

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012597.D
 Acq On : 23 Sep 2019 11:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:07:23 AM

Quant Time: Sep 23 12:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	144419	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	106677	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	404598	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	157841	45.80	ug/l	0.00
Spiked Amount						
			Recovery	=	91.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	108868	79.343	ug/l	100
3) Chloromethane	1.32	50	125699	92.731	ug/l	100
4) Vinyl Chloride	1.40	62	126335	88.253	ug/l	100
5) Bromomethane	1.63	94	45699	79.662	ug/l	100
6) Chloroethane	1.71	64	80304	72.923	ug/l	100
7) Trichlorofluoromethane	1.92	101	175231	72.115	ug/l	100
8) Diethyl Ether	2.18	74	71904	66.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108506	63.473	ug/l	100
10) Methyl Iodide	2.50	142	110058	78.166	ug/l	100
11) Tert butyl alcohol	3.04	59	183955	233.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110537	76.863	ug/l	100
13) Acrolein	2.28	56	100942	317.066	ug/l	100
14) Allyl chloride	2.72	41	215316	67.214	ug/l	100
15) Acrylonitrile	3.13	53	374908	286.374	ug/l	100
16) Acetone	2.44	43	395512	260.059	ug/l	100
17) Carbon Disulfide	2.56	76	298220	129.977	ug/l	100
18) Methyl Acetate	2.76	43	177799	56.537	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	409954	56.702	ug/l	100
20) Methylene Chloride	2.84	84	126374	66.080	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	118288	78.576	ug/l	100
22) Diisopropyl ether	3.84	45	411652	56.907	ug/l	100
23) Vinyl Acetate	3.80	43	1860328	309.360	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225330	63.599	ug/l	100
25) 2-Butanone	4.66	43	561708	270.236	ug/l	100
26) 2,2-Dichloropropane	4.58	77	199044	58.181	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137844	64.790	ug/l	100
28) Bromochloromethane	5.00	49	82036	47.163	ug/l	100
29) Tetrahydrofuran	5.12	42	346818	298.361	ug/l	100
30) Chloroform	5.20	83	223000	56.019	ug/l	100
31) Cyclohexane	5.57	56	201916	83.627	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	204048	60.661	ug/l	100
36) 1,1-Dichloropropene	5.79	75	166079	68.845	ug/l	100
37) Ethyl Acetate	4.82	43	204212	58.331	ug/l	100
38) Carbon Tetrachloride	5.78	117	175422	60.578	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201395	81.964	ug/l	100
40) Benzene	6.14	78	500943	66.034	ug/l	100
41) Methacrylonitrile	5.03	41	112523	50.632	ug/l	100
42) 1,2-Dichloroethane	6.18	62	190693	56.217	ug/l	100
43) Isopropyl Acetate	6.43	43	333637	53.596	ug/l	100
44) Trichloroethene	7.21	130	126372	64.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127992	56.816	ug/l	100
46) Dibromomethane	7.65	93	86606	59.001	ug/l	100
47) Bromodichloromethane	7.89	83	178214	55.615	ug/l	100
48) Methyl methacrylate	7.76	41	163830	55.489	ug/l	100
49) 1,4-Dioxane	7.73	88	75571	1055.111	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1040435	257.143	ug/l	100
52) Toluene	8.78	92	316354	65.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	199495	59.292	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216689	61.618	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125822	52.583	ug/l	100
56) Ethyl methacrylate	9.17	69	216890	57.314	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217777	56.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510260	263.563	ug/l	100
59) 2-Hexanone	9.49	43	822455	260.249	ug/l	100
60) Dibromochloromethane	9.58	129	133327	55.042	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133083	59.861	ug/l	100
64) Tetrachloroethene	9.33	164	108445	67.970	ug/l	100
65) Chlorobenzene	10.14	112	328928	59.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	121604	54.152	ug/l	100
67) Ethyl Benzene	10.25	91	606318	62.919	ug/l	100
68) m/p-Xylenes	10.35	106	455577	129.109	ug/l	100
69) o-Xylene	10.70	106	219392	61.294	ug/l	100
70) Styrene	10.71	104	379069	60.270	ug/l	100
71) Bromoform	10.85	173	87696	52.943	ug/l #	100
73) Isopropylbenzene	11.01	105	590681	60.116	ug/l	100
74) N-amyl acetate	10.89	43	291955	56.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	197353	52.651	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196698m	55.889	ug/l	
77) Bromobenzene	11.25	156	133451	56.436	ug/l	100
78) n-propylbenzene	11.35	91	665329	60.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	407984	57.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499590	59.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69803	58.265	ug/l	100
82) 4-Chlorotoluene	11.51	91	474652	58.337	ug/l	100
83) tert-Butylbenzene	11.77	119	475192	54.083	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	505202	59.021	ug/l	100
85) sec-Butylbenzene	11.94	105	563023	57.617	ug/l	100
86) p-Isopropyltoluene	12.06	119	516967	57.690	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242436	54.800	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	244242	53.864	ug/l	100
89) n-Butylbenzene	12.39	91	453289	56.824	ug/l	100
90) Hexachloroethane	12.59	117	91339	56.191	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244205	53.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52788	54.538	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151257	51.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	63936	46.977	ug/l	100
95) Naphthalene	13.83	128	574259	55.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154435	52.023	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

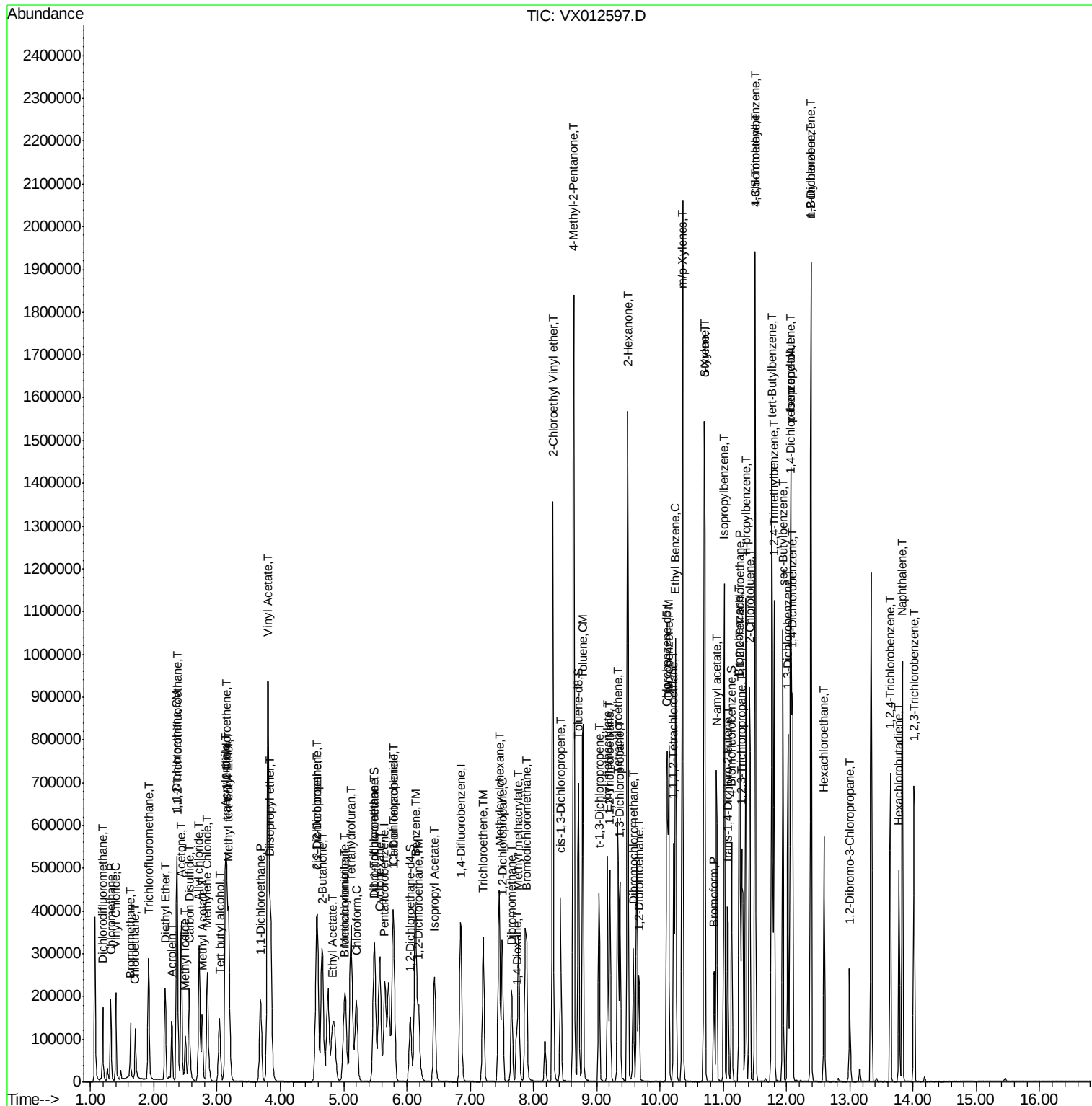
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092319\  
Data File : VX012597.D  
Acq On    : 23 Sep 2019  11:19  
Operator  : JC/SP  
Sample    : VSTDICCC050  
Misc      : 5.0mL/MSVOA X/WATER  
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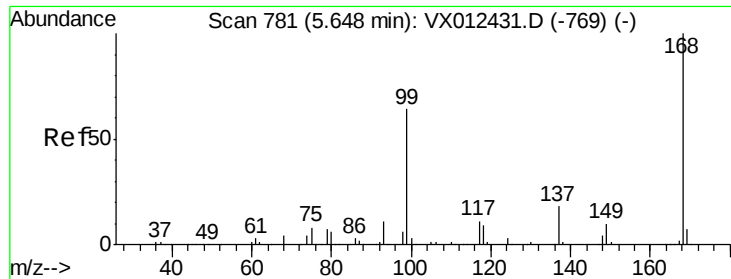
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 206508

Ion Ratio Lower Upper

168 100

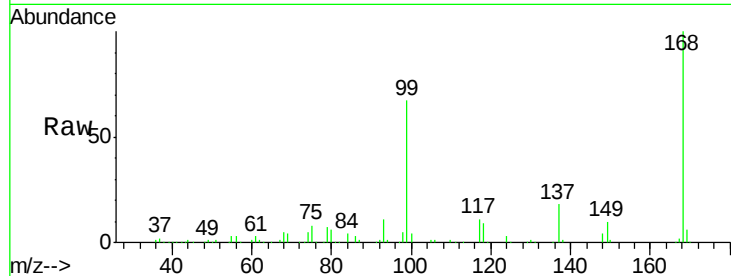
99 66.6 53.3 79.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

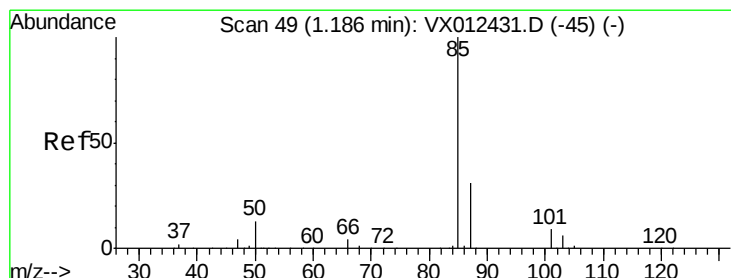
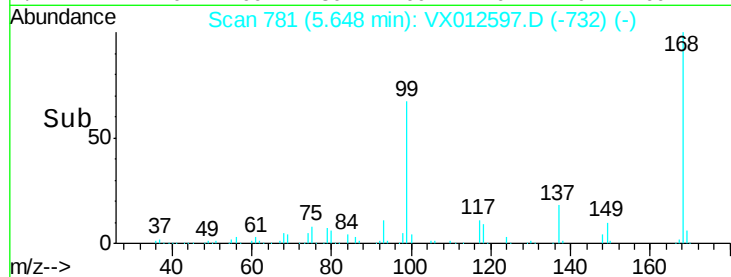
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 79.343 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012597.D

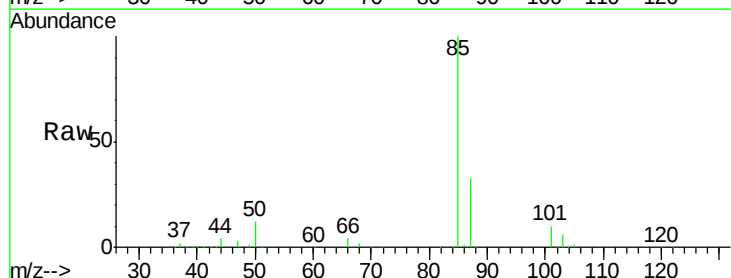
Acq: 23 Sep 2019 11:19

Tgt Ion: 85 Resp: 108868

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

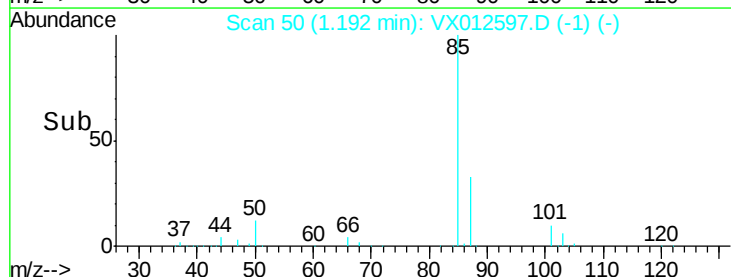
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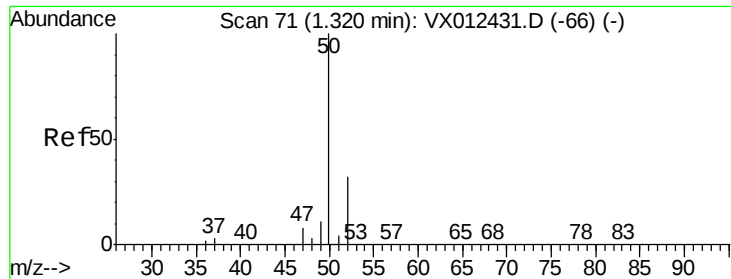
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20000

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Time-->





#3

Chloromethane

Concen: 92.731 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 125699

Ion Ratio Lower Upper

50 100

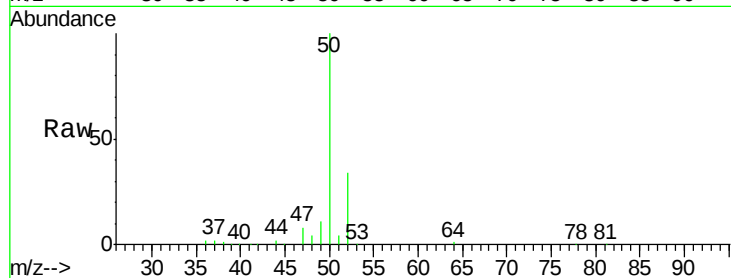
52 33.7 27.0 40.4

Manual Integrations

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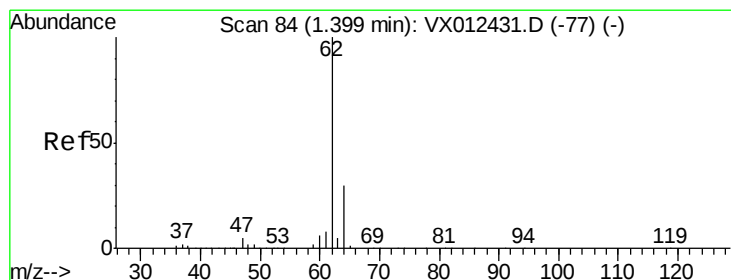
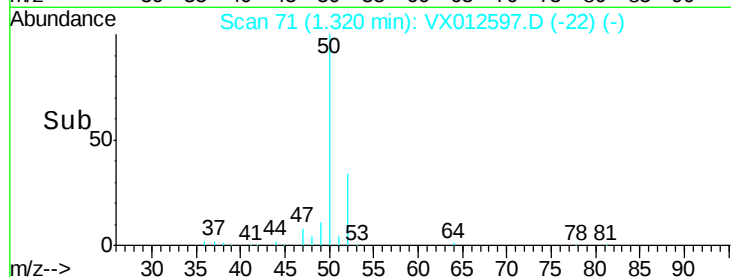
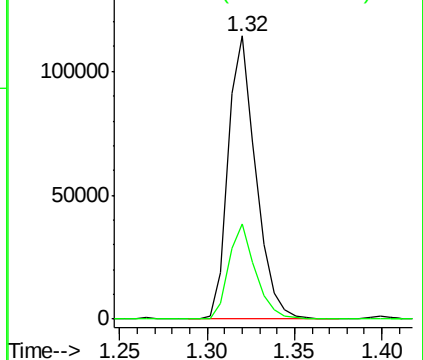
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 88.253 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012597.D

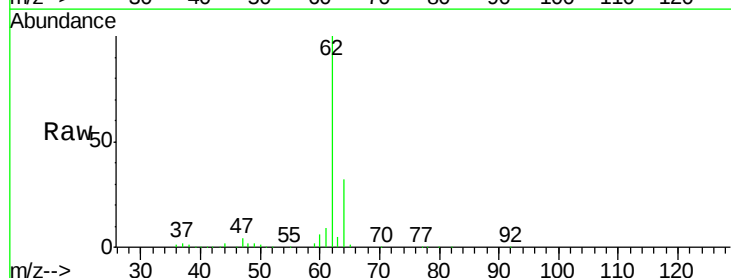
Acq: 23 Sep 2019 11:19

Tgt Ion: 62 Resp: 126335

Ion Ratio Lower Upper

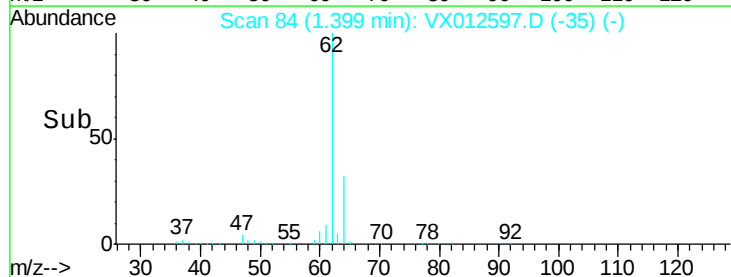
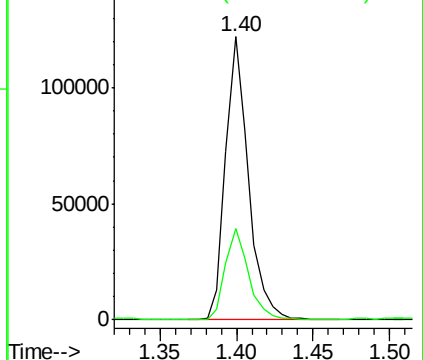
62 100

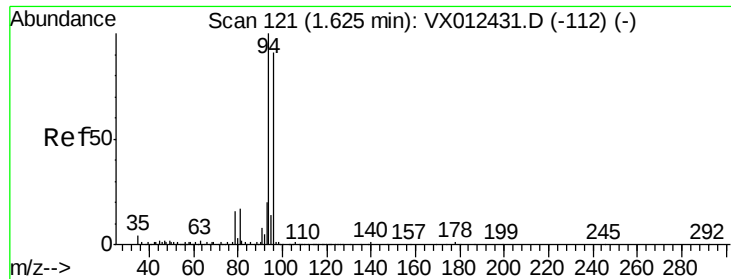
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 79.662 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 45699

Ion Ratio Lower Upper

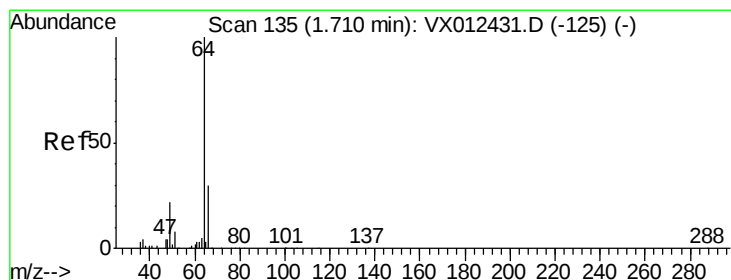
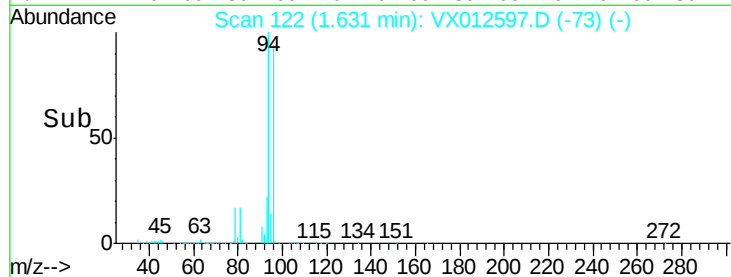
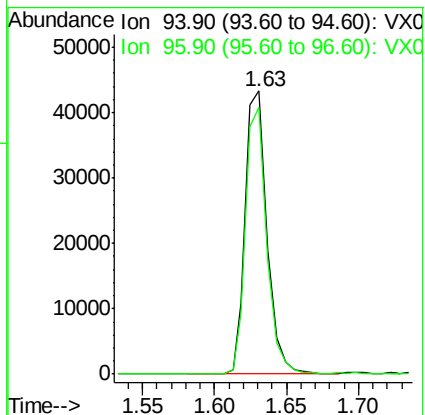
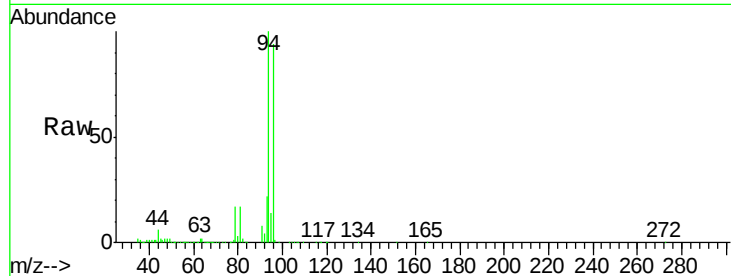
94 100

96 94.2 75.4 113.0

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#6

Chloroethane

Concen: 72.923 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012597.D

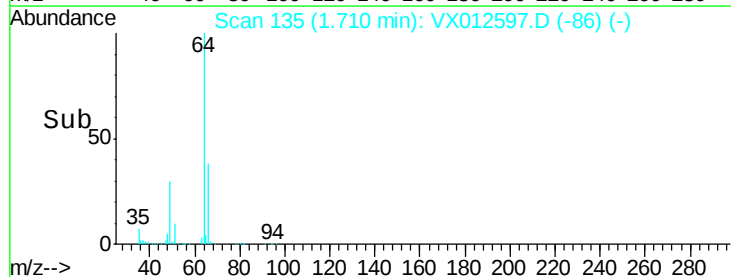
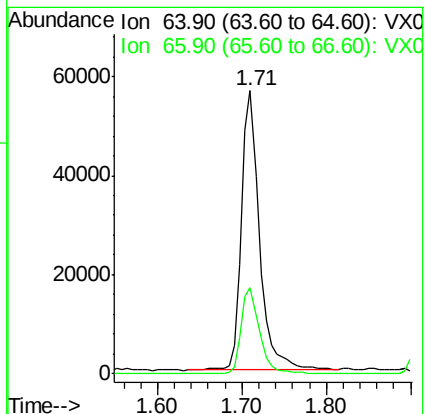
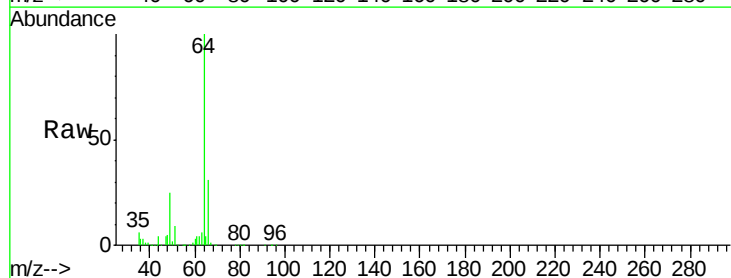
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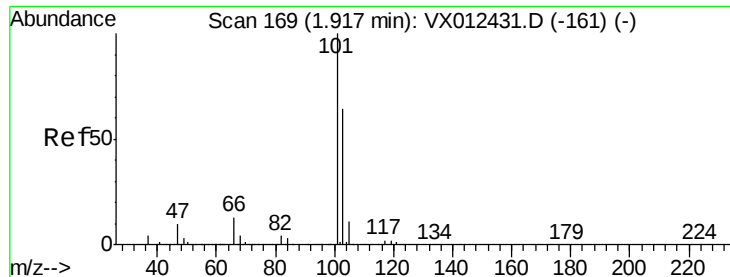
Tgt Ion: 64 Resp: 80304

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0





#7

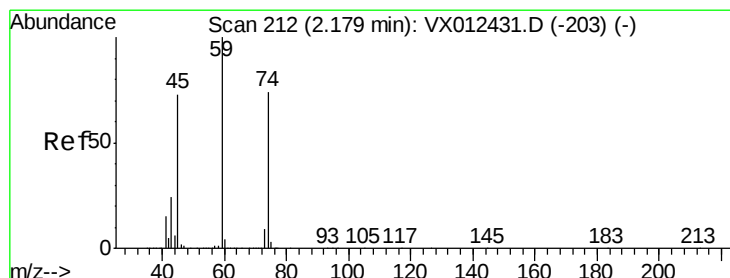
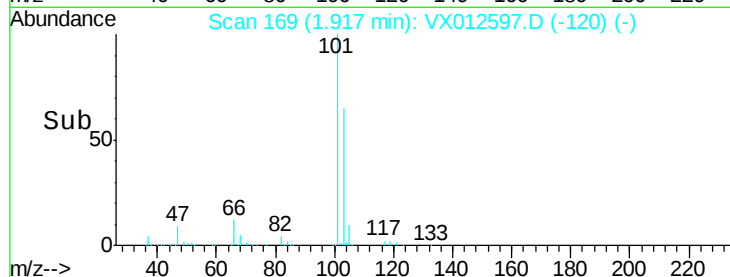
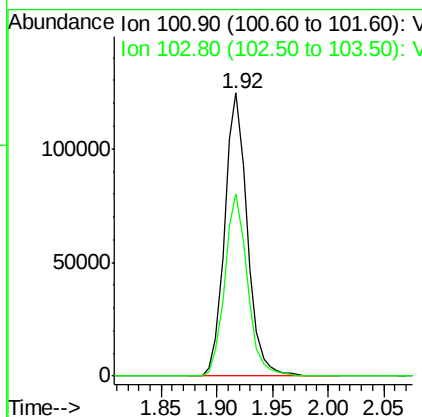
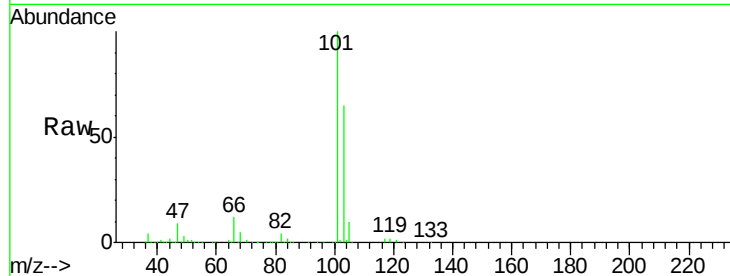
Trichlorofluoromethane
Concen: 72.115 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		175231		
103	64.6	51.7	77.5		

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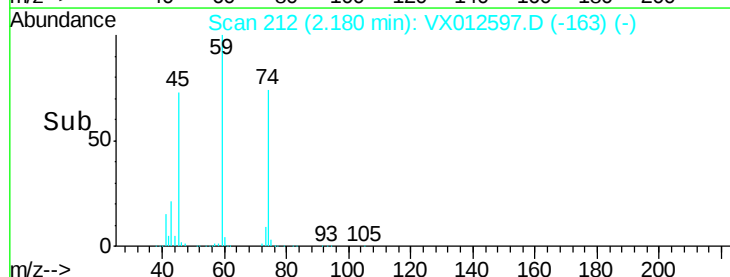
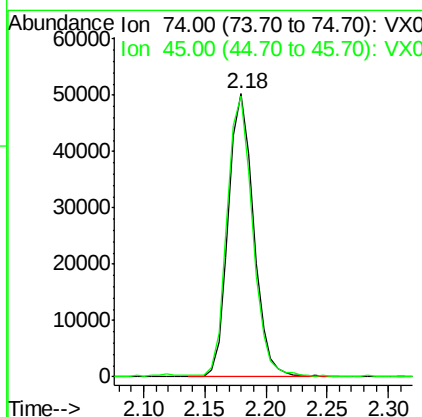
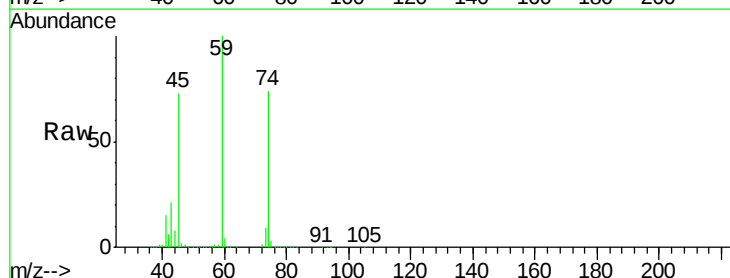
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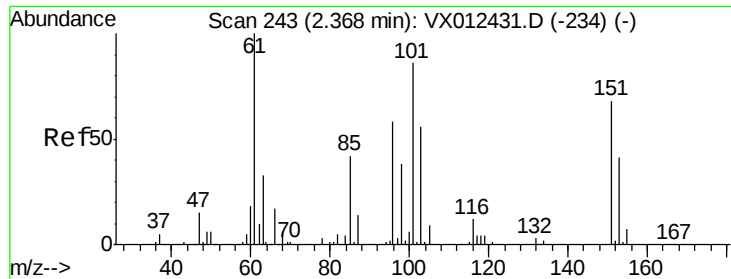


#8

Diethyl Ether
Concen: 66.553 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		71904		
45	99.9	50.0	149.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.473 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

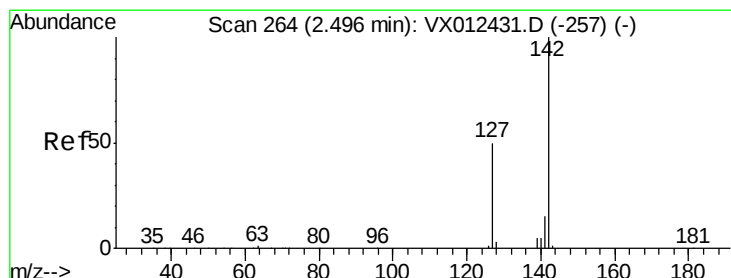
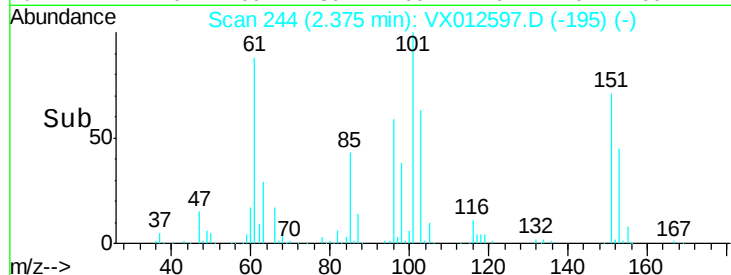
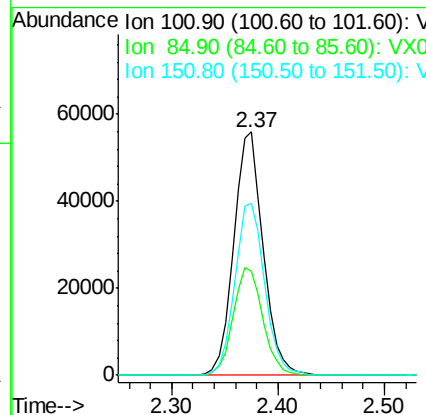
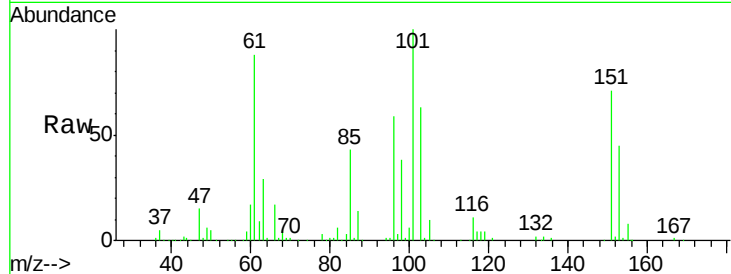
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	108506
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.8	53.6
151	71.8	57.4	86.2

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#10

Methyl Iodide

Concen: 78.166 ug/l

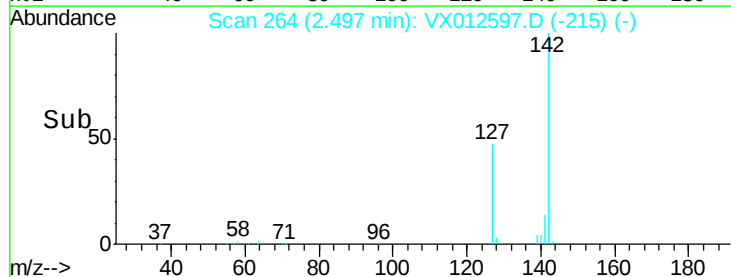
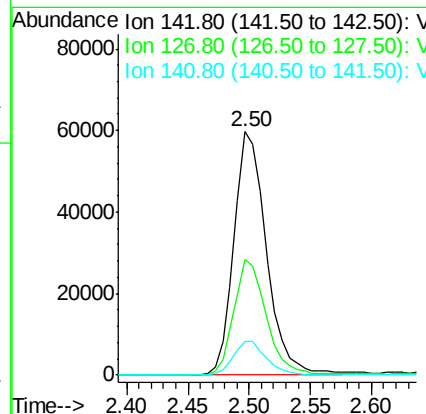
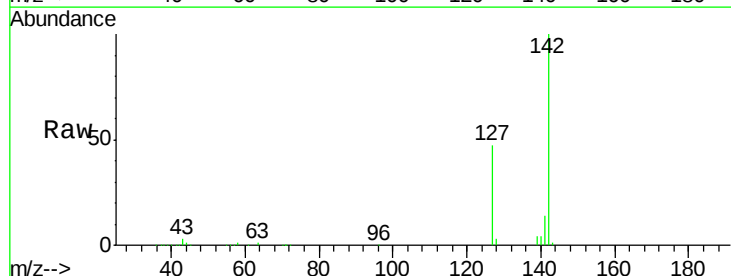
RT: 2.50 min Scan# 264

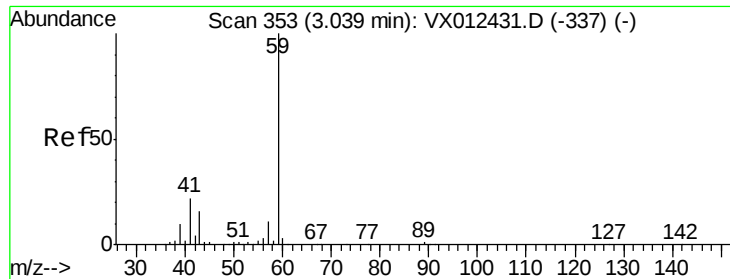
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	142	Resp:	110058
Ion Ratio	Lower	Upper	
142	100		
127	47.6	38.1	57.1
141	14.2	11.4	17.0





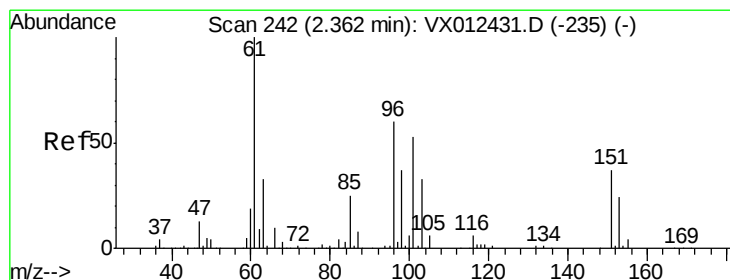
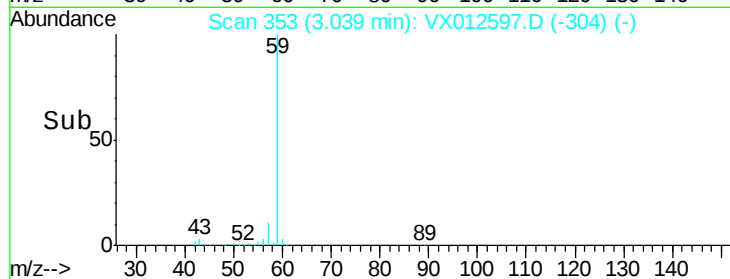
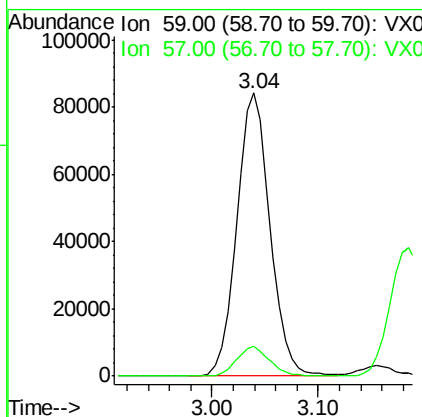
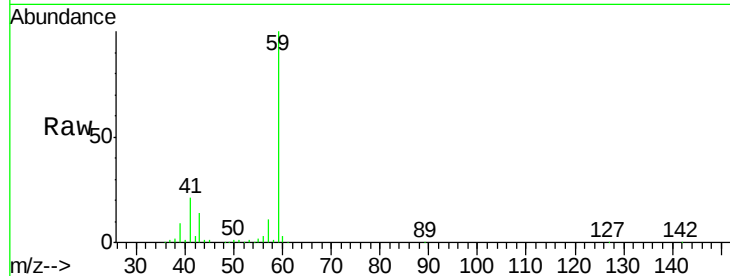
#11
Tert butyl alcohol
Concen: 233.333 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

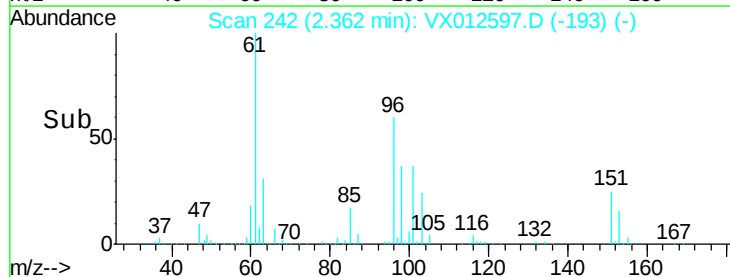
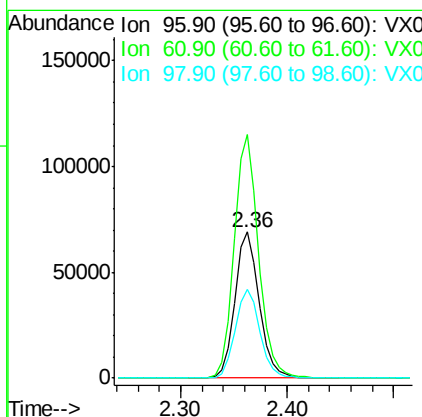
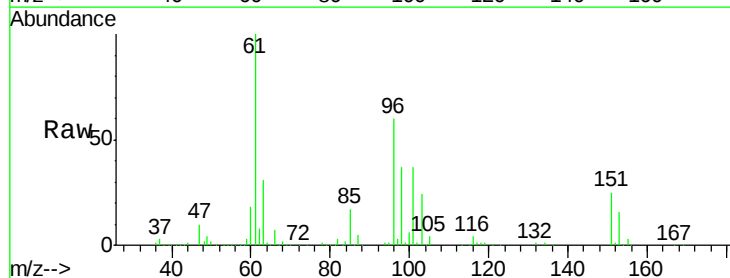
Manual Integrations
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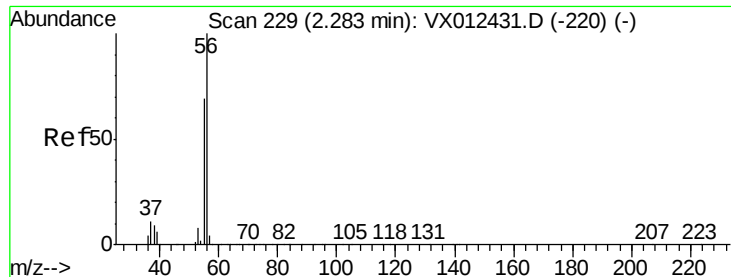
MMDadoda
9/24/2019 10:07:23 AM



#12
1,1-Dichloroethene
Concen: 76.863 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	133.4	200.0
98	61.0	48.8	73.2





#13

Acrolein

Concen: 317.066 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 100942

Ion Ratio Lower Upper

56 100

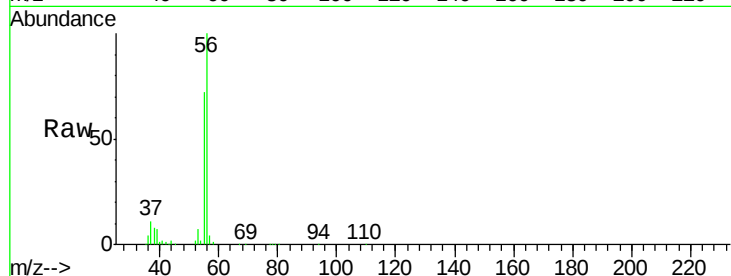
55 70.3 56.2 84.4

Manual Integrations

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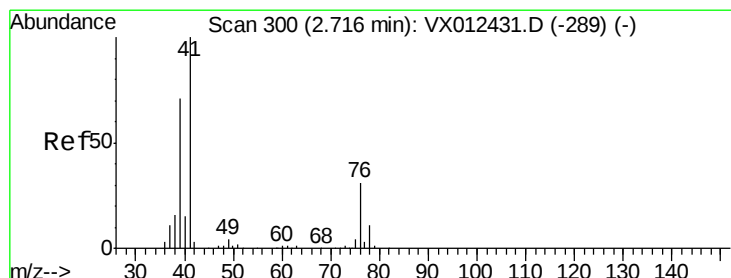
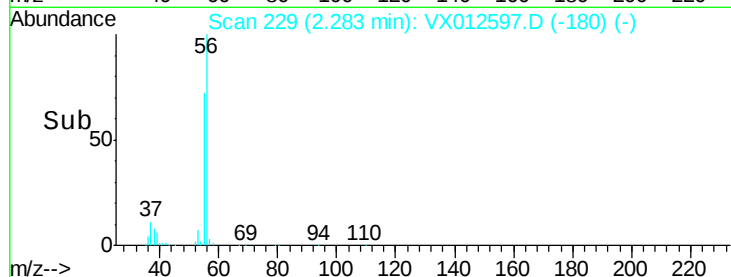
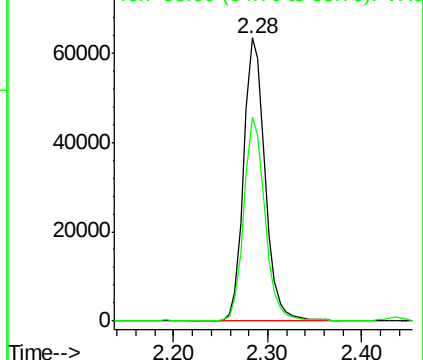
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 67.214 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

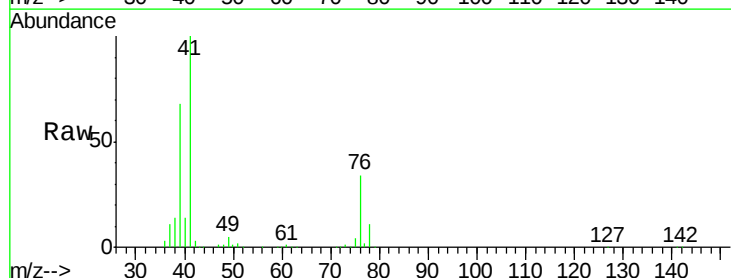
Tgt Ion: 41 Resp: 215316

Ion Ratio Lower Upper

41 100

39 65.1 52.1 78.1

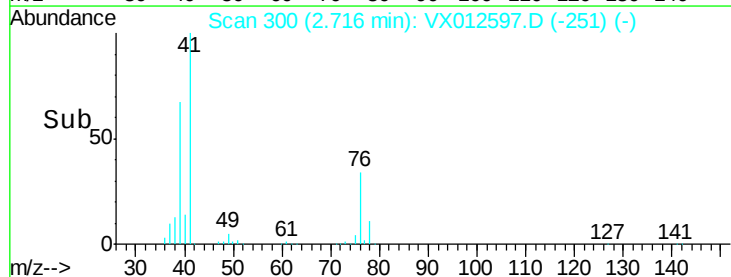
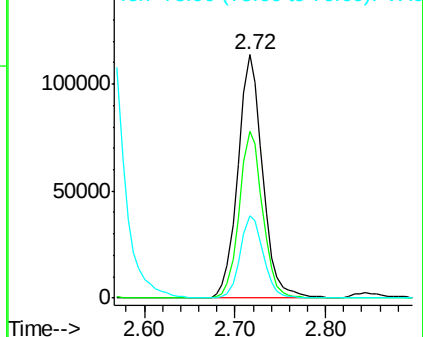
76 31.3 25.0 37.6

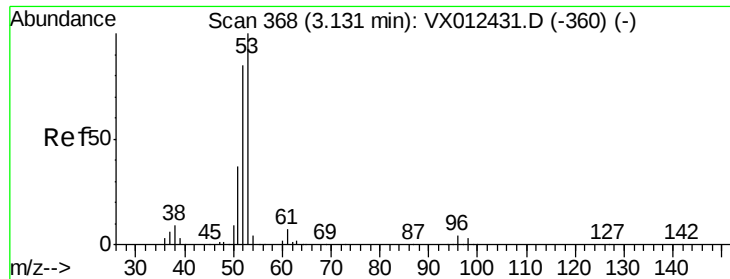


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 286.374 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

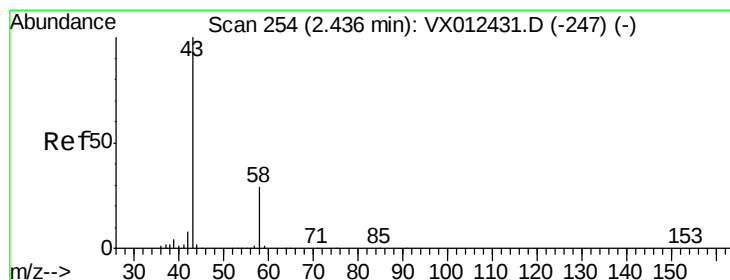
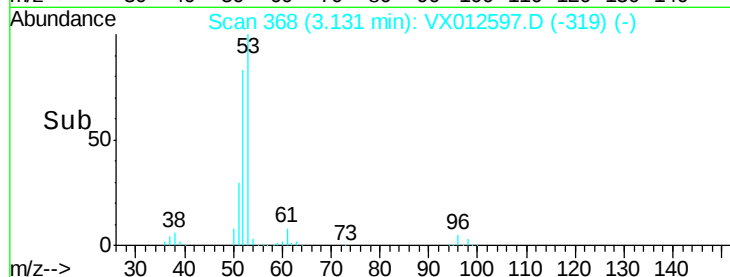
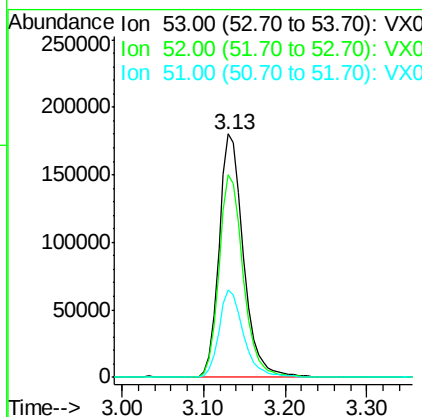
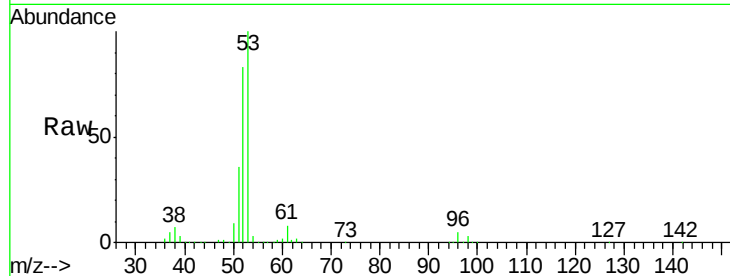
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	374908
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.1	99.1
51	36.5	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 260.059 ug/l

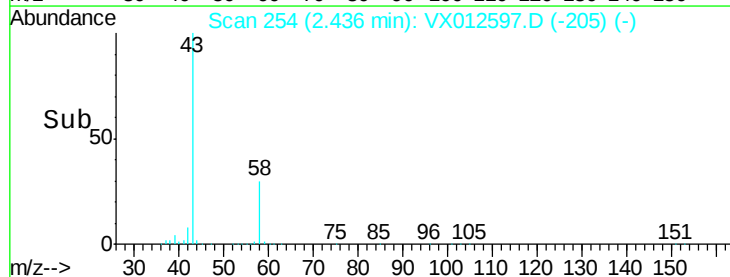
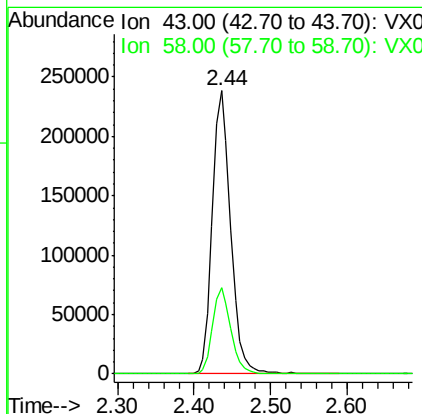
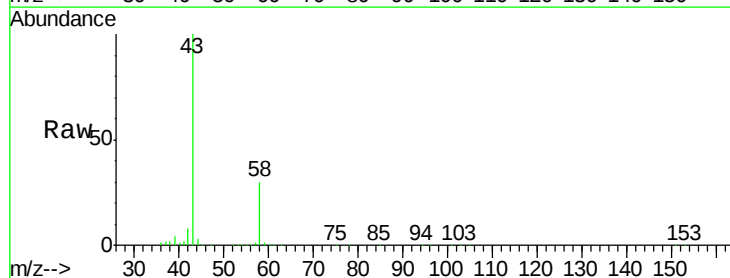
RT: 2.44 min Scan# 254

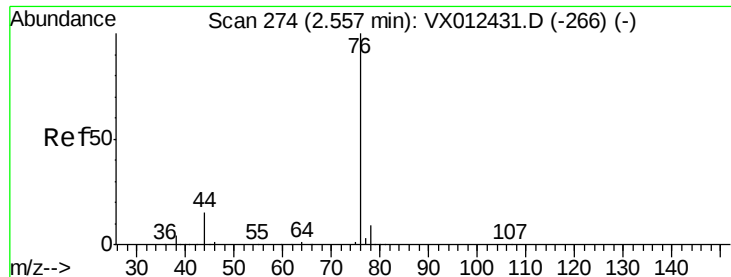
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	43	Resp:	395512
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.3	36.5





#17

Carbon Disulfide

Concen: 129.977 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 298220

Ion Ratio Lower Upper

76 100

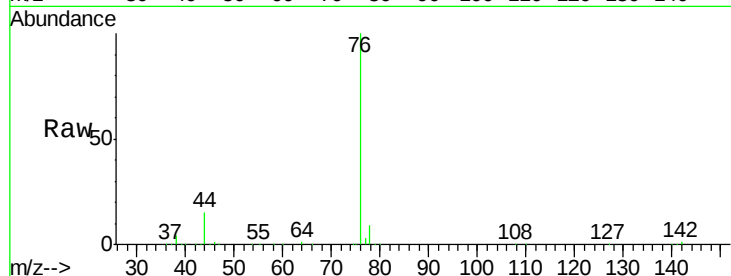
78 8.9 7.1 10.7

Manual Integrations

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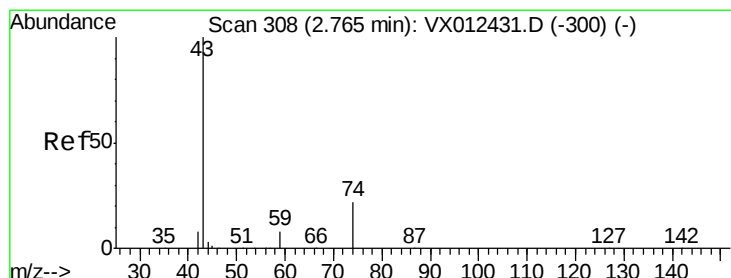
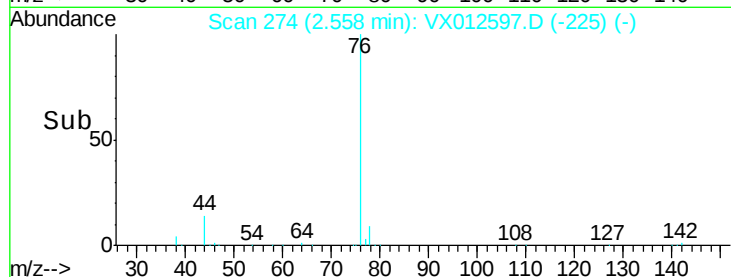
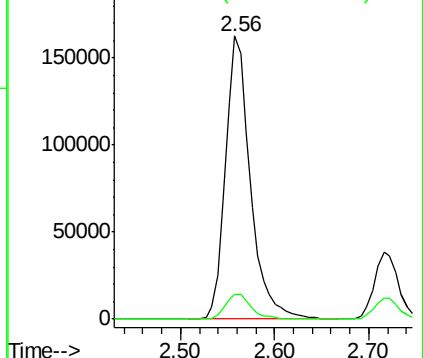
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9/24/2019 10:07:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.537 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012597.D

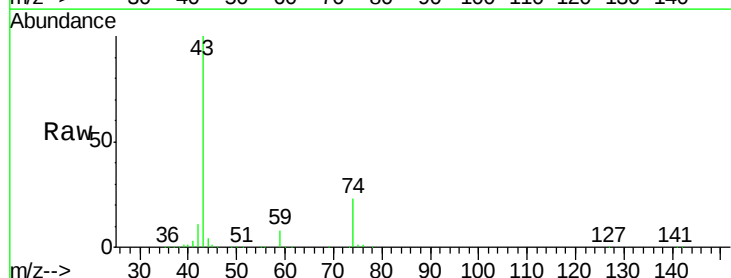
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 177799

Ion Ratio Lower Upper

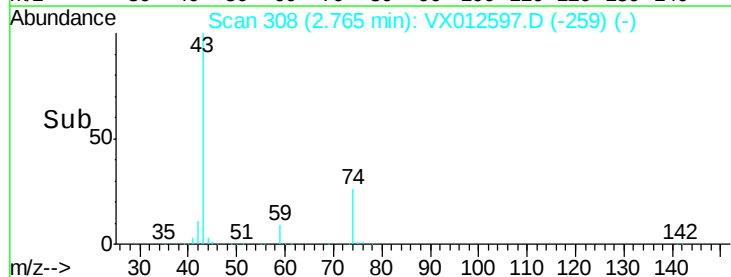
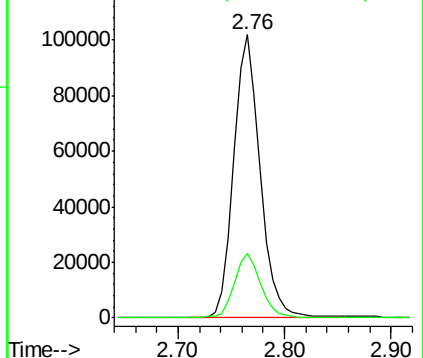
43 100

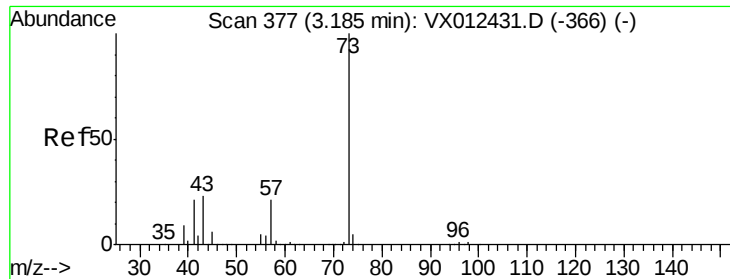
74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





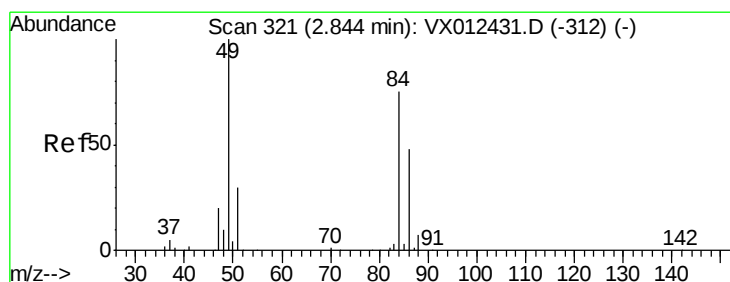
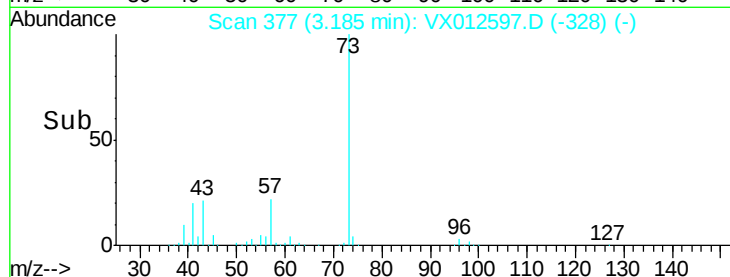
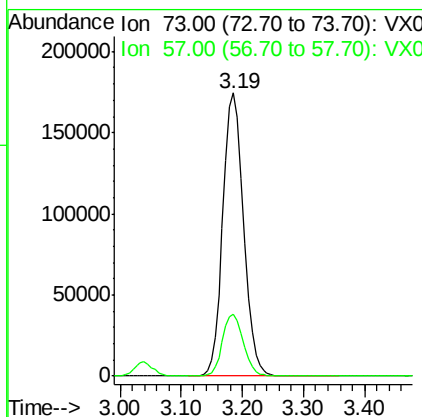
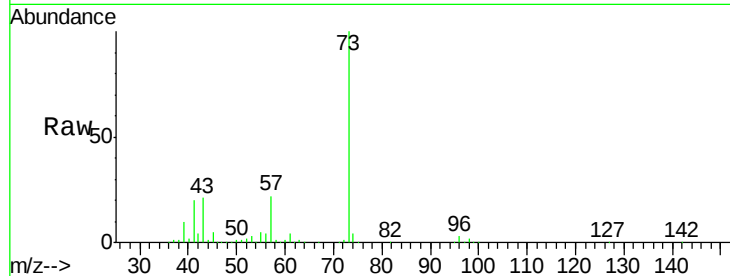
#19
Methvl tert-butvl Ether
Concen: 56.702 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.5	26.3

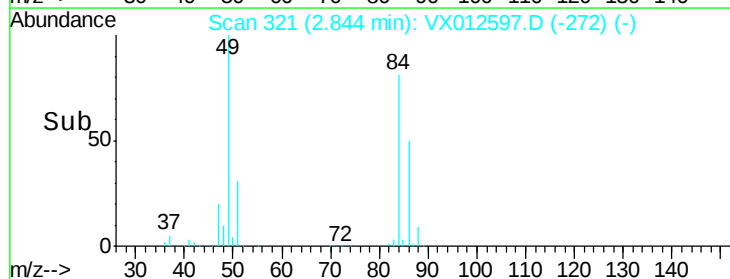
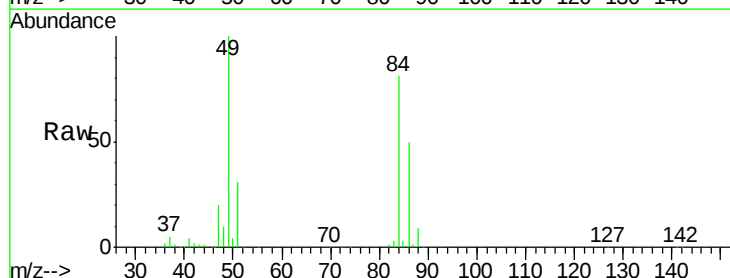
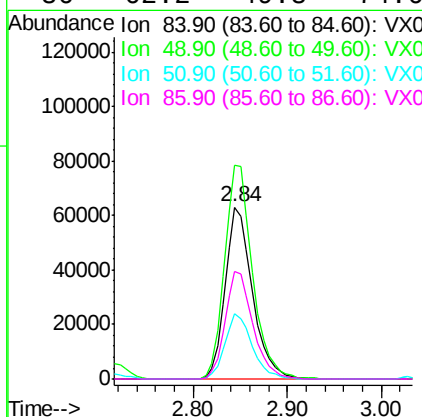
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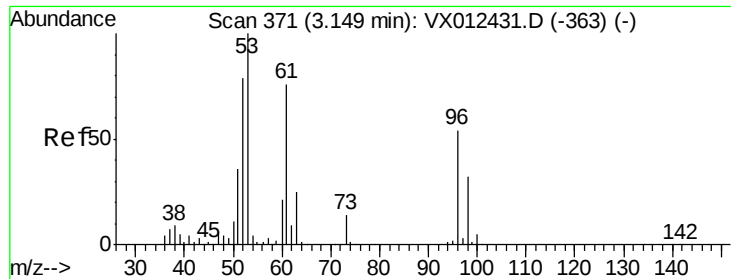
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#20
Methylene Chloride
Concen: 66.080 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	99.3	148.9
51	38.0	30.4	45.6
86	62.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 78.576 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 118288

Ion Ratio Lower Upper

96 100

61 144.6 115.7 173.5

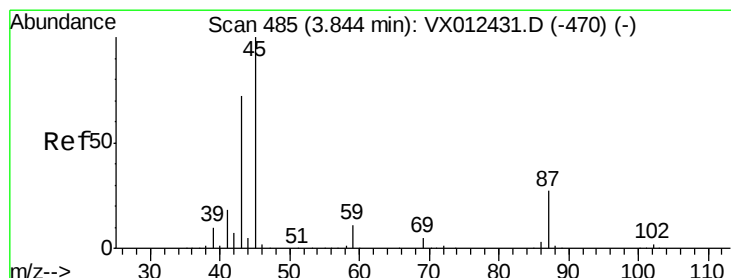
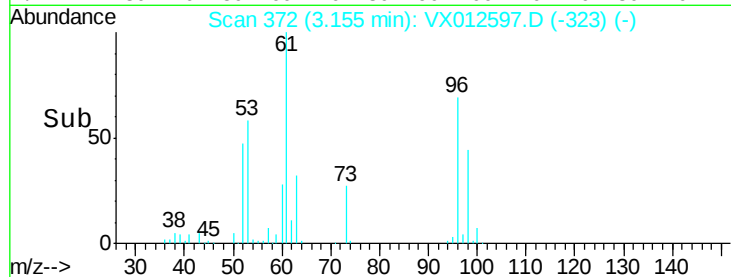
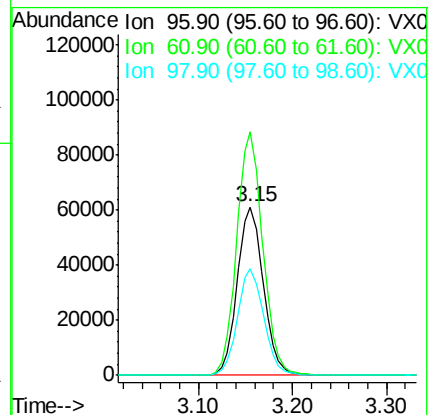
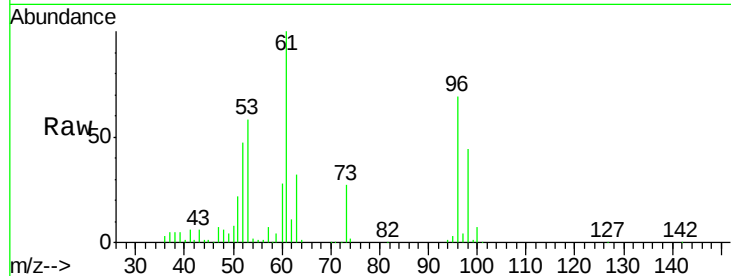
98 63.2 50.6 75.8

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 56.907 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 45 Resp: 411652

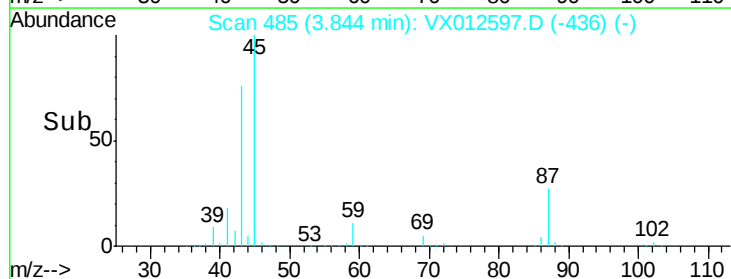
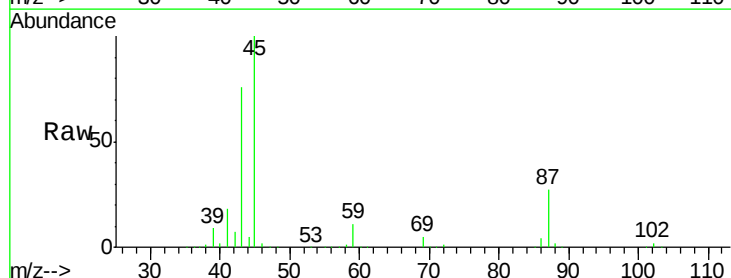
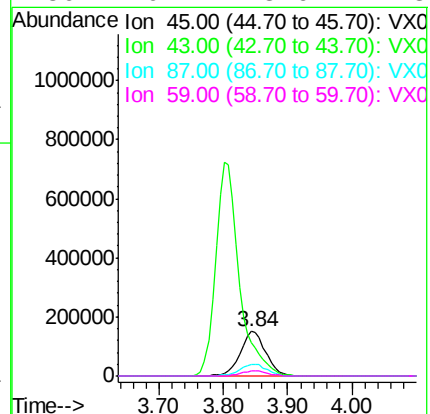
Ion Ratio Lower Upper

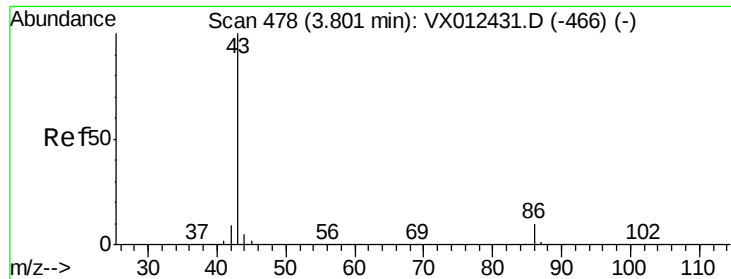
45 100

43 76.0 60.8 91.2

87 27.4 21.9 32.9

59 10.7 8.6 12.8





#23

Vinyl Acetate

Concen: 309.360 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1860328

Ion Ratio Lower Upper

43 100

86 10.5

8.4

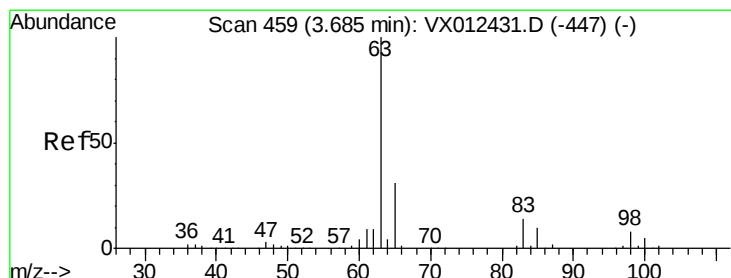
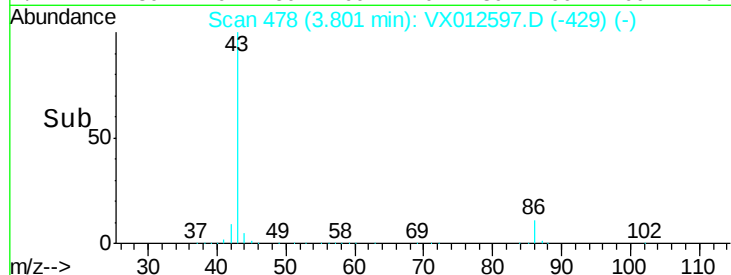
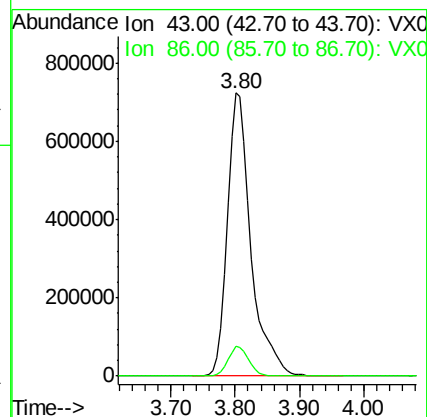
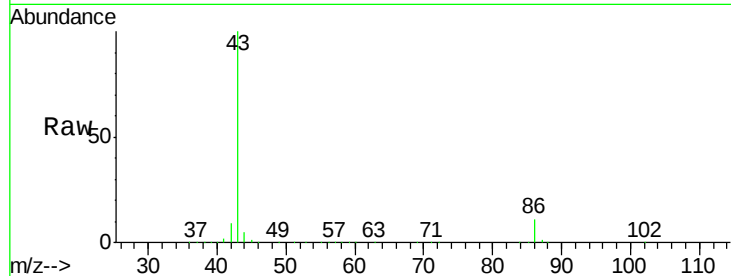
12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 63.599 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 63 Resp: 225330

Ion Ratio Lower Upper

63 100

98 6.9

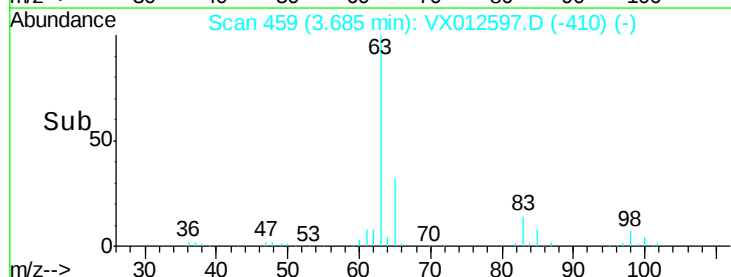
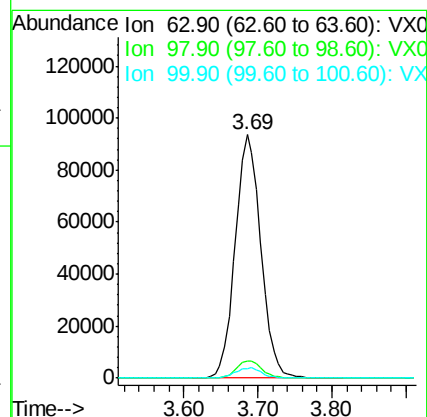
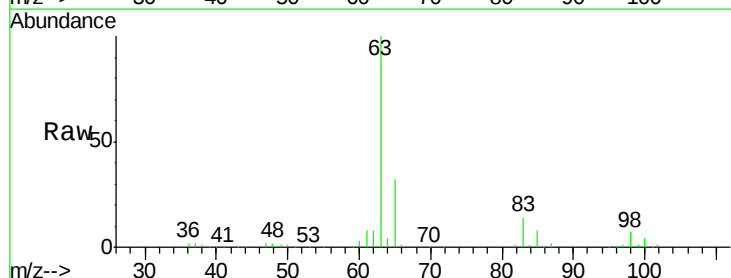
3.5

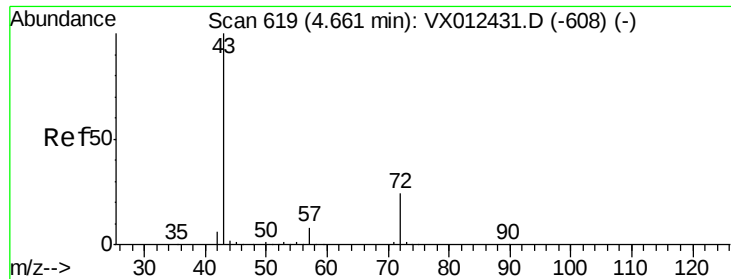
10.4

100 4.0

2.0

6.0





#25

2-Butanone

Concen: 270.236 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 561708

Ion Ratio Lower Upper

43 100

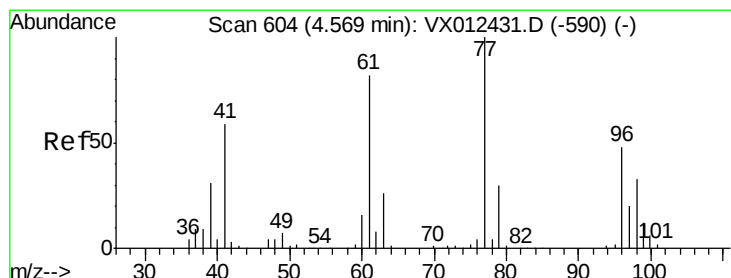
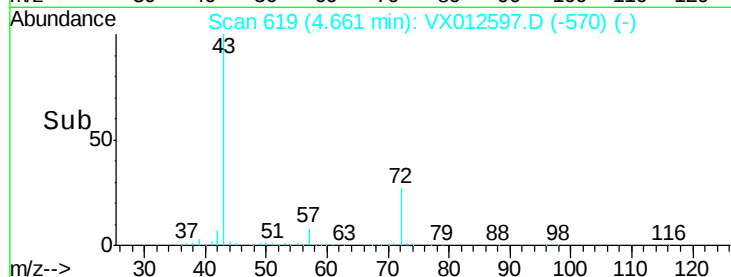
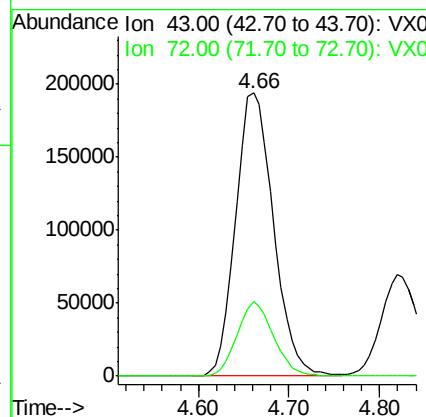
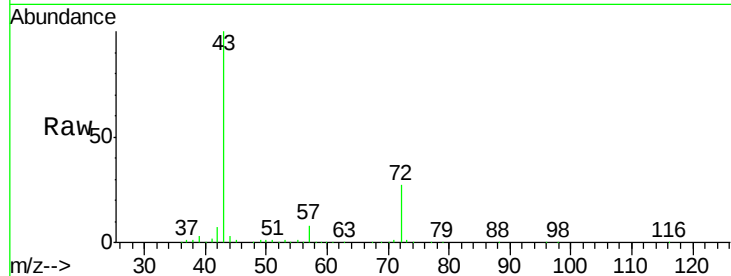
72 26.5 21.2 31.8

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#26

2,2-Dichloropropane

Concen: 58.181 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX012597.D

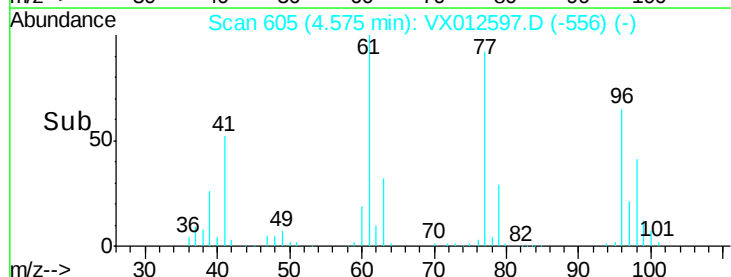
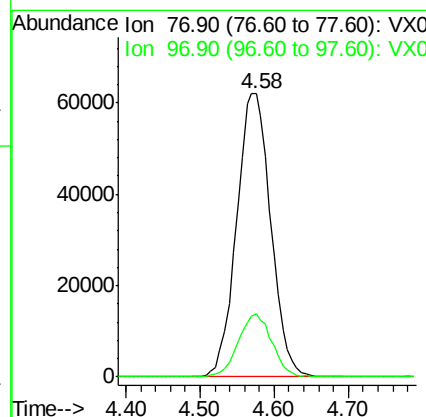
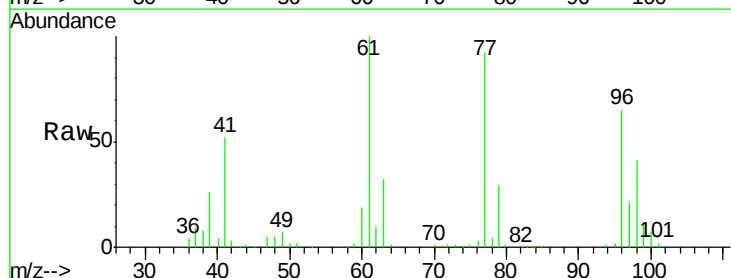
Acq: 23 Sep 2019 11:19

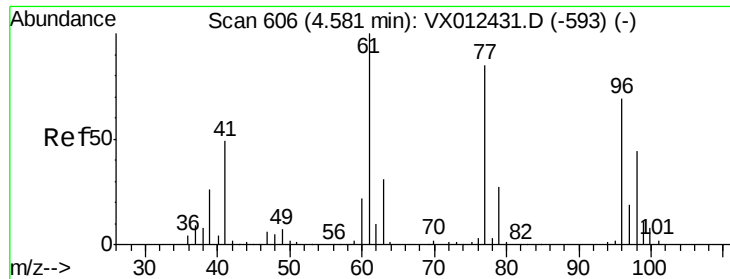
Tgt Ion: 77 Resp: 199044

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

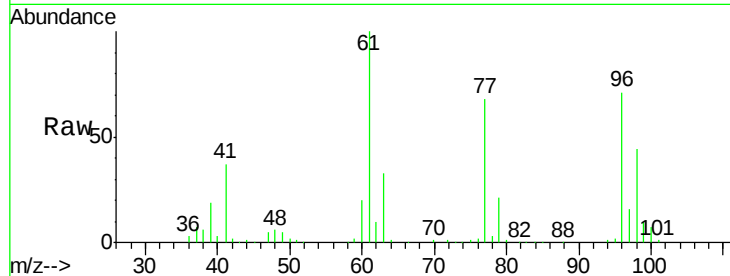
cis-1,2-Dichloroethene
Concen: 64.790 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		137844		
61	151.9	0.0	303.8		
98	63.8	0.0	127.6		

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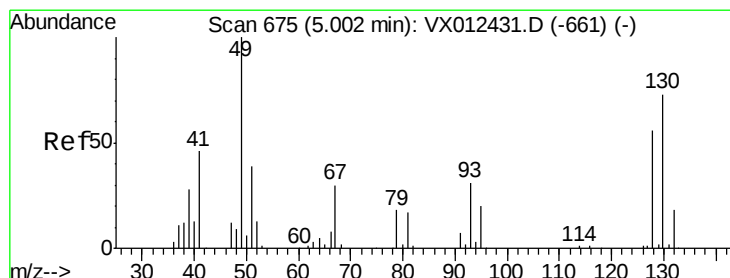
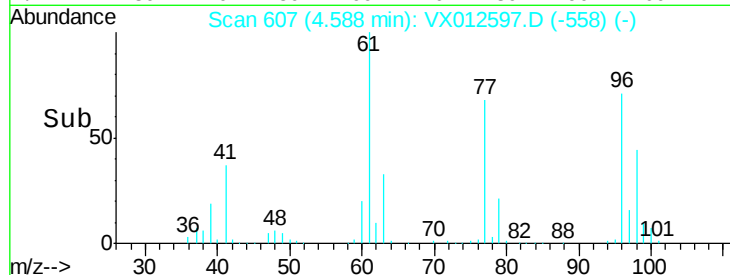
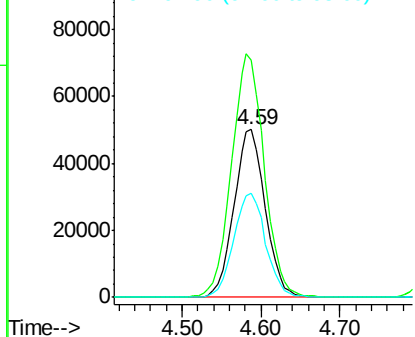


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

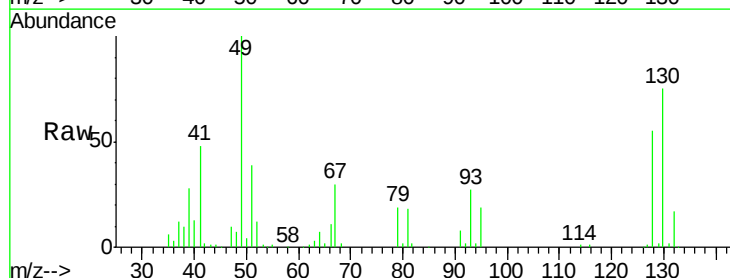
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 47.163 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		82036		
129	2.0	0.0	4.0		
130	71.3	57.0	85.6		

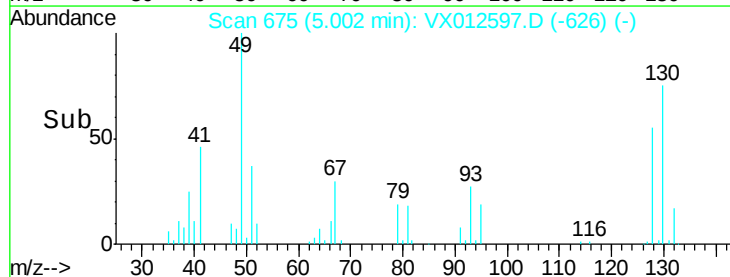
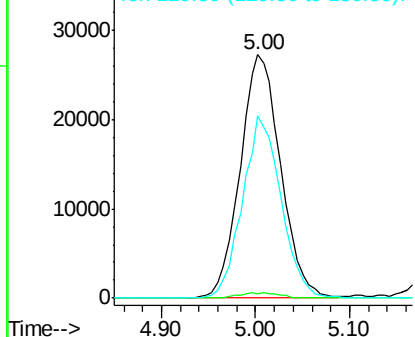


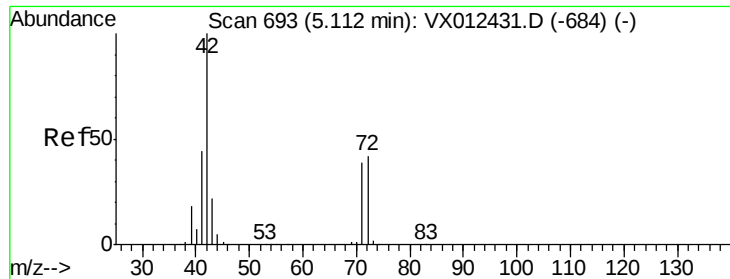
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





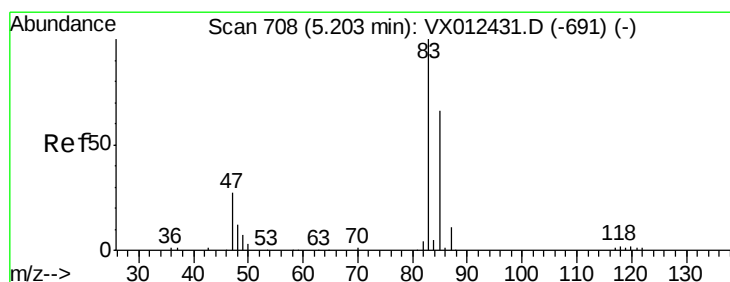
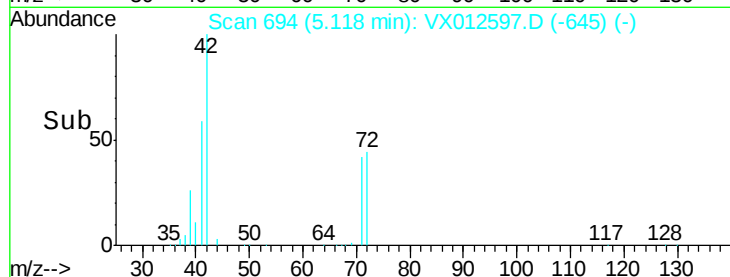
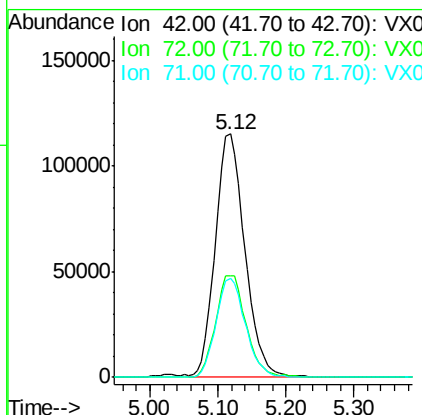
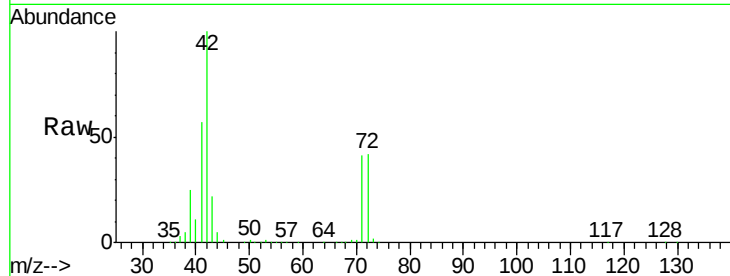
#29
Tetrahydrofuran
Concen: 298.361 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.7	32.6	48.8

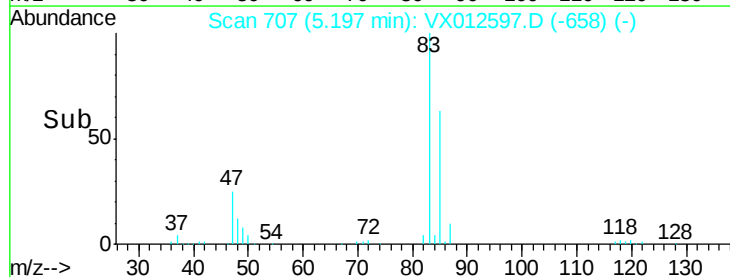
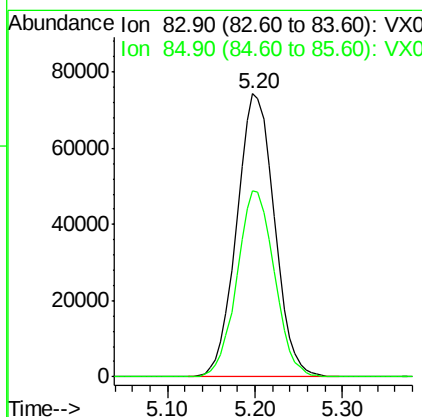
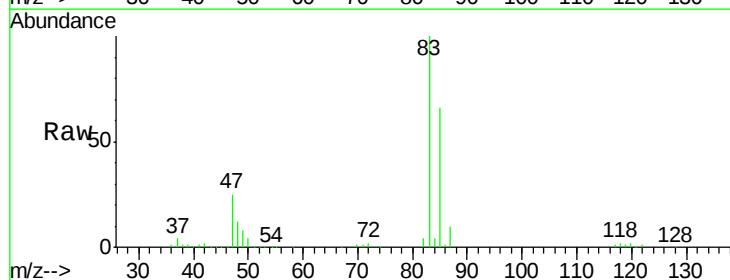
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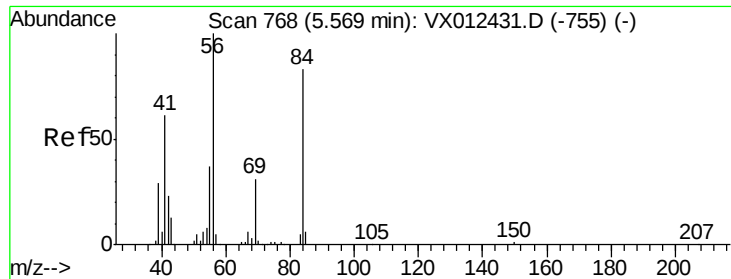
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#30
Chloroform
Concen: 56.019 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





#31

Cyclohexane

Concen: 83.627 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

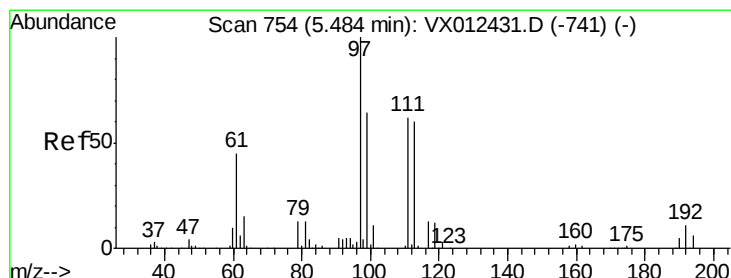
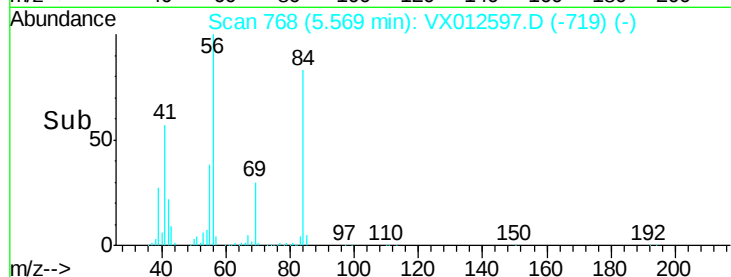
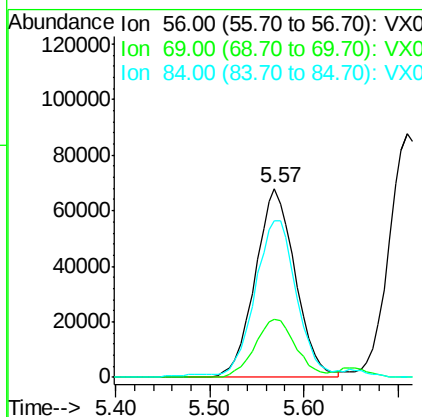
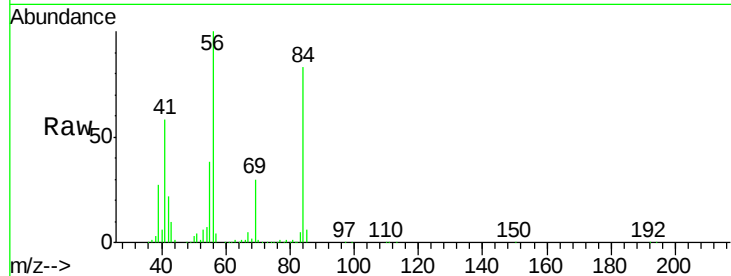
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	201916
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.3	36.5
84	81.3	65.0	97.6

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#32

1,1,1-Trichloroethane

Concen: 60.661 ug/l

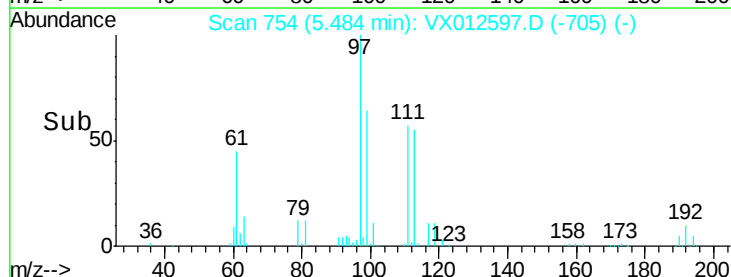
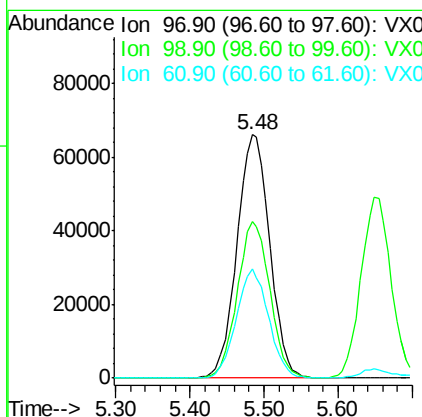
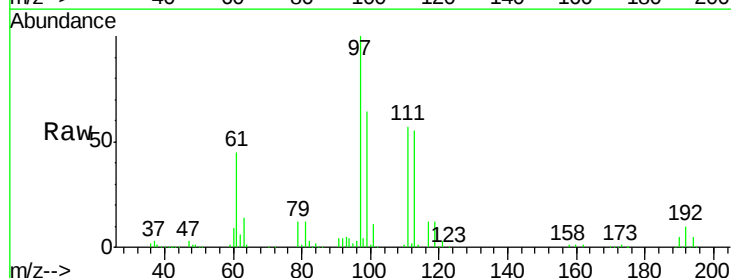
RT: 5.48 min Scan# 754

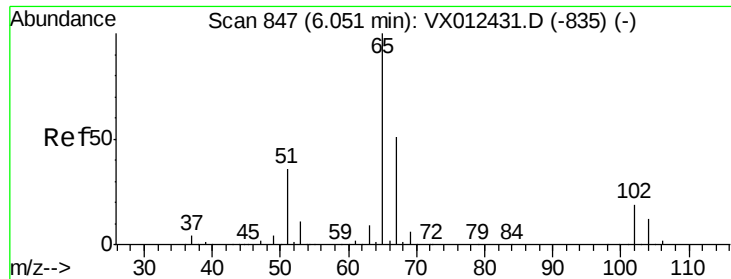
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	97	Resp:	204048
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	44.4	35.5	53.3





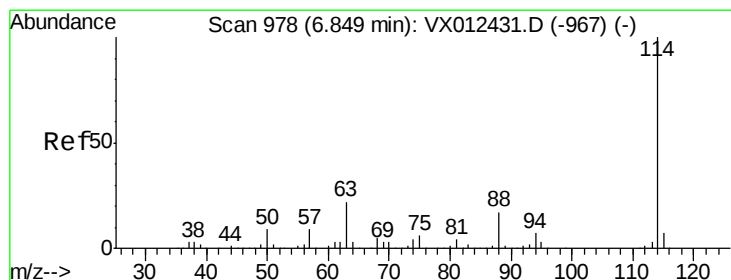
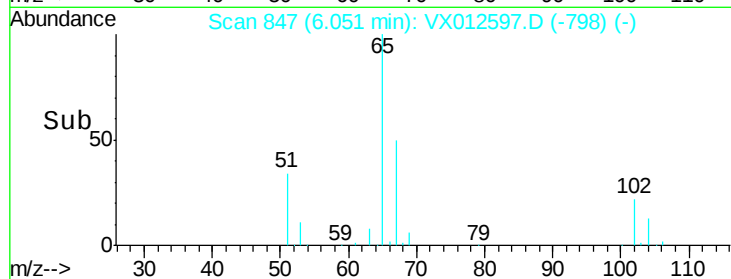
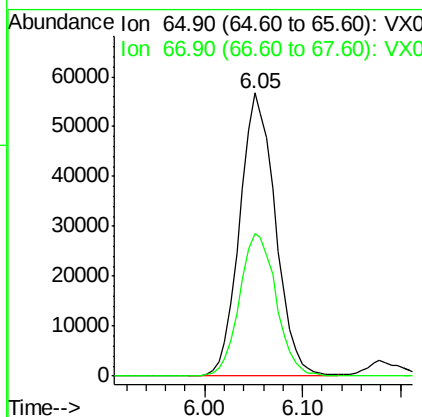
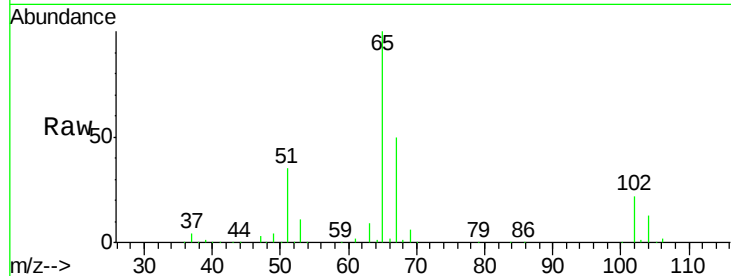
#33
 1,2-Dichloroethane-d4
 Concen: 48.239 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

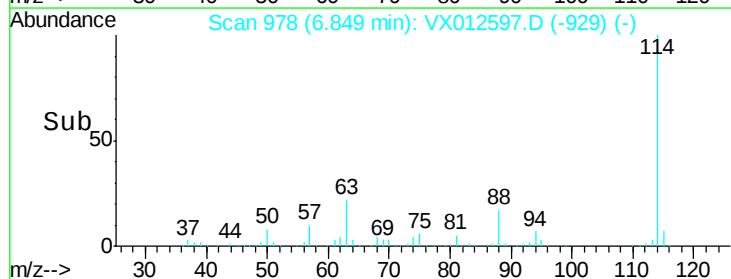
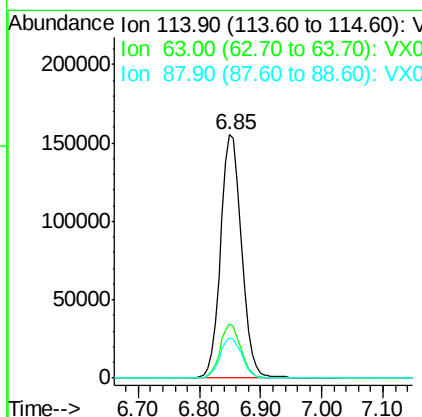
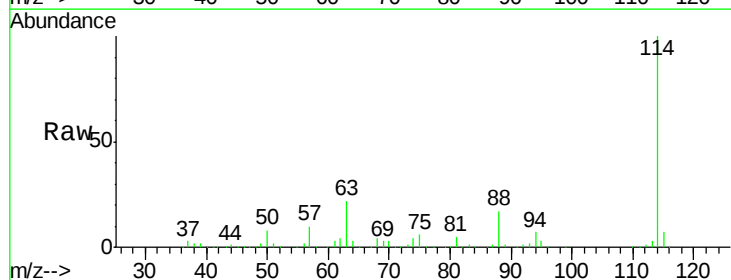
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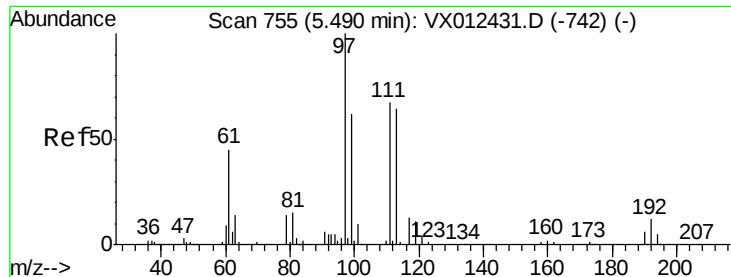
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	16.6	0.0	33.2





#35

Dibromofluoromethane

Concen: 47.332 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

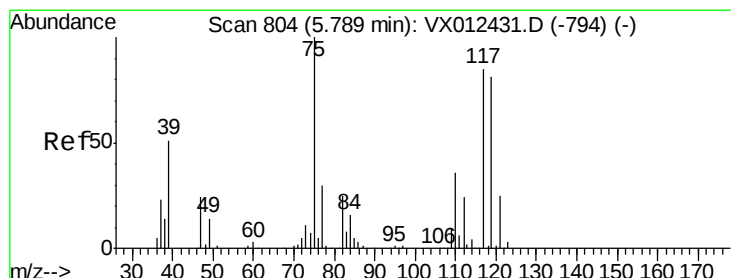
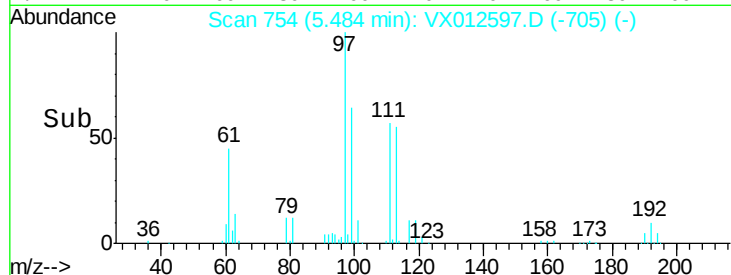
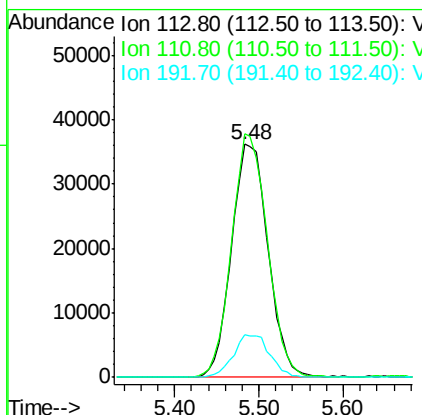
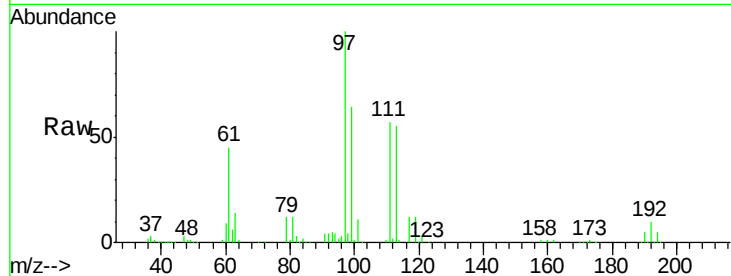
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	106677
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.8	122.6
192	18.1	14.5	21.7

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#36

1,1-Dichloropropene

Concen: 68.845 ug/l

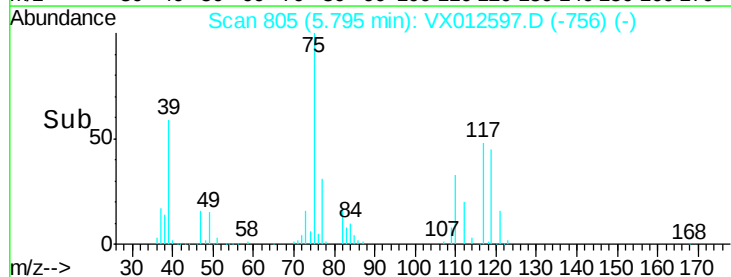
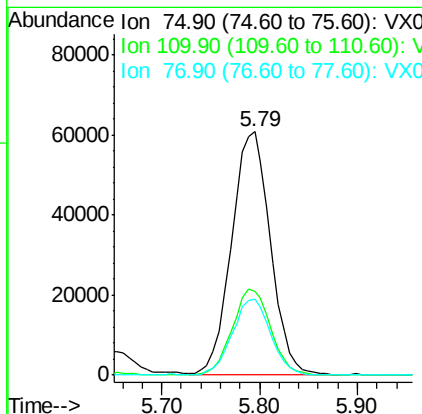
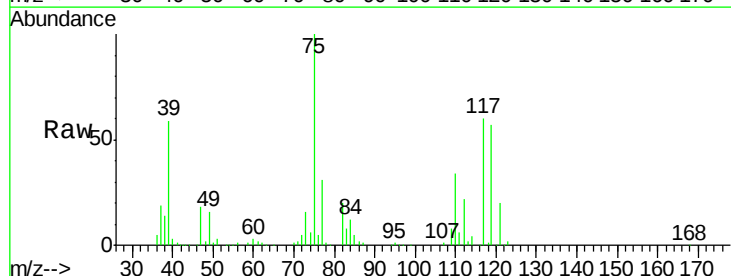
RT: 5.79 min Scan# 805

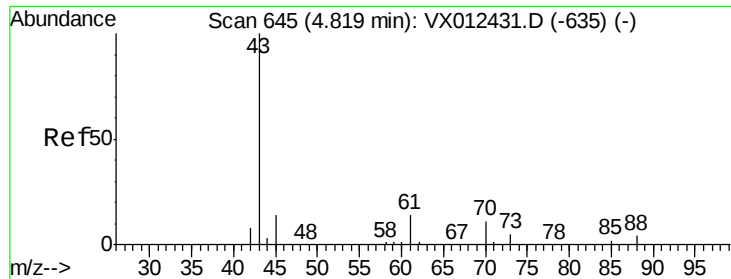
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	75	Resp:	166079
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.6	52.8
77	31.4	25.1	37.7





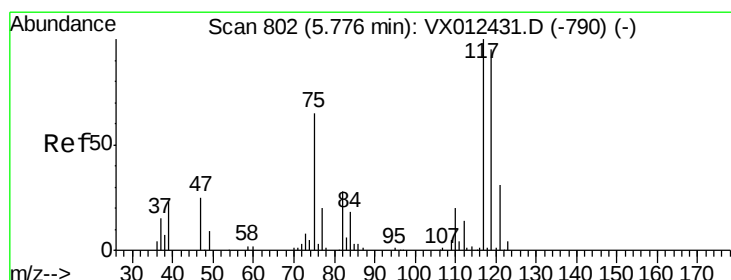
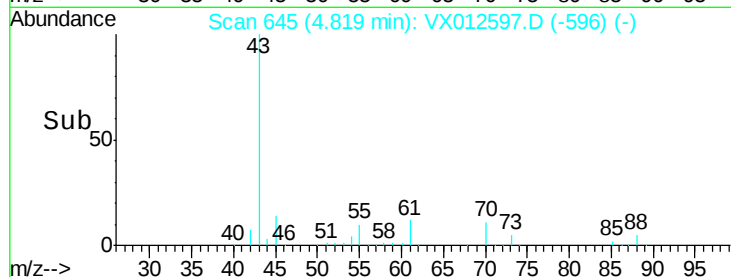
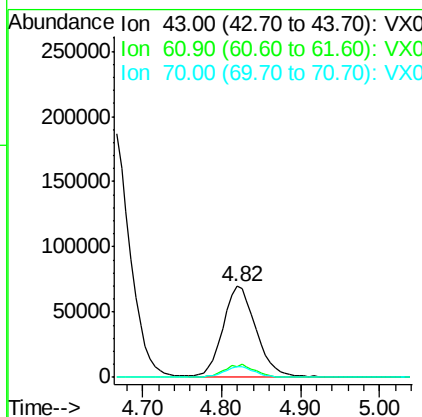
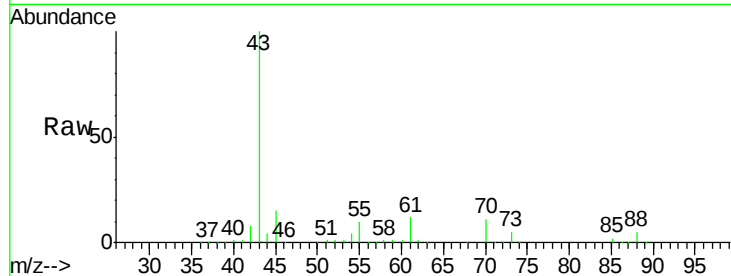
#37
Ethyl Acetate
Concen: 58.331 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	11.3	9.0	13.6

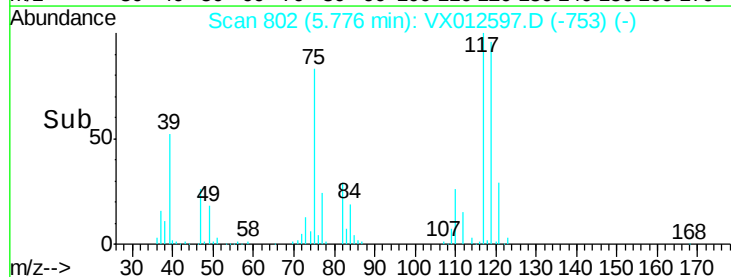
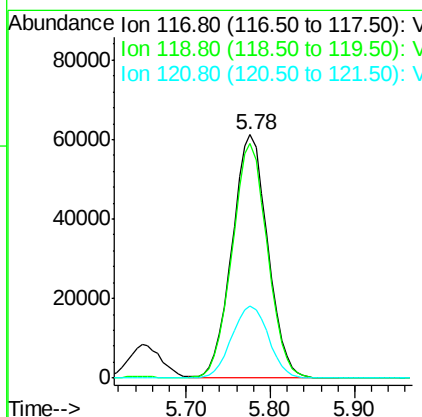
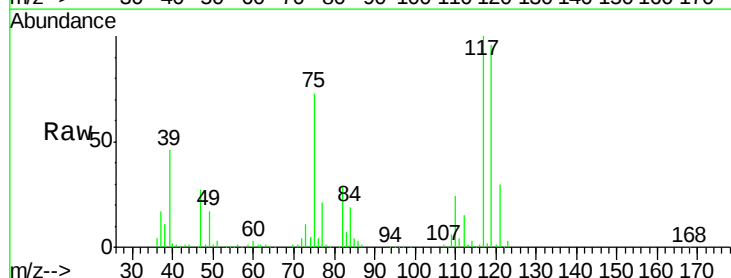
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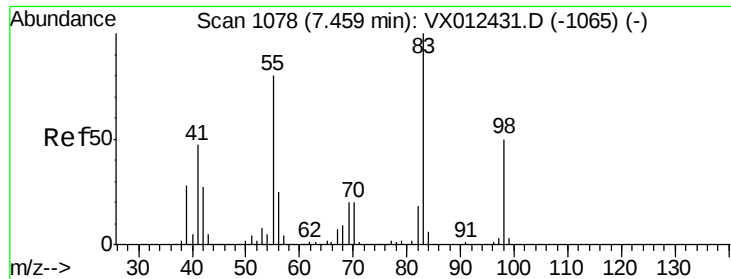
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#38
Carbon Tetrachloride
Concen: 60.578 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
121	29.6	23.7	35.5





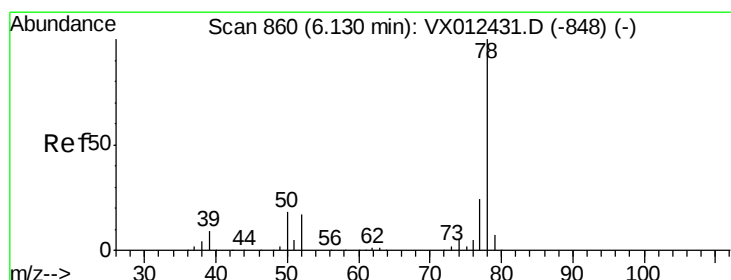
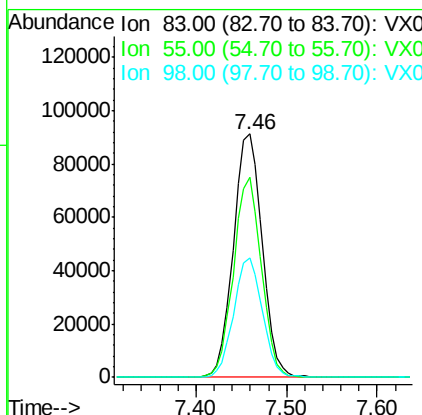
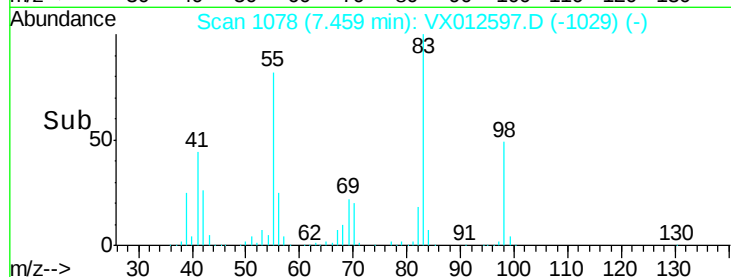
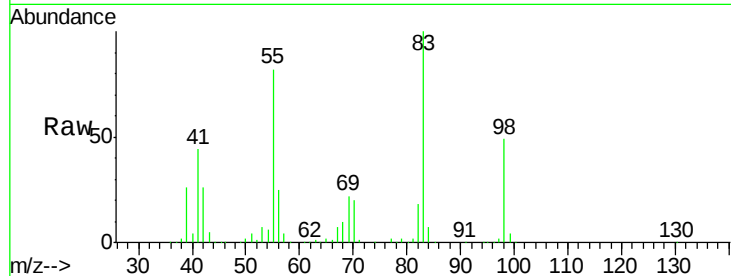
#39
Methylvlcvclohexane
Concen: 81.964 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	201395		
55	82.0		65.6	98.4
98	49.2		39.4	59.0

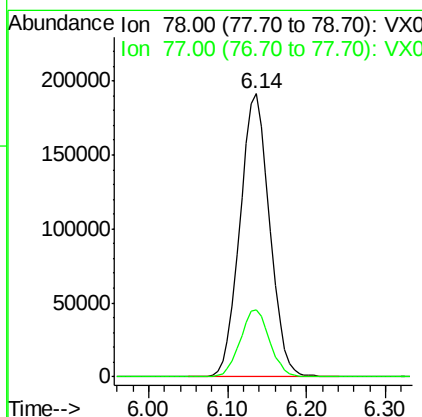
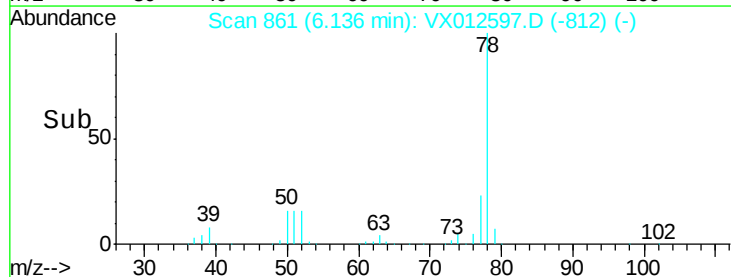
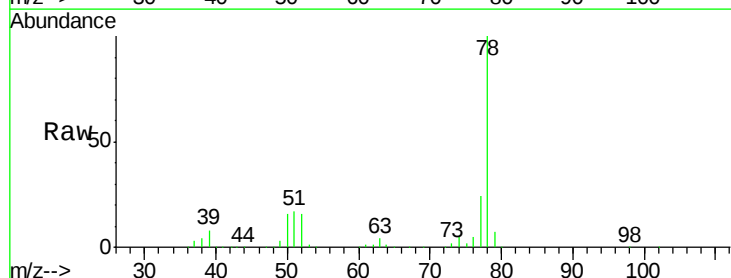
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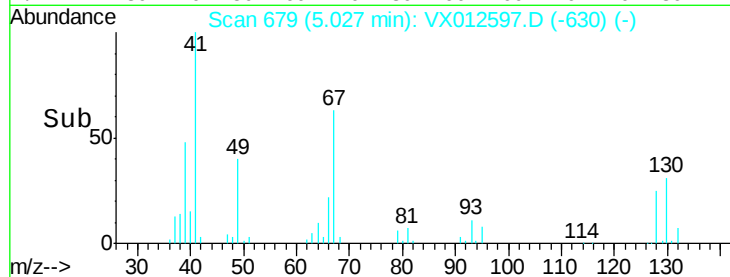
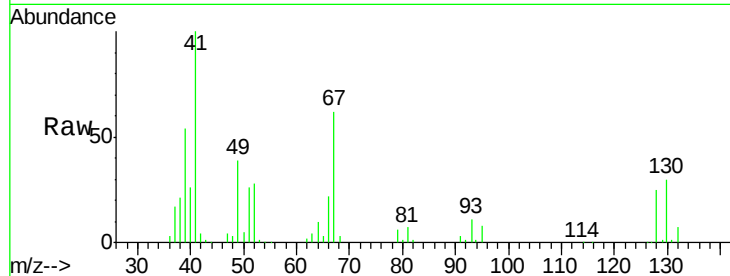
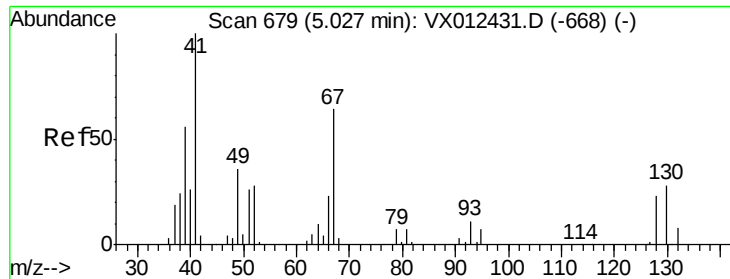
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#40
Benzene
Concen: 66.034 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	500943		
77	23.8		19.0	28.6





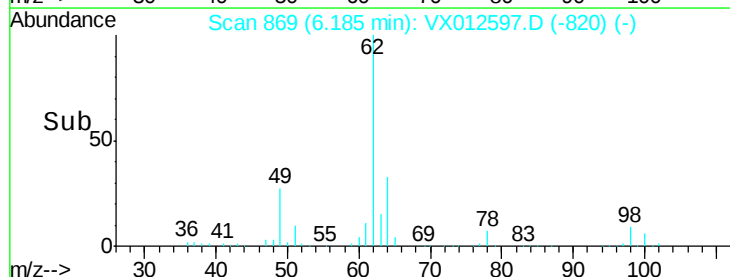
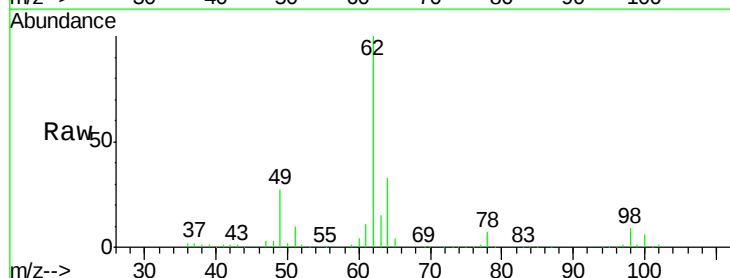
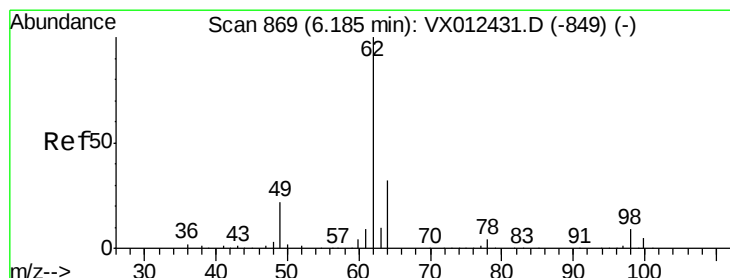
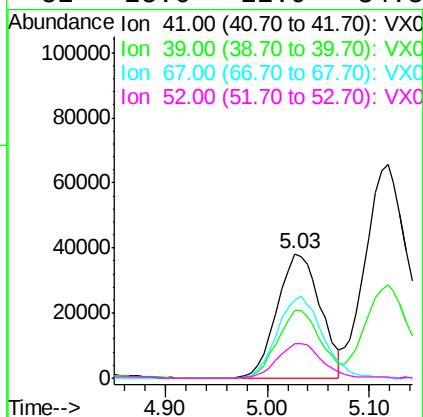
#41
Methacrylonitrile
Concen: 50.632 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.3	44.2	66.4		
67	69.0	55.2	82.8		
52	28.6	22.9	34.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

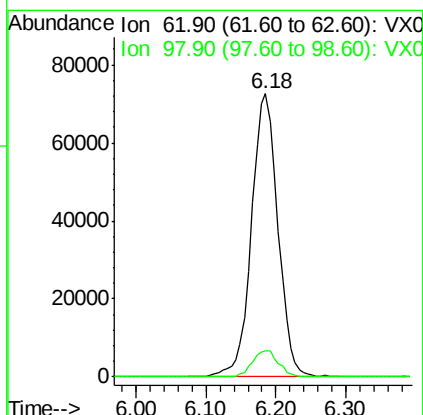
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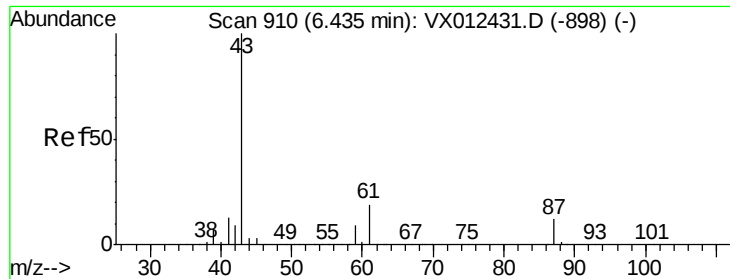
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#42
1,2-Dichloroethane
Concen: 56.217 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.2	0.0	18.4		





#43

Isopropyl Acetate

Concen: 53.596 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

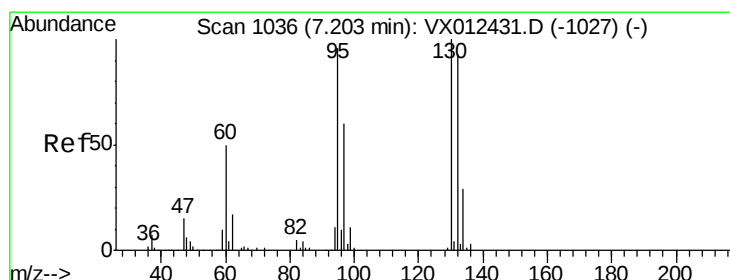
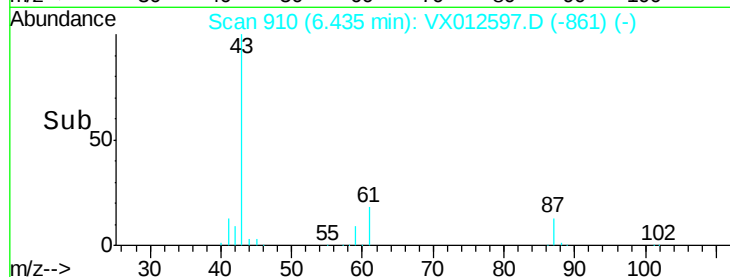
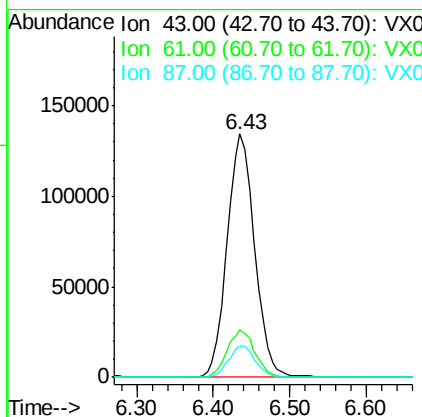
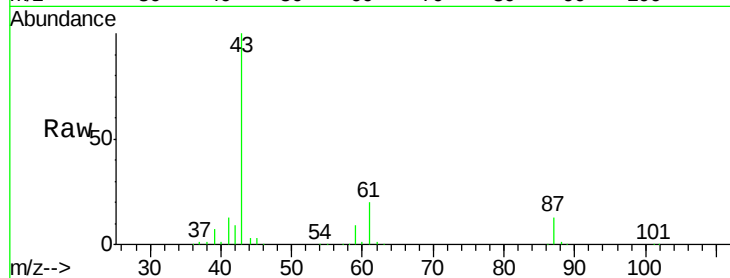
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	333637
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.8	23.8
87	12.8	10.2	15.4

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#44

Trichloroethene

Concen: 64.083 ug/l

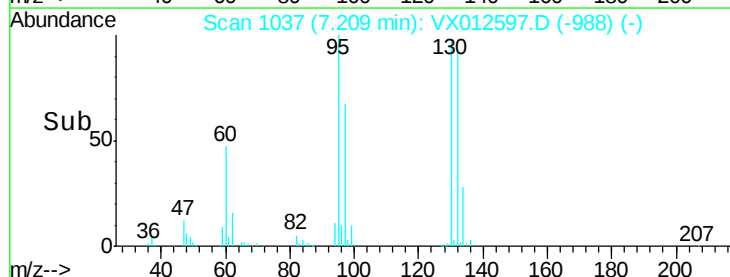
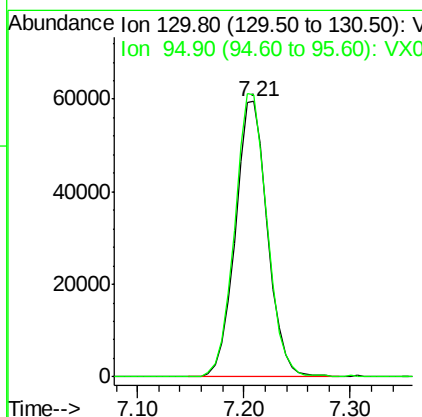
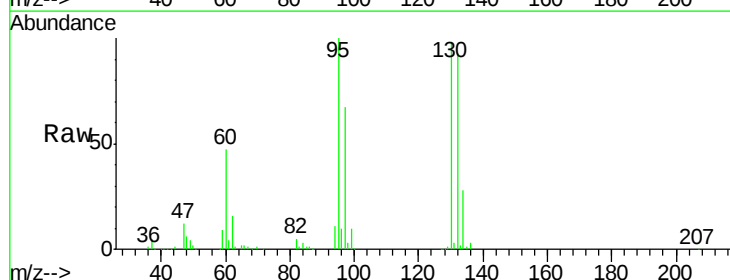
RT: 7.21 min Scan# 1037

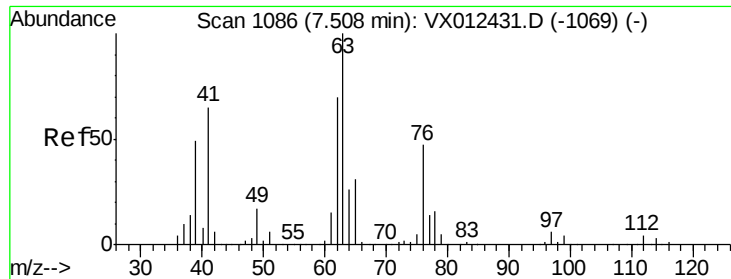
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	130	Resp:	126372
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	204.8





#45

1,2-Dichloropropane

Concen: 56.816 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 127992

Ion Ratio Lower Upper

63 100

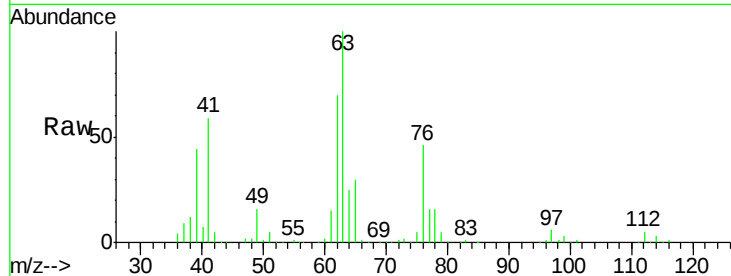
65 30.4 24.3 36.5

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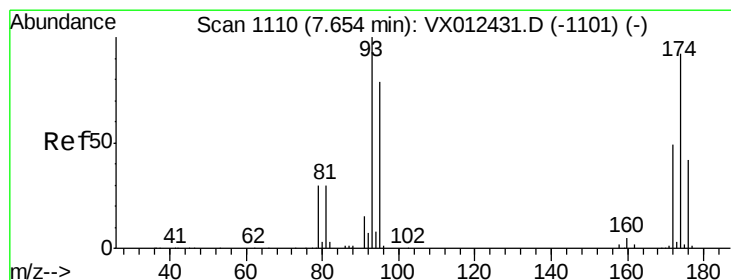
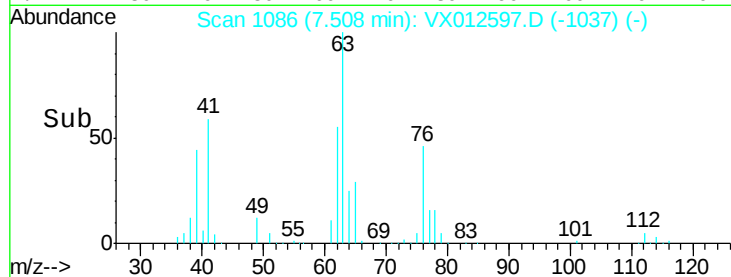
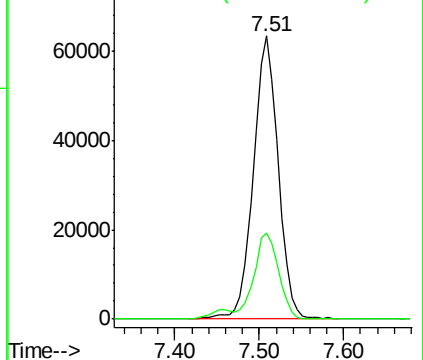
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 59.001 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

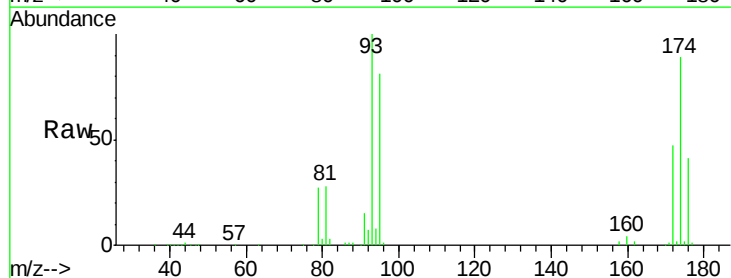
Tgt Ion: 93 Resp: 86606

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

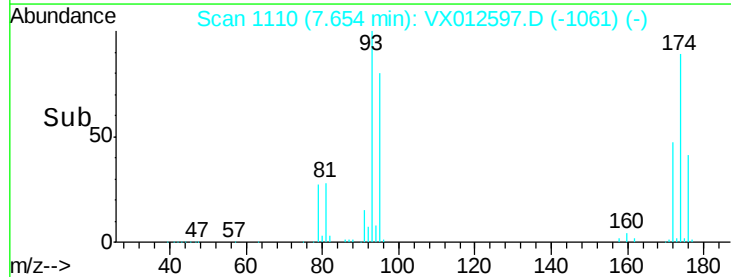
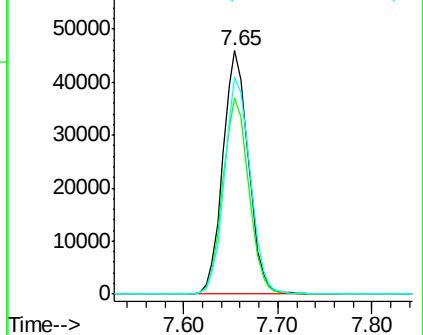
174 90.0 72.0 108.0

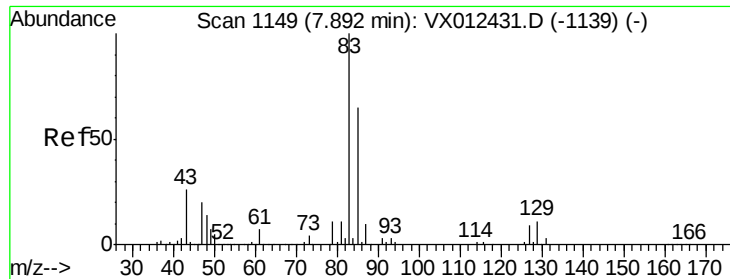


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.615 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

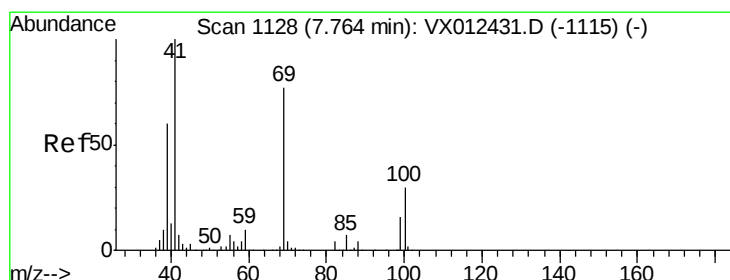
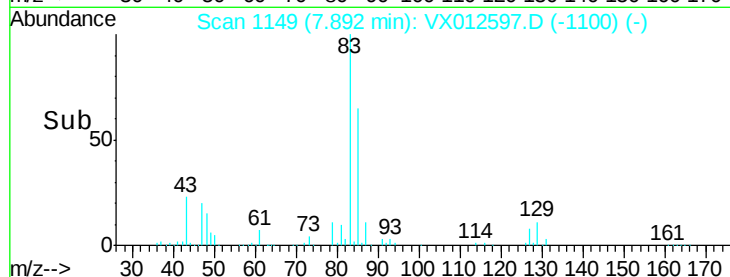
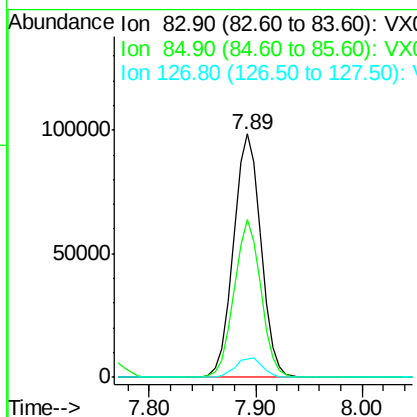
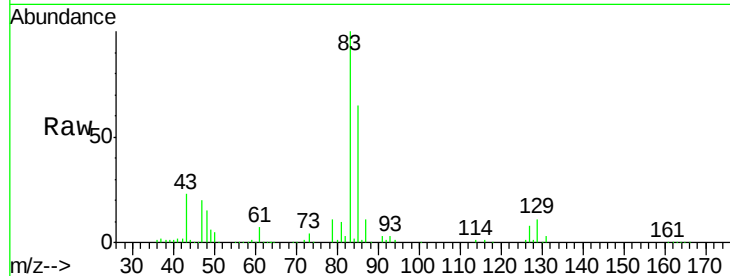
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	178214
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6
127	7.8	6.2	9.4

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#48

Methyl methacrylate

Concen: 55.489 ug/l

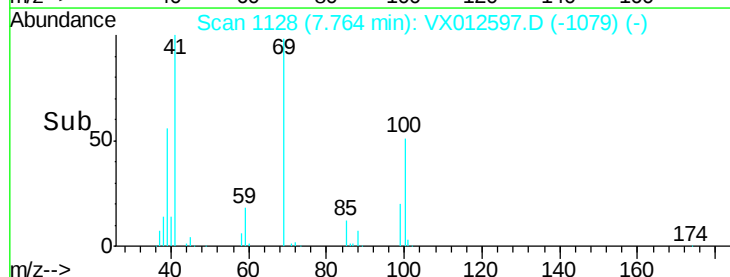
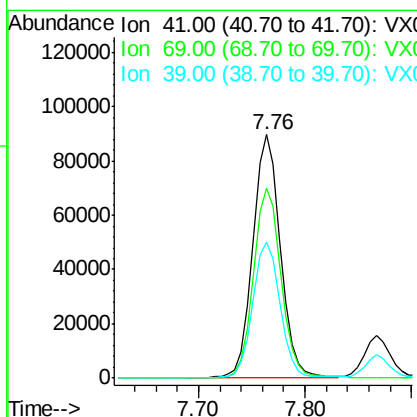
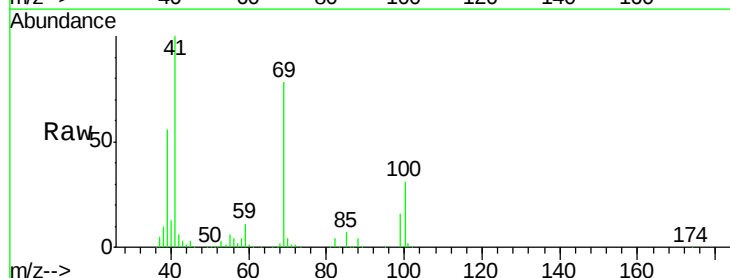
RT: 7.76 min Scan# 1128

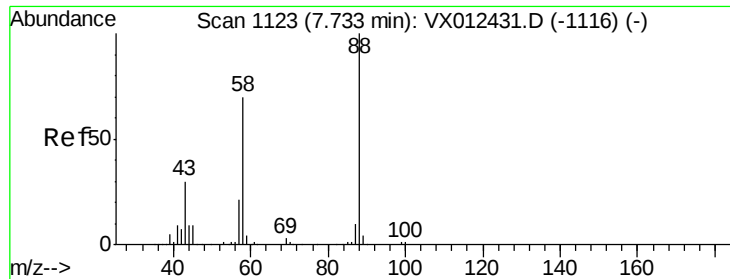
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	41	Resp:	163830
Ion Ratio	Lower	Upper	
41	100		
69	78.2	62.6	93.8
39	55.5	44.4	66.6





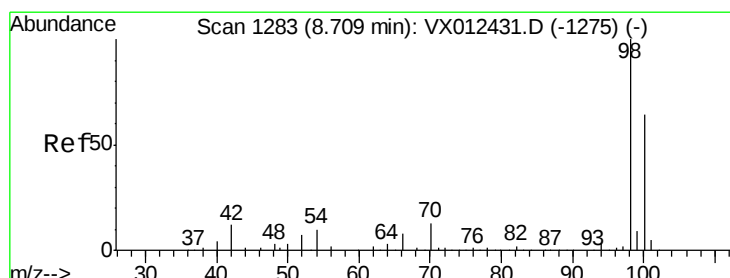
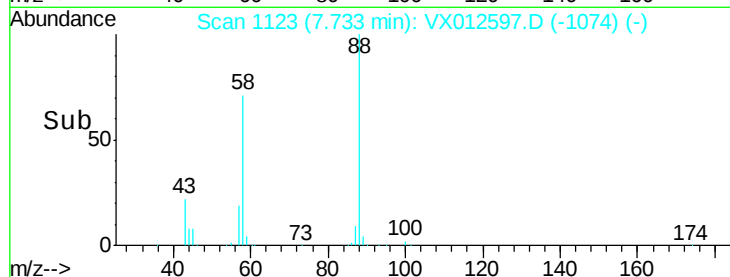
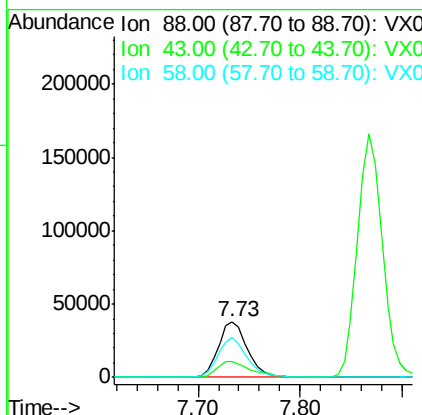
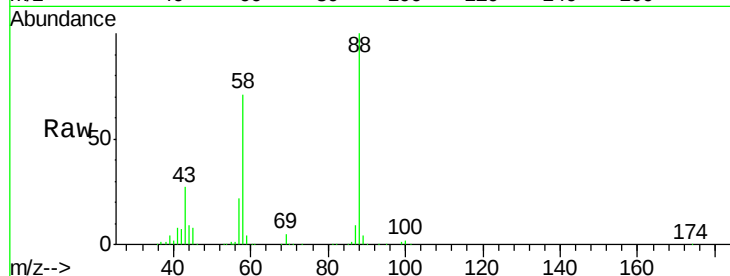
#49
1,4-Dioxane
Concen: 1055.111 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	27.6	41.4
58	71.4	57.1	85.7

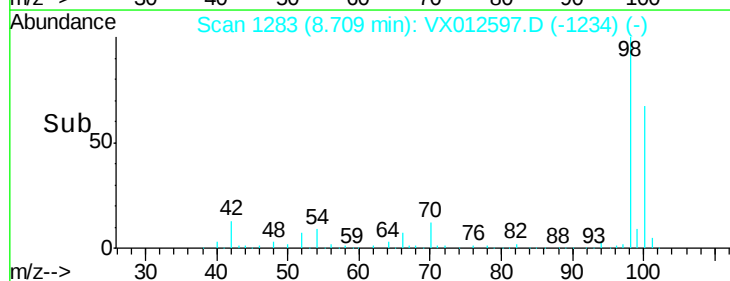
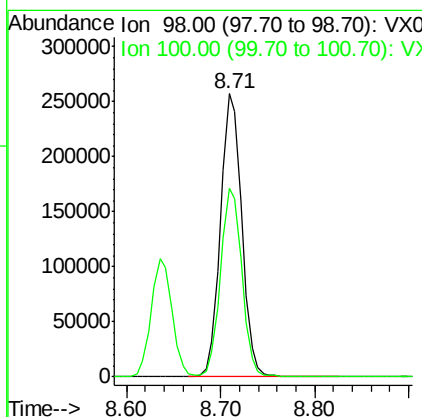
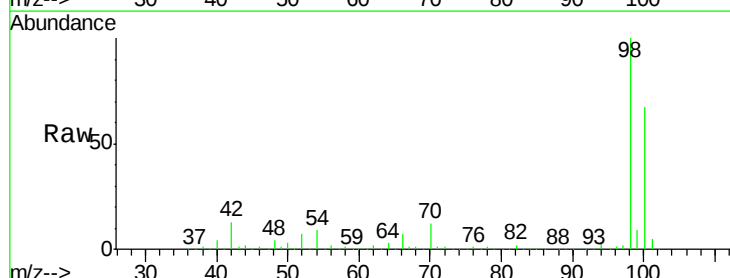
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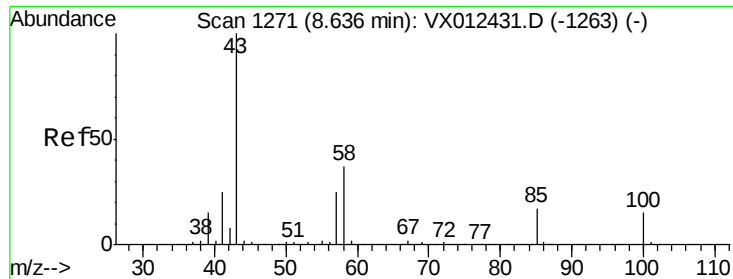
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#50
Toluene-d8
Concen: 48.233 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 257.143 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1040435

Ion Ratio Lower Upper

43 100

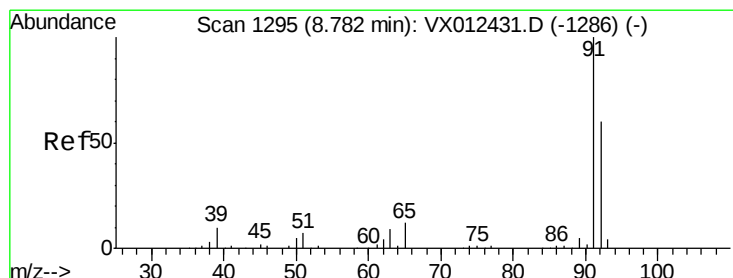
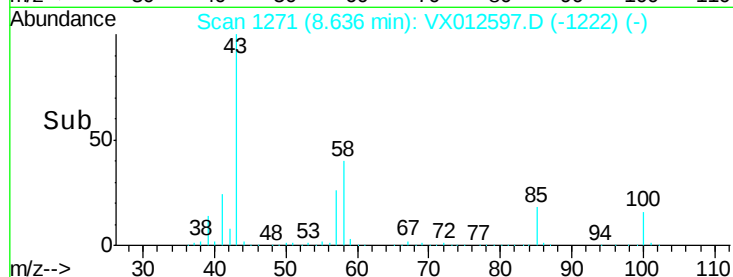
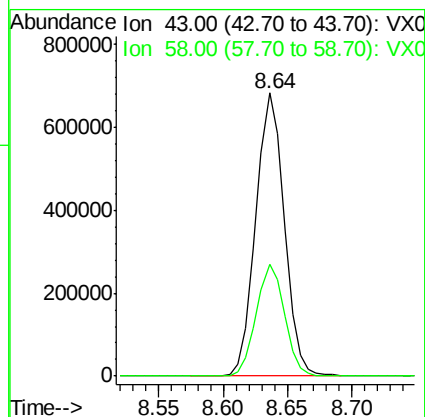
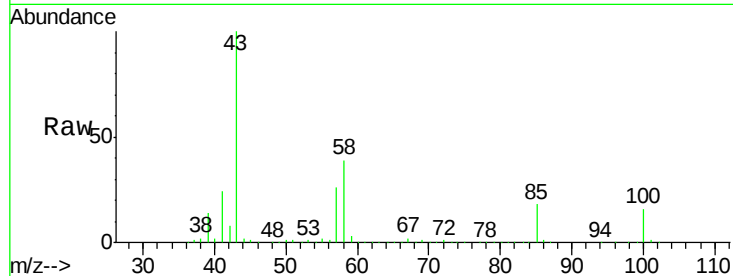
58 39.2 31.4 47.0

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#52

Toluene

Concen: 65.132 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012597.D

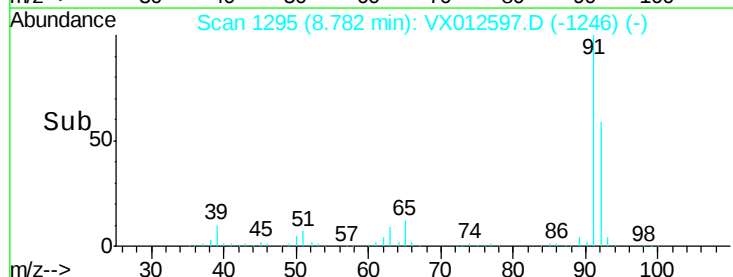
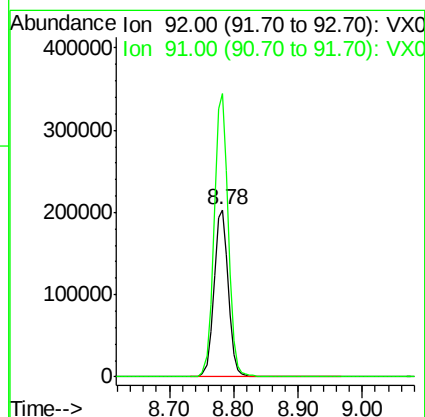
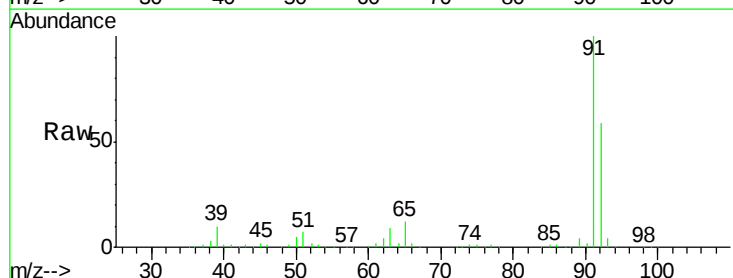
Acq: 23 Sep 2019 11:19

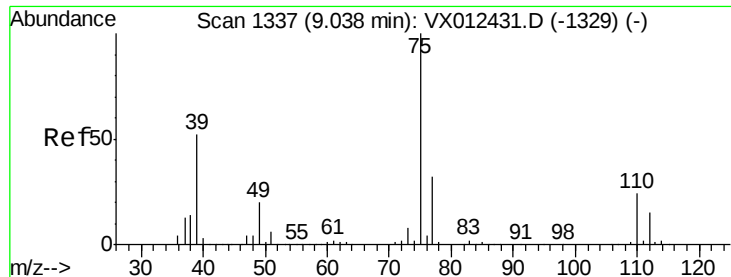
Tgt Ion: 92 Resp: 316354

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.4





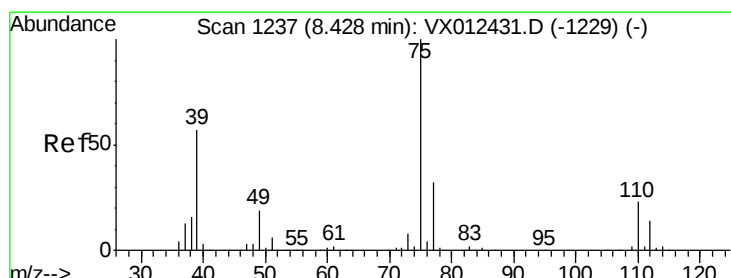
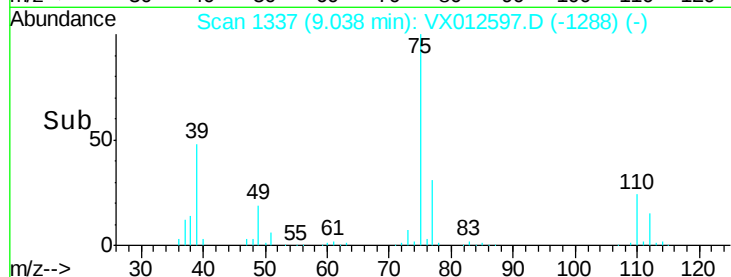
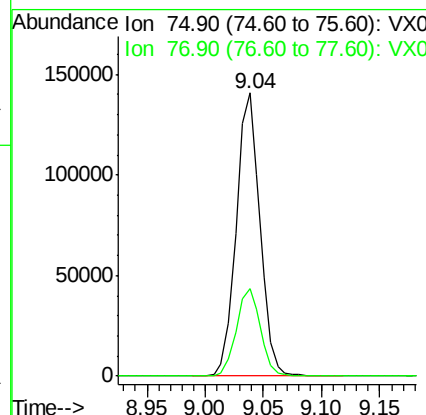
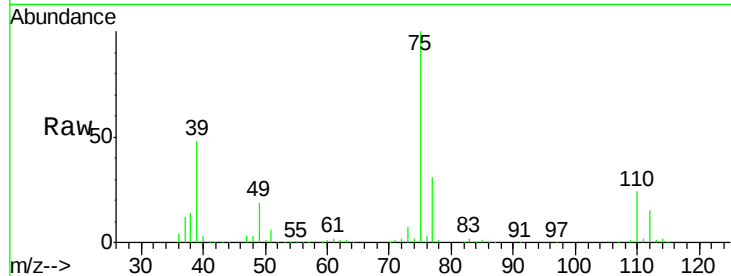
#53
t-1,3-Dichloropropene
Concen: 59.292 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	199495		
77	31.1	24.9	37.3	

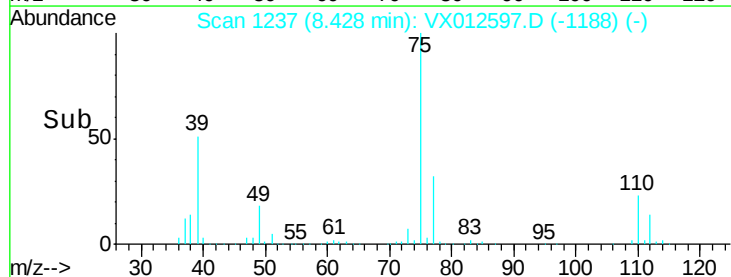
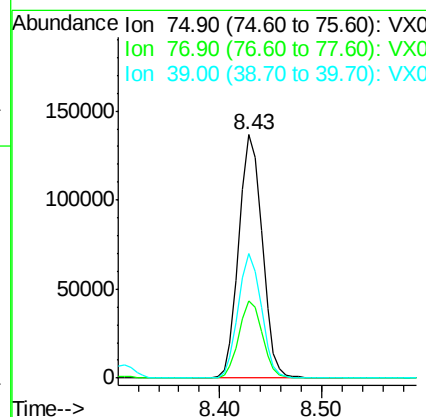
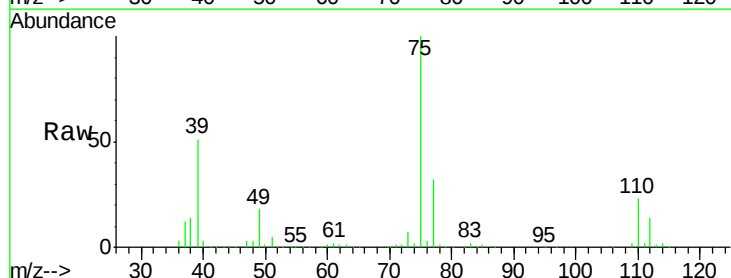
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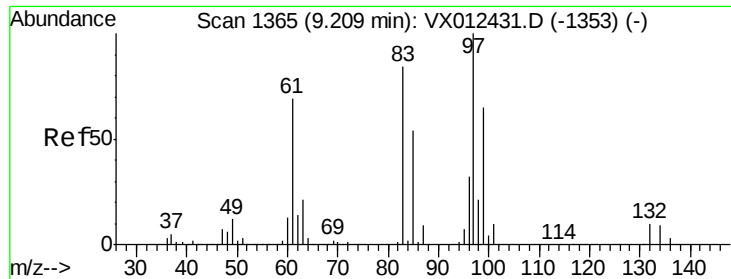
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#54
cis-1,3-Dichloropropene
Concen: 61.618 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216689		
77	31.9	25.5	38.3	
39	50.9	40.7	61.1	





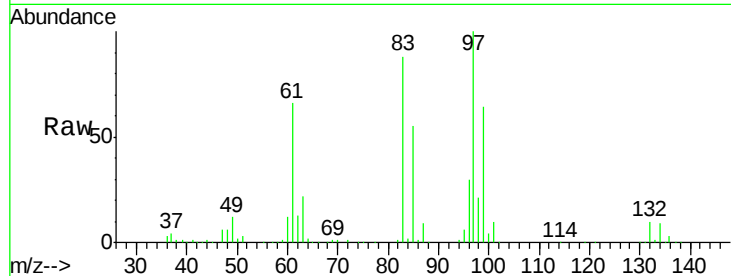
#55
 1,1,2-Trichloroethane
 Concen: 52.583 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

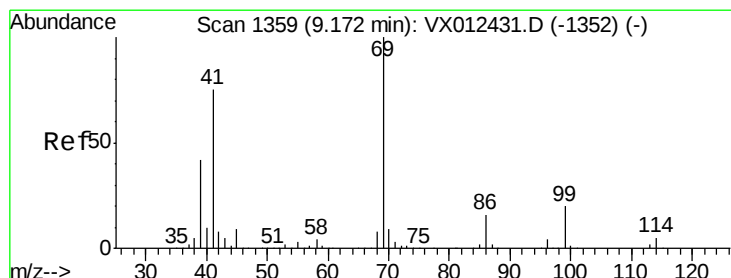
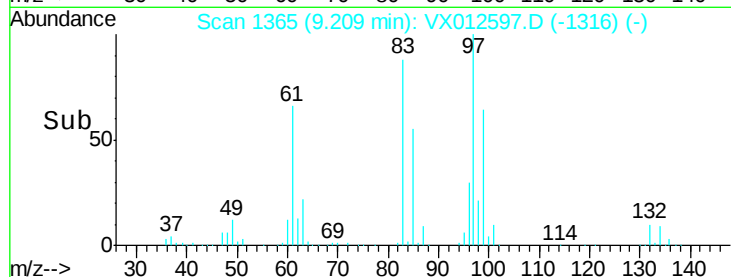
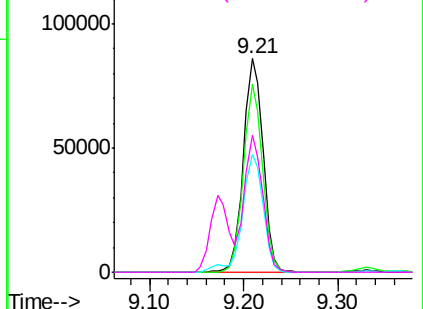
Tot Ion:	97	Resp:	125822
Ion Ratio	Lower	Upper	
97	100		
83	88.1	70.5	105.7
85	54.9	43.9	65.9
99	64.0	51.2	76.8

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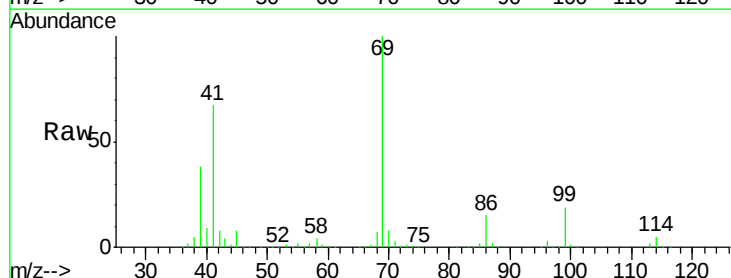


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

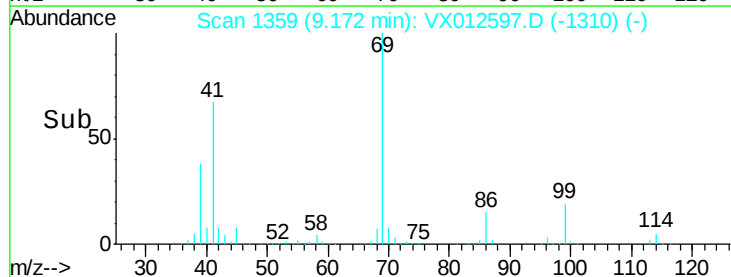
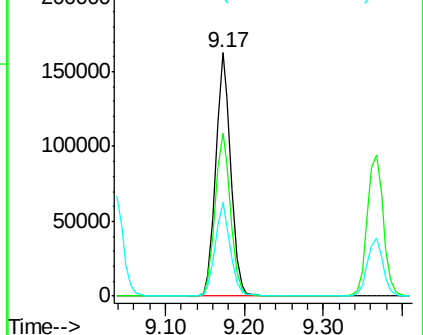


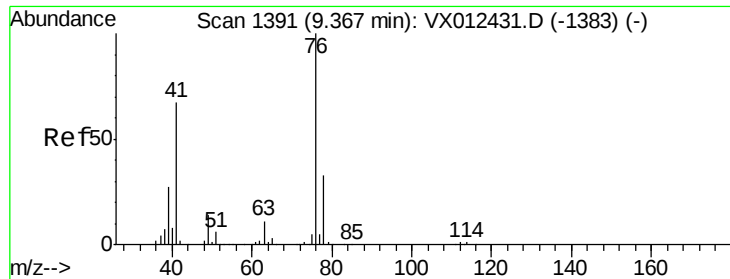
#56
 Ethyl methacrylate
 Concen: 57.314 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion:	69	Resp:	216890
Ion Ratio	Lower	Upper	
69	100		
41	68.4	54.7	82.1
39	38.3	30.6	46.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.408 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 217777

Ion Ratio Lower Upper

76 100

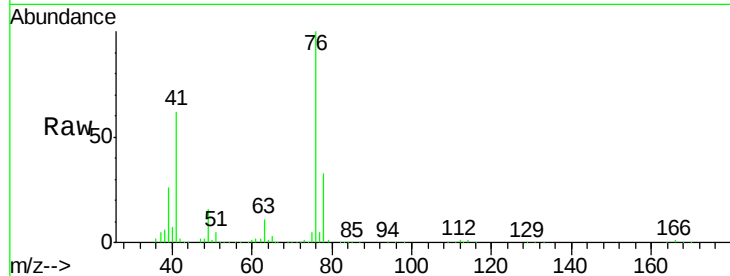
78 32.5 26.0 39.0

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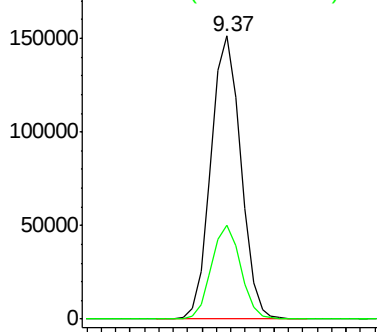
MMDadoda

9/24/2019 10:07:23 AM

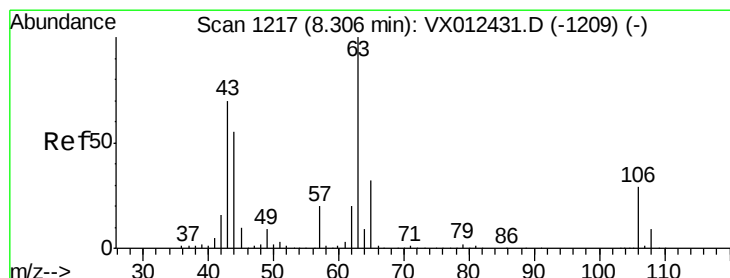
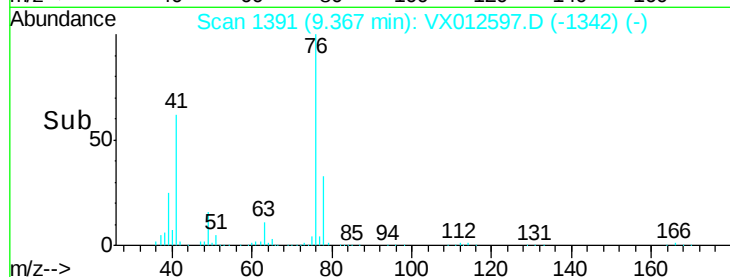


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.563 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012597.D

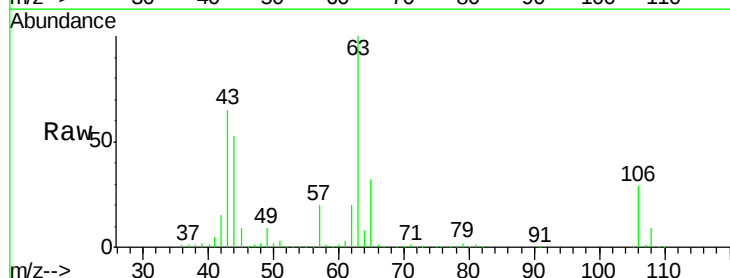
Acq: 23 Sep 2019 11:19

Tgt Ion: 63 Resp: 510260

Ion Ratio Lower Upper

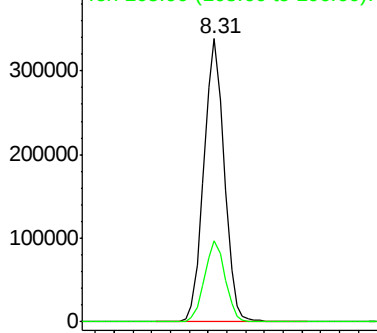
63 100

106 29.0 23.2 34.8

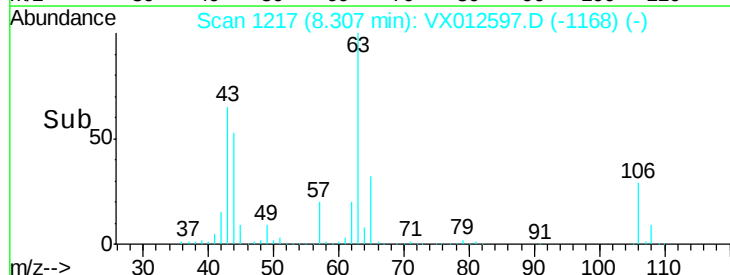


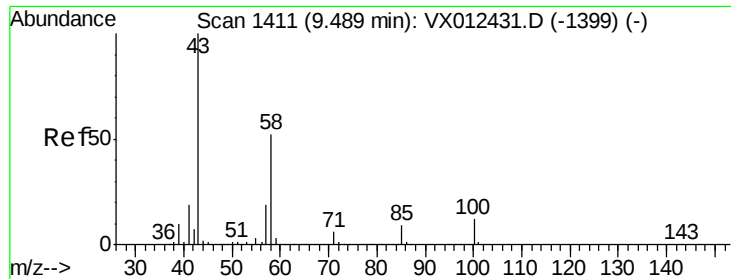
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->





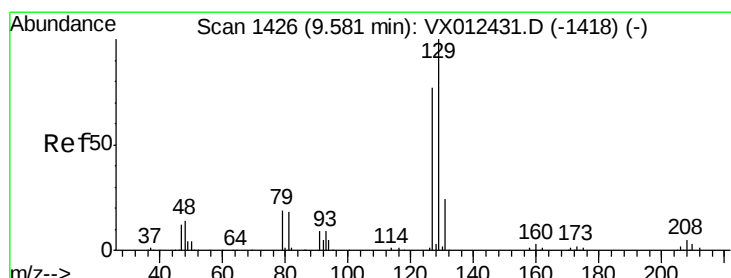
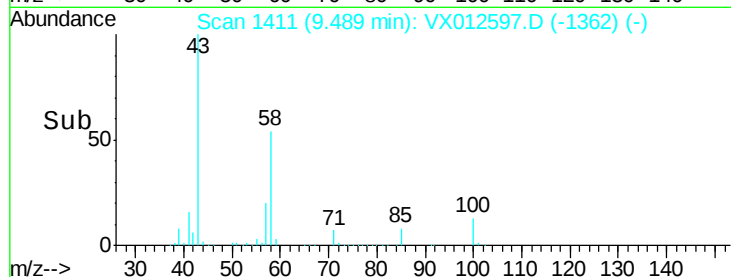
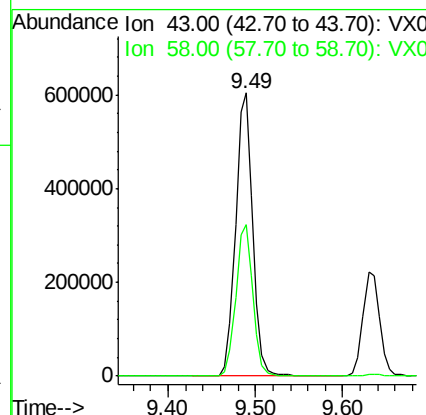
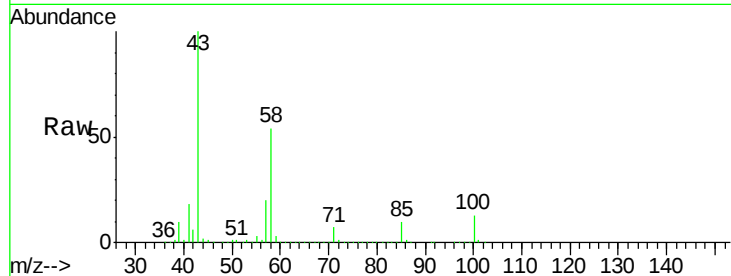
#59
2-Hexanone
Concen: 260.249 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 822455
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4

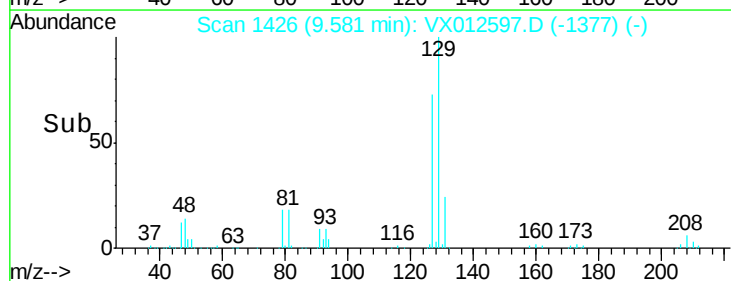
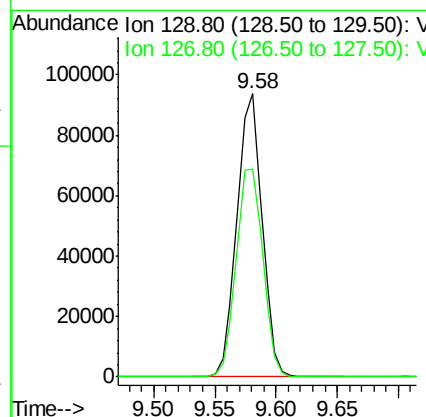
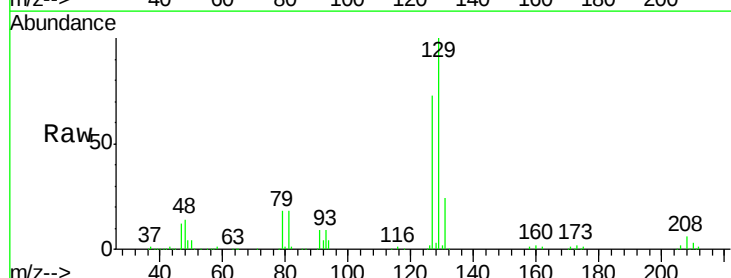
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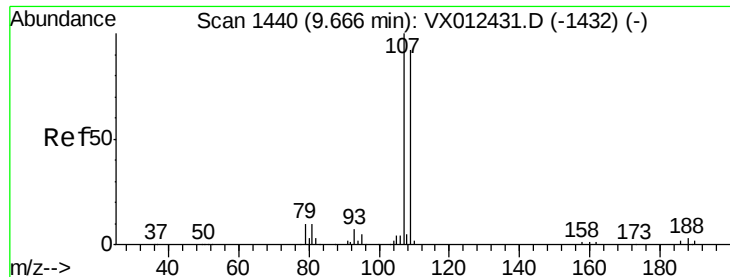
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#60
Dibromochloromethane
Concen: 55.042 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 129 Resp: 133327
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 59.861 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 133083

Ion Ratio Lower Upper

107 100

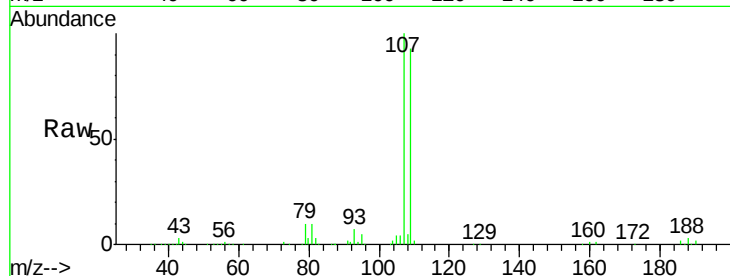
109 92.9 74.3 111.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

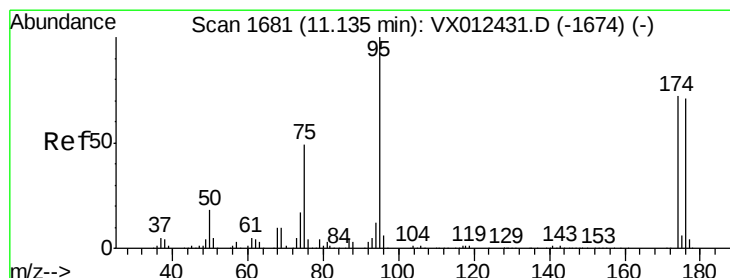
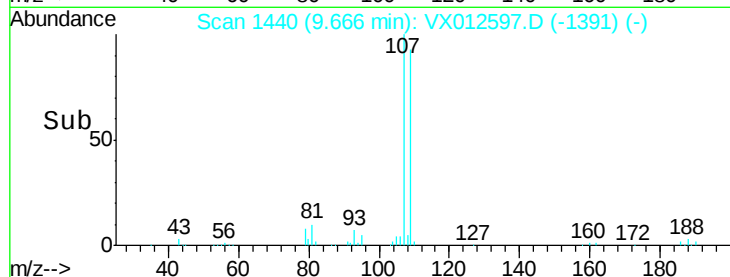
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.799 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

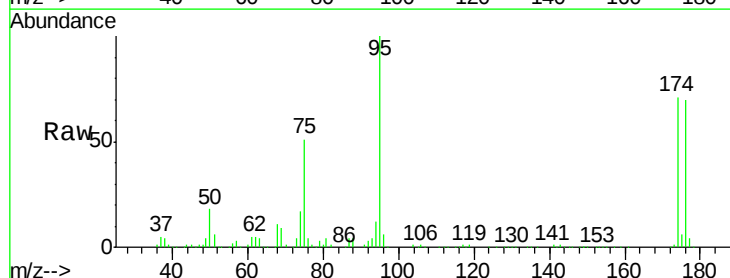
Tgt Ion: 95 Resp: 157841

Ion Ratio Lower Upper

95 100

174 67.3 0.0 134.6

176 66.1 0.0 132.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

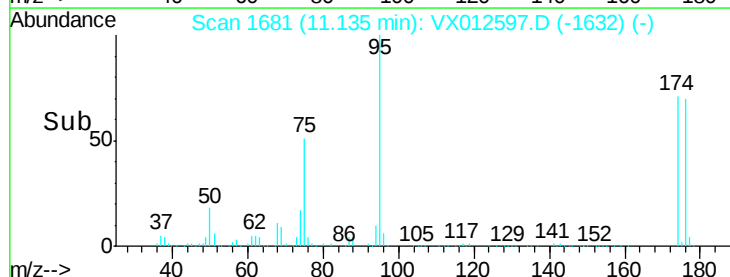
150000

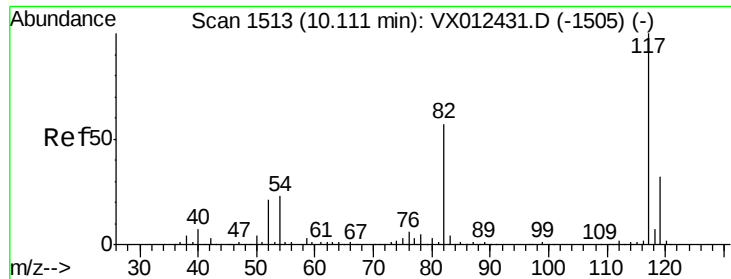
100000

50000

0

Time--> 11.10 11.20





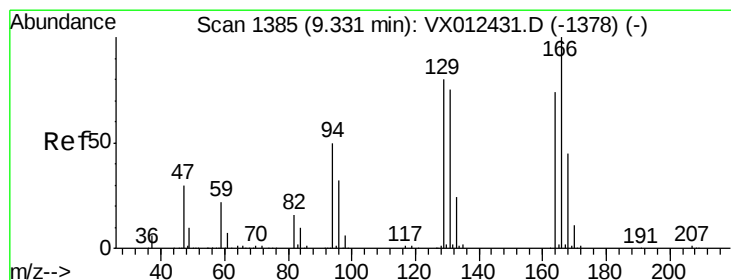
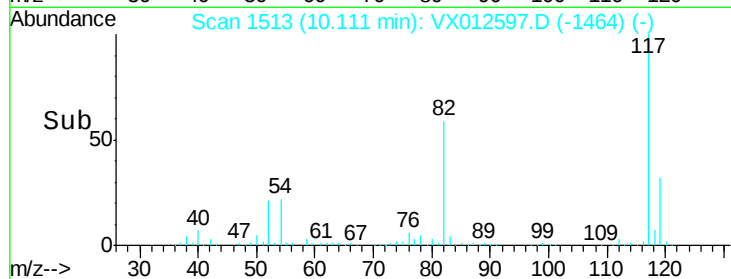
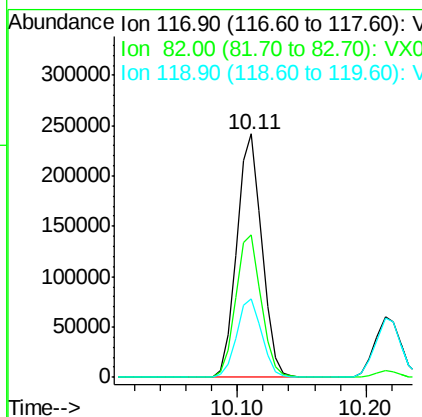
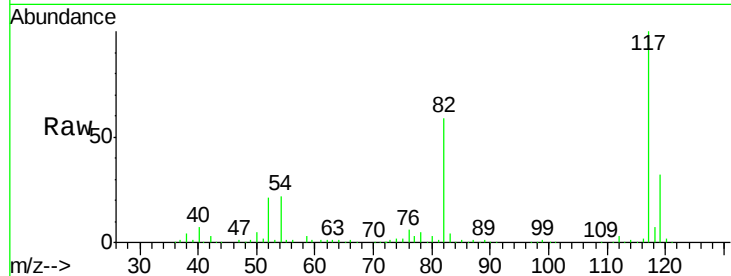
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.0	70.4
119	32.2	25.8	38.6

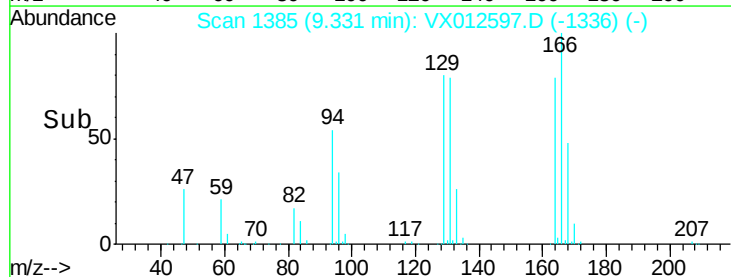
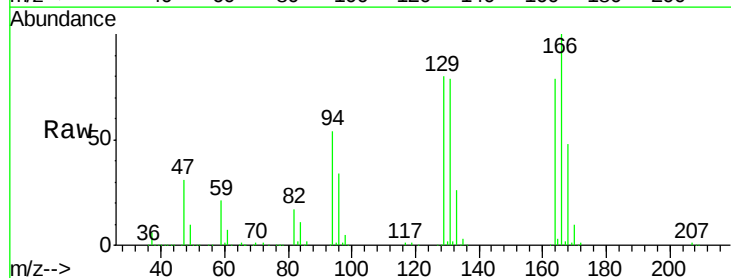
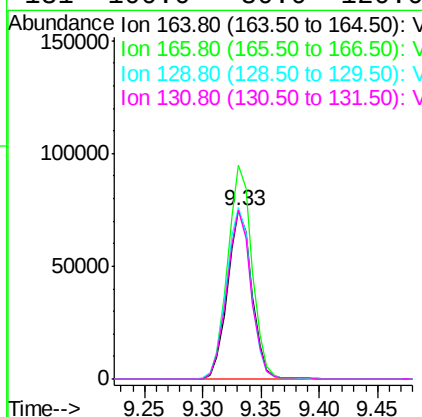
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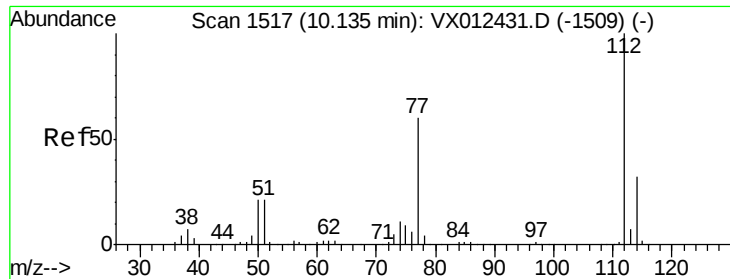
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#64
Tetrachloroethene
Concen: 67.970 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.3	151.9
129	101.4	81.1	121.7
131	100.0	80.0	120.0





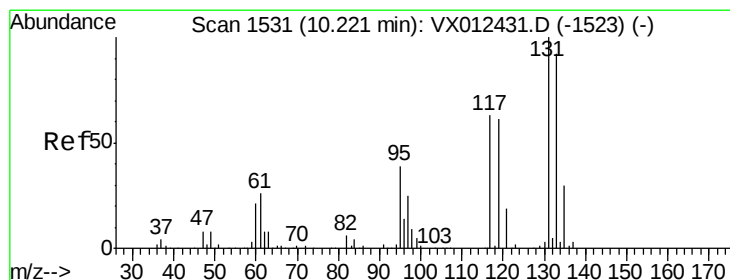
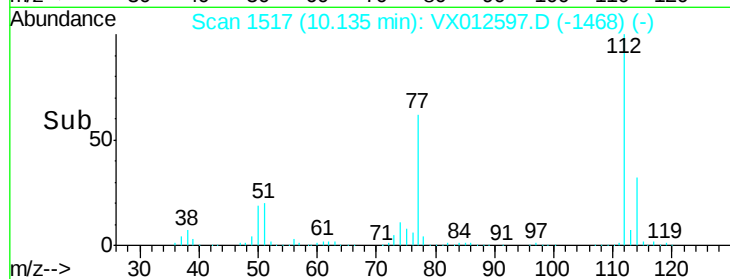
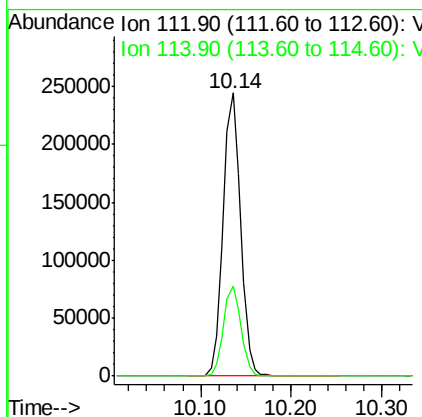
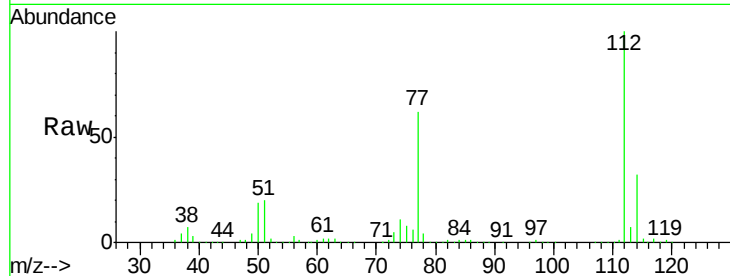
#65
Chlorobenzene
Concen: 59.109 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

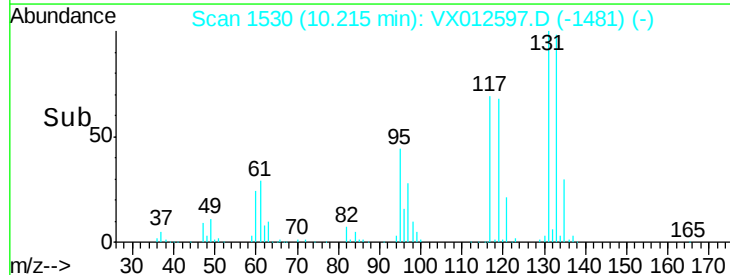
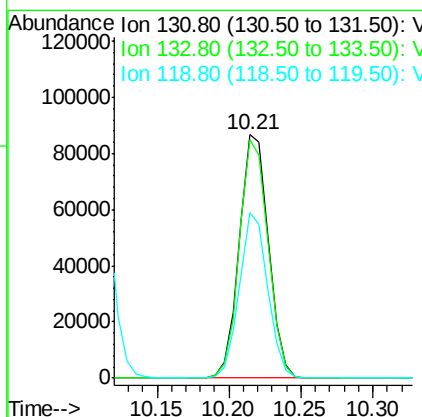
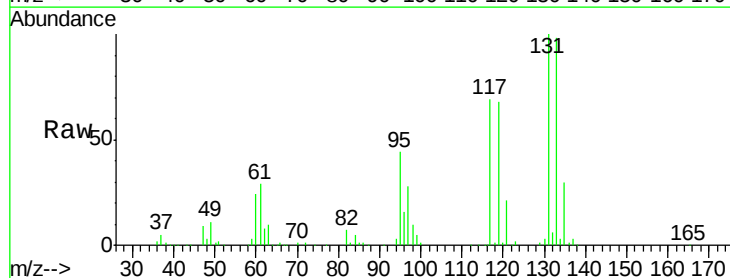
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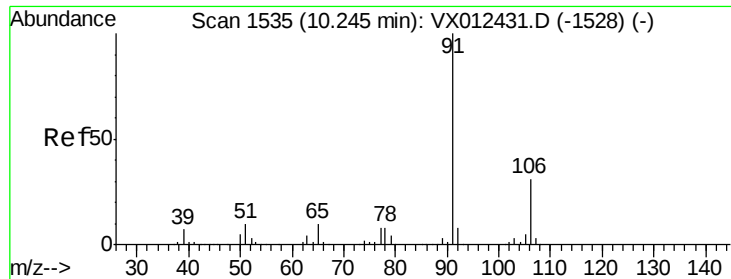
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.152 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.0	144.2
119	66.0	33.0	99.0





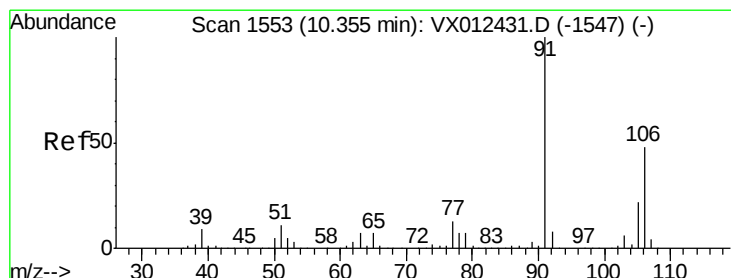
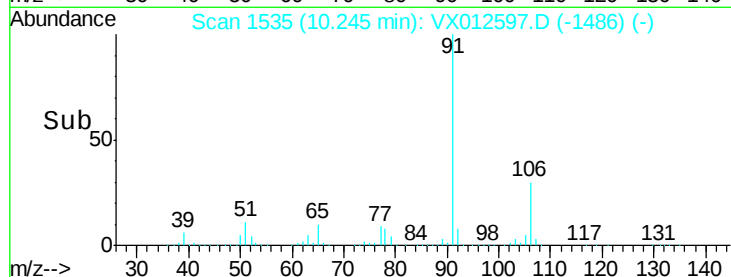
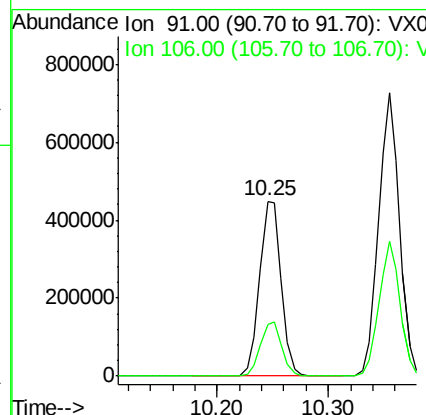
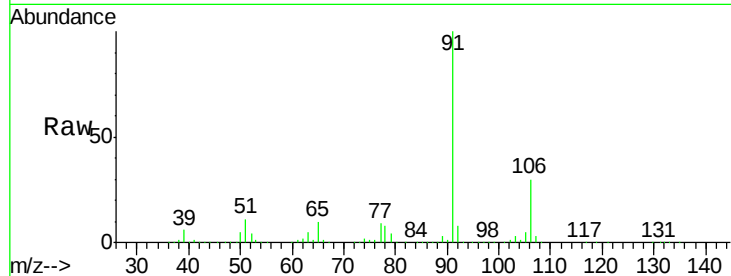
#67
Ethyl Benzene
Concen: 62.919 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 606318
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

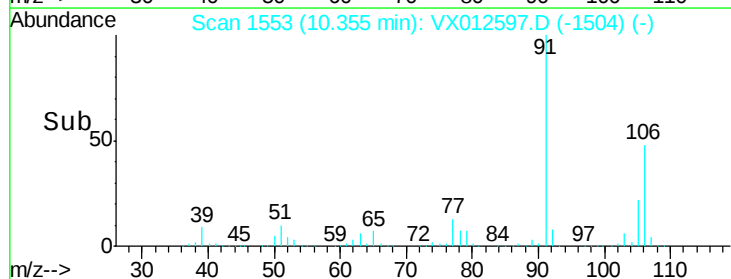
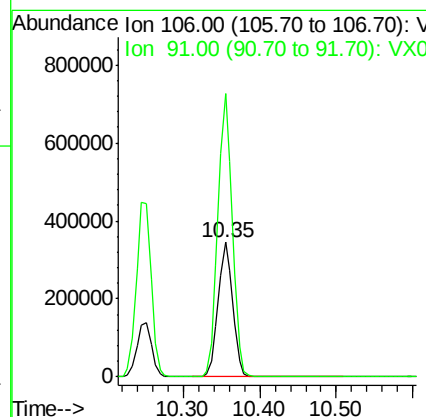
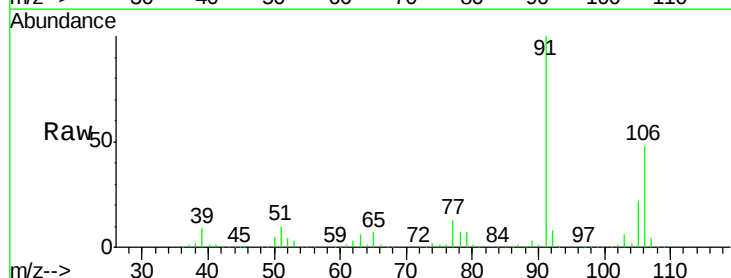
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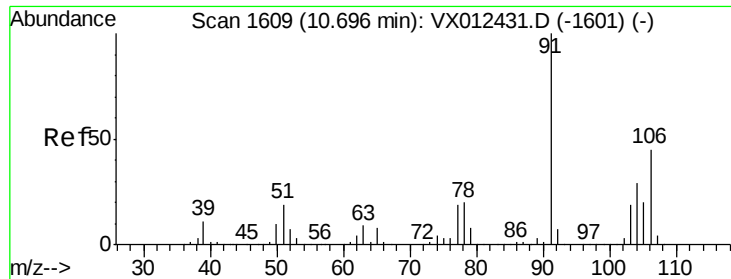
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#68
m/p-Xylenes
Concen: 129.109 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 106 Resp: 455577
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9





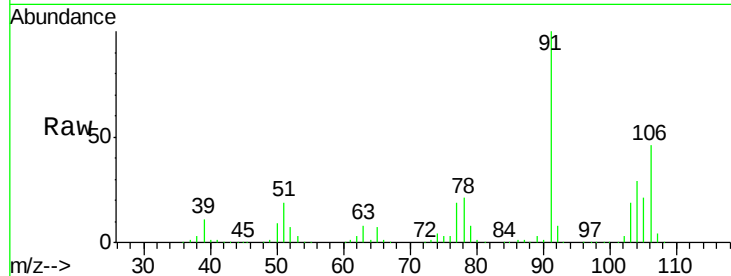
#69
o-Xylene
Concen: 61.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

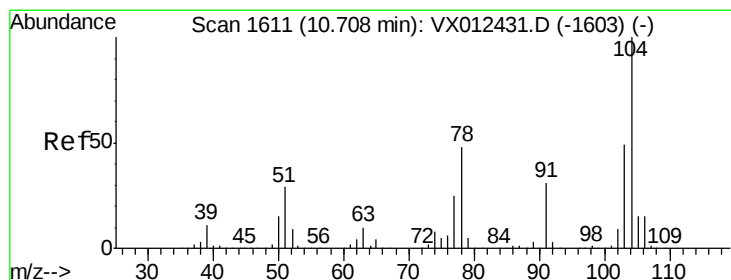
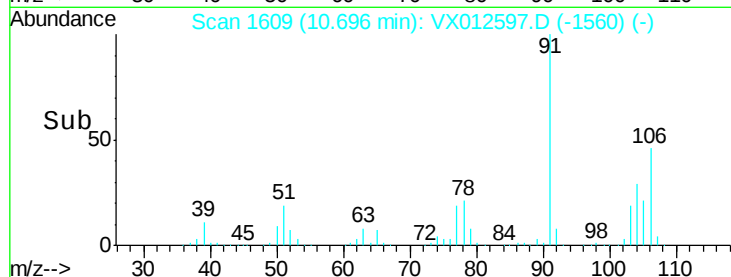
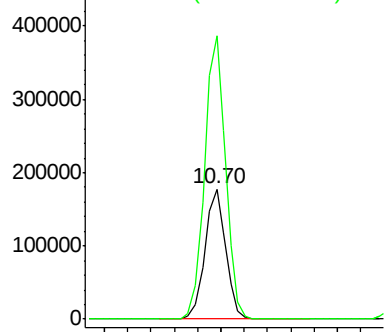
Tot Ion:106 Resp: 219392
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

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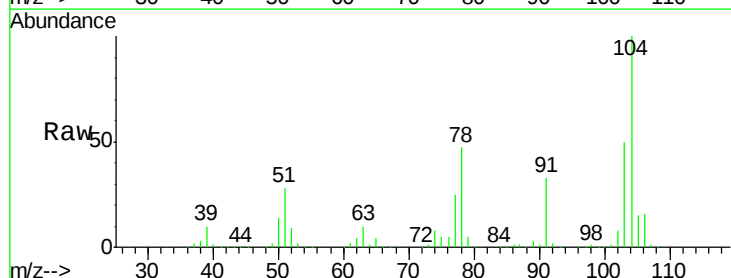


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

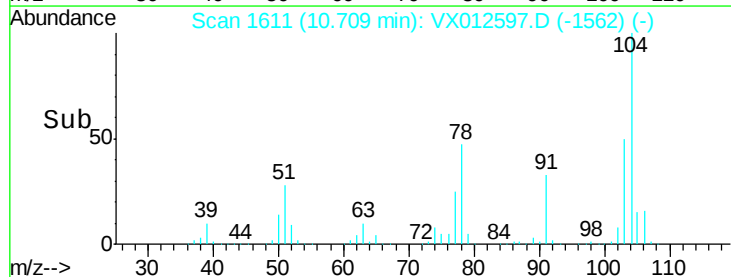
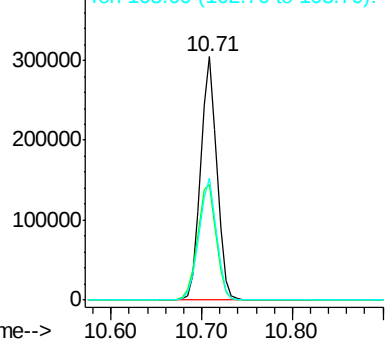


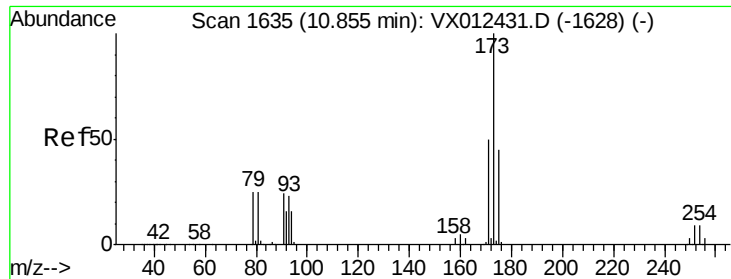
#70
Styrene
Concen: 60.270 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:104 Resp: 379069
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.943 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 87696

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

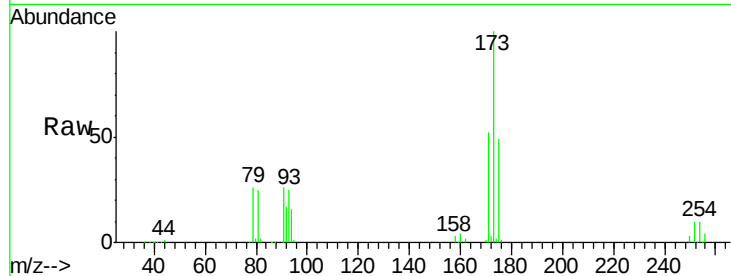
254 0.1 0.1 0.1#

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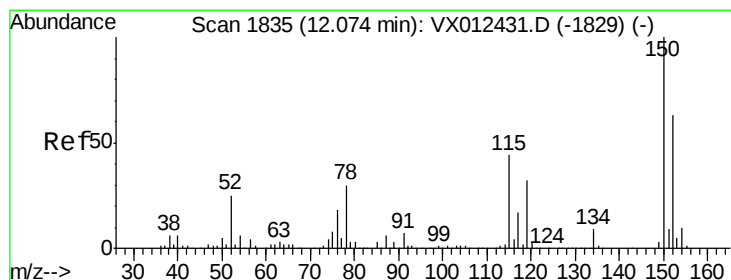
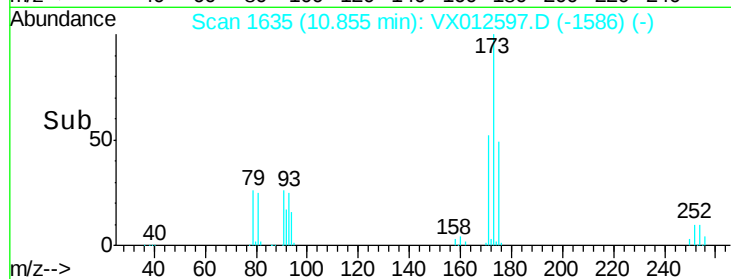
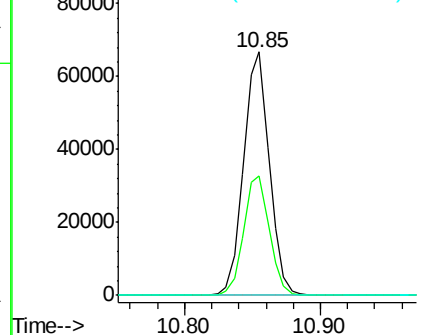
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

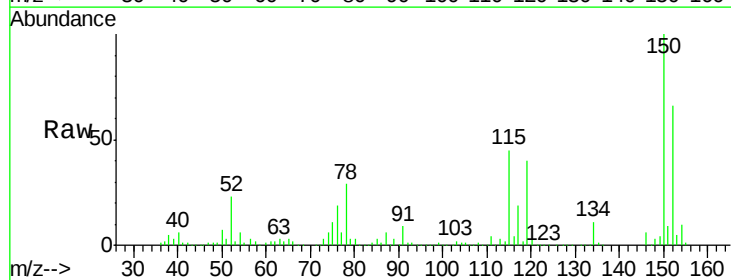
Tgt Ion:152 Resp: 152115

Ion Ratio Lower Upper

152 100

115 90.4 45.2 135.6

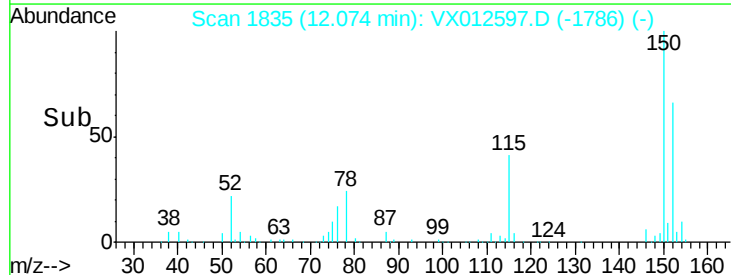
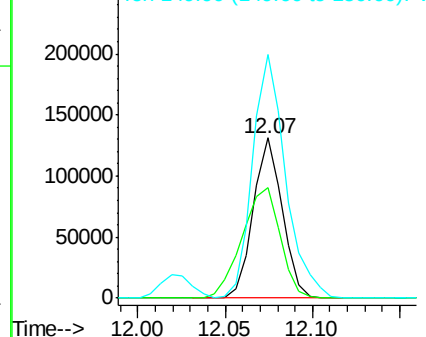
150 173.1 0.0 346.2

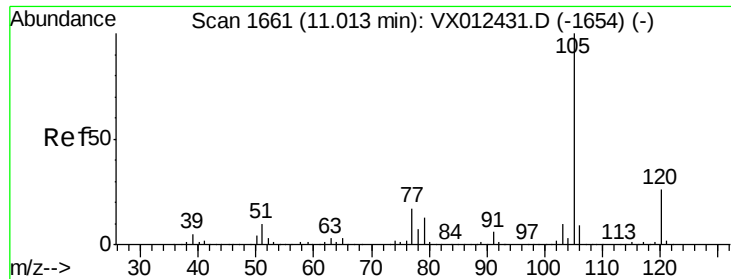


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 60.116 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 590681

Ion Ratio Lower Upper

105 100

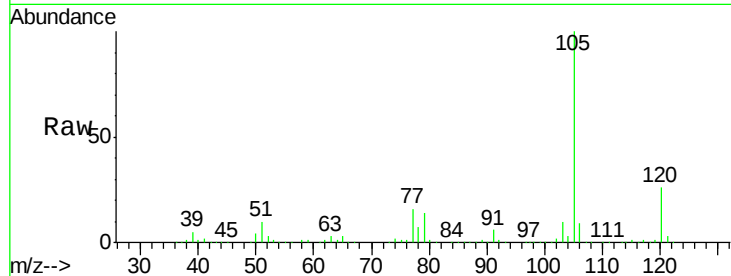
120 25.8 12.9 38.7

Manual Integrations

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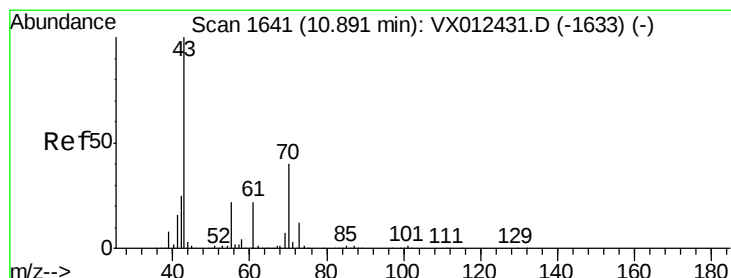
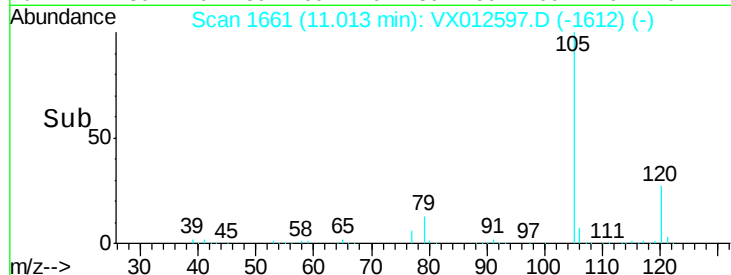
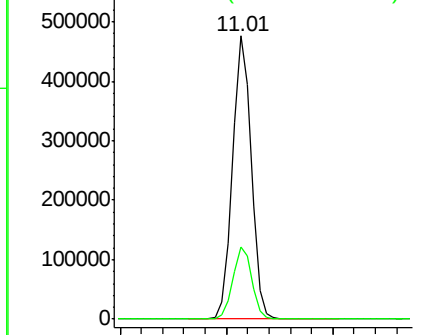
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.304 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 291955

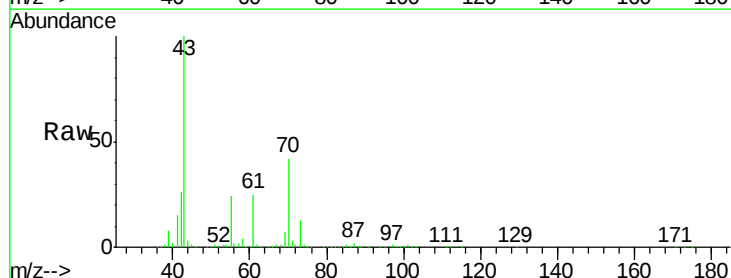
Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.8

55 24.0 19.2 28.8

61 24.2 19.4 29.0

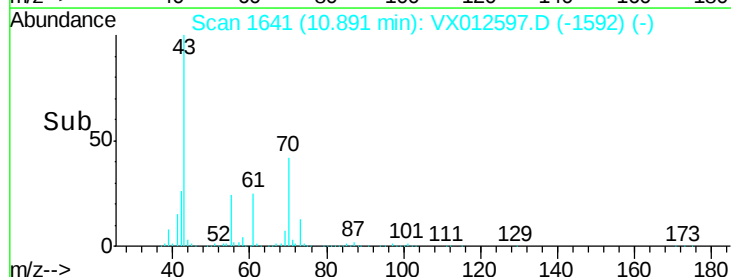
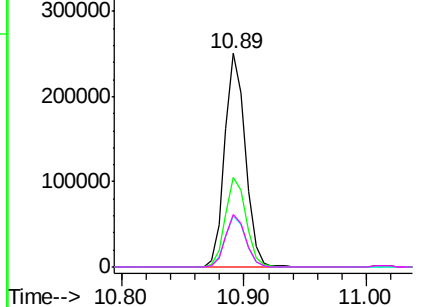


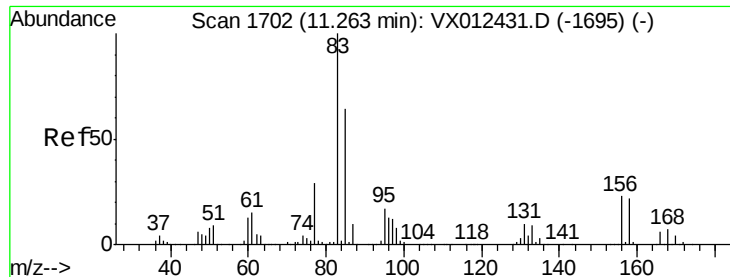
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.651 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

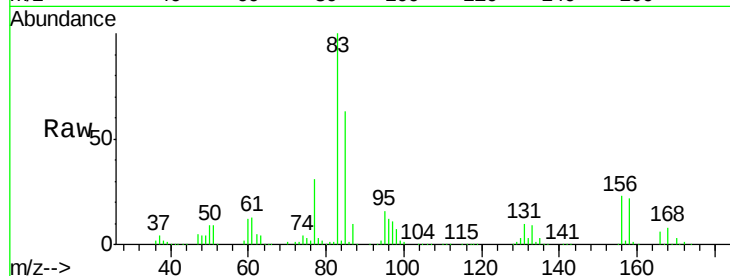
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	197353
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.1	32.0	96.2

Manual Integrations
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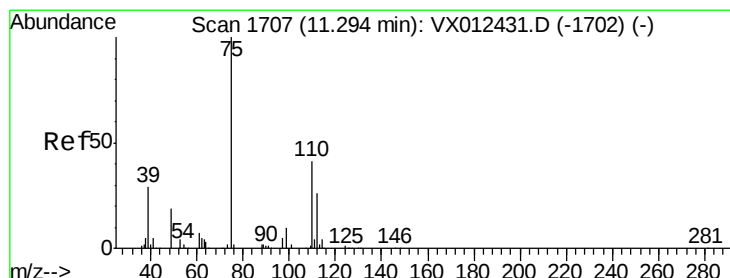
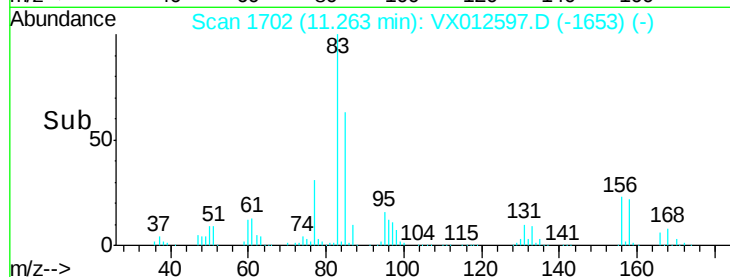
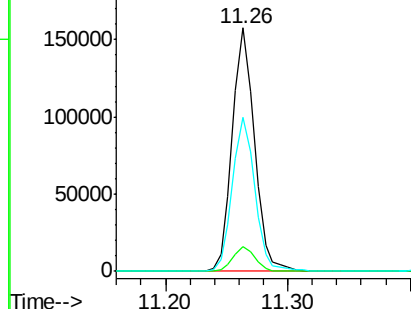
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 55.889 ug/l m

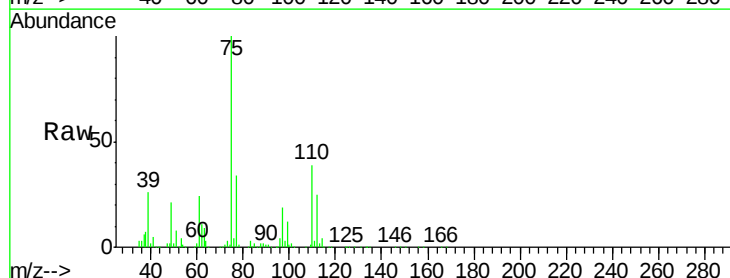
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012597.D

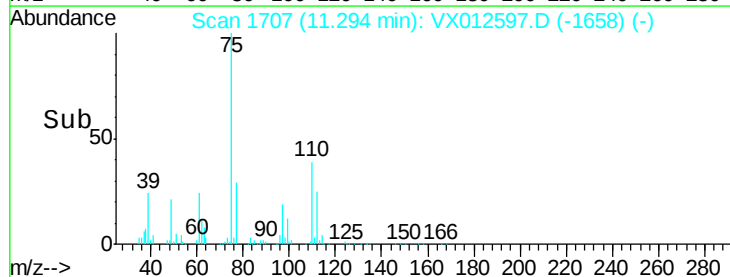
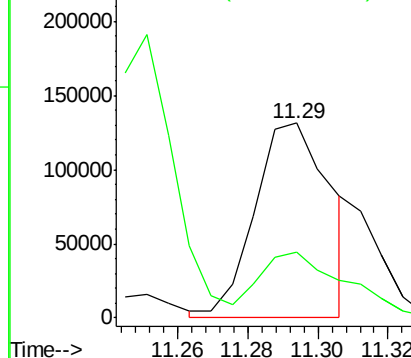
Acq: 23 Sep 2019 11:19

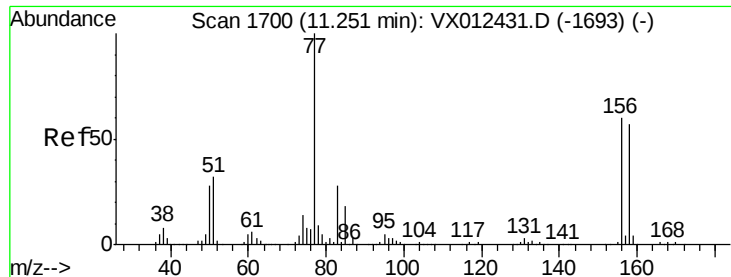
Tgt Ion:	75	Resp:	196698
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.3	57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.436 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

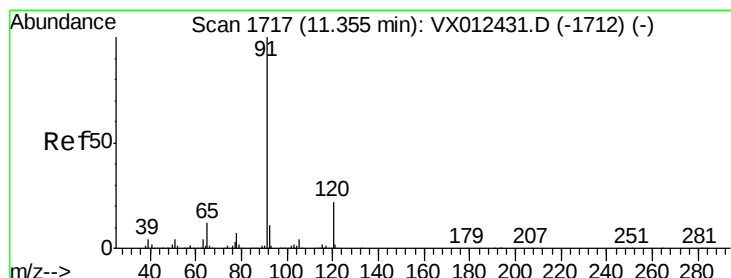
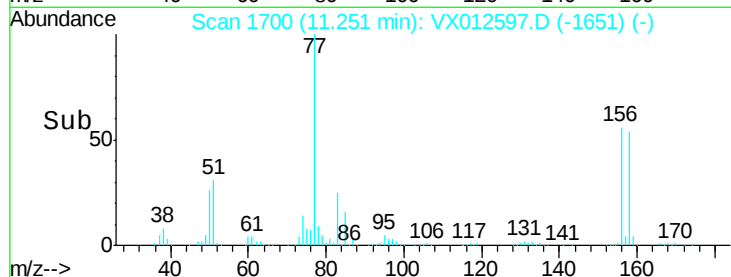
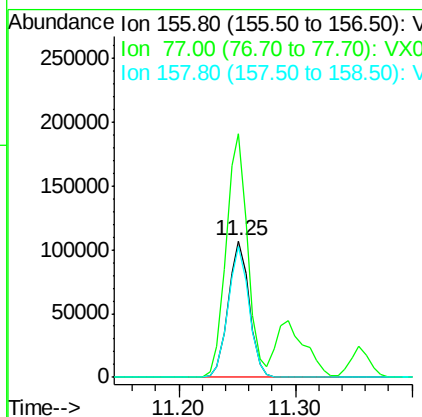
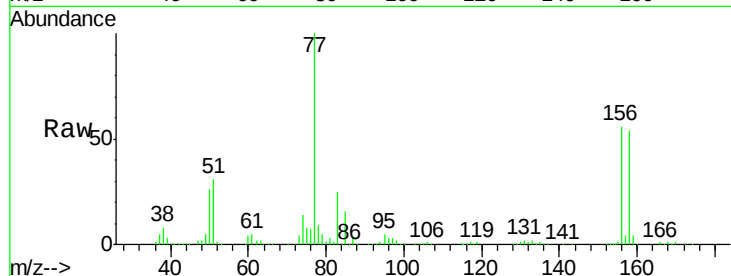
ClientSampled :

VSTDICCC050

Tot Ion:	156	Resp:	133451
Ion Ratio	Lower	Upper	
156	100		
77	182.4	91.2	273.6
158	96.1	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 60.742 ug/l

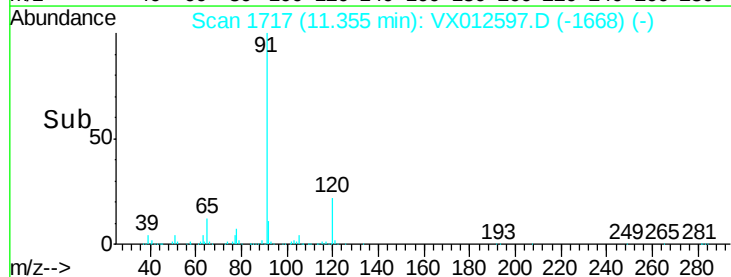
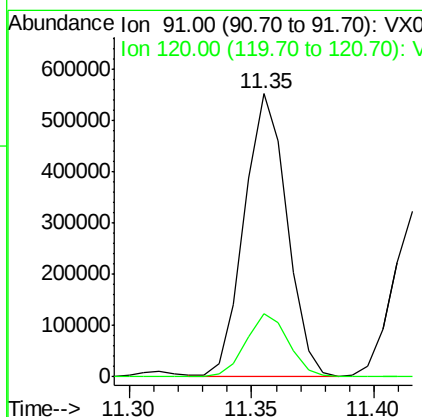
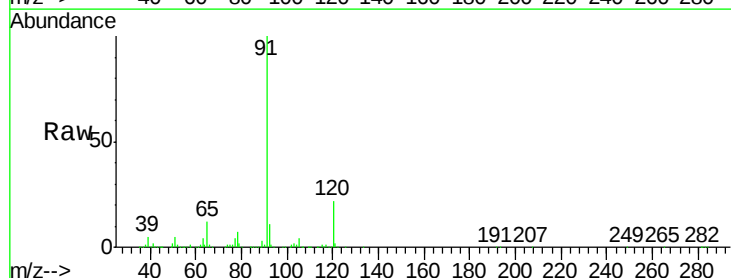
RT: 11.35 min Scan# 1717

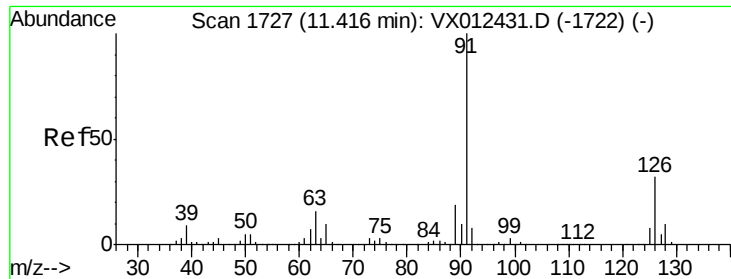
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	91	Resp:	665329
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





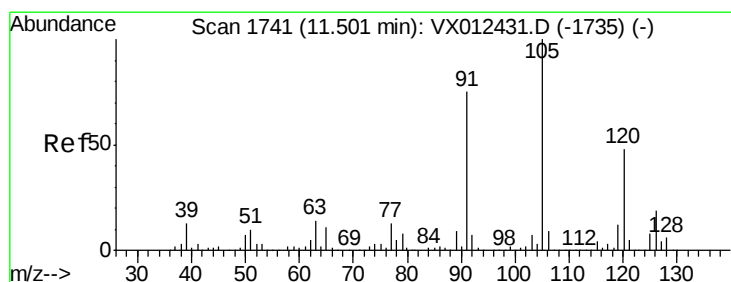
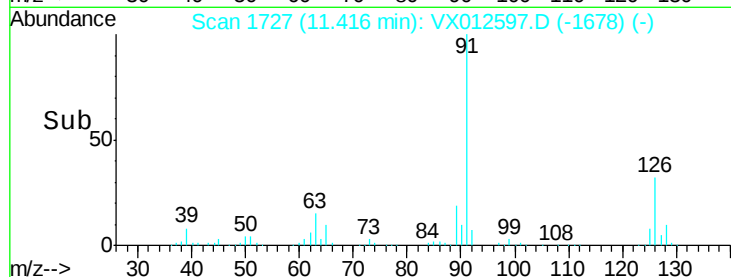
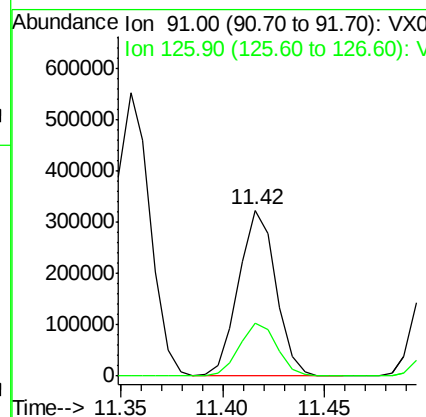
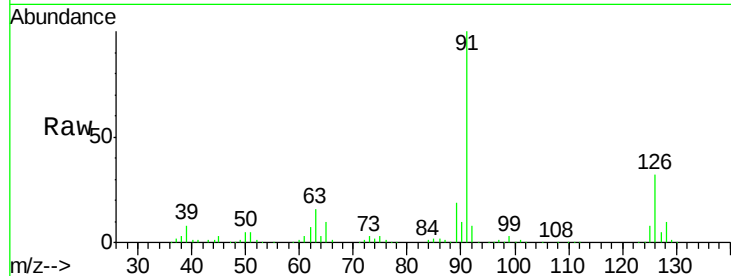
#79
 2-Chlorotoluene
 Concen: 57.488 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 407984
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3

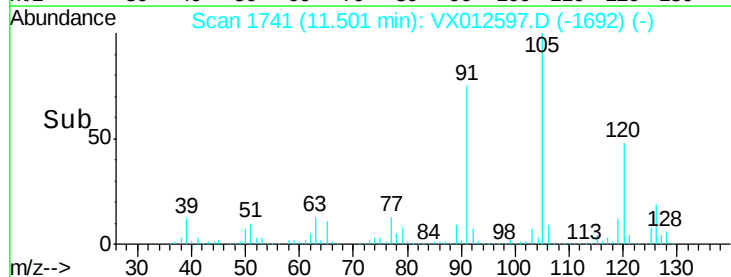
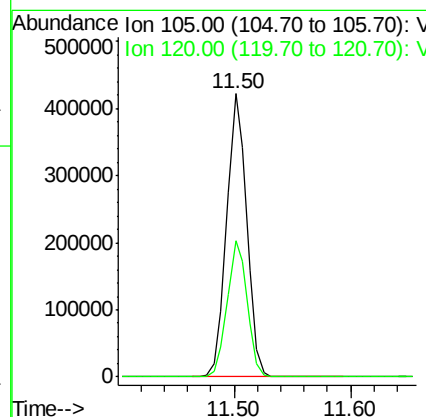
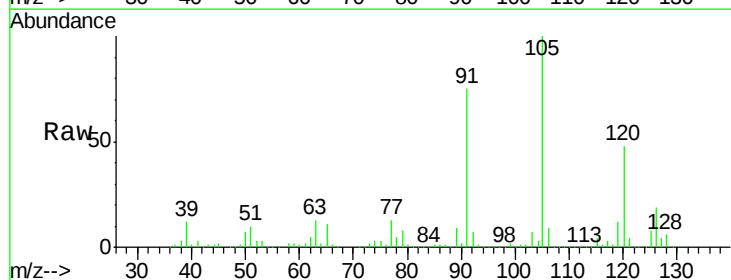
Manual Integrations
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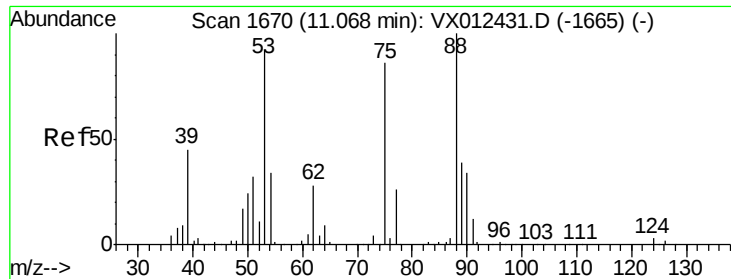
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#80
 1,3,5-Trimethylbenzene
 Concen: 59.822 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 105 Resp: 499590
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





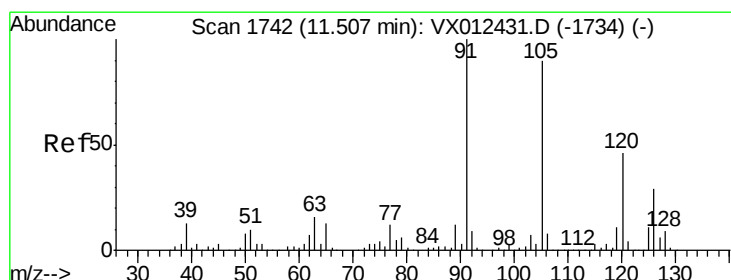
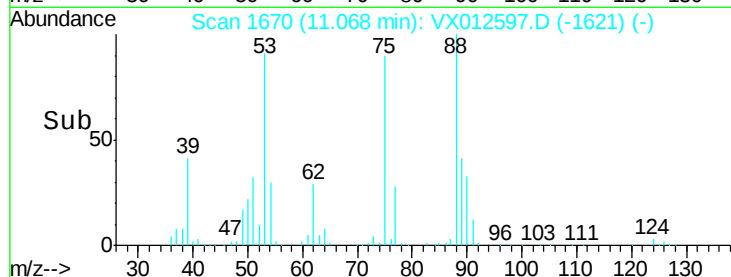
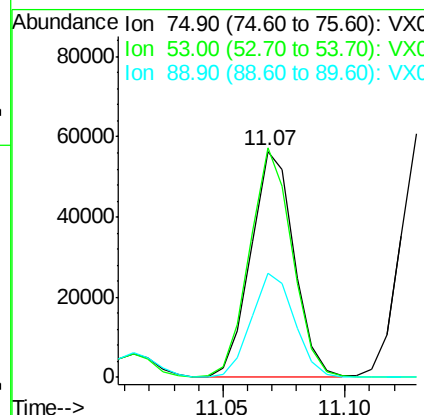
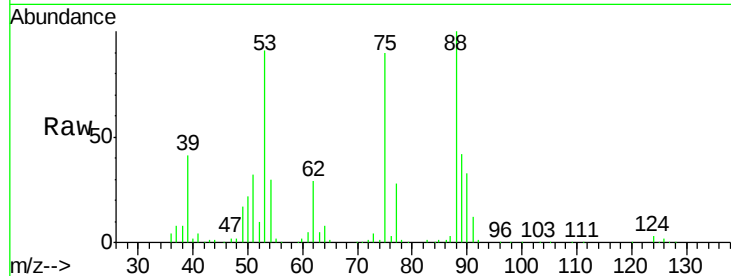
#81
trans-1,4-Dichloro-2-butene
Concen: 58.265 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	79.5	119.3
89	46.0	36.8	55.2

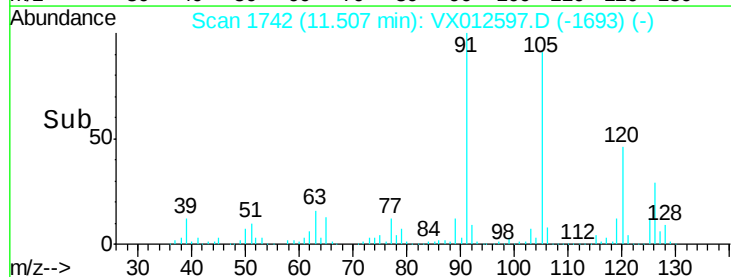
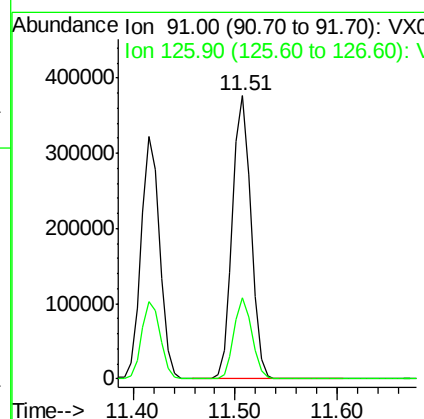
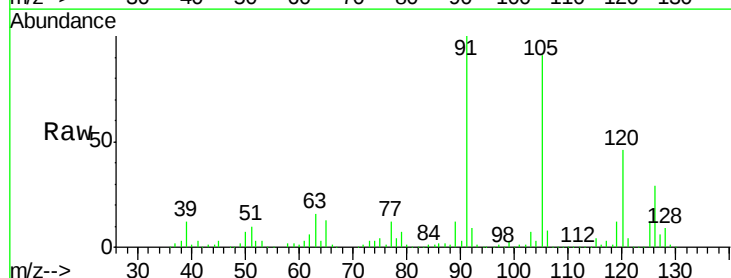
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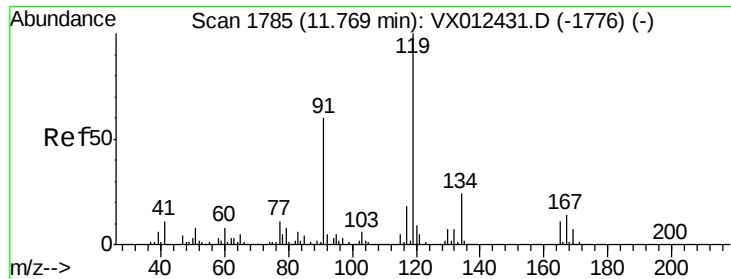
MMDadoda
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#82
4-Chlorotoluene
Concen: 58.337 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.9	41.7





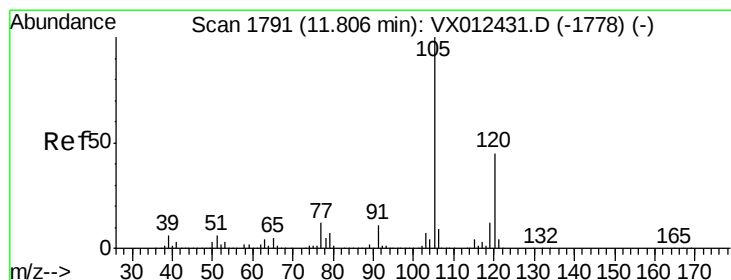
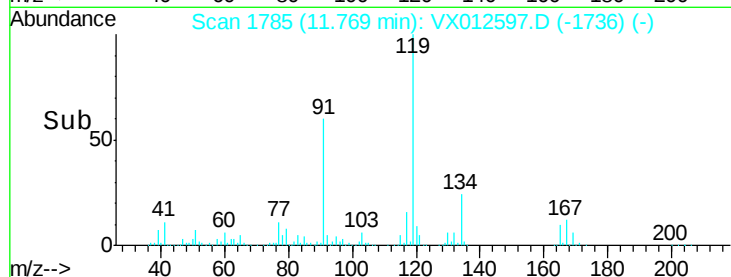
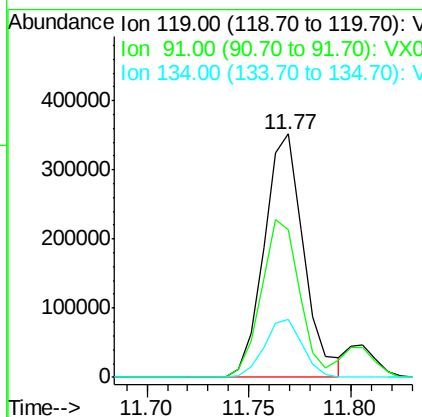
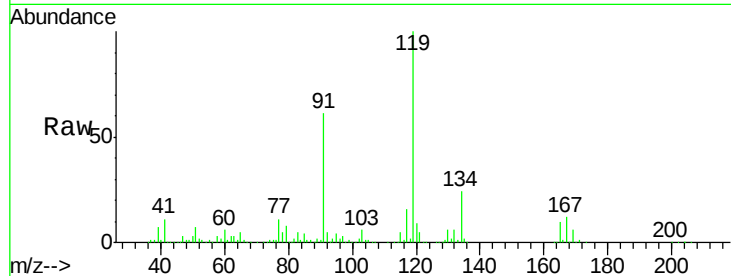
#83
 tert-Butylbenzene
 Concen: 54.083 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	475192		
91	62.3		31.1	93.5
134	23.0		11.5	34.5

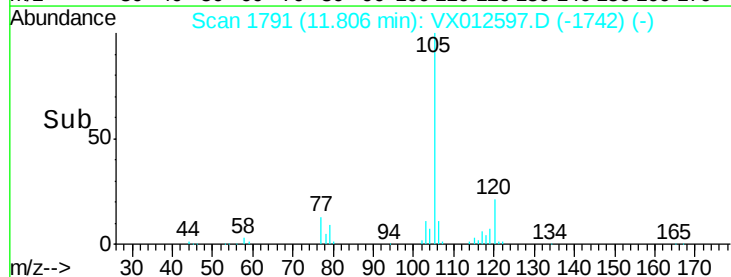
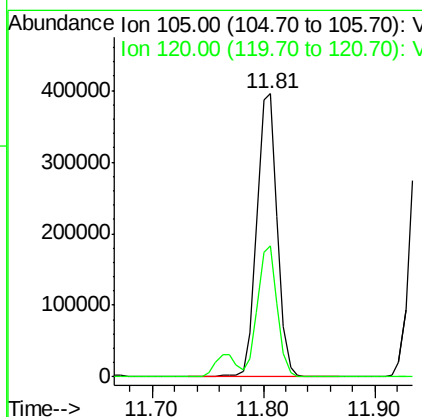
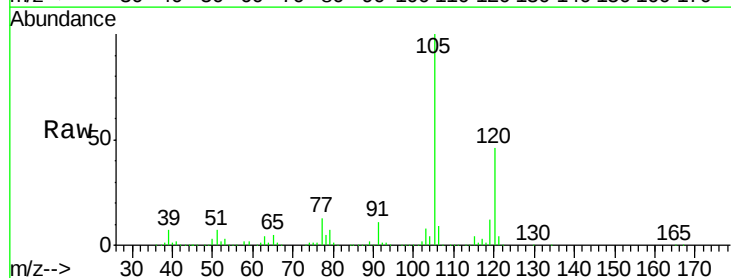
Manual Integrations
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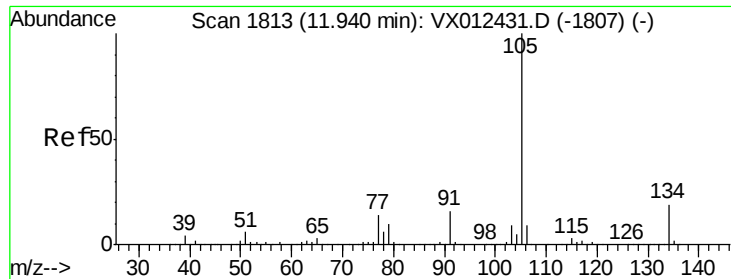
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 9/24/2019 10:07:23 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 59.021 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	505202		
120	44.5		22.3	66.8





#85

sec-Butylbenzene

Concen: 57.617 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 563023

Ion Ratio Lower Upper

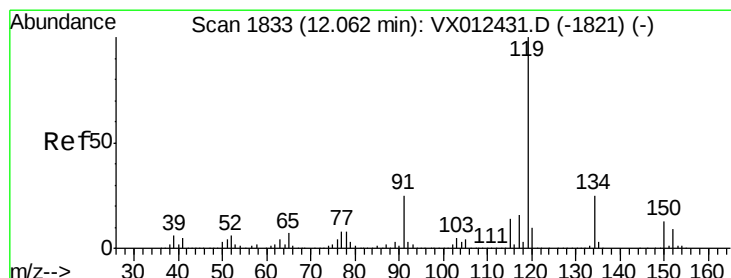
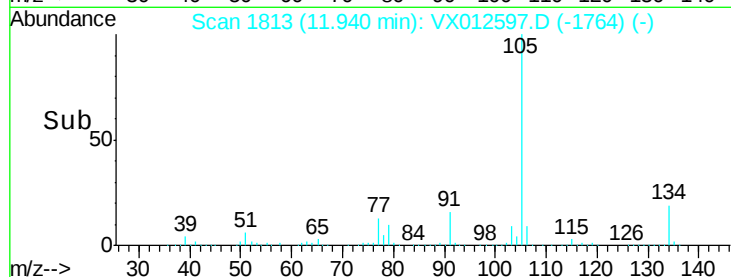
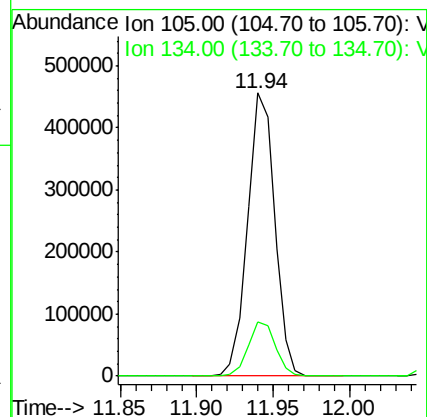
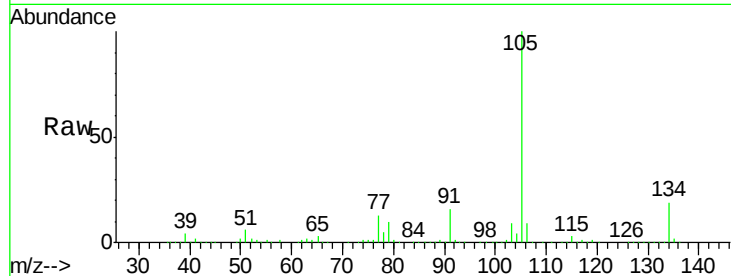
105 100

134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 57.690 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

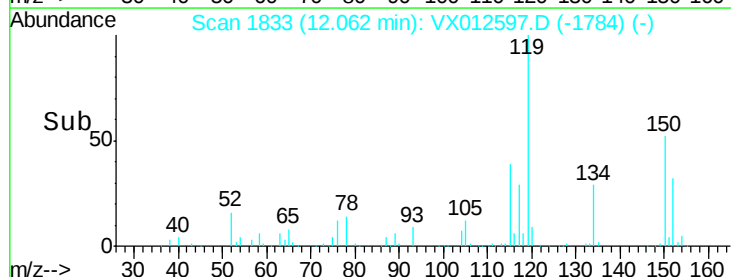
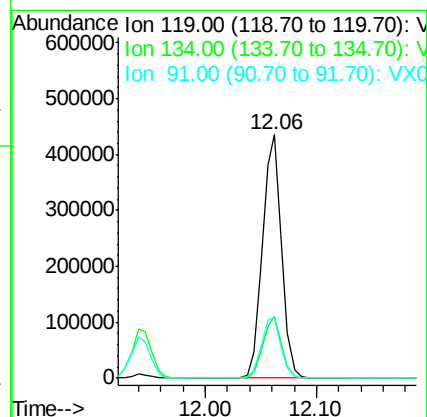
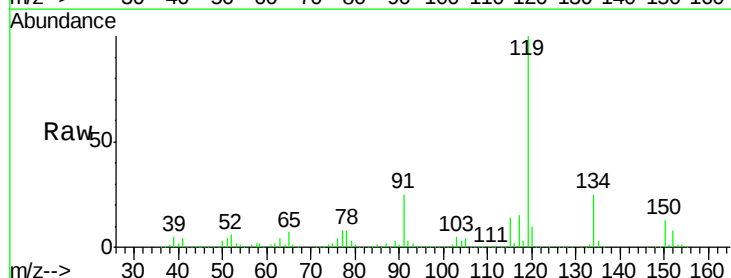
Tgt Ion:119 Resp: 516967

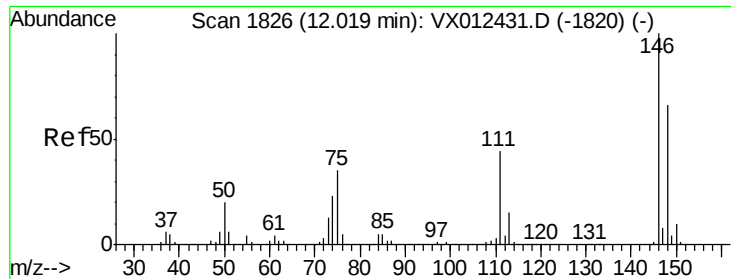
Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.4

91 25.6 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 54.800 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

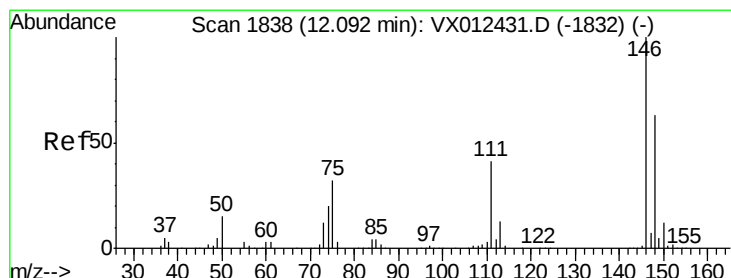
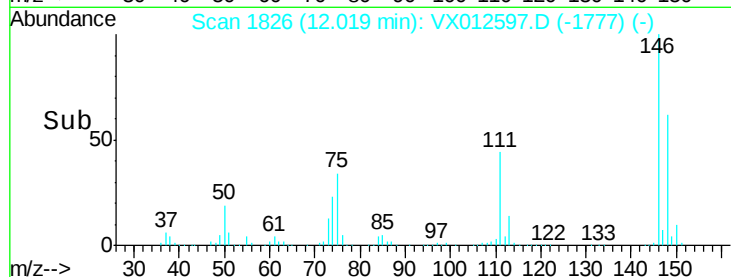
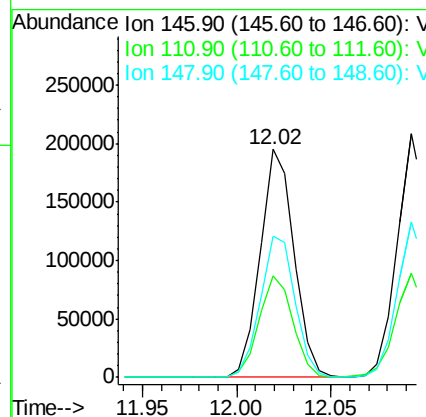
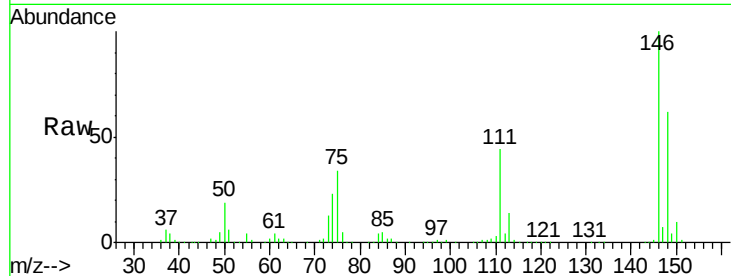
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	242436
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.3	66.9
148	63.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.864 ug/l

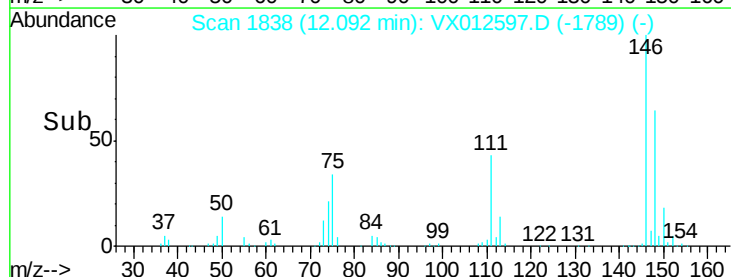
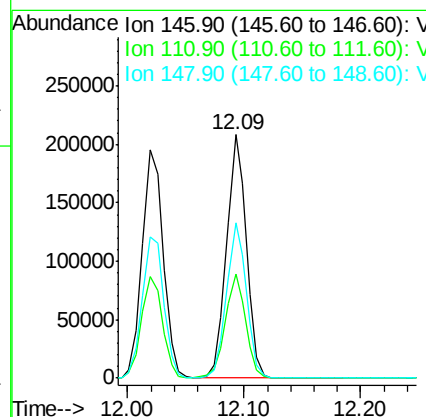
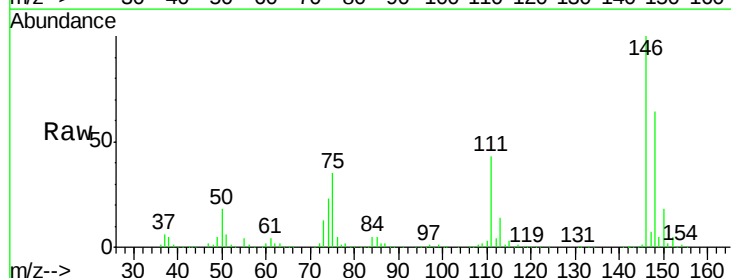
RT: 12.09 min Scan# 1838

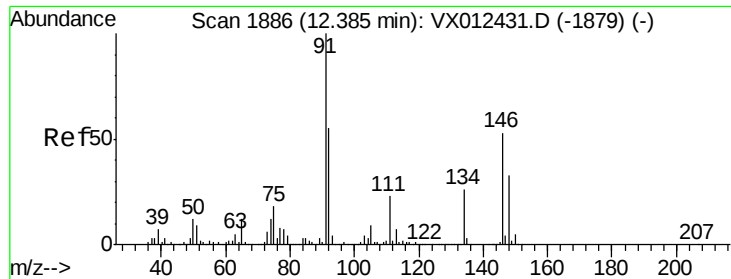
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion:	146	Resp:	244242
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.7	65.1
148	63.5	31.8	95.3





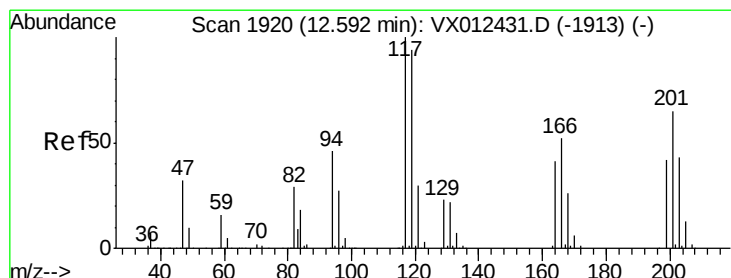
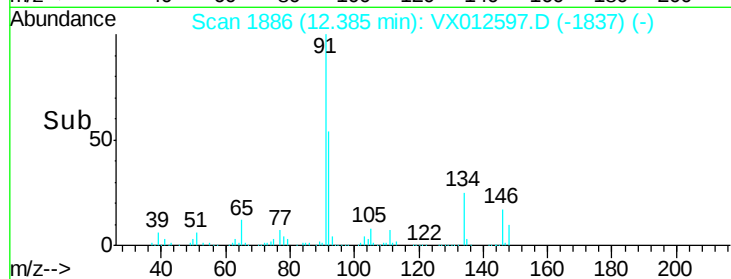
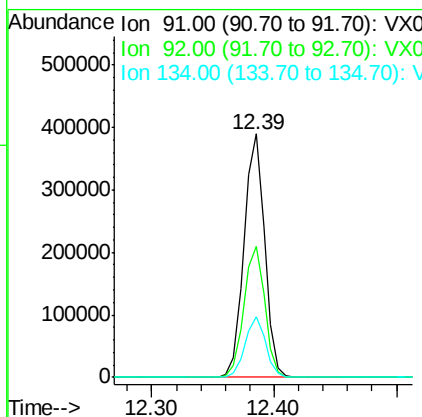
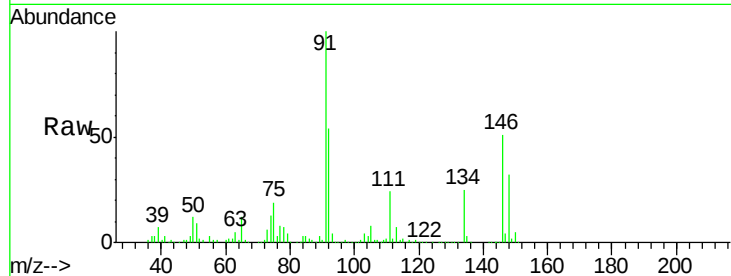
#89
n-Butylbenzene
Concen: 56.824 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	24.8	12.4	37.2

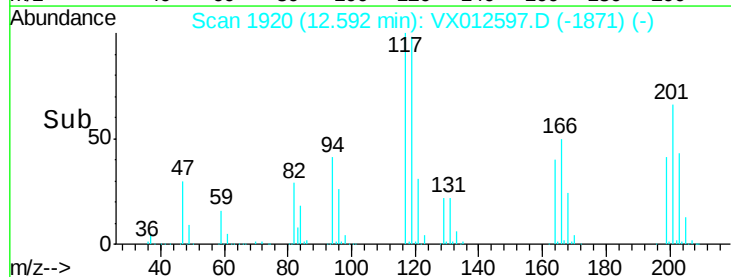
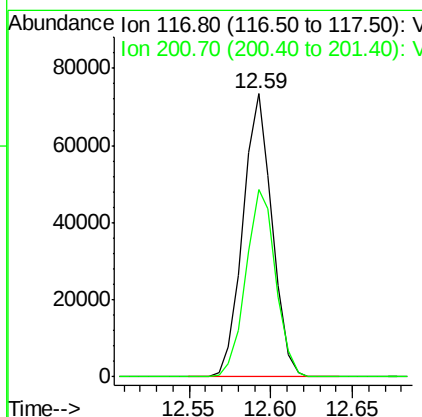
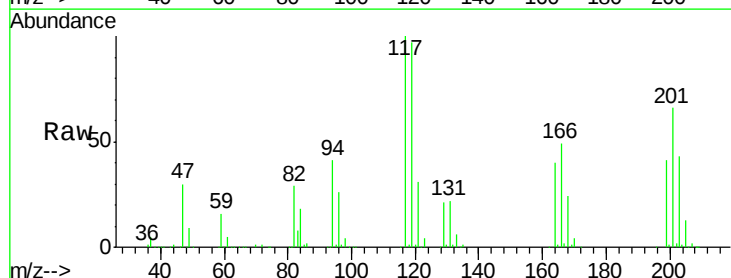
Manual Integrations
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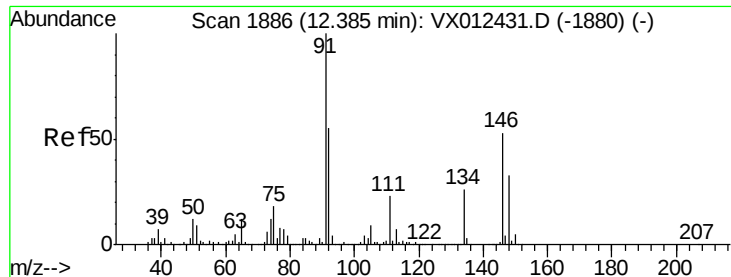
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#90
Hexachloroethane
Concen: 56.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	101.8





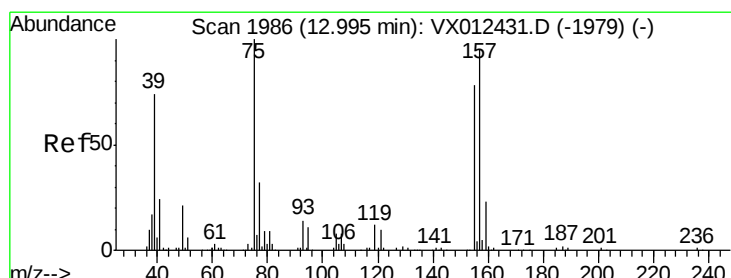
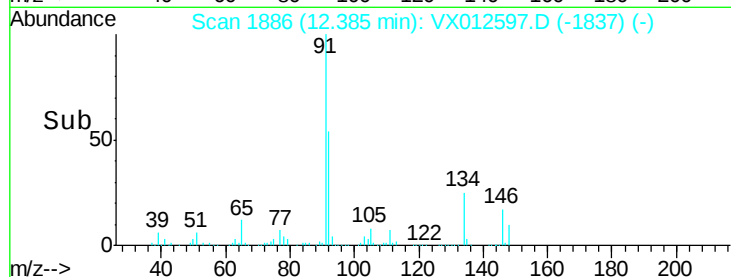
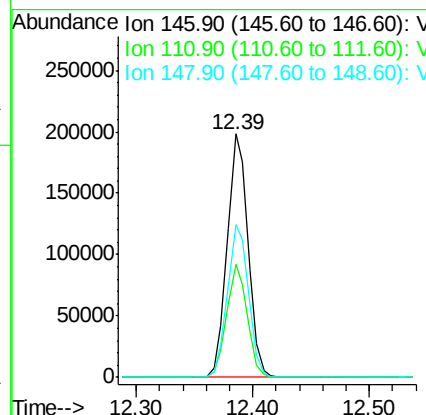
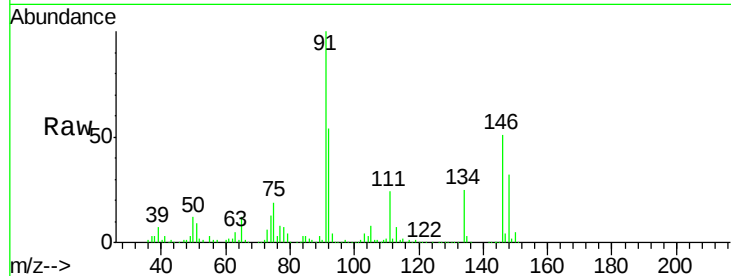
#91
 1,2-Dichlorobenzene
 Concen: 53.265 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.8	68.4
148	63.4	31.7	95.1

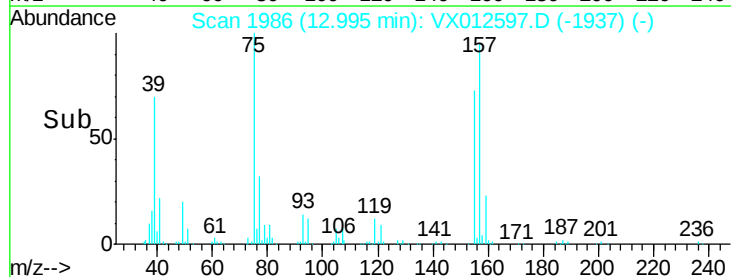
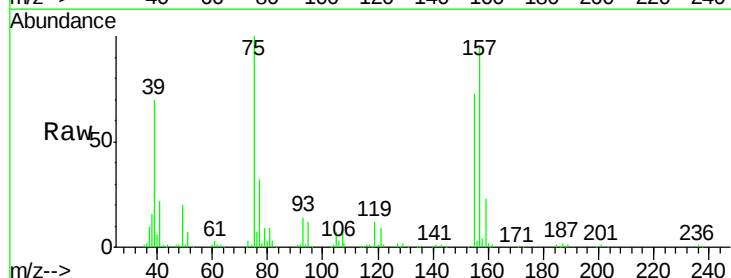
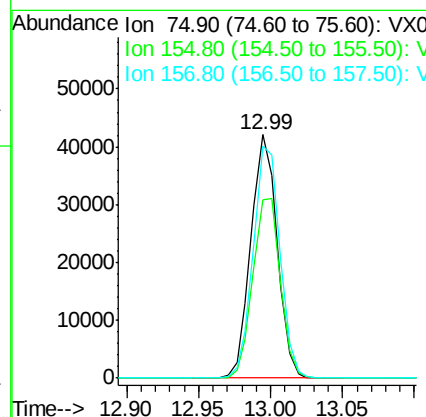
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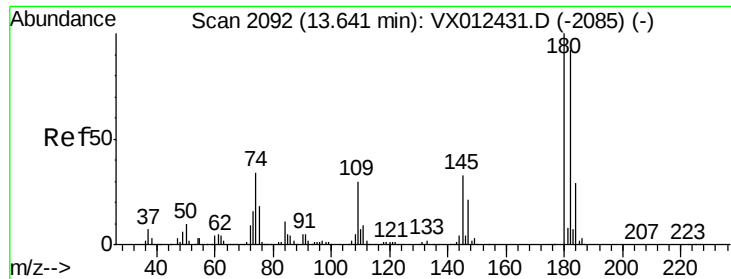
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	38.7	116.1
157	97.1	48.5	145.6





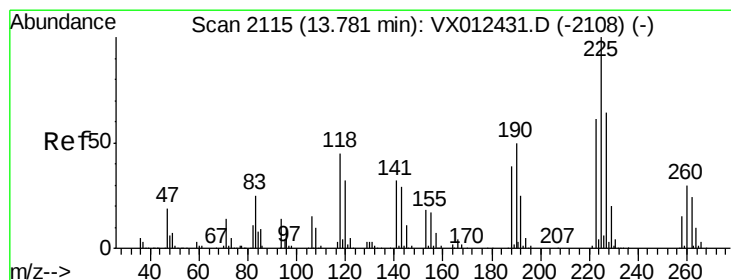
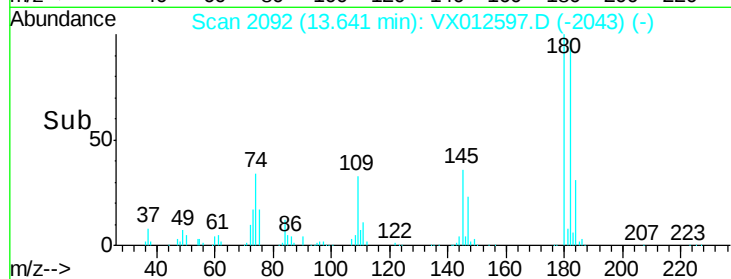
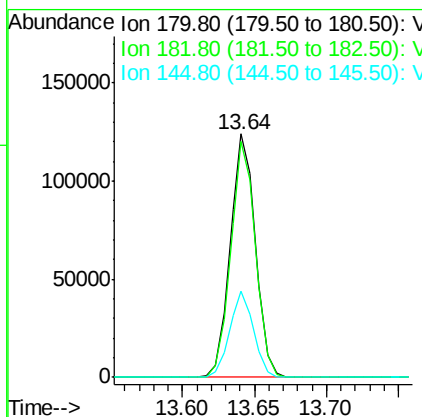
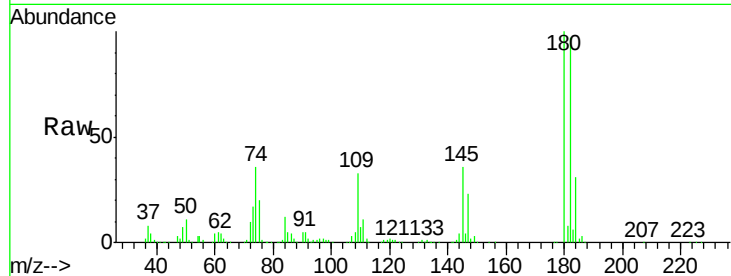
#93
 1,2,4-Trichlorobenzene
 Concen: 51.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151257		
182	95.5	47.8	143.3	
145	34.2	17.1	51.3	

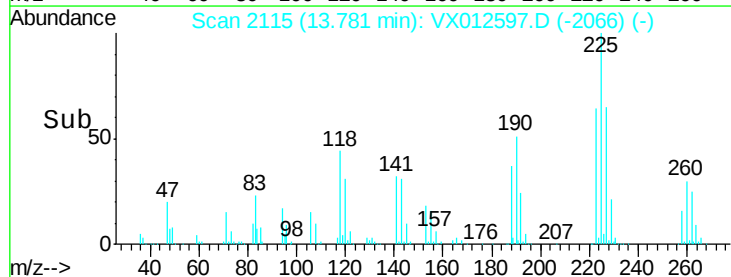
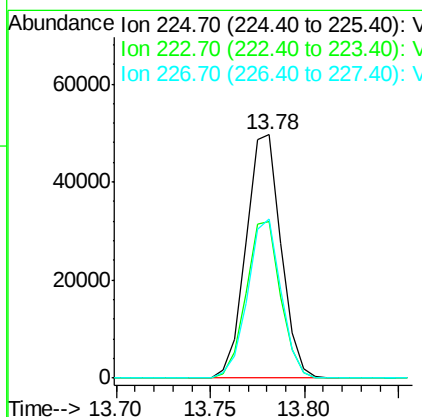
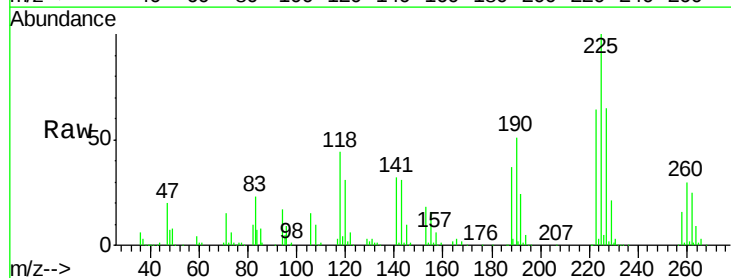
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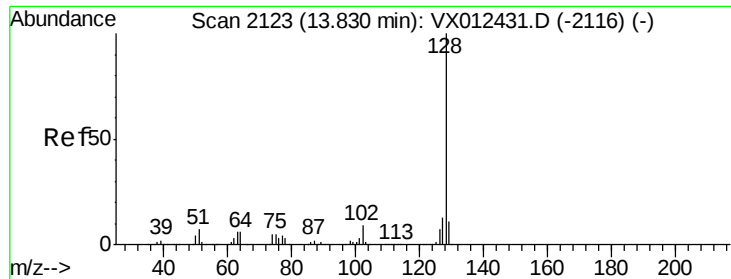
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#94
 Hexachlorobutadiene
 Concen: 46.977 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63936		
223	63.4	31.7	95.1	
227	62.3	31.1	93.5	





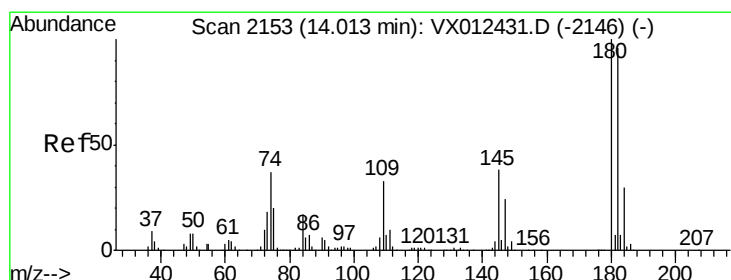
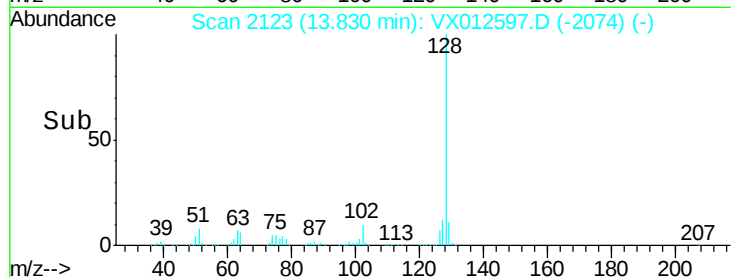
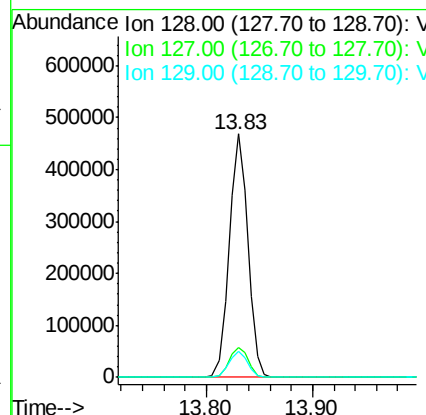
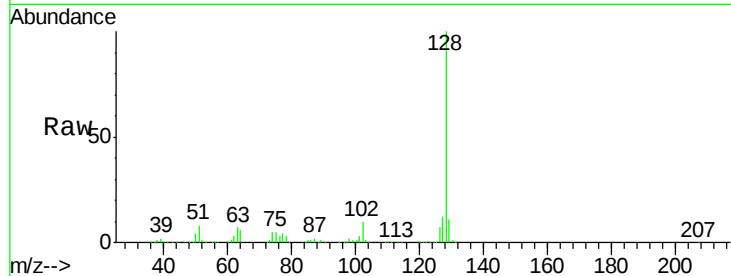
#95
Naphthalene
Concen: 55.065 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 52.023 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.8	140.3
145	36.7	18.4	55.0

