

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081119\
 Data File : VX011446.D
 Acq On : 11 Aug 2019 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:56 AM

Quant Time: Aug 12 08:03:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	163274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99926	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	5.49	113	86627	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.71	98	320228	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	124245	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	60739	48.166	ug/l	98
3) Chloromethane	1.32	50	65224	46.059	ug/l	100
4) Vinyl Chloride	1.40	62	70906	45.520	ug/l	100
5) Bromomethane	1.63	94	45136	40.629	ug/l	99
6) Chloroethane	1.71	64	47739	49.476	ug/l	99
7) Trichlorofluoromethane	1.92	101	133386	48.160	ug/l	98
8) Diethyl Ether	2.18	74	45530	46.038	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75046	50.077	ug/l	98
10) Methyl Iodide	2.50	142	100463	53.173	ug/l	98
11) Tert butyl alcohol	3.04	59	91348	278.602	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72384	48.726	ug/l	86
13) Acrolein	2.29	56	30923	151.594	ug/l	99
14) Allyl chloride	2.72	41	111640	56.372	ug/l	97
15) Acrylonitrile	3.14	53	214015	273.528	ug/l	98
16) Acetone	2.43	43	186413	238.187	ug/l	97
17) Carbon Disulfide	2.56	76	164983	47.327	ug/l	100
18) Methyl Acetate	2.76	43	104891	58.646	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	251686	57.492	ug/l	99
20) Methylene Chloride	2.85	84	85205	49.711	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	78289	49.820	ug/l	90
22) Diisopropyl ether	3.85	45	243446	55.931	ug/l	98
23) Vinyl Acetate	3.81	43	1049488	290.710	ug/l	98
24) 1,1-Dichloroethane	3.69	63	140721	54.829	ug/l	98
25) 2-Butanone	4.67	43	302316	271.550	ug/l	98
26) 2,2-Dichloropropane	4.58	77	89870	45.045	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	92966	51.362	ug/l	98
28) Bromochloromethane	5.01	49	65585	56.053	ug/l	96
29) Tetrahydrofuran	5.12	42	191375	280.355	ug/l	98
30) Chloroform	5.20	83	155137	55.615	ug/l	96
31) Cyclohexane	5.57	56	108706	51.338	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137958	57.733	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108256	50.446	ug/l	99
37) Ethyl Acetate	4.82	43	115506	53.659	ug/l	98
38) Carbon Tetrachloride	5.78	117	121236	56.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117324	46.123	ug/l	97
40) Benzene	6.13	78	327191	51.093	ug/l	96
41) Methacrylonitrile	5.03	41	62681	53.318	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124074	57.297	ug/l	97
43) Isopropyl Acetate	6.44	43	186881	54.302	ug/l	99
44) Trichloroethene	7.21	130	96059	49.557	ug/l	94
45) 1,2-Dichloropropane	7.51	63	85687	51.666	ug/l	99
46) Dibromomethane	7.66	93	63234	52.229	ug/l	95
47) Bromodichloromethane	7.90	83	118573	57.845	ug/l	97
48) Methyl methacrylate	7.77	41	94114	58.109	ug/l	97
49) 1,4-Dioxane	7.73	88	44122	939.681	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	627287	282.432	ug/l	99
52) Toluene	8.78	92	218606	51.631	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	121166	50.713	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	131044	54.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94439	54.249	ug/l	100
56) Ethyl methacrylate	9.18	69	142103	57.281	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148348	53.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	324724	266.214	ug/l	100
59) 2-Hexanone	9.49	43	480988	279.592	ug/l	98
60) Dibromochloromethane	9.58	129	103522	58.084	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100545	53.459	ug/l	99
64) Tetrachloroethene	9.34	164	93876	47.461	ug/l	96
65) Chlorobenzene	10.13	112	249478	49.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95440	55.824	ug/l	99
67) Ethyl Benzene	10.25	91	434055	51.899	ug/l	99
68) m/p-Xylenes	10.35	106	334988	103.552	ug/l	98
69) o-Xylene	10.69	106	162060	50.986	ug/l	97
70) Styrene	10.71	104	281572	53.538	ug/l	98
71) Bromoform	10.85	173	78141	51.054	ug/l #	99
73) Isopropylbenzene	11.02	105	441643	51.335	ug/l	100
74) N-amyl acetate	10.90	43	171677	55.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145219	50.652	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124945m	54.542	ug/l	
77) Bromobenzene	11.25	156	120037	50.317	ug/l	96
78) n-propylbenzene	11.36	91	493323	51.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	293766	51.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	374774	52.039	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	39176	46.058	ug/l	95
82) 4-Chlorotoluene	11.51	91	346580	52.151	ug/l	97
83) tert-Butylbenzene	11.77	119	371819	52.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	377145	52.598	ug/l	99
85) sec-Butylbenzene	11.94	105	430741	50.757	ug/l	99
86) p-Isopropyltoluene	12.06	119	401200	51.389	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212624	50.442	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212537	48.898	ug/l	98
89) n-Butylbenzene	12.38	91	335554	49.888	ug/l	98
90) Hexachloroethane	12.60	117	64626	55.990	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	211042	49.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31236	56.234	ug/l	93

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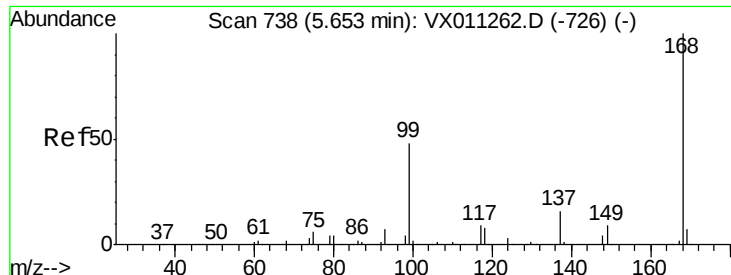
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141135	50.248	ug/l	99
94) Hexachlorobutadiene	13.78	225	69812	48.989	ug/l	98
95) Naphthalene	13.83	128	446794	54.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145823	51.068	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 163274

Ion Ratio Lower Upper

168 100

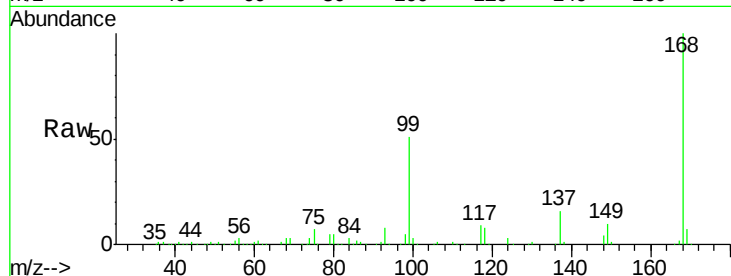
99 50.8 38.5 57.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

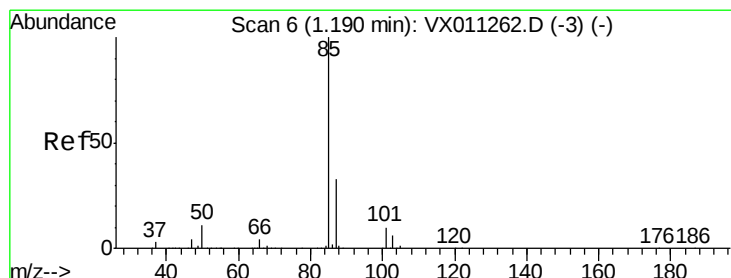
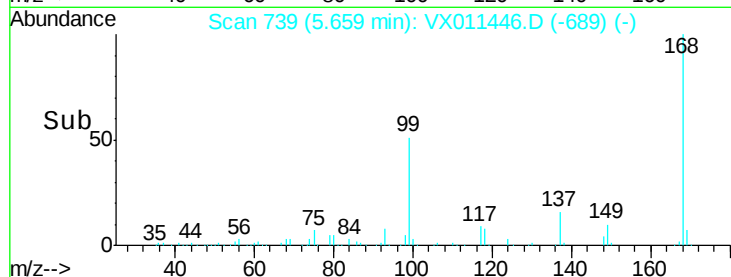
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.166 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011446.D

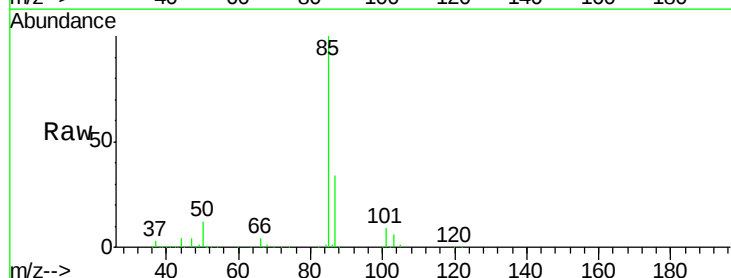
Acq: 11 Aug 2019 21:42

Tgt Ion: 85 Resp: 60739

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

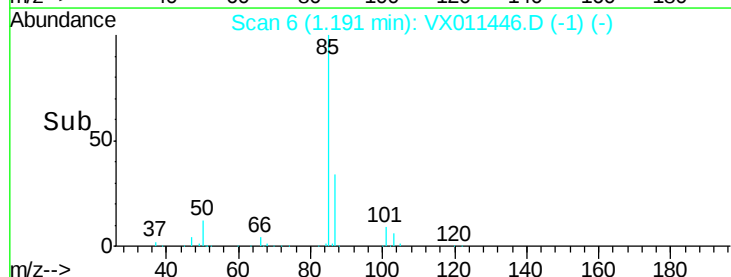
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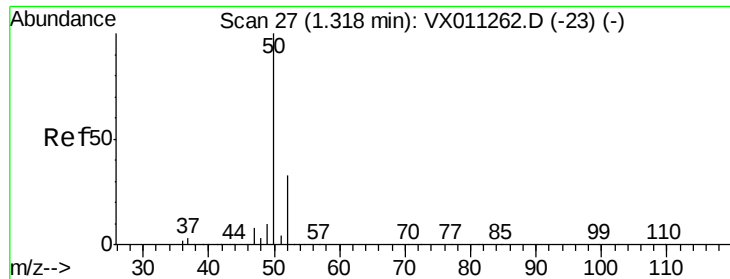
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 46.059 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 65224

Ion Ratio Lower Upper

50 100

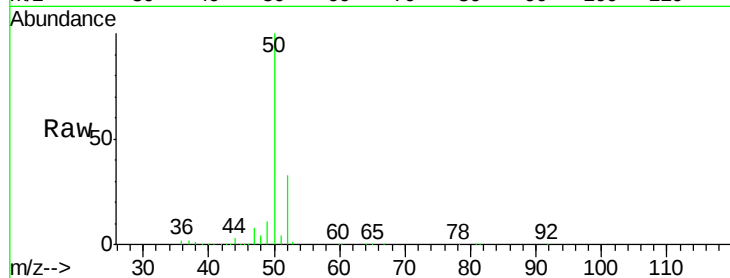
52 33.2 26.4 39.6

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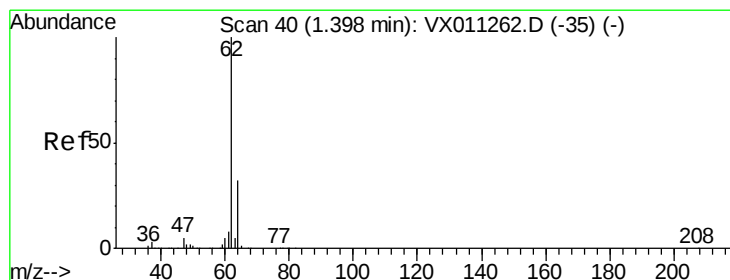
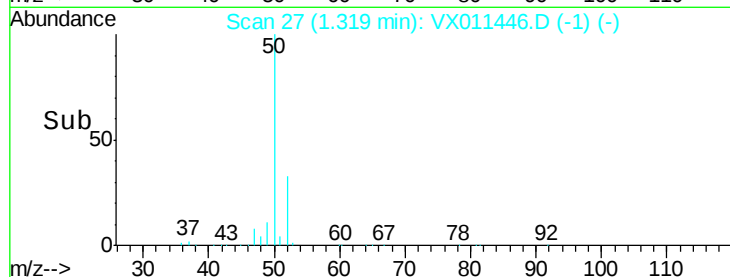
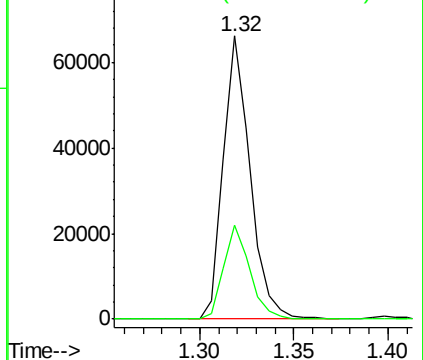
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.520 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011446.D

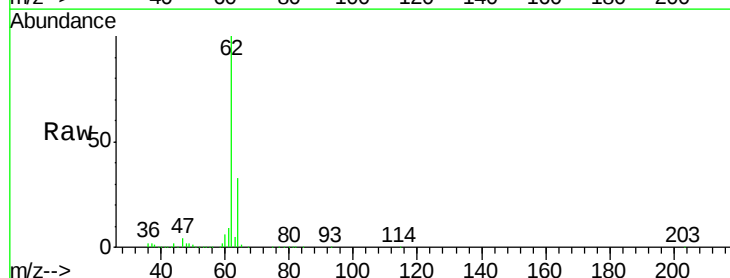
Acq: 11 Aug 2019 21:42

Tgt Ion: 62 Resp: 70906

Ion Ratio Lower Upper

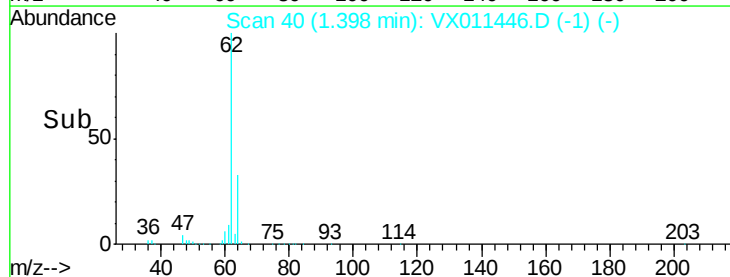
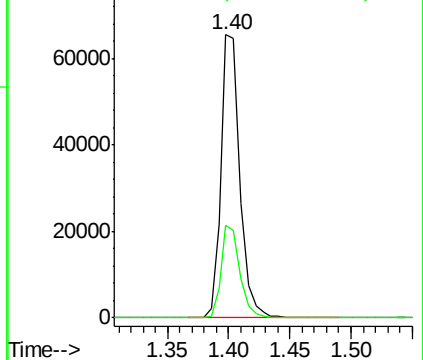
62 100

64 32.7 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.629 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 45136

Ion Ratio Lower Upper

94 100

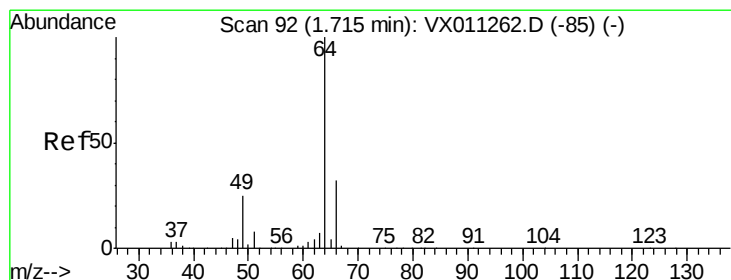
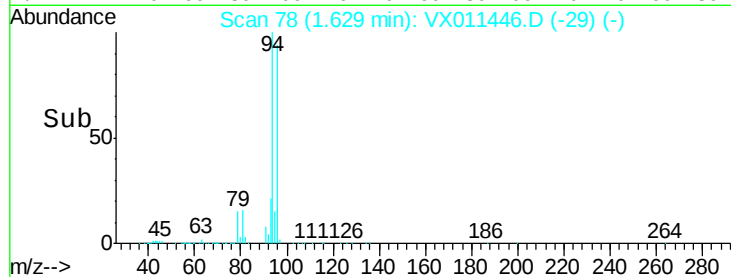
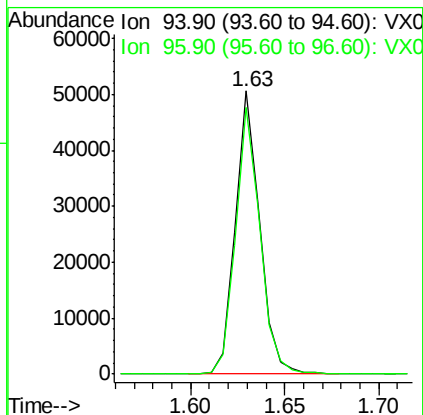
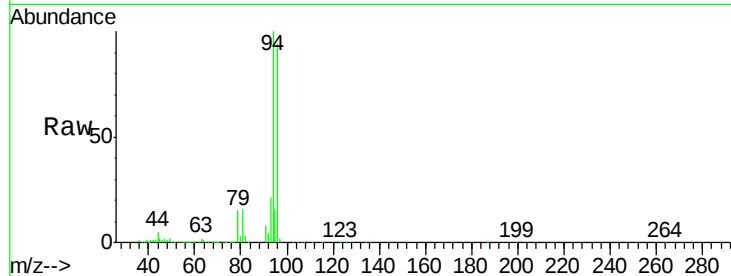
96 94.1 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 49.476 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011446.D

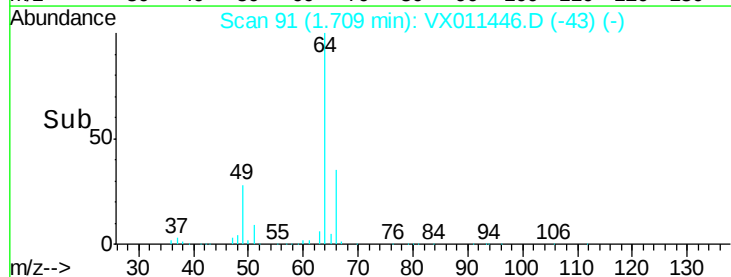
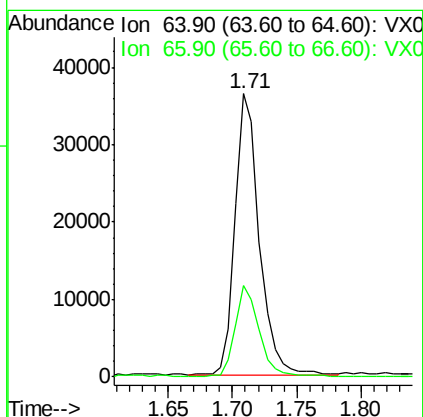
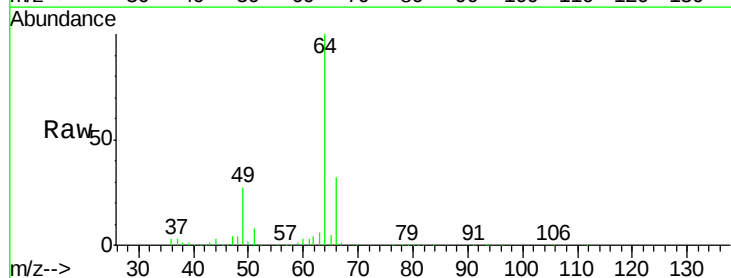
Acq: 11 Aug 2019 21:42

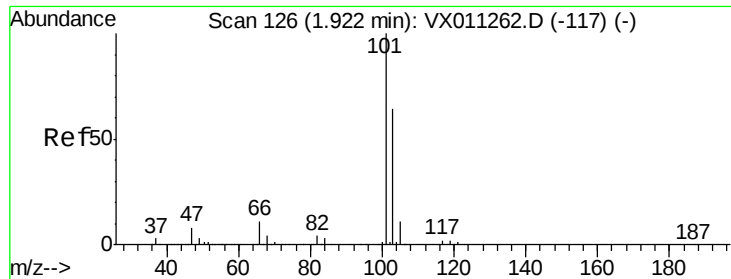
Tgt Ion: 64 Resp: 47739

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

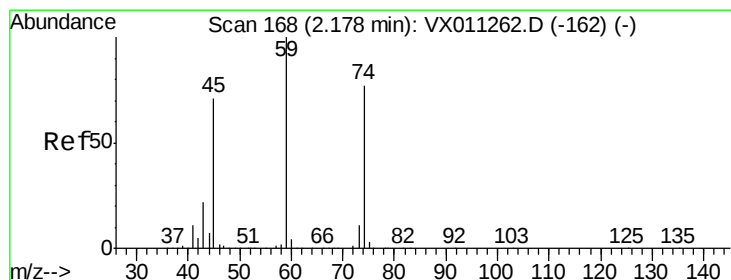
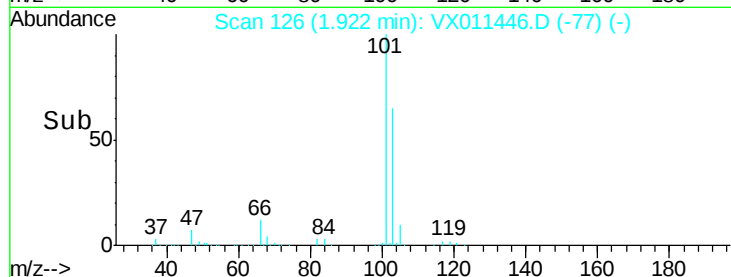
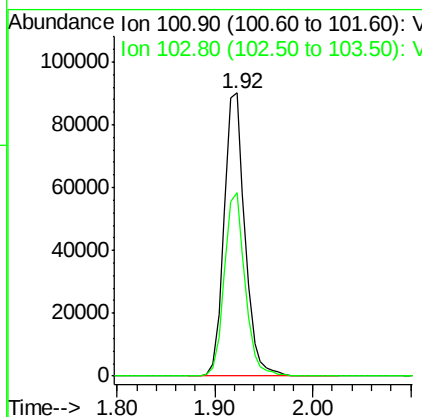
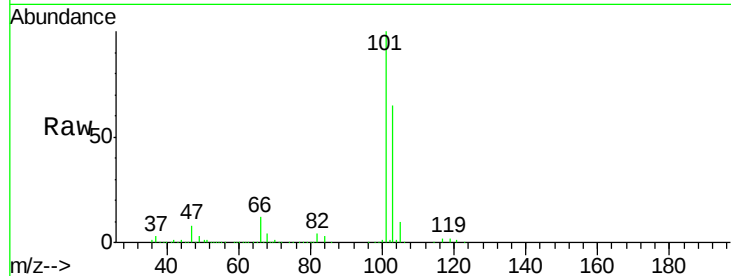
Trichlorofluoromethane
Concen: 48.160 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	133386		
103	64.9	50.9	76.3	

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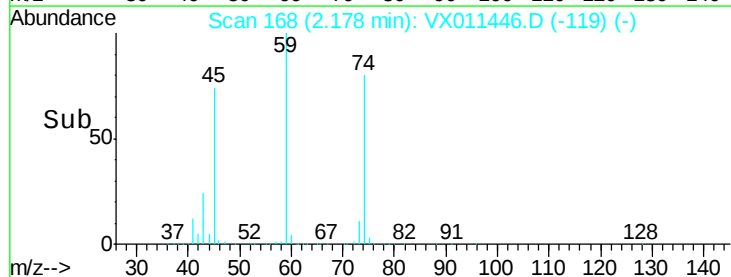
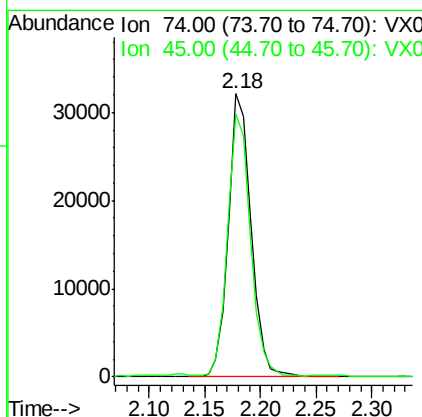
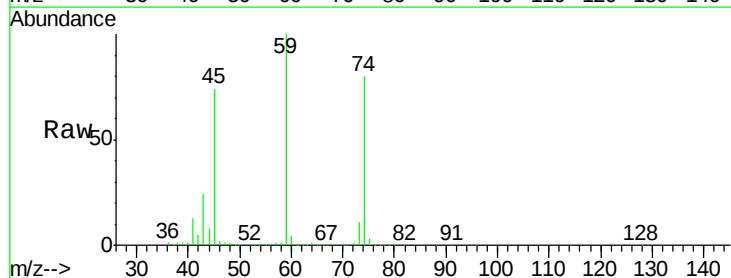
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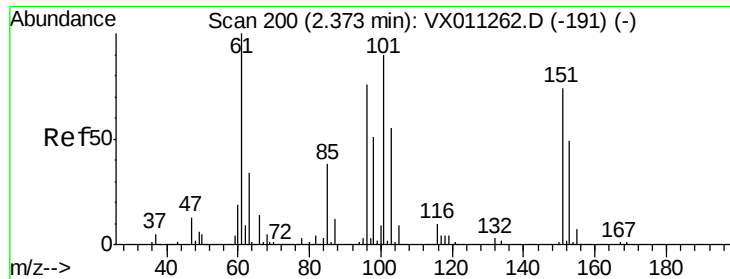


#8

Diethyl Ether
Concen: 46.038 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45530		
45	92.4	46.1	138.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.077 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

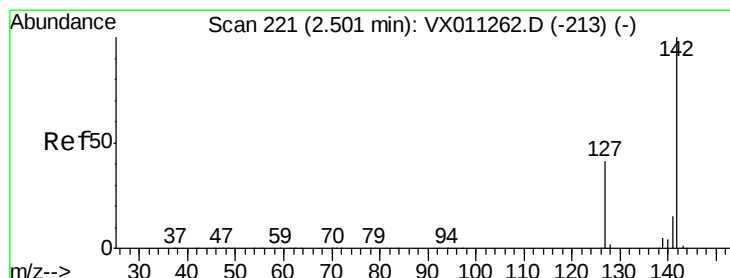
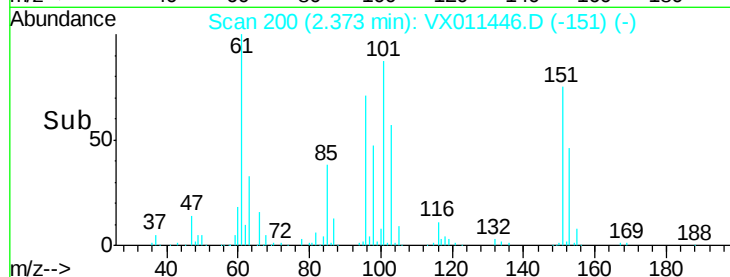
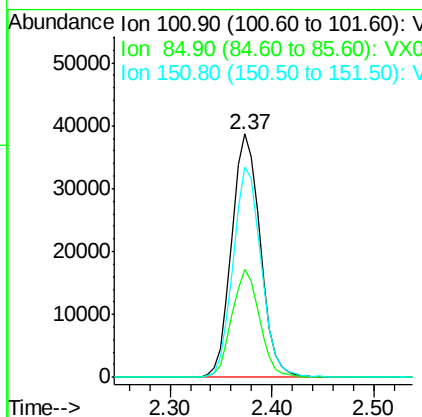
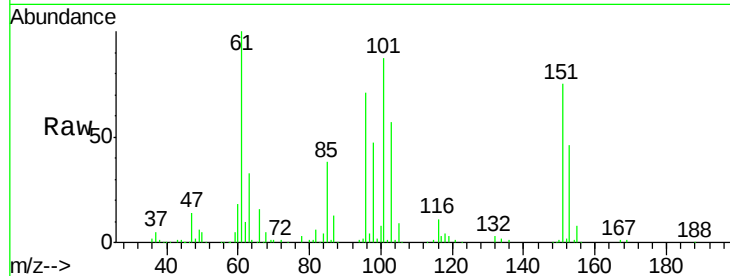
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	75046
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.8	50.6
151	84.9	69.5	104.3

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#10

Methyl Iodide

Concen: 53.173 ug/l

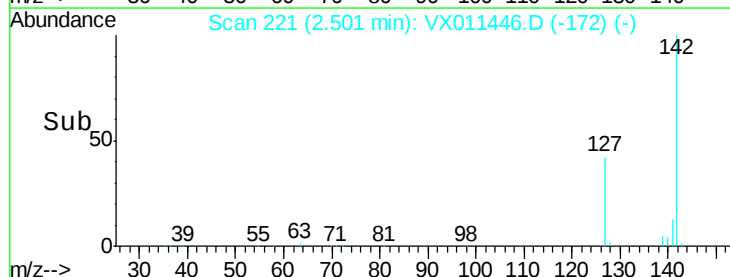
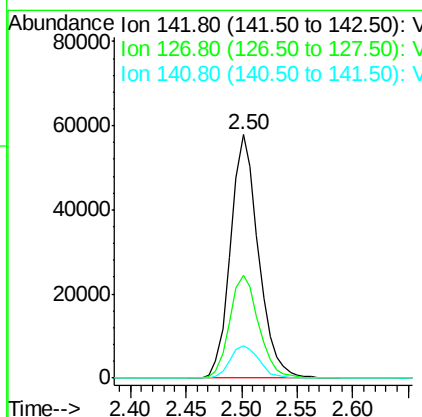
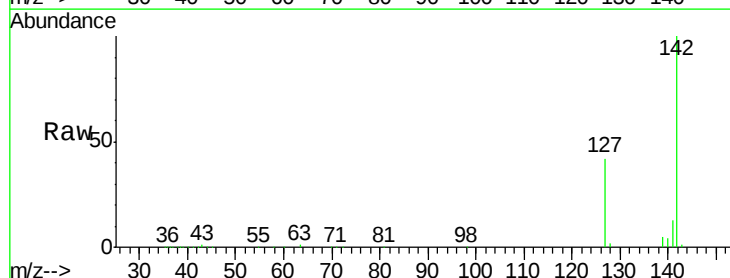
RT: 2.50 min Scan# 221

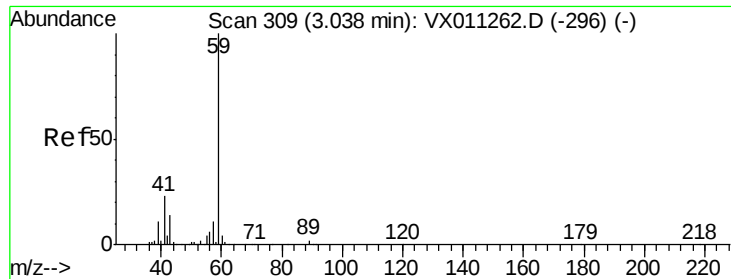
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	142	Resp:	100463
Ion Ratio	Lower	Upper	
142	100		
127	43.9	33.8	50.8
141	14.3	11.4	17.2





#11

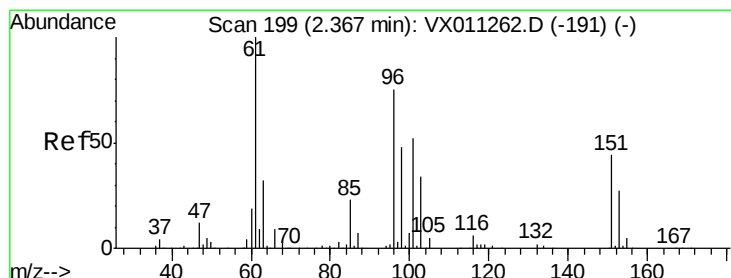
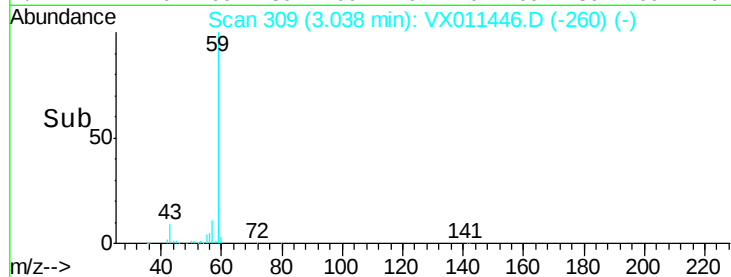
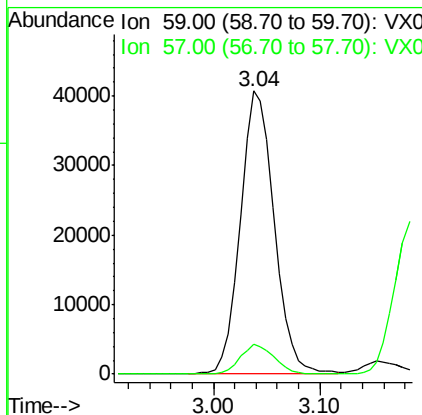
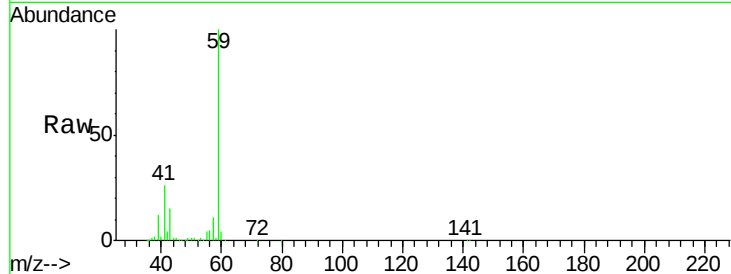
Tert butyl alcohol
Concen: 278.602 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

Manual Integrations
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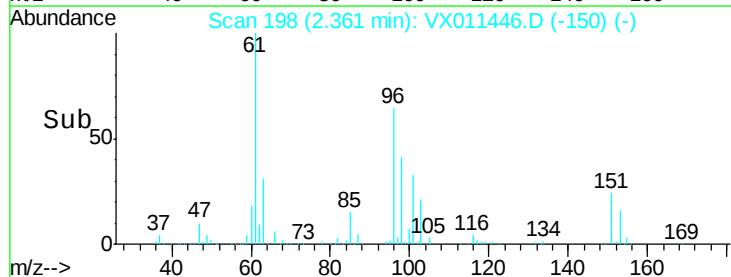
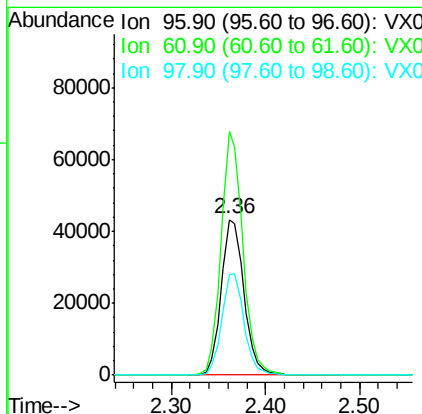
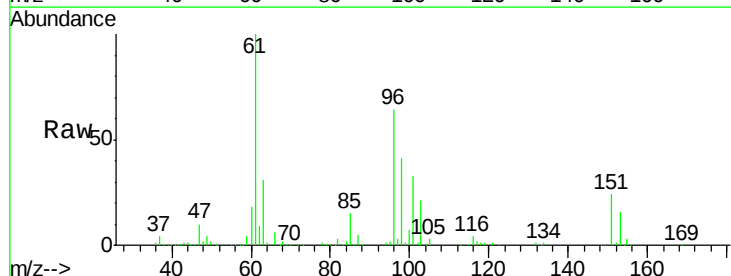
MMDadoda
8/12/2019 10:29:56 AM

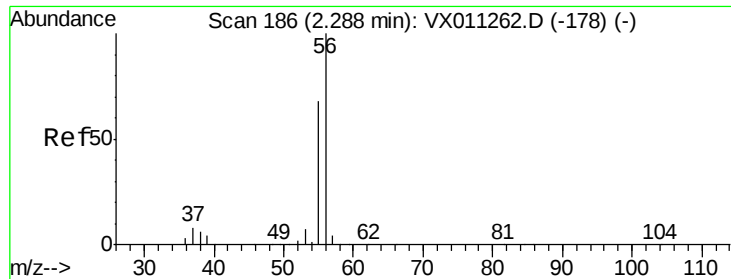


#12

1,1-Dichloroethene
Concen: 48.726 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	106.2	159.2
98	64.6	50.6	75.8





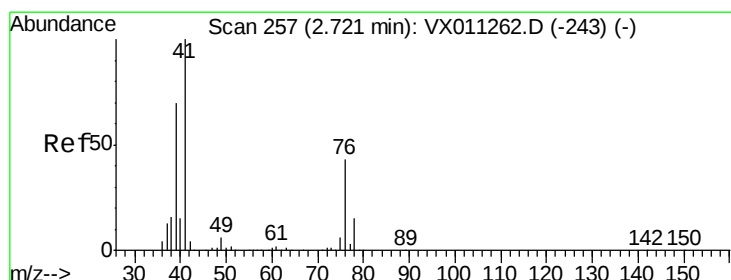
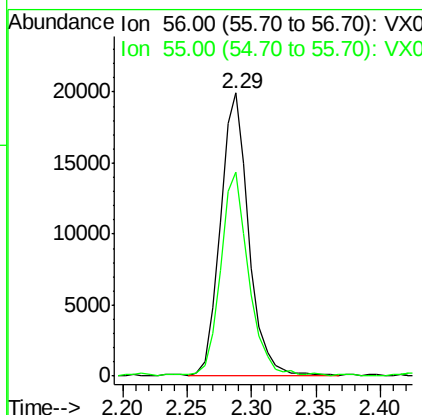
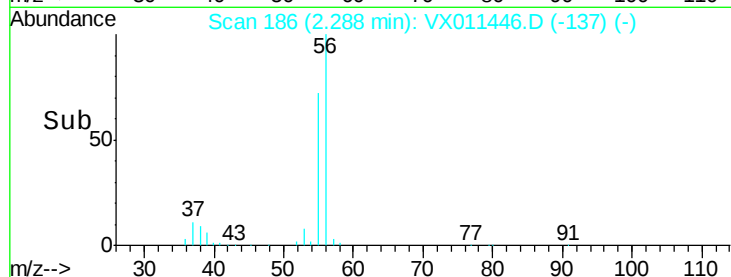
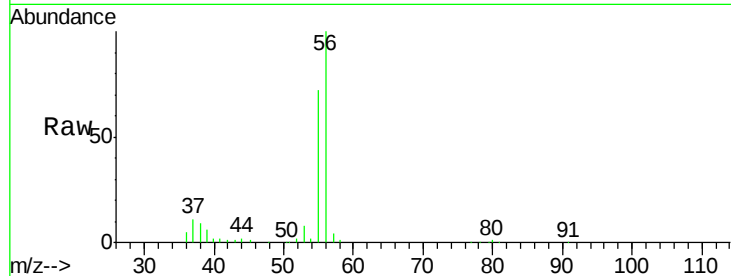
#13
 Acrolein
 Concen: 151.594 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.6	56.0	84.0

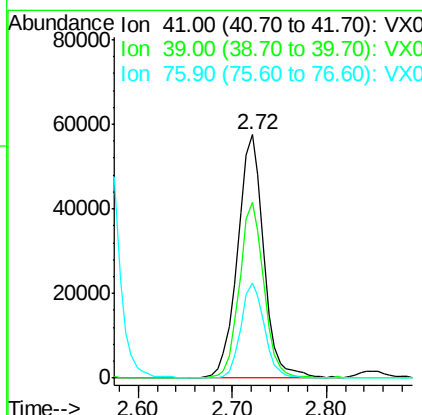
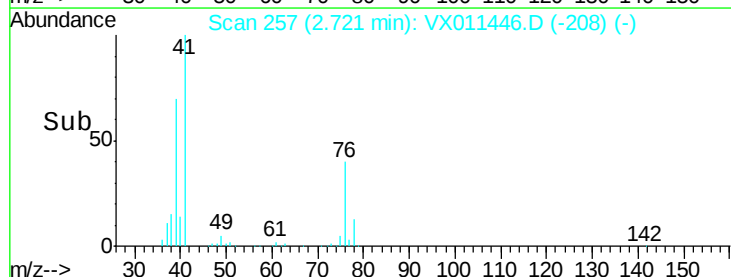
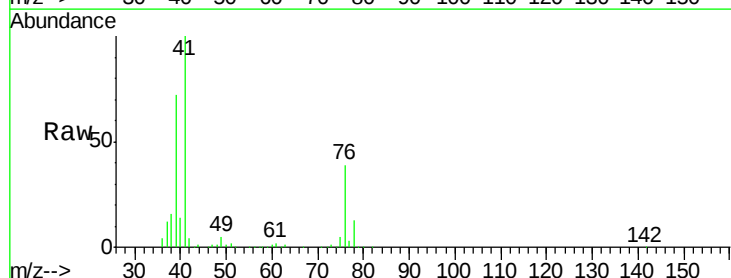
Manual Integrations
 APPROVED

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 8/12/2019 10:29:56 AM



#14
 Allyl chloride
 Concen: 56.372 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.0	52.8	79.2
76	76	35.4	31.1	46.7





#15

Acrylonitrile

Concen: 273.528 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

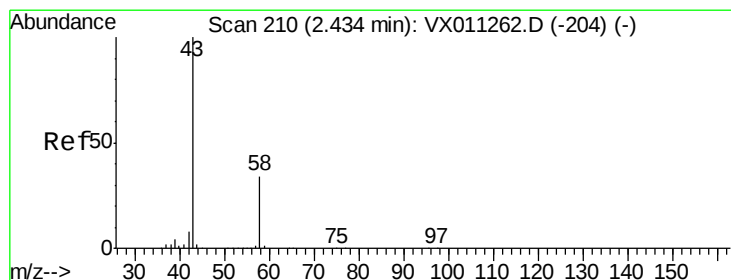
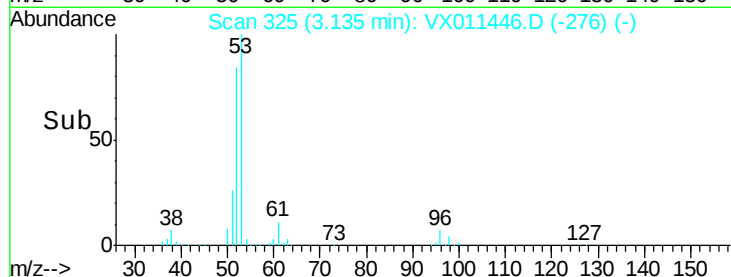
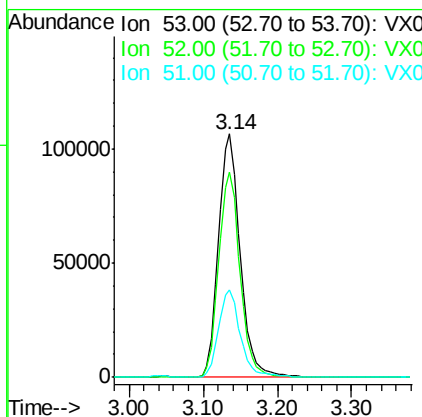
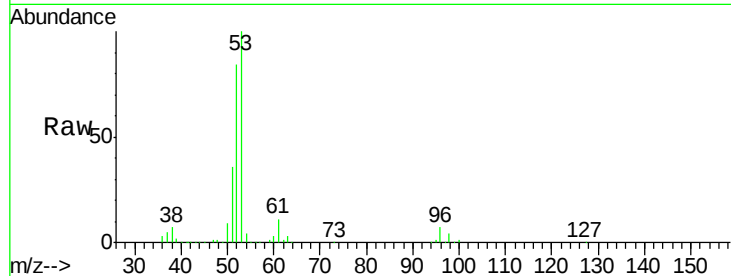
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	214015
Ion Ratio		Lower	Upper
53	100		
52	83.7	65.5	98.3
51	36.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 238.187 ug/l

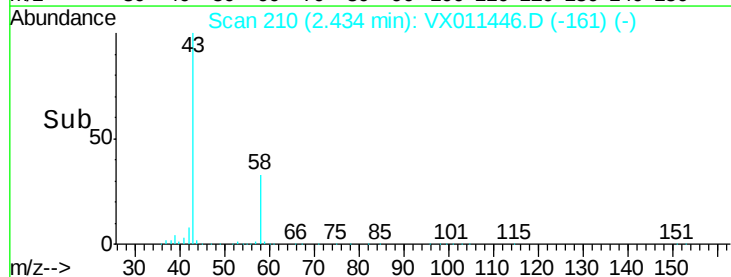
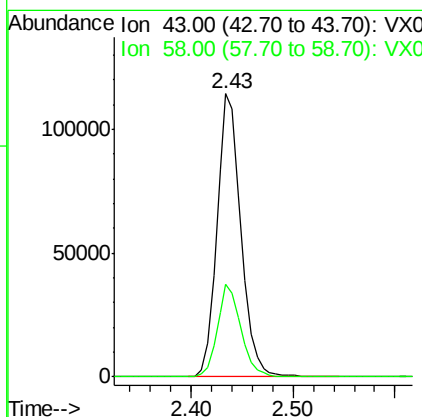
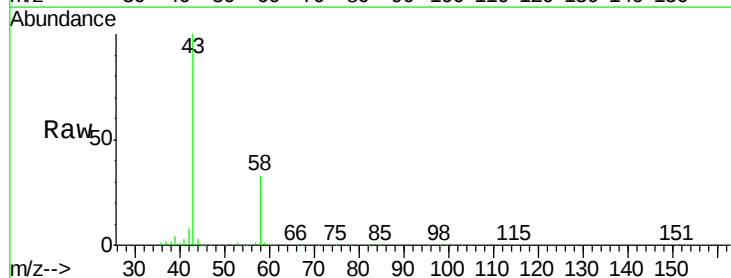
RT: 2.43 min Scan# 210

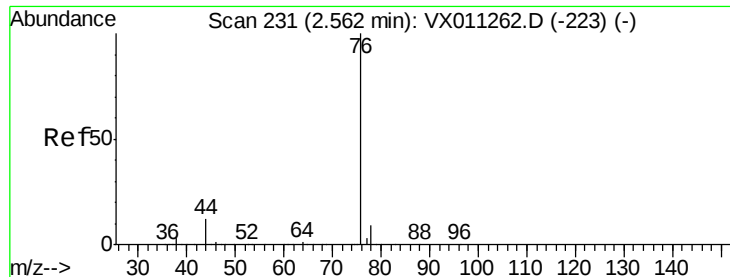
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	43	Resp:	186413
Ion Ratio		Lower	Upper
43	100		
58	32.7	27.4	41.0





#17

Carbon Disulfide

Concen: 47.327 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 164983

Ion Ratio Lower Upper

76 100

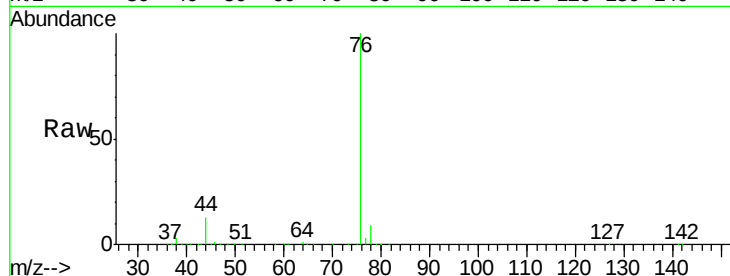
78 9.2 7.4 11.0

Manual Integrations

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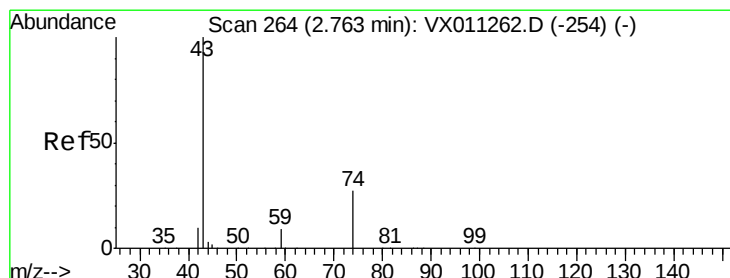
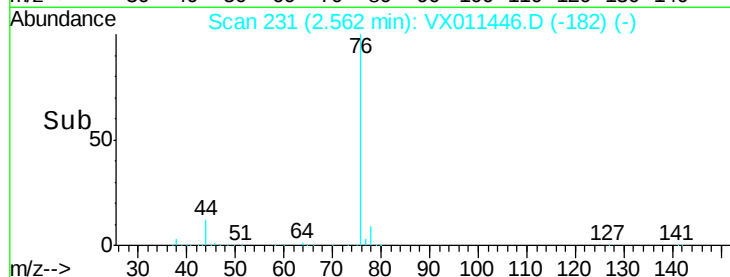
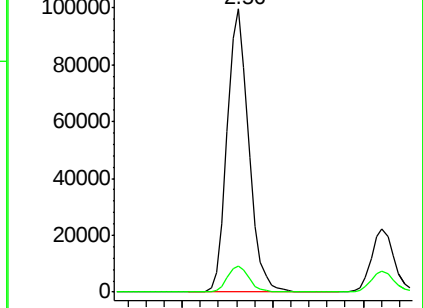
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.646 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011446.D

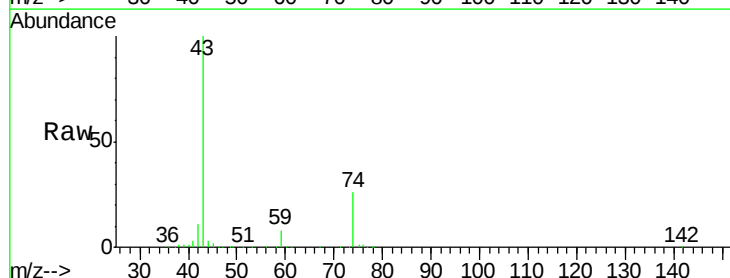
Acq: 11 Aug 2019 21:42

Tgt Ion: 43 Resp: 104891

Ion Ratio Lower Upper

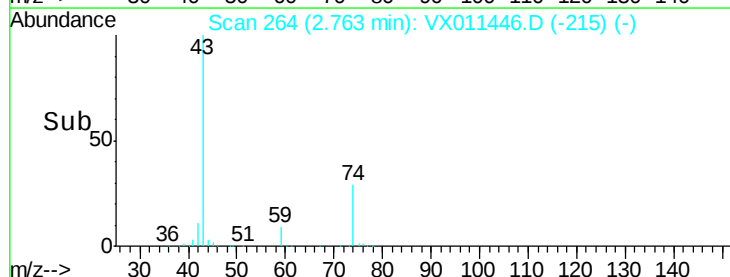
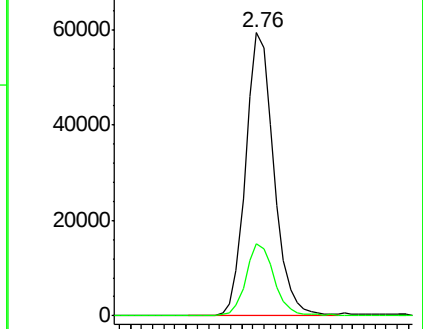
43 100

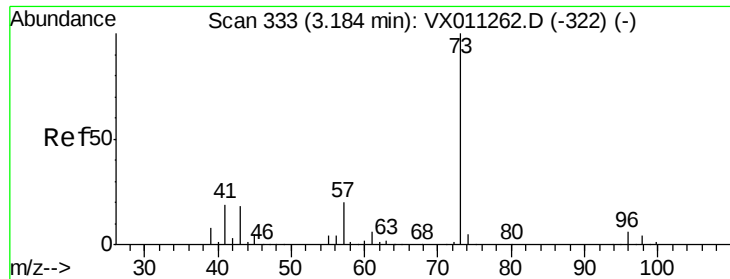
74 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





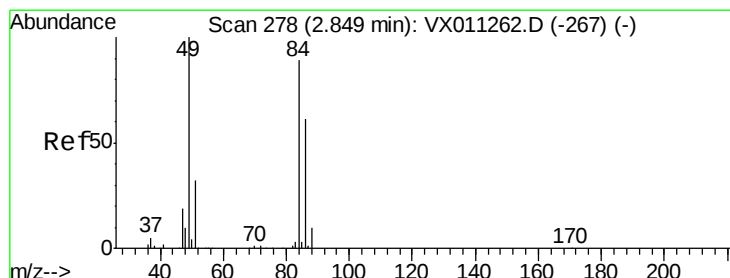
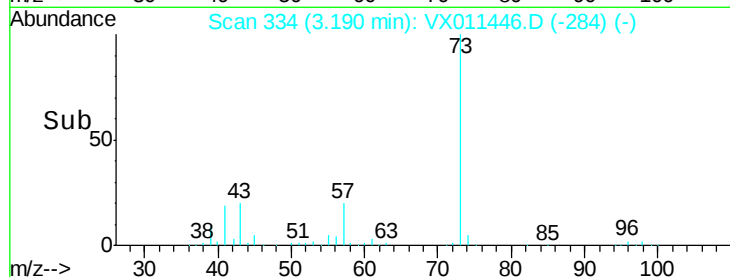
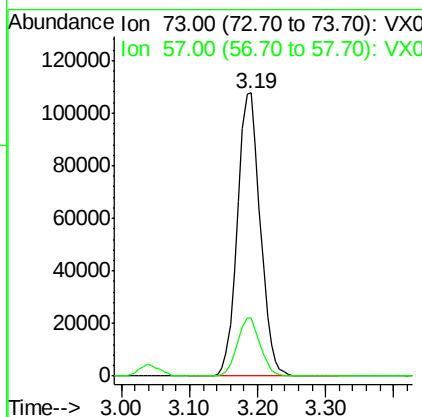
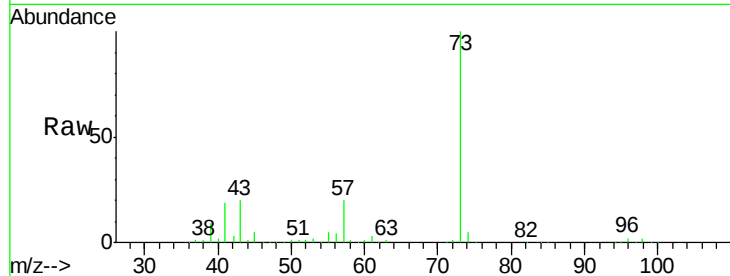
#19
Methyl tert-butyl Ether
Concen: 57.492 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 251686
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.2

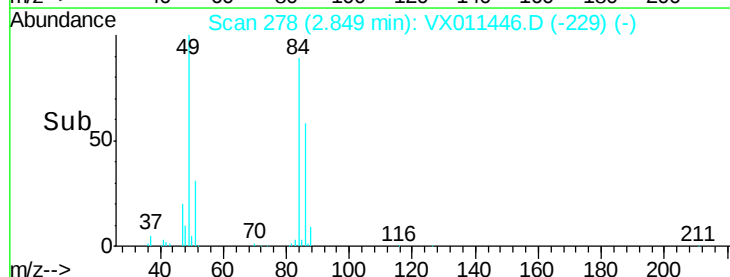
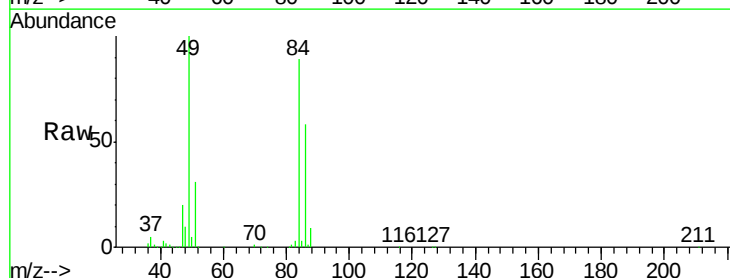
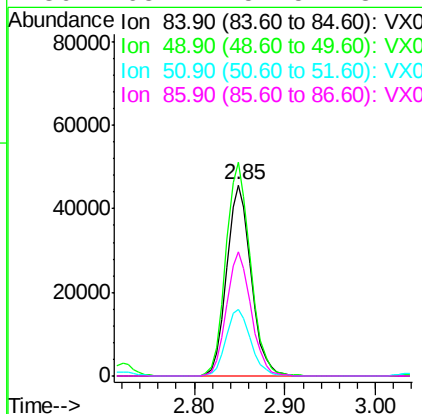
Manual Integrations
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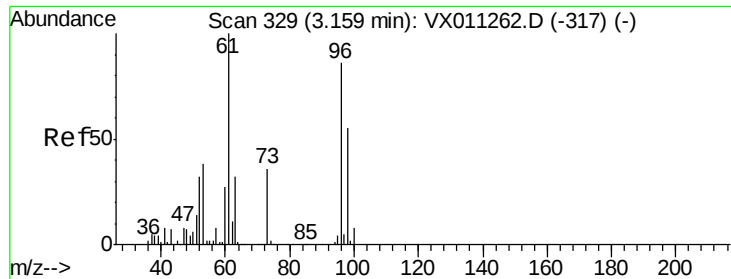
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#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 84 Resp: 85205
Ion Ratio Lower Upper
84 100
49 111.8 89.3 133.9
51 34.7 28.3 42.5
86 65.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.820 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

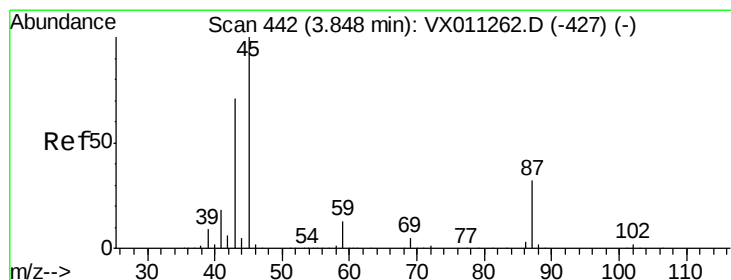
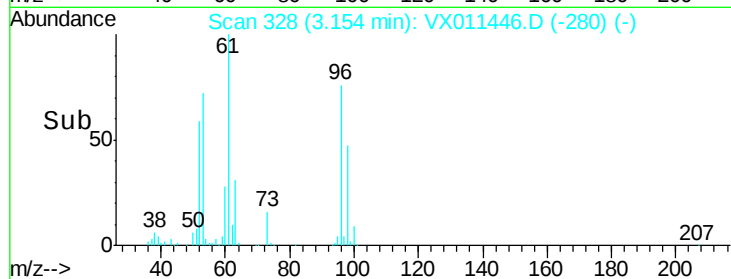
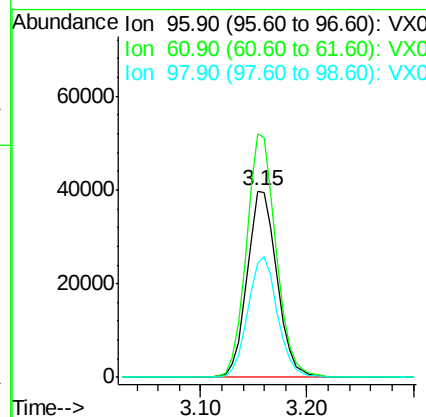
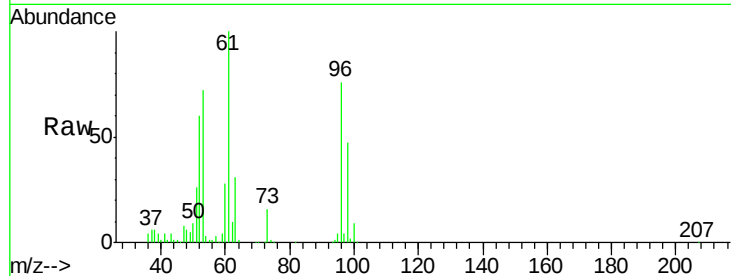
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	78289
Ion	Ratio	Lower	Upper
96	100		
61	130.8	92.8	139.2
98	61.4	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.931 ug/l

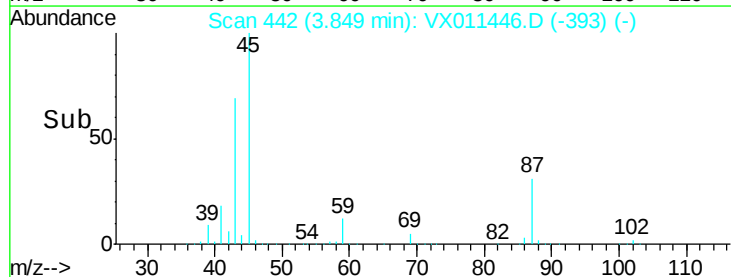
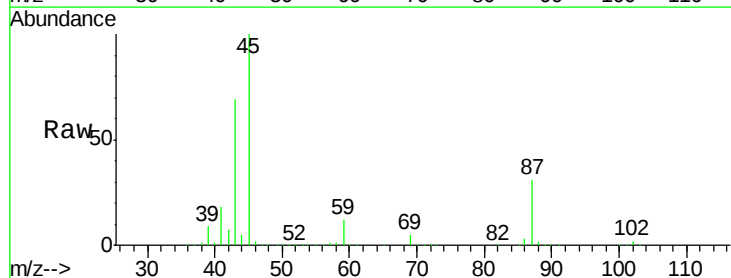
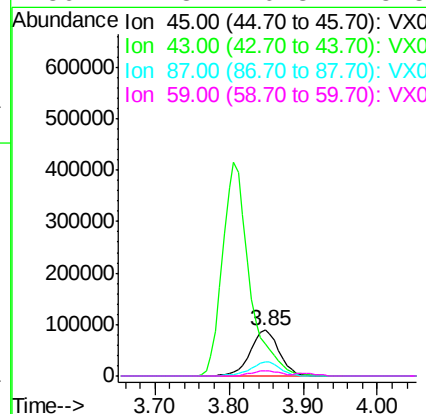
RT: 3.85 min Scan# 442

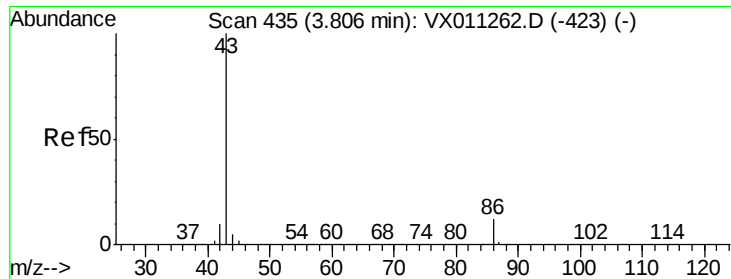
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	45	Resp:	243446
Ion	Ratio	Lower	Upper
45	100		
43	69.2	56.8	85.2
87	30.7	25.8	38.6
59	11.8	10.3	15.5





#23

Vinyl Acetate

Concen: 290.710 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1049488

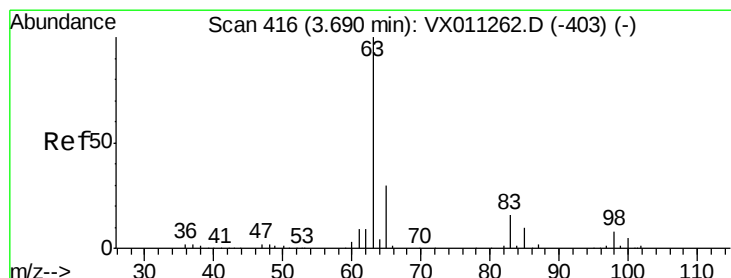
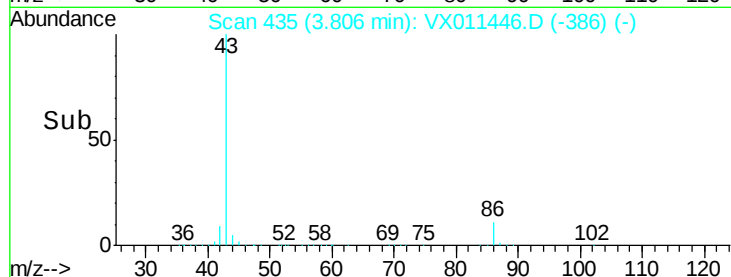
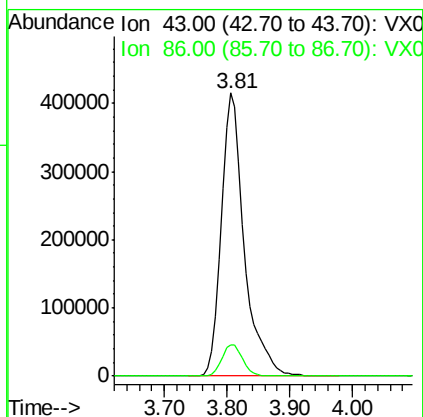
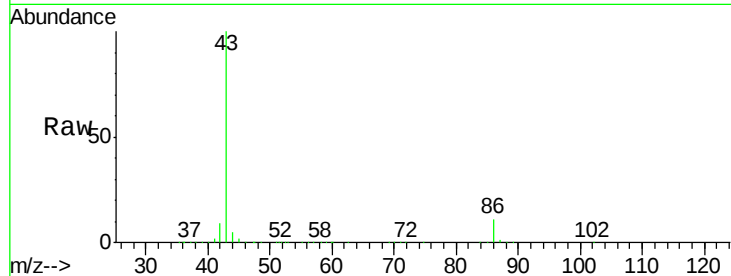
Ion Ratio Lower Upper

43 100

86 11.2 9.6 14.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 54.829 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

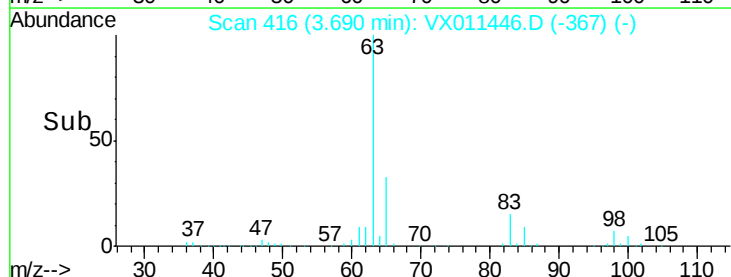
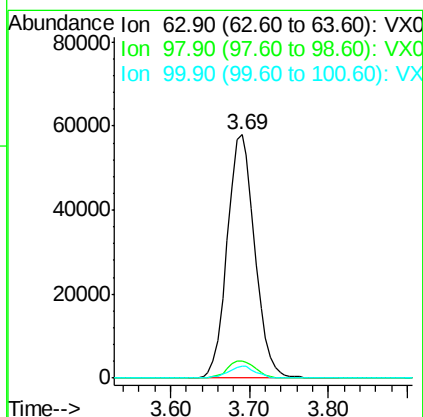
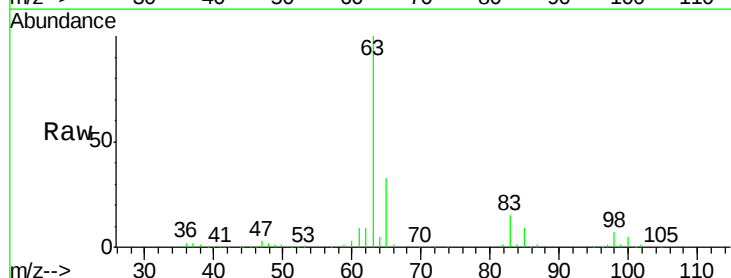
Tgt Ion: 63 Resp: 140721

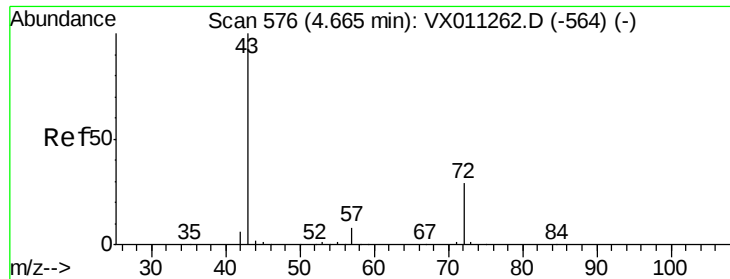
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.9 2.7 8.1





#25

2-Butanone

Concen: 271.550 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 302316

Ion Ratio Lower Upper

43 100

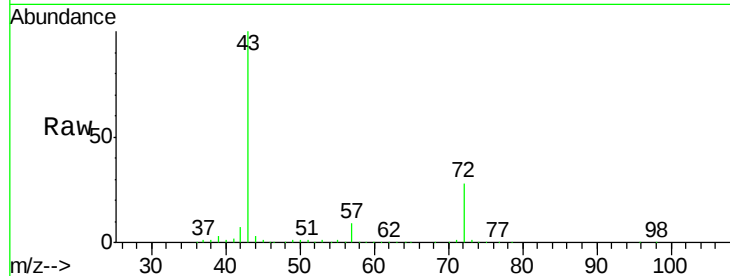
72 27.9 23.2 34.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

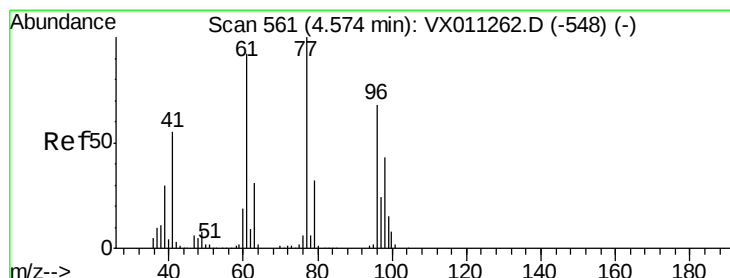
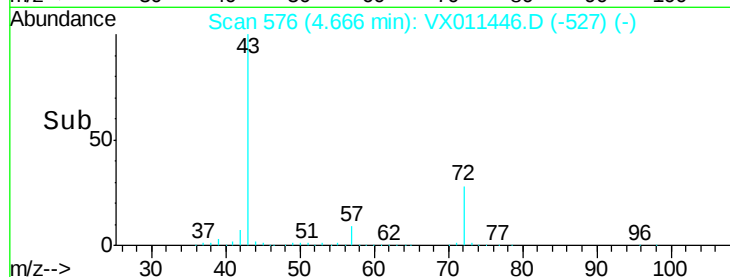
20000

0

4.67

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.045 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011446.D

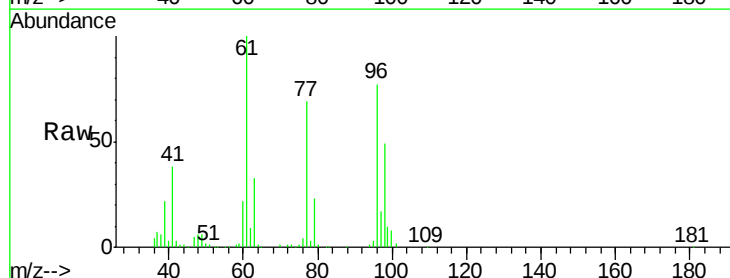
Acq: 11 Aug 2019 21:42

Tgt Ion: 77 Resp: 89870

Ion Ratio Lower Upper

77 100

97 24.6 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

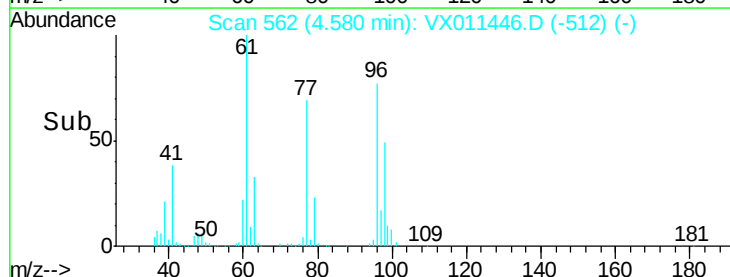
10000

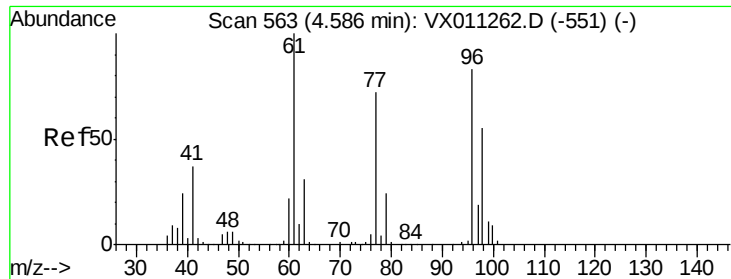
0

4.58

4.50 4.60 4.70

Time-->





#27

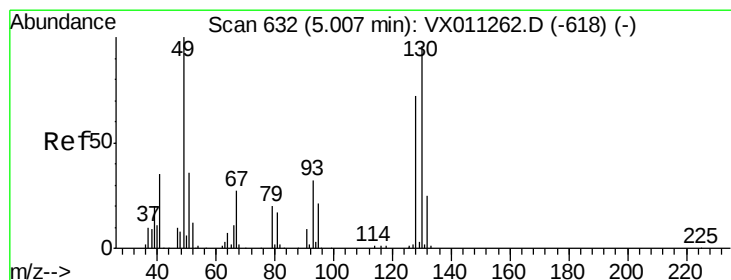
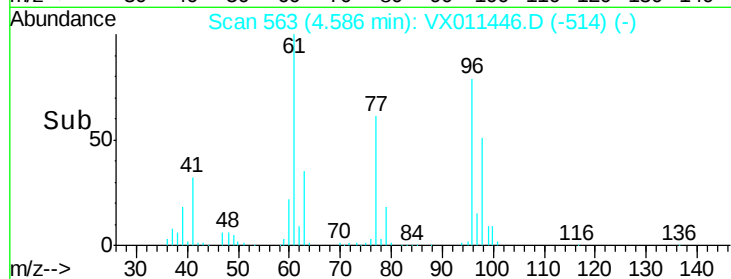
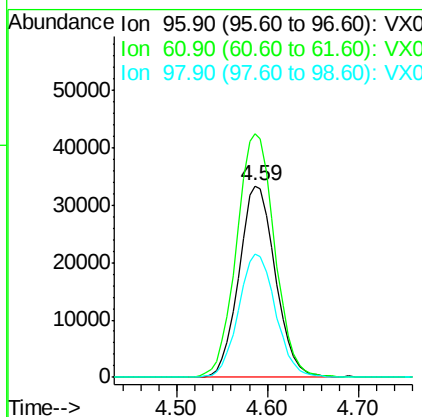
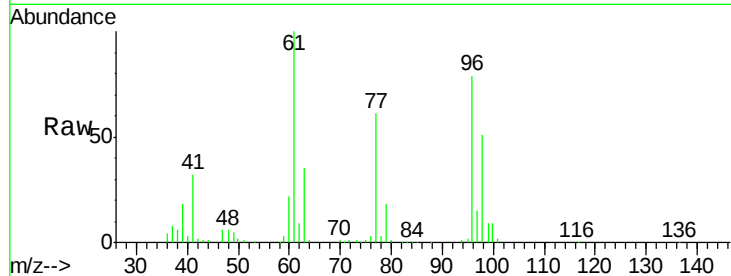
cis-1,2-Dichloroethene
Concen: 51.362 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	0.0	260.2
98	65.5	0.0	133.2

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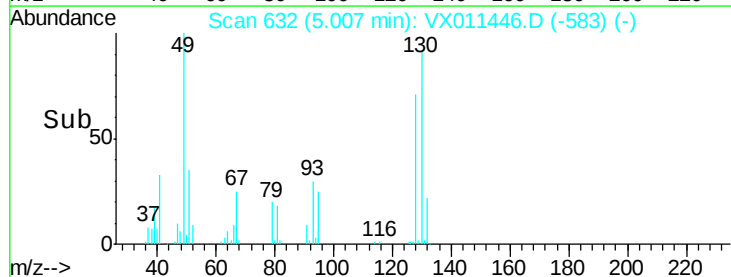
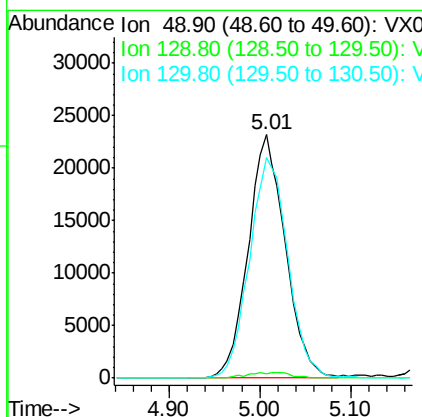
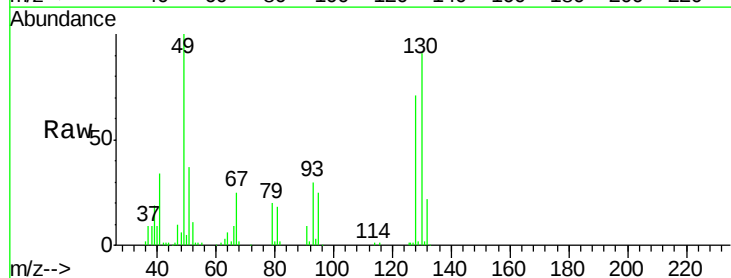
MMDadoda
8/12/2019 10:29:56 AM

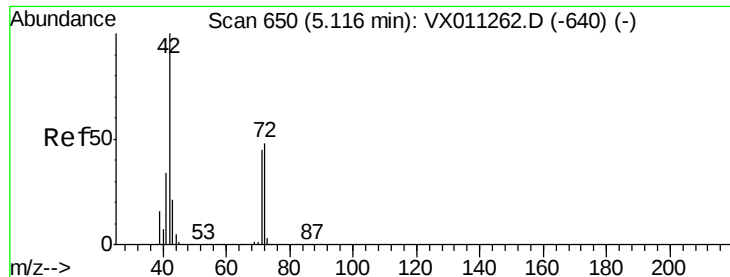


#28

Bromochloromethane
Concen: 56.053 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.8
130	93.7	77.9	116.9





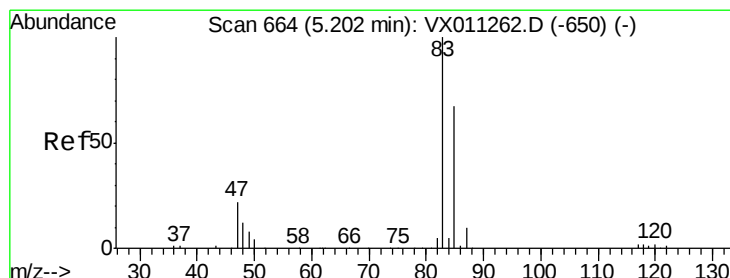
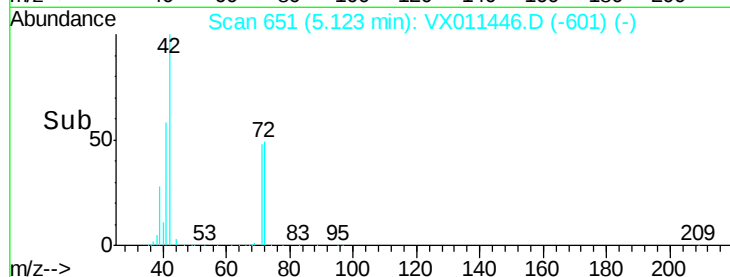
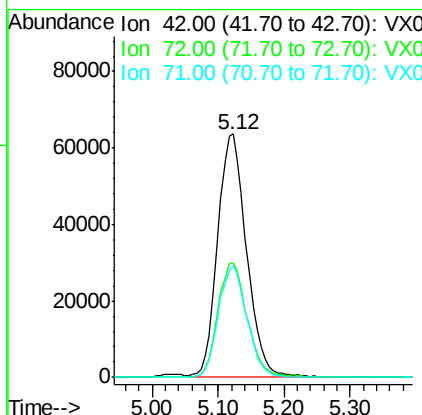
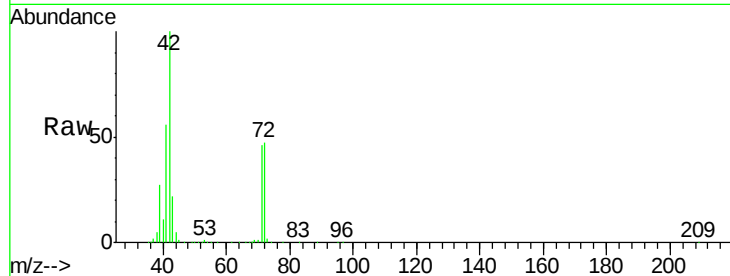
#29
Tetrahydrofuran
Concen: 280.355 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	191375
Ion Ratio		Lower	Upper
42	100		
72	48.5	39.9	59.9
71	45.3	36.9	55.3

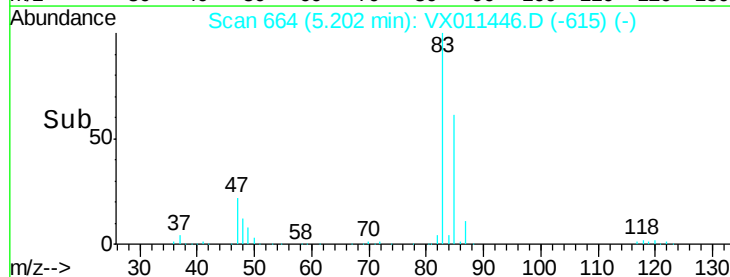
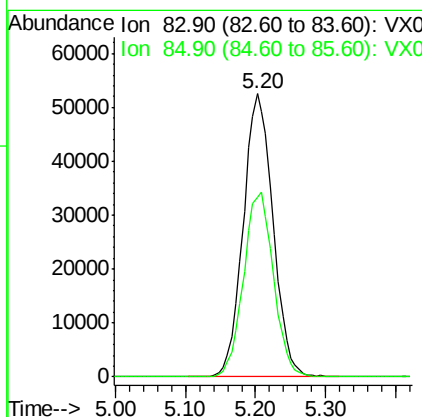
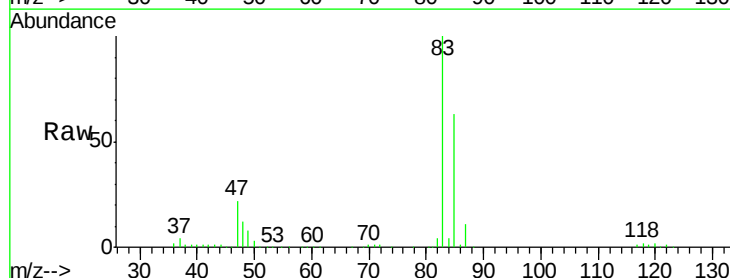
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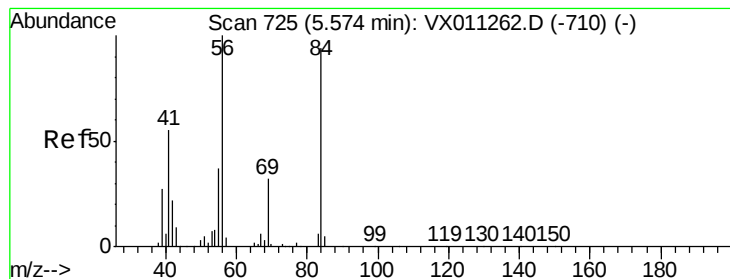
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#30
Chloroform
Concen: 55.615 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:	83	Resp:	155137
Ion Ratio		Lower	Upper
83	100		
85	63.3	53.4	80.0





#31

Cyclohexane

Concen: 51.338 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

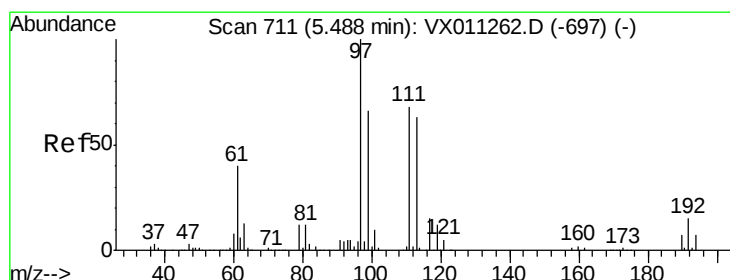
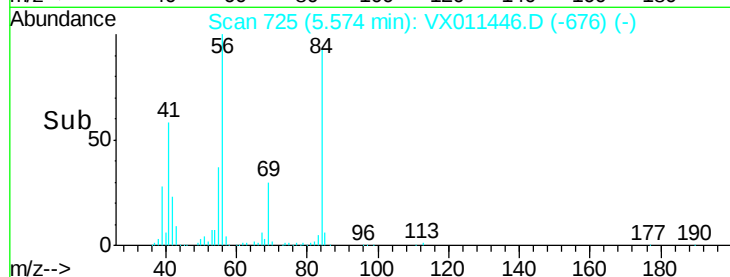
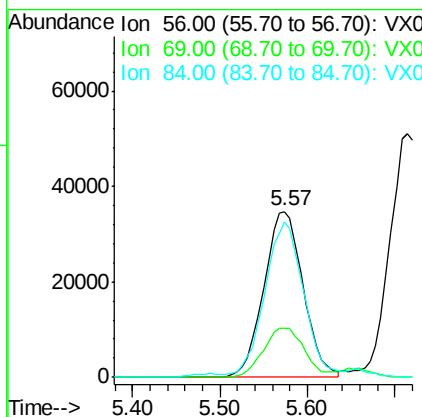
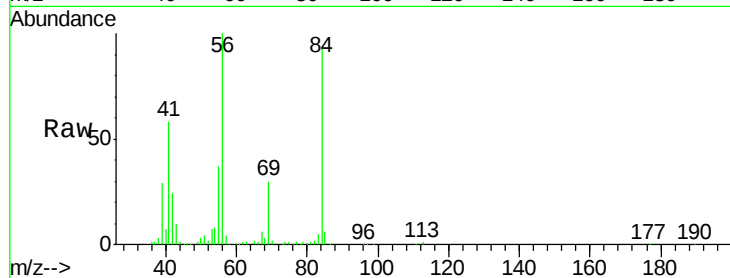
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	108706
Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.5	38.3
84	92.1	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 57.733 ug/l

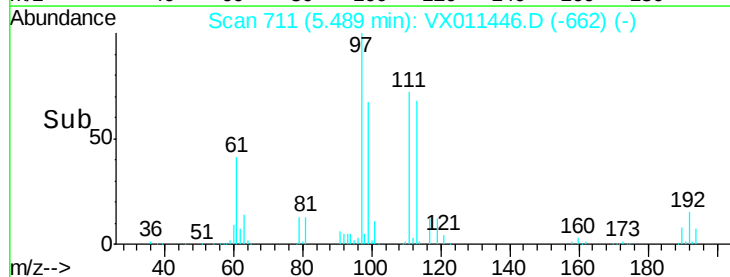
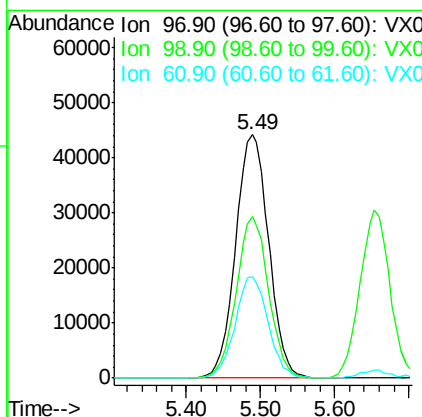
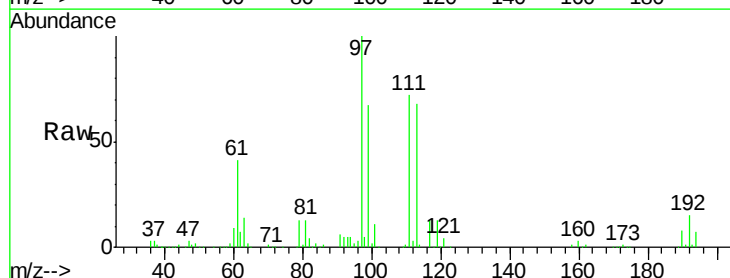
RT: 5.49 min Scan# 711

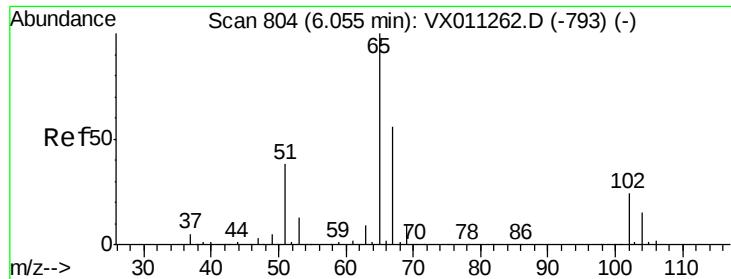
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	97	Resp:	137958
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	41.8	32.3	48.5





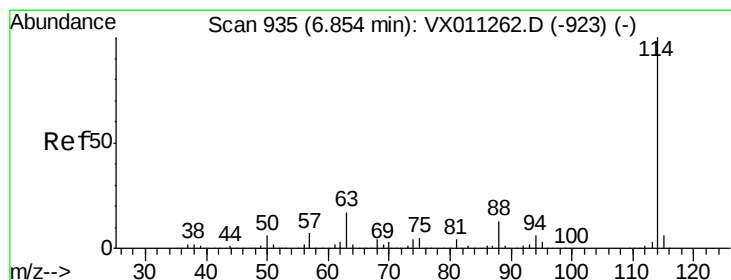
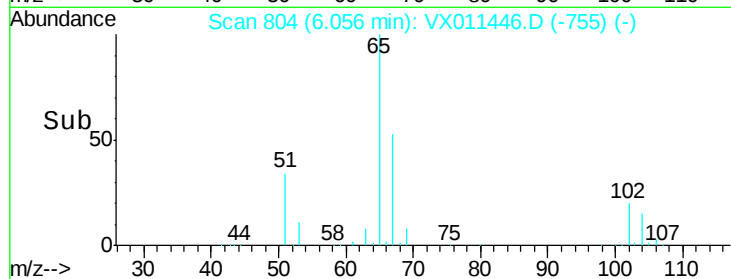
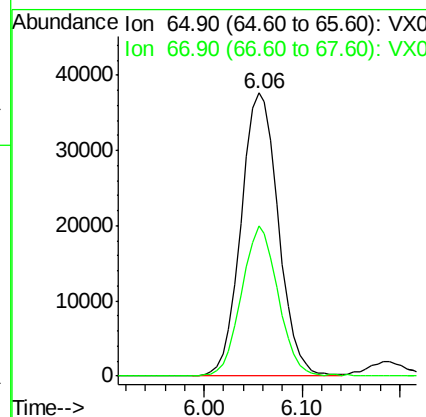
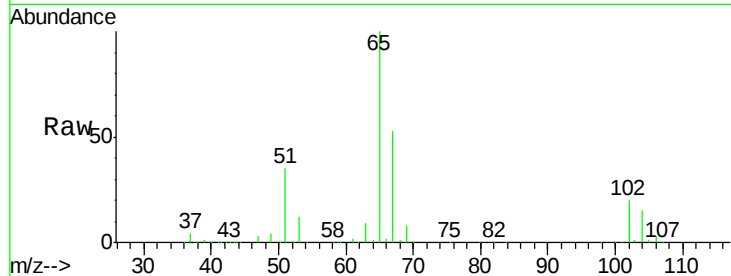
#33
 1,2-Dichloroethane-d4
 Concen: 60.773 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.6

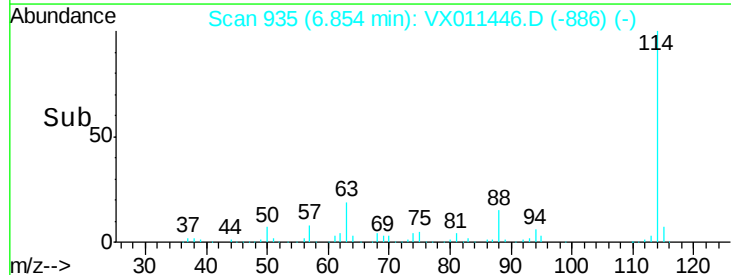
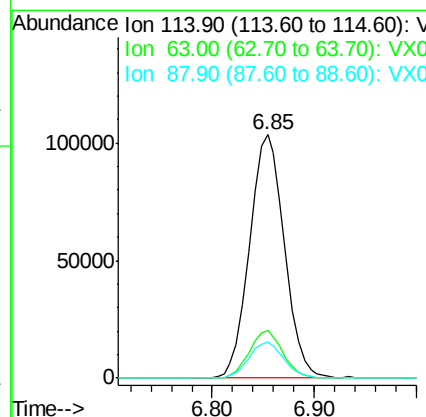
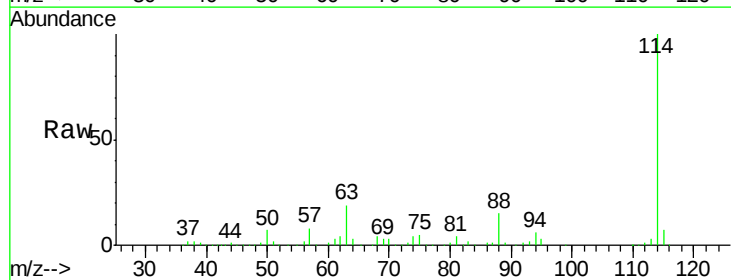
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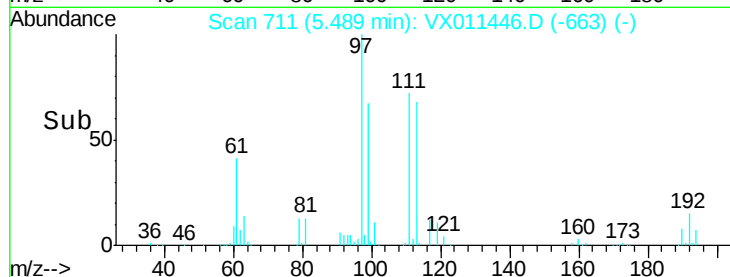
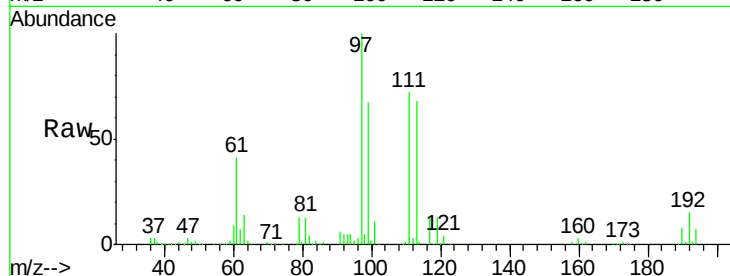
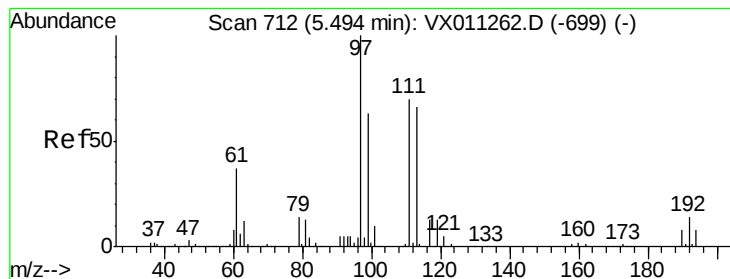
MMDadoda
 8/12/2019 10:29:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	34.0
88	15.0	0.0	26.4





#35

Dibromofluoromethane

Concen: 53.982 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011446.D

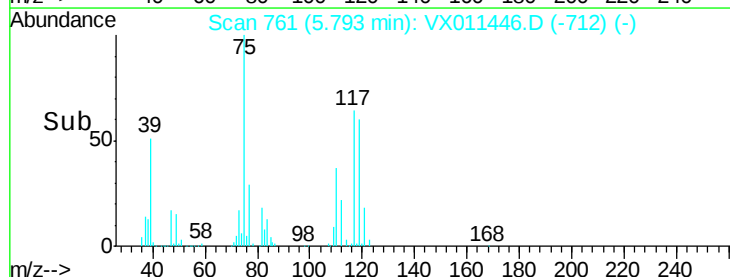
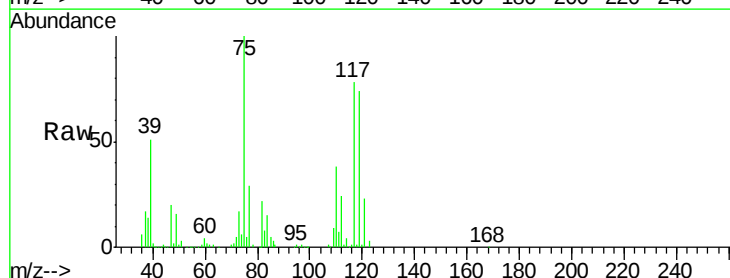
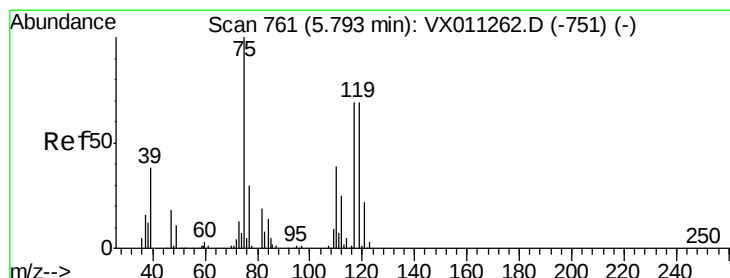
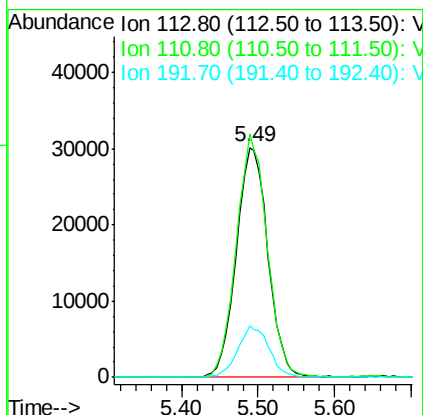
Acq: 11 Aug 2019 21:42

Tot Ion:	113	Resp:	86627
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	22.1	17.8	26.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.446 ug/l

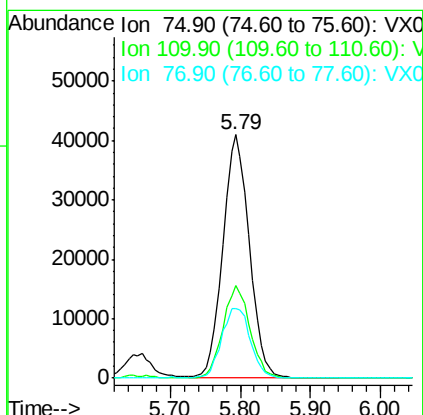
RT: 5.79 min Scan# 761

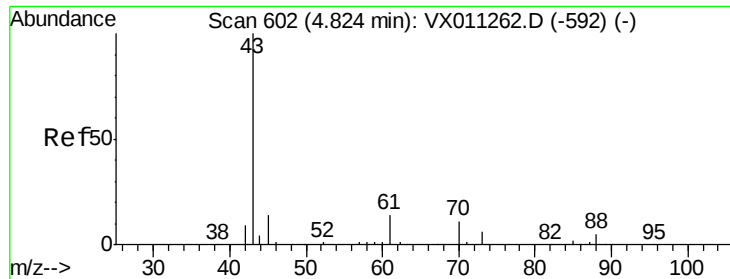
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	75	Resp:	108256
Ion	Ratio	Lower	Upper
75	100		
110	38.5	20.0	59.9
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 53.659 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

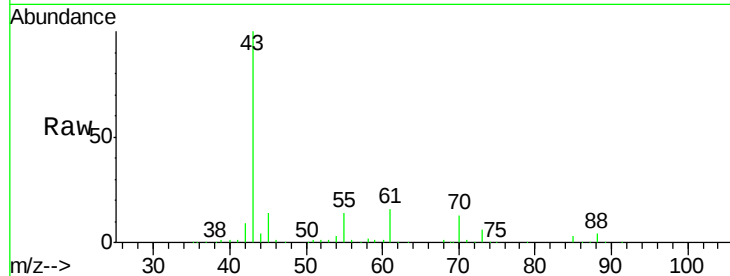
ClientSampleId :

VSTDCCC050

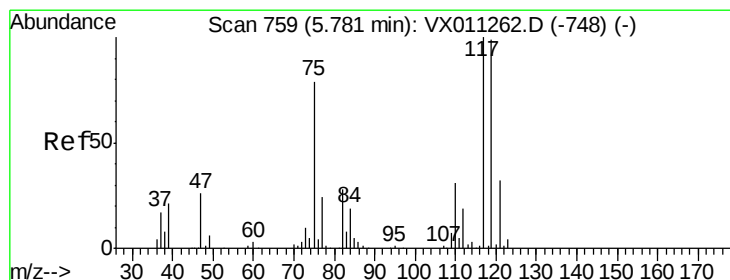
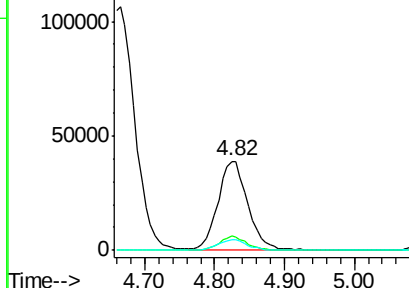
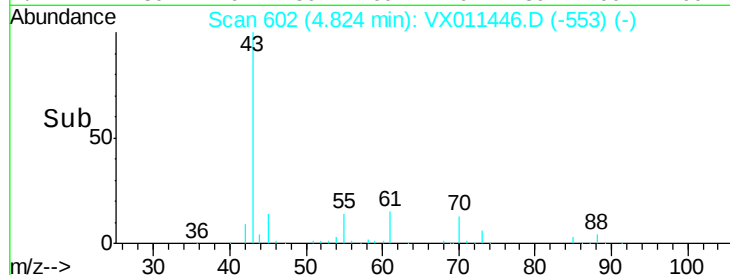
Tot Ion:	43	Resp:	115506
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.6	18.8
70	11.7	9.1	13.7

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Abundance Ion 43.00 (42.70 to 43.70): VX011446.D (-553) (-)



#38

Carbon Tetrachloride

Concen: 56.153 ug/l

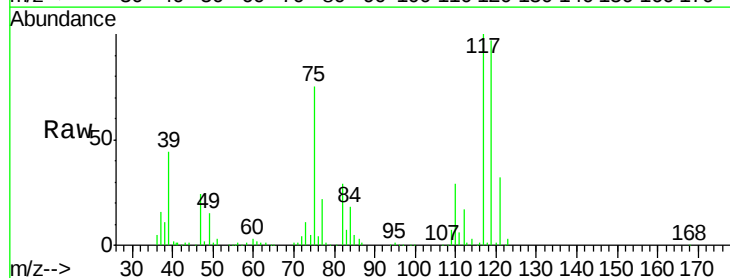
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

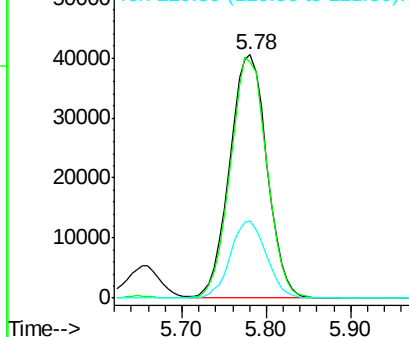
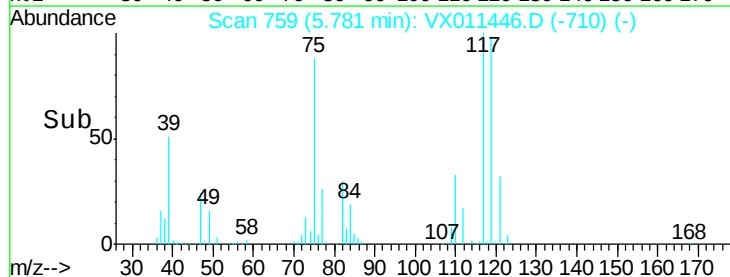
Lab File: VX011446.D

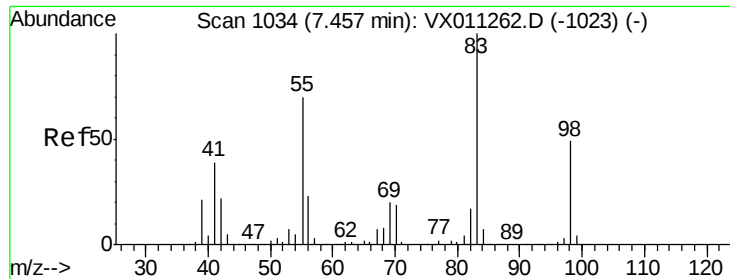
Acq: 11 Aug 2019 21:42

Tgt Ion:	117	Resp:	121236
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.0	118.4
121	31.8	25.9	38.9



Abundance Ion 116.80 (116.50 to 117.50): VX011446.D (-710) (-)





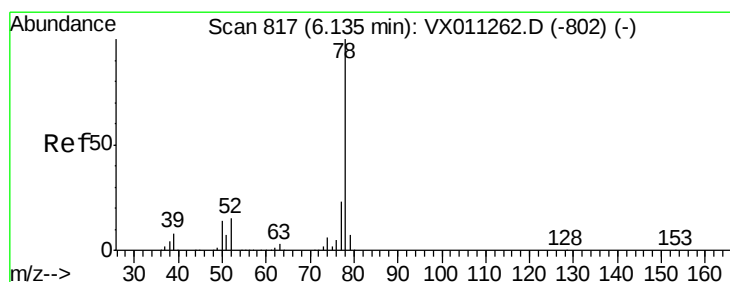
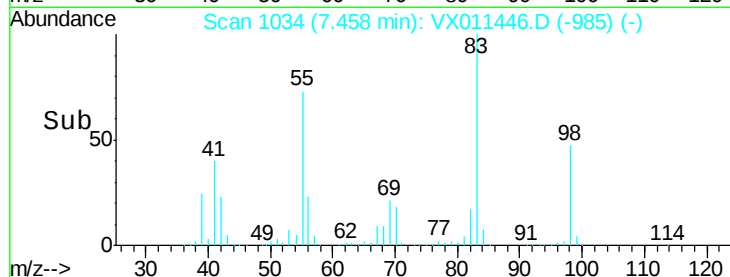
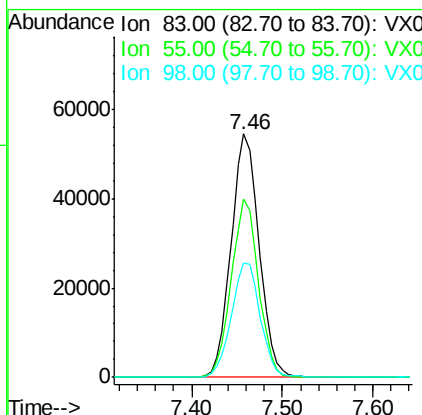
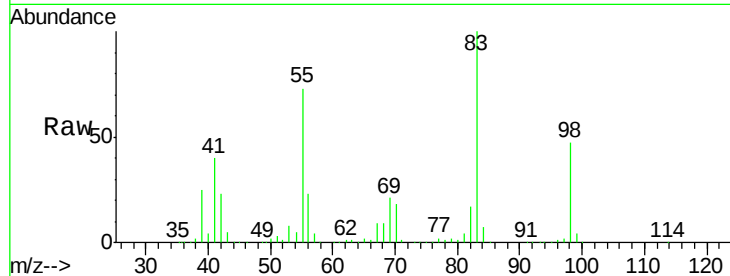
#39
Methvlcvclohexane
Concen: 46.123 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	117324		
55	73.0		56.1	84.1
98	47.2		39.0	58.4

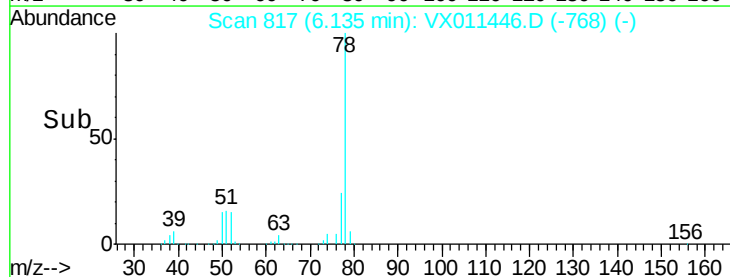
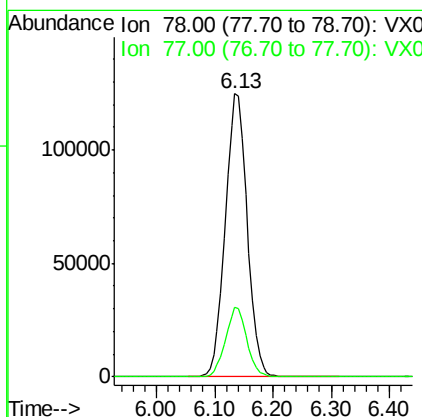
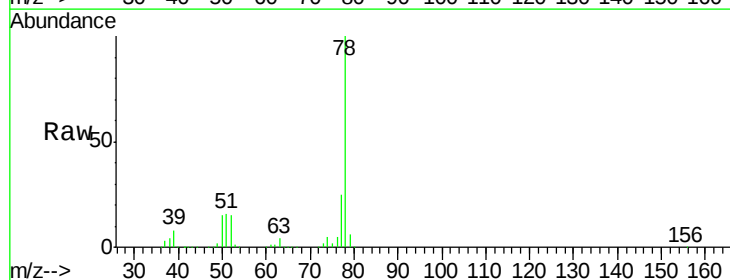
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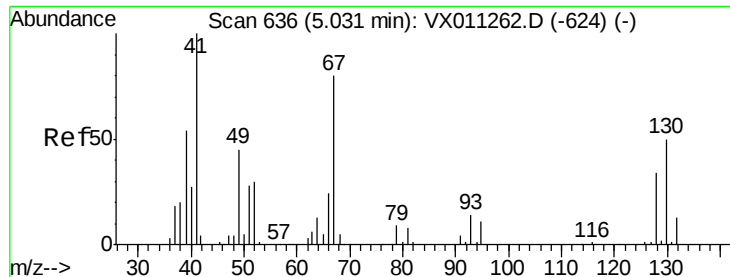
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#40
Benzene
Concen: 51.093 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	327191		
77	24.6		18.2	27.2





#41

Methacrylonitrile

Concen: 53.318 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

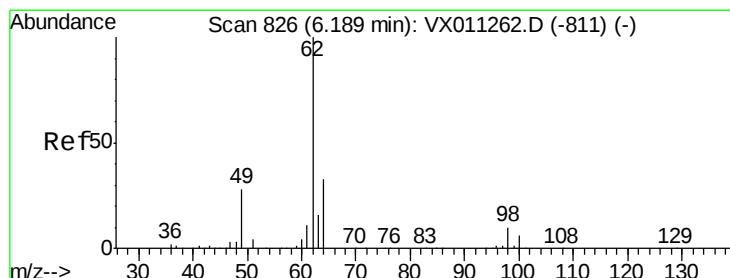
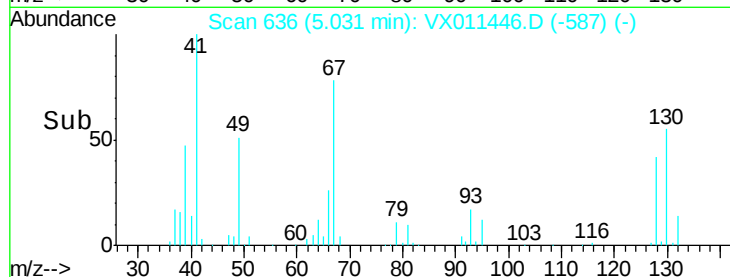
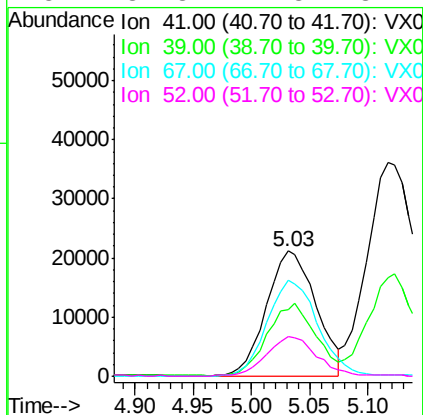
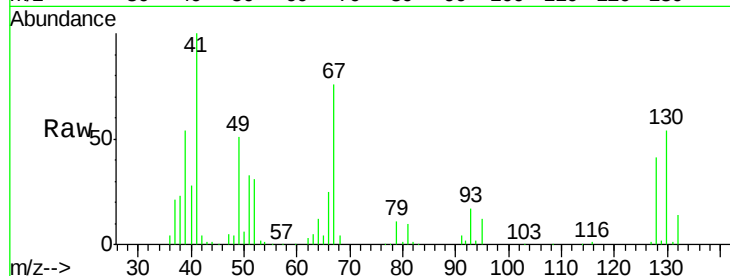
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	62681
Ion Ratio	Lower	Upper	
41	100		
39	55.7	43.0	64.6
67	79.3	65.1	97.7
52	32.3	24.8	37.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 57.297 ug/l

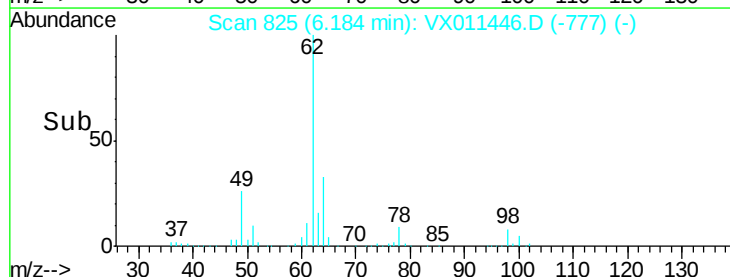
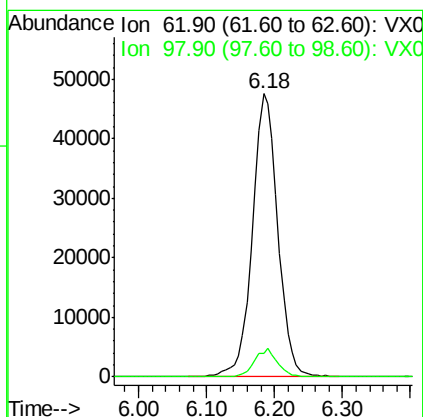
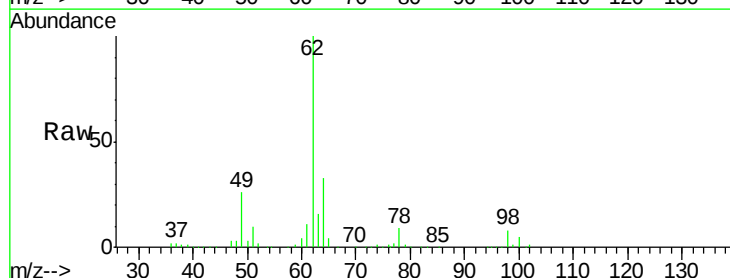
RT: 6.18 min Scan# 825

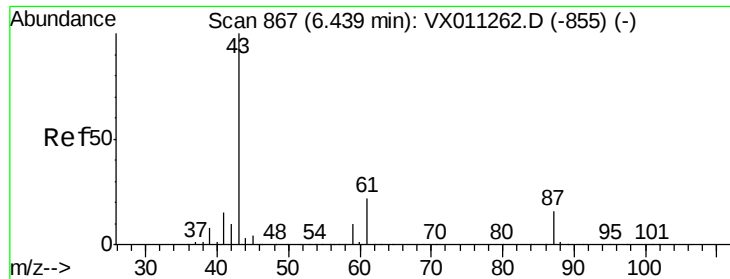
Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	62	Resp:	124074
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	20.6





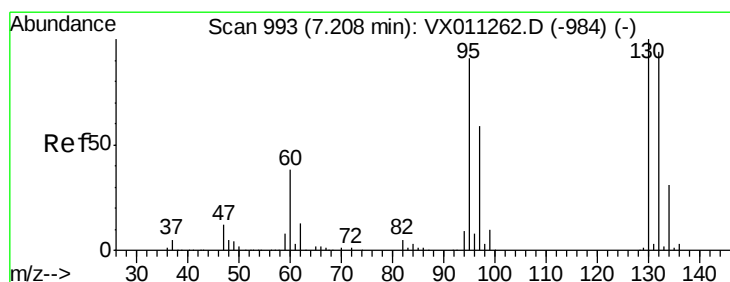
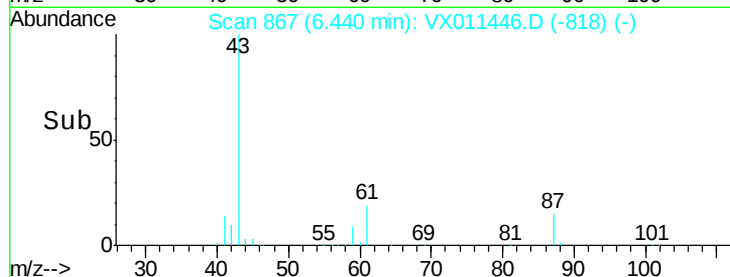
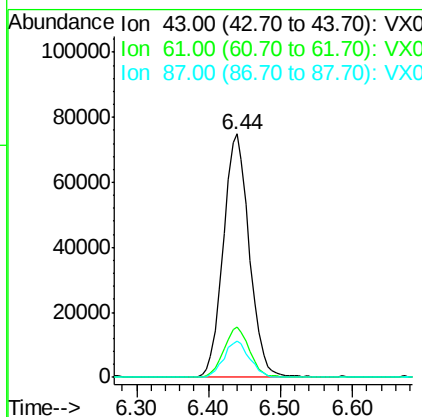
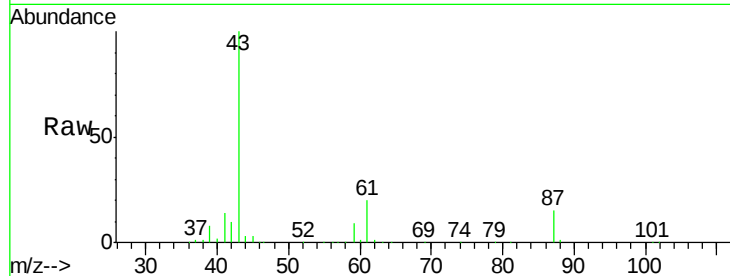
#43
Isopropyl Acetate
Concen: 54.302 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.5	24.7
87	14.8	12.1	18.1

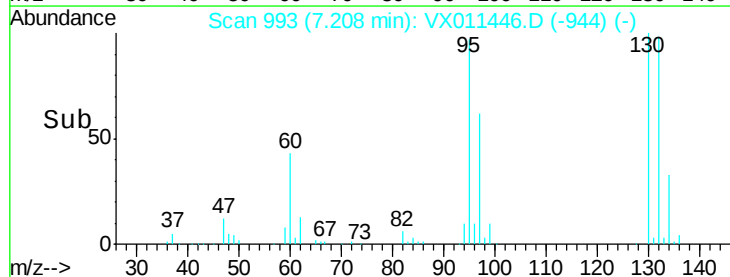
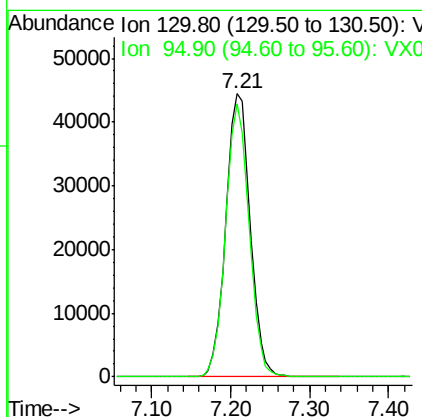
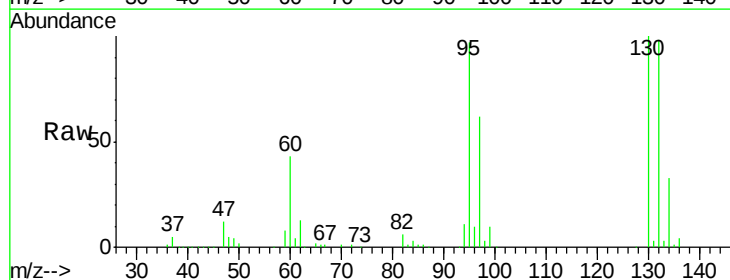
Manual Integrations
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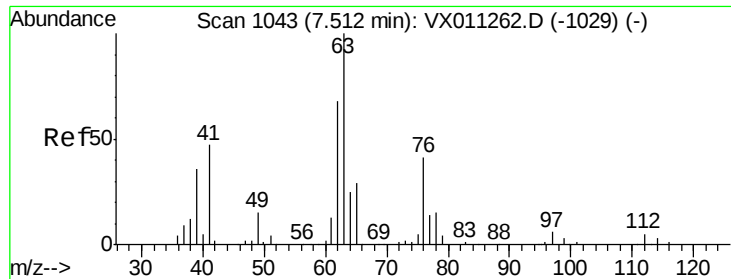
MMDadoda
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#44
Trichloroethene
Concen: 49.557 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	182.6





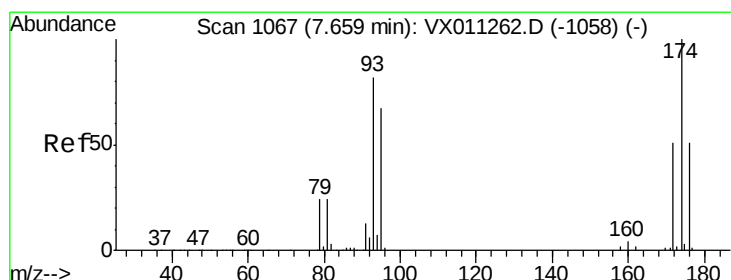
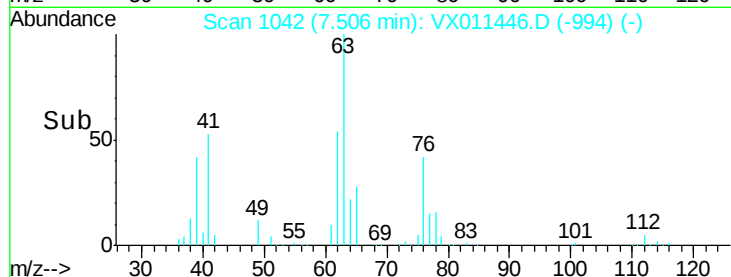
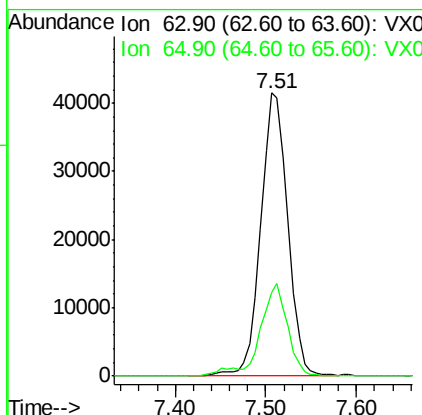
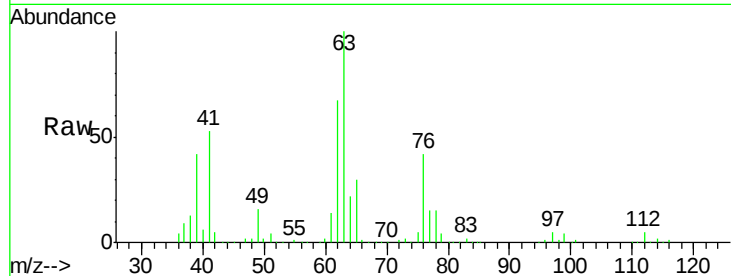
#45
 1,2-Dichloropropane
 Concen: 51.666 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 85687
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.3 34.9

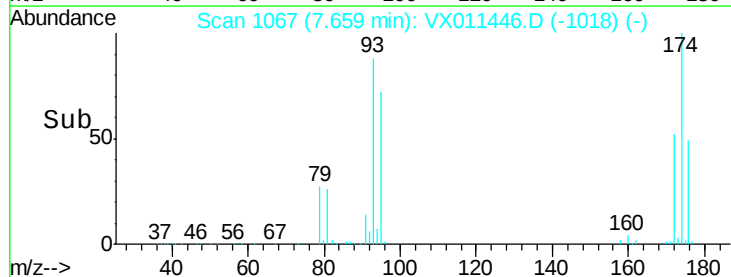
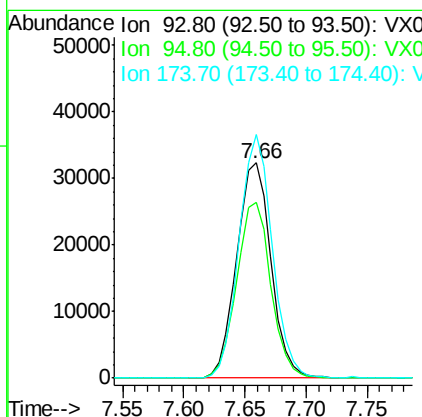
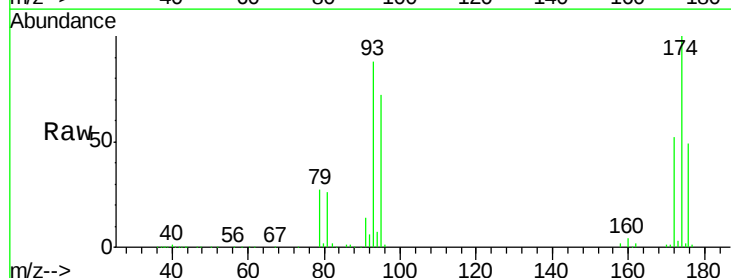
Manual Integrations
 APPROVED

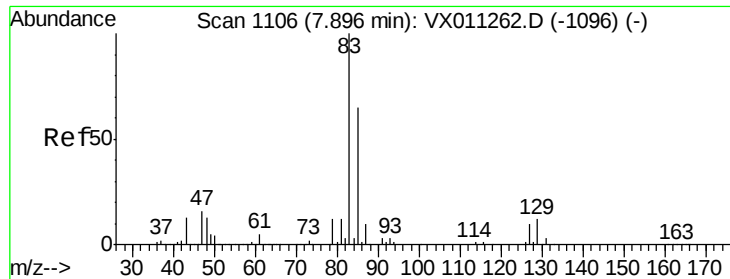
MMDadoda
 8/12/2019 10:29:56 AM



#46
 Dibromomethane
 Concen: 52.229 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 93 Resp: 63234
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 109.1 93.4 140.2





#47

Bromodichloromethane

Concen: 57.845 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

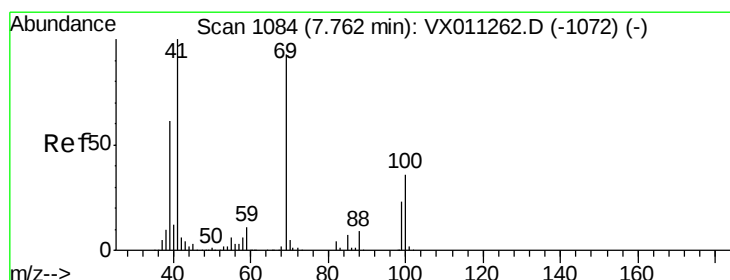
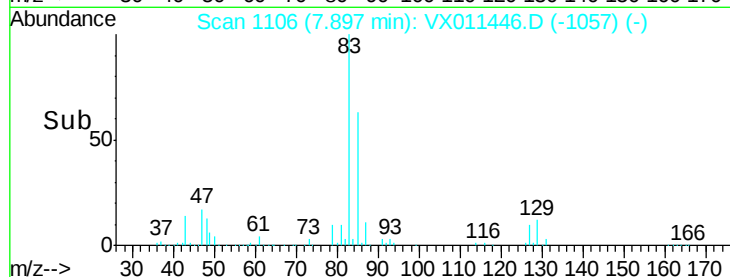
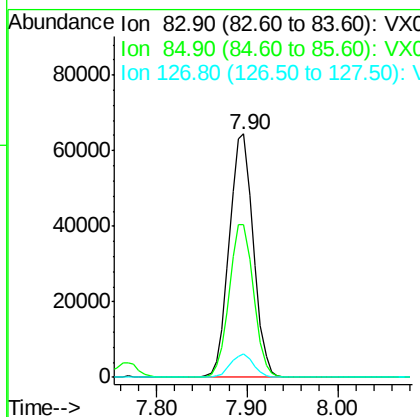
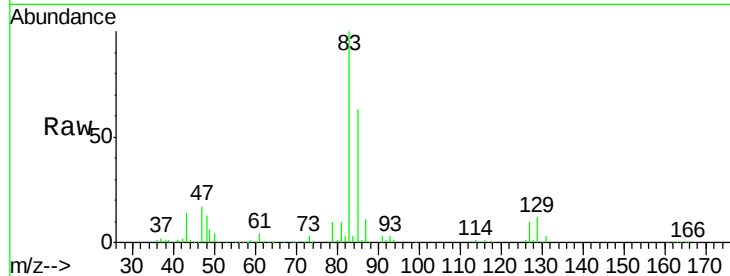
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	118573
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.2	78.2
127	9.6	7.8	11.8

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#48

Methyl methacrylate

Concen: 58.109 ug/l

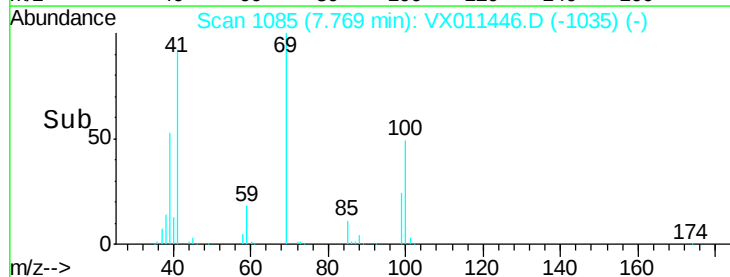
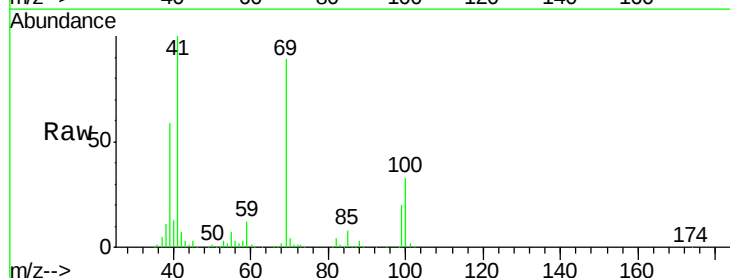
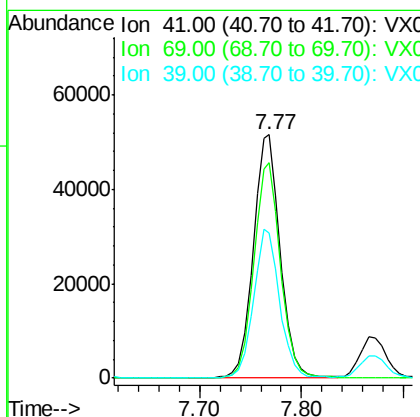
RT: 7.77 min Scan# 1085

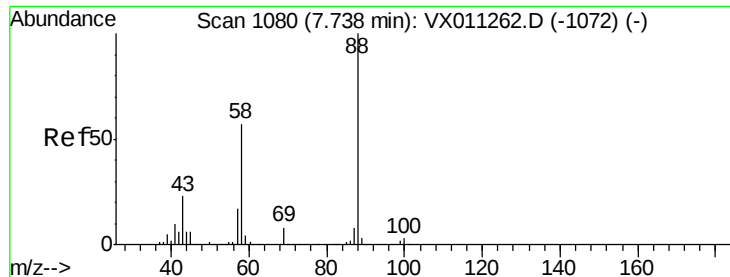
Delta R.T. 0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	41	Resp:	94114
Ion Ratio	Lower	Upper	
41	100		
69	88.3	74.5	111.7
39	60.1	48.6	72.8





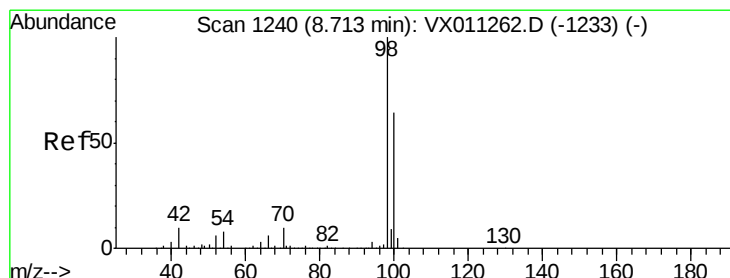
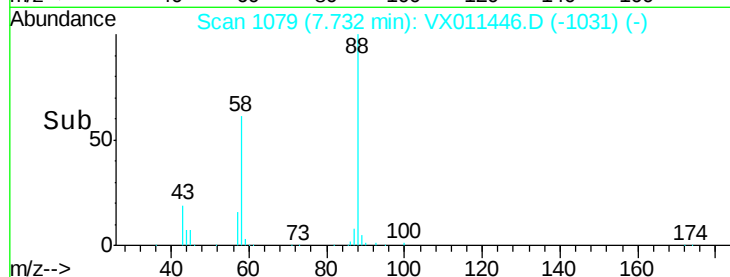
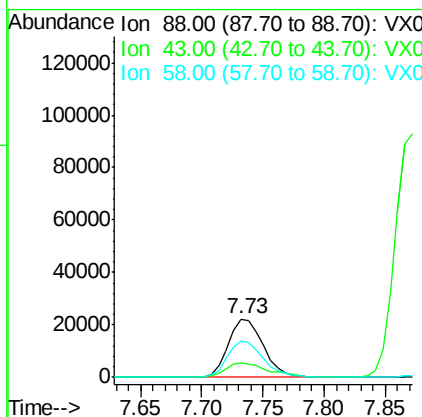
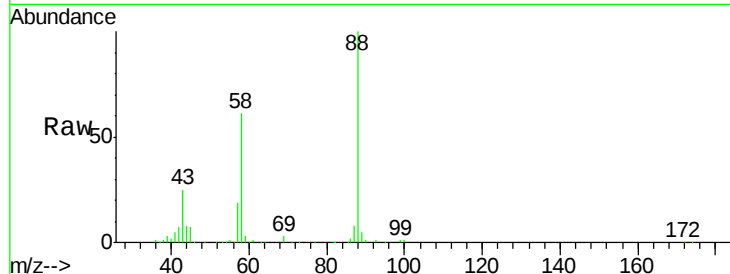
#49
 1,4-Dioxane
 Concen: 939.681 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.2	33.2
58	64.7	47.8	71.8

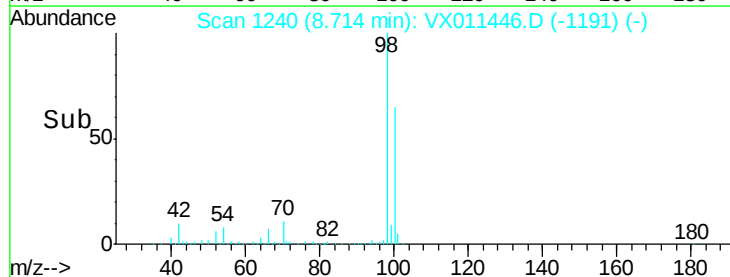
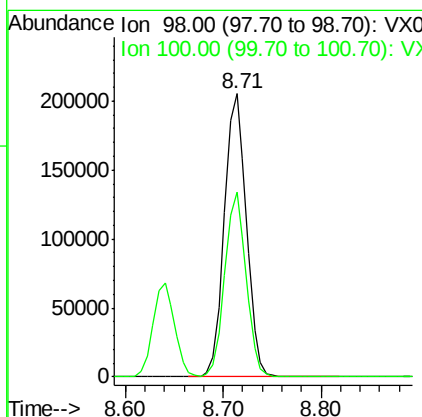
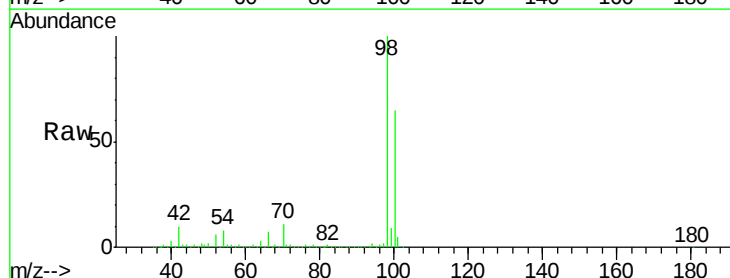
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#50
 Toluene-d8
 Concen: 52.866 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 282.432 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 627287

Ion Ratio Lower Upper

43 100

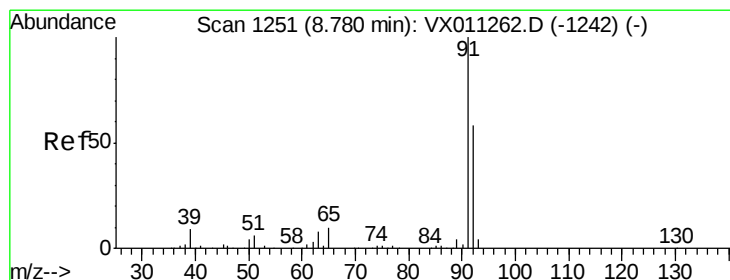
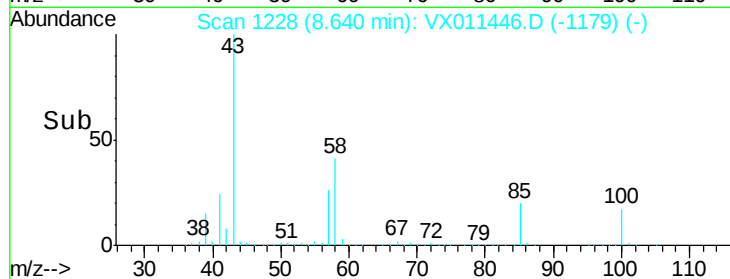
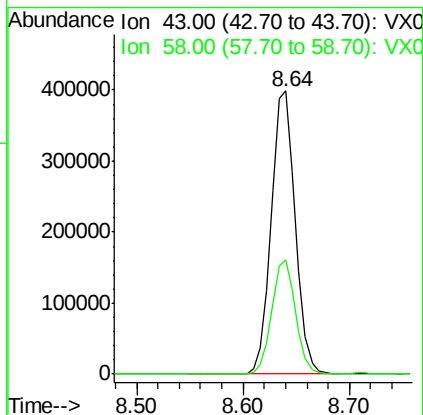
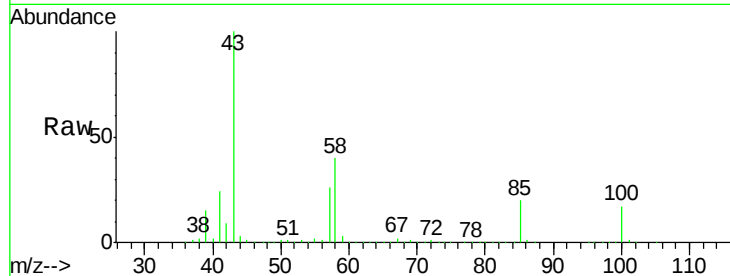
58 40.0 32.3 48.5

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#52

Toluene

Concen: 51.631 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011446.D

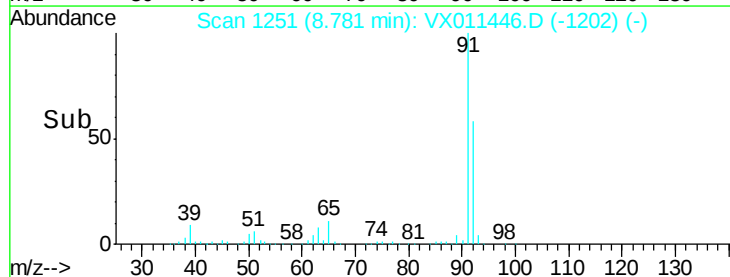
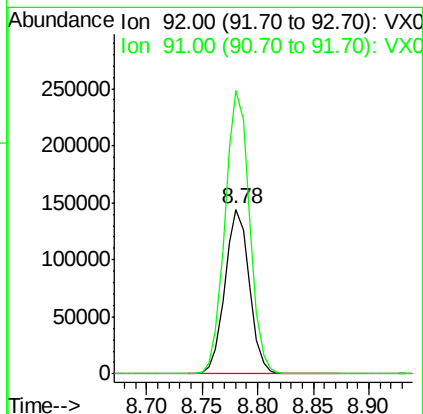
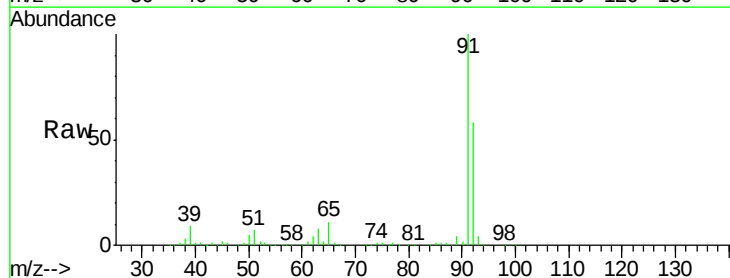
Acq: 11 Aug 2019 21:42

Tgt Ion: 92 Resp: 218606

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.0





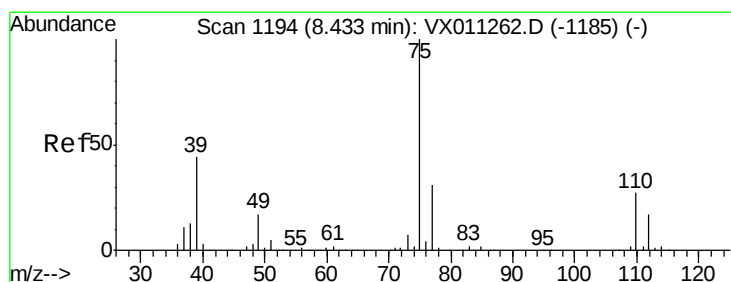
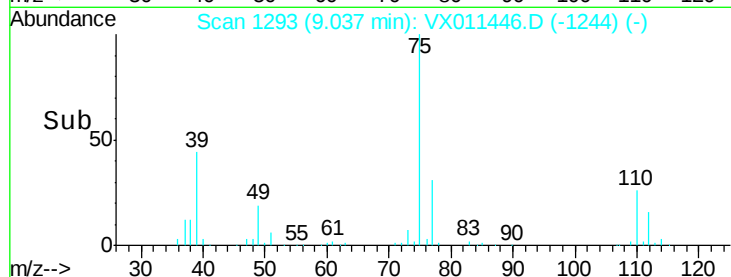
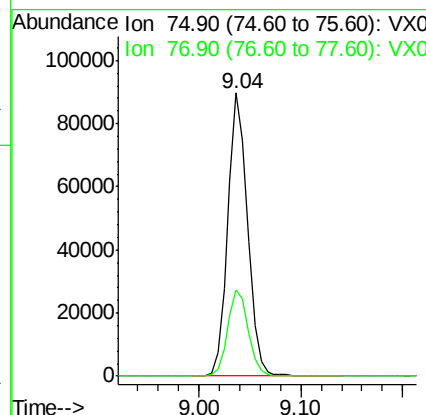
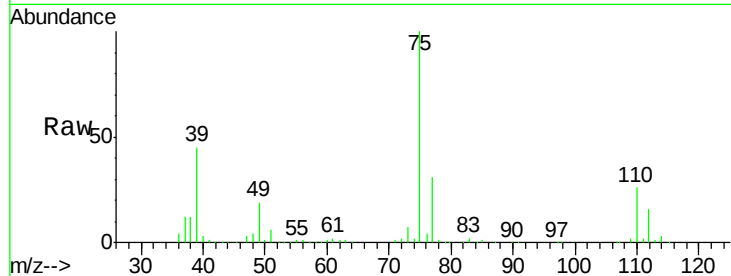
#53
t-1,3-Dichloropropene
Concen: 50.713 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 121166
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

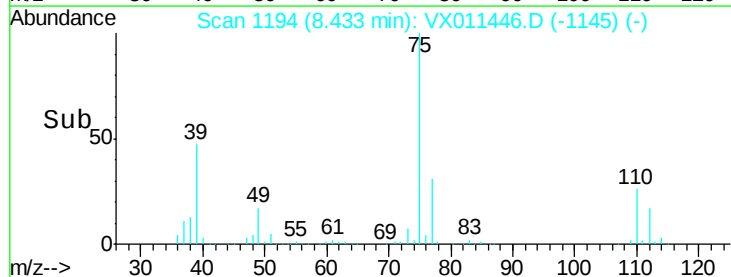
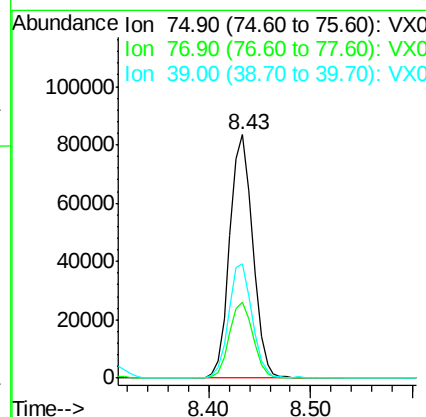
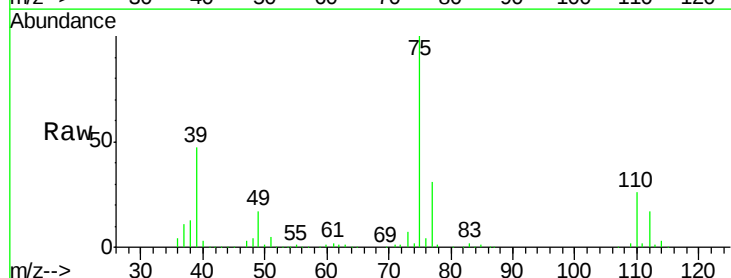
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#54
cis-1,3-Dichloropropene
Concen: 54.728 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 75 Resp: 131044
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 46.8 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 54.249 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

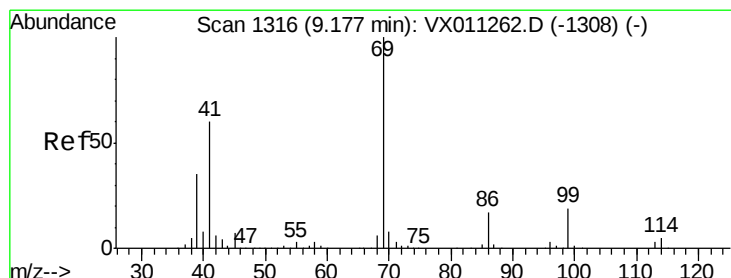
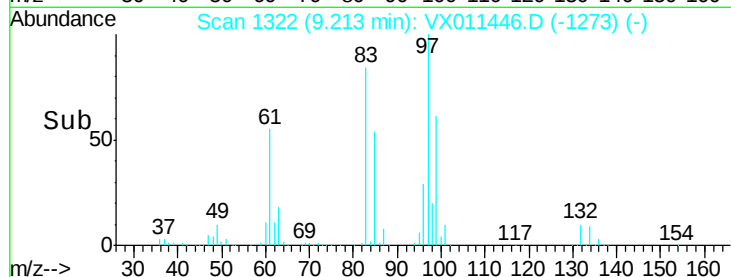
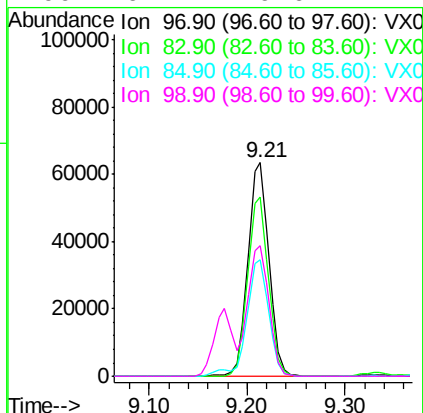
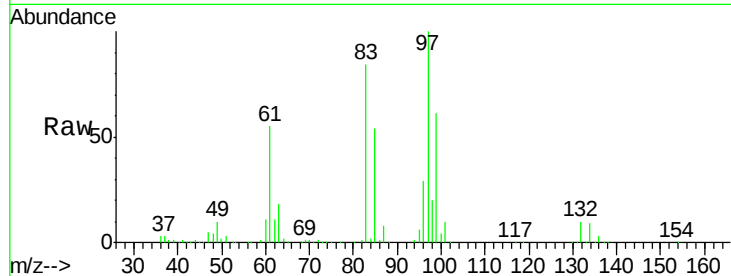
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	94439
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.6	101.4
85	54.3	43.4	65.0
99	61.2	49.6	74.4

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#56

Ethyl methacrylate

Concen: 57.281 ug/l

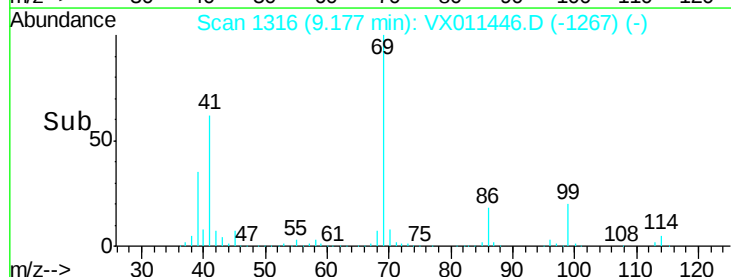
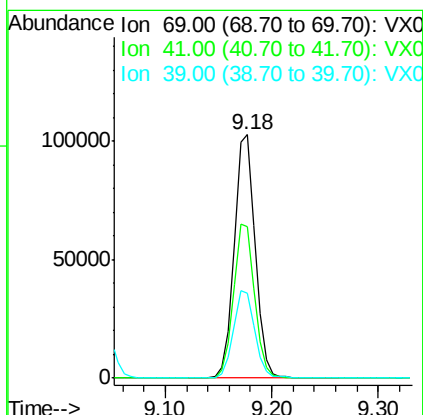
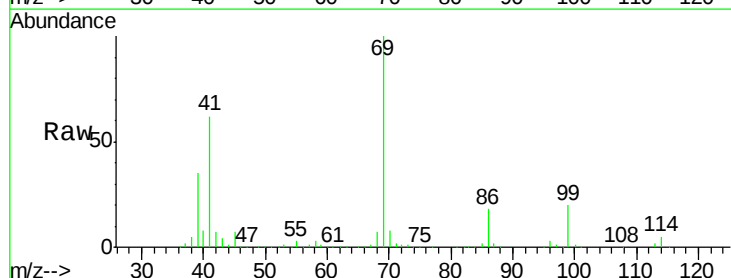
RT: 9.18 min Scan# 1316

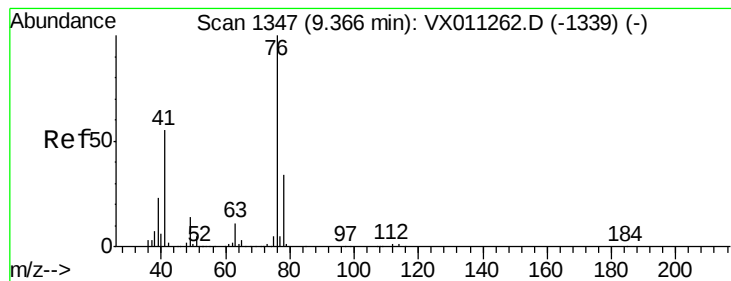
Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	69	Resp:	142103
Ion	Ratio	Lower	Upper
69	100		
41	63.6	48.6	73.0
39	36.3	29.4	44.2





#57

1,3-Dichloropropane

Concen: 53.883 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 148348

Ion Ratio Lower Upper

76 100

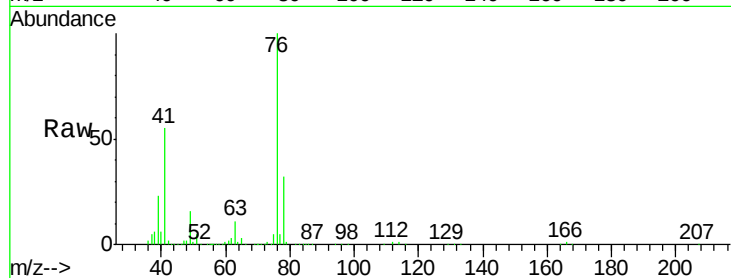
78 32.3 26.6 40.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

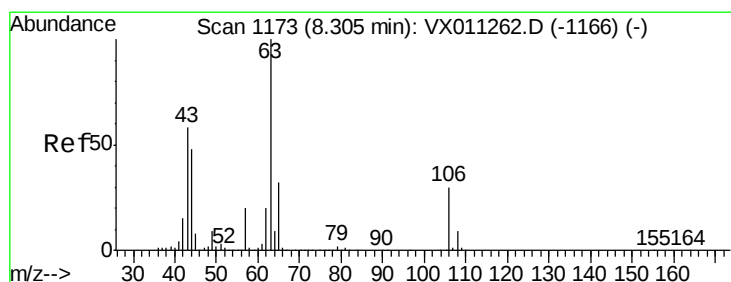
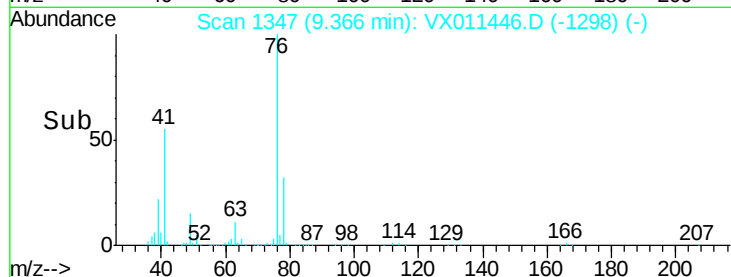
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.214 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011446.D

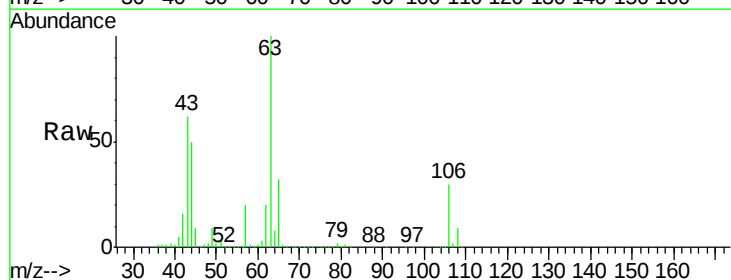
Acq: 11 Aug 2019 21:42

Tgt Ion: 63 Resp: 324724

Ion Ratio Lower Upper

63 100

106 30.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

200000

150000

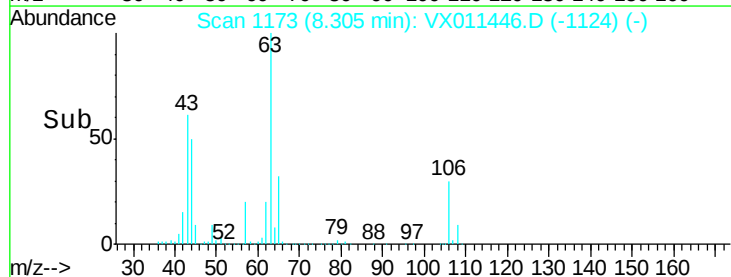
100000

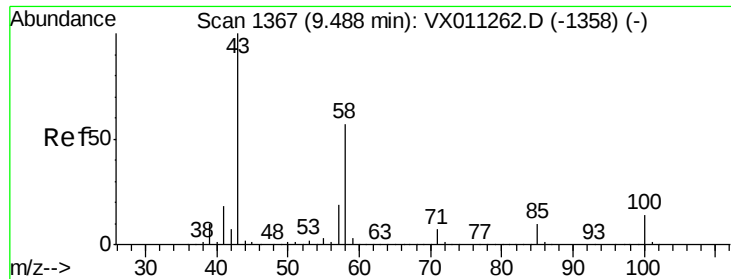
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->





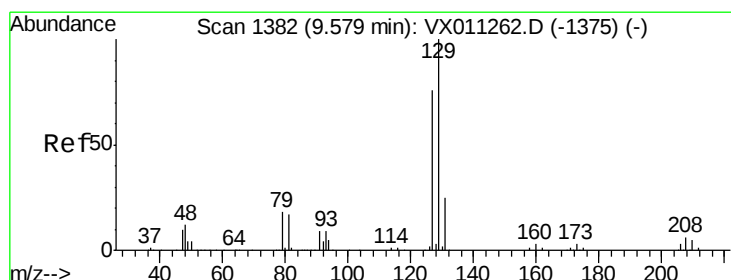
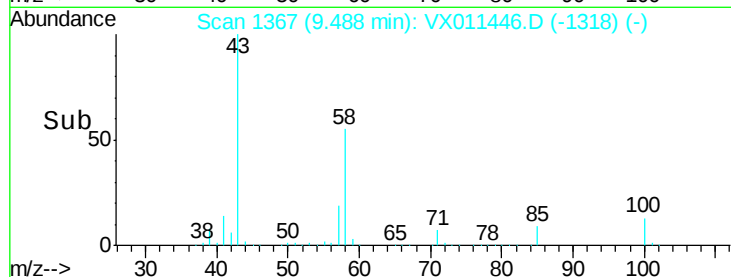
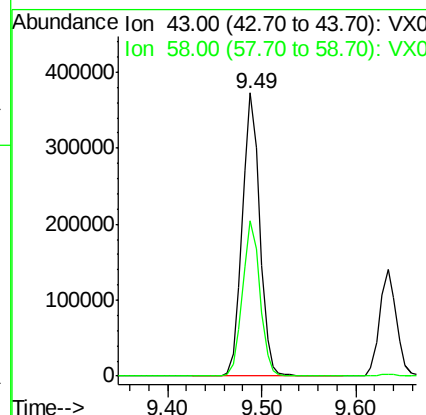
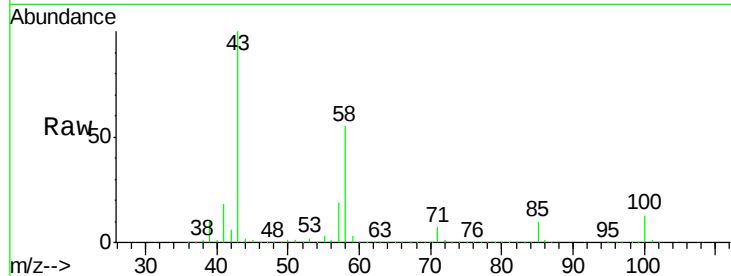
#59
2-Hexanone
Concen: 279.592 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	28.2	84.6

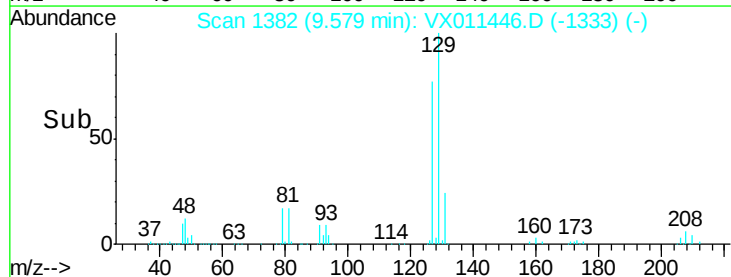
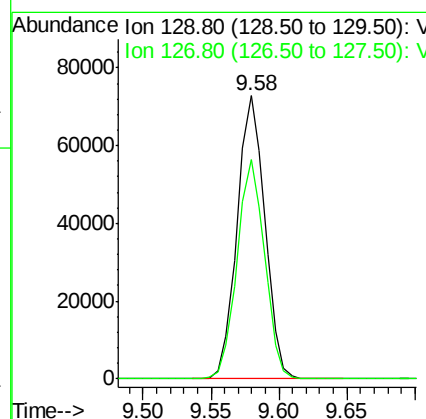
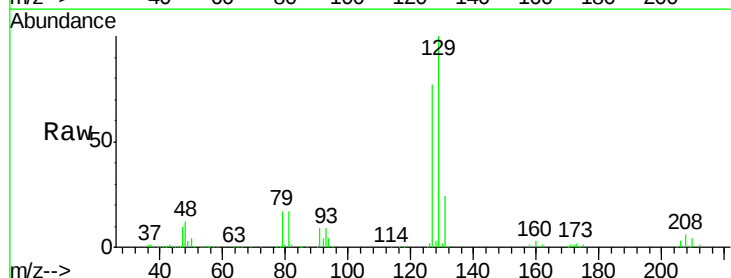
Manual Integrations
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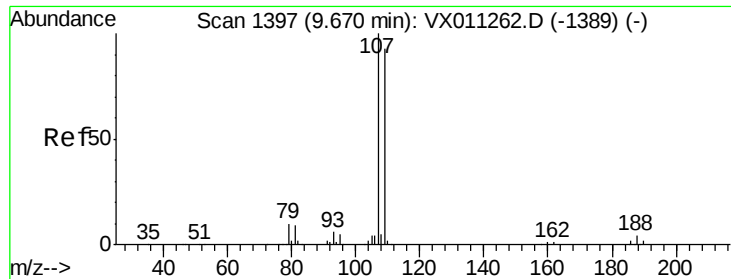
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#60
Dibromochloromethane
Concen: 58.084 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.2	117.6





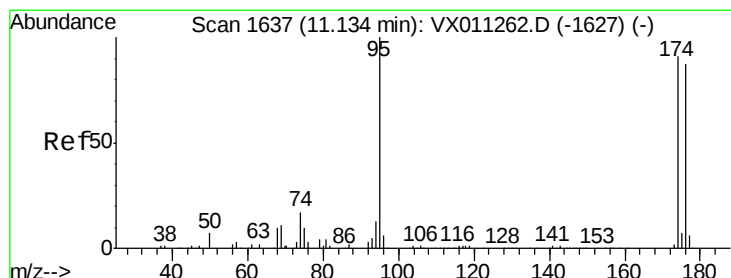
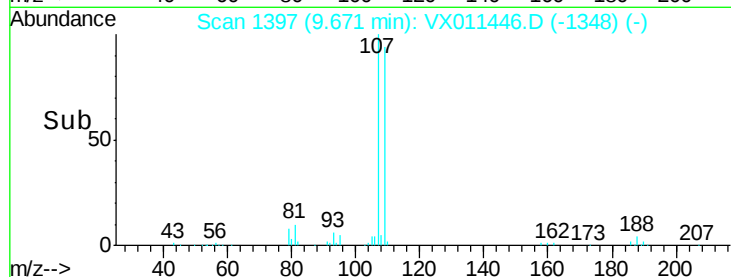
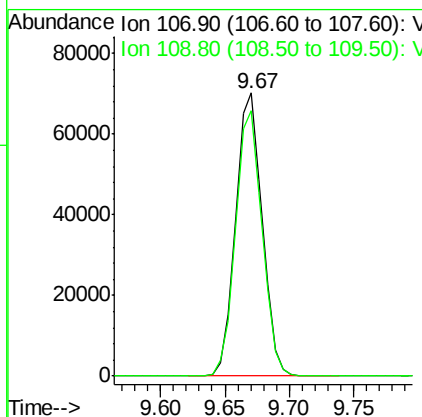
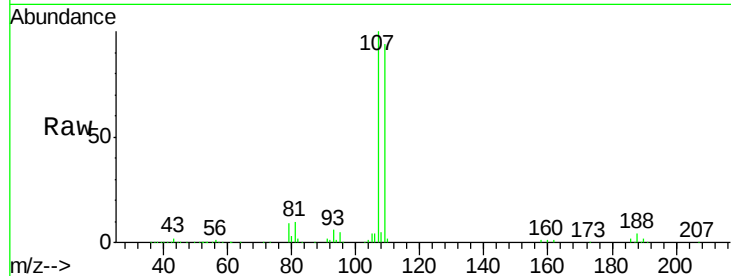
#61
 1,2-Dibromoethane
 Concen: 53.459 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.6	114.8

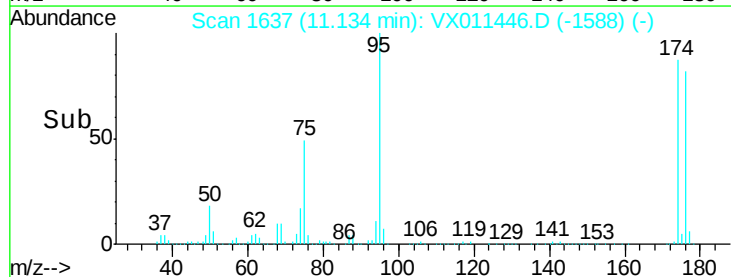
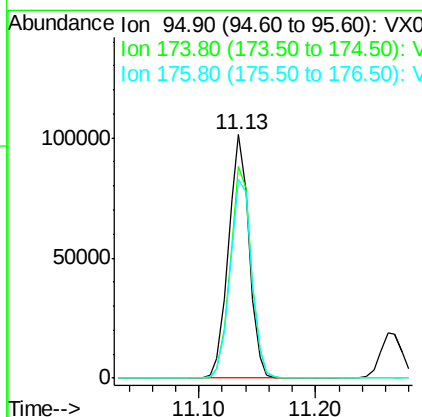
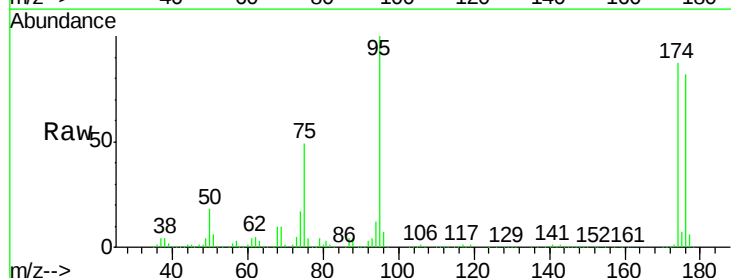
Manual Integrations
 APPROVED

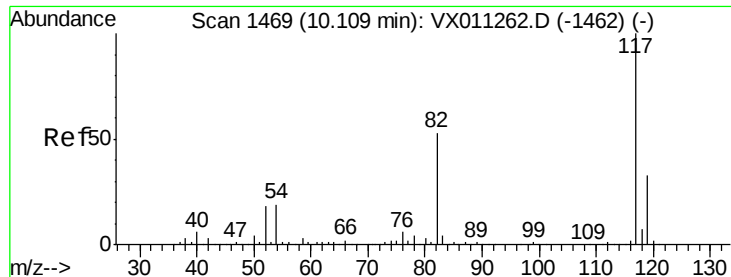
MMDadoda
 8/12/2019 10:29:56 AM



#62
 4-Bromofluorobenzene
 Concen: 57.450 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	191.2
176	85.7	0.0	184.8





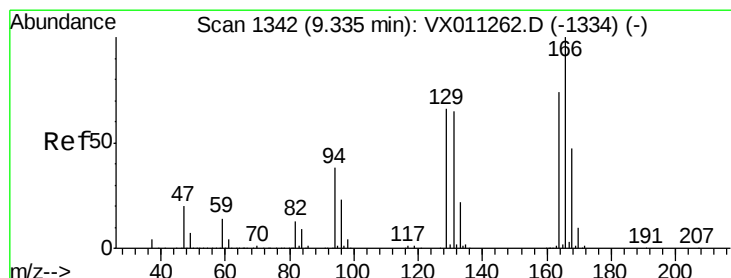
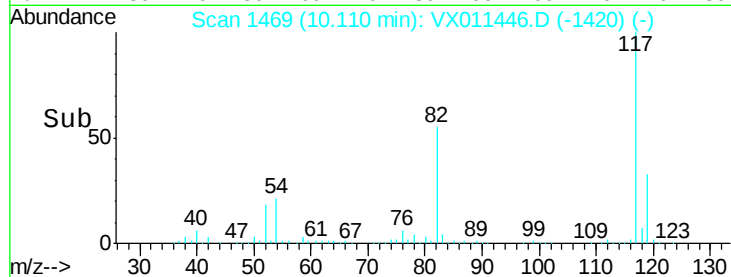
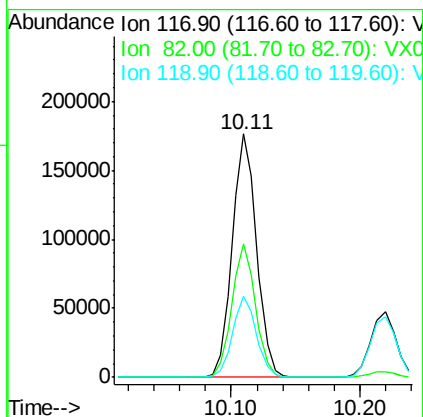
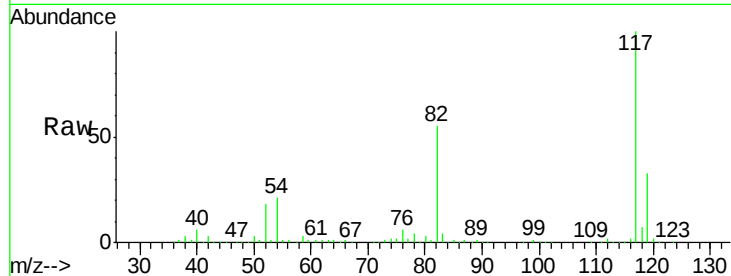
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	232909		
82	54.6		42.2	63.2
119	33.1		26.6	39.8

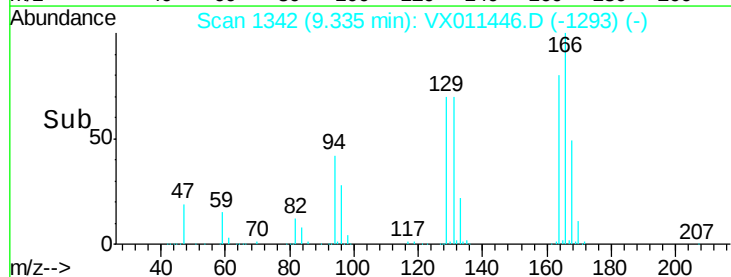
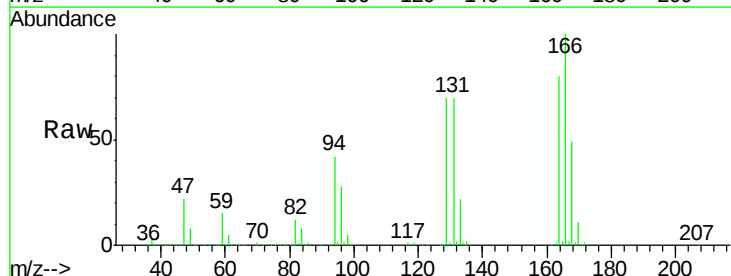
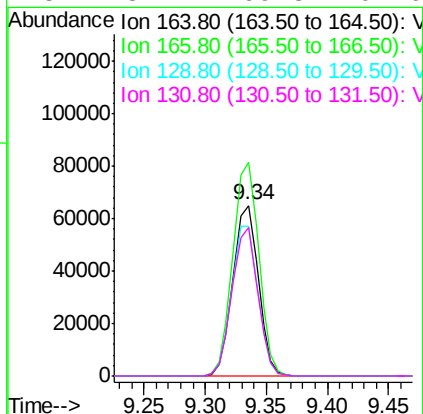
Manual Integrations
APPROVED

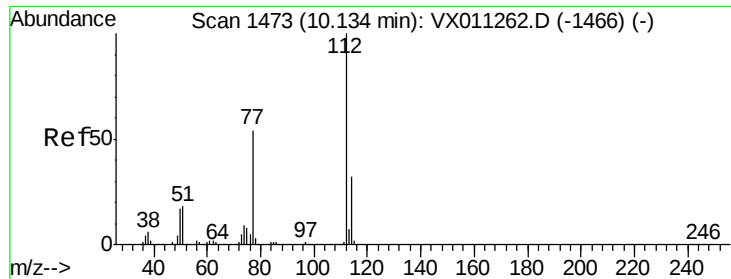
MMDadoda
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#64
Tetrachloroethene
Concen: 47.461 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93876		
166	125.2		107.5	161.3
129	88.1		71.0	106.4
131	87.1		69.8	104.6





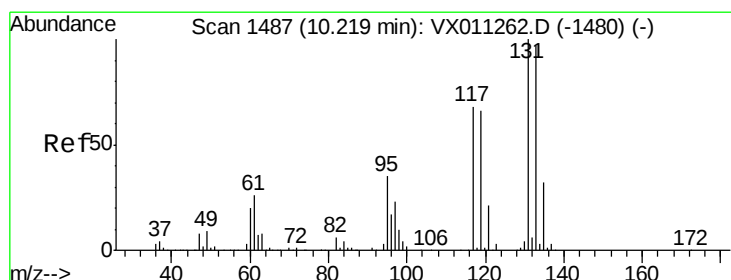
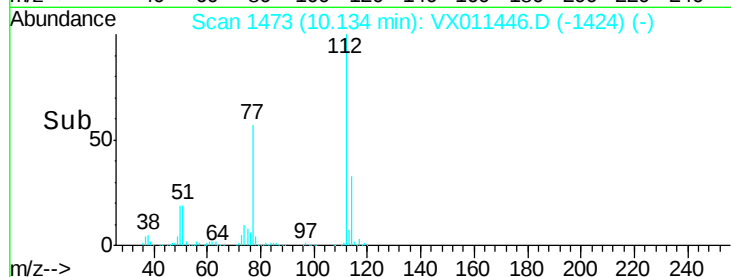
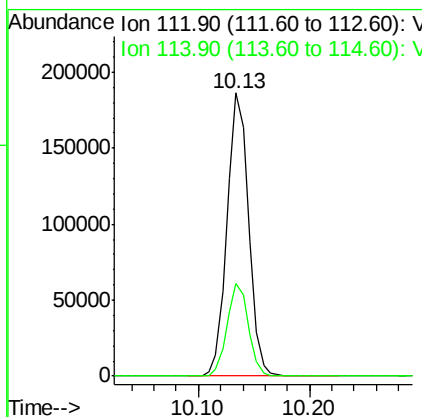
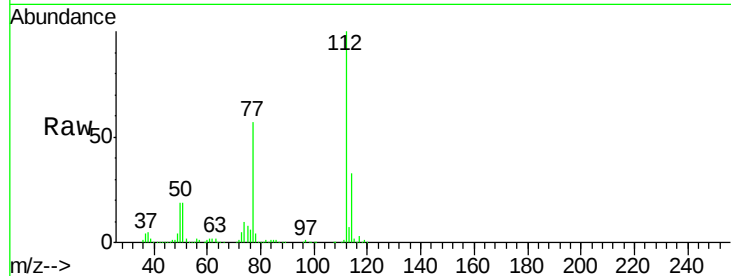
#65
Chlorobenzene
Concen: 49.957 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 249478
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

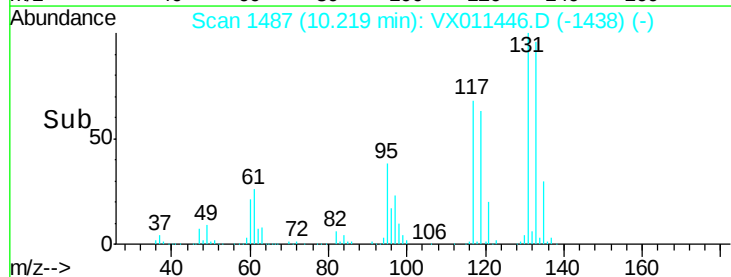
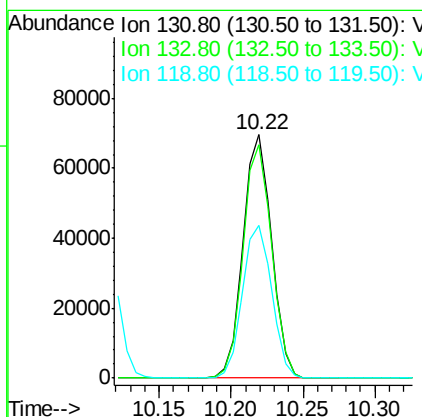
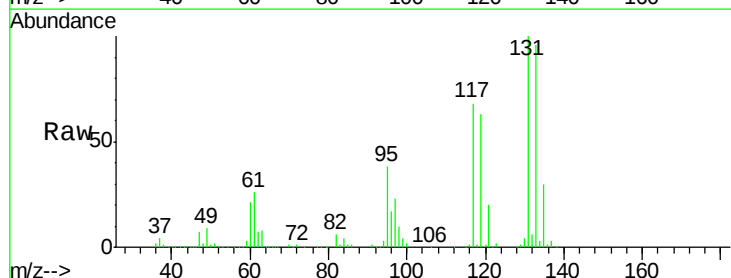
Manual Integrations
APPROVED

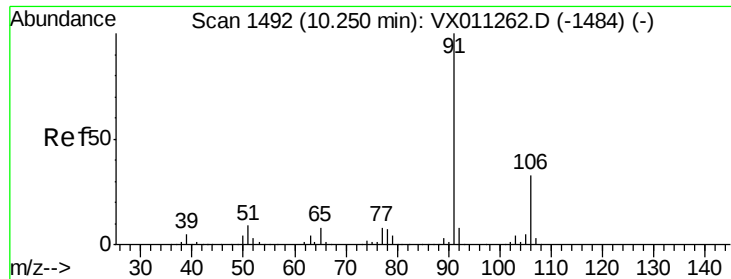
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.824 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:131 Resp: 95440
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.4 32.8 98.3





#67

Ethyl Benzene

Concen: 51.899 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 434055

Ion Ratio Lower Upper

91 100

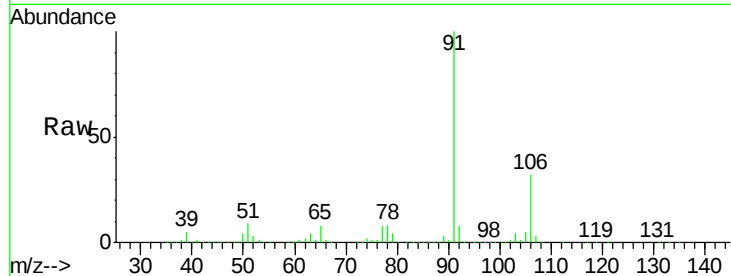
106 32.1 26.2 39.4

Manual Integrations

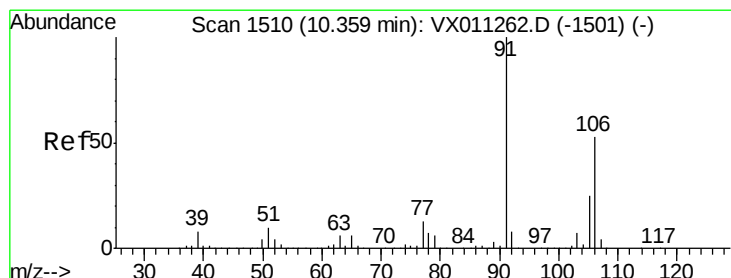
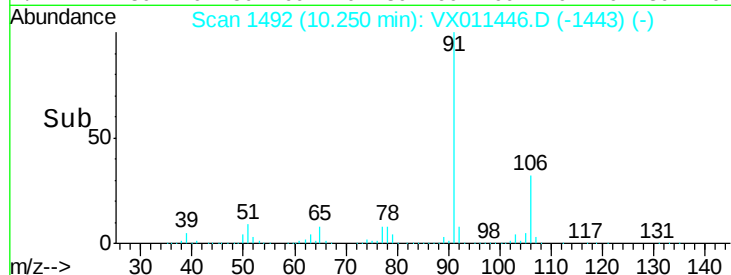
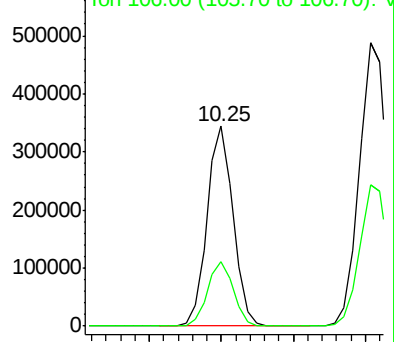
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Abundance Ion 91.00 (90.70 to 91.70): VX011446.D (-1443) (-)



#68

m/p-Xylenes

Concen: 103.552 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011446.D

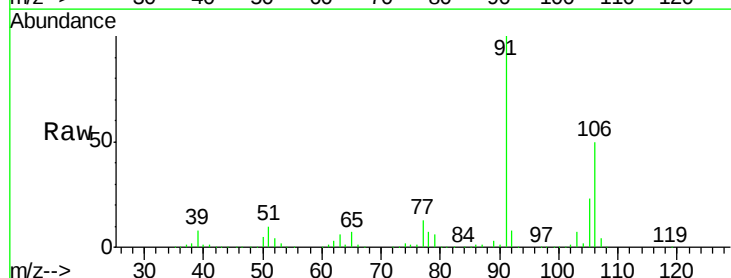
Acq: 11 Aug 2019 21:42

Tgt Ion: 106 Resp: 334988

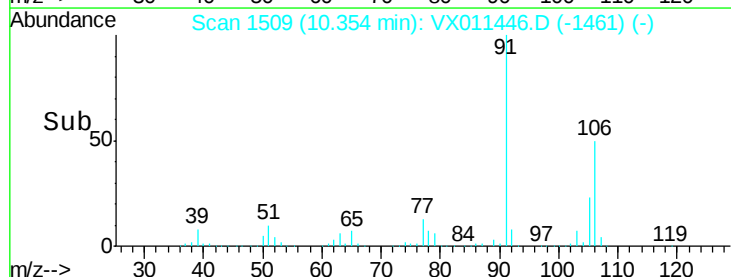
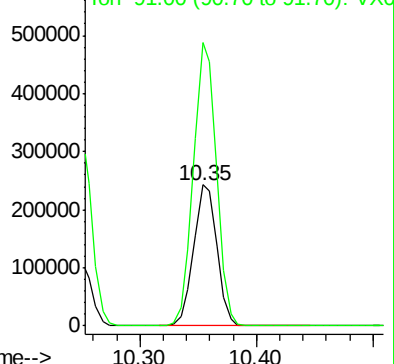
Ion Ratio Lower Upper

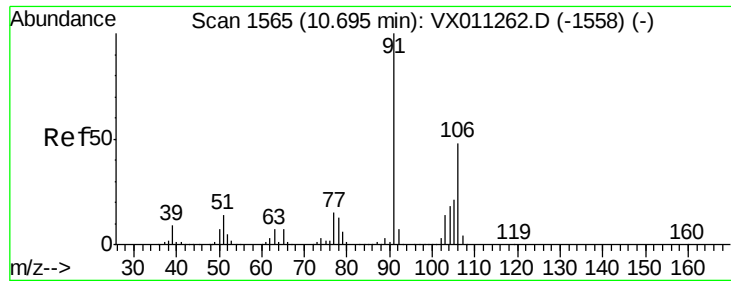
106 100

91 198.4 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VX011446.D (-1461) (-)





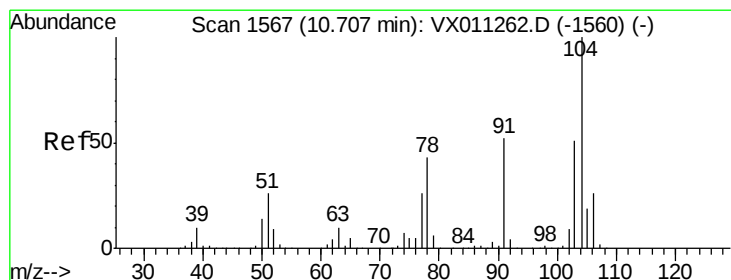
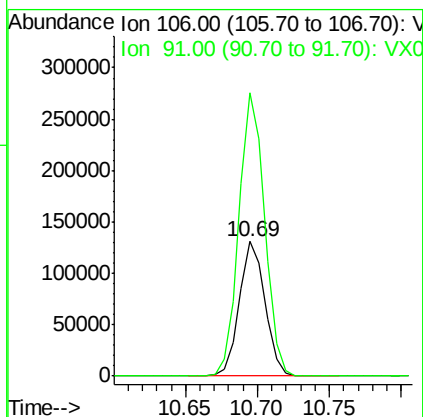
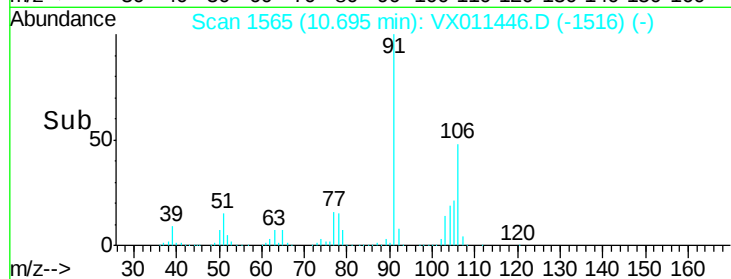
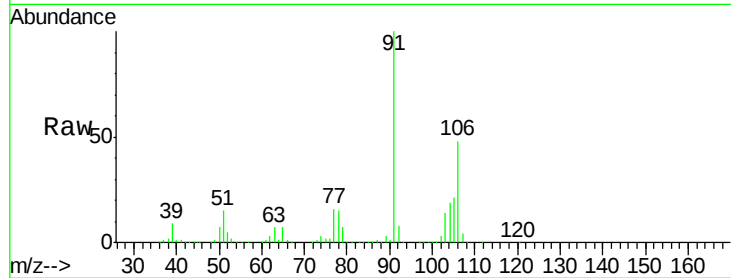
#69
o-Xylene
Concen: 50.986 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.0	103.8	162060	311.3	

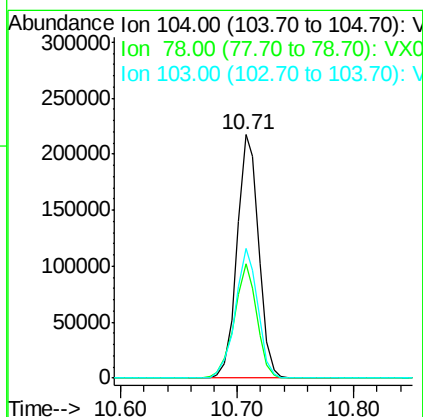
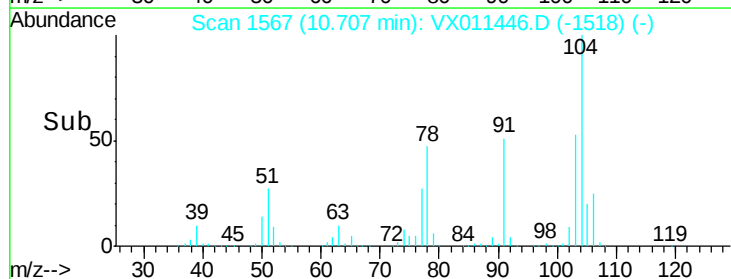
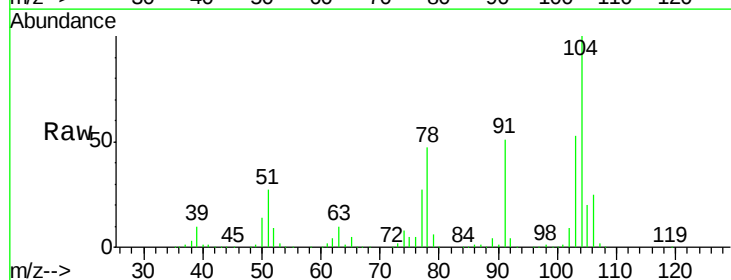
Manual Integrations
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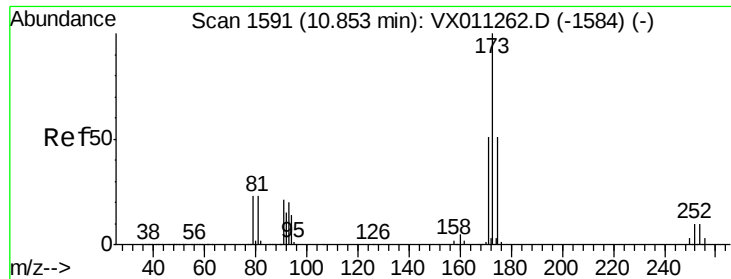
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#70
Styrene
Concen: 53.538 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.9	36.9	281572	55.3	
103	55.6	44.4		66.6	





#71

Bromoform

Concen: 51.054 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 78141

Ion Ratio Lower Upper

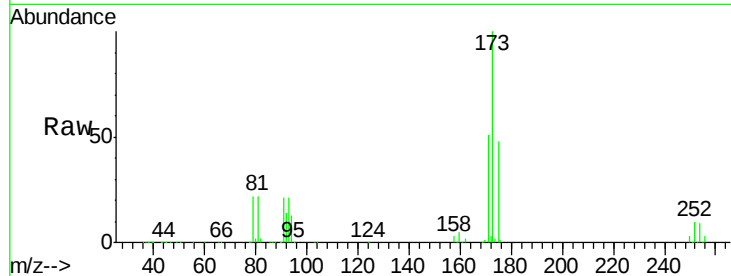
173 100

175 48.2 24.4 73.4

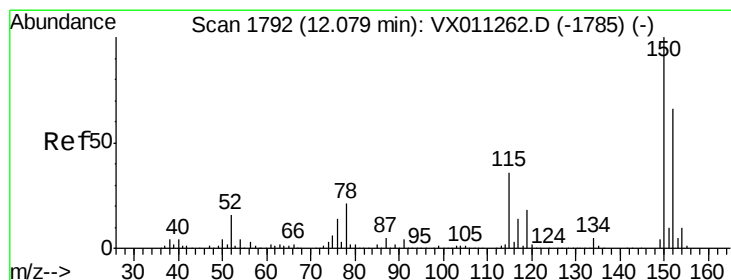
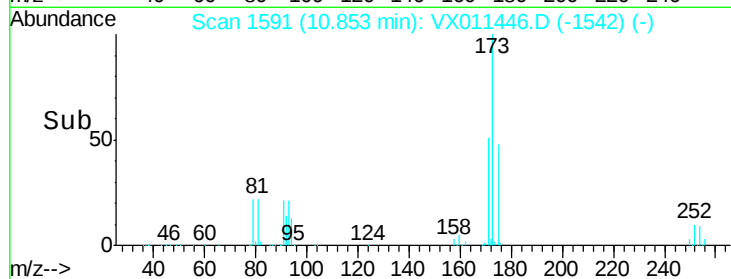
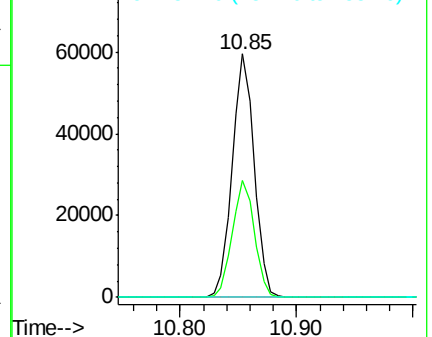
254 0.1 0.2 0.2#

Manual Integrations
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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# 1791

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

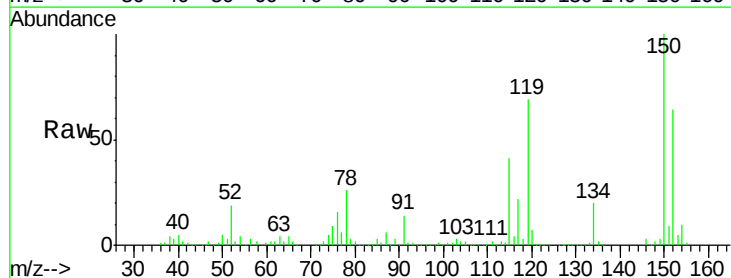
Tgt Ion:152 Resp: 125791

Ion Ratio Lower Upper

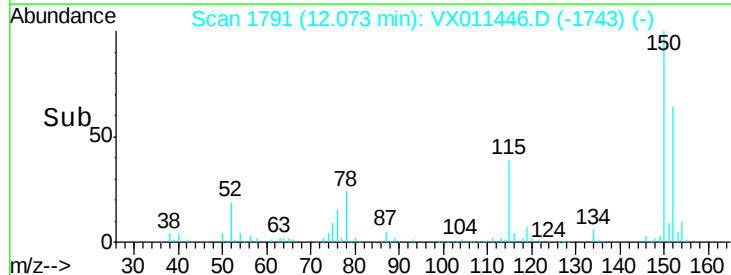
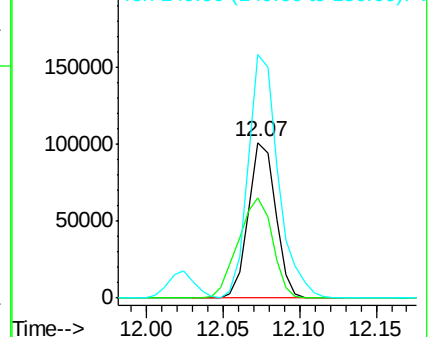
152 100

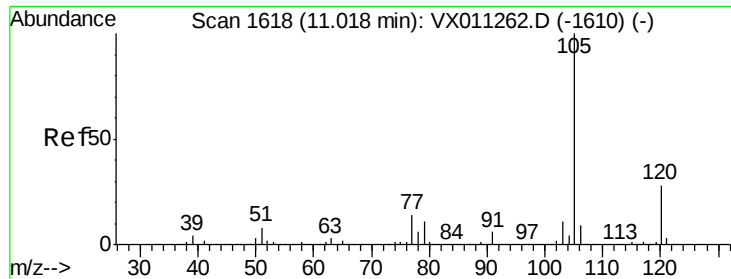
115 80.9 40.0 119.9

150 171.9 0.0 350.4



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: 51.335 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 441643

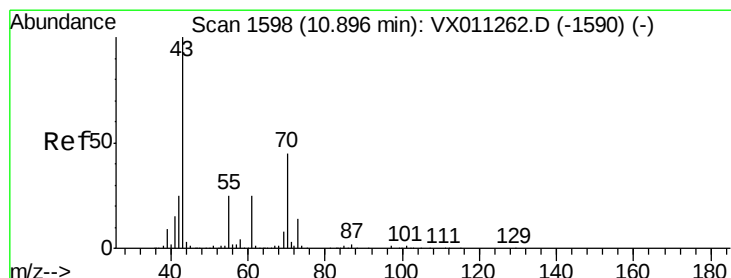
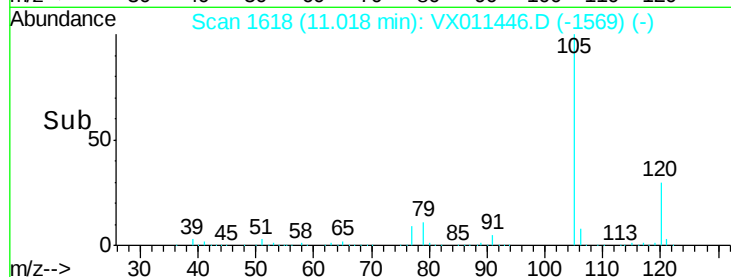
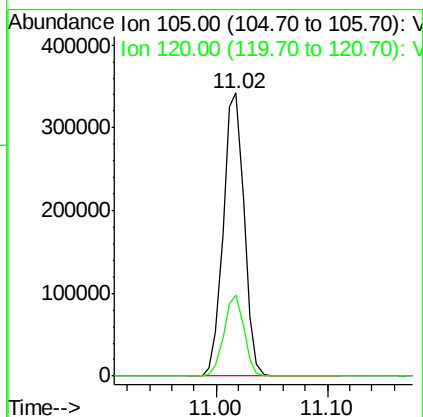
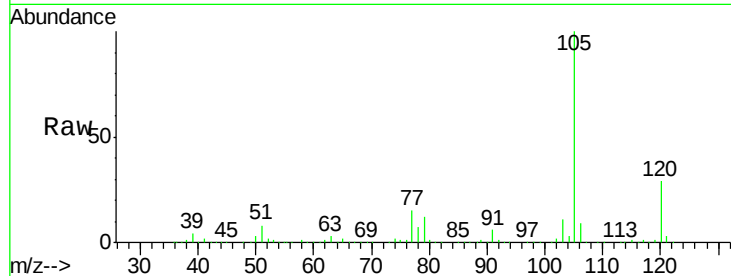
Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 55.226 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion: 43 Resp: 171677

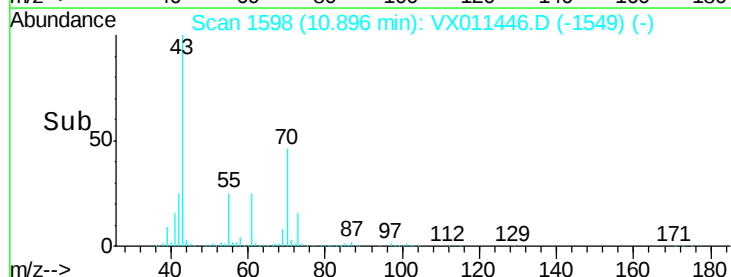
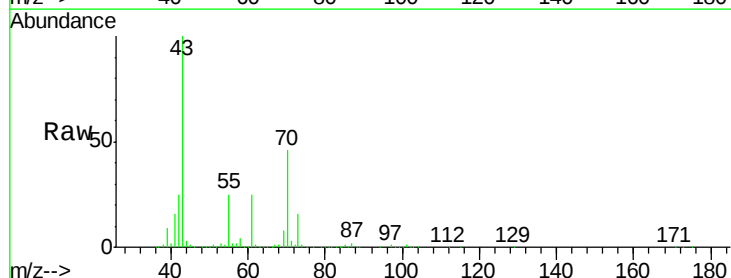
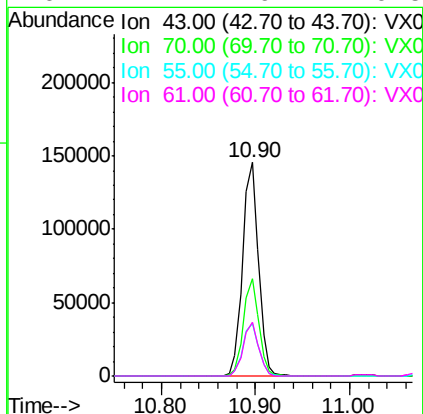
Ion Ratio Lower Upper

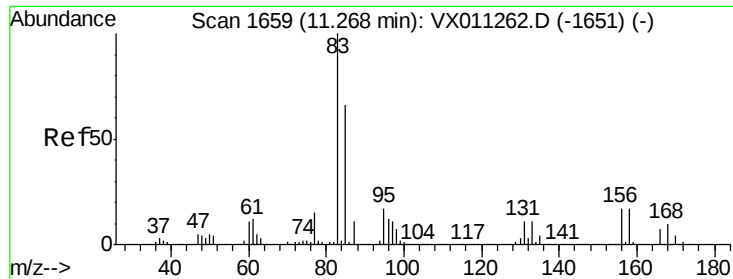
43 100

70 44.3 35.9 53.9

55 24.9 19.8 29.6

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.652 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

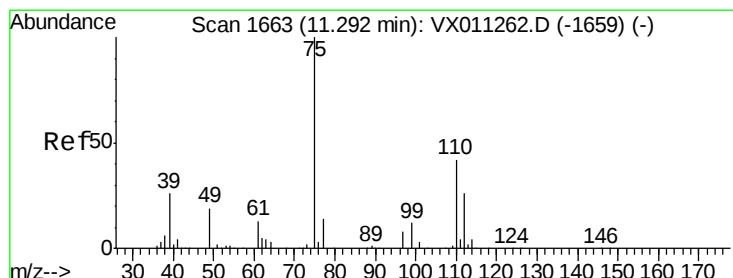
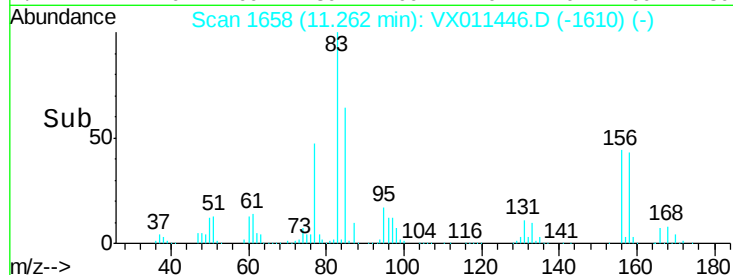
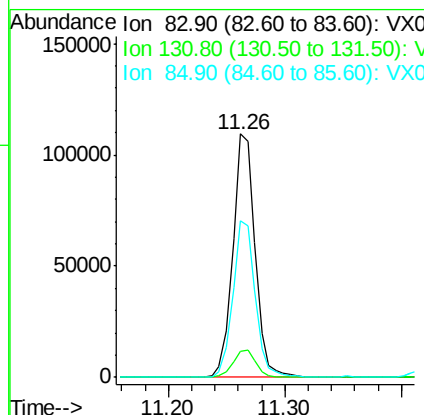
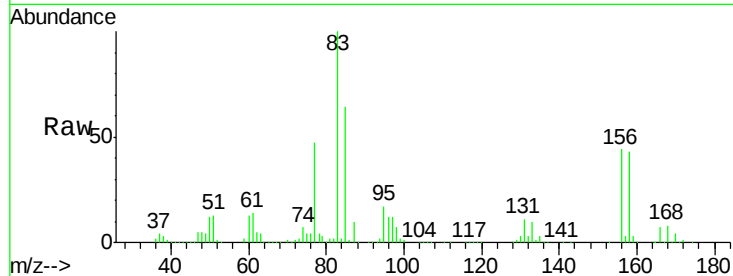
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	145219
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.542 ug/l m

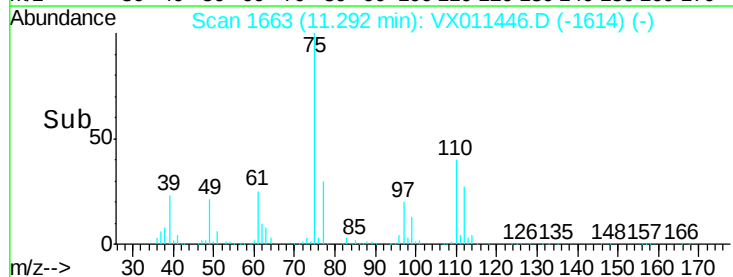
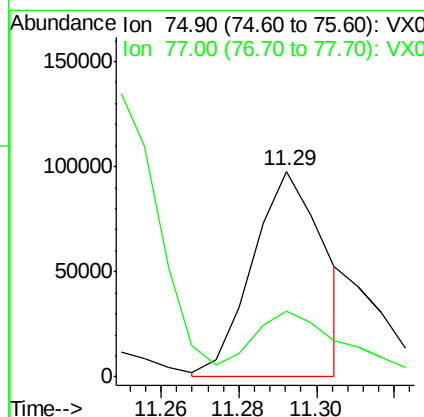
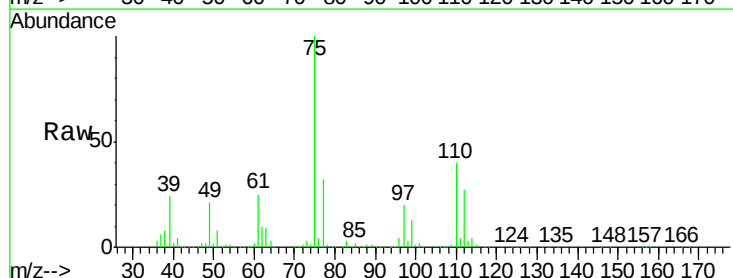
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	75	Resp:	124945
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.1	63.4





#77

Bromobenzene

Concen: 50.317 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

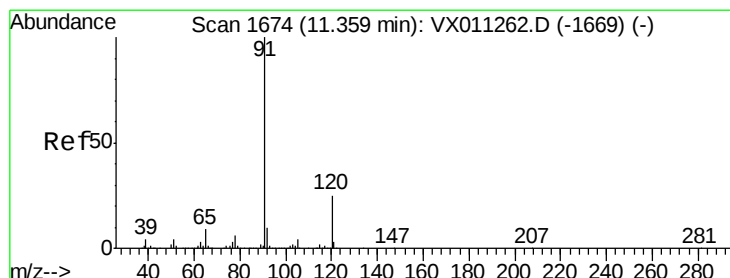
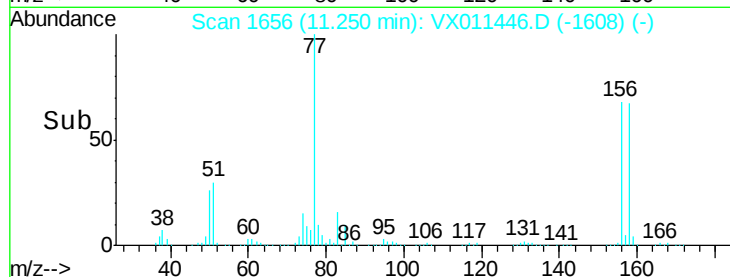
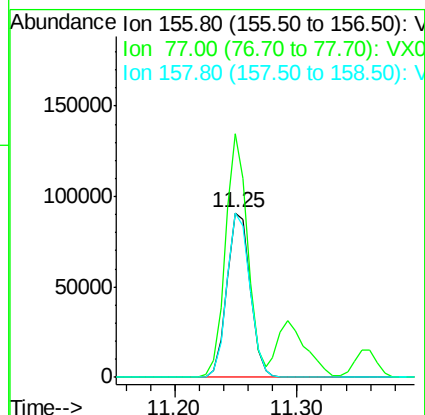
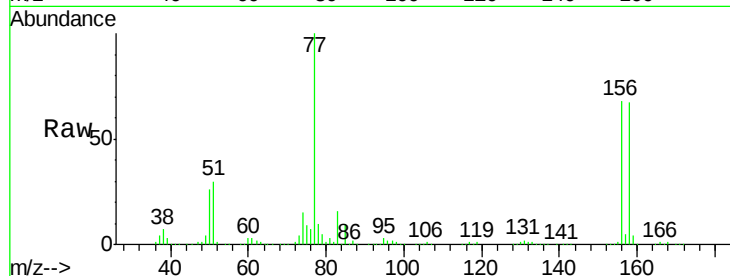
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	120037
Ion Ratio	Lower	Upper	
156	100		
77	140.2	66.2	198.6
158	98.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.563 ug/l

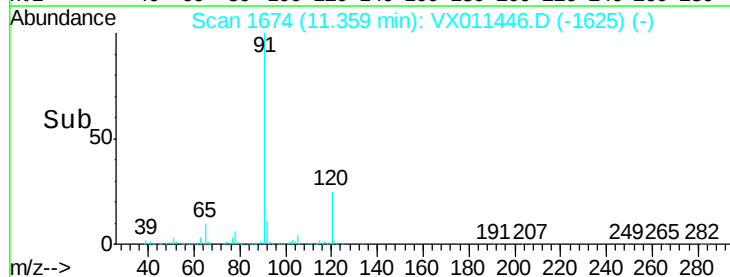
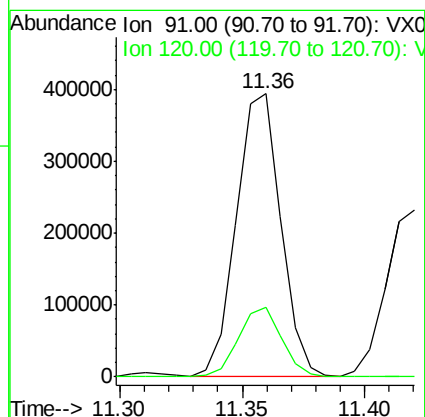
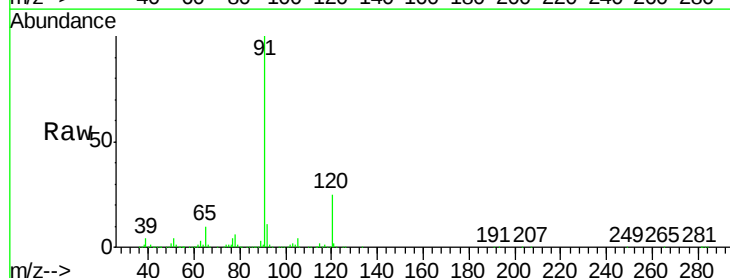
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion:	91	Resp:	493323
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.0





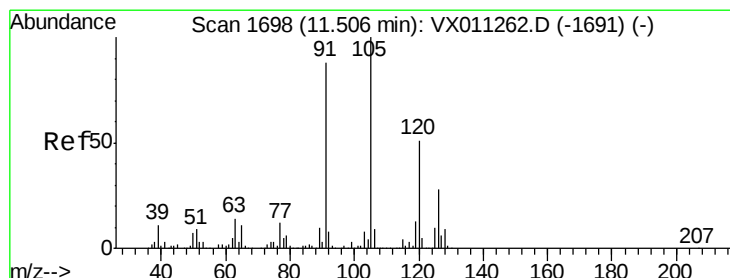
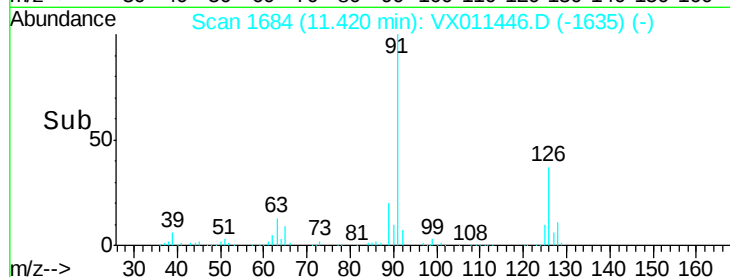
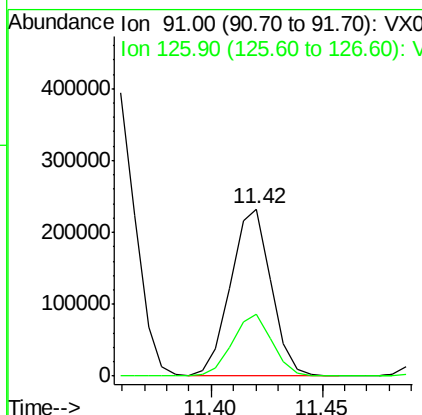
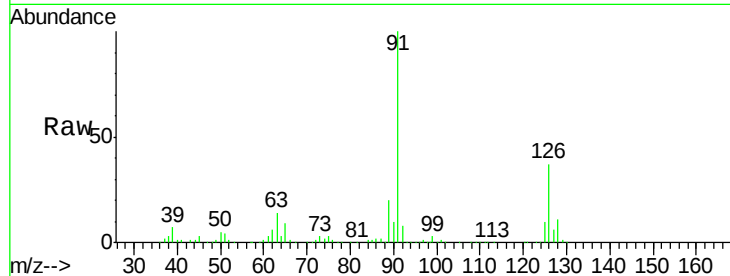
#79
 2-Chlorotoluene
 Concen: 51.516 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5

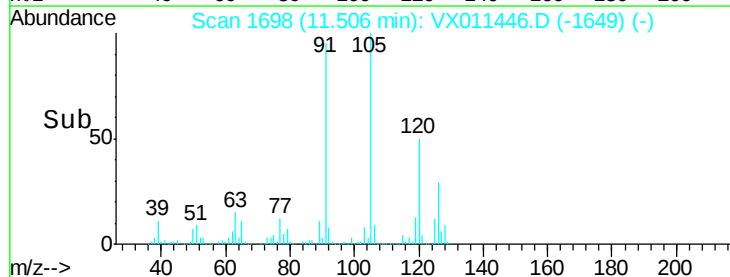
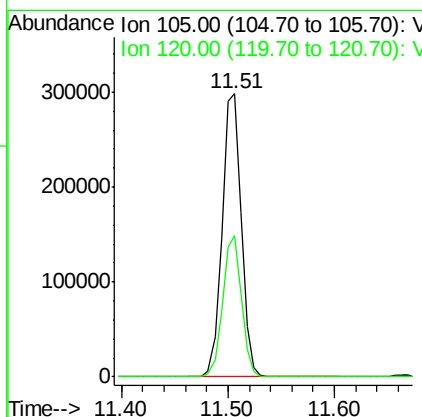
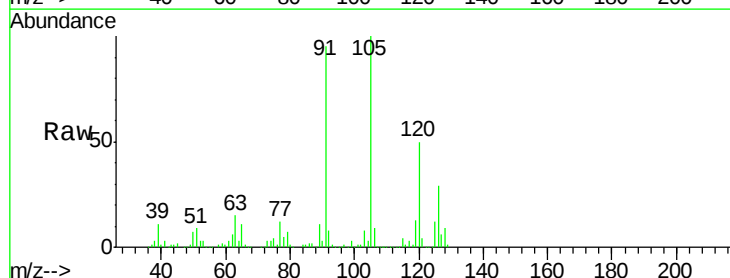
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.039 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.1	75.2





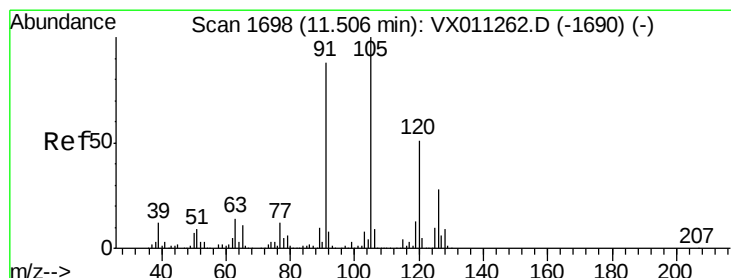
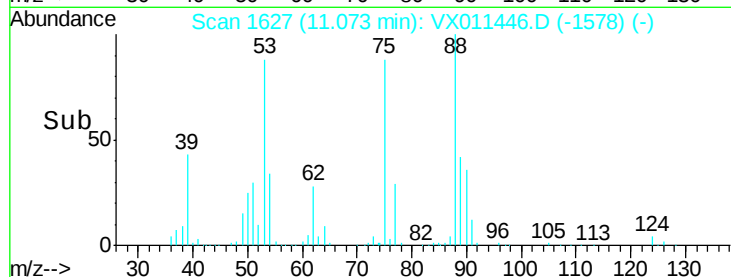
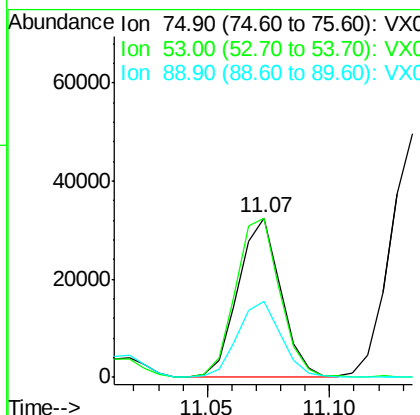
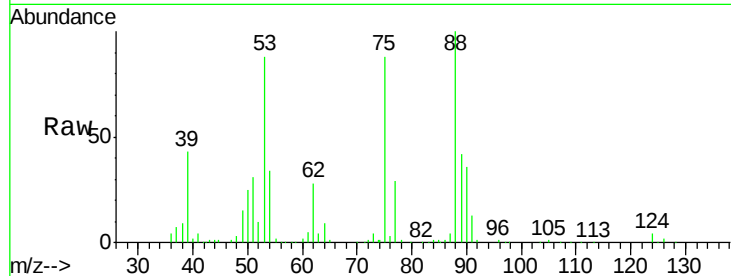
#81
trans-1,4-Dichloro-2-butene
Concen: 46.058 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.4	78.2	117.4
89	49.0	37.9	56.9

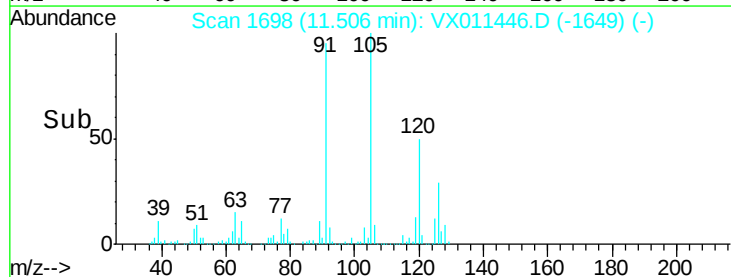
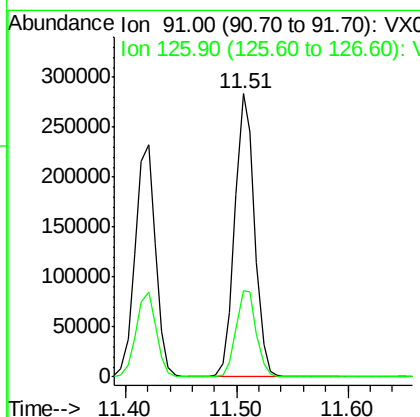
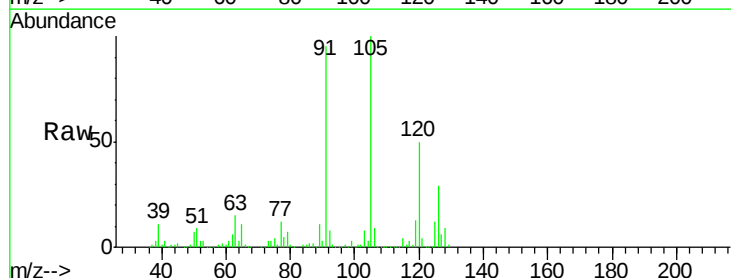
Manual Integrations
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#82
4-Chlorotoluene
Concen: 52.151 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.4	49.2





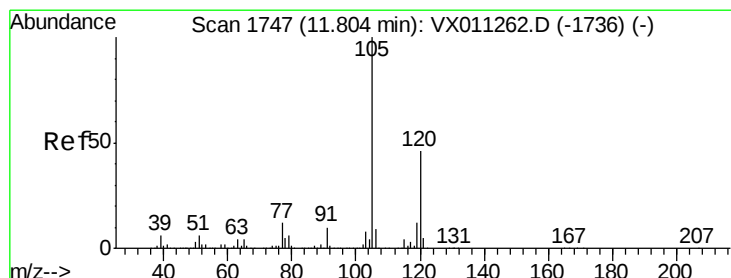
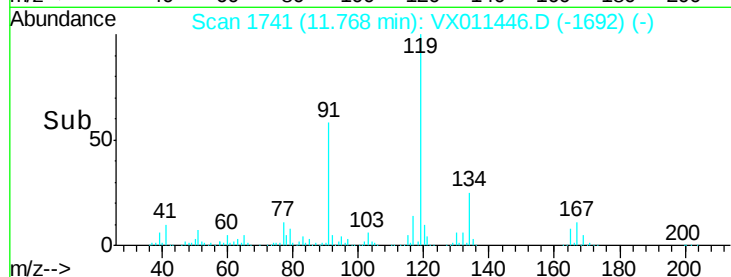
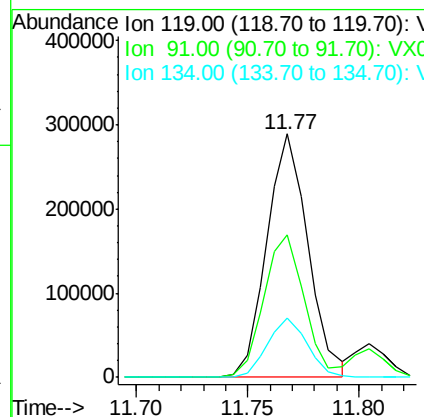
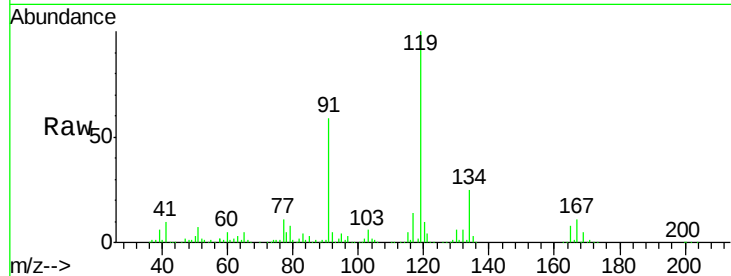
#83
 tert-Butylbenzene
 Concen: 52.641 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	371819		
91	56.8	28.0	84.0	
134	23.7	11.9	35.5	

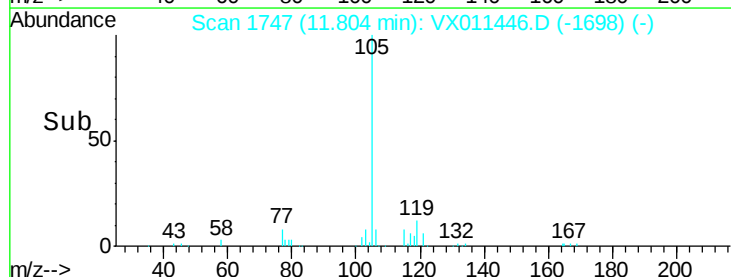
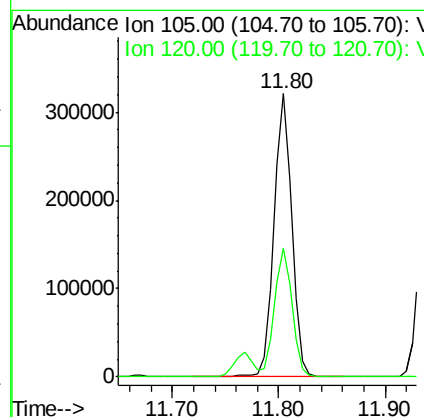
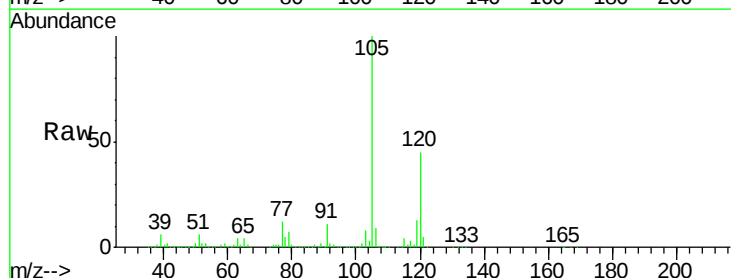
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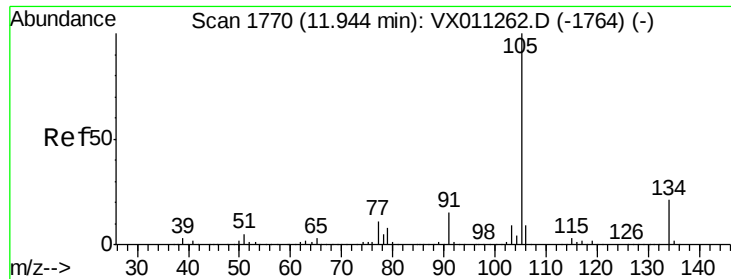
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.598 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	377145		
120	45.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.757 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 430741

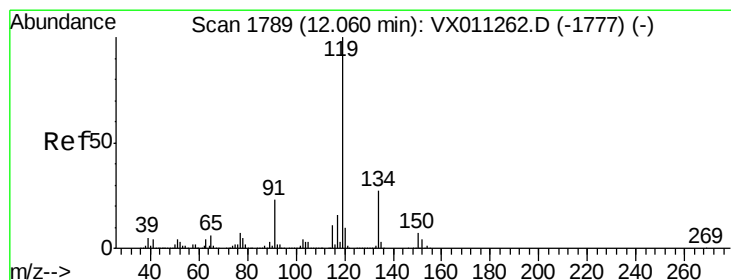
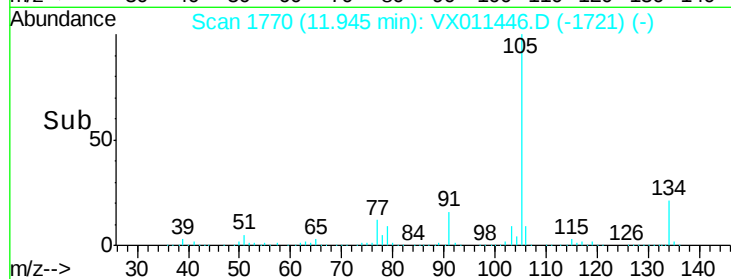
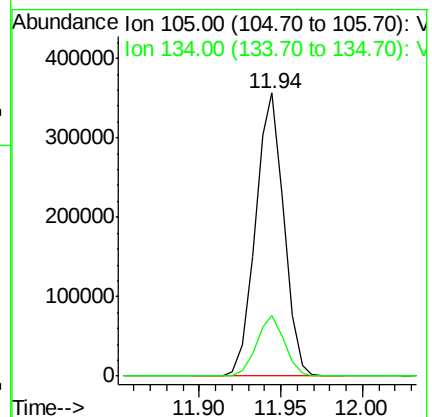
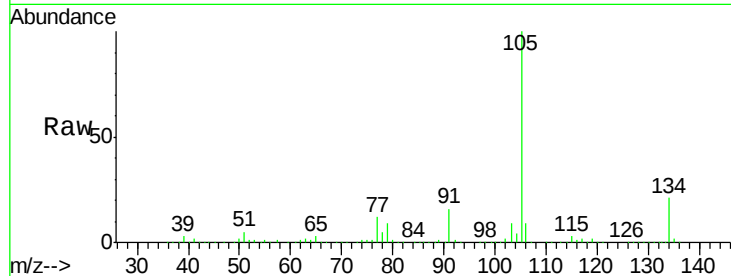
Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 51.389 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

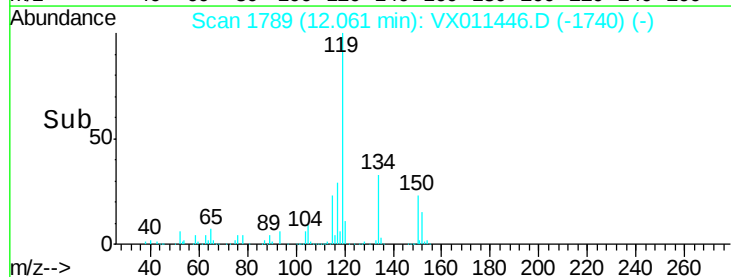
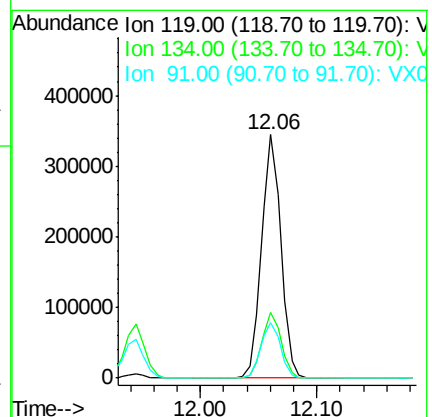
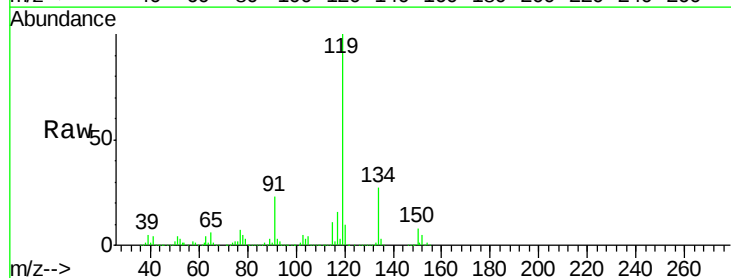
Tgt Ion:119 Resp: 401200

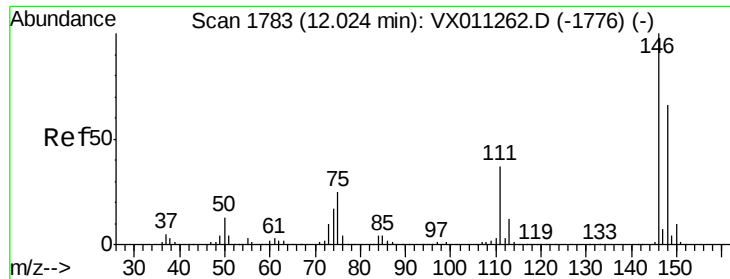
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 23.4 11.4 34.2





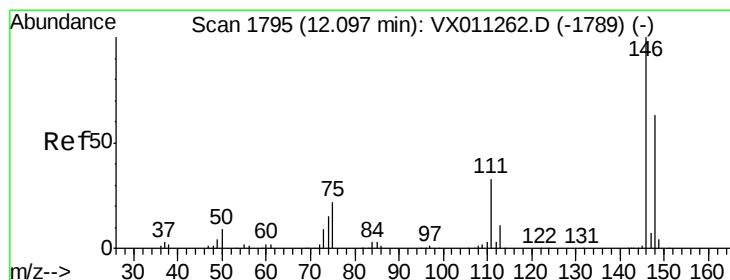
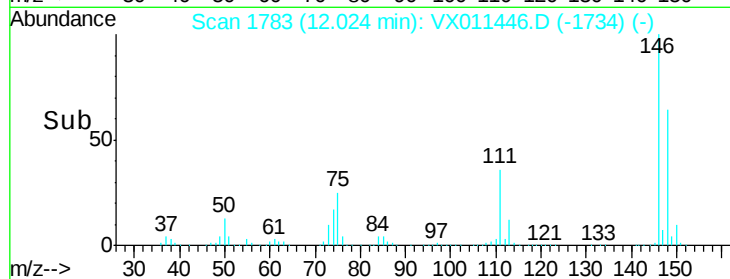
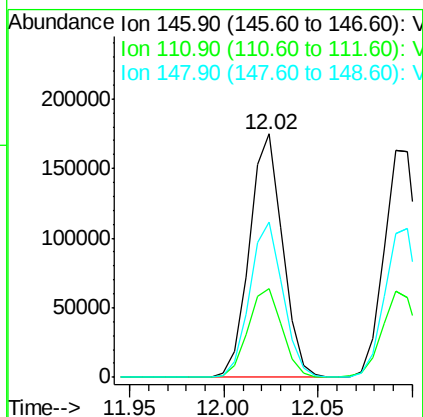
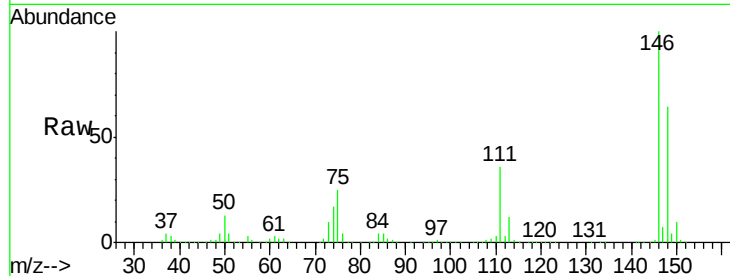
#87
 1,3-Dichlorobenzene
 Concen: 50.442 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.0	32.5	97.5

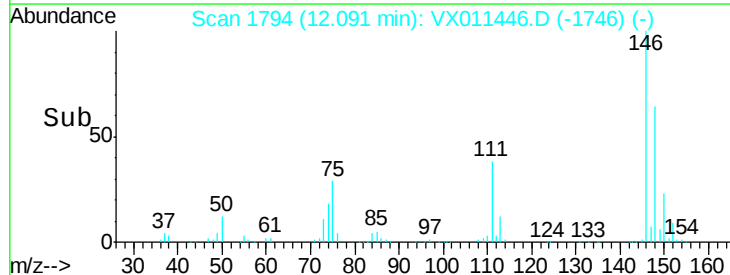
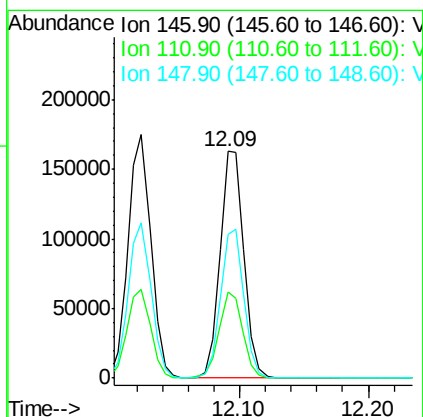
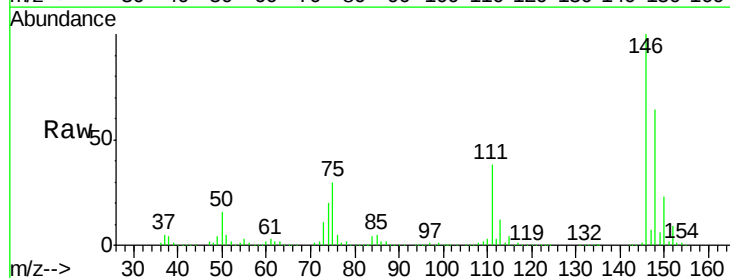
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#88
 1,4-Dichlorobenzene
 Concen: 48.898 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	17.8	53.4
148	64.4	31.8	95.3





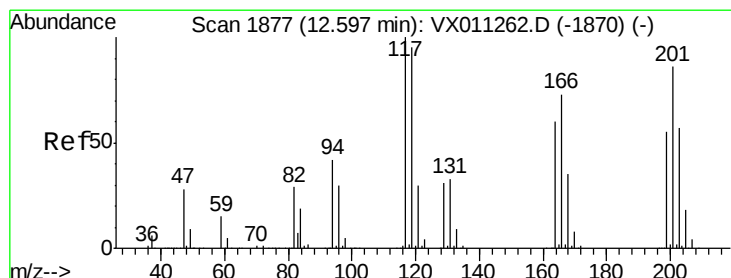
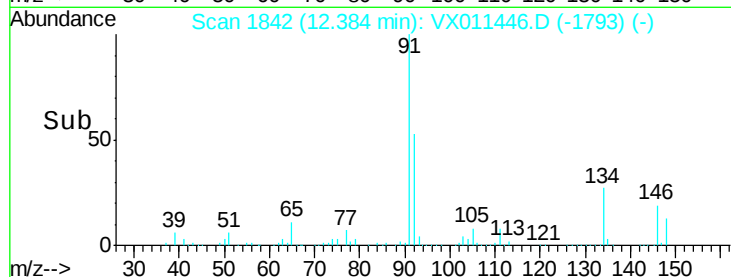
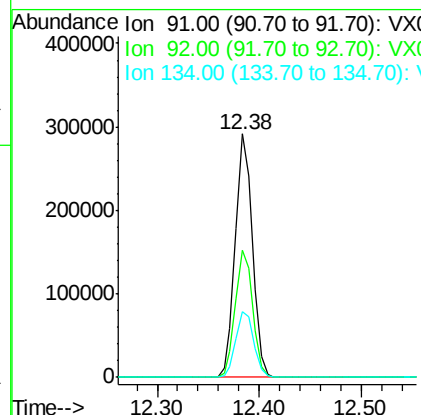
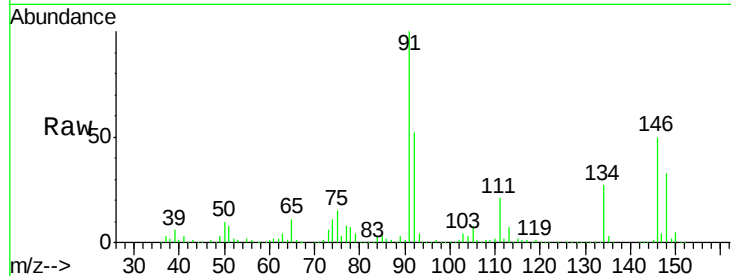
#89
n-Butylbenzene
Concen: 49.888 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.8	77.3
134	28.2	13.7	41.0

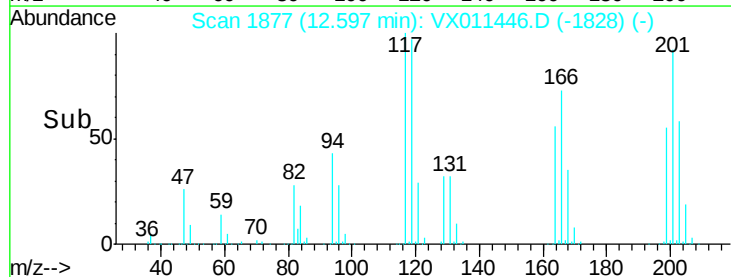
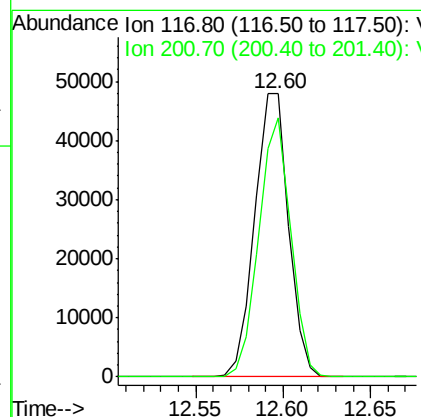
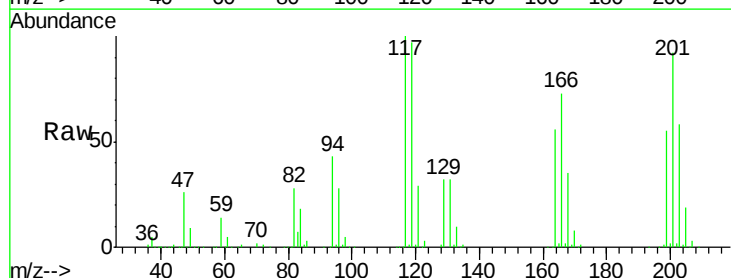
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#90
Hexachloroethane
Concen: 55.990 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	41.8	125.4





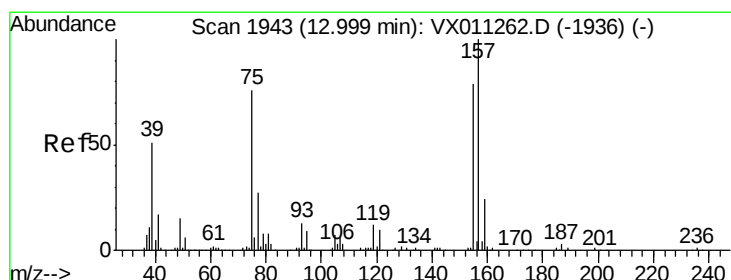
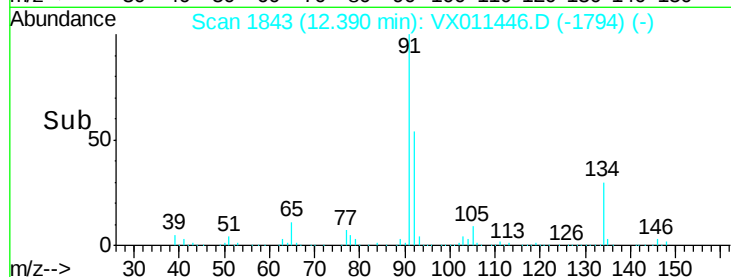
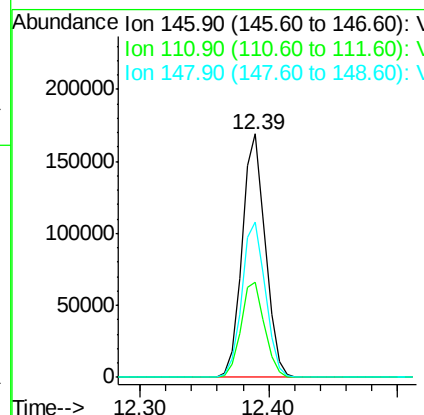
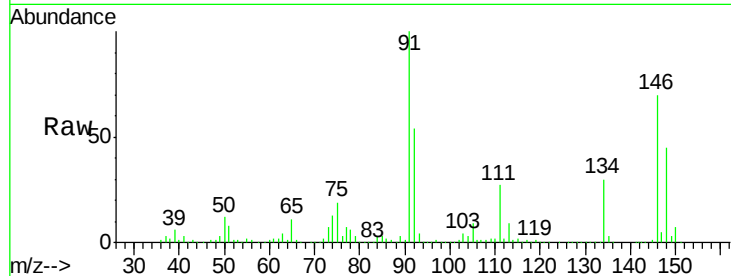
#91
 1,2-Dichlorobenzene
 Concen: 49.829 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.1
148	64.4	32.3	96.8

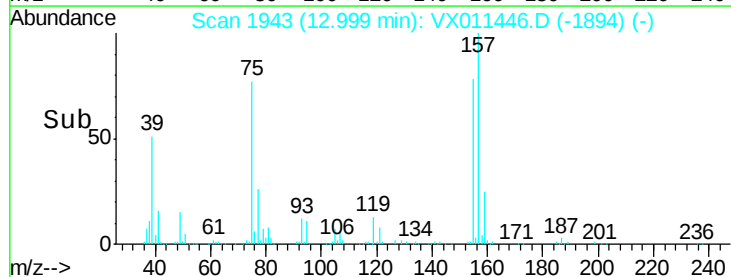
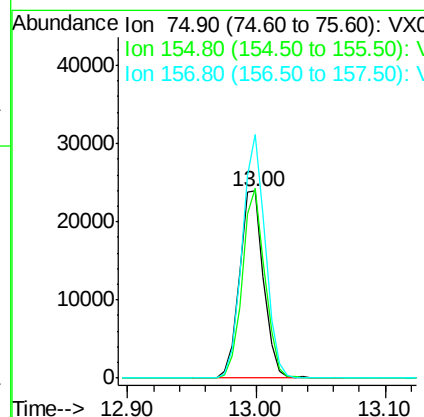
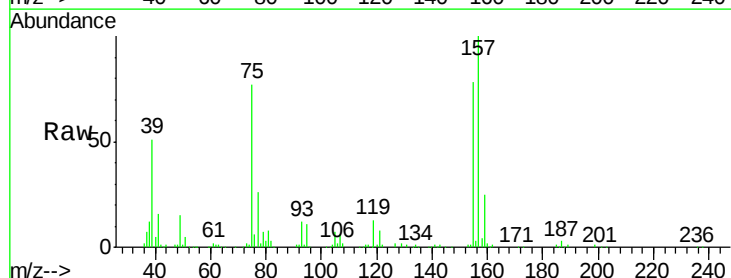
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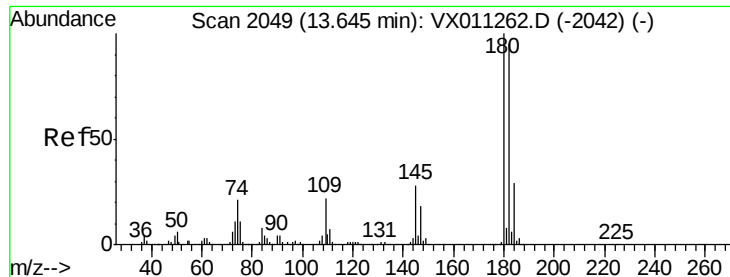
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.234 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	51.9	155.8
157	123.2	64.3	192.7





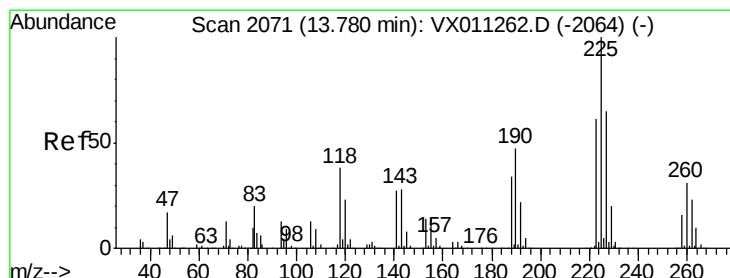
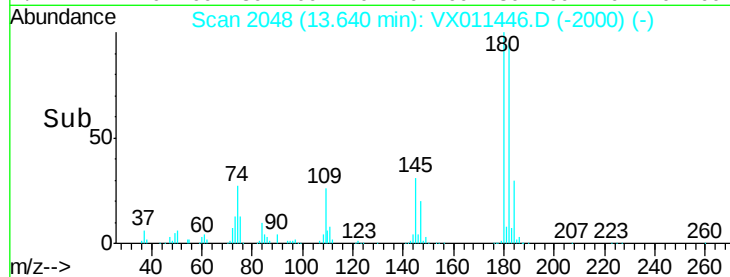
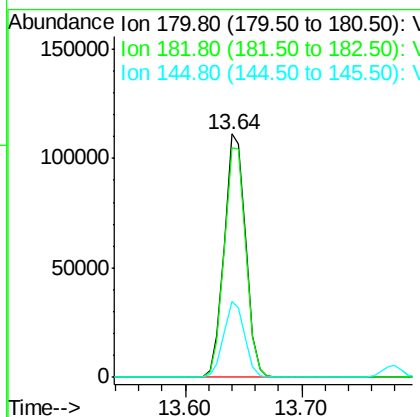
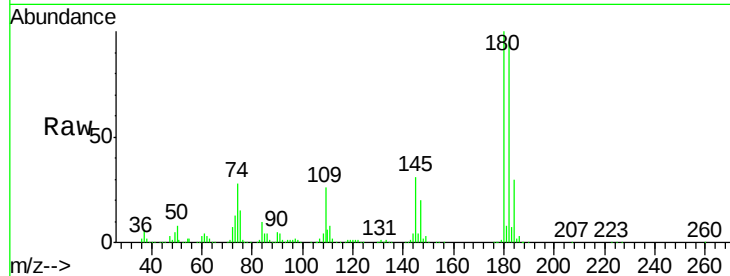
#93
 1,2,4-Trichlorobenzene
 Concen: 50.248 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141135		
182	95.9	47.8	143.4	
145	30.2	14.8	44.3	

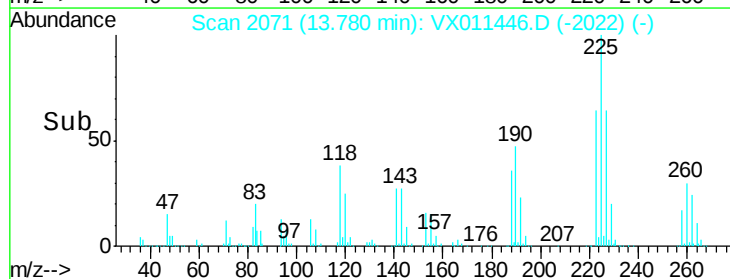
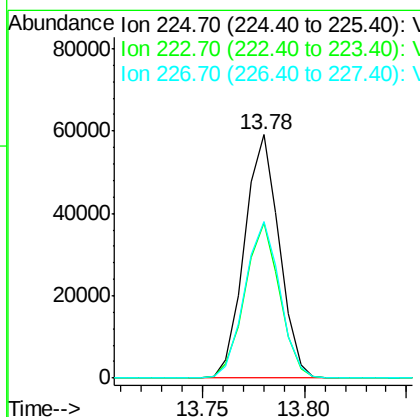
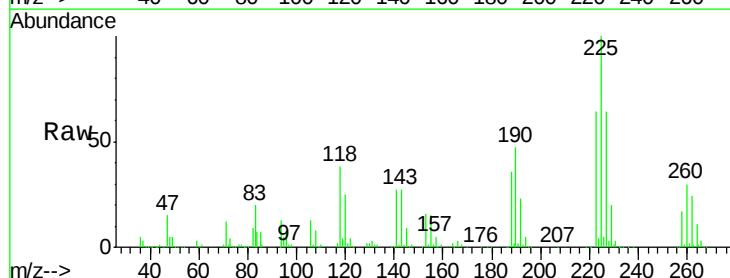
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 48.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69812		
223	64.0	31.0	93.0	
227	65.4	32.2	96.6	





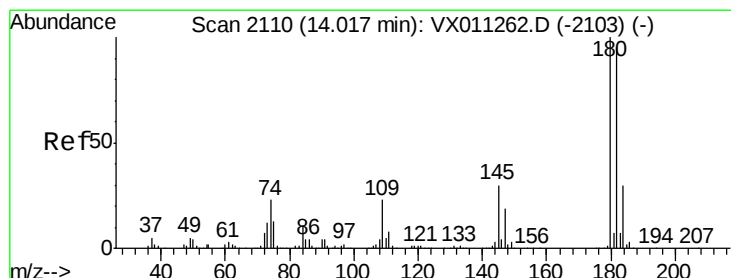
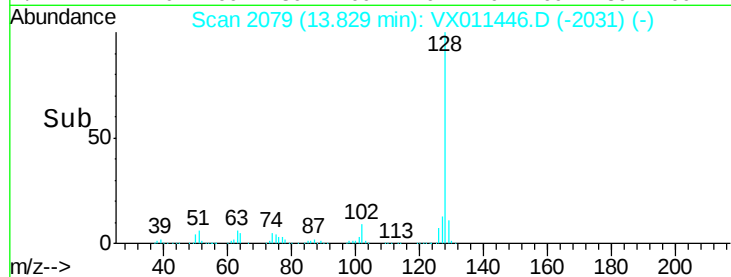
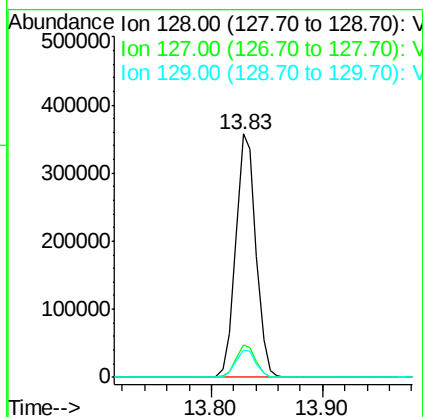
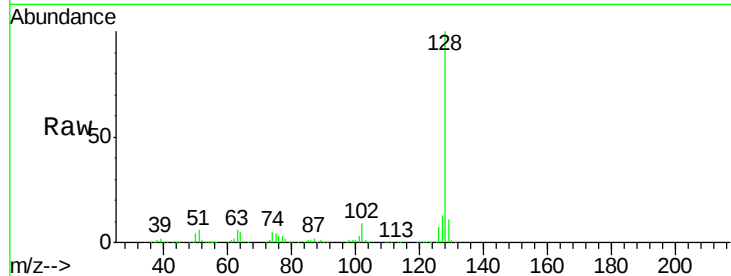
#95
Naphthalene
Concen: 54.395 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/12/2019 10:29:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.068 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	30.6	15.2	45.6

