

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014259.D
 Acq On : 26 Dec 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/27/2019 12:03:02 PM

Quant Time: Dec 27 06:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	521803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	705002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	355197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	259082	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	
35) Dibromofluoromethane	5.49	113	216529	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	8.71	98	840577	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.13	95	300923	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	210019	44.989	ug/l	97
3) Chloromethane	1.32	50	284141	45.355	ug/l	99
4) Vinyl Chloride	1.41	62	302912	45.823	ug/l	99
5) Bromomethane	1.63	94	197660	42.129	ug/l	100
6) Chloroethane	1.72	64	196400	48.138	ug/l	96
7) Trichlorofluoromethane	1.92	101	394071	48.156	ug/l	99
8) Diethyl Ether	2.18	74	180546	47.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	244319	49.529	ug/l	99
10) Methyl Iodide	2.50	142	303008	46.759	ug/l	100
11) Tert butyl alcohol	3.03	59	269198	210.663	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234284	46.676	ug/l	97
13) Acrolein	2.28	56	192018	262.503	ug/l	98
14) Allyl chloride	2.72	41	438317	48.908	ug/l	99
15) Acrylonitrile	3.13	53	726753	243.663	ug/l	100
16) Acetone	2.43	43	808312	210.531	ug/l	99
17) Carbon Disulfide	2.56	76	609486	43.833	ug/l	99
18) Methyl Acetate	2.76	43	371535	48.835	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	809651	49.088	ug/l	97
20) Methylene Chloride	2.84	84	276870	45.794	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	256214	46.333	ug/l	99
22) Diisopropyl ether	3.84	45	913361	51.143	ug/l	95
23) Vinyl Acetate	3.80	43	3796315	260.485	ug/l	99
24) 1,1-Dichloroethane	3.69	63	477977	48.105	ug/l	99
25) 2-Butanone	4.65	43	1094858	231.299	ug/l	100
26) 2,2-Dichloropropane	4.57	77	380633	49.340	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	298775	47.774	ug/l	100
28) Bromochloromethane	5.00	49	210143	54.948	ug/l	95
29) Tetrahydrofuran	5.11	42	641920	242.455	ug/l	99
30) Chloroform	5.20	83	464958	49.363	ug/l	99
31) Cyclohexane	5.57	56	432498	48.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	388124	48.348	ug/l	99
36) 1,1-Dichloropropene	5.79	75	354153	49.343	ug/l	99
37) Ethyl Acetate	4.81	43	397687	50.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328543	50.248	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440255	49.678	ug/l	99
40) Benzene	6.13	78	1083466	49.062	ug/l	99
41) Methacrylonitrile	5.03	41	225862	51.360	ug/l	96
42) 1,2-Dichloroethane	6.18	62	371865	49.676	ug/l	99
43) Isopropyl Acetate	6.43	43	655502	49.975	ug/l	99
44) Trichloroethene	7.20	130	293470	48.112	ug/l	97
45) 1,2-Dichloropropane	7.50	63	285686	50.472	ug/l	96
46) Dibromomethane	7.65	93	179851	48.059	ug/l	99
47) Bromodichloromethane	7.89	83	363672	51.599	ug/l	100
48) Methyl methacrylate	7.76	41	324109	50.461	ug/l	98
49) 1,4-Dioxane	7.73	88	115267	881.867	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2029374	246.356	ug/l	99
52) Toluene	8.78	92	681847	48.848	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400041	51.764	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	451295	52.417	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	279367	49.937	ug/l	99
56) Ethyl methacrylate	9.17	69	445582	50.704	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471296	50.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	882962	265.501	ug/l	100
59) 2-Hexanone	9.48	43	1589832	239.748	ug/l	99
60) Dibromochloromethane	9.57	129	291594	52.437	ug/l	100
61) 1,2-Dibromoethane	9.67	107	283394	49.510	ug/l	100
64) Tetrachloroethene	9.33	164	307554	49.300	ug/l	99
65) Chlorobenzene	10.14	112	734892	49.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	274806	51.343	ug/l	98
67) Ethyl Benzene	10.25	91	1300524	50.464	ug/l	99
68) m/p-Xylenes	10.35	106	992859	100.167	ug/l	99
69) o-Xylene	10.70	106	478141	49.185	ug/l	98
70) Styrene	10.71	104	828428	50.396	ug/l	99
71) Bromoform	10.85	173	220952	51.356	ug/l #	100
73) Isopropylbenzene	11.01	105	1274321	50.955	ug/l	100
74) N-amyl acetate	10.89	43	577066	49.227	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	419205	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	342799m	44.454	ug/l	
77) Bromobenzene	11.25	156	326886	47.507	ug/l	99
78) n-propylbenzene	11.35	91	1463218	52.162	ug/l	100
79) 2-Chlorotoluene	11.42	91	855297	50.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1077153	51.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143487	52.520	ug/l	99
82) 4-Chlorotoluene	11.51	91	991948	50.150	ug/l	99
83) tert-Butylbenzene	11.76	119	1037239	50.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1081260	51.299	ug/l	100
85) sec-Butylbenzene	11.94	105	1255213	51.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	1154822	52.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588617	48.810	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586811	47.856	ug/l	100
89) n-Butylbenzene	12.39	91	1007020	53.358	ug/l	99
90) Hexachloroethane	12.59	117	203845	51.309	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583672	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85696	44.664	ug/l	98

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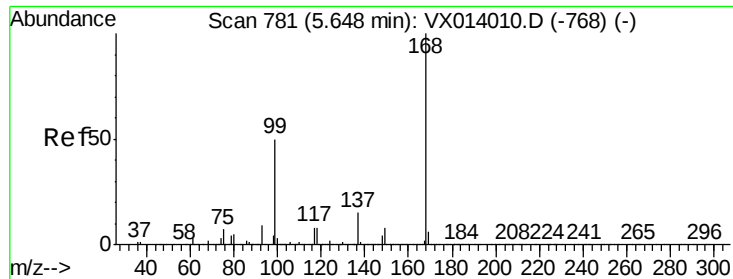
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	397932	50.434	ug/l	98
94) Hexachlorobutadiene	13.78	225	192573	50.784	ug/l	97
95) Naphthalene	13.83	128	1170572	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398049	51.105	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 521803

Ion Ratio Lower Upper

168 100

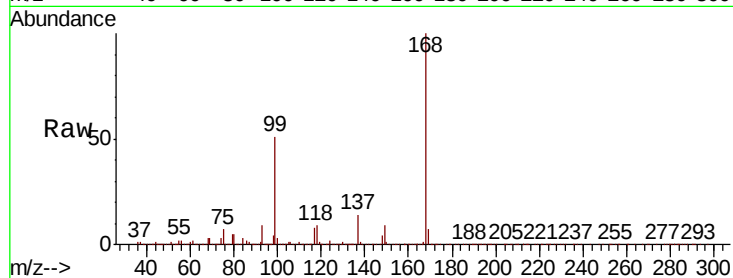
99 50.9 40.3 60.5

Manual Integrations

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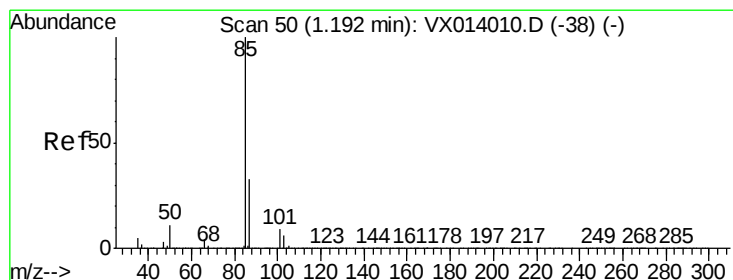
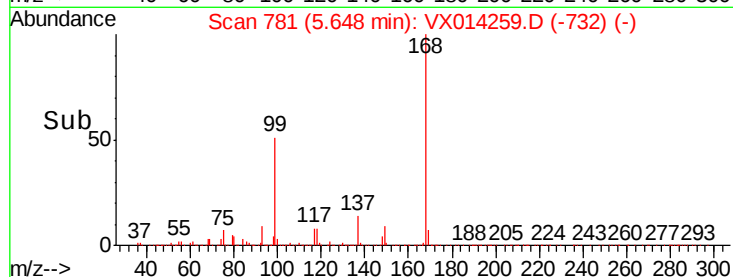
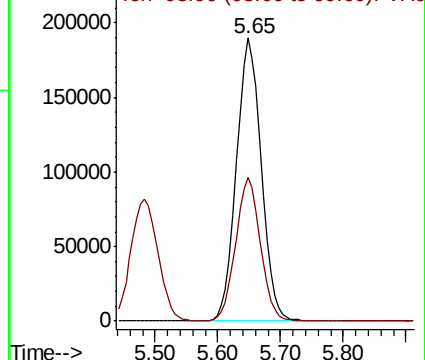
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014259.D

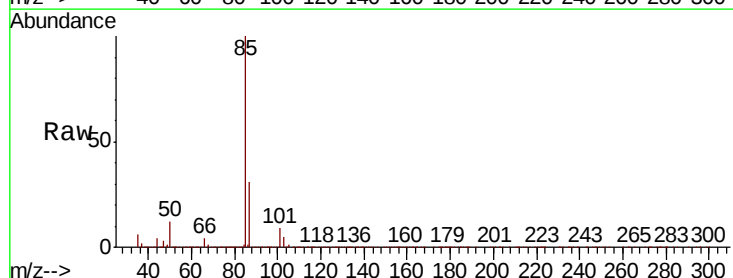
Acq: 26 Dec 2019 10:46

Tgt Ion: 85 Resp: 210019

Ion Ratio Lower Upper

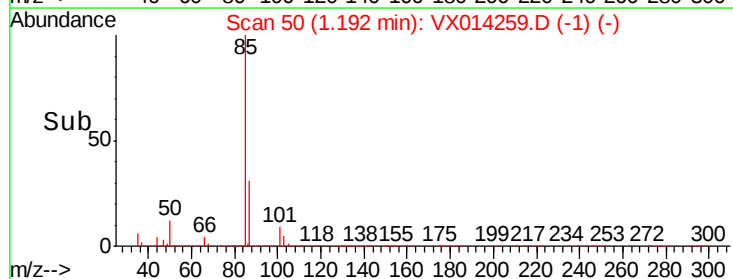
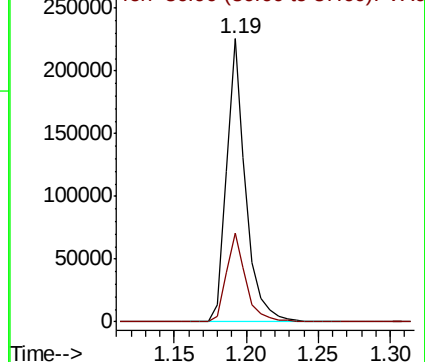
85 100

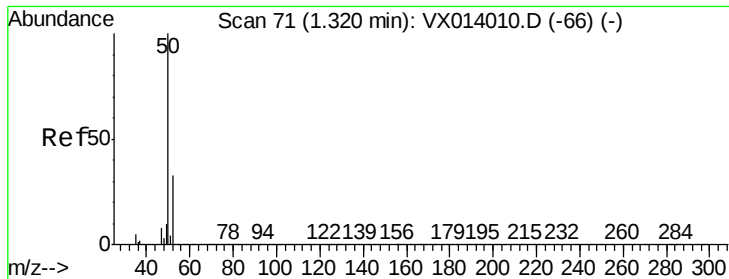
87 31.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.355 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 284141

Ion Ratio Lower Upper

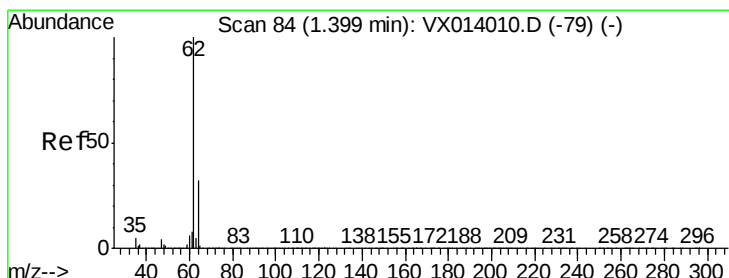
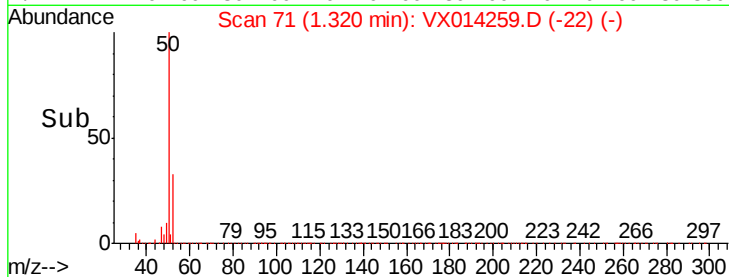
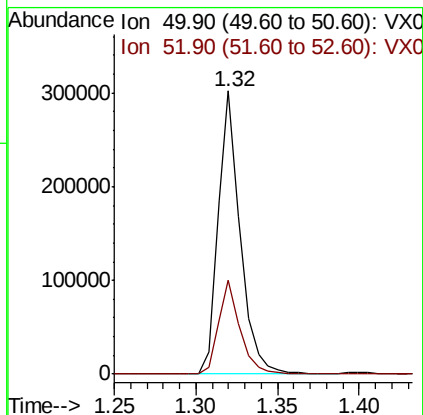
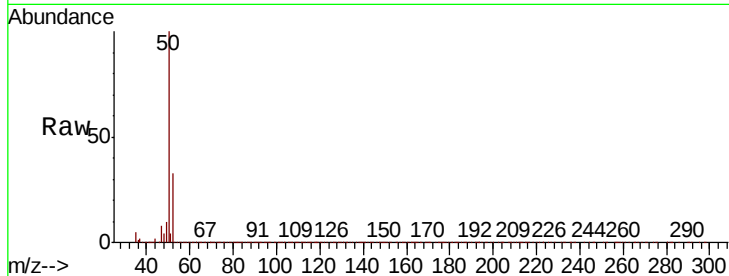
50 100

52 33.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 45.823 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014259.D

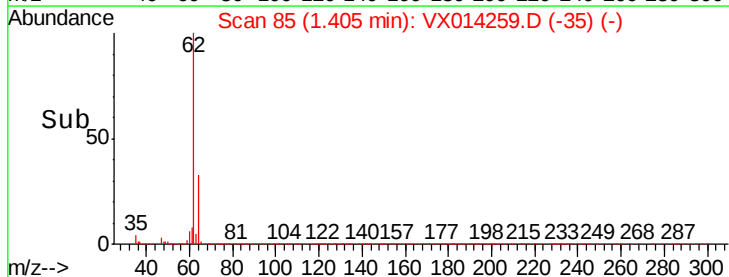
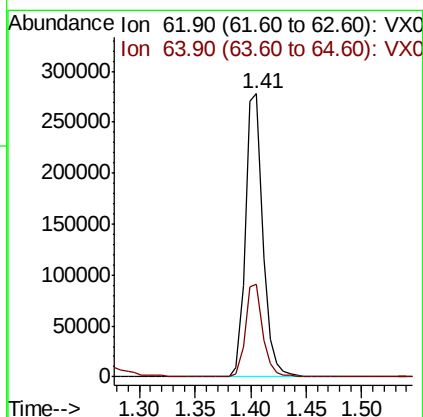
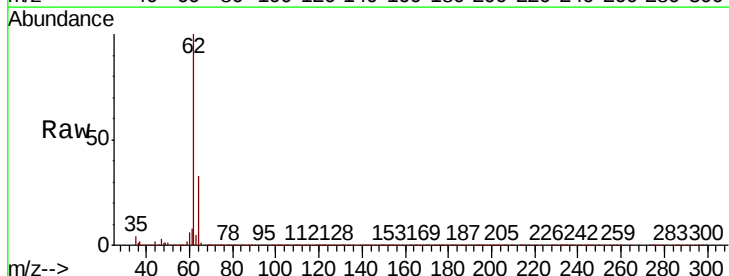
Acq: 26 Dec 2019 10:46

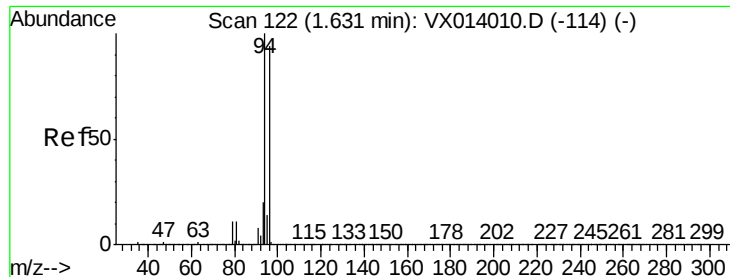
Tgt Ion: 62 Resp: 302912

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 42.129 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tot Ion: 94 Resp: 197660

Ion Ratio Lower Upper

94 100

96 93.6 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

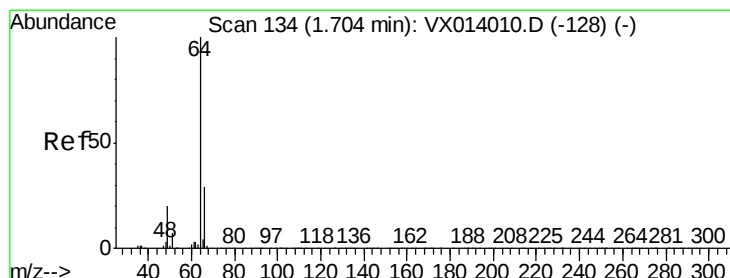
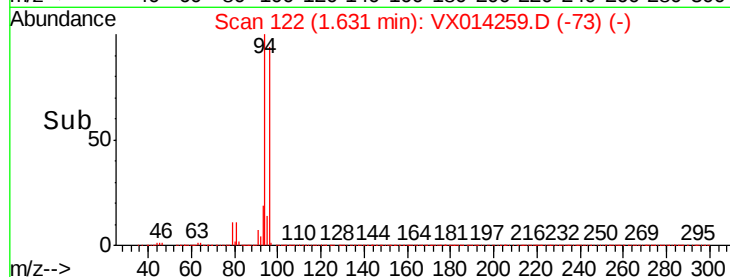
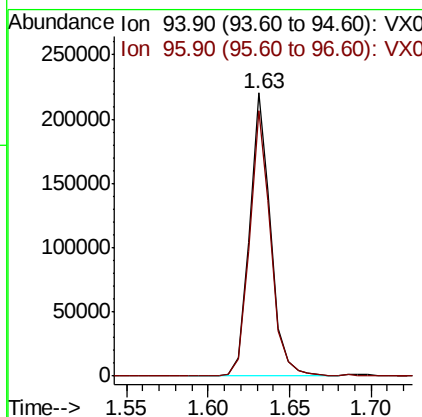
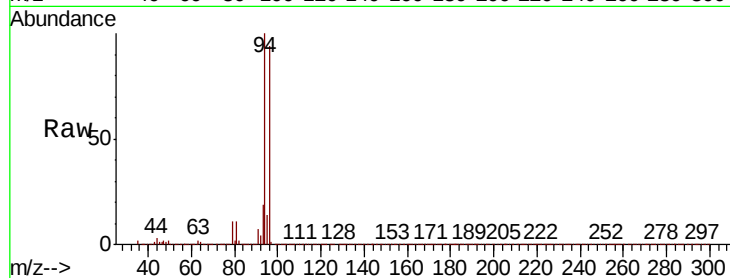
VSTDCCC050

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#6

Chloroethane

Concen: 48.138 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014259.D

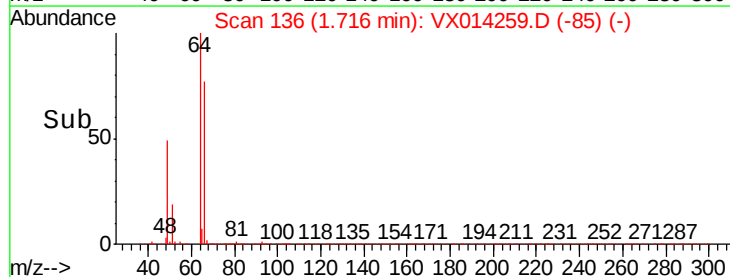
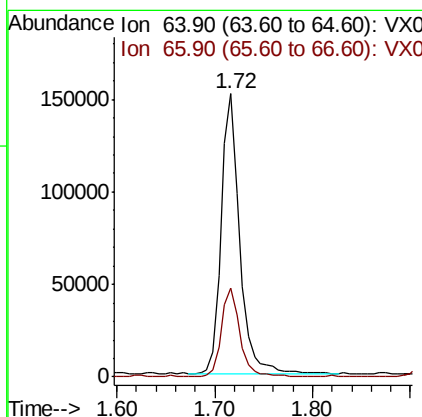
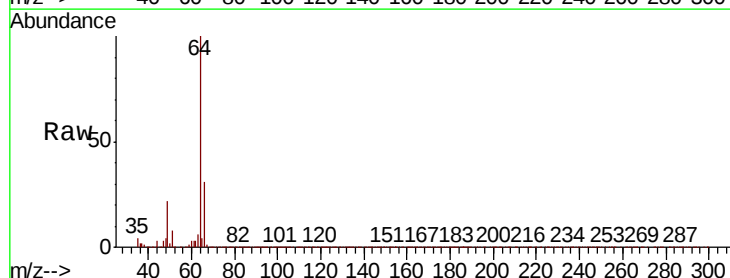
Acq: 26 Dec 2019 10:46

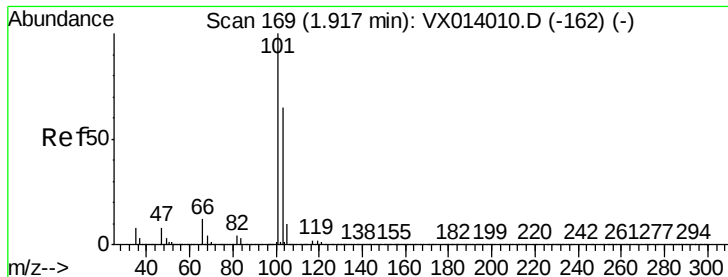
Tgt Ion: 64 Resp: 196400

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2





#7

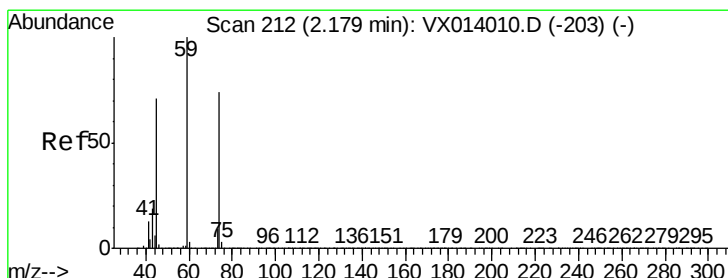
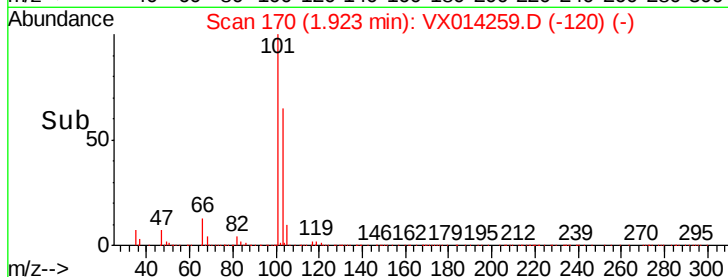
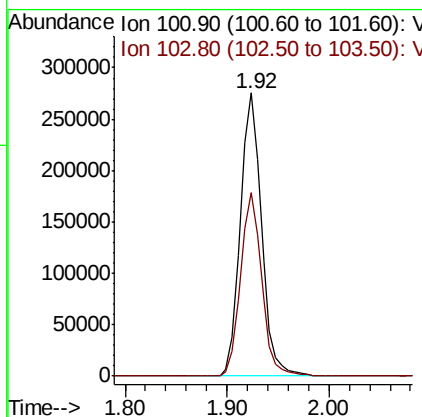
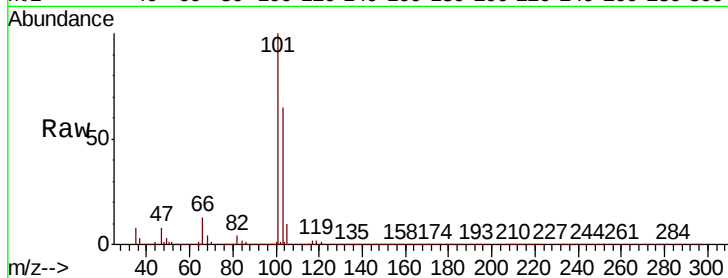
Trichlorofluoromethane
Concen: 48.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.4

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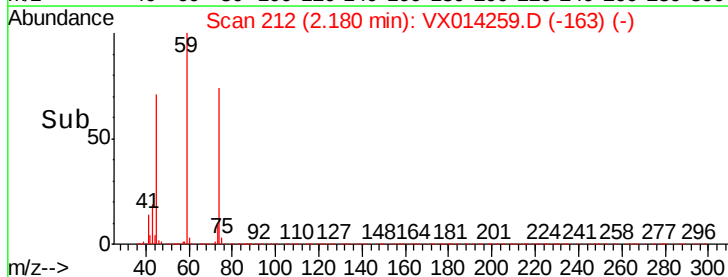
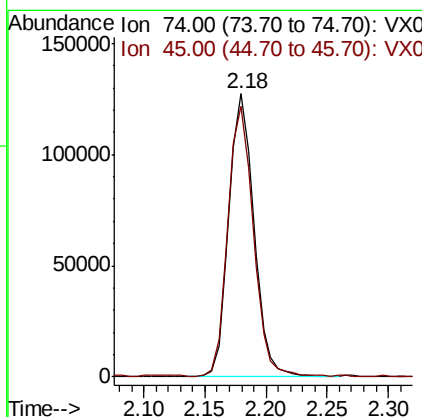
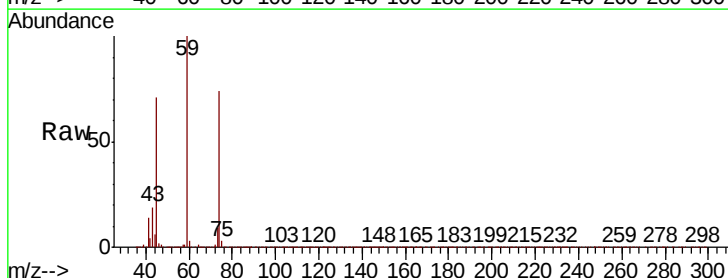
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#8

Diethyl Ether
Concen: 47.011 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.529 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

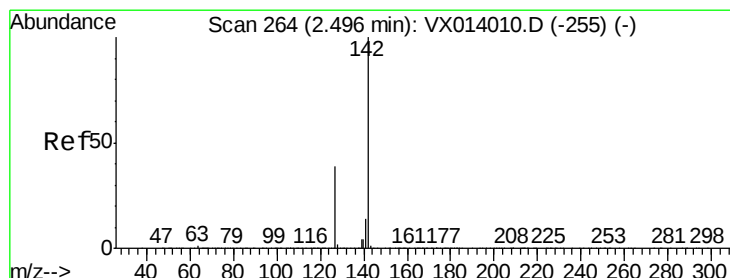
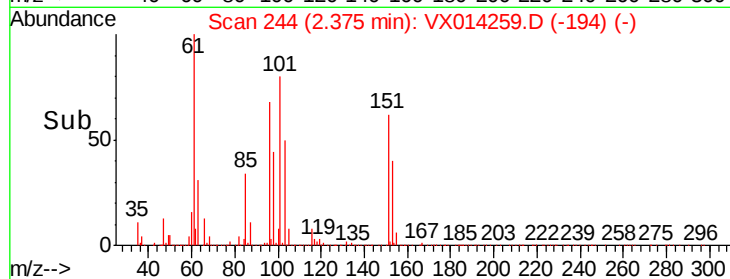
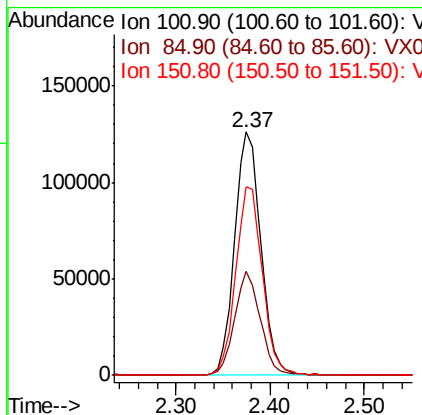
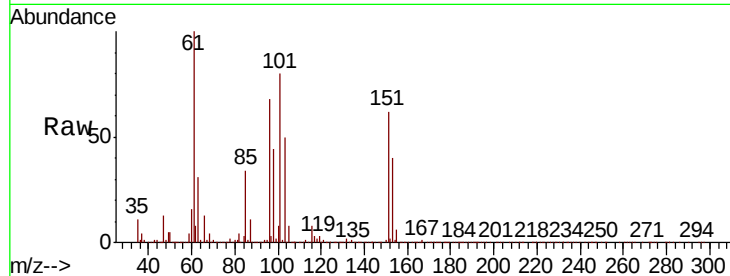
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	244319
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	79.0	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 46.759 ug/l

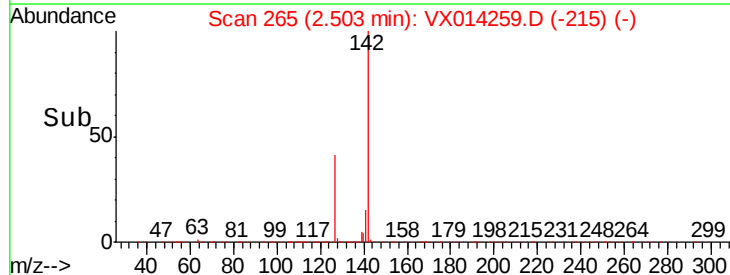
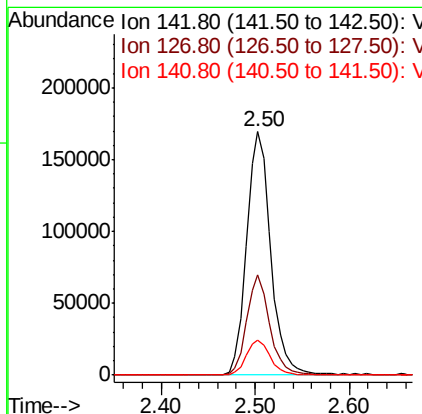
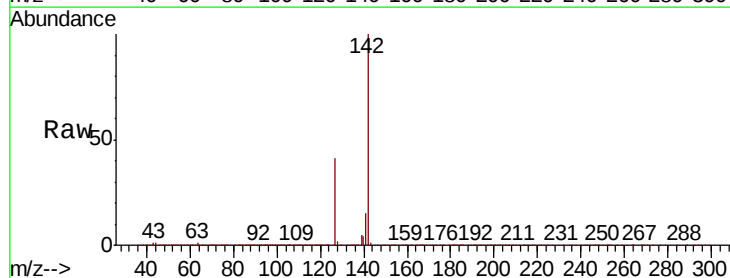
RT: 2.50 min Scan# 265

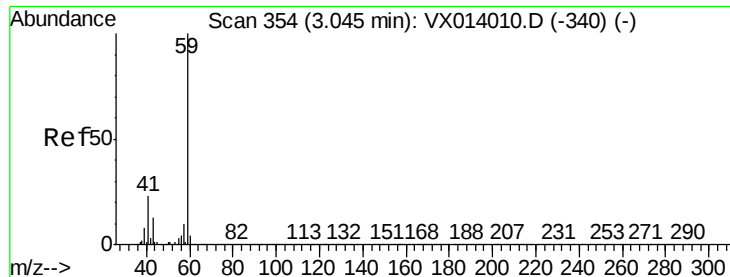
Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	142	Resp:	303008
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.6	47.4
141	14.3	11.6	17.4





#11

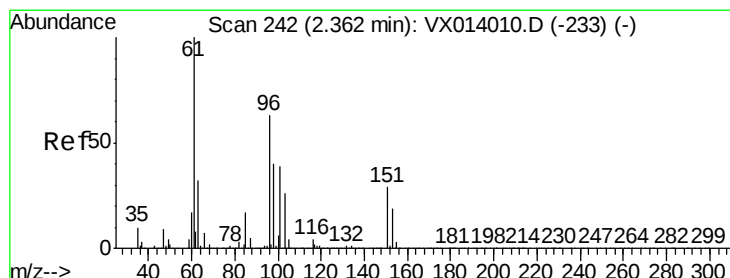
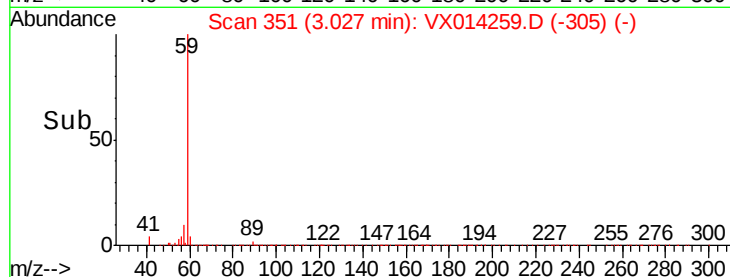
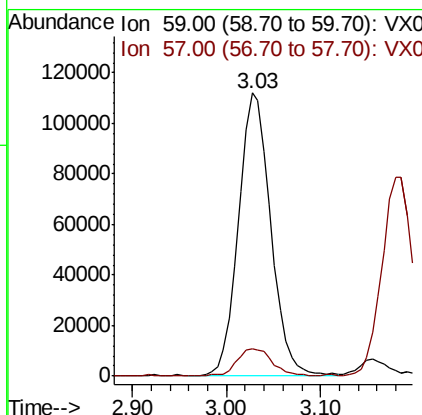
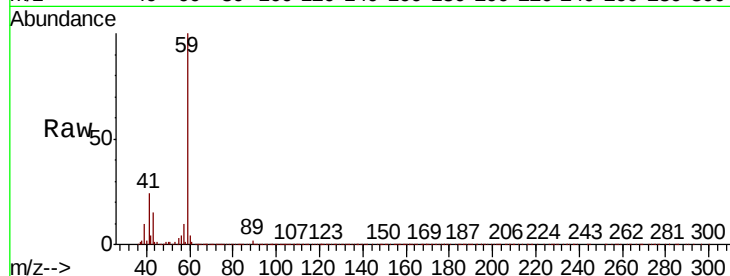
Tert butyl alcohol
Concen: 210.663 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

Manual Integrations
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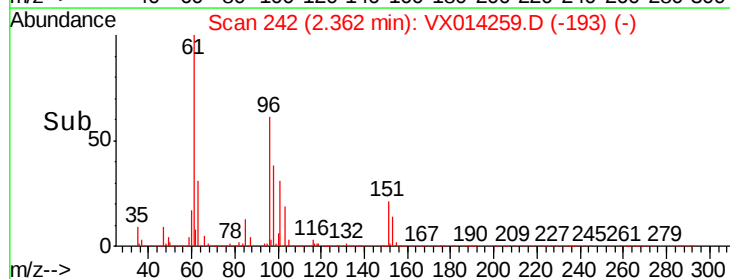
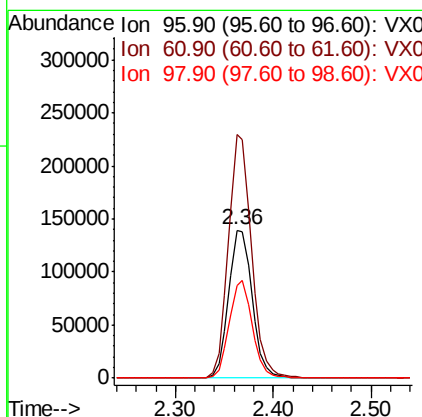
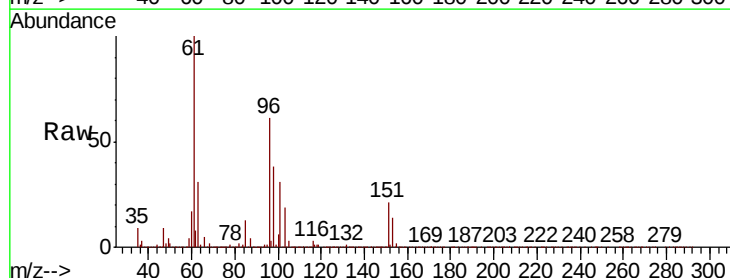
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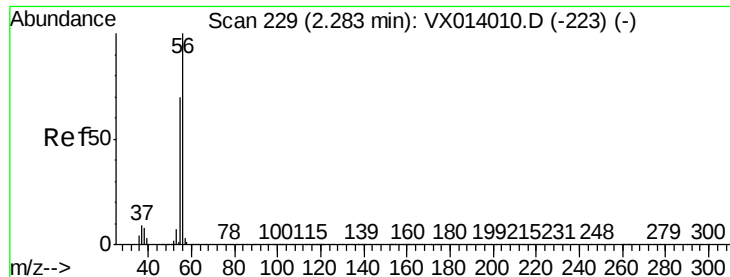


#12

1,1-Dichloroethene
Concen: 46.676 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	127.9	191.9
98	62.9	50.5	75.7





#13

Acrolein

Concen: 262.503 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 192018

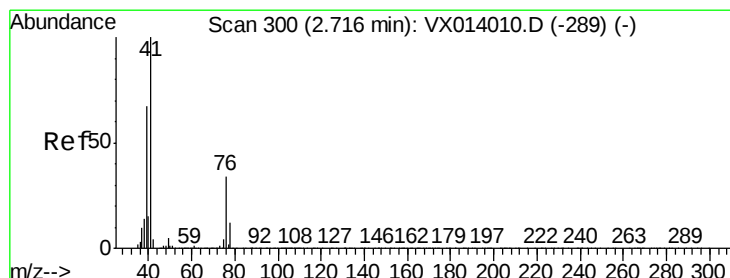
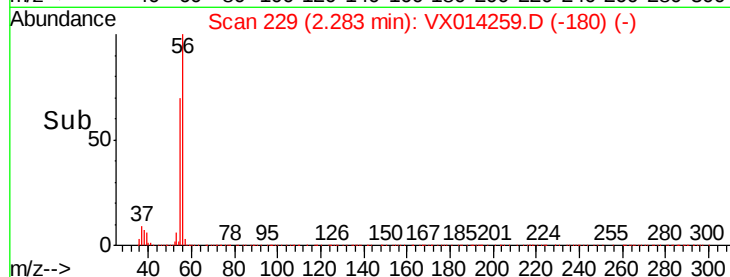
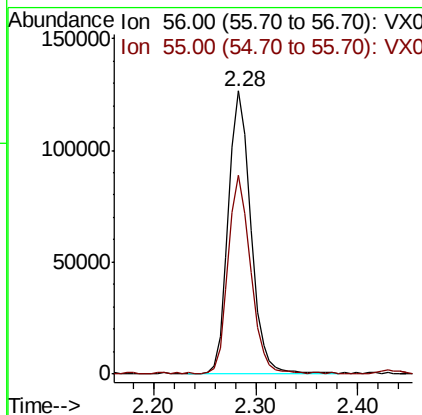
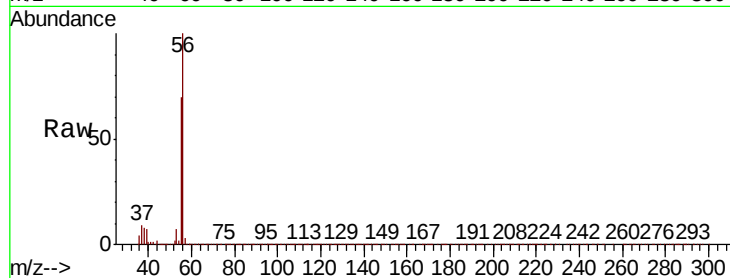
Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 48.908 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

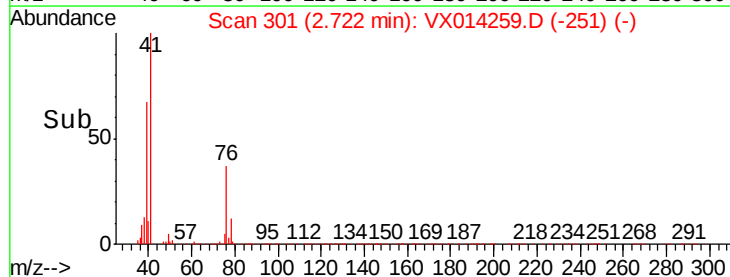
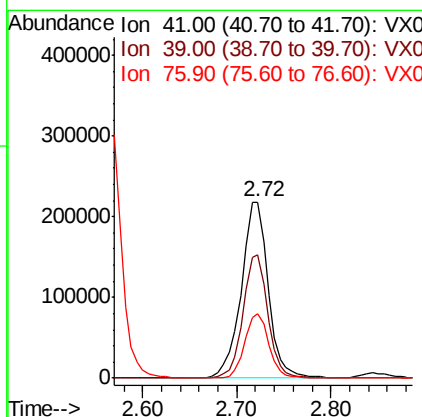
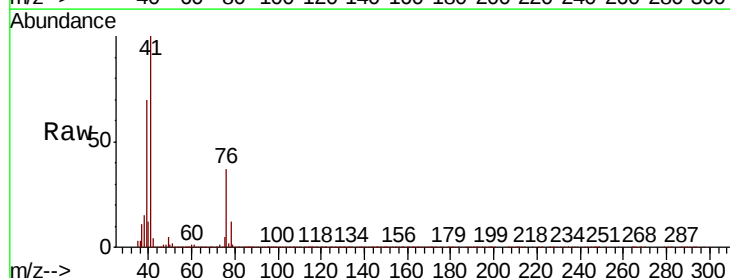
Tgt Ion: 41 Resp: 438317

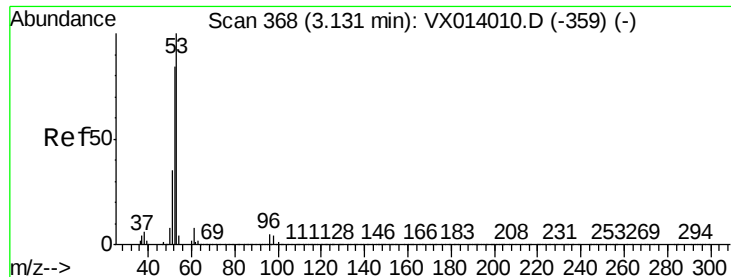
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 243.663 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

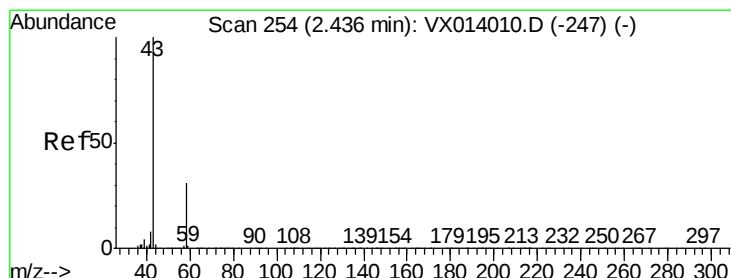
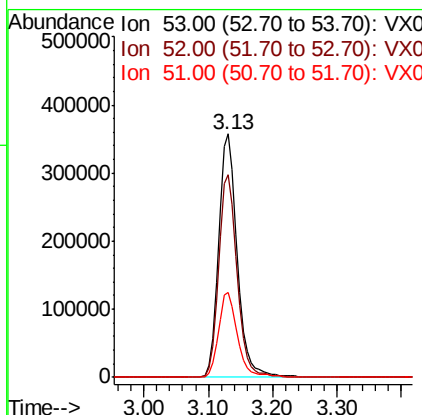
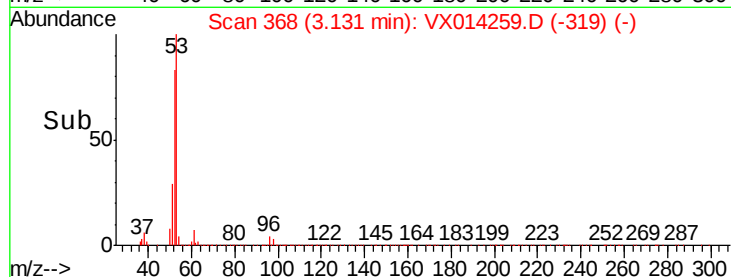
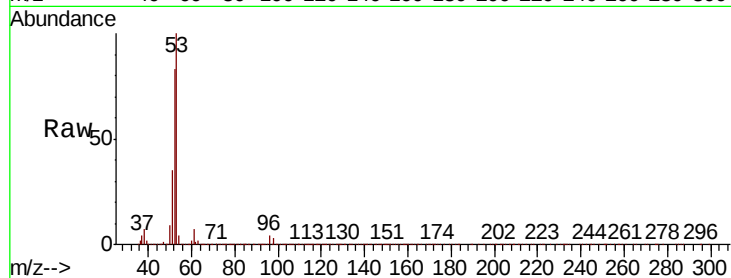
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	726753
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.5	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 210.531 ug/l

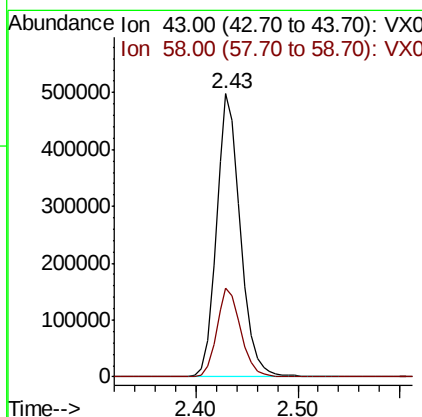
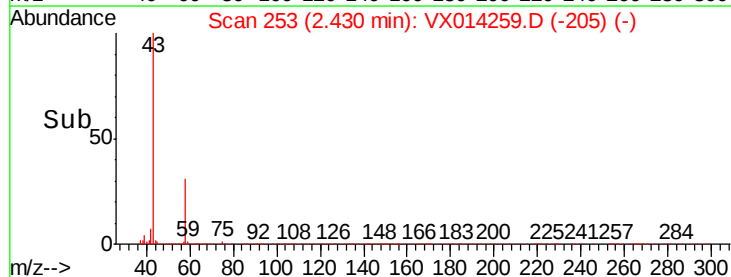
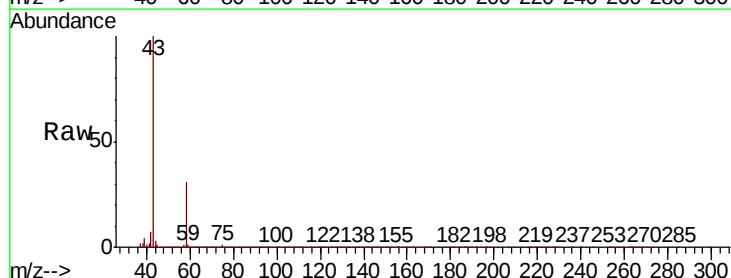
RT: 2.43 min Scan# 253

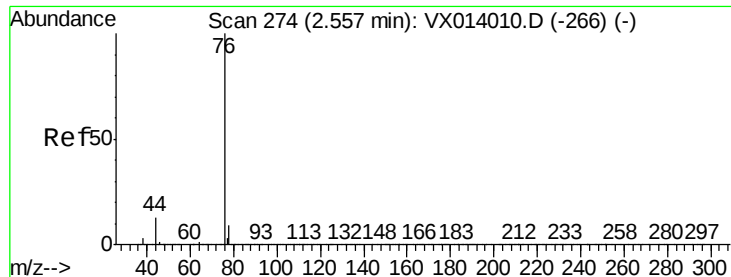
Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	43	Resp:	808312
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.9	37.3





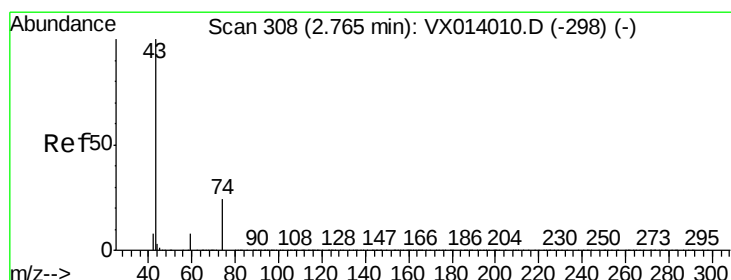
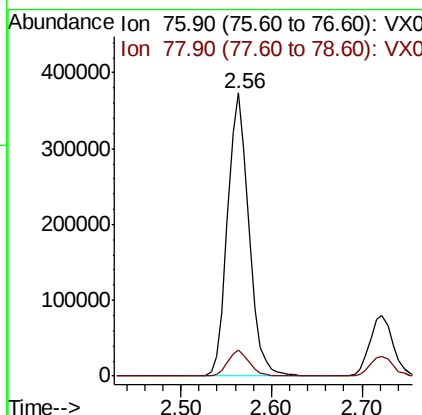
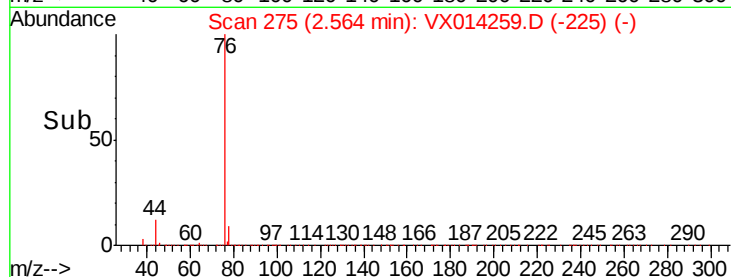
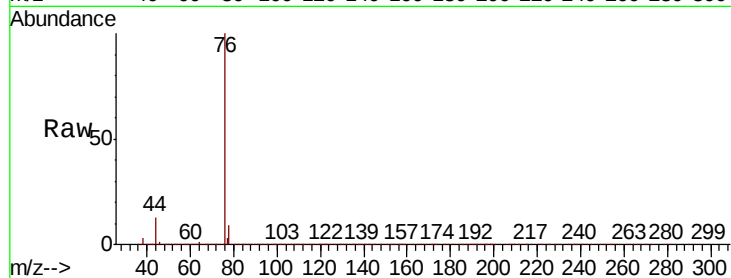
#17
Carbon Disulfide
Concen: 43.833 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

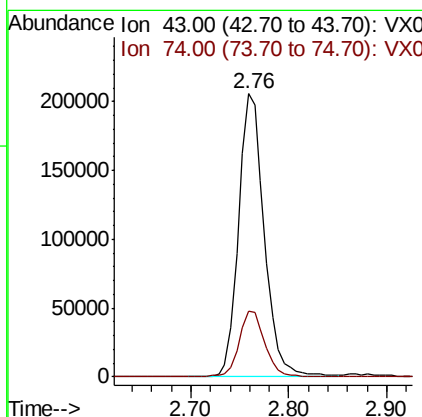
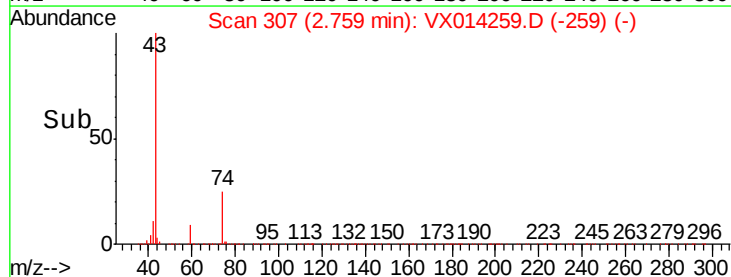
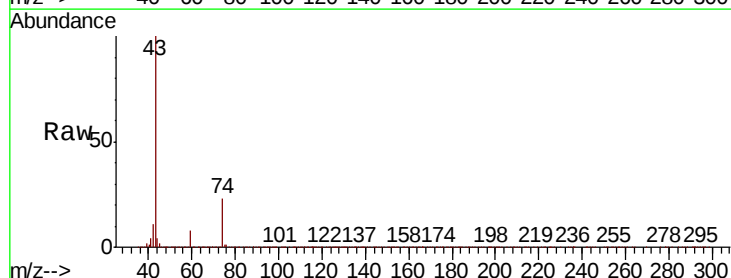
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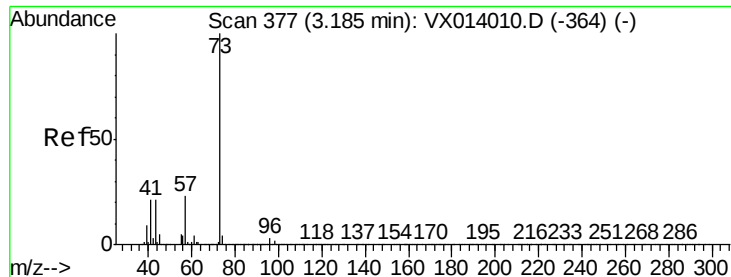
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#18
Methyl Acetate
Concen: 48.835 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





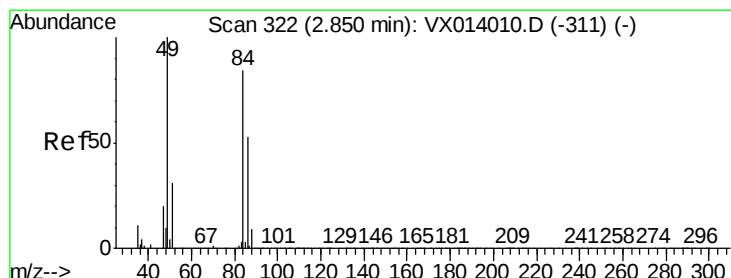
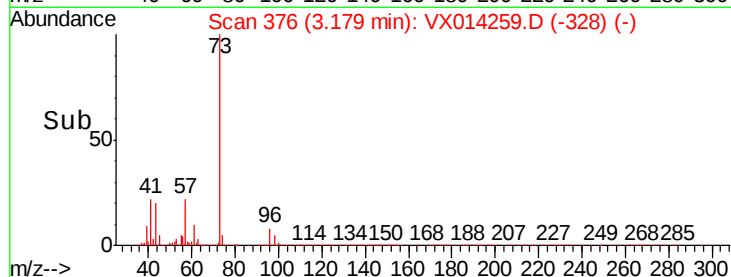
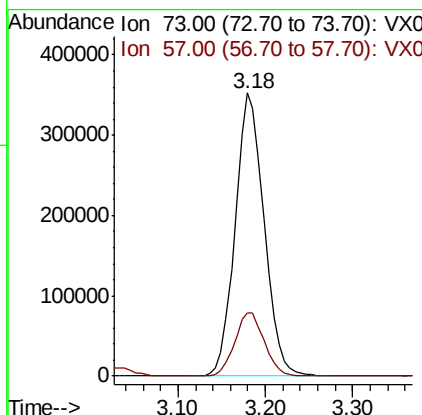
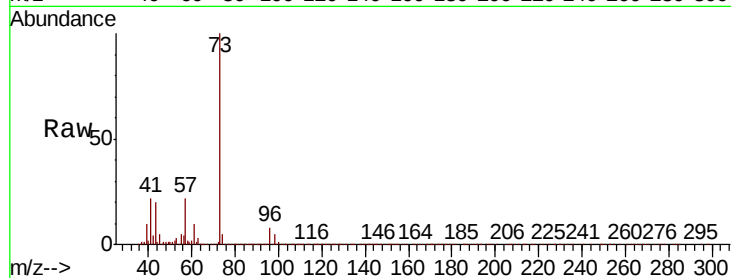
#19
Methvl tert-butvl Ether
Concen: 49.088 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

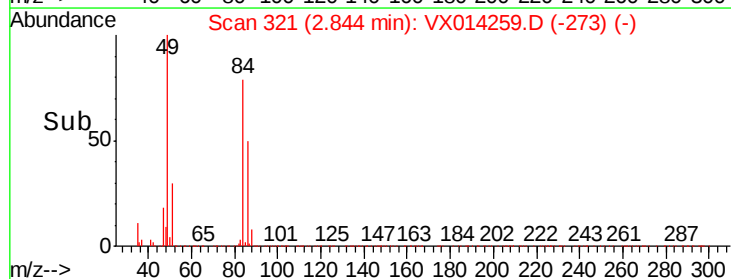
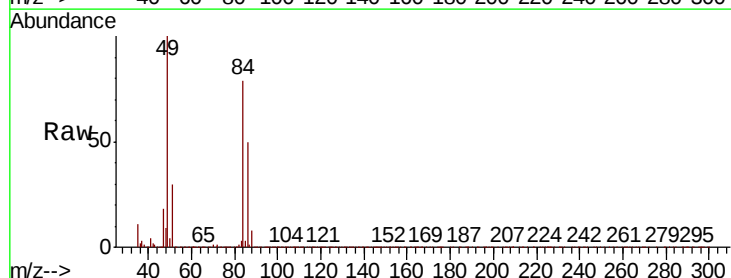
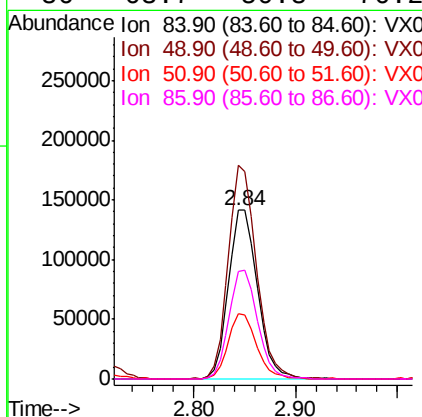
Manual Integrations
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#20
Methylene Chloride
Concen: 45.794 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	95.8	143.6
51	38.4	29.8	44.8
86	63.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.333 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

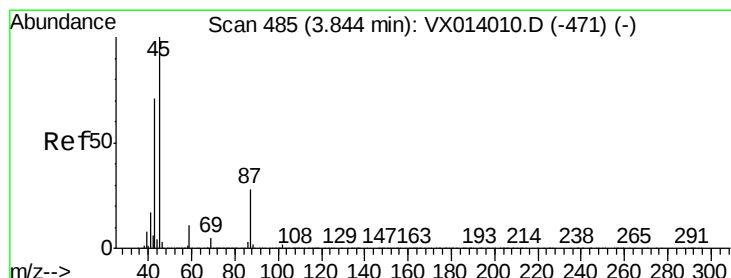
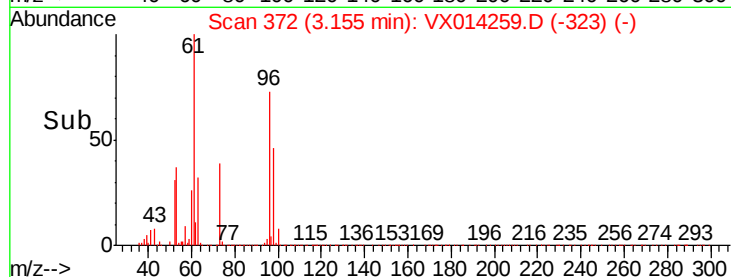
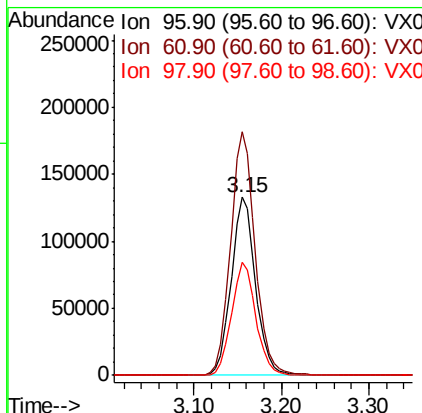
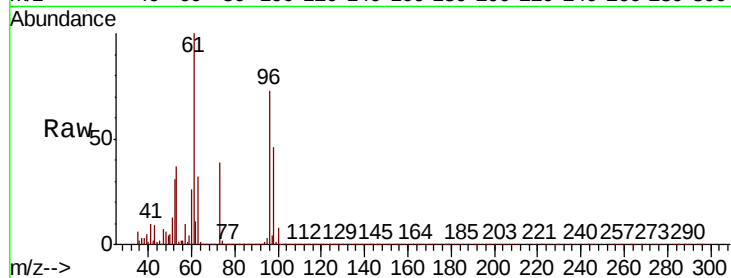
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	256214
Ion	Ratio	Lower	Upper
96	100		
61	137.0	108.3	162.5
98	63.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.143 ug/l

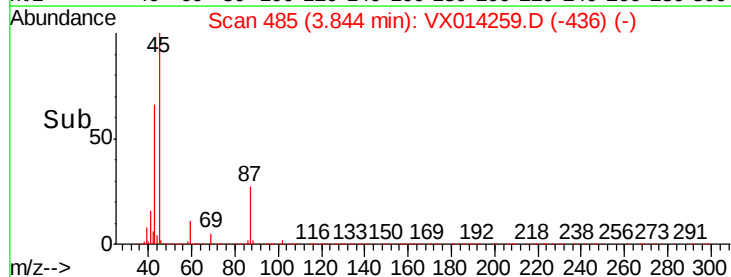
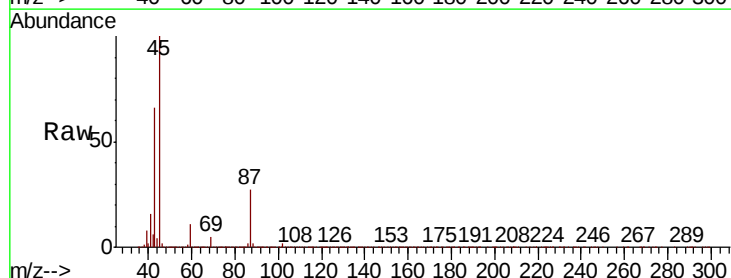
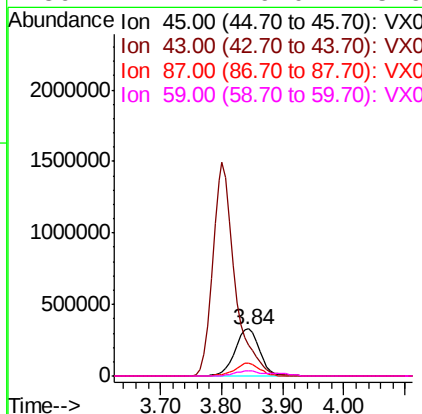
RT: 3.84 min Scan# 485

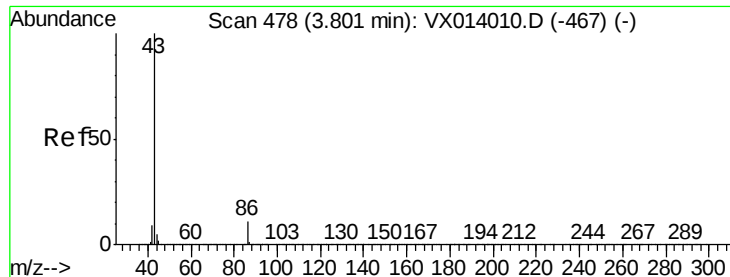
Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	45	Resp:	913361
Ion	Ratio	Lower	Upper
45	100		
43	65.5	57.4	86.0
87	26.6	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 260.485 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3796315

Ion Ratio Lower Upper

43 100

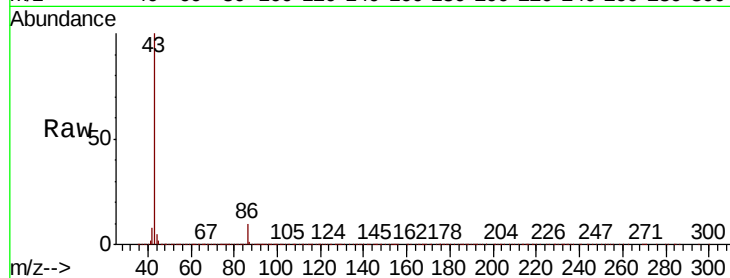
86 10.5 8.6 12.8

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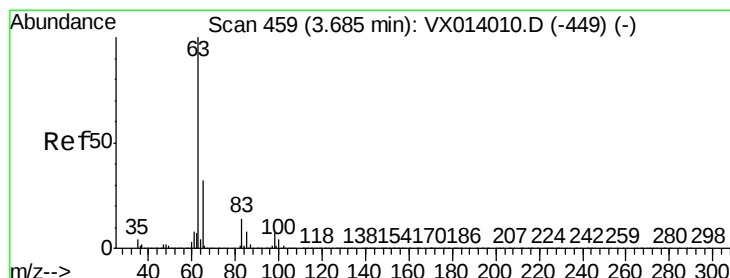
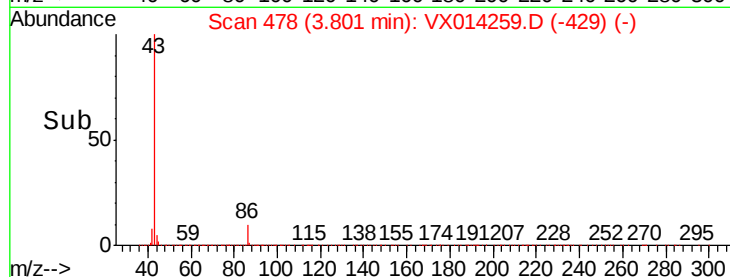
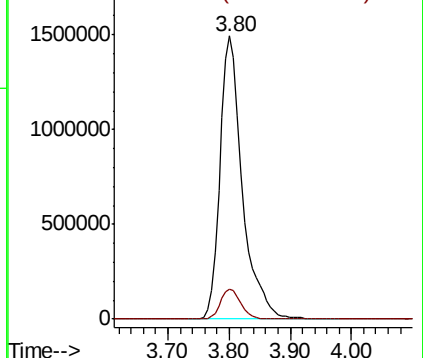
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.105 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

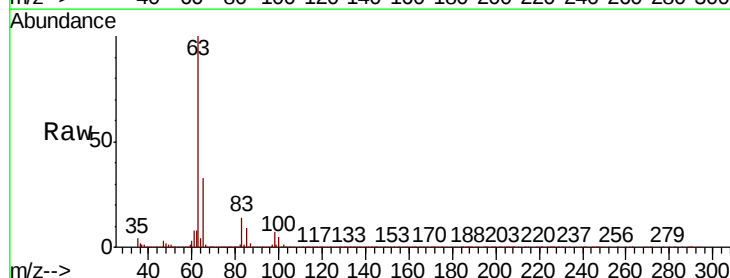
Tgt Ion: 63 Resp: 477977

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

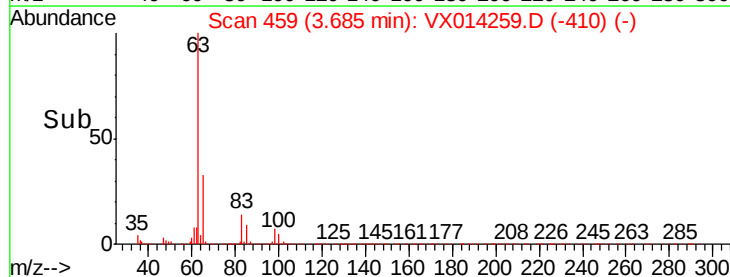
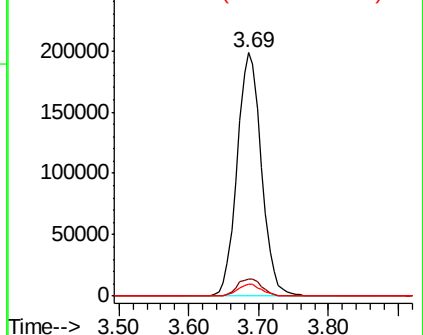
100 4.9 2.3 6.8

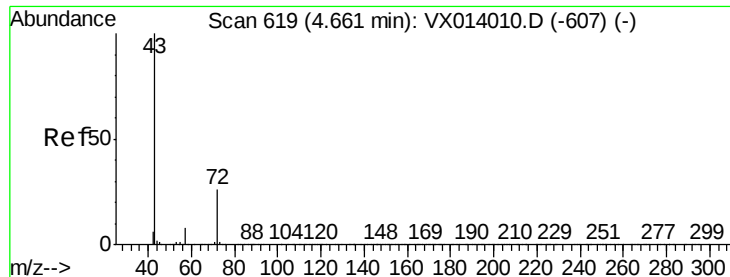


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.299 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1094858

Ion Ratio Lower Upper

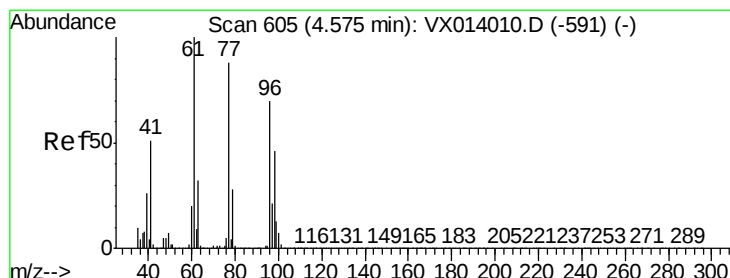
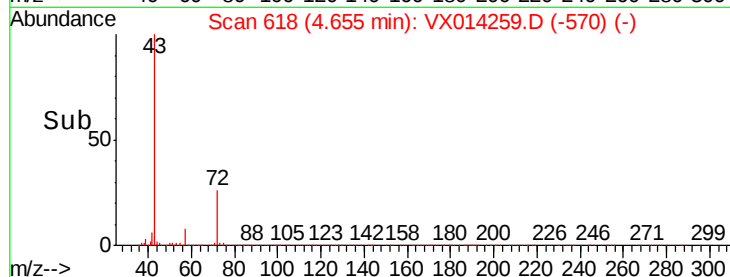
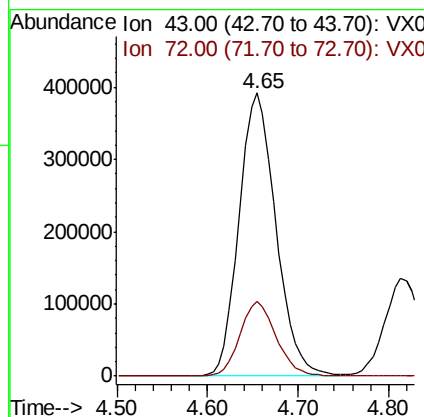
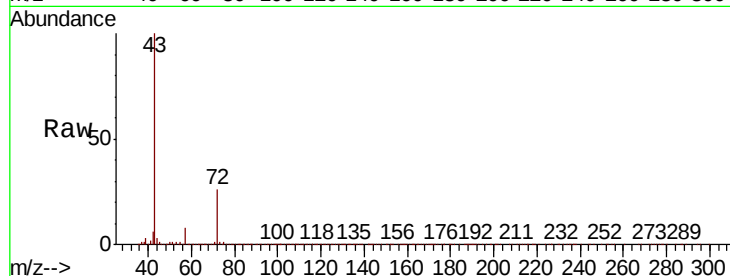
43 100

72 26.3 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 49.340 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014259.D

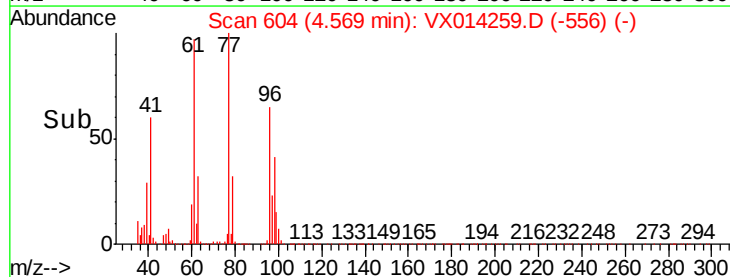
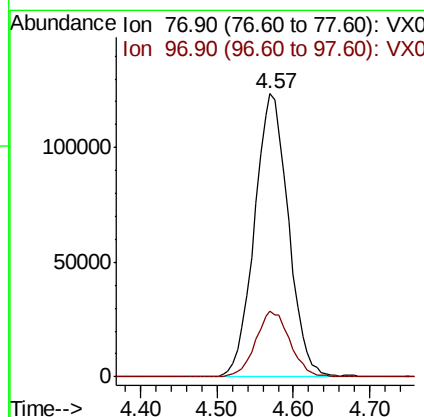
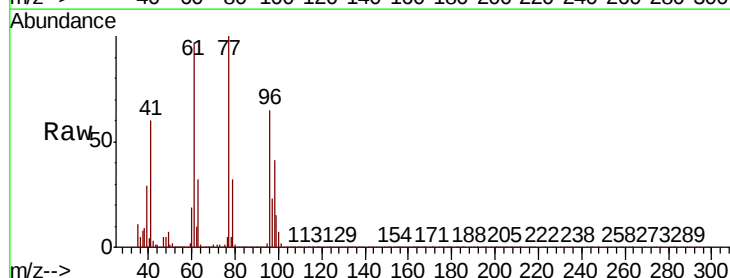
Acq: 26 Dec 2019 10:46

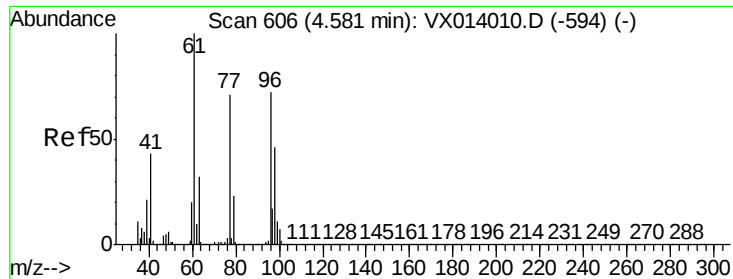
Tgt Ion: 77 Resp: 380633

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9





#27

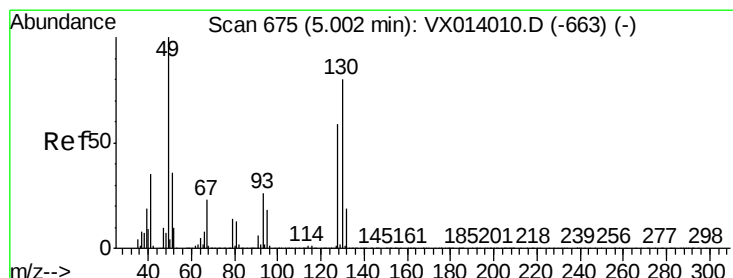
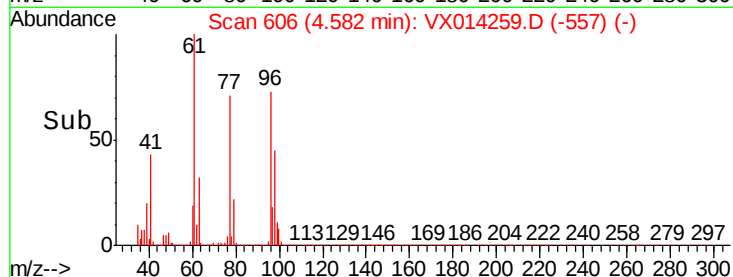
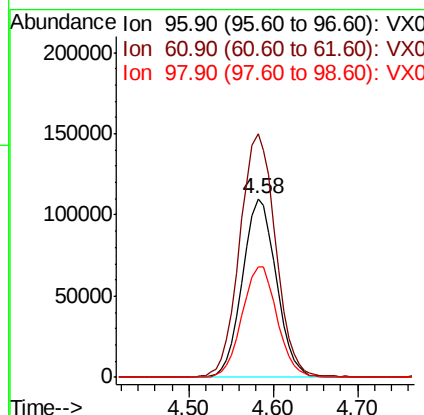
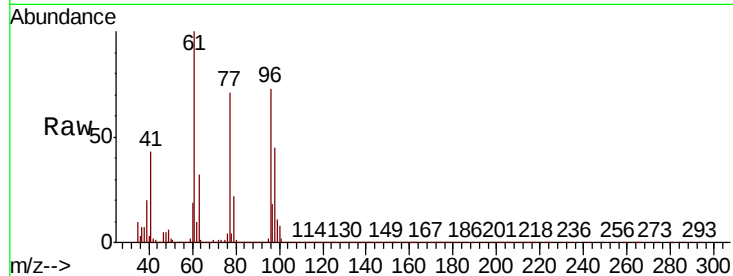
cis-1,2-Dichloroethene
Concen: 47.774 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	298775		
61	144.6	0.0	288.4	
98	64.2	0.0	129.6	

Manual Integrations
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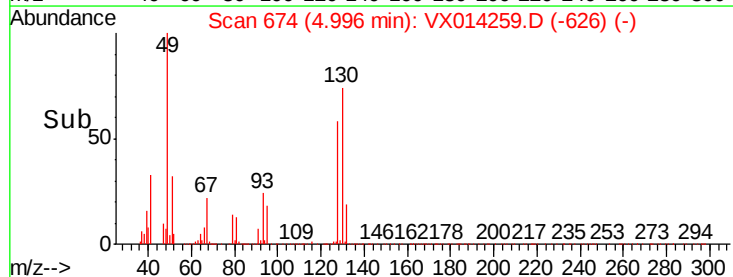
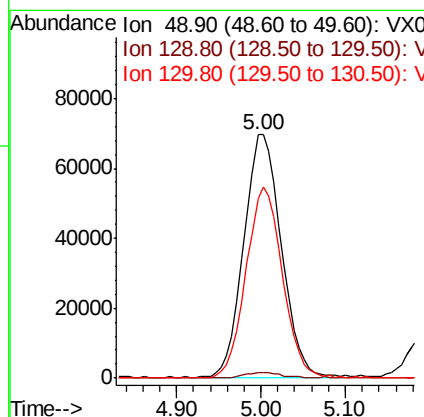
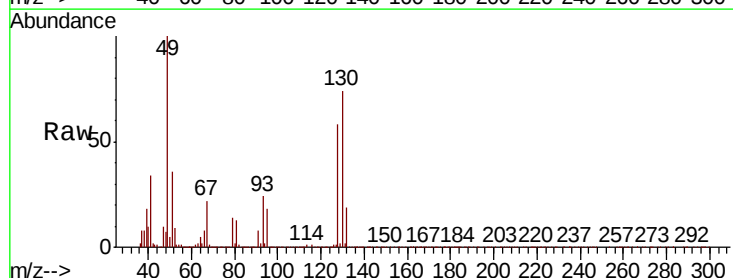
apatel
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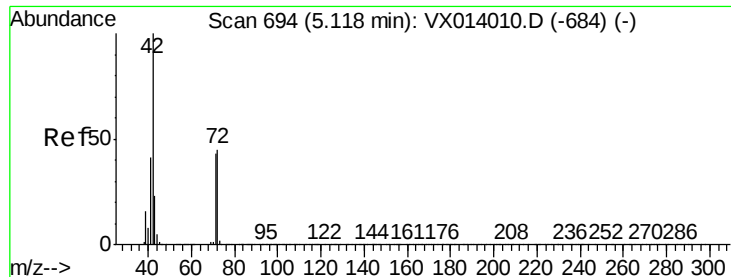


#28

Bromochloromethane
Concen: 54.948 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	210143		
129	2.3	0.0	5.0	
130	76.3	64.6	97.0	





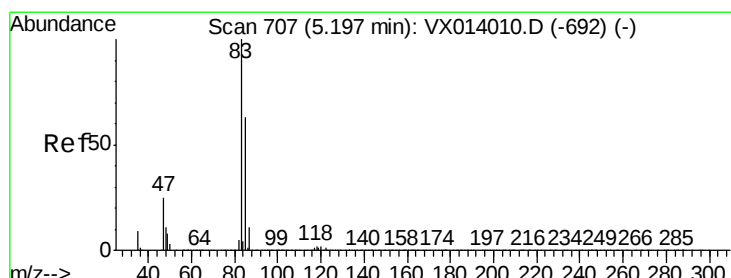
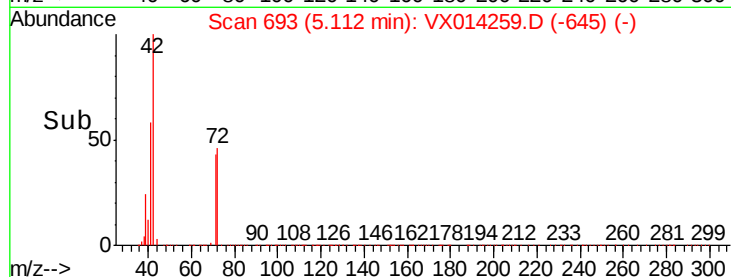
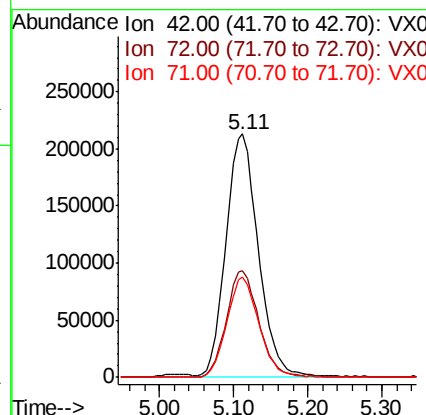
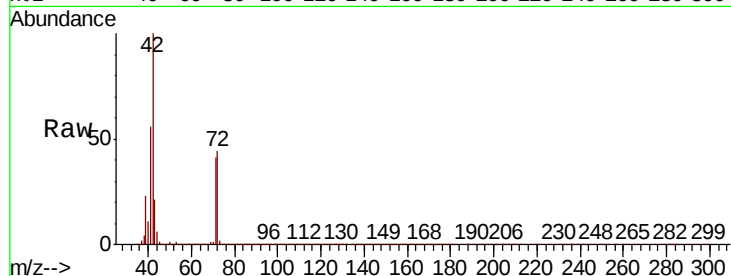
#29
Tetrahydrofuran
Concen: 242.455 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.8	53.8
71	40.9	33.6	50.4

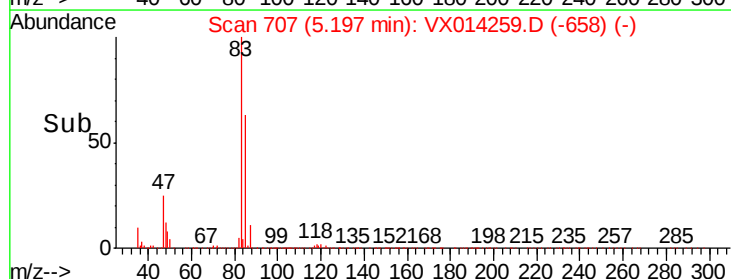
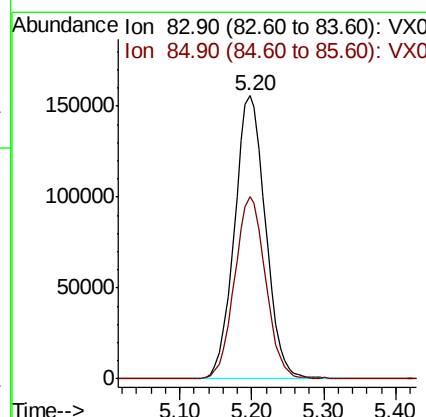
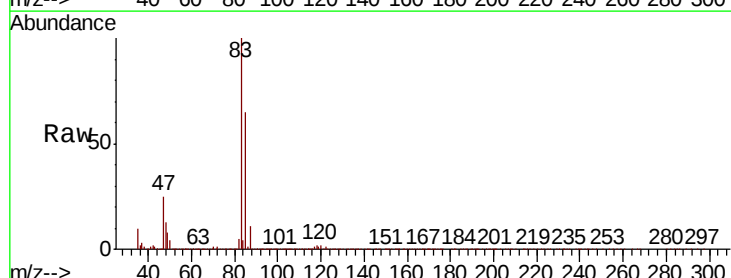
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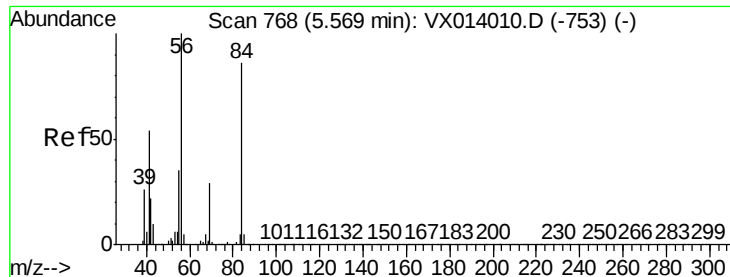
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#30
Chloroform
Concen: 49.363 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





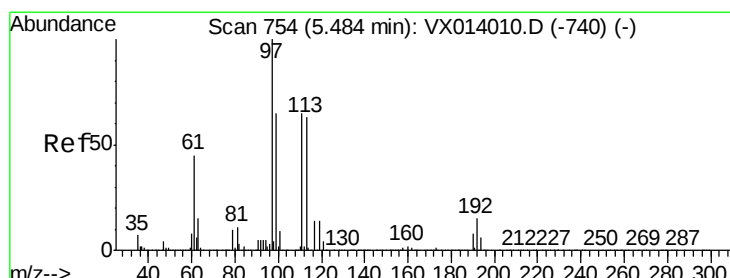
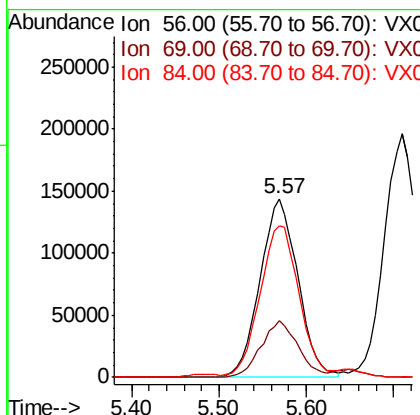
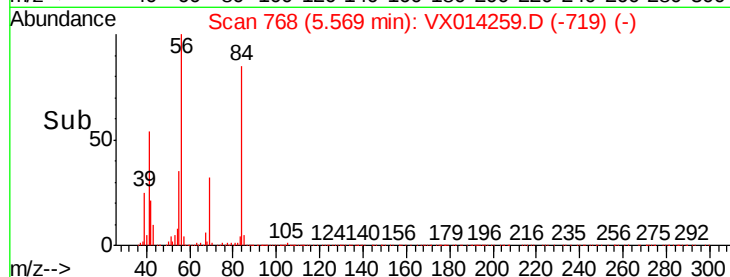
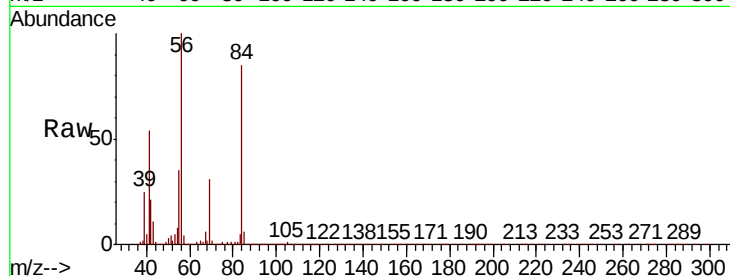
#31
Cyclohexane
Concen: 48.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.2	34.8
84	83.8	69.2	103.8

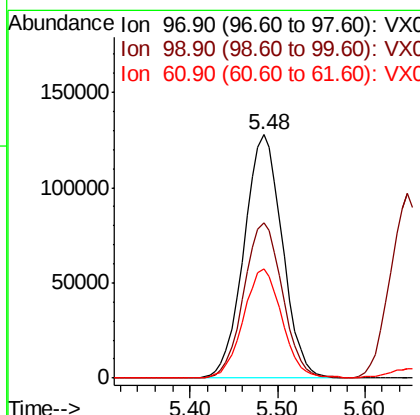
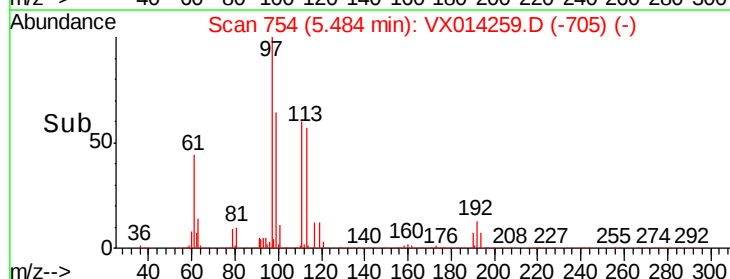
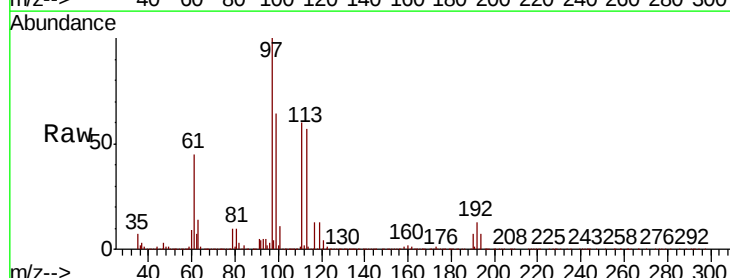
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 48.348 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 43.809 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 259082

Ion Ratio Lower Upper

65 100

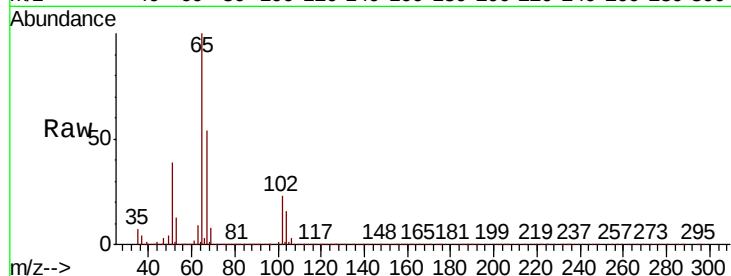
67 53.9 0.0 106.4

Manual Integrations

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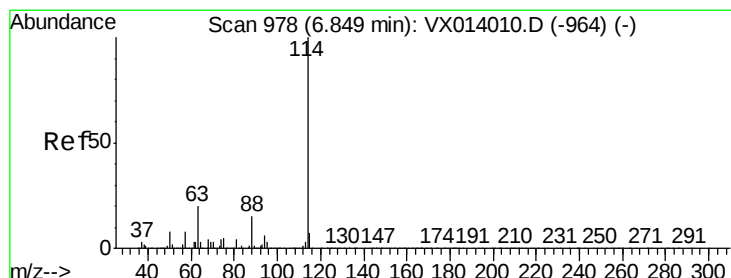
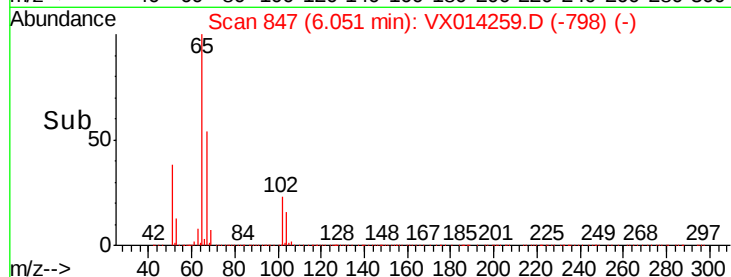
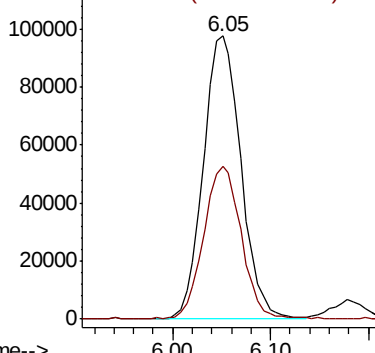
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

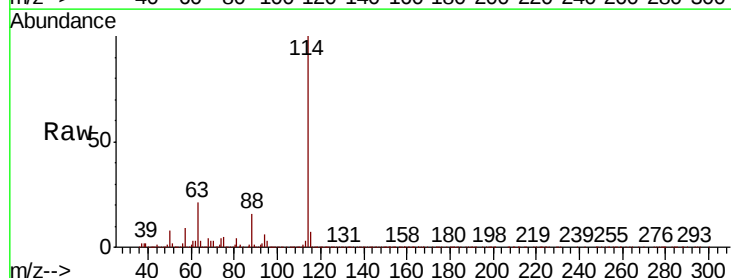
Tgt Ion: 114 Resp: 782219

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

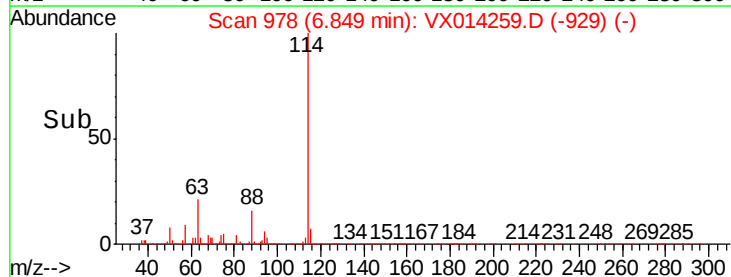
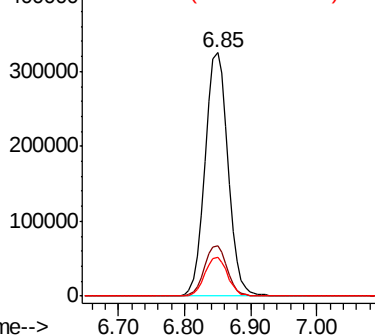
88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.537 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

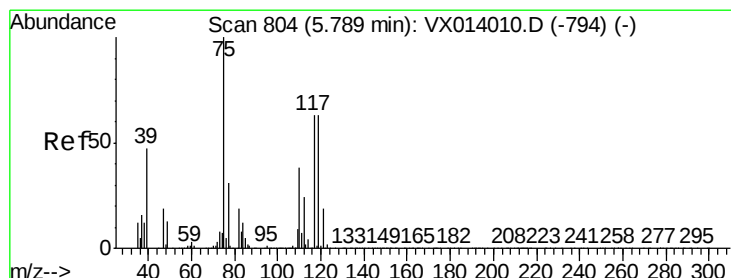
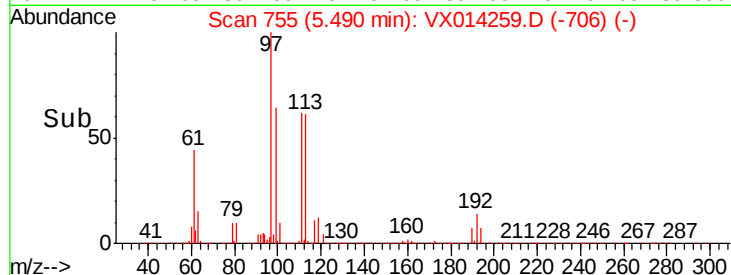
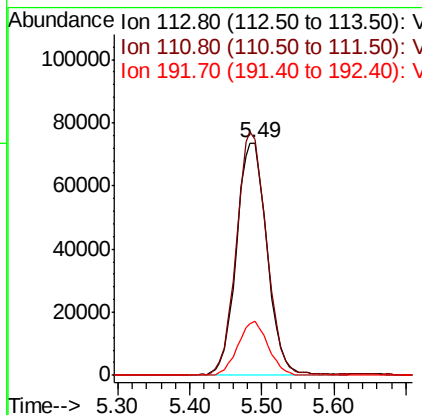
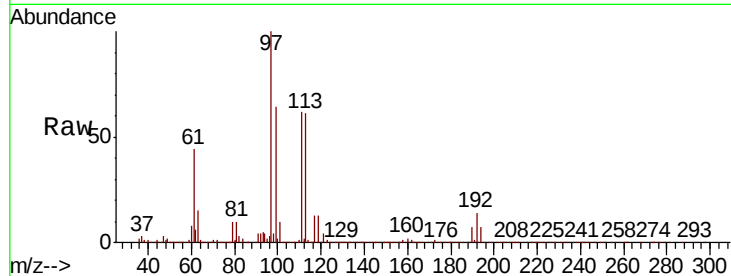
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	216529
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.0	123.0
192	22.8	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.343 ug/l

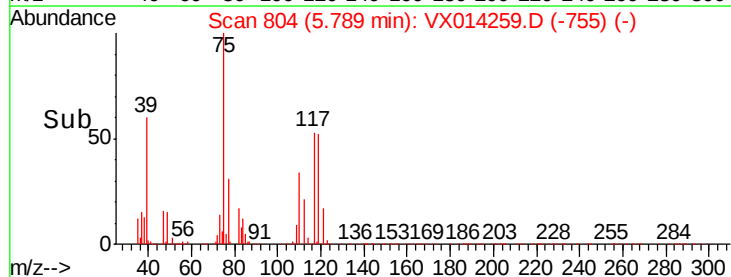
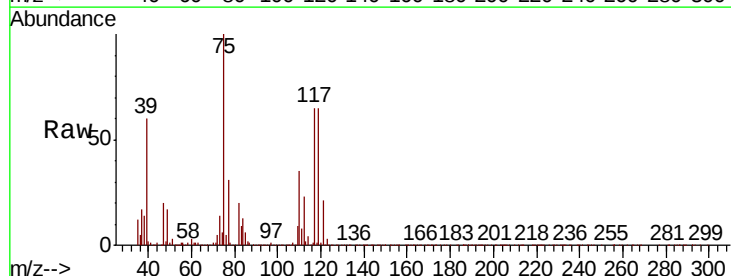
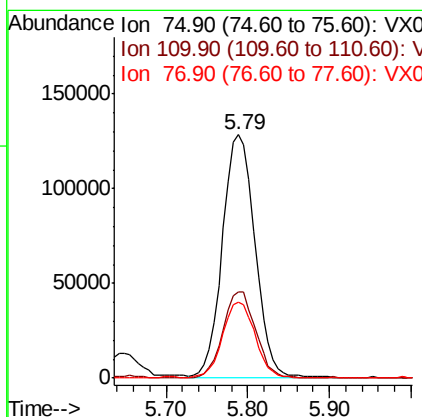
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	75	Resp:	354153
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.3	54.9
77	30.8	24.8	37.2





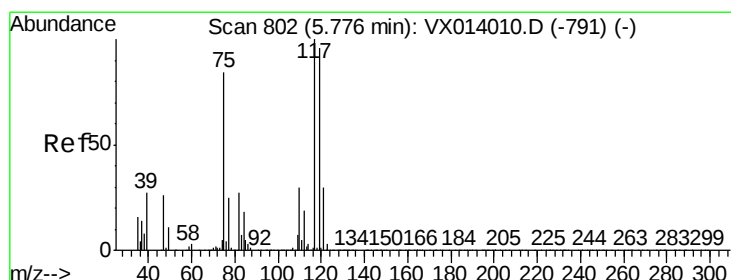
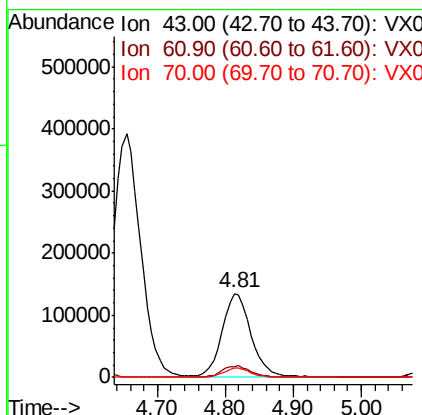
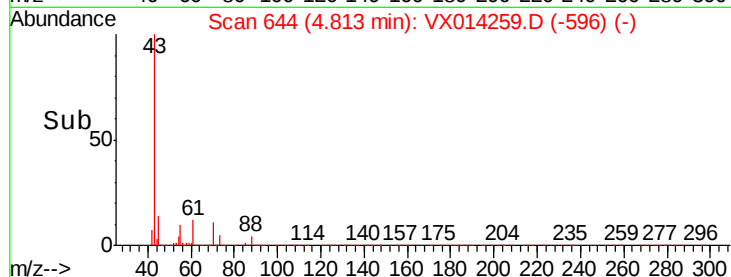
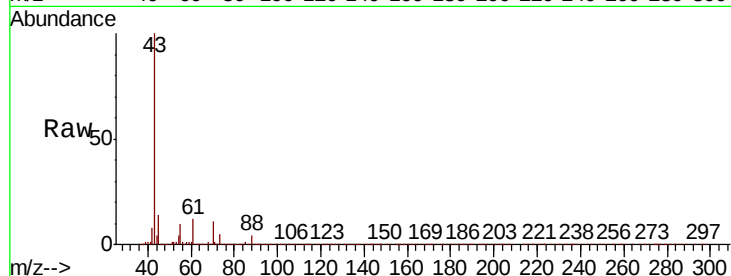
#37
Ethyl Acetate
Concen: 50.176 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.2	8.6	12.8

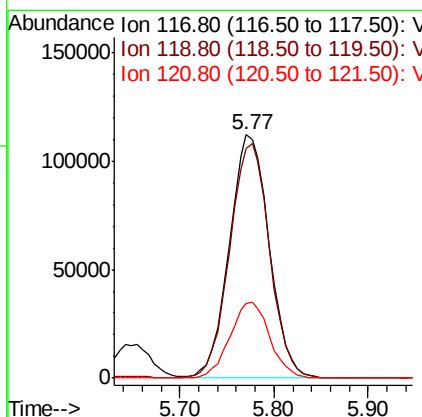
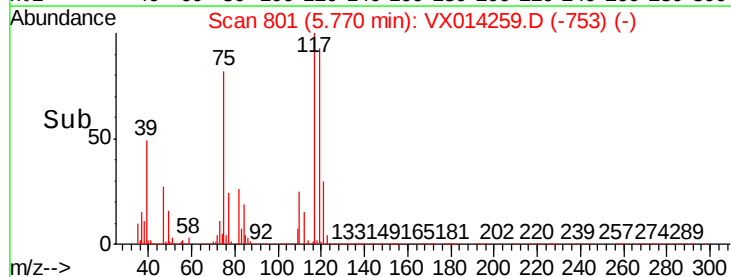
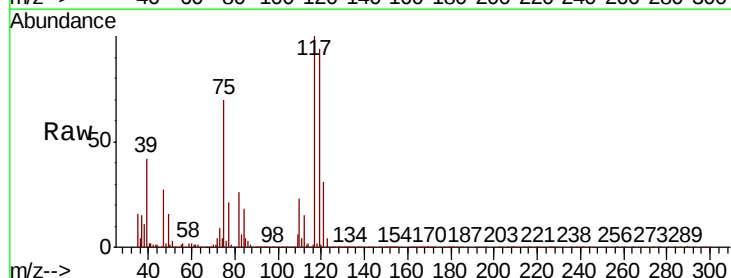
Manual Integrations
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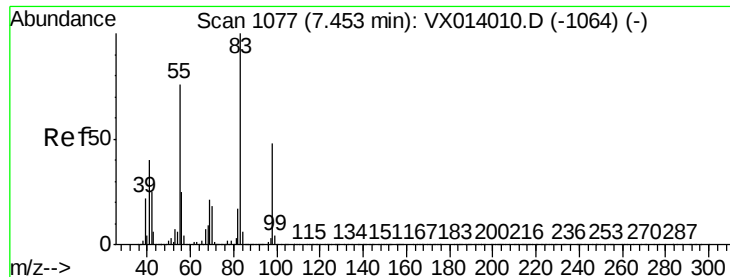
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#38
Carbon Tetrachloride
Concen: 50.248 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.2	114.4
121	30.8	23.6	35.4





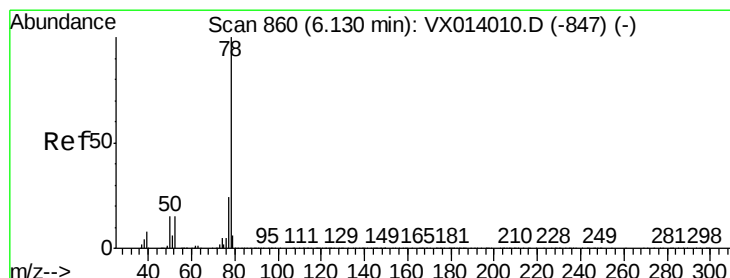
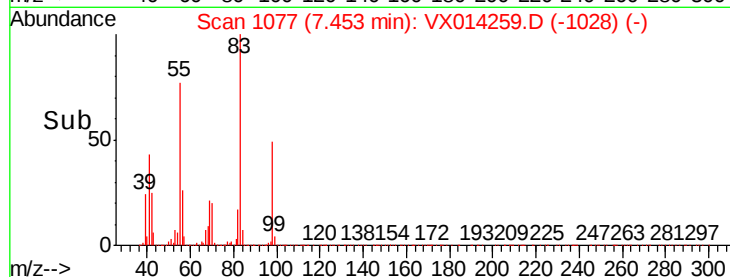
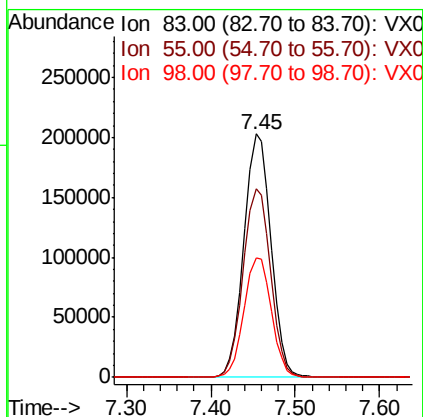
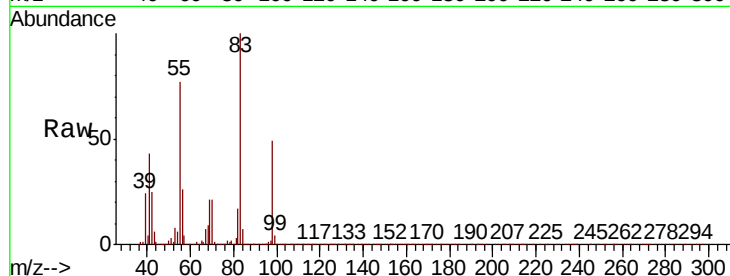
#39
Methvlcvclohexane
Concen: 49.678 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.0	91.6
98	49.0	38.6	57.8

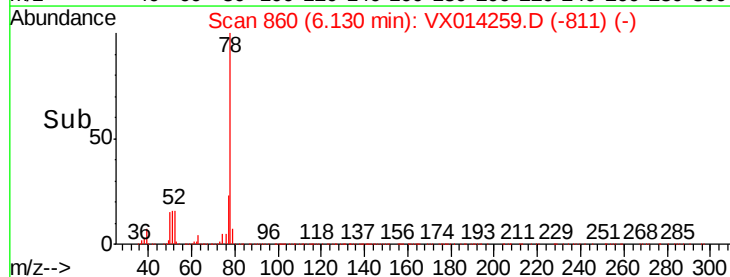
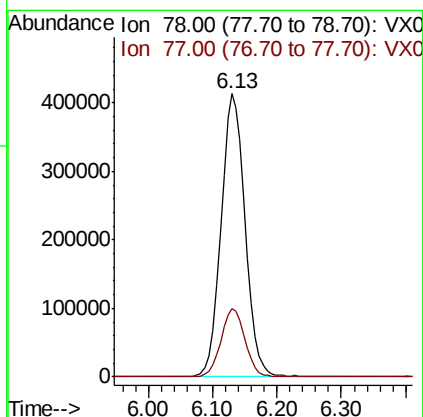
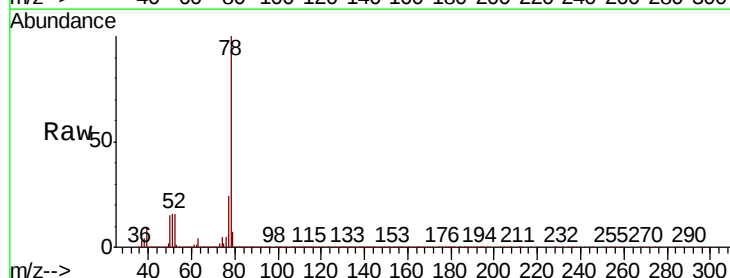
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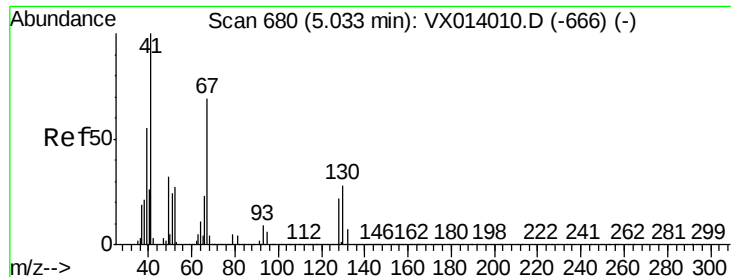
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#40
Benzene
Concen: 49.062 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





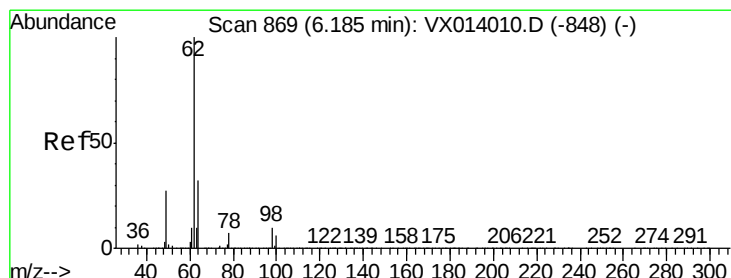
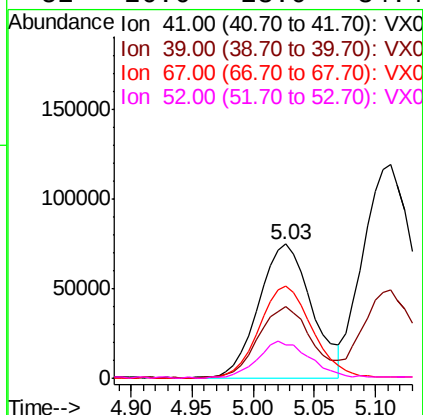
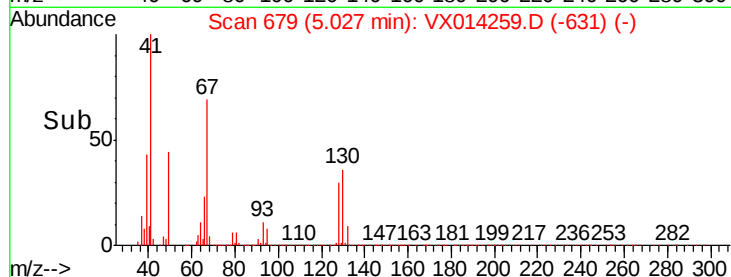
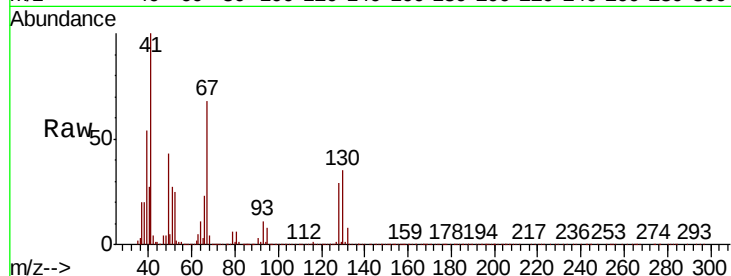
#41
Methacrylonitrile
Concen: 51.360 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		225862		
39	51.9	44.5	66.7		
67	68.5	57.4	86.0		
52	26.6	23.0	34.4		

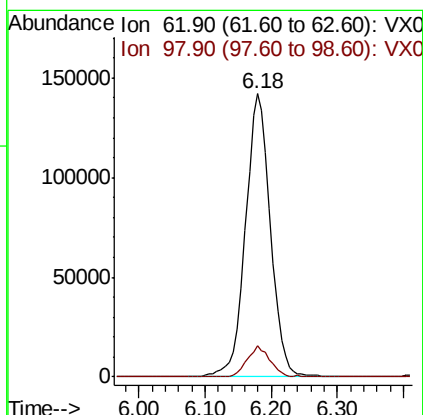
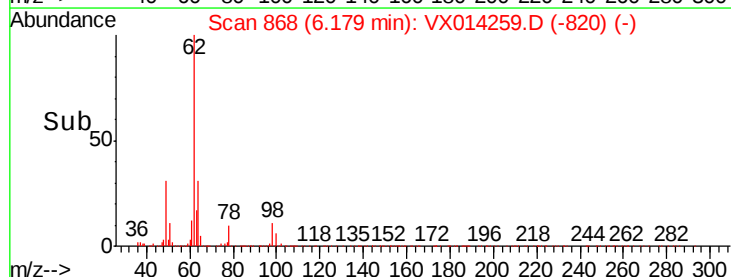
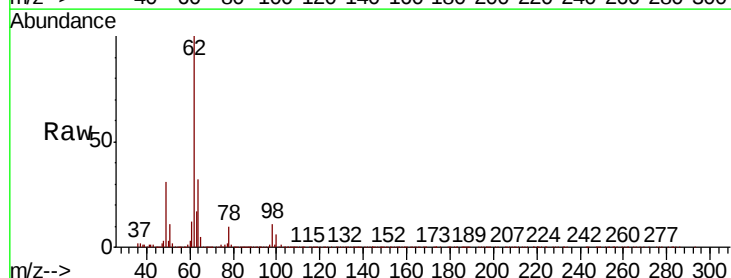
Manual Integrations
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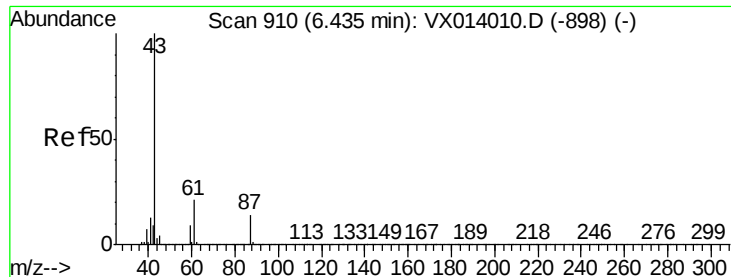
apatel
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#42
1,2-Dichloroethane
Concen: 49.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		371865		
98	10.2	0.0	21.0		





#43

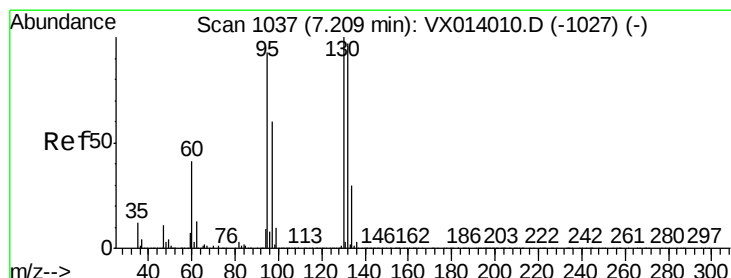
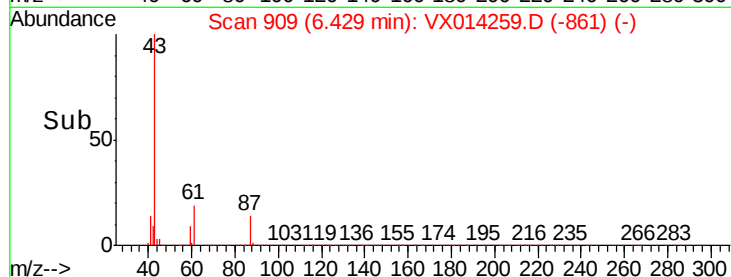
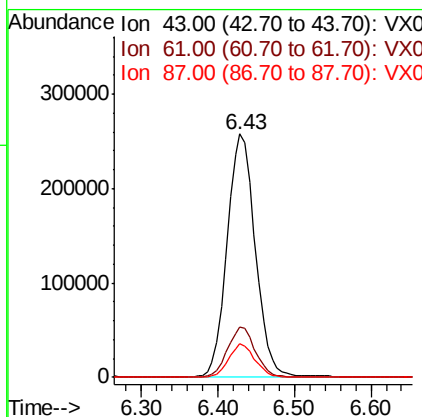
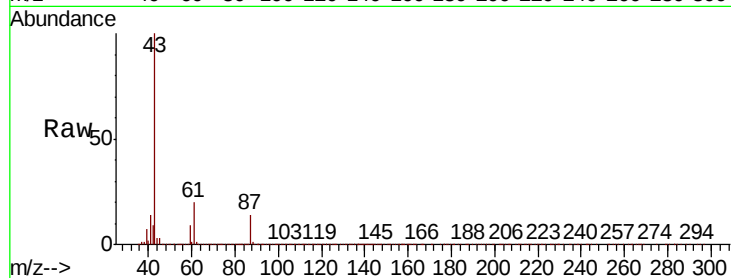
Isopropyl Acetate
 Concen: 49.975 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	655502
Ion Ratio	100	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	13.0	10.7	16.1

Manual Integrations
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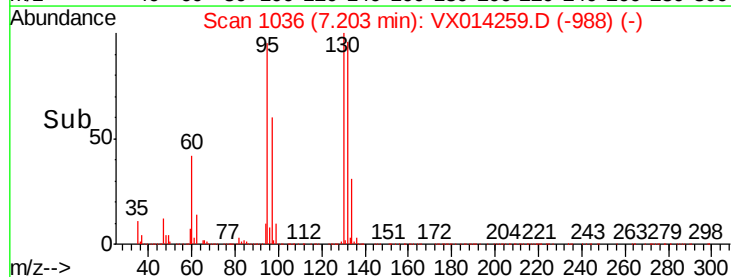
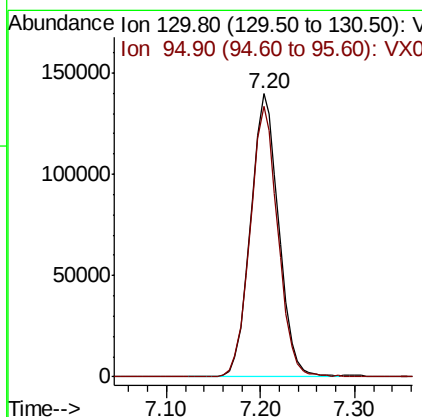
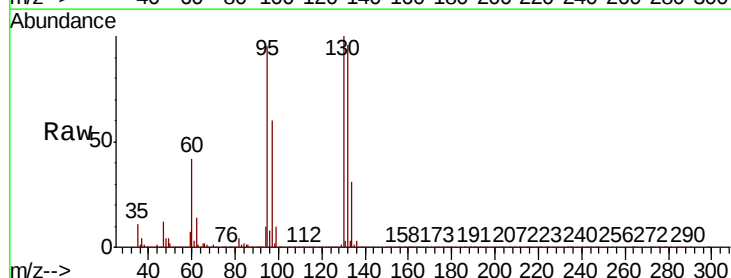
apatel
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#44

Trichloroethene
 Concen: 48.112 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion	130	Resp	293470
Ion Ratio	100	Lower	Upper
130	100		
95	95.3	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.472 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 285686

Ion Ratio Lower Upper

63 100

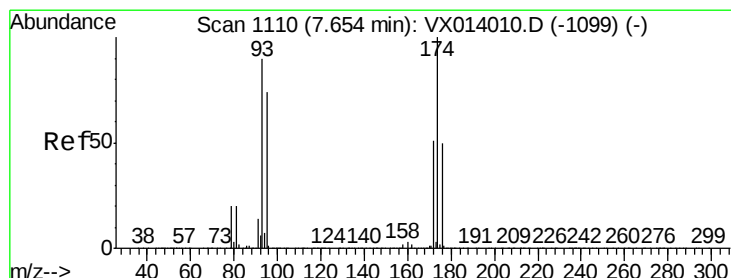
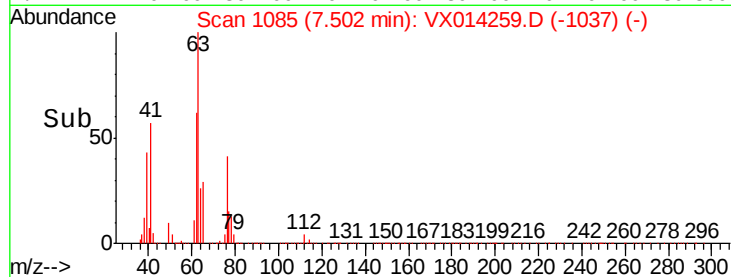
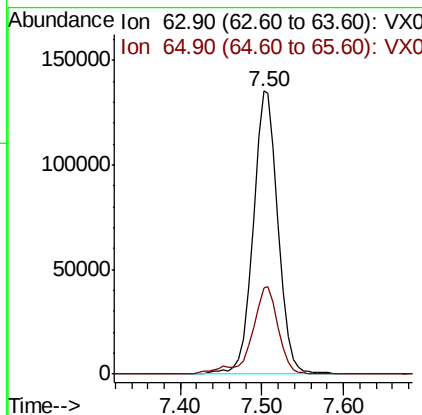
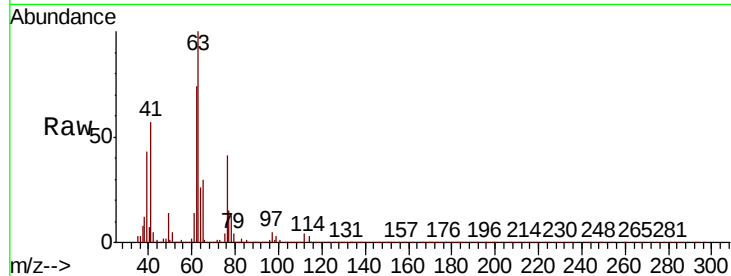
65 30.2 25.8 38.8

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#46

Dibromomethane

Concen: 48.059 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

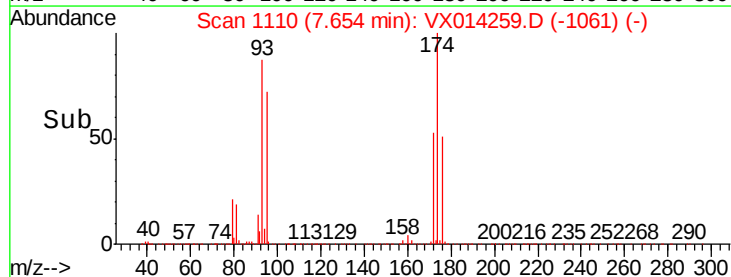
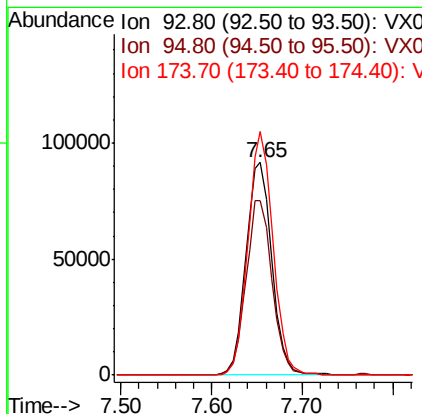
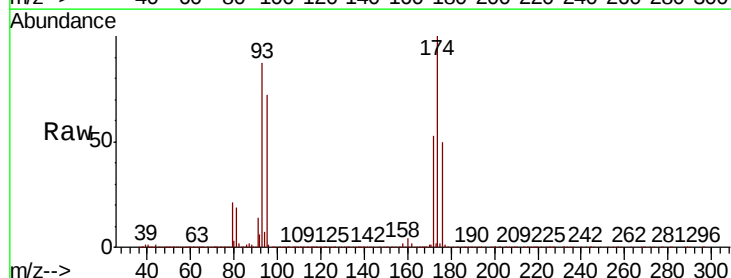
Tgt Ion: 93 Resp: 179851

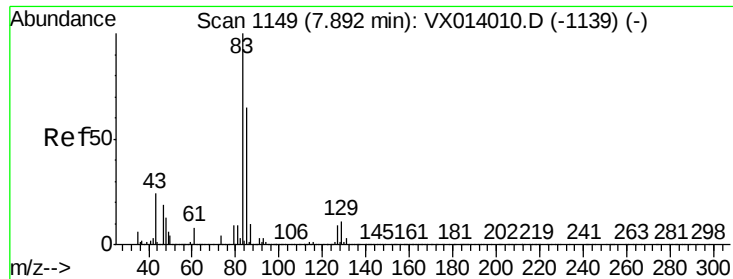
Ion Ratio Lower Upper

93 100

95 83.9 67.3 100.9

174 112.1 91.6 137.4





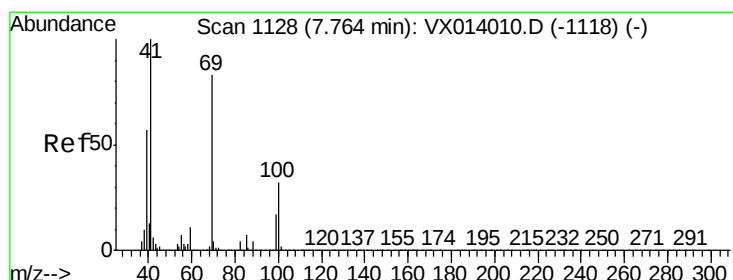
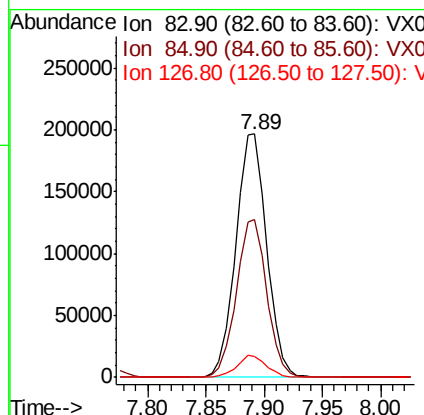
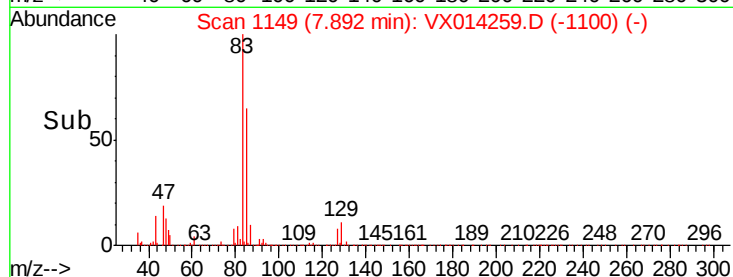
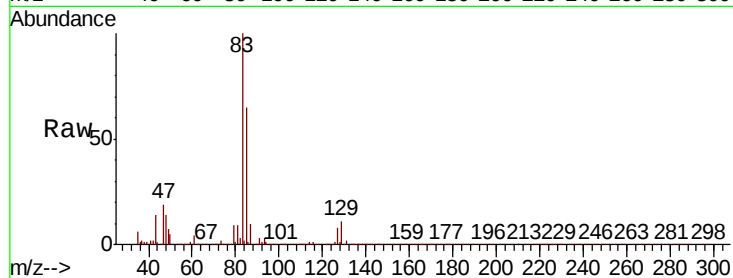
#47
Bromodichloromethane
Concen: 51.599 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	51.8	77.8	
127	8.3	7.0	10.4	

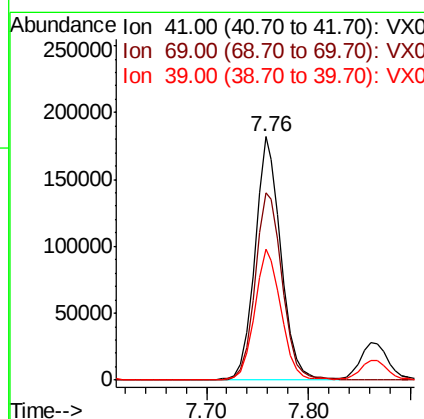
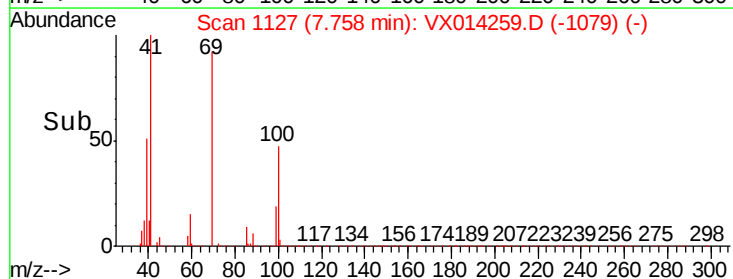
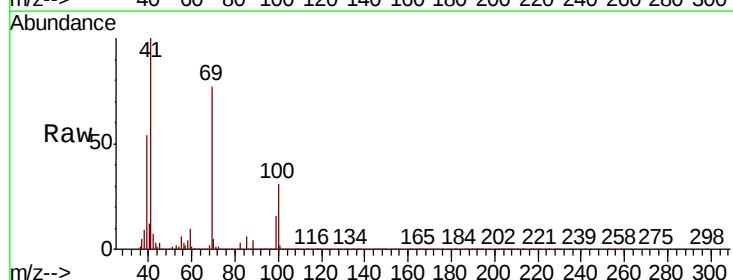
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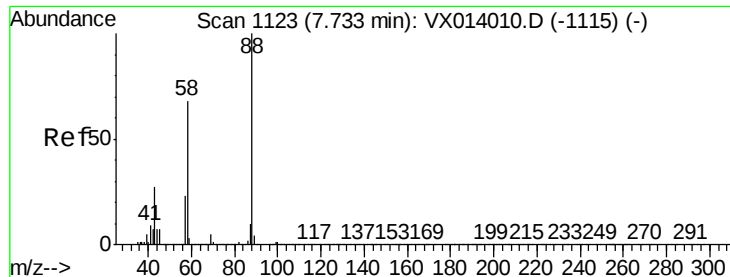
apatel
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#48
Methyl methacrylate
Concen: 50.461 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	80.3	65.8	98.6	
39	53.6	44.6	67.0	





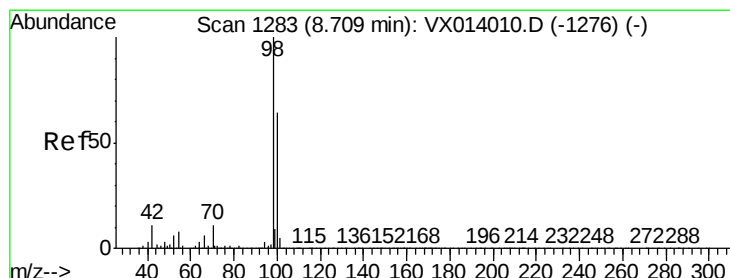
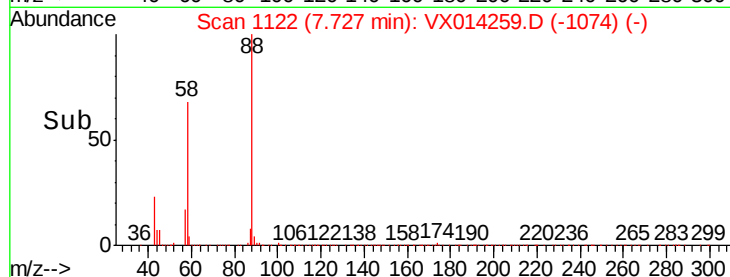
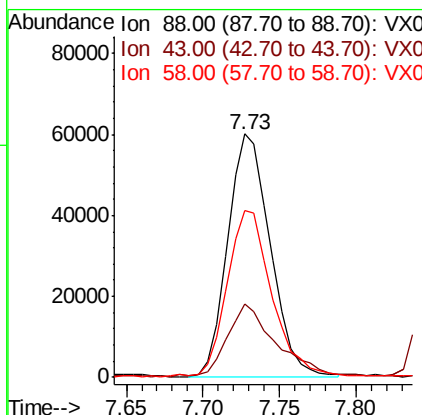
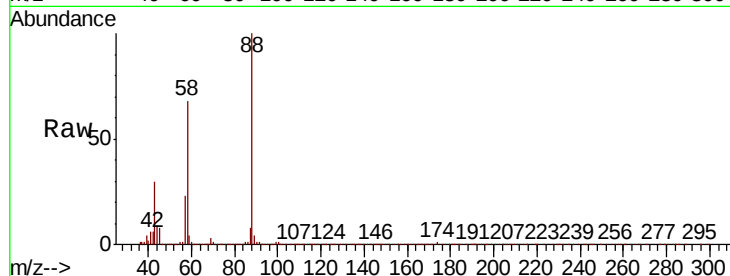
#49
1,4-Dioxane
Concen: 881.867 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.5	39.7
58	71.6	56.8	85.2

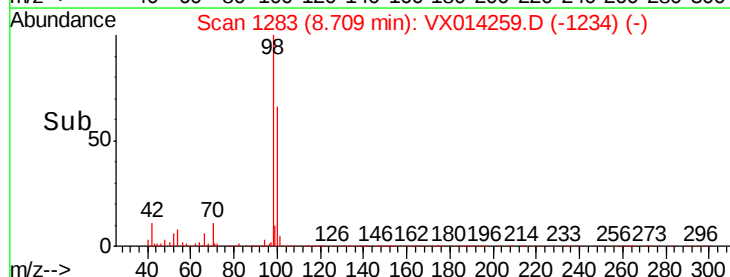
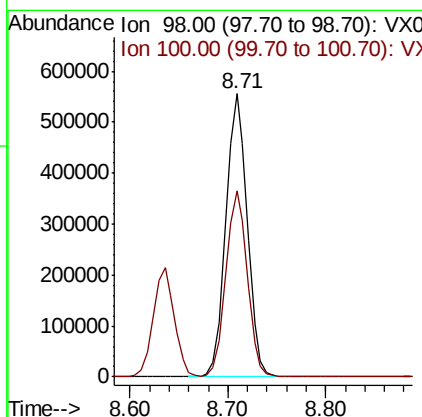
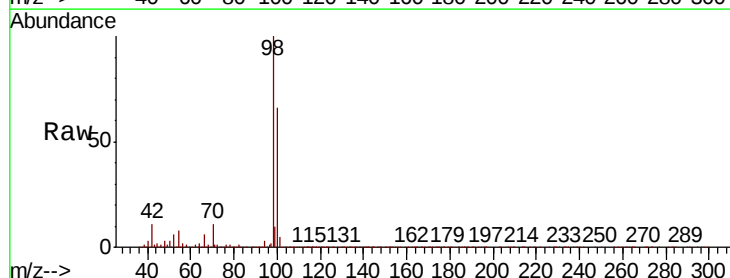
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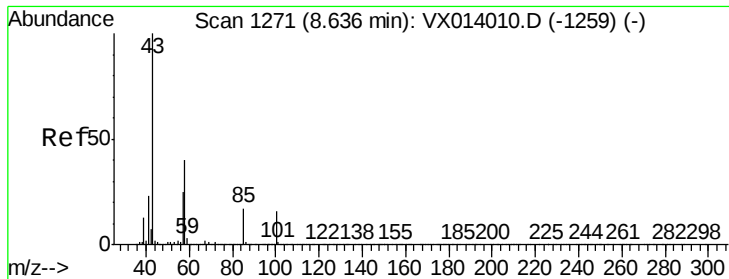
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#50
Toluene-d8
Concen: 45.406 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 246.356 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tot Ion: 43 Resp: 2029374

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.2

Instrument :

MSVOA_X

ClientSampleId :

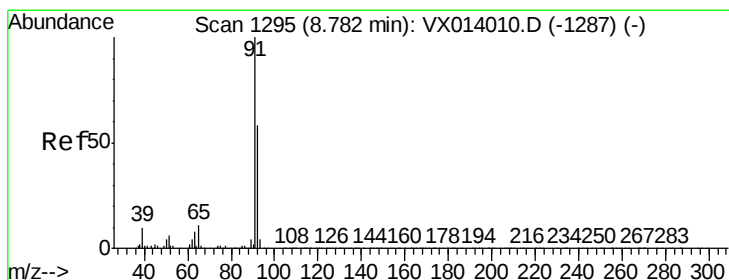
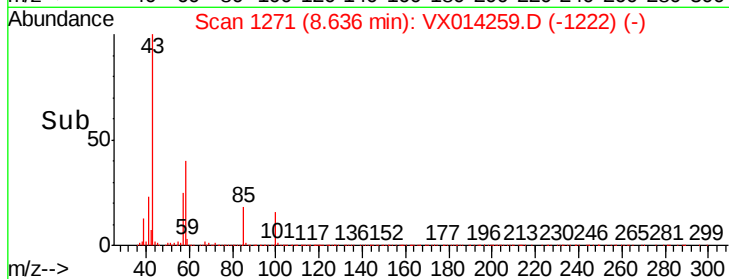
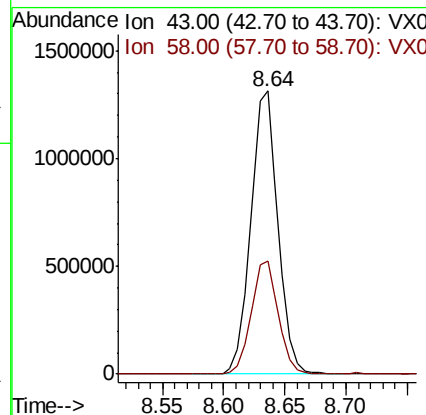
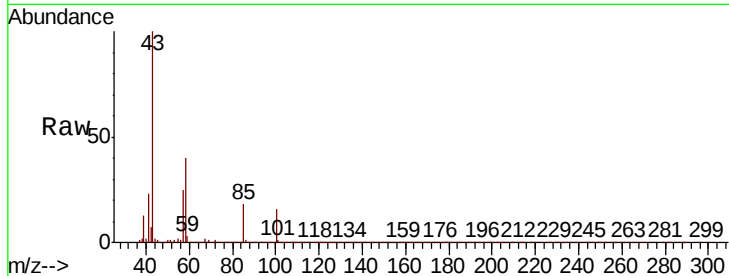
VSTDCCC050

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#52

Toluene

Concen: 48.848 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014259.D

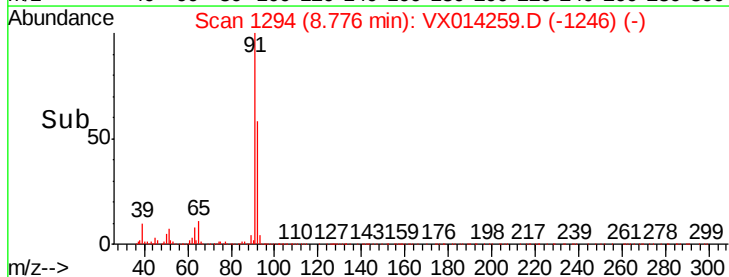
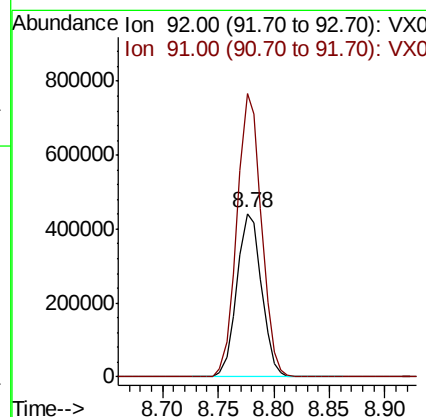
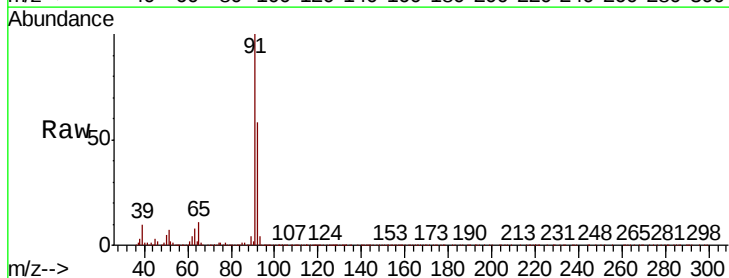
Acq: 26 Dec 2019 10:46

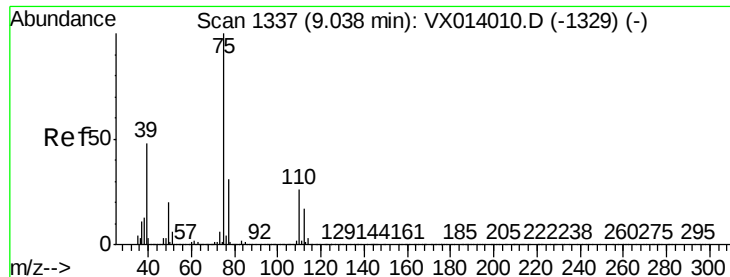
Tgt Ion: 92 Resp: 681847

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.764 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 400041

Ion Ratio Lower Upper

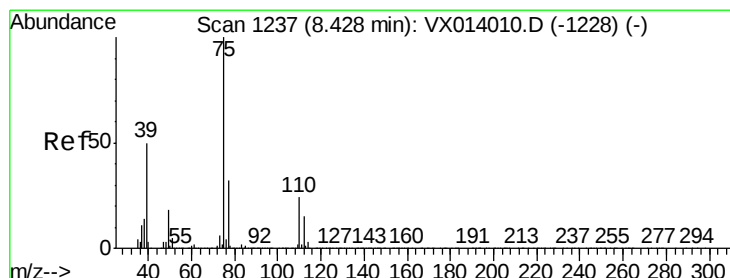
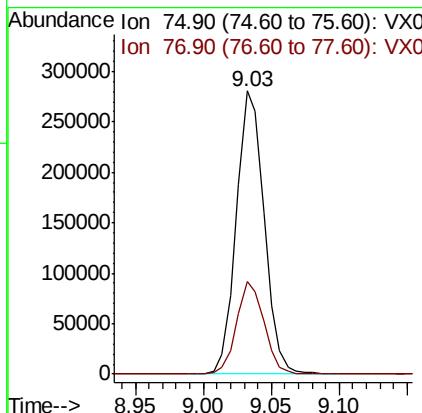
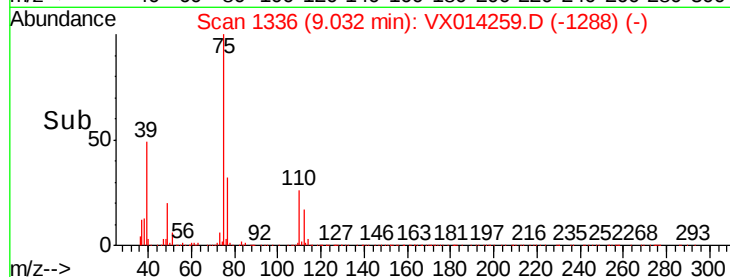
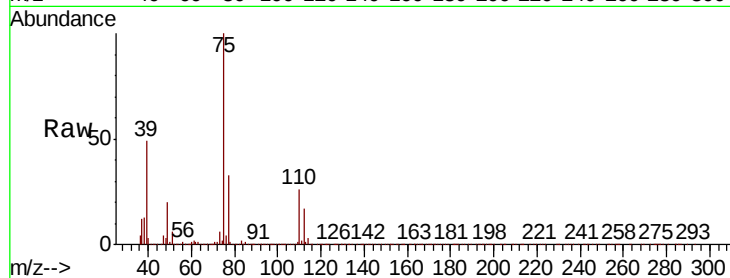
75 100

77 32.5 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 52.417 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

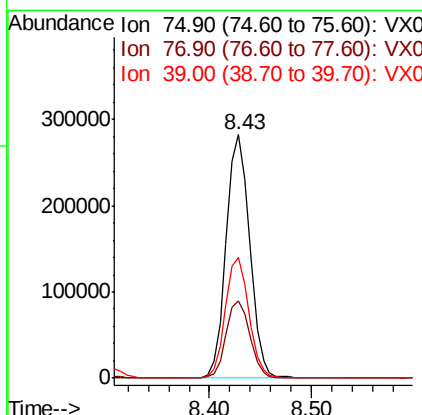
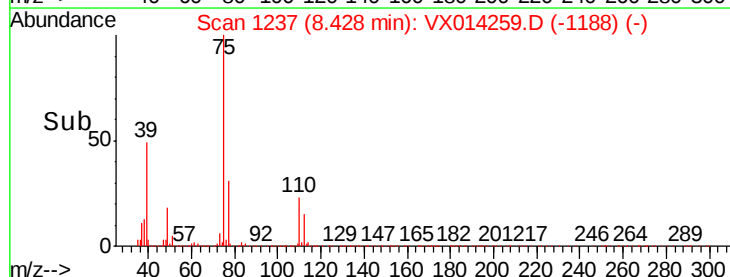
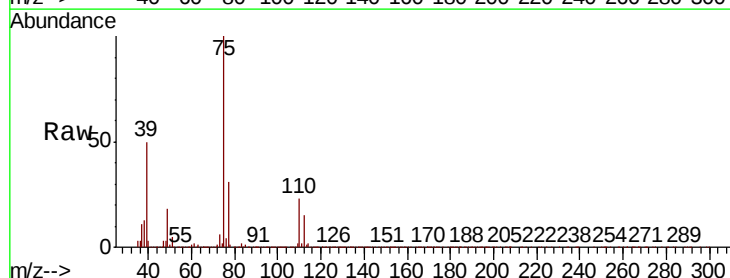
Tgt Ion: 75 Resp: 451295

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 49.4 39.9 59.9





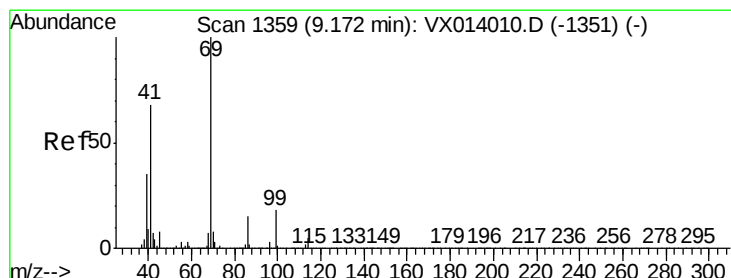
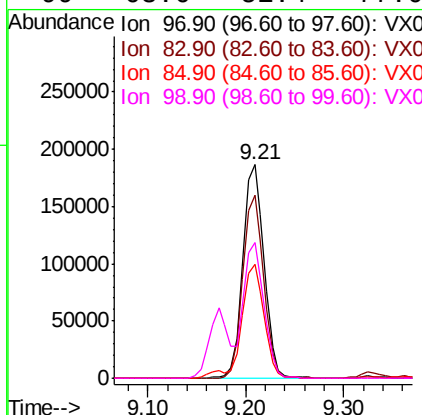
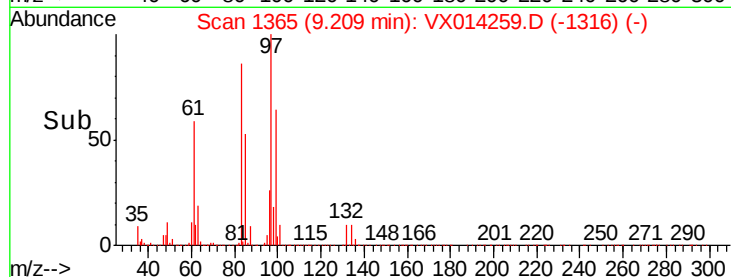
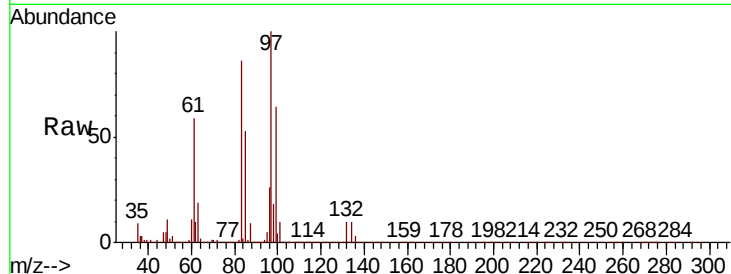
#55
 1,1,2-Trichloroethane
 Concen: 49.937 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	279367
Ion Ratio	Lower	Upper	
97	100		
83	85.8	68.2	102.4
85	53.1	44.6	66.8
99	63.6	51.4	77.0

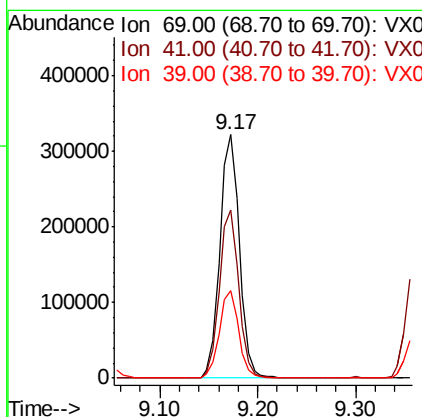
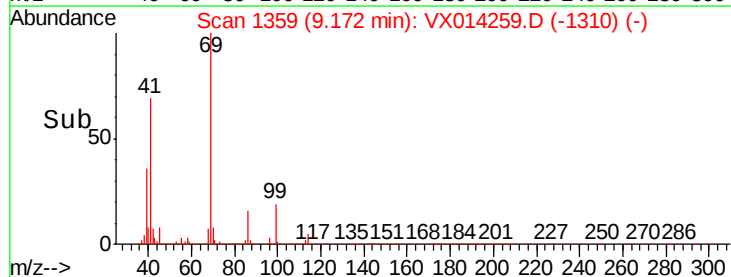
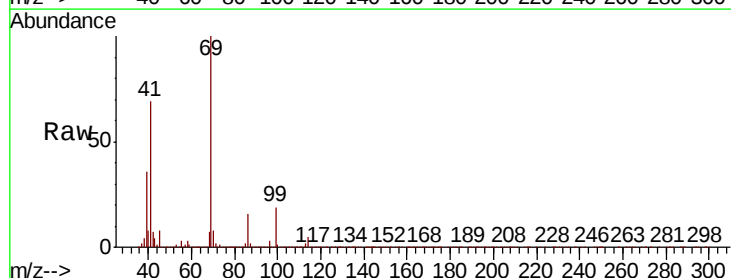
Manual Integrations
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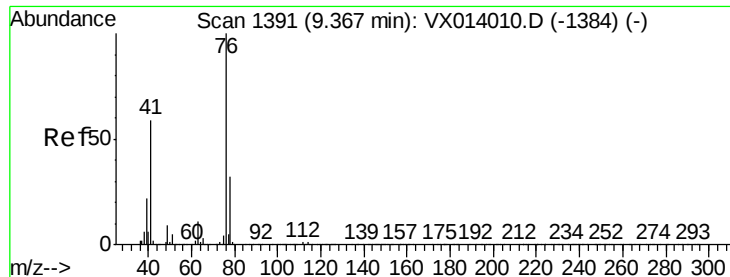
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#56
 Ethyl methacrylate
 Concen: 50.704 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion:	69	Resp:	445582
Ion Ratio	Lower	Upper	
69	100		
41	68.3	54.8	82.2
39	35.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.071 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 471296

Ion Ratio Lower Upper

76 100

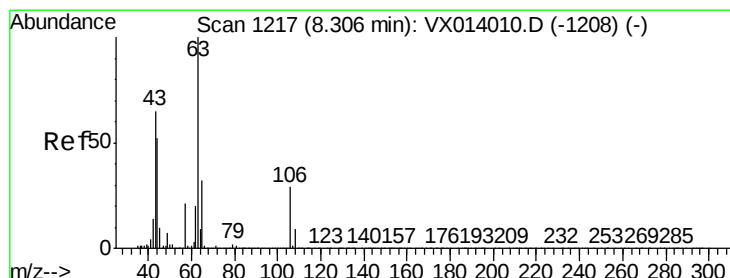
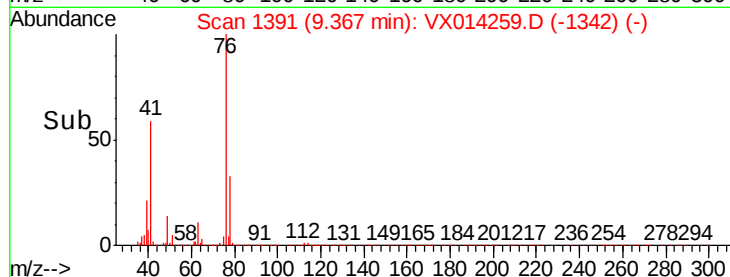
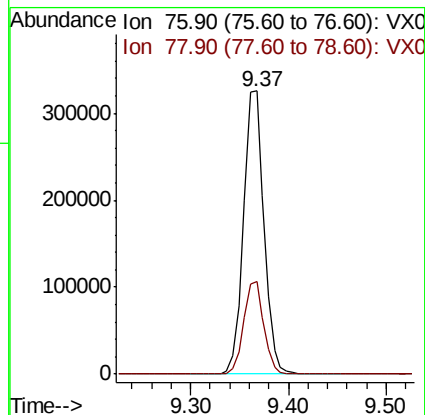
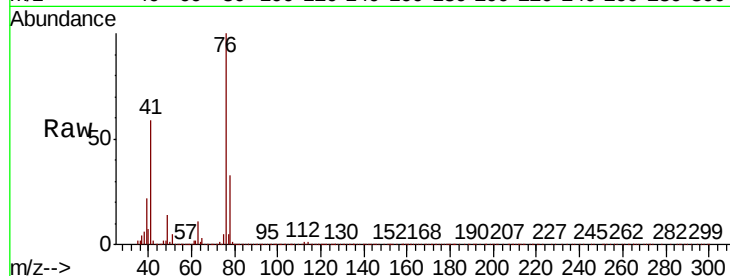
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 265.501 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014259.D

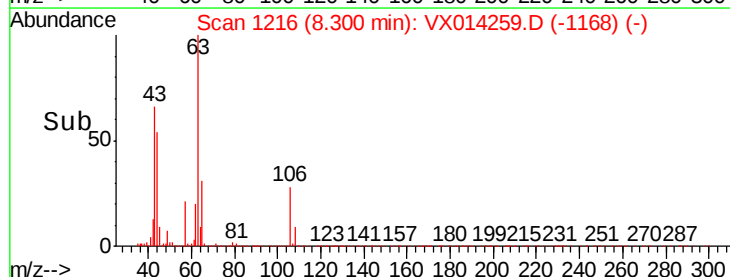
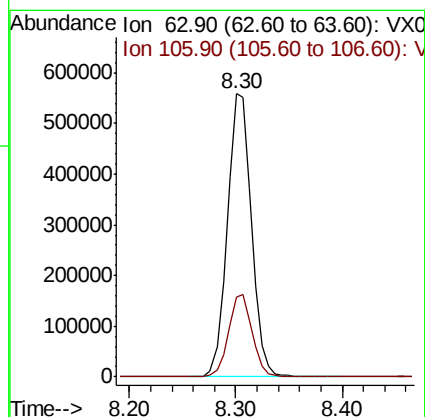
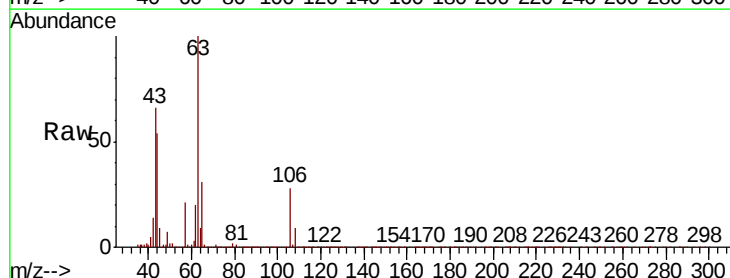
Acq: 26 Dec 2019 10:46

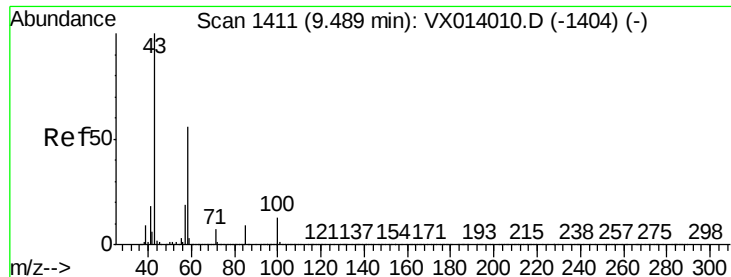
Tgt Ion: 63 Resp: 882962

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





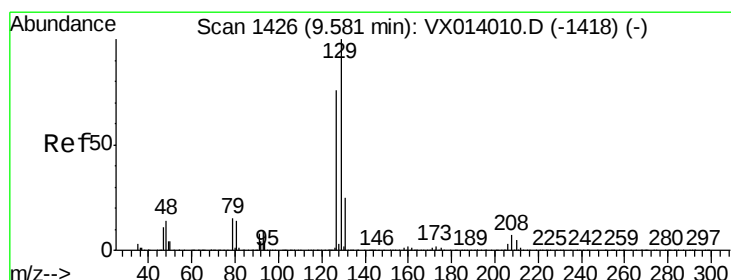
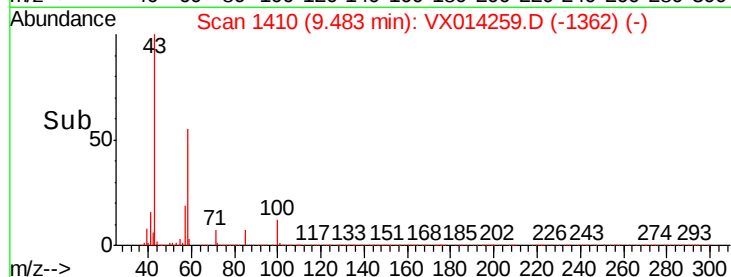
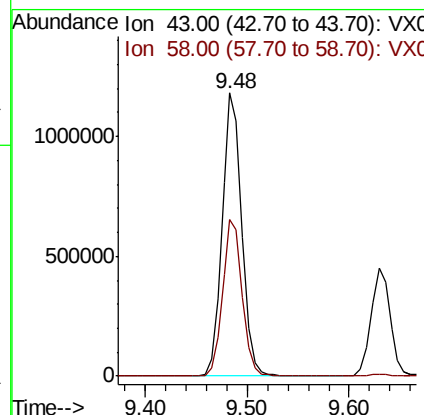
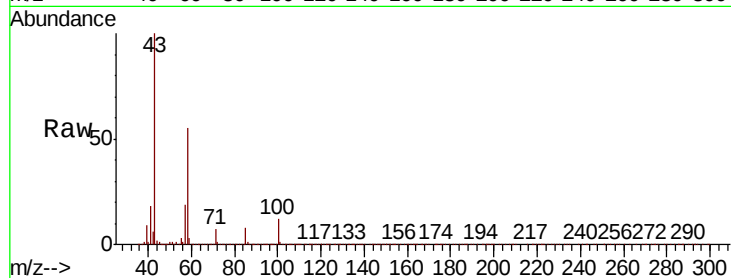
#59
2-Hexanone
Concen: 239.748 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1589832
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

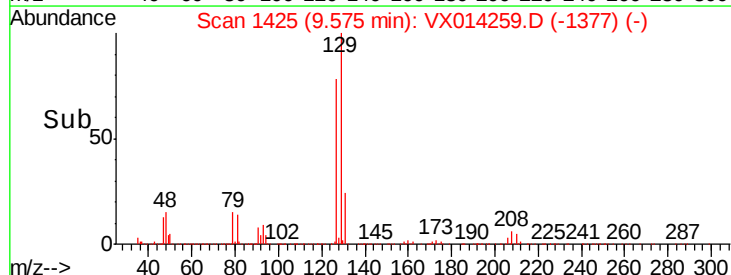
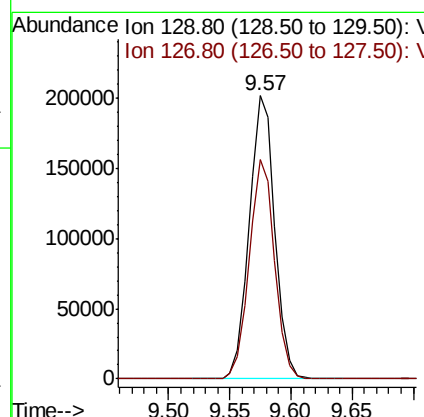
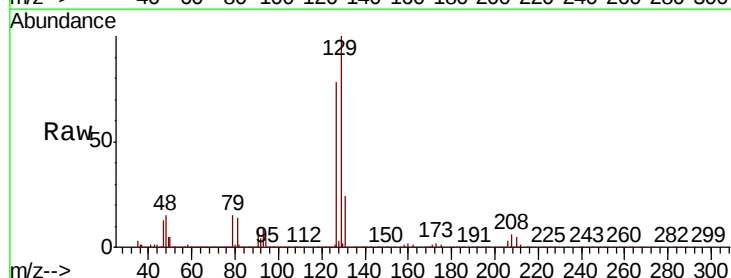
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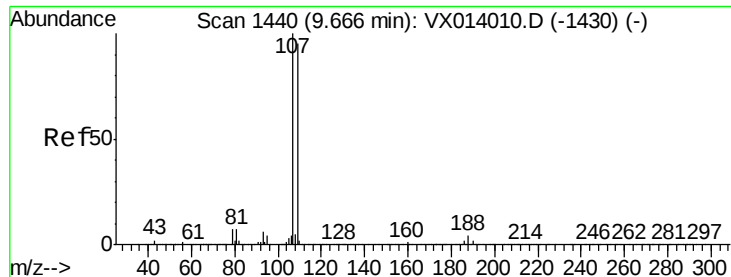
apatel
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#60
Dibromochloromethane
Concen: 52.437 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 129 Resp: 291594
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.510 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 283394

Ion Ratio Lower Upper

107 100

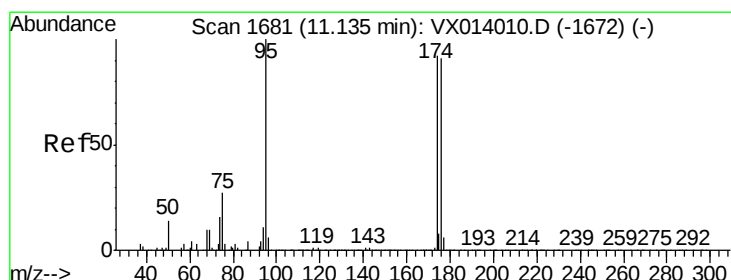
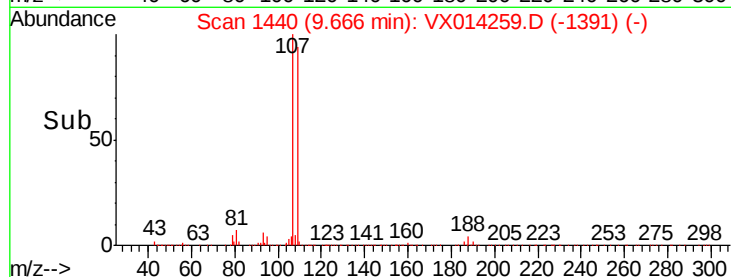
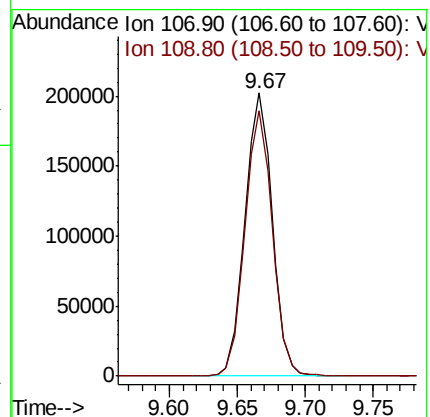
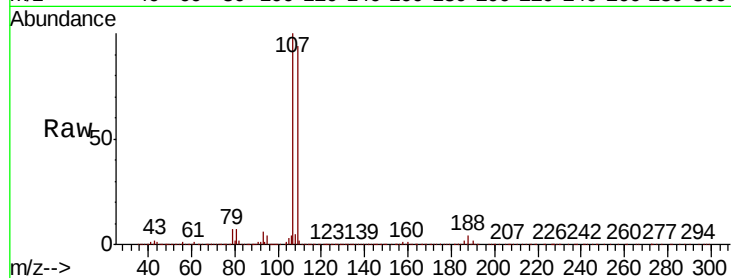
109 94.2 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 44.468 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

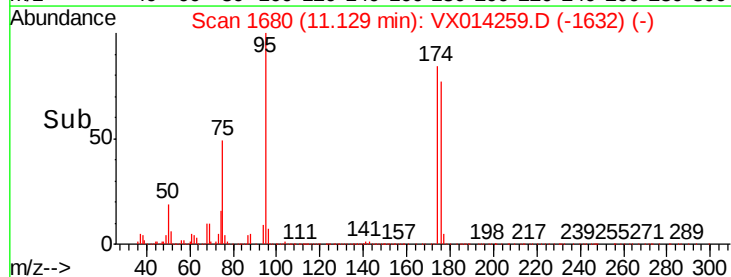
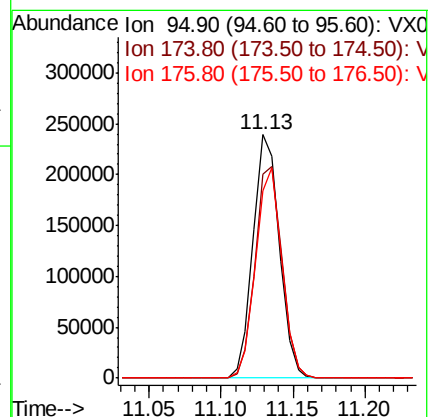
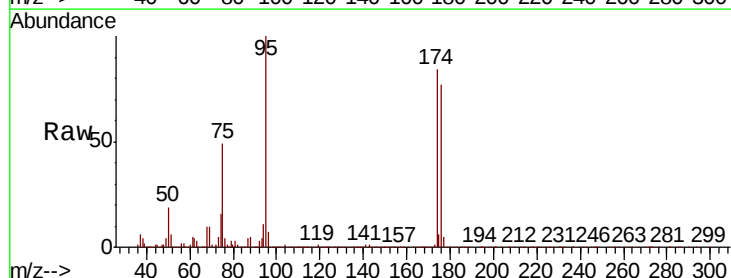
Tgt Ion: 95 Resp: 300923

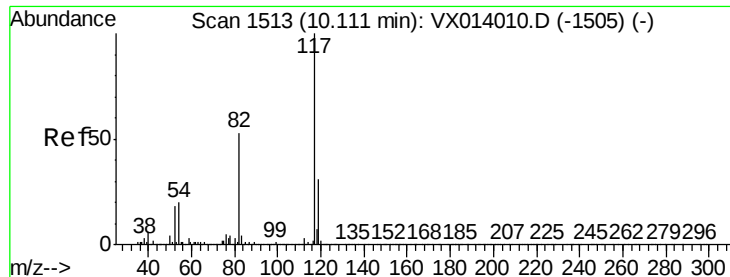
Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.8

176 86.0 0.0 173.0





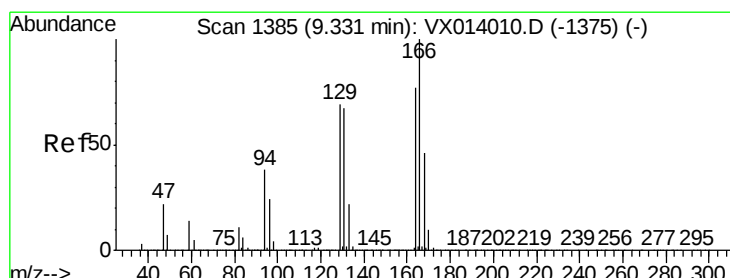
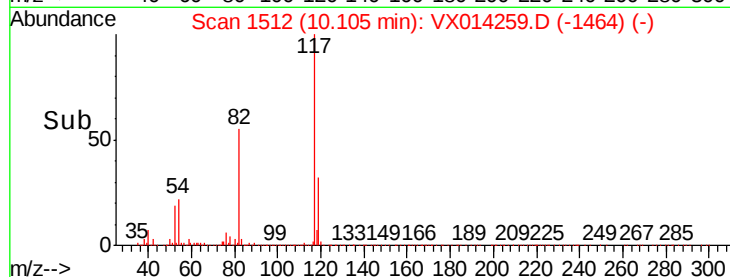
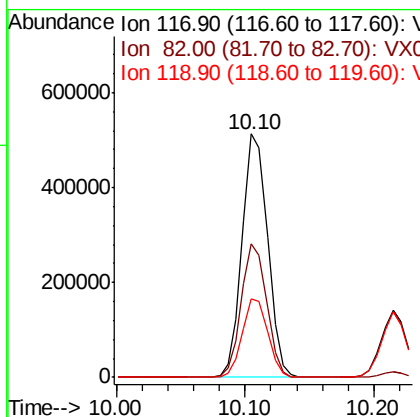
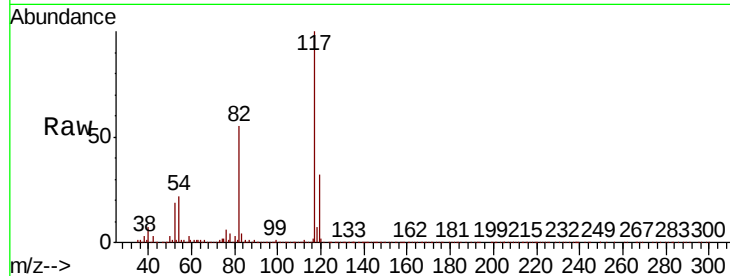
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	705002		
82	54.6		42.2	63.4
119	32.3		25.1	37.7

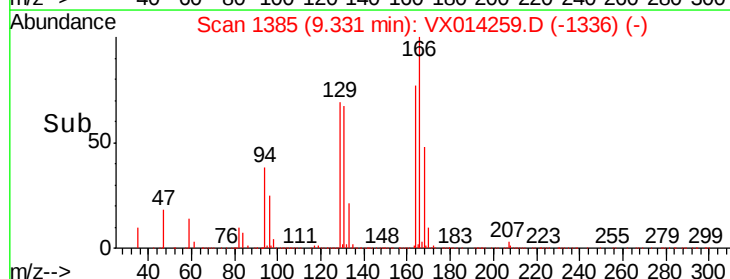
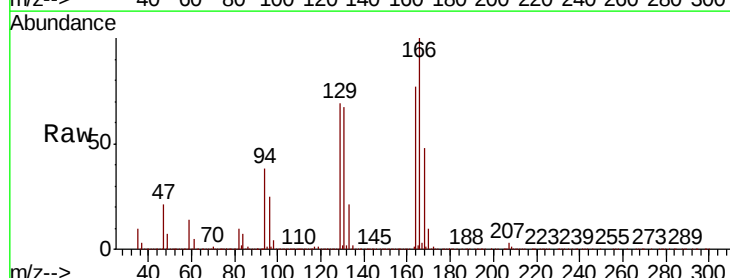
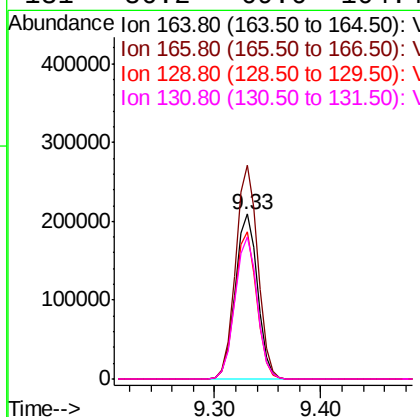
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#64
Tetrachloroethene
Concen: 49.300 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307554		
166	129.4		104.0	156.0
129	89.5		72.2	108.4
131	86.2		69.6	104.4





#65

Chlorobenzene

Concen: 49.025 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 734892

Ion Ratio Lower Upper

112 100

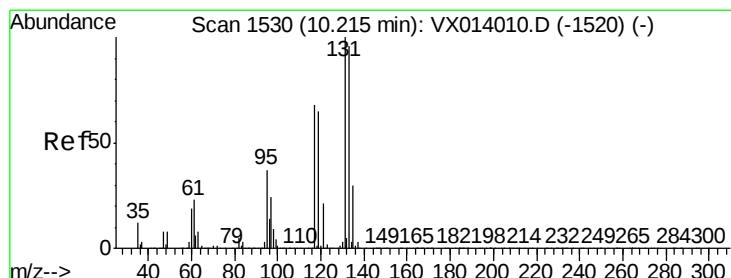
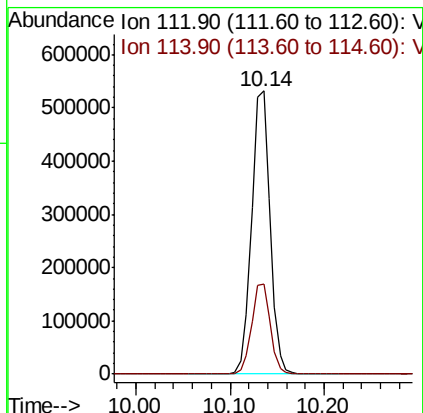
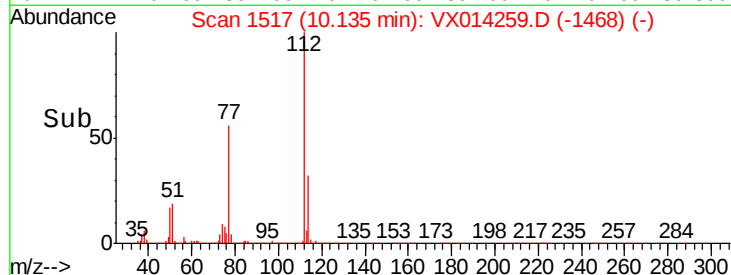
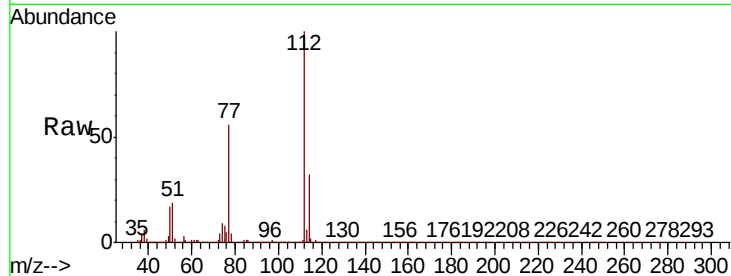
114 32.0 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.343 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

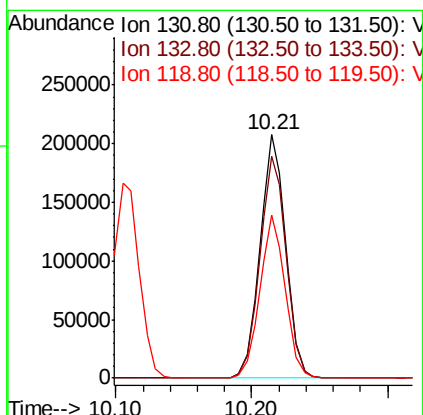
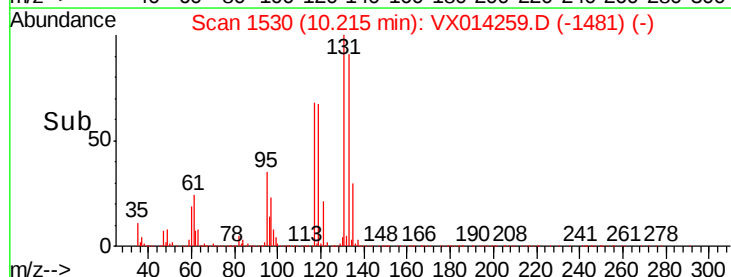
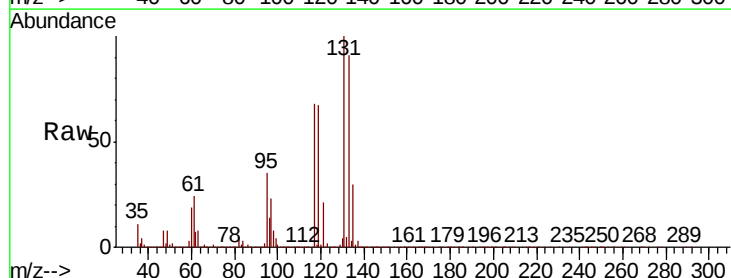
Tgt Ion:131 Resp: 274806

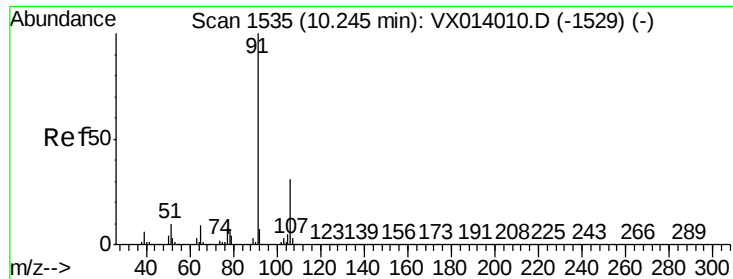
Ion Ratio Lower Upper

131 100

133 93.3 48.0 144.0

119 66.2 33.4 100.2





#67

Ethyl Benzene

Concen: 50.464 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1300524

Ion Ratio Lower Upper

91 100

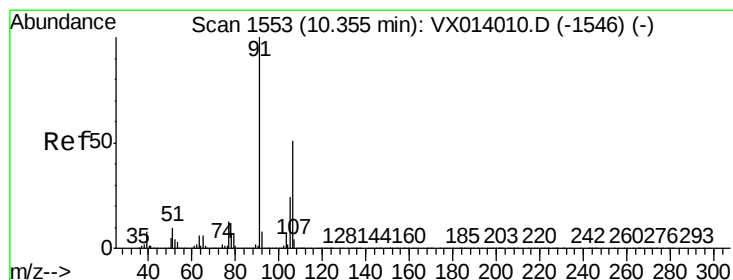
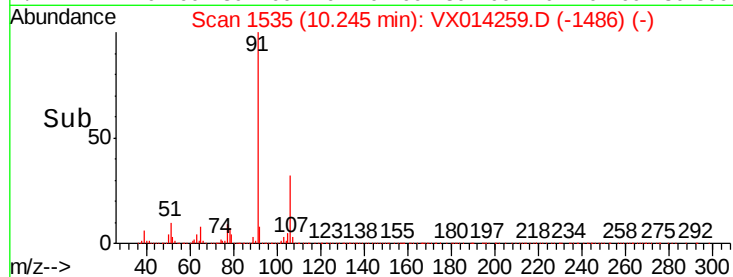
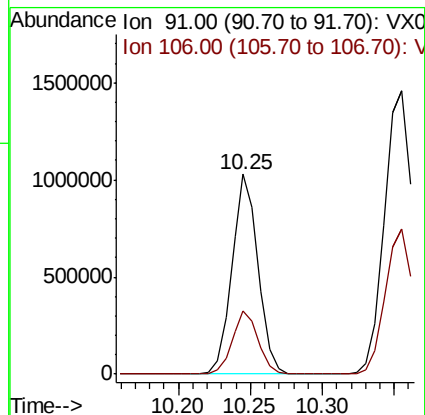
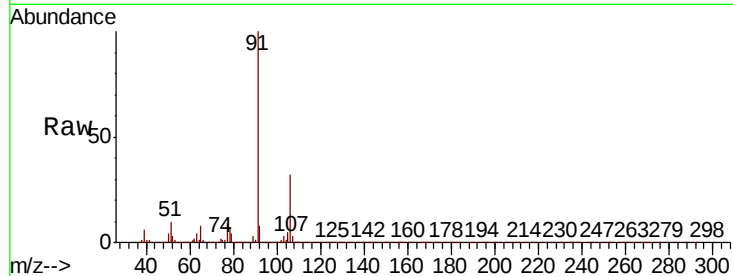
106 31.8 25.0 37.6

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#68

m/p-Xylenes

Concen: 100.167 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014259.D

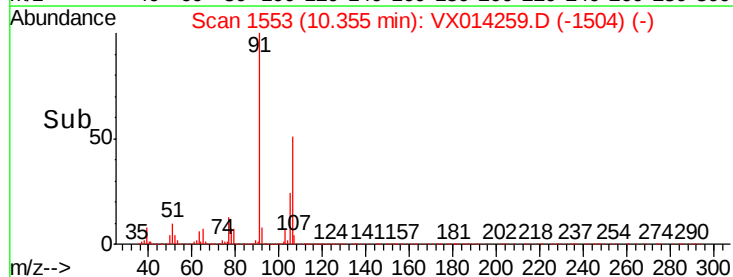
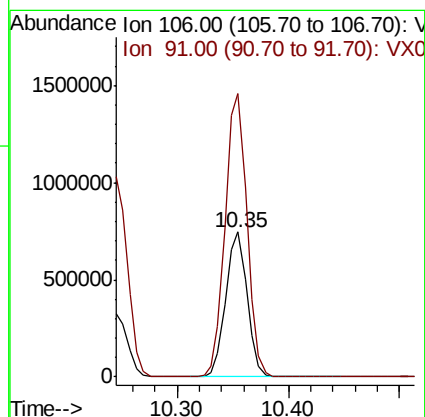
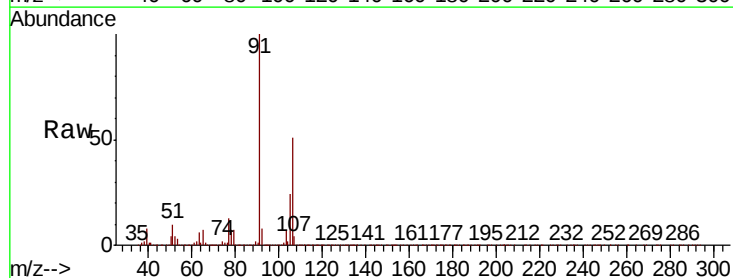
Acq: 26 Dec 2019 10:46

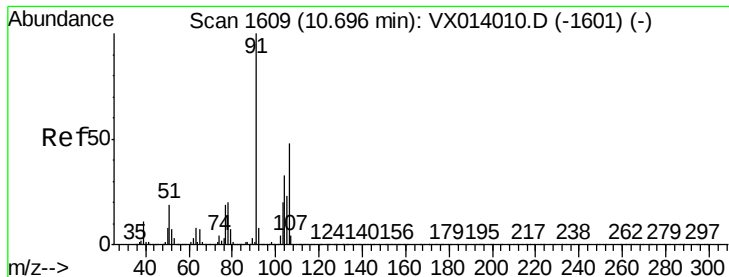
Tgt Ion: 106 Resp: 992859

Ion Ratio Lower Upper

106 100

91 199.3 158.6 238.0





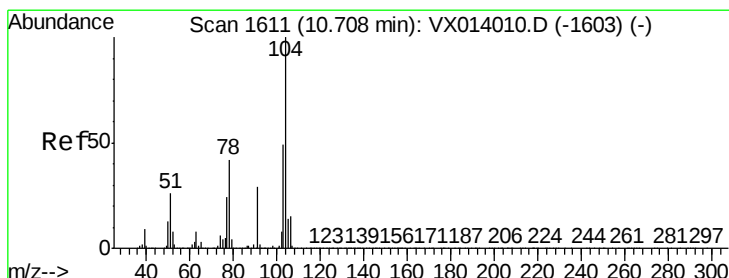
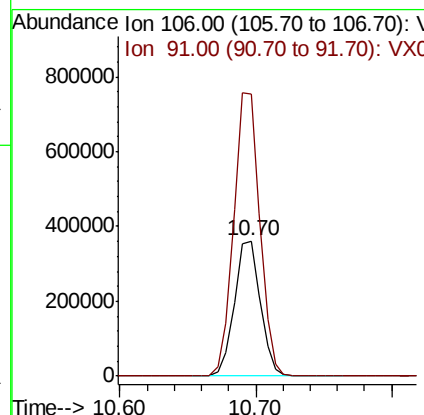
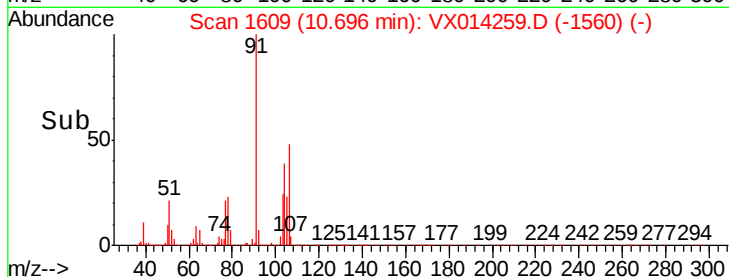
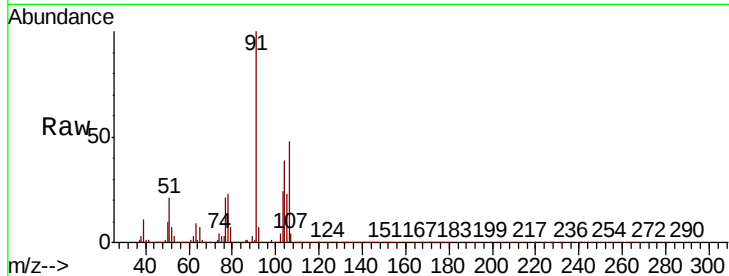
#69
o-Xylene
Concen: 49.185 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 478141
Ion Ratio Lower Upper
106 100
91 210.8 104.2 312.6

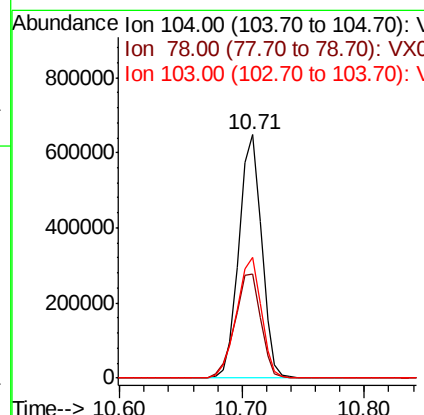
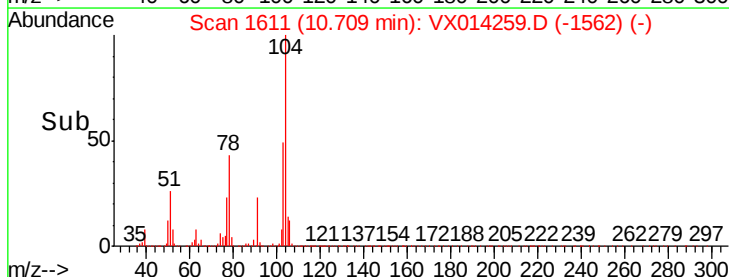
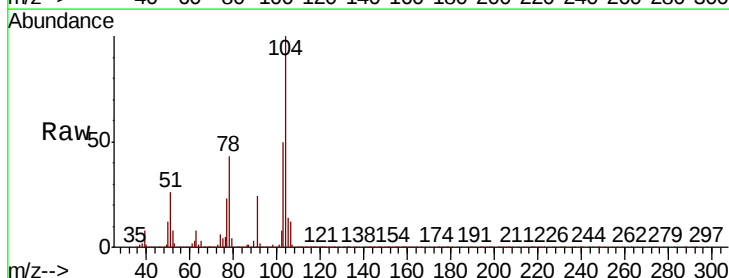
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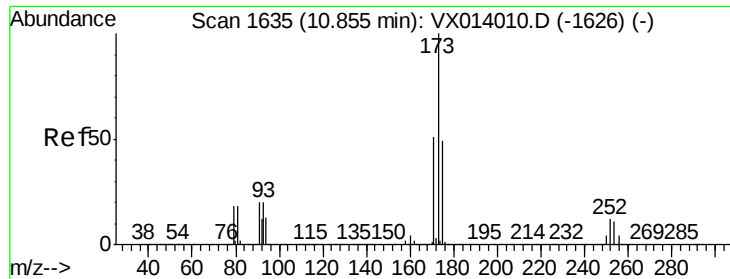
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#70
Styrene
Concen: 50.396 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:104 Resp: 828428
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 53.8 42.9 64.3





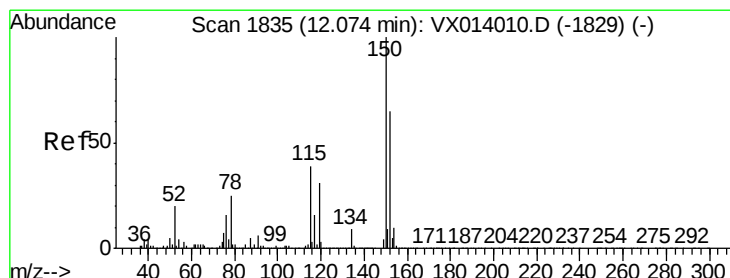
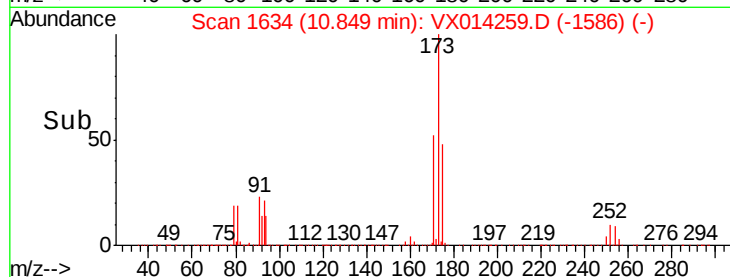
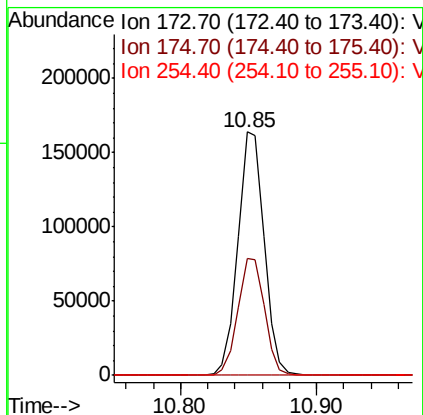
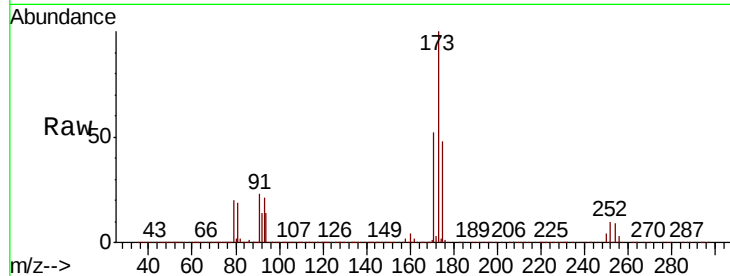
#71
Bromoform
Concen: 51.356 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.2	0.2	0.2

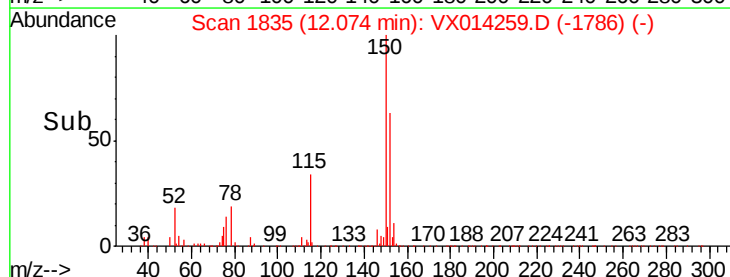
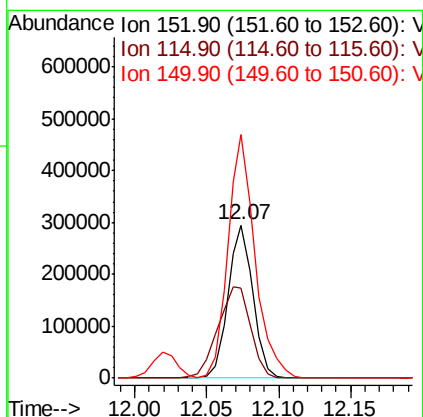
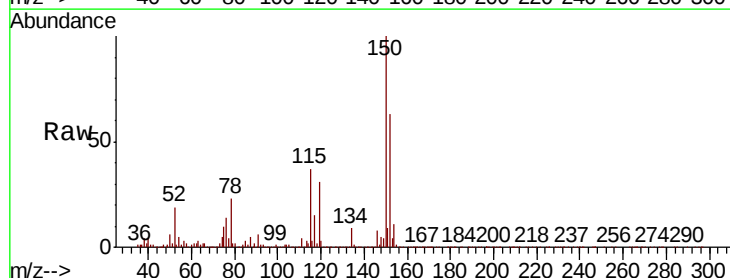
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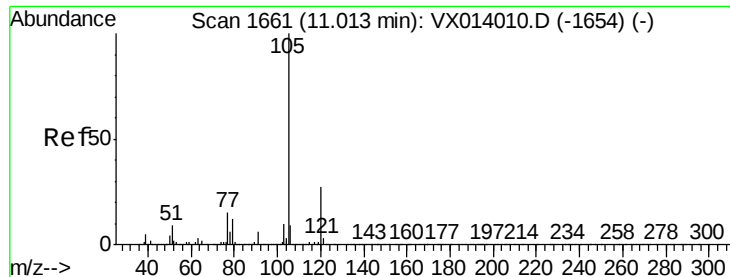
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.6	38.3	114.9
150	174.3	0.0	345.4





#73

Isopropylbenzene

Concen: 50.955 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1274321

Ion Ratio Lower Upper

105 100

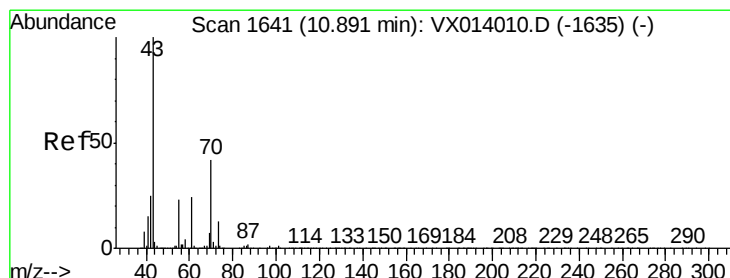
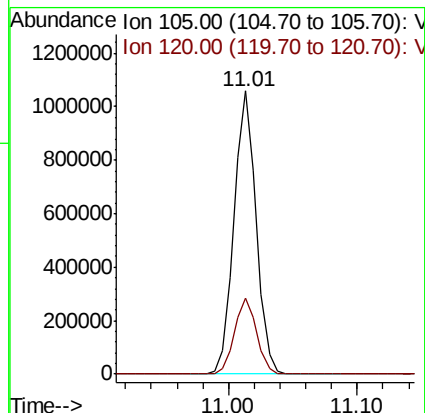
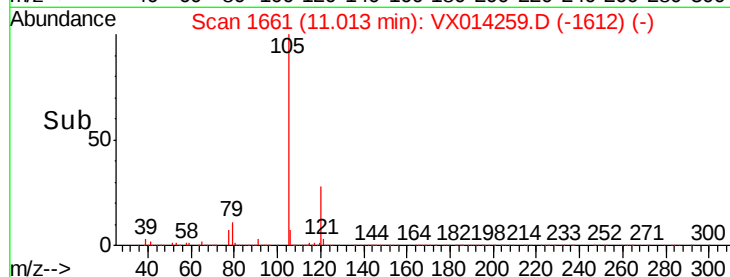
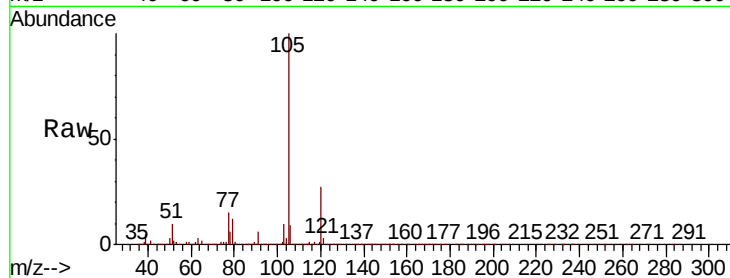
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.227 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion: 43 Resp: 577066

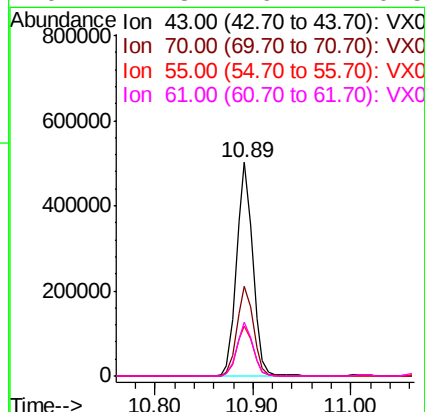
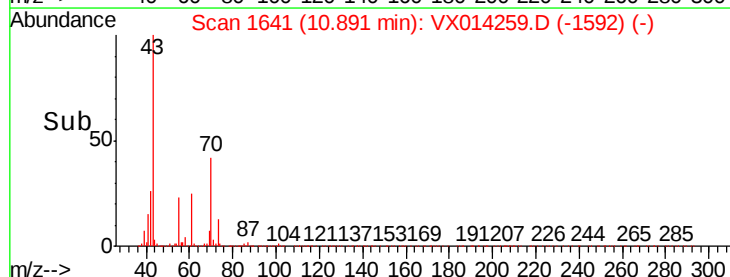
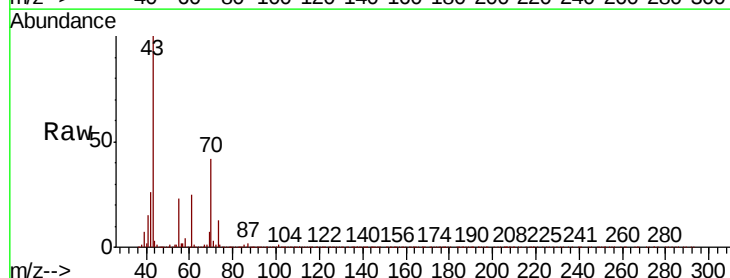
Ion Ratio Lower Upper

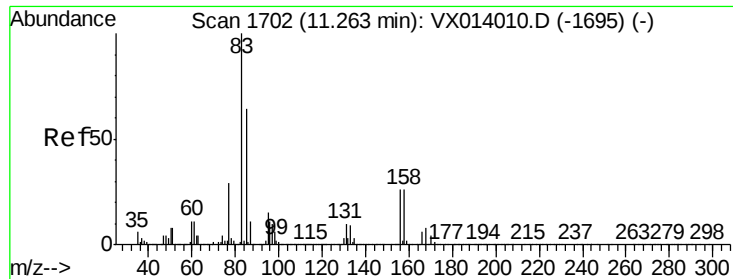
43 100

70 42.8 34.4 51.6

55 24.1 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.350 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

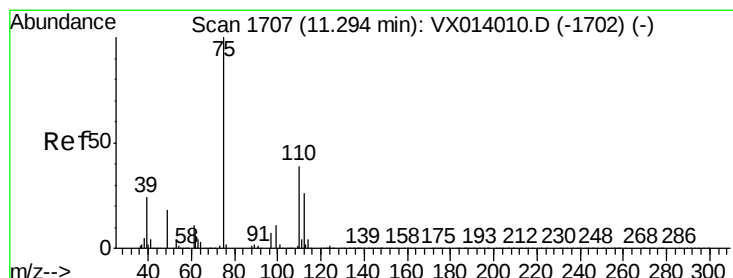
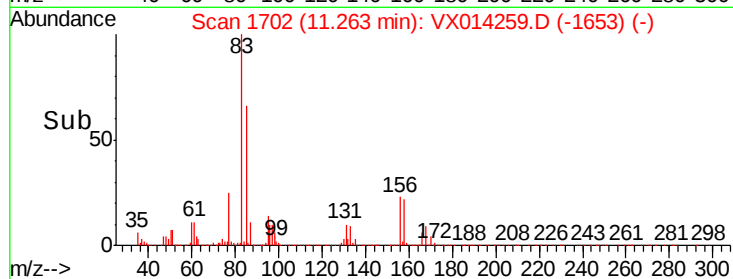
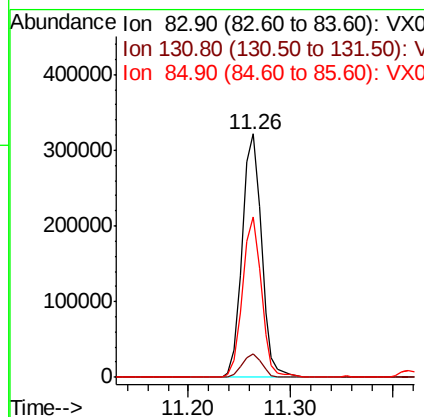
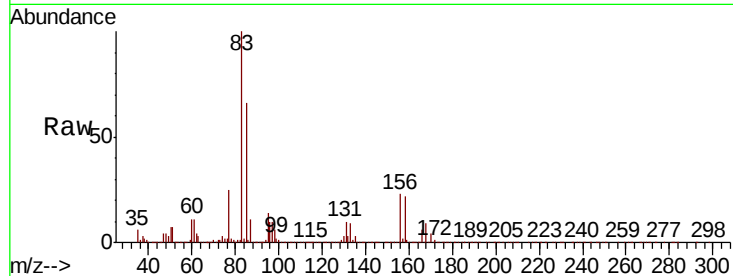
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	419205
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.454 ug/l m

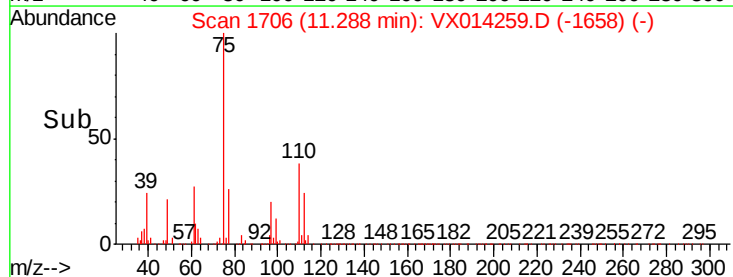
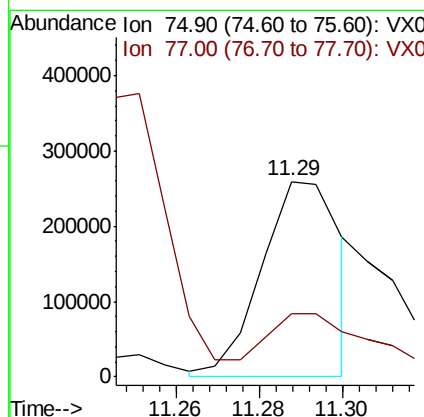
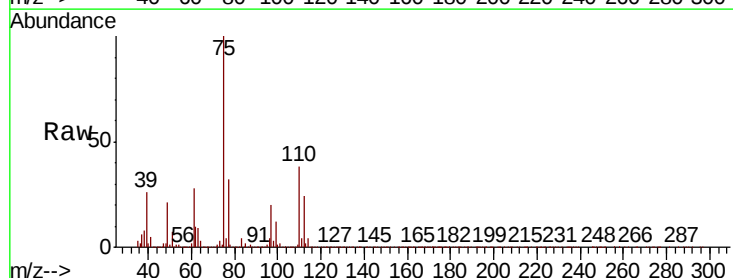
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	75	Resp:	342799
Ion Ratio	Lower	Upper	
75	100		
77	42.9	19.3	57.8





#77

Bromobenzene

Concen: 47.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

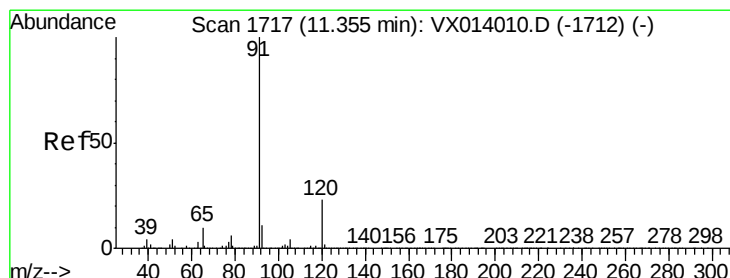
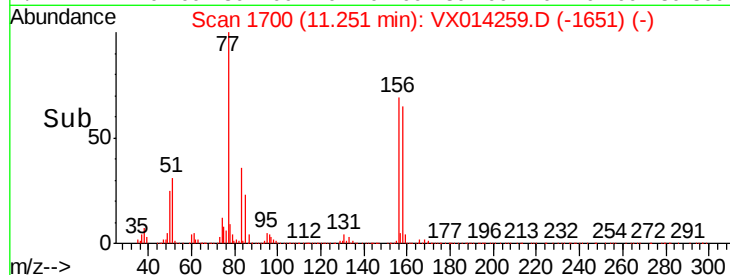
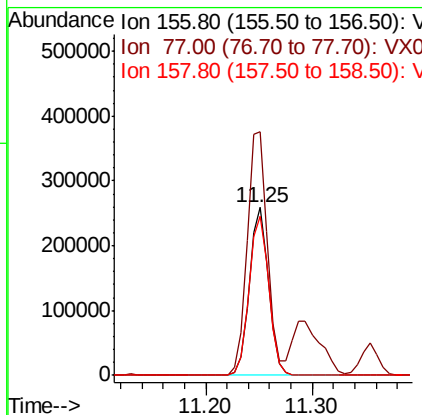
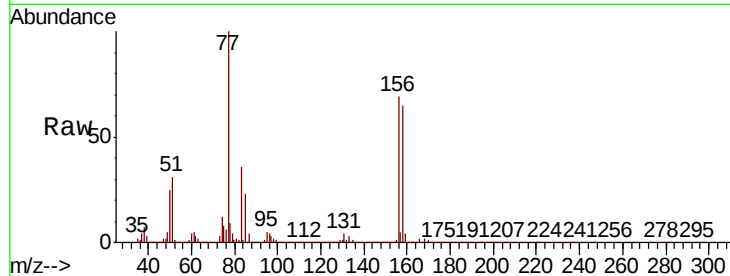
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	326886
Ion Ratio	Lower	Upper	
156	100		
77	152.0	76.5	229.5
158	97.5	49.3	147.9

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#78

n-propylbenzene

Concen: 52.162 ug/l

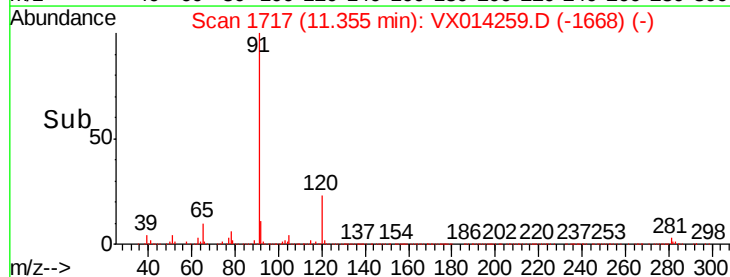
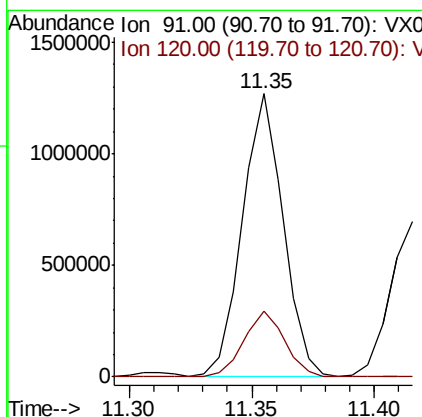
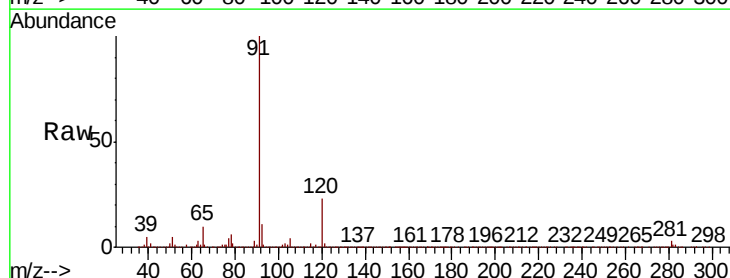
RT: 11.35 min Scan# 1717

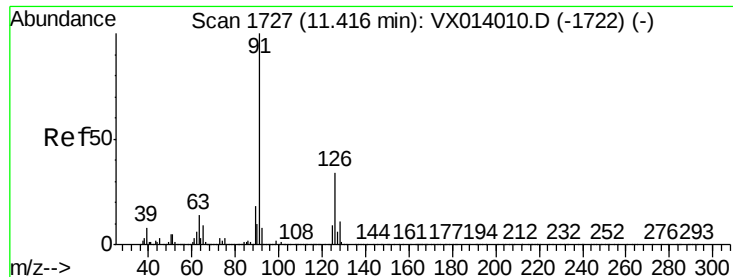
Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	91	Resp:	1463218
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





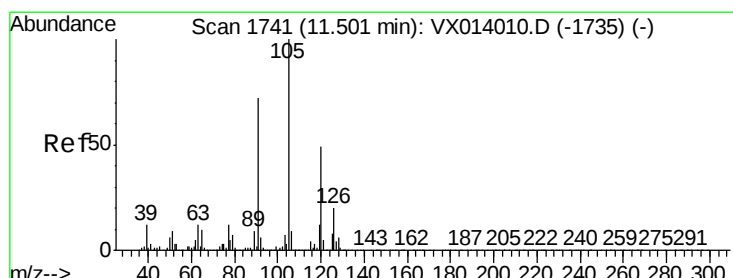
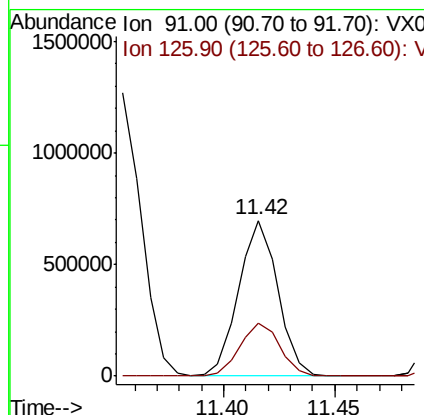
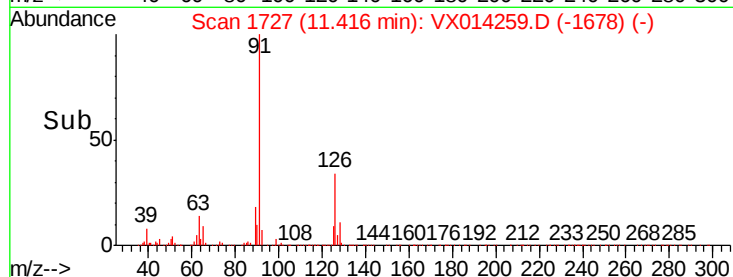
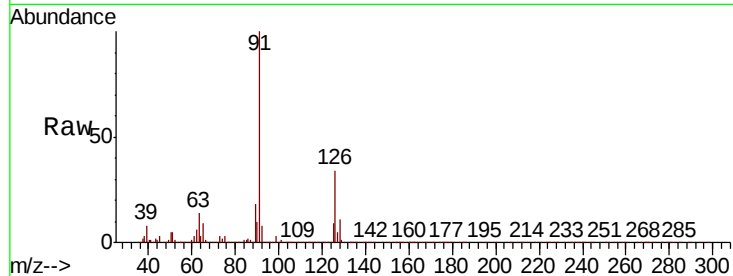
#79
2-Chlorotoluene
Concen: 50.159 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 855297
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

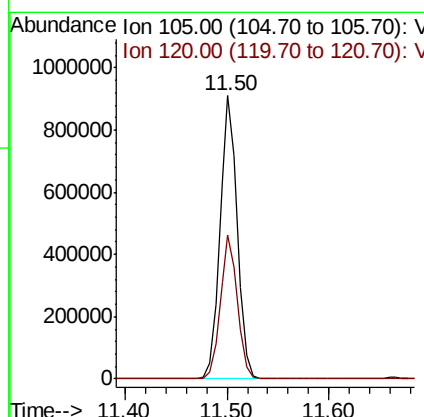
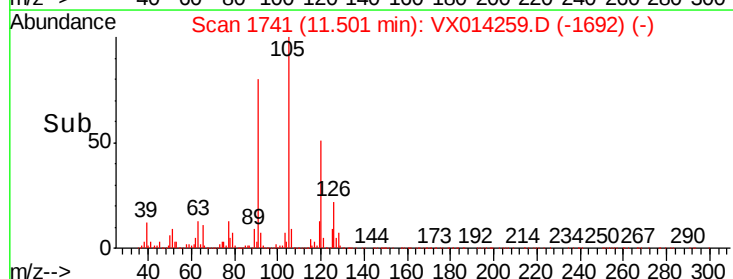
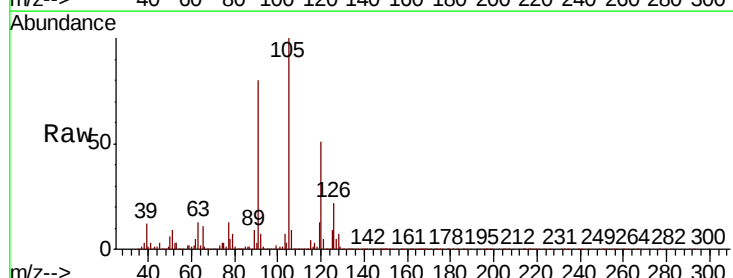
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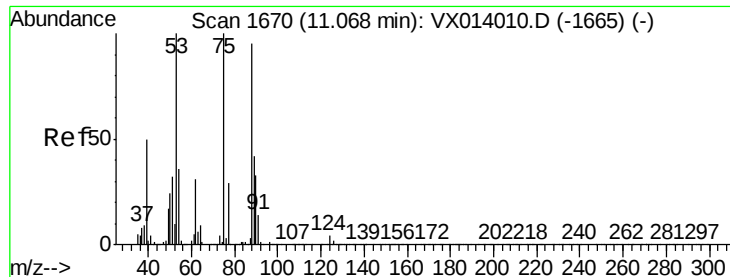
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#80
1,3,5-Trimethylbenzene
Concen: 51.178 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 105 Resp: 1077153
Ion Ratio Lower Upper
105 100
120 50.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.520 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

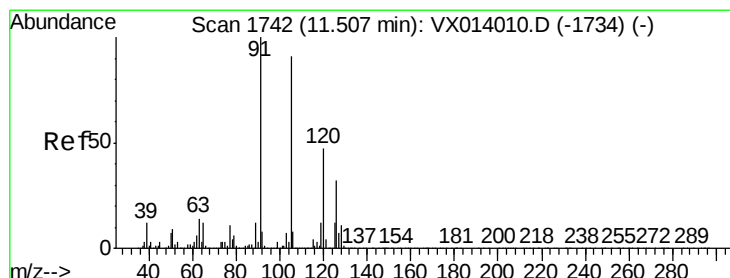
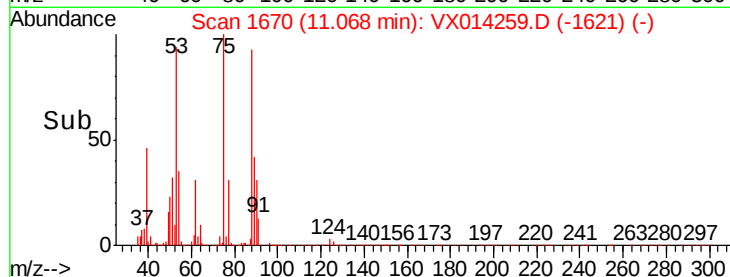
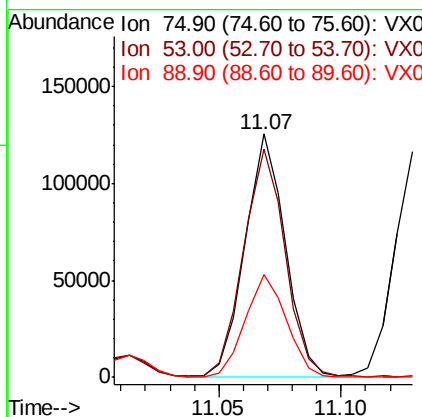
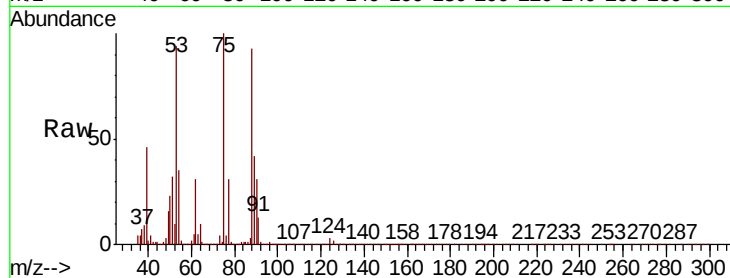
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	143487
Ion Ratio	Lower	Upper	
75	100		
53	96.7	76.7	115.1
89	43.7	34.6	51.8

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#82

4-Chlorotoluene

Concen: 50.150 ug/l

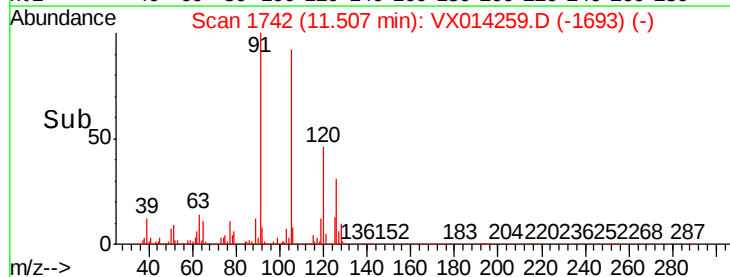
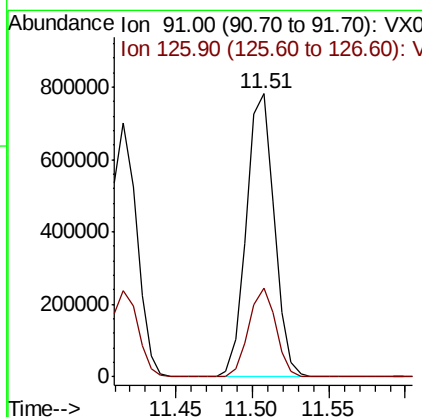
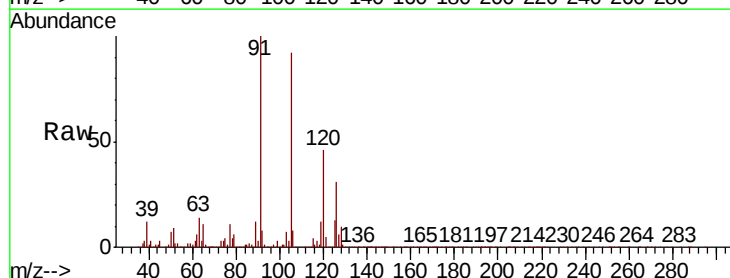
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	91	Resp:	991948
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.6	46.8





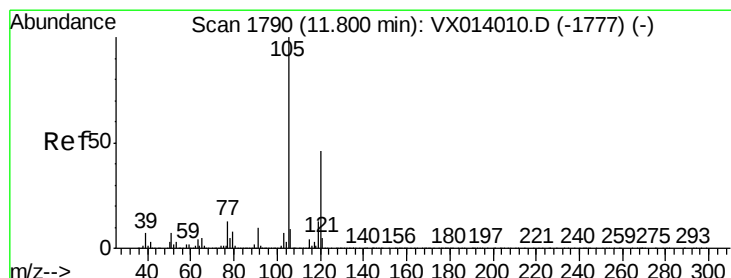
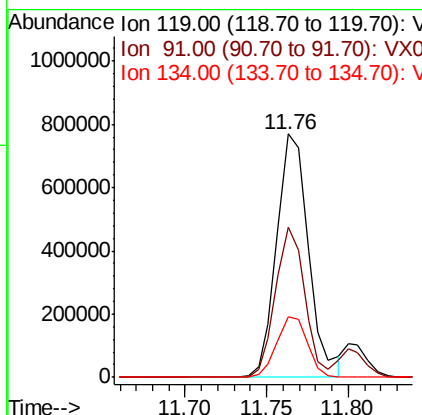
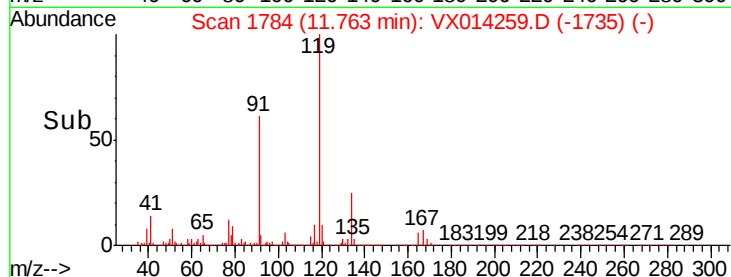
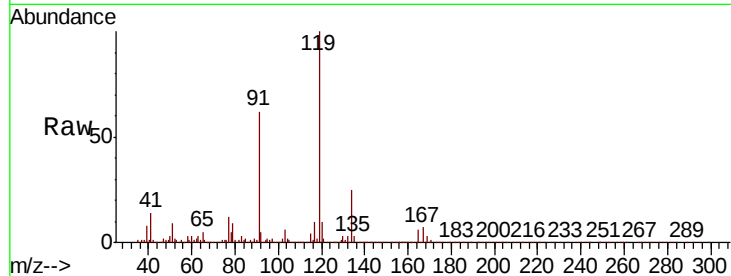
#83
tert-Butylbenzene
Concen: 50.640 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.5	85.6
134	24.1	12.2	36.6

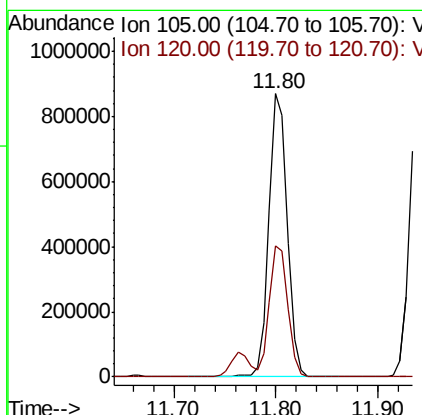
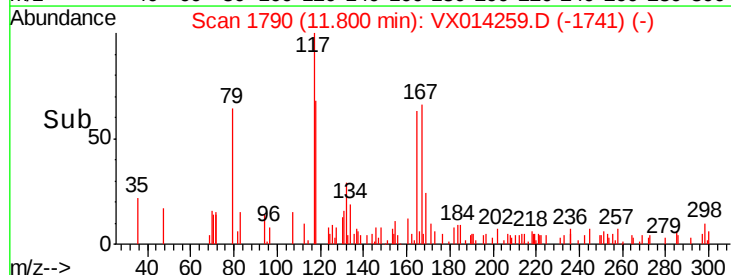
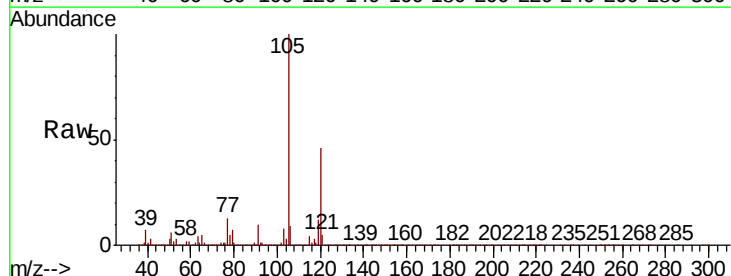
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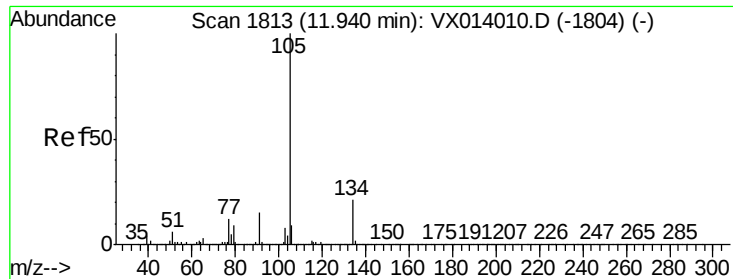
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#84
1,2,4-Trimethylbenzene
Concen: 51.299 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.911 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1255213

Ion Ratio Lower Upper

105 100

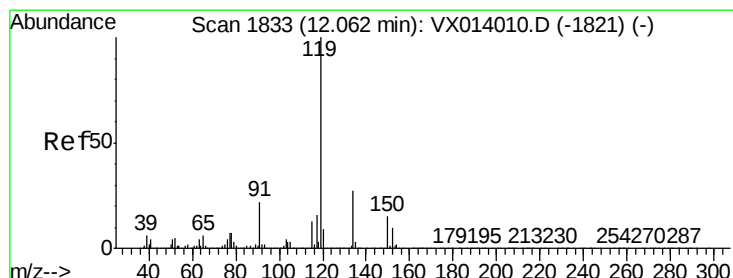
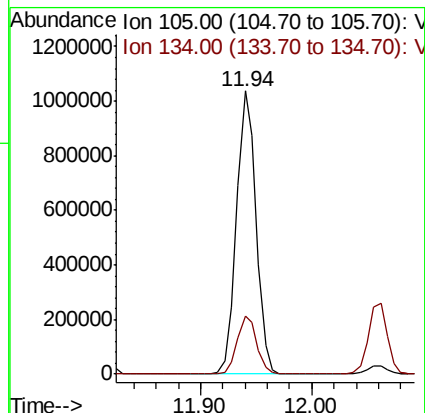
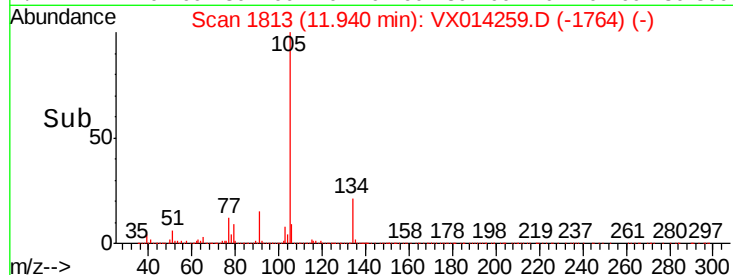
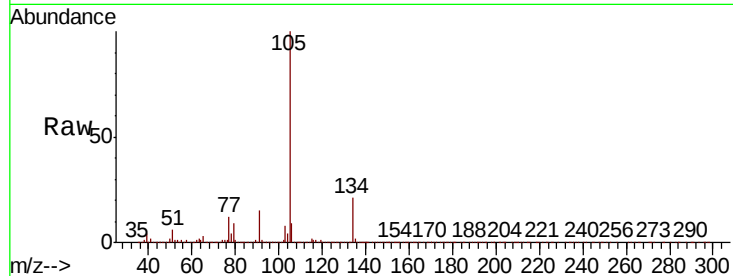
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 52.211 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

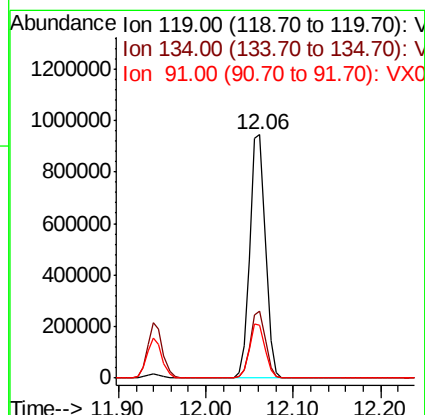
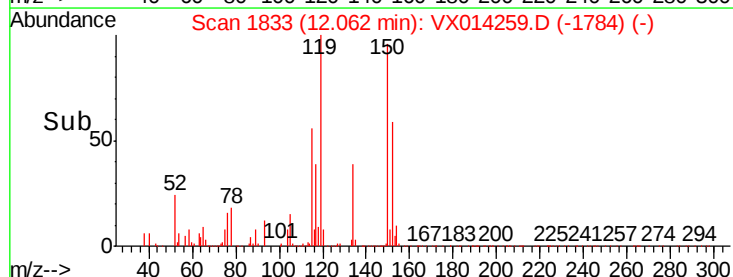
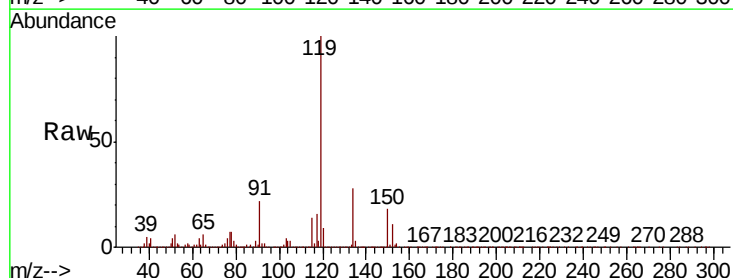
Tgt Ion:119 Resp: 1154822

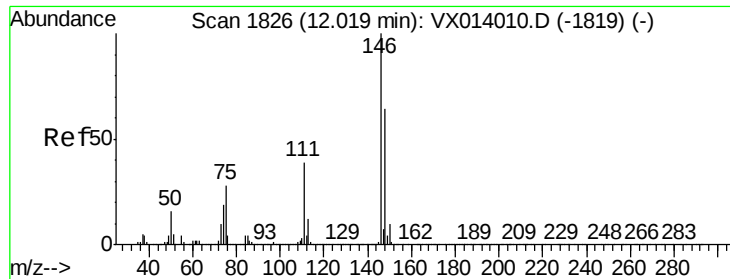
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.810 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014259.D

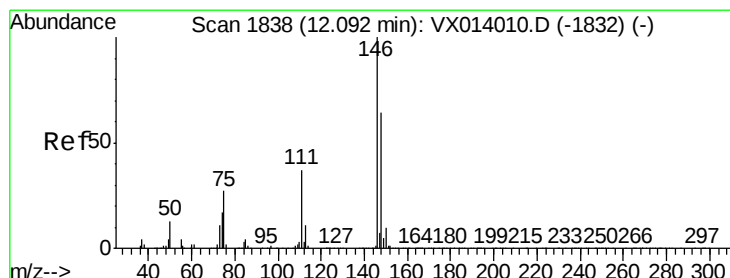
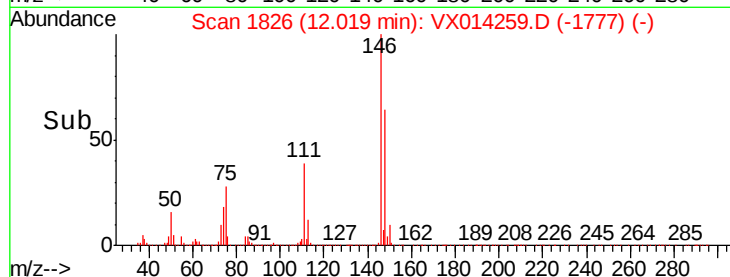
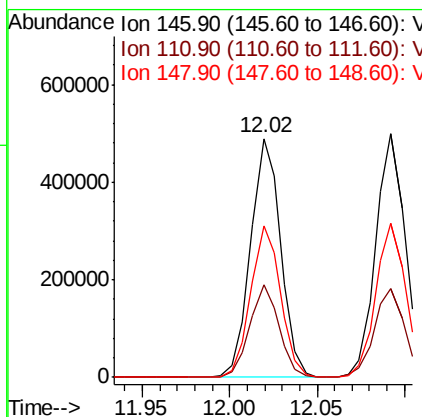
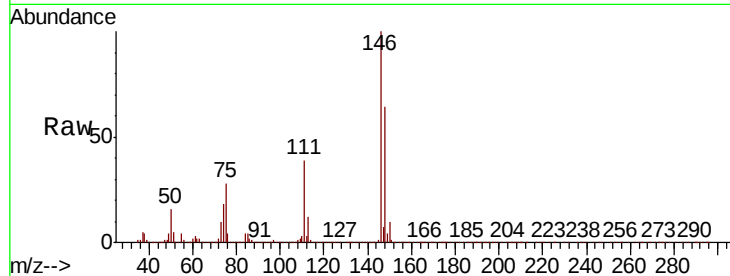
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.856 ug/l

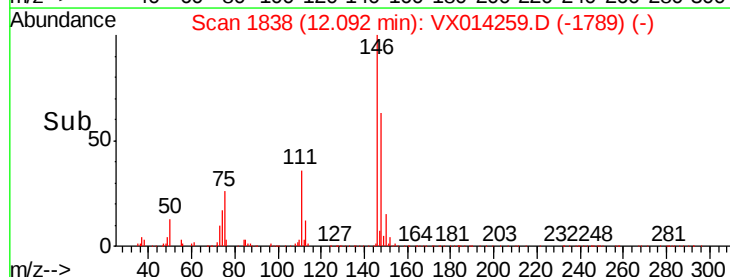
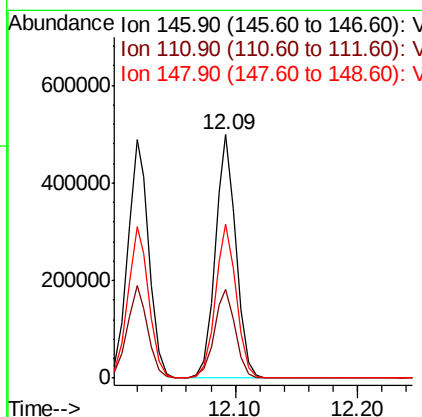
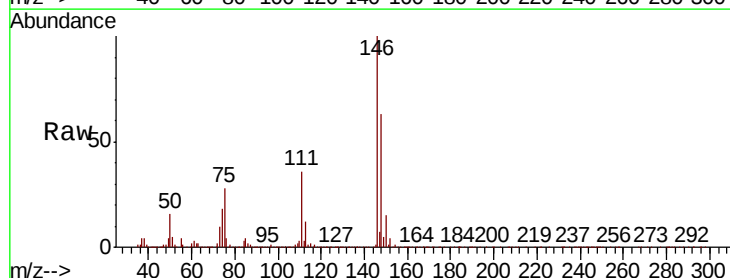
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.8	31.9	95.9





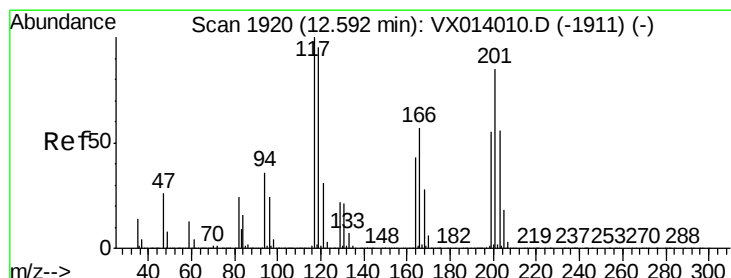
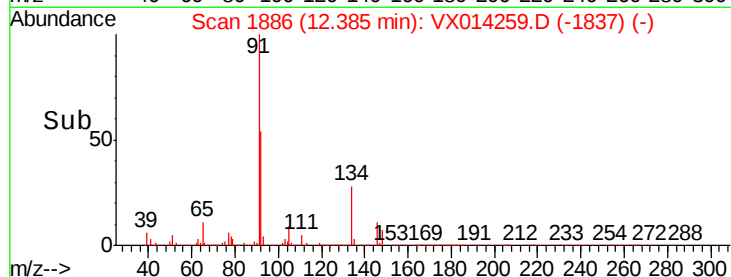
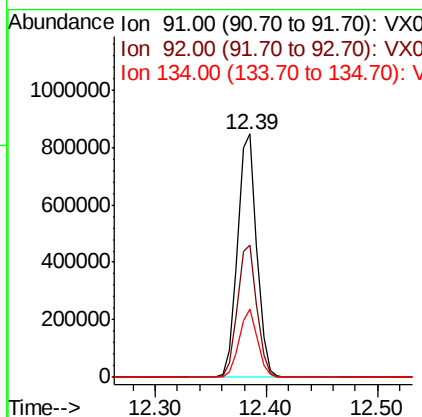
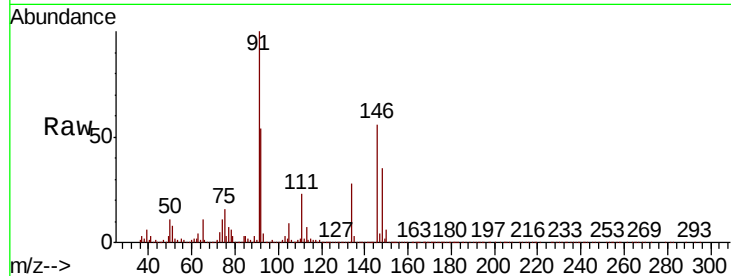
#89
n-Butylbenzene
Concen: 53.358 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.6
134	26.9	13.4	40.1

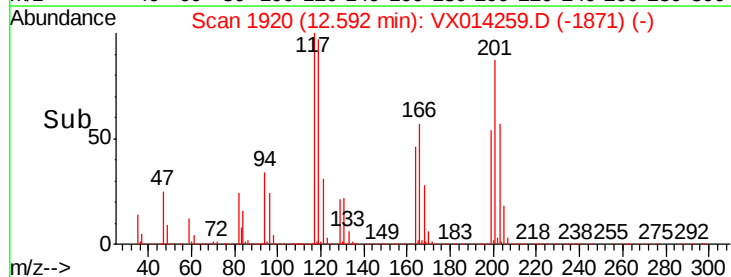
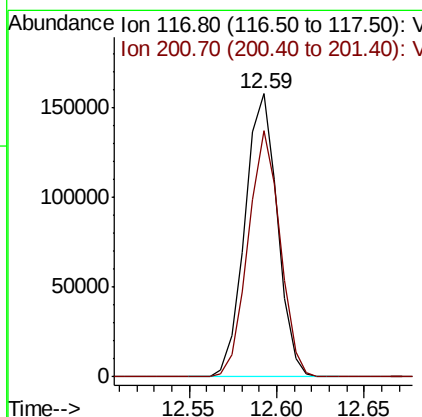
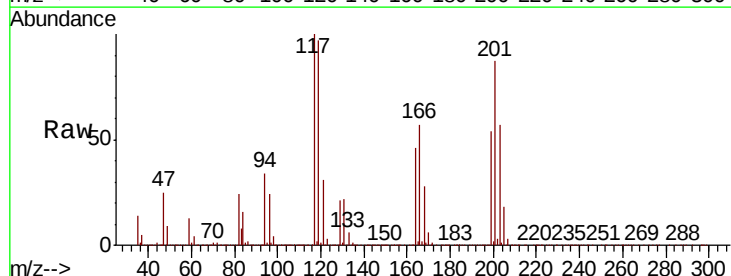
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#90
Hexachloroethane
Concen: 51.309 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	43.1	129.3





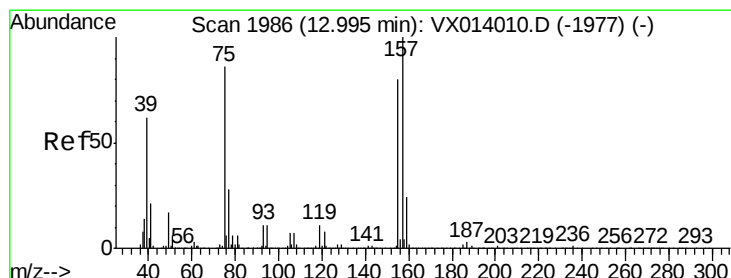
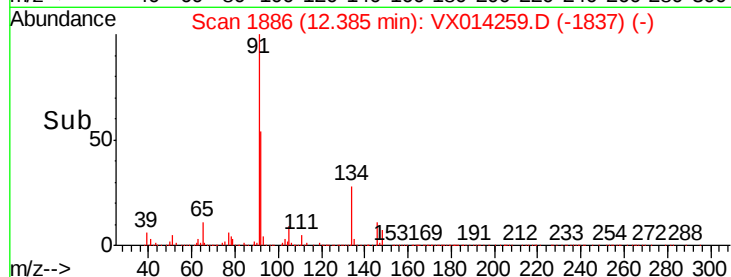
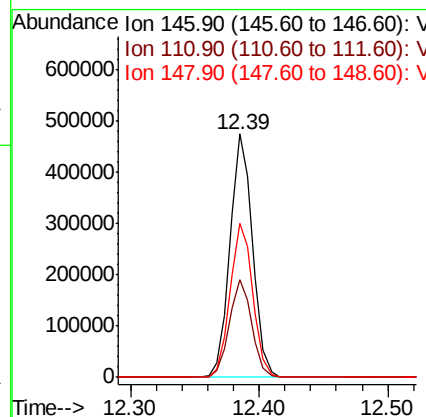
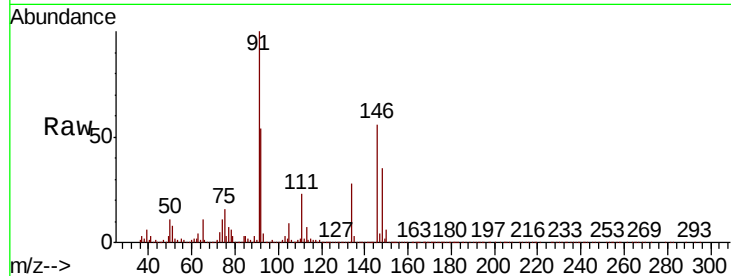
#91
 1,2-Dichlorobenzene
 Concen: 48.080 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	63.7	32.1	96.5

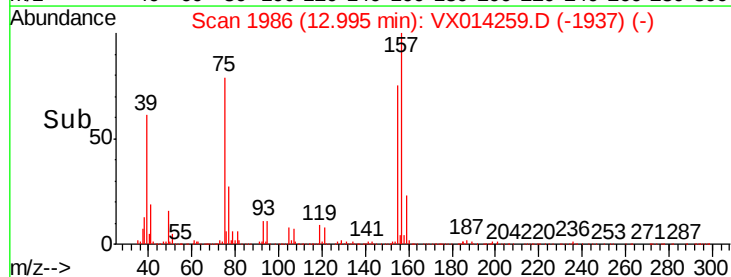
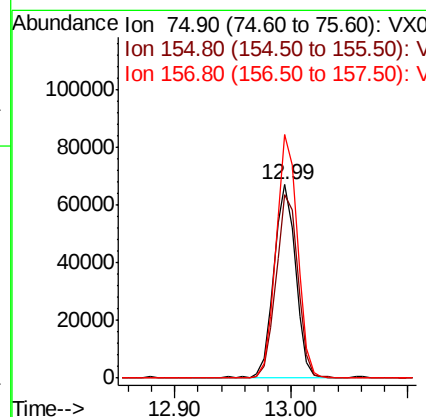
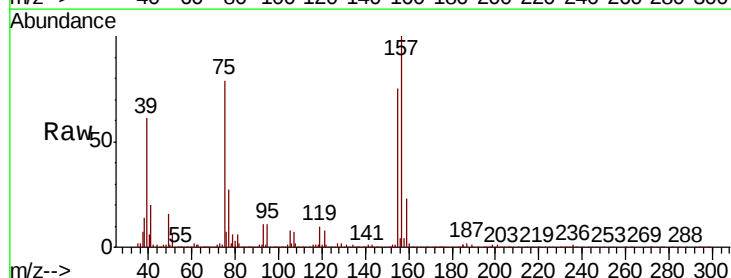
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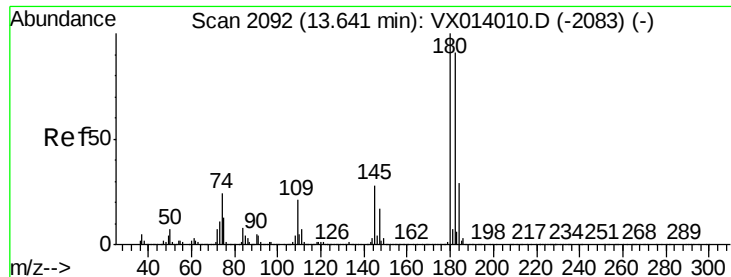
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.664 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.9	140.6
157	124.3	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 50.434 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

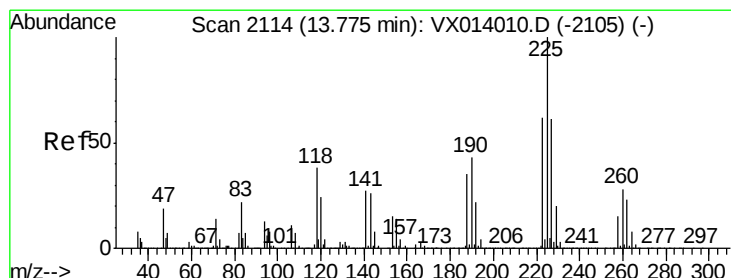
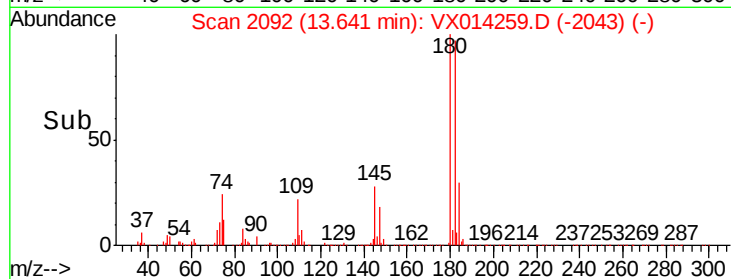
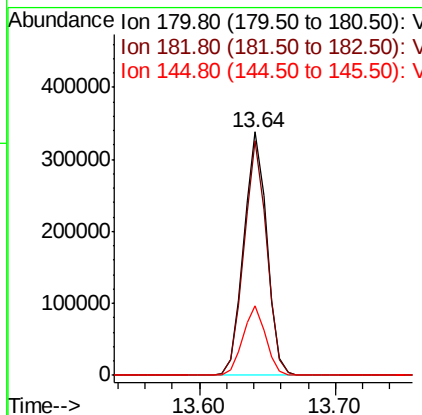
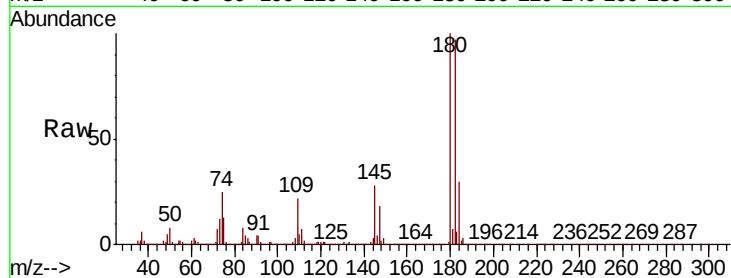
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	397932
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.6	139.8
145	28.1	14.2	42.6

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#94

Hexachlorobutadiene

Concen: 50.784 ug/l

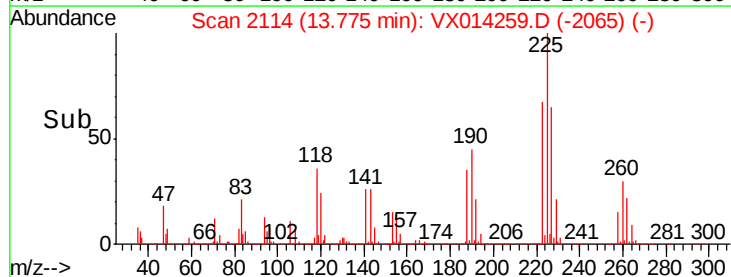
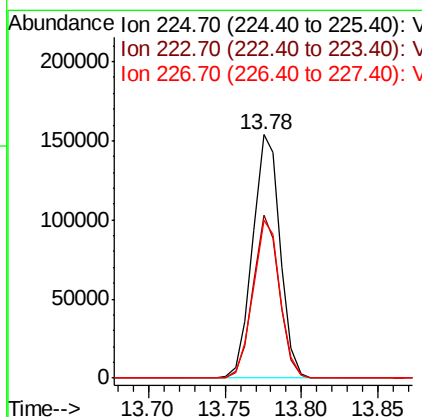
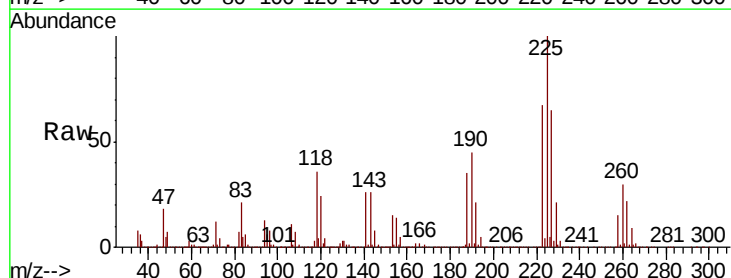
RT: 13.78 min Scan# 2114

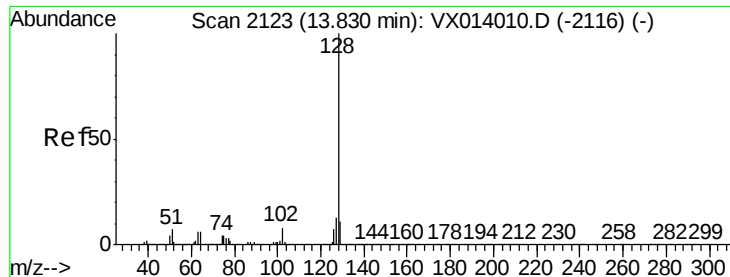
Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	225	Resp:	192573
Ion Ratio	Lower	Upper	
225	100		
223	63.8	30.9	92.5
227	63.6	30.9	92.7





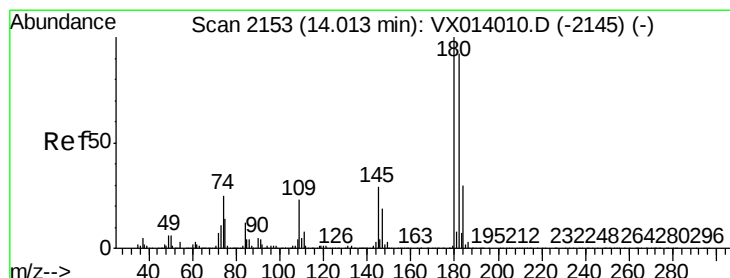
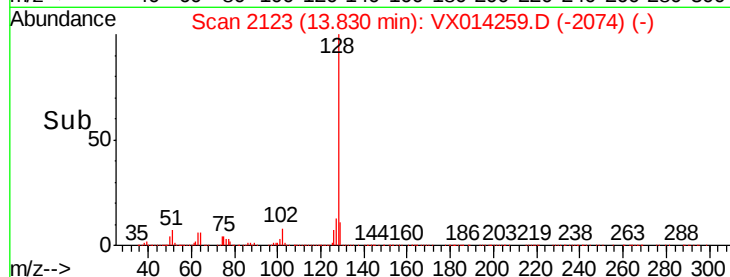
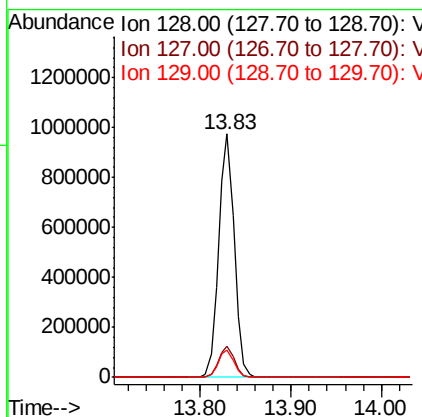
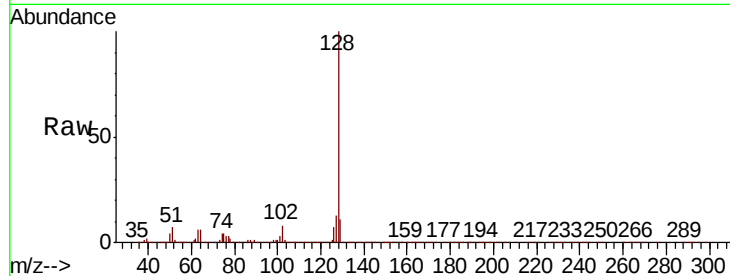
#95
Naphthalene
Concen: 50.495 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/27/2019 12:03:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.105 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	29.7	14.8	44.4

