

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014139.D
 Acq On : 19 Dec 2019 22:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:31 AM

Quant Time: Dec 20 04:18:47 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	504466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	784291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287267	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	238987	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	907851	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	323446	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205472	45.528	ug/l	97
3) Chloromethane	1.32	50	296941	49.027	ug/l	100
4) Vinyl Chloride	1.40	62	310367	48.564	ug/l	98
5) Bromomethane	1.63	94	212700	46.892	ug/l	99
6) Chloroethane	1.72	64	198753	50.389	ug/l	95
7) Trichlorofluoromethane	1.92	101	384314	48.578	ug/l	100
8) Diethyl Ether	2.18	74	186299	50.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	228250	47.862	ug/l	100
10) Methyl Iodide	2.50	142	308825	49.152	ug/l	100
11) Tert butyl alcohol	3.03	59	301137	243.756	ug/l	100
12) 1,1-Dichloroethene	2.36	96	237898	49.025	ug/l	99
13) Acrolein	2.28	56	198242	280.326	ug/l	96
14) Allyl chloride	2.72	41	444631	51.318	ug/l	99
15) Acrylonitrile	3.13	53	773223	268.152	ug/l	99
16) Acetone	2.43	43	787884	212.263	ug/l	100
17) Carbon Disulfide	2.56	76	628558	46.708	ug/l	100
18) Methyl Acetate	2.76	43	395897	53.826	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	841609	52.779	ug/l	99
20) Methylene Chloride	2.85	84	285926	48.917	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	260441	48.716	ug/l	97
22) Diisopropyl ether	3.84	45	913647	52.917	ug/l	97
23) Vinyl Acetate	3.80	43	3567761	253.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	485442	50.536	ug/l	99
25) 2-Butanone	4.65	43	1133805	247.758	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337339	45.231	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	307464	50.853	ug/l	98
28) Bromochloromethane	5.01	49	204596	55.333	ug/l	99
29) Tetrahydrofuran	5.11	42	695314	271.648	ug/l	99
30) Chloroform	5.20	83	470923	51.715	ug/l	98
31) Cyclohexane	5.57	56	415161	48.594	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	391974	50.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348525	48.431	ug/l	100
37) Ethyl Acetate	4.82	43	418586	52.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	327205	49.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	407063	45.811	ug/l	97
40) Benzene	6.14	78	1098665	49.619	ug/l	100
41) Methacrylonitrile	5.03	41	233766	53.017	ug/l	98
42) 1,2-Dichloroethane	6.18	62	380819	50.737	ug/l	100
43) Isopropyl Acetate	6.43	43	688896	52.382	ug/l	100
44) Trichloroethene	7.20	130	295324	48.288	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290668	51.217	ug/l	99
46) Dibromomethane	7.65	93	186306	49.653	ug/l	100
47) Bromodichloromethane	7.89	83	366894	51.919	ug/l	99
48) Methyl methacrylate	7.76	41	339135	52.661	ug/l	99
49) 1,4-Dioxane	7.73	88	133134	1015.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2145714	259.791	ug/l	100
52) Toluene	8.78	92	686833	49.076	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	401754	51.848	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	451240	52.272	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	285787	50.949	ug/l	97
56) Ethyl methacrylate	9.17	69	461618	52.390	ug/l	100
57) 1,3-Dichloropropane	9.37	76	479784	50.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	906999	272.008	ug/l	100
59) 2-Hexanone	9.48	43	1685770	253.544	ug/l	99
60) Dibromochloromethane	9.57	129	293849	52.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	294554	51.324	ug/l	100
64) Tetrachloroethene	9.33	164	351567	56.116	ug/l	96
65) Chlorobenzene	10.14	112	731649	48.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	275610	51.275	ug/l	99
67) Ethyl Benzene	10.25	91	1279698	49.445	ug/l	100
68) m/p-Xylenes	10.35	106	974560	97.904	ug/l	100
69) o-Xylene	10.70	106	476476	48.806	ug/l	98
70) Styrene	10.71	104	819603	49.647	ug/l	99
71) Bromoform	10.85	173	227351	52.619	ug/l	99
73) Isopropylbenzene	11.01	105	1239261	50.056	ug/l	100
74) N-amyl acetate	10.89	43	607587	52.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	434080	50.573	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	357843m	46.876	ug/l	
77) Bromobenzene	11.25	156	332384	48.796	ug/l	98
78) n-propylbenzene	11.35	91	1397479	50.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	837406	49.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1040326	49.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139891	51.723	ug/l	98
82) 4-Chlorotoluene	11.51	91	956013	48.824	ug/l	99
83) tert-Butylbenzene	11.76	119	939864	46.352	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1050709	50.355	ug/l	100
85) sec-Butylbenzene	11.94	105	1184668	49.490	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098544	50.170	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	575211	48.182	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574362	47.316	ug/l	99
89) n-Butylbenzene	12.39	91	921207	49.306	ug/l	99
90) Hexachloroethane	12.59	117	196500	49.962	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	582757	48.491	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92985	48.955	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	388992	49.801	ug/l	99
94) Hexachlorobutadiene	13.78	225	179559	47.832	ug/l	99
95) Naphthalene	13.83	128	1226452	53.442	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	391268	50.744	ug/l	98

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

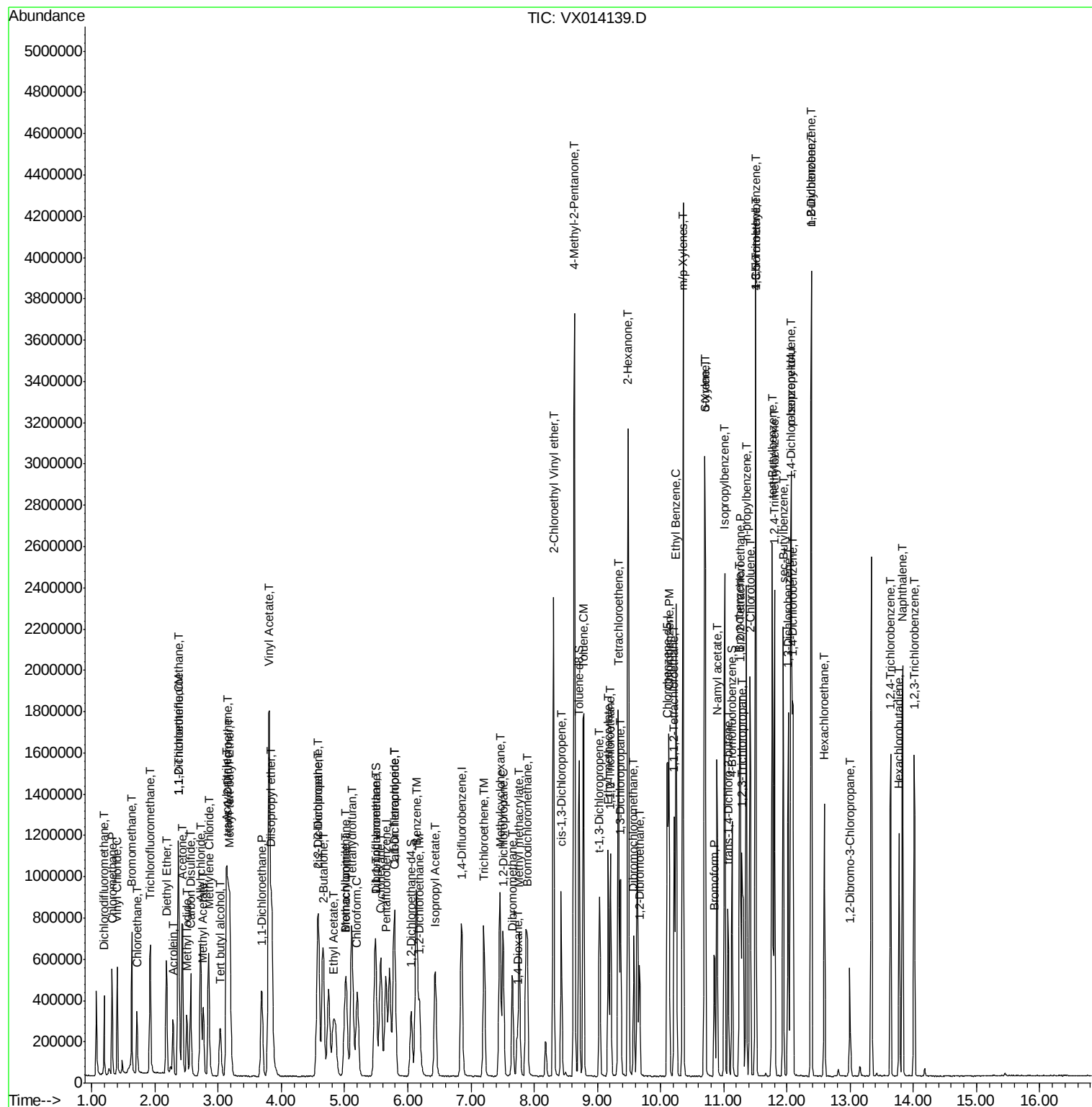
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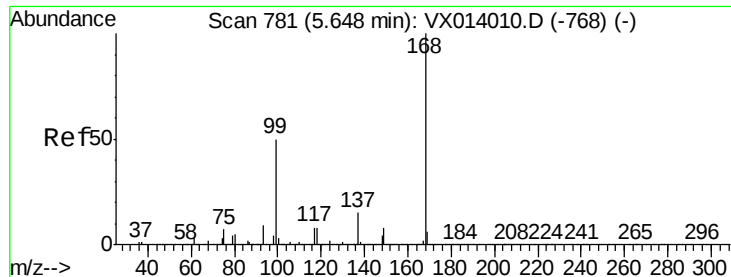
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 504466

Ion Ratio Lower Upper

168 100

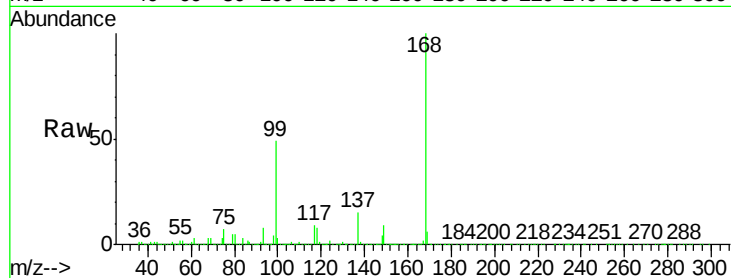
99 49.0 40.3 60.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

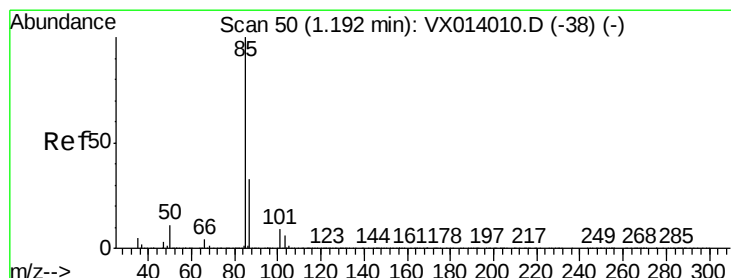
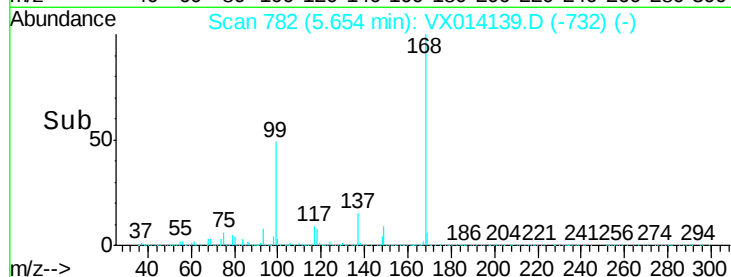
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.528 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014139.D

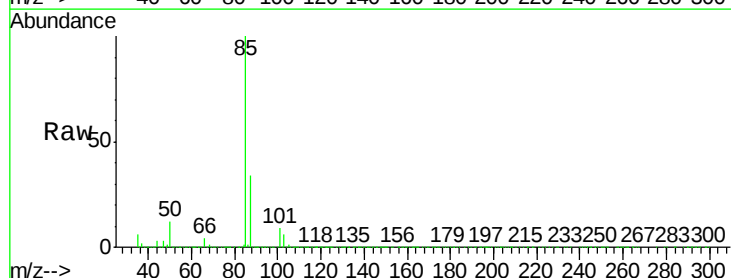
Acq: 19 Dec 2019 22:50

Tgt Ion: 85 Resp: 205472

Ion Ratio Lower Upper

85 100

87 34.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

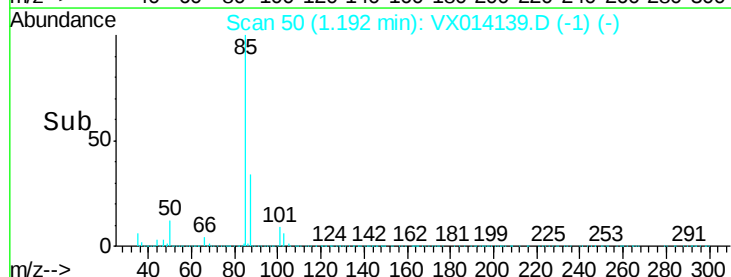
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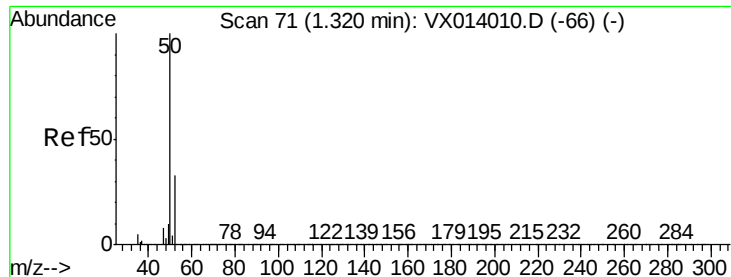
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50000

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Time-->





#3

Chloromethane

Concen: 49.027 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 296941

Ion Ratio Lower Upper

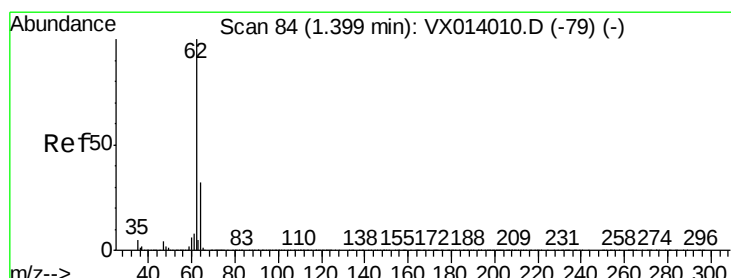
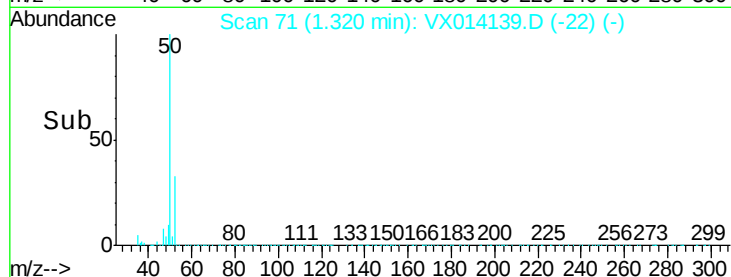
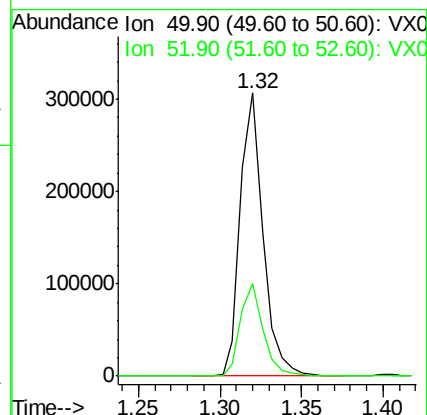
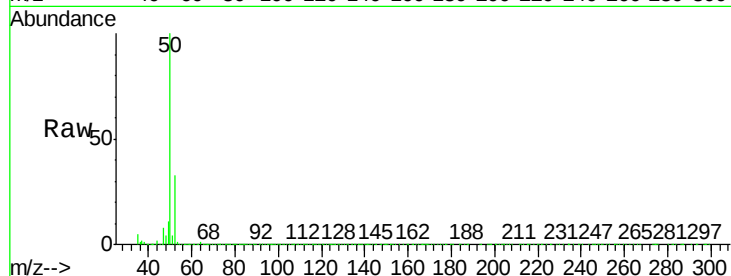
50 100

52 32.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 48.564 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014139.D

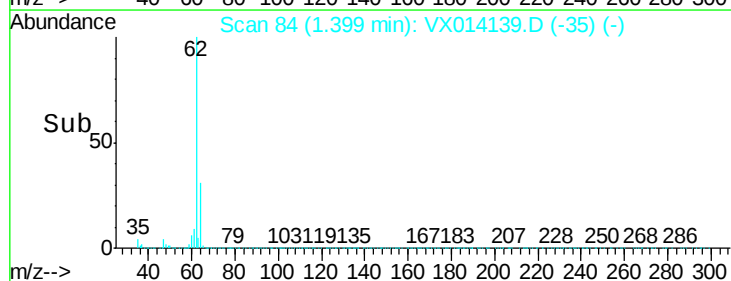
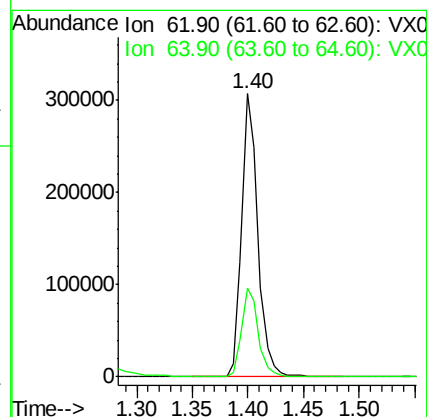
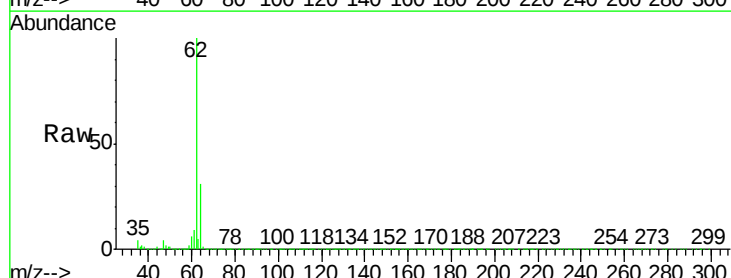
Acq: 19 Dec 2019 22:50

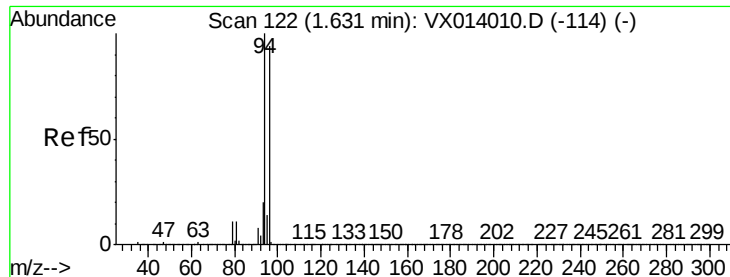
Tgt Ion: 62 Resp: 310367

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 46.892 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tot Ion: 94 Resp: 212700

Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

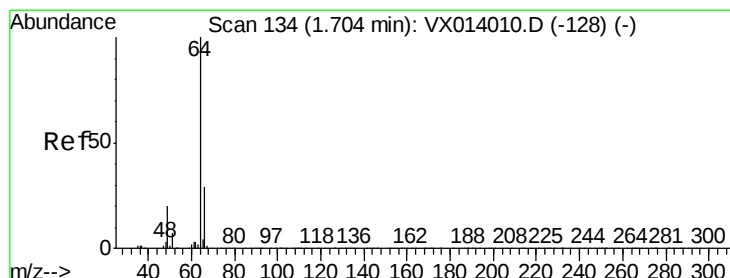
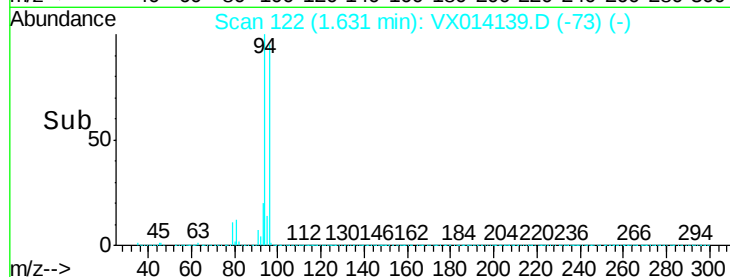
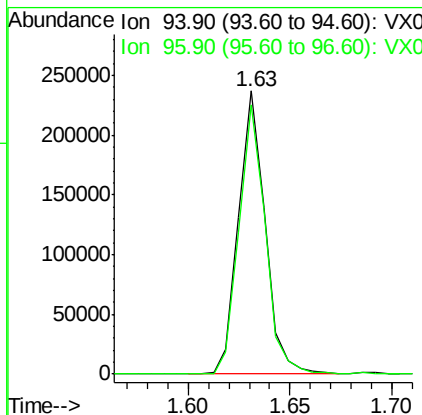
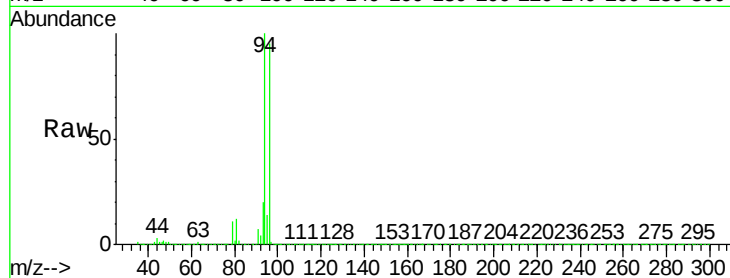
VSTDCCC050

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#6

Chloroethane

Concen: 50.389 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014139.D

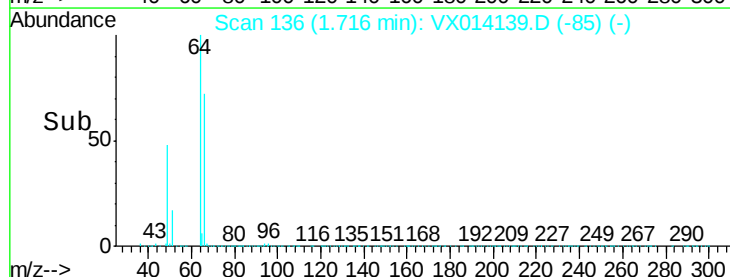
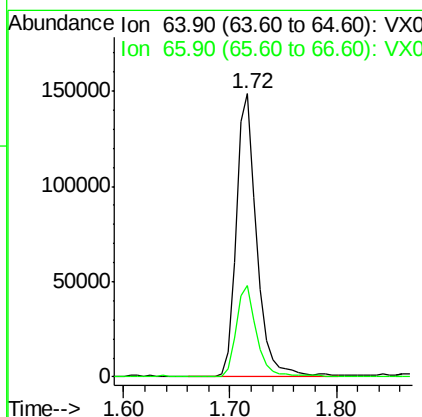
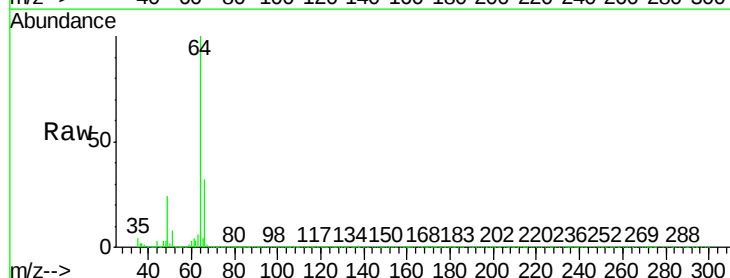
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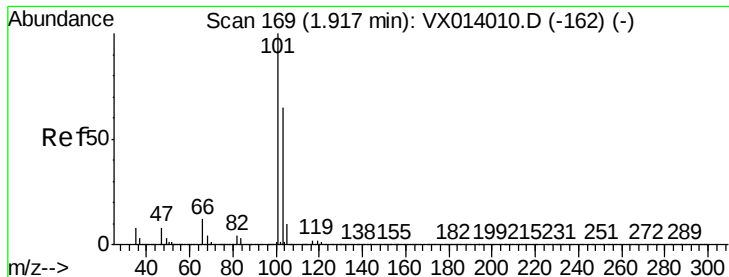
Tgt Ion: 64 Resp: 198753

Ion Ratio Lower Upper

64 100

66 32.1 23.4 35.2





#7

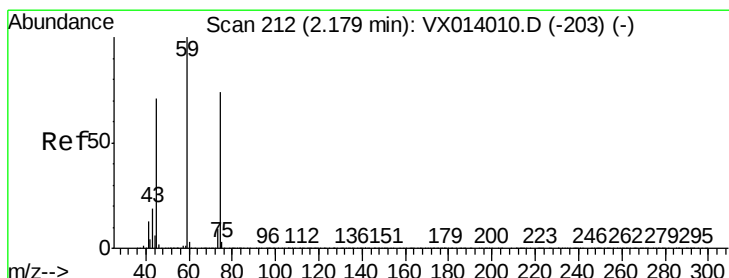
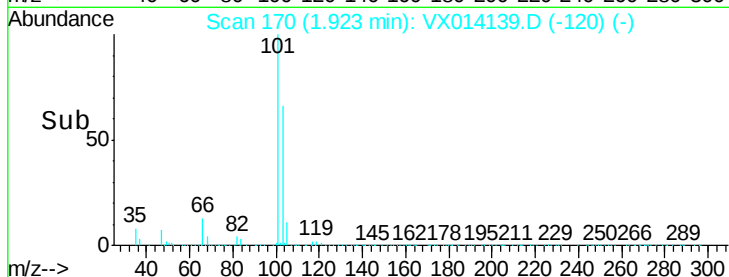
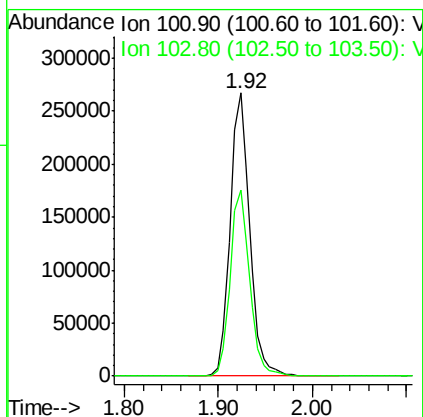
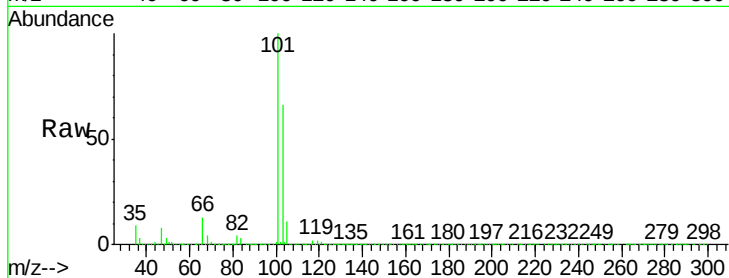
Trichlorofluoromethane
Concen: 48.578 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.4

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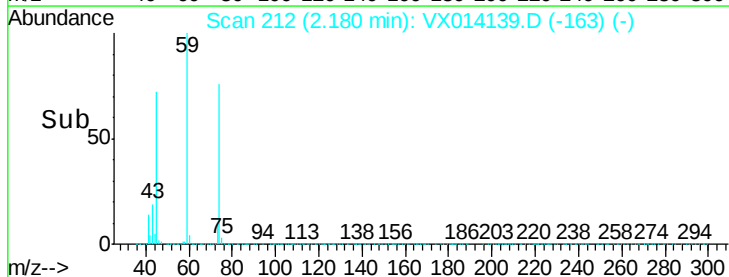
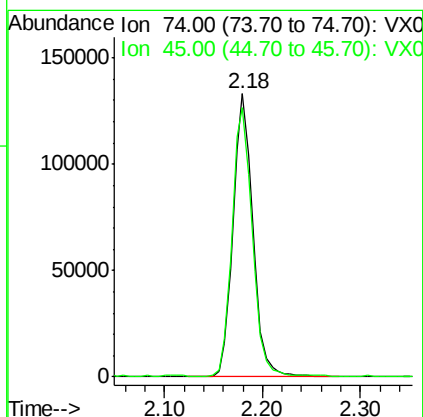
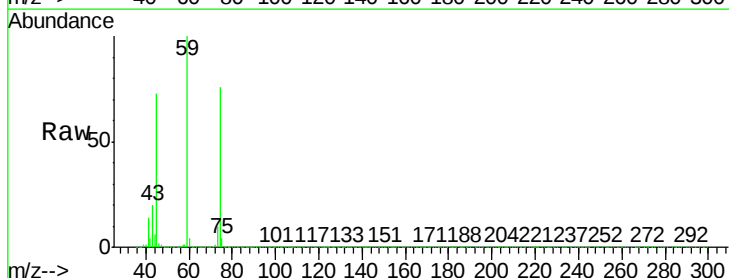
apatel
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#8

Diethyl Ether
Concen: 50.176 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.862 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

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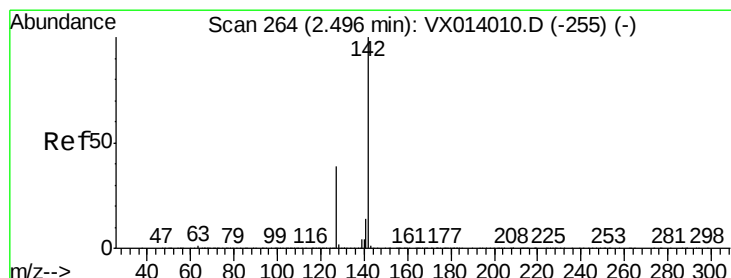
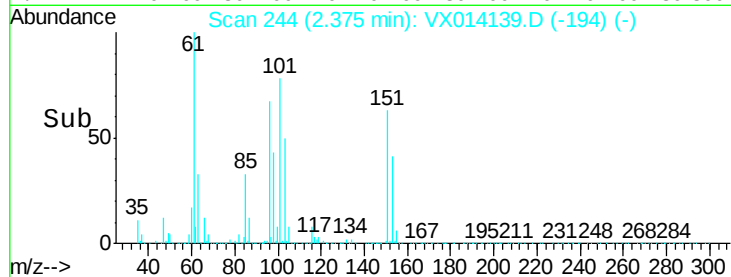
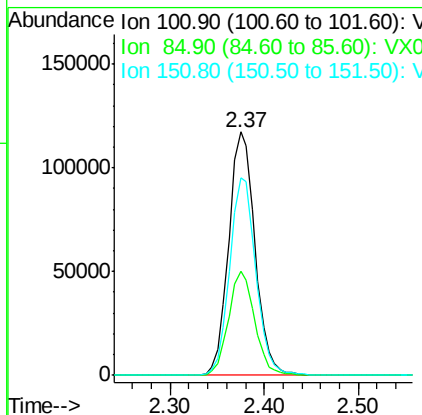
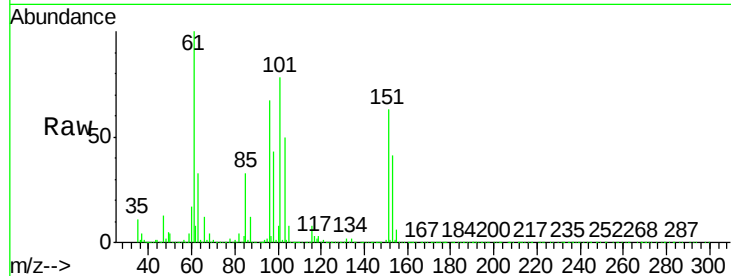
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	228250
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.2	64.5	96.7

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#10

Methyl Iodide

Concen: 49.152 ug/l

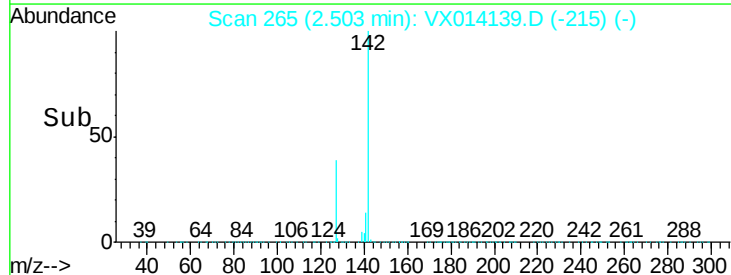
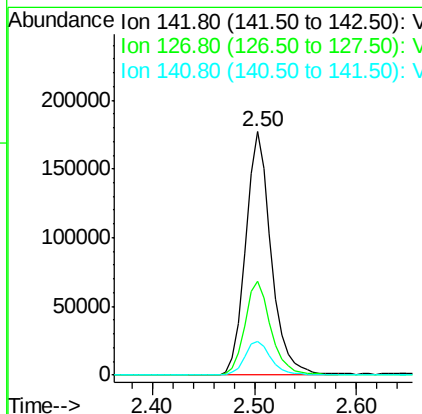
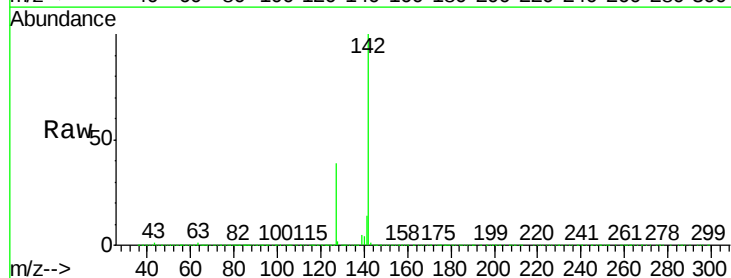
RT: 2.50 min Scan# 265

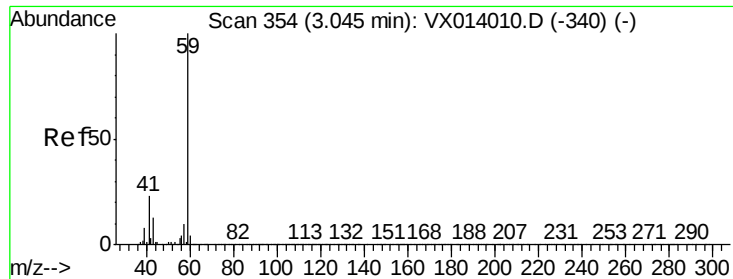
Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	142	Resp:	308825
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.6	47.4
141	14.3	11.6	17.4





#11

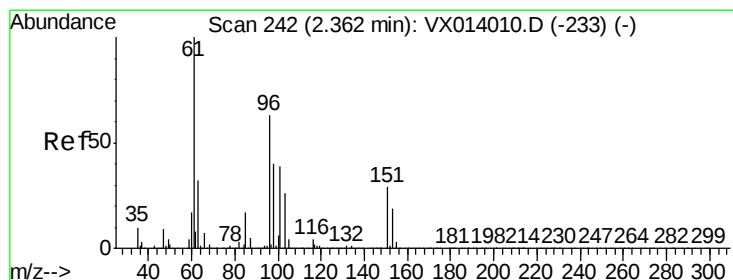
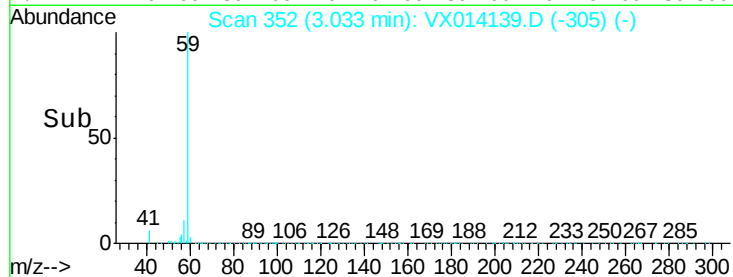
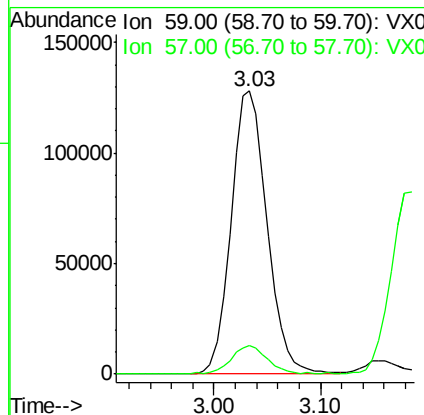
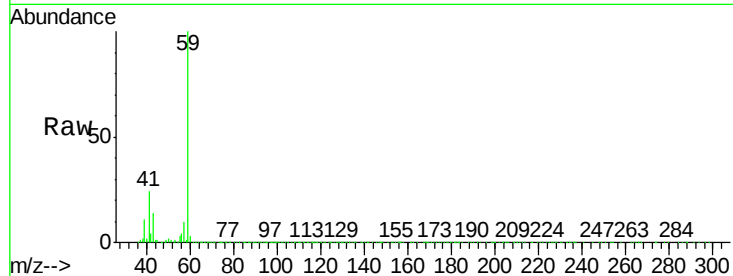
Tert butyl alcohol
 Concen: 243.756 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

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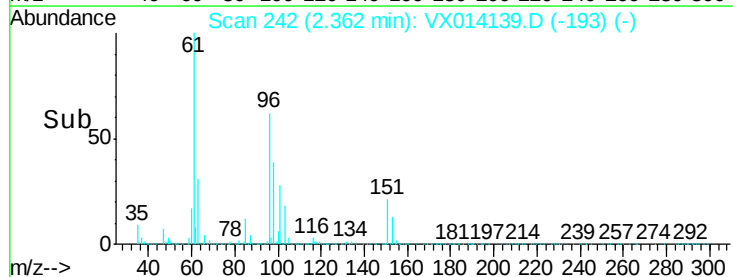
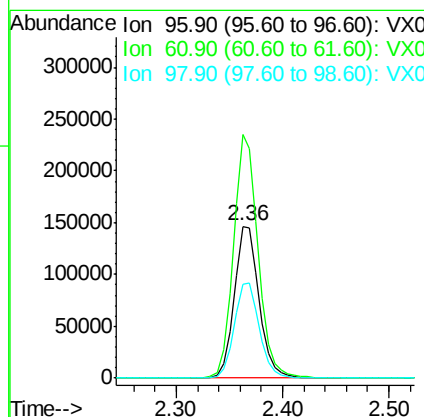
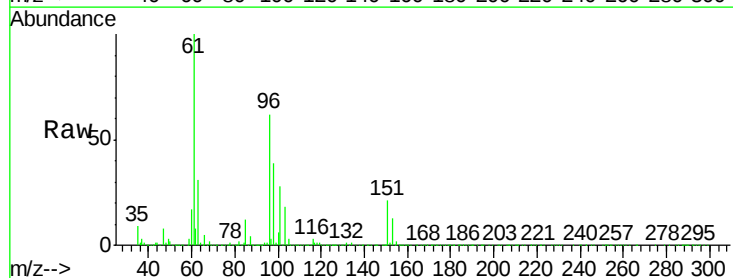
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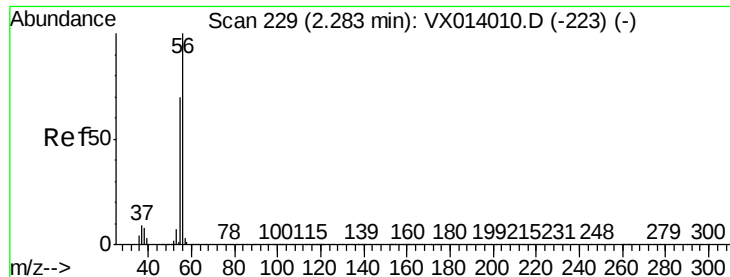


#12

1,1-Dichloroethene
 Concen: 49.025 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	127.9	191.9
98	61.7	50.5	75.7





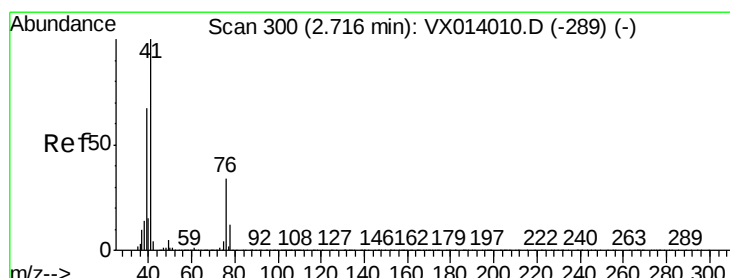
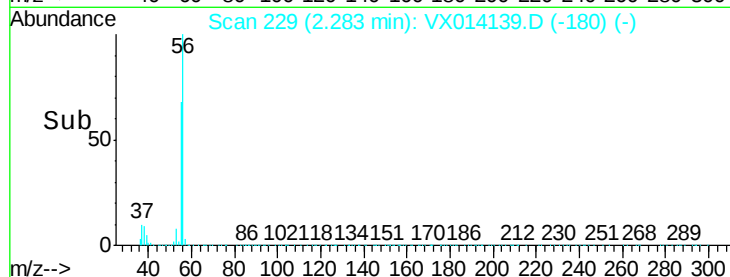
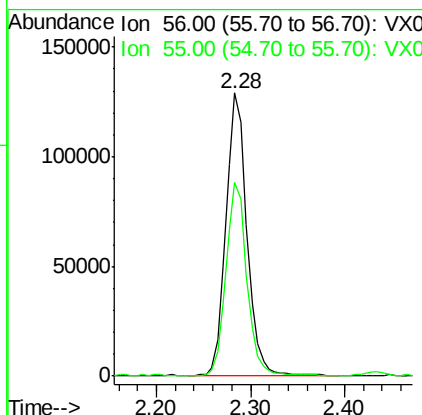
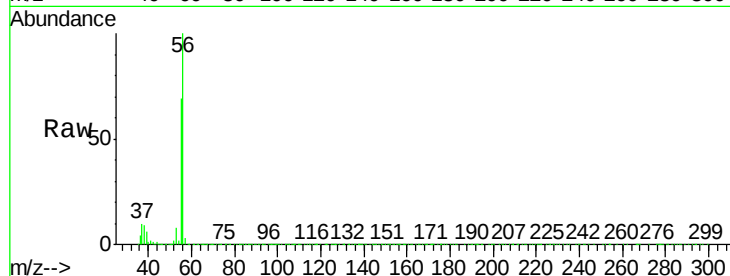
#13
Acrolein
Concen: 280.326 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.9	56.9	85.3

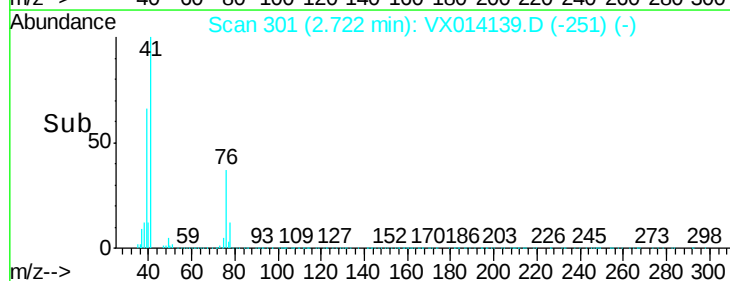
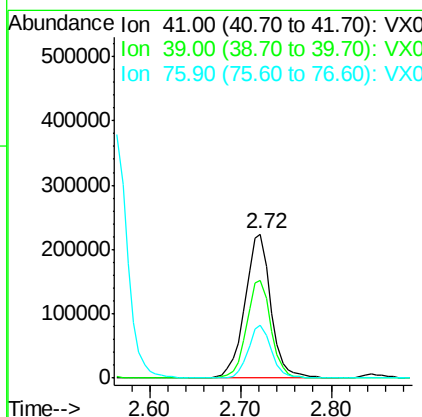
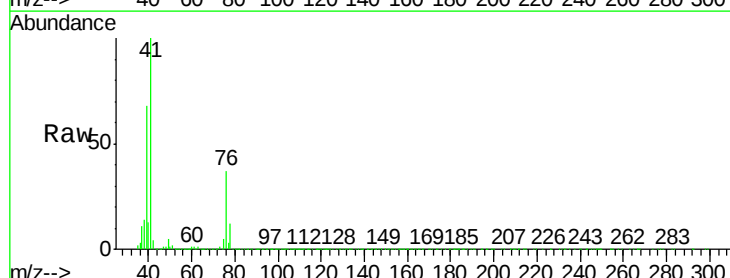
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#14
Allyl chloride
Concen: 51.318 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	51.8	77.8
76	32.5	25.9	38.9





#15

Acrylonitrile

Concen: 268.152 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

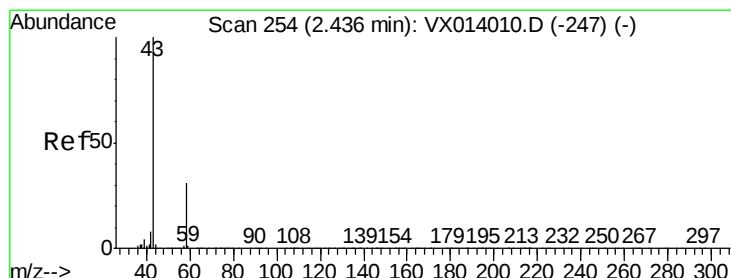
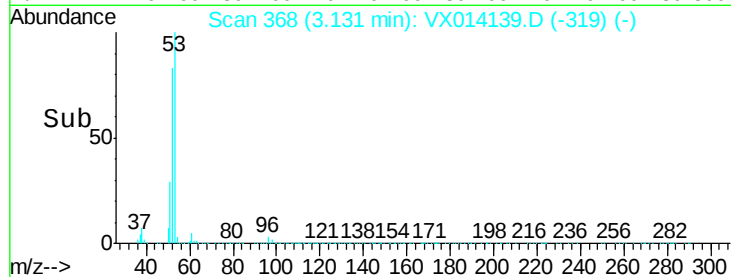
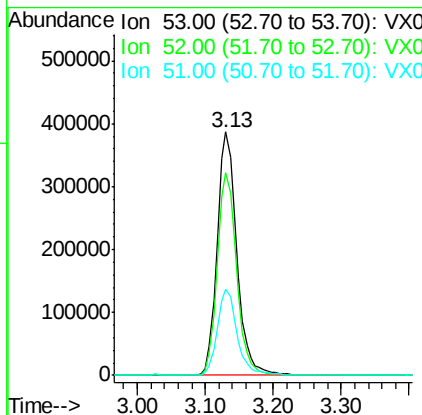
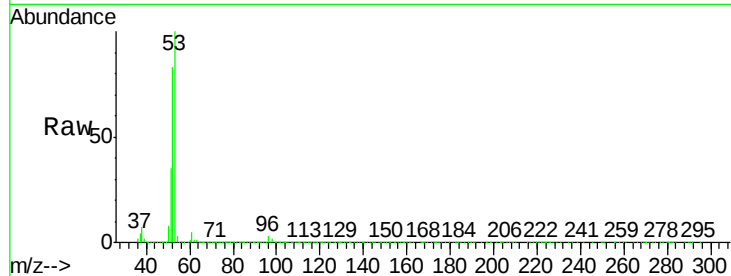
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	773223
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	35.7	28.1	42.1

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#16

Acetone

Concen: 212.263 ug/l

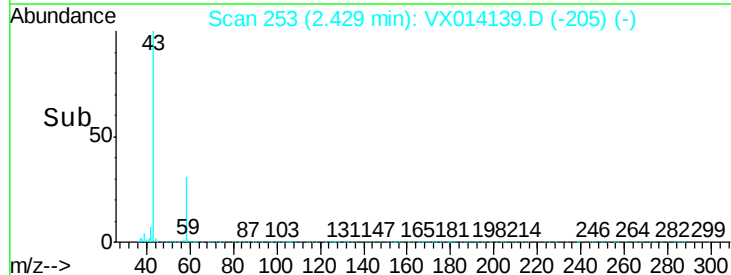
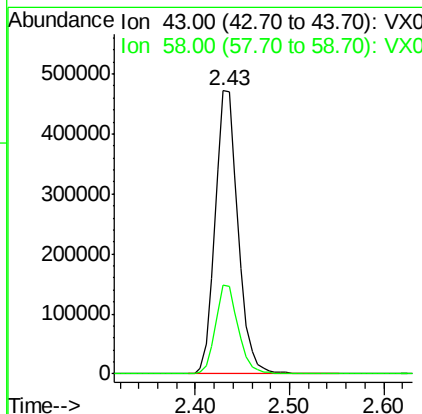
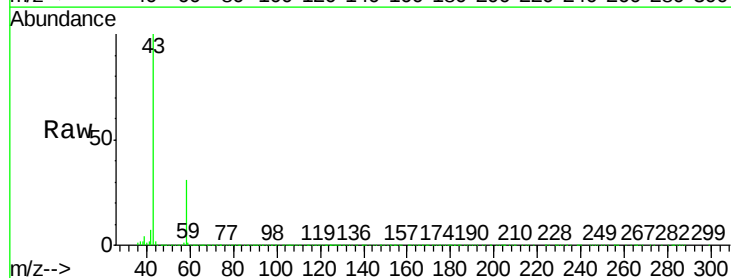
RT: 2.43 min Scan# 253

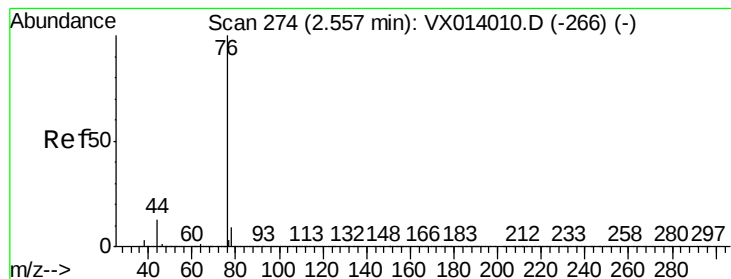
Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	43	Resp:	787884
Ion Ratio	Lower	Upper	
43	100		
58	31.3	24.9	37.3





#17

Carbon Disulfide

Concen: 46.708 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 628558

Ion Ratio Lower Upper

76 100

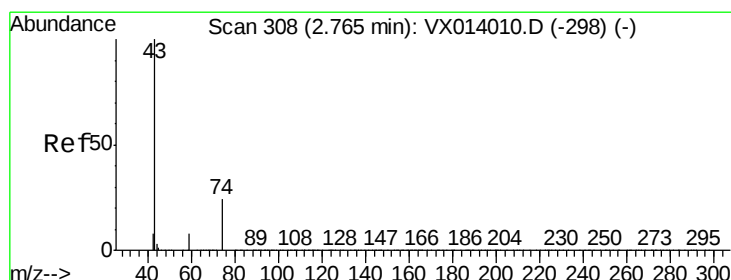
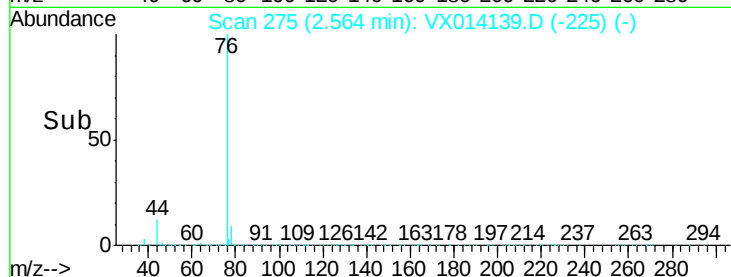
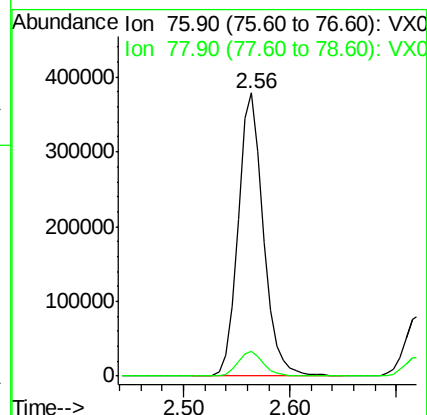
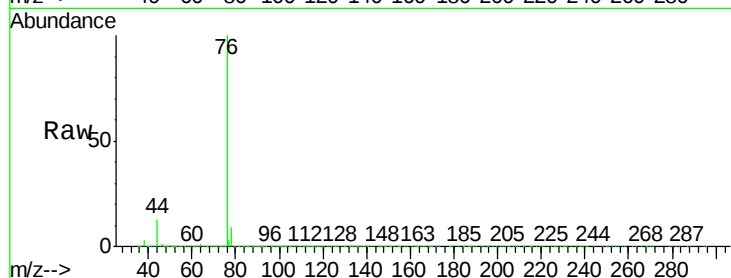
78 8.9 7.2 10.8

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#18

Methyl Acetate

Concen: 53.826 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014139.D

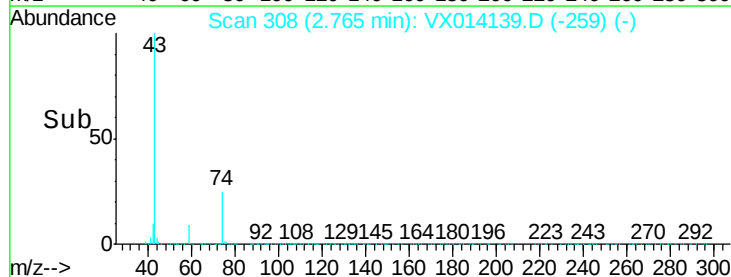
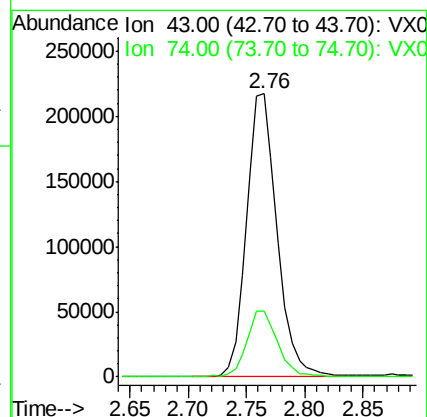
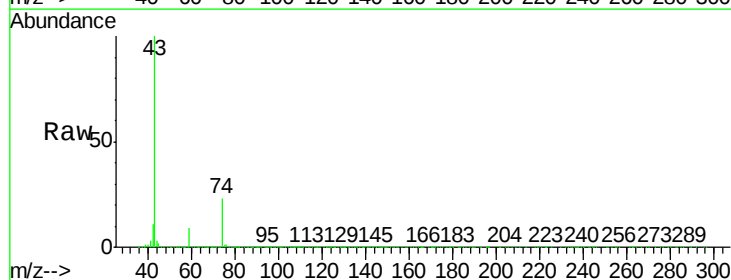
Acq: 19 Dec 2019 22:50

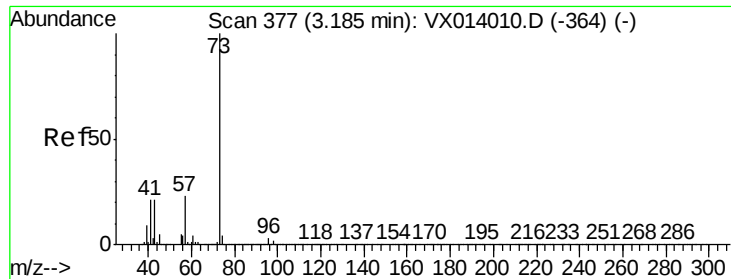
Tgt Ion: 43 Resp: 395897

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





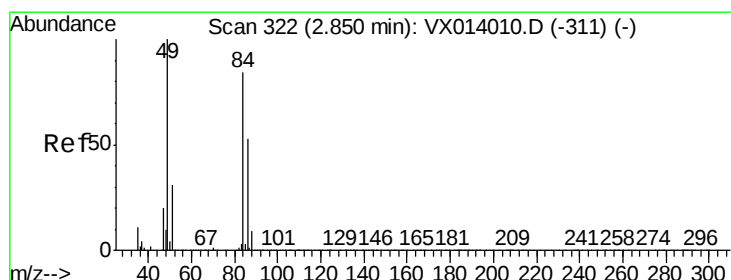
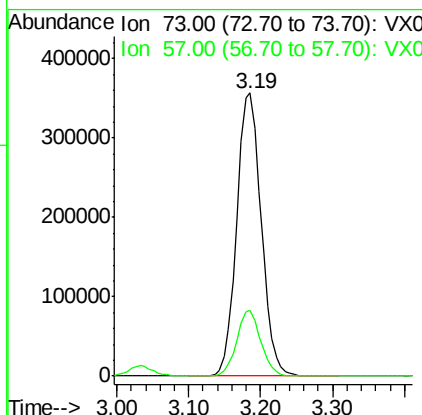
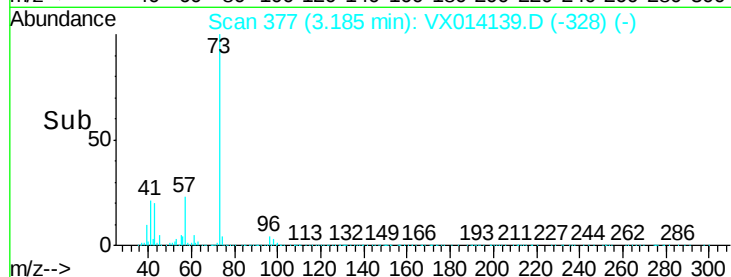
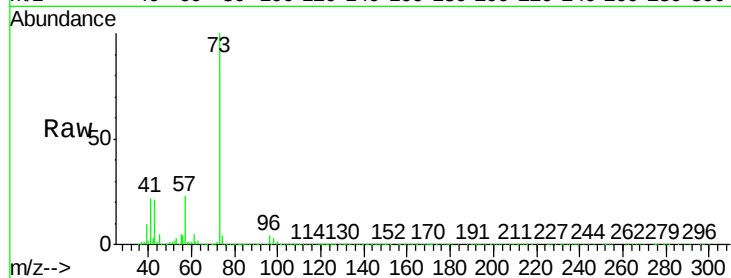
#19
Methvl tert-butvl Ether
Concen: 52.779 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2

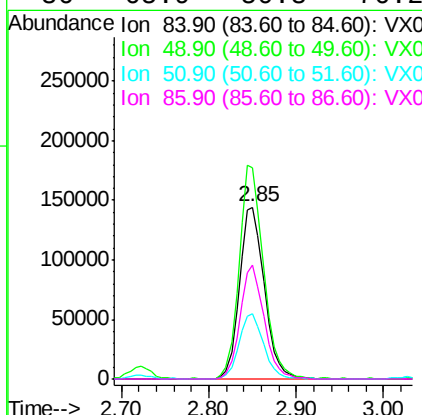
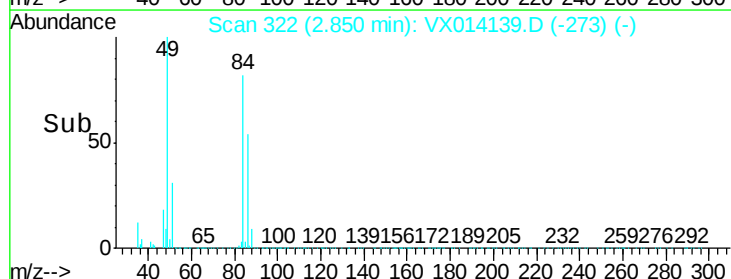
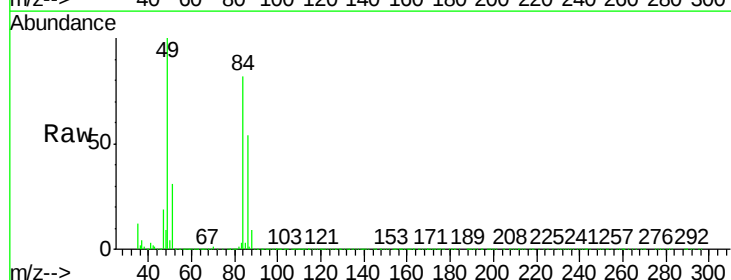
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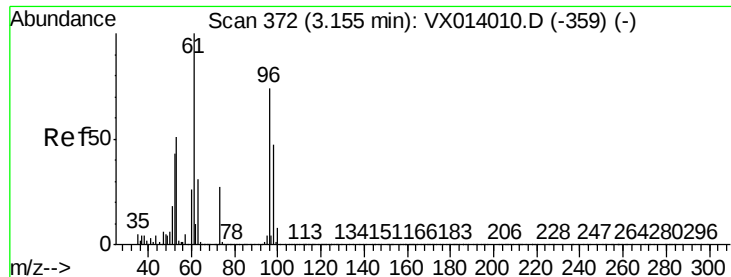
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#20
Methylene Chloride
Concen: 48.917 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	95.8	143.6
51	37.7	29.8	44.8
86	65.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.716 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

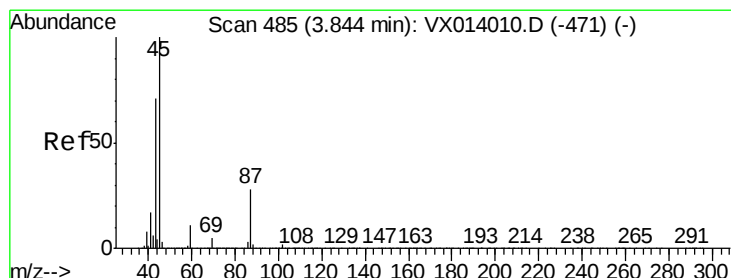
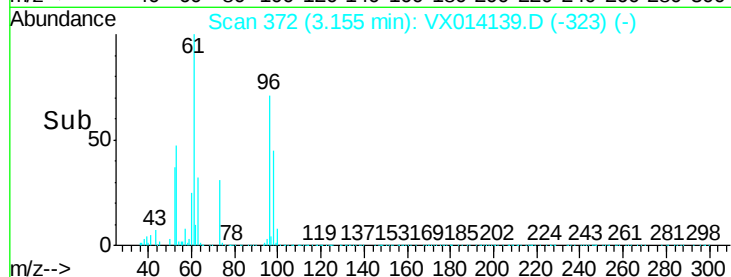
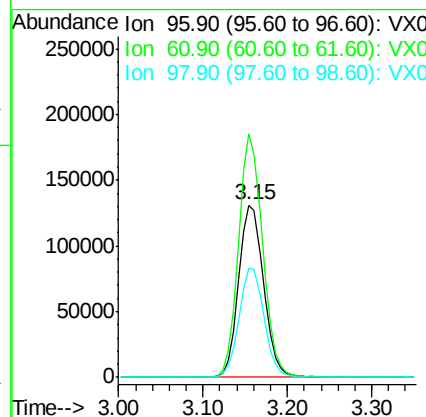
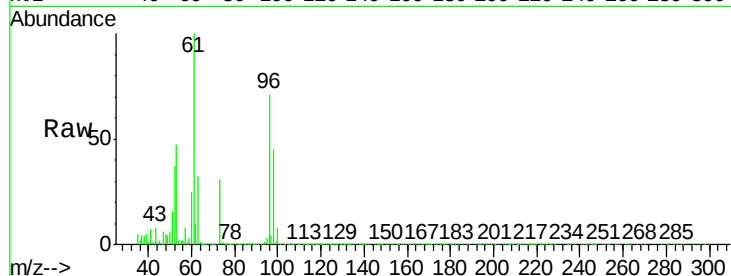
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	260441
Ion Ratio	Lower	Upper	
96	100		
61	141.3	108.3	162.5
98	63.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.917 ug/l

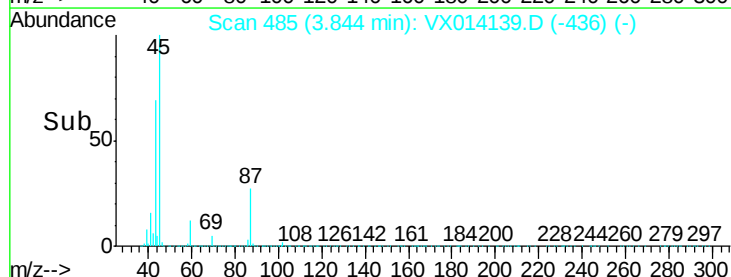
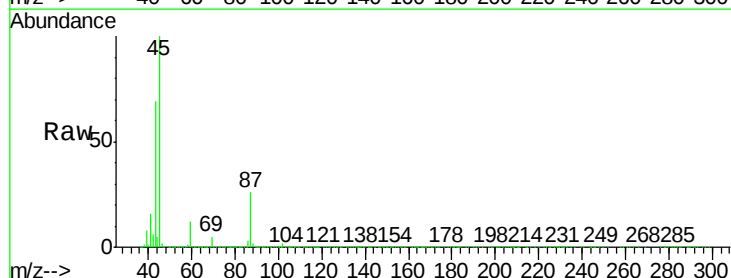
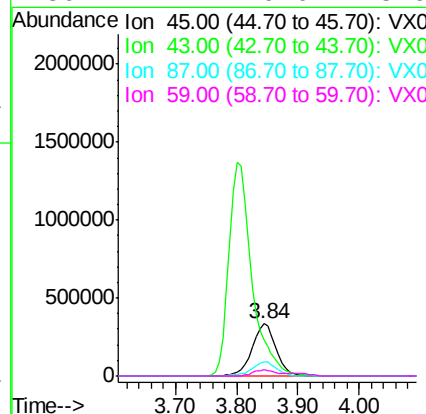
RT: 3.84 min Scan# 485

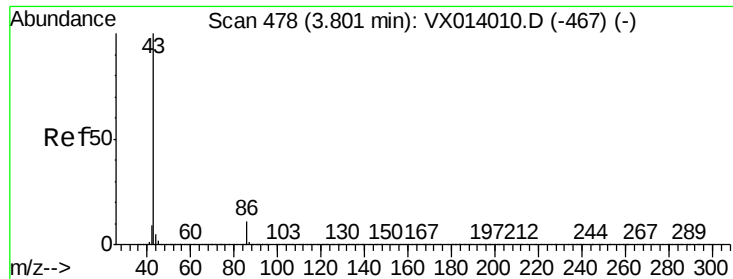
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	45	Resp:	913647
Ion Ratio	Lower	Upper	
45	100		
43	69.2	57.4	86.0
87	26.4	21.9	32.9
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 253.216 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3567761

Ion Ratio Lower Upper

43 100

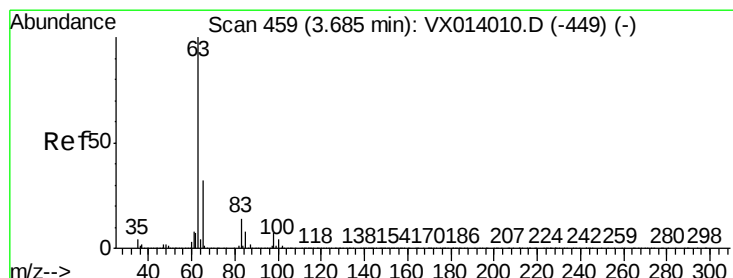
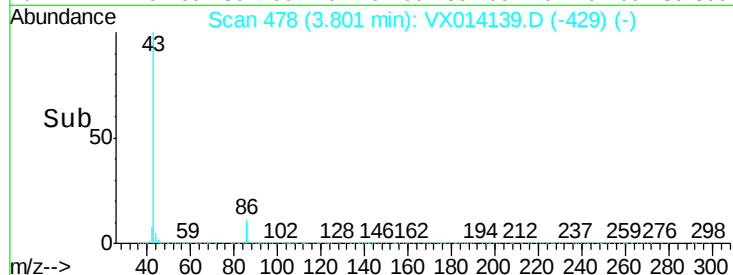
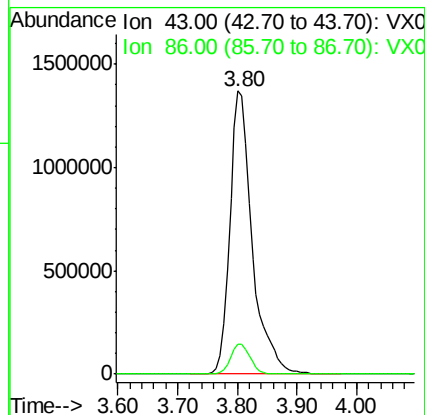
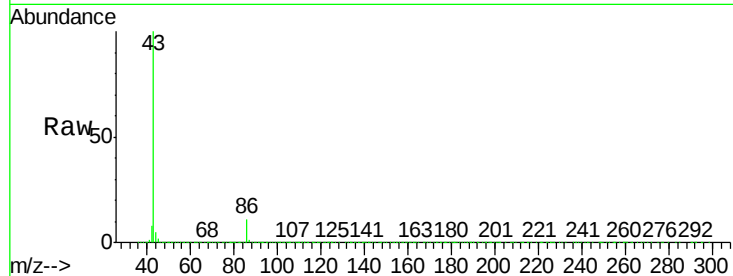
86 10.6 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.536 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

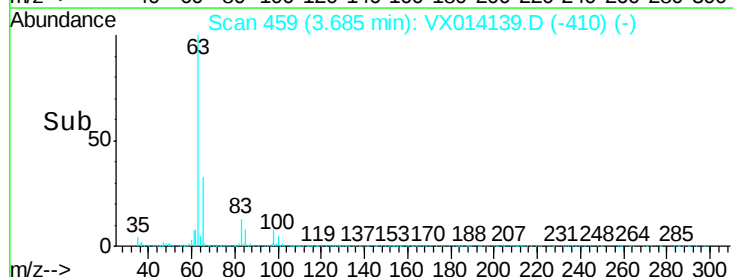
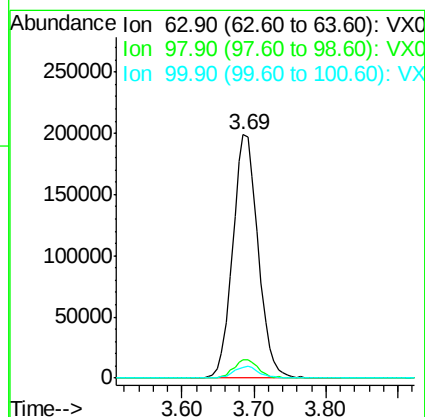
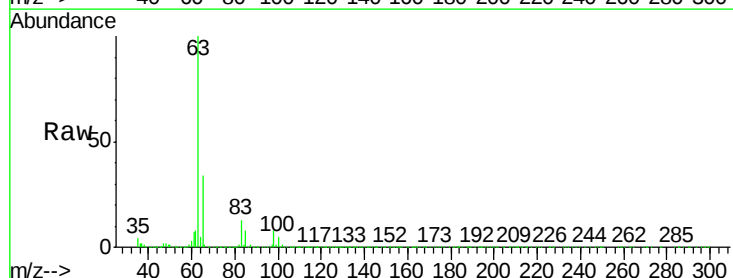
Tgt Ion: 63 Resp: 485442

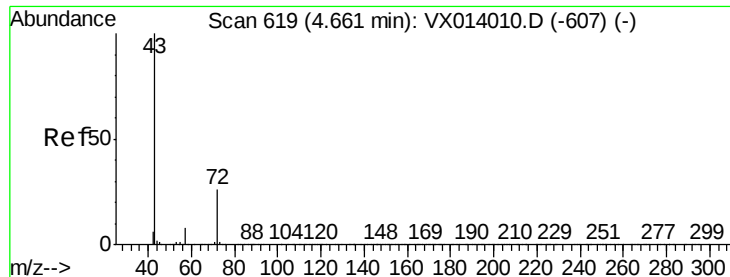
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 247.758 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tot Ion: 43 Resp: 1133805

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

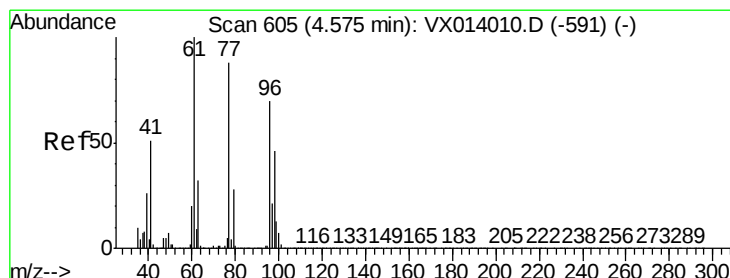
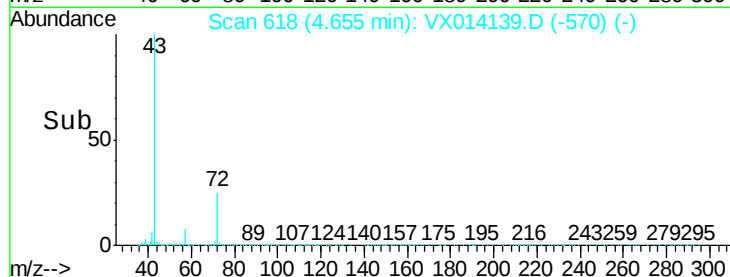
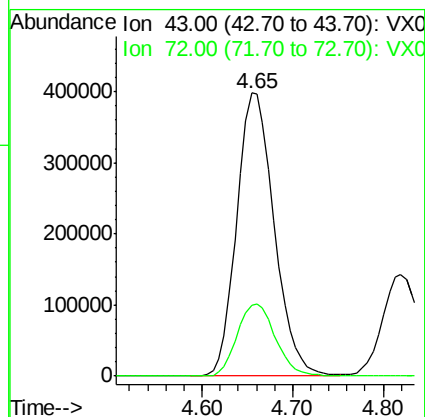
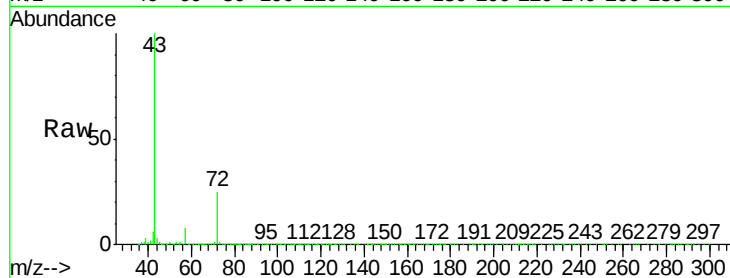
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 45.231 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014139.D

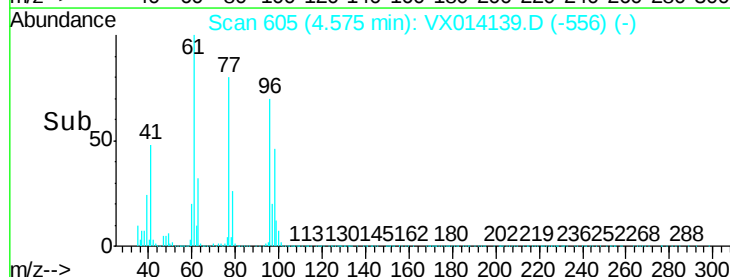
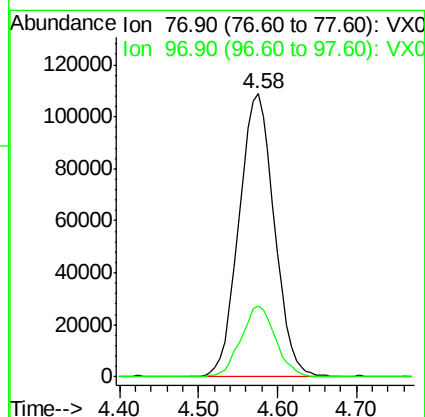
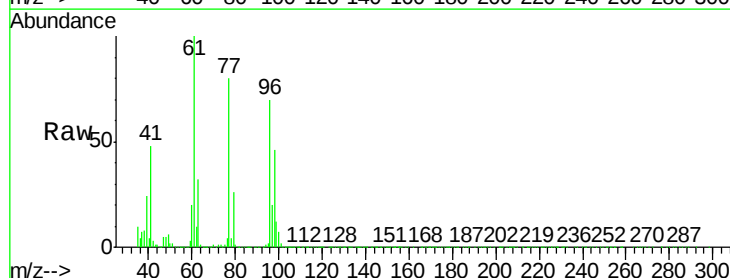
Acq: 19 Dec 2019 22:50

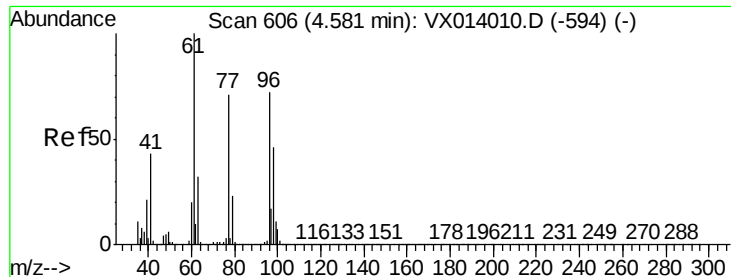
Tgt Ion: 77 Resp: 337339

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.9





#27

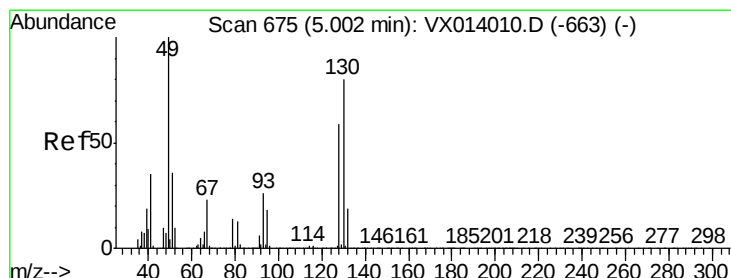
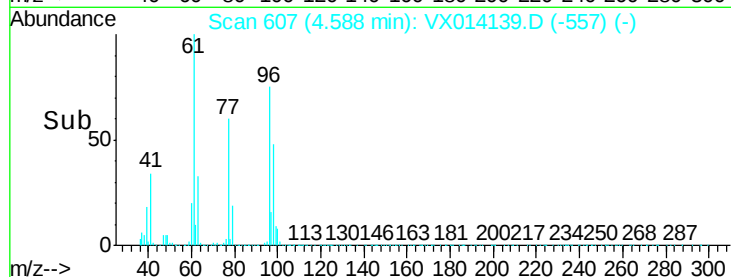
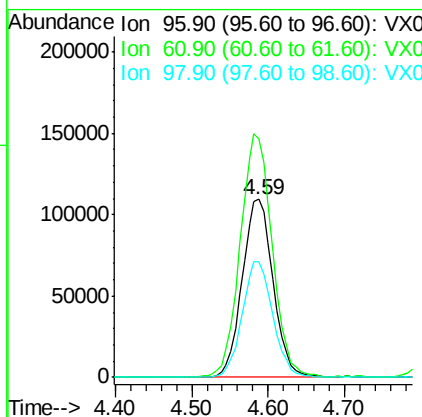
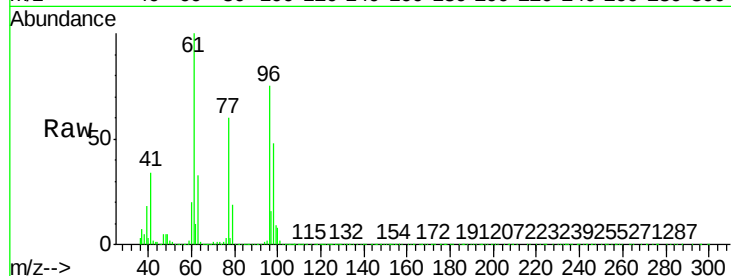
cis-1,2-Dichloroethene
Concen: 50.853 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	307464		
61	140.4	0.0	288.4	
98	64.0	0.0	129.6	

Manual Integrations
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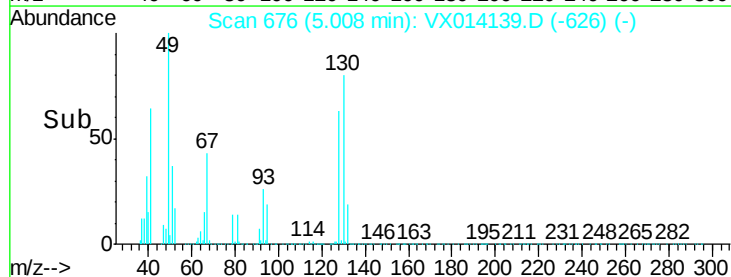
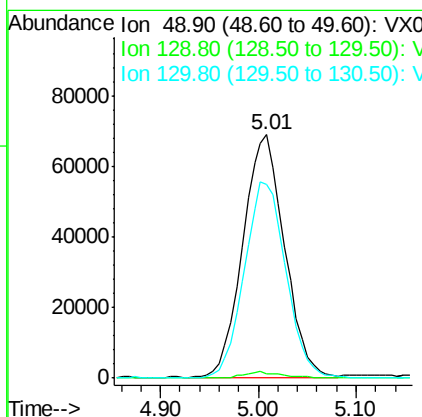
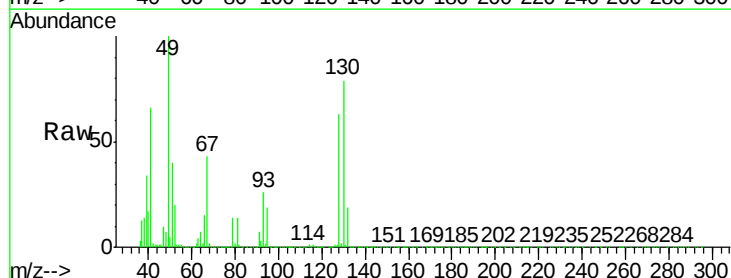
apatel
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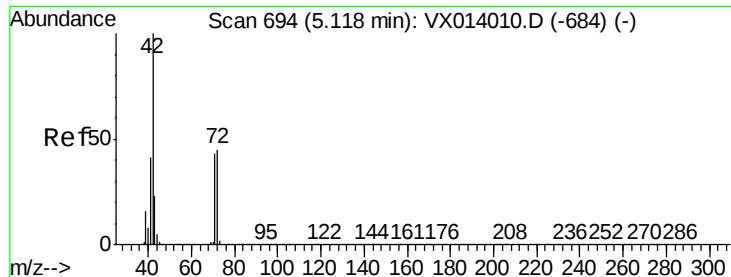


#28

Bromochloromethane
Concen: 55.333 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	204596		
129	2.5	0.0	5.0	
130	80.0	64.6	97.0	





#29

Tetrahydrofuran

Concen: 271.648 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

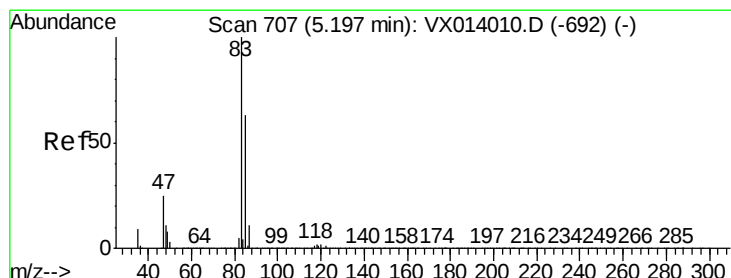
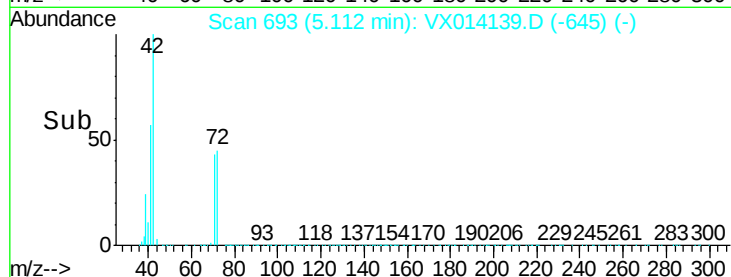
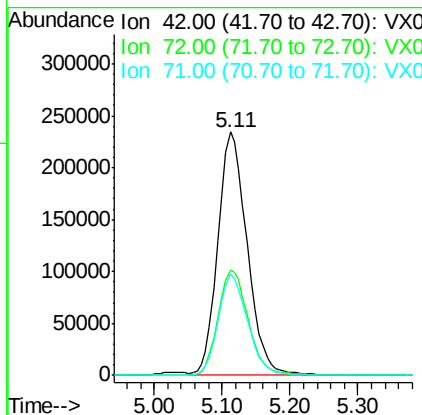
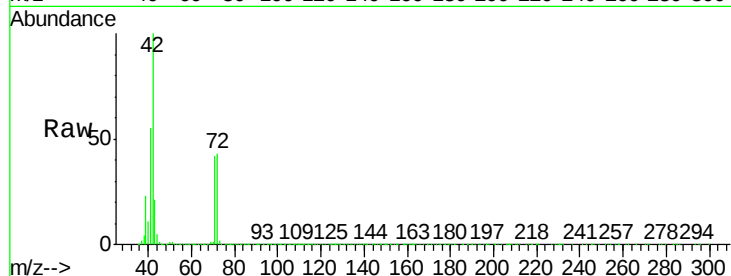
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	695314
Ion Ratio		Lower	Upper
42	100		
72	44.6	35.8	53.8
71	41.4	33.6	50.4

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#30

Chloroform

Concen: 51.715 ug/l

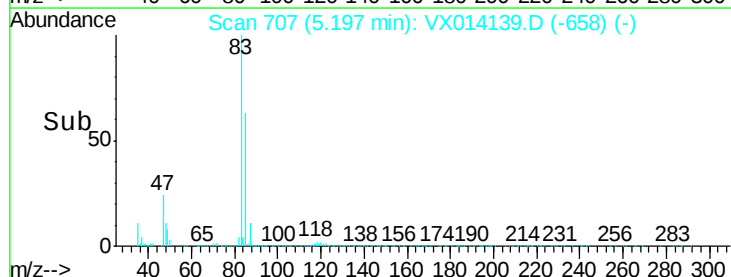
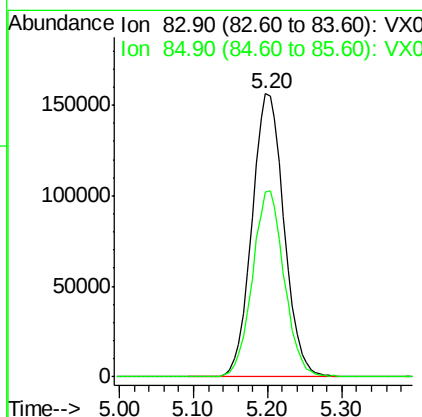
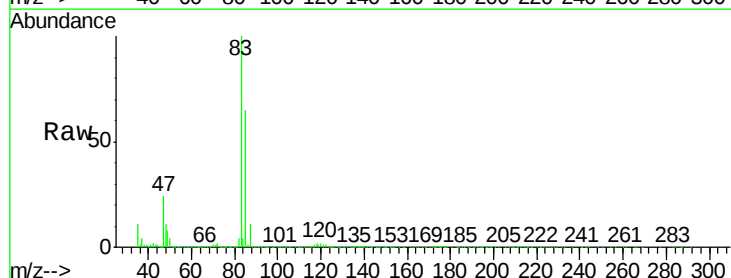
RT: 5.20 min Scan# 707

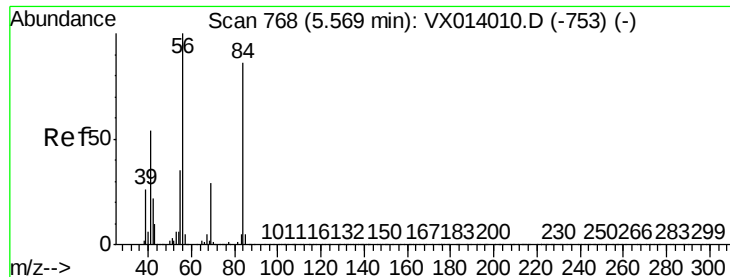
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	83	Resp:	470923
Ion Ratio		Lower	Upper
83	100		
85	65.2	50.8	76.2





#31

Cyclohexane

Concen: 48.594 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

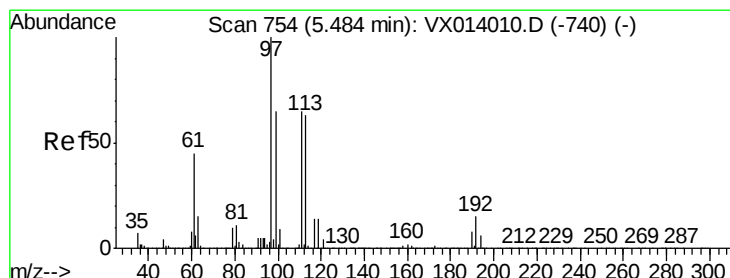
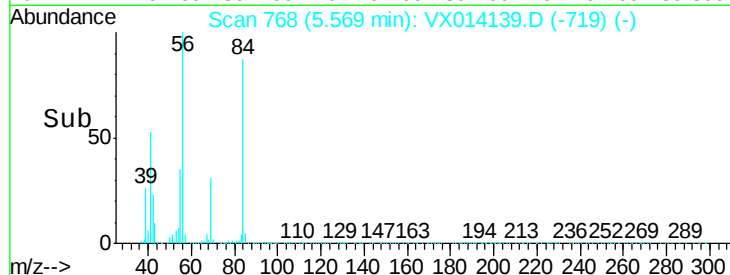
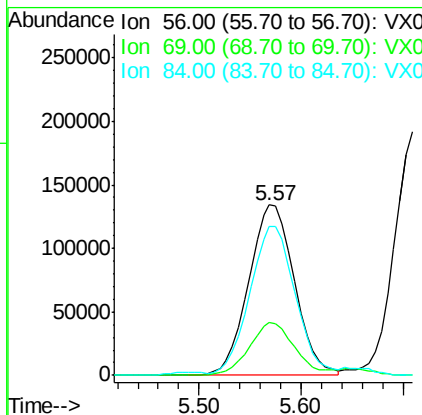
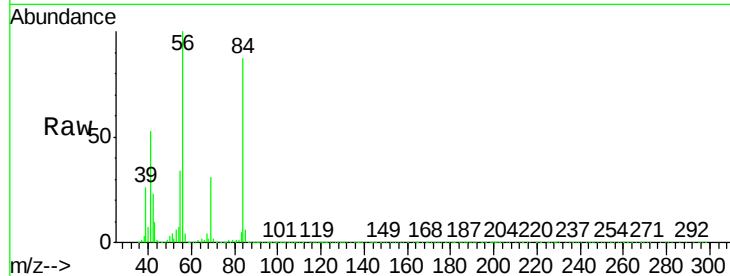
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.1	23.2	34.8	
84	85.8	69.2	103.8	

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#32

1,1,1-Trichloroethane

Concen: 50.506 ug/l

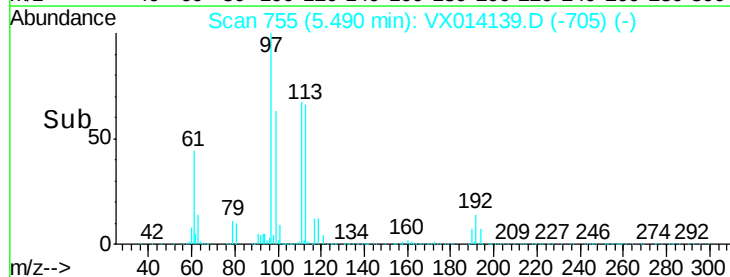
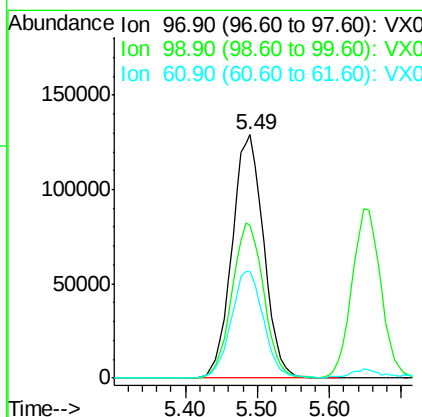
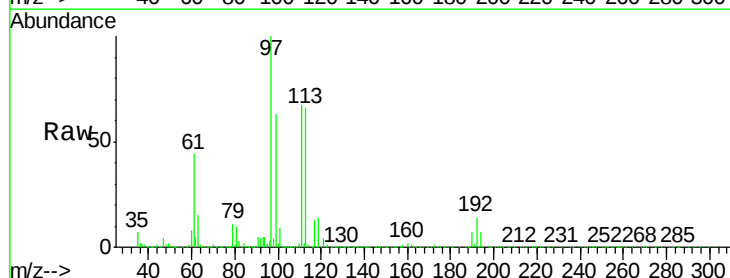
RT: 5.49 min Scan# 755

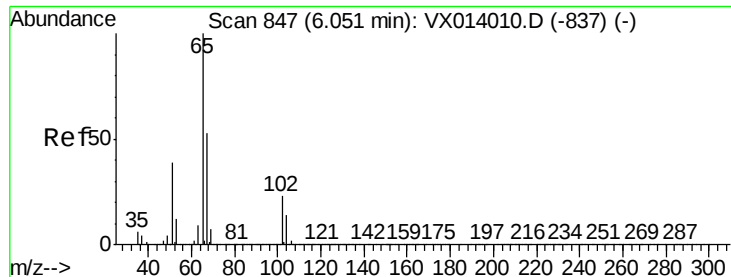
Delta R.T. 0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	52.0	78.0	
61	44.8	36.7	55.1	





#33

1,2-Dichloroethane-d4

Concen: 50.244 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 287267

Ion Ratio Lower Upper

65 100

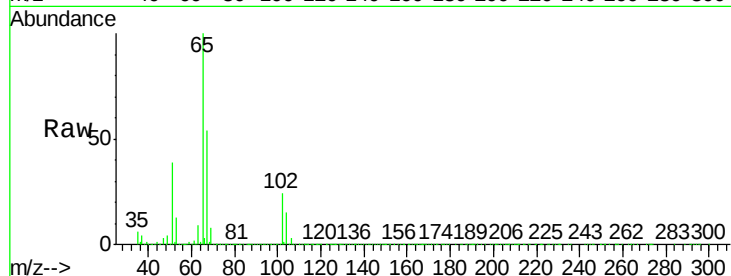
67 52.7 0.0 106.4

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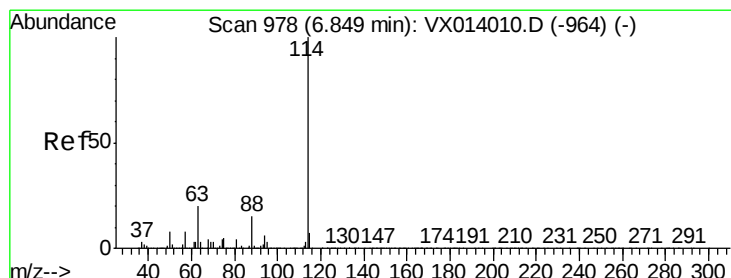
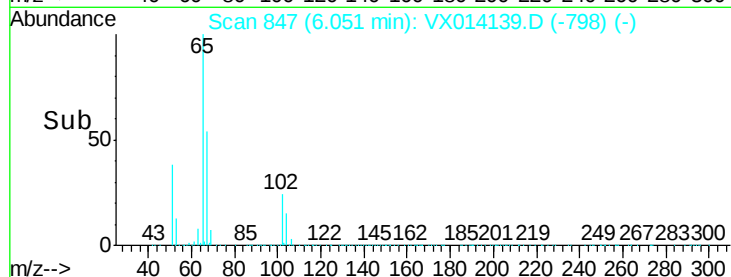
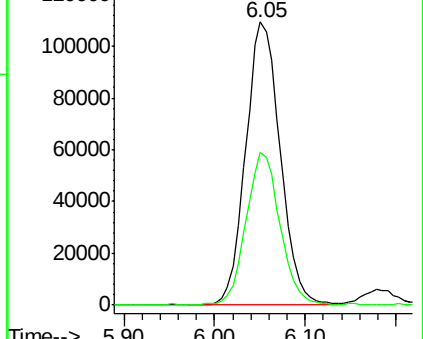
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX014139.D

Acq: 19 Dec 2019 22:50

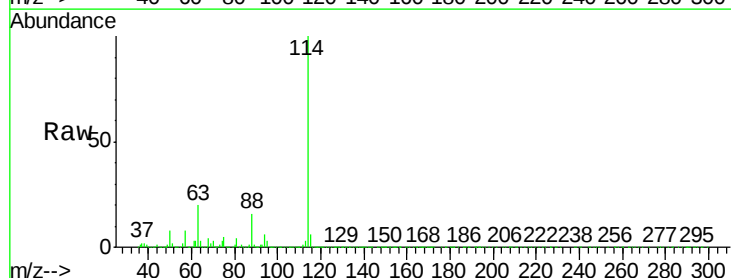
Tgt Ion: 114 Resp: 784291

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

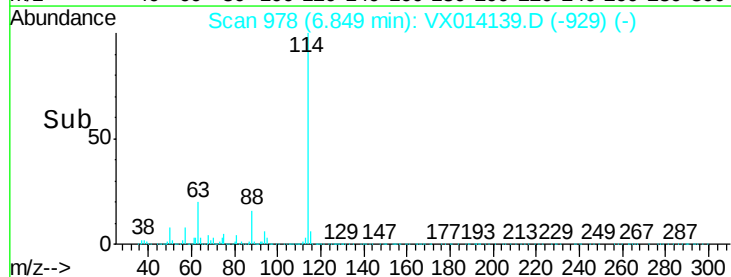
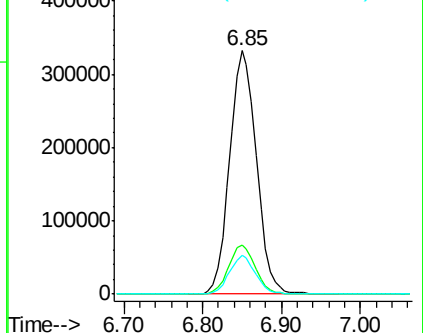
88 15.8 0.0 30.4

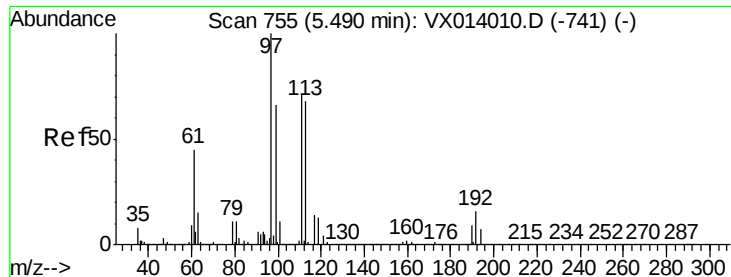


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





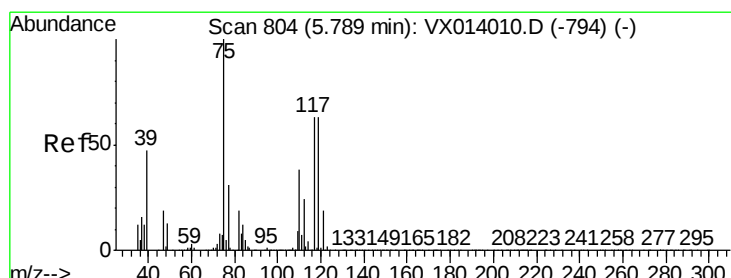
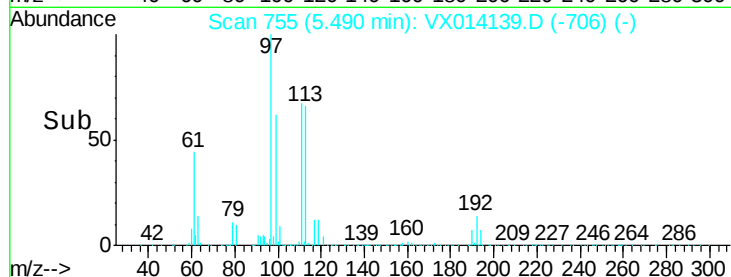
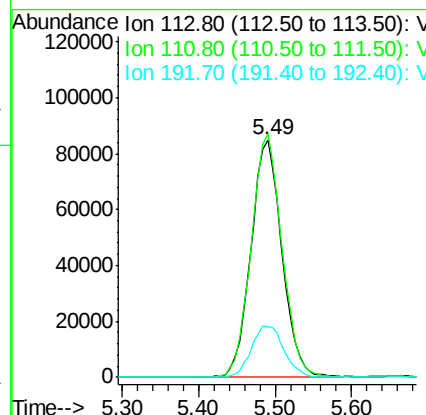
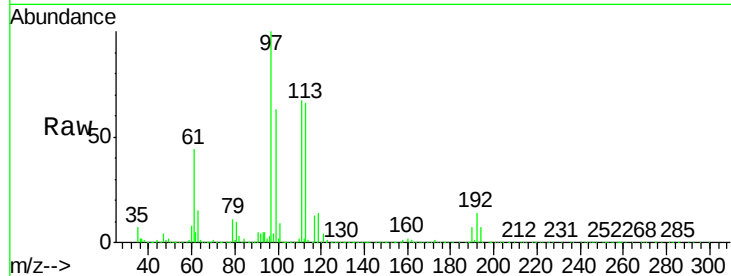
#35
 Dibromofluoromethane
 Concen: 50.127 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	238987		
111	102.7	82.0	123.0	
192	23.2	19.3	28.9	

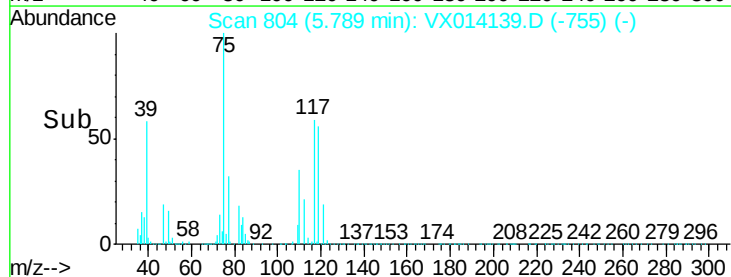
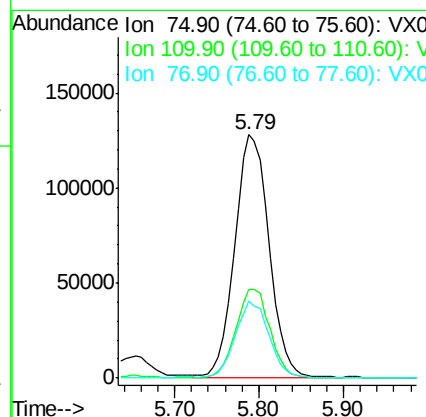
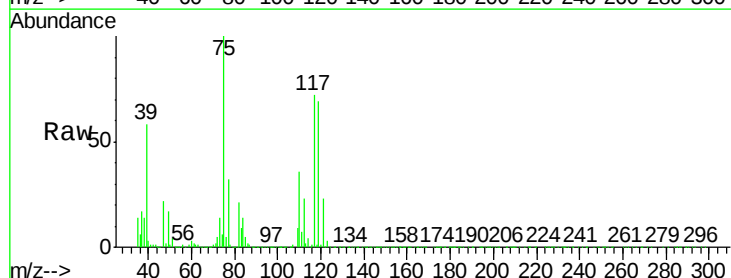
Manual Integrations
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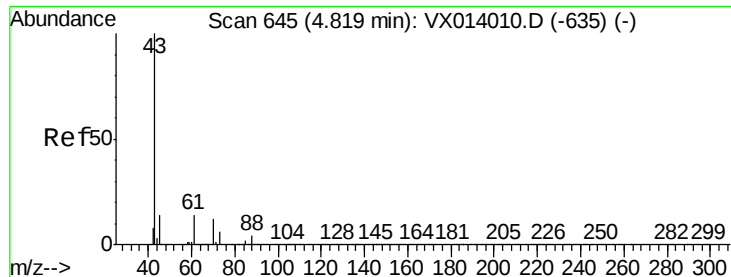
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#36
 1,1-Dichloropropene
 Concen: 48.431 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	348525		
110	36.6	18.3	54.9	
77	30.6	24.8	37.2	





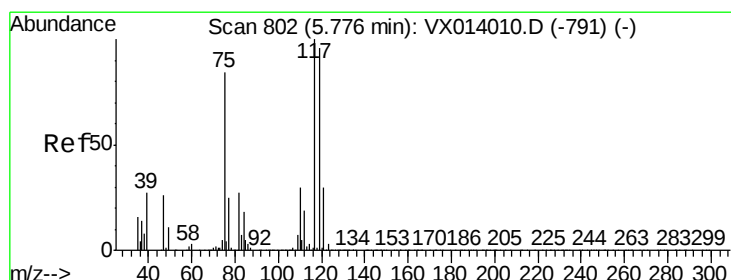
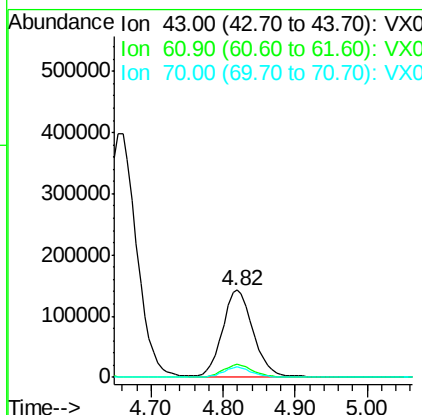
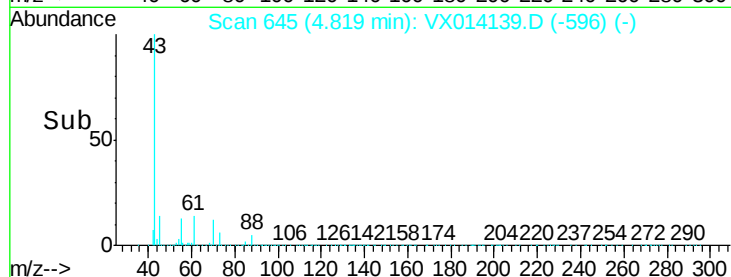
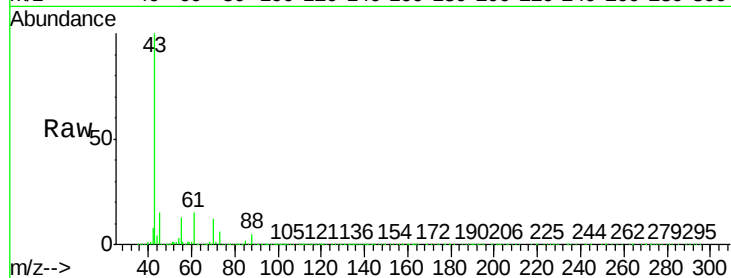
#37
Ethyl Acetate
Concen: 52.674 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	418586
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	11.1	8.6	12.8

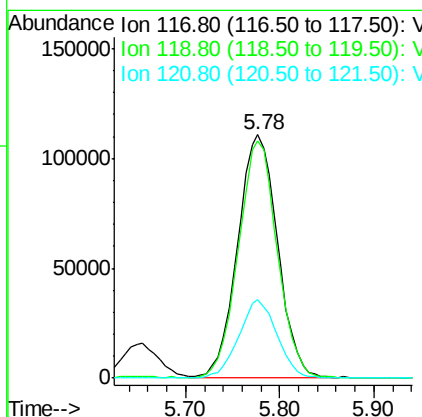
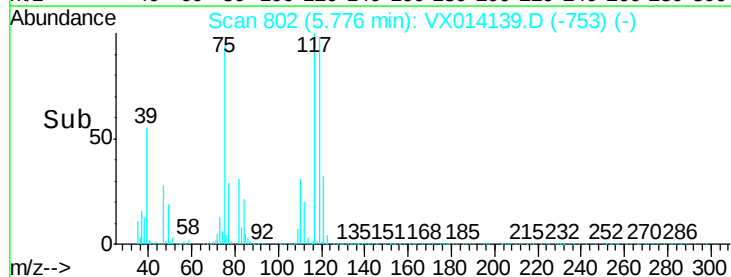
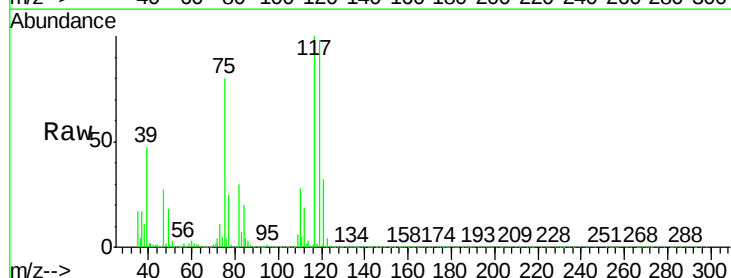
Manual Integrations
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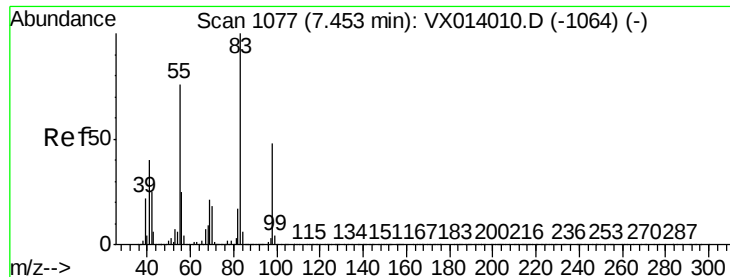
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#38
Carbon Tetrachloride
Concen: 49.911 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	117	Resp	327205
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.2	114.4
121	32.0	23.6	35.4





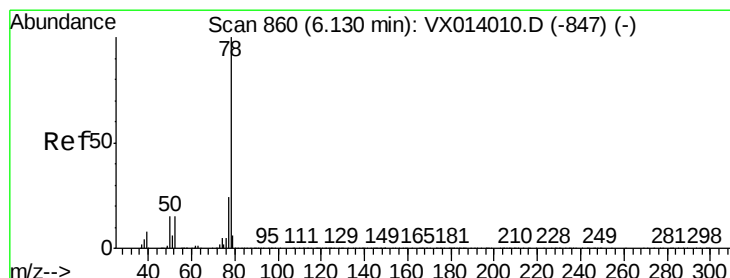
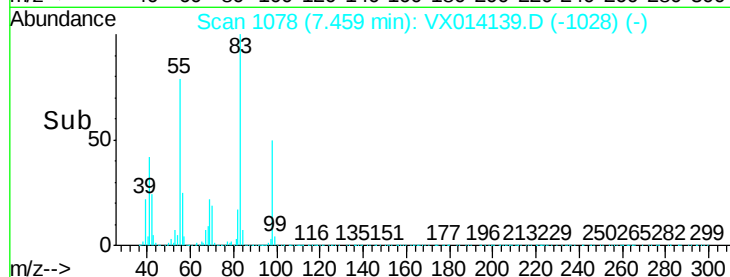
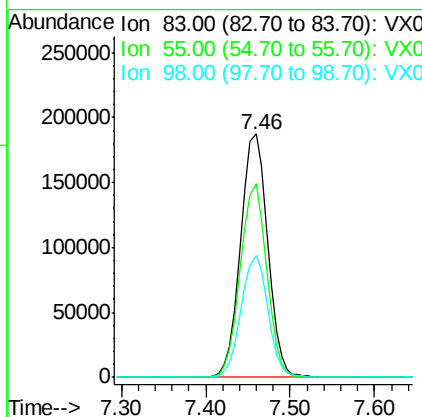
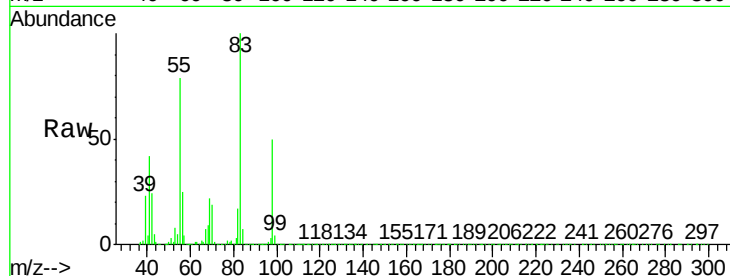
#39
Methvlcvclohexane
Concen: 45.811 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	61.0	91.6
98	50.2	38.6	57.8

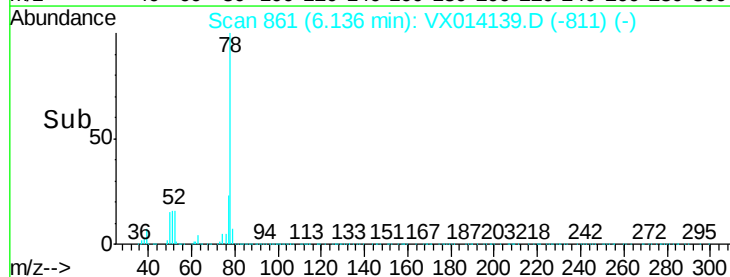
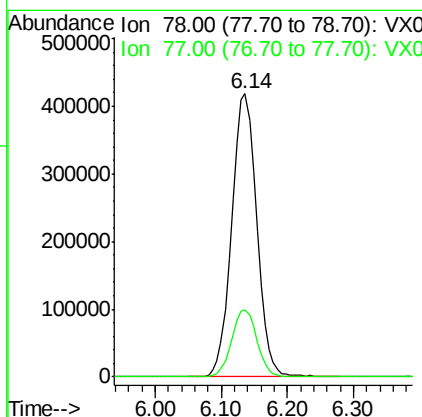
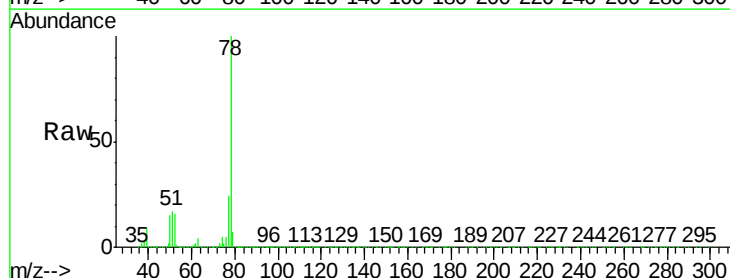
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#40
Benzene
Concen: 49.619 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





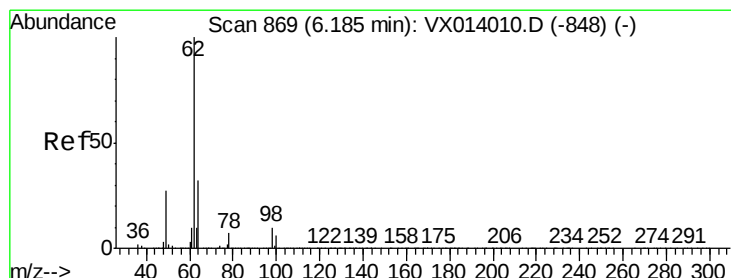
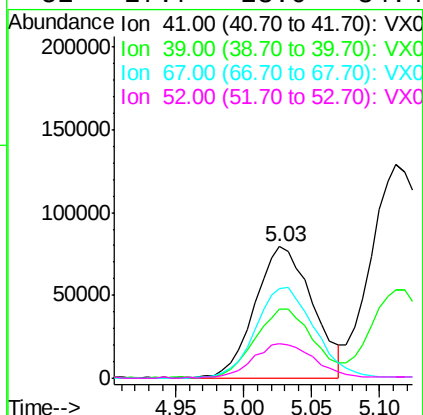
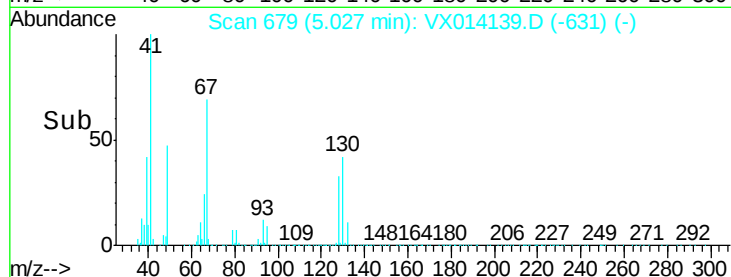
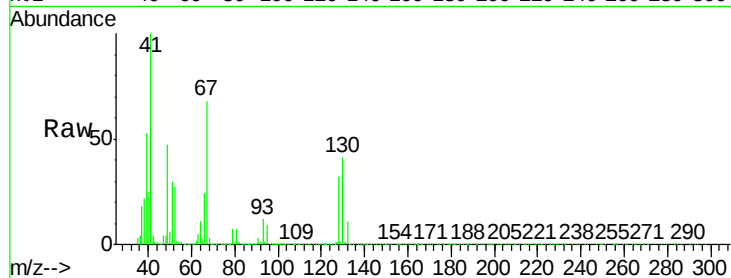
#41
Methacrylonitrile
Concen: 53.017 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.9	44.5	66.7
67	71.2	57.4	86.0
52	27.7	23.0	34.4

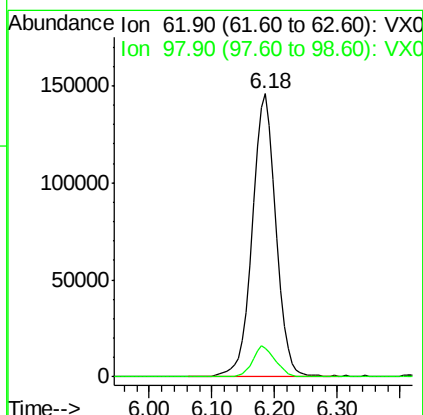
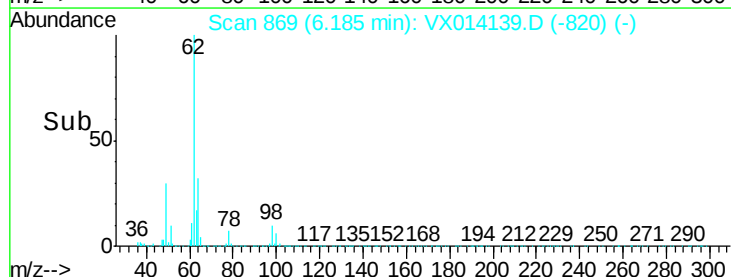
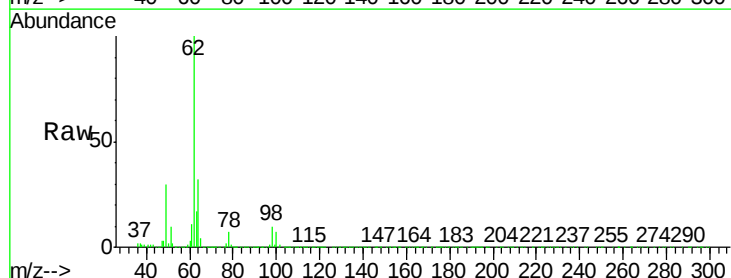
Manual Integrations
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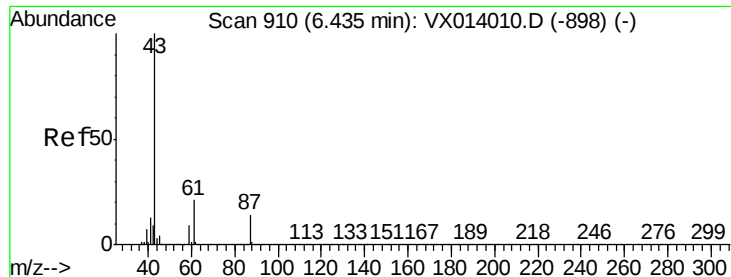
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#42
1,2-Dichloroethane
Concen: 50.737 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

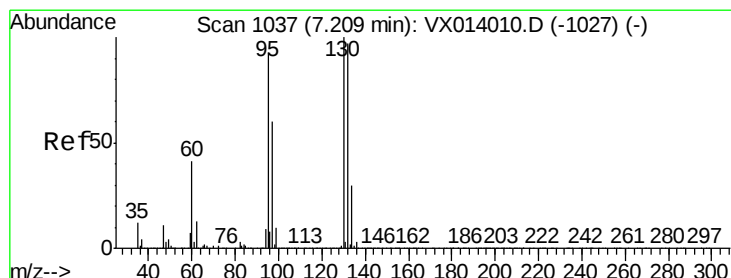
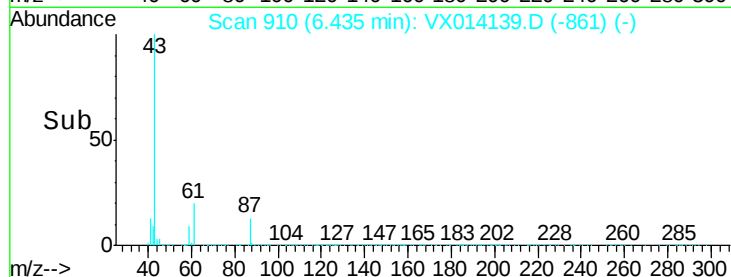
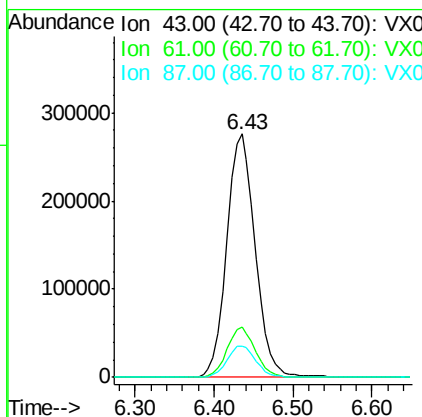
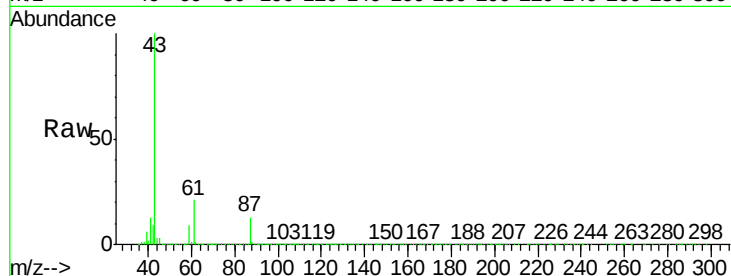
Isopropyl Acetate
 Concen: 52.382 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	688896
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	13.1	10.7	16.1

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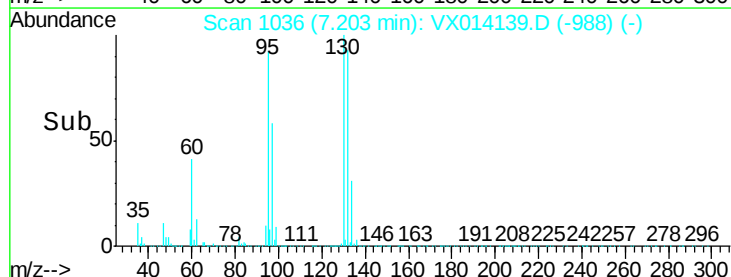
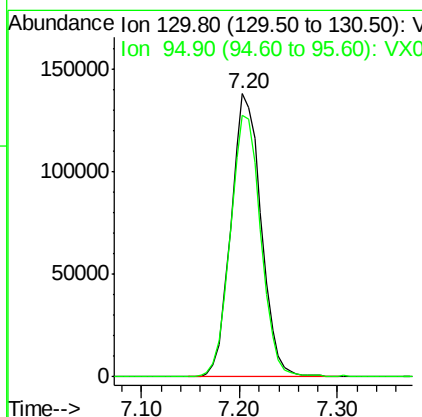
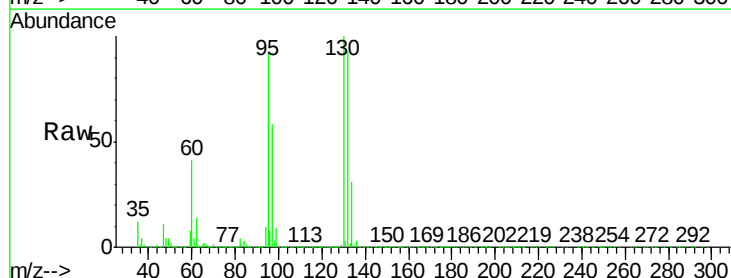
apatel
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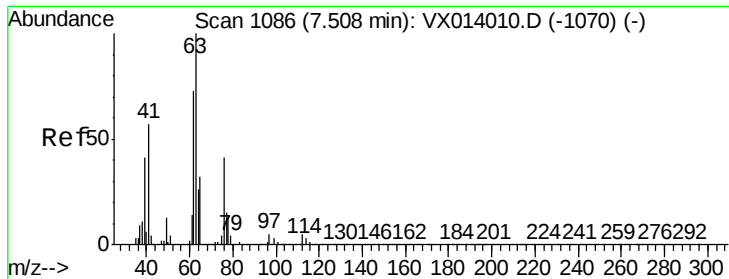


#44

Trichloroethene
 Concen: 48.288 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion:	130	Resp:	295324
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.6





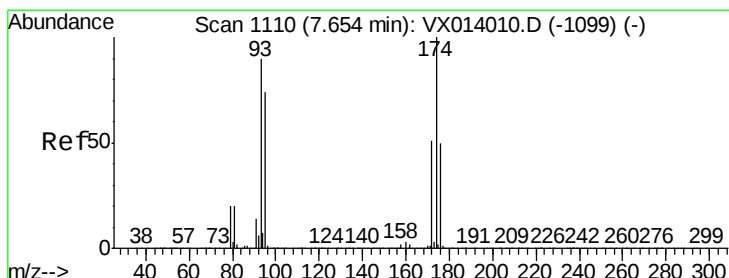
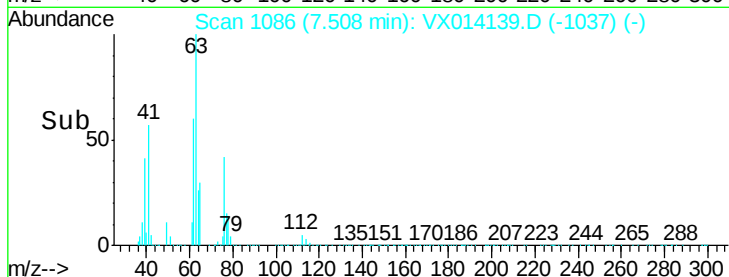
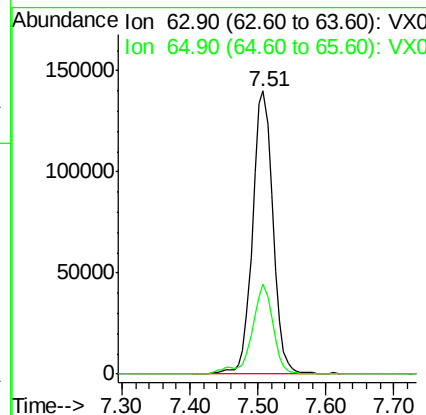
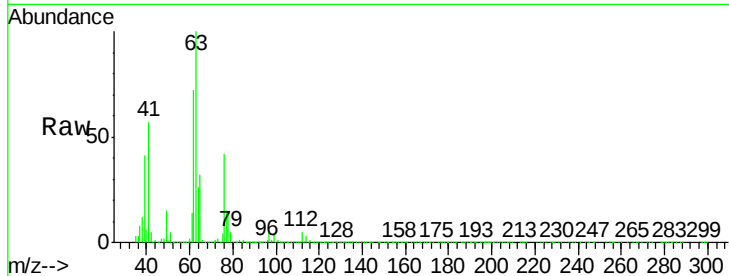
#45
 1,2-Dichloropropane
 Concen: 51.217 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.8

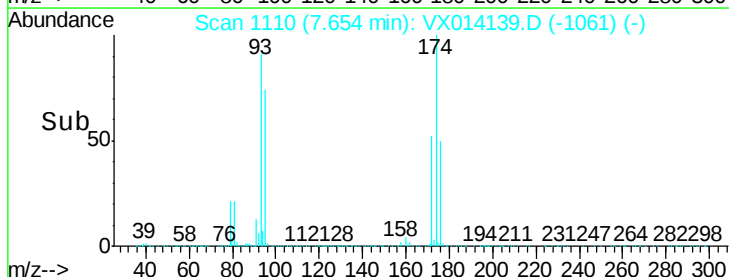
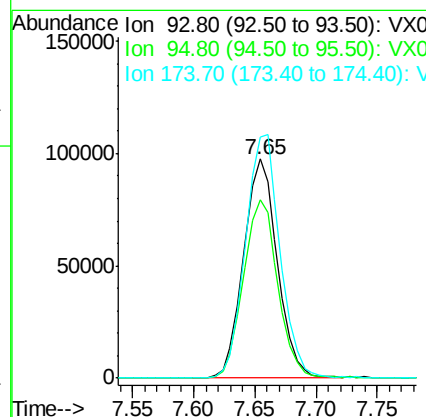
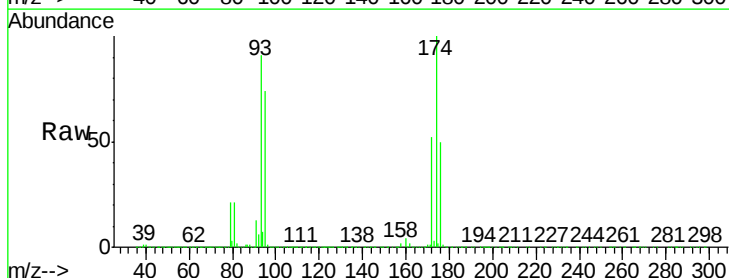
Manual Integrations
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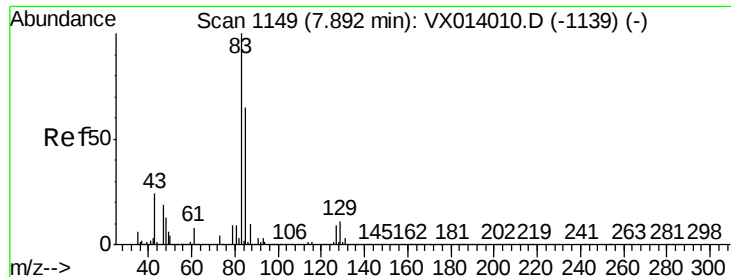
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#46
 Dibromomethane
 Concen: 49.653 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.3	100.9
174	114.3	91.6	137.4





#47

Bromodichloromethane

Concen: 51.919 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

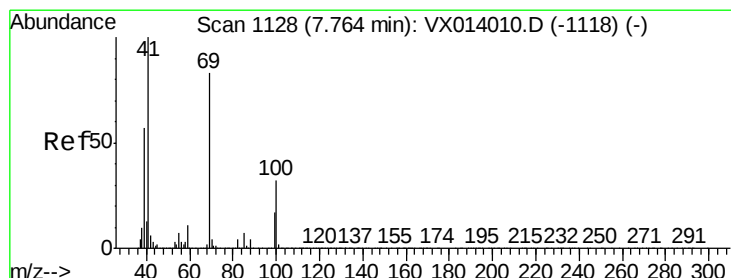
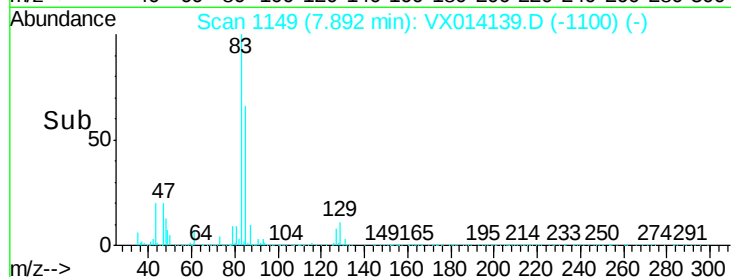
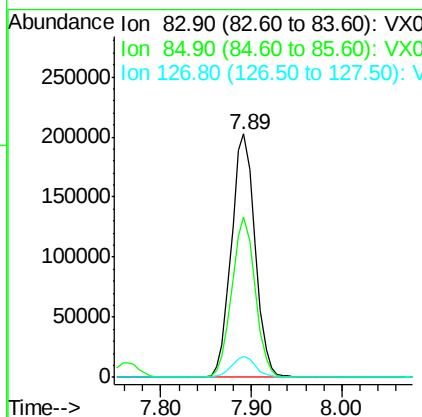
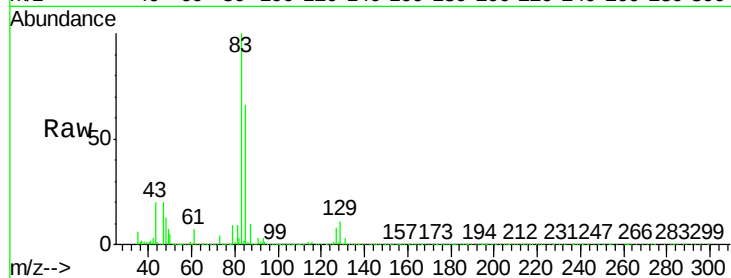
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	366894
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.8	77.8
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.661 ug/l

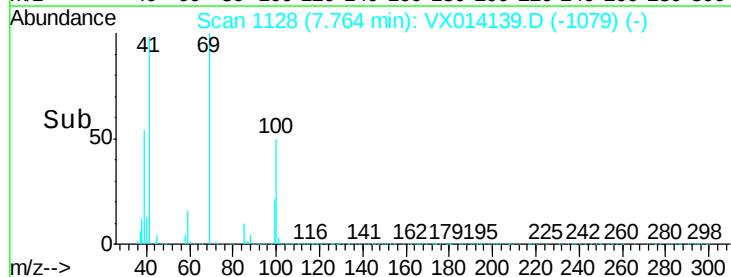
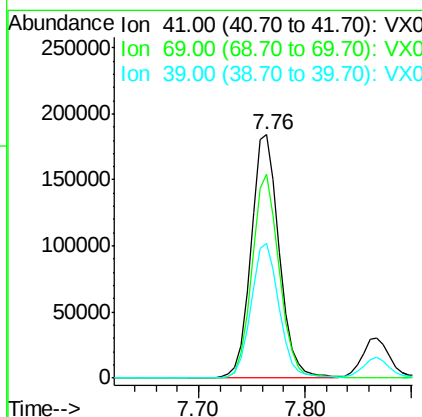
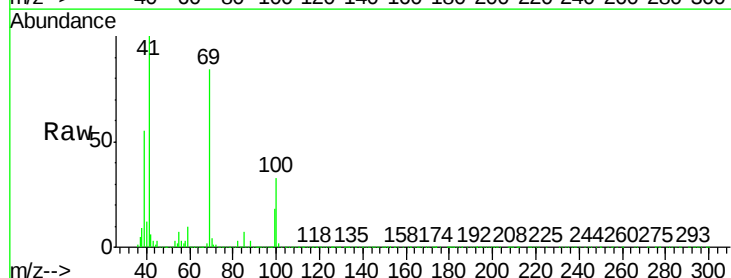
RT: 7.76 min Scan# 1128

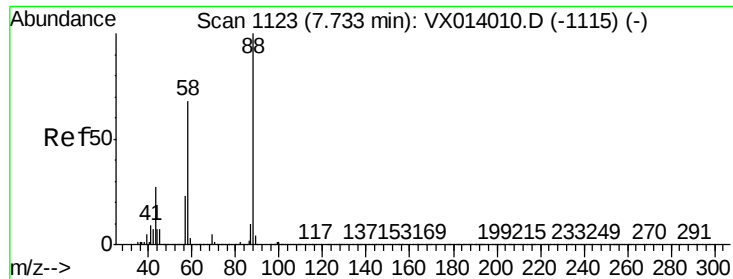
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	41	Resp:	339135
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.8	98.6
39	56.0	44.6	67.0





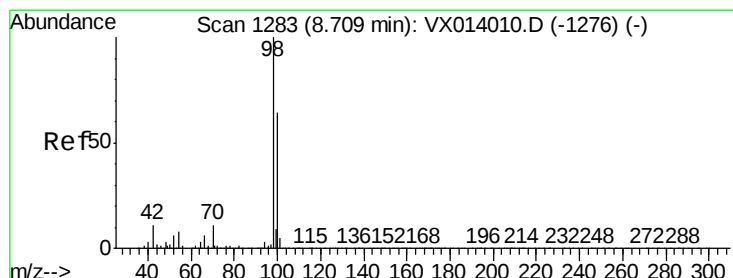
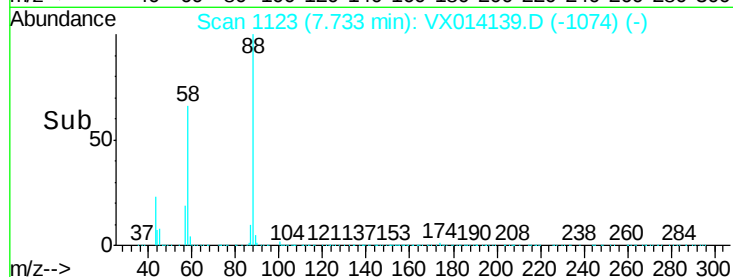
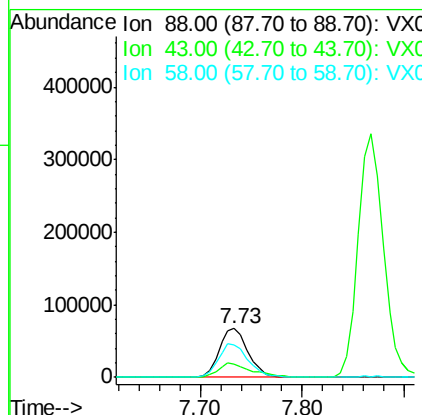
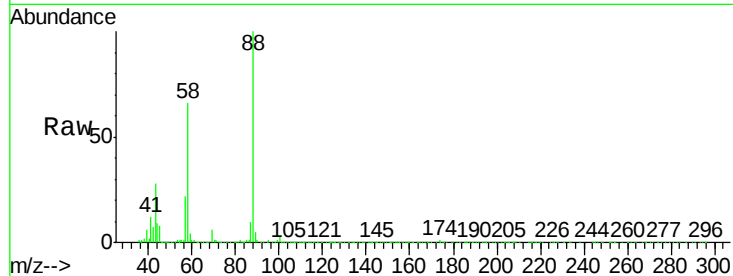
#49
1,4-Dioxane
Concen: 1015.870 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.5	39.7
58	70.7	56.8	85.2

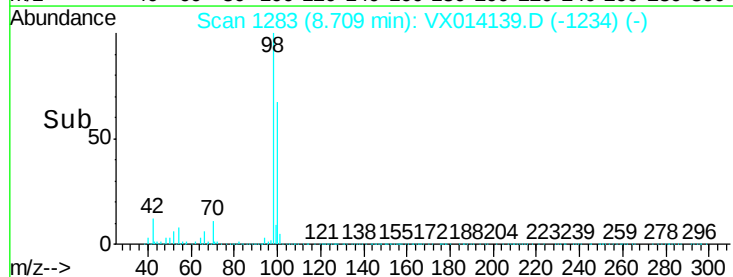
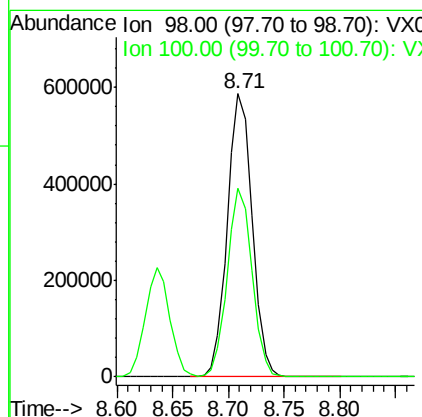
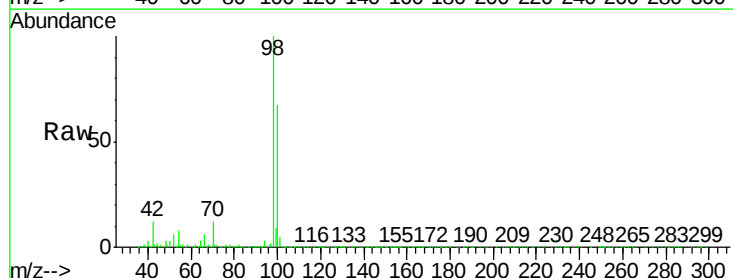
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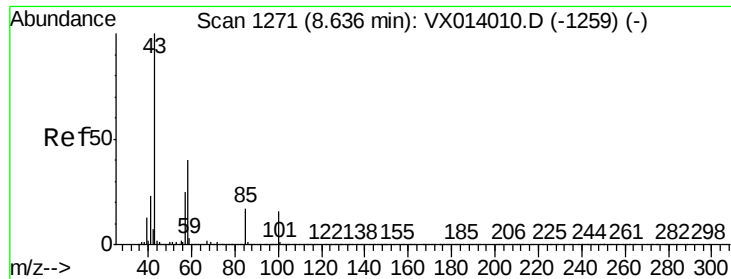
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#50
Toluene-d8
Concen: 48.910 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 259.791 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2145714

Ion Ratio Lower Upper

43 100

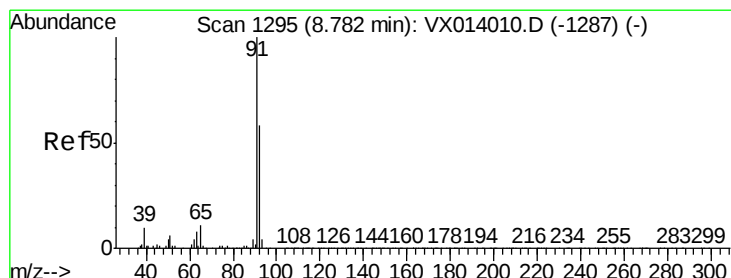
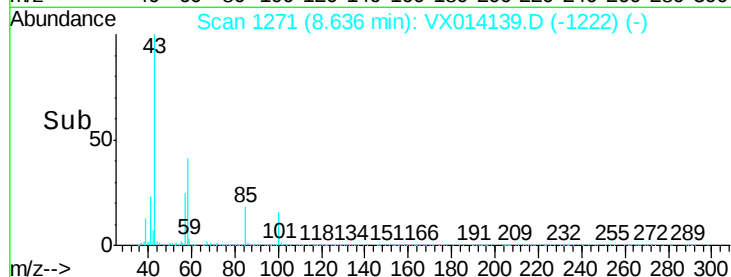
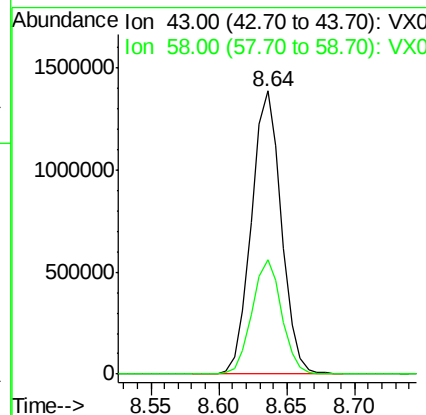
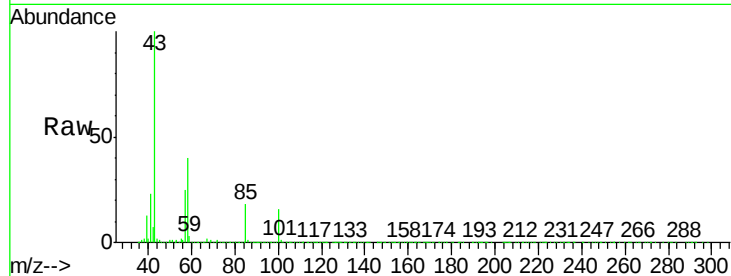
58 40.1 32.2 48.2

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#52

Toluene

Concen: 49.076 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014139.D

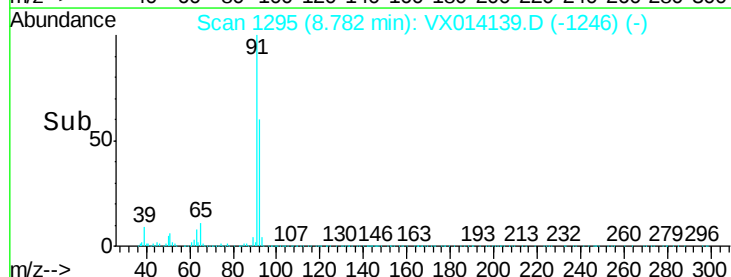
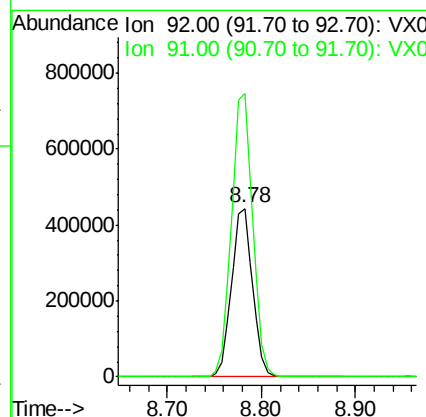
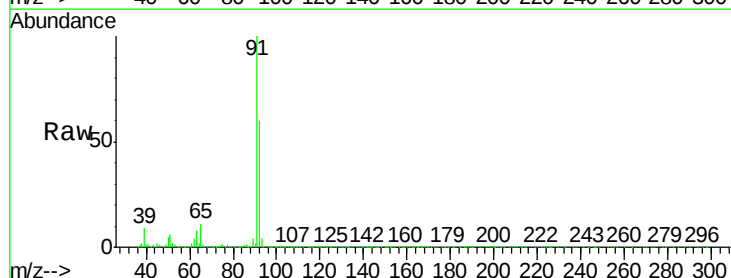
Acq: 19 Dec 2019 22:50

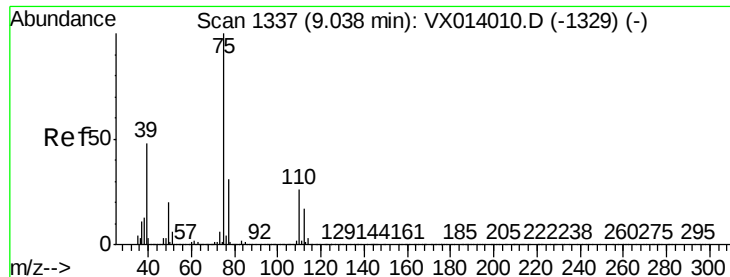
Tgt Ion: 92 Resp: 686833

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.4





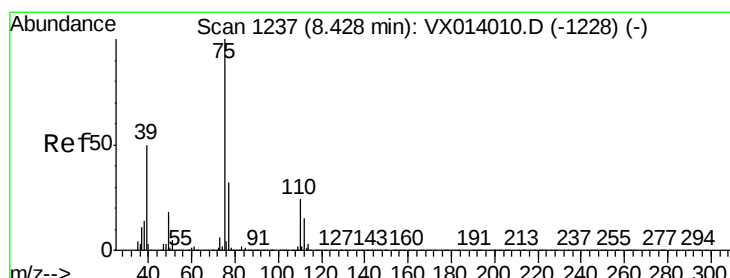
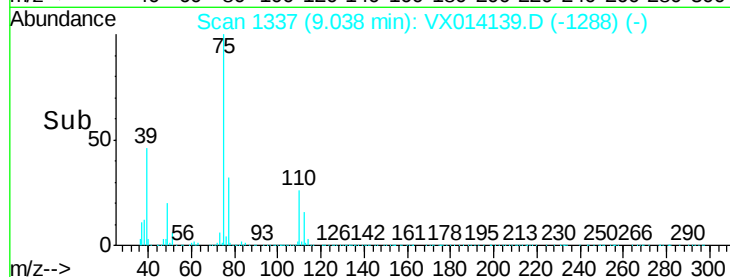
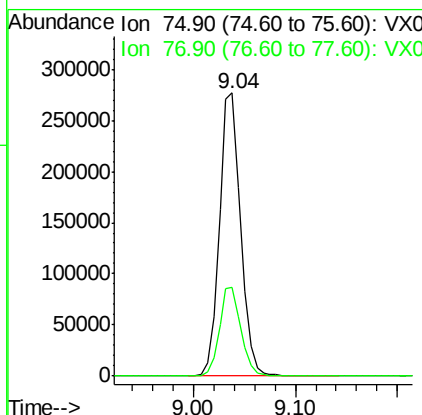
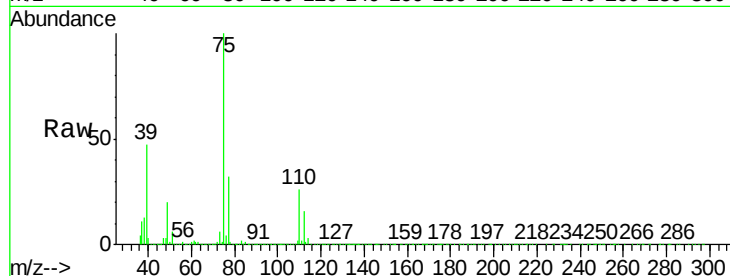
#53
t-1,3-Dichloropropene
Concen: 51.848 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

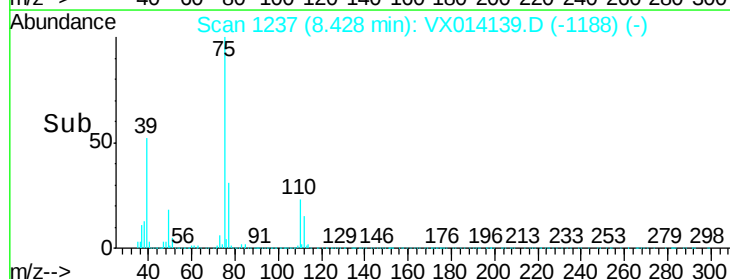
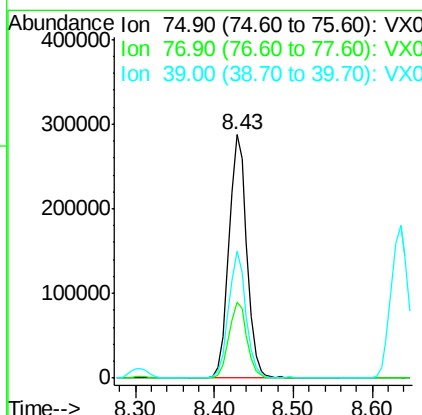
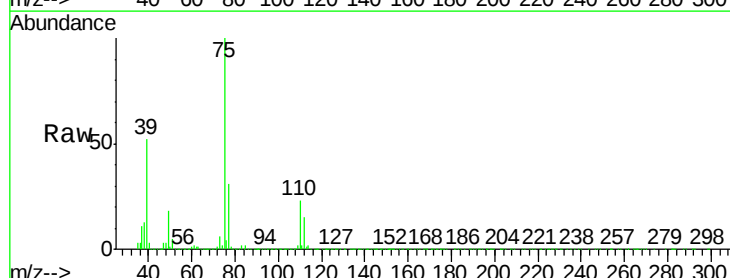
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#54
cis-1,3-Dichloropropene
Concen: 52.272 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	52.4	39.9	59.9





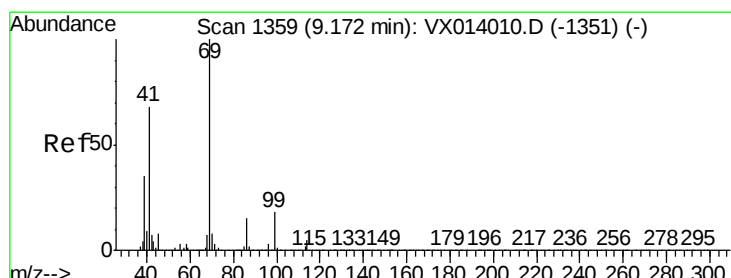
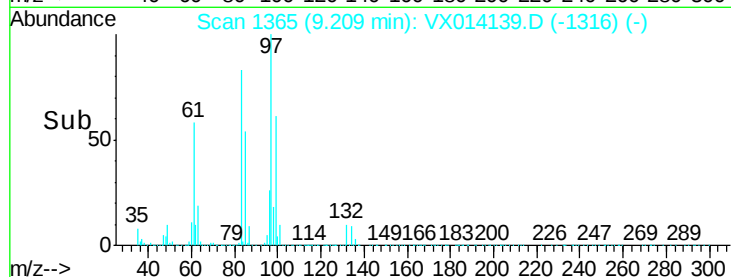
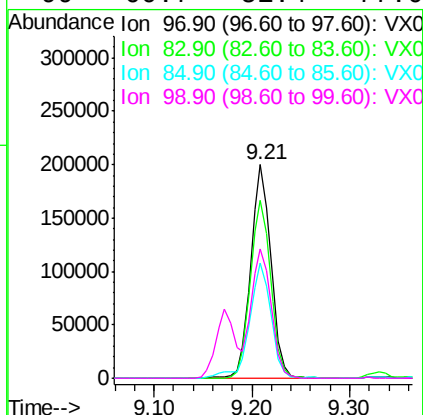
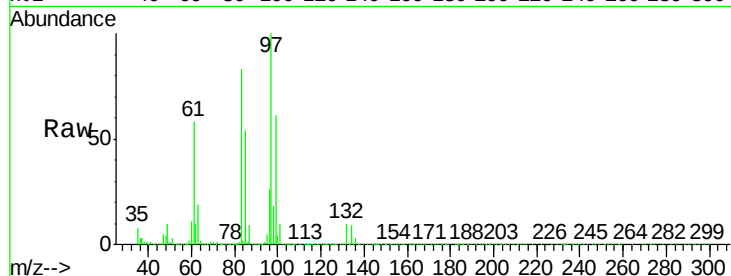
#55
 1,1,2-Trichloroethane
 Concen: 50.949 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		285787		
83	83.4	68.2	102.4		
85	53.8	44.6	66.8		
99	60.7	51.4	77.0		

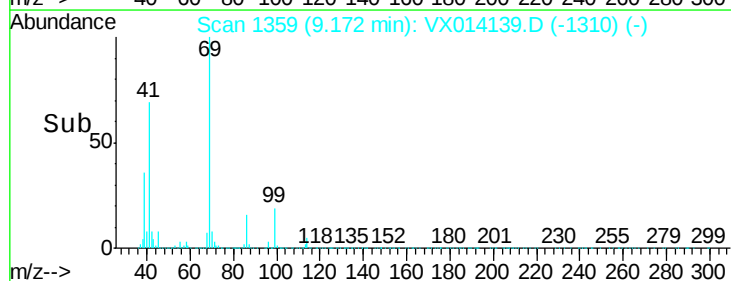
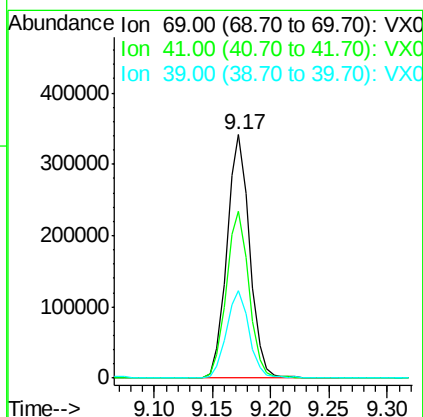
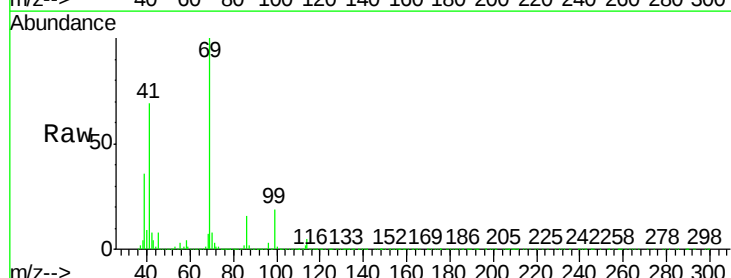
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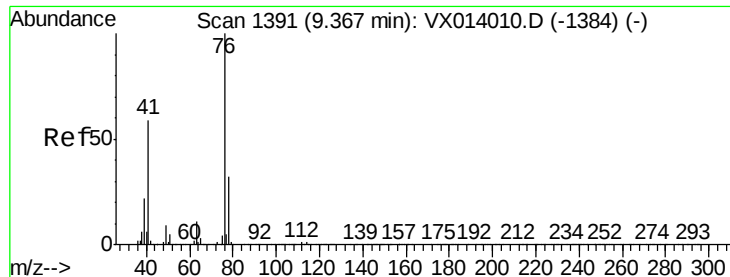
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#56
 Ethyl methacrylate
 Concen: 52.390 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		461618		
41	68.2	54.8	82.2		
39	35.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.838 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 479784

Ion Ratio Lower Upper

76 100

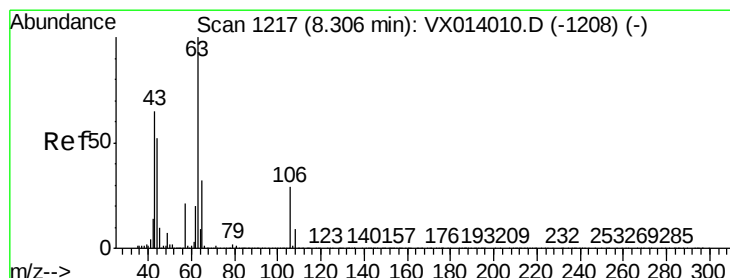
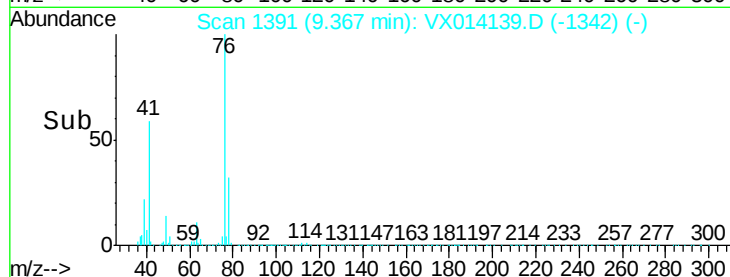
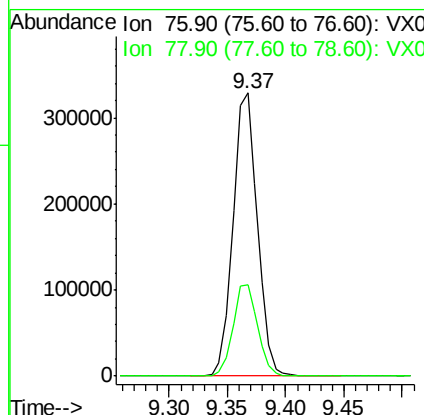
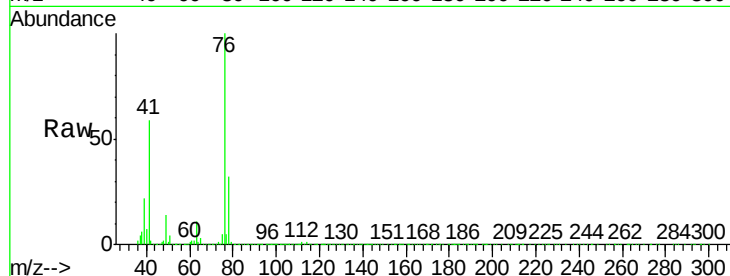
78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 272.008 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014139.D

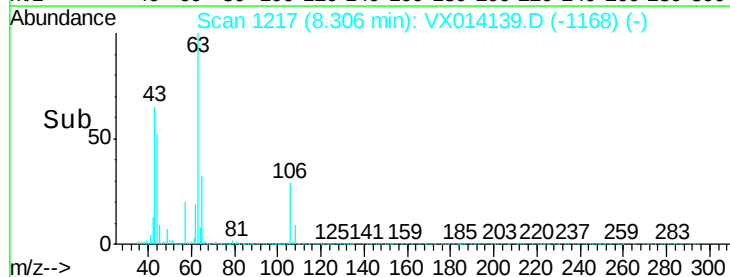
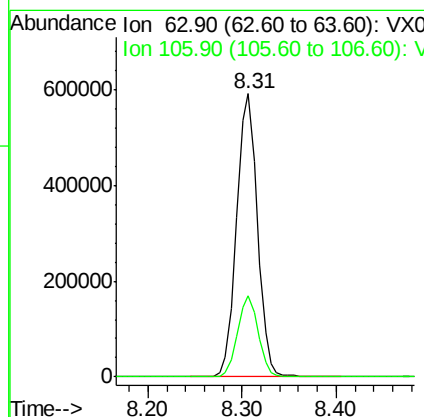
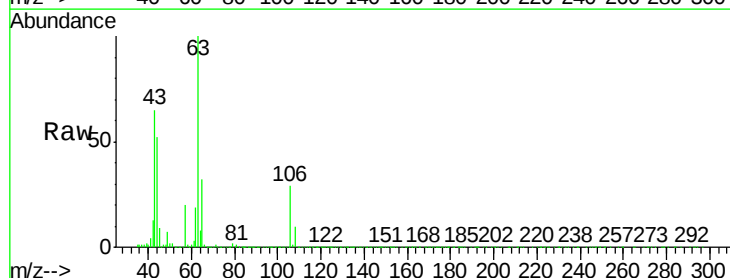
Acq: 19 Dec 2019 22:50

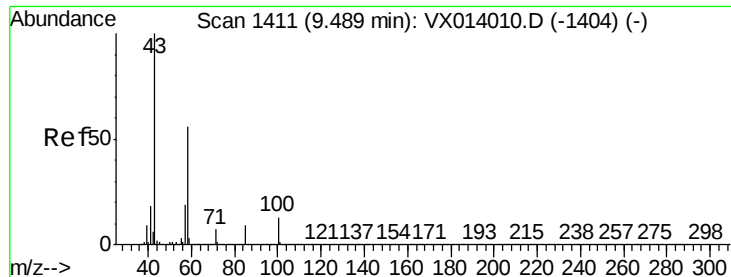
Tgt Ion: 63 Resp: 906999

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





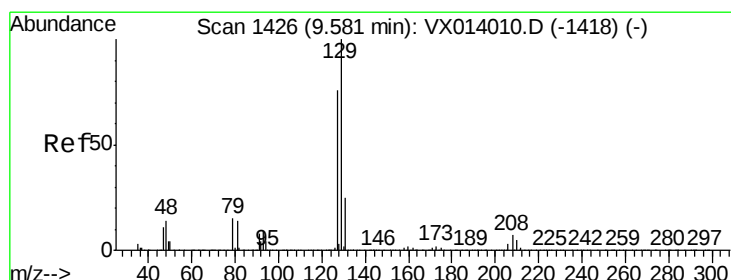
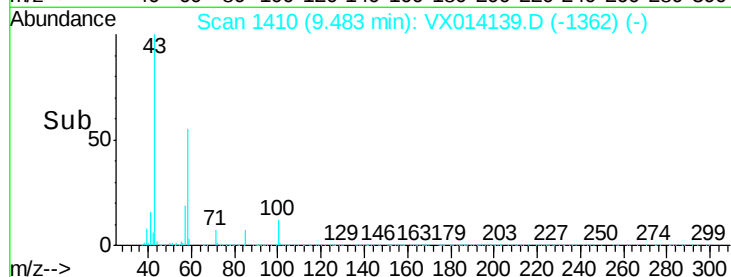
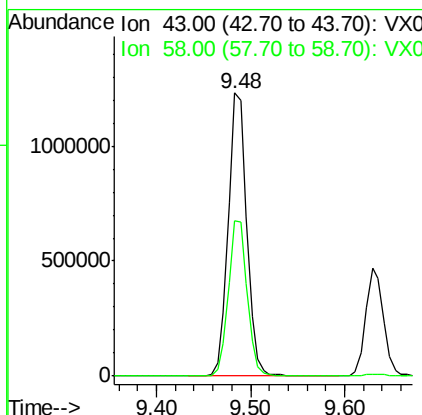
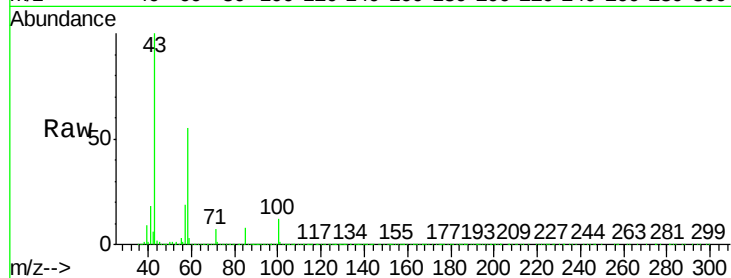
#59
2-Hexanone
Concen: 253.544 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1685770
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0

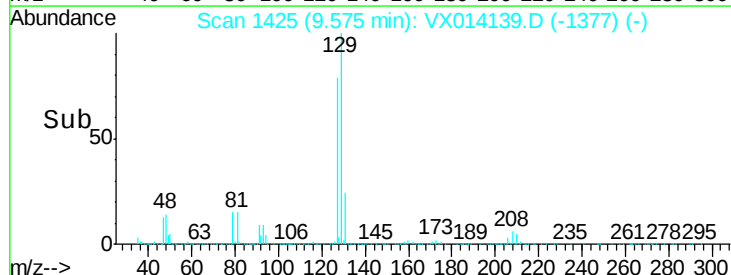
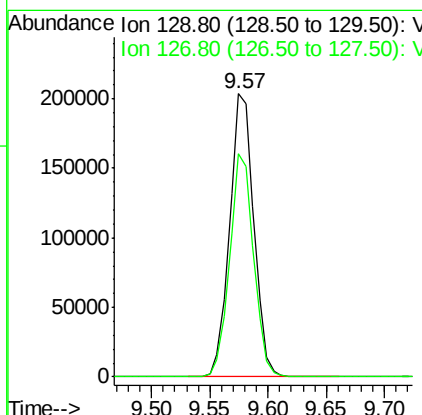
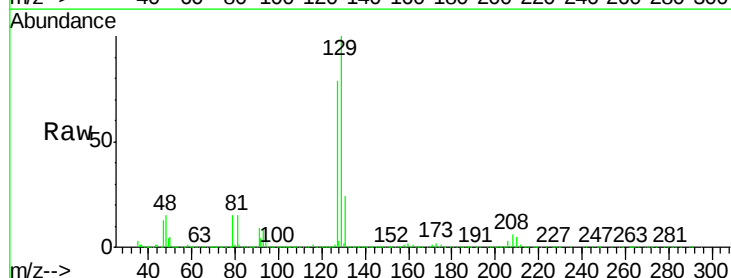
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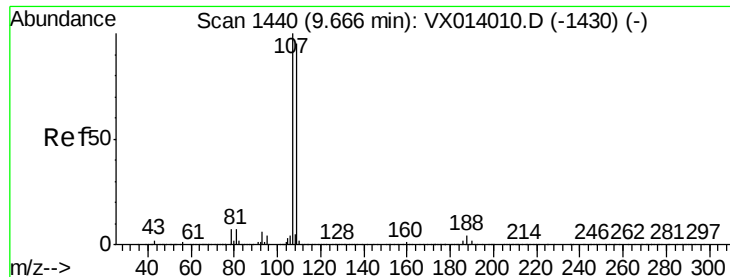
apatel
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#60
Dibromochloromethane
Concen: 52.703 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion: 129 Resp: 293849
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.324 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 294554

Ion Ratio Lower Upper

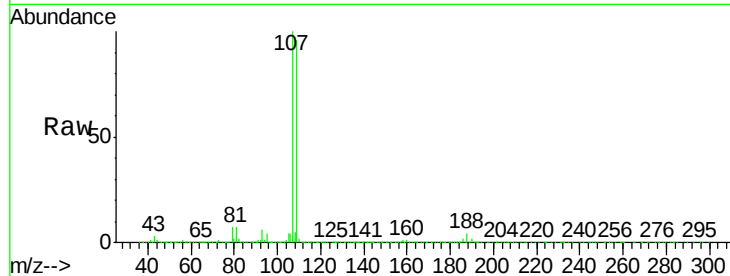
107 100

109 94.5 75.7 113.5

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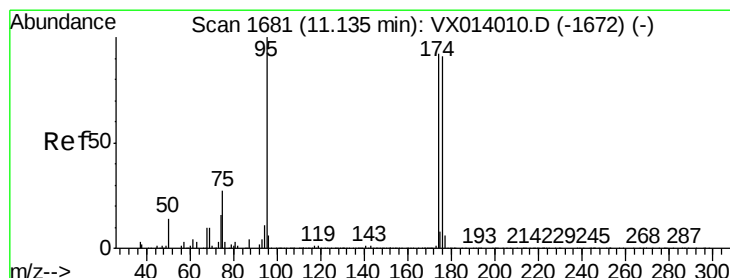
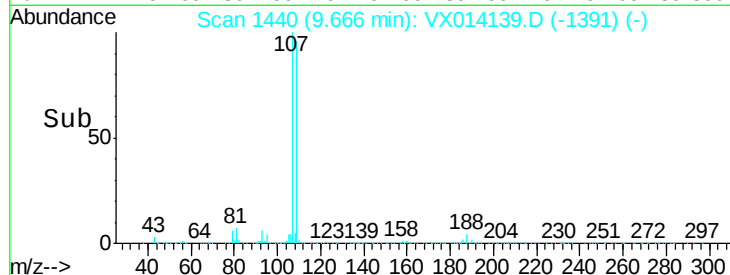
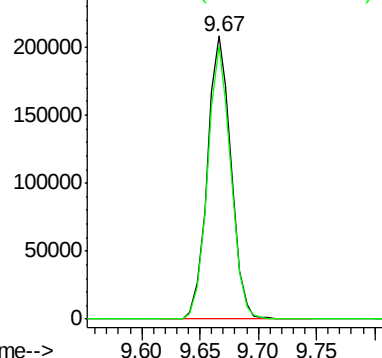
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.670 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

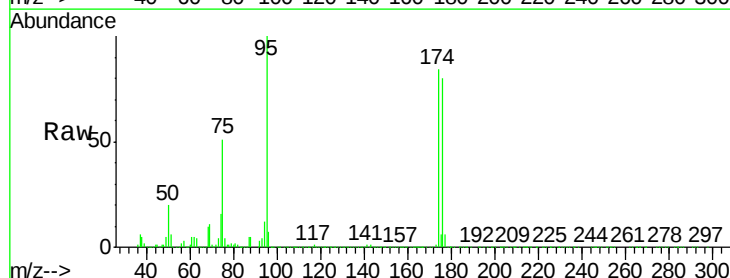
Tgt Ion: 95 Resp: 323446

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

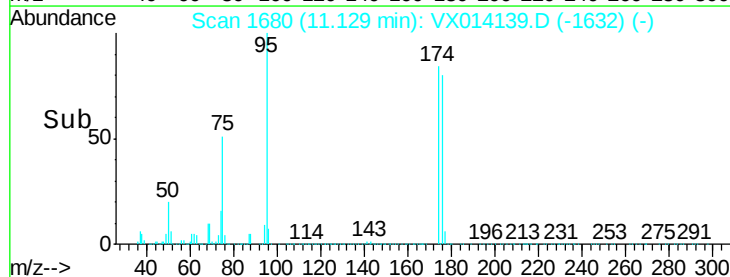
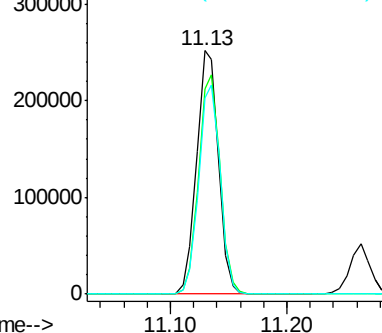
176 85.8 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





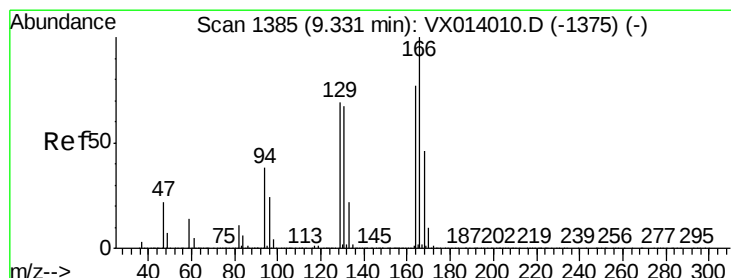
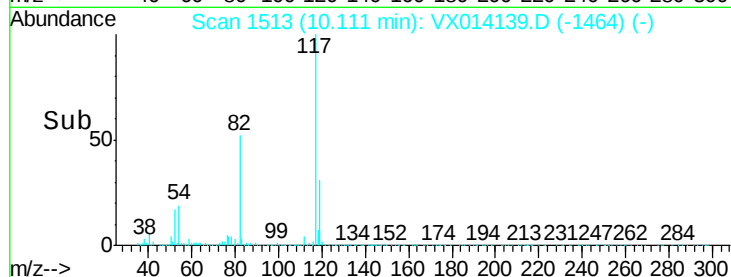
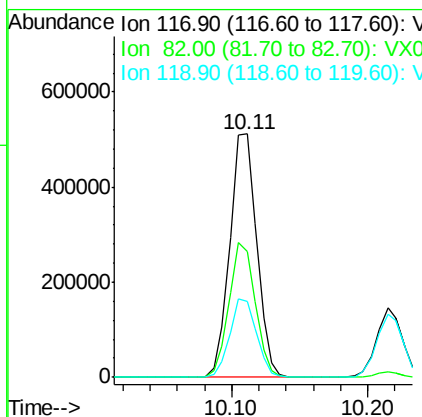
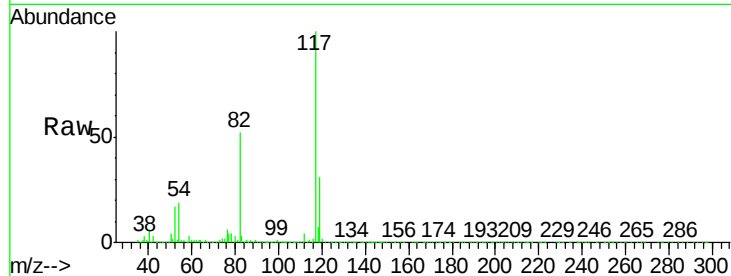
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.4
119	31.2	25.1	37.7

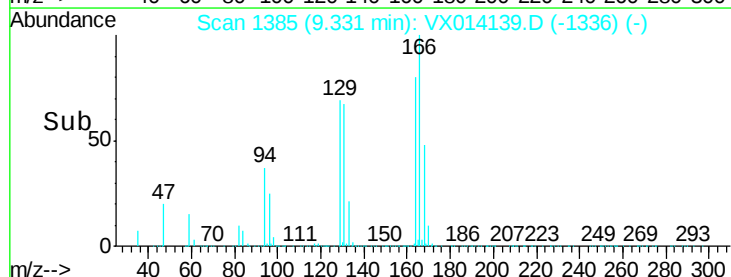
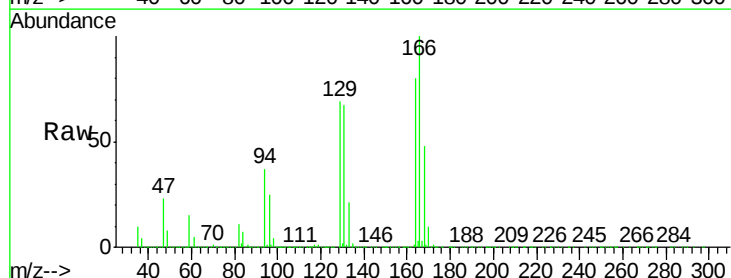
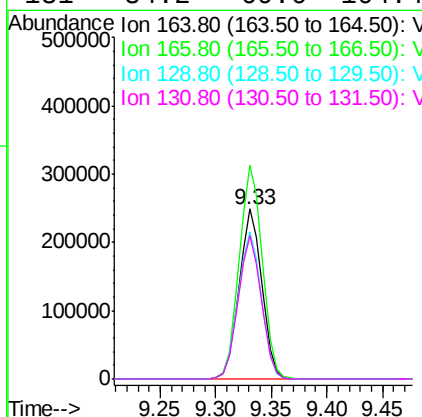
Manual Integrations
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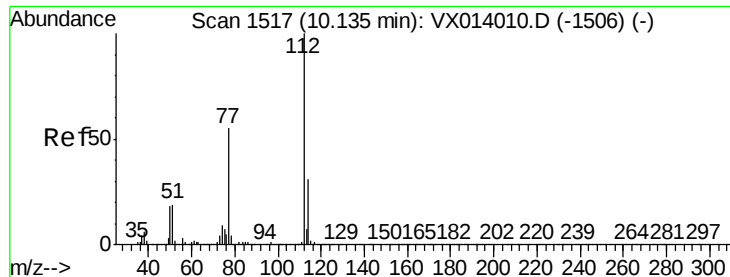
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#64
Tetrachloroethene
Concen: 56.116 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	104.0	156.0
129	86.3	72.2	108.4
131	84.2	69.6	104.4





#65

Chlorobenzene

Concen: 48.602 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 731649

Ion Ratio Lower Upper

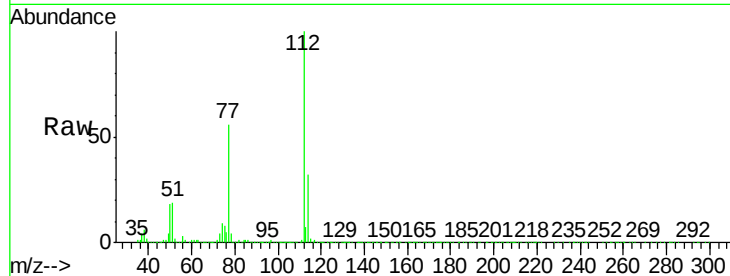
112 100

114 32.4 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

500000

400000

300000

200000

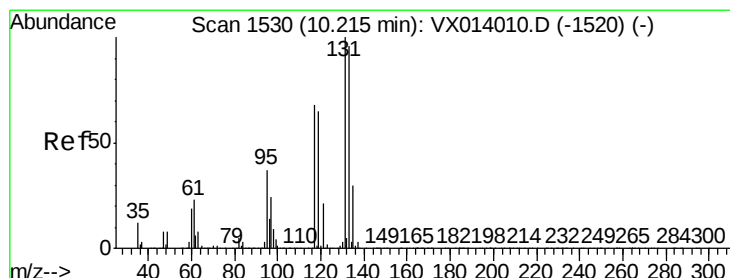
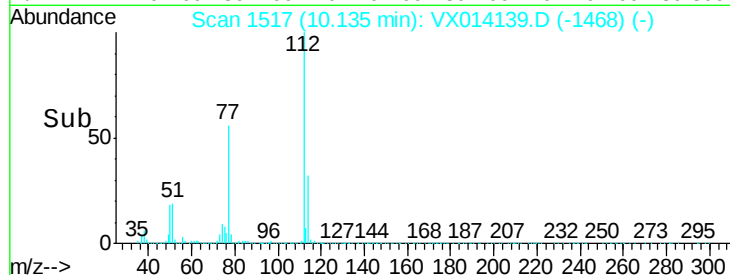
100000

0

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.275 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

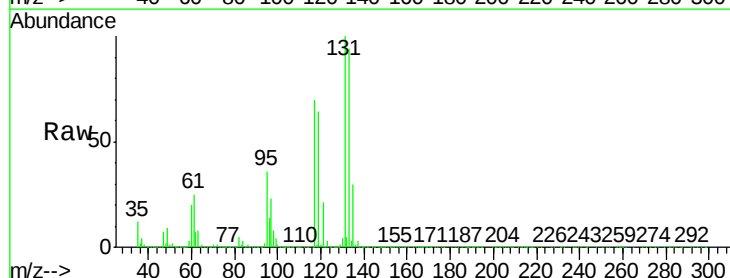
Tgt Ion:131 Resp: 275610

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

119 65.5 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

100000

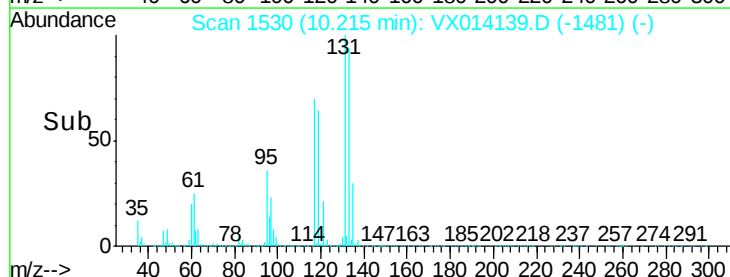
50000

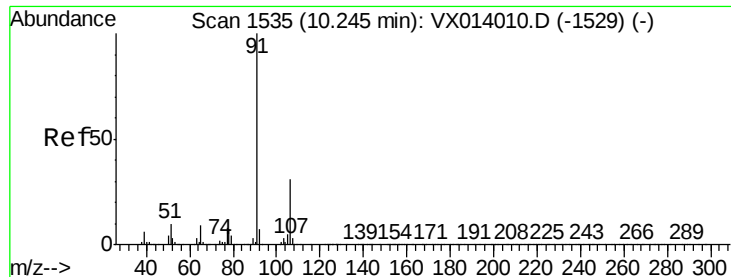
0

10.20

10.30

Time-->





#67

Ethyl Benzene

Concen: 49.445 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1279698

Ion Ratio Lower Upper

91 100

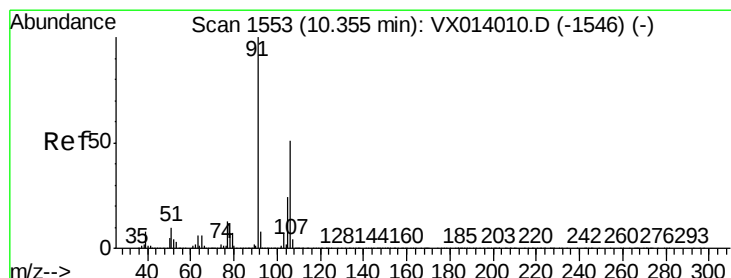
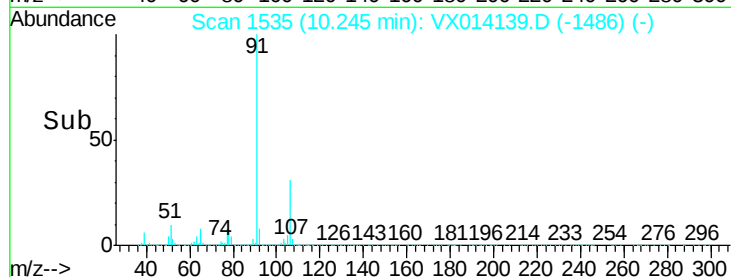
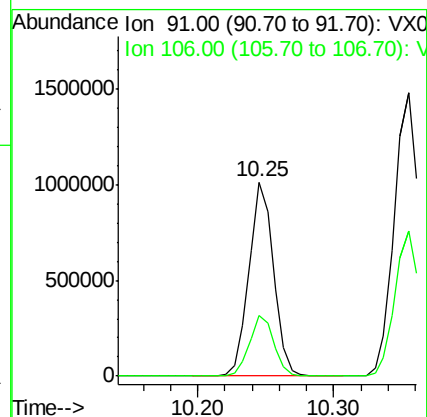
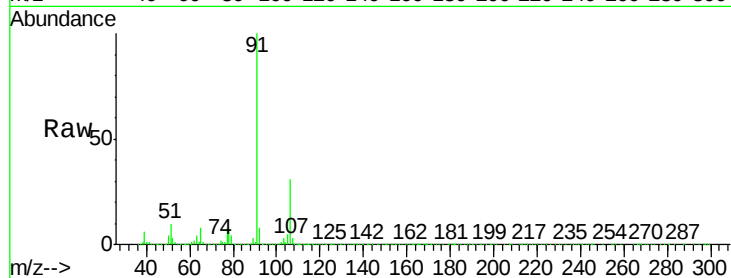
106 31.5 25.0 37.6

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#68

m/p-Xylenes

Concen: 97.904 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014139.D

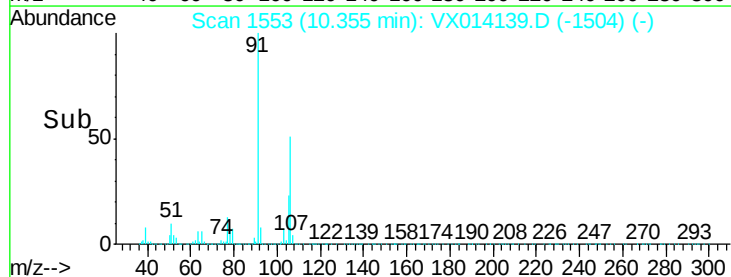
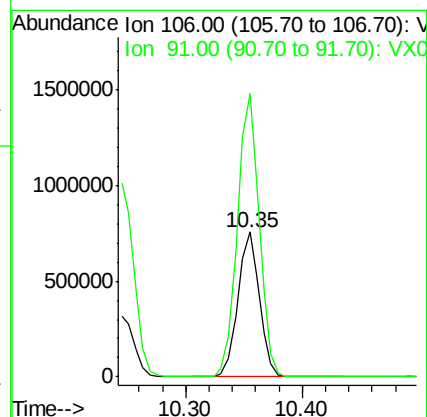
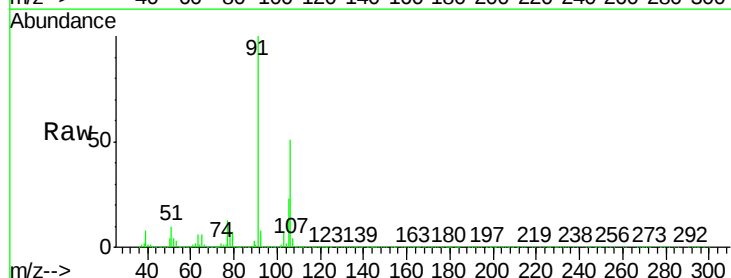
Acq: 19 Dec 2019 22:50

Tgt Ion: 106 Resp: 974560

Ion Ratio Lower Upper

106 100

91 198.6 158.6 238.0





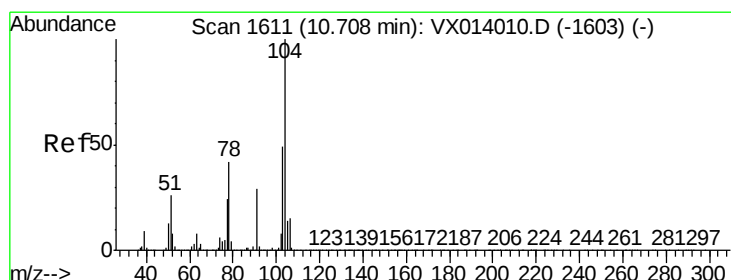
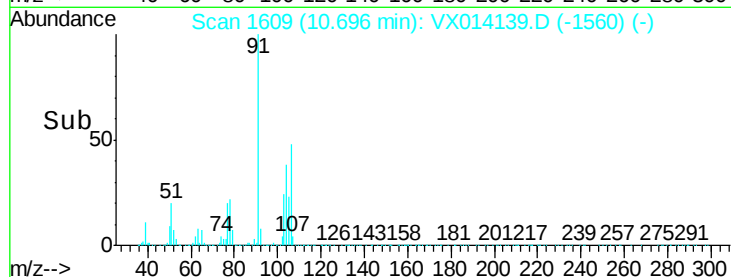
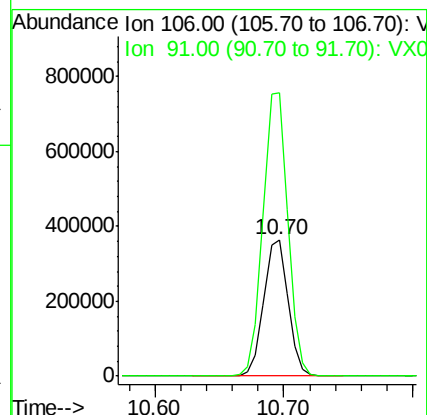
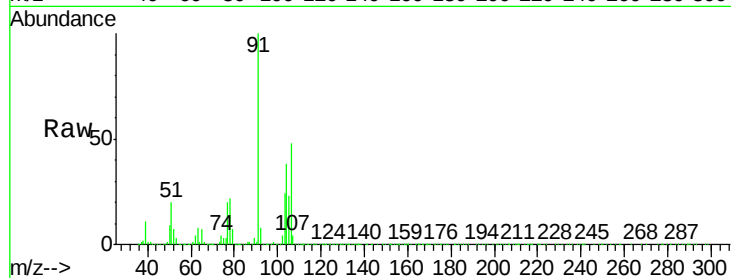
#69
o-Xylene
Concen: 48.806 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	104.2	312.6

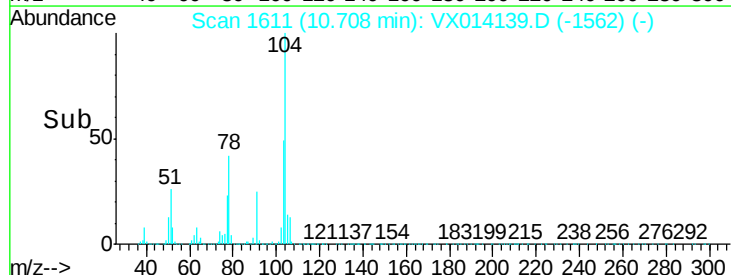
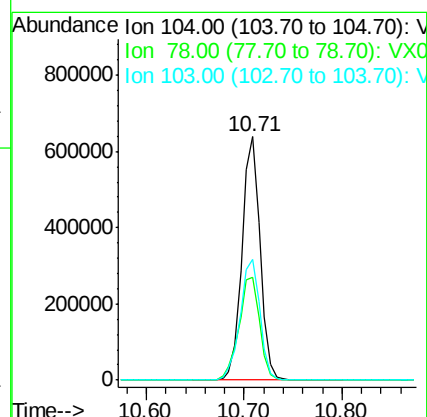
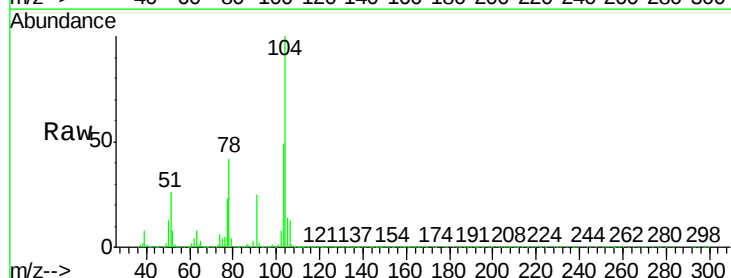
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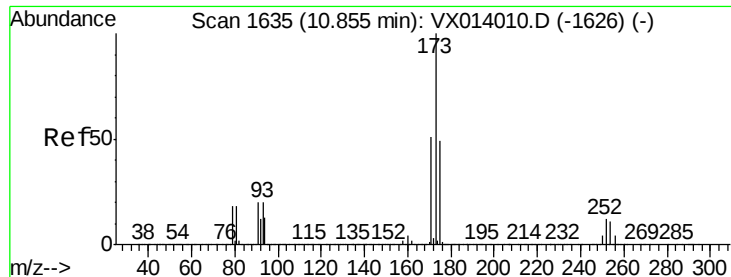
apatel
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#70
Styrene
Concen: 49.647 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.5	42.9	64.3





#71

Bromoform

Concen: 52.619 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

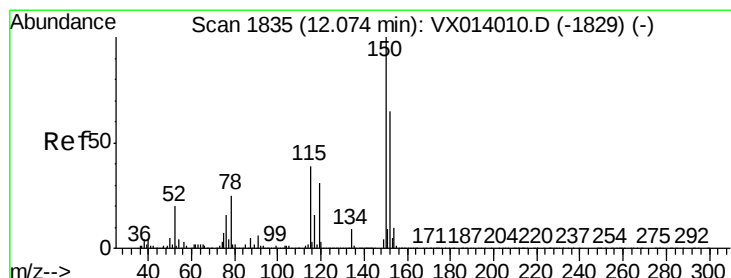
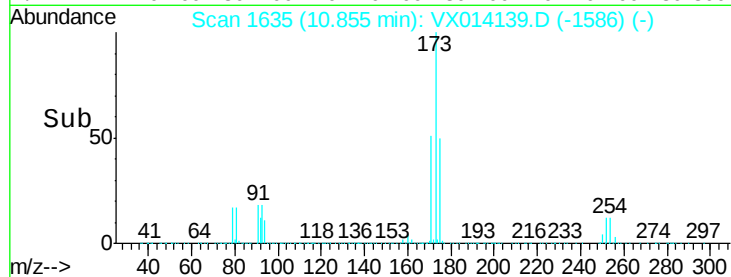
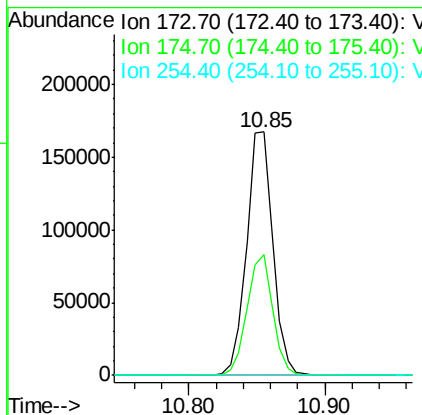
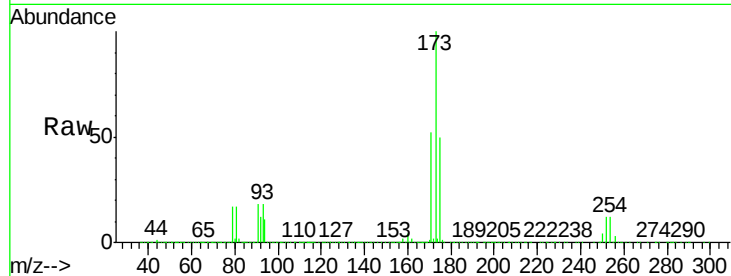
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	227351
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.4	73.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

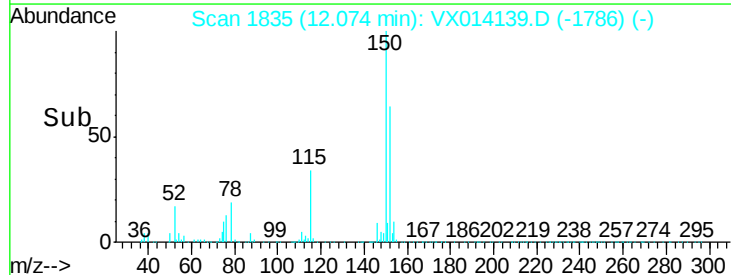
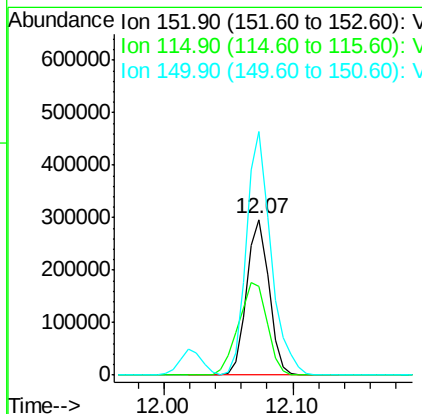
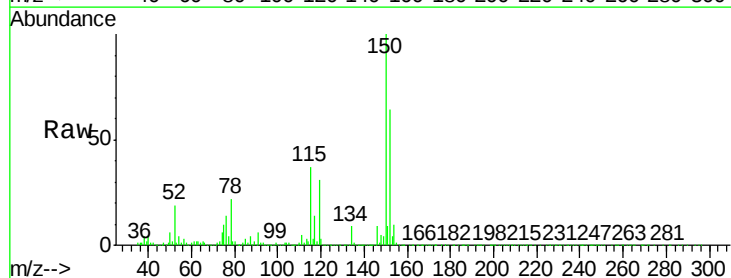
RT: 12.07 min Scan# 1835

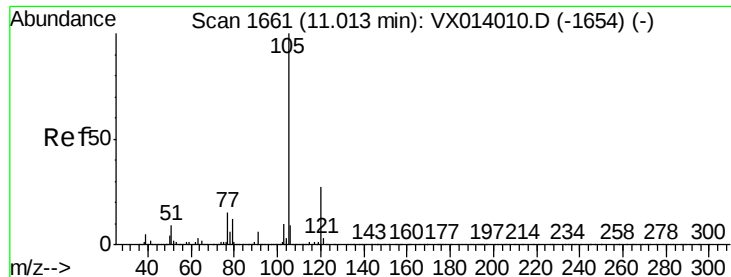
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	152	Resp:	351630
Ion Ratio	Lower	Upper	
152	100		
115	77.1	38.3	114.9
150	171.9	0.0	345.4





#73

Isopropylbenzene

Concen: 50.056 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1239261

Ion Ratio Lower Upper

105 100

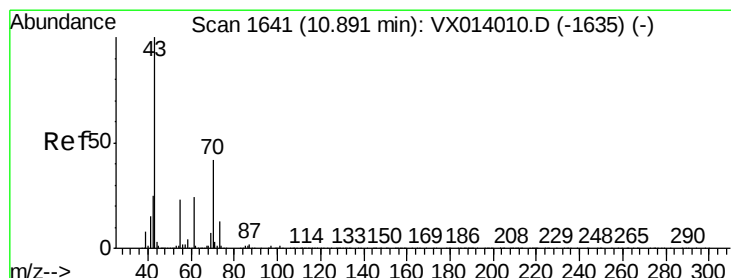
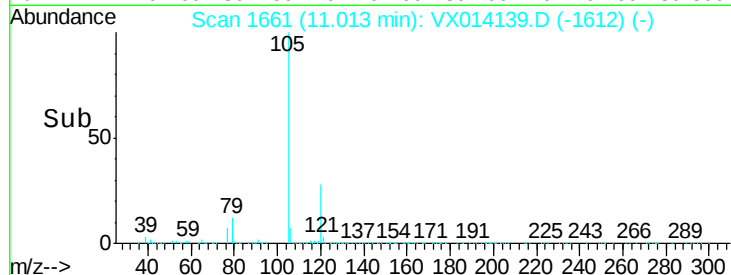
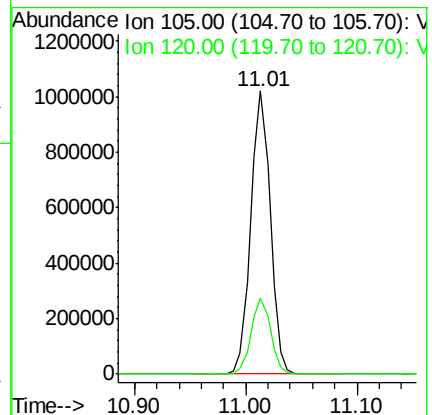
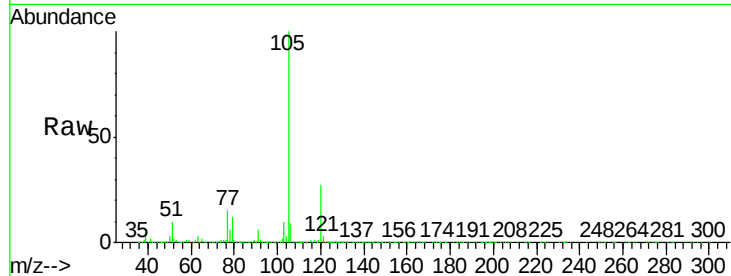
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.356 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion: 43 Resp: 607587

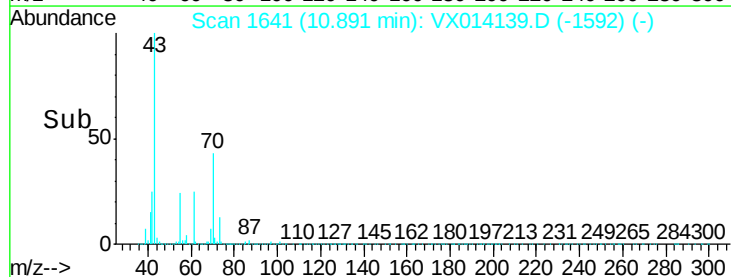
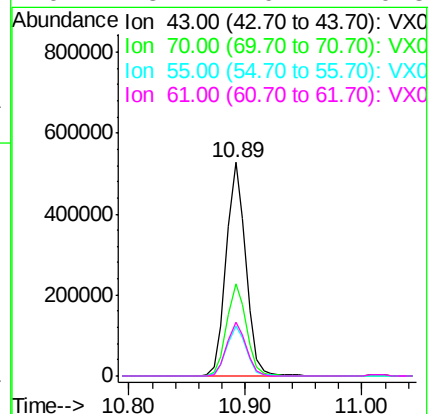
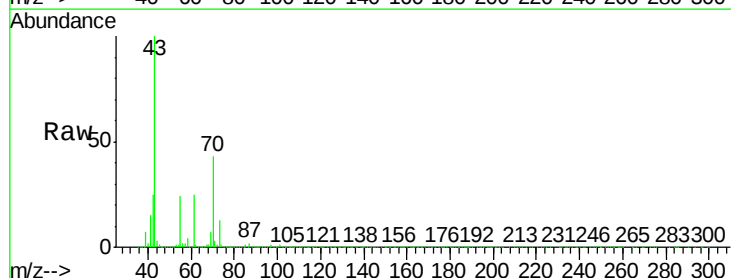
Ion Ratio Lower Upper

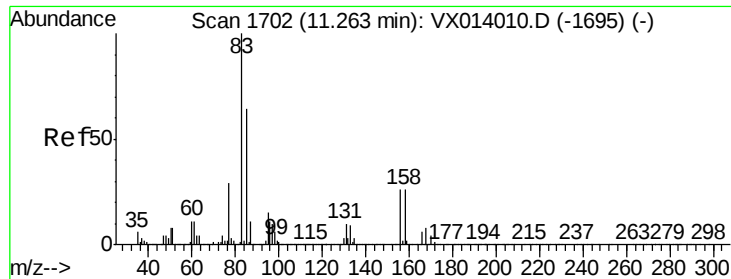
43 100

70 43.7 34.4 51.6

55 23.8 19.1 28.7

61 25.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.573 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 434080

Ion Ratio Lower Upper

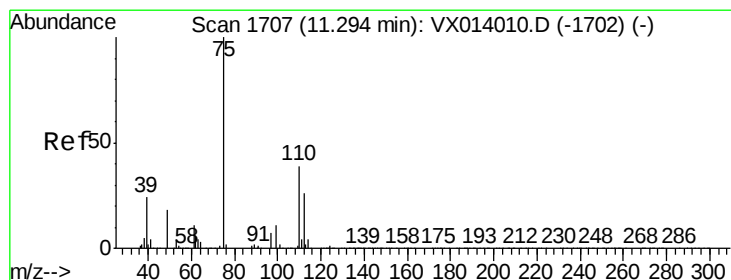
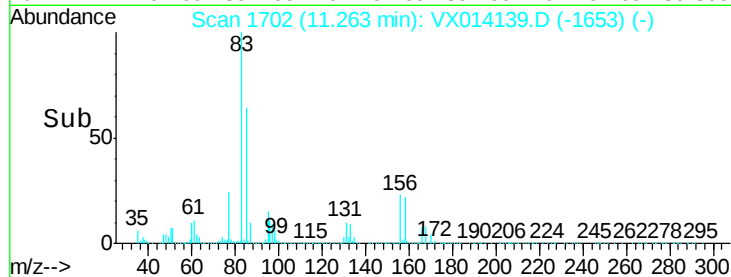
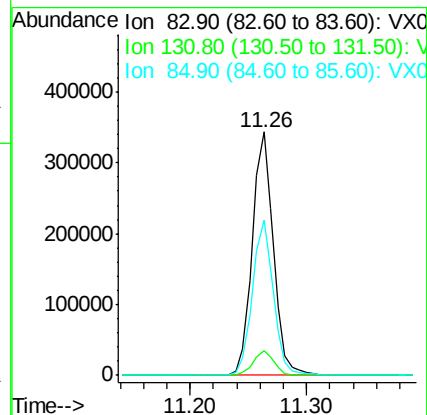
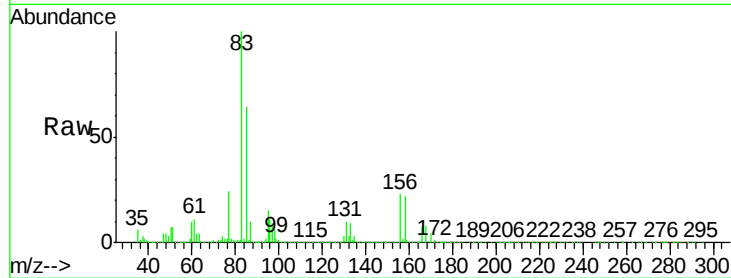
83 100

131 10.0 5.1 15.2

85 63.9 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 46.876 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014139.D

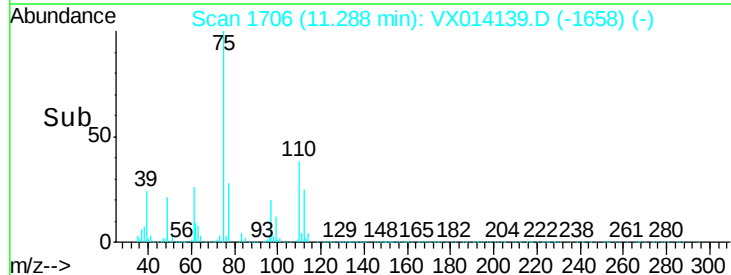
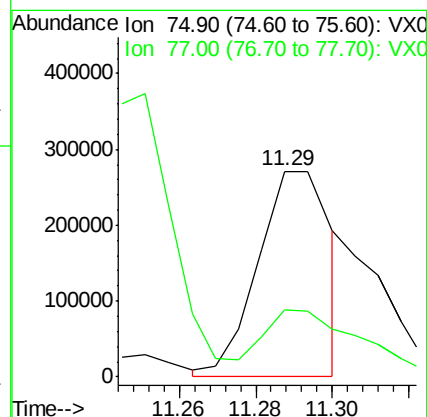
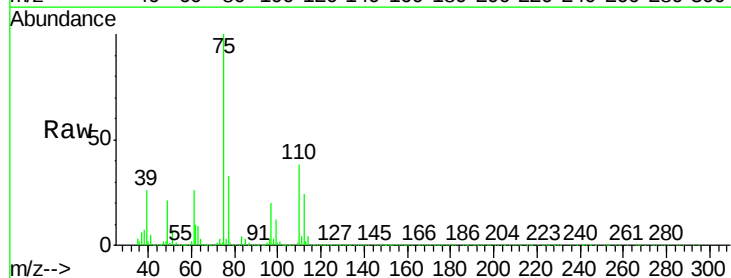
Acq: 19 Dec 2019 22:50

Tgt Ion: 75 Resp: 357843

Ion Ratio Lower Upper

75 100

77 43.1 19.3 57.8





#77

Bromobenzene

Concen: 48.796 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

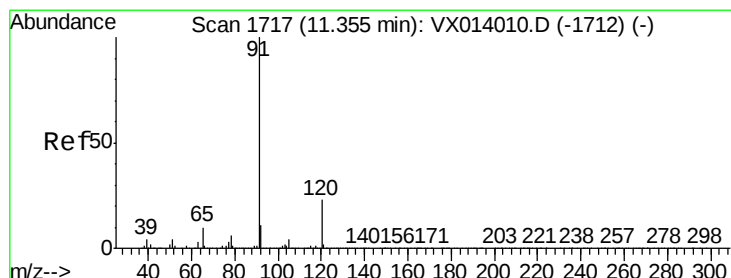
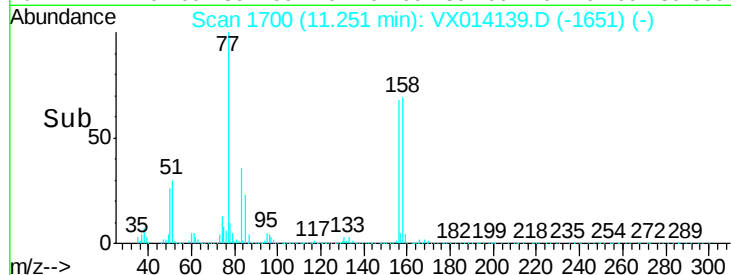
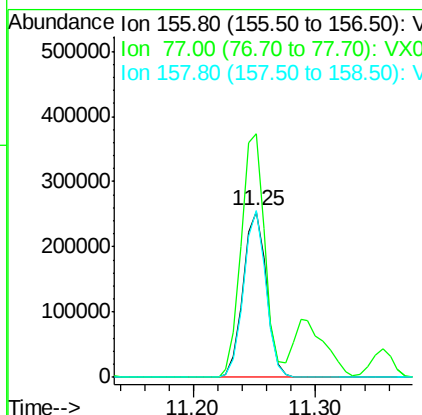
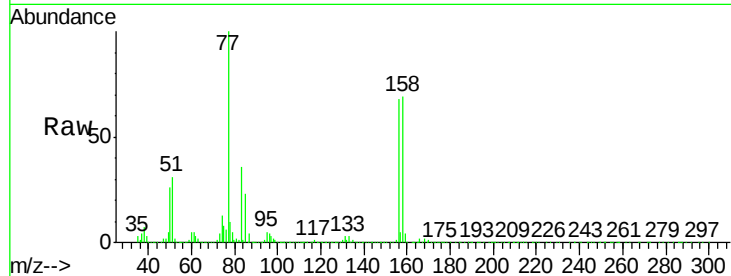
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	332384
Ion Ratio	Lower	Upper	
156	100		
77	151.1	76.5	229.5
158	96.9	49.3	147.9

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#78

n-propylbenzene

Concen: 50.324 ug/l

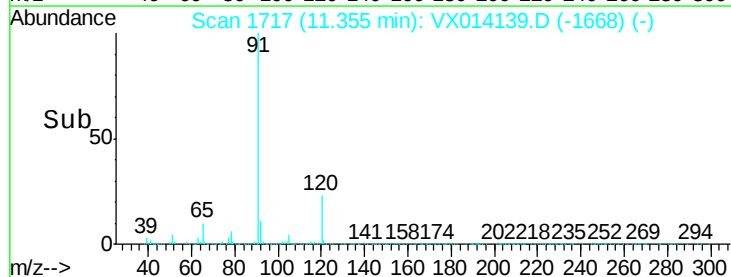
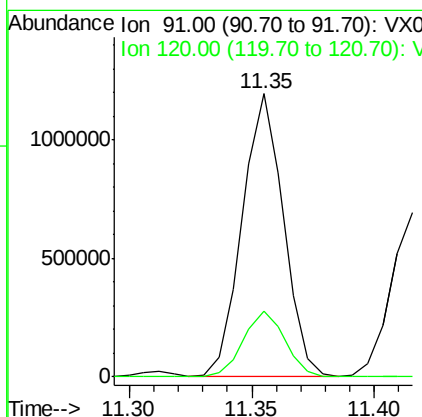
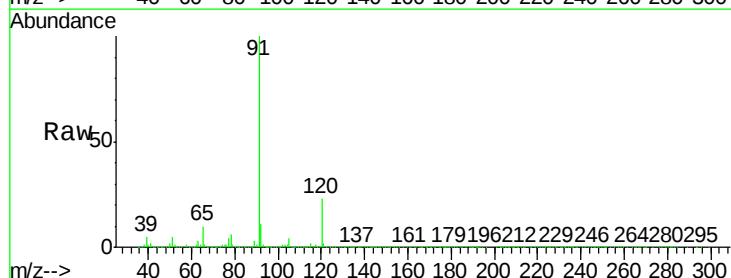
RT: 11.35 min Scan# 1717

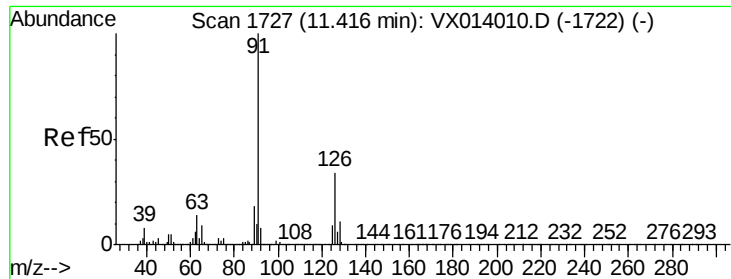
Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion:	91	Resp:	1397479
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





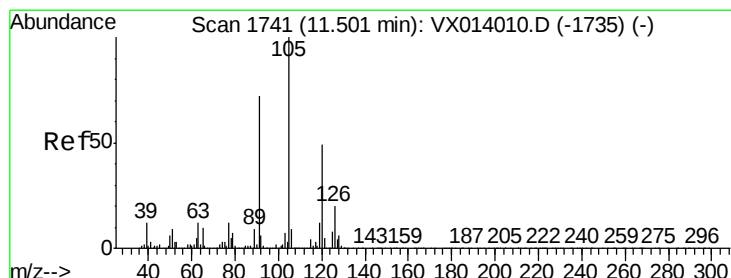
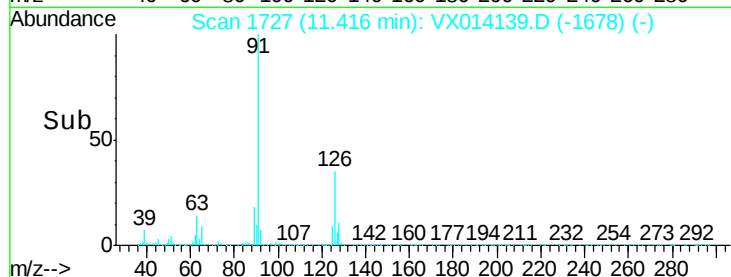
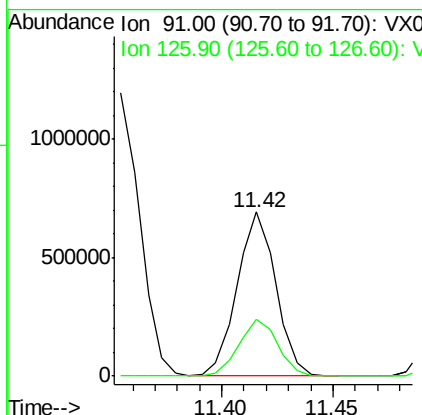
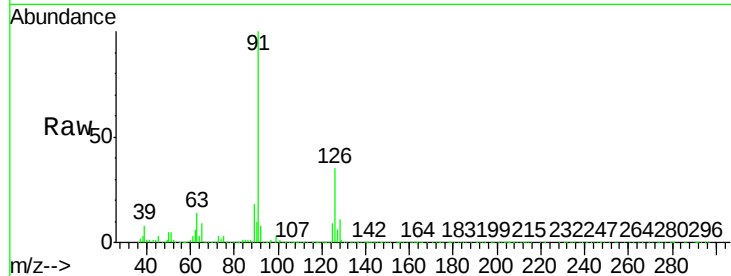
#79
 2-Chlorotoluene
 Concen: 49.608 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 837406
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6

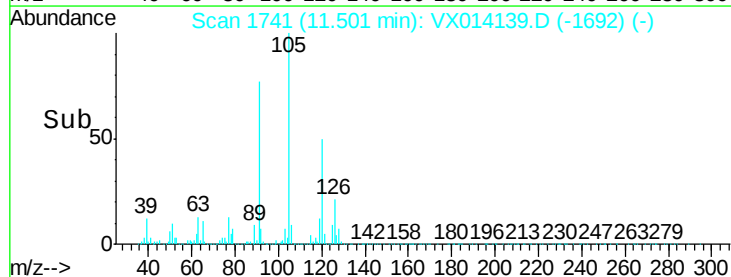
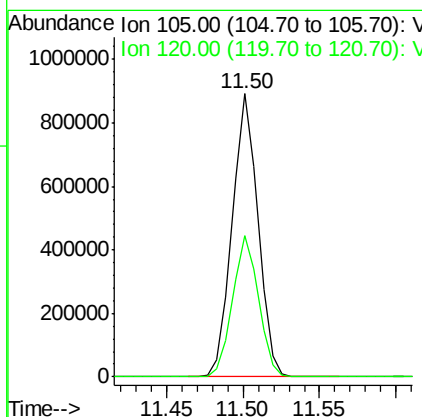
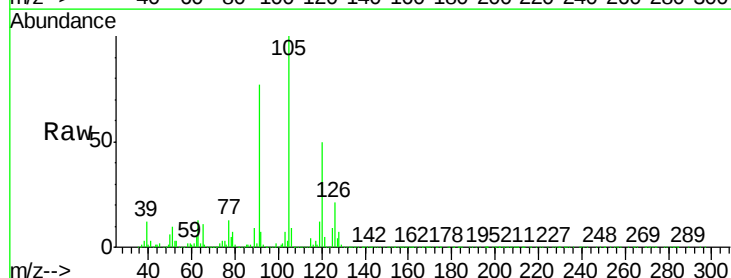
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.929 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion: 105 Resp: 1040326
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8





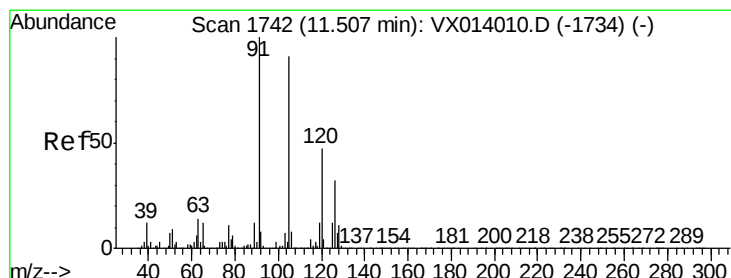
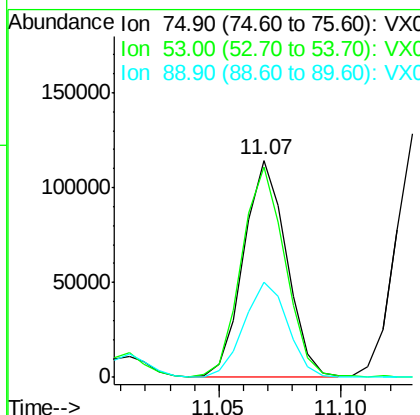
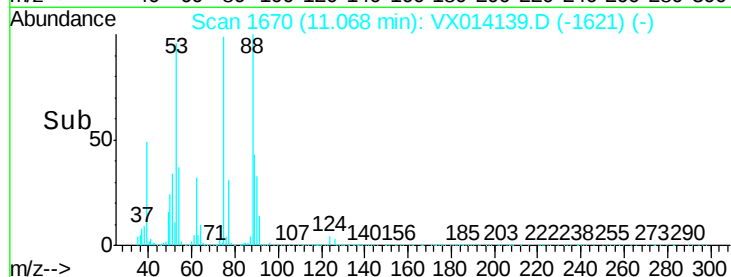
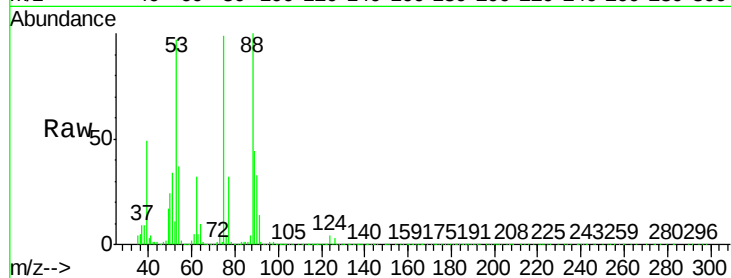
#81
trans-1,4-Dichloro-2-butene
Concen: 51.723 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	76.7	115.1
89	45.1	34.6	51.8

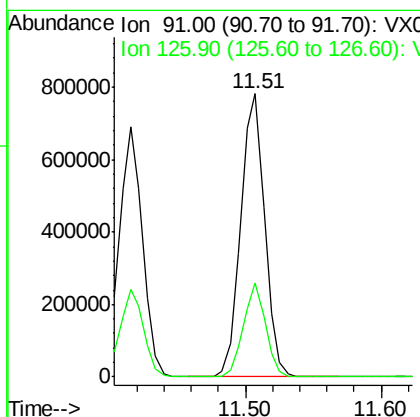
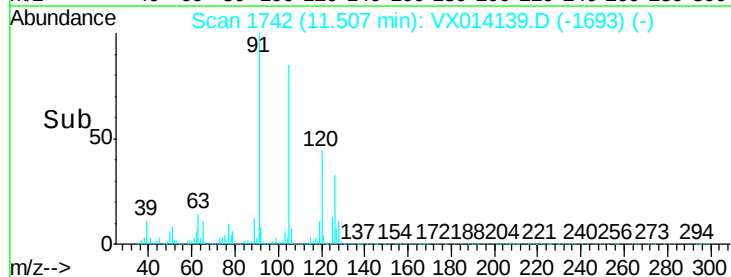
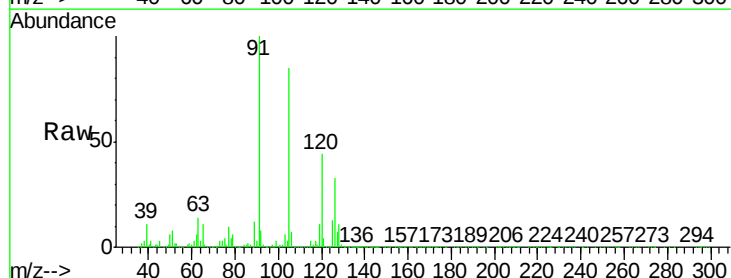
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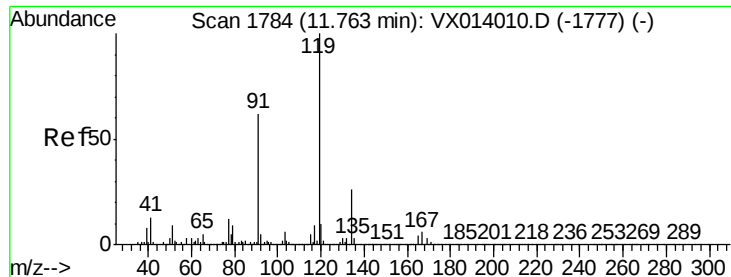
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#82
4-Chlorotoluene
Concen: 48.824 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





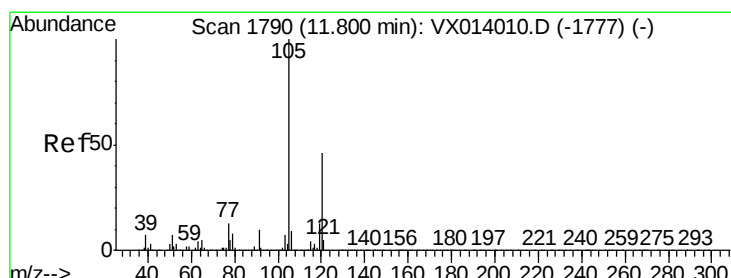
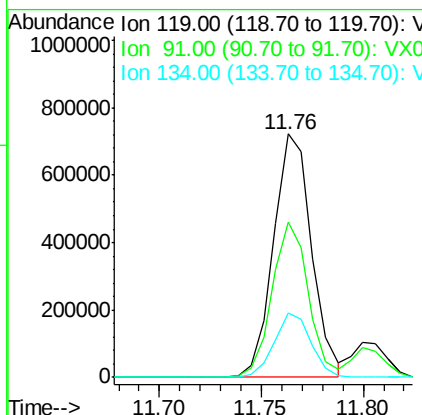
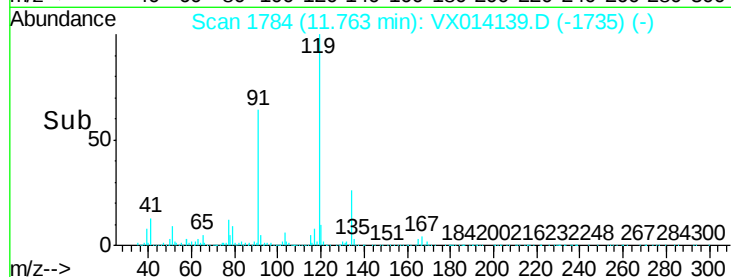
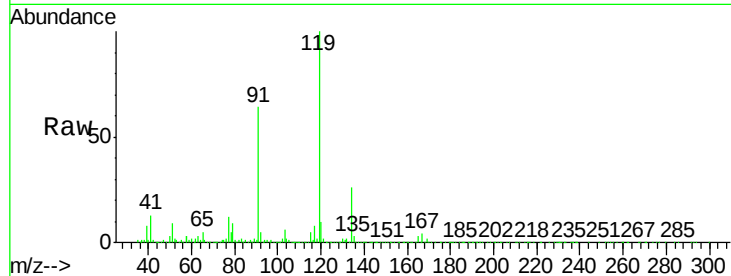
#83
tert-Butylbenzene
Concen: 46.352 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	28.5	85.6
134	25.4	12.2	36.6

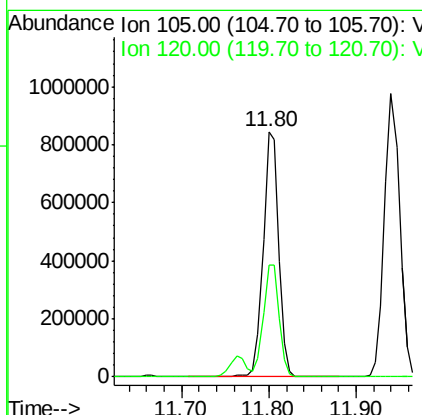
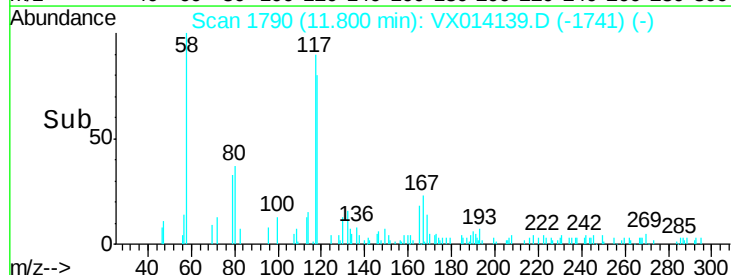
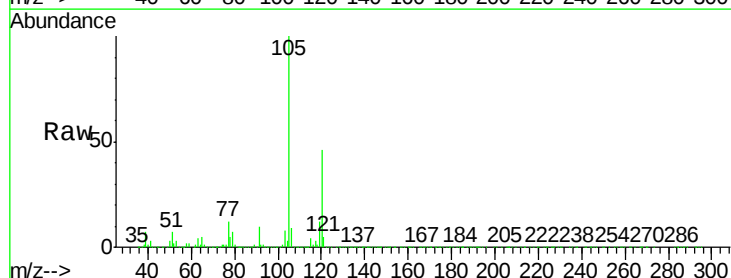
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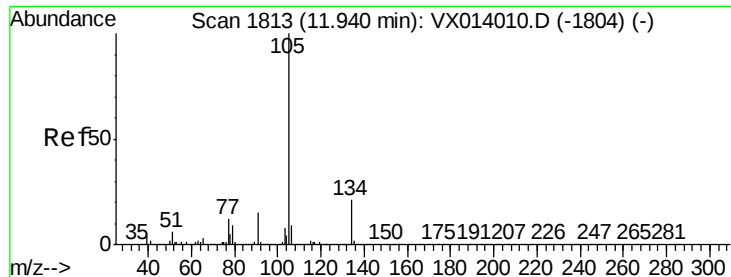
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#84
1,2,4-Trimethylbenzene
Concen: 50.355 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.490 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1184668

Ion Ratio Lower Upper

105 100

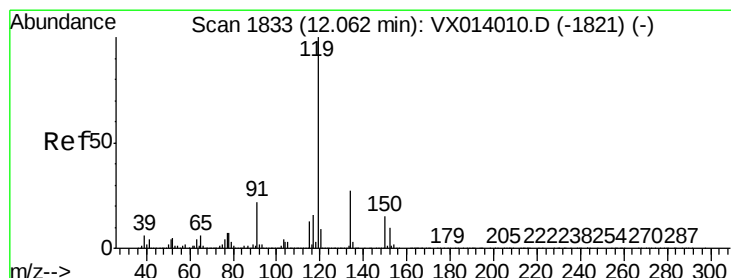
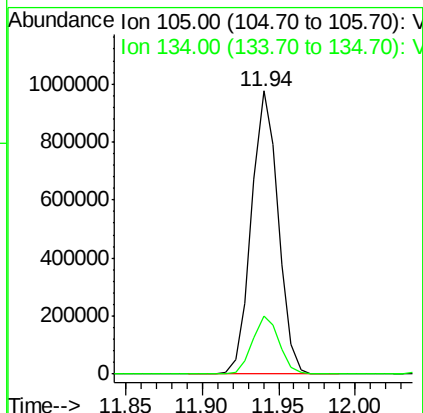
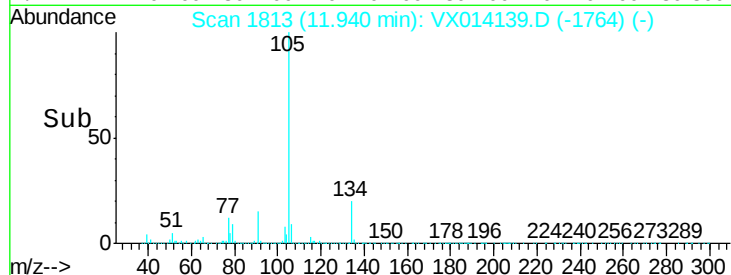
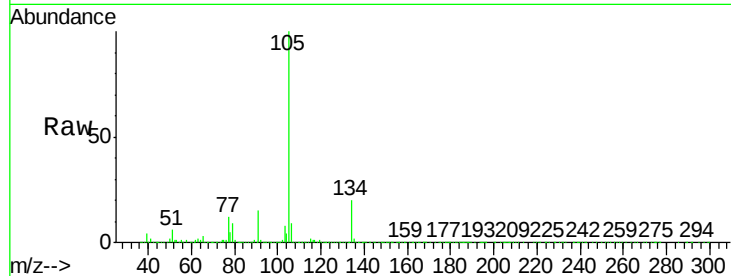
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.170 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

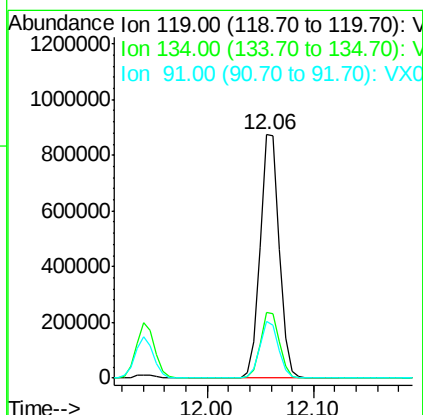
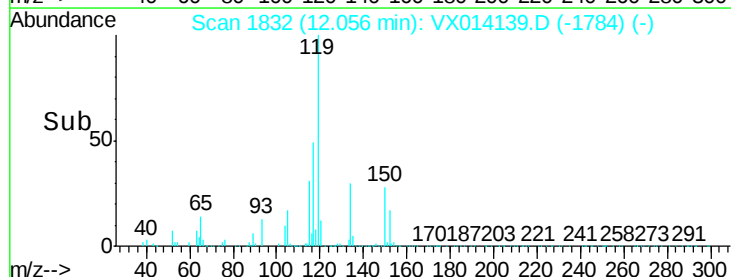
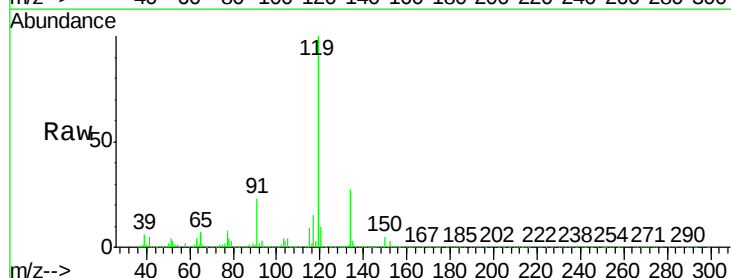
Tgt Ion:119 Resp: 1098544

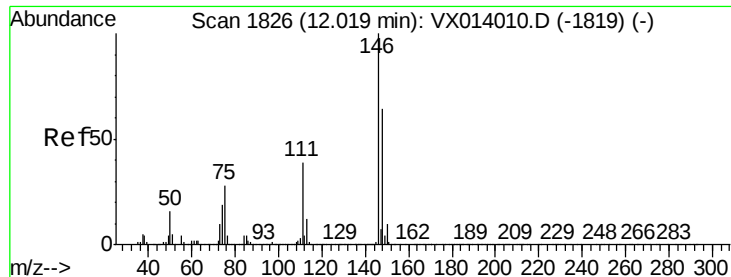
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.182 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014139.D

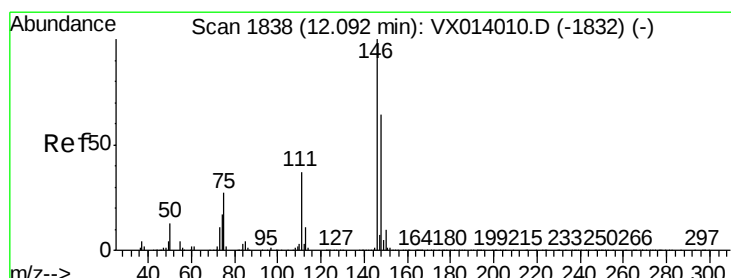
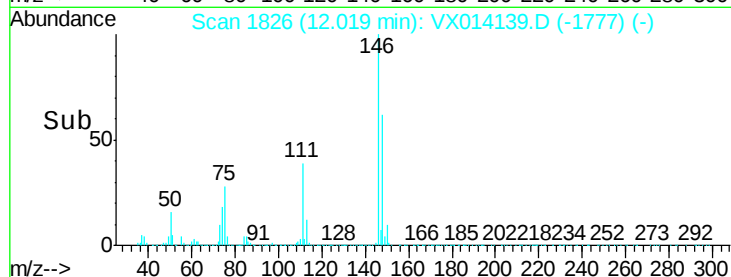
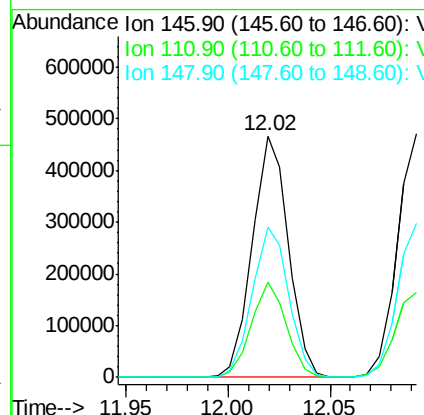
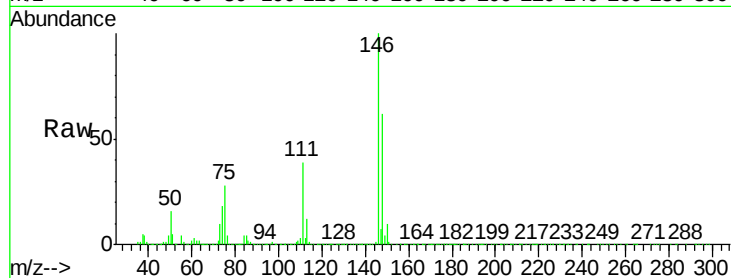
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.0	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.316 ug/l

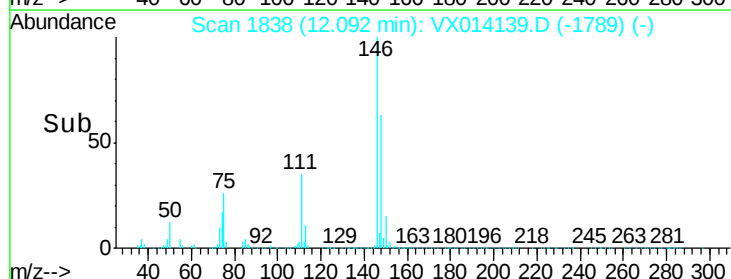
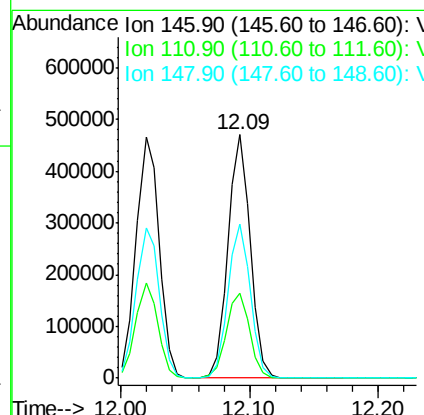
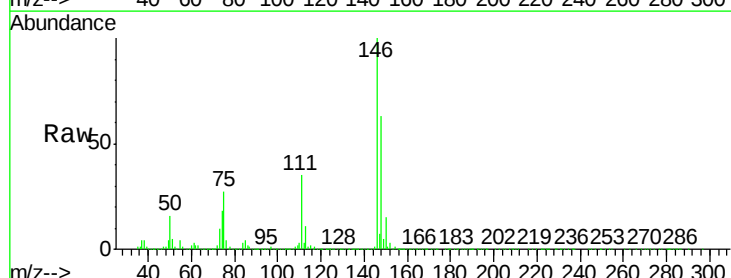
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	63.6	31.9	95.9





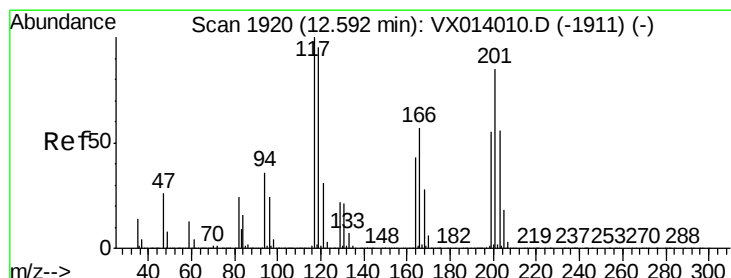
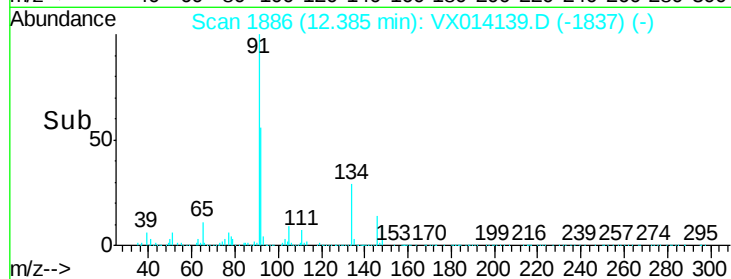
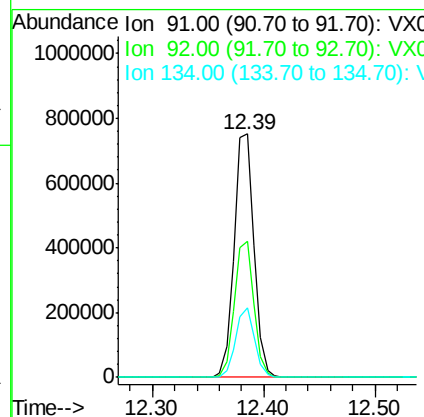
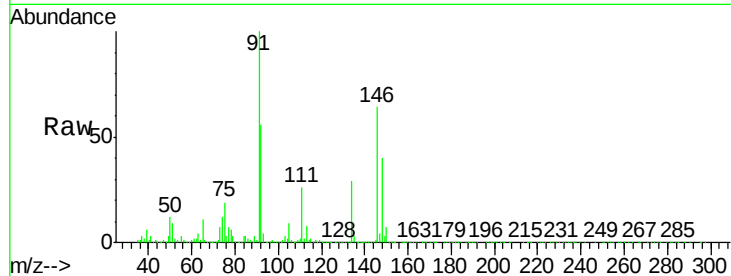
#89
n-Butylbenzene
Concen: 49.306 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.6
134	27.4	13.4	40.1

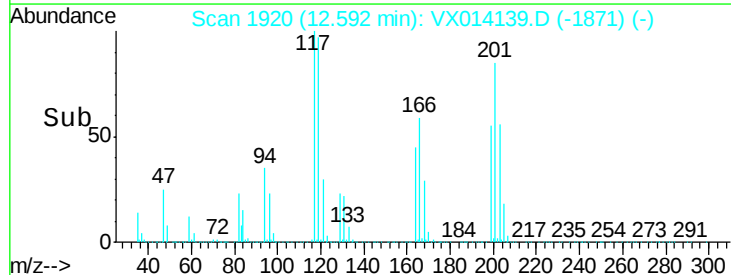
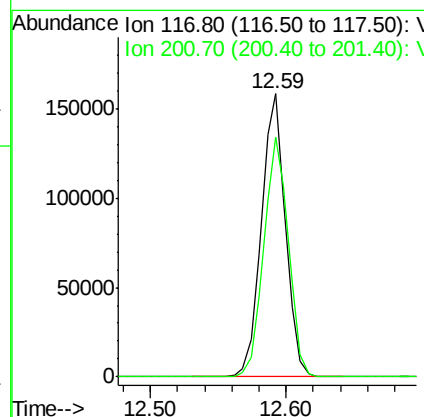
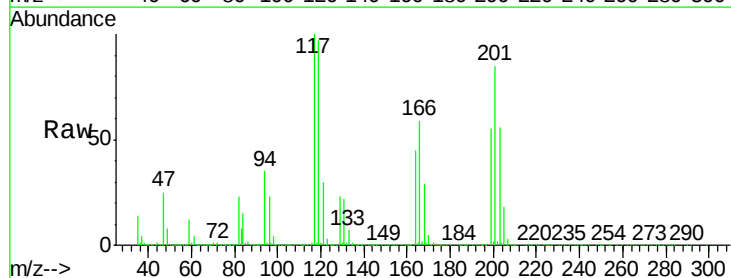
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#90
Hexachloroethane
Concen: 49.962 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.1	129.3





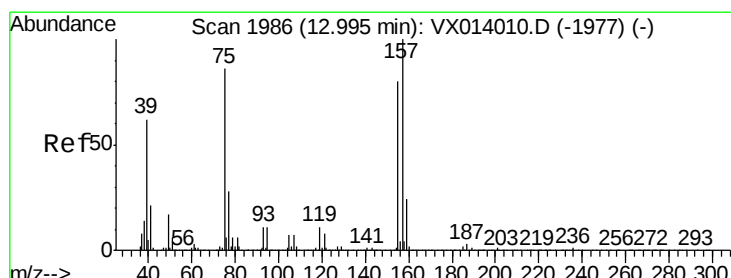
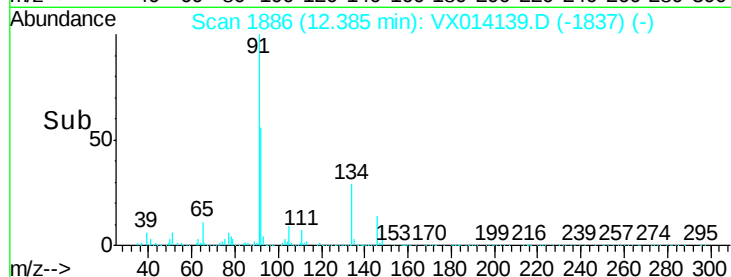
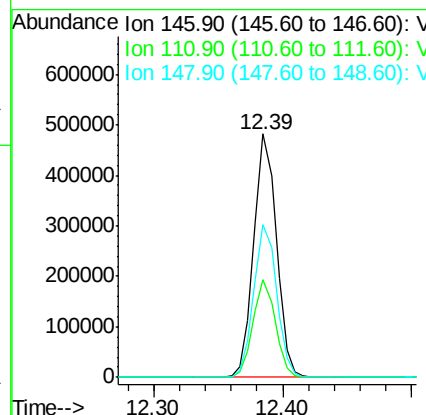
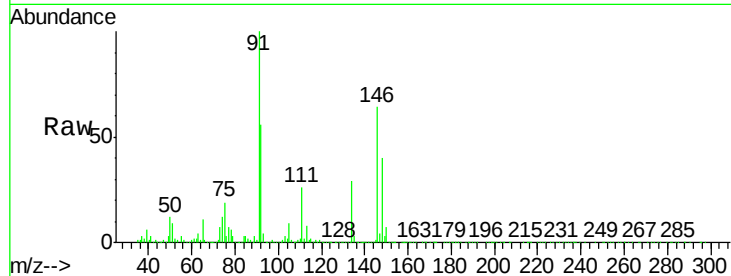
#91
 1,2-Dichlorobenzene
 Concen: 48.491 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	582757		
111	39.5	19.7	59.1	
148	63.5	32.1	96.5	

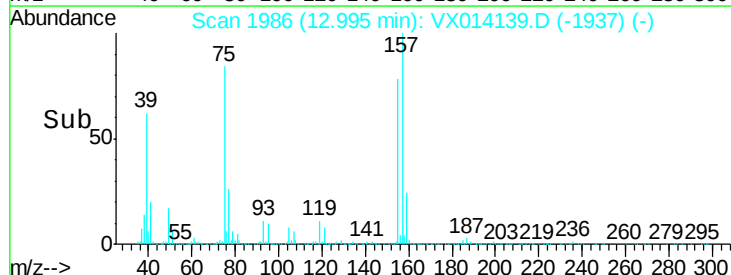
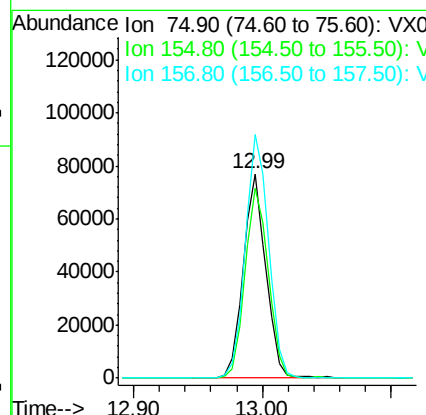
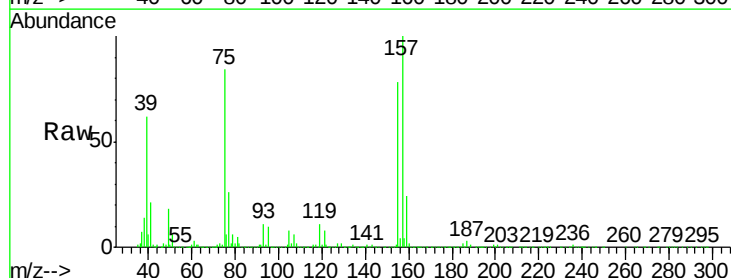
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.955 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014139.D
 Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92985		
155	95.7	46.9	140.6	
157	122.4	60.8	182.4	





#93

1,2,4-Trichlorobenzene

Concen: 49.801 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014139.D

Acq: 19 Dec 2019 22:50

Instrument :

MSVOA_X

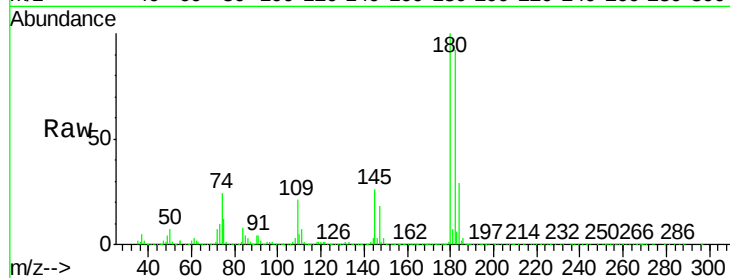
ClientSampleId :

VSTDCCC050

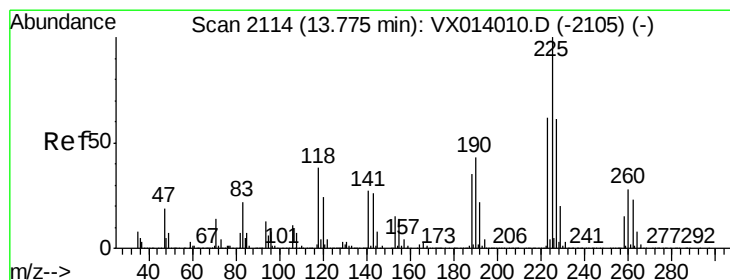
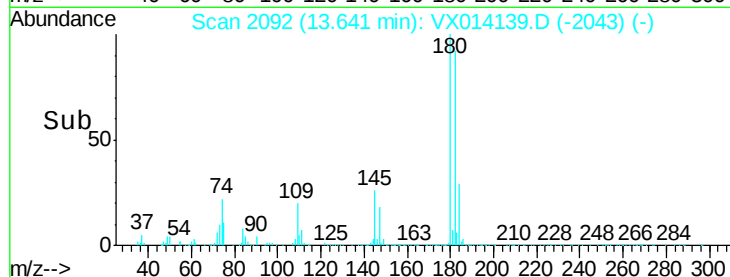
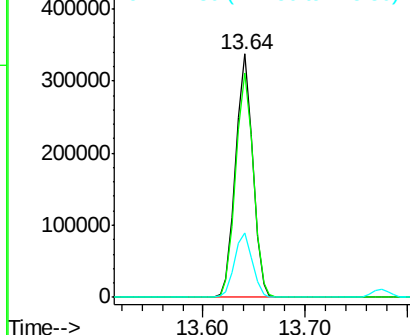
Tot Ion:	180	Resp:	388992
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.6	139.8
145	27.5	14.2	42.6

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.832 ug/l

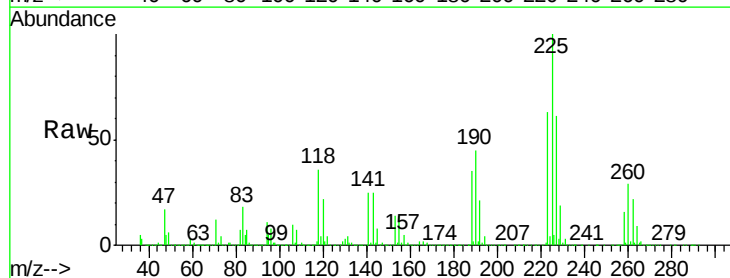
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

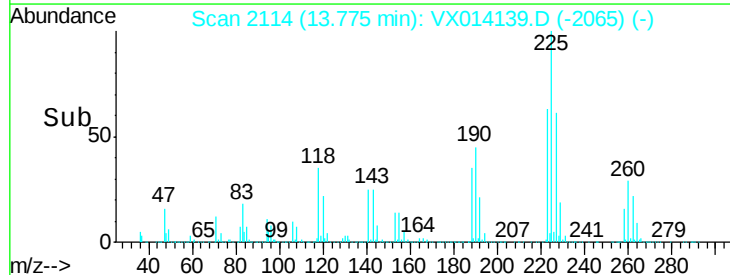
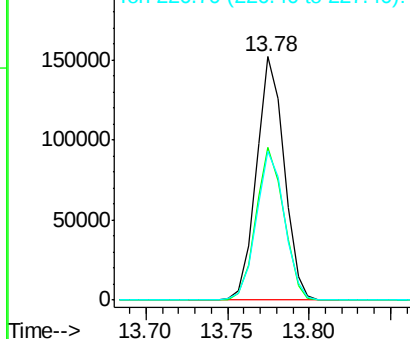
Lab File: VX014139.D

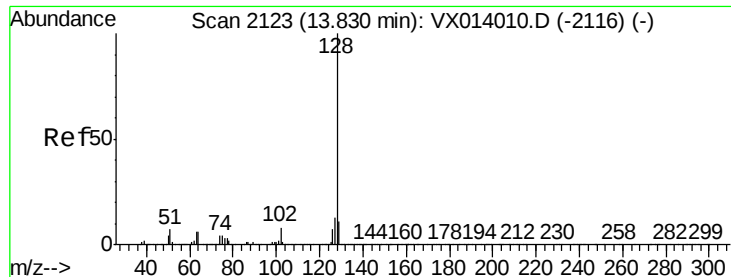
Acq: 19 Dec 2019 22:50

Tgt Ion:	225	Resp:	179559
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.9	92.5
227	62.3	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





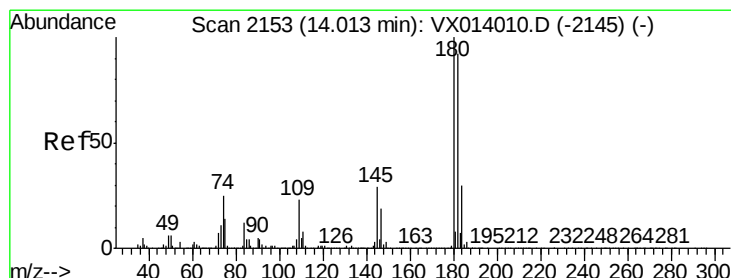
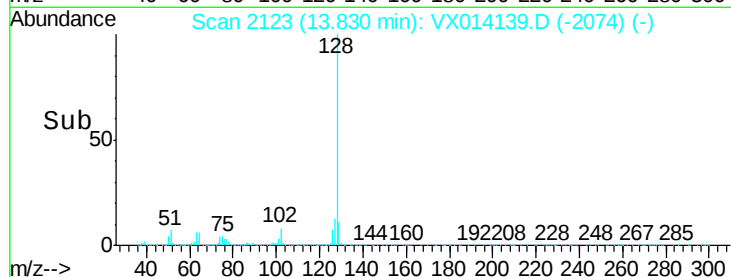
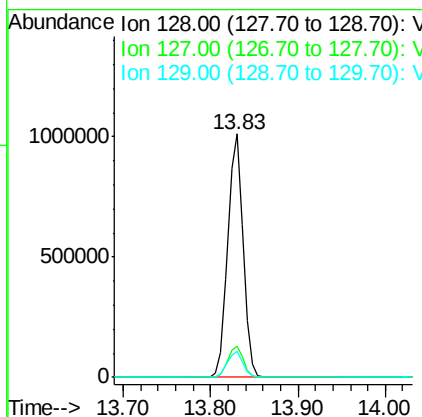
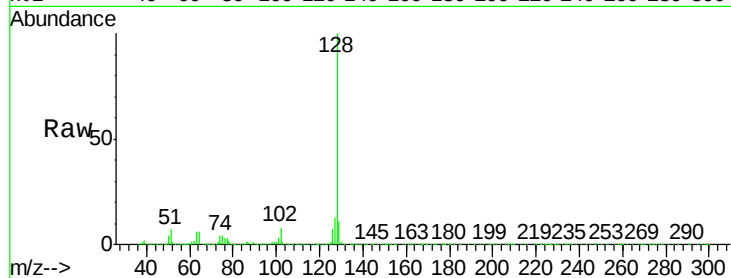
#95
Naphthalene
Concen: 53.442 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.744 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014139.D
Acq: 19 Dec 2019 22:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	29.7	14.8	44.4

