

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014945.D
 Acq On : 14 Feb 2020 16:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Feb 14 23:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	600335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	575087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	236545	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.48	113	192857	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.71	98	714708	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	268606	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	192502	51.821	ug/l	100
3) Chloromethane	1.32	50	225837	53.624	ug/l	100
4) Vinyl Chloride	1.40	62	233031	51.364	ug/l	99
5) Bromomethane	1.63	94	162167	55.221	ug/l	95
6) Chloroethane	1.72	64	150307	51.777	ug/l	99
7) Trichlorofluoromethane	1.92	101	322597	50.893	ug/l	99
8) Diethyl Ether	2.18	74	152059	57.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	187305	50.906	ug/l	99
10) Methyl Iodide	2.50	142	238956	57.534	ug/l	100
11) Tert butyl alcohol	3.02	59	228884	292.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	183736	51.103	ug/l	99
13) Acrolein	2.28	56	172961	290.334	ug/l	98
14) Allyl chloride	2.72	41	346099	54.294	ug/l	99
15) Acrylonitrile	3.12	53	572924	289.137	ug/l	99
16) Acetone	2.43	43	558278	234.070	ug/l	99
17) Carbon Disulfide	2.56	76	489853	48.763	ug/l	99
18) Methyl Acetate	2.76	43	260145	58.348	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	704377	60.197	ug/l	98
20) Methylene Chloride	2.84	84	230422	54.108	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211663	53.353	ug/l	99
22) Diisopropyl ether	3.84	45	720466	59.177	ug/l	95
23) Vinyl Acetate	3.80	43	3160501	314.906	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389346	56.663	ug/l	100
25) 2-Butanone	4.65	43	820151	272.129	ug/l	100
26) 2,2-Dichloropropane	4.57	77	322333	54.434	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	252342	56.901	ug/l	99
28) Bromochloromethane	5.00	49	153199	57.521	ug/l	96
29) Tetrahydrofuran	5.11	42	506561	295.671	ug/l	99
30) Chloroform	5.19	83	399351	58.579	ug/l	96
31) Cyclohexane	5.56	56	309612	49.472	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324906	54.483	ug/l	100
36) 1,1-Dichloropropene	5.78	75	276264	51.444	ug/l	100
37) Ethyl Acetate	4.81	43	317265	56.644	ug/l	99
38) Carbon Tetrachloride	5.77	117	277073	52.943	ug/l	97

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Manual Integrations
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Quant Time: Feb 14 23:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	329220	49.019	ug/l	97
40) Benzene	6.13	78	873912	54.466	ug/l	98
41) Methacrylonitrile	5.02	41	182846	60.598	ug/l	99
42) 1,2-Dichloroethane	6.17	62	330798	57.042	ug/l	99
43) Isopropyl Acetate	6.42	43	536792	58.097	ug/l	99
44) Trichloroethene	7.20	130	248429	53.335	ug/l	96
45) 1,2-Dichloropropane	7.50	63	230385	56.301	ug/l	100
46) Dibromomethane	7.65	93	159316	56.957	ug/l	100
47) Bromodichloromethane	7.89	83	322446	58.140	ug/l	100
48) Methyl methacrylate	7.76	41	266308	58.567	ug/l	99
49) 1,4-Dioxane	7.73	88	101463	1193.447	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1609621	288.510	ug/l	100
52) Toluene	8.78	92	560165	54.967	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	356842	58.709	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	386893	57.620	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239453	58.076	ug/l	99
56) Ethyl methacrylate	9.17	69	372753	60.148	ug/l	100
57) 1,3-Dichloropropane	9.36	76	392961	56.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1053728	325.117	ug/l	99
59) 2-Hexanone	9.48	43	1232115	280.970	ug/l	99
60) Dibromochloromethane	9.57	129	263809	59.456	ug/l	96
61) 1,2-Dibromoethane	9.67	107	253042	56.880	ug/l	100
64) Tetrachloroethene	9.33	164	251865	46.843	ug/l	98
65) Chlorobenzene	10.13	112	625626	53.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241556	57.043	ug/l	98
67) Ethyl Benzene	10.25	91	1069788	53.928	ug/l	99
68) m/p-Xylenes	10.35	106	833057	109.010	ug/l	97
69) o-Xylene	10.69	106	404122	55.012	ug/l	99
70) Styrene	10.70	104	703049	56.572	ug/l	99
71) Bromoform	10.85	173	208454	58.974	ug/l #	100
73) Isopropylbenzene	11.01	105	1047402	53.119	ug/l	100
74) N-amyl acetate	10.89	43	476459	58.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	348170	54.016	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	306106m	53.836	ug/l	
77) Bromobenzene	11.25	156	295981	53.780	ug/l	98
78) n-propylbenzene	11.35	91	1192250	52.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	716055	53.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	894164	54.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	122266	55.042	ug/l	98
82) 4-Chlorotoluene	11.50	91	845296	53.239	ug/l	99
83) tert-Butylbenzene	11.76	119	848159	54.363	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	913235	55.002	ug/l	100
85) sec-Butylbenzene	11.94	105	993841	51.277	ug/l	100
86) p-Isopropyltoluene	12.06	119	944601	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	523204	52.992	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	531407	52.706	ug/l	99
89) n-Butylbenzene	12.38	91	818701	50.401	ug/l	100
90) Hexachloroethane	12.59	117	169829	53.618	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517418	53.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76600	50.655	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

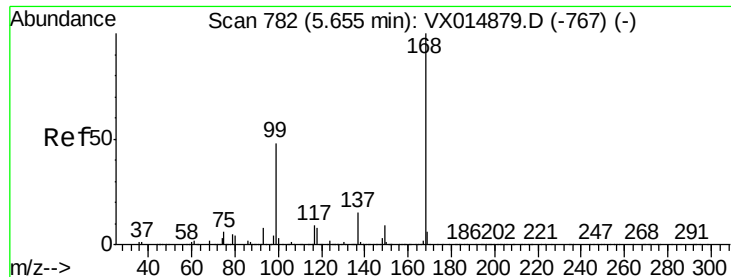
Manual Integrations
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Quant Time: Feb 14 23:54:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	375733	52.575	ug/l	99
94) Hexachlorobutadiene	13.78	225	165692	47.934	ug/l	99
95) Naphthalene	13.83	128	1080223	56.849	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366179	53.034	ug/l	98

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



#1

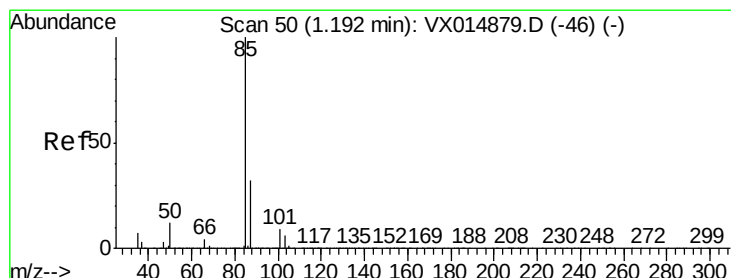
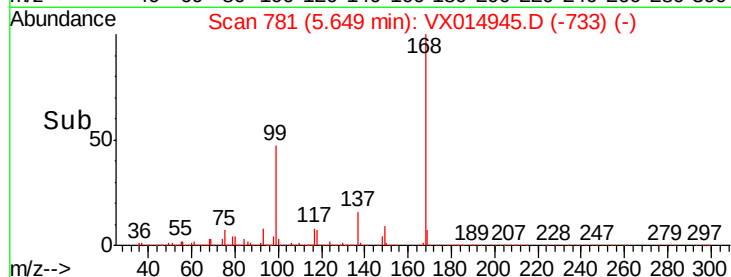
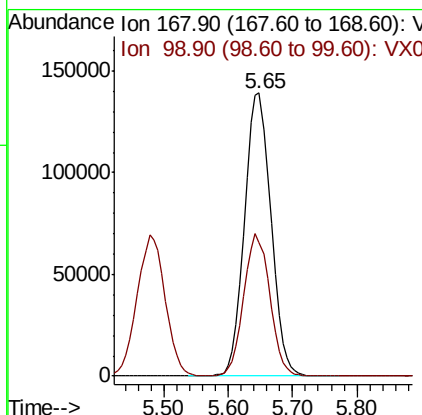
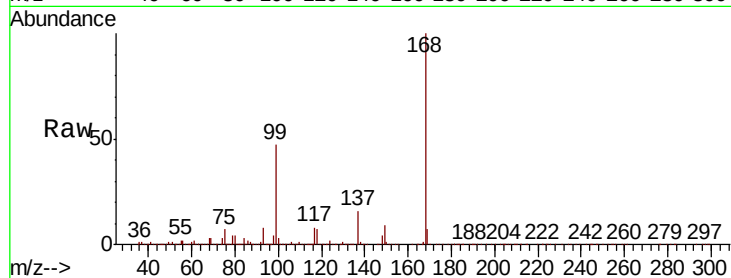
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.9	38.7	58.1

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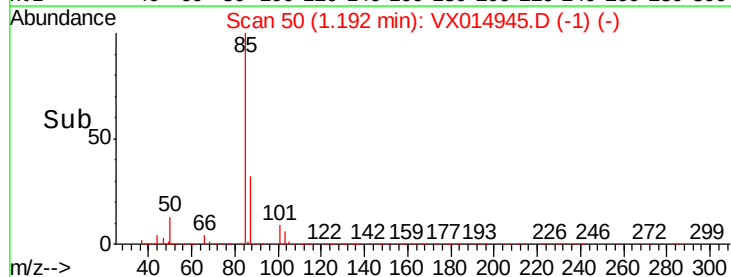
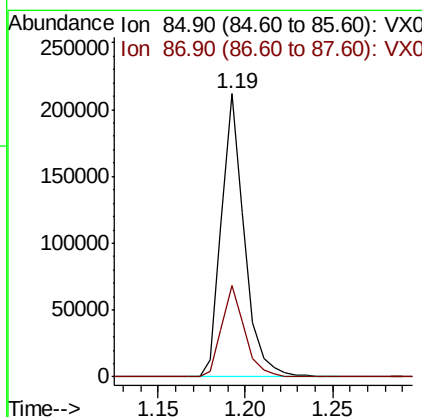
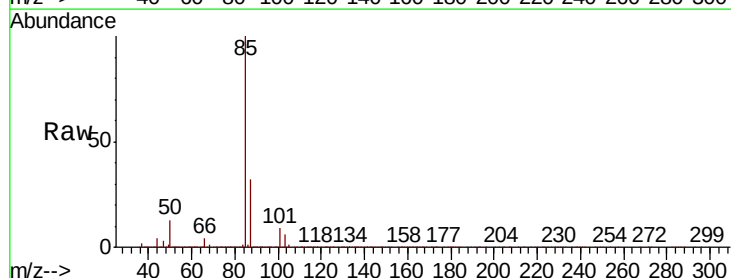
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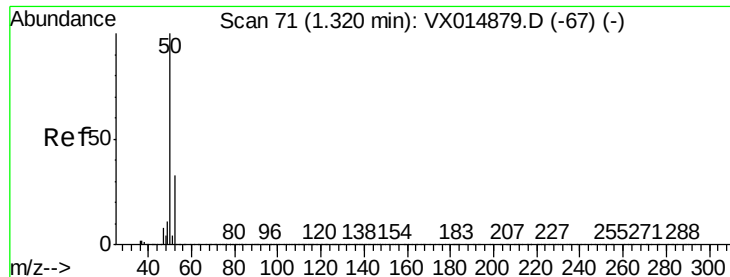


#2

Dichlorodifluoromethane
 Concen: 51.821 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.2





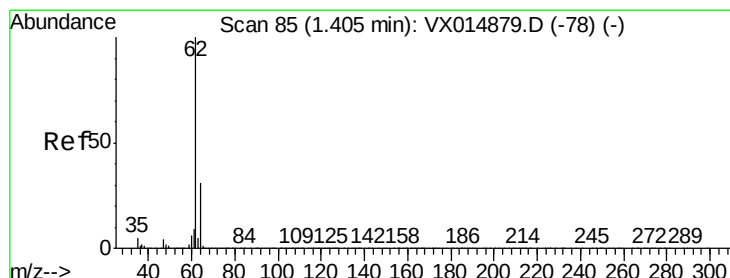
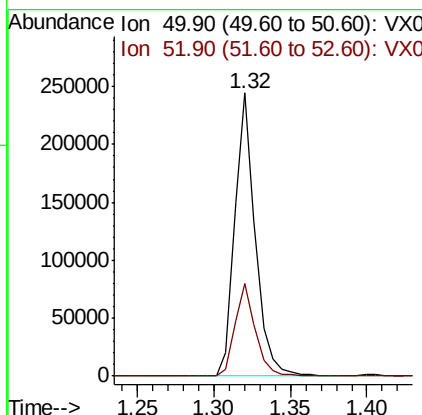
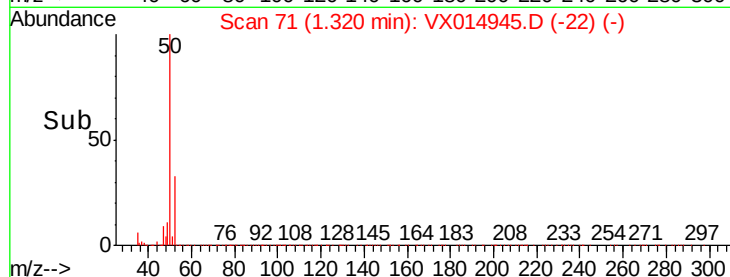
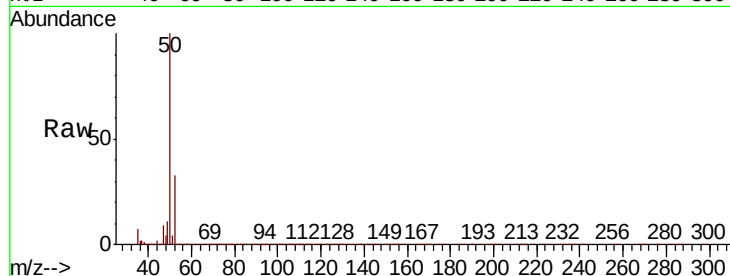
#3
Chloromethane
Concen: 53.624 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.2	39.2

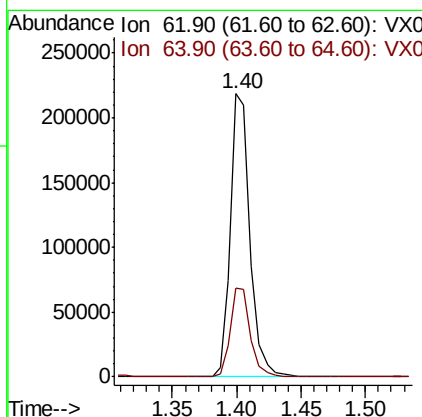
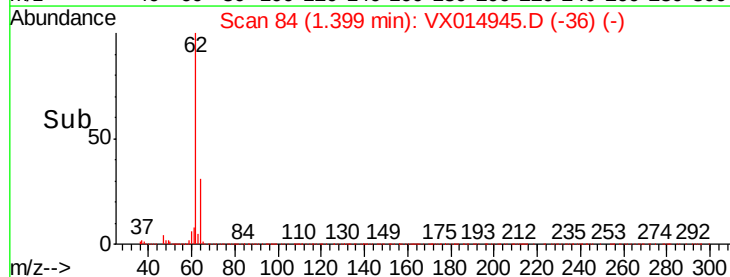
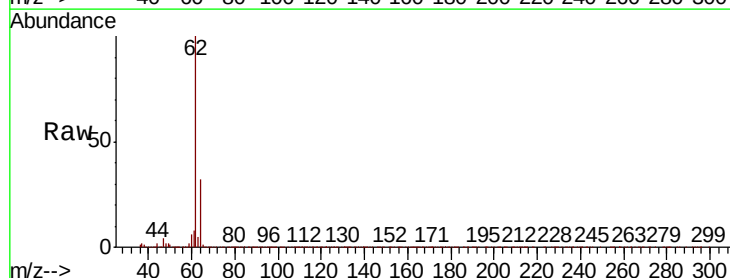
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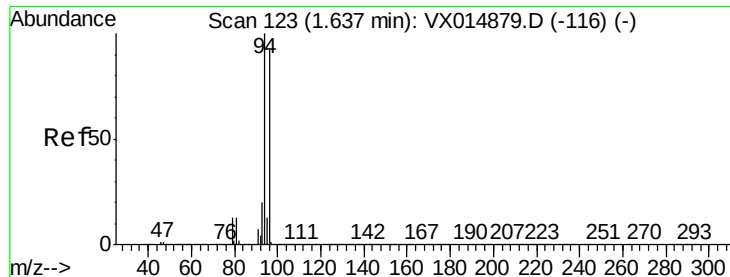
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#4
Vinyl Chloride
Concen: 51.364 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.8	37.2





#5

Bromomethane

Concen: 55.221 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 162167

Ion Ratio Lower Upper

94 100

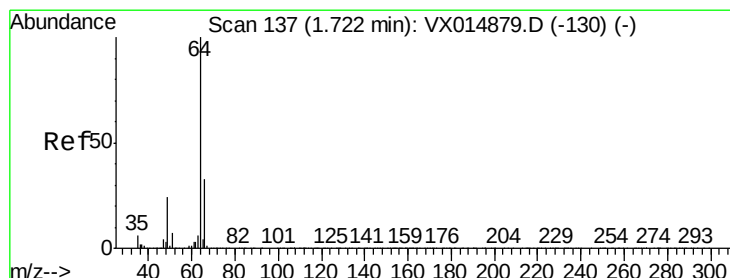
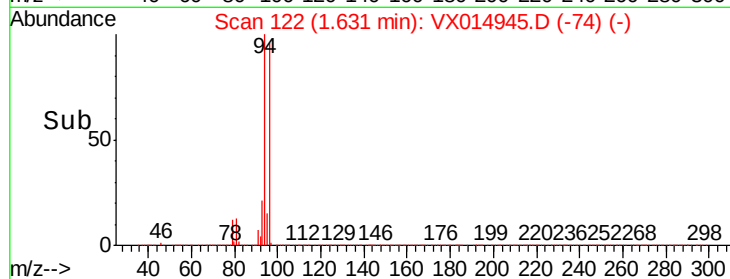
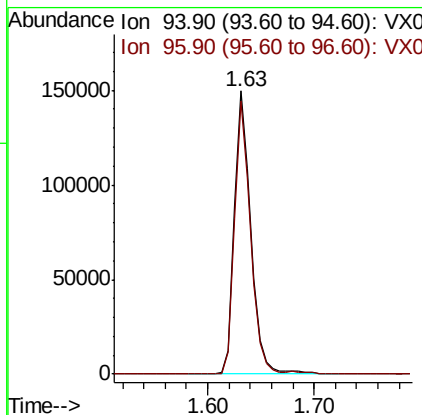
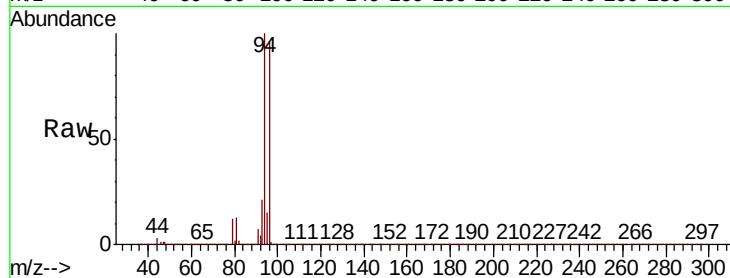
96 96.4 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 51.777 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014945.D

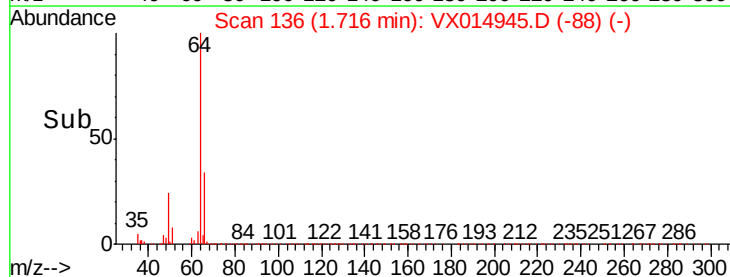
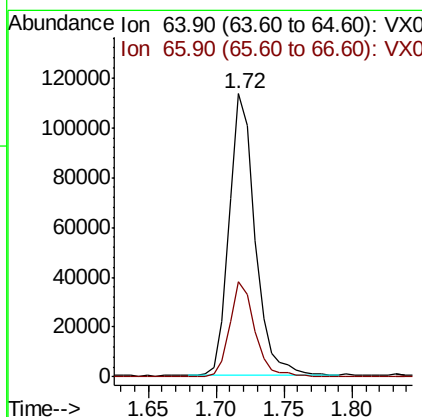
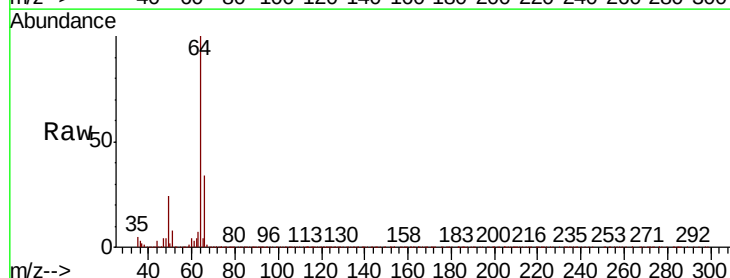
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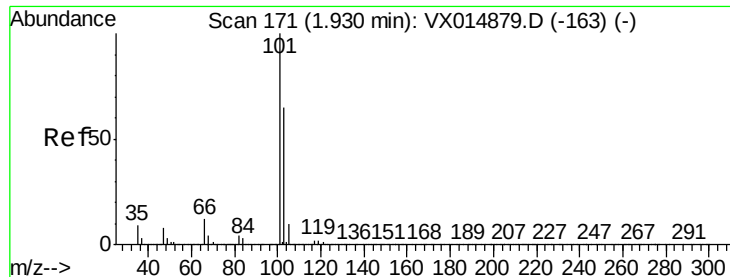
Tgt Ion: 64 Resp: 150307

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.4





#7

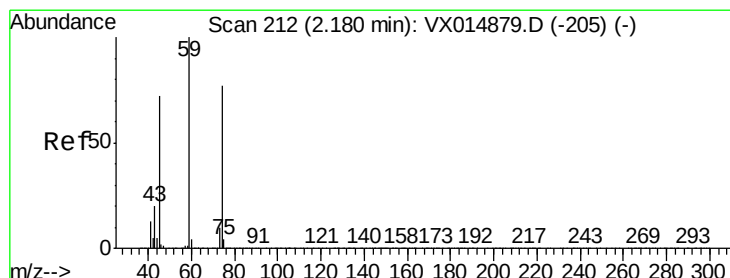
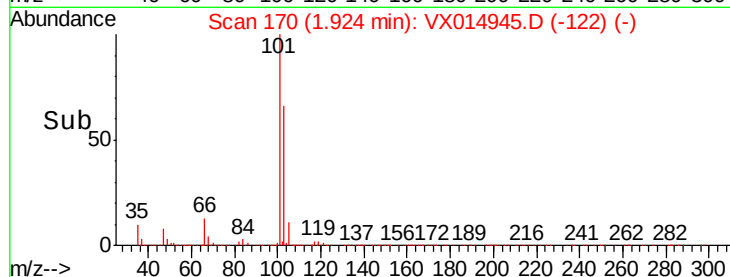
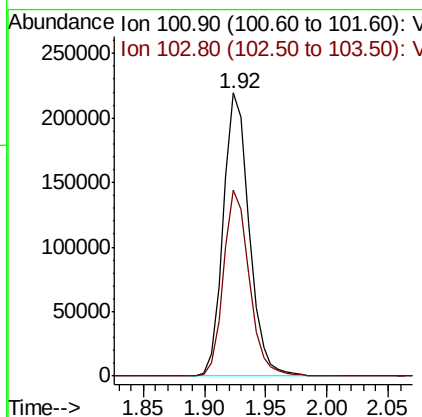
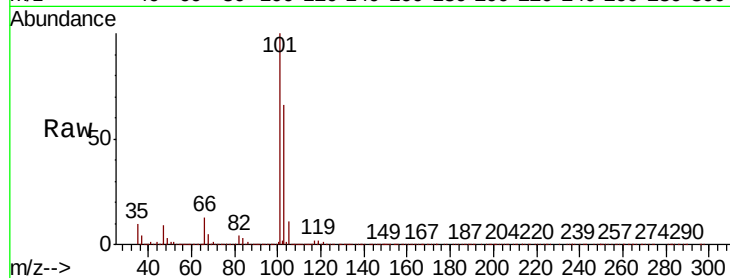
Trichlorofluoromethane
 Concen: 50.893 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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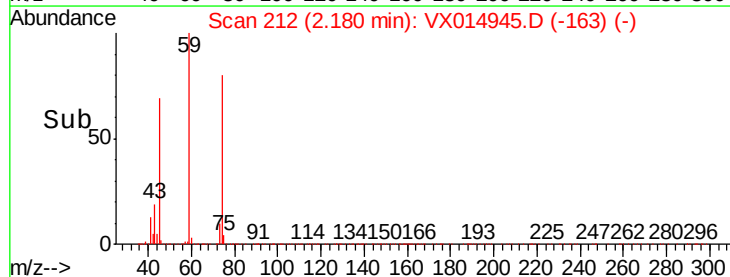
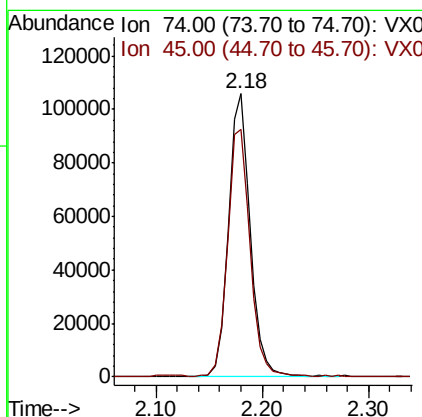
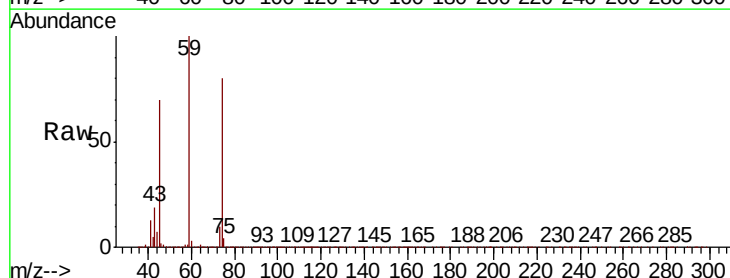
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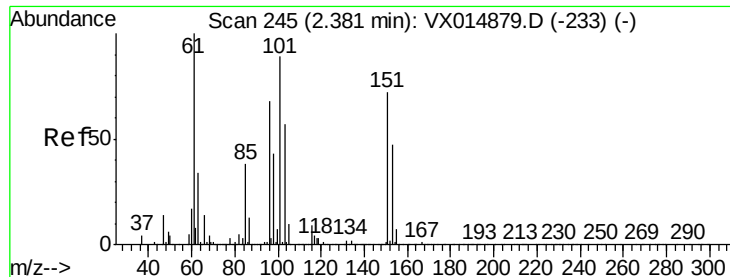


#8

Diethyl Ether
 Concen: 57.848 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.5	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.906 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

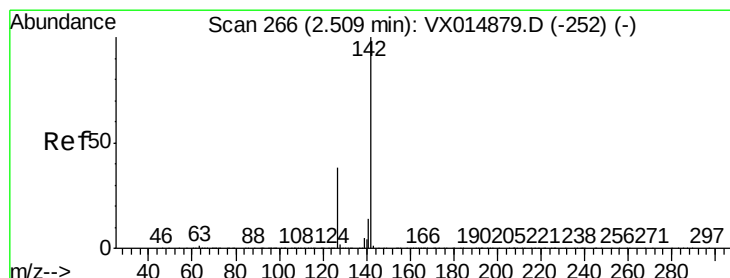
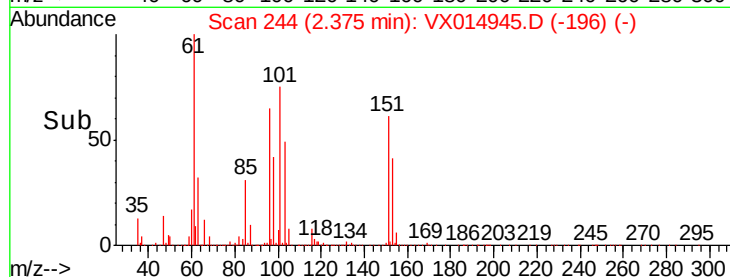
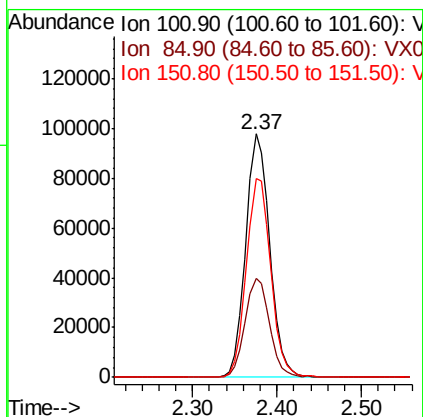
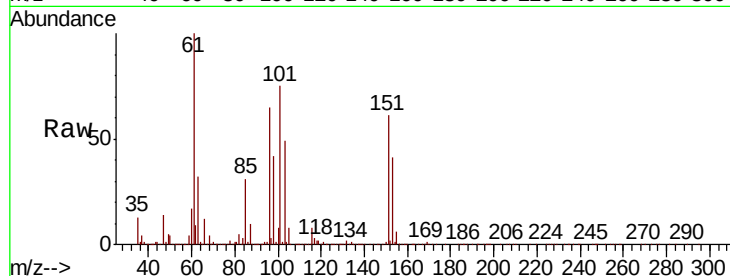
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	187305
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.1	51.1
151	83.2	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 57.534 ug/l

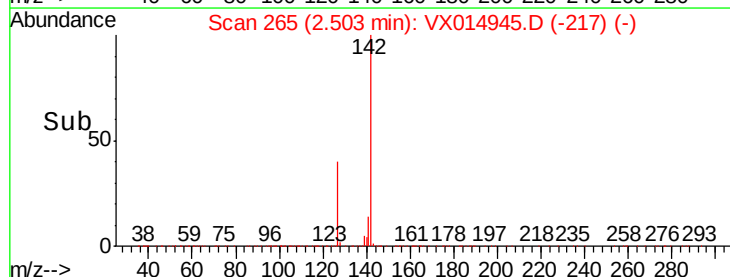
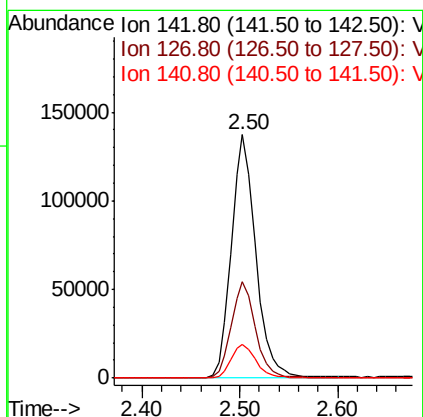
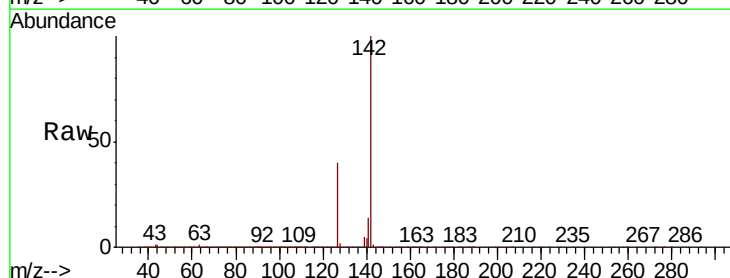
RT: 2.50 min Scan# 265

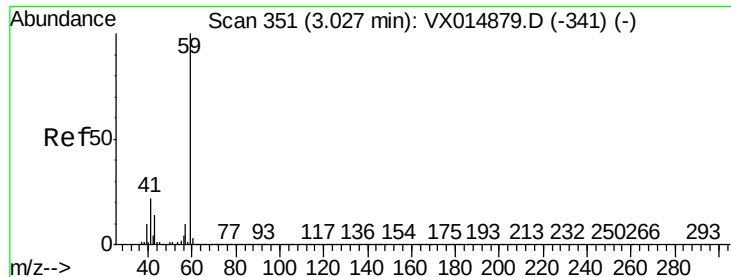
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	142	Resp:	238956
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.1	46.7
141	14.4	11.3	16.9





#11

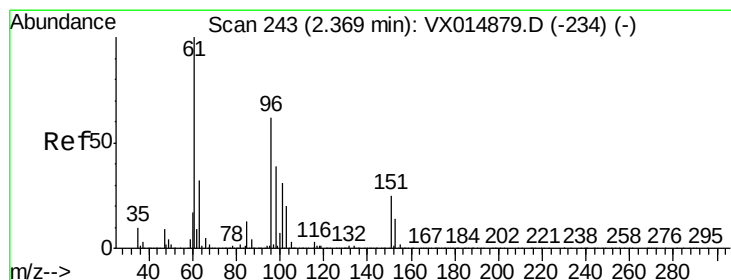
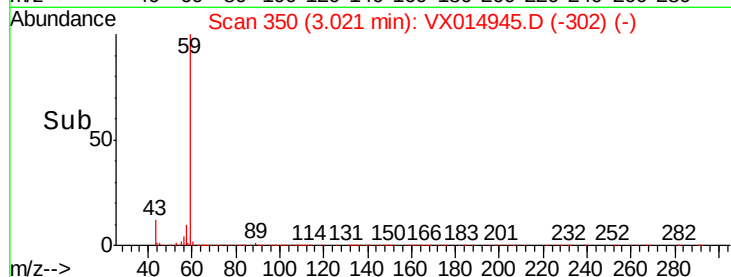
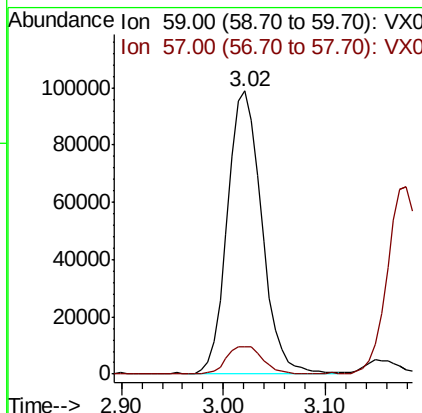
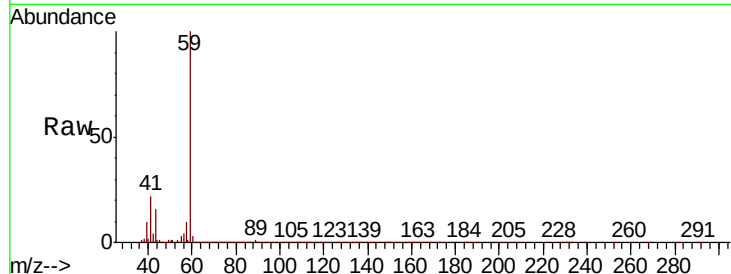
Tert butyl alcohol
Concen: 292.829 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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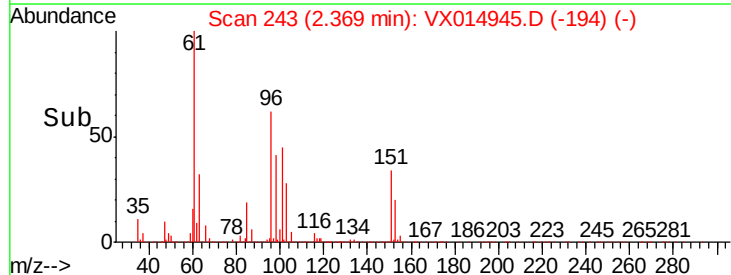
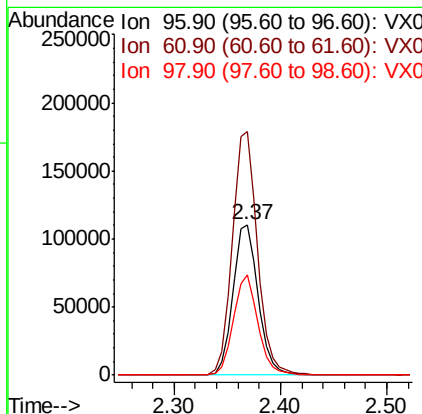
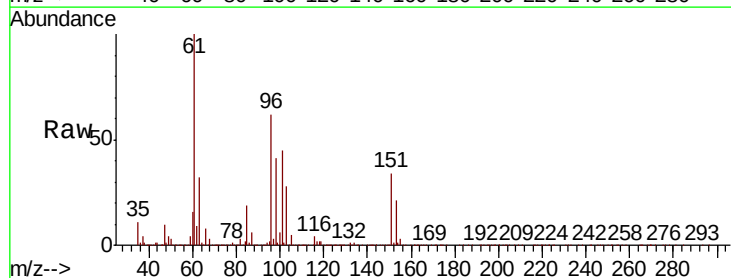
apatel
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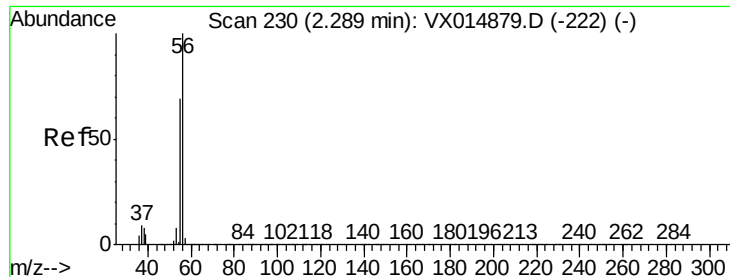


#12

1,1-Dichloroethene
Concen: 51.103 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	129.5	194.3
98	66.3	50.6	76.0





#13

Acrolein

Concen: 290.334 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 172961

Ion Ratio Lower Upper

56 100

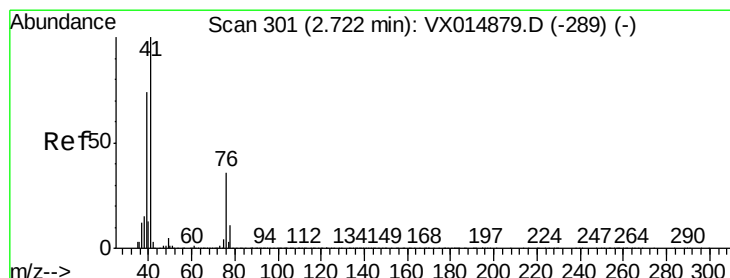
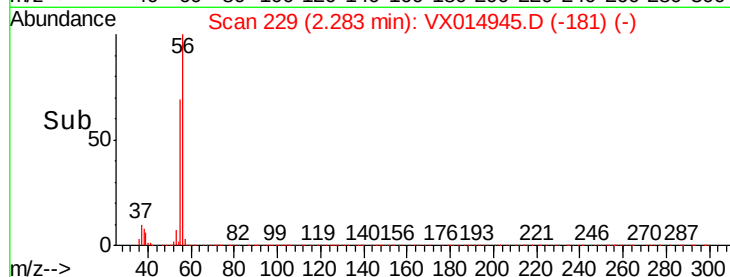
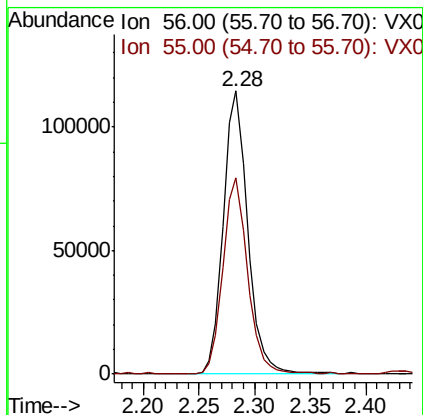
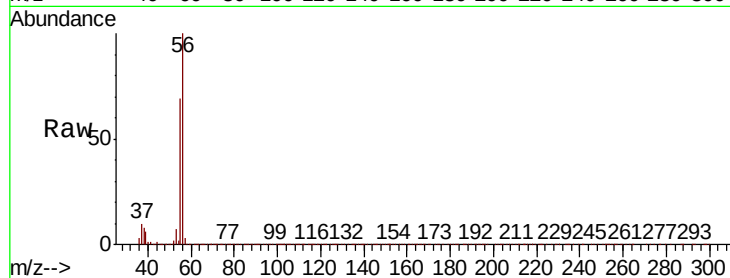
55 70.2 55.0 82.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.294 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

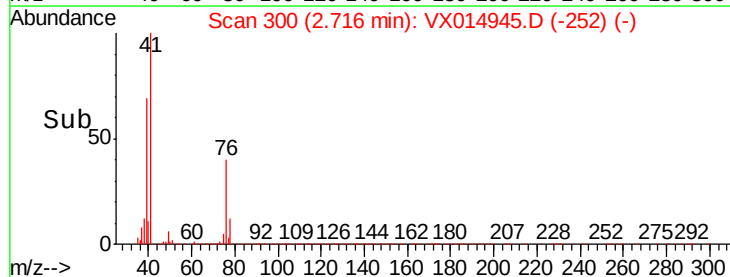
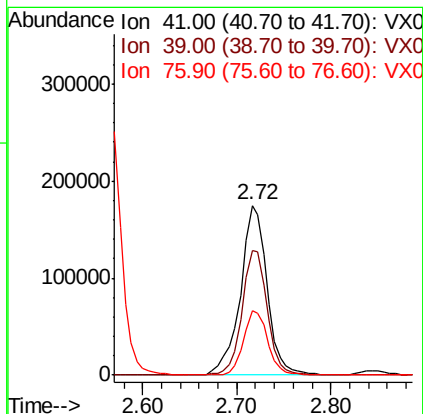
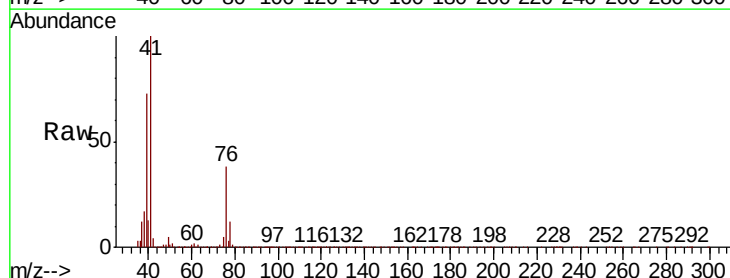
Tgt Ion: 41 Resp: 346099

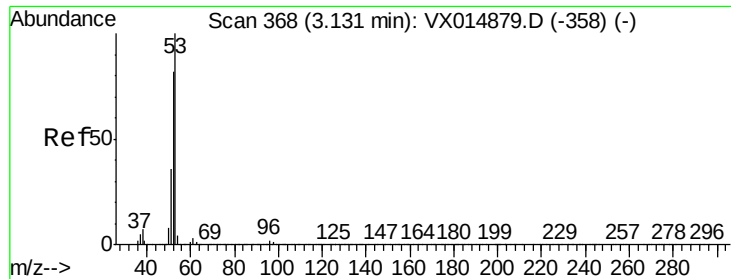
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 34.8 26.8 40.2





#15

Acrylonitrile

Concen: 289.137 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

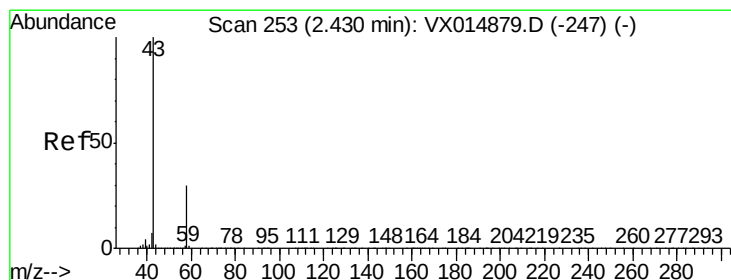
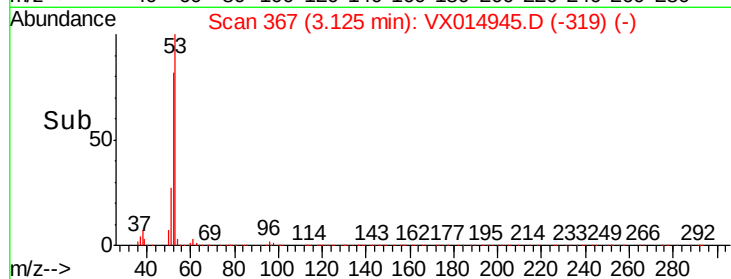
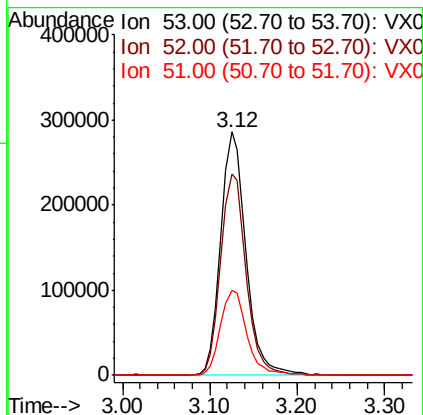
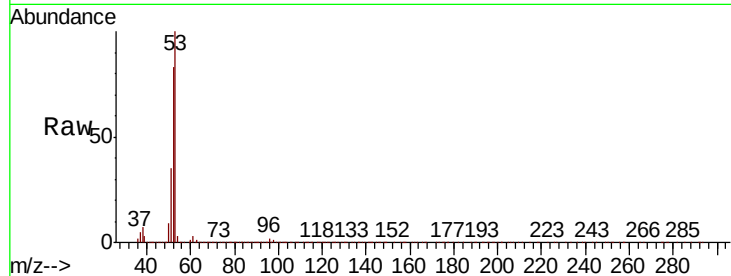
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	572924
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.8	98.6
51	36.5	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 234.070 ug/l

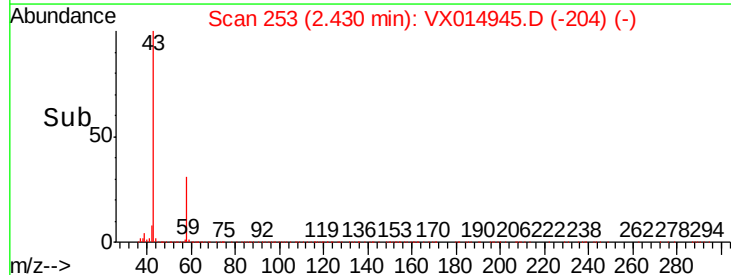
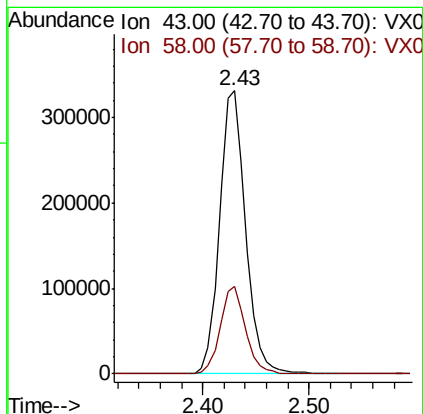
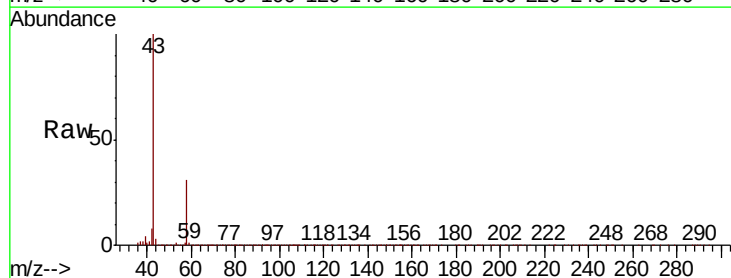
RT: 2.43 min Scan# 253

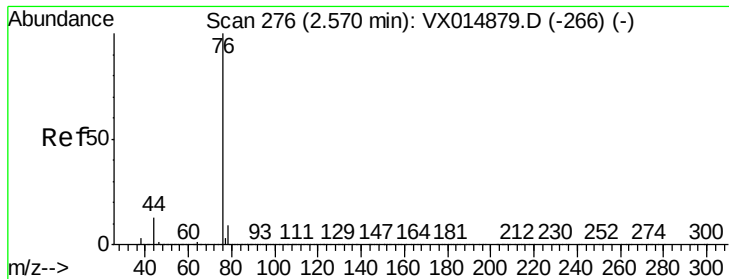
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	43	Resp:	558278
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.1	36.1





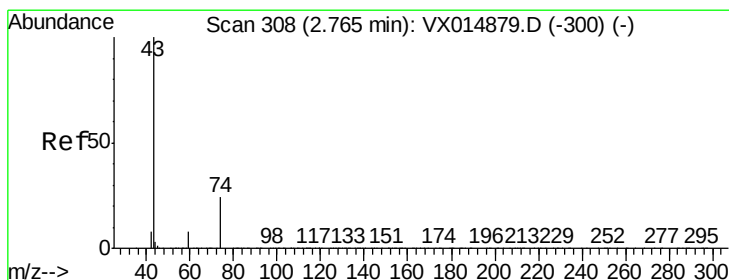
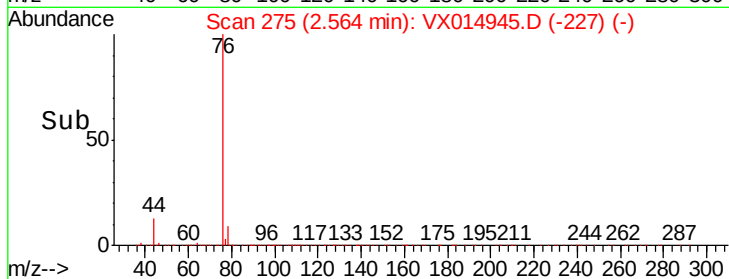
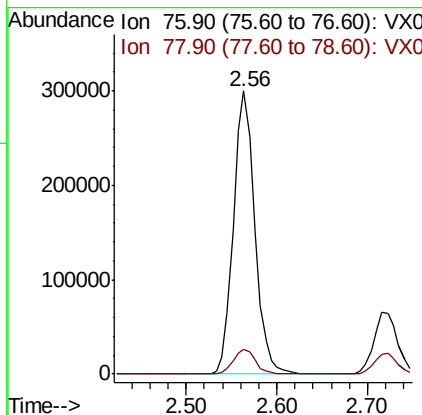
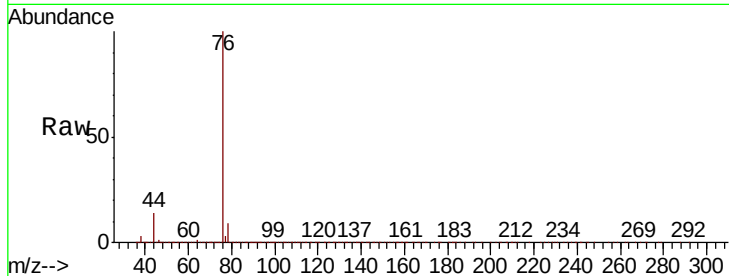
#17
Carbon Disulfide
Concen: 48.763 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

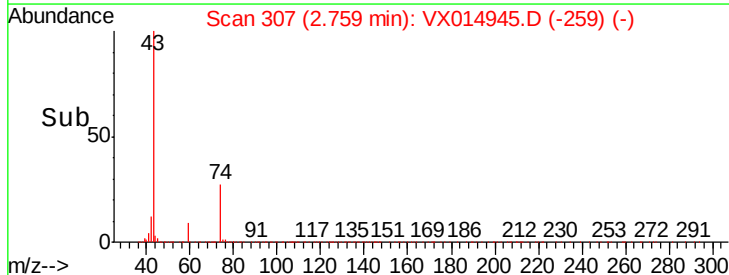
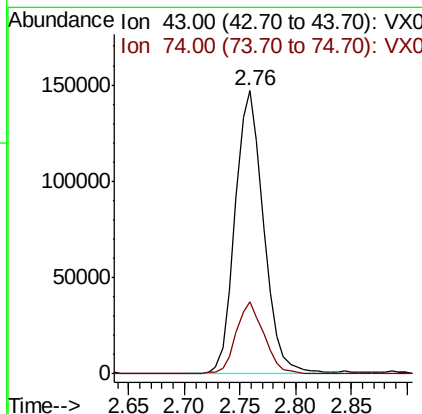
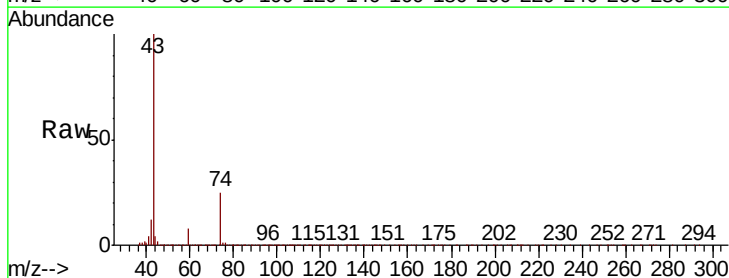
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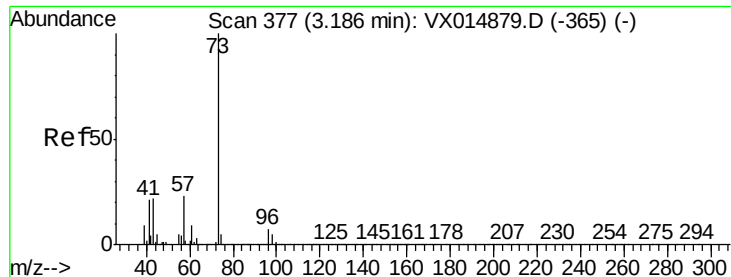
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#18
Methyl Acetate
Concen: 58.348 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.4	29.0





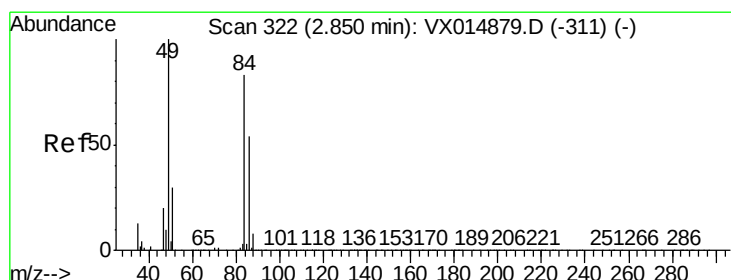
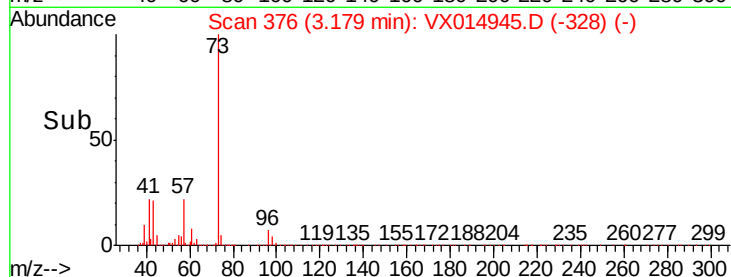
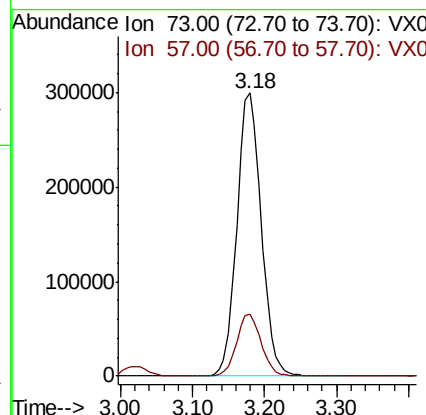
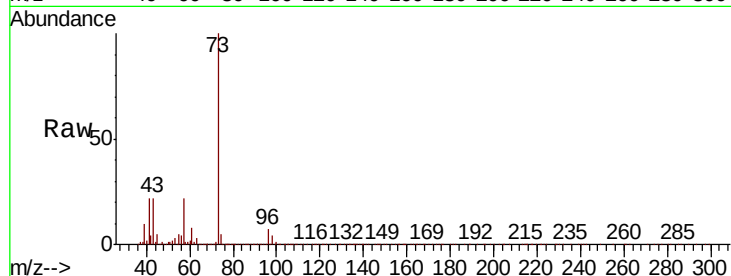
#19
Methyl tert-butyl Ether
Concen: 60.197 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.2	27.4

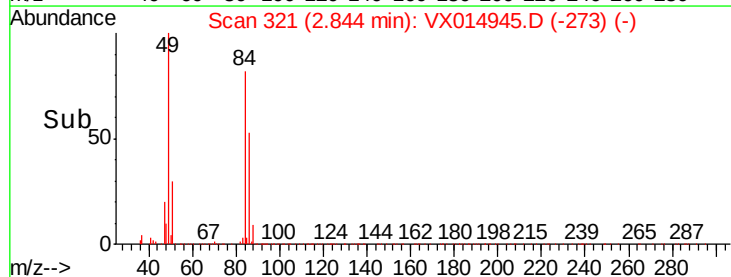
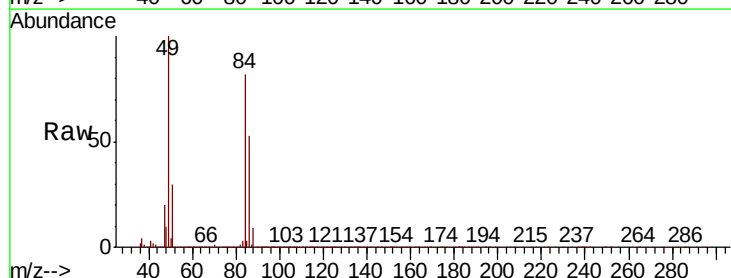
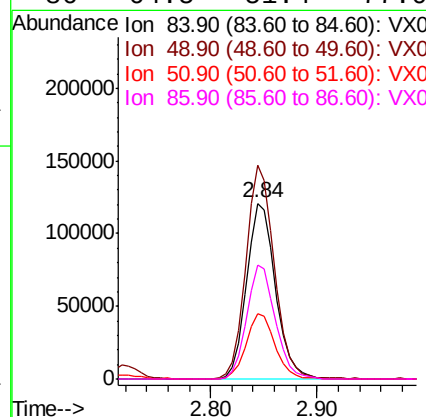
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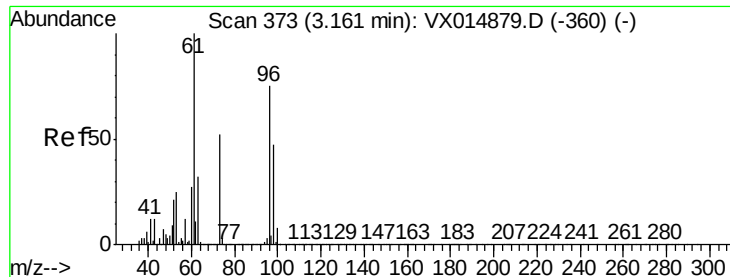
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#20
Methylene Chloride
Concen: 54.108 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	95.6	143.4
51	36.6	29.0	43.6
86	64.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 53.353 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

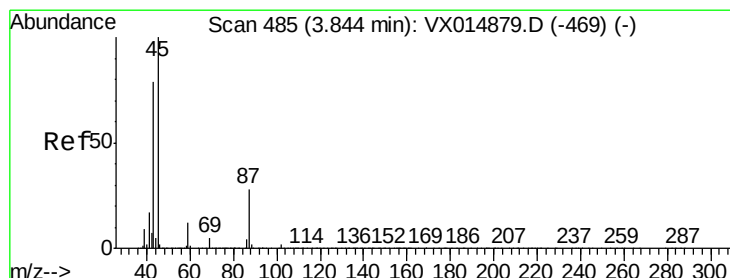
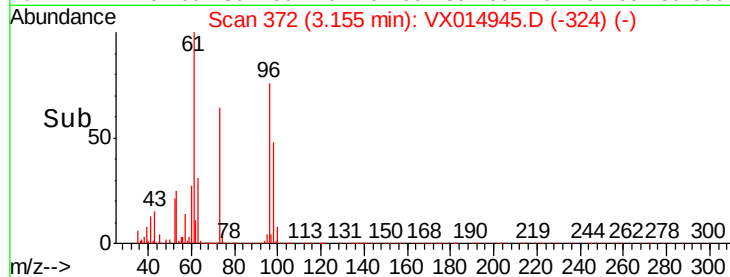
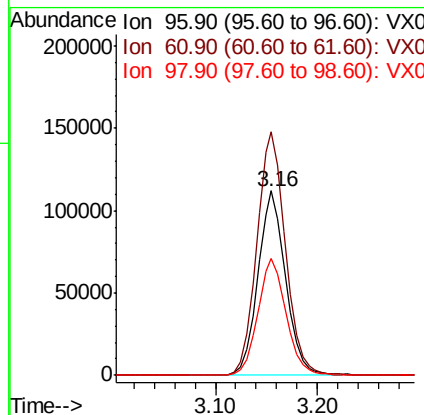
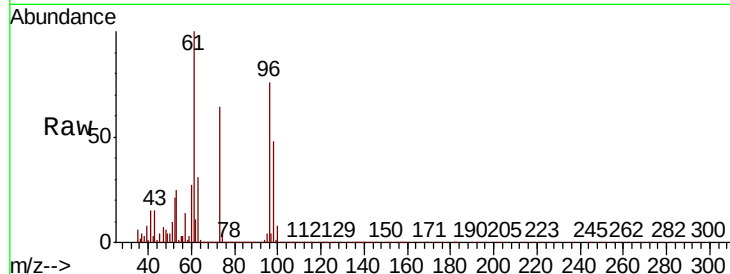
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	211663
Ion Ratio	Lower	Upper	
96	100		
61	131.9	106.9	160.3
98	63.0	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.177 ug/l

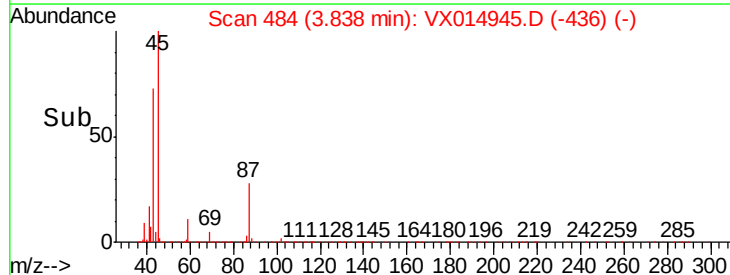
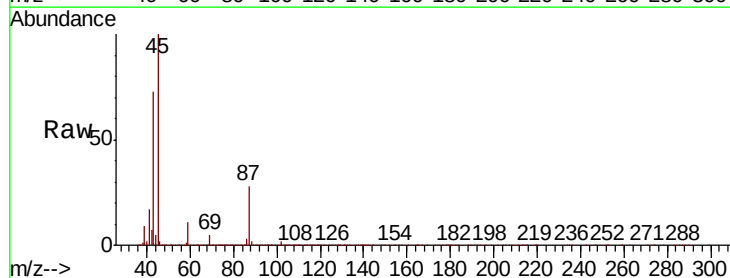
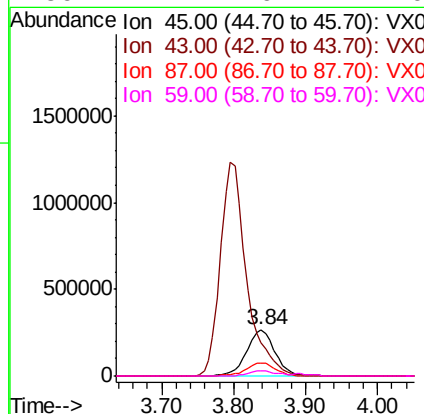
RT: 3.84 min Scan# 484

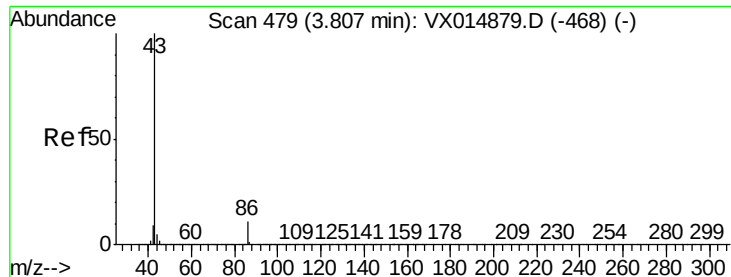
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	45	Resp:	720466
Ion Ratio	Lower	Upper	
45	100		
43	73.4	63.5	95.3
87	28.0	22.2	33.4
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 314.906 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3160501

Ion Ratio Lower Upper

43 100

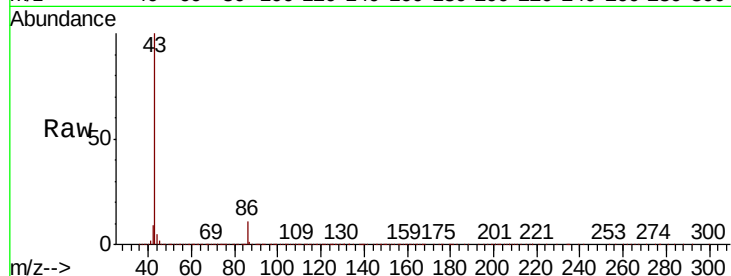
86 11.1 8.9 13.3

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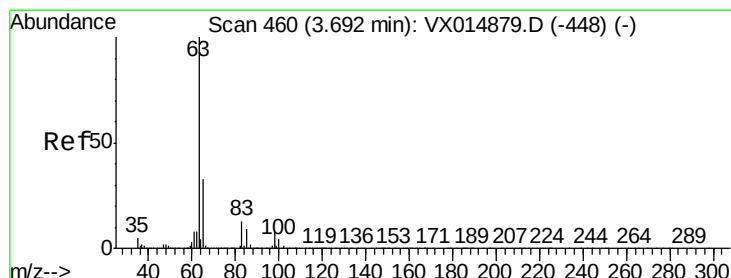
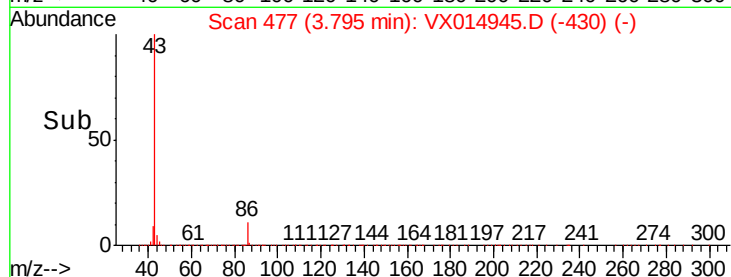
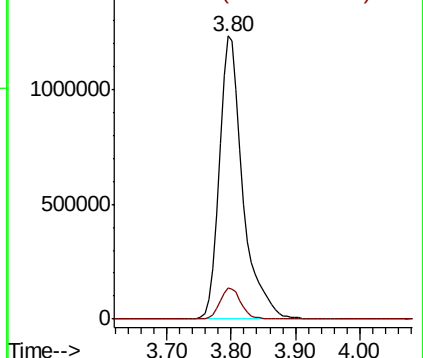
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.663 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

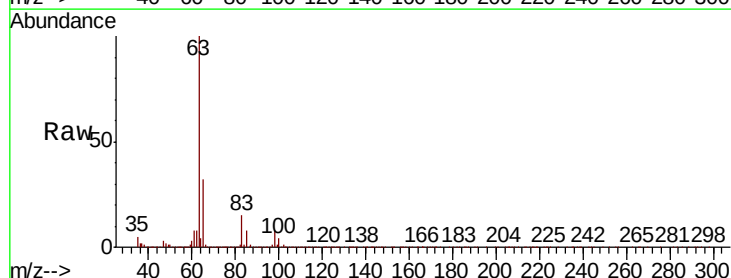
Tgt Ion: 63 Resp: 389346

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

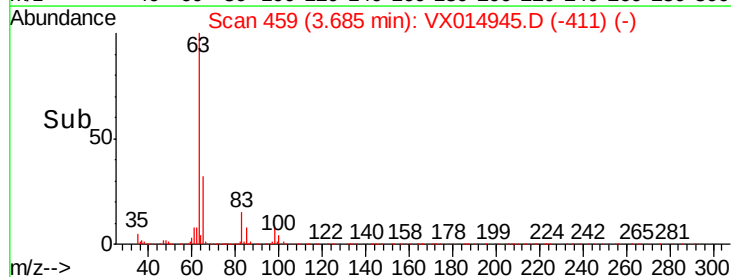
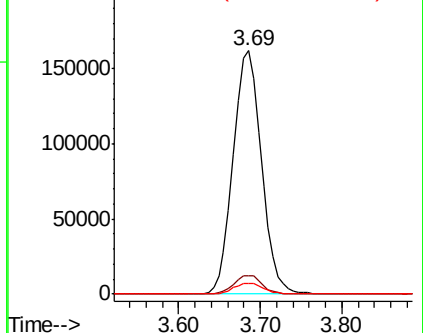
100 4.4 2.2 6.6

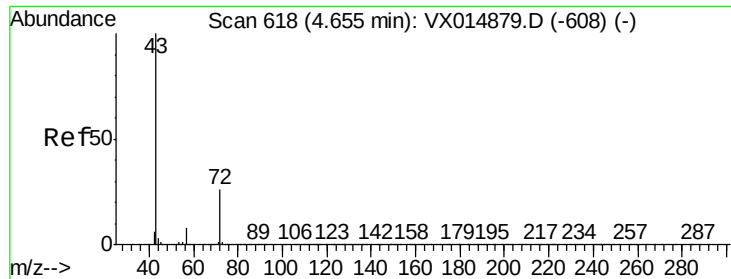


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 272.129 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tot Ion: 43 Resp: 820151

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

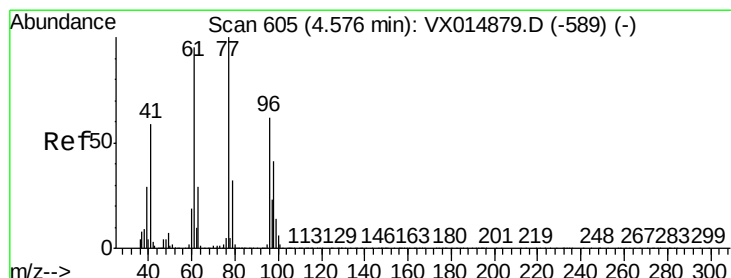
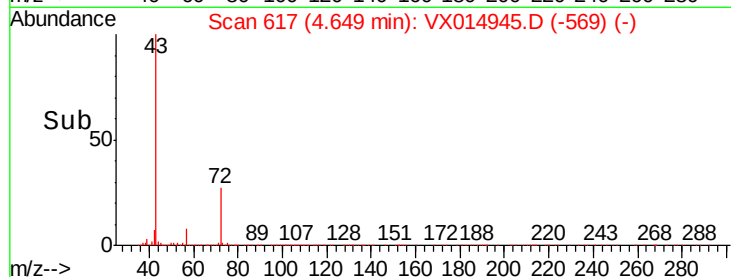
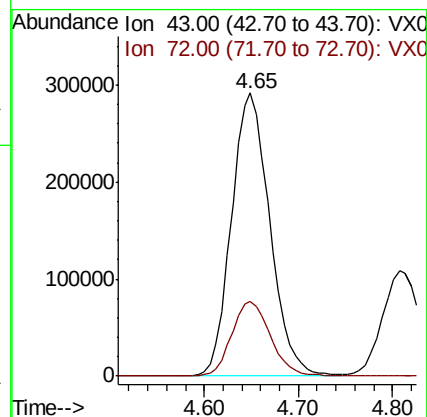
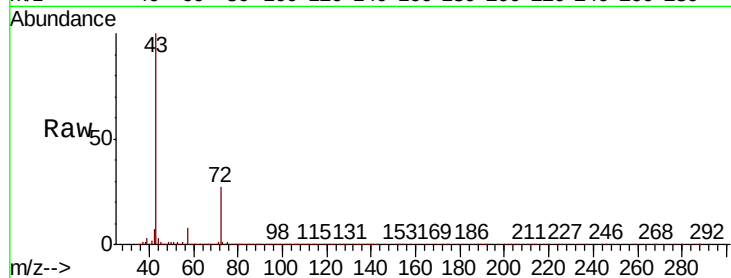
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.434 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014945.D

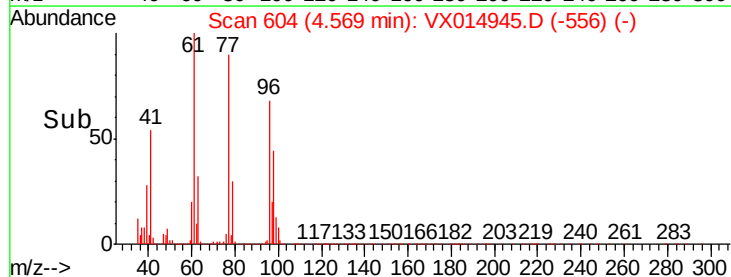
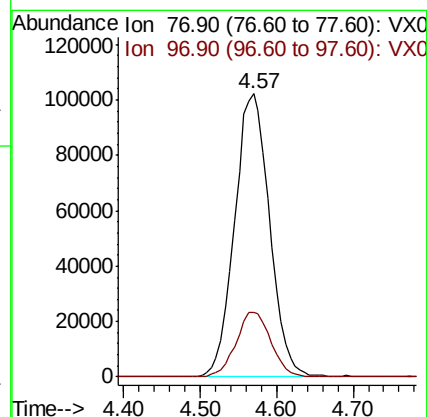
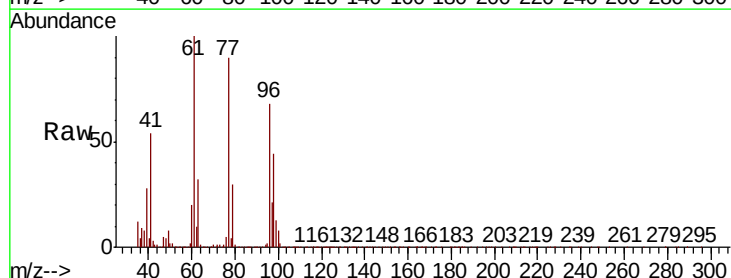
Acq: 14 Feb 2020 16:13

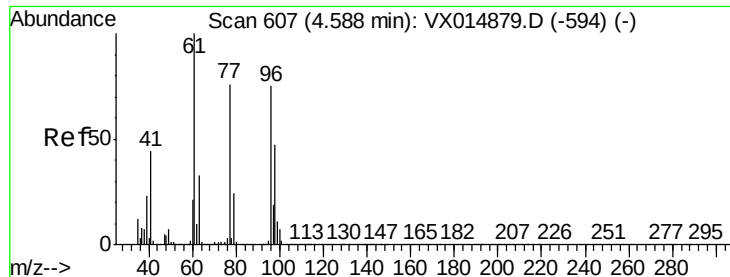
Tgt Ion: 77 Resp: 322333

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

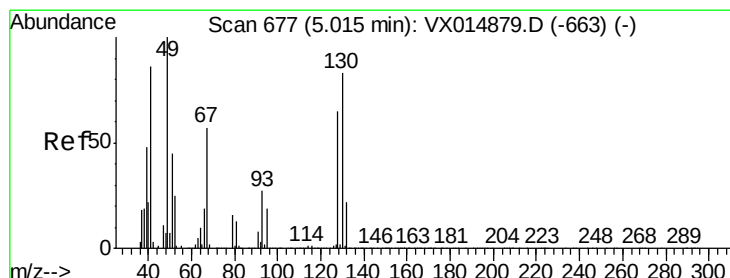
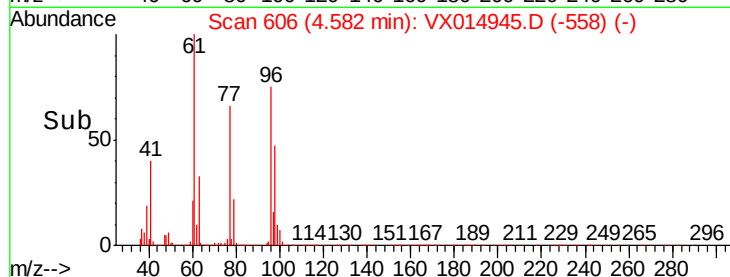
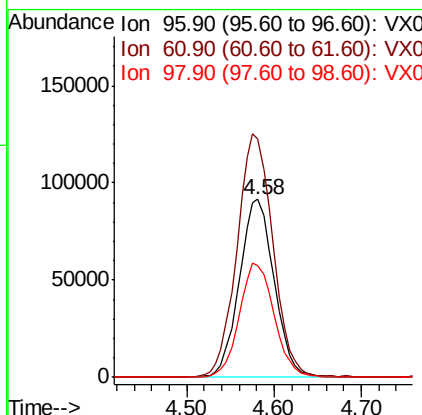
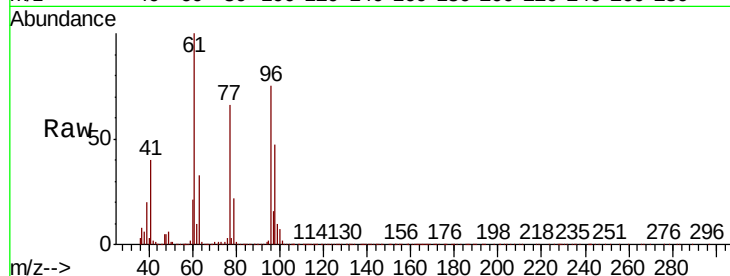
cis-1,2-Dichloroethene
Concen: 56.901 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252342		
61	141.8	0.0	286.2	
98	64.1	0.0	131.0	

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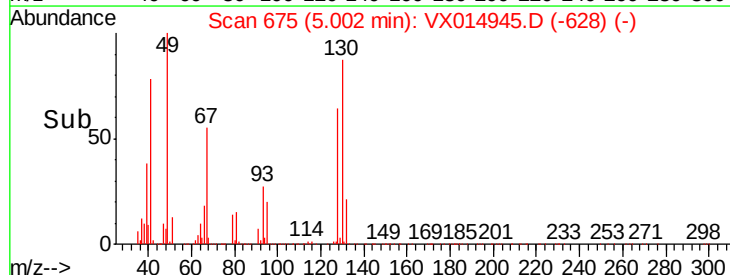
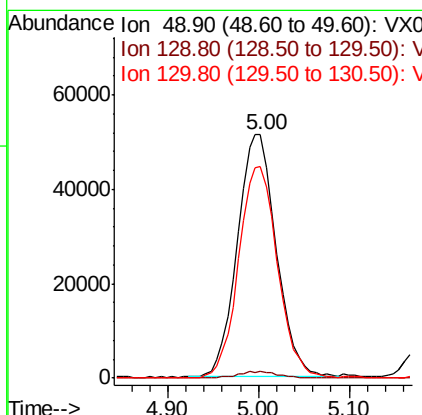
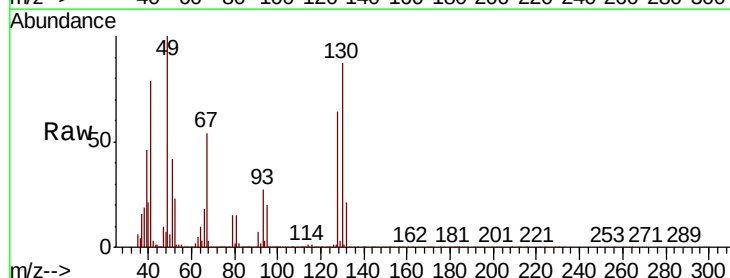
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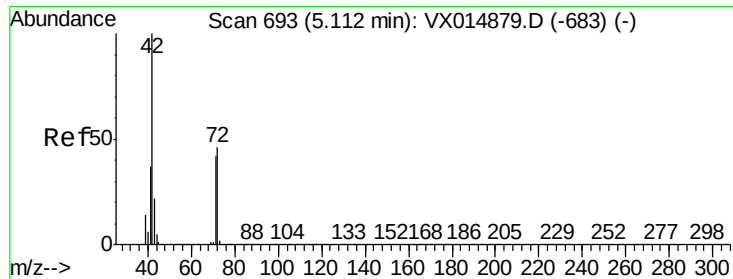


#28

Bromochloromethane
Concen: 57.521 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153199		
129	2.8	0.0	5.2	
130	87.6	67.4	101.2	





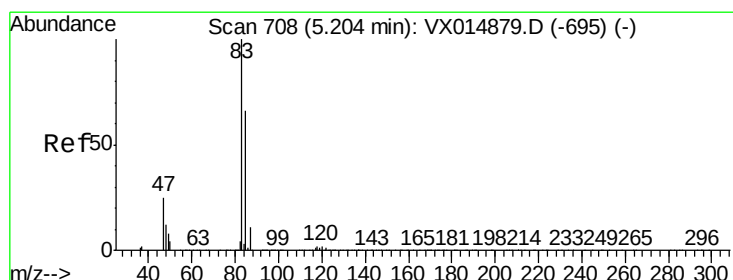
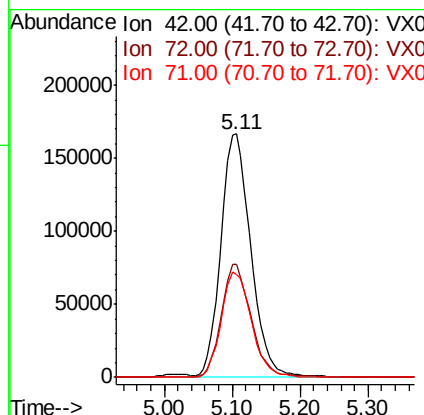
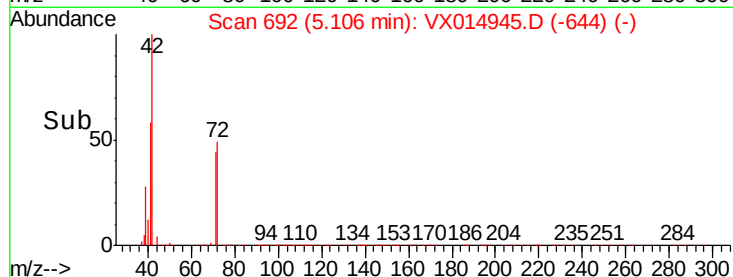
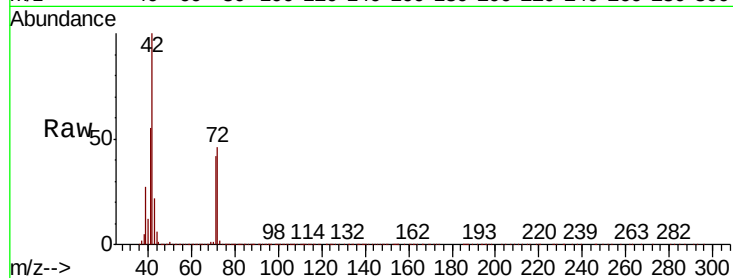
#29
Tetrahydrofuran
Concen: 295.671 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	43.5	34.1	51.1

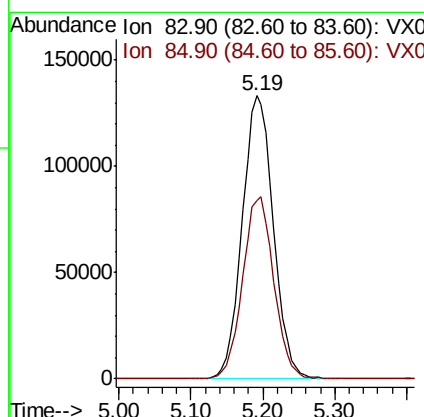
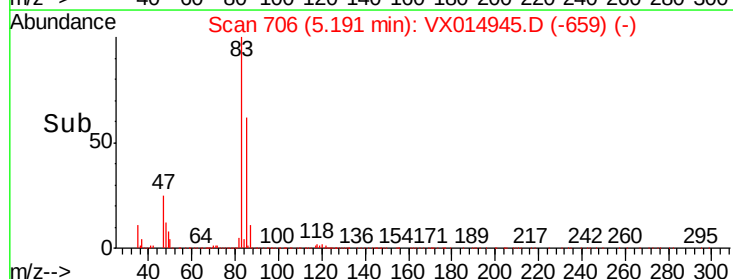
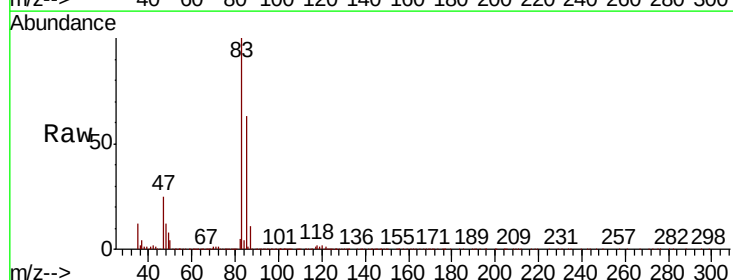
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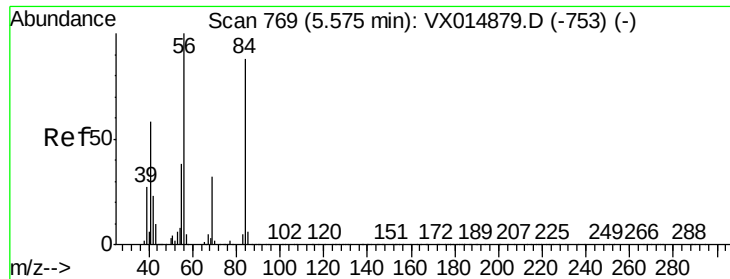
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#30
Chloroform
Concen: 58.579 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.9	79.3





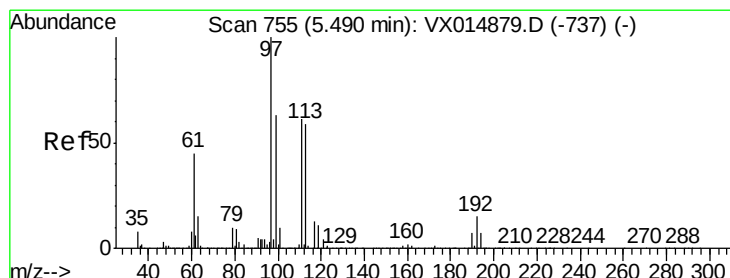
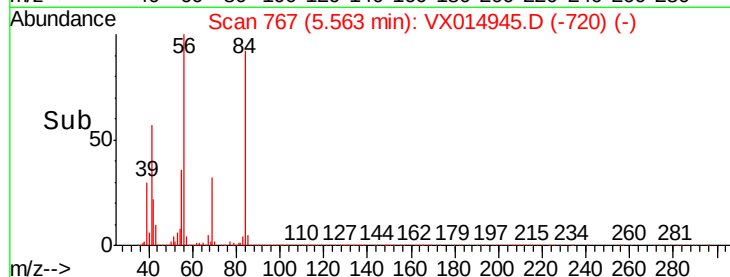
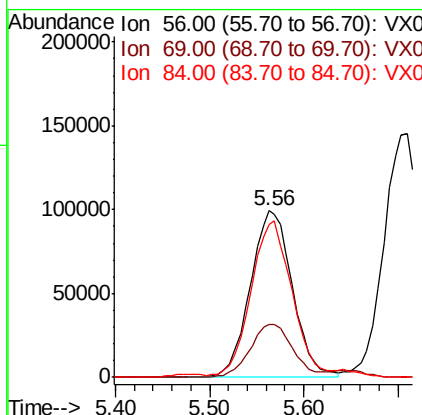
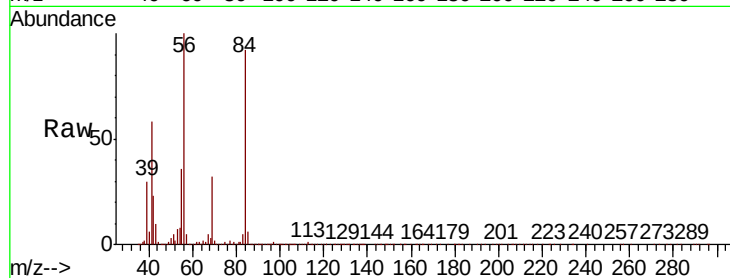
#31
Cyclohexane
Concen: 49.472 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	90.3	70.4	105.6

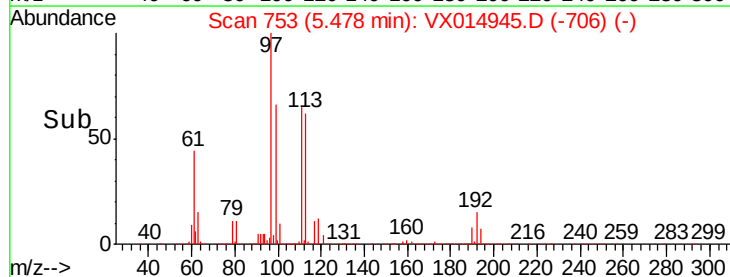
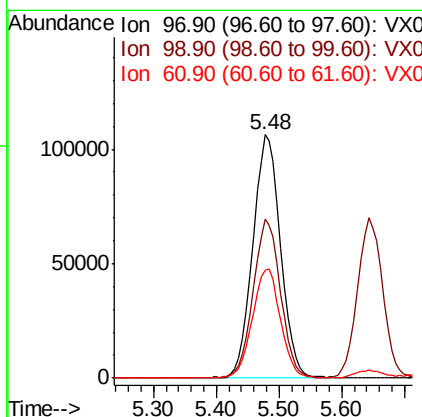
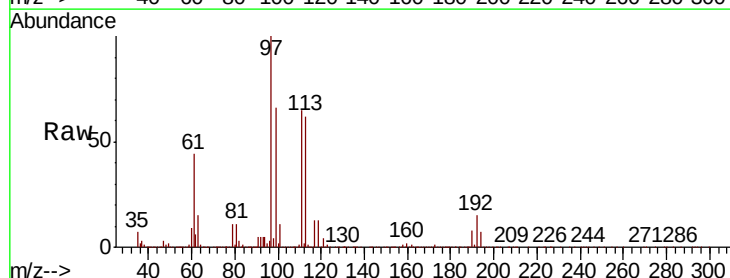
Manual Integrations
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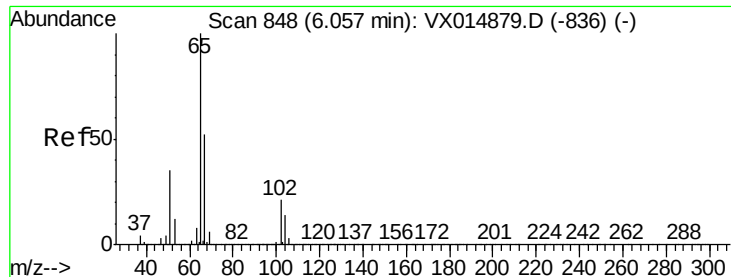
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#32
1,1,1-Trichloroethane
Concen: 54.483 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	45.1	36.3	54.5





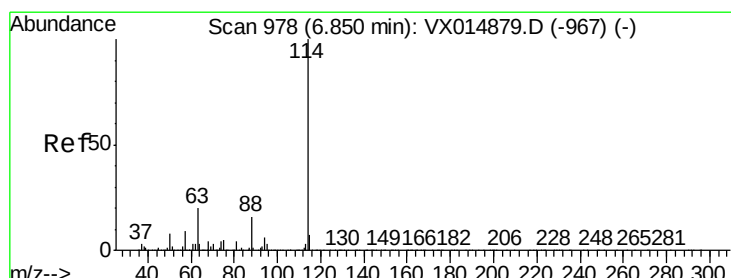
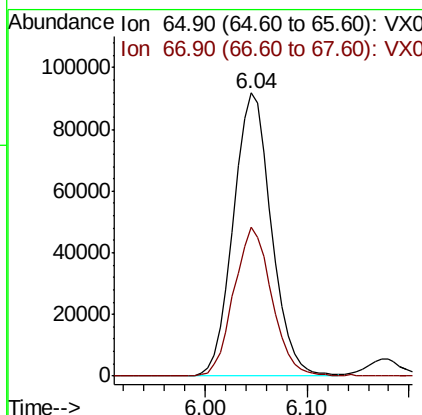
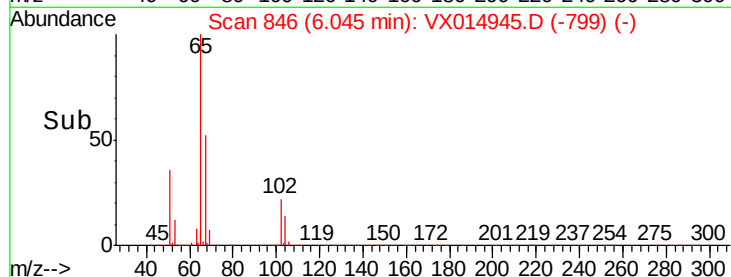
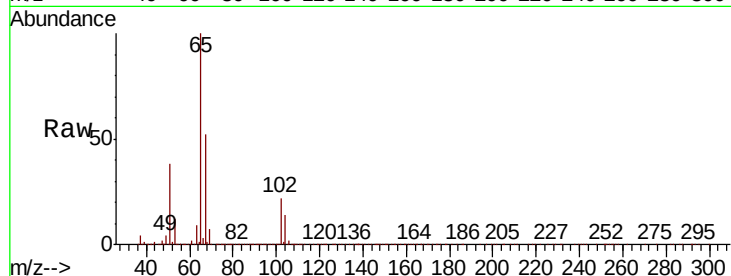
#33
 1,2-Dichloroethane-d4
 Concen: 53.433 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236545		
67	52.3	0.0	103.0	

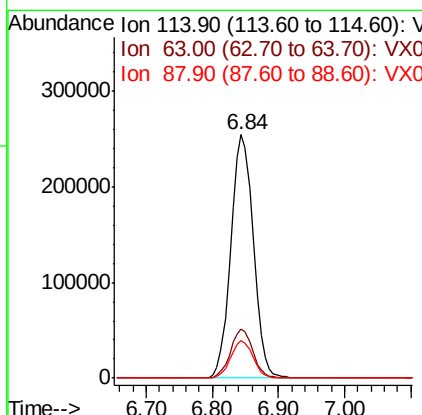
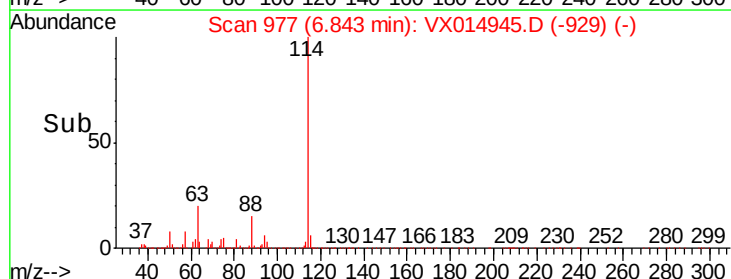
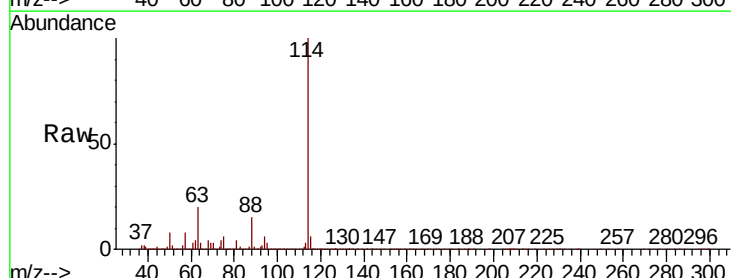
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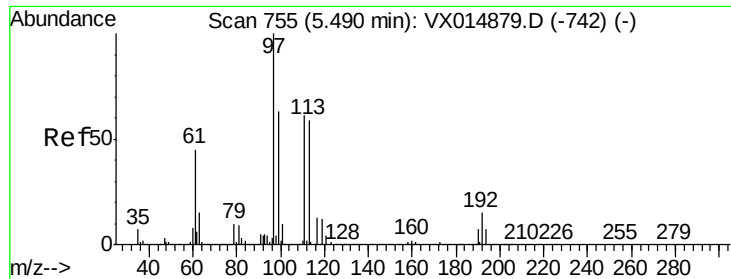
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	600335		
63	20.1	0.0	39.2	
88	15.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

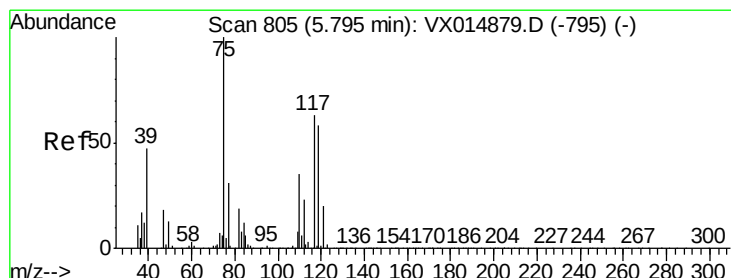
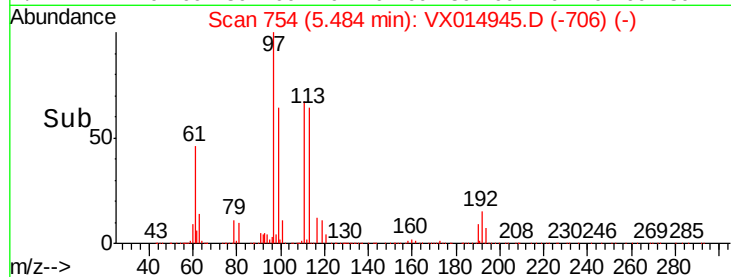
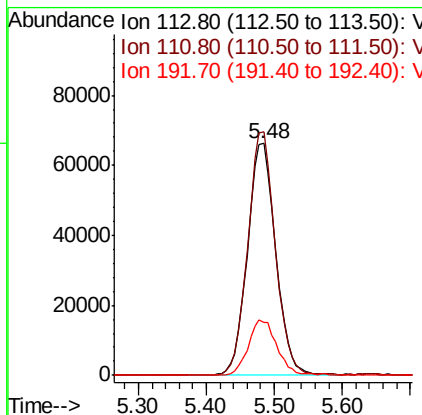
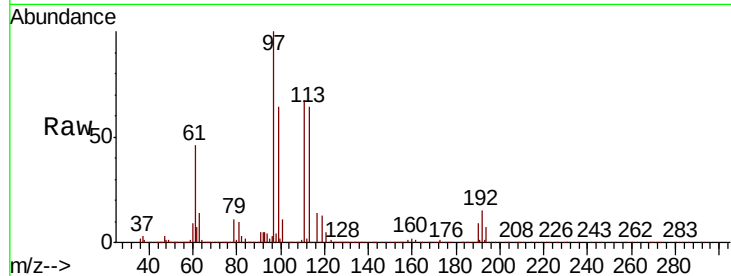
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	192857
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.4	123.6
192	24.0	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.444 ug/l

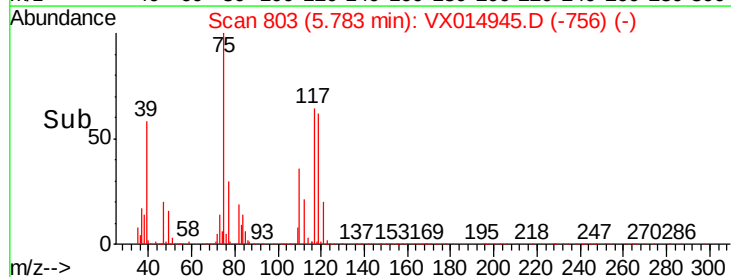
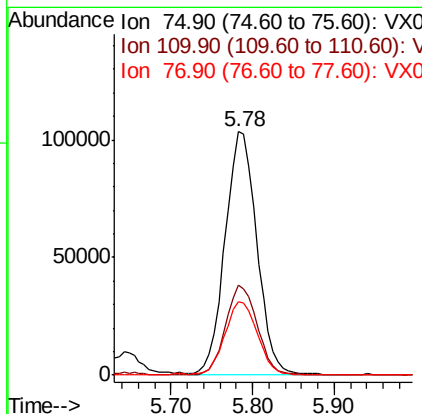
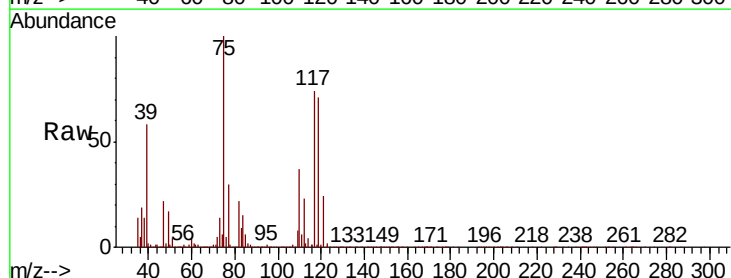
RT: 5.78 min Scan# 803

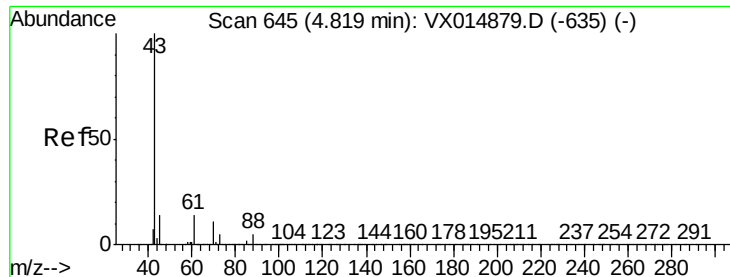
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	75	Resp:	276264
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.3	54.8
77	30.7	24.6	36.8





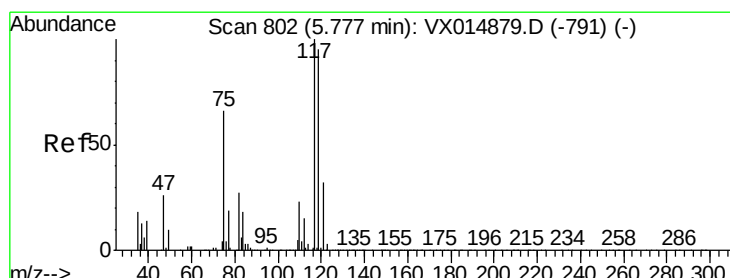
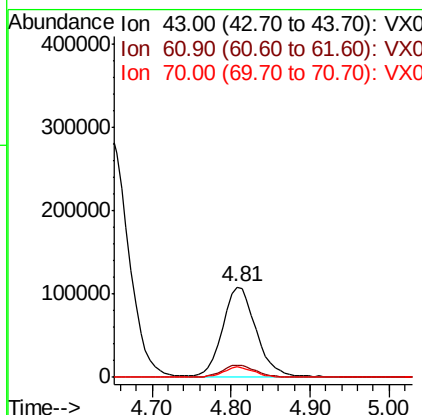
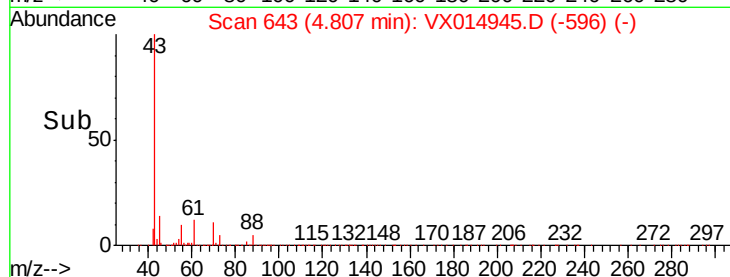
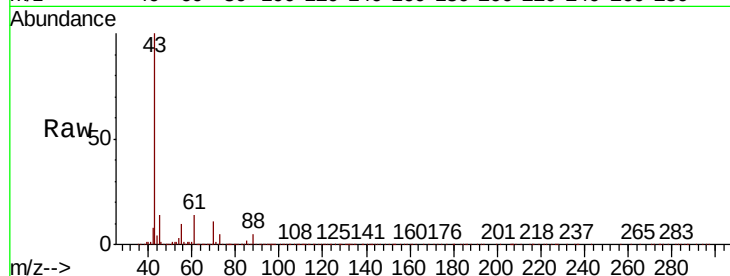
#37
Ethyl Acetate
Concen: 56.644 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	11.1	8.7	13.1

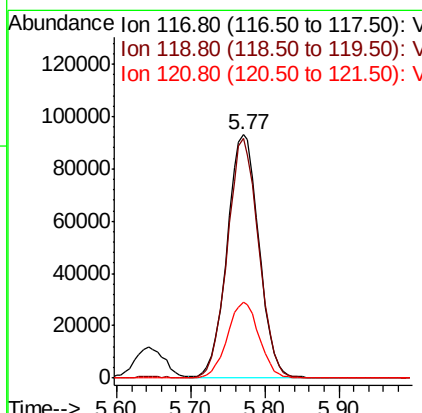
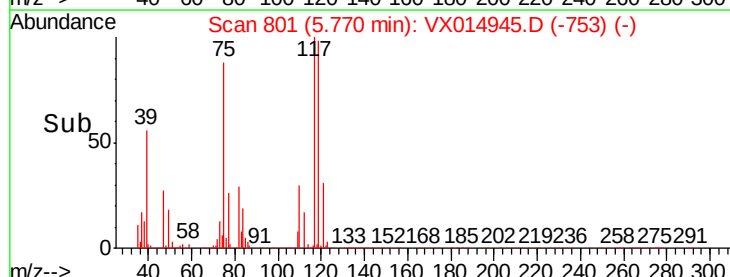
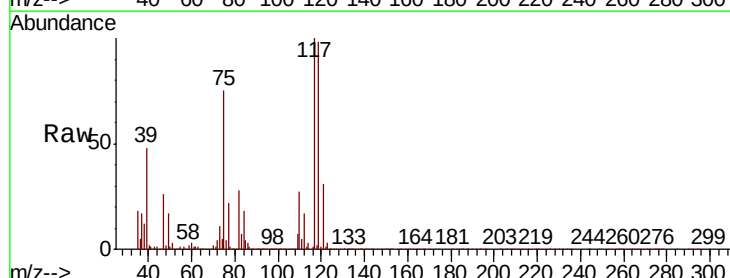
Manual Integrations
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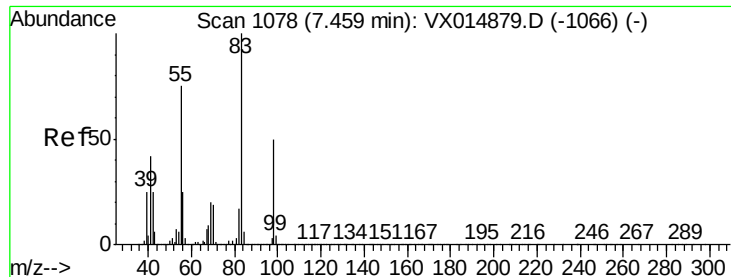
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#38
Carbon Tetrachloride
Concen: 52.943 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.0	114.0
121	31.1	25.4	38.2





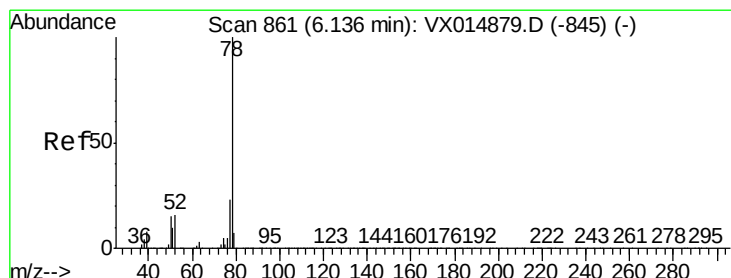
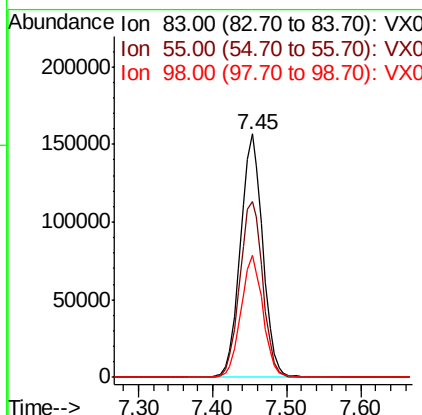
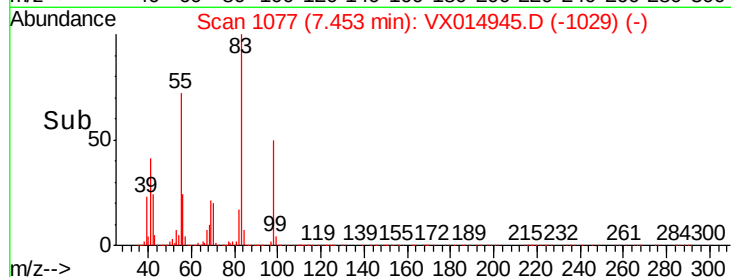
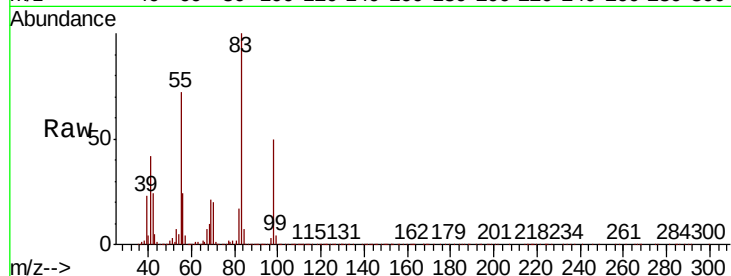
#39
Methylvlcyclohexane
Concen: 49.019 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	329220		
55	72.0		60.0	90.0
98	50.2		39.6	59.4

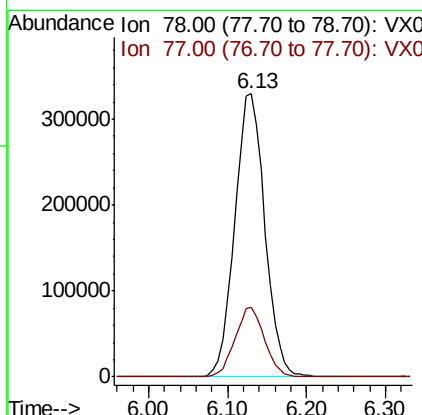
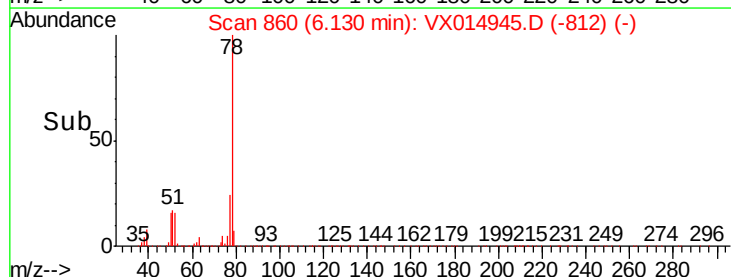
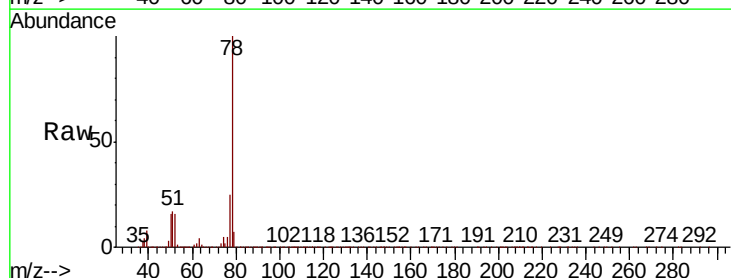
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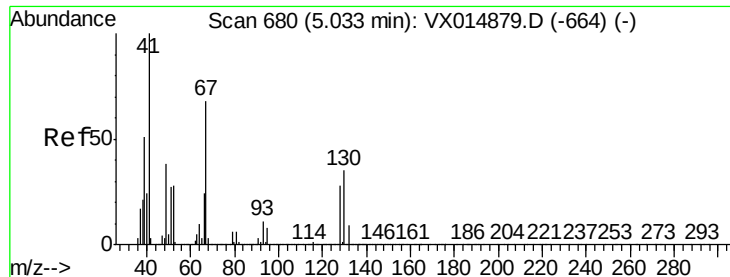
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#40
Benzene
Concen: 54.466 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	873912		
77	24.6		18.8	28.2





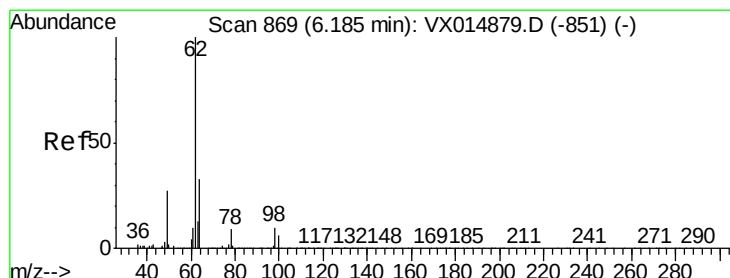
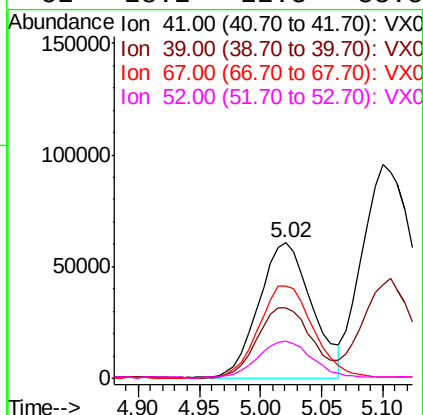
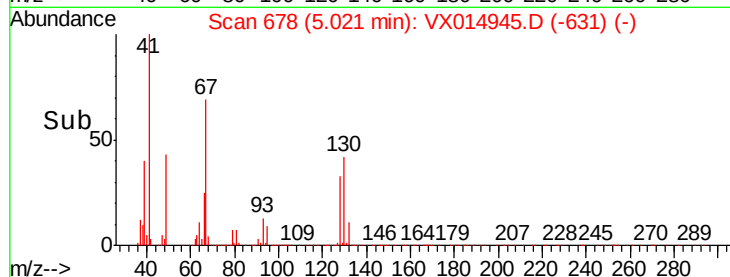
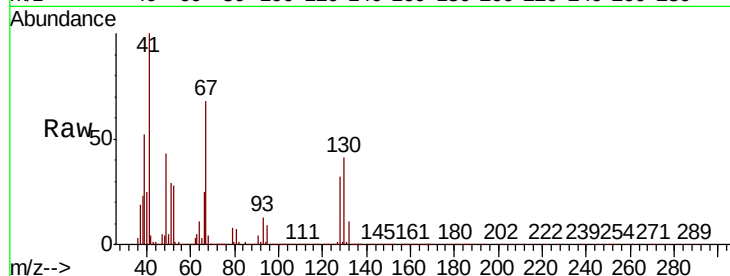
#41
Methacrylonitrile
Concen: 60.598 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.7	67.1	
67	70.2	56.6	84.8	
52	28.2	22.3	33.5	

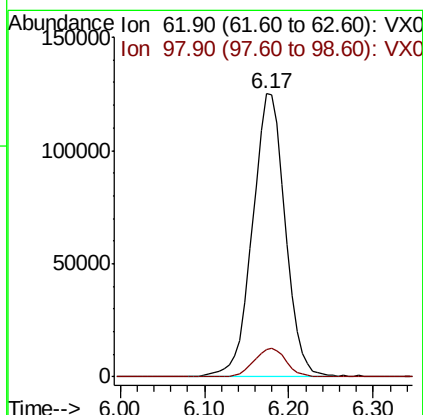
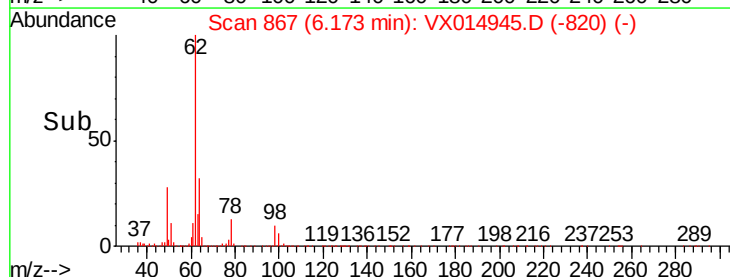
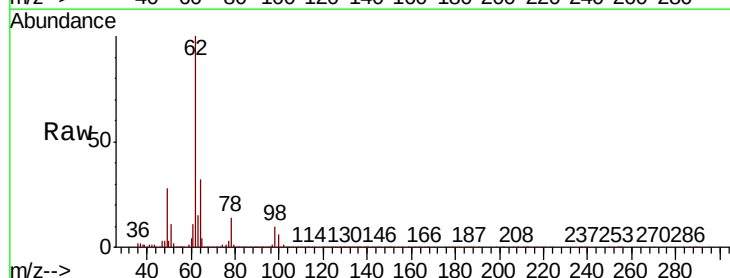
Manual Integrations
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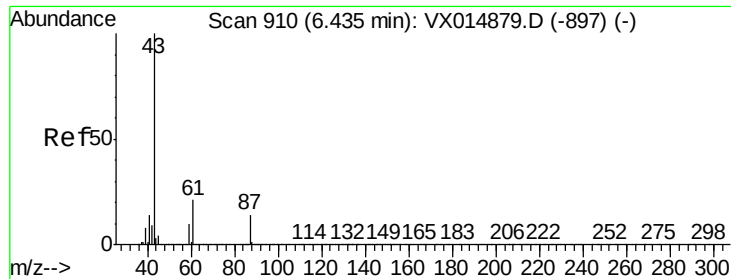
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#42
1,2-Dichloroethane
Concen: 57.042 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.2	





#43

Isopropyl Acetate

Concen: 58.097 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

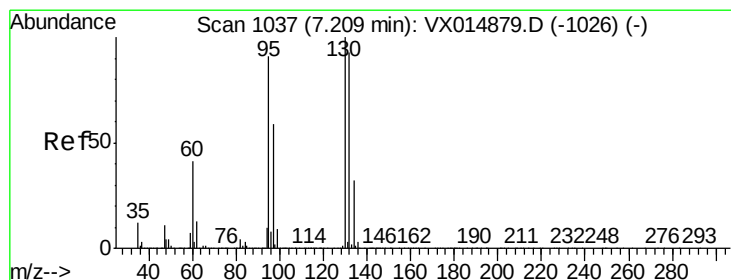
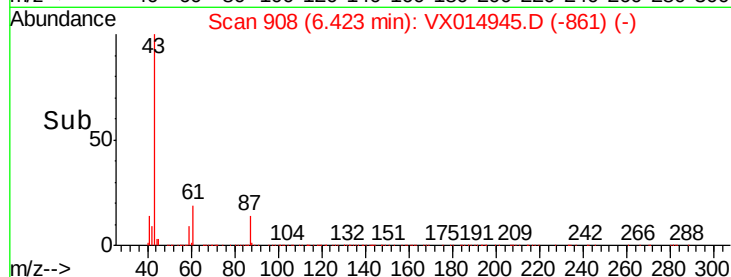
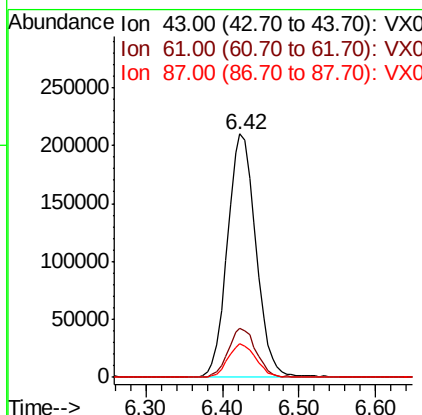
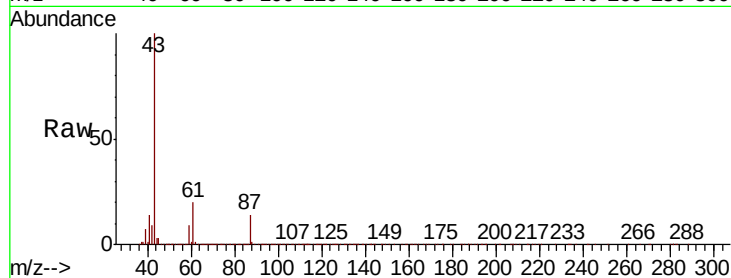
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	536792
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.2	24.4
87	13.4	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 53.335 ug/l

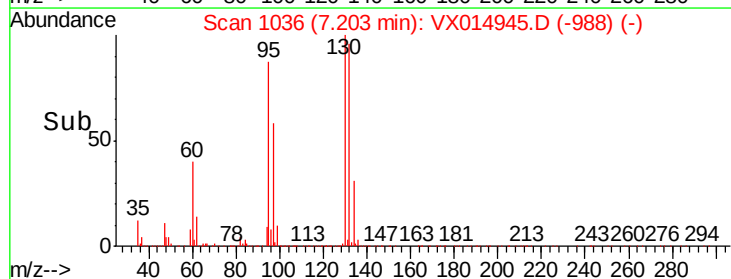
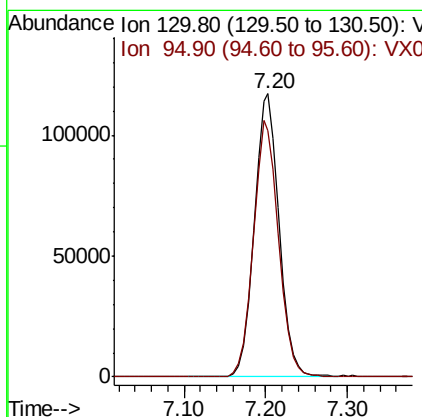
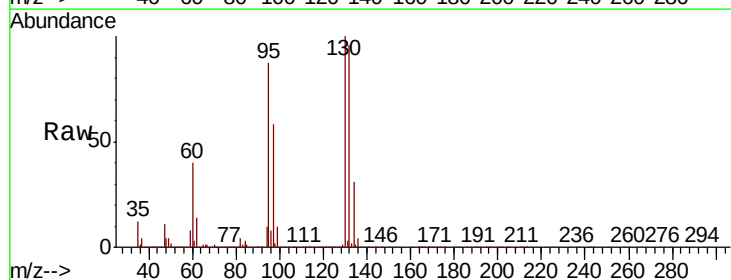
RT: 7.20 min Scan# 1036

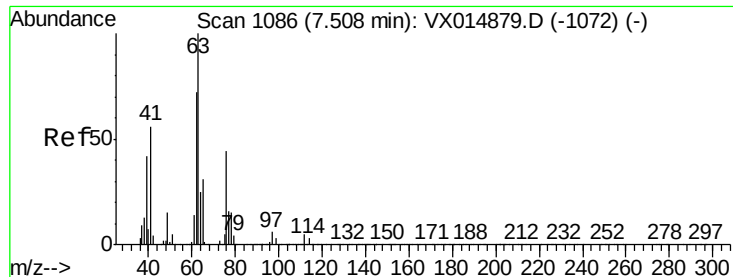
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	130	Resp:	248429
Ion Ratio	Lower	Upper	
130	100		
95	87.1	0.0	182.6





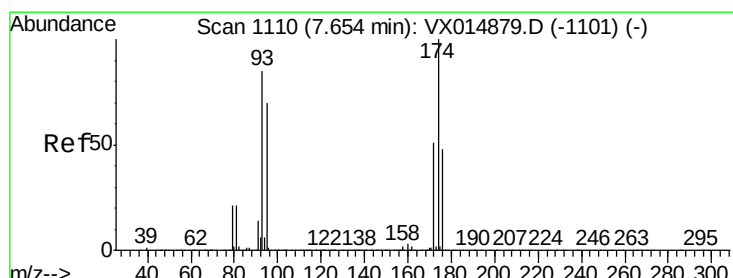
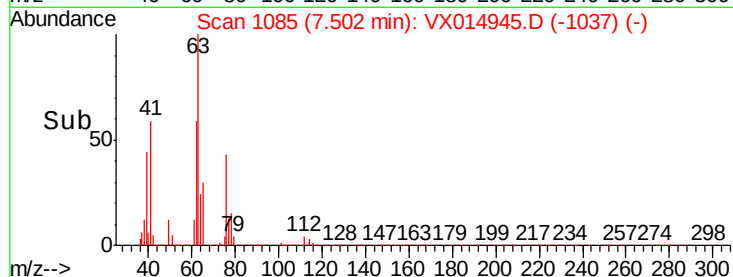
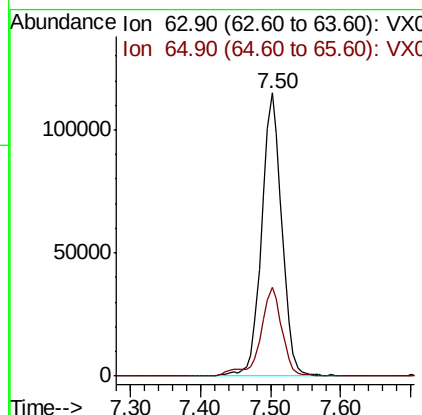
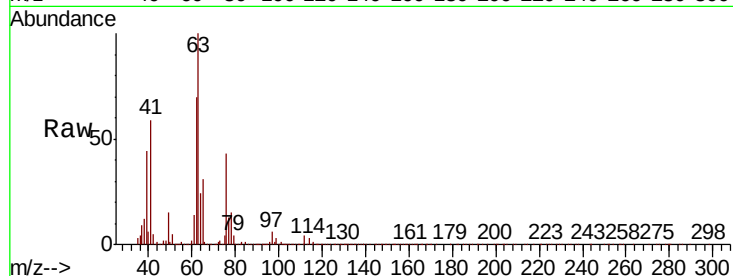
#45
 1,2-Dichloropropane
 Concen: 56.301 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

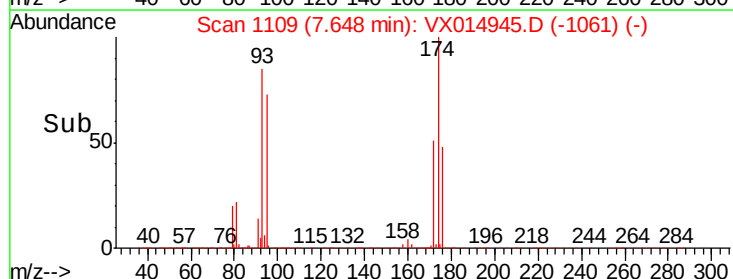
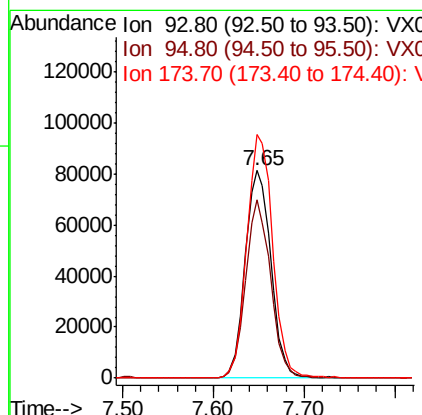
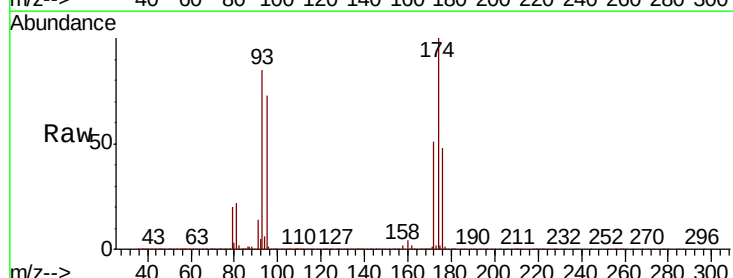
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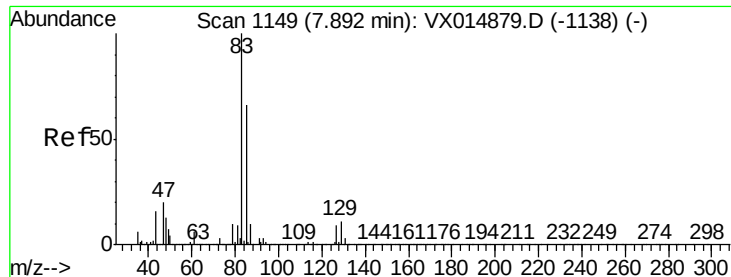
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#46
 Dibromomethane
 Concen: 56.957 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	119.2	95.4	143.2





#47

Bromodichloromethane

Concen: 58.140 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

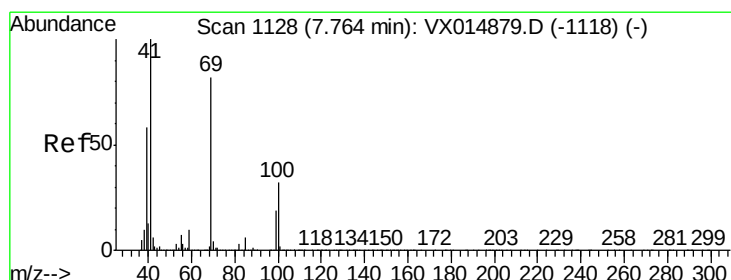
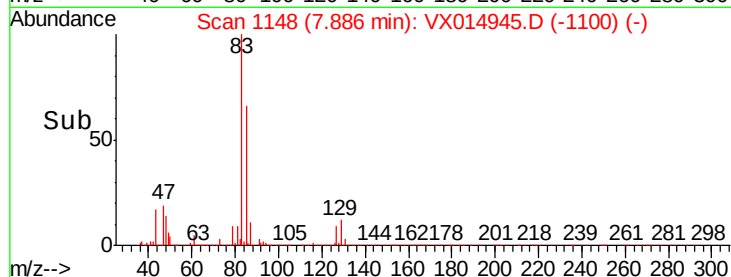
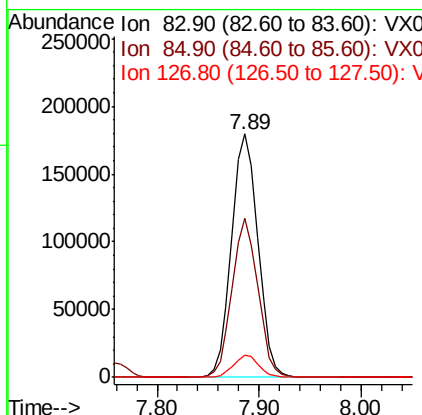
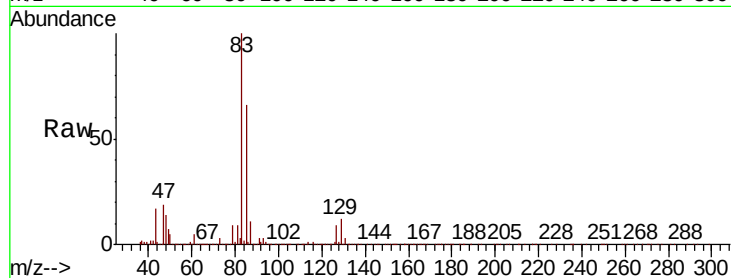
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	322446
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.5	78.7
127	8.9	7.4	11.0

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#48

Methyl methacrylate

Concen: 58.567 ug/l

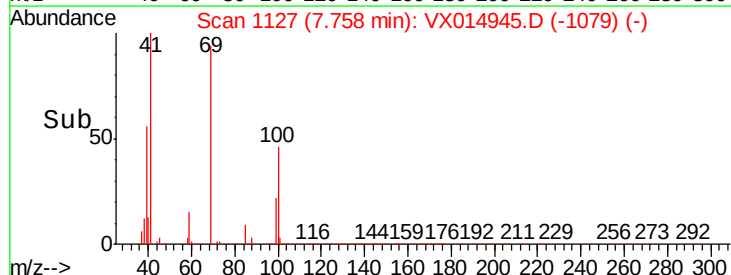
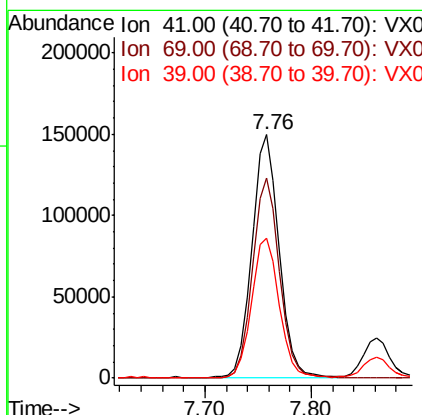
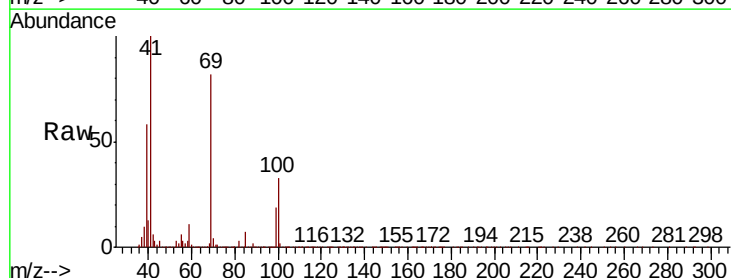
RT: 7.76 min Scan# 1127

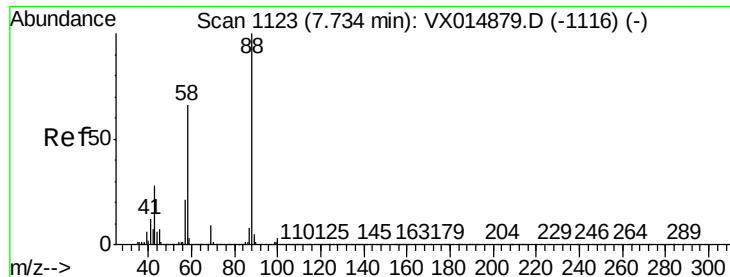
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	41	Resp:	266308
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.7	98.5
39	58.8	45.8	68.8





#49

1,4-Dioxane

Concen: 1193.447 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

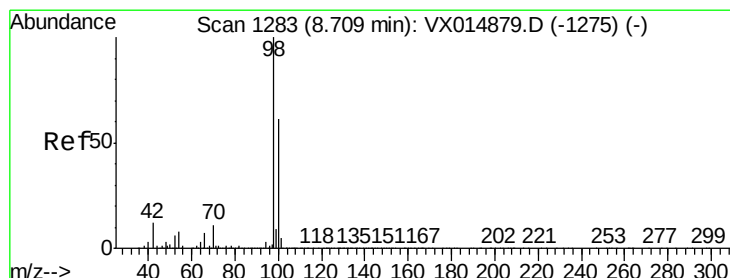
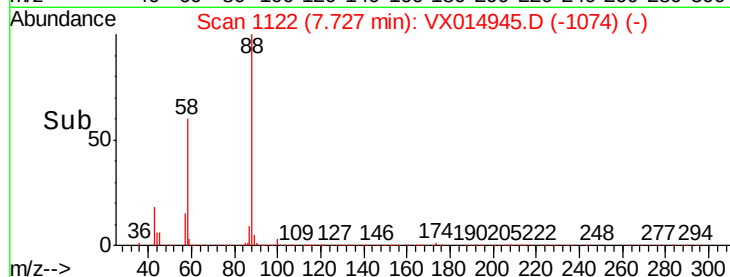
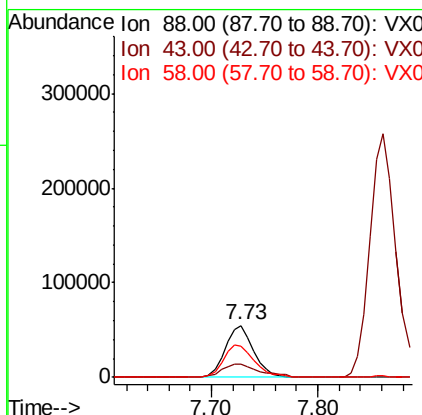
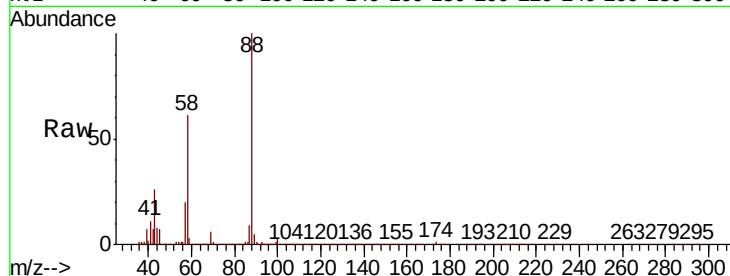
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	101463
Ion Ratio	Lower	Upper	
88	100		
43	33.4	27.0	40.4
58	68.4	53.2	79.8

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#50

Toluene-d8

Concen: 50.732 ug/l

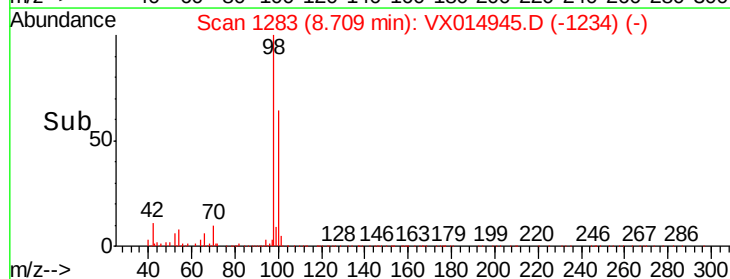
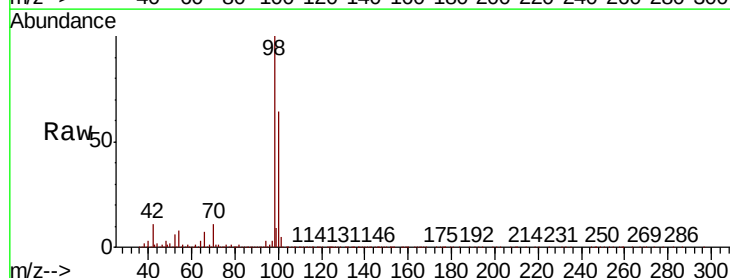
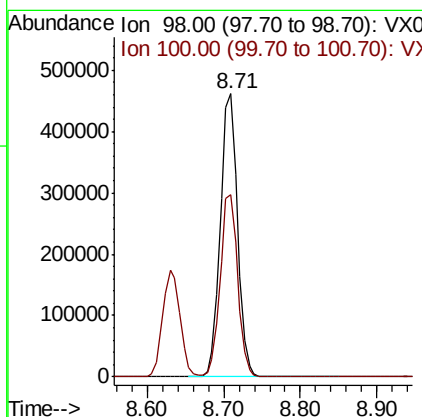
RT: 8.71 min Scan# 1283

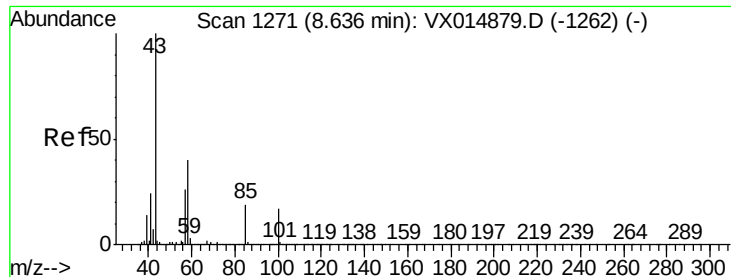
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	98	Resp:	714708
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 288.510 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1609621

Ion Ratio Lower Upper

43 100

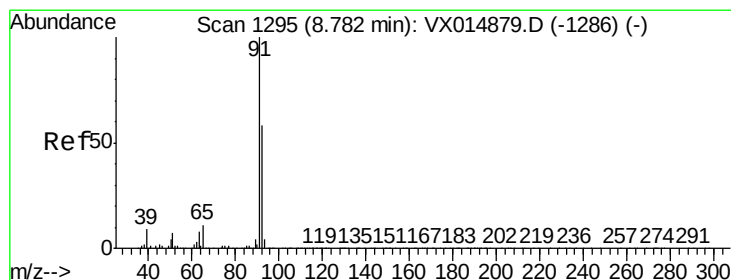
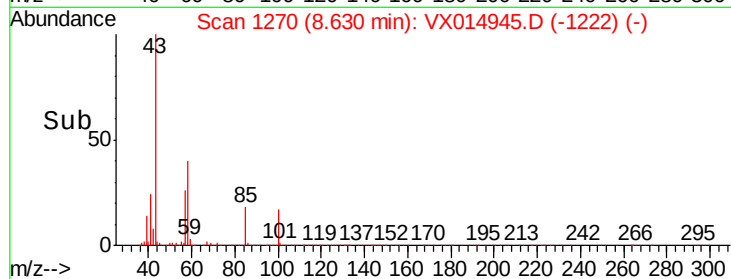
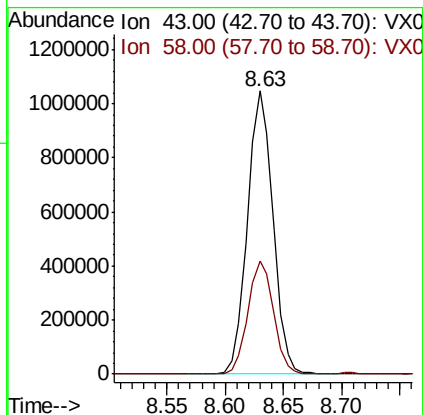
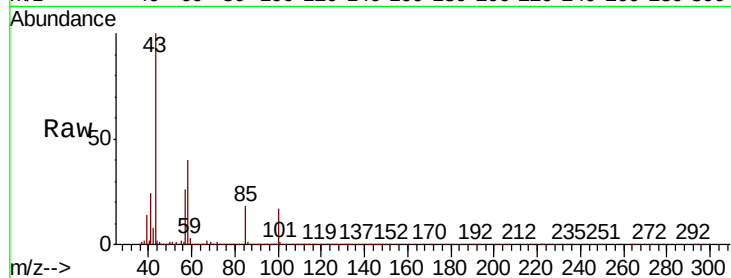
58 39.9 31.9 47.9

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#52

Toluene

Concen: 54.967 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014945.D

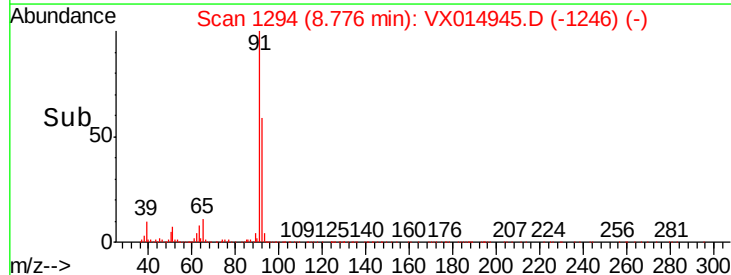
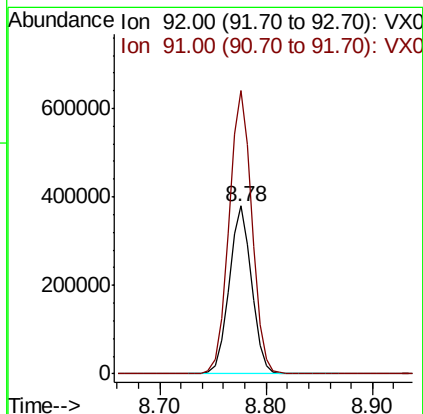
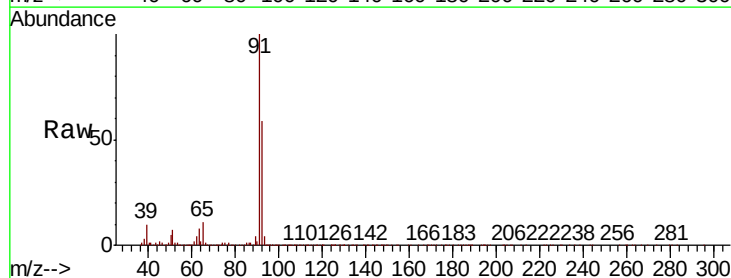
Acq: 14 Feb 2020 16:13

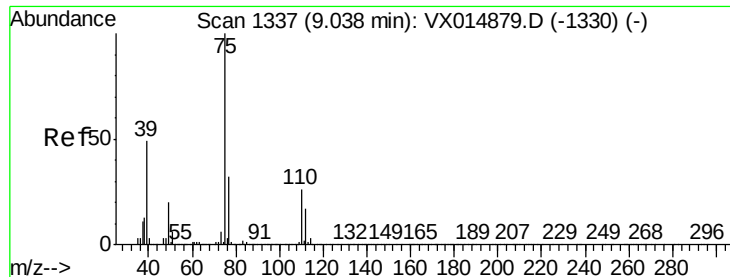
Tgt Ion: 92 Resp: 560165

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 58.709 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 356842

Ion Ratio Lower Upper

75 100

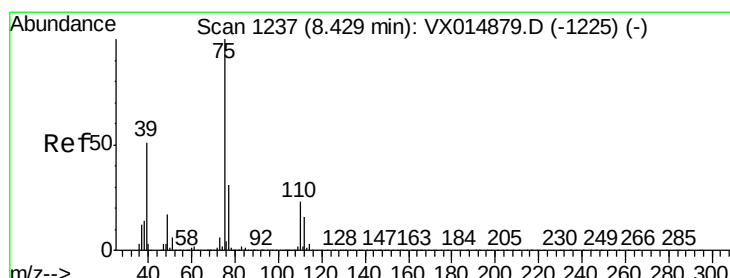
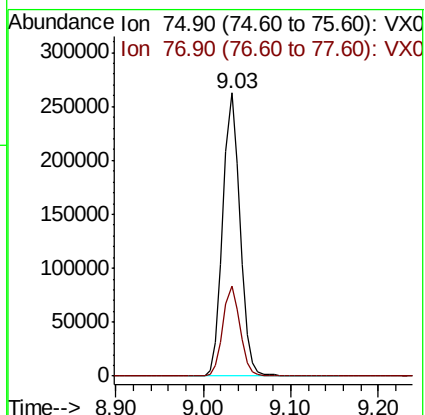
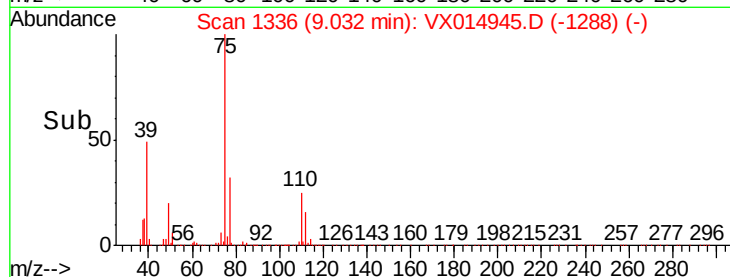
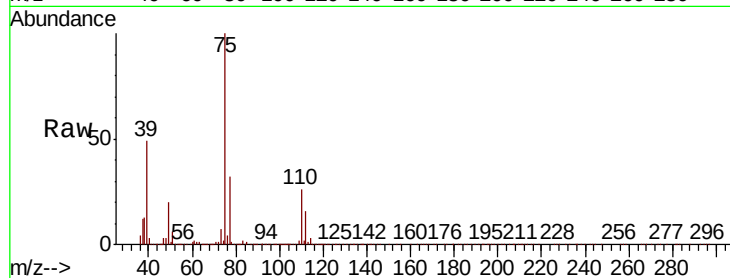
77 31.6 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 57.620 ug/l

RT: 8.42 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

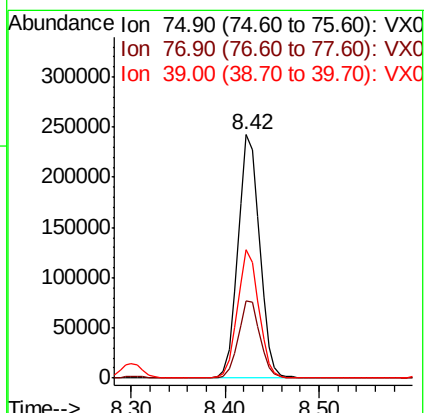
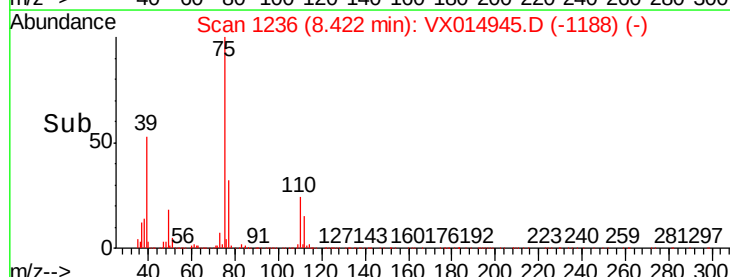
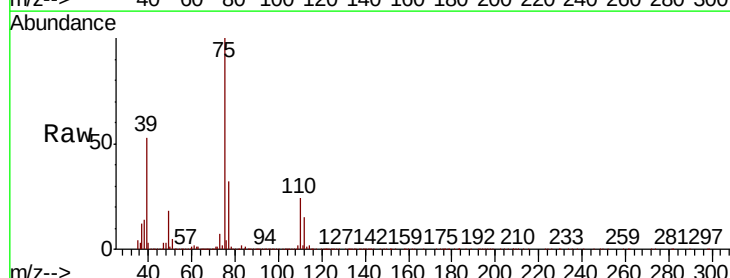
Tgt Ion: 75 Resp: 386893

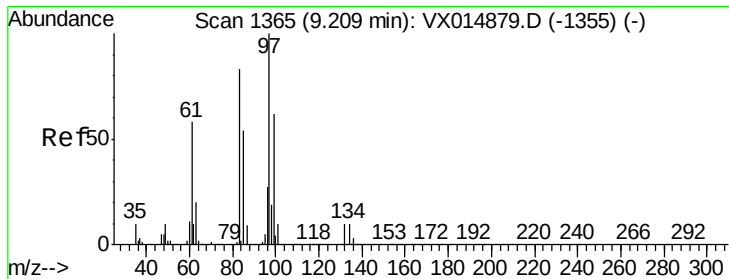
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 52.5 40.9 61.3





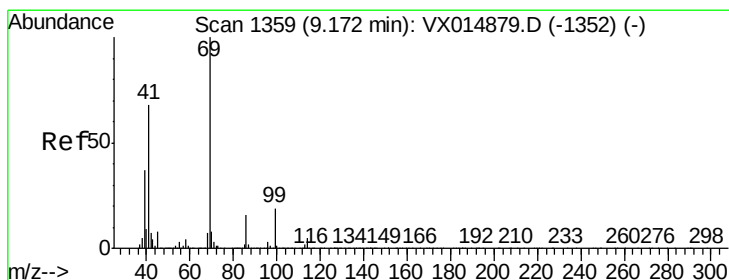
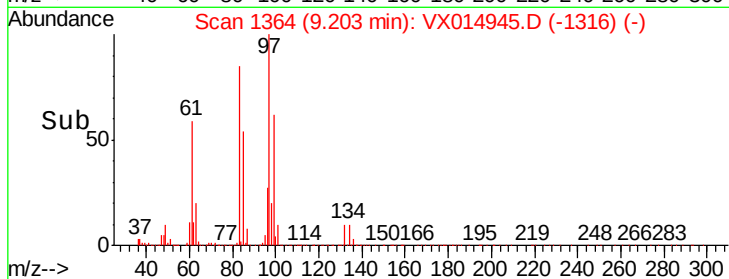
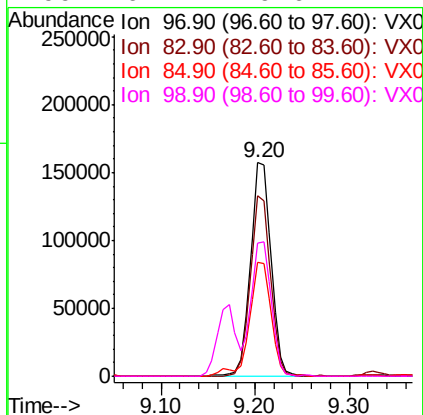
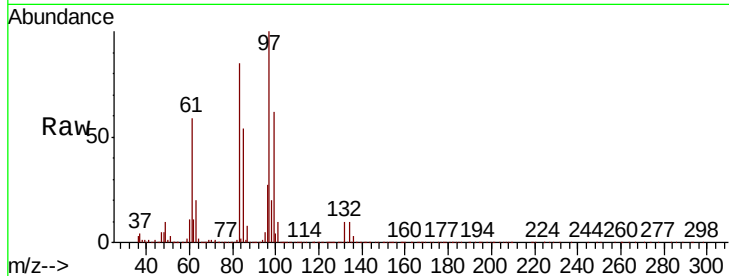
#55
 1,1,2-Trichloroethane
 Concen: 58.076 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	239453		
83	84.5	66.6	99.8	
85	53.4	43.5	65.3	
99	62.1	49.6	74.4	

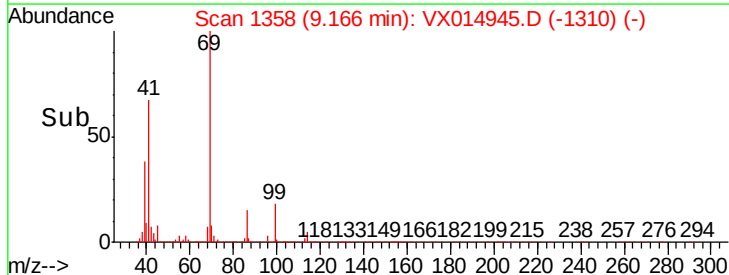
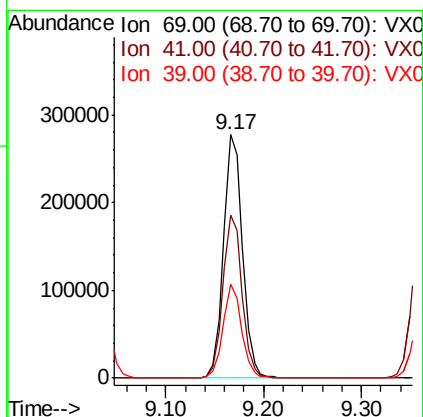
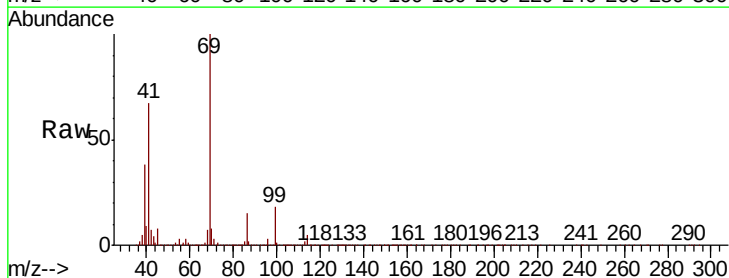
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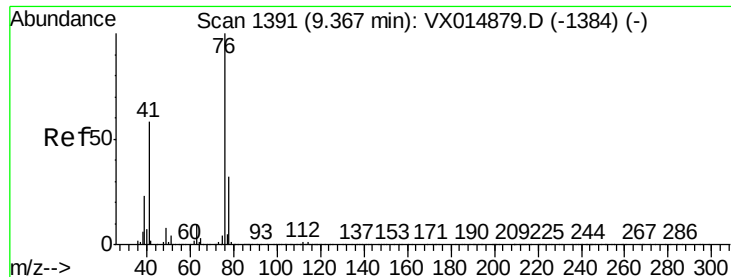
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#56
 Ethyl methacrylate
 Concen: 60.148 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	372753		
41	68.5	54.8	82.2	
39	37.8	29.9	44.9	





#57

1,3-Dichloropropane

Concen: 56.619 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 392961

Ion Ratio Lower Upper

76 100

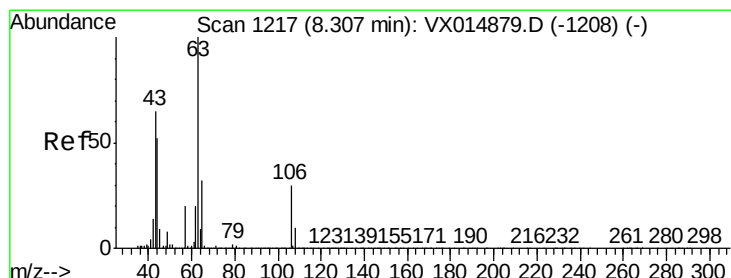
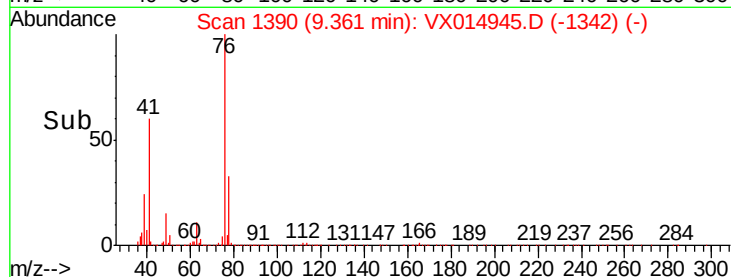
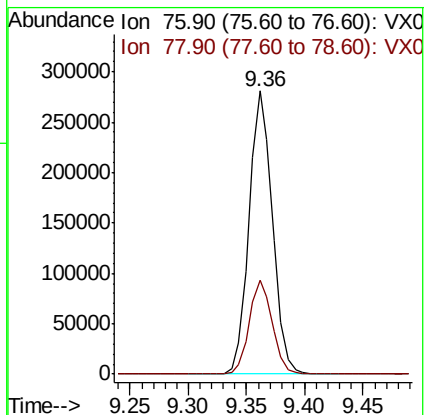
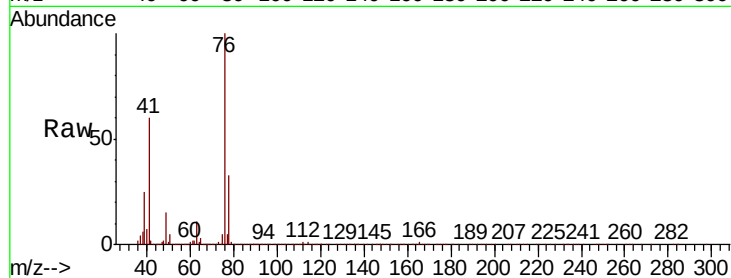
78 32.7 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 325.117 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014945.D

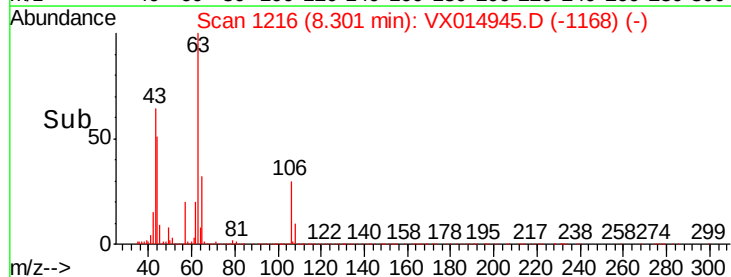
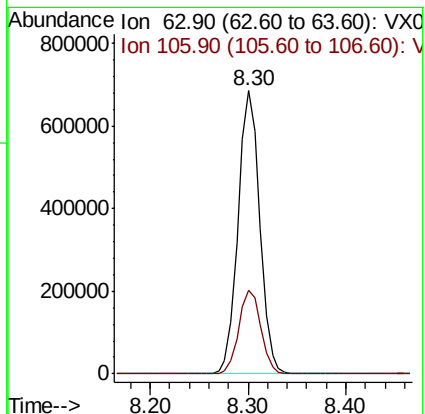
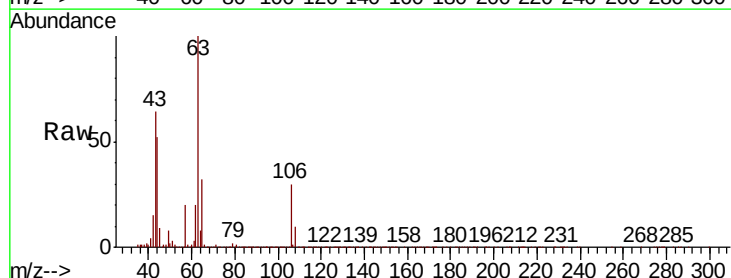
Acq: 14 Feb 2020 16:13

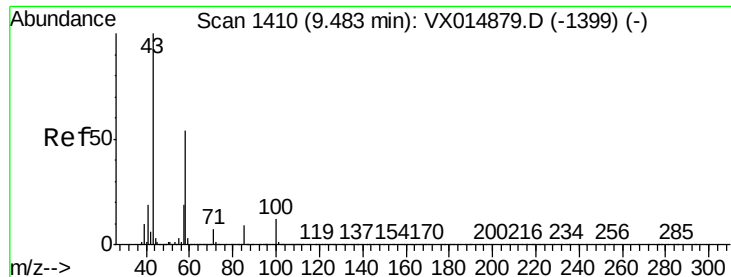
Tgt Ion: 63 Resp: 1053728

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8





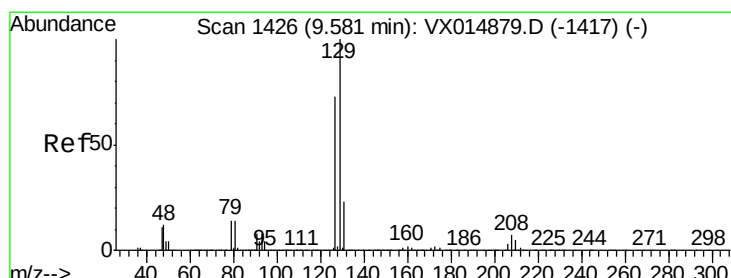
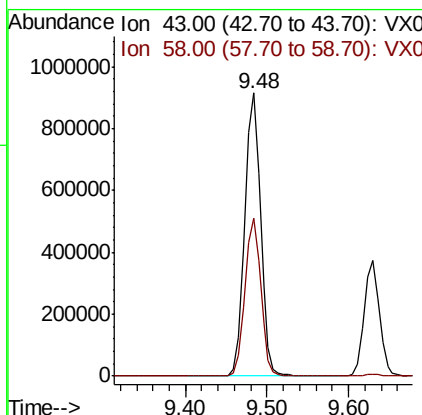
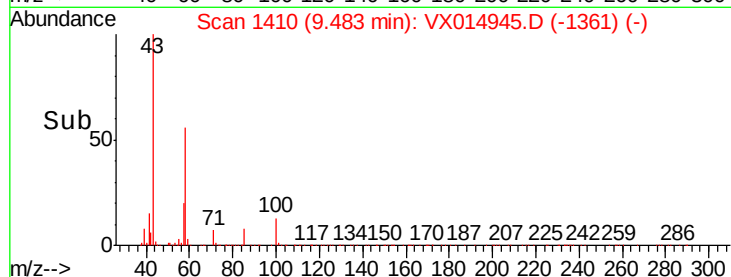
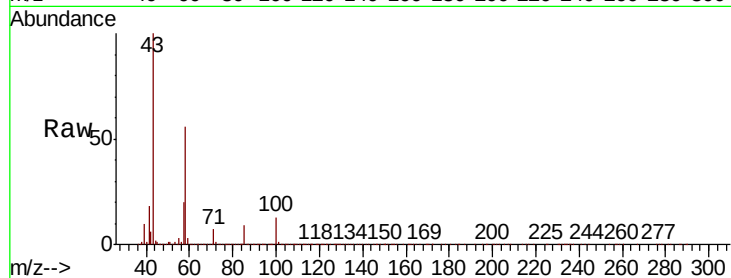
#59
2-Hexanone
Concen: 280.970 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1232115
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5

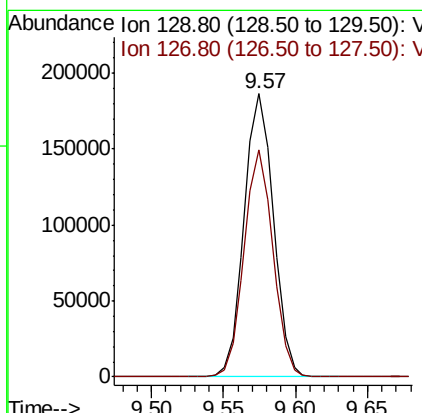
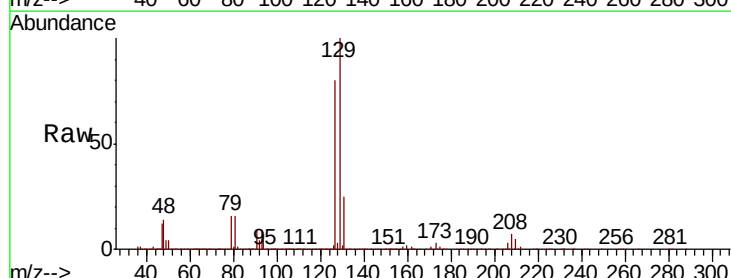
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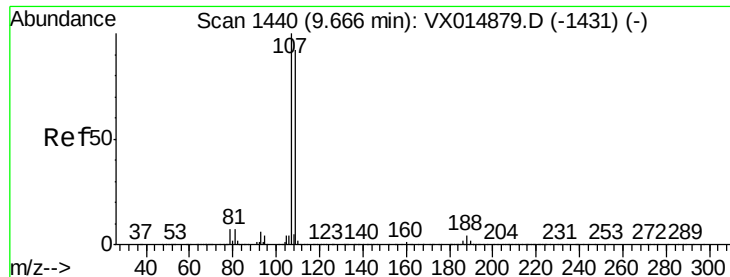
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#60
Dibromochloromethane
Concen: 59.456 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 129 Resp: 263809
Ion Ratio Lower Upper
129 100
127 78.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 56.880 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 253042

Ion Ratio Lower Upper

107 100

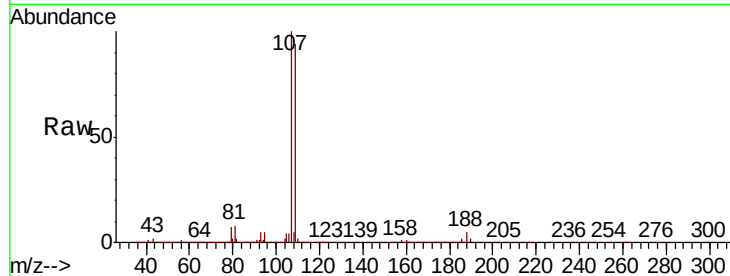
109 94.9 75.6 113.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

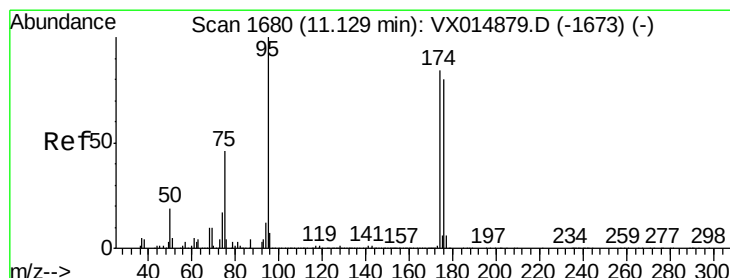
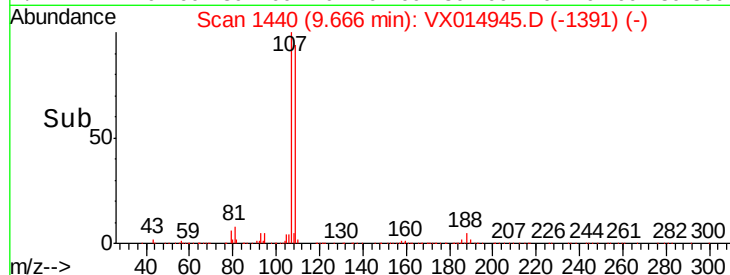
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.929 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

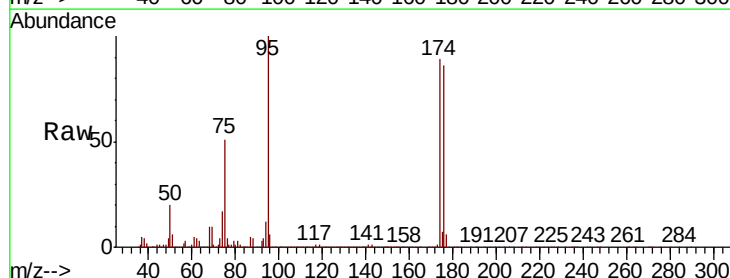
Tgt Ion: 95 Resp: 268606

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.0

176 90.7 0.0 178.0



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

300000

250000

200000

150000

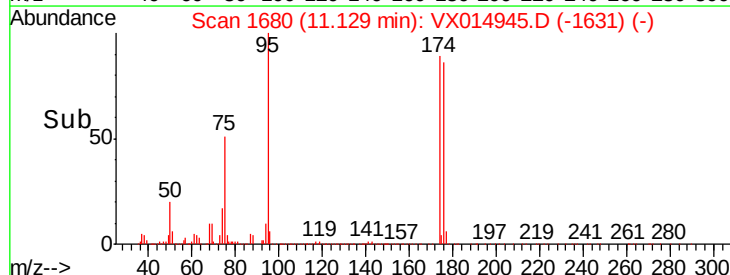
100000

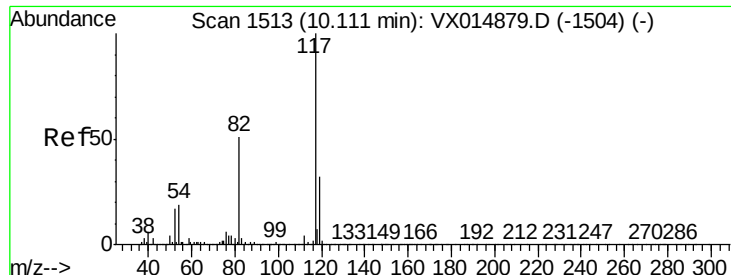
50000

0

11.10 11.20

Time-->





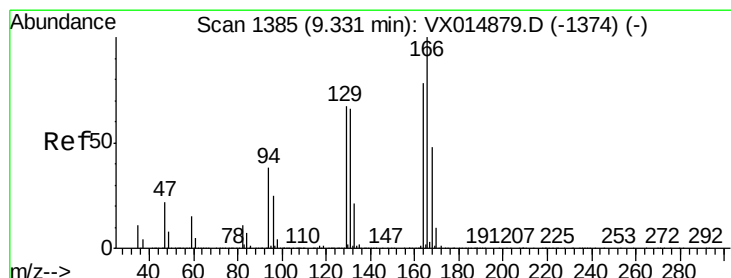
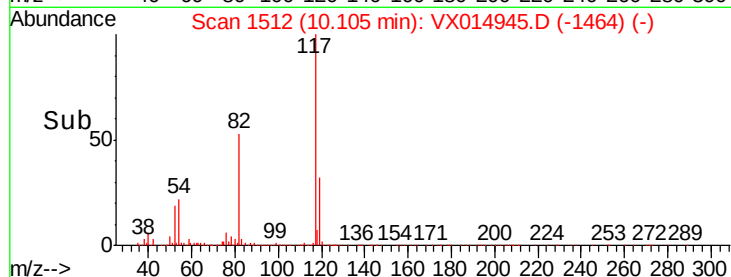
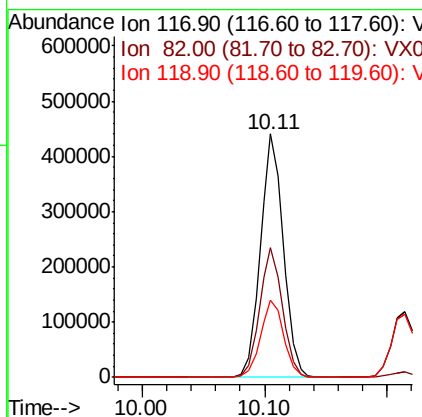
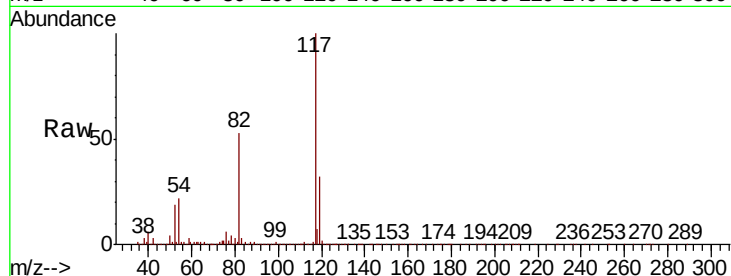
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.5	60.7
119	31.6	25.8	38.6

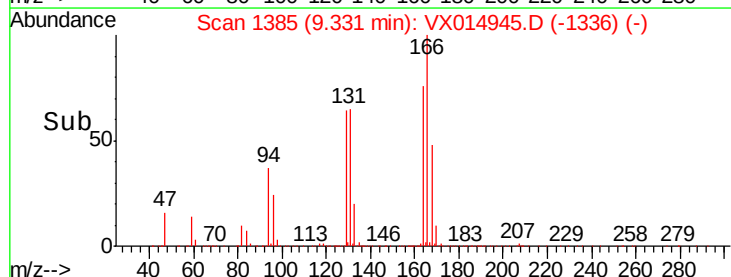
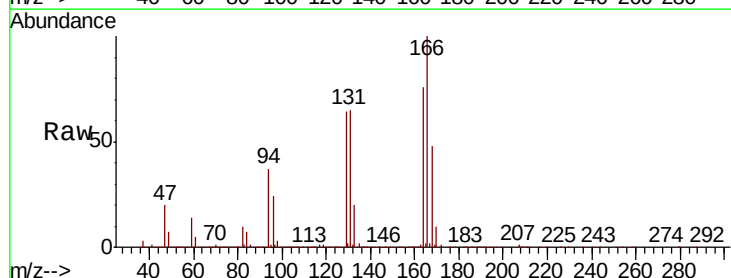
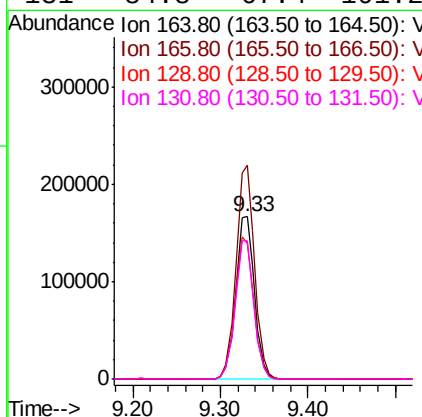
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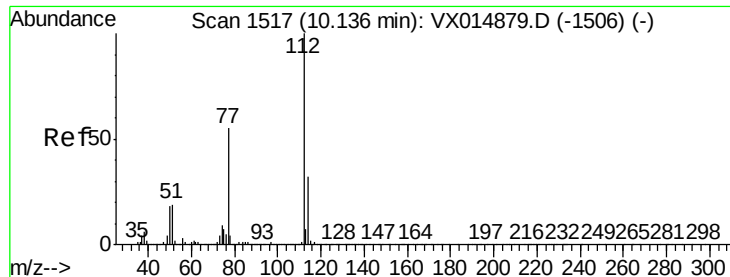
apatel
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#64
Tetrachloroethene
Concen: 46.843 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.6	153.8
129	83.7	68.3	102.5
131	84.8	67.4	101.2





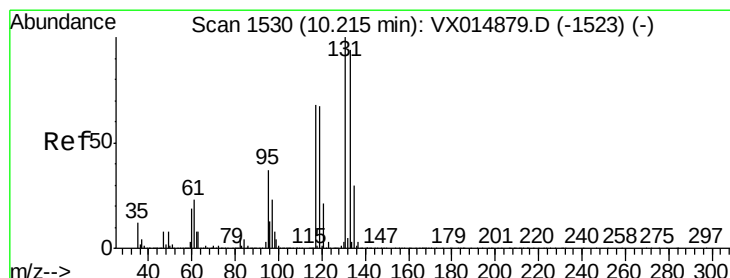
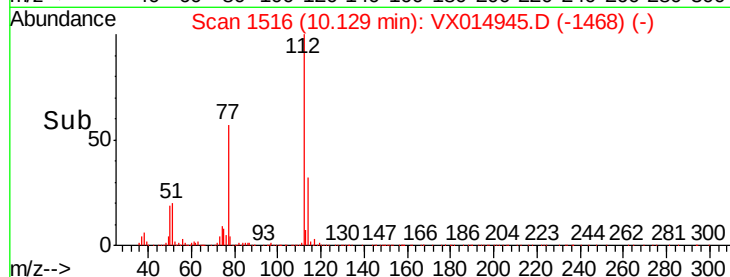
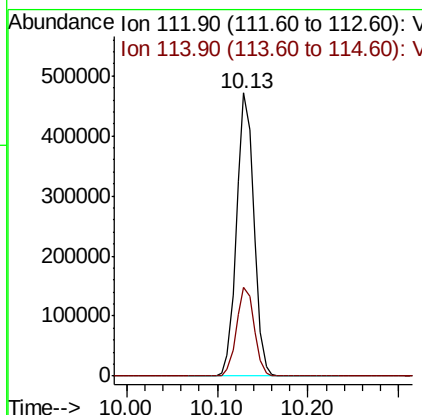
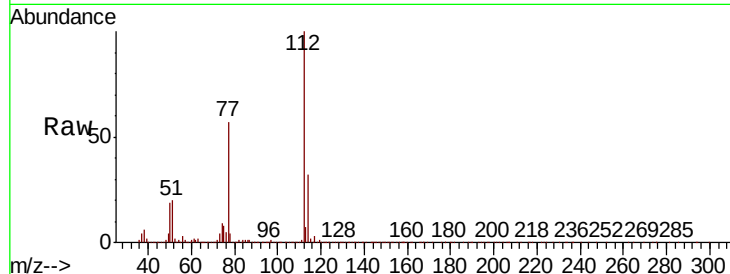
#65
Chlorobenzene
Concen: 53.636 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4

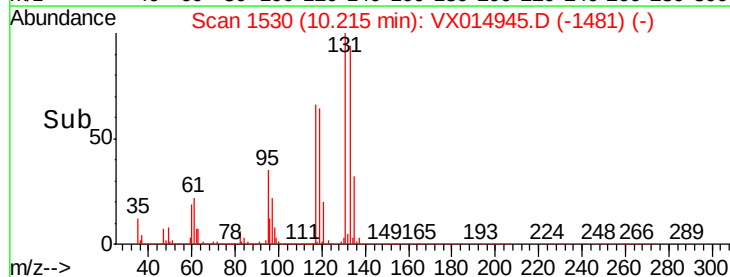
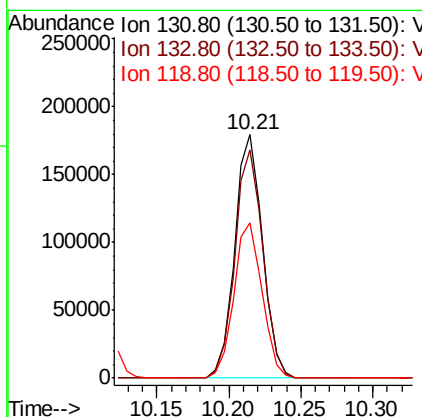
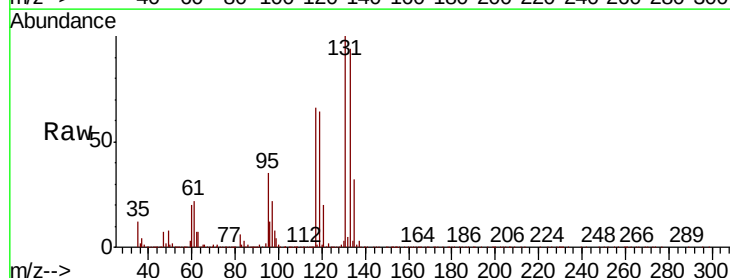
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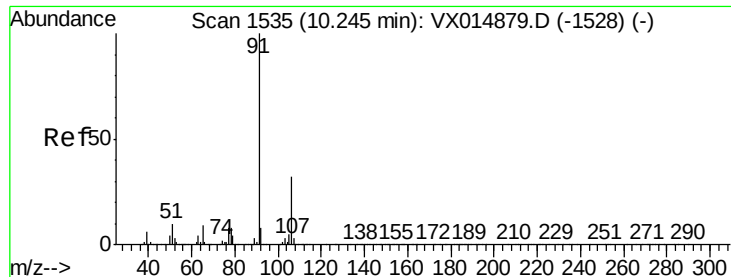
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.043 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.1	144.4
119	64.7	33.0	99.0





#67

Ethyl Benzene

Concen: 53.928 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1069788

Ion Ratio Lower Upper

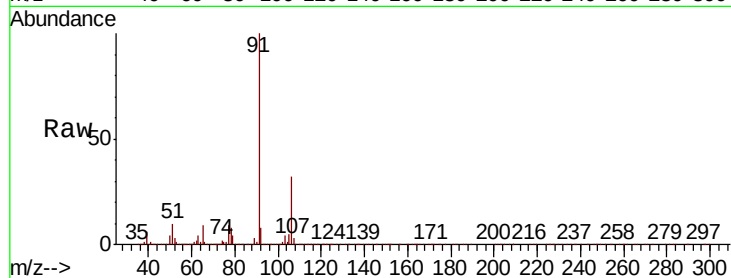
91 100

106 32.3 25.3 37.9

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Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1528) (-)

Ion 106.00 (105.70 to 106.70): VX014879.D (-1528) (-)

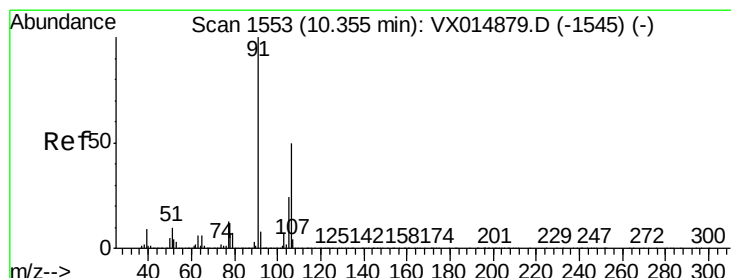
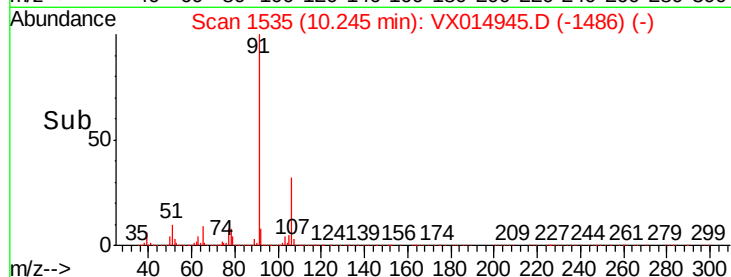
1000000

500000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 109.010 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014945.D

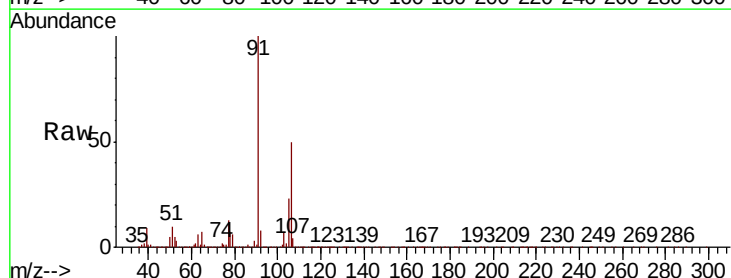
Acq: 14 Feb 2020 16:13

Tgt Ion: 106 Resp: 833057

Ion Ratio Lower Upper

106 100

91 196.8 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): VX014879.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX014879.D (-1545) (-)

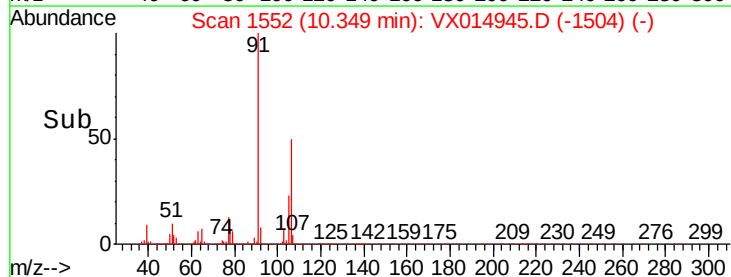
1000000

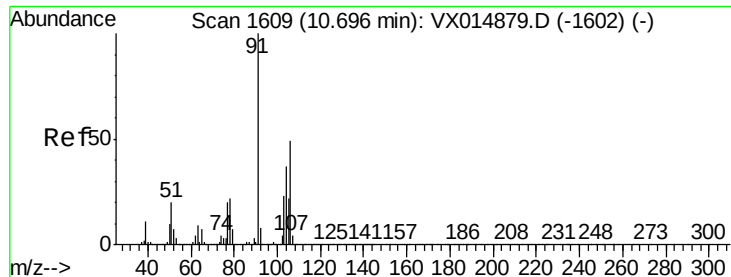
500000

0

10.30 10.35 10.40

Time-->





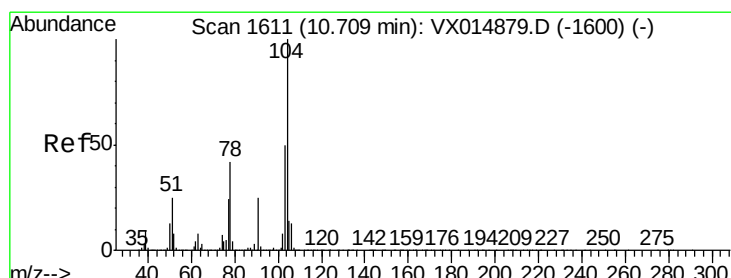
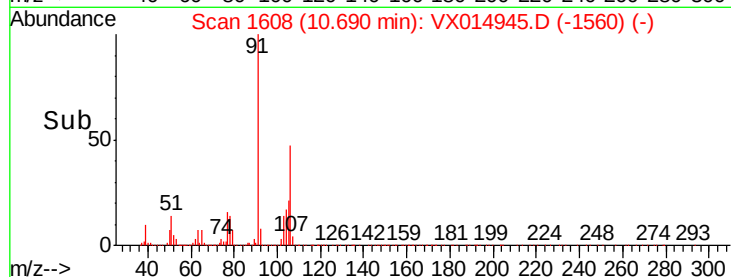
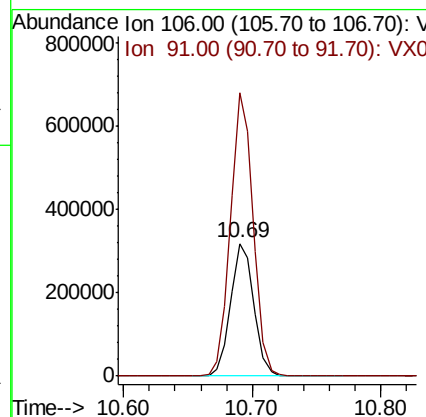
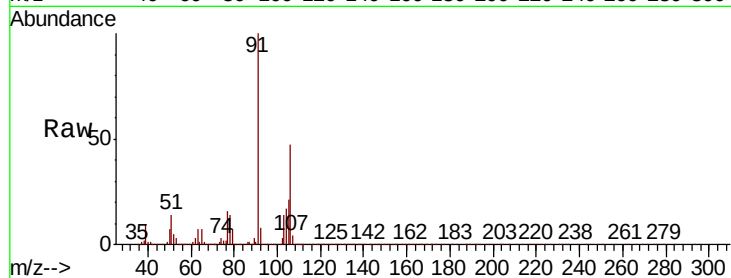
#69
o-Xylene
Concen: 55.012 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	209.4	105.1	315.3	

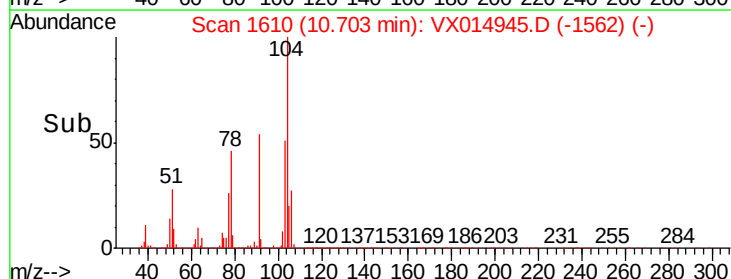
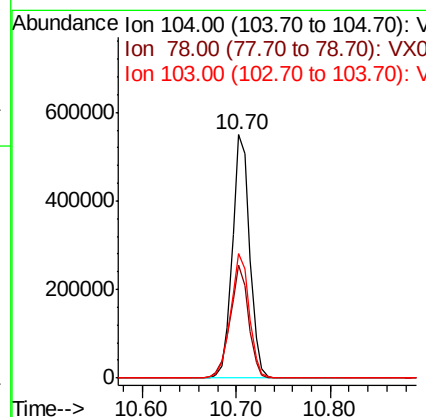
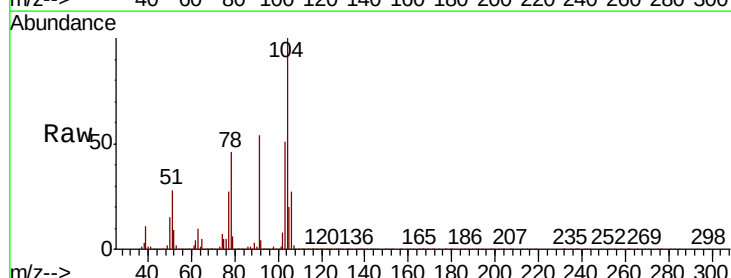
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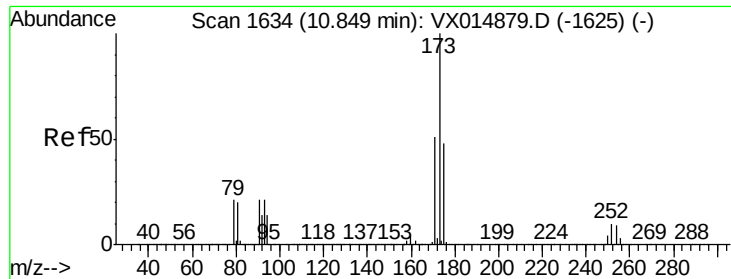
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#70
Styrene
Concen: 56.572 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	49.0	39.0	58.4	
103	54.8	43.4	65.0	





#71

Bromoform

Concen: 58.974 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

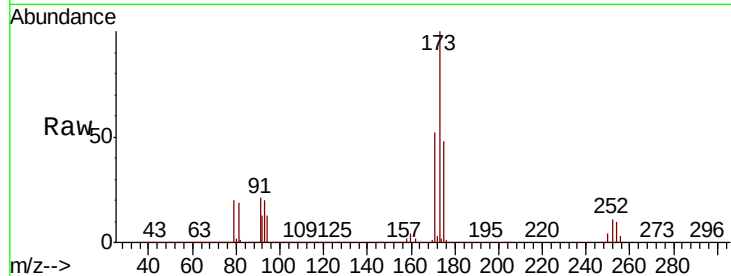
ClientSampleId :

VSTDCCC050EC

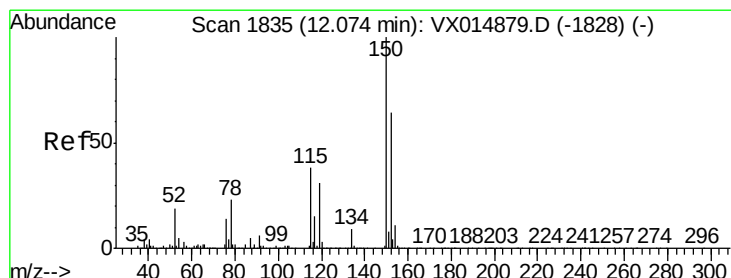
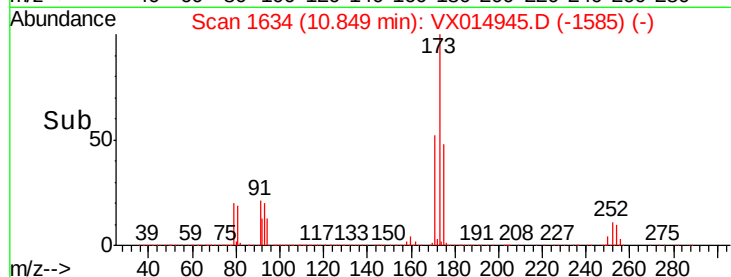
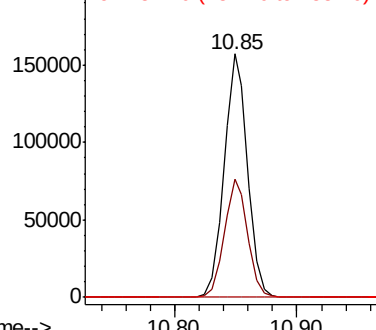
Tot Ion:	173	Resp:	208454
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.2	72.6
254	0.2	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

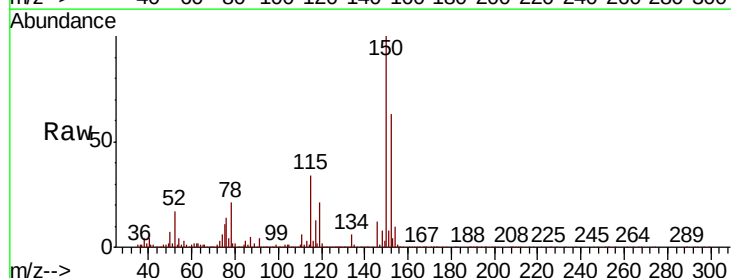
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

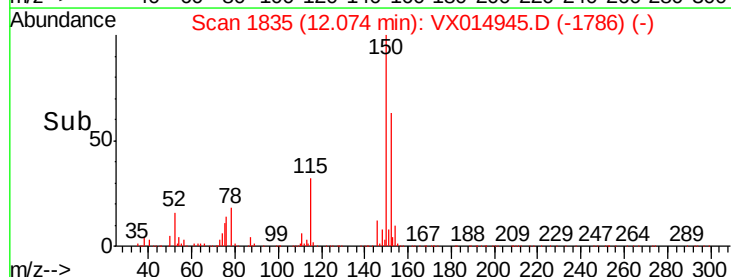
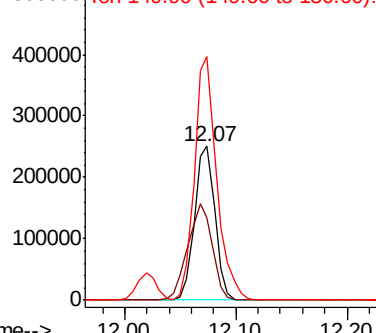
Lab File: VX014945.D

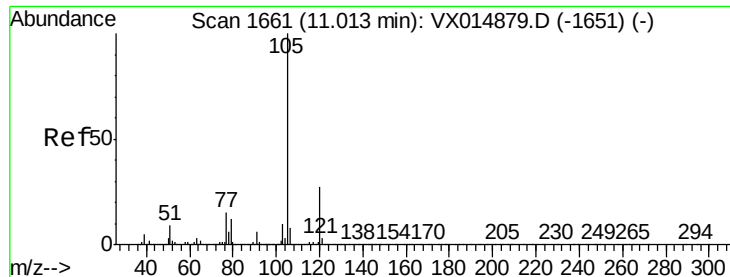
Acq: 14 Feb 2020 16:13

Tgt Ion:	152	Resp:	314429
Ion Ratio	Lower	Upper	
152	100		
115	75.5	38.6	116.0
150	173.2	0.0	349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.119 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1047402

Ion Ratio Lower Upper

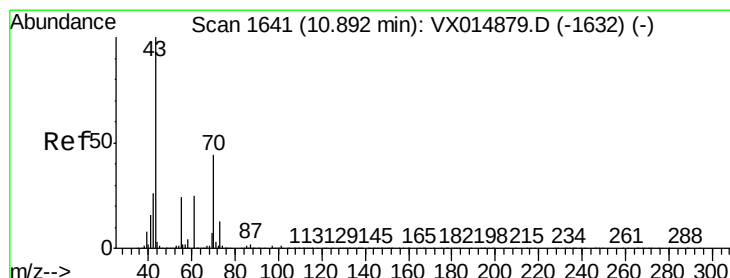
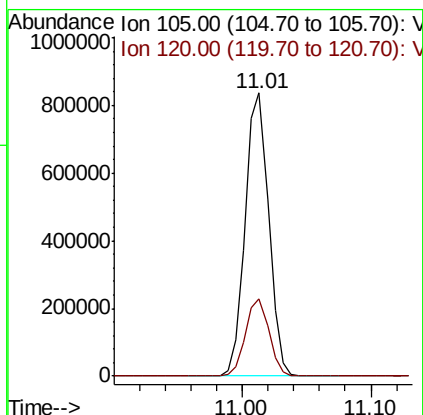
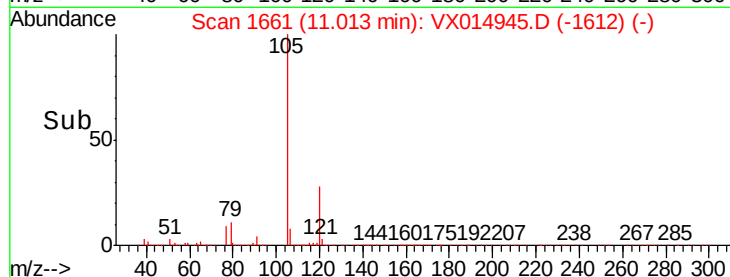
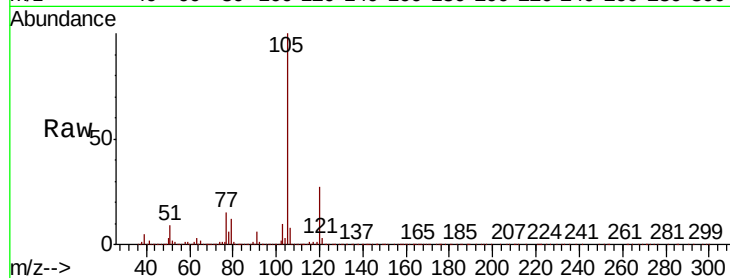
105 100

120 27.4 13.6 40.8

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#74

N-ethyl acetate

Concen: 58.154 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion: 43 Resp: 476459

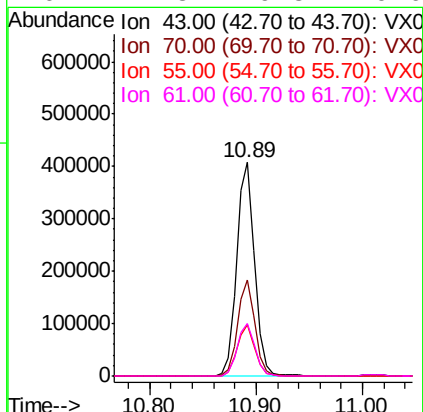
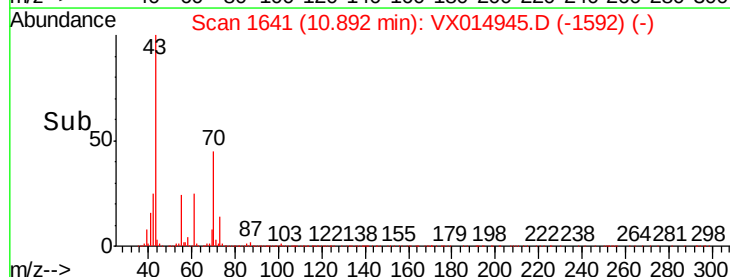
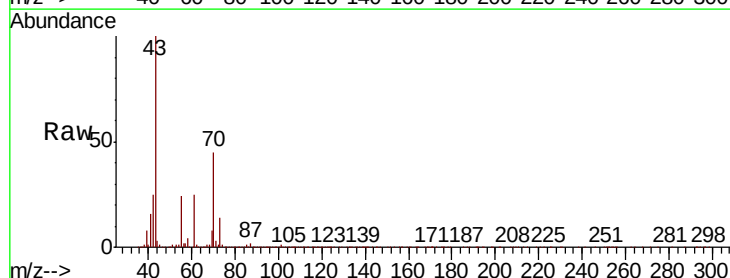
Ion Ratio Lower Upper

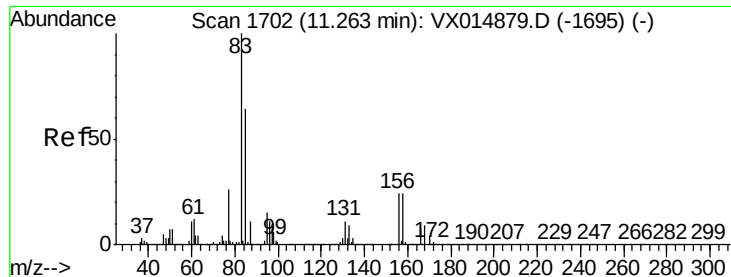
43 100

70 43.7 35.0 52.4

55 23.8 19.4 29.2

61 24.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.016 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

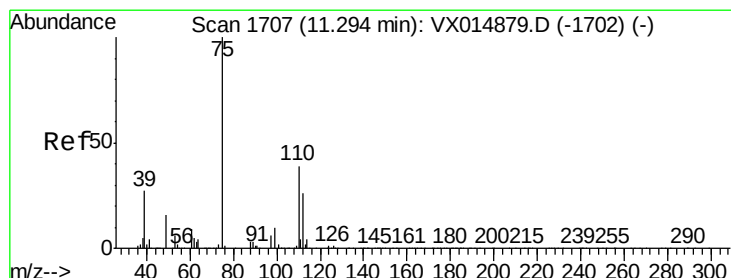
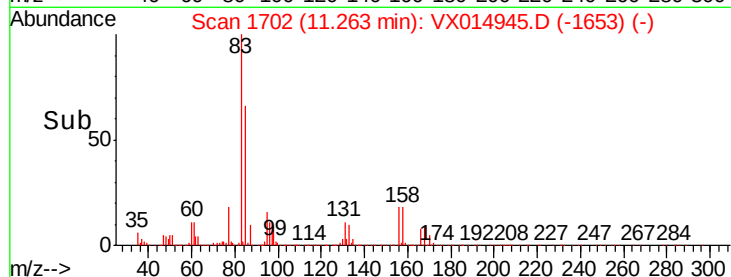
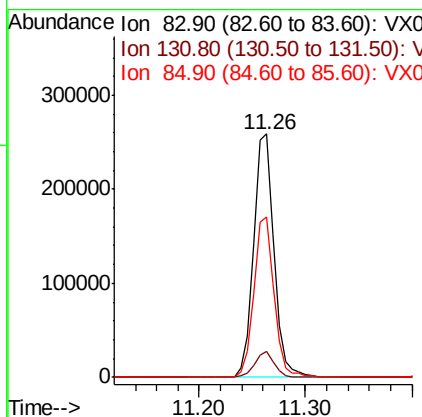
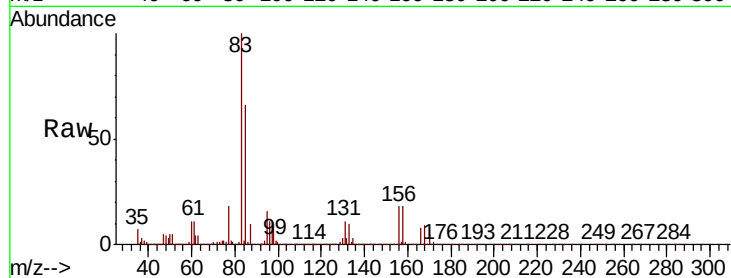
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	348170
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	64.9	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 53.836 ug/l m

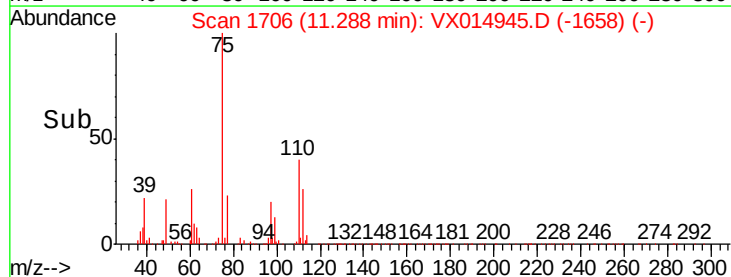
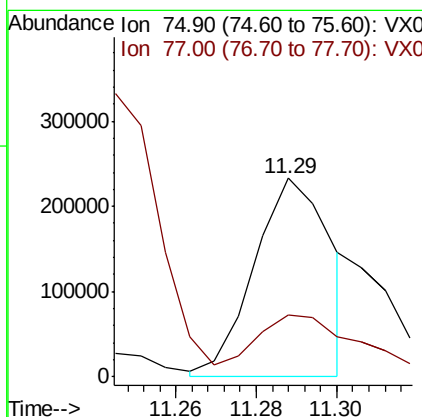
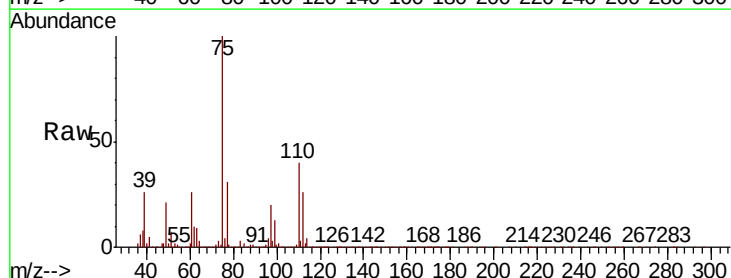
RT: 11.29 min Scan# 1706

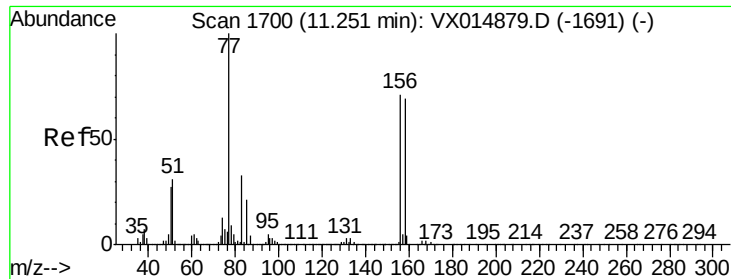
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	75	Resp:	306106
Ion Ratio	Lower	Upper	
75	100		
77	42.9	18.4	55.0





#77

Bromobenzene

Concen: 53.780 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

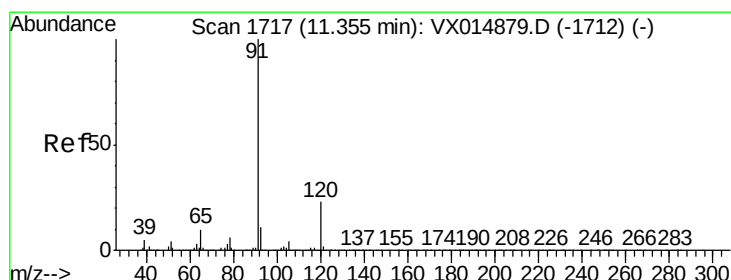
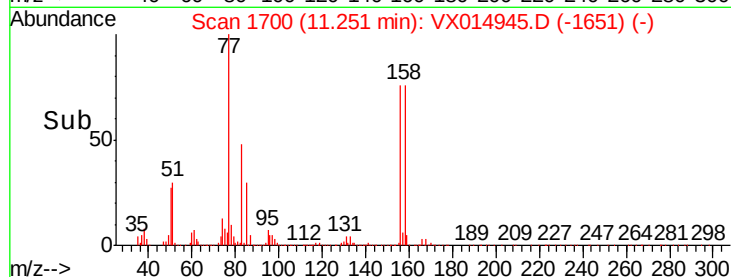
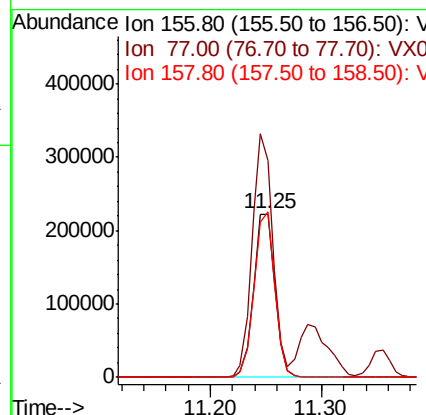
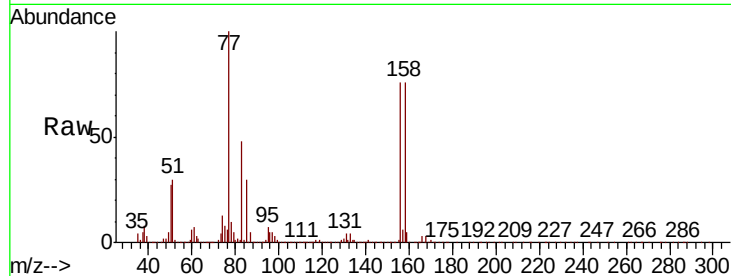
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	295981
Ion Ratio	Lower	Upper	
156	100		
77	143.4	74.0	222.0
158	98.1	48.9	146.6

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#78

n-propylbenzene

Concen: 52.278 ug/l

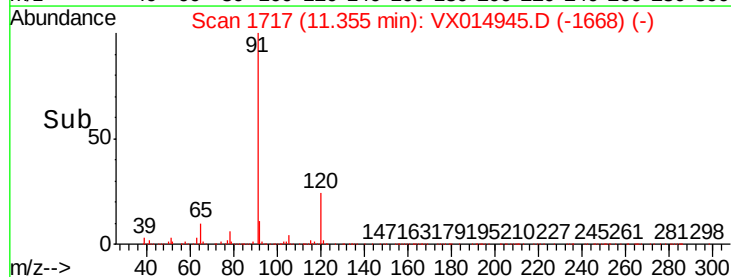
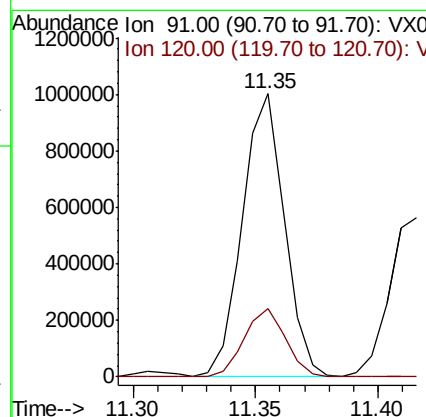
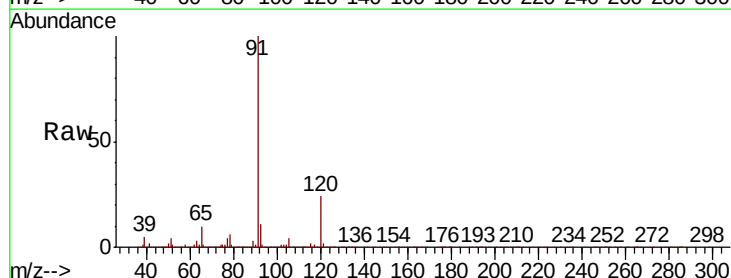
RT: 11.35 min Scan# 1717

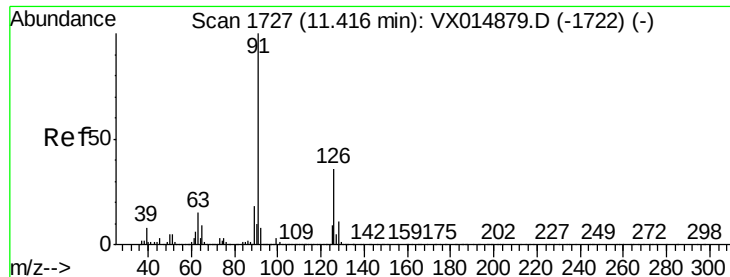
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	91	Resp:	1192250
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





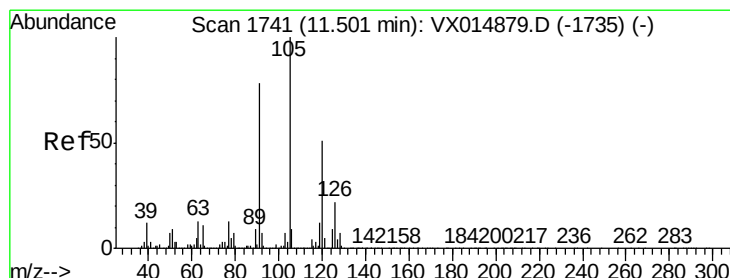
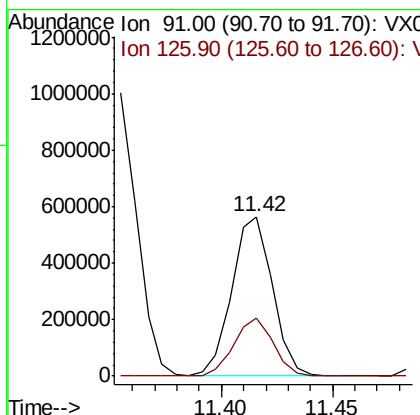
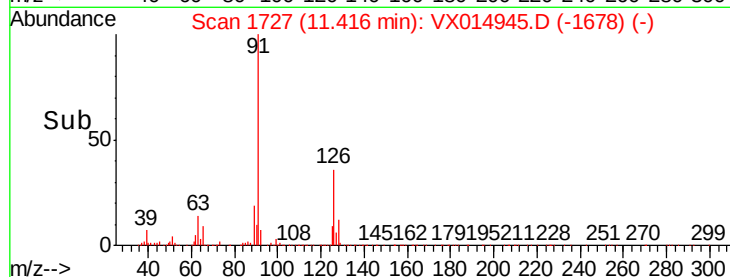
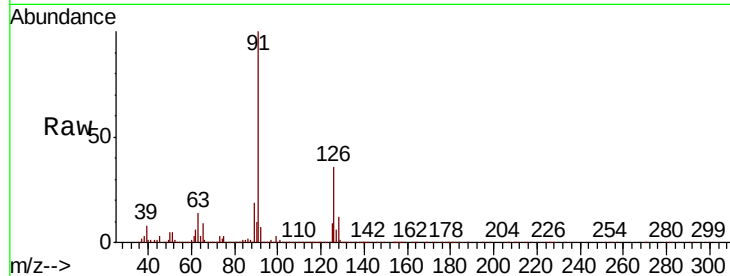
#79
2-Chlorotoluene
Concen: 53.407 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 716055
Ion Ratio Lower Upper
91 100
126 35.4 18.0 54.0

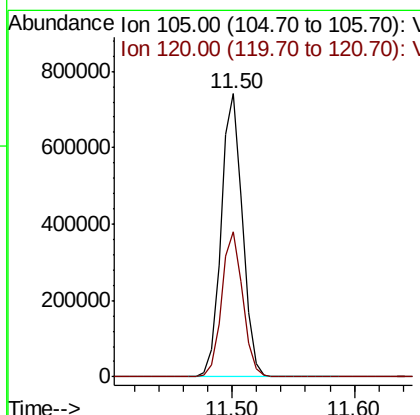
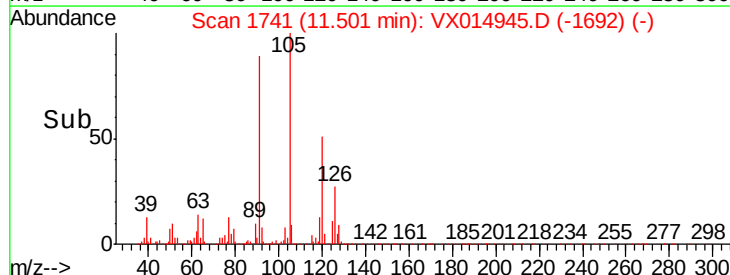
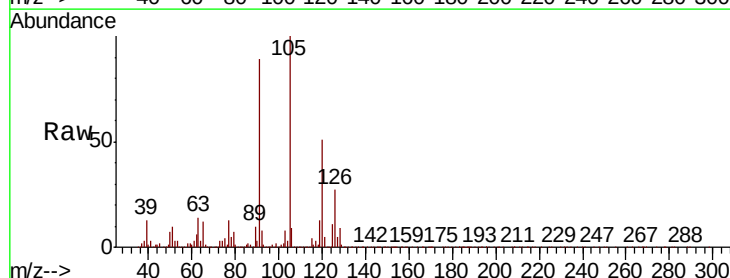
Manual Integrations
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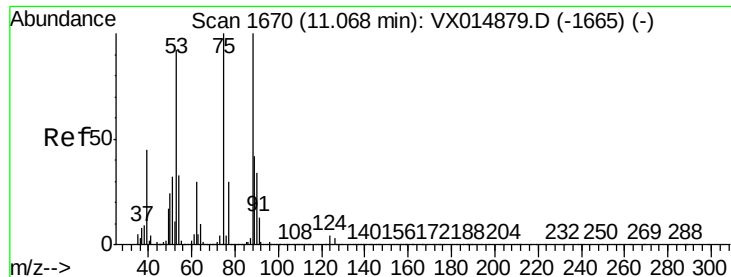
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 54.272 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 105 Resp: 894164
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.6





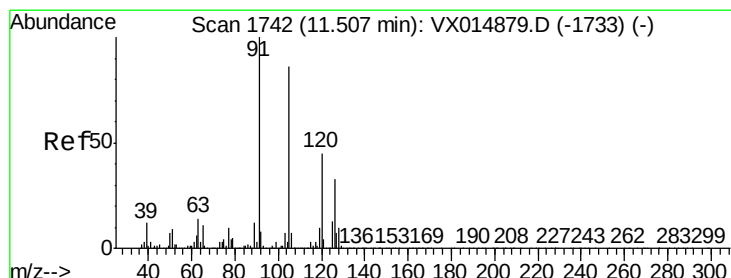
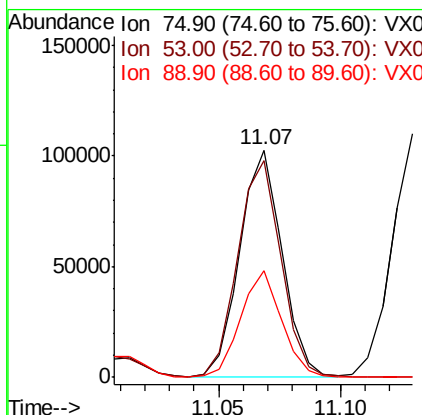
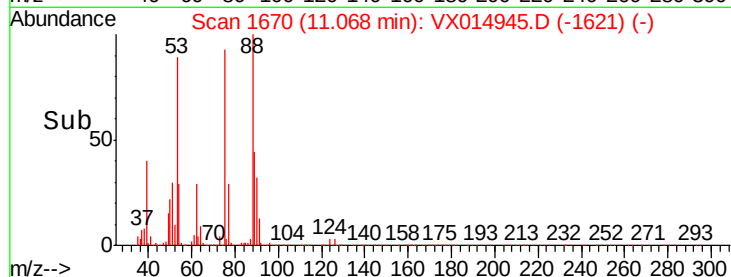
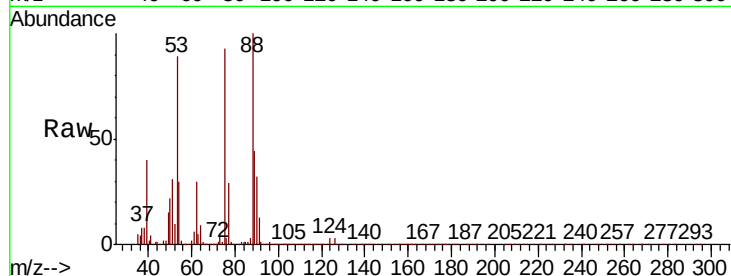
#81
trans-1,4-Dichloro-2-butene
Concen: 55.042 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	76.2	114.2
89	46.1	35.8	53.6

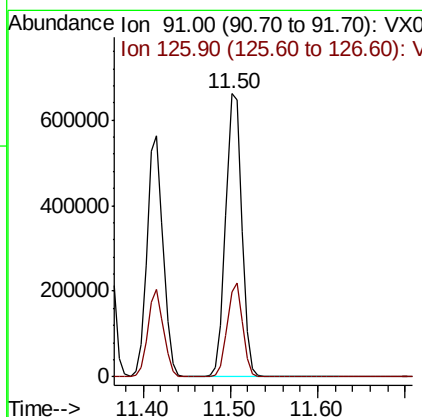
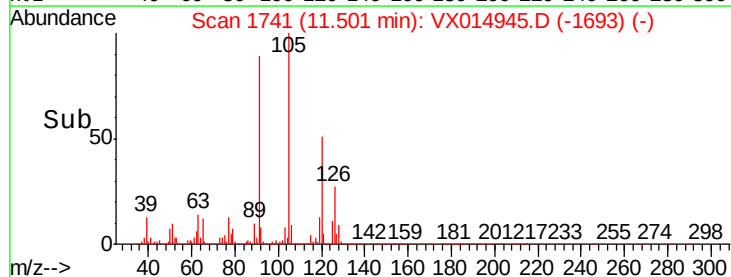
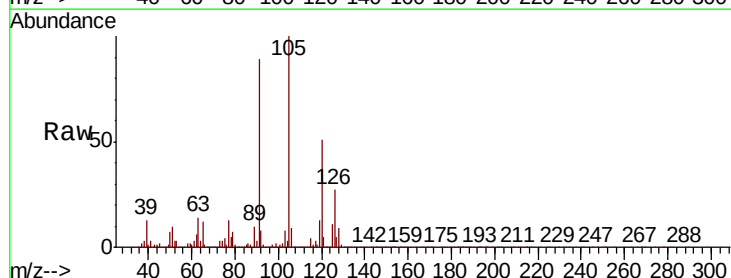
Manual Integrations
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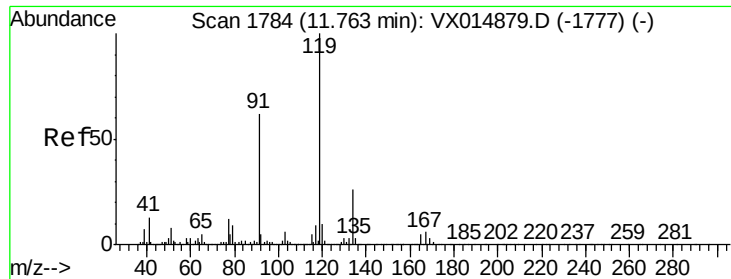
apatel
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#82
4-Chlorotoluene
Concen: 53.239 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.7	47.0





#83

tert-Butylbenzene

Concen: 54.363 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

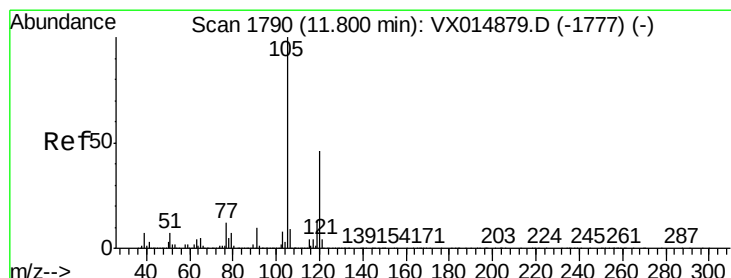
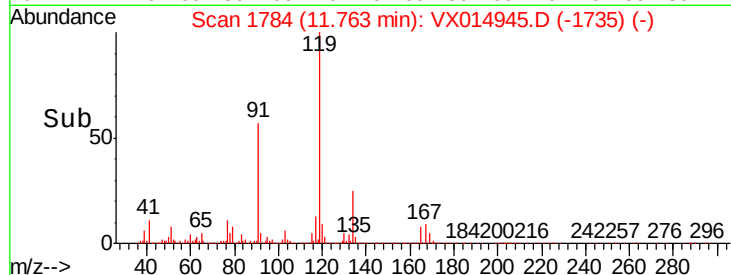
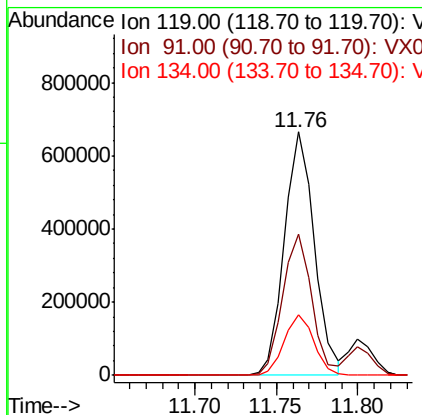
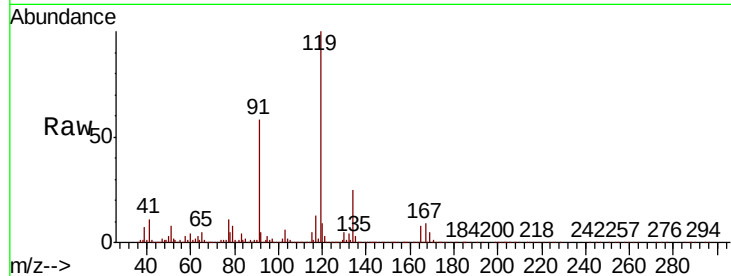
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	848159
Ion Ratio	Lower	Upper	
119	100		
91	56.5	29.5	88.6
134	24.7	12.6	37.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.002 ug/l

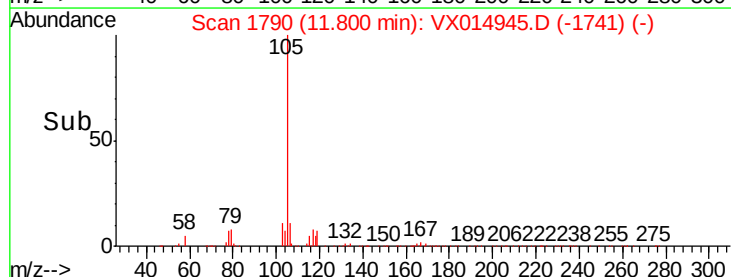
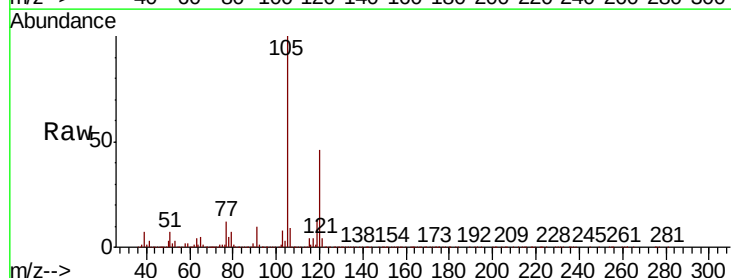
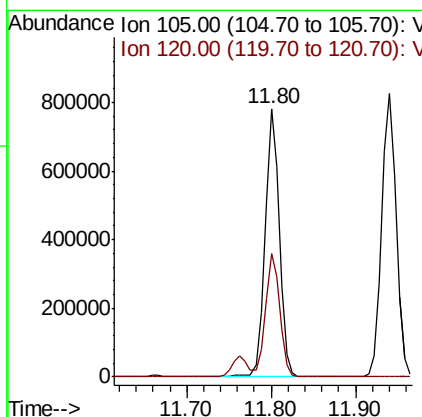
RT: 11.80 min Scan# 1790

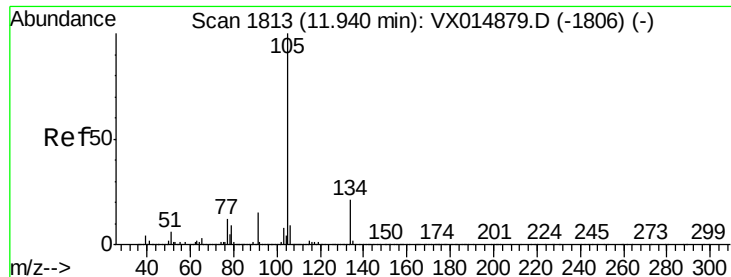
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion:	105	Resp:	913235
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 51.277 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 993841

Ion Ratio Lower Upper

105 100

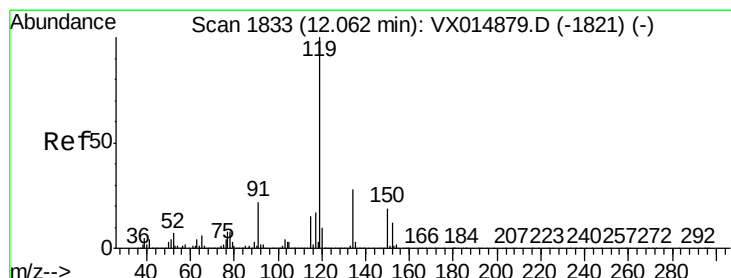
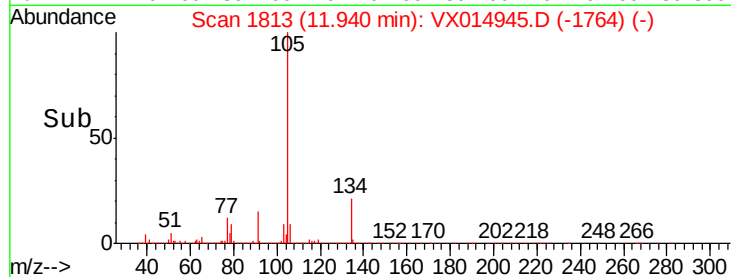
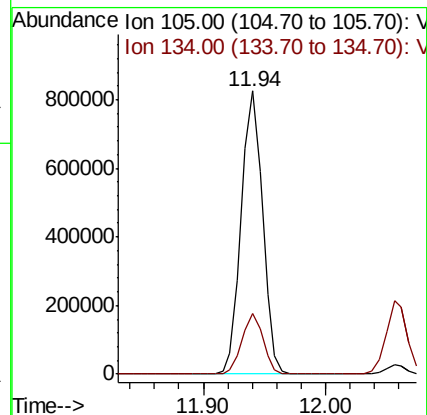
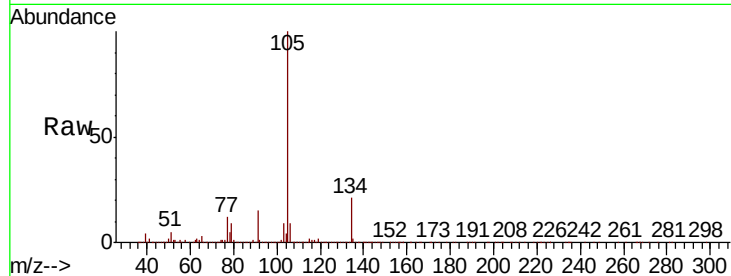
134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 52.081 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

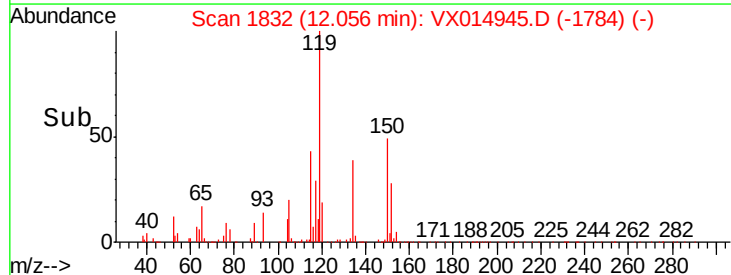
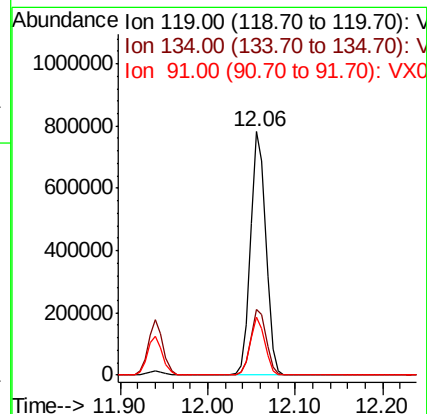
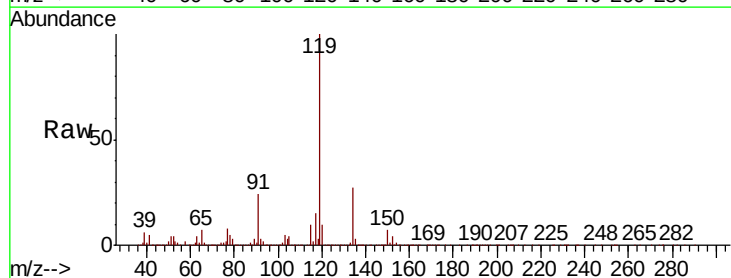
Tgt Ion:119 Resp: 944601

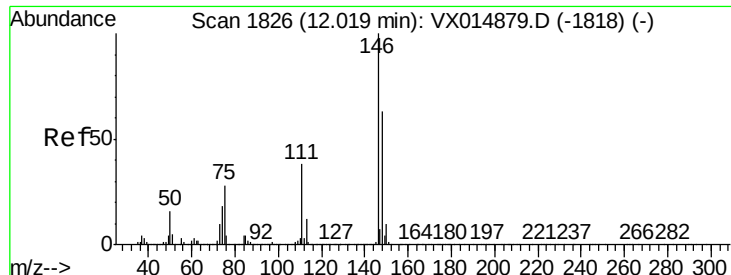
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 52.992 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014945.D

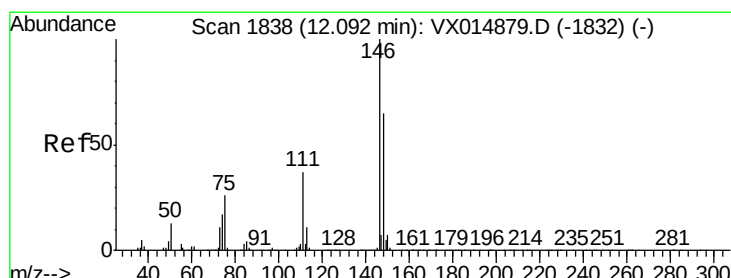
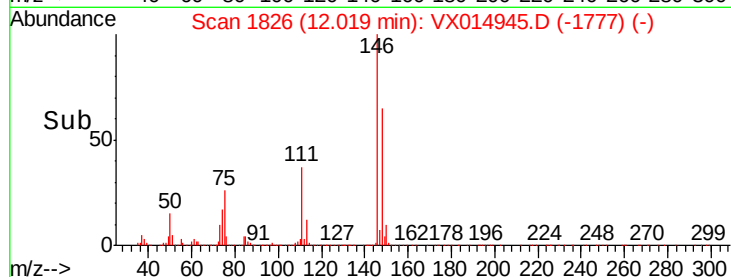
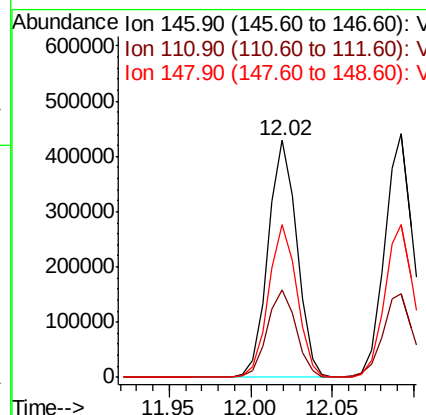
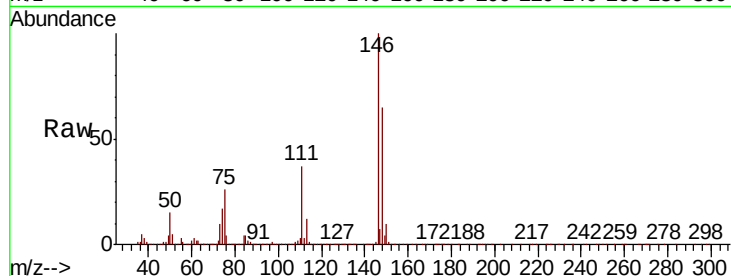
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.706 ug/l

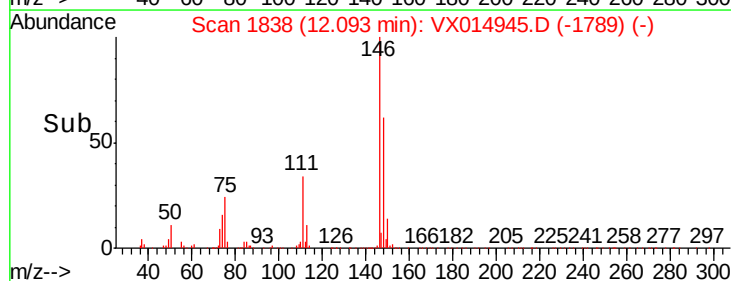
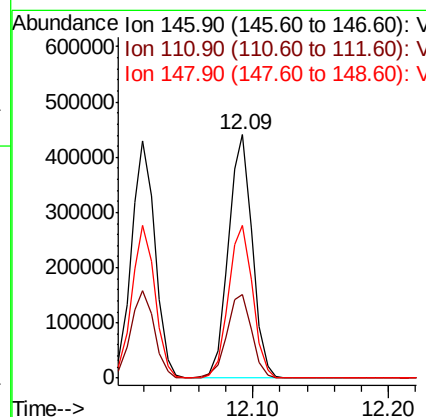
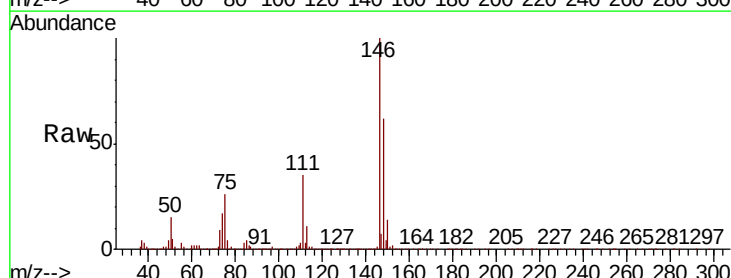
RT: 12.09 min Scan# 1838

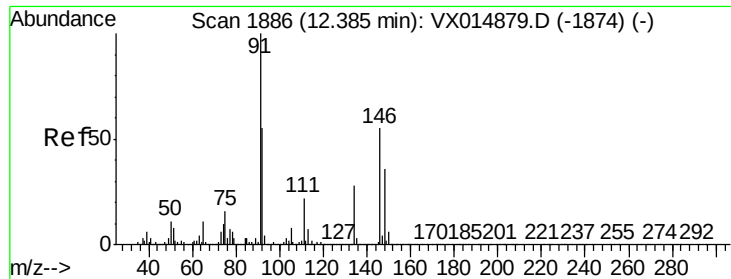
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	64.0	32.4	97.0





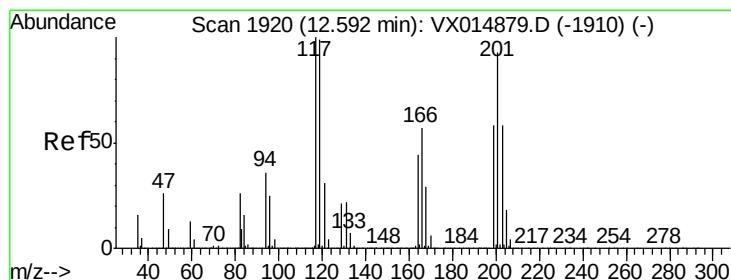
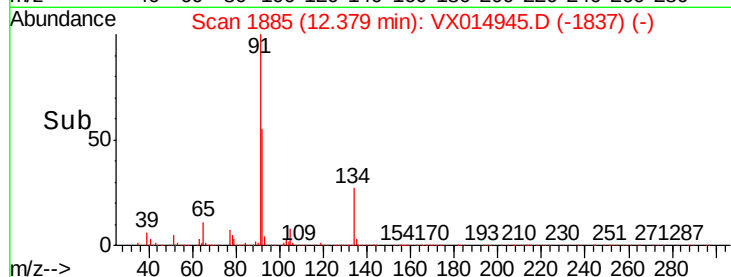
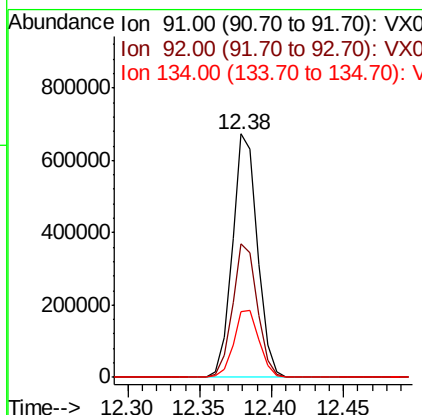
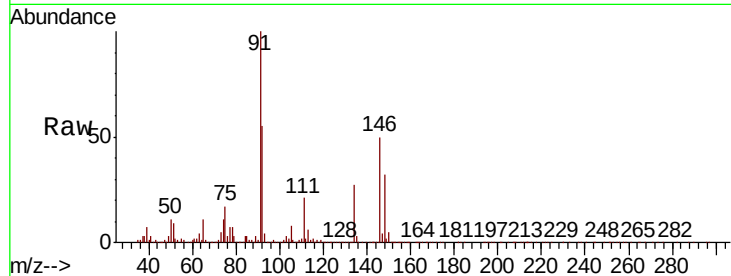
#89
n-Butylbenzene
Concen: 50.401 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	818701		
92	54.5	27.3	81.8	
134	28.0	13.8	41.4	

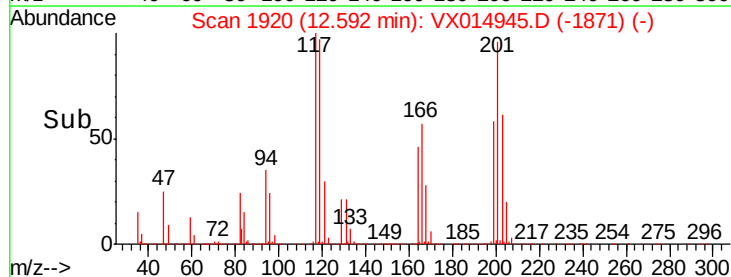
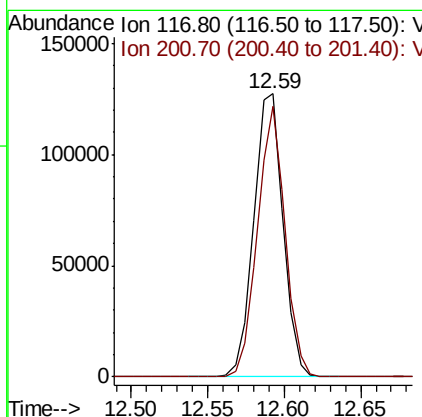
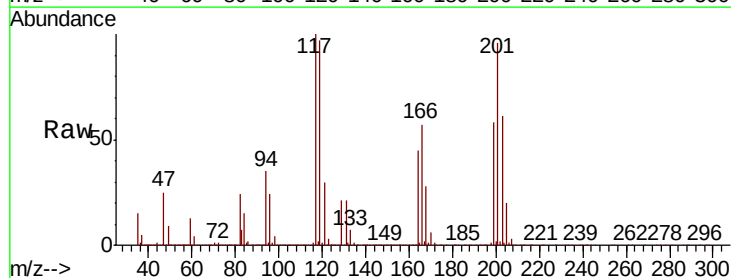
Manual Integrations
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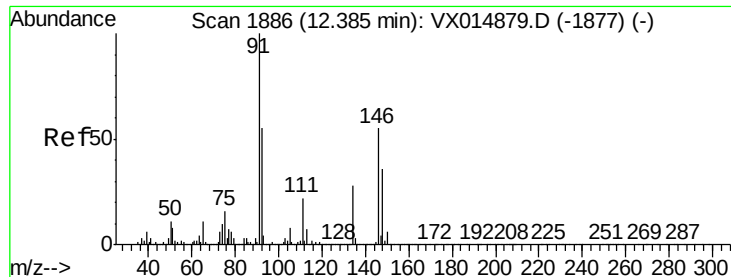
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#90
Hexachloroethane
Concen: 53.618 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169829		
201	90.1	44.8	134.3	





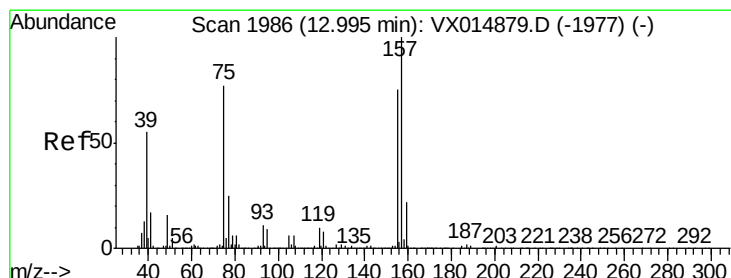
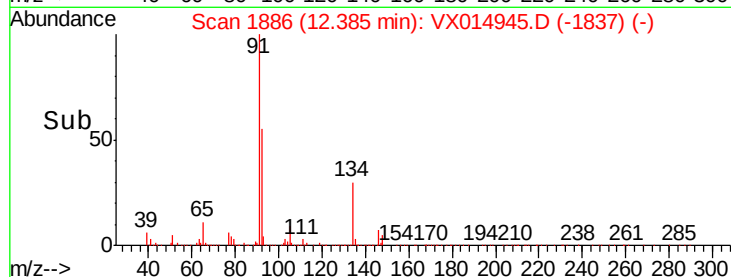
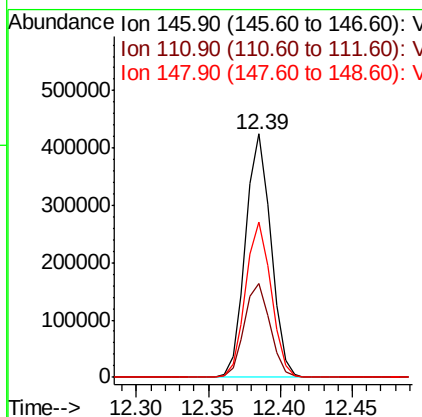
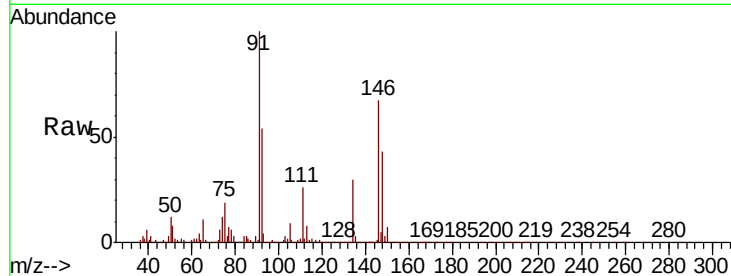
#91
 1,2-Dichlorobenzene
 Concen: 53.439 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.2	32.4	97.2

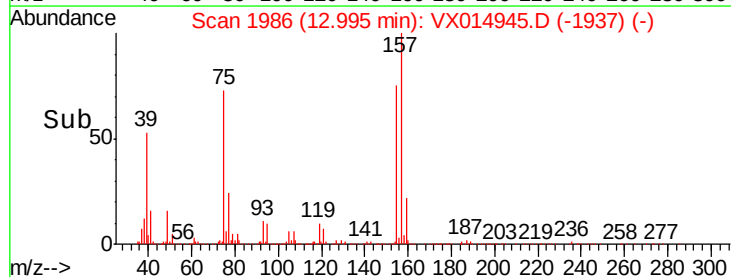
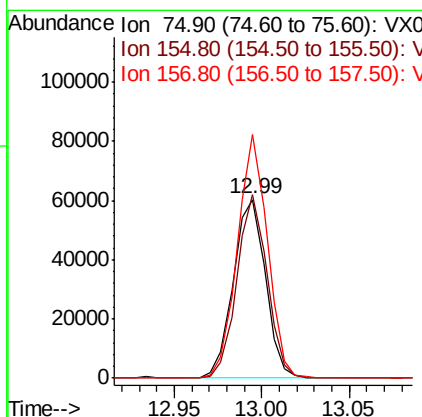
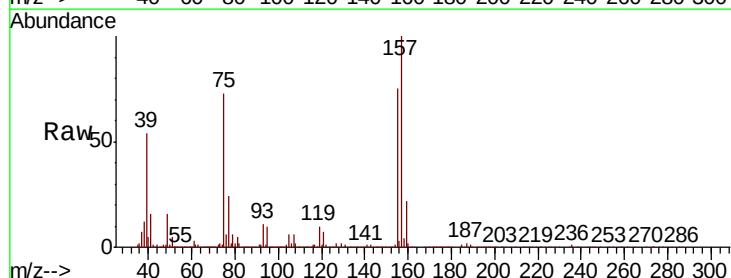
Manual Integrations
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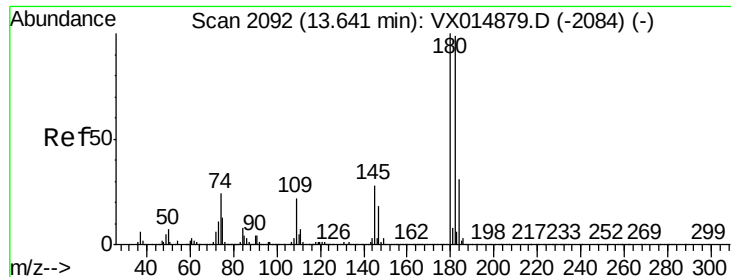
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.655 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	48.6	145.9
157	128.6	62.0	186.0





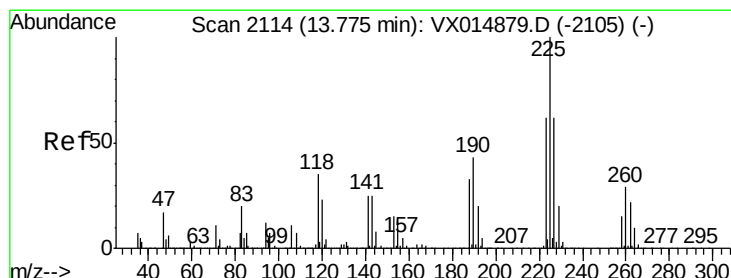
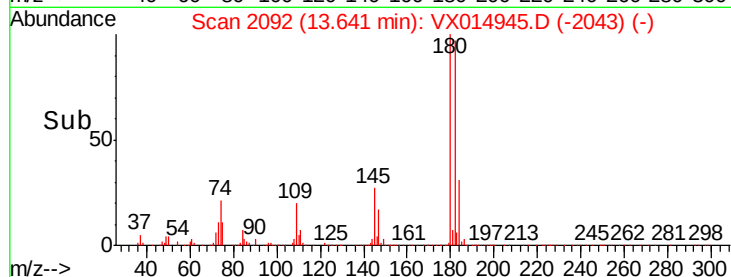
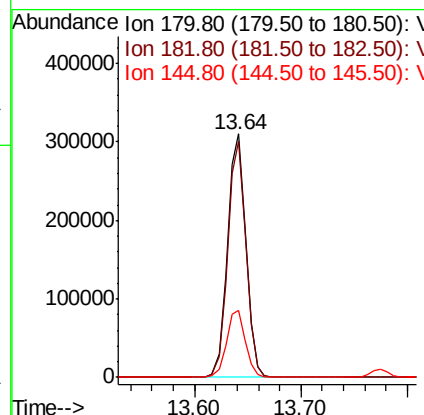
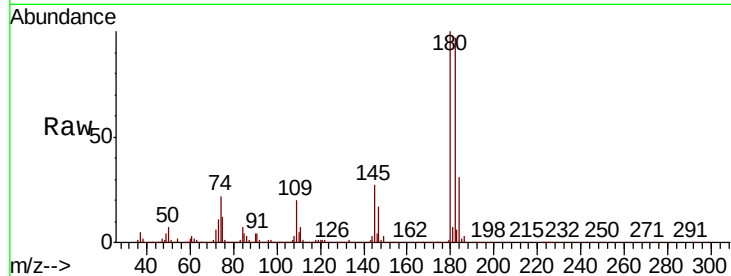
#93
 1,2,4-Trichlorobenzene
 Concen: 52.575 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	375733		
182	95.9	48.4	145.3	
145	28.0	14.1	42.4	

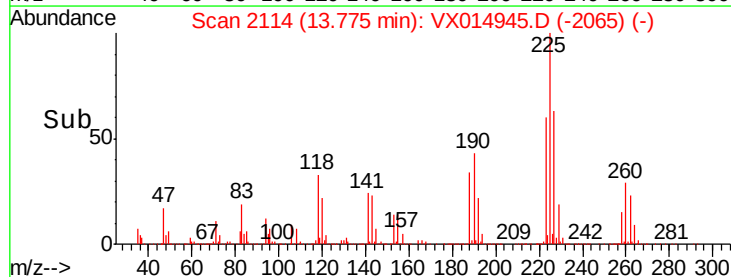
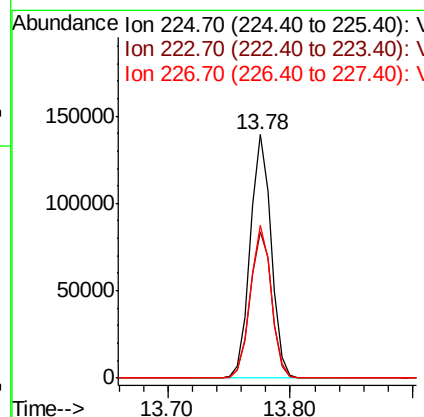
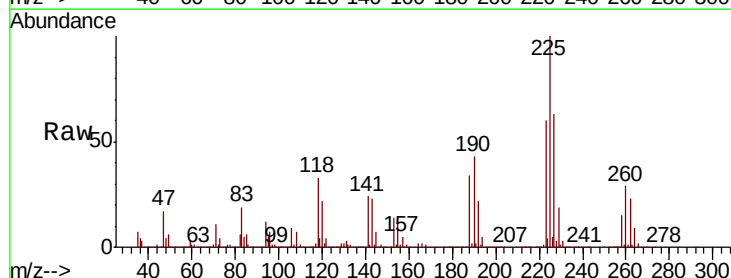
Manual Integrations
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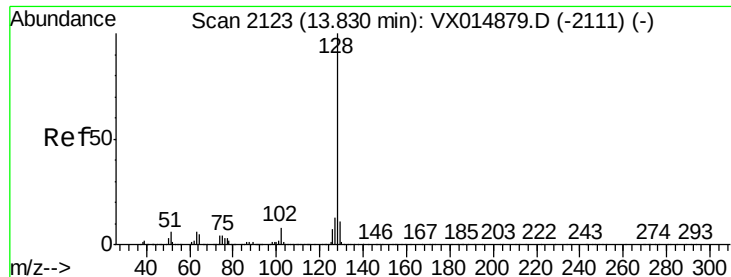
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#94
 Hexachlorobutadiene
 Concen: 47.934 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165692		
223	61.6	31.1	93.2	
227	62.6	30.9	92.5	





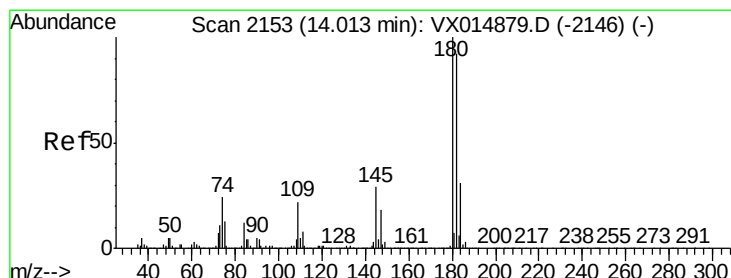
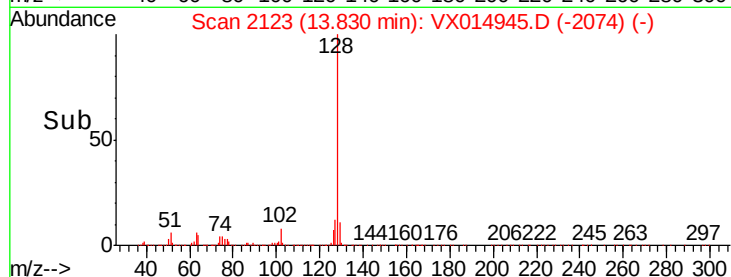
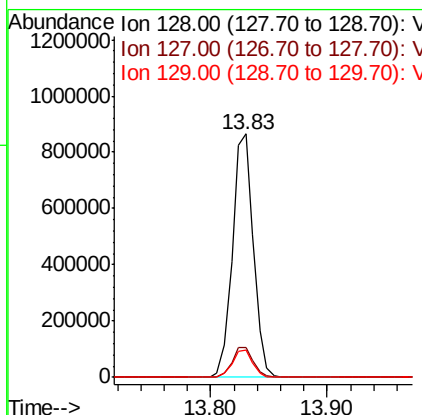
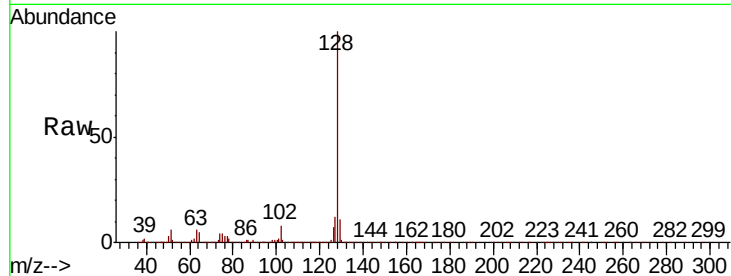
#95
Naphthalene
Concen: 56.849 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.034 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.5	142.6
145	29.7	14.5	43.5

