

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014084.D
 Acq On : 18 Dec 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/19/2019 11:50:53 AM

Quant Time: Dec 18 16:23:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	560239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	849275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	323288	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	5.48	113	270430	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	1034707	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	375613	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	239627	47.810	ug/l	99
3) Chloromethane	1.32	50	328798	48.883	ug/l	100
4) Vinyl Chloride	1.40	62	346571	48.831	ug/l	99
5) Bromomethane	1.63	94	219915	43.656	ug/l	100
6) Chloroethane	1.72	64	215897	49.287	ug/l	97
7) Trichlorofluoromethane	1.92	101	431341	49.095	ug/l	100
8) Diethyl Ether	2.18	74	192946	46.793	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266393	50.299	ug/l	99
10) Methyl Iodide	2.50	142	354202	50.676	ug/l	99
11) Tert butyl alcohol	3.03	59	293831	214.164	ug/l	100
12) 1,1-Dichloroethene	2.36	96	259653	48.181	ug/l	99
13) Acrolein	2.28	56	262033	333.643	ug/l	98
14) Allyl chloride	2.72	41	483121	50.209	ug/l	100
15) Acrylonitrile	3.12	53	772777	241.318	ug/l	99
16) Acetone	2.43	43	962886	233.585	ug/l	100
17) Carbon Disulfide	2.56	76	720714	48.200	ug/l	99
18) Methyl Acetate	2.76	43	395014	48.359	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	870156	49.137	ug/l	99
20) Methylene Chloride	2.84	84	299591	46.152	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	287710	48.459	ug/l	99
22) Diisopropyl ether	3.84	45	966509	50.406	ug/l	94
23) Vinyl Acetate	3.80	43	4151617	265.321	ug/l	100
24) 1,1-Dichloroethane	3.69	63	519310	48.679	ug/l	99
25) 2-Butanone	4.65	43	1242441	244.469	ug/l	100
26) 2,2-Dichloropropane	4.57	77	413445	49.916	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	327236	48.735	ug/l	100
28) Bromochloromethane	5.00	49	229830	55.964	ug/l	97
29) Tetrahydrofuran	5.11	42	697908	245.517	ug/l	98
30) Chloroform	5.20	83	501518	49.592	ug/l	99
31) Cyclohexane	5.57	56	481658	50.765	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	421967	48.958	ug/l	99
36) 1,1-Dichloropropene	5.79	75	391284	50.212	ug/l	99
37) Ethyl Acetate	4.81	43	428465	49.791	ug/l	100
38) Carbon Tetrachloride	5.77	117	362462	51.058	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	490999	51.029	ug/l	99
40) Benzene	6.13	78	1182033	49.299	ug/l	100
41) Methacrylonitrile	5.03	41	237281	49.696	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404691	49.792	ug/l	99
43) Isopropyl Acetate	6.43	43	707723	49.696	ug/l	99
44) Trichloroethene	7.20	130	321479	48.543	ug/l	99
45) 1,2-Dichloropropane	7.50	63	306538	49.880	ug/l	97
46) Dibromomethane	7.65	93	198871	48.946	ug/l	98
47) Bromodichloromethane	7.89	83	391620	51.177	ug/l	99
48) Methyl methacrylate	7.76	41	351274	50.373	ug/l	98
49) 1,4-Dioxane	7.73	88	131122	923.961	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2179283	243.666	ug/l	99
52) Toluene	8.78	92	739637	48.805	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	434659	51.802	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	492432	52.679	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	300778	49.519	ug/l	99
56) Ethyl methacrylate	9.17	69	479207	50.225	ug/l	99
57) 1,3-Dichloropropane	9.36	76	511061	50.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	976843	270.538	ug/l	100
59) 2-Hexanone	9.48	43	1761838	244.709	ug/l	100
60) Dibromochloromethane	9.57	129	312304	51.727	ug/l	99
61) 1,2-Dibromoethane	9.67	107	314436	50.596	ug/l	98
64) Tetrachloroethene	9.33	164	313255	46.167	ug/l	100
65) Chlorobenzene	10.13	112	800674	49.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	293829	50.473	ug/l	98
67) Ethyl Benzene	10.25	91	1417760	50.579	ug/l	99
68) m/p-Xylenes	10.35	106	1086647	100.792	ug/l	100
69) o-Xylene	10.69	106	516851	48.881	ug/l	98
70) Styrene	10.71	104	902244	50.462	ug/l	99
71) Bromoform	10.85	173	236327	50.502	ug/l	100
73) Isopropylbenzene	11.01	105	1393689	50.617	ug/l	100
74) N-amyl acetate	10.89	43	635138	49.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	459829	48.171	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	379267m	44.673	ug/l	
77) Bromobenzene	11.25	156	358059	47.265	ug/l	99
78) n-propylbenzene	11.35	91	1598817	51.768	ug/l	100
79) 2-Chlorotoluene	11.42	91	930403	49.559	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1176100	50.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	153897	51.164	ug/l	97
82) 4-Chlorotoluene	11.51	91	1087560	49.941	ug/l	99
83) tert-Butylbenzene	11.76	119	1147115	50.868	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1181899	50.931	ug/l	99
85) sec-Butylbenzene	11.94	105	1373371	51.588	ug/l	100
86) p-Isopropyltoluene	12.06	119	1263684	51.893	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	644523	48.544	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	638197	47.274	ug/l	99
89) n-Butylbenzene	12.39	91	1122001	53.998	ug/l	99
90) Hexachloroethane	12.59	117	220281	50.361	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	634466	47.471	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96141	45.512	ug/l	100

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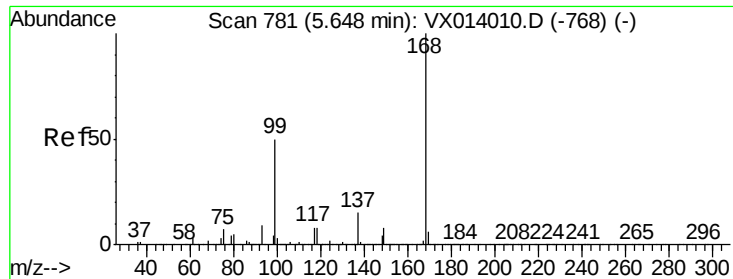
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	435497	50.132	ug/l	97
94) Hexachlorobutadiene	13.78	225	207391	49.675	ug/l	98
95) Naphthalene	13.83	128	1313136	51.450	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	432563	50.443	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 560239

Ion Ratio Lower Upper

168 100

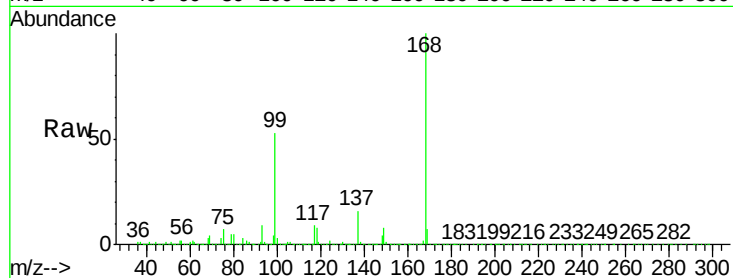
99 52.6 40.3 60.5

Manual Integrations

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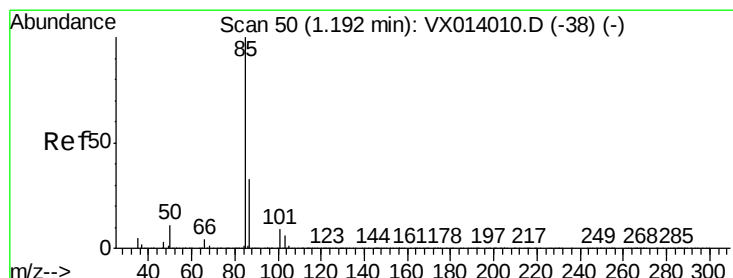
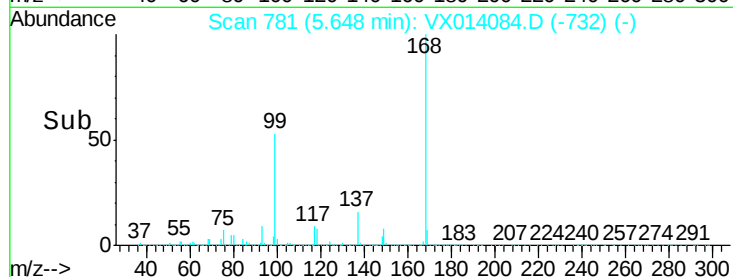
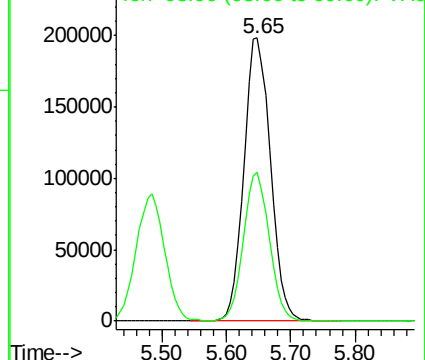
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.810 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014084.D

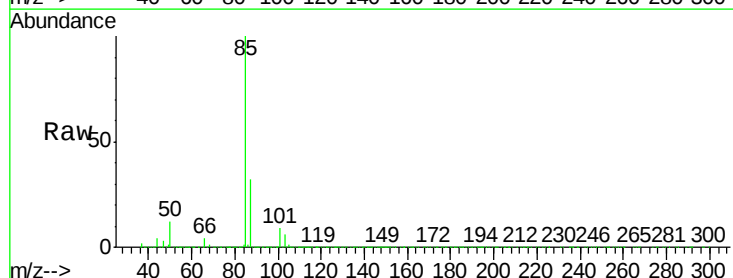
Acq: 18 Dec 2019 09:57

Tgt Ion: 85 Resp: 239627

Ion Ratio Lower Upper

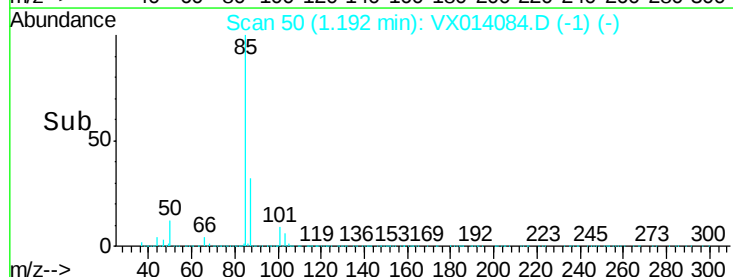
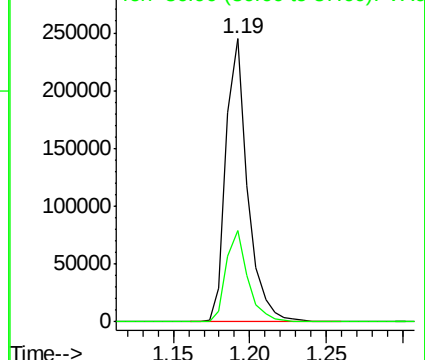
85 100

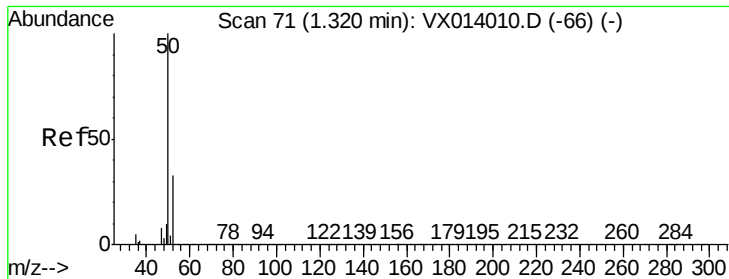
87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.883 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 328798

Ion Ratio Lower Upper

50 100

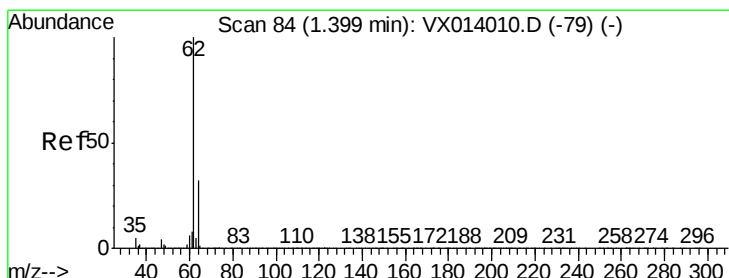
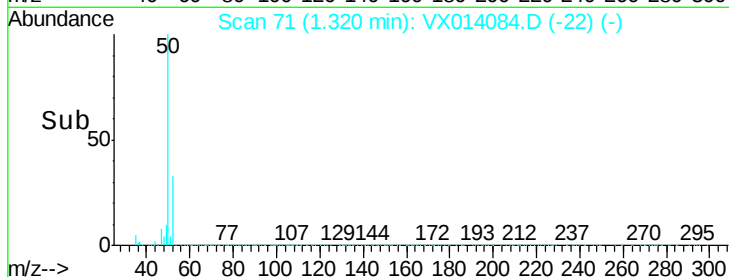
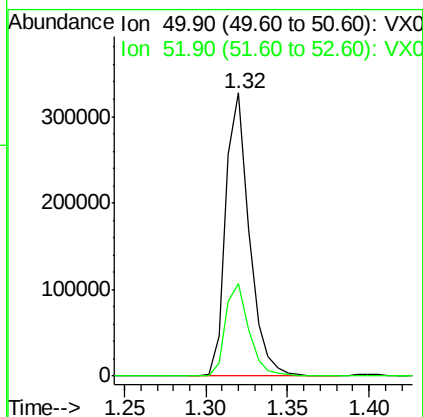
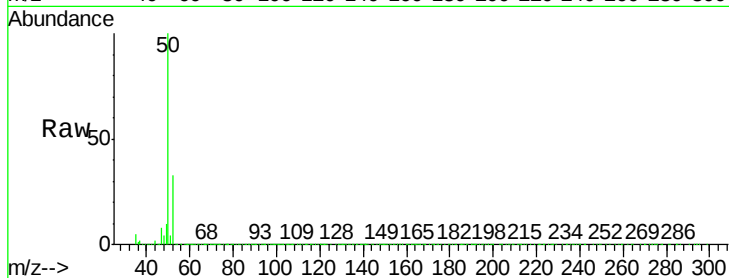
52 32.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 48.831 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014084.D

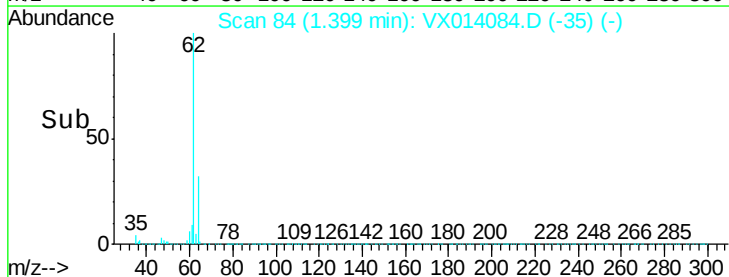
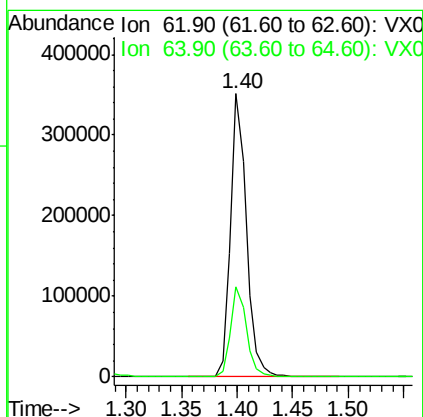
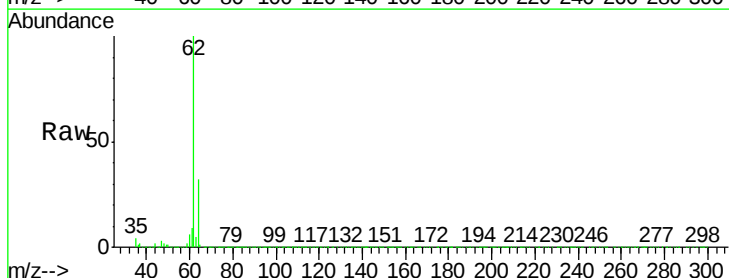
Acq: 18 Dec 2019 09:57

Tgt Ion: 62 Resp: 346571

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 43.656 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 219915

Ion Ratio Lower Upper

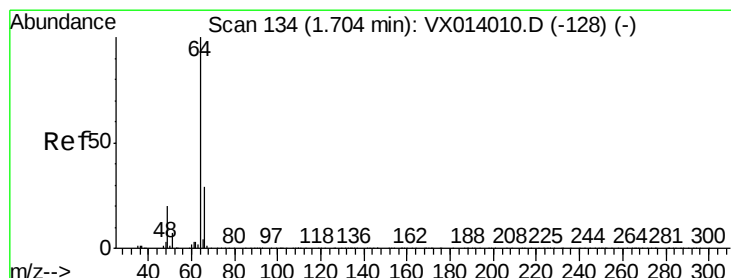
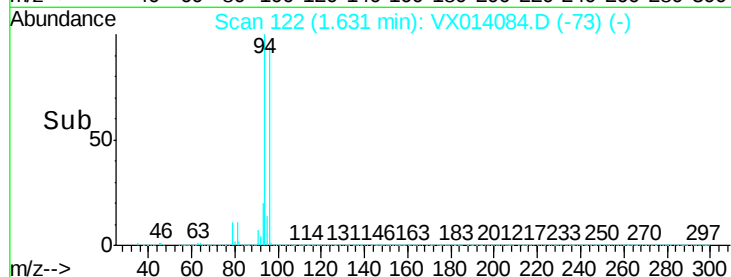
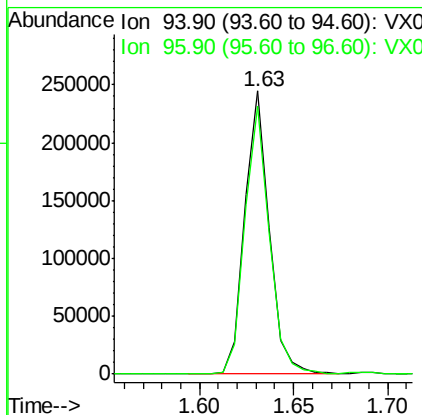
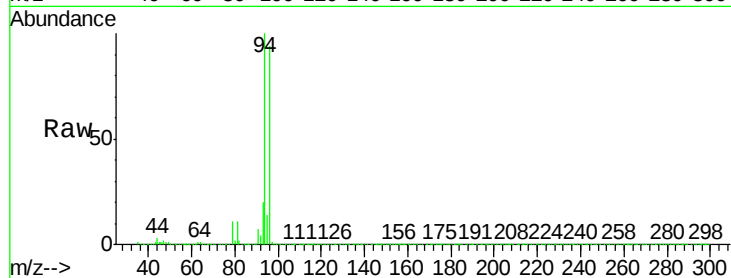
94 100

96 94.4 75.2 112.8

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#6

Chloroethane

Concen: 49.287 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014084.D

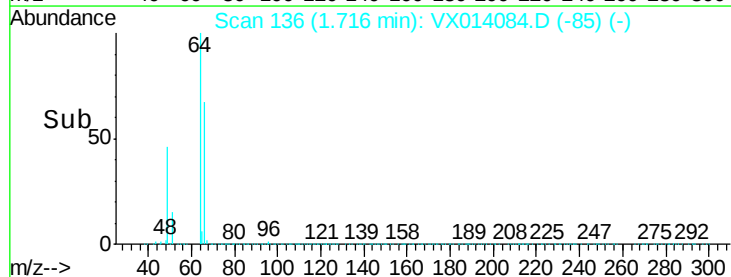
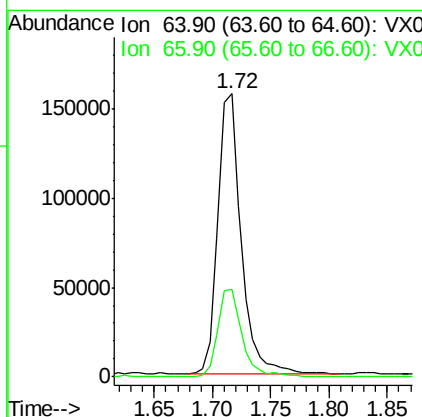
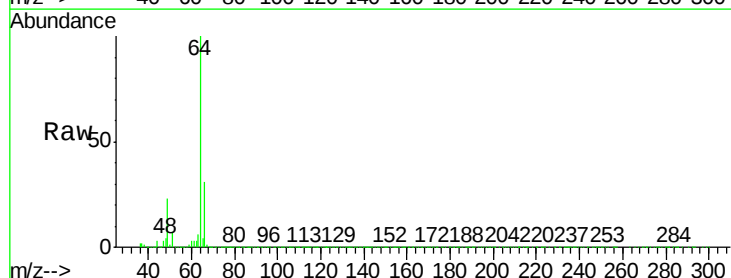
Acq: 18 Dec 2019 09:57

Tgt Ion: 64 Resp: 215897

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

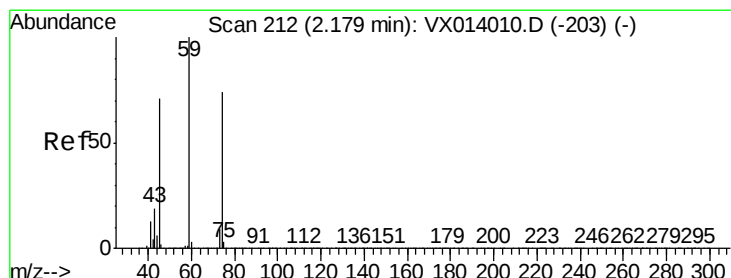
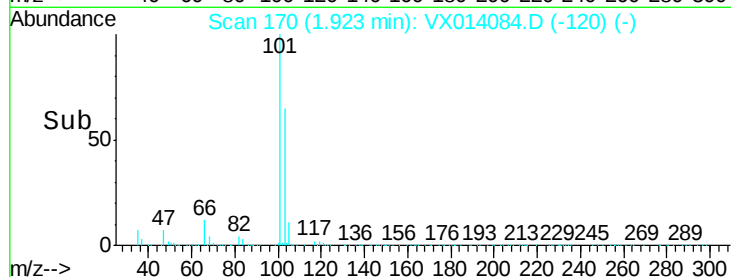
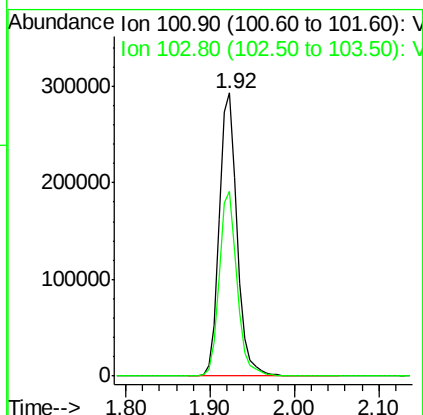
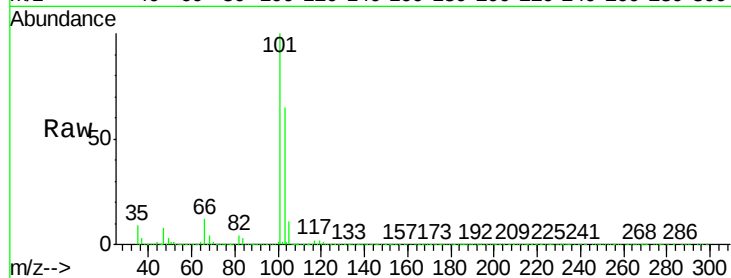
Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

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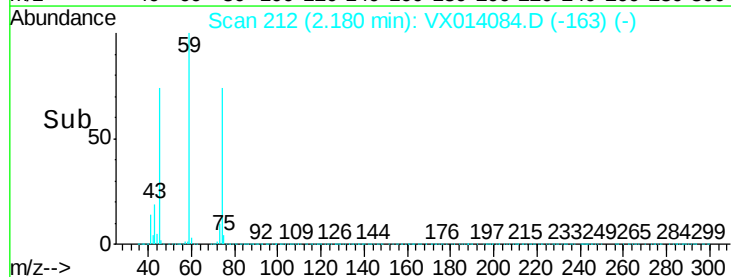
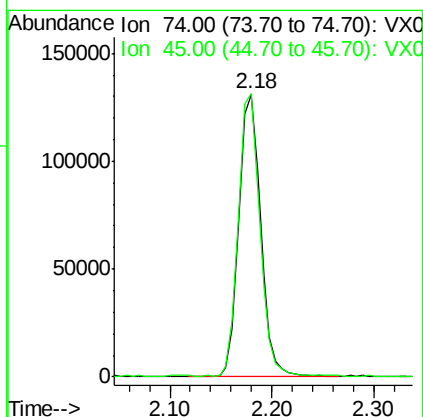
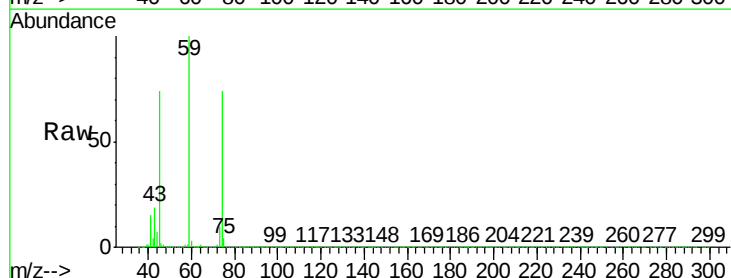
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#8

Diethyl Ether
Concen: 46.793 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.299 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

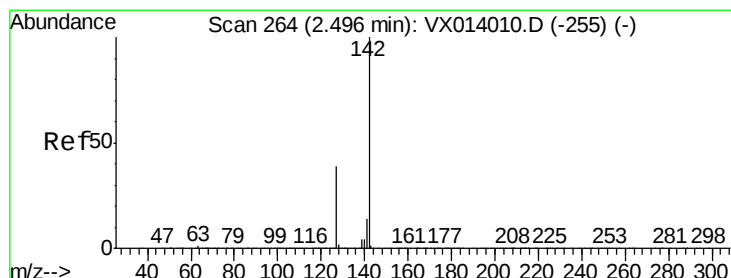
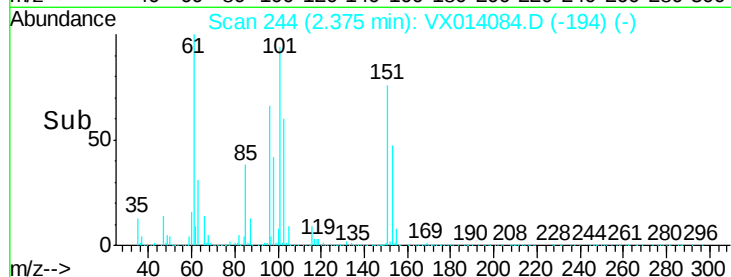
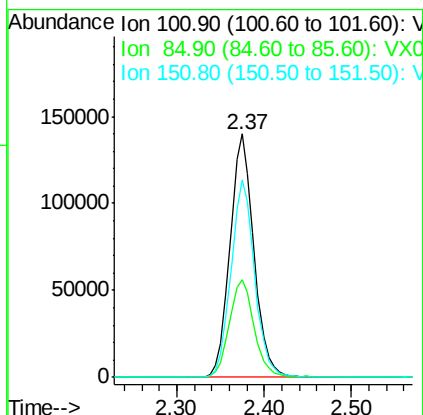
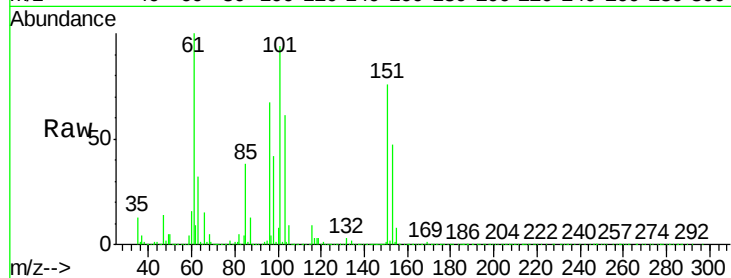
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	266393
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.7	50.5
151	80.2	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 50.676 ug/l

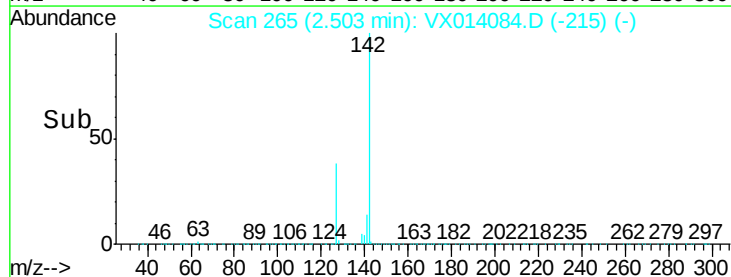
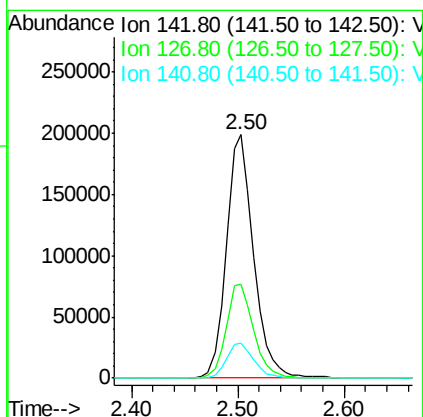
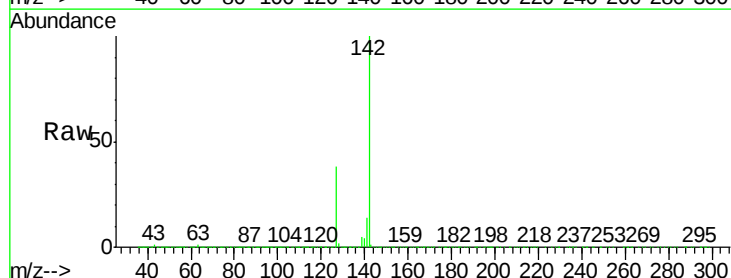
RT: 2.50 min Scan# 265

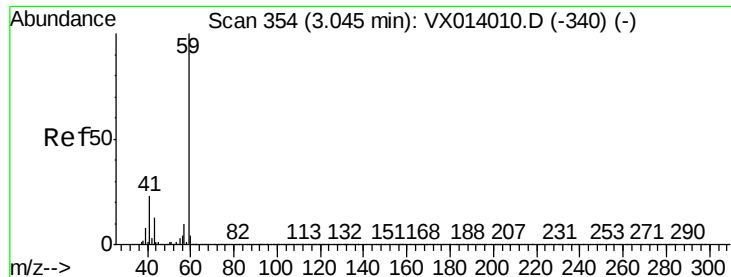
Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:	142	Resp:	354202
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.6	47.4
141	14.4	11.6	17.4





#11

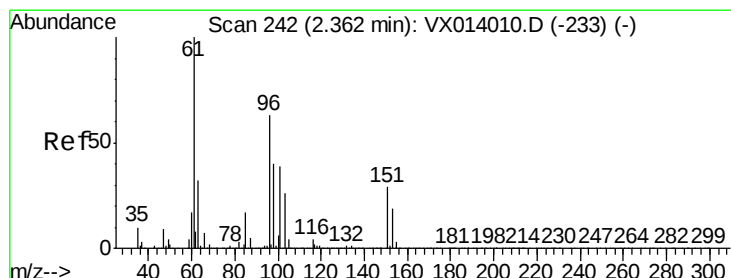
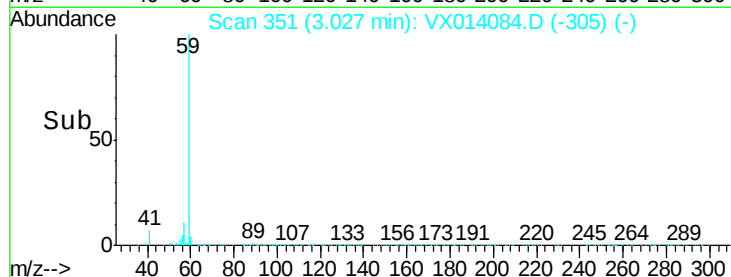
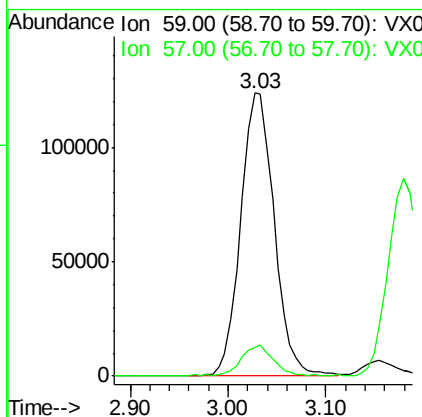
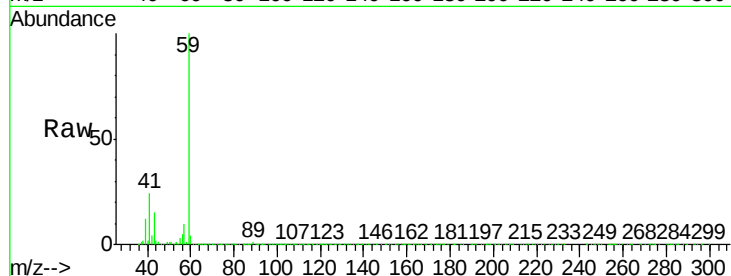
Tert butyl alcohol
Concen: 214.164 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

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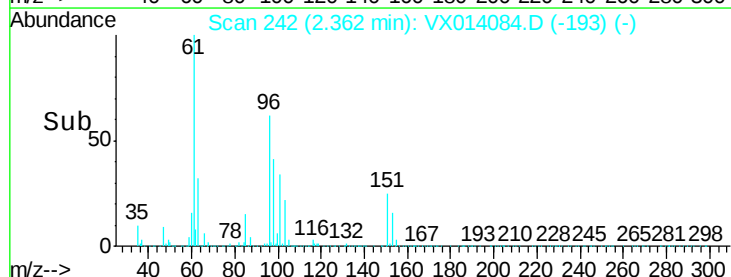
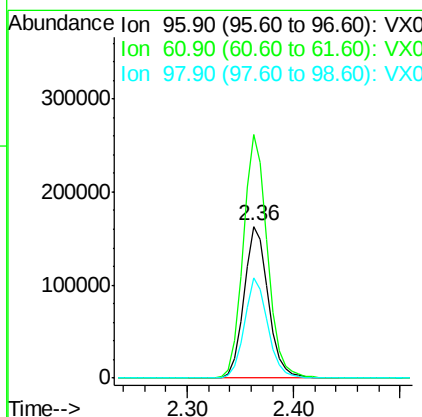
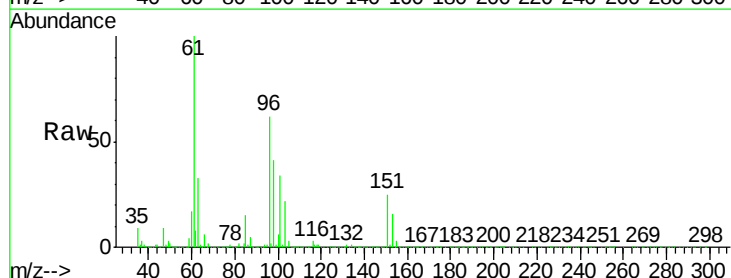
apatel
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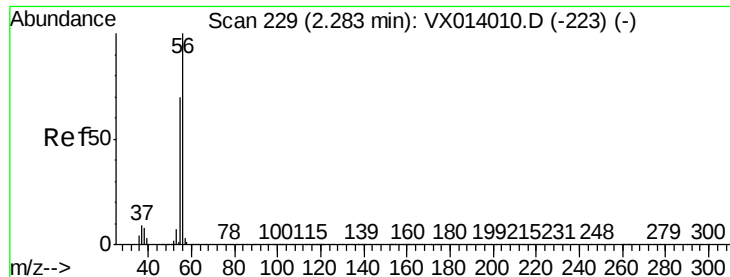


#12

1,1-Dichloroethene
Concen: 48.181 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	127.9	191.9
98	65.6	50.5	75.7





#13

Acrolein

Concen: 333.643 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 262033

Ion Ratio Lower Upper

56 100

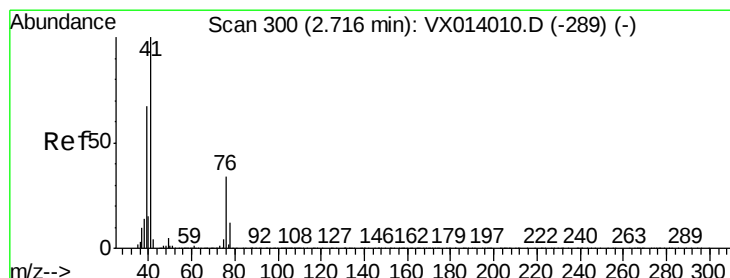
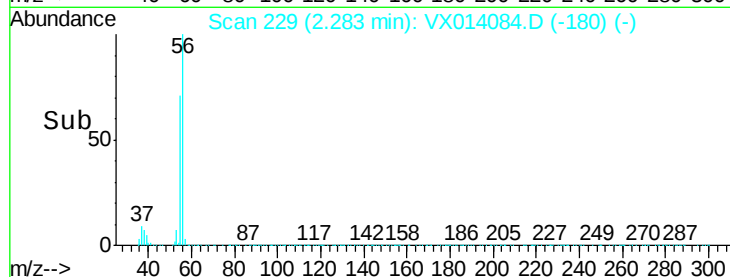
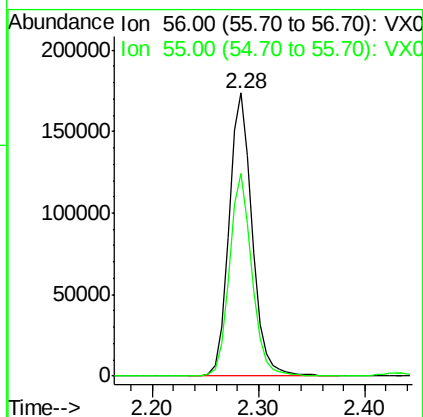
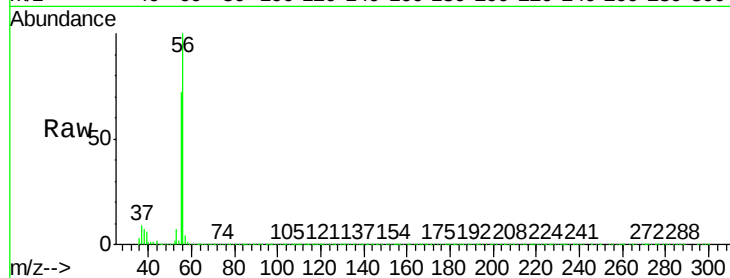
55 69.5 56.9 85.3

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#14

Allyl chloride

Concen: 50.209 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

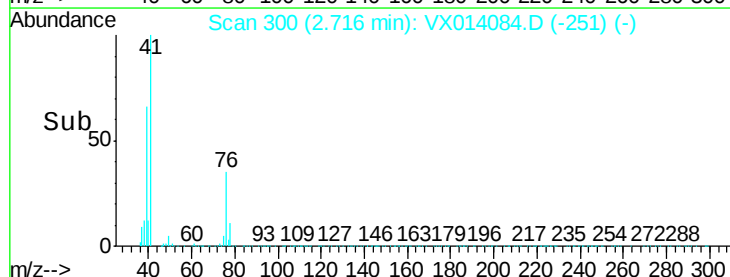
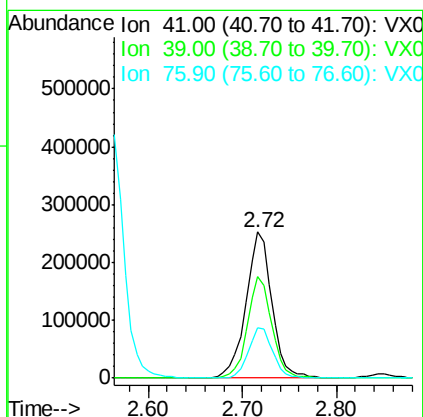
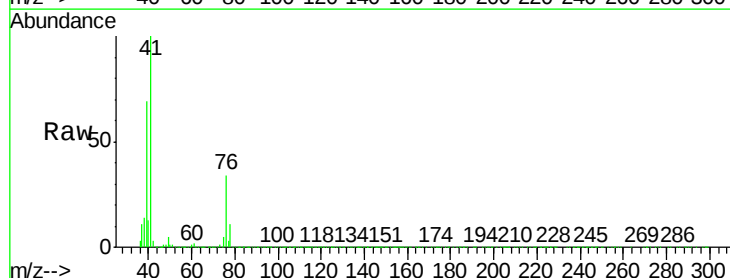
Tgt Ion: 41 Resp: 483121

Ion Ratio Lower Upper

41 100

39 64.6 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 241.318 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

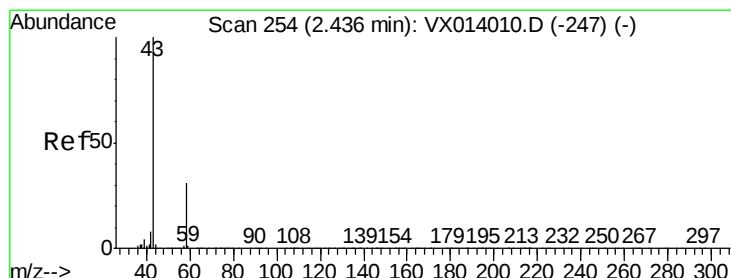
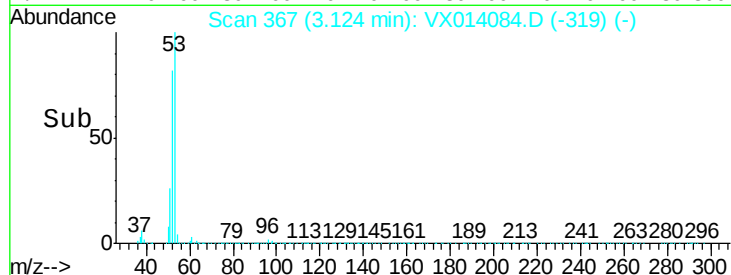
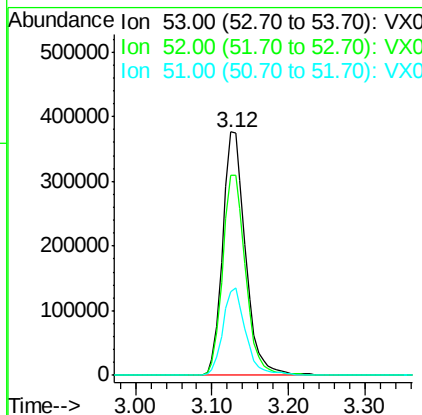
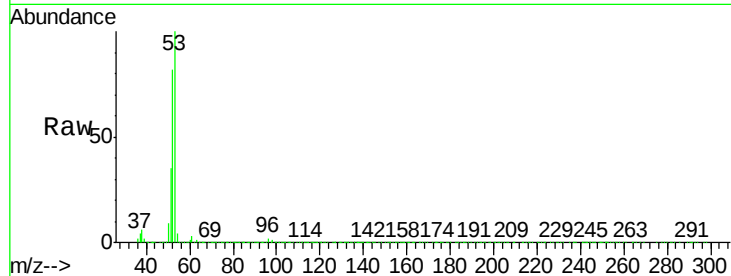
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	772777
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.3	28.1	42.1

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#16

Acetone

Concen: 233.585 ug/l

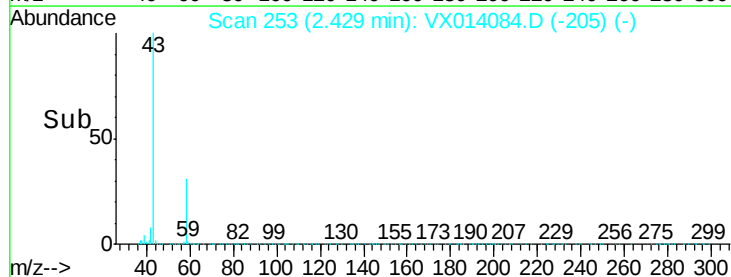
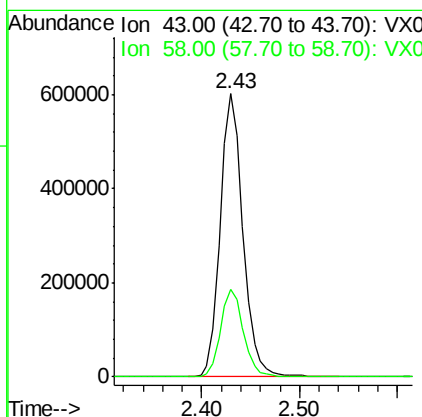
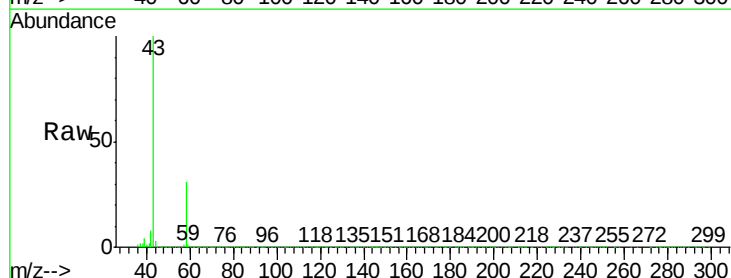
RT: 2.43 min Scan# 253

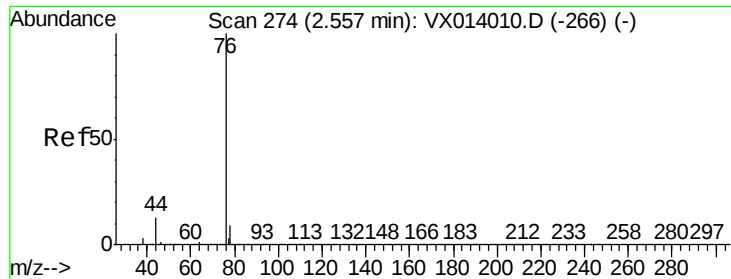
Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:	43	Resp:	962886
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 48.200 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 720714

Ion Ratio Lower Upper

76 100

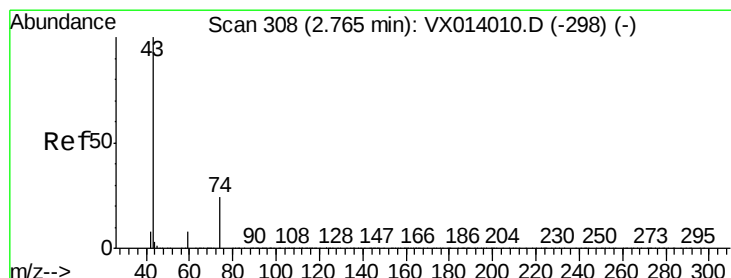
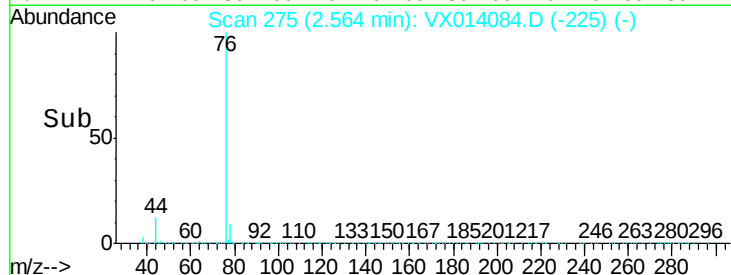
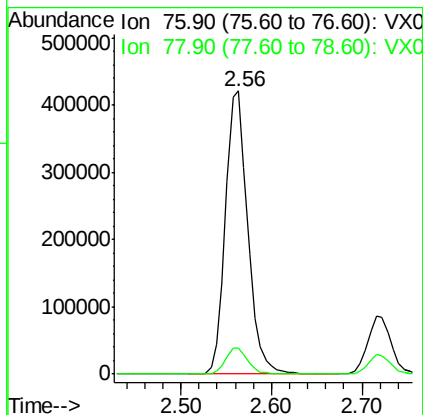
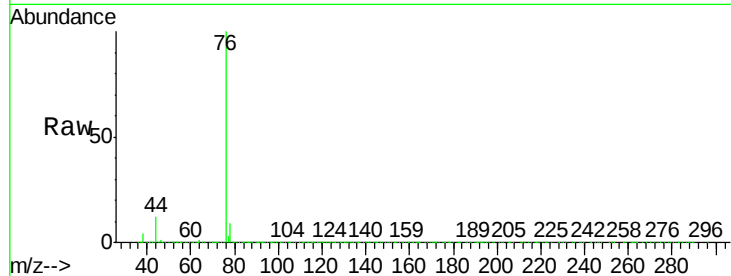
78 9.4 7.2 10.8

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#18

Methyl Acetate

Concen: 48.359 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014084.D

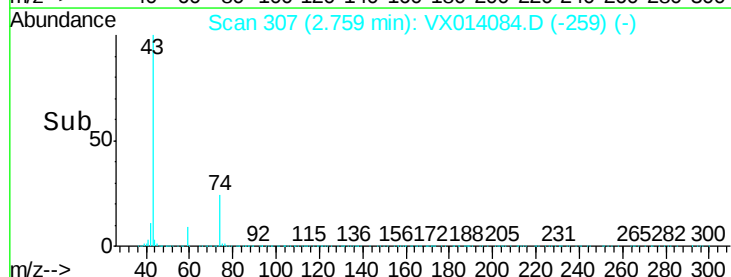
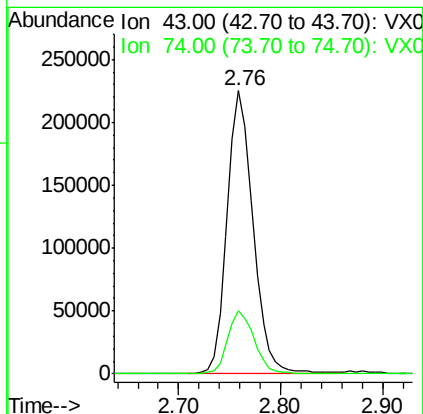
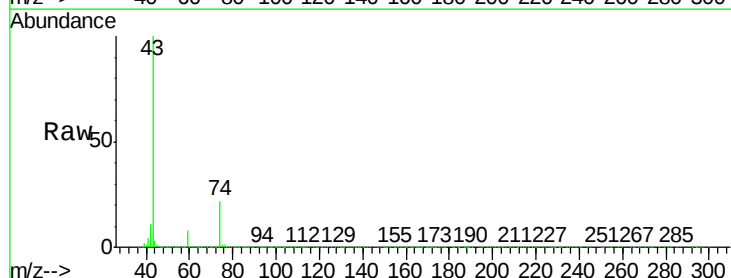
Acq: 18 Dec 2019 09:57

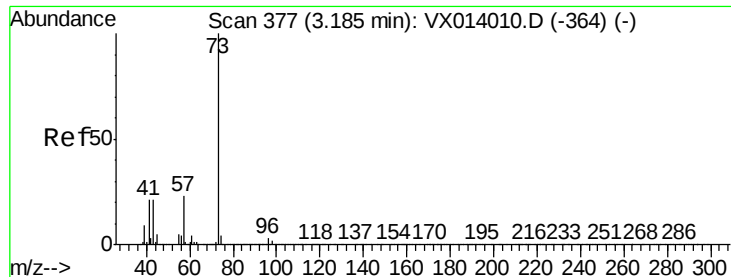
Tgt Ion: 43 Resp: 395014

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3





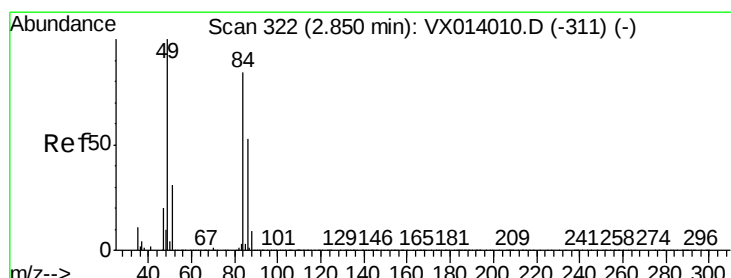
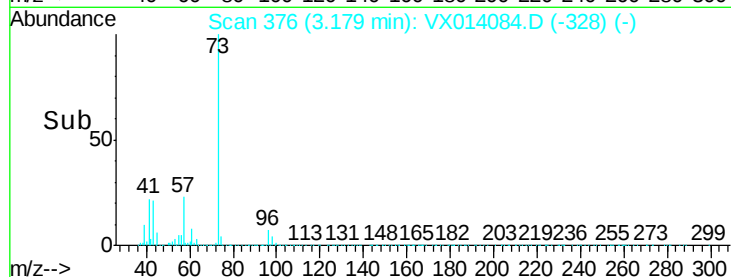
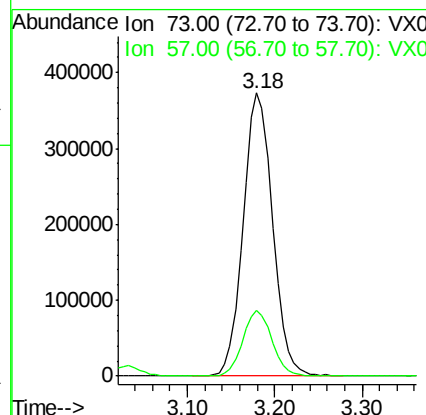
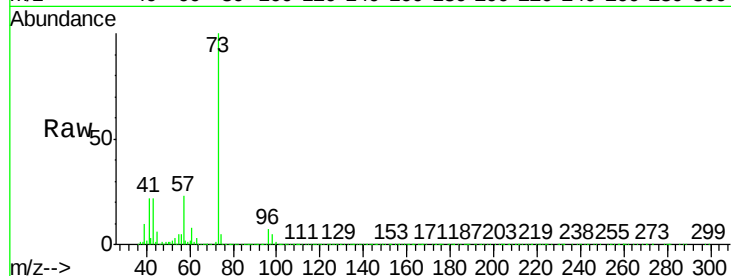
#19
Methyl tert-butyl Ether
Concen: 49.137 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.8	28.2

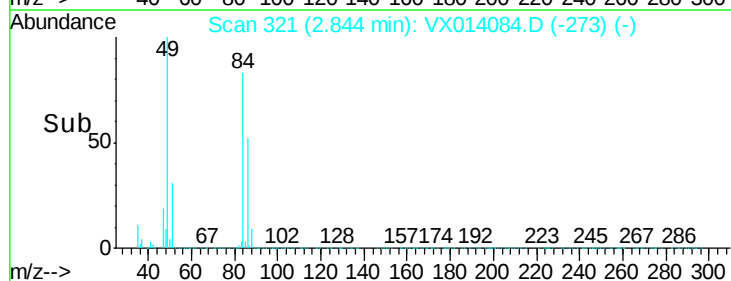
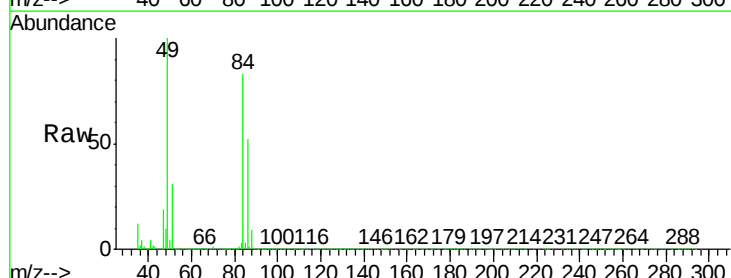
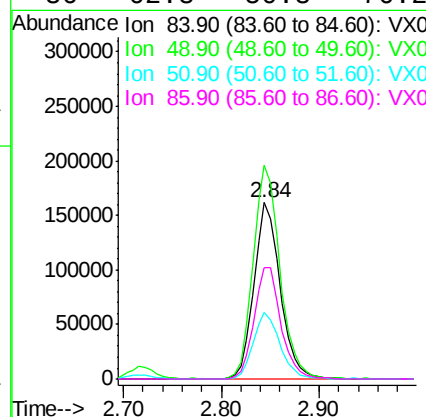
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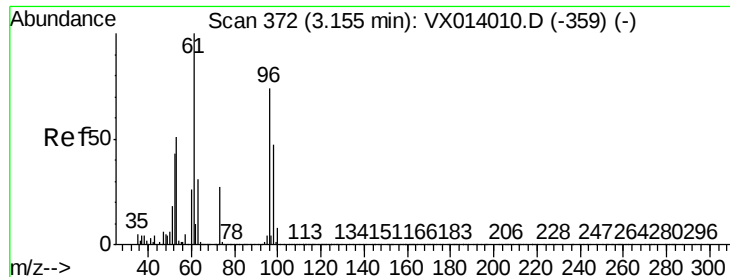
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#20
Methylene Chloride
Concen: 46.152 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	95.8	143.6
51	37.8	29.8	44.8
86	62.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.459 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

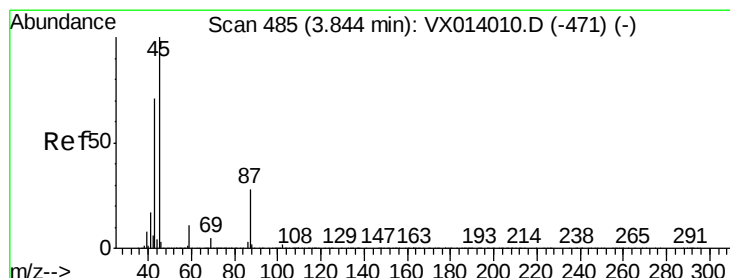
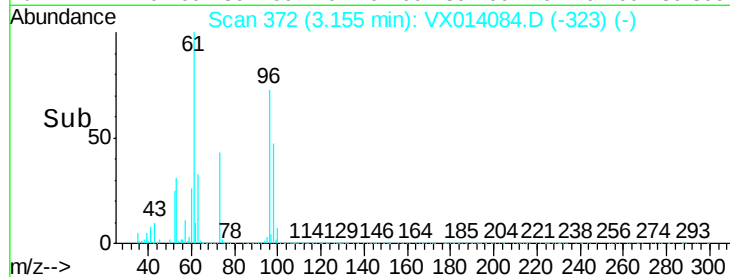
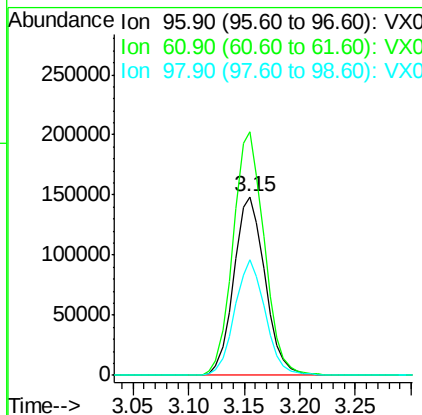
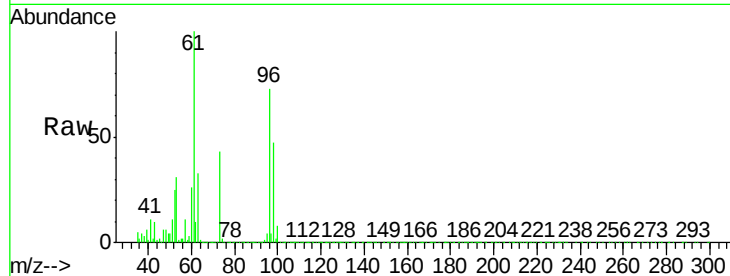
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	287710
Ion Ratio	Lower	Upper	
96	100		
61	136.3	108.3	162.5
98	64.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.406 ug/l

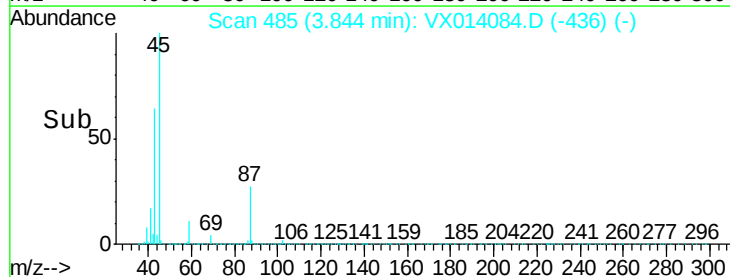
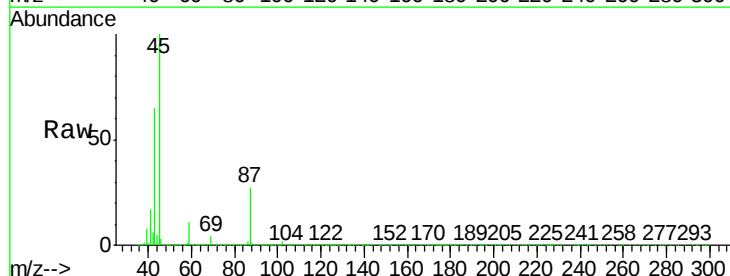
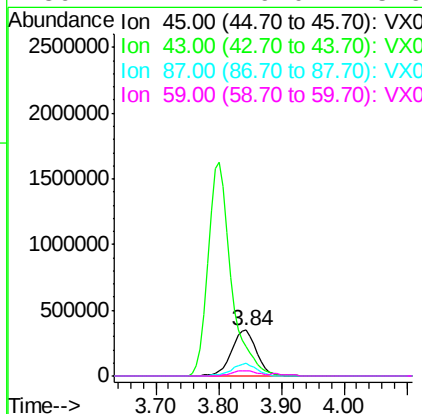
RT: 3.84 min Scan# 485

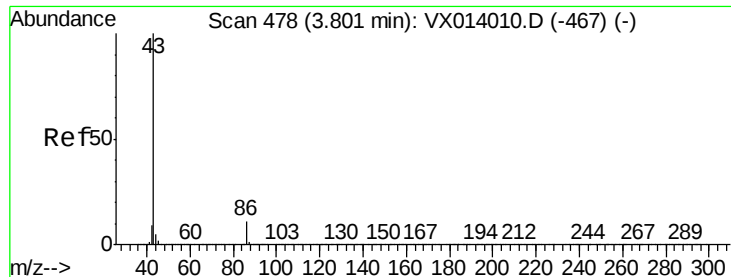
Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:	45	Resp:	966509
Ion Ratio	Lower	Upper	
45	100		
43	64.1	57.4	86.0
87	26.9	21.9	32.9
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 265.321 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tot Ion: 43 Resp: 4151617

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

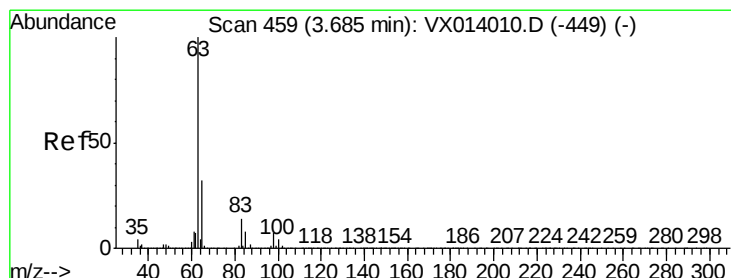
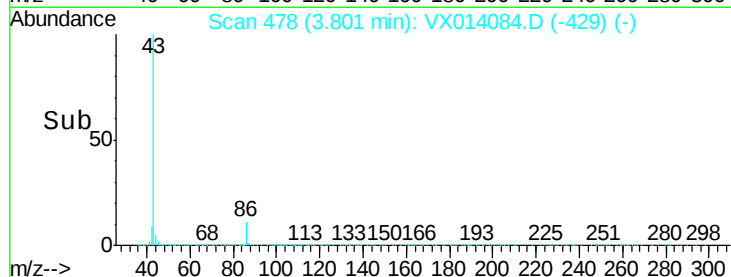
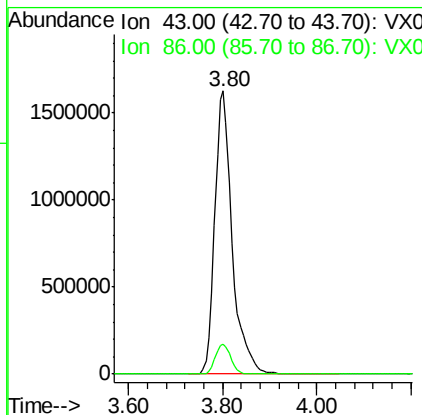
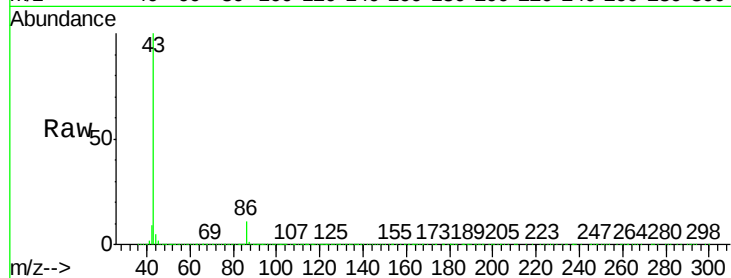
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 48.679 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

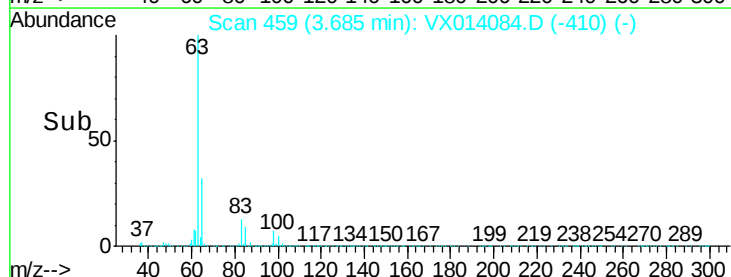
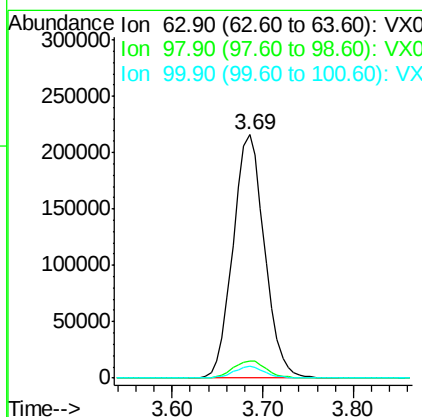
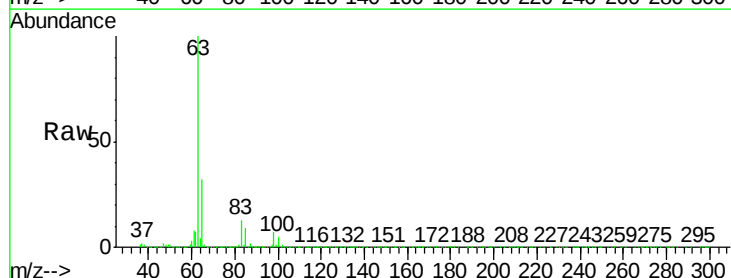
Tgt Ion: 63 Resp: 519310

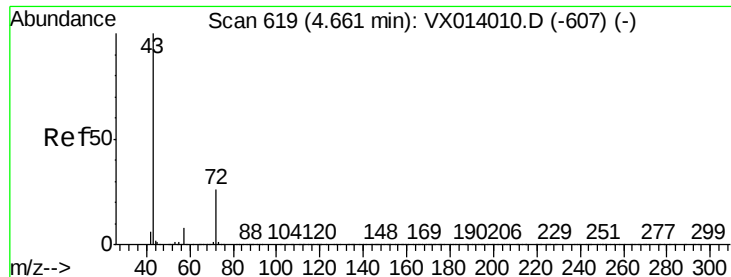
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 244.469 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tot Ion: 43 Resp: 1242441

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

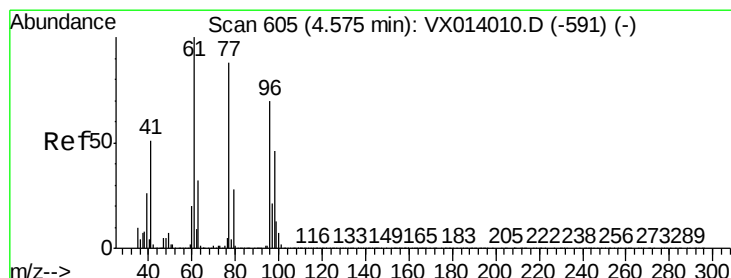
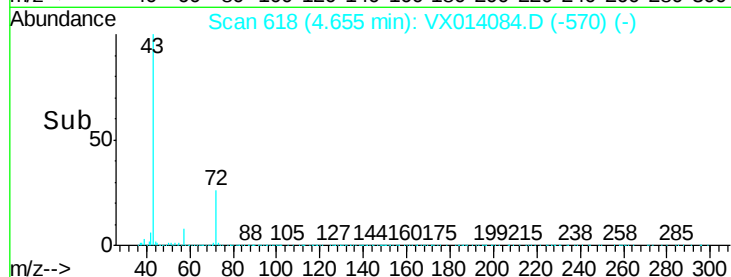
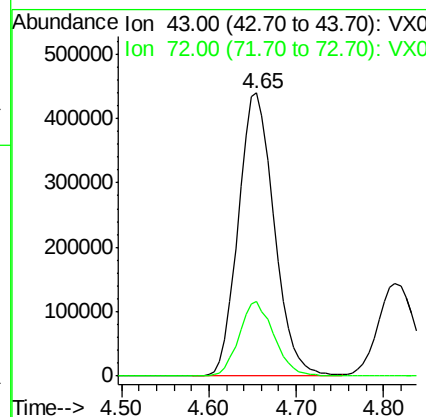
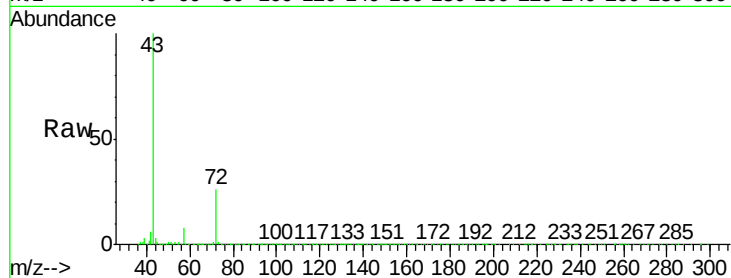
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 49.916 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014084.D

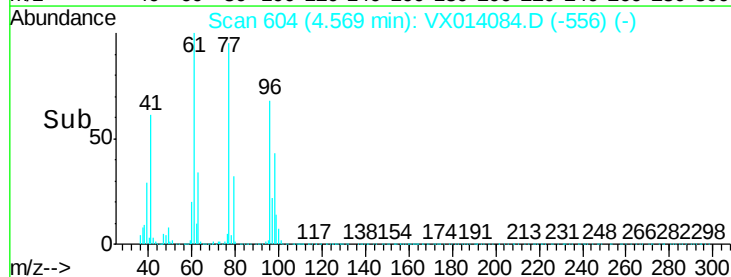
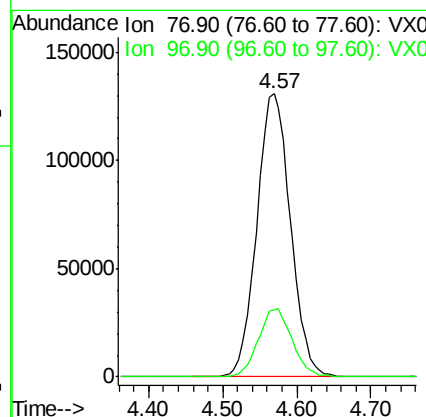
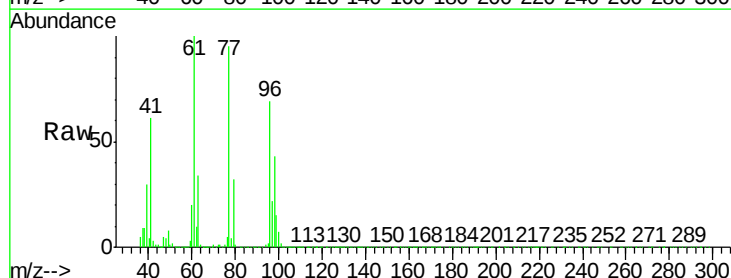
Acq: 18 Dec 2019 09:57

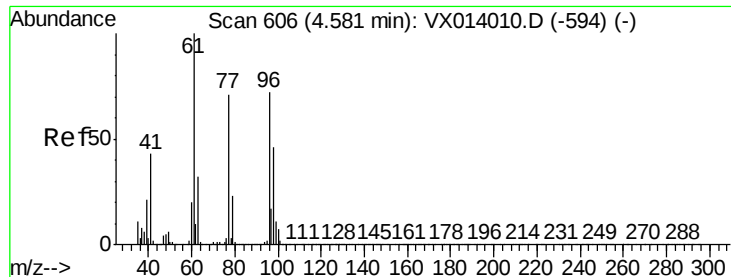
Tgt Ion: 77 Resp: 413445

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

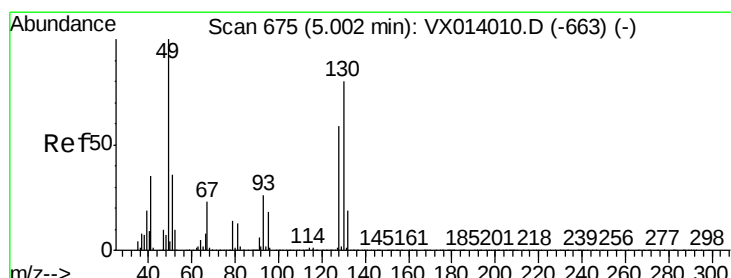
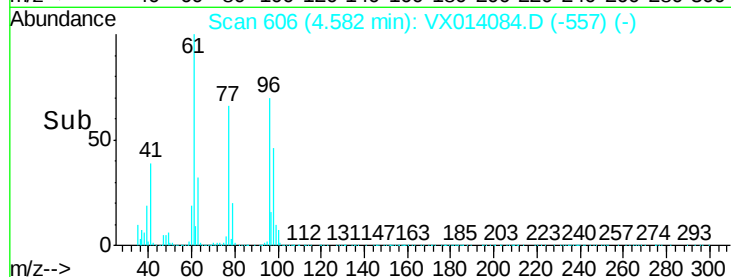
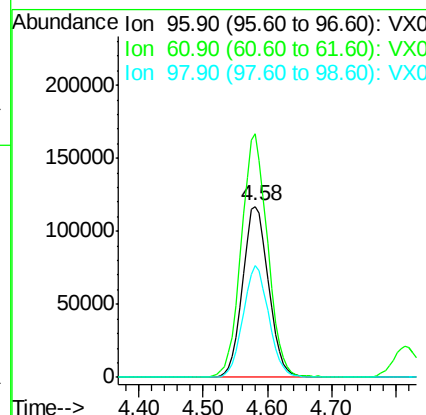
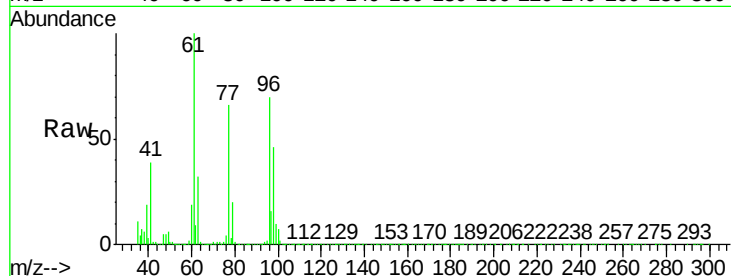
cis-1,2-Dichloroethene
Concen: 48.735 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.9	0.0	288.4	
98	64.6	0.0	129.6	

Manual Integrations
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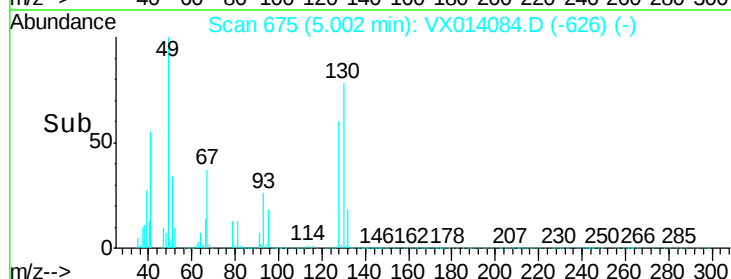
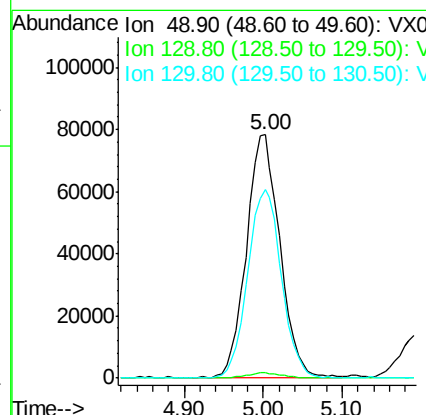
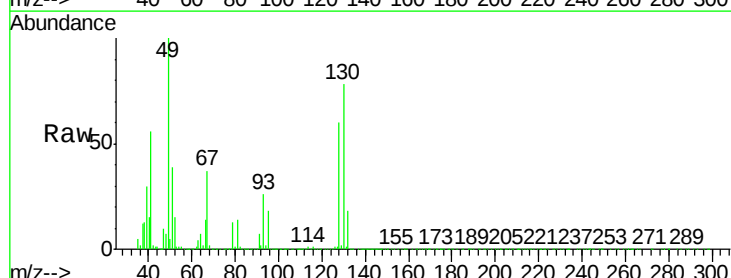
apatel
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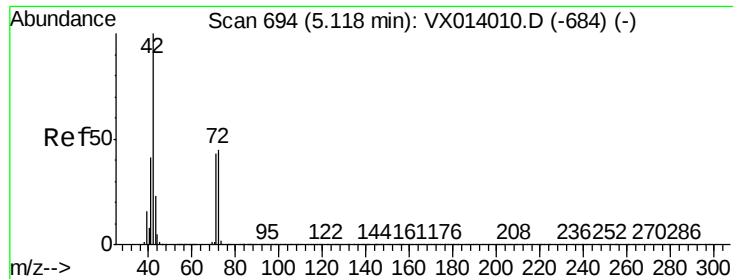


#28

Bromochloromethane
Concen: 55.964 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	78.2	64.6	97.0	





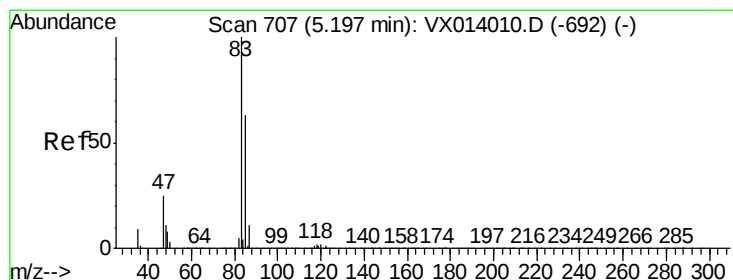
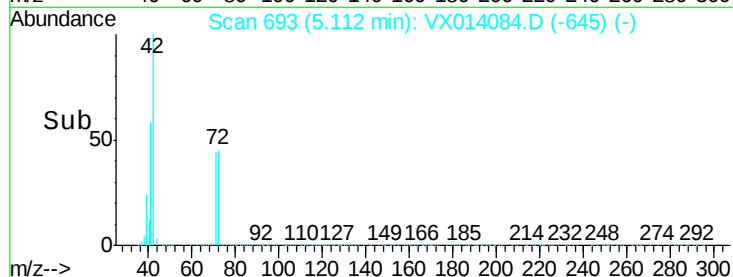
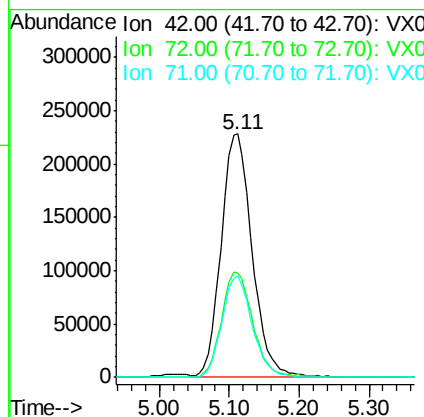
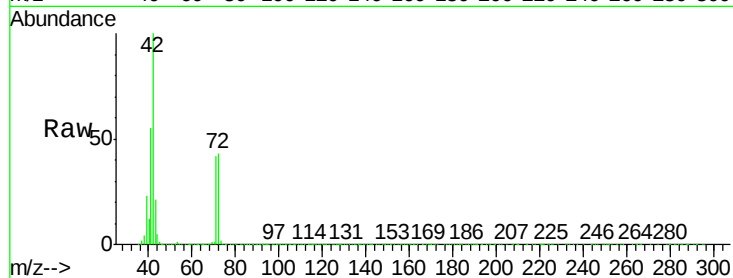
#29
Tetrahydrofuran
Concen: 245.517 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.8	53.8
71	40.9	33.6	50.4

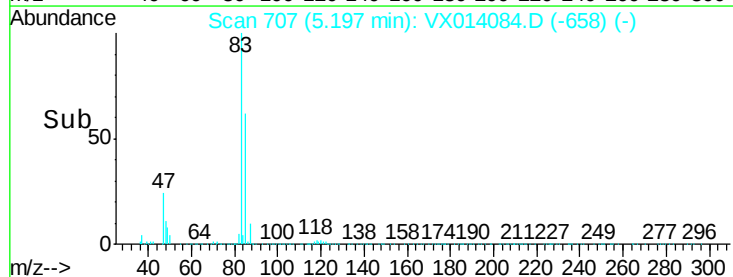
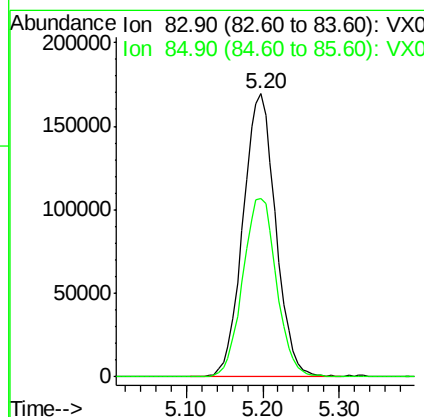
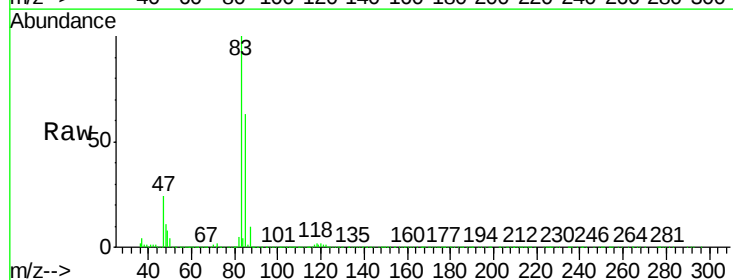
Manual Integrations
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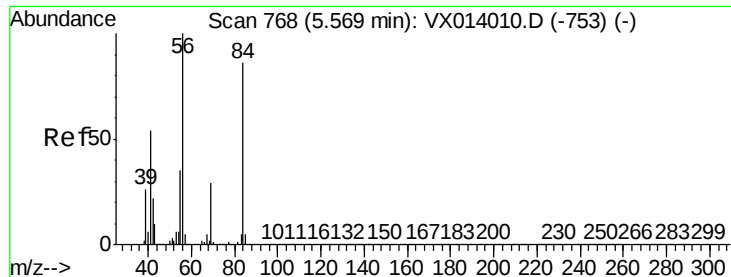
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#30
Chloroform
Concen: 49.592 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.8	76.2





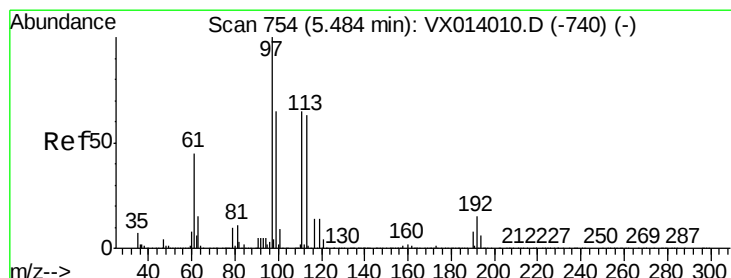
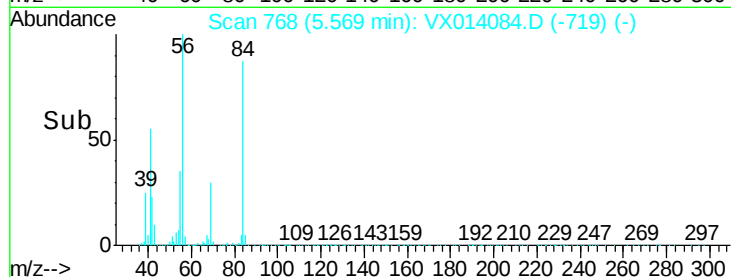
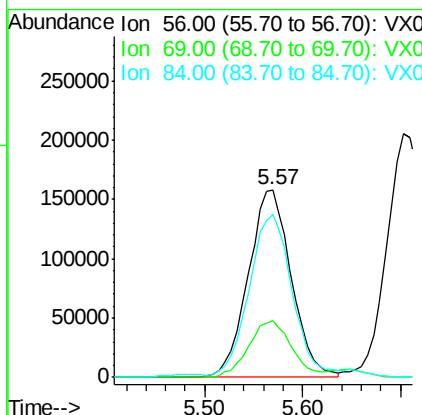
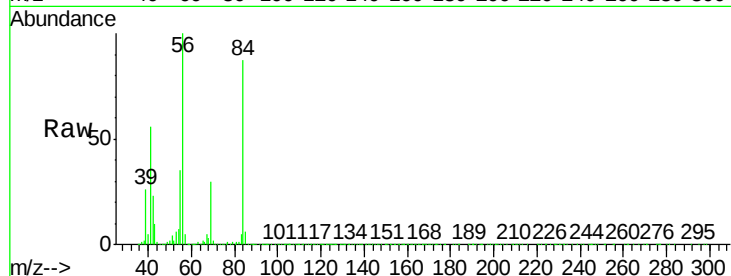
#31
Cyclohexane
Concen: 50.765 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.2	34.8
84	85.7	69.2	103.8

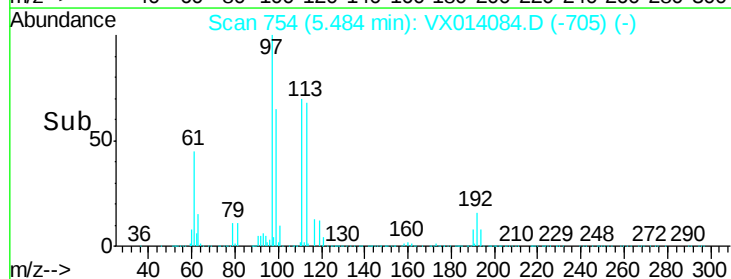
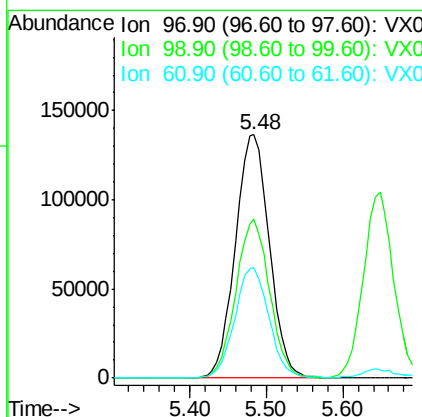
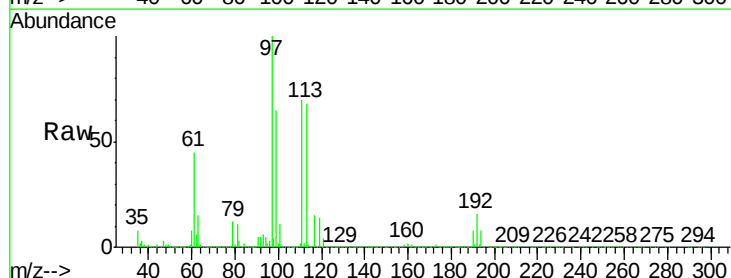
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#32
1,1,1-Trichloroethane
Concen: 48.958 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	45.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 50.915 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 323288

Ion Ratio Lower Upper

65 100

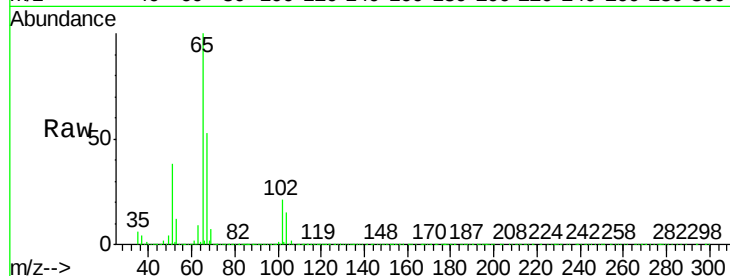
67 52.4 0.0 106.4

Manual Integrations

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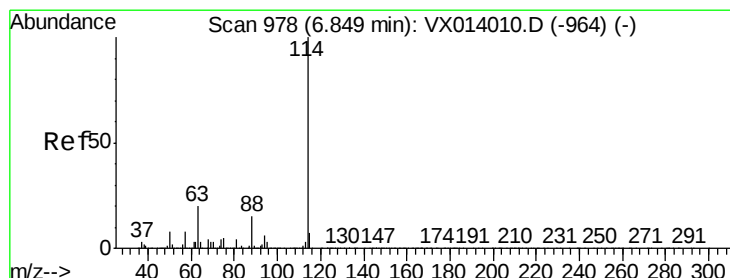
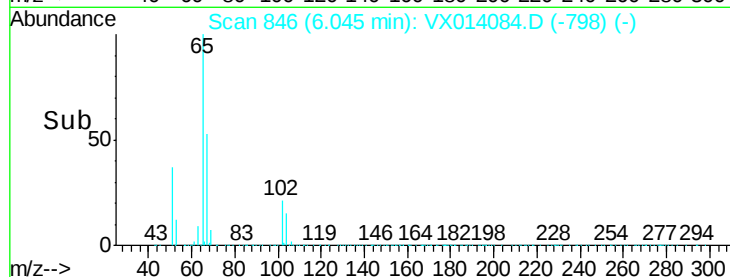
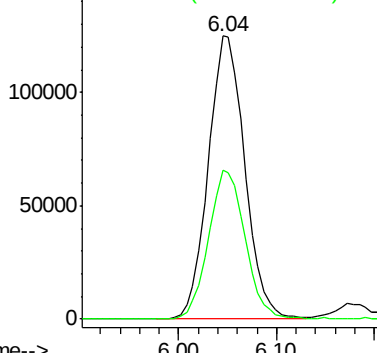
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

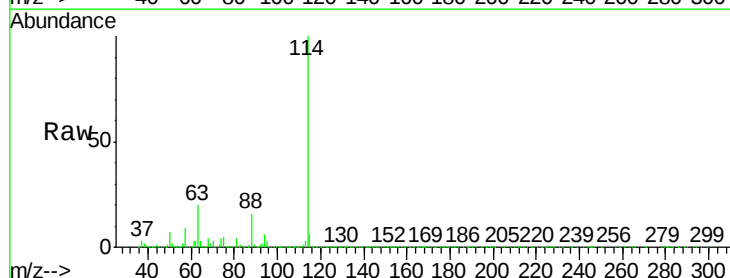
Tgt Ion: 114 Resp: 849275

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

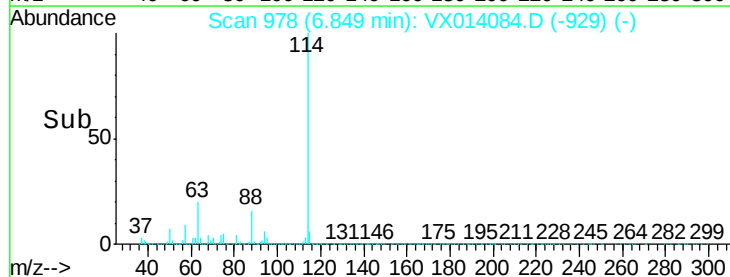
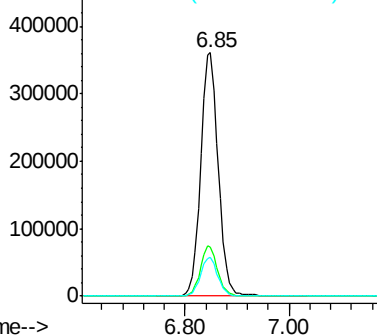
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





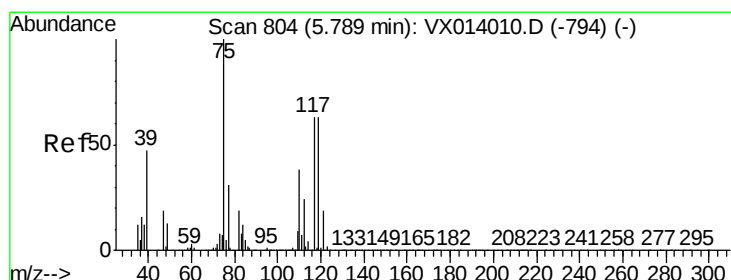
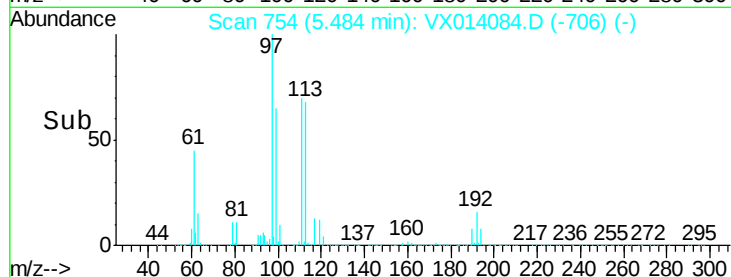
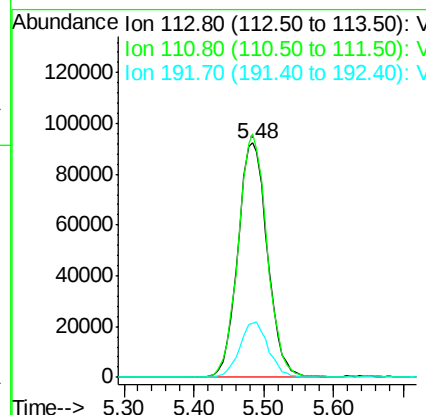
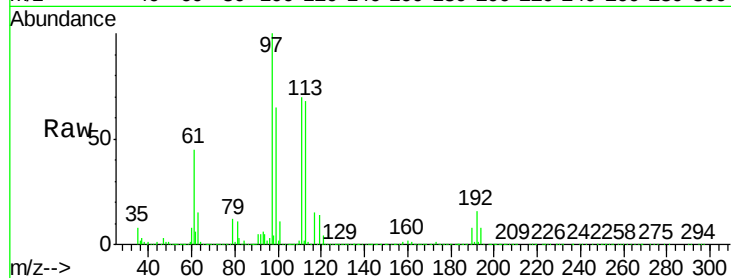
#35
Dibromofluoromethane
Concen: 52.382 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	270430		
111	101.7	82.0	123.0	
192	23.2	19.3	28.9	

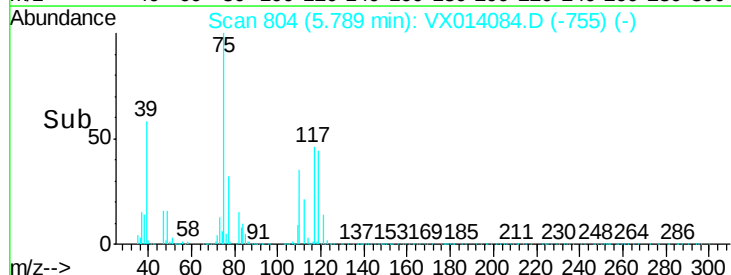
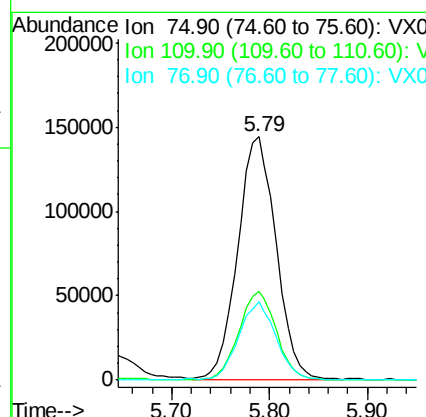
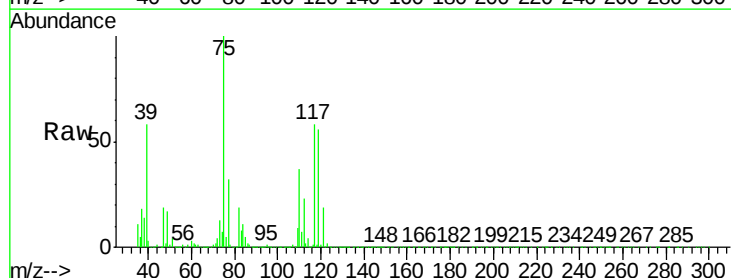
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#36
1,1-Dichloropropene
Concen: 50.212 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	391284		
110	36.1	18.3	54.9	
77	31.5	24.8	37.2	





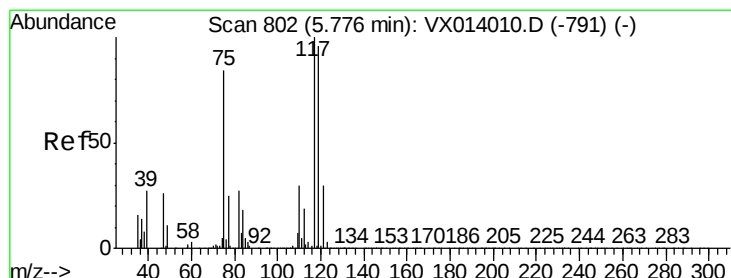
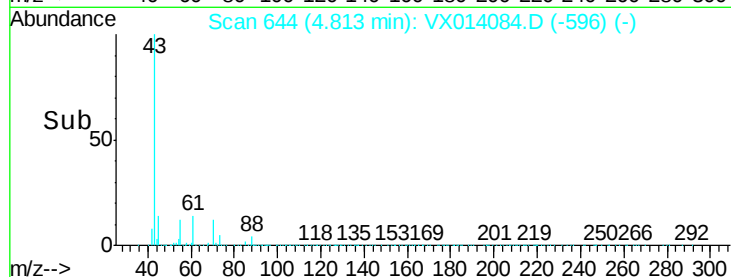
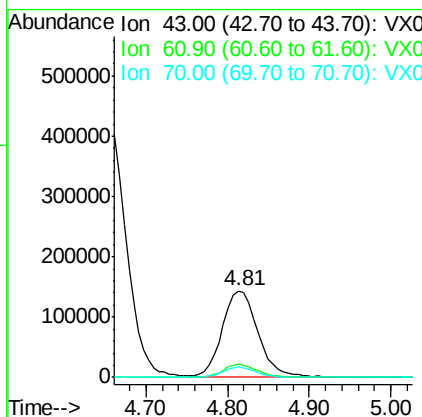
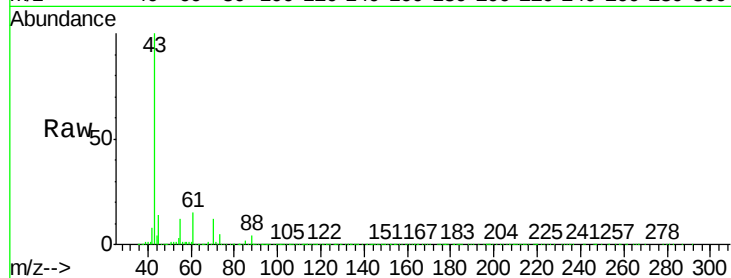
#37
Ethyl Acetate
Concen: 49.791 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.8	8.6	12.8

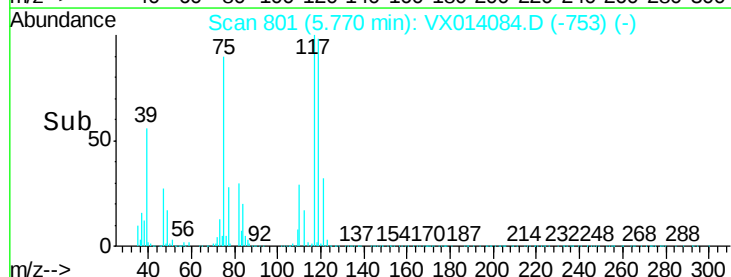
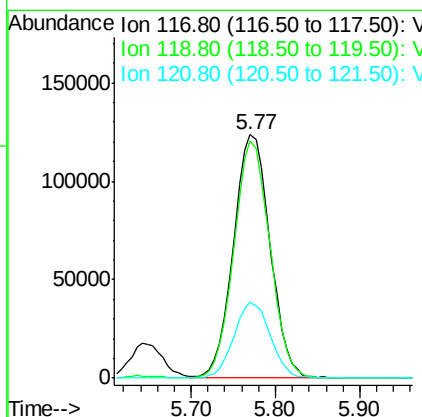
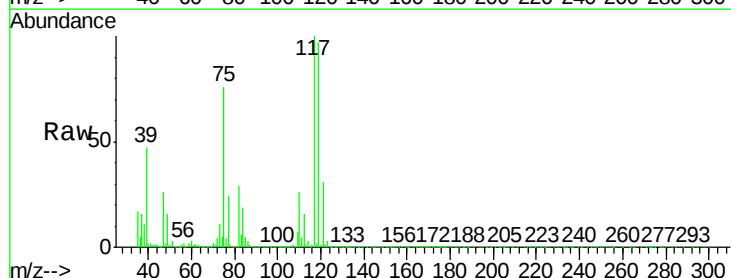
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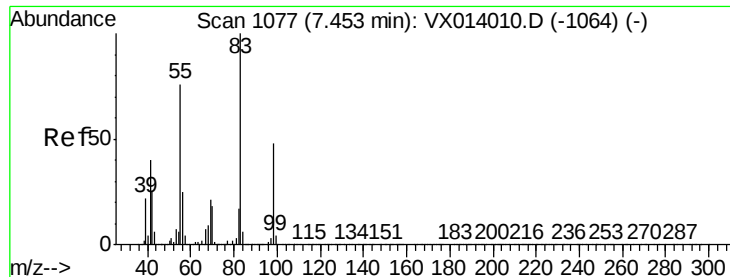
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#38
Carbon Tetrachloride
Concen: 51.058 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	31.0	23.6	35.4





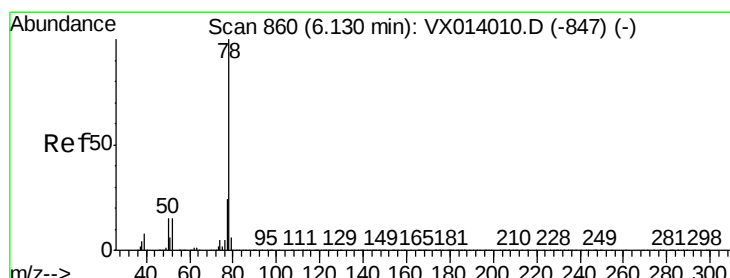
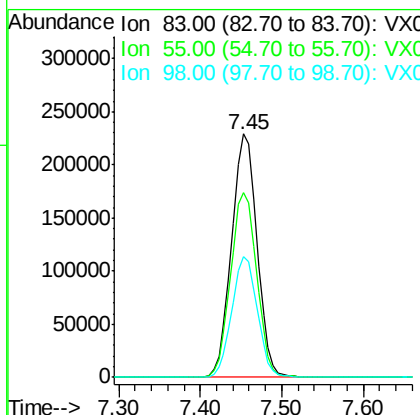
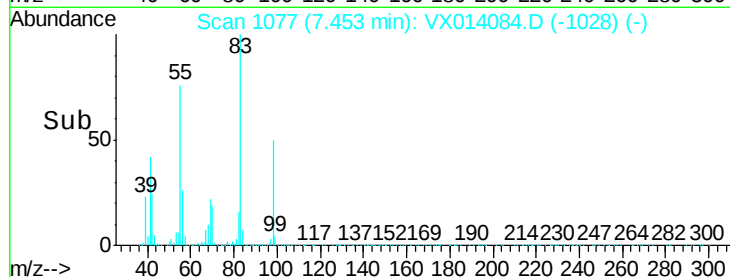
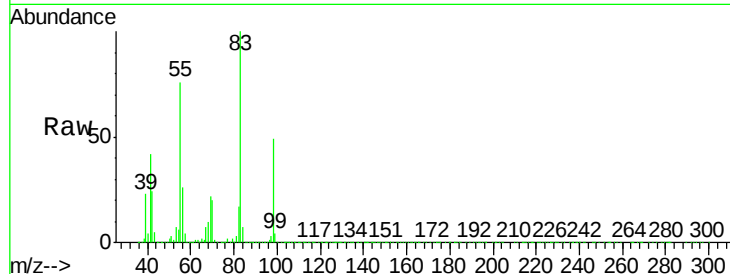
#39
Methvlcvclohexane
Concen: 51.029 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.0	91.6
98	49.5	38.6	57.8

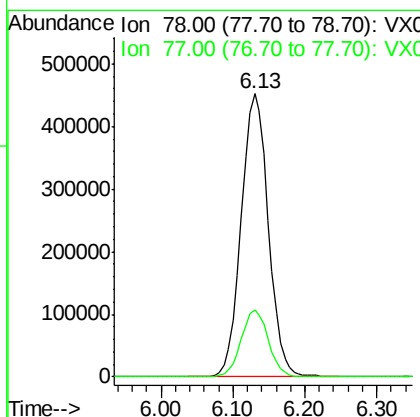
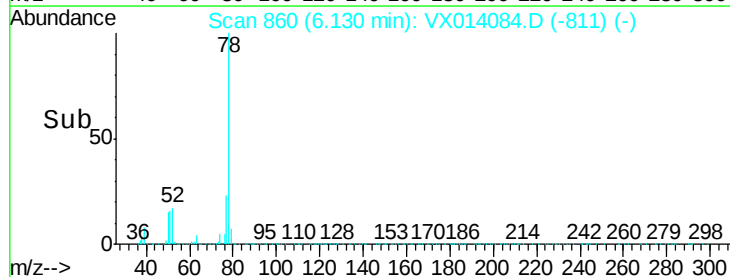
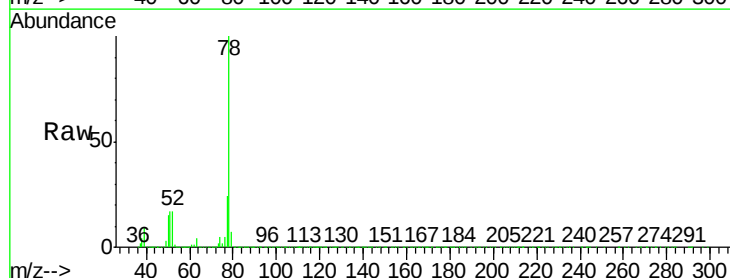
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#40
Benzene
Concen: 49.299 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





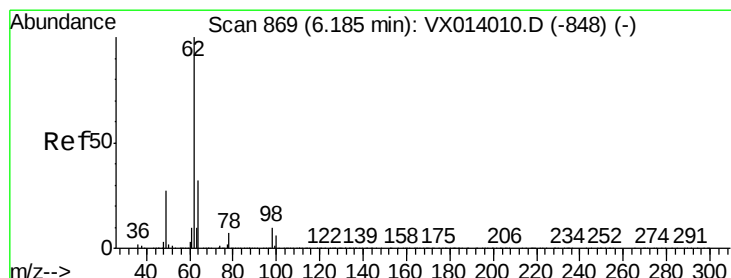
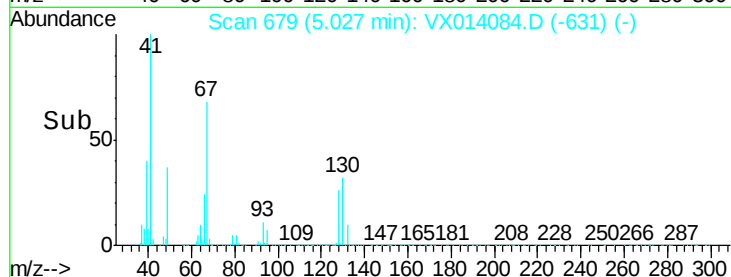
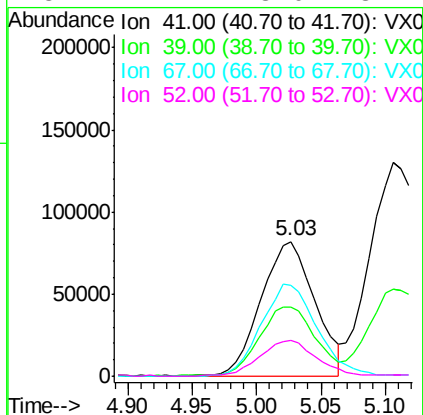
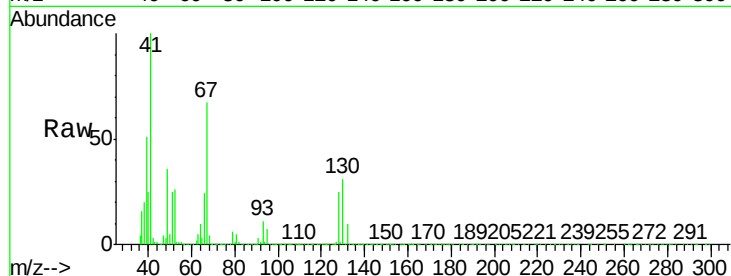
#41
Methacrylonitrile
Concen: 49.696 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.6	44.5	66.7		
67	71.1	57.4	86.0		
52	27.2	23.0	34.4		

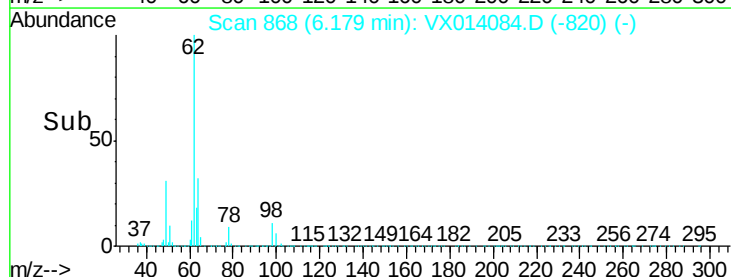
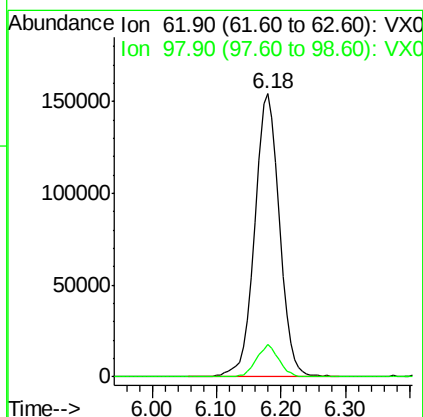
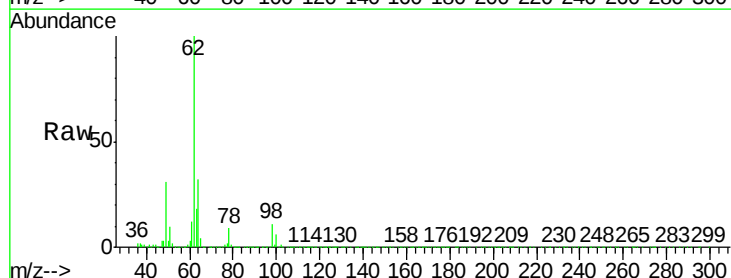
Manual Integrations
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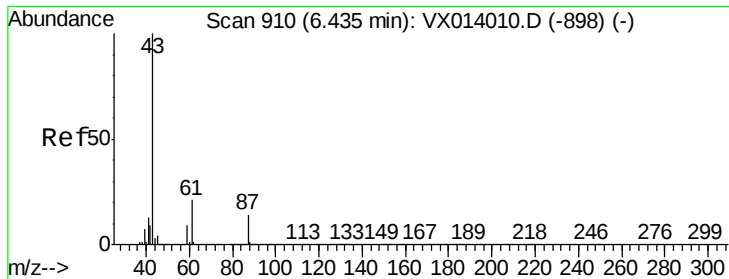
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#42
1,2-Dichloroethane
Concen: 49.792 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

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





#43

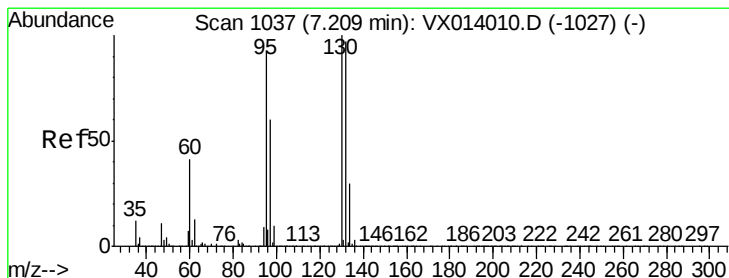
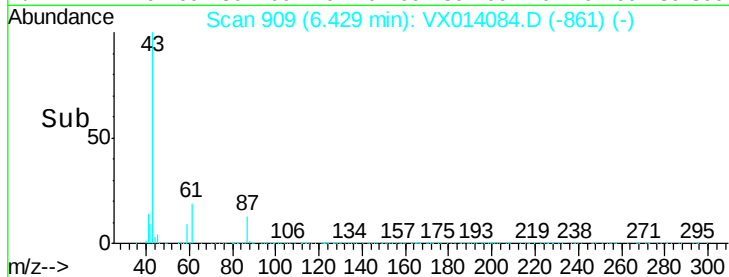
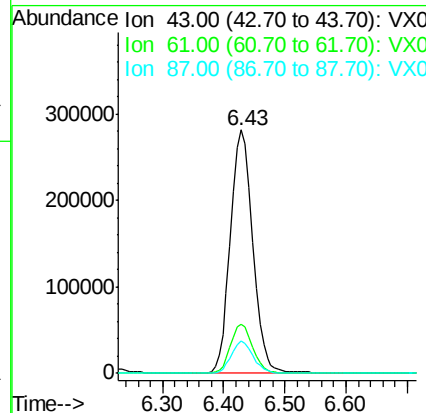
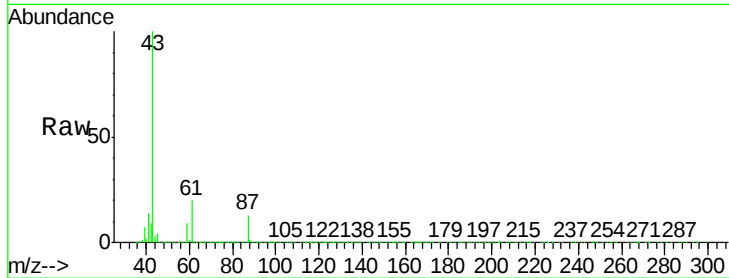
Isopropyl Acetate
 Concen: 49.696 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.0	10.7	16.1

Manual Integrations
 APPROVED

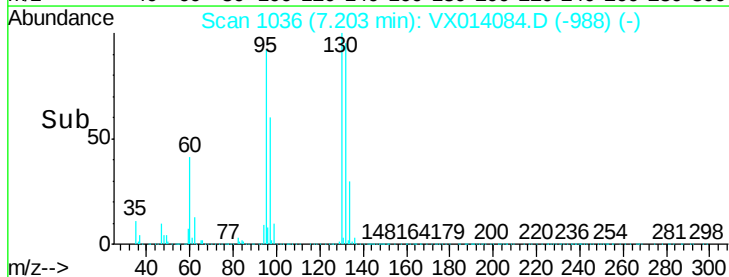
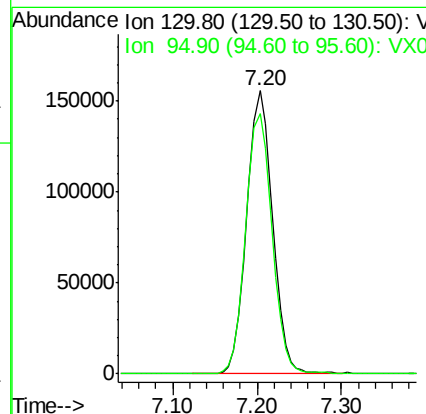
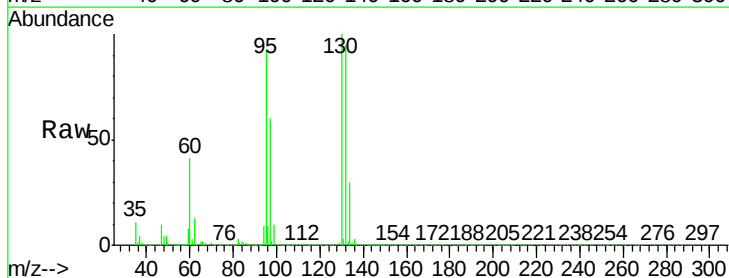
apatel
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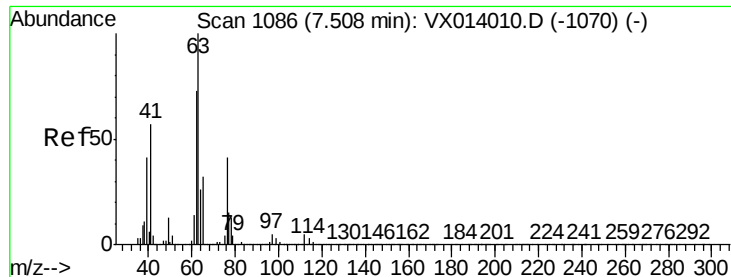


#44

Trichloroethene
 Concen: 48.543 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 49.880 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tot Ion: 63 Resp: 306538

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.8

Instrument :

MSVOA_X

ClientSampleId :

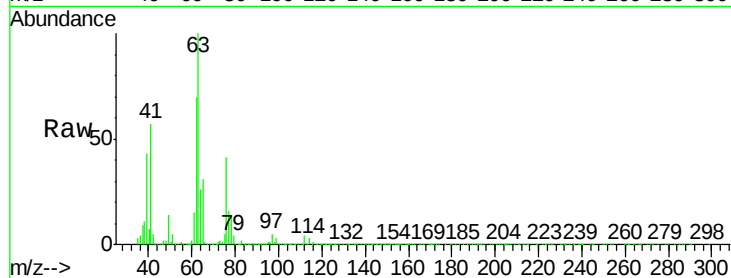
VSTDCCC050

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

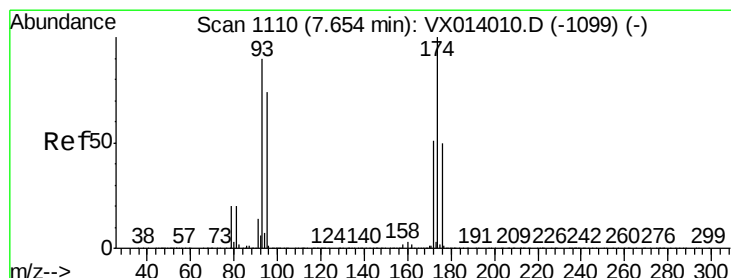
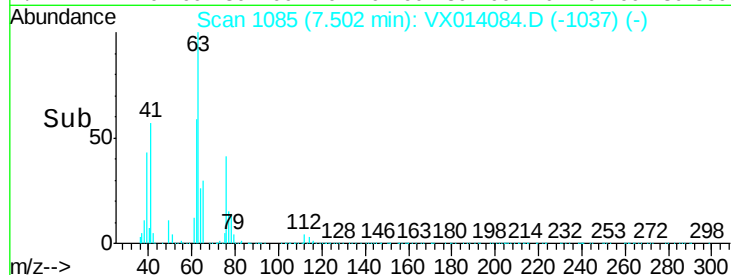
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.946 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

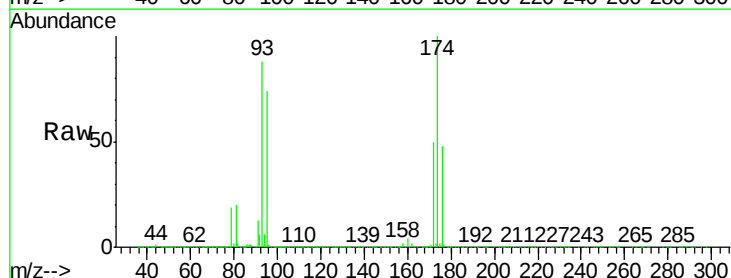
Tgt Ion: 93 Resp: 198871

Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

174 112.6 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

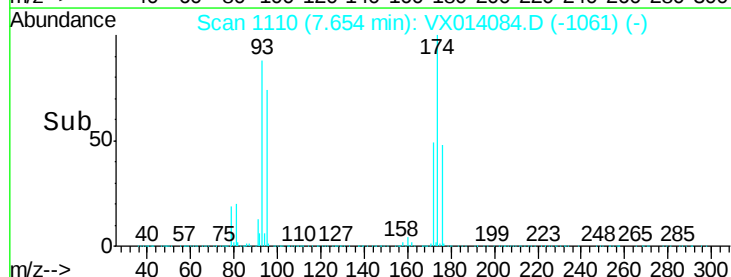
150000

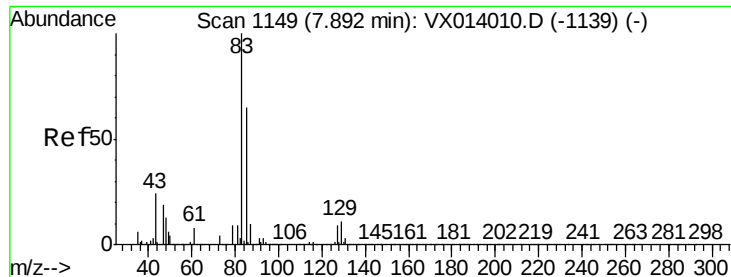
100000

50000

0

Time-->





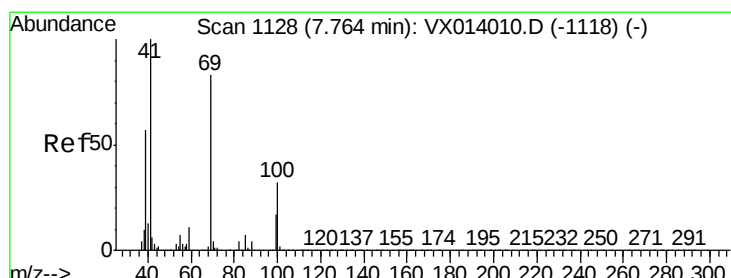
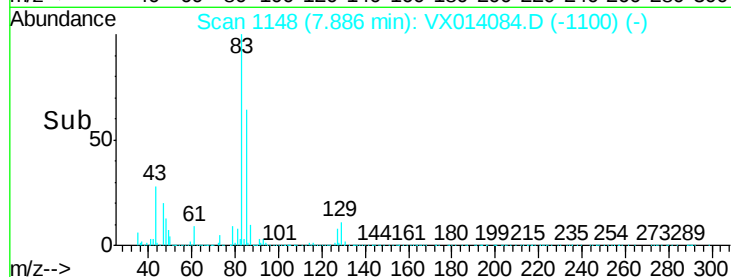
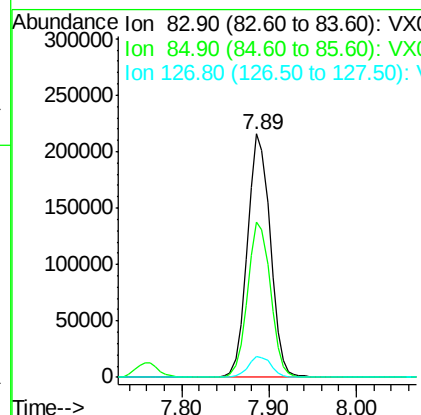
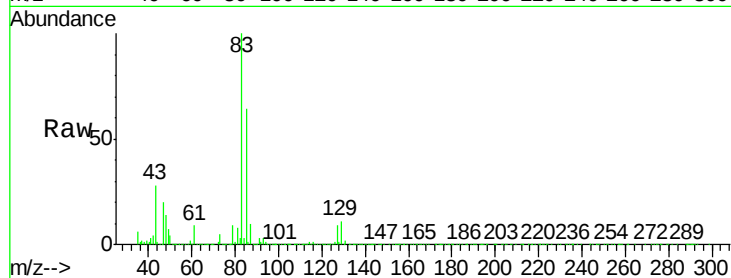
#47
Bromodichloromethane
Concen: 51.177 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	391620		
85	63.8	51.8	77.8	
127	8.5	7.0	10.4	

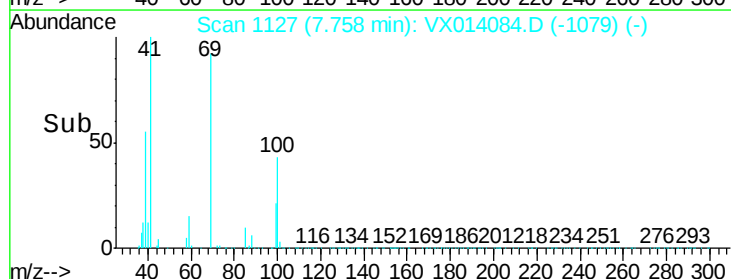
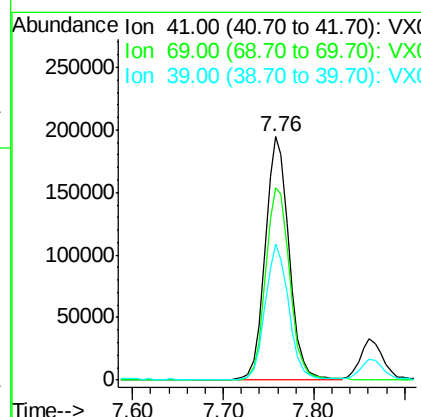
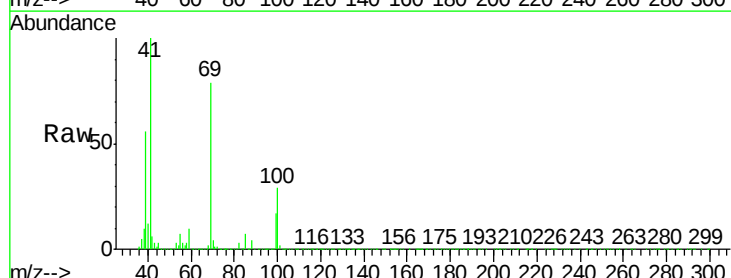
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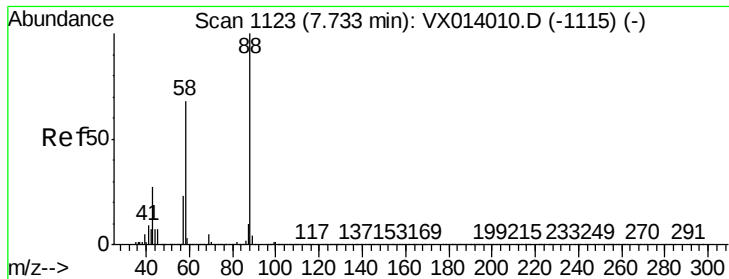
apatel
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#48
Methyl methacrylate
Concen: 50.373 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	351274		
69	80.6	65.8	98.6	
39	55.0	44.6	67.0	





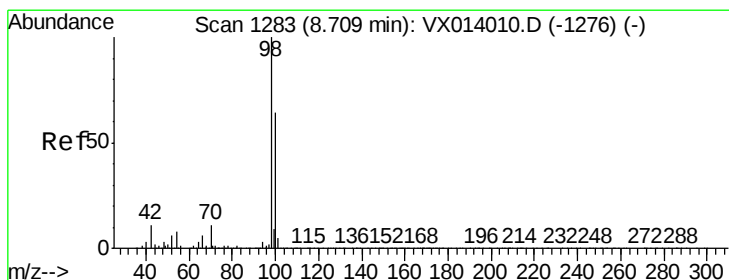
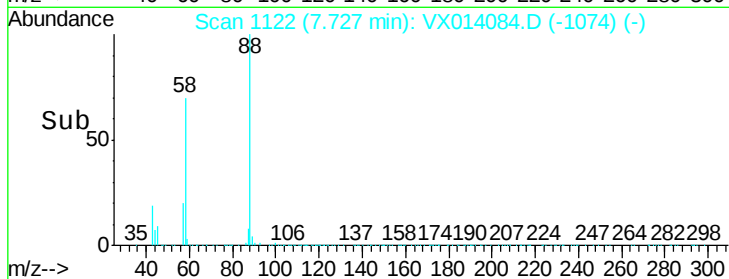
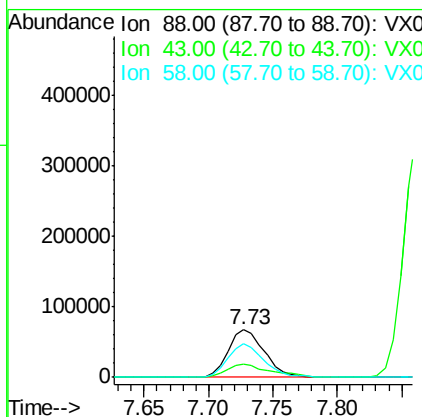
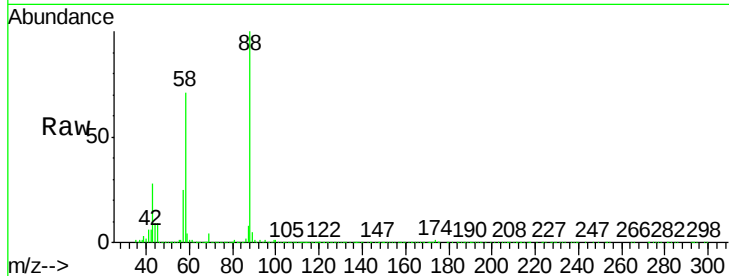
#49
1,4-Dioxane
Concen: 923.961 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.5	39.7
58	70.0	56.8	85.2

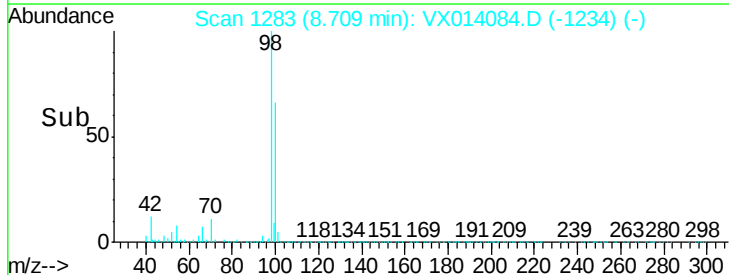
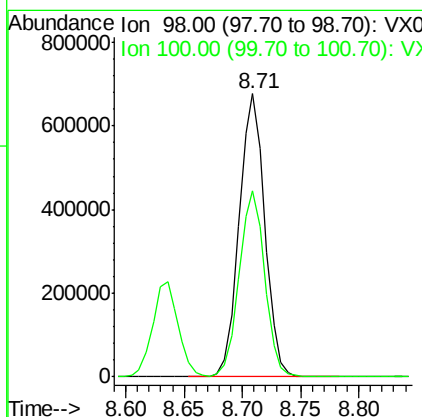
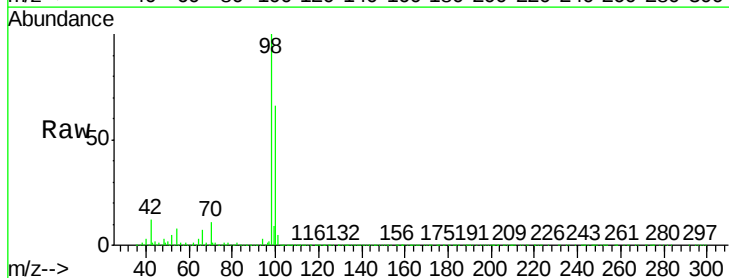
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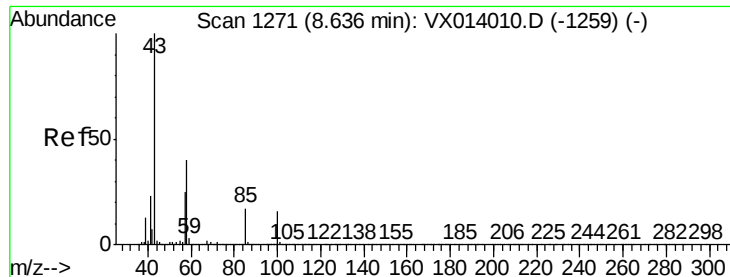
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#50
Toluene-d8
Concen: 51.479 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 243.666 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tot Ion: 43 Resp: 2179283

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2

Instrument :

MSVOA_X

ClientSampleId :

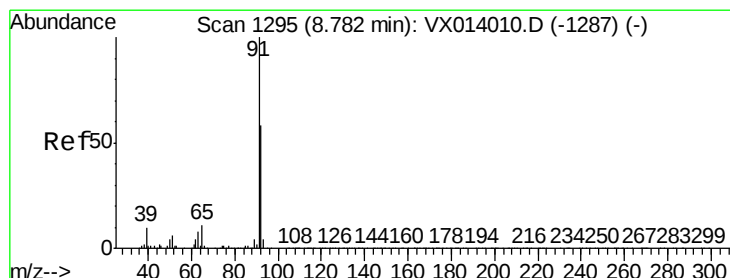
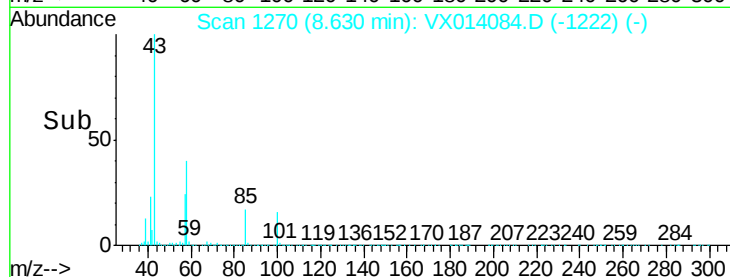
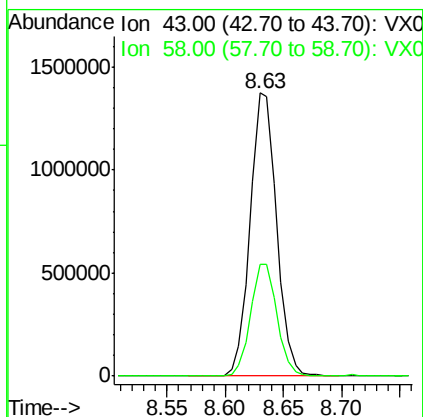
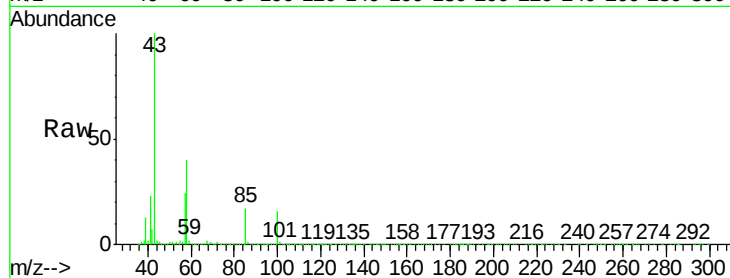
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#52

Toluene

Concen: 48.805 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014084.D

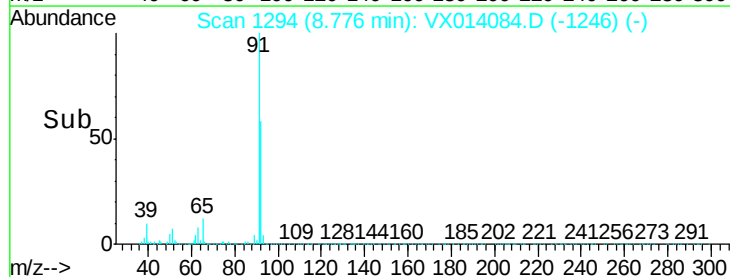
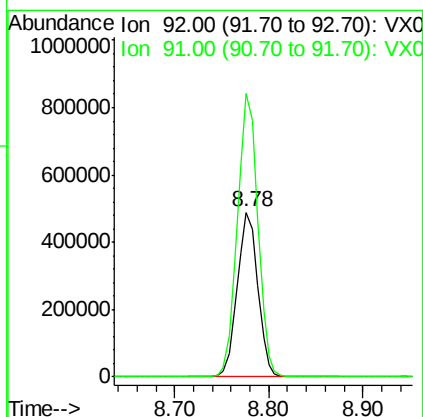
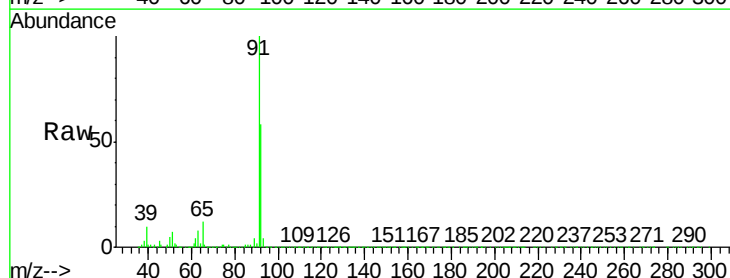
Acq: 18 Dec 2019 09:57

Tgt Ion: 92 Resp: 739637

Ion Ratio Lower Upper

92 100

91 172.1 136.2 204.4





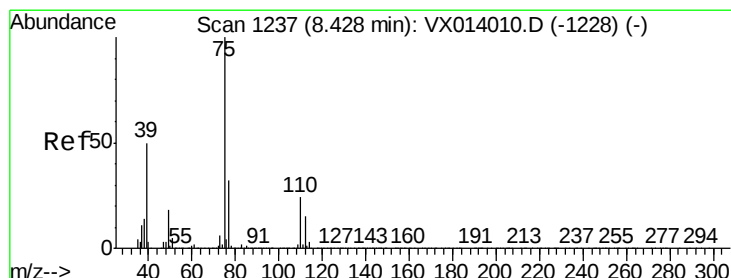
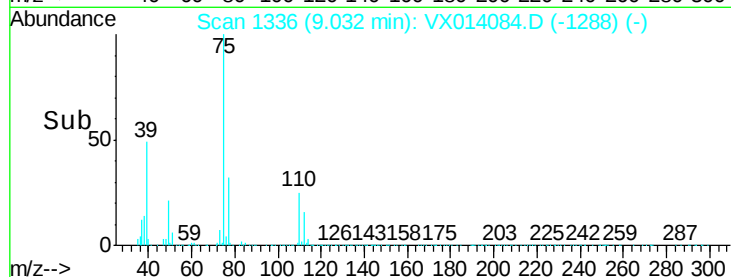
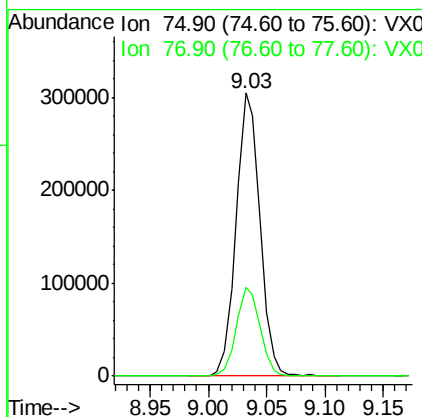
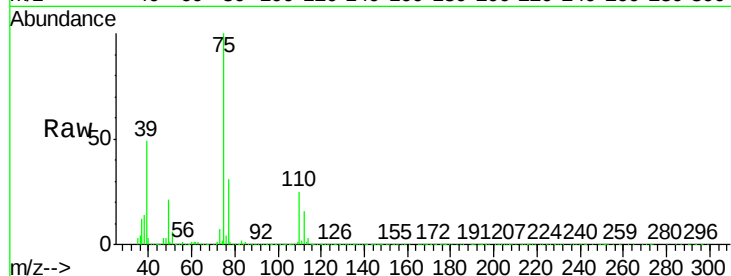
#53
t-1,3-Dichloropropene
Concen: 51.802 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

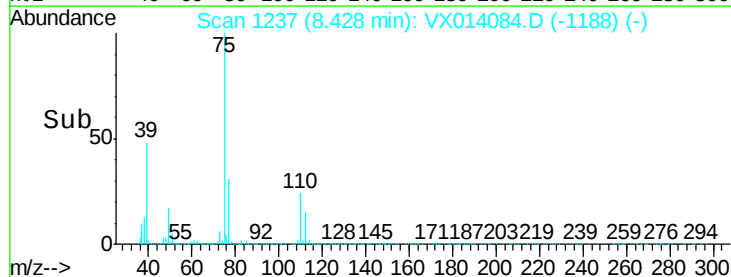
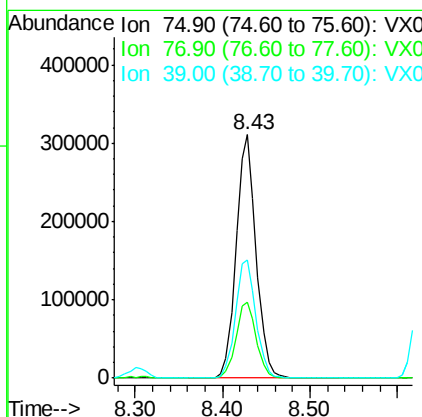
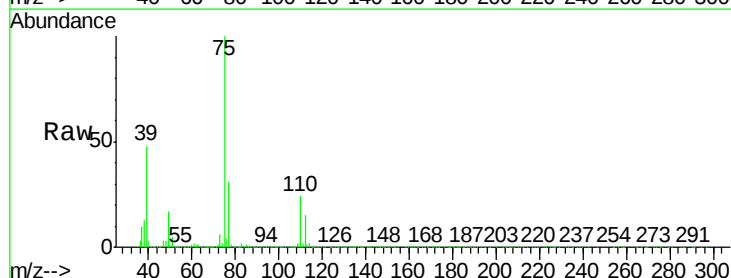
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#54
cis-1,3-Dichloropropene
Concen: 52.679 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9
39	48.1	39.9	59.9





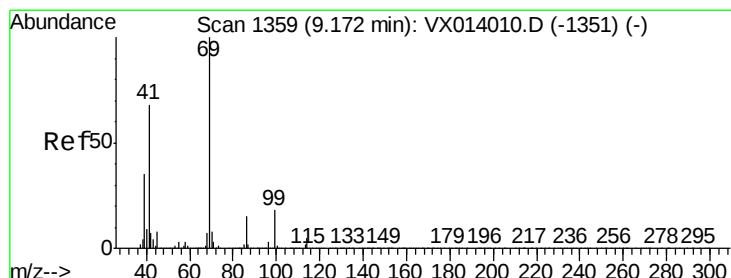
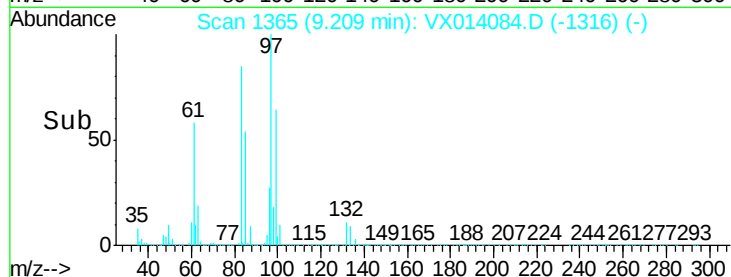
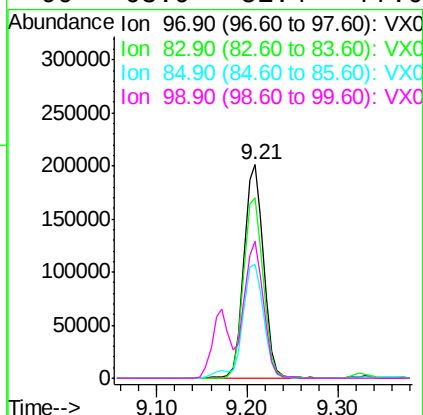
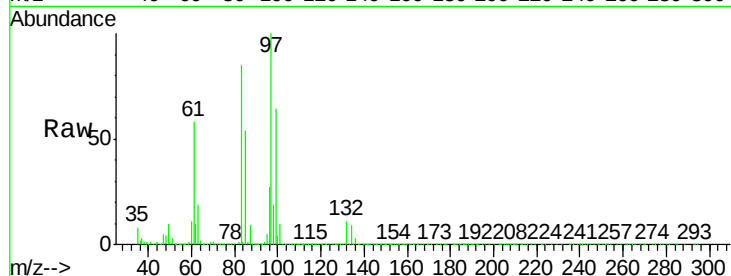
#55
 1,1,2-Trichloroethane
 Concen: 49.519 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300778		
83	84.6	68.2	102.4		
85	53.5	44.6	66.8		
99	63.9	51.4	77.0		

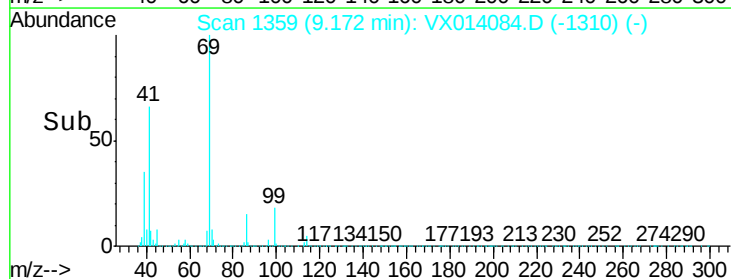
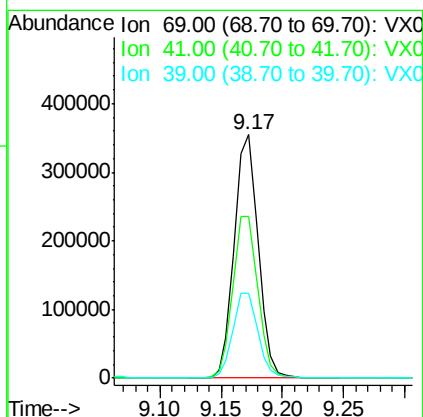
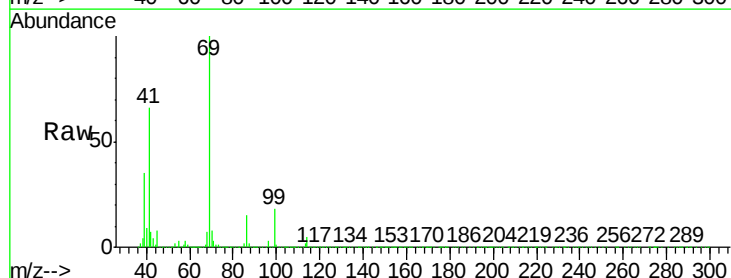
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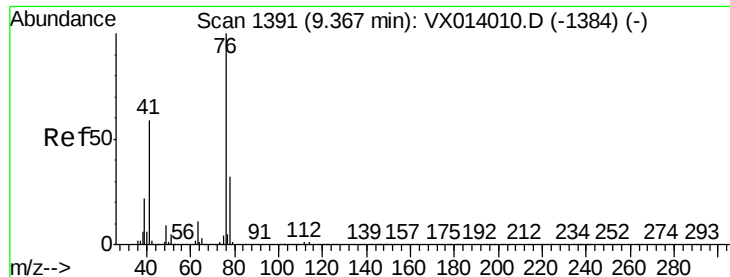
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 12/19/2019 11:50:53 AM



#56
 Ethyl methacrylate
 Concen: 50.225 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		479207		
41	69.1	54.8	82.2		
39	36.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.009 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 511061

Ion Ratio Lower Upper

76 100

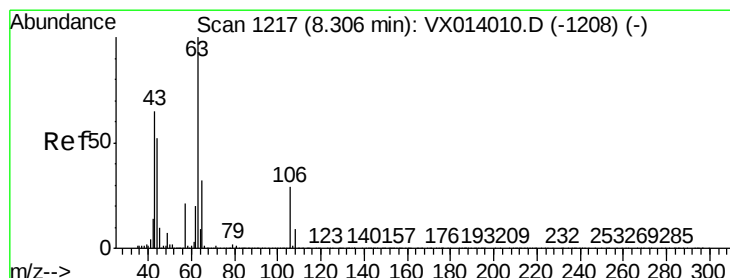
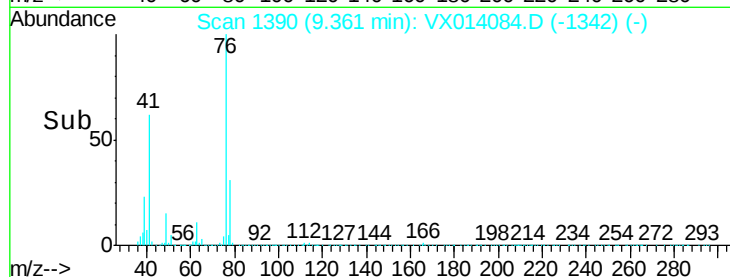
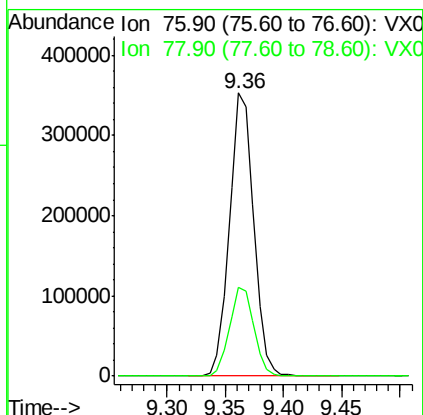
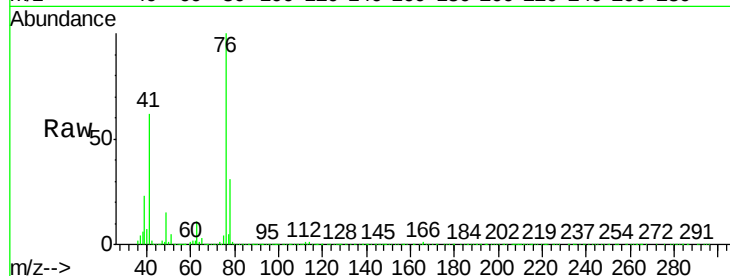
78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 270.538 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014084.D

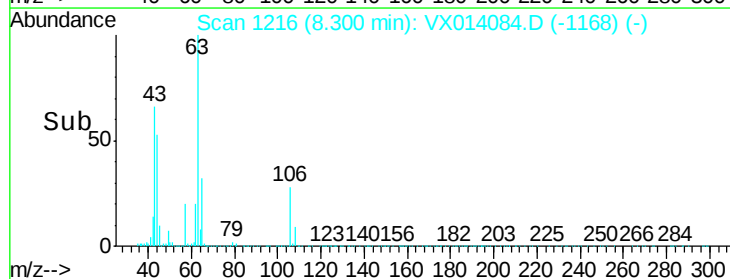
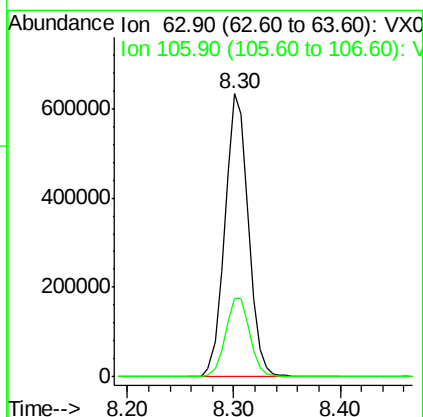
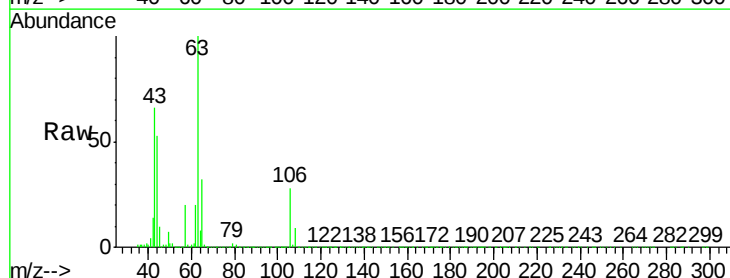
Acq: 18 Dec 2019 09:57

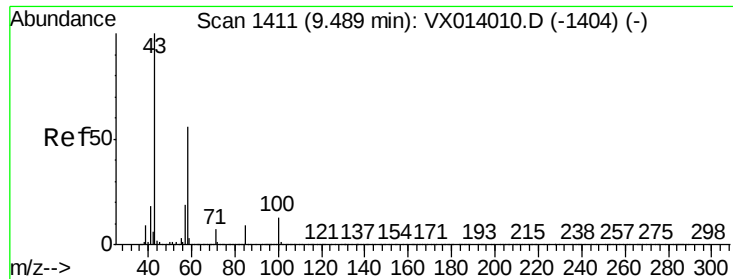
Tgt Ion: 63 Resp: 976843

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





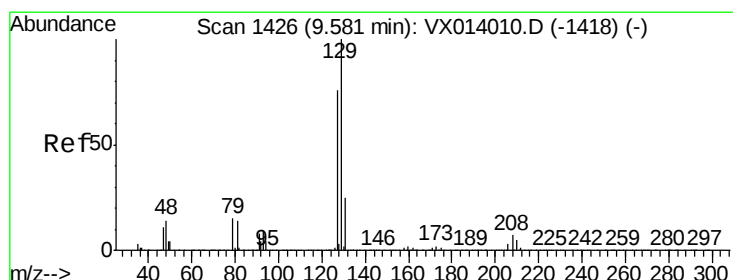
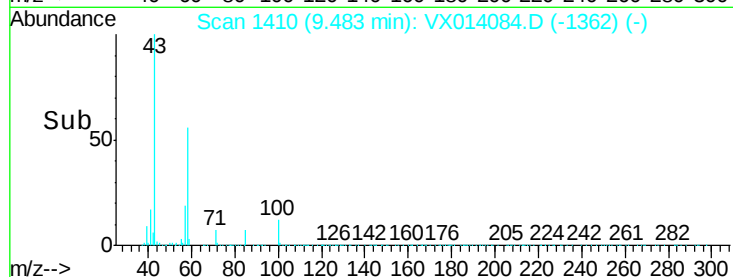
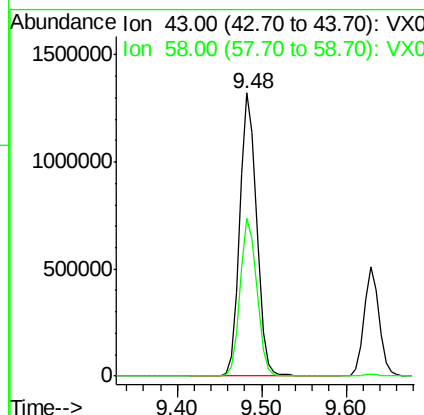
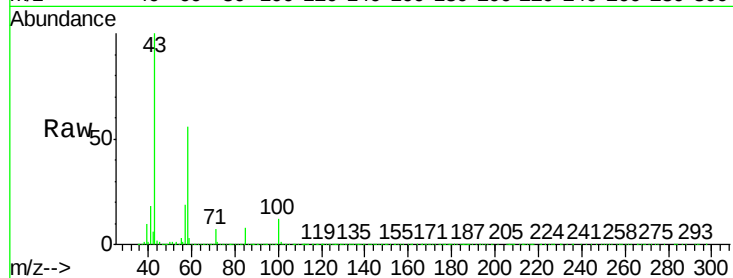
#59
2-Hexanone
Concen: 244.709 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1761838
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0

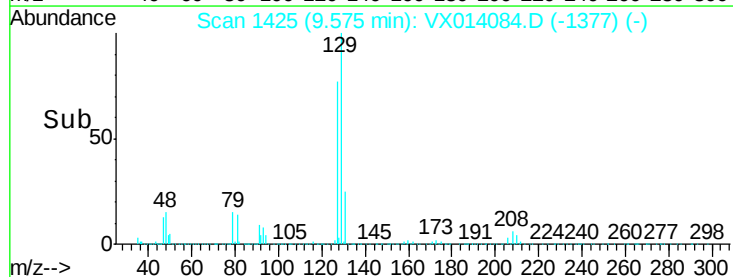
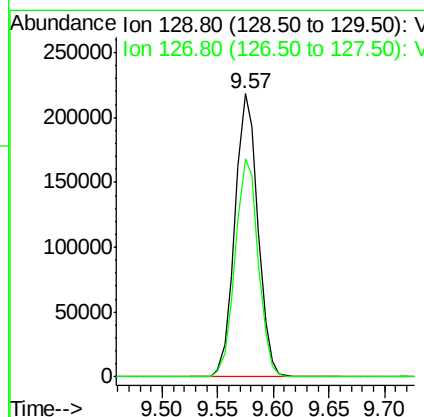
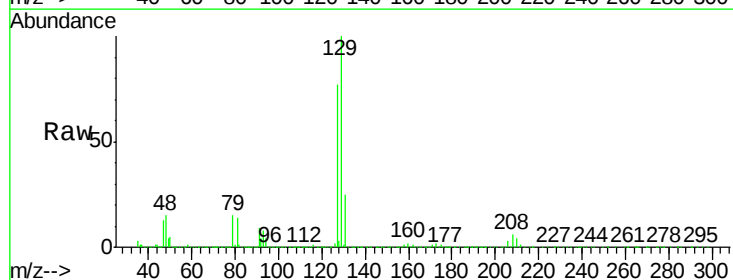
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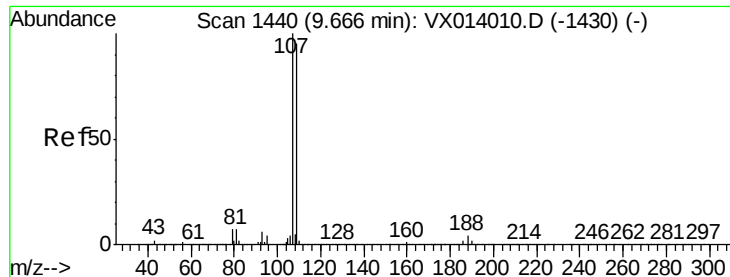
apatel
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#60
Dibromochloromethane
Concen: 51.727 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion: 129 Resp: 312304
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.596 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 314436

Ion Ratio Lower Upper

107 100

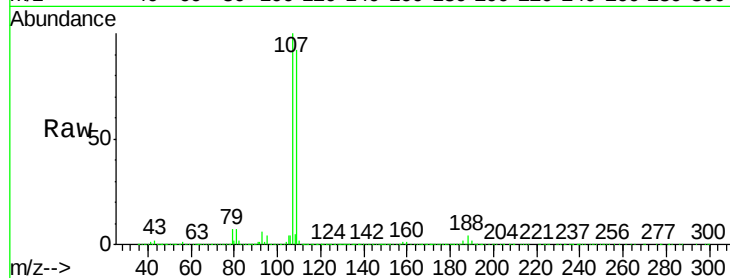
109 92.7 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

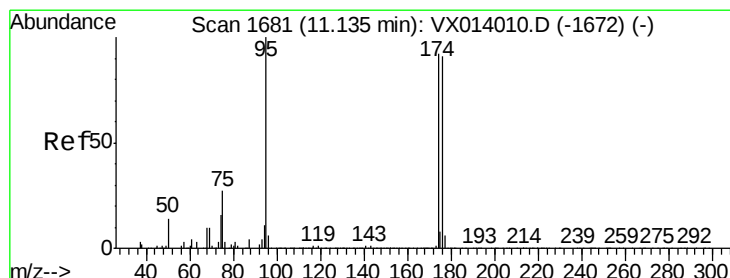
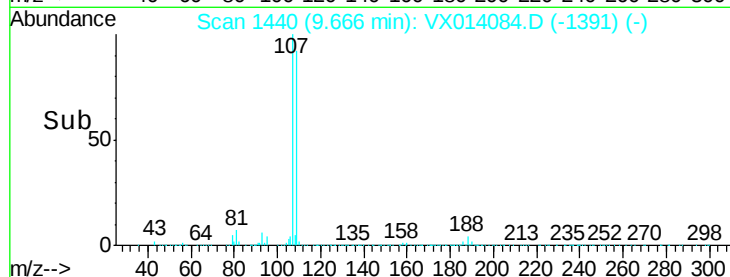
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.123 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

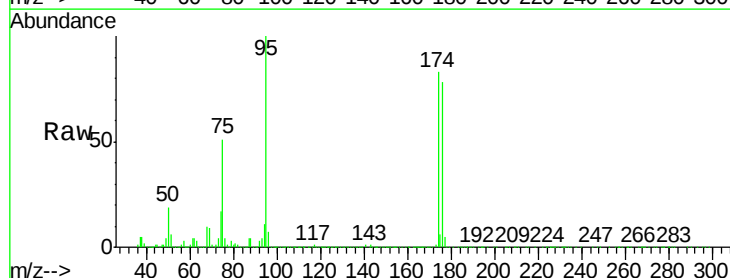
Tgt Ion: 95 Resp: 375613

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 84.4 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

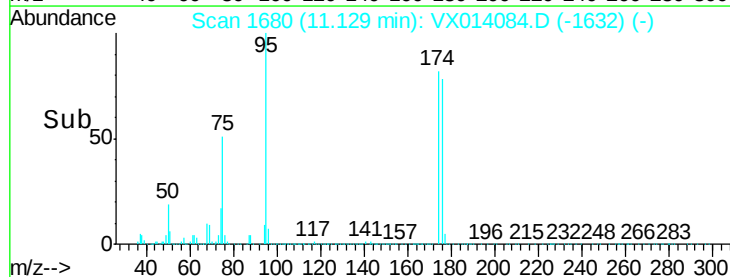
300000

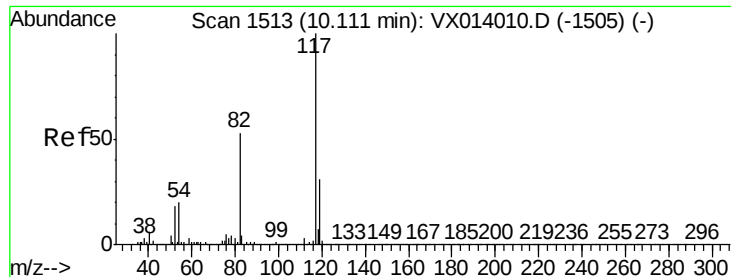
200000

100000

0

Time--> 11.00 11.10 11.20





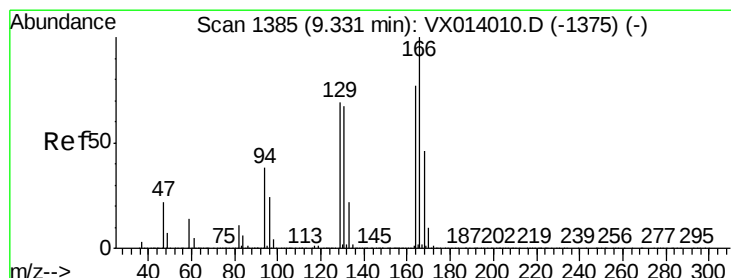
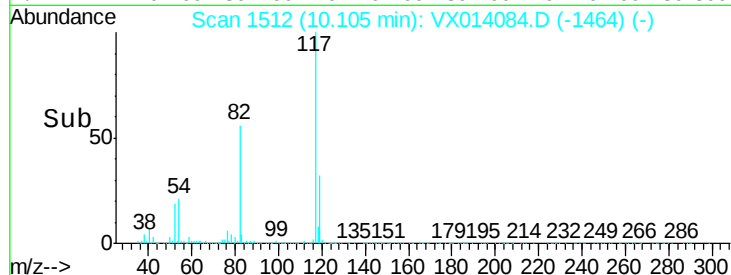
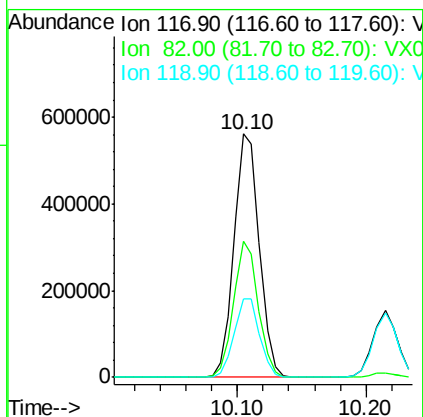
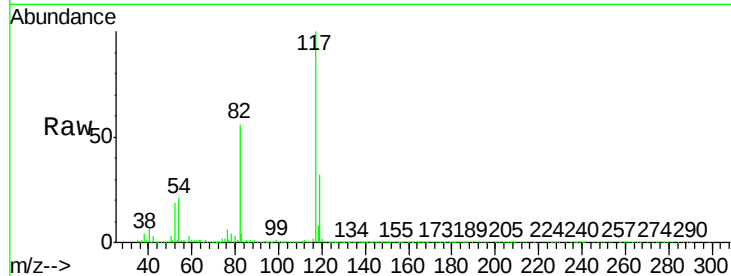
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.7	42.2	63.4
119	32.0	25.1	37.7

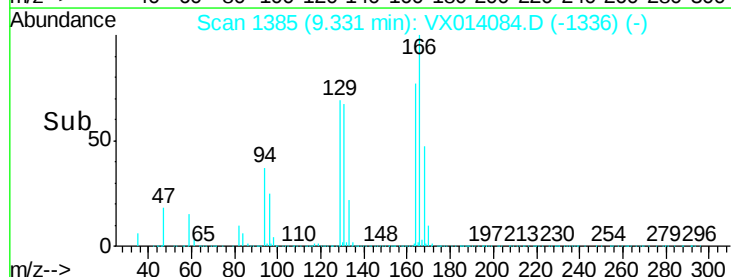
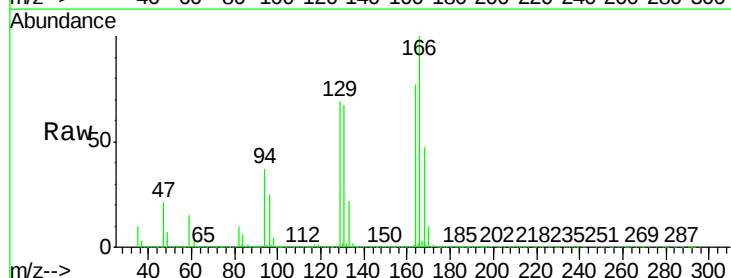
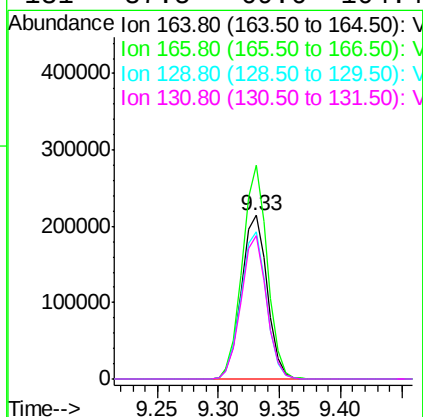
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#64
Tetrachloroethene
Concen: 46.167 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	130.5	104.0	156.0
129	89.8	72.2	108.4
131	87.5	69.6	104.4





#65

Chlorobenzene

Concen: 49.108 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 800674

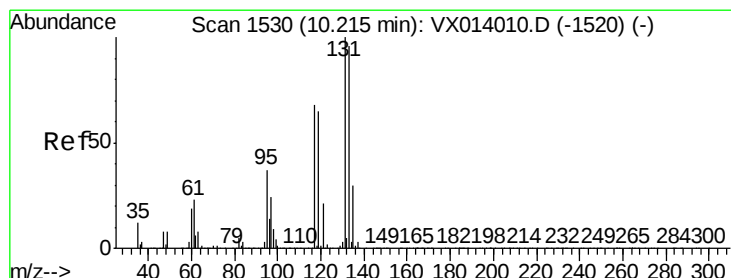
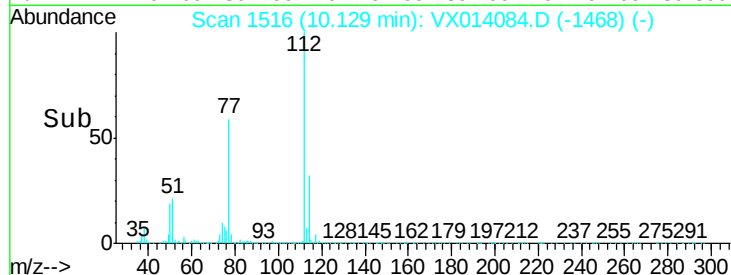
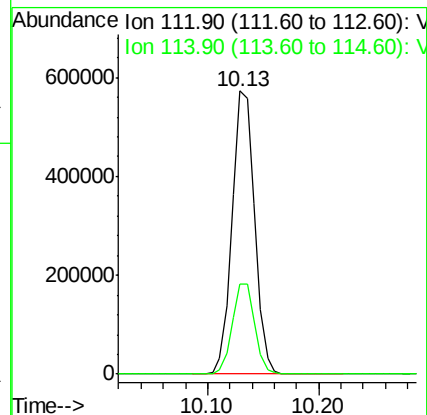
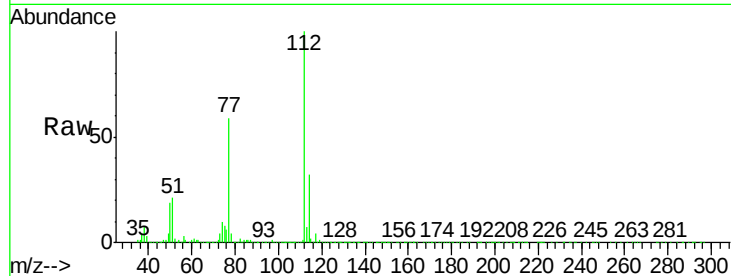
Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.473 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

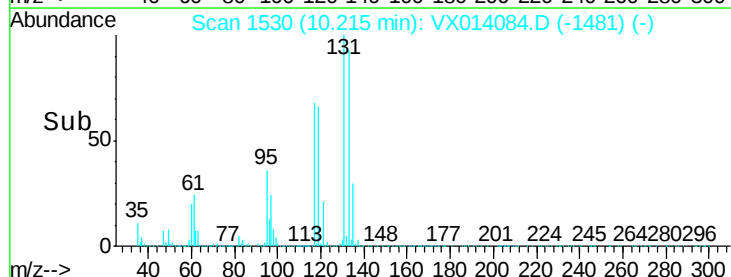
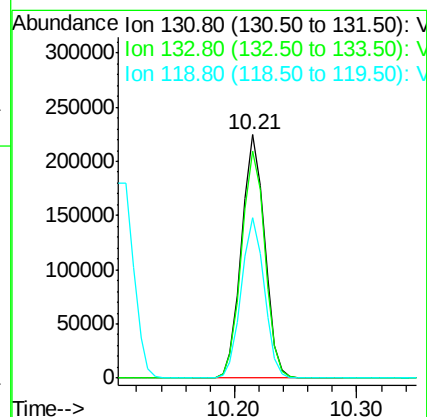
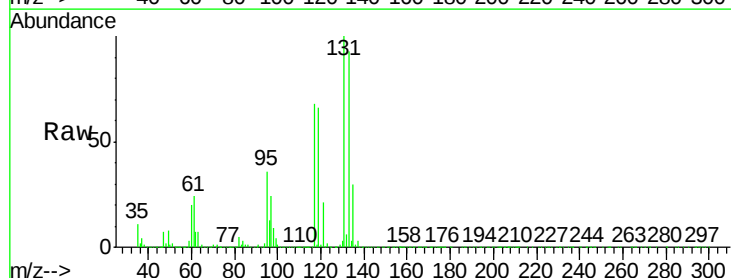
Tgt Ion:131 Resp: 293829

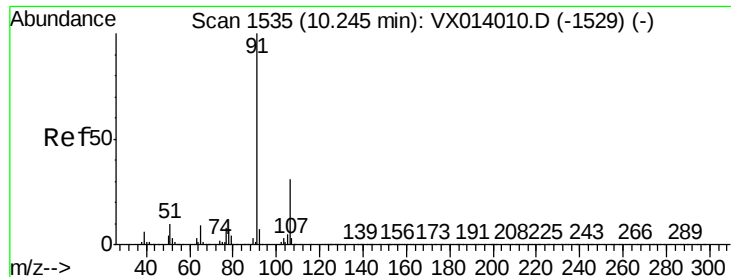
Ion Ratio Lower Upper

131 100

133 94.1 48.0 144.0

119 65.4 33.4 100.2





#67

Ethyl Benzene

Concen: 50.579 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1417760

Ion Ratio Lower Upper

91 100

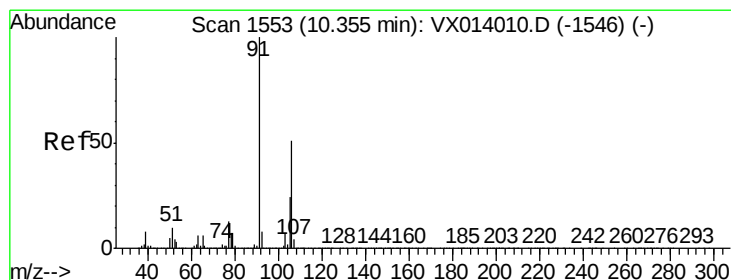
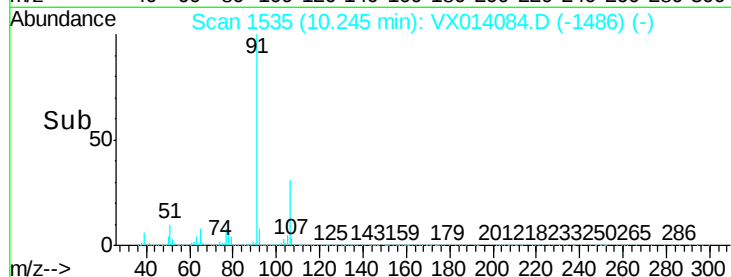
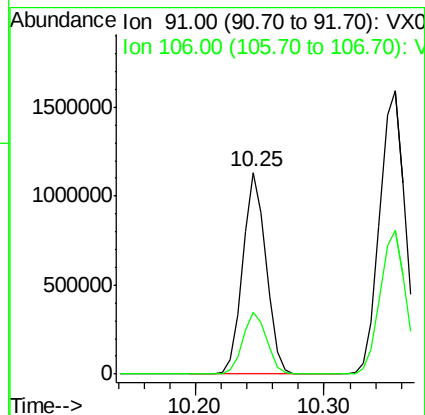
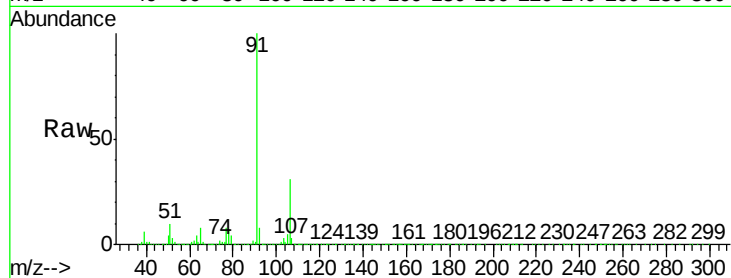
106 30.6 25.0 37.6

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#68

m/p-Xylenes

Concen: 100.792 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014084.D

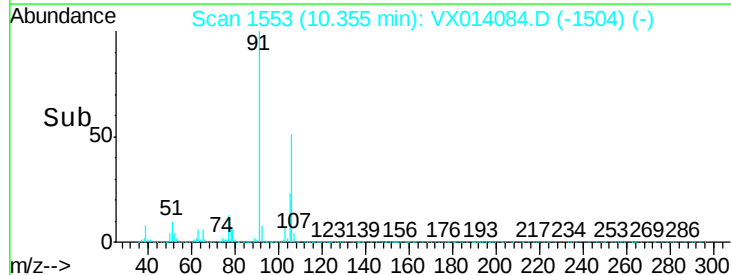
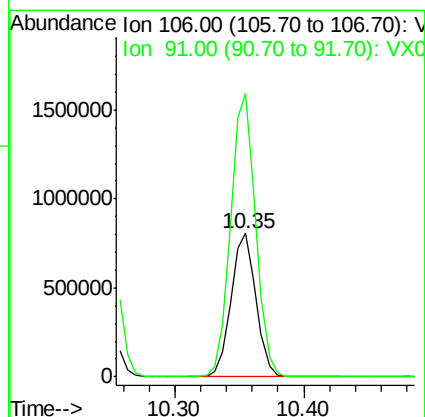
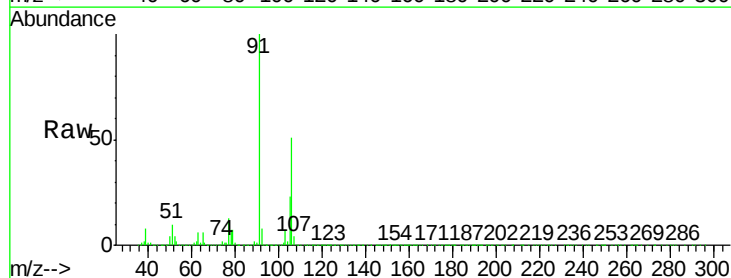
Acq: 18 Dec 2019 09:57

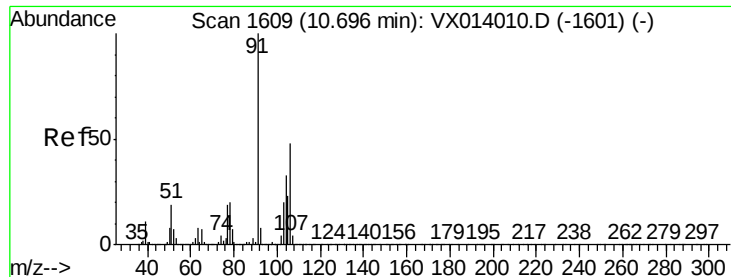
Tgt Ion: 106 Resp: 1086647

Ion Ratio Lower Upper

106 100

91 198.9 158.6 238.0





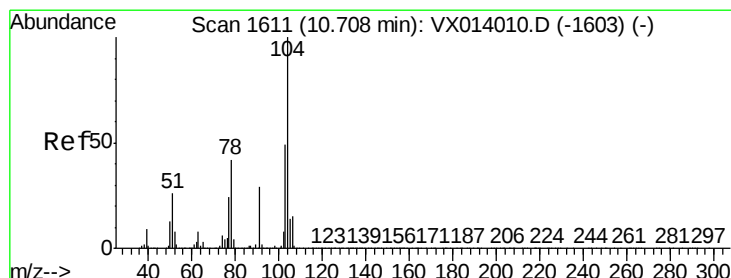
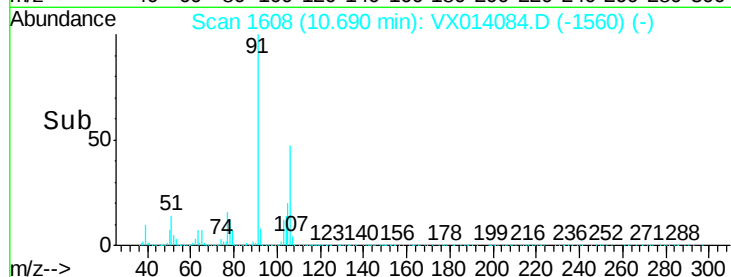
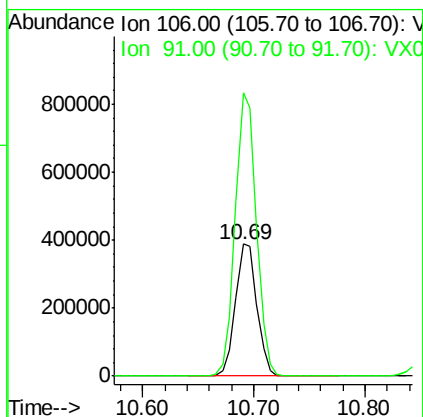
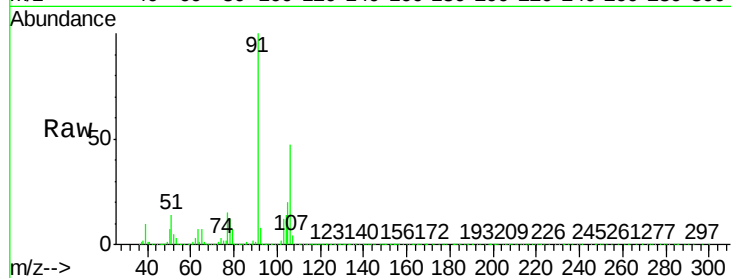
#69
o-Xylene
Concen: 48.881 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	516851		
91	211.6	104.2	312.6	

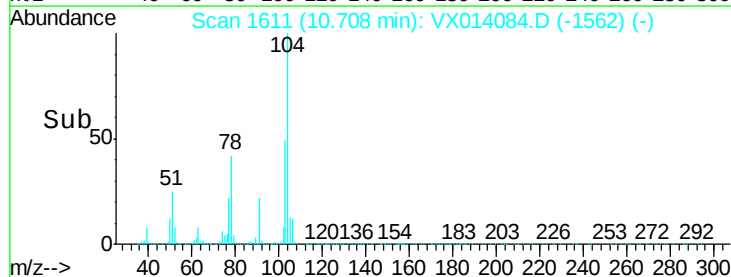
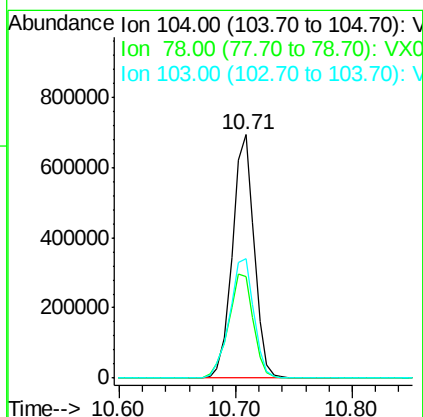
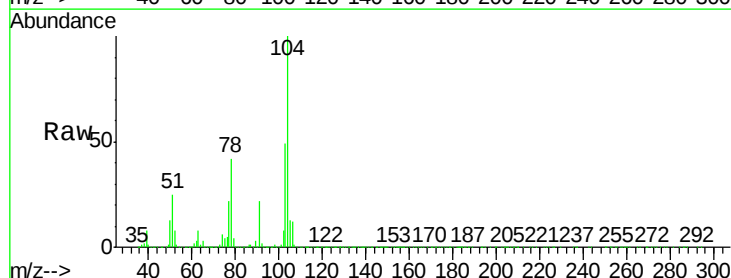
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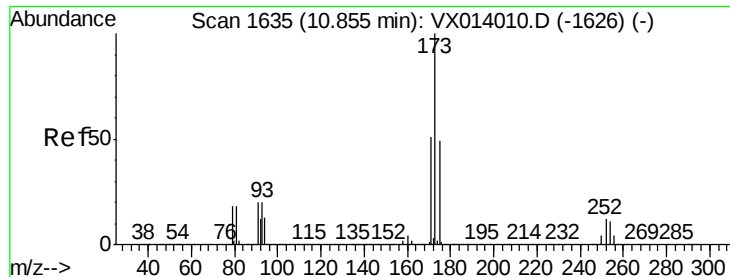
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#70
Styrene
Concen: 50.462 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	902244		
78	48.6	38.5	57.7	
103	54.7	42.9	64.3	





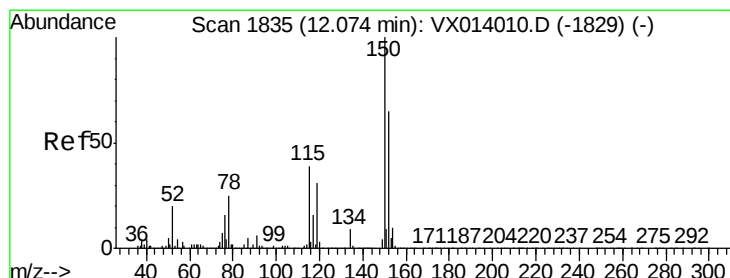
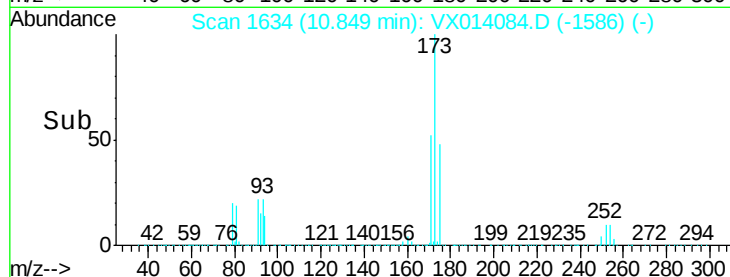
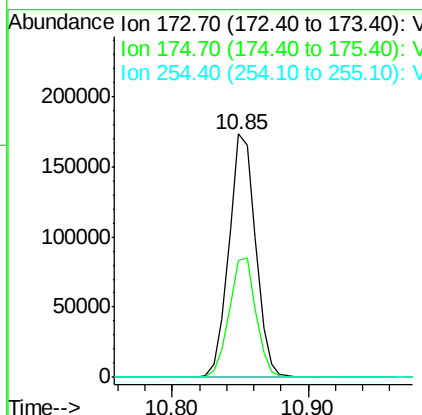
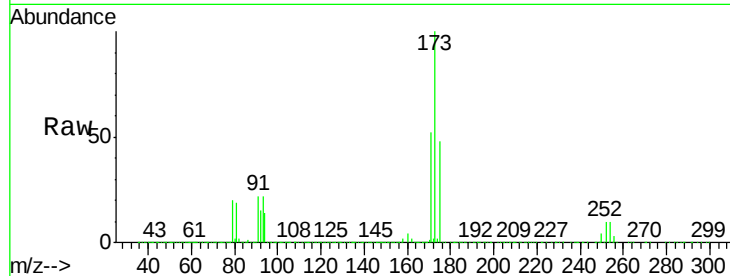
#71
Bromoform
Concen: 50.502 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.4
254	0.2	0.2	0.2

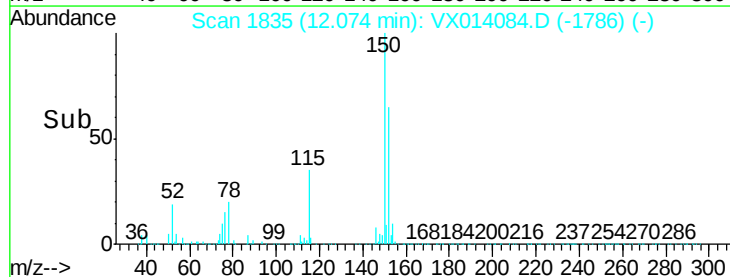
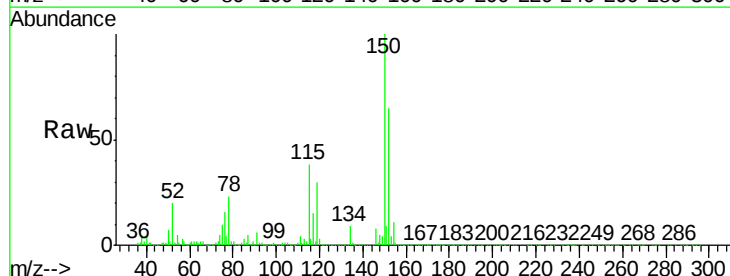
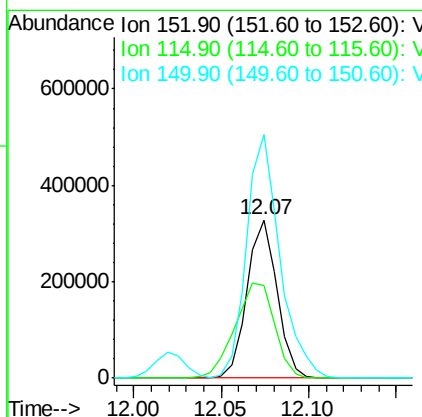
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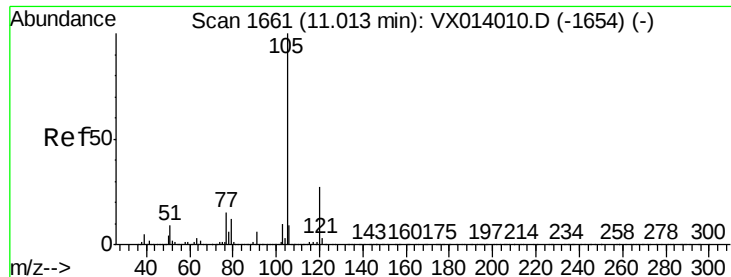
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	38.3	114.9
150	171.7	0.0	345.4





#73

Isopropylbenzene

Concen: 50.617 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1393689

Ion Ratio Lower Upper

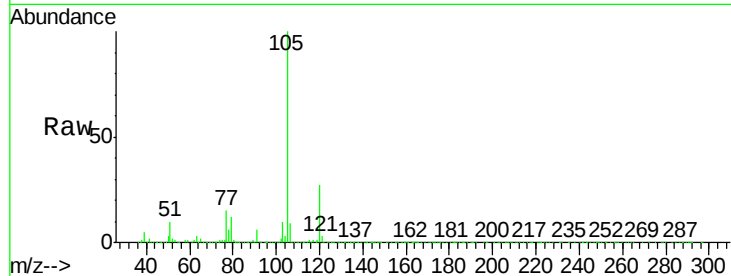
105 100

120 26.9 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

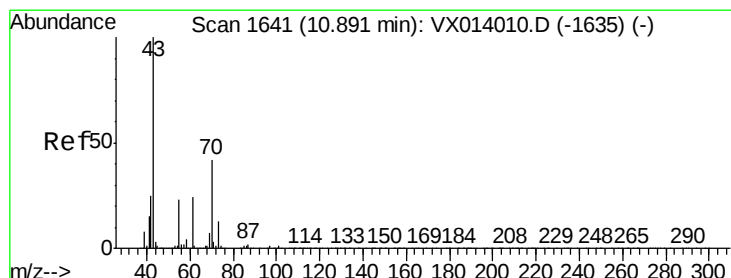
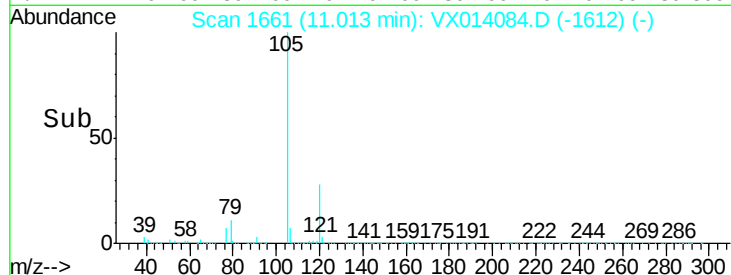
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 49.212 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion: 43 Resp: 635138

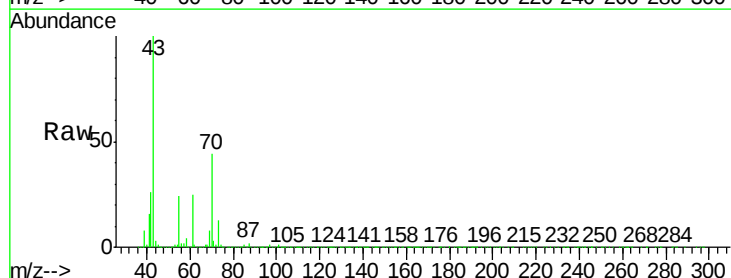
Ion Ratio Lower Upper

43 100

70 42.3 34.4 51.6

55 23.9 19.1 28.7

61 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

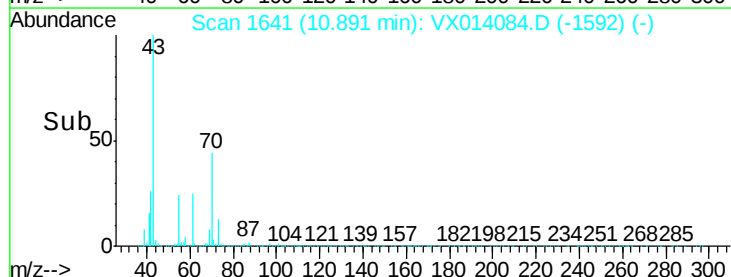
600000

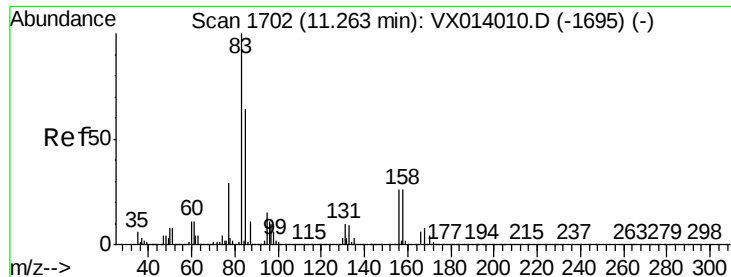
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.171 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

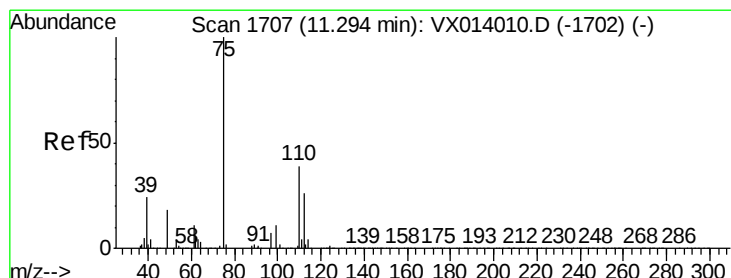
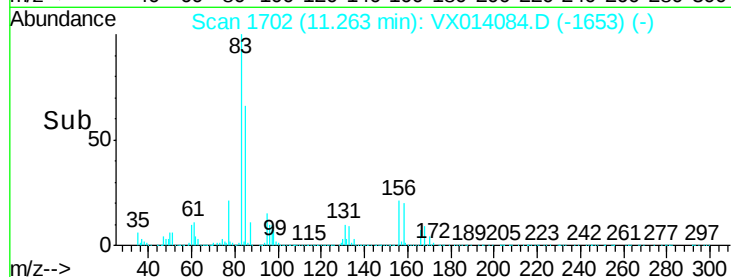
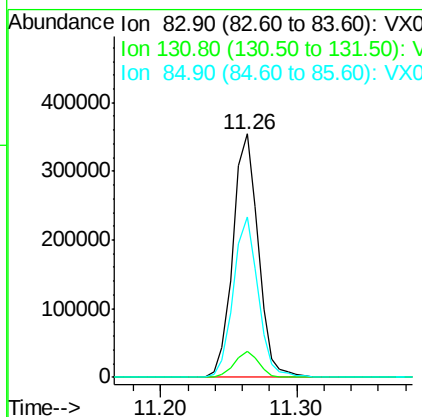
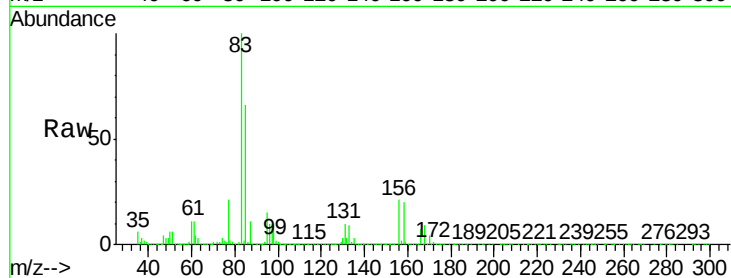
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	459829
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	64.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.673 ug/l m

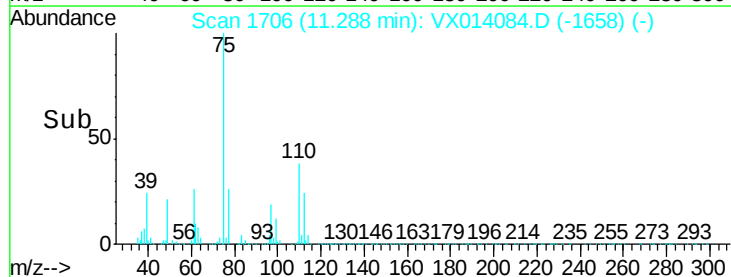
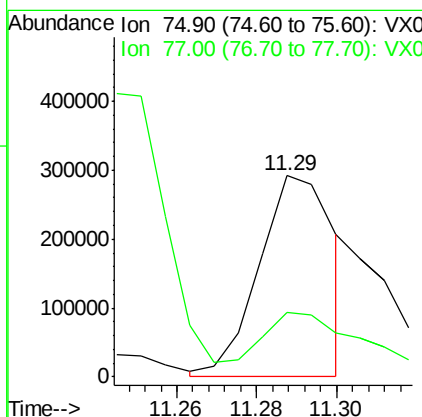
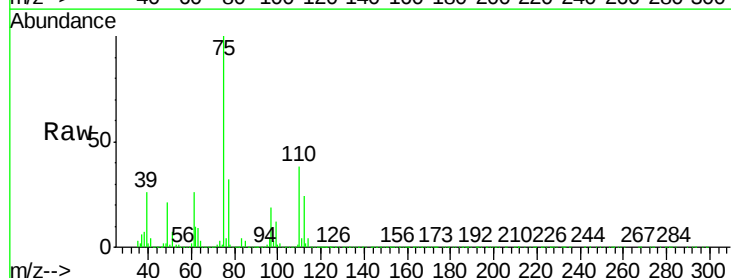
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:	75	Resp:	379267
Ion Ratio	Lower	Upper	
75	100		
77	44.5	19.3	57.8





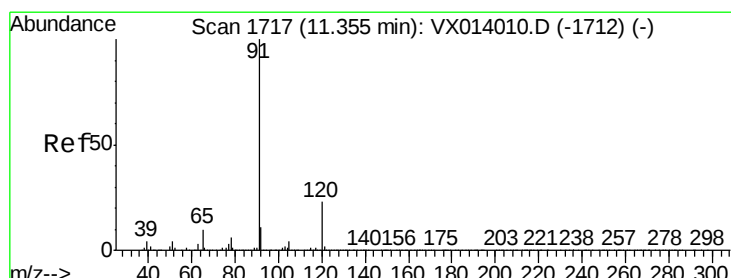
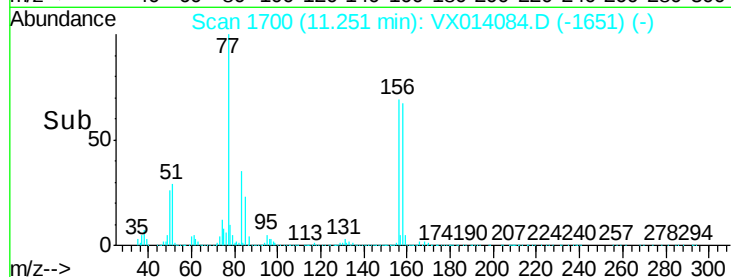
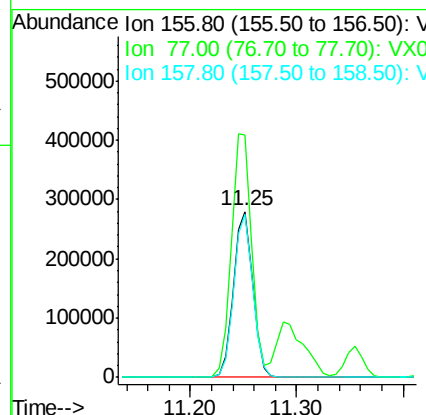
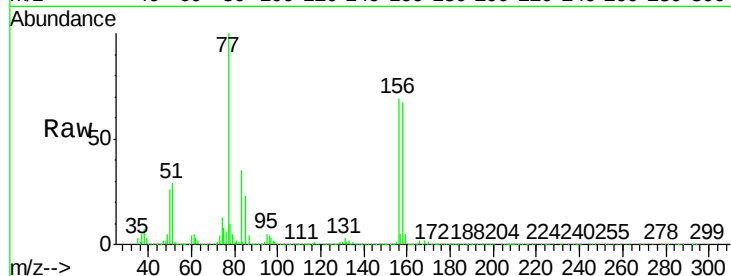
#77
Bromobenzene
Concen: 47.265 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.3	76.5	229.5
158	96.9	49.3	147.9

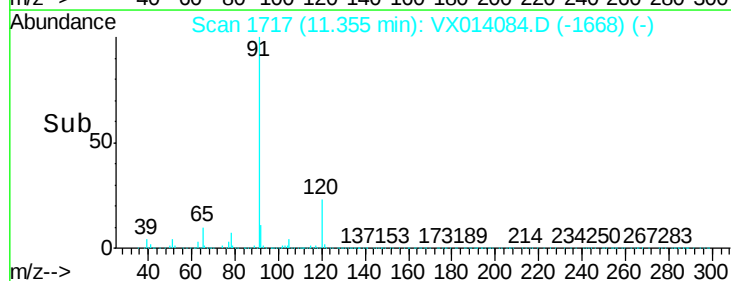
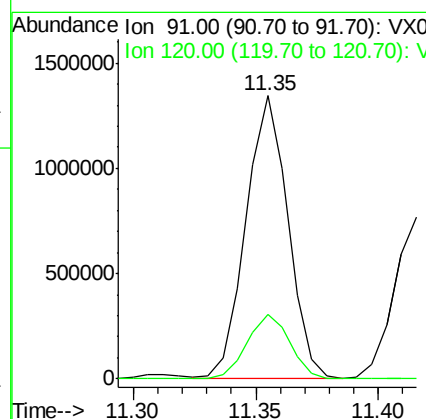
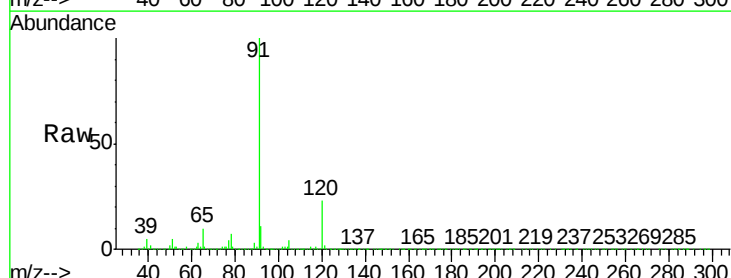
Manual Integrations
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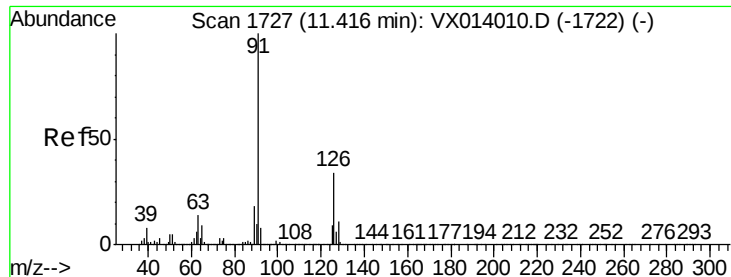
apatel
12/19/2019 11:50:53 AM



#78
n-propylbenzene
Concen: 51.768 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.559 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 930403

Ion Ratio Lower Upper

91 100

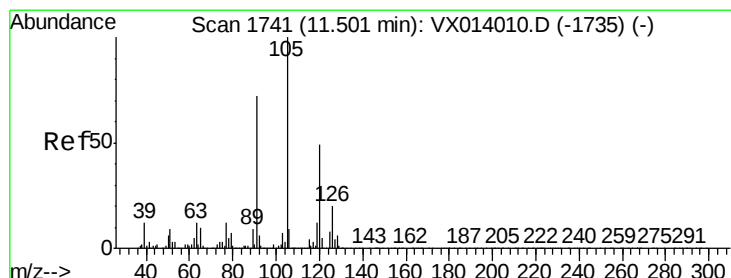
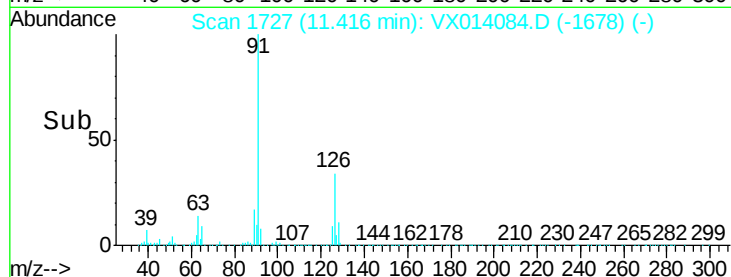
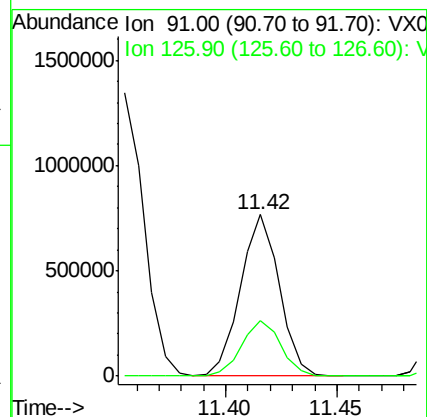
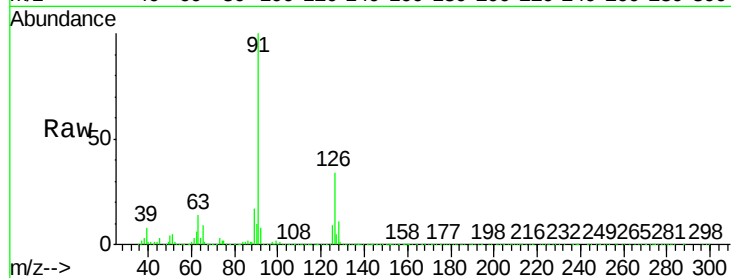
126 34.9 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 50.754 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014084.D

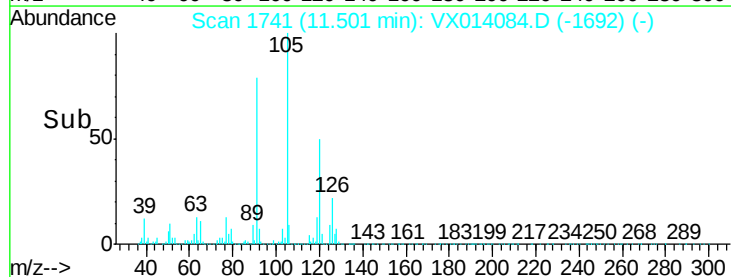
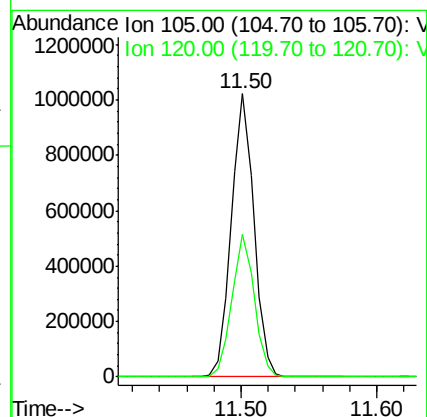
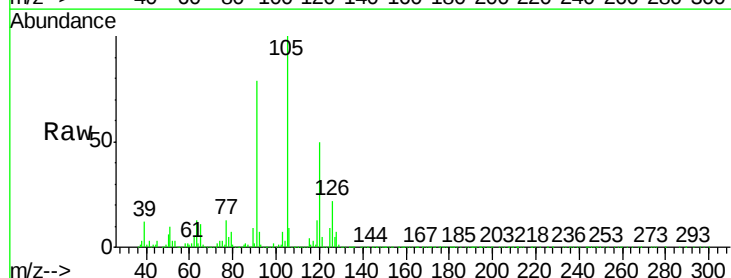
Acq: 18 Dec 2019 09:57

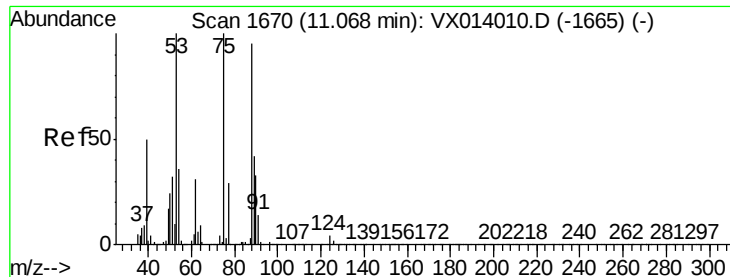
Tgt Ion: 105 Resp: 1176100

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8





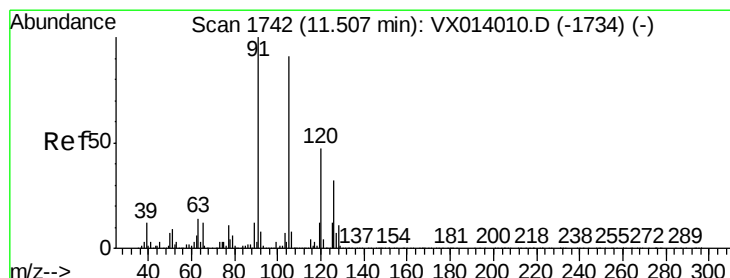
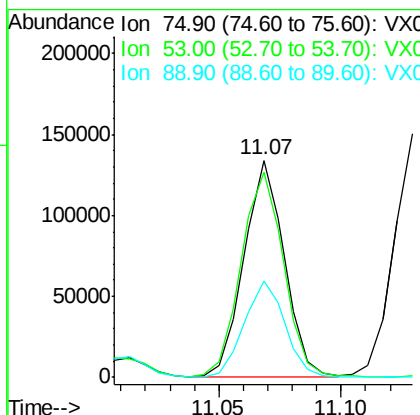
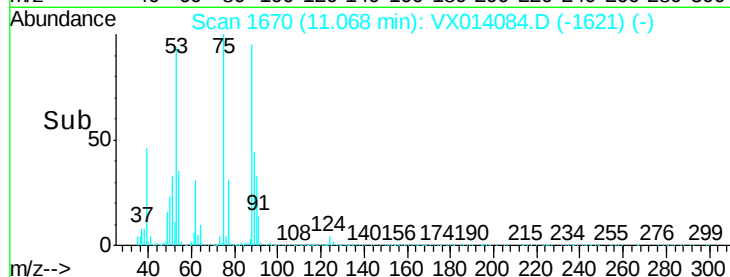
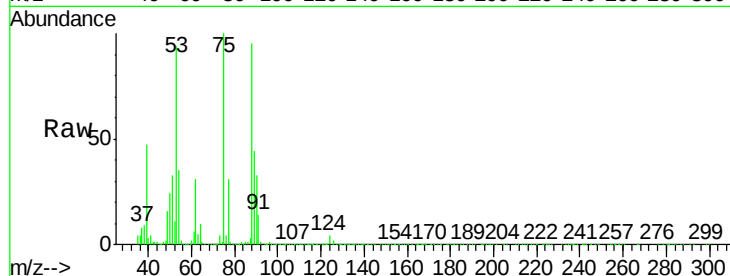
#81
trans-1,4-Dichloro-2-butene
Concen: 51.164 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	76.7	115.1
89	45.4	34.6	51.8

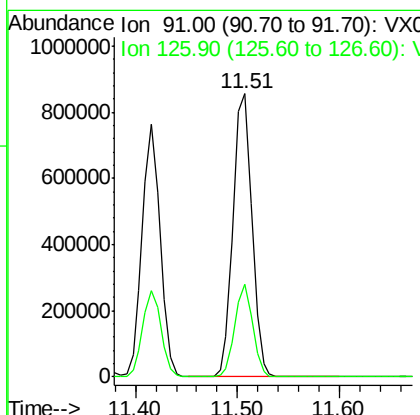
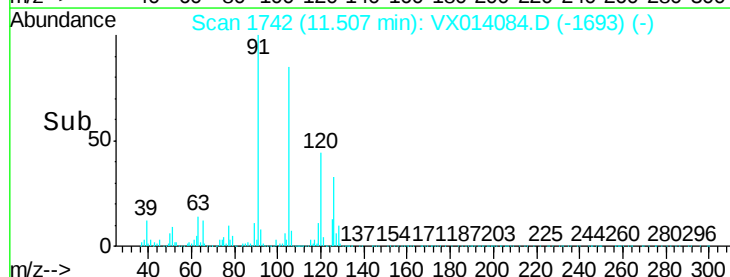
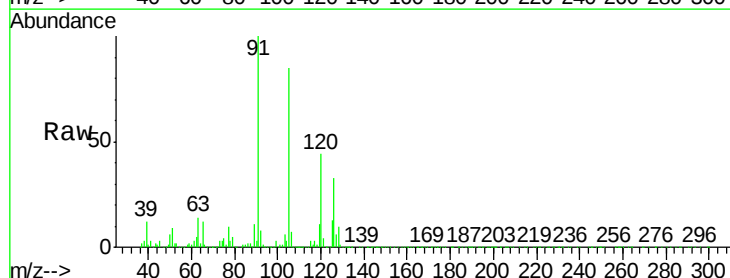
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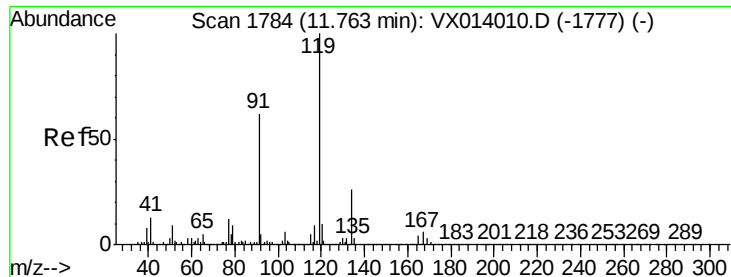
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#82
4-Chlorotoluene
Concen: 49.941 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8





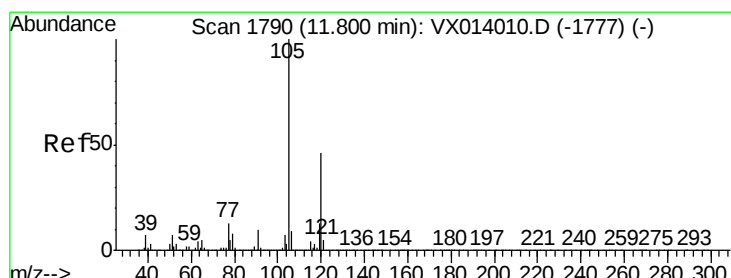
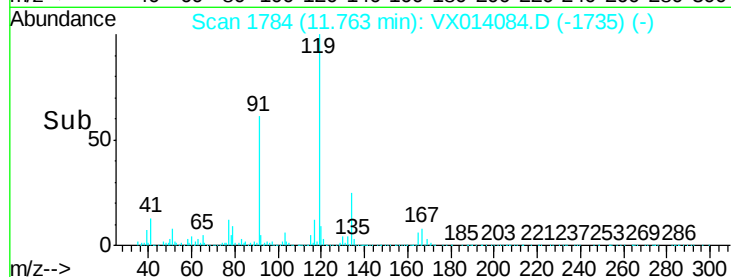
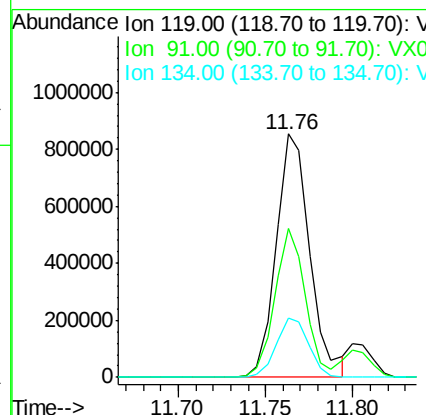
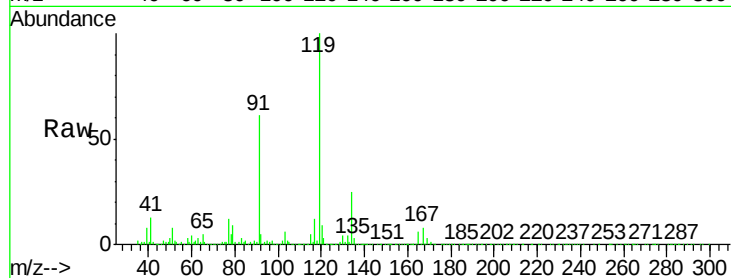
#83
tert-Butylbenzene
Concen: 50.868 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	28.5	85.6
134	23.6	12.2	36.6

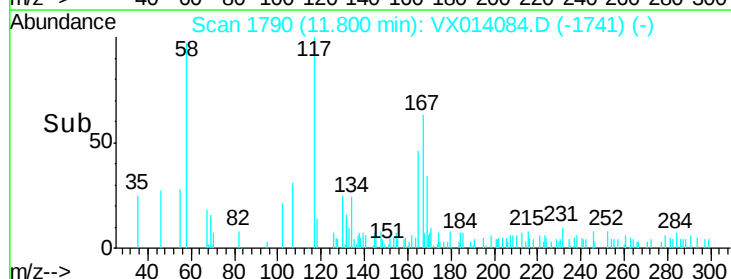
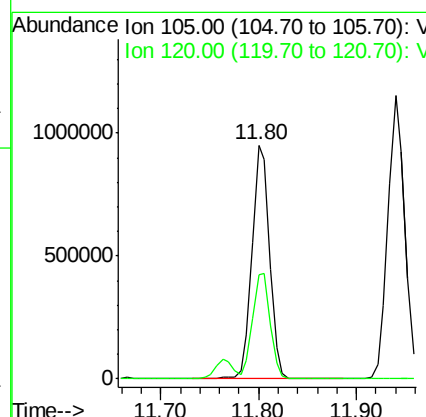
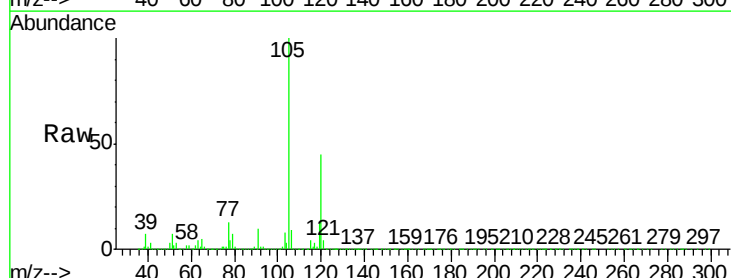
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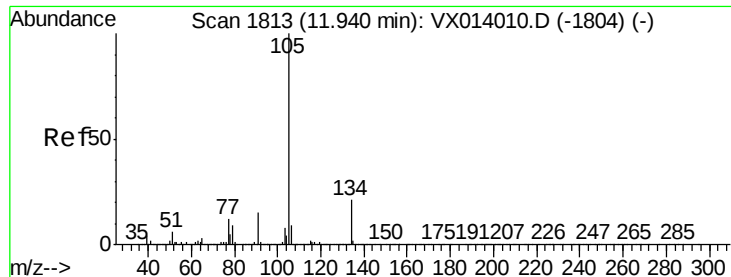
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#84
1,2,4-Trimethylbenzene
Concen: 50.931 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.588 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1373371

Ion Ratio Lower Upper

105 100

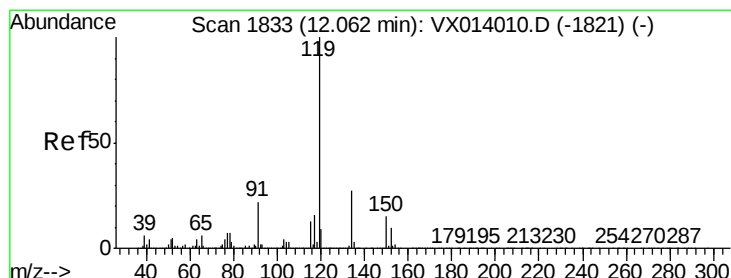
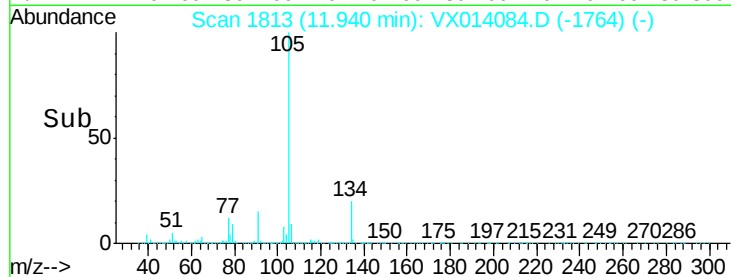
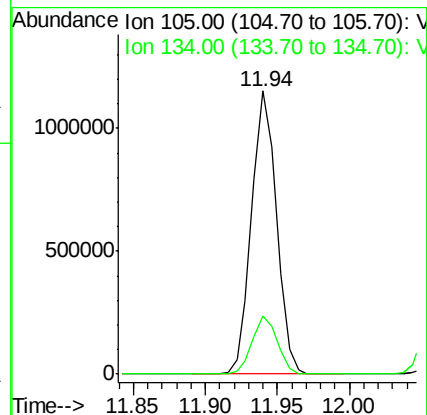
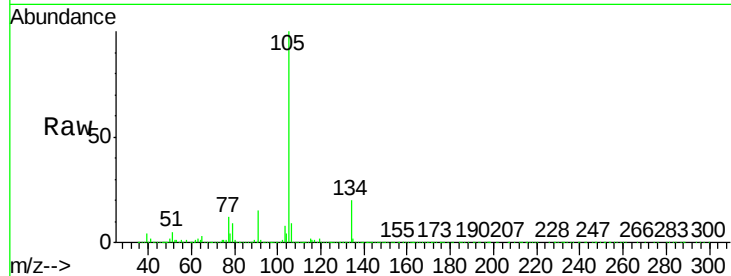
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.893 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

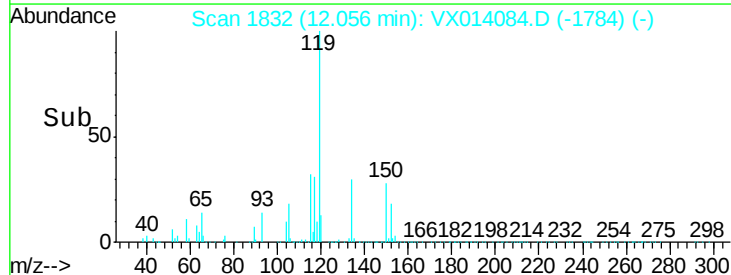
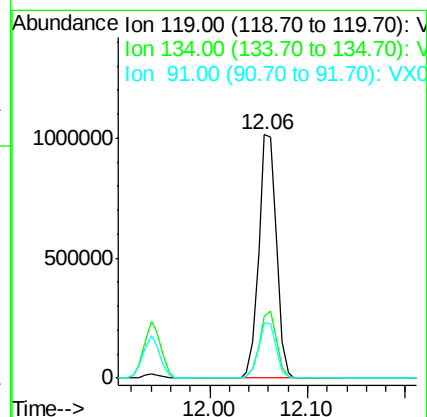
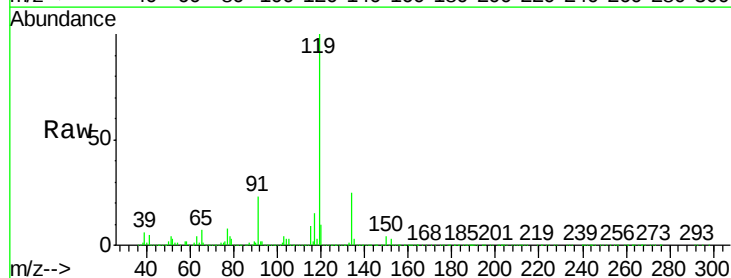
Tgt Ion:119 Resp: 1263684

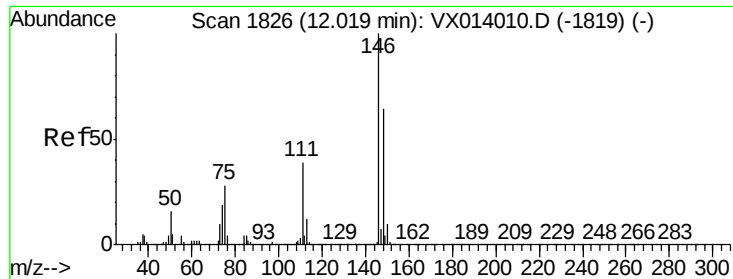
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.544 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014084.D

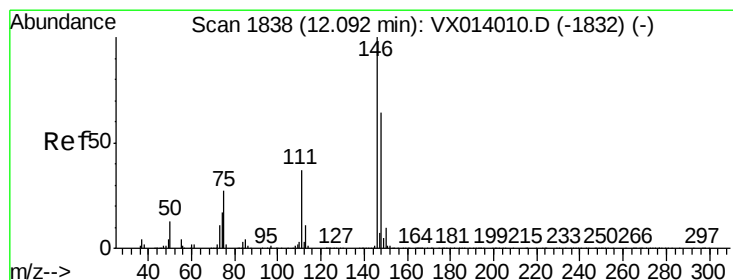
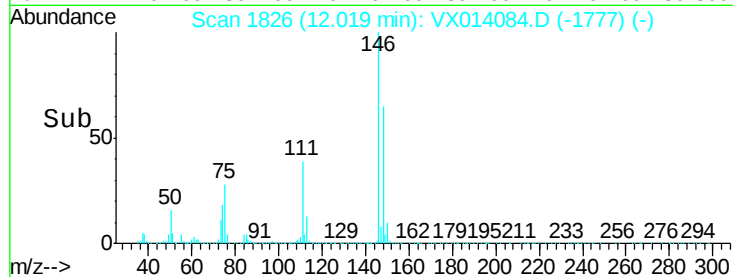
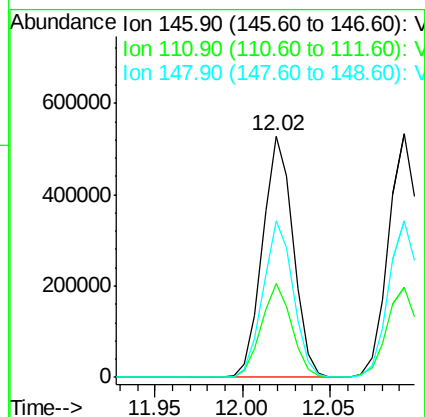
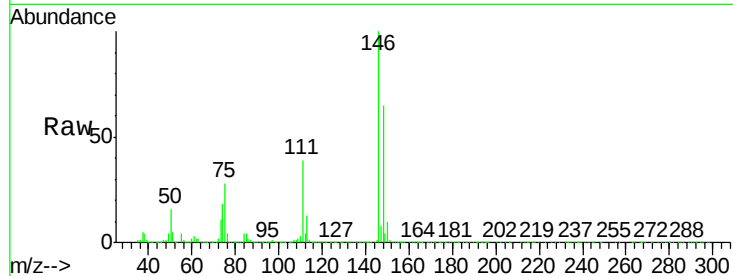
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.9	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.274 ug/l

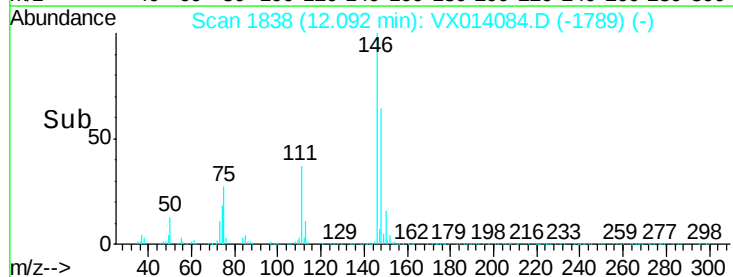
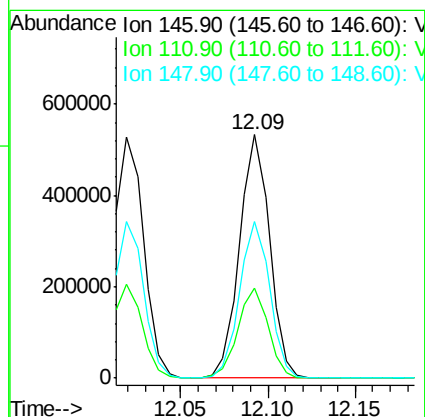
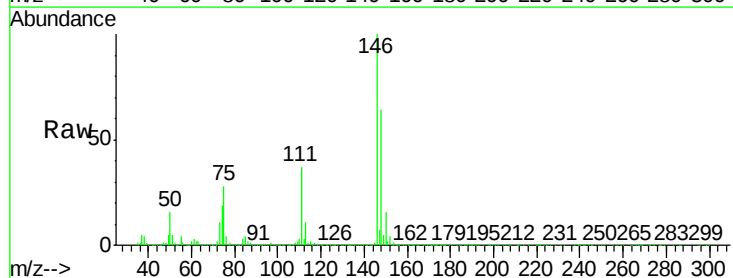
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.7	31.9	95.9





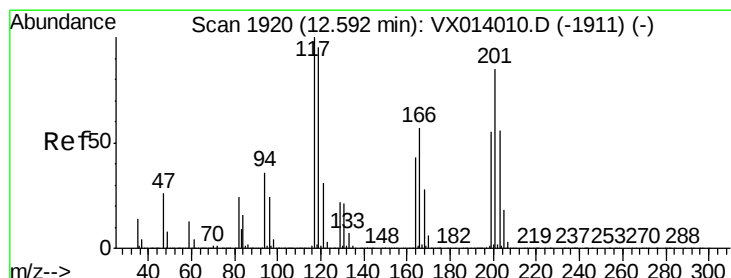
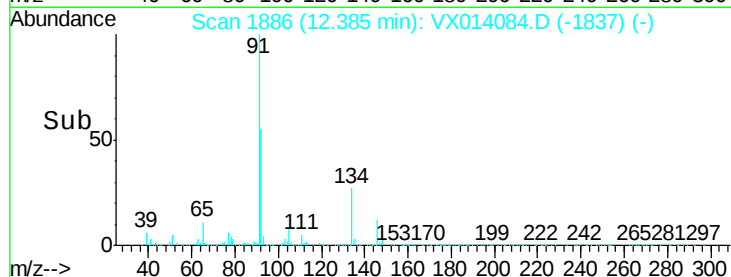
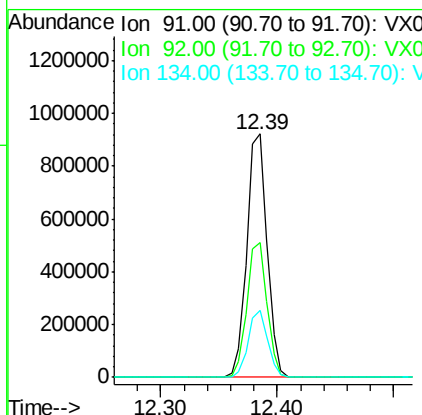
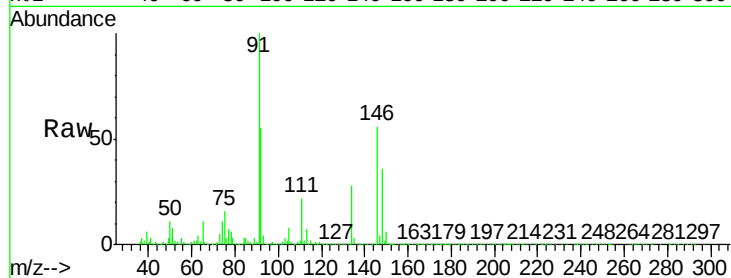
#89
n-Butylbenzene
Concen: 53.998 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.6
134	26.8	13.4	40.1

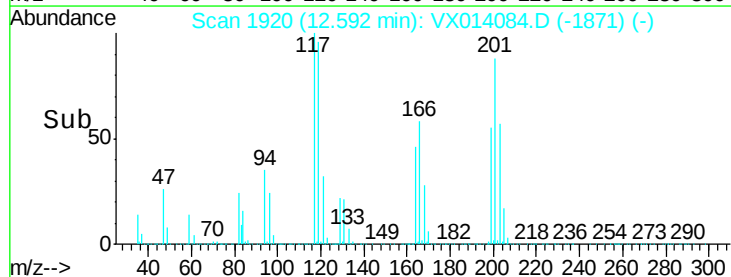
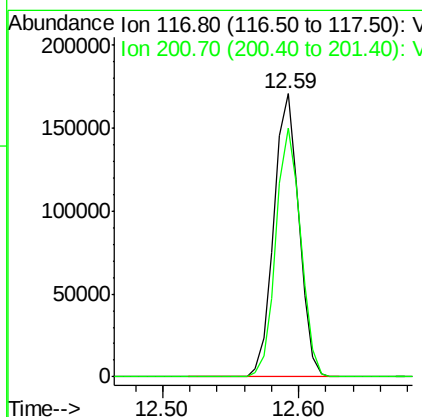
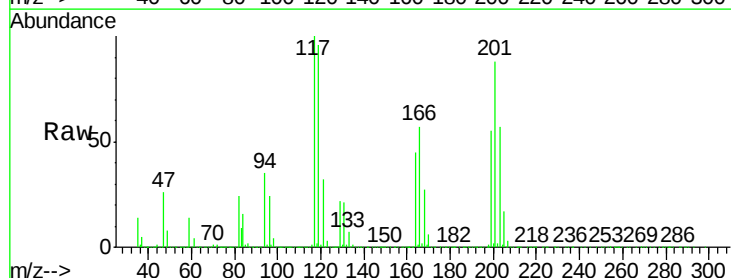
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#90
Hexachloroethane
Concen: 50.361 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 47.471 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Instrument :

MSVOA_X

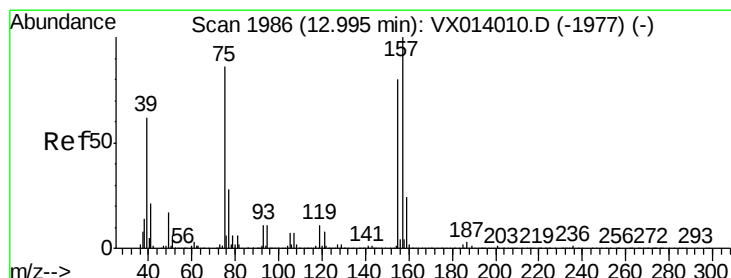
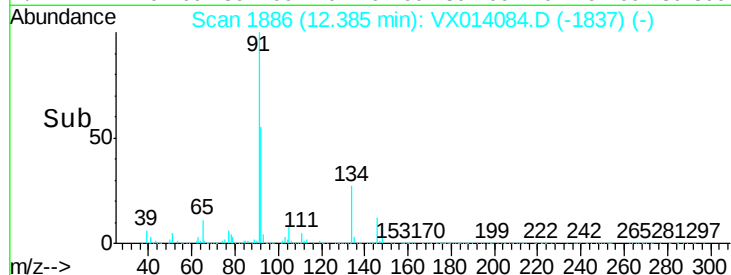
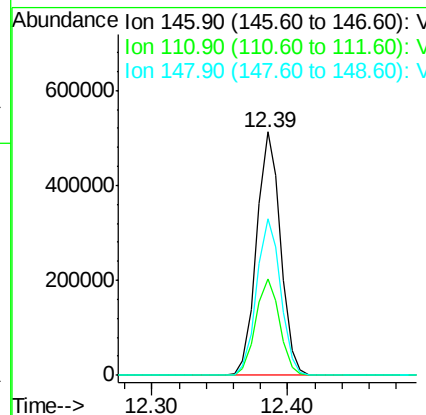
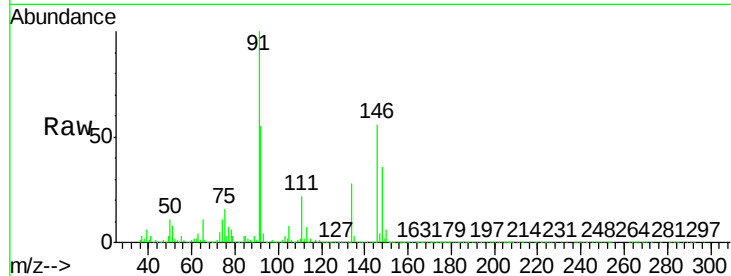
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	634466
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.7	59.1
148	64.4	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.512 ug/l

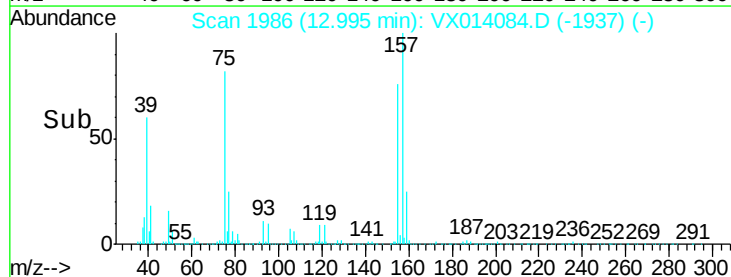
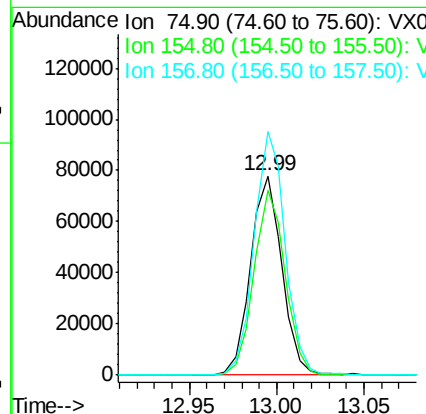
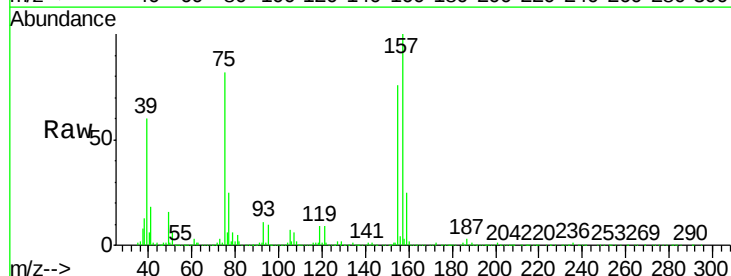
RT: 12.99 min Scan# 1886

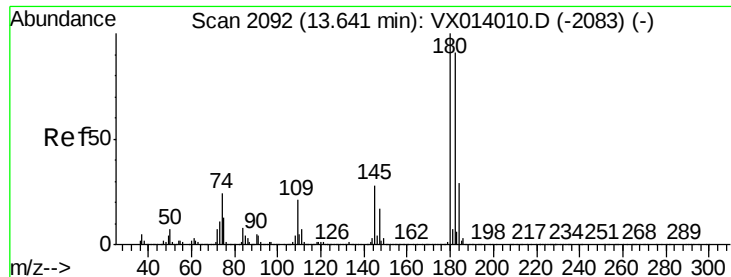
Delta R.T. 0.00 min

Lab File: VX014084.D

Acq: 18 Dec 2019 09:57

Tgt Ion:	75	Resp:	96141
Ion Ratio	Lower	Upper	
75	100		
155	93.3	46.9	140.6
157	122.0	60.8	182.4





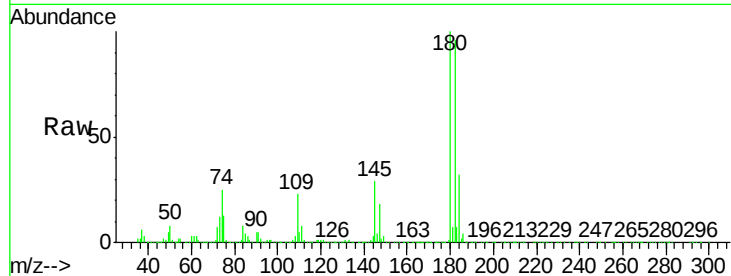
#93
 1,2,4-Trichlorobenzene
 Concen: 50.132 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

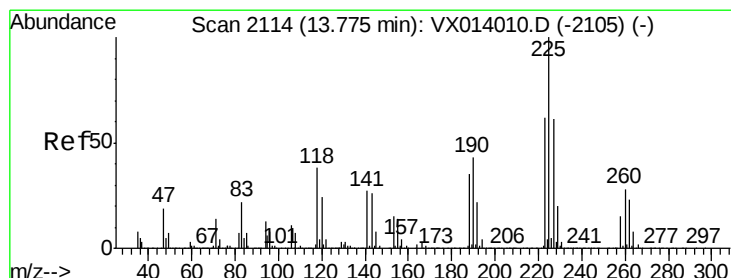
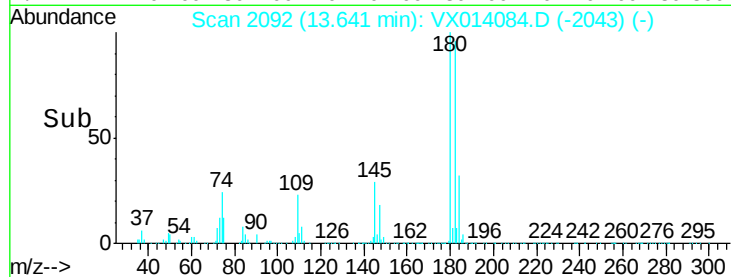
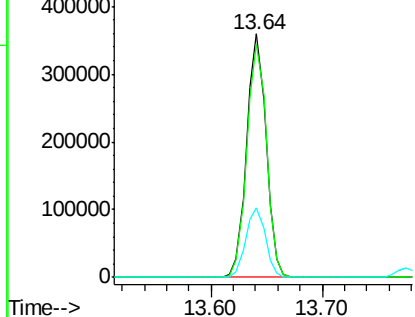
Tot Ion	Ratio	Resp	Lower	Upper
180	100	435497		
182	96.8	46.6	139.8	
145	29.1	14.2	42.6	

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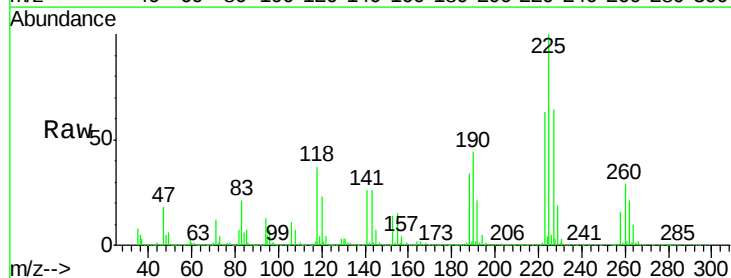


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

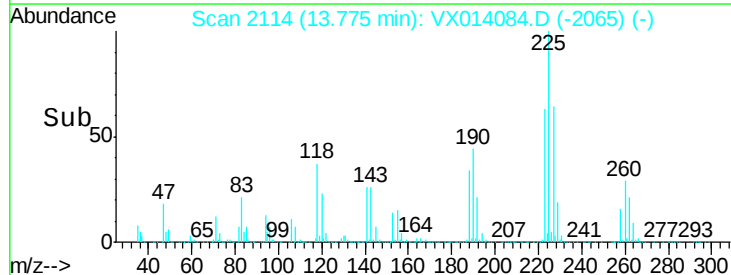
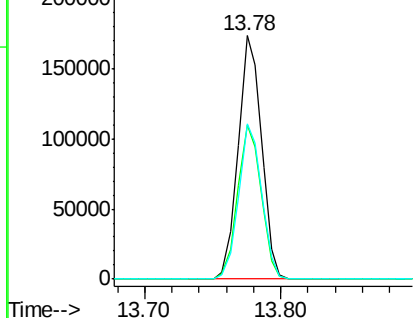


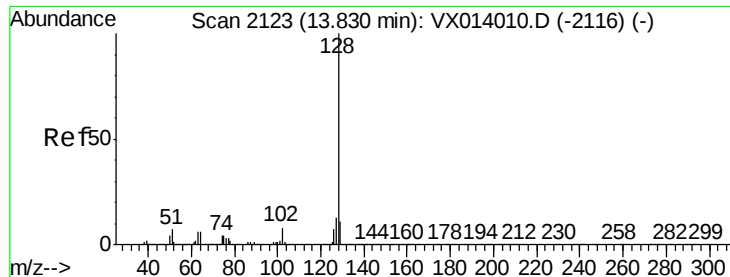
#94
 Hexachlorobutadiene
 Concen: 49.675 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014084.D
 Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	207391		
223	63.8	30.9	92.5	
227	63.1	30.9	92.7	



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





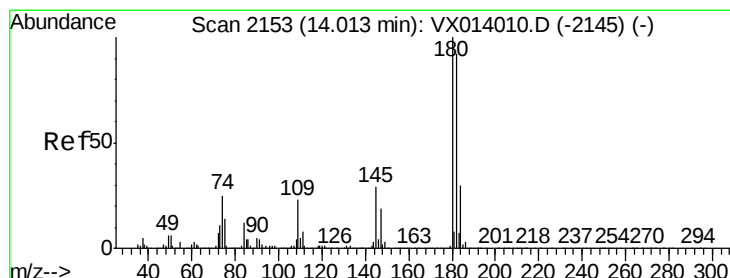
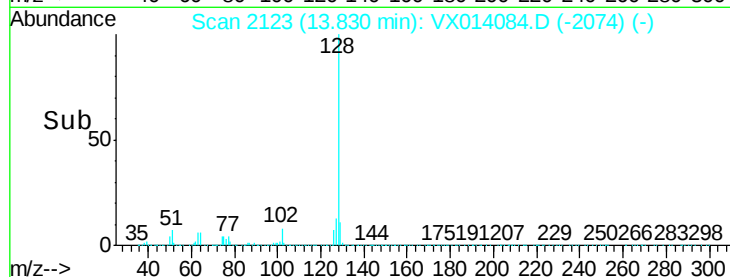
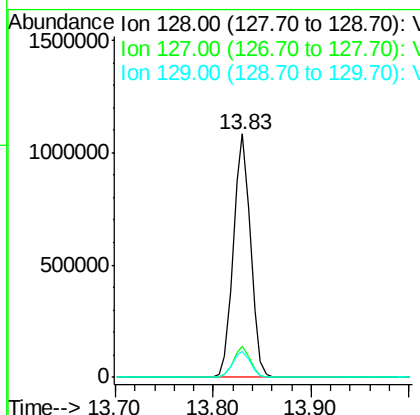
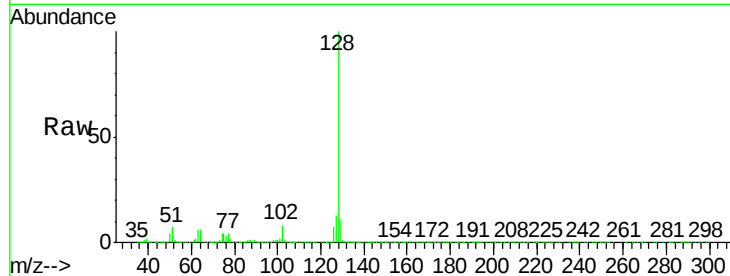
#95
Naphthalene
Concen: 51.450 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/19/2019 11:50:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.443 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014084.D
Acq: 18 Dec 2019 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.8	140.3
145	30.0	14.8	44.4

