

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014447.D
 Acq On : 07 Jan 2020 14:21
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:15:50 AM

Quant Time: Jan 07 15:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	812658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	374506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118938	19.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.88%	
35) Dibromofluoromethane	5.49	113	98398	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
50) Toluene-d8	8.71	98	383651	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
62) 4-Bromofluorobenzene	11.13	95	137321	19.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	131042	24.999	ug/l	96
3) Chloromethane	1.32	50	136567	20.565	ug/l	98
4) Vinyl Chloride	1.40	62	154742	21.612	ug/l	97
5) Bromomethane	1.64	94	91090	18.473	ug/l	94
6) Chloroethane	1.72	64	84513	19.628	ug/l	98
7) Trichlorofluoromethane	1.93	101	163000	18.913	ug/l	98
8) Diethyl Ether	2.18	74	75019	18.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97048	18.699	ug/l	99
10) Methyl Iodide	2.51	142	116572	18.377	ug/l	100
11) Tert butyl alcohol	3.02	59	127445	94.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98287	18.629	ug/l	99
13) Acrolein	2.28	56	97821	118.366	ug/l	97
14) Allyl chloride	2.72	41	177759	18.944	ug/l	99
15) Acrylonitrile	3.13	53	293461	94.136	ug/l	99
16) Acetone	2.43	43	308902	80.057	ug/l	99
17) Carbon Disulfide	2.56	76	270349	17.473	ug/l	100
18) Methyl Acetate	2.76	43	174909	21.351	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329238	19.066	ug/l	100
20) Methylene Chloride	2.85	84	110745	17.515	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107630	18.579	ug/l	98
22) Diisopropyl ether	3.84	45	347277	18.613	ug/l	93
23) Vinyl Acetate	3.81	43	1351418	89.902	ug/l	98
24) 1,1-Dichloroethane	3.69	63	188657	18.166	ug/l	99
25) 2-Butanone	4.65	43	437499	89.819	ug/l	98
26) 2,2-Dichloropropane	4.58	77	154979	19.072	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	123620	18.889	ug/l	99
28) Bromochloromethane	5.01	49	80131	22.292	ug/l	99
29) Tetrahydrofuran	5.11	42	262662	94.614	ug/l	100
30) Chloroform	5.20	83	184013	18.710	ug/l	96
31) Cyclohexane	5.57	56	177507	19.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154057	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	141974	18.878	ug/l	99
37) Ethyl Acetate	4.82	43	162453	19.668	ug/l	99
38) Carbon Tetrachloride	5.78	117	132316	19.280	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181192	19.379	ug/l	99
40) Benzene	6.14	78	434239	18.835	ug/l	97
41) Methacrylonitrile	5.03	41	87954	19.145	ug/l	98
42) 1,2-Dichloroethane	6.19	62	151483	19.379	ug/l	100
43) Isopropyl Acetate	6.43	43	259768	18.976	ug/l	100
44) Trichloroethene	7.21	130	122048	18.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112438	19.033	ug/l	100
46) Dibromomethane	7.65	93	72528	18.506	ug/l	98
47) Bromodichloromethane	7.89	83	137929	18.709	ug/l	99
48) Methyl methacrylate	7.76	41	125447	18.725	ug/l	99
49) 1,4-Dioxane	7.73	88	53237	387.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	812206	94.788	ug/l	99
52) Toluene	8.78	92	273827	18.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158191	19.533	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	177234	19.647	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110243	18.868	ug/l	98
56) Ethyl methacrylate	9.17	69	174310	19.038	ug/l	99
57) 1,3-Dichloropropane	9.37	76	188880	19.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	308348	91.195	ug/l	99
59) 2-Hexanone	9.48	43	646143	94.284	ug/l	100
60) Dibromochloromethane	9.57	129	111710	19.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116756	19.530	ug/l	99
64) Tetrachloroethene	9.33	164	137053	20.474	ug/l	99
65) Chlorobenzene	10.14	112	294731	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	107983	19.250	ug/l	99
67) Ethyl Benzene	10.25	91	515682	19.135	ug/l	98
68) m/p-Xylenes	10.36	106	397017	38.235	ug/l	99
69) o-Xylene	10.70	106	191767	18.913	ug/l	98
70) Styrene	10.71	104	326887	19.049	ug/l	99
71) Bromoform	10.85	173	84428	18.657	ug/l #	100
73) Isopropylbenzene	11.01	105	511012	19.304	ug/l	100
74) N-amyl acetate	10.89	43	220473	17.941	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158809	17.583	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138847m	17.473	ug/l	
77) Bromobenzene	11.25	156	131954	18.094	ug/l	99
78) n-propylbenzene	11.35	91	578208	19.475	ug/l	100
79) 2-Chlorotoluene	11.42	91	342947	19.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	423196	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54706	18.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	394312	18.843	ug/l	99
83) tert-Butylbenzene	11.76	119	388401	18.062	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	426921	19.180	ug/l	100
85) sec-Butylbenzene	11.94	105	492975	19.241	ug/l	99
86) p-Isopropyltoluene	12.06	119	455776	19.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239114	18.689	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	239878	18.385	ug/l	98
89) n-Butylbenzene	12.39	91	399767	19.868	ug/l	99
90) Hexachloroethane	12.59	117	77408	18.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	236277	18.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36180	17.814	ug/l	98

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ClientSampleId :
VSTDICC020

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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	171309	20.149	ug/l	98
94) Hexachlorobutadiene	13.78	225	77750	19.048	ug/l	94
95) Naphthalene	13.83	128	515828	20.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	167085	19.997	ug/l	100

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

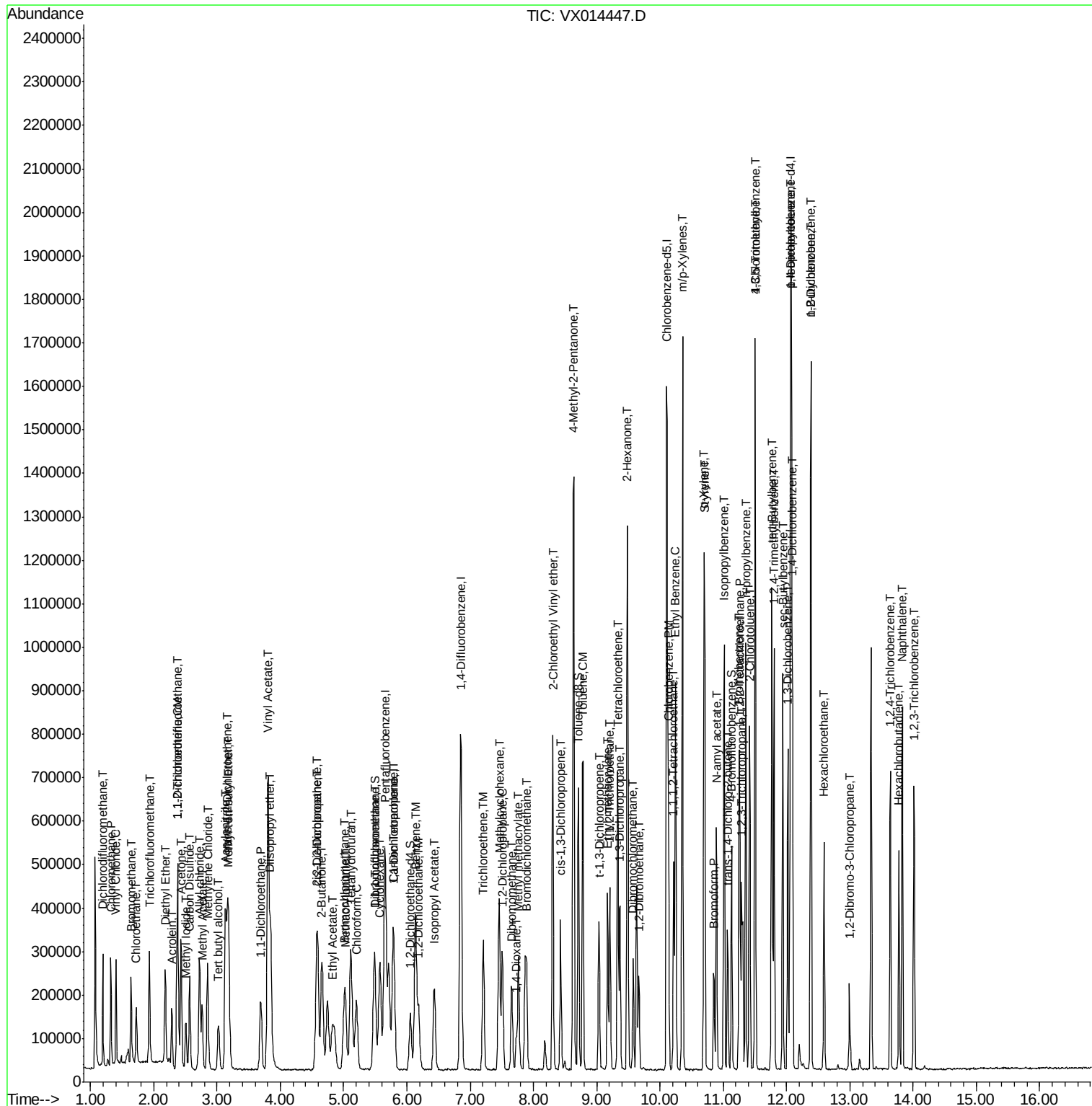
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
Data File : VX014447.D
Acq On : 07 Jan 2020 14:21
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

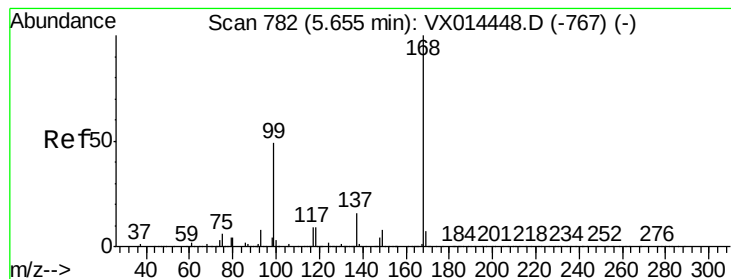
Instrument :
MSVOA_X
Client Sampled :
VSTDIC020

Manual Integrations
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#1

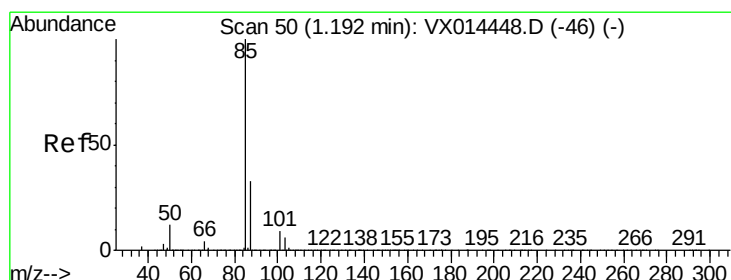
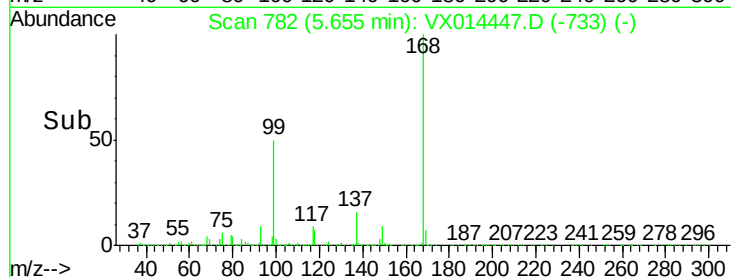
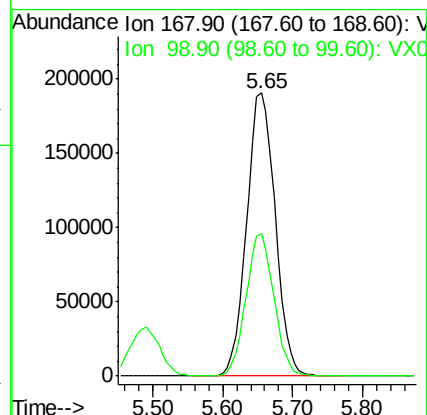
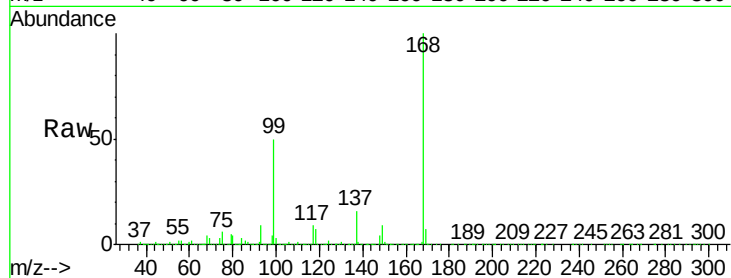
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.2	58.8

Manual Integrations
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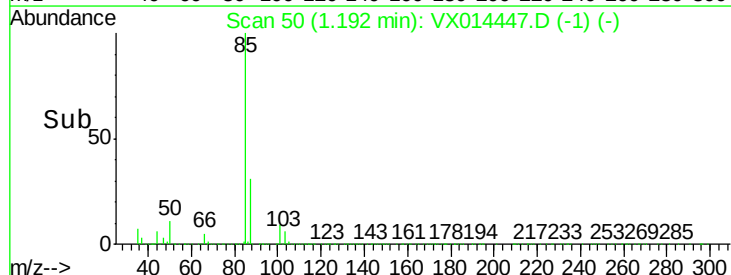
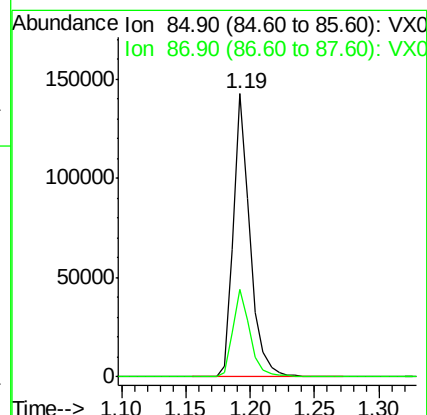
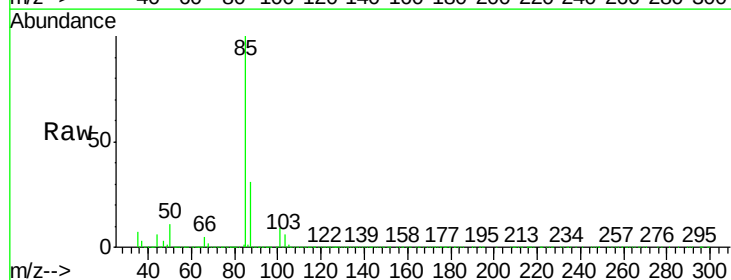
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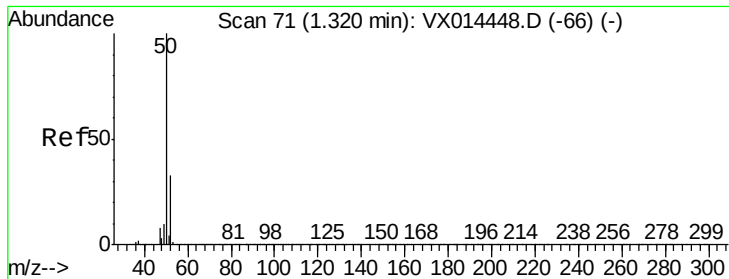


#2

Dichlorodifluoromethane
Concen: 24.999 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.5	49.5





#3

Chloromethane

Concen: 20.565 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 136567

Ion Ratio Lower Upper

50 100

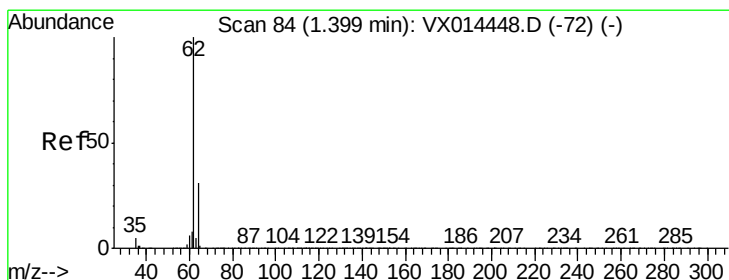
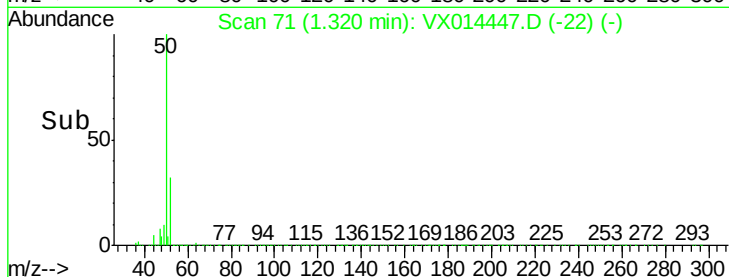
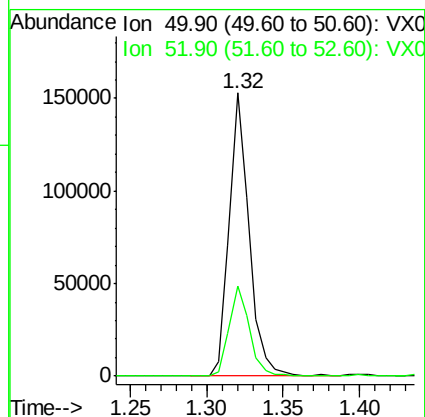
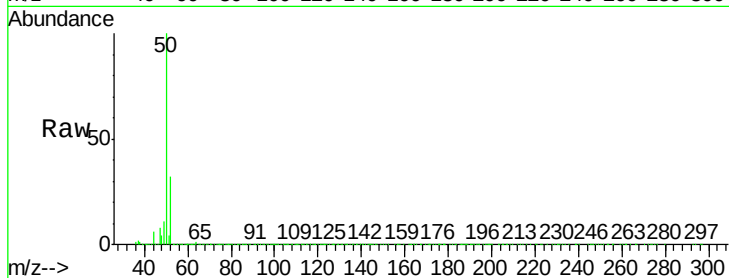
52 31.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 21.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014447.D

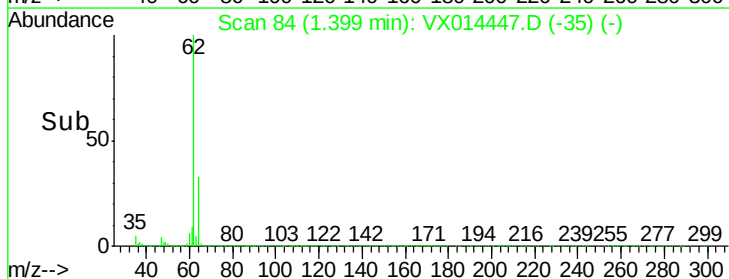
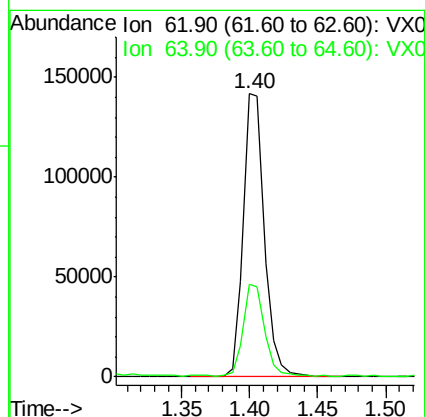
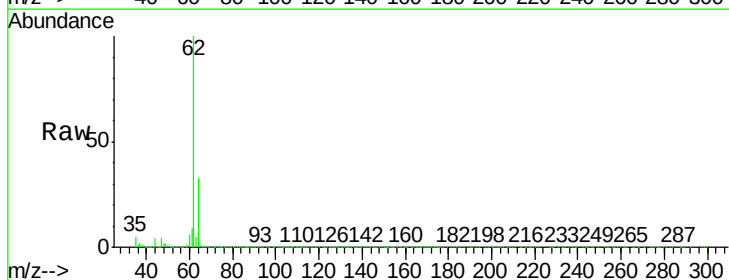
Acq: 07 Jan 2020 14:21

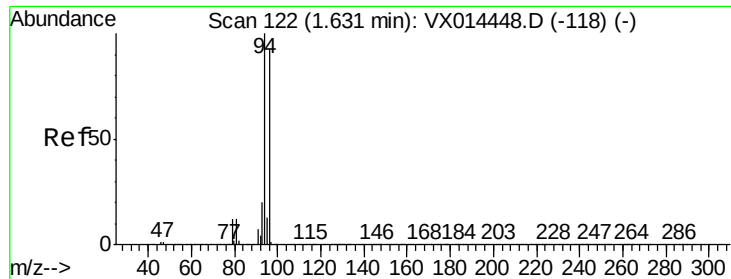
Tgt Ion: 62 Resp: 154742

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 18.473 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 91090

Ion Ratio Lower Upper

94 100

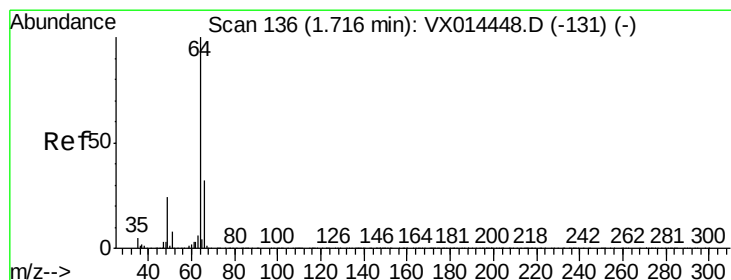
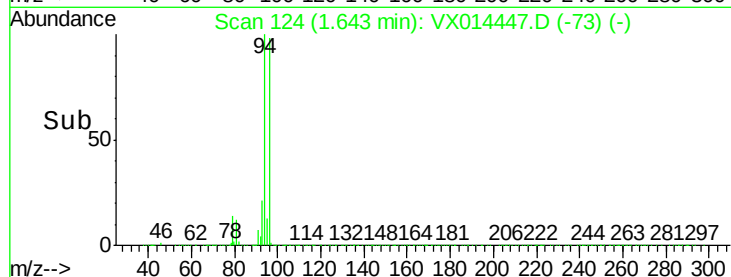
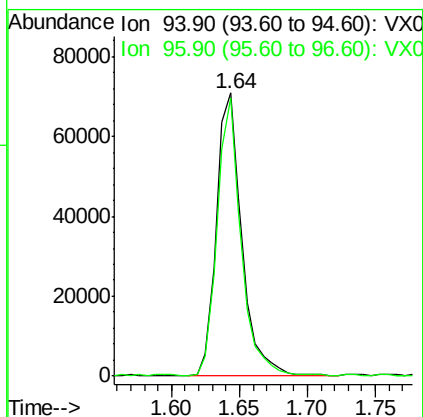
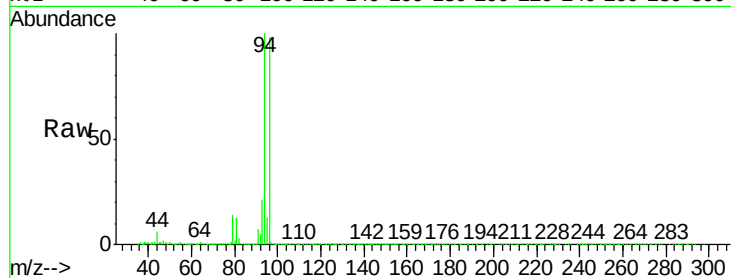
96 98.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.628 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014447.D

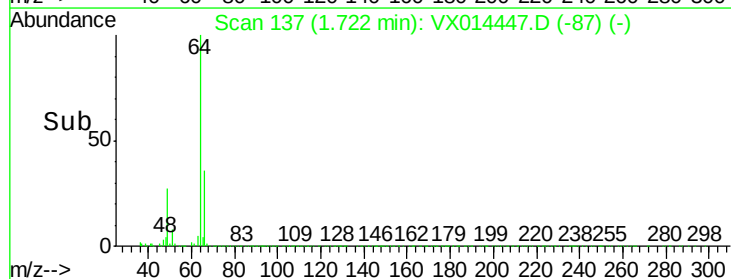
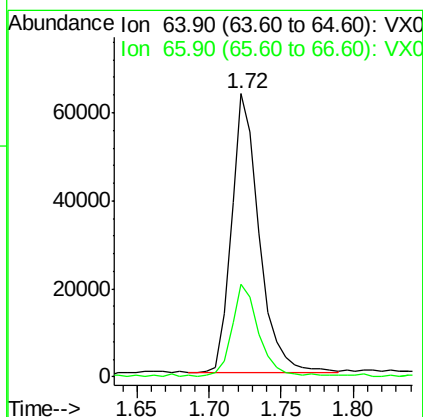
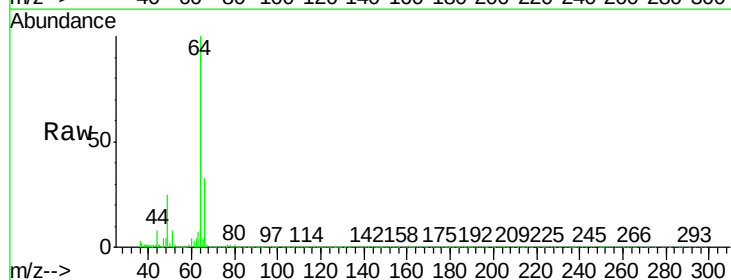
Acq: 07 Jan 2020 14:21

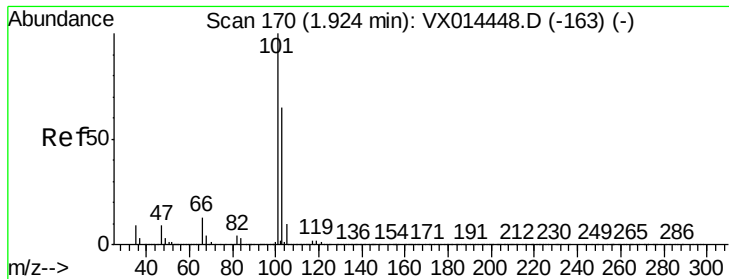
Tgt Ion: 64 Resp: 84513

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9





#7

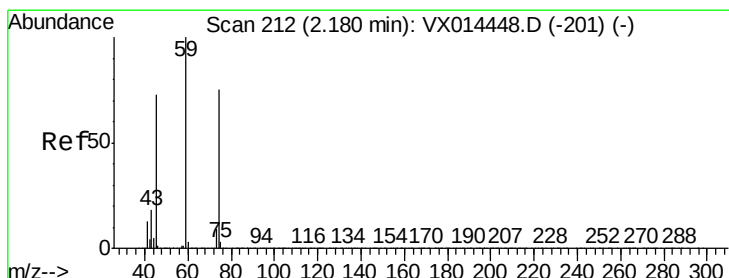
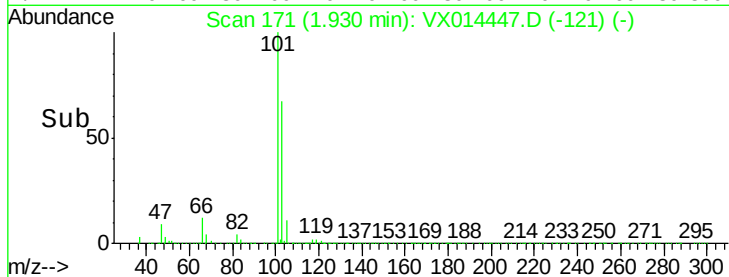
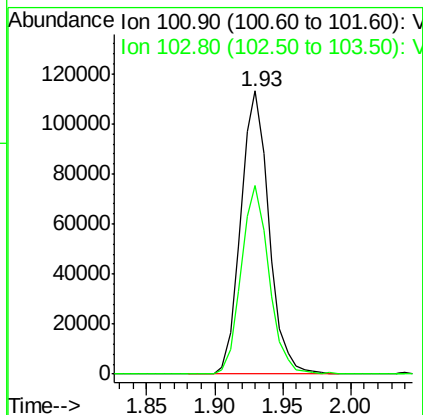
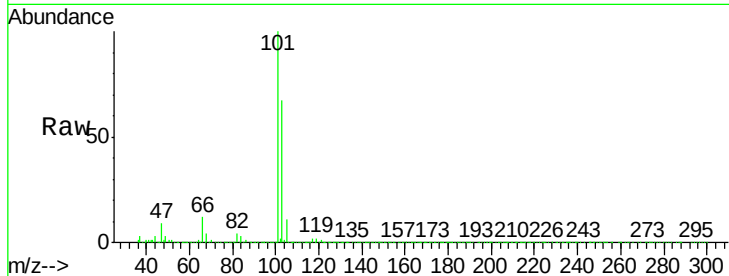
Trichlorofluoromethane
Concen: 18.913 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

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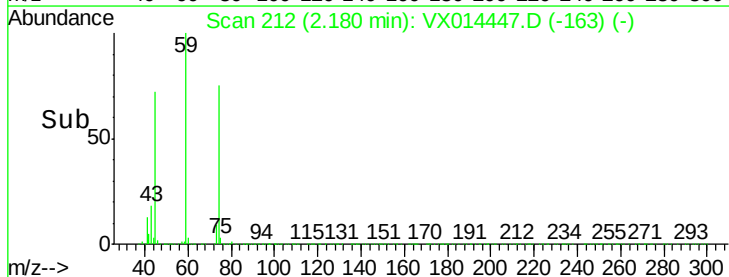
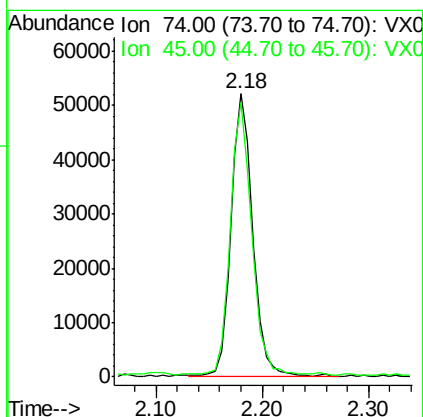
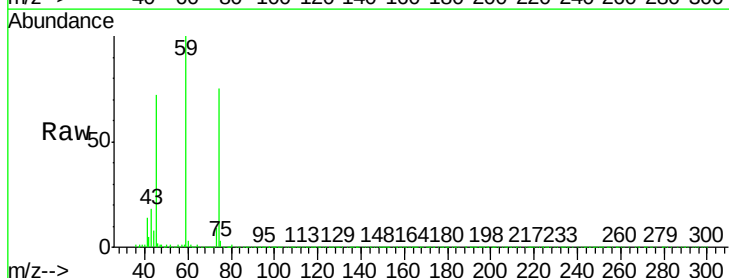
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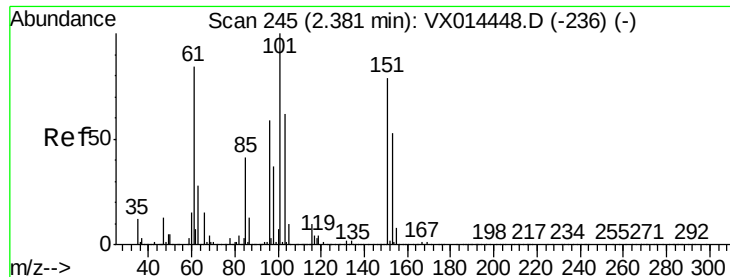


#8

Diethyl Ether
Concen: 18.721 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.4	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.699 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

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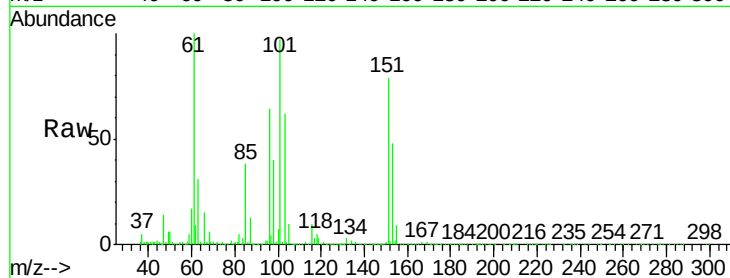
ClientSampled :

VSTDIC020

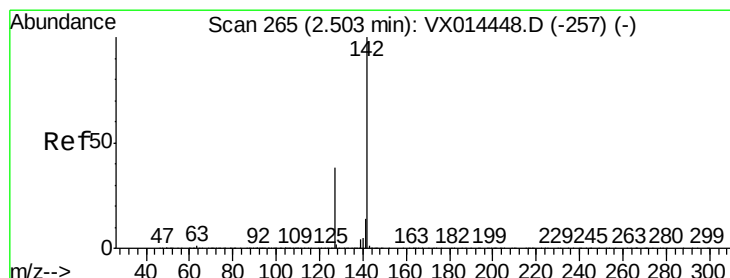
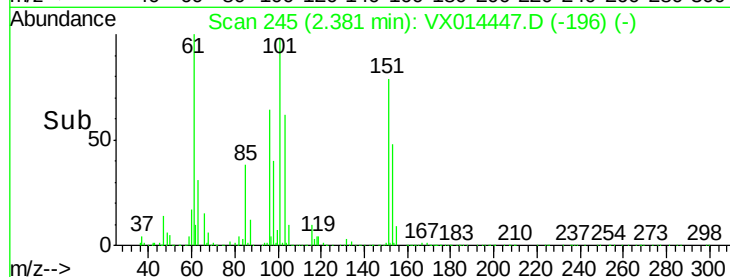
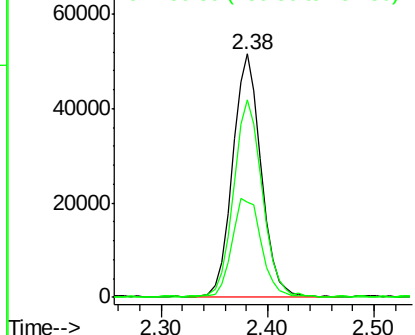
Tgt Ion:	101	Resp:	97048
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.8
151	82.1	65.3	97.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.377 ug/l

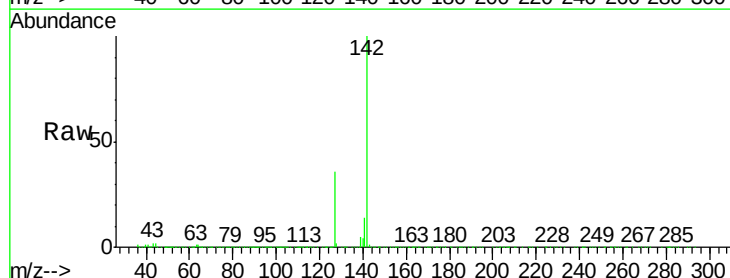
RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

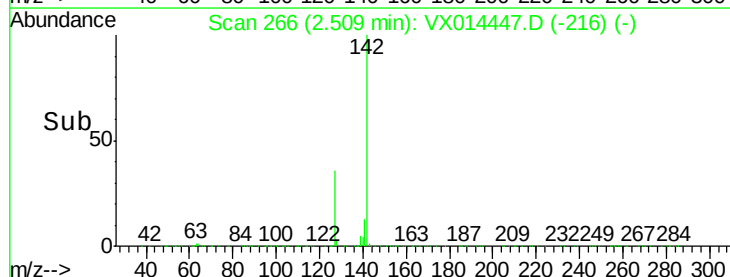
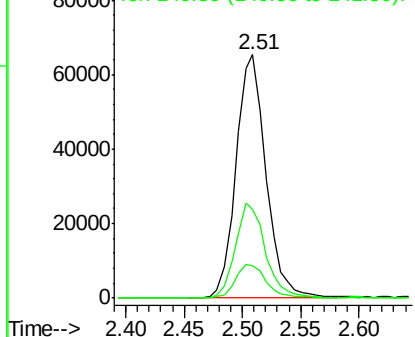
Lab File: VX014447.D

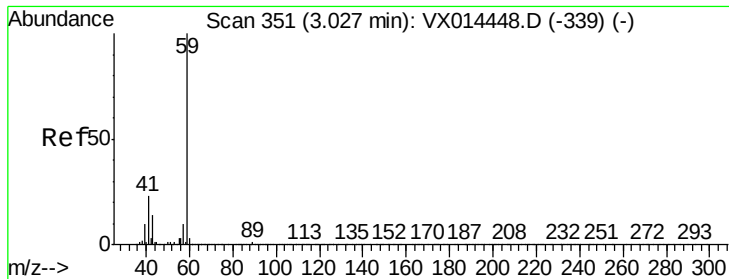
Acq: 07 Jan 2020 14:21

Tgt Ion:	142	Resp:	116572
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.2	46.8
141	14.0	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

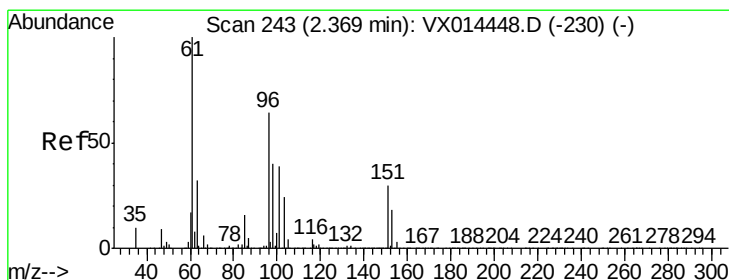
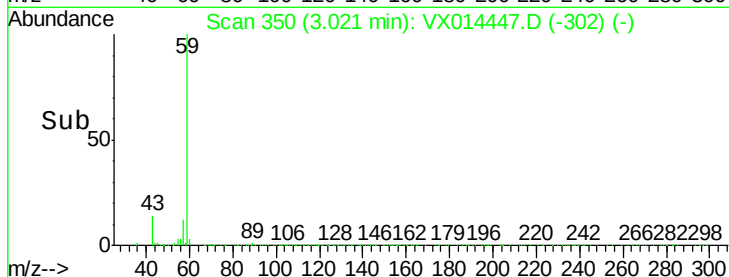
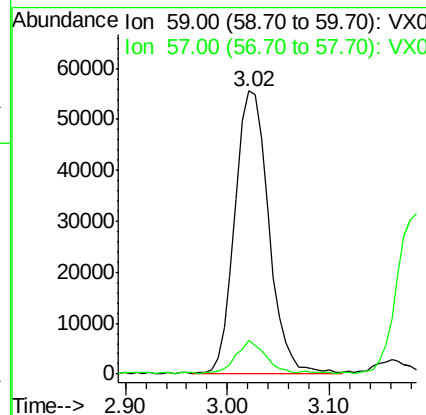
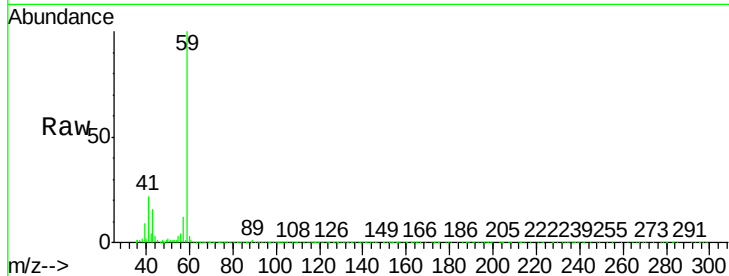
Tert butyl alcohol
Concen: 94.748 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

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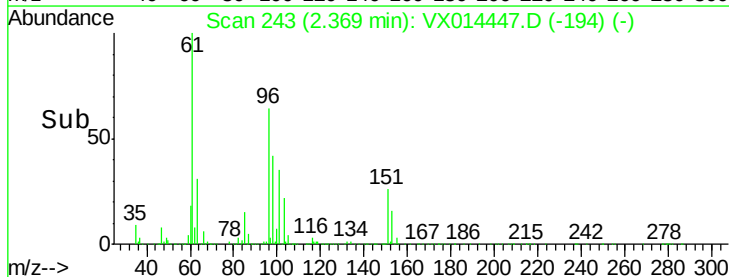
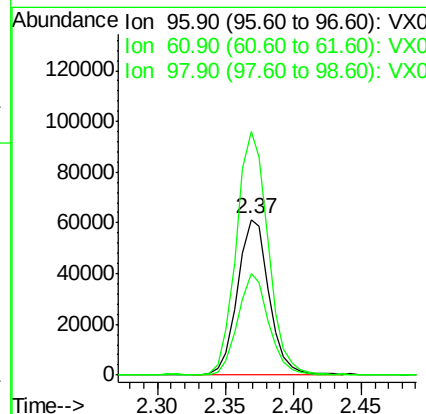
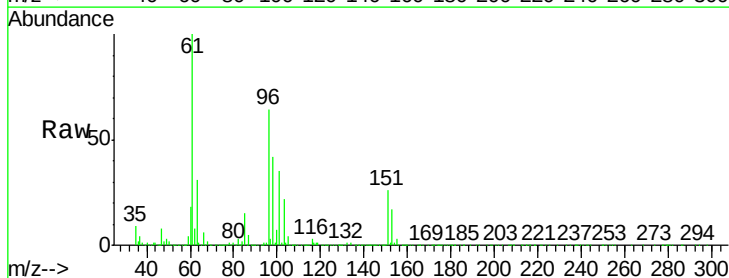
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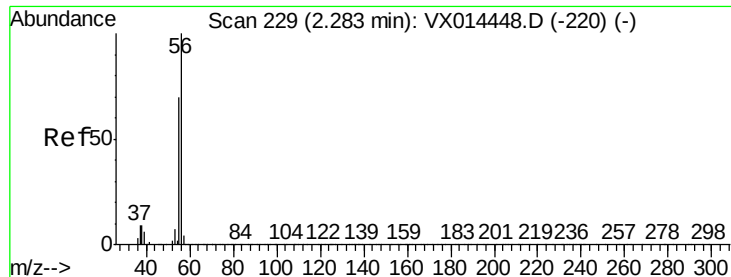


#12

1,1-Dichloroethene
Concen: 18.629 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	125.0	187.6
98	65.3	50.2	75.2





#13

Acrolein

Concen: 118.366 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 97821

Ion Ratio Lower Upper

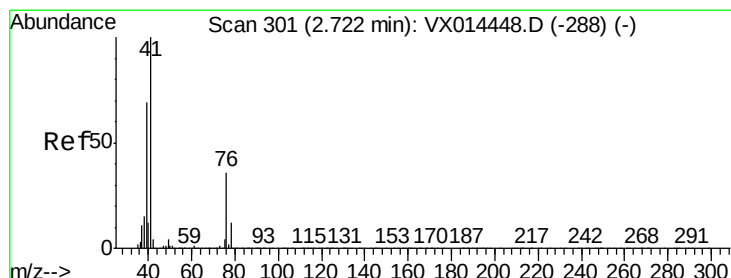
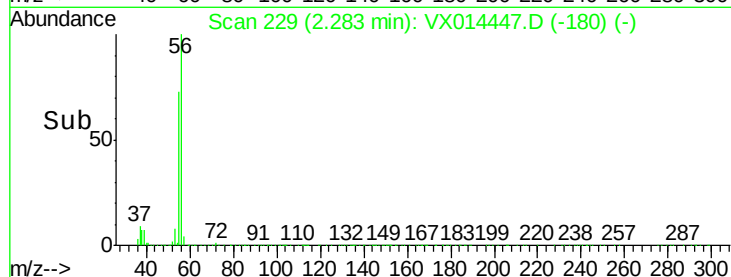
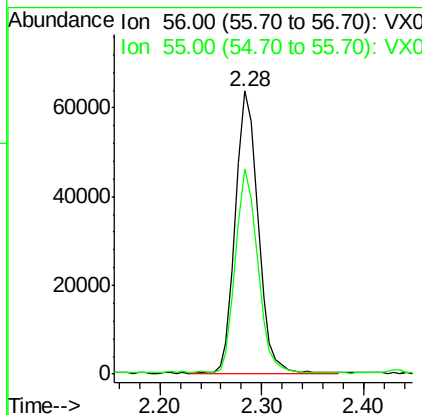
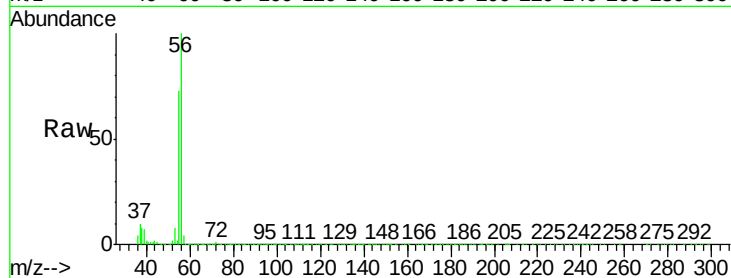
56 100

55 71.0 55.0 82.6

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#14

Allyl chloride

Concen: 18.944 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

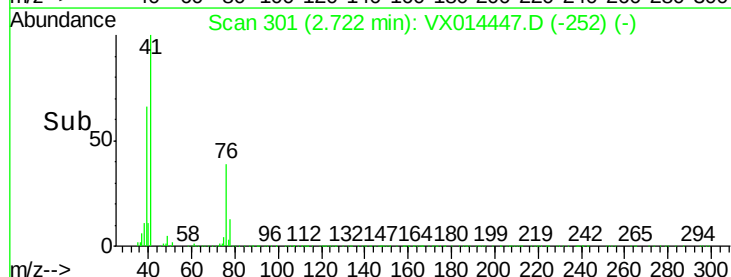
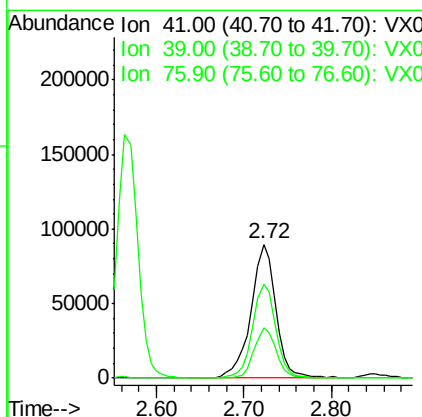
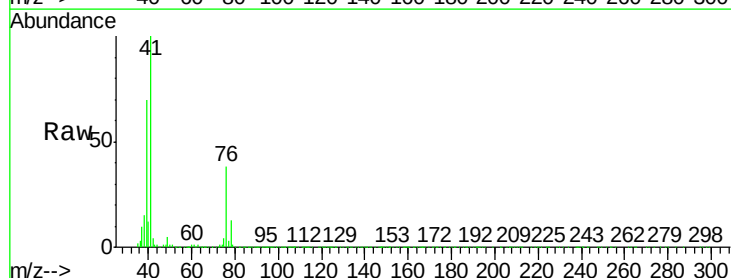
Tgt Ion: 41 Resp: 177759

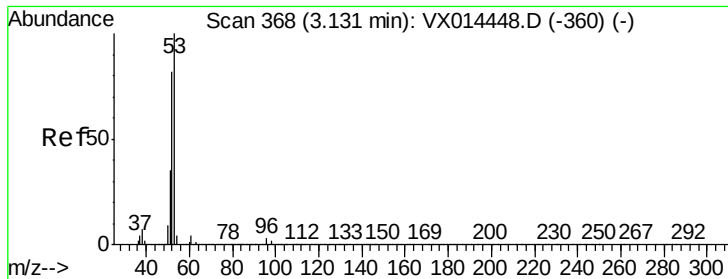
Ion Ratio Lower Upper

41 100

39 64.3 51.7 77.5

76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 94.136 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

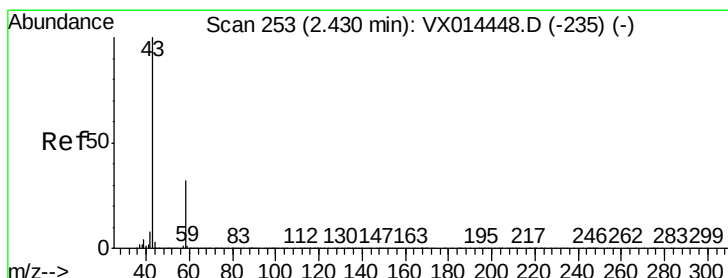
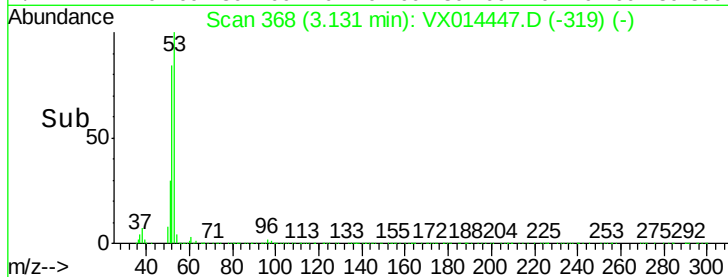
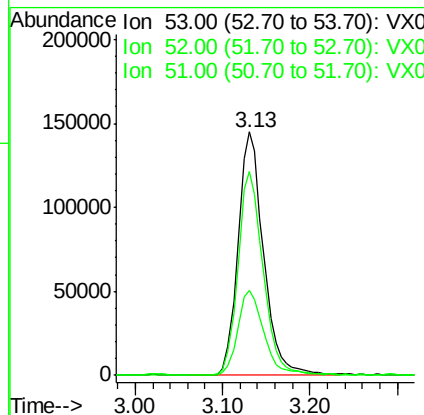
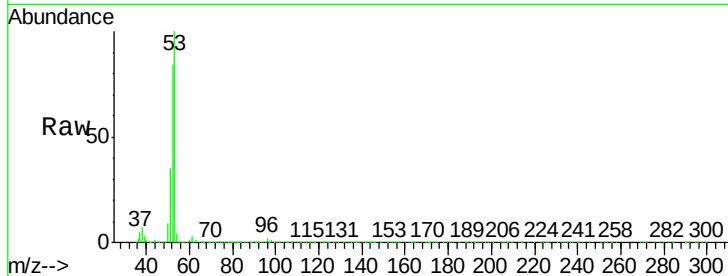
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	293461
Ion Ratio	Lower	Upper	
53	100		
52	82.7	67.0	100.4
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 80.057 ug/l

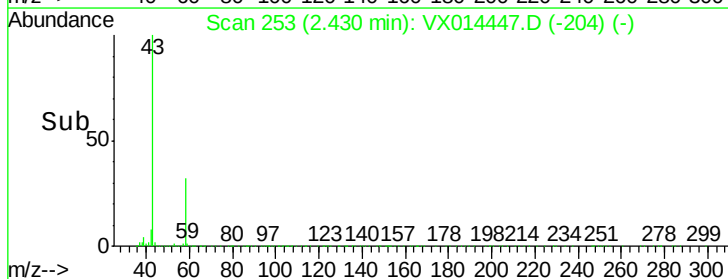
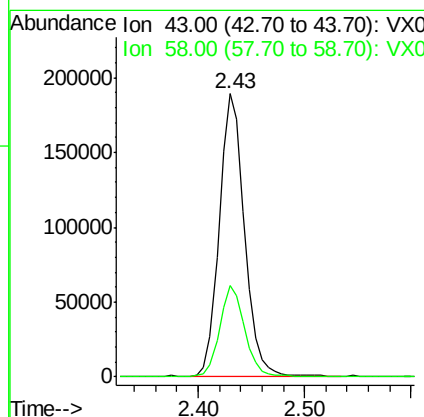
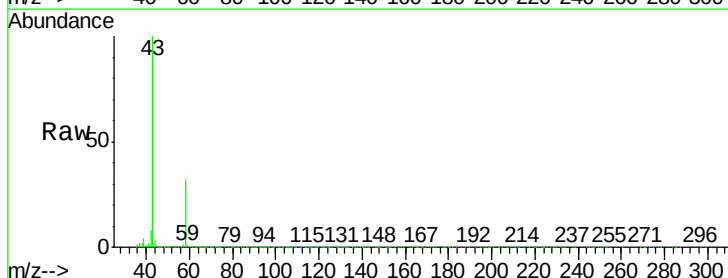
RT: 2.43 min Scan# 253

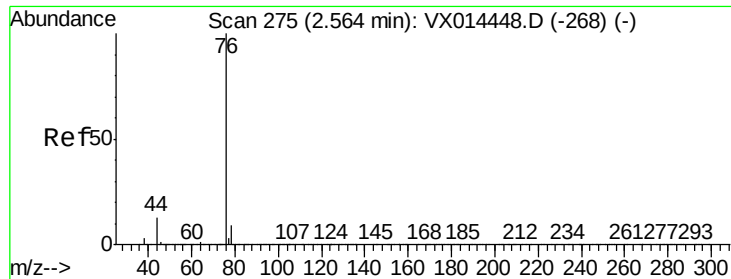
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	43	Resp:	308902
Ion Ratio	Lower	Upper	
43	100		
58	32.3	25.4	38.0





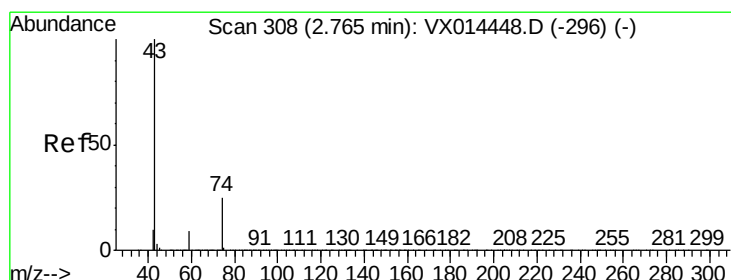
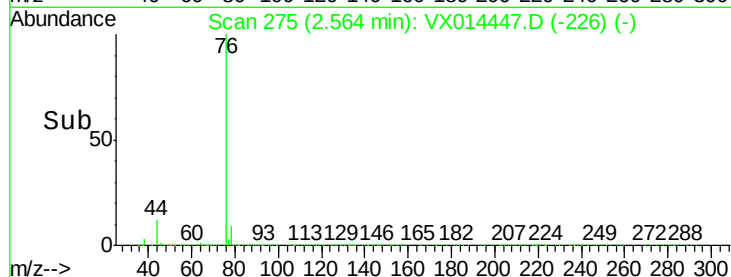
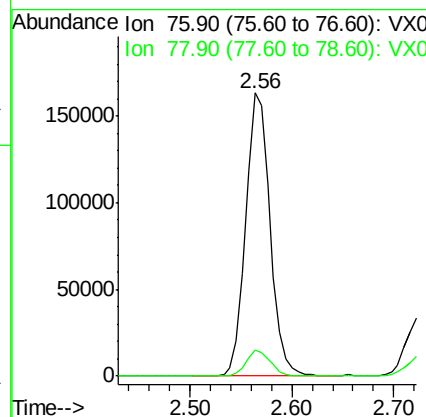
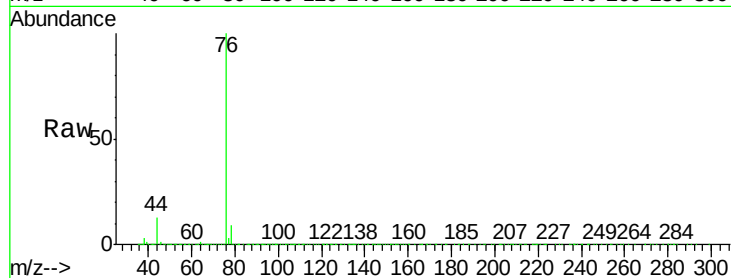
#17
Carbon Disulfide
Concen: 17.473 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

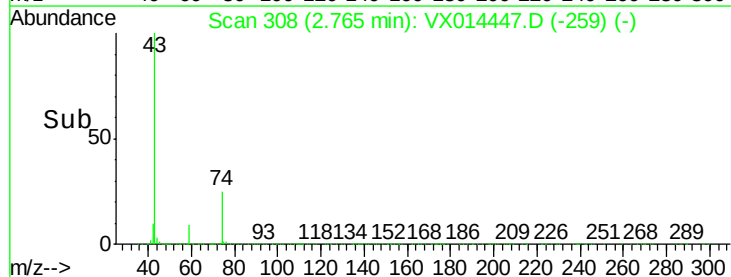
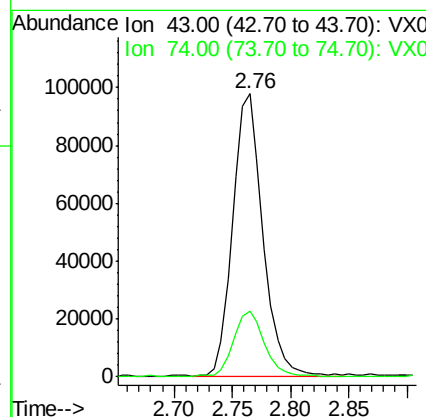
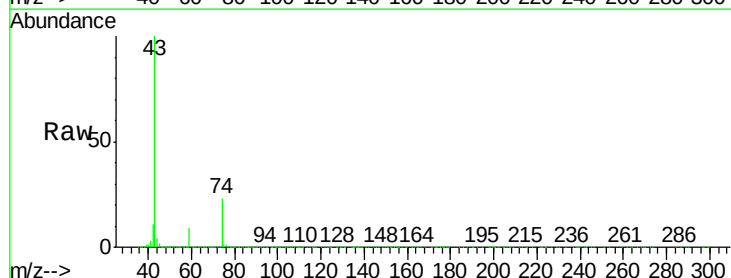
Manual Integrations
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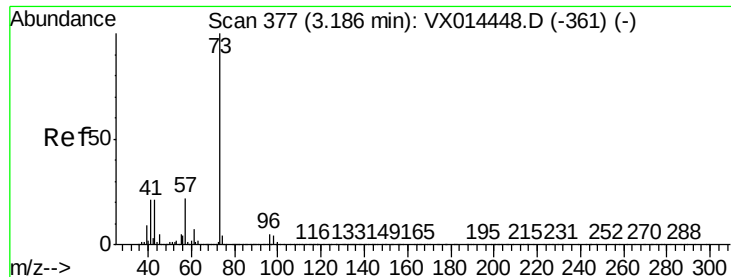
apatel
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#18
Methyl Acetate
Concen: 21.351 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





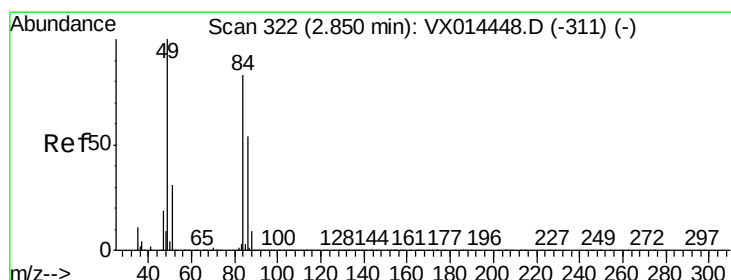
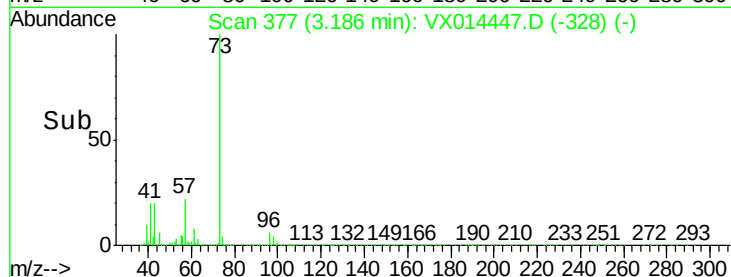
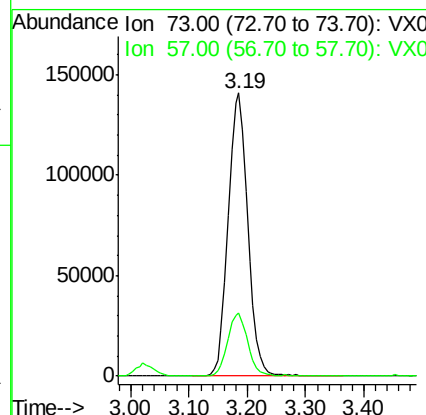
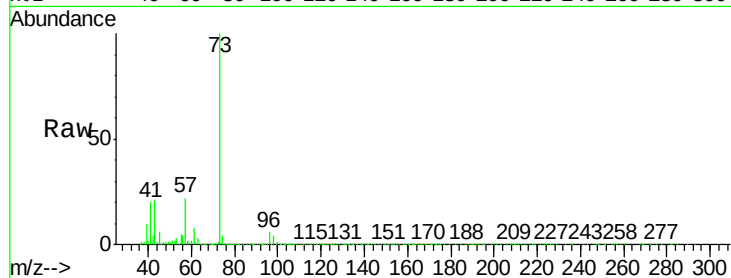
#19
Methyl tert-butyl Ether
Concen: 19.066 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8

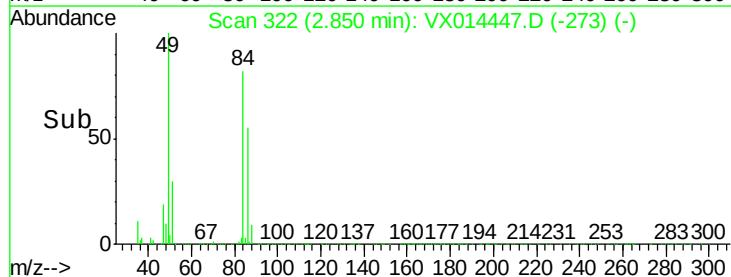
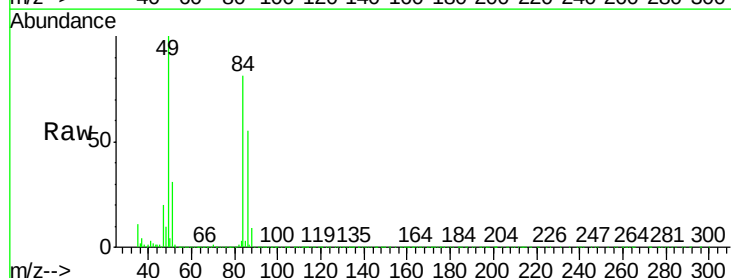
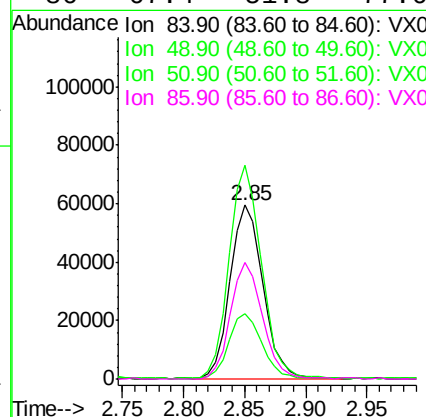
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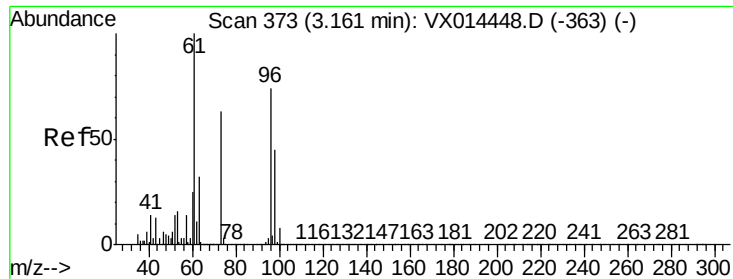
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#20
Methylene Chloride
Concen: 17.515 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	95.8	143.8
51	37.6	30.2	45.4
86	67.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.579 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

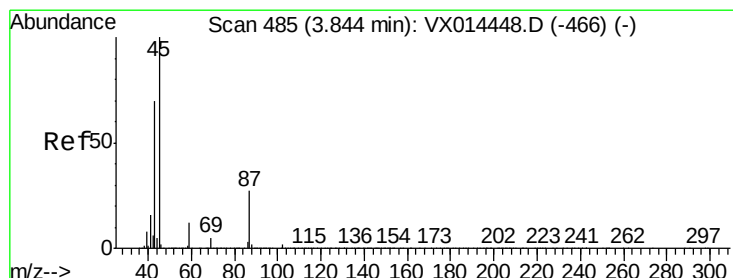
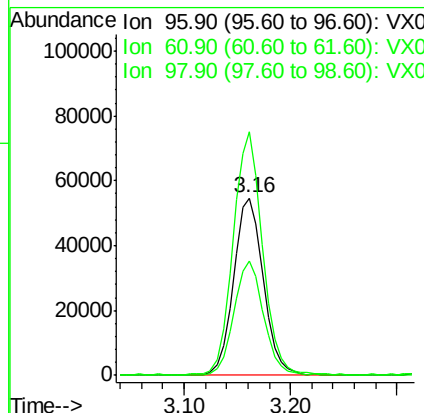
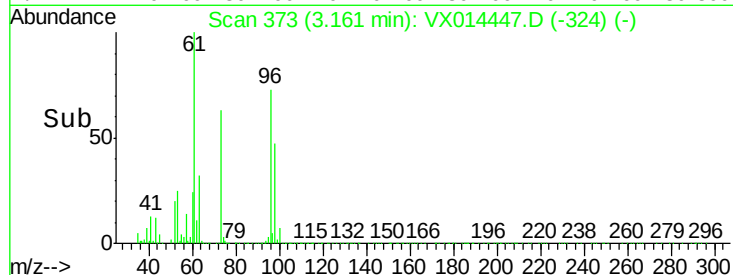
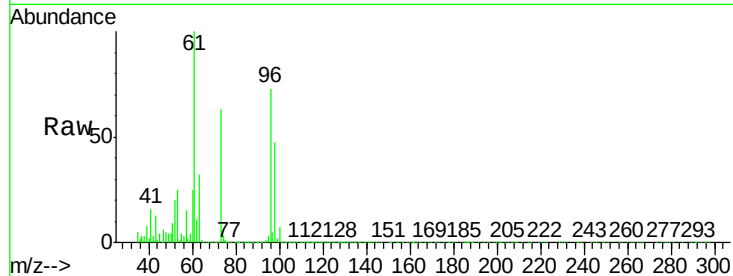
ClientSampled :

VSTDIC020

Tgt Ion:	96	Resp:	107630
Ion Ratio	Lower	Upper	
96	100		
61	136.5	108.2	162.4
98	64.8	48.8	73.2

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#22

Diisopropyl ether

Concen: 18.613 ug/l

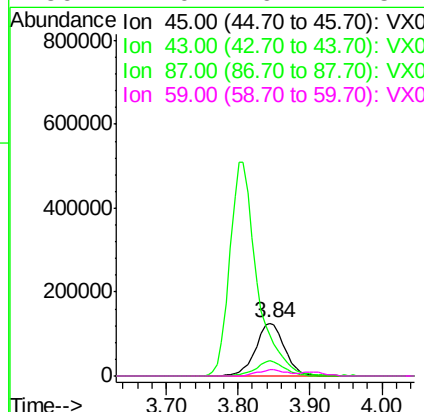
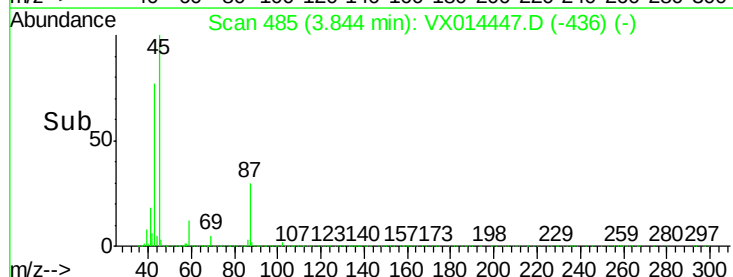
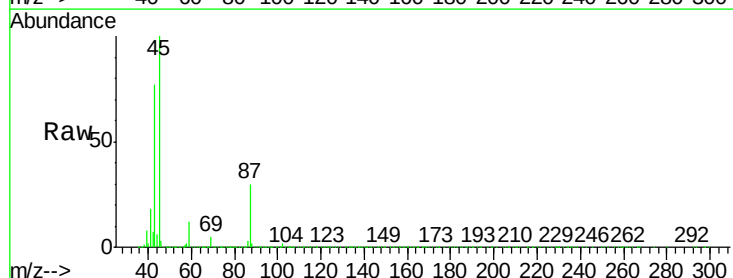
RT: 3.84 min Scan# 485

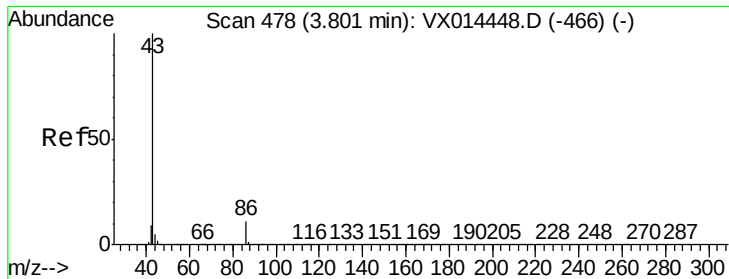
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	45	Resp:	347277
Ion Ratio	Lower	Upper	
45	100		
43	77.4	55.8	83.6
87	29.8	21.8	32.8
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 89.902 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 1351418

Ion Ratio Lower Upper

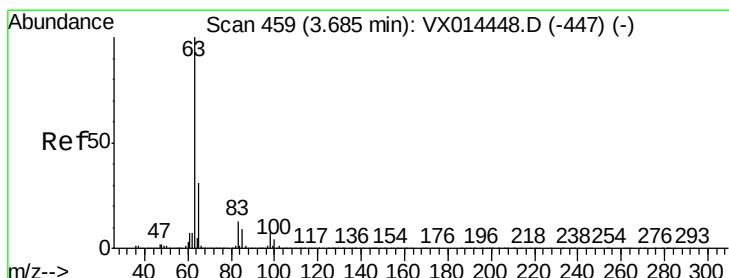
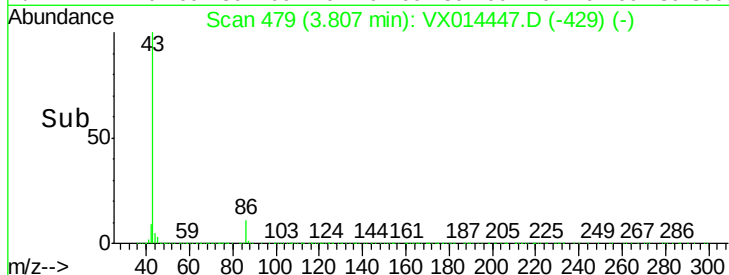
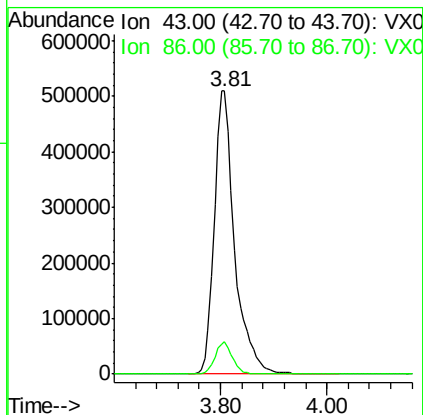
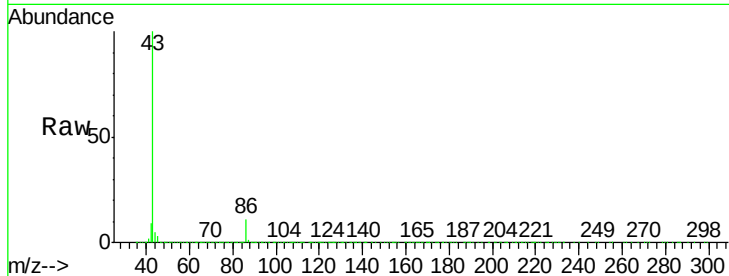
43 100

86 11.3 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 18.166 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

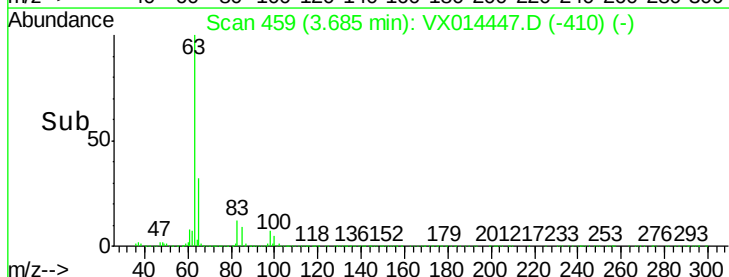
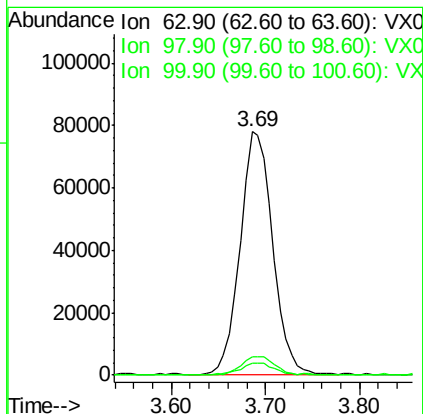
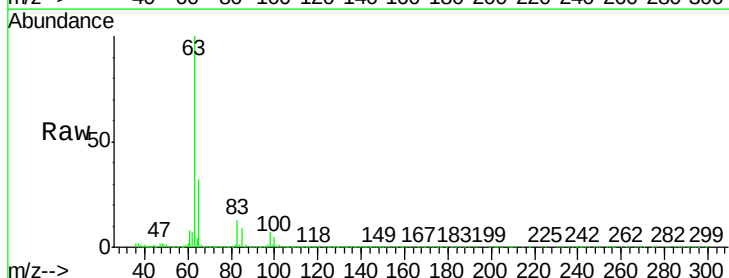
Tgt Ion: 63 Resp: 188657

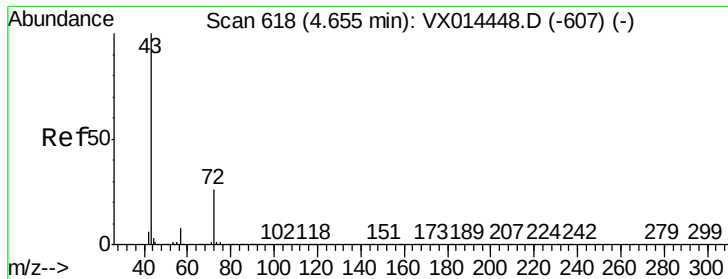
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.0 2.3 6.8





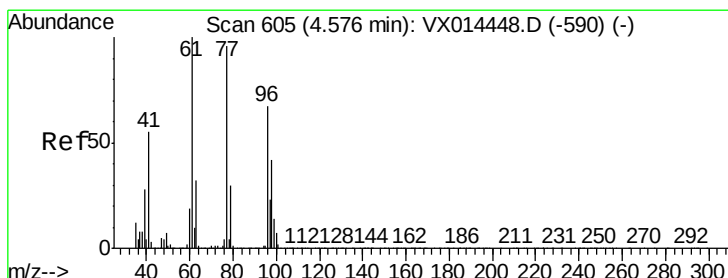
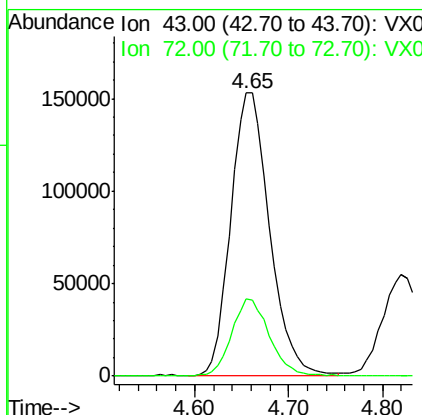
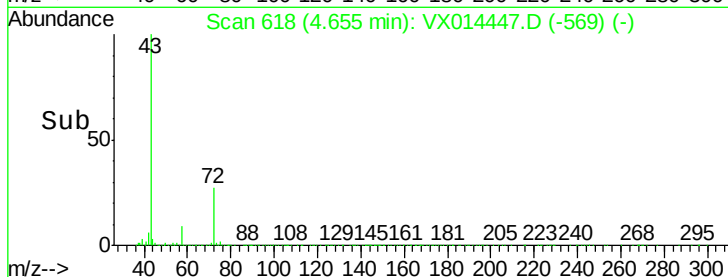
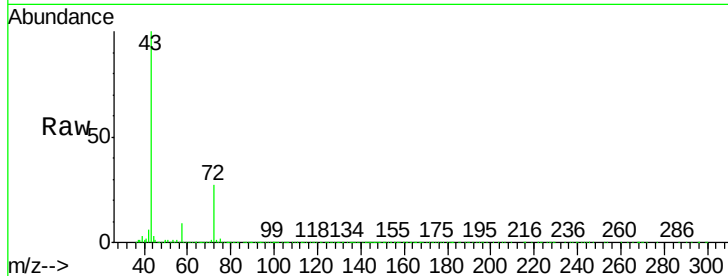
#25
2-Butanone
Concen: 89.819 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 437499
Ion Ratio Lower Upper
43 100
72 27.0 20.6 31.0

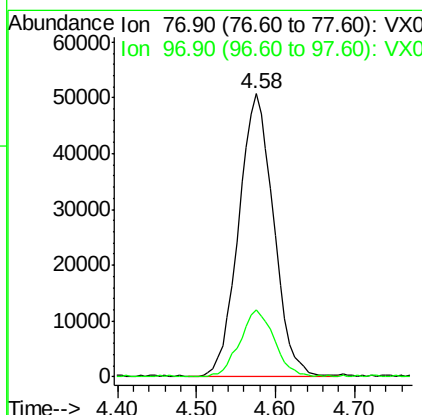
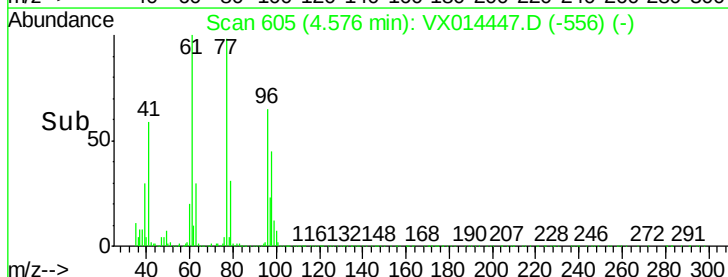
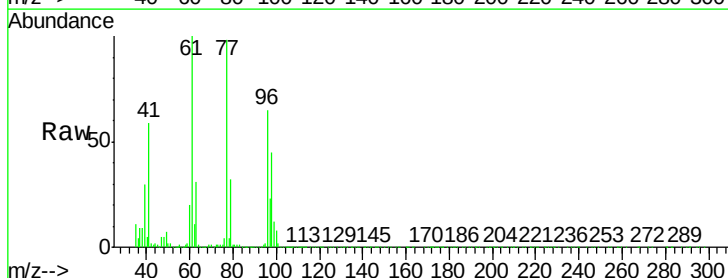
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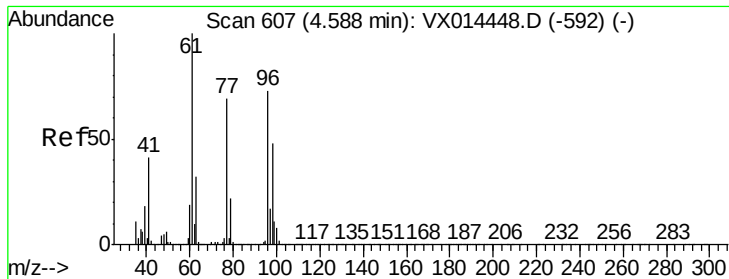
apatel
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#26
2,2-Dichloropropane
Concen: 19.072 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 77 Resp: 154979
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27

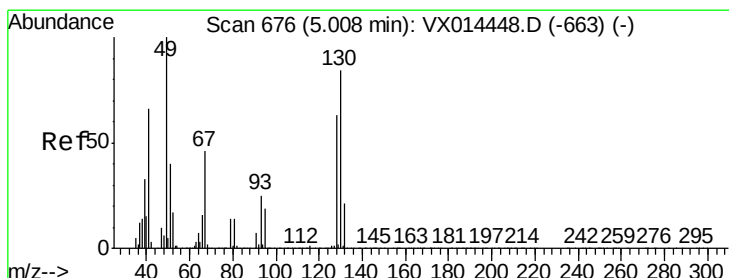
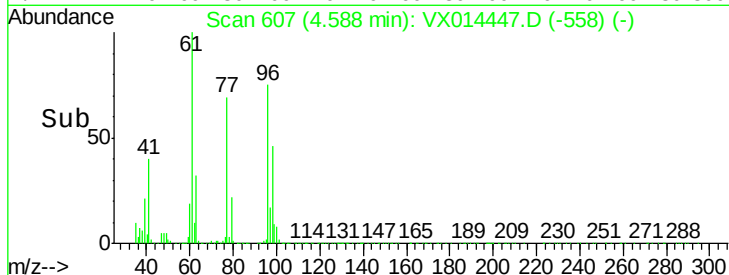
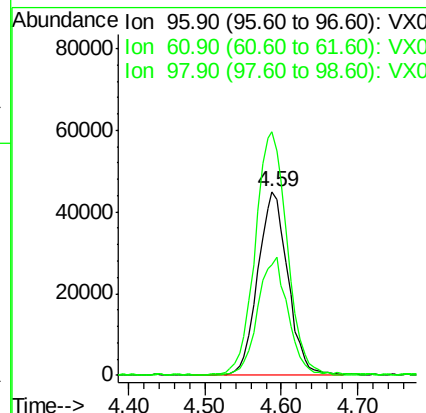
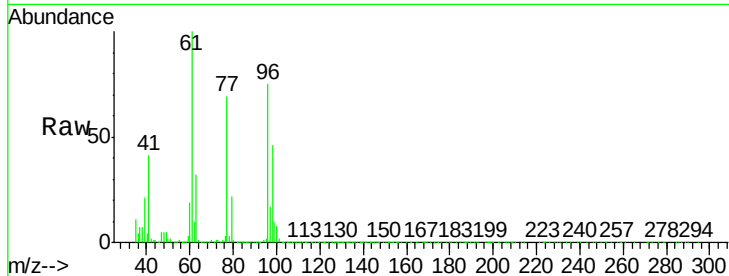
cis-1,2-Dichloroethene
Concen: 18.889 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	123620		
61	141.2	0.0	285.4	
98	63.8	0.0	130.6	

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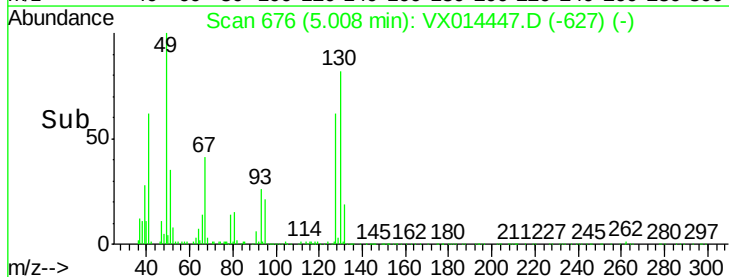
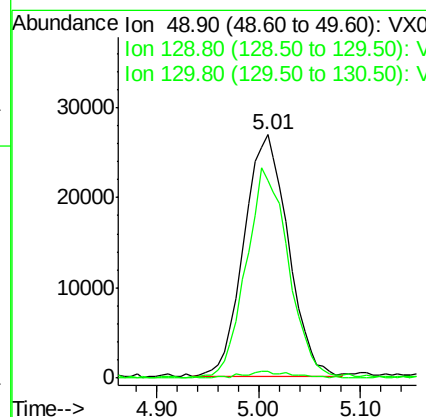
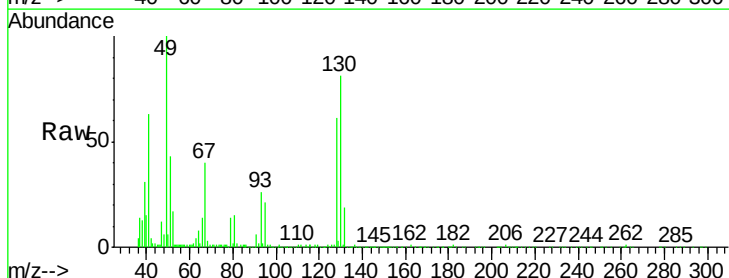
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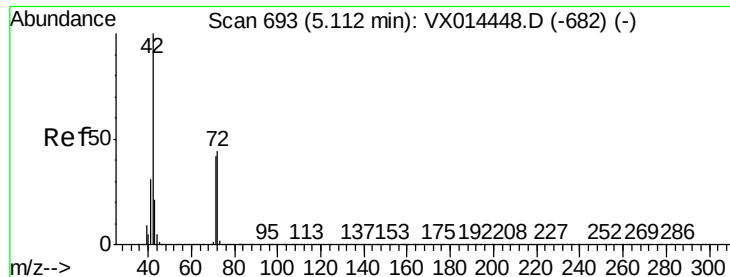


#28

Bromochloromethane
Concen: 22.292 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80131		
129	2.9	0.0	4.4	
130	83.2	67.0	100.4	





#29

Tetrahydrofuran

Concen: 94.614 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

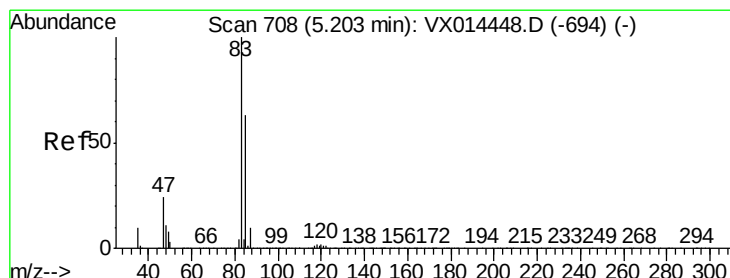
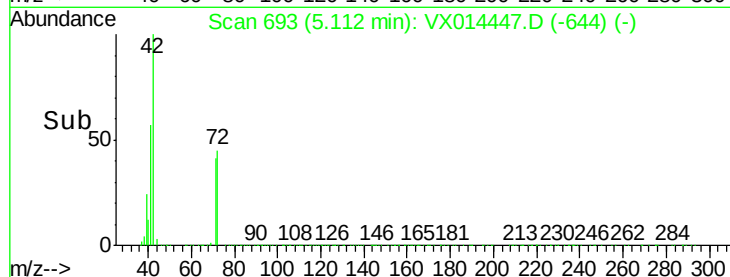
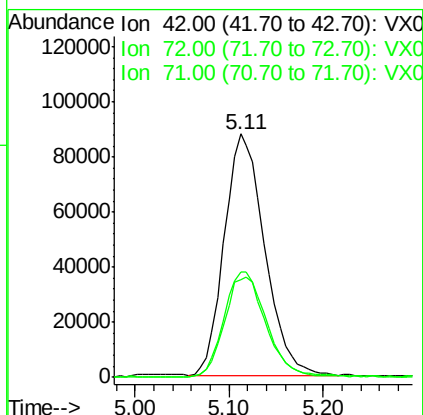
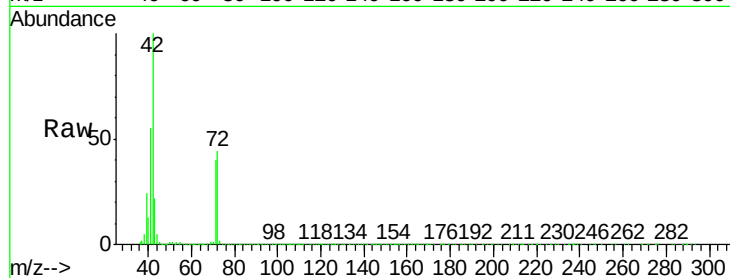
ClientSampleId :

VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.2	54.4
71	42.6	34.1	51.1

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#30

Chloroform

Concen: 18.710 ug/l

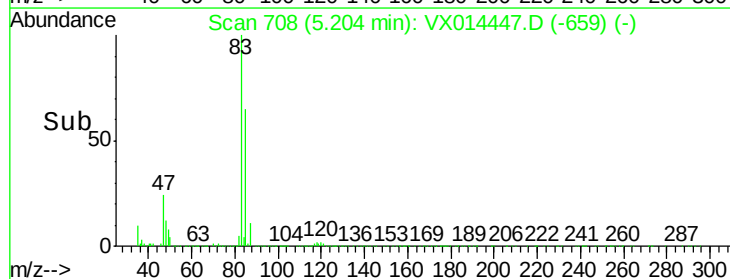
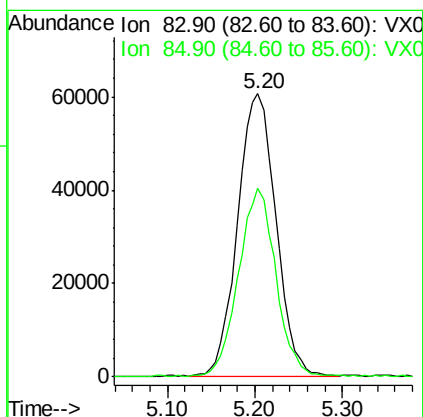
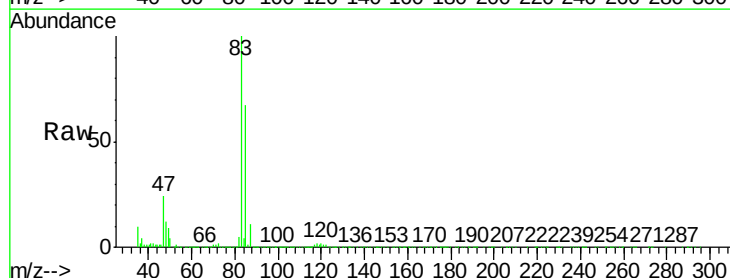
RT: 5.20 min Scan# 708

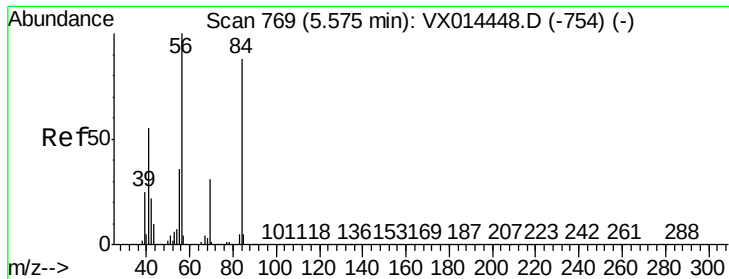
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.6	75.8





#31

Cyclohexane

Concen: 19.059 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

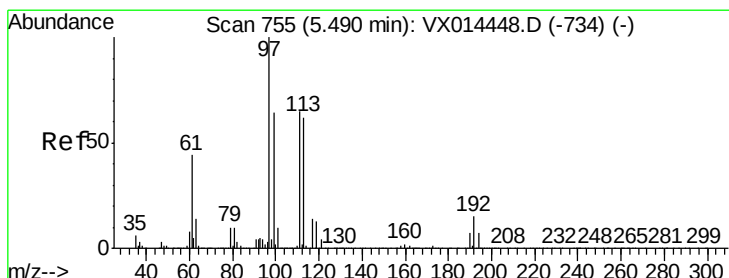
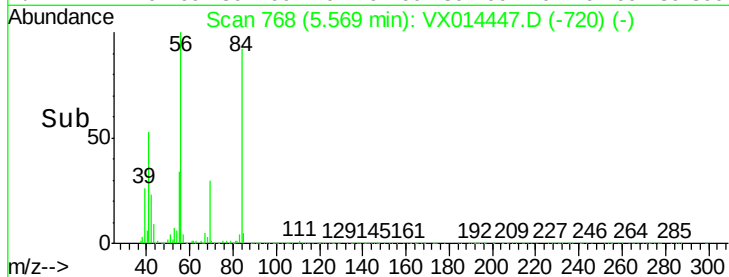
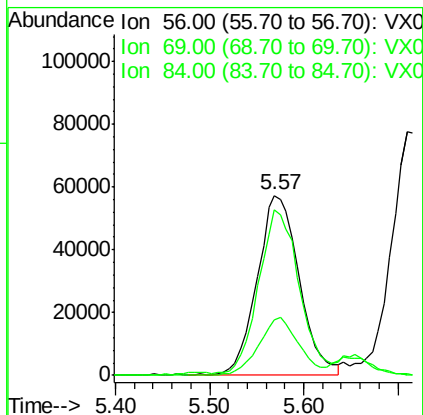
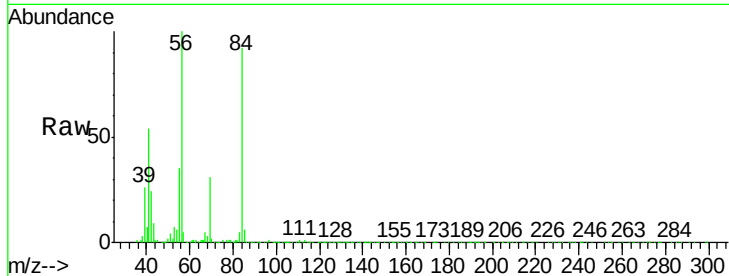
ClientSampleId :

VSTDIC020

Tgt Ion:	56	Resp:	177507
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	90.7	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 18.312 ug/l

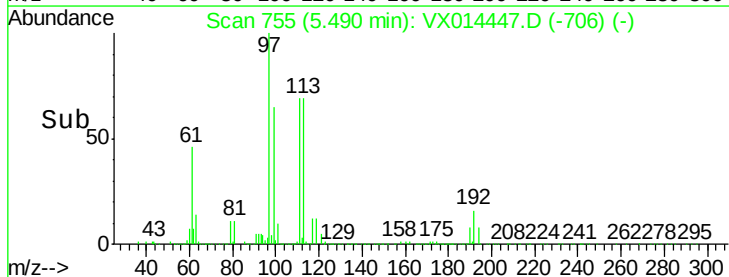
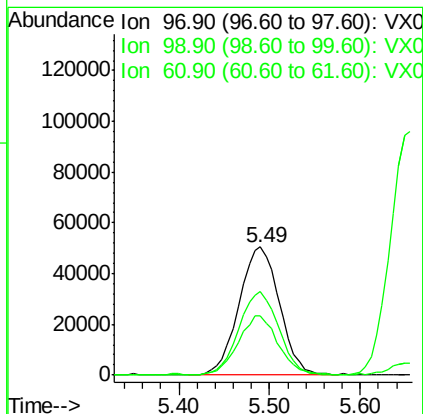
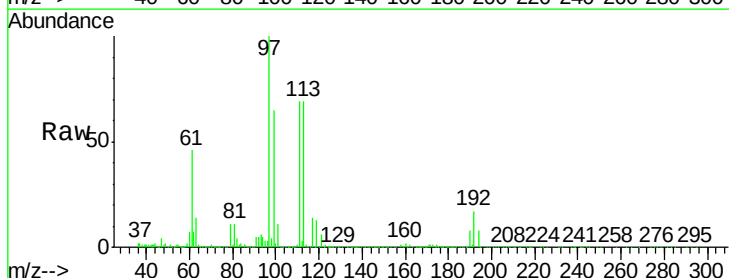
RT: 5.49 min Scan# 755

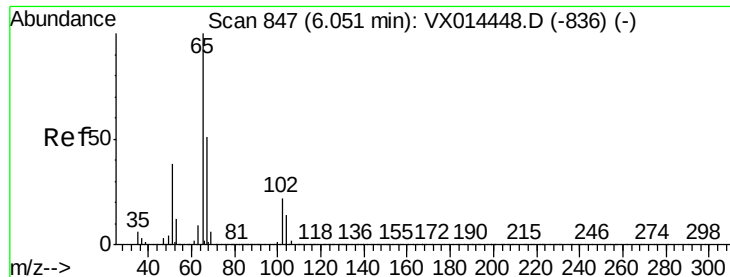
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	97	Resp:	154057
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.6
61	46.6	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 19.439 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tgt Ion: 65 Resp: 118938
Ion Ratio Lower Upper

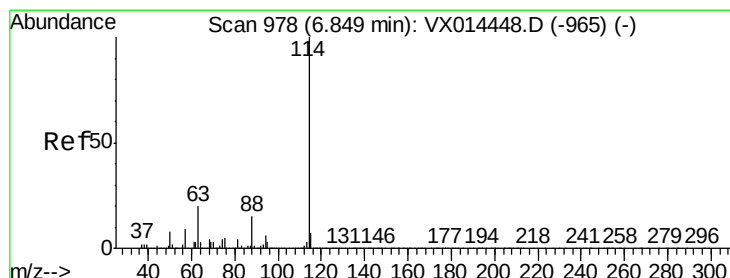
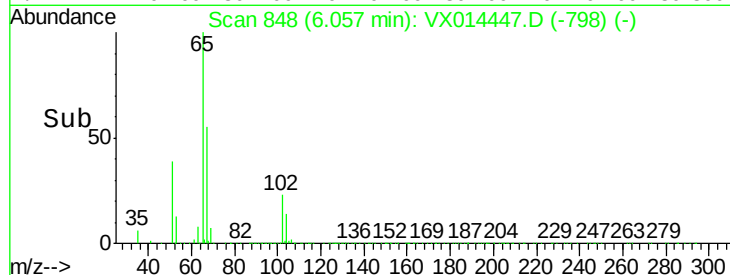
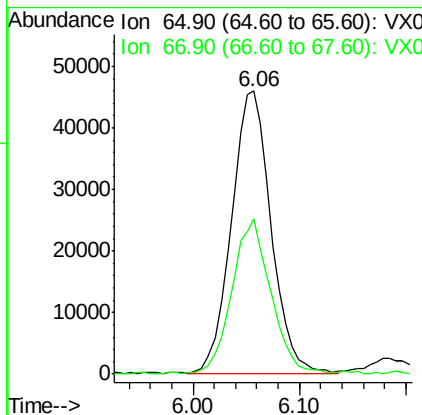
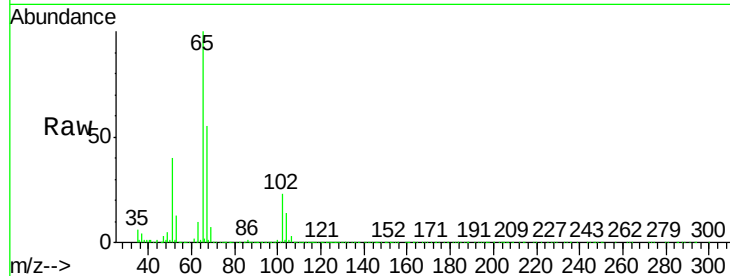
65 100

67 54.5 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014447.D

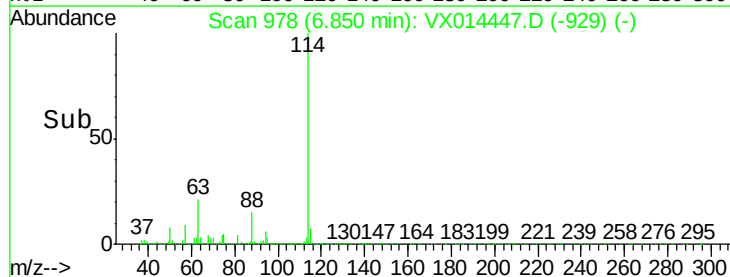
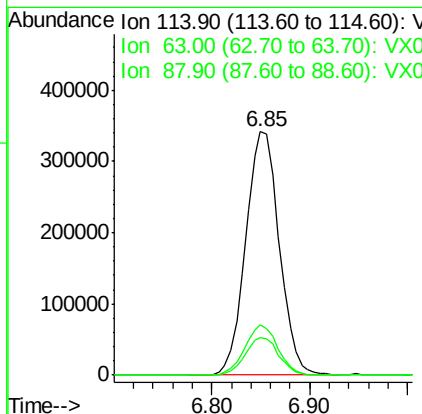
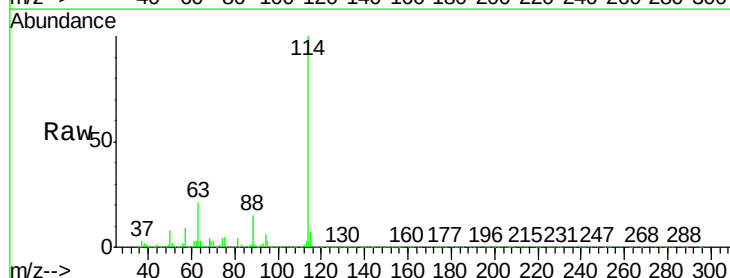
Acq: 07 Jan 2020 14:21

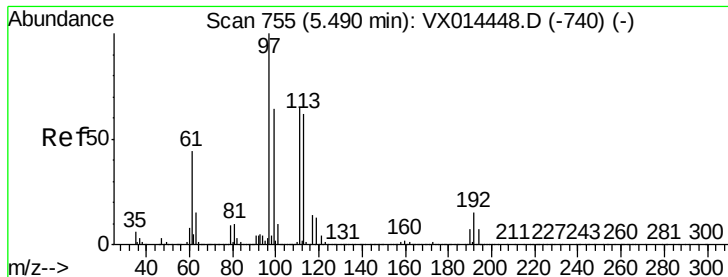
Tgt Ion: 114 Resp: 812658
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 19.949 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

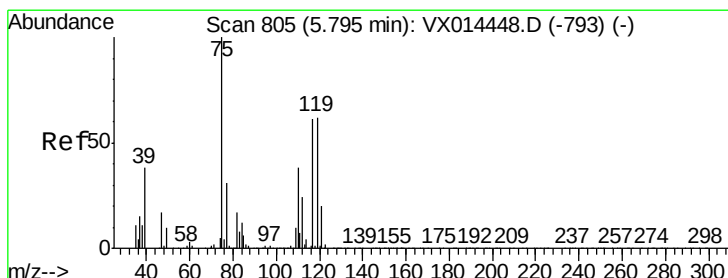
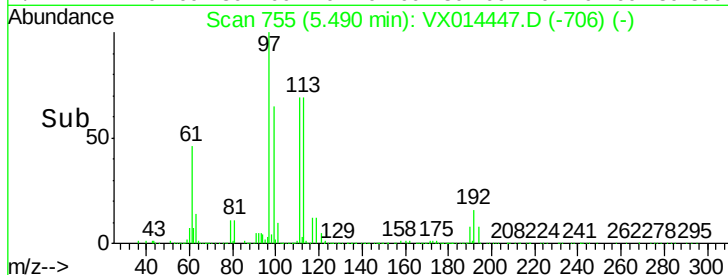
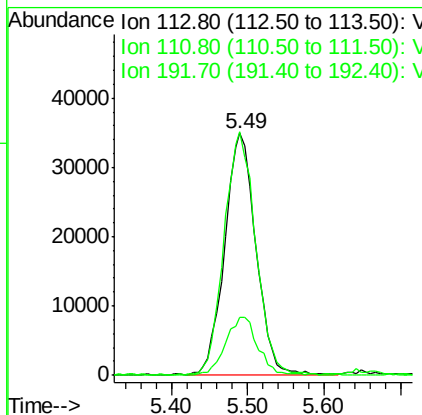
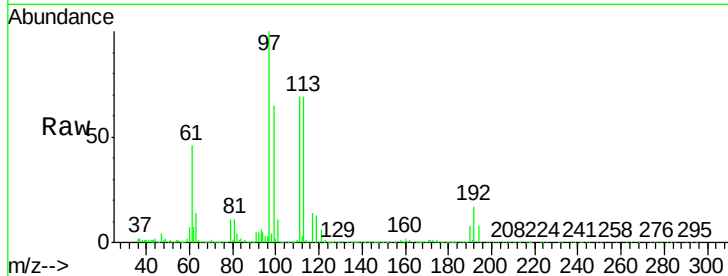
ClientSampled :

VSTDIC020

Tgt Ion:	113	Resp:	98398
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.5	122.3
192	24.9	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 18.878 ug/l

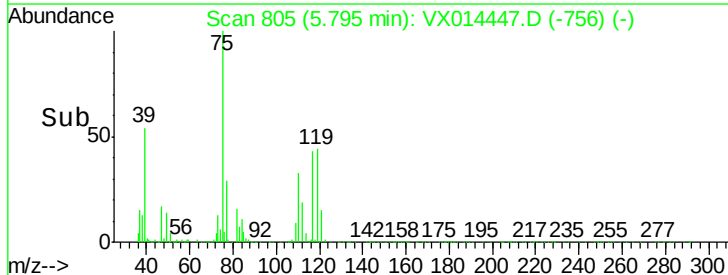
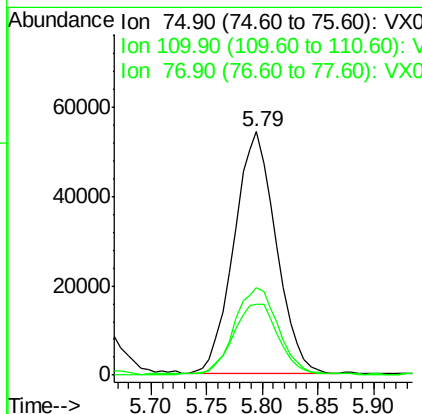
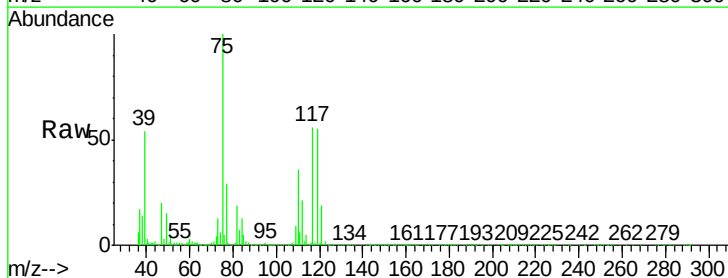
RT: 5.79 min Scan# 805

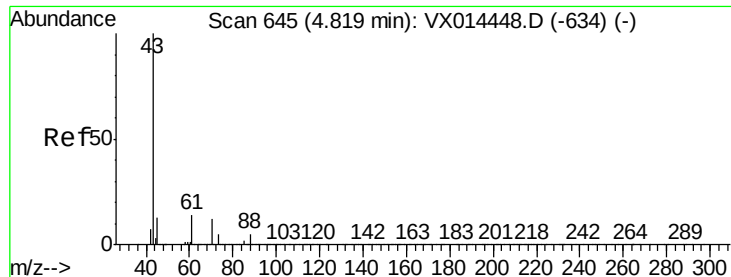
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	75	Resp:	141974
Ion Ratio	Lower	Upper	
75	100		
110	38.2	18.6	55.8
77	30.6	24.5	36.7





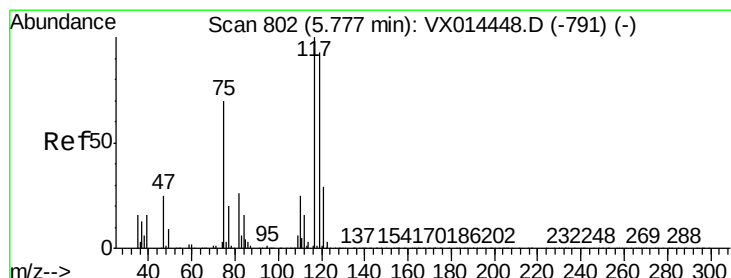
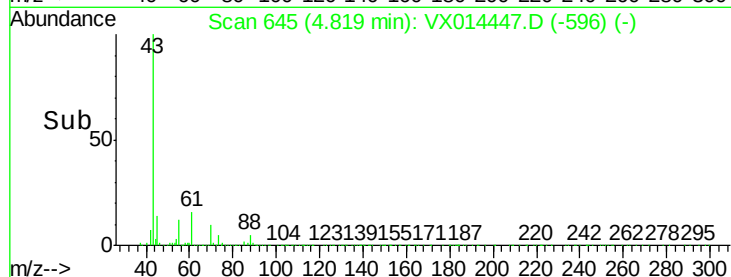
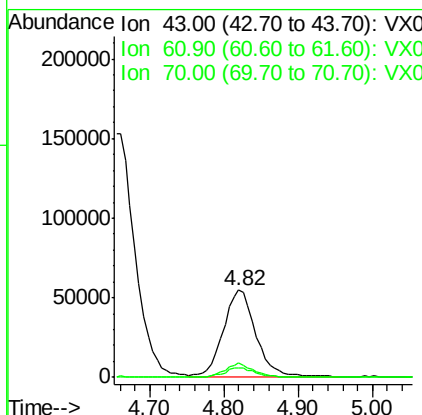
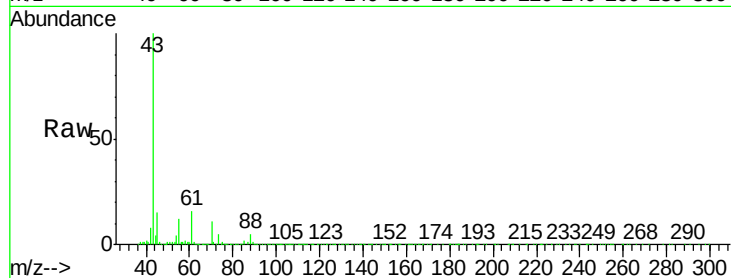
#37
Ethyl Acetate
Concen: 19.668 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.7	8.9	13.3

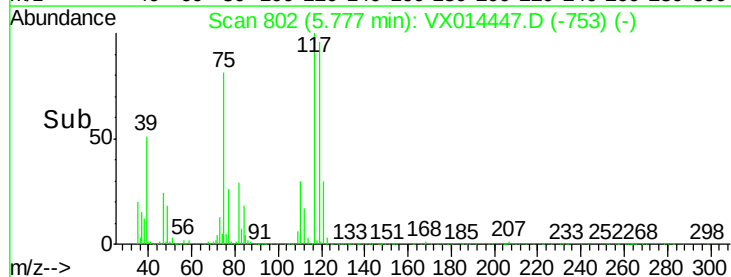
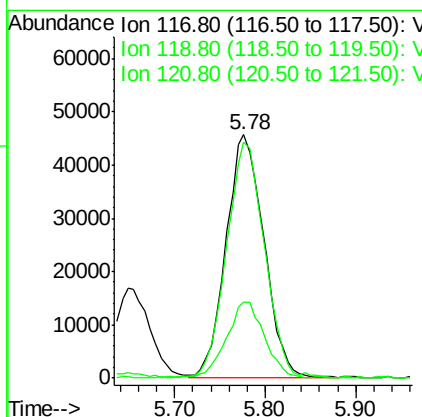
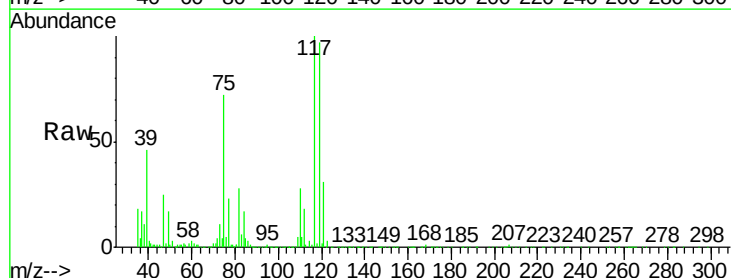
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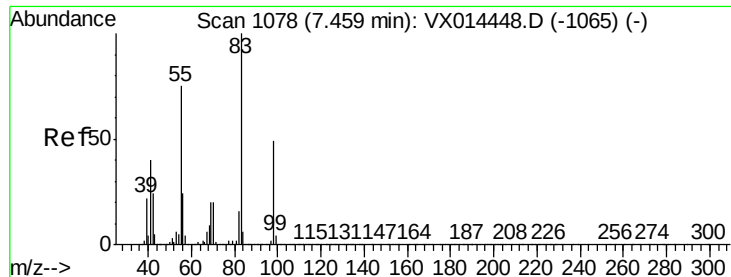
apatel
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#38
Carbon Tetrachloride
Concen: 19.280 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.8	110.8
121	30.7	23.4	35.0





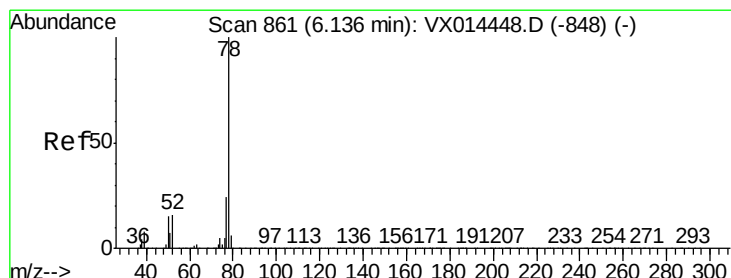
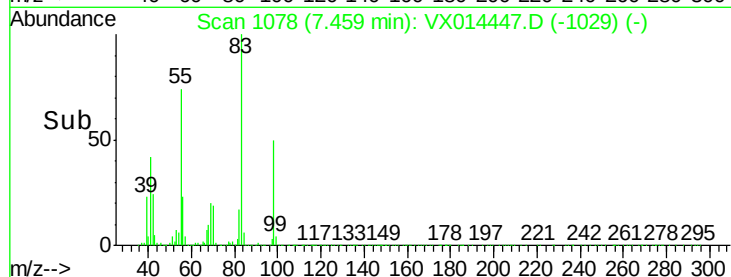
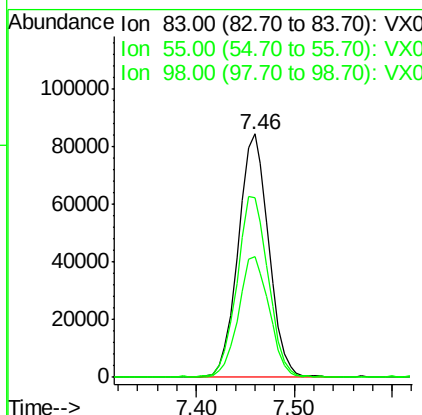
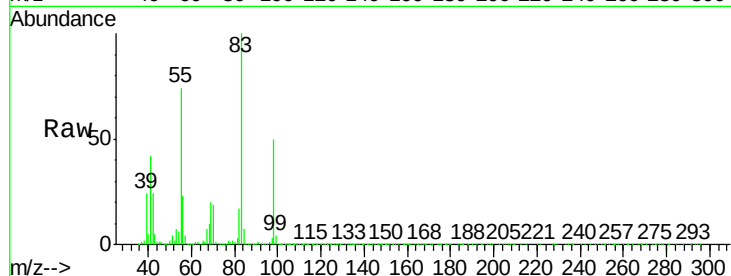
#39
Methylcyclohexane
Concen: 19.379 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.7	89.5
98	49.7	39.1	58.7

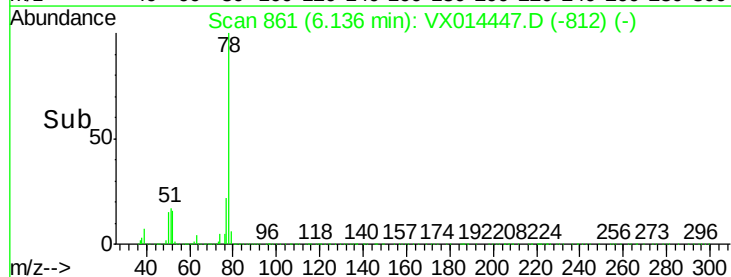
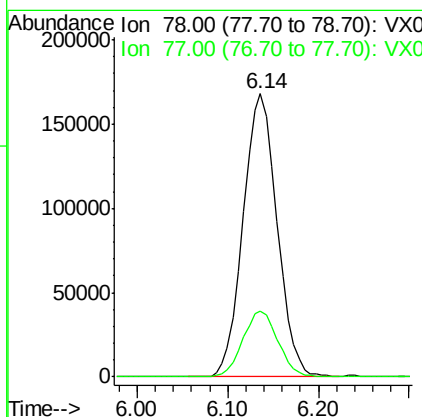
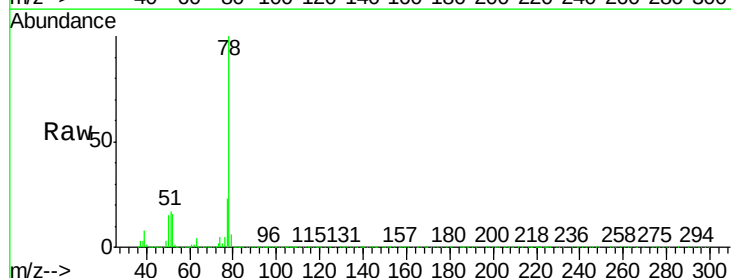
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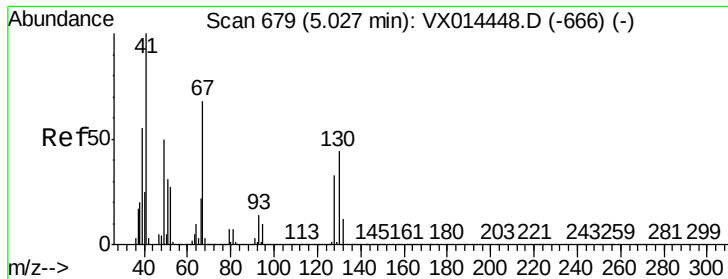
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#40
Benzene
Concen: 18.835 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





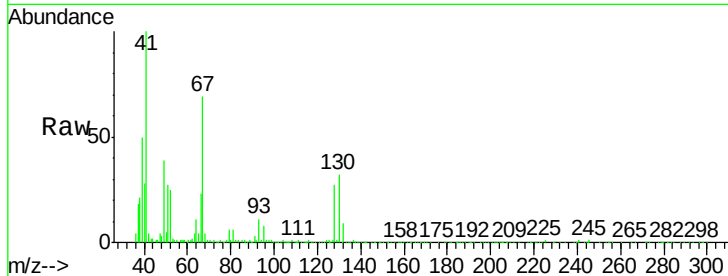
#41
Methacrylonitrile
Concen: 19.145 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.6	65.4
67	71.4	57.9	86.9
52	27.5	23.0	34.6

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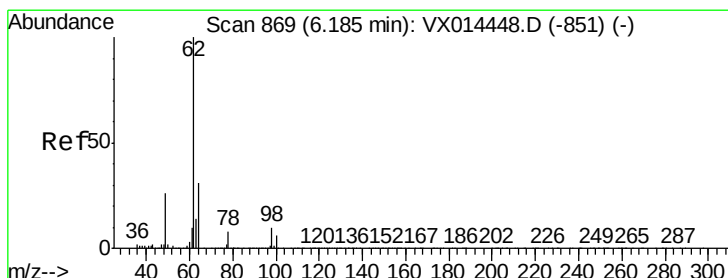
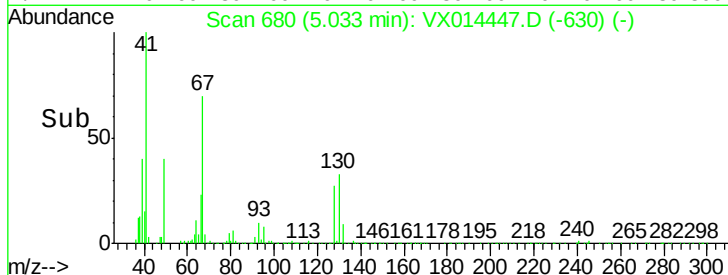
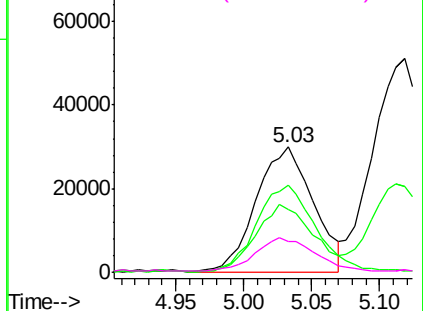
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

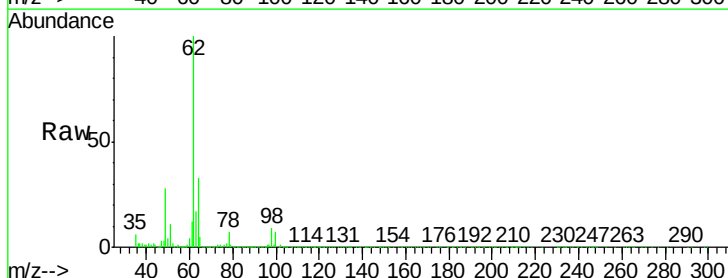
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.379 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

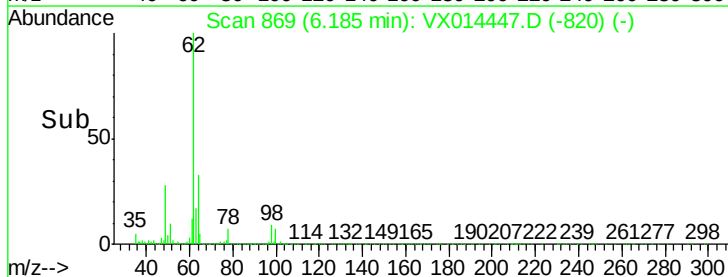
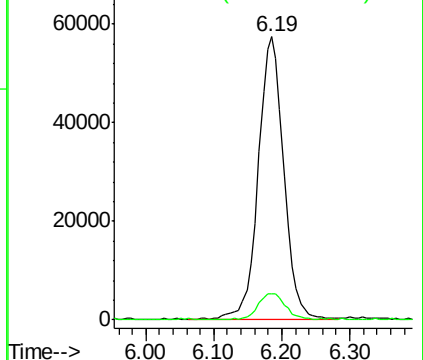
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

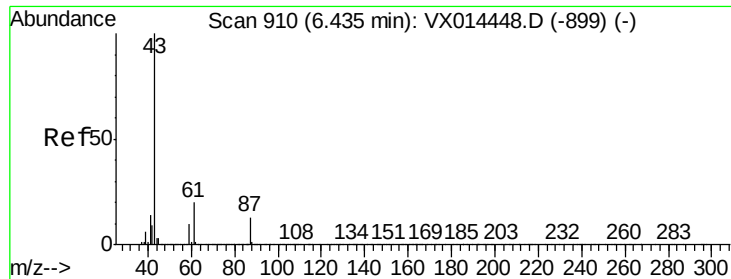


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





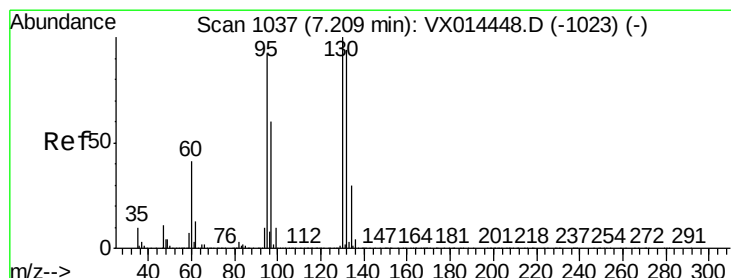
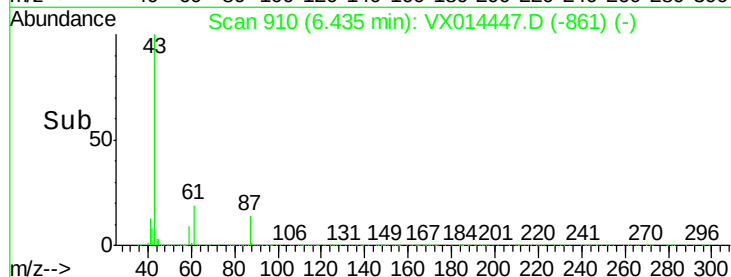
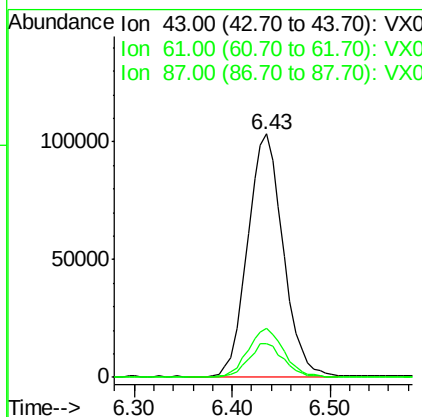
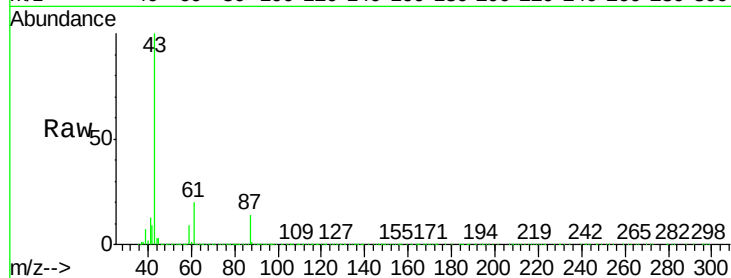
#43
Isopropyl Acetate
Concen: 18.976 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	13.6	10.8	16.2

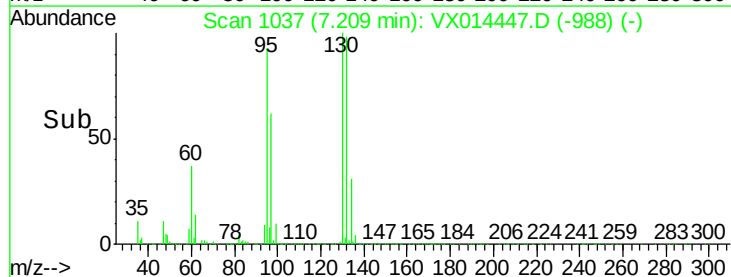
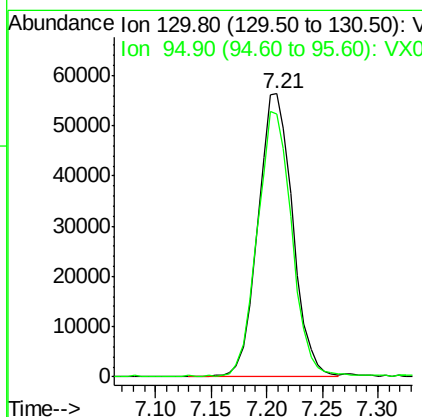
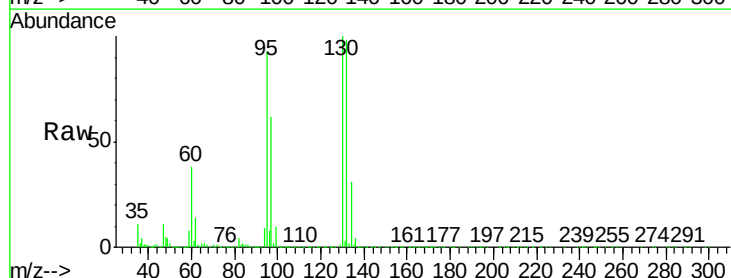
Manual Integrations
APPROVED

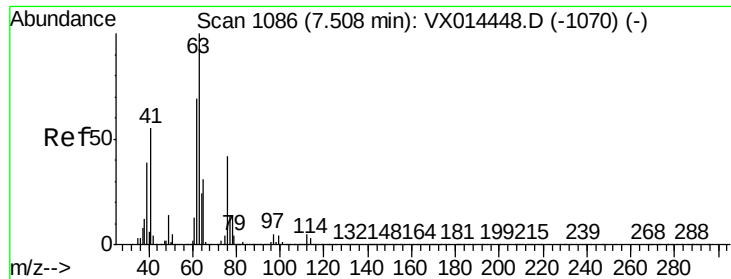
apatel
1/8/2020 9:15:50 AM



#44
Trichloroethene
Concen: 18.981 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	184.2





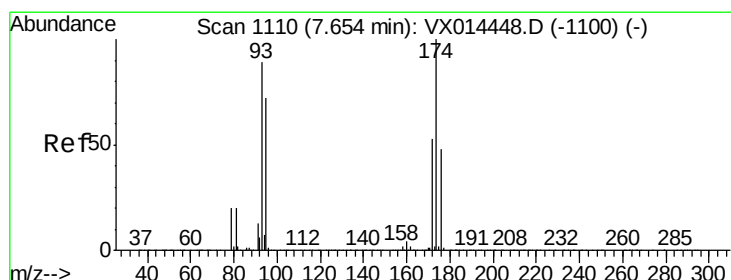
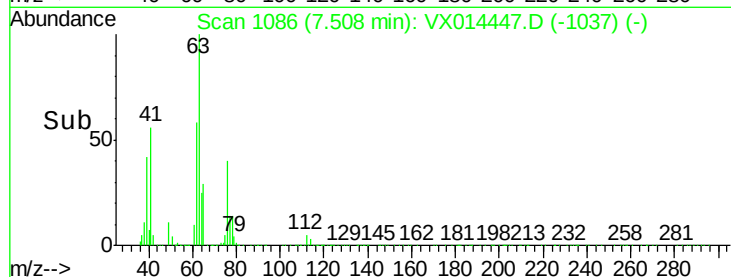
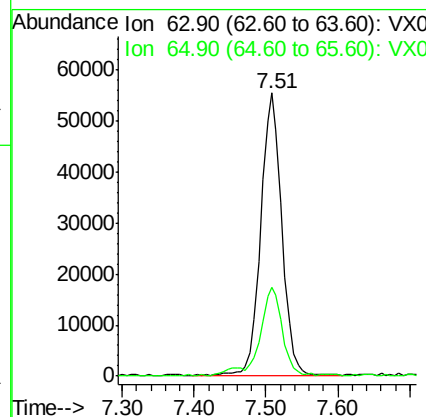
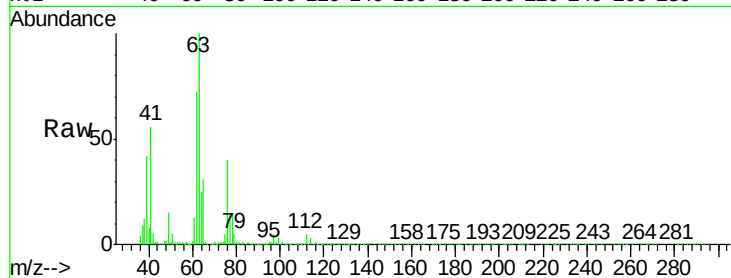
#45
 1,2-Dichloropropane
 Concen: 19.033 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.8	37.2

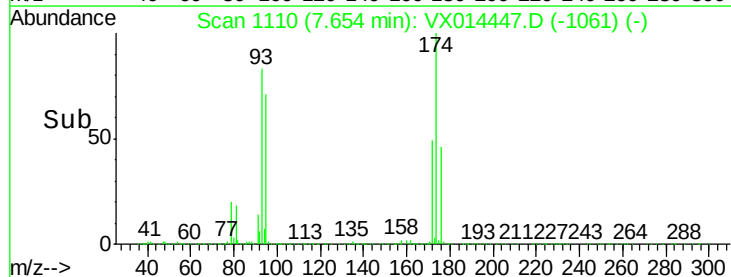
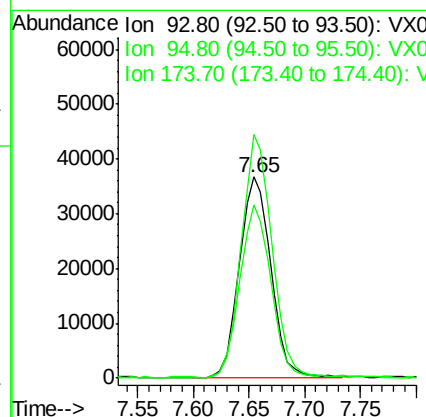
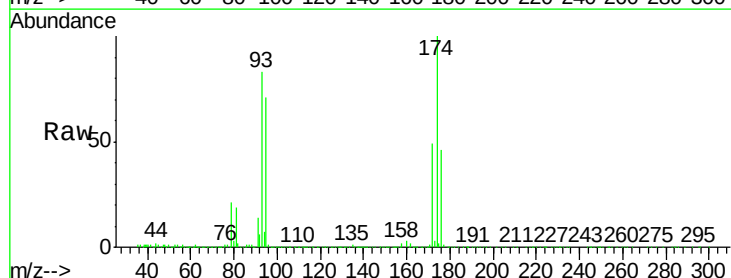
Manual Integrations
 APPROVED

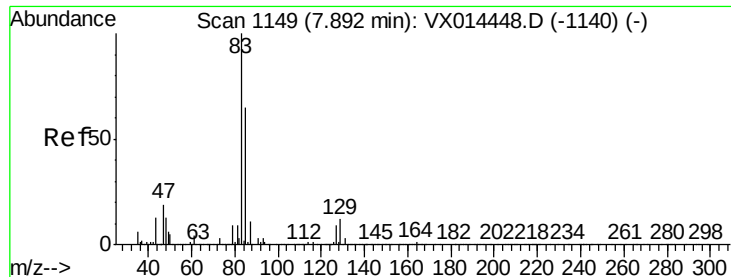
apatel
 1/8/2020 9:15:50 AM



#46
 Dibromomethane
 Concen: 18.506 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.4	98.2
174	117.3	93.0	139.4





#47

Bromodichloromethane

Concen: 18.709 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

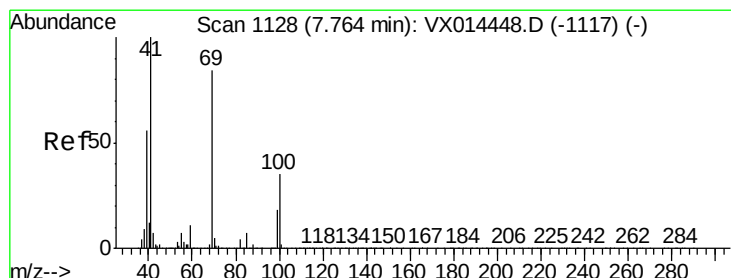
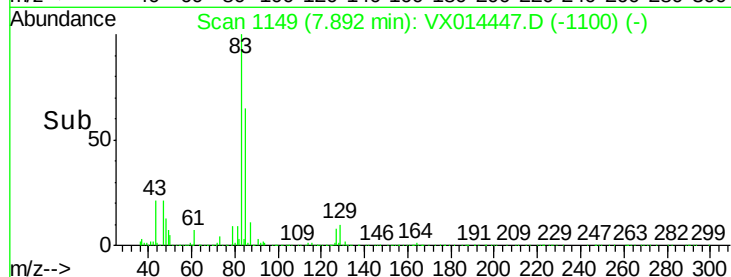
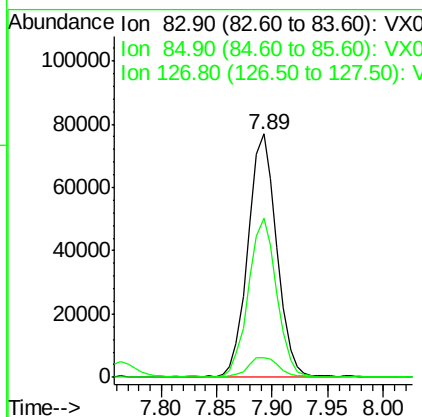
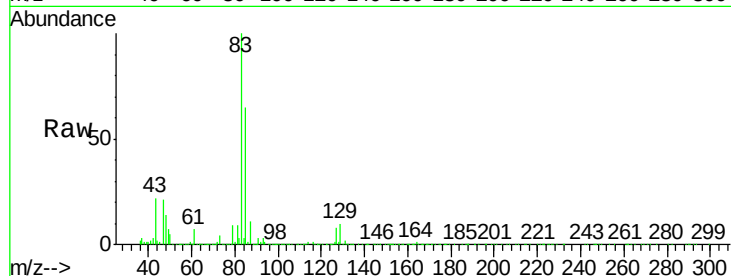
ClientSampled :

VSTDIC020

Tgt Ion:	83	Resp:	137929
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5
127	8.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.725 ug/l

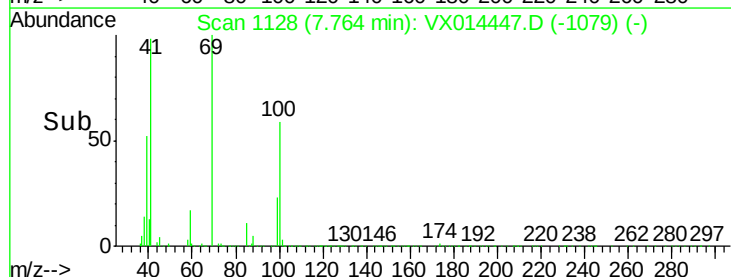
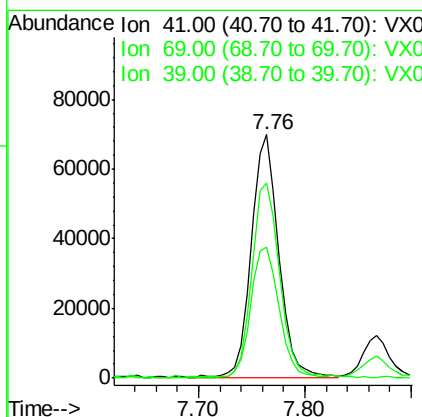
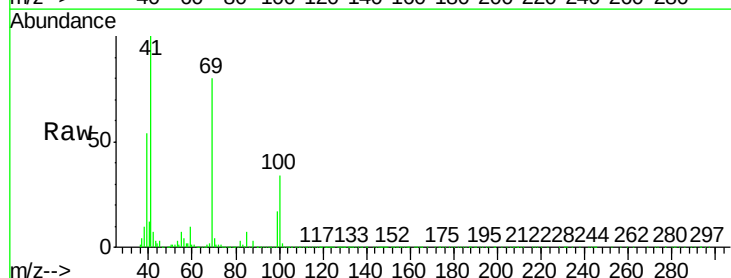
RT: 7.76 min Scan# 1128

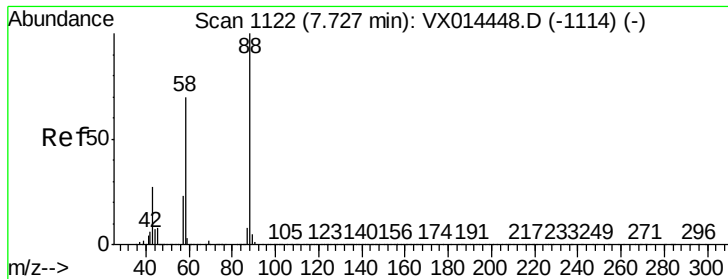
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	41	Resp:	125447
Ion	Ratio	Lower	Upper
41	100		
69	82.8	65.5	98.3
39	55.6	43.9	65.9





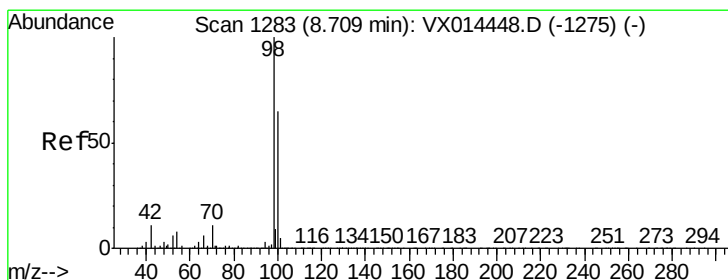
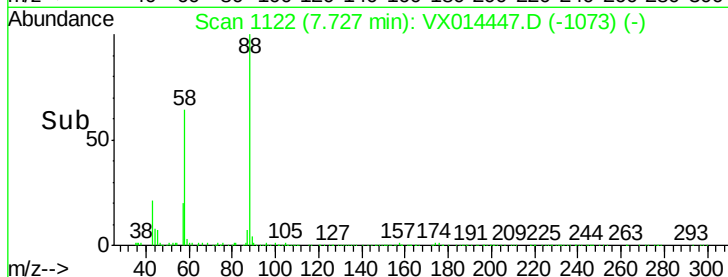
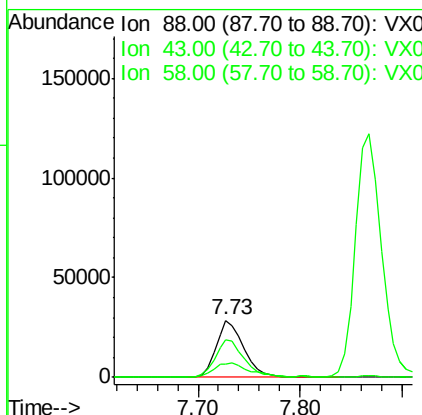
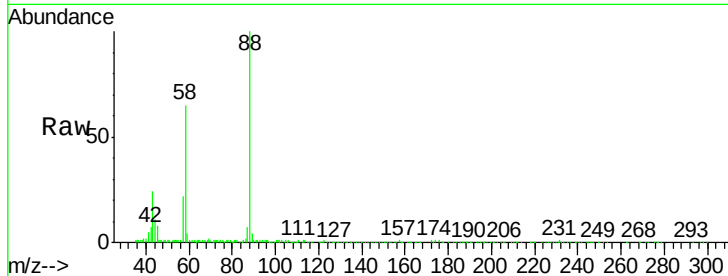
#49
1,4-Dioxane
Concen: 387.828 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.4	41.0
58	69.8	57.1	85.7

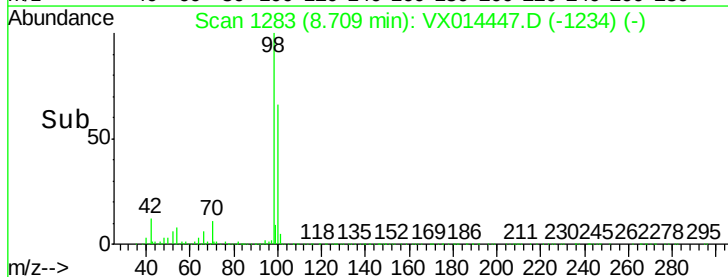
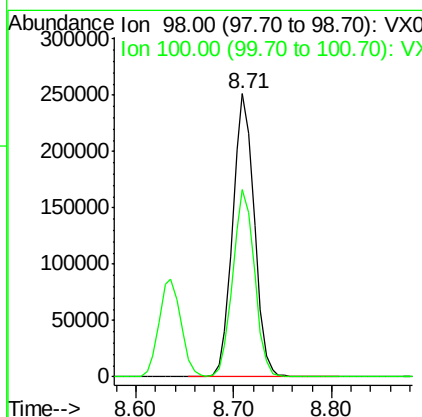
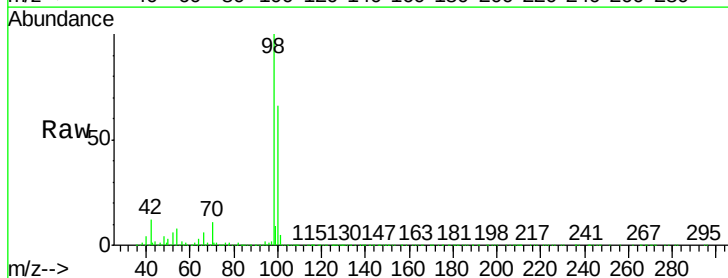
Manual Integrations
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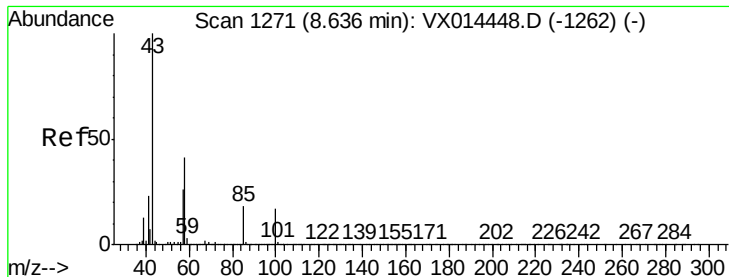
apatel
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#50
Toluene-d8
Concen: 20.069 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.2	79.8





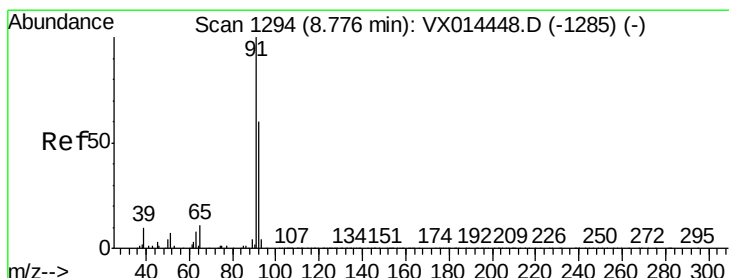
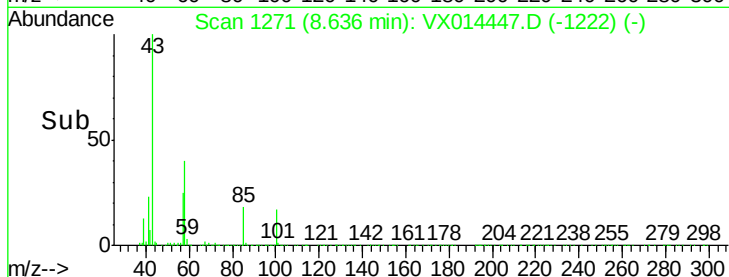
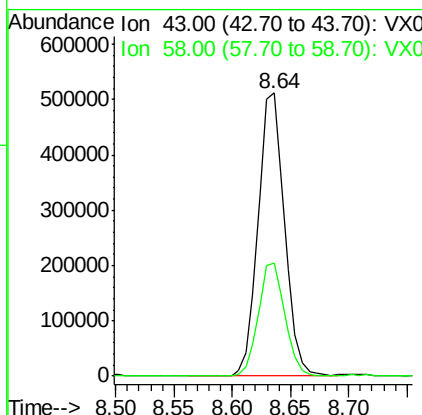
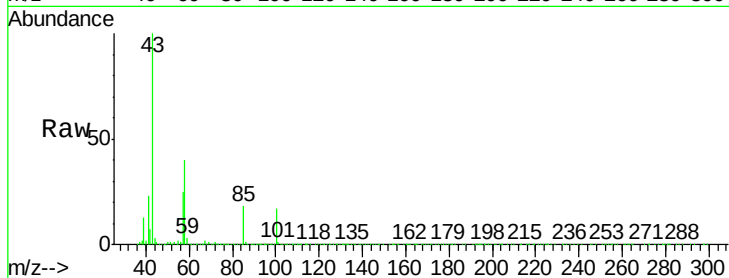
#51
4-Methyl-2-Pentanone
Concen: 94.788 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.4	48.6

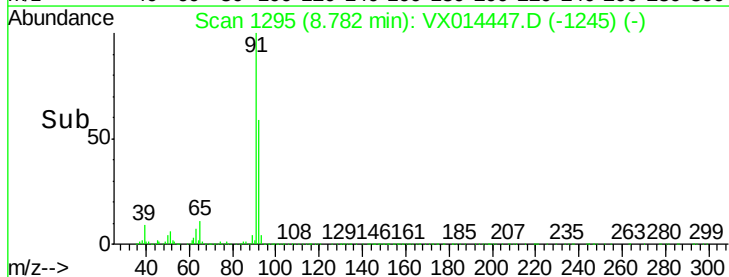
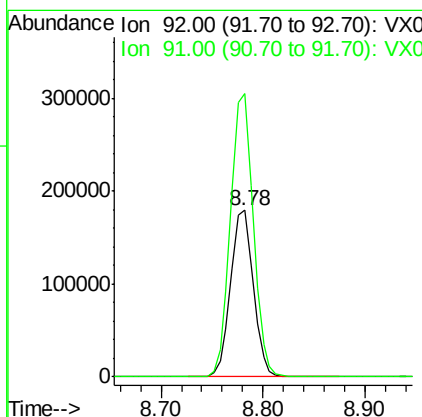
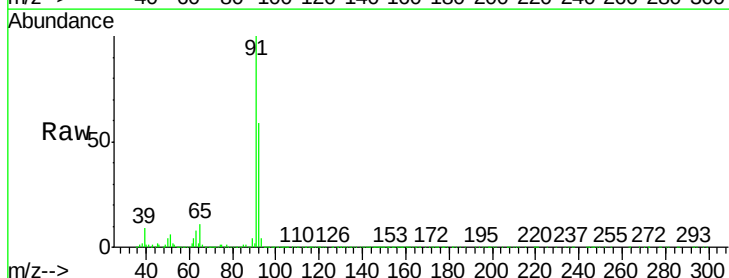
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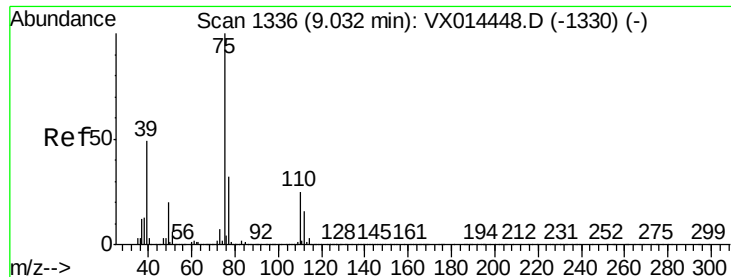
apatel
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#52
Toluene
Concen: 18.755 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	135.7	203.5





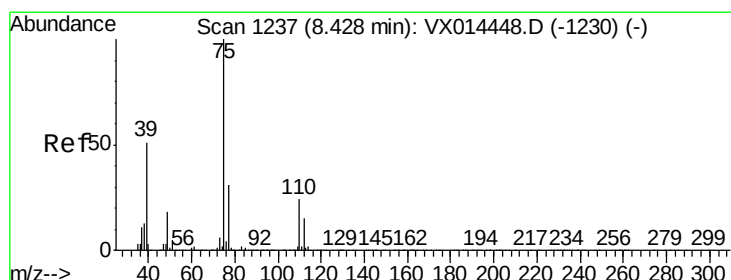
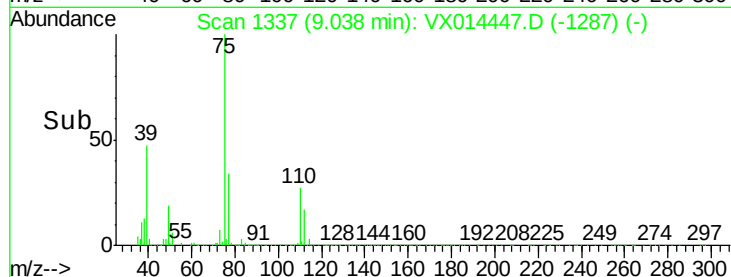
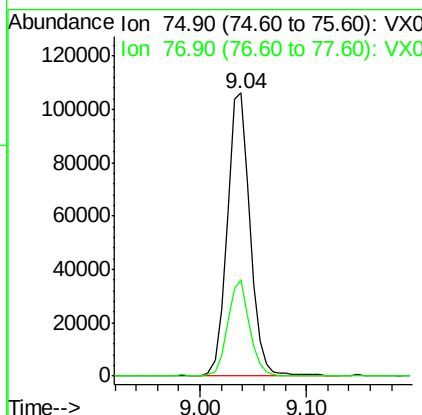
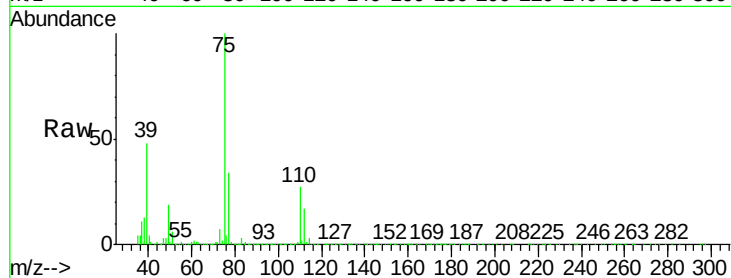
#53
t-1,3-Dichloropropene
Concen: 19.533 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 75 Resp: 158191
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.2

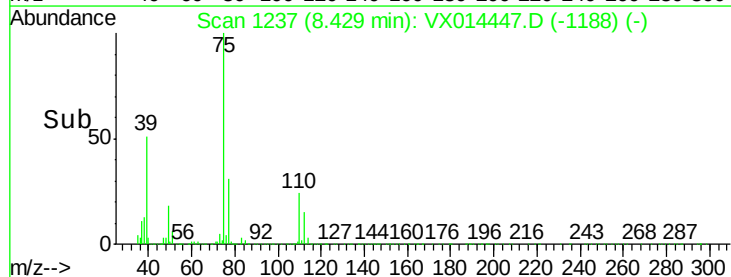
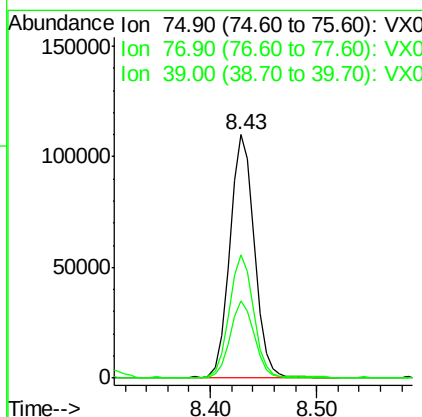
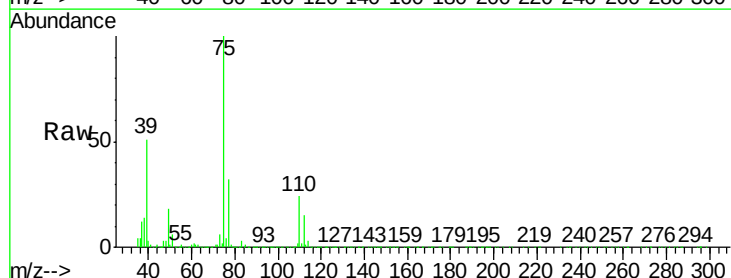
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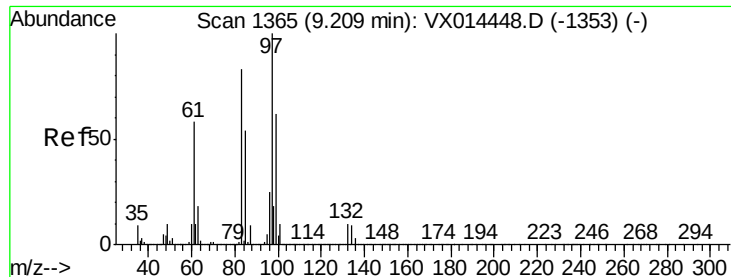
apatel
1/8/2020 9:15:50 AM



#54
cis-1,3-Dichloropropene
Concen: 19.647 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 75 Resp: 177234
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 50.6 40.7 61.1





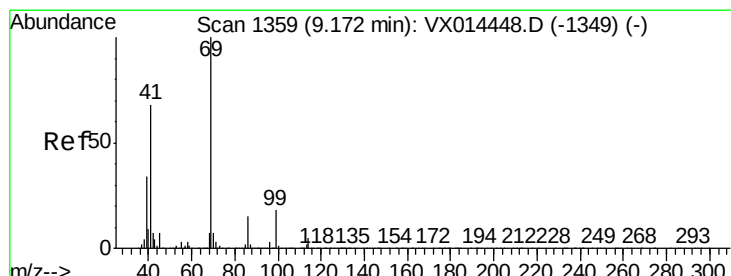
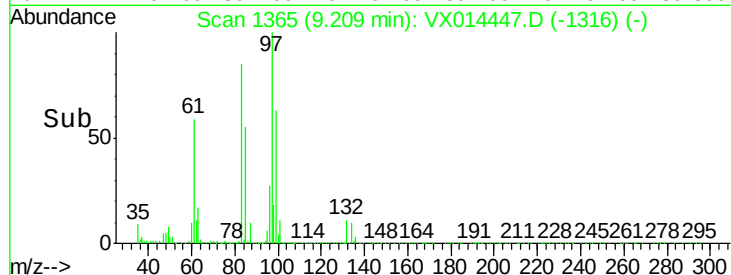
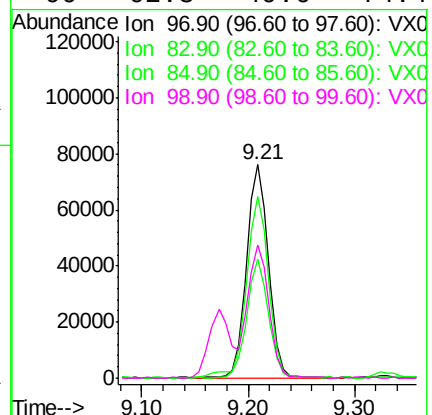
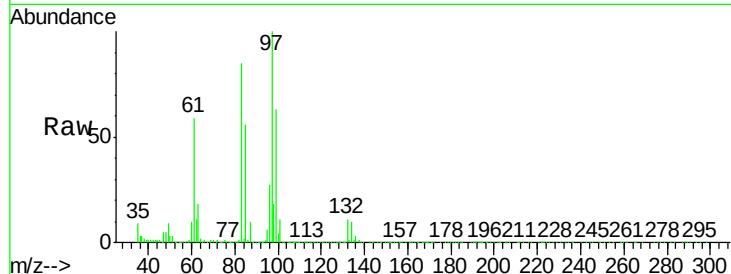
#55
 1,1,2-Trichloroethane
 Concen: 18.868 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110243		
83	85.1	66.4	99.6	
85	55.5	43.4	65.2	
99	62.3	49.6	74.4	

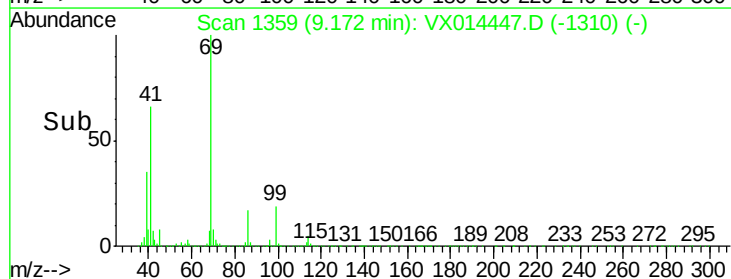
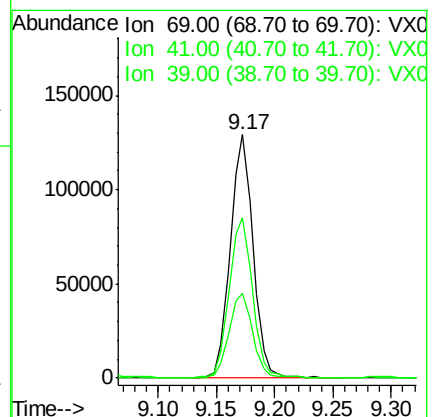
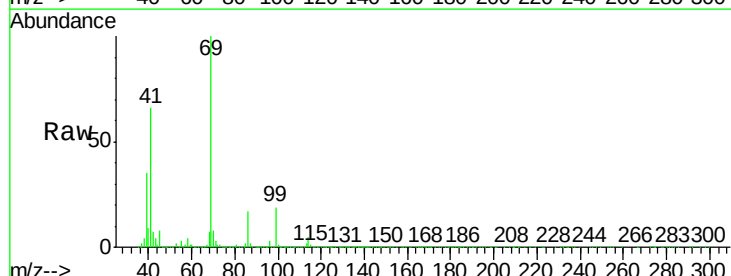
Manual Integrations
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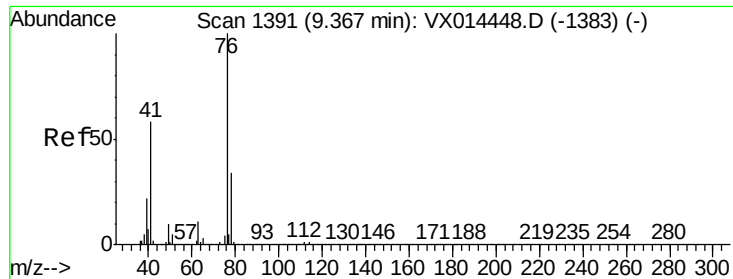
apatel
 1/8/2020 9:15:50 AM



#56
 Ethyl methacrylate
 Concen: 19.038 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	174310		
41	67.4	54.2	81.2	
39	36.2	28.2	42.2	





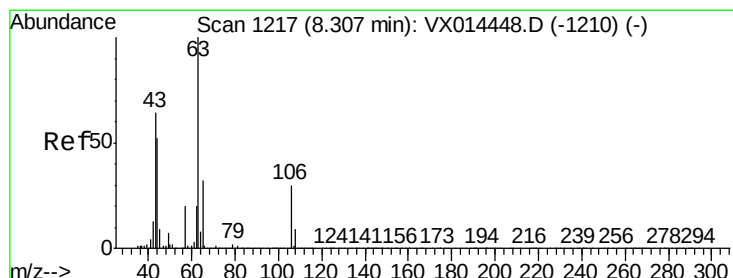
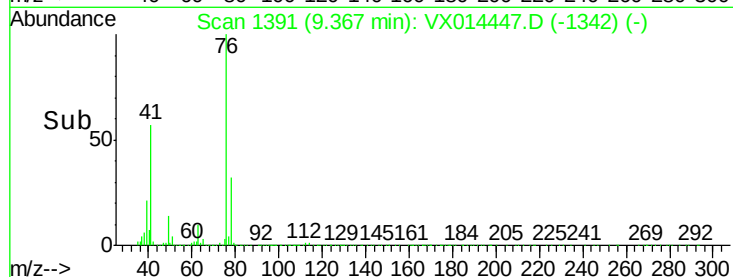
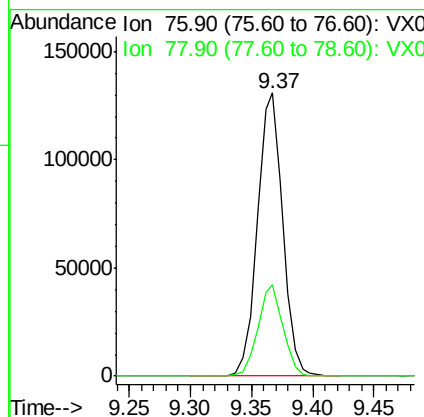
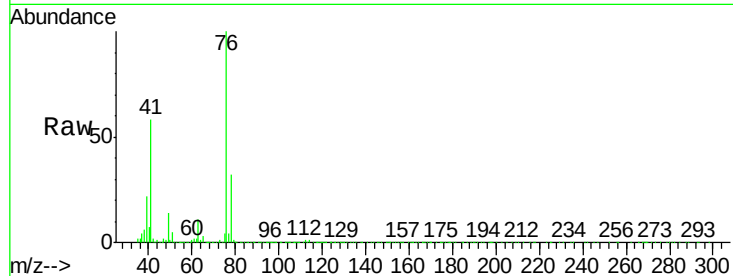
#57
 1,3-Dichloropropane
 Concen: 19.296 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.4	39.6

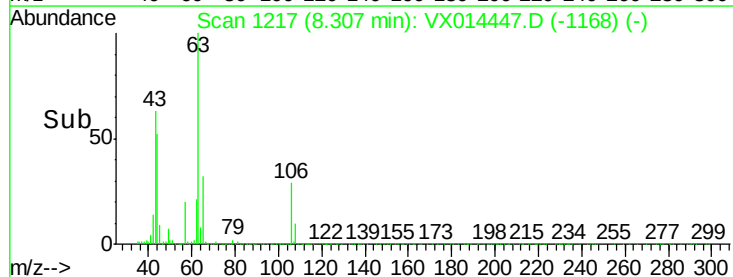
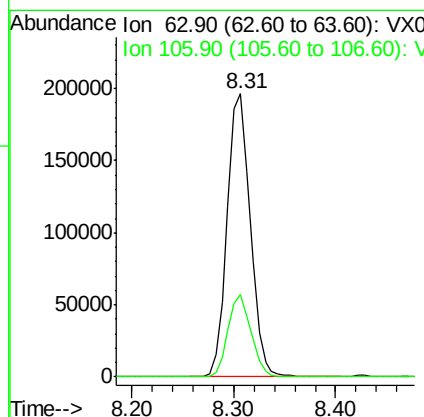
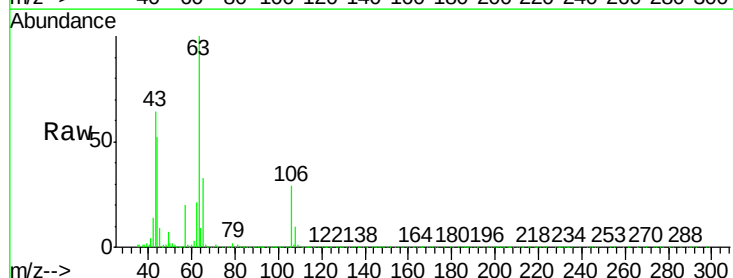
Manual Integrations
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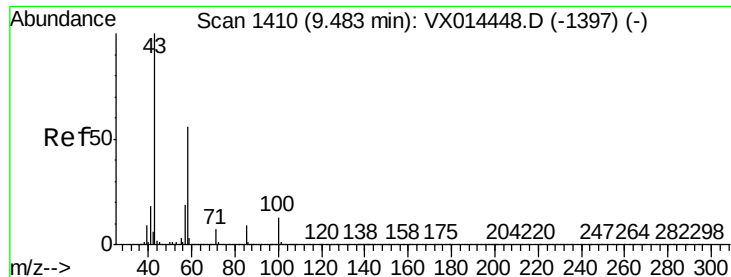
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.195 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.6	35.4





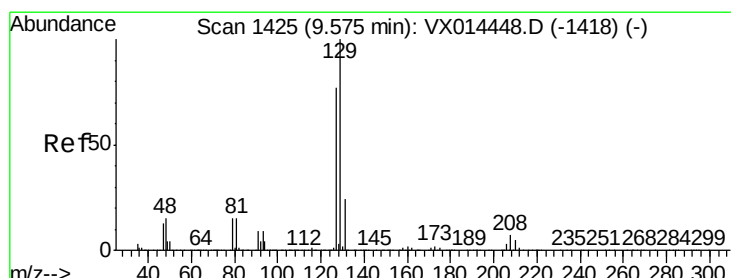
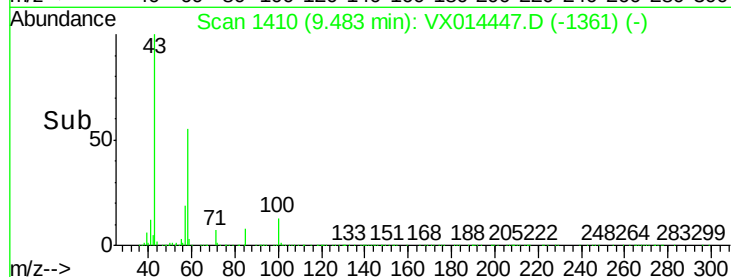
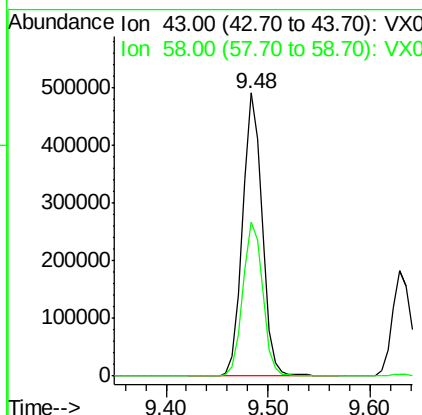
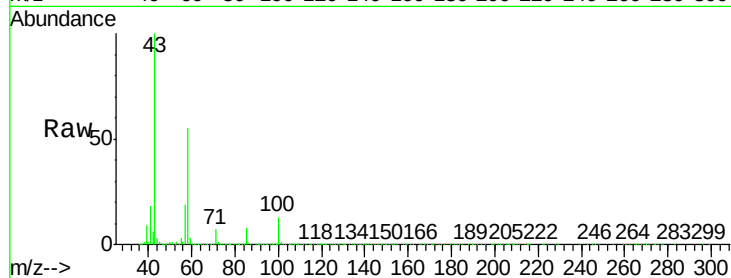
#59
2-Hexanone
Concen: 94.284 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 646143
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7

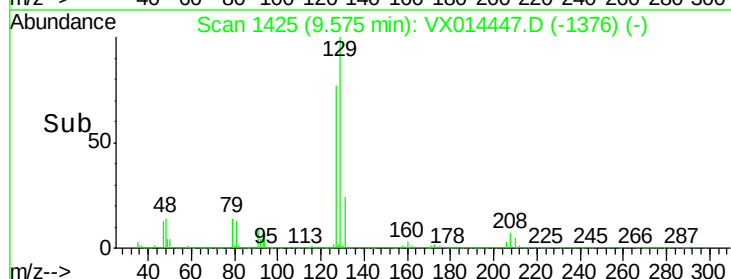
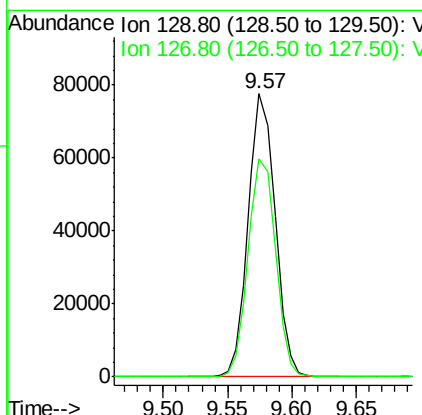
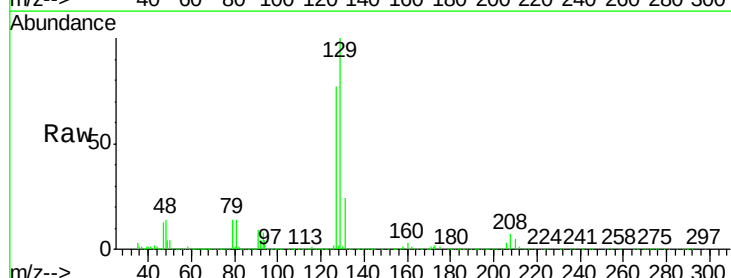
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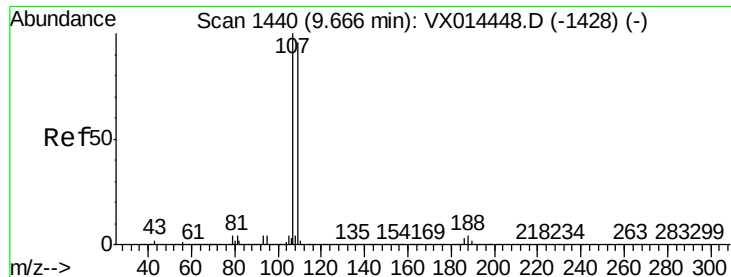
apatel
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#60
Dibromochloromethane
Concen: 19.187 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 129 Resp: 111710
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.530 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 107 Resp: 116756

Ion Ratio Lower Upper

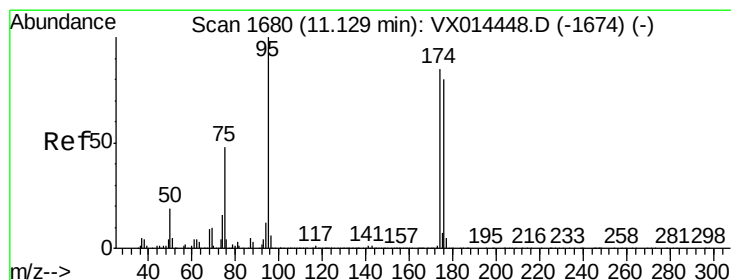
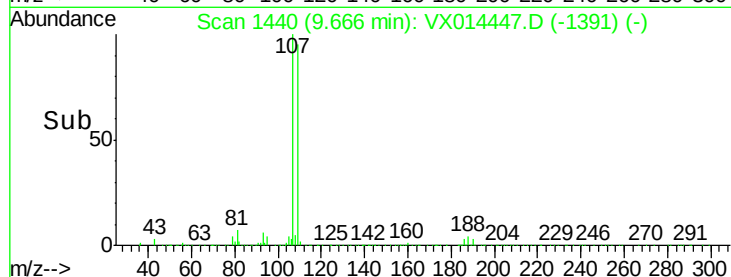
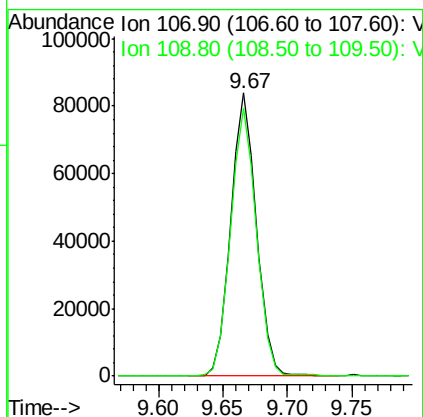
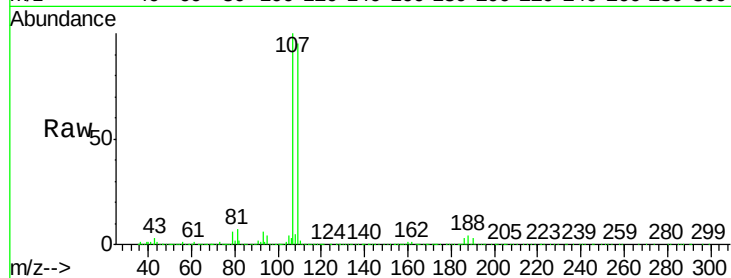
107 100

109 94.8 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 19.647 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

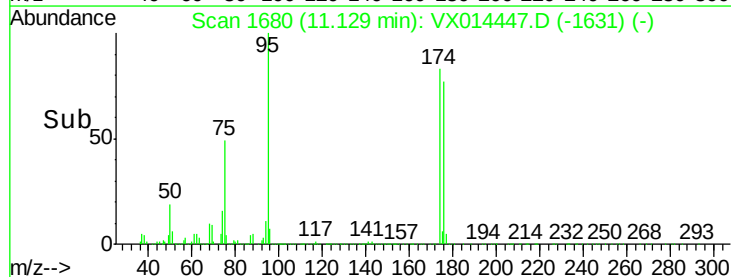
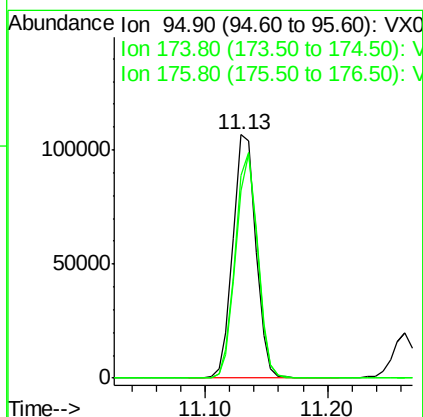
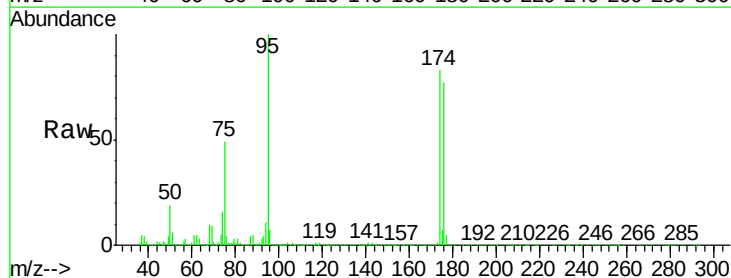
Tgt Ion: 95 Resp: 137321

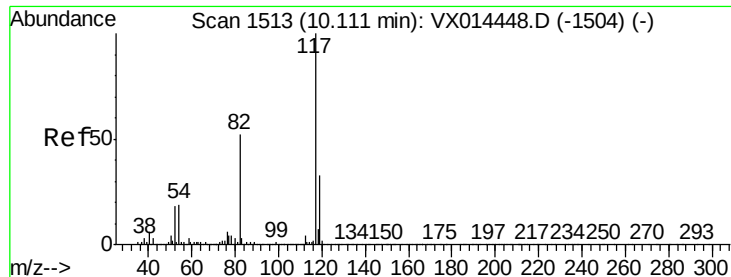
Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.8

176 87.4 0.0 172.8





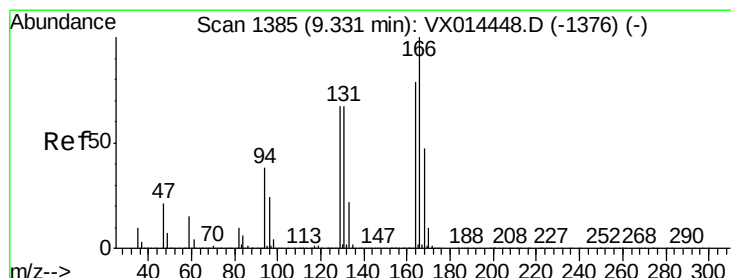
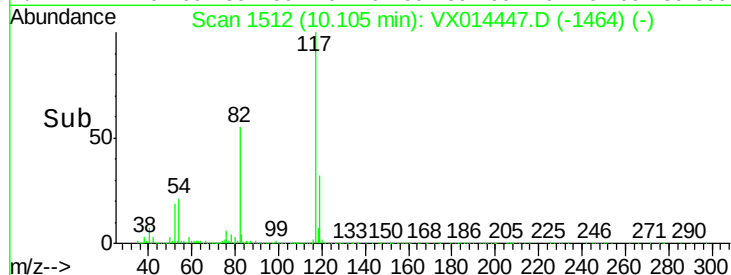
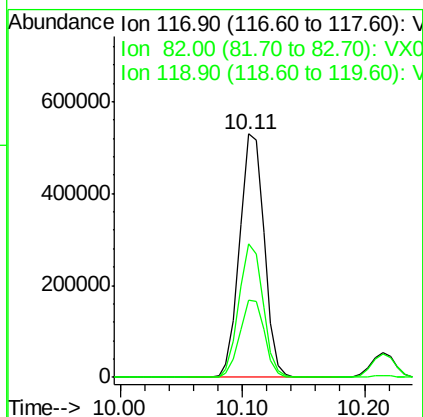
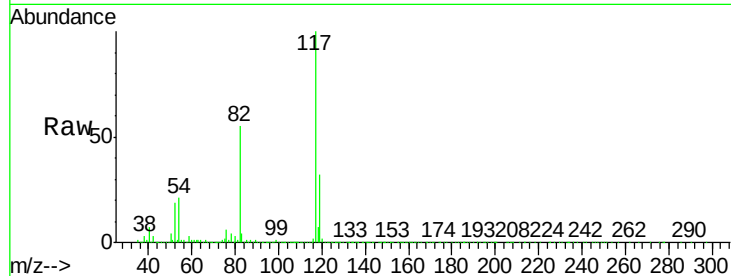
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.0	41.8	62.6
119	31.8	26.2	39.4

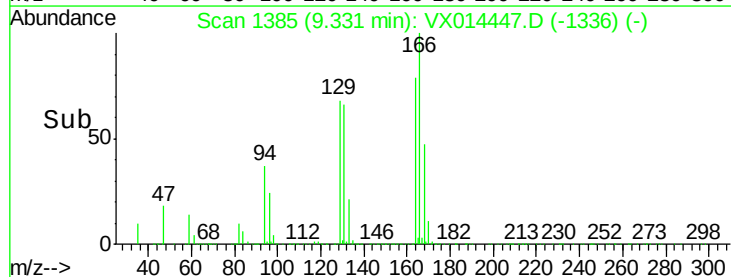
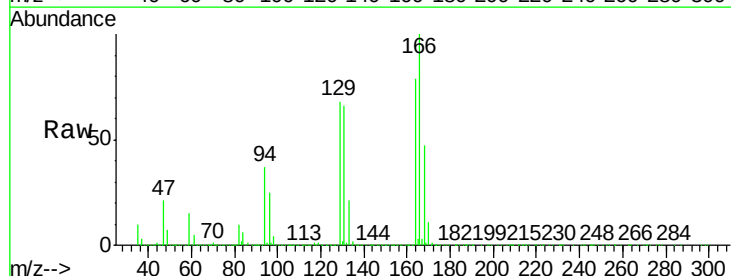
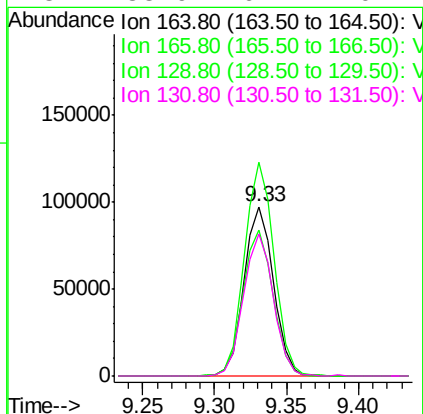
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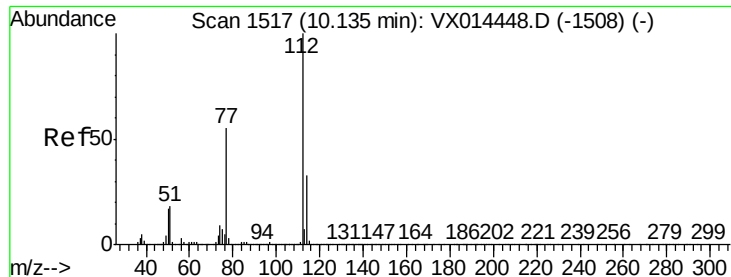
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#64
Tetrachloroethene
Concen: 20.474 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.2	101.2	151.8
129	86.4	68.3	102.5
131	83.9	67.4	101.2





#65

Chlorobenzene

Concen: 18.770 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tgt Ion:112 Resp: 294731

Ion Ratio Lower Upper

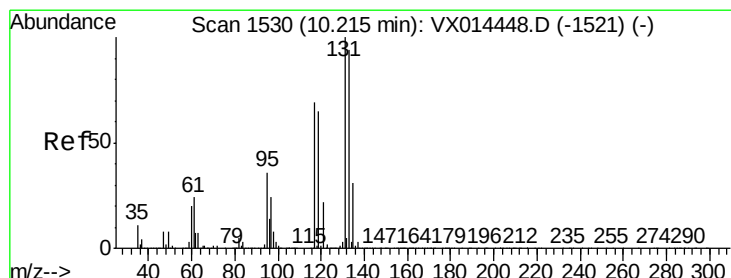
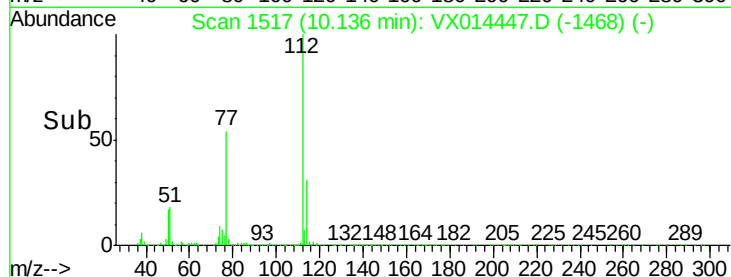
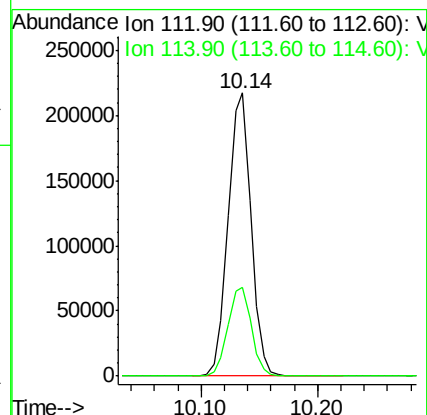
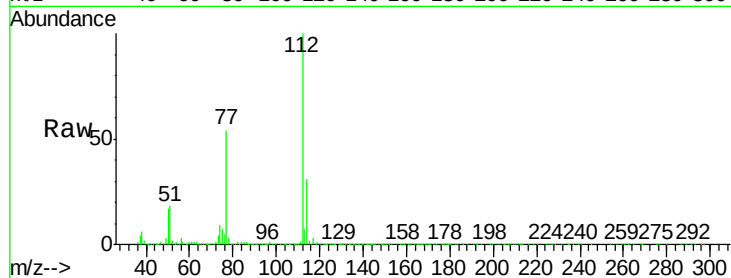
112 100

114 31.2 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.250 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

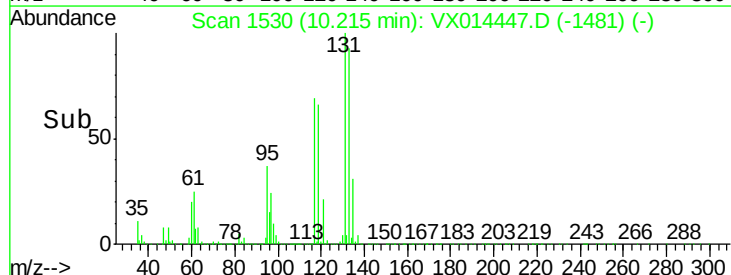
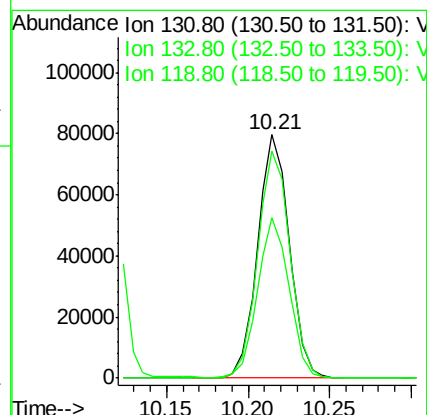
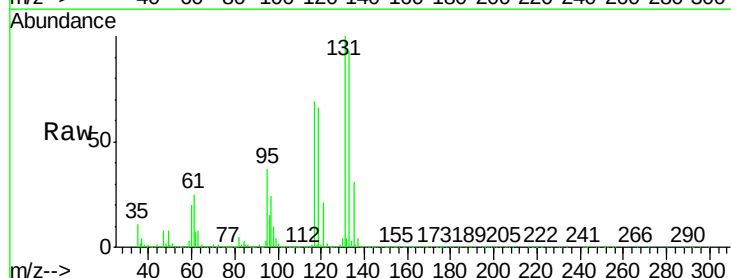
Tgt Ion:131 Resp: 107983

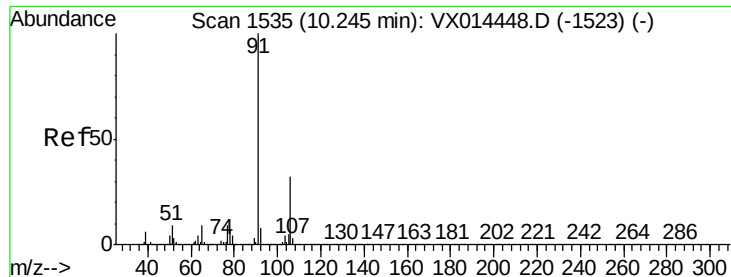
Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

119 65.2 32.8 98.4





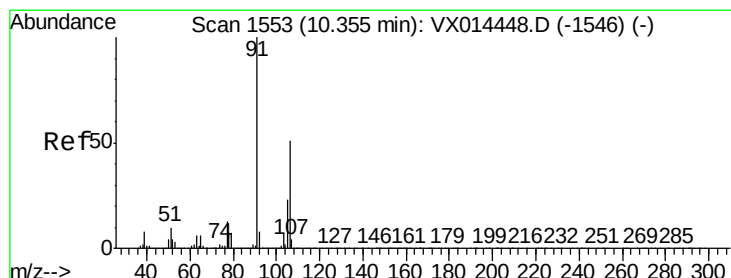
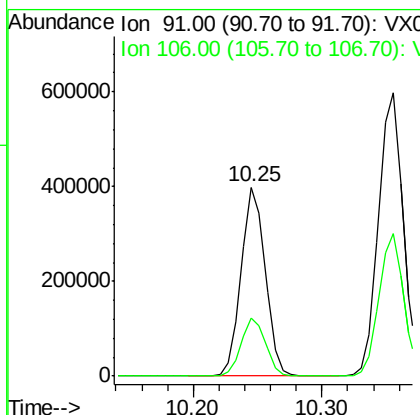
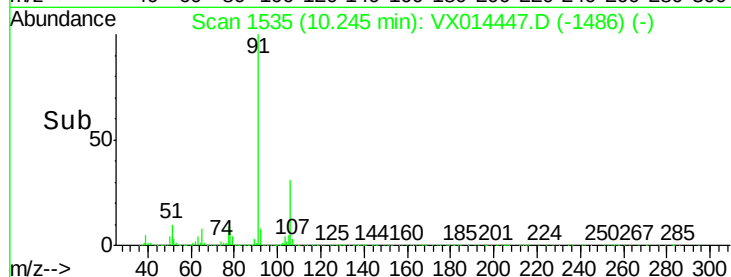
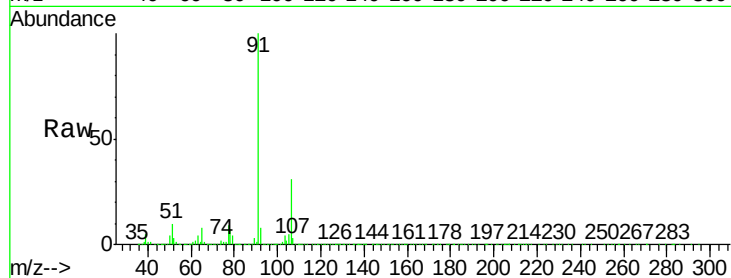
#67
Ethyl Benzene
Concen: 19.135 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 515682
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

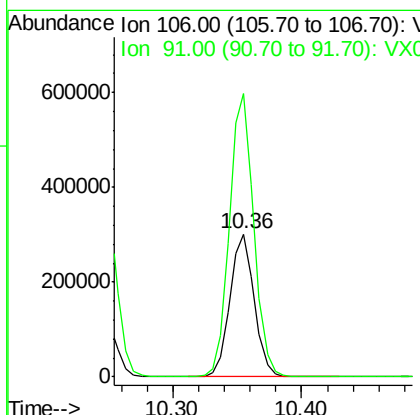
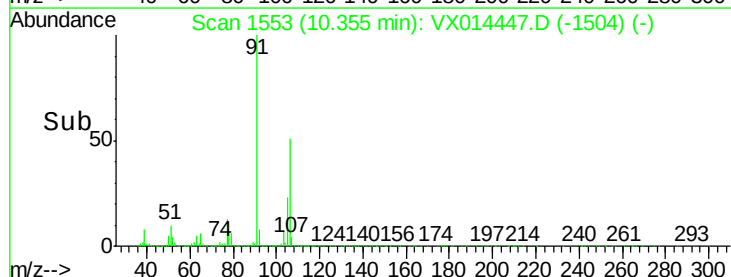
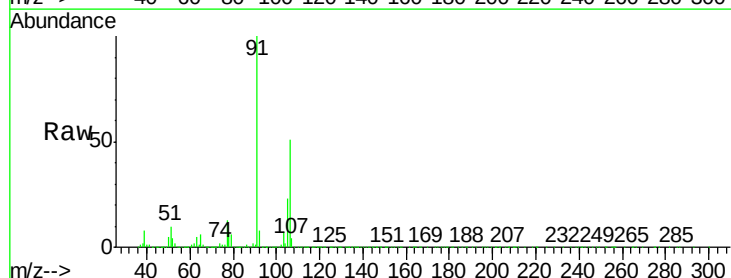
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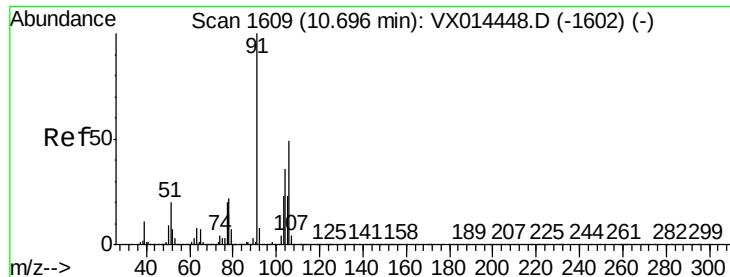
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#68
m/p-Xylenes
Concen: 38.235 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 106 Resp: 397017
Ion Ratio Lower Upper
106 100
91 198.9 157.4 236.0





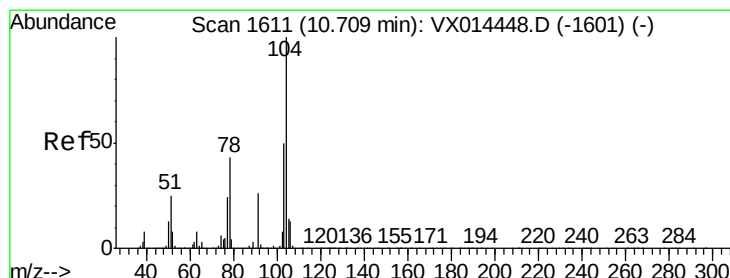
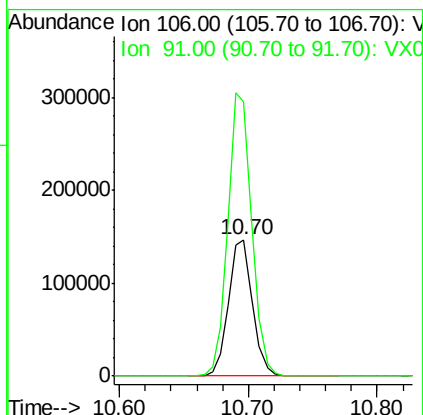
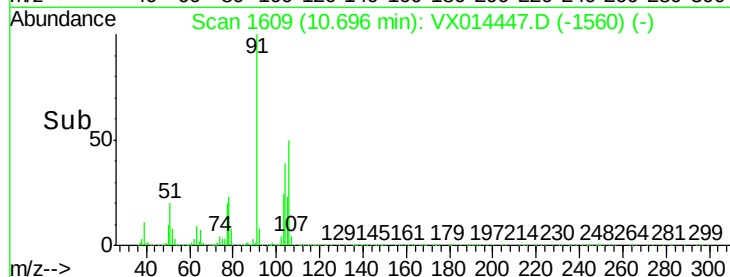
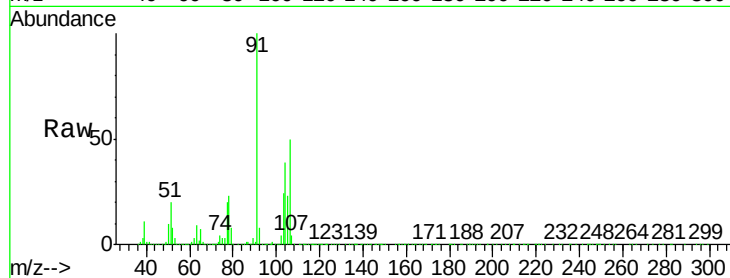
#69
o-Xylene
Concen: 18.913 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:106 Resp: 191767
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1

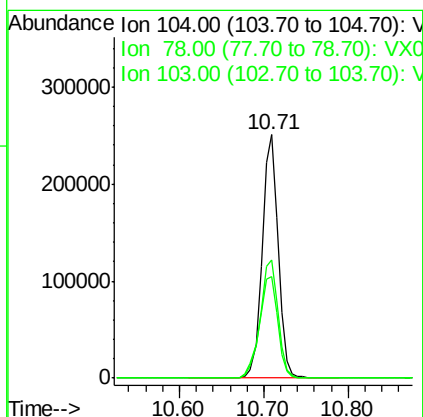
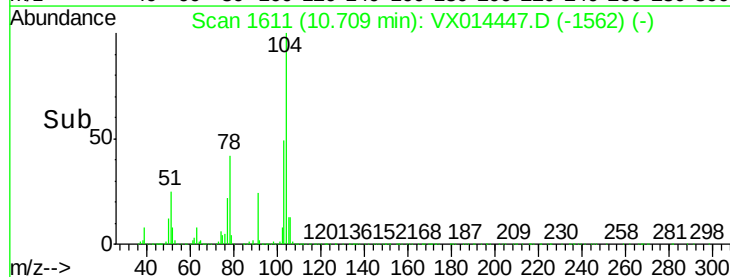
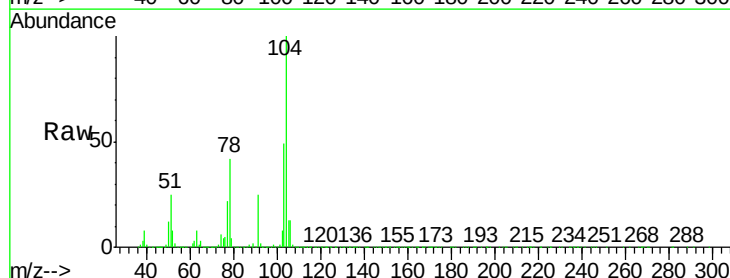
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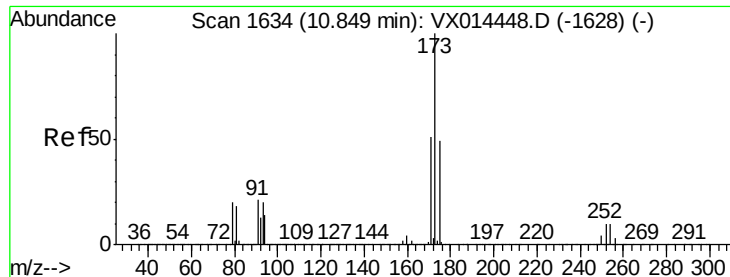
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#70
Styrene
Concen: 19.049 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:104 Resp: 326887
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.1 43.7 65.5





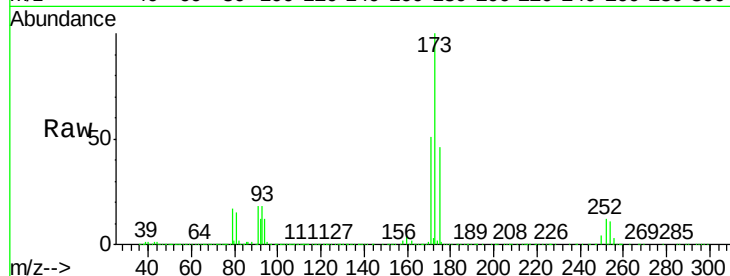
#71
Bromoform
Concen: 18.657 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

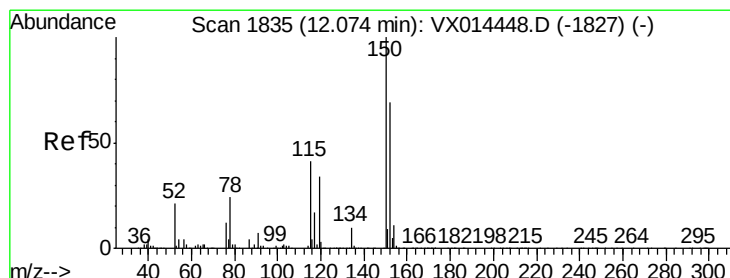
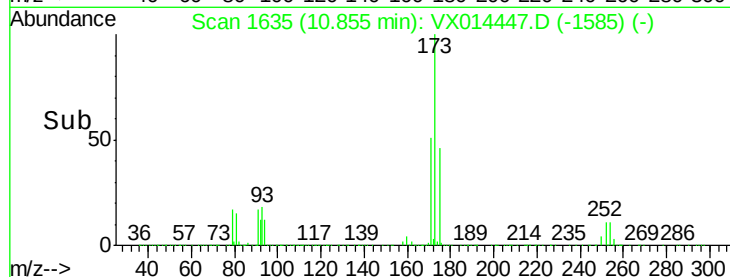
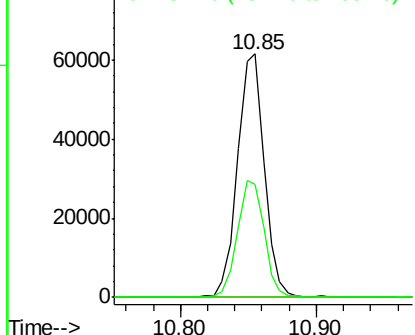
Tgt Ion:173 Resp: 84428
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.5 0.2 0.2#

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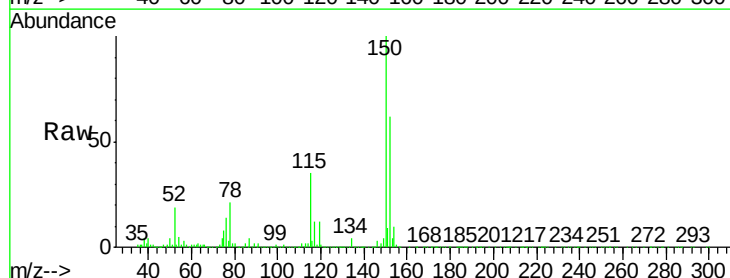


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

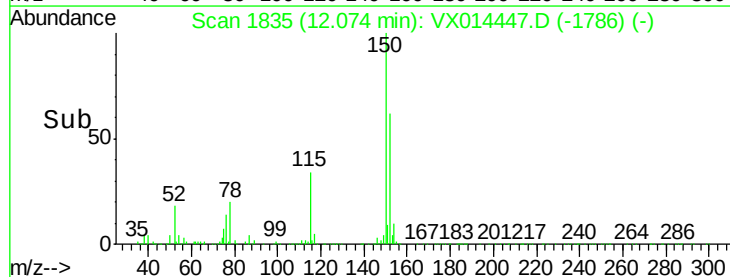
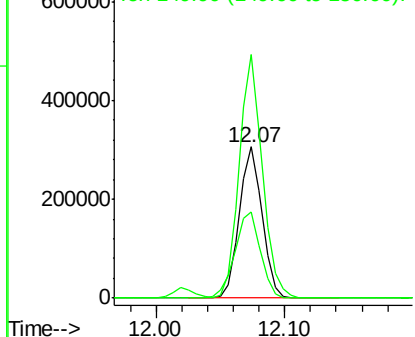


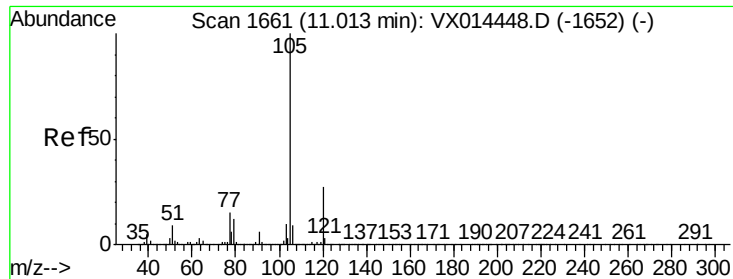
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:152 Resp: 374506
Ion Ratio Lower Upper
152 100
115 64.2 39.5 118.3
150 163.5 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.304 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 511012

Ion Ratio Lower Upper

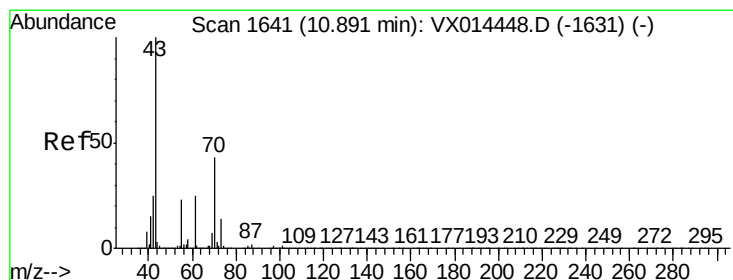
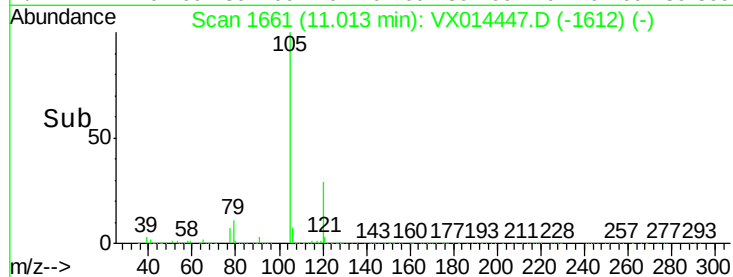
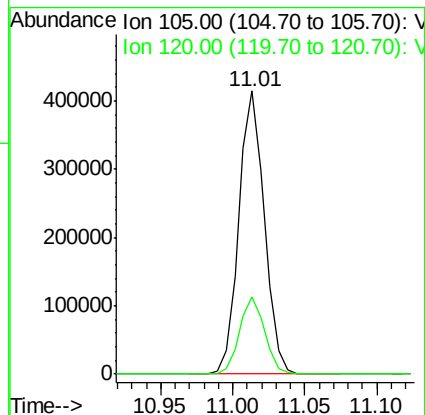
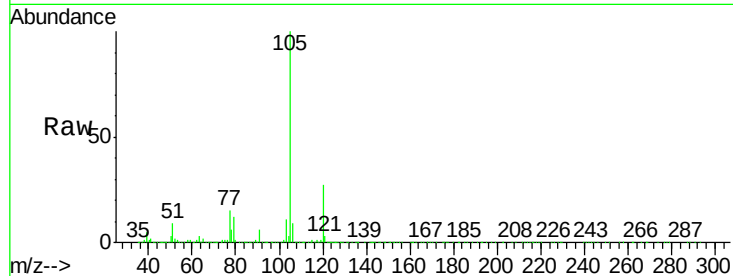
105 100

120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 17.941 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 43 Resp: 220473

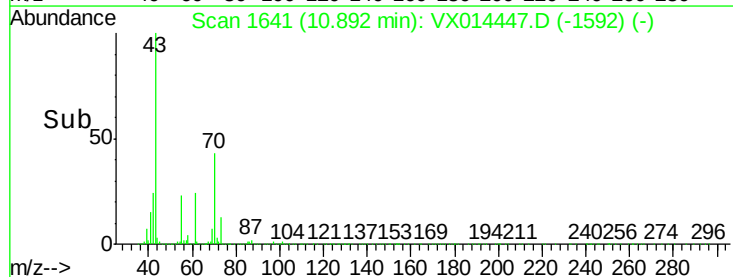
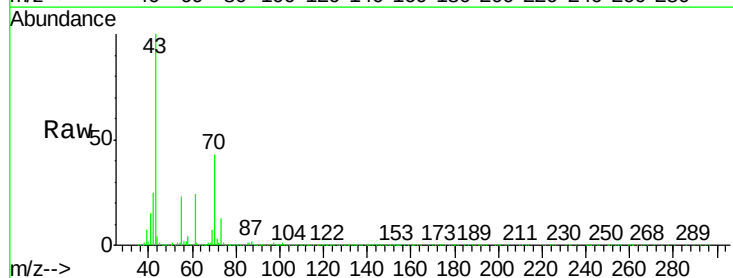
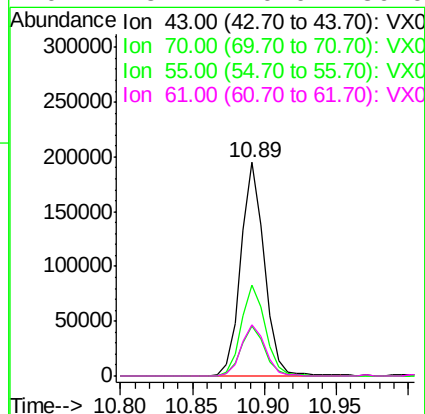
Ion Ratio Lower Upper

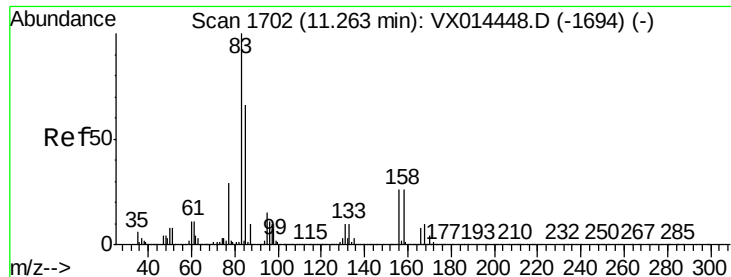
43 100

70 43.7 35.1 52.7

55 23.9 19.3 28.9

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.583 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

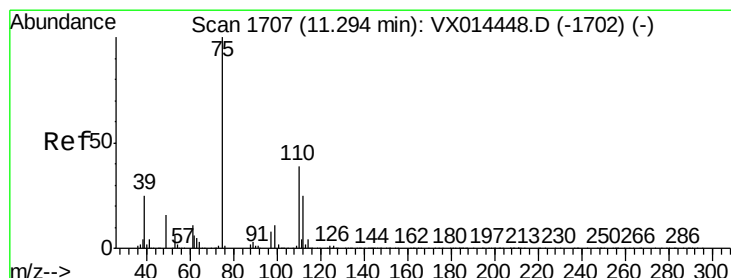
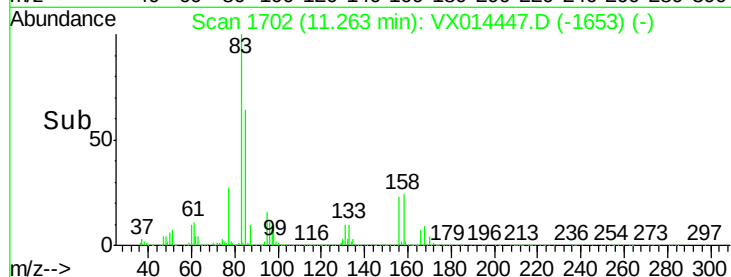
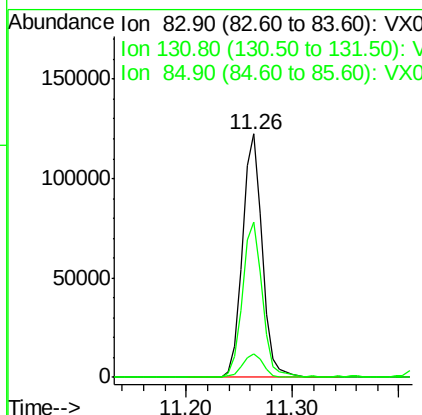
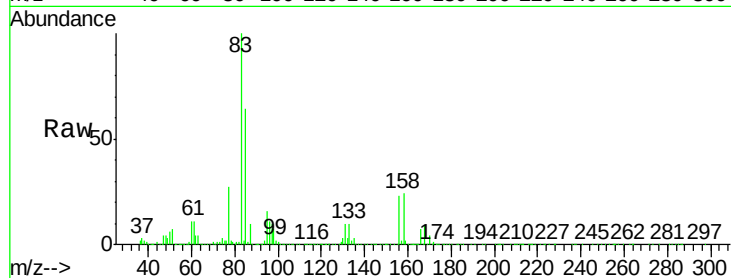
ClientSampled :

VSTDIC020

Tgt Ion:	83	Resp:	158809
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	65.1	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 17.473 ug/l m

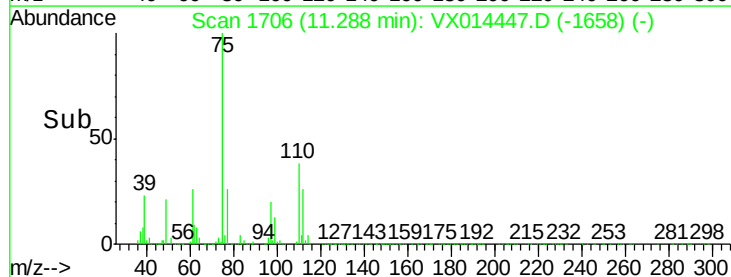
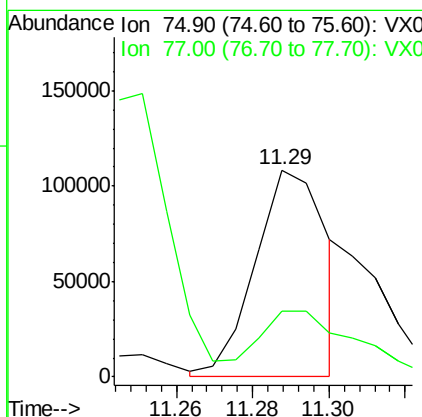
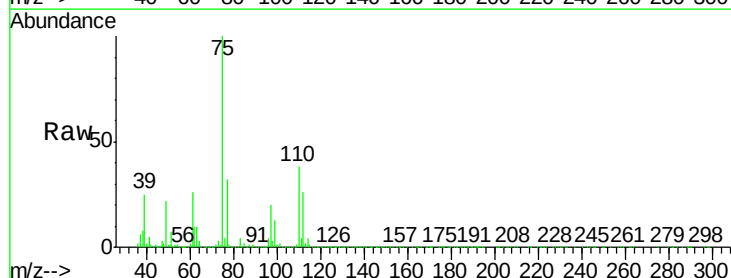
RT: 11.29 min Scan# 1706

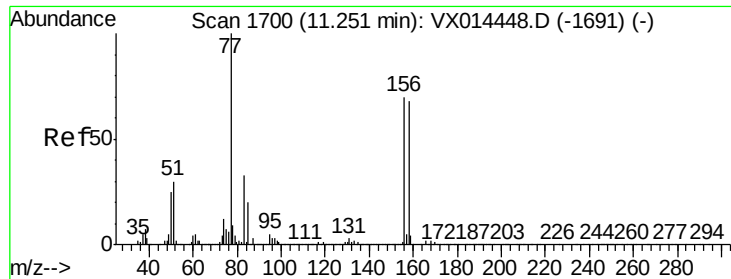
Delta R.T. -0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion:	75	Resp:	138847
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.9	65.7





#77

Bromobenzene

Concen: 18.094 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

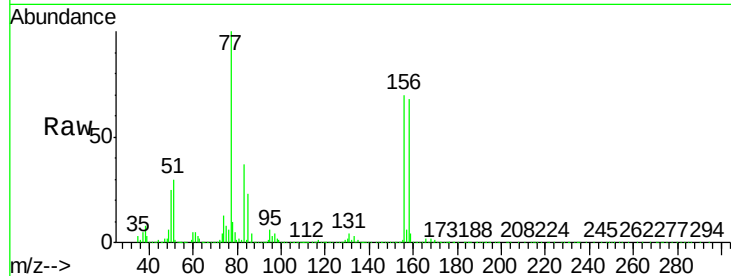
ClientSampled :

VSTDIC020

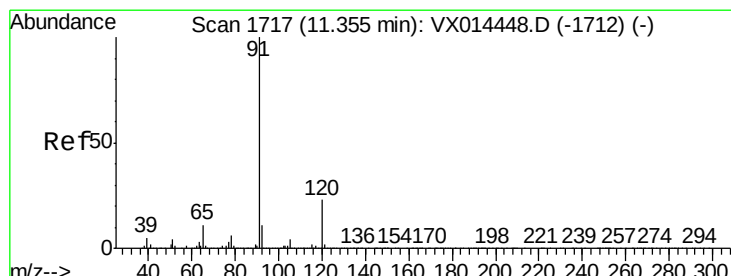
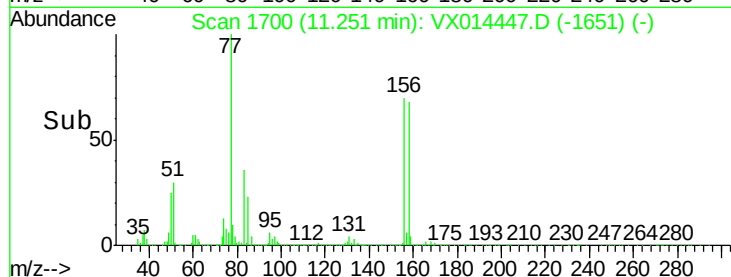
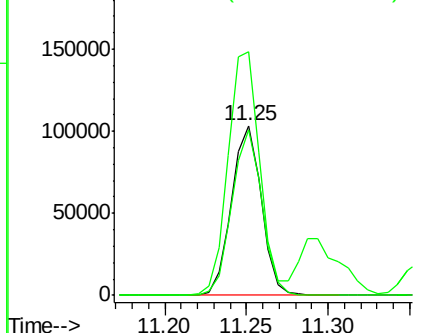
Tgt Ion:	156	Resp:	131954
Ion Ratio	Lower	Upper	
156	100		
77	150.1	75.4	226.3
158	97.8	48.8	146.3

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.475 ug/l

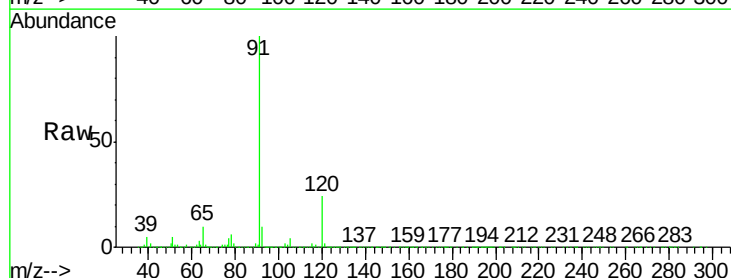
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

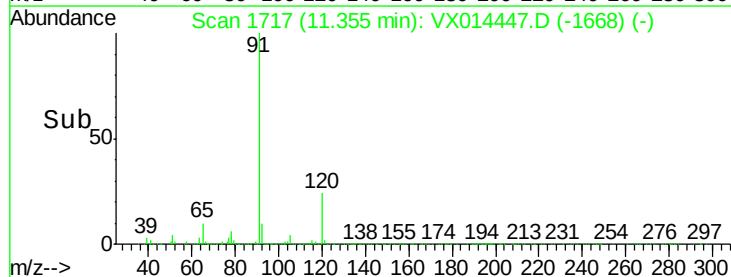
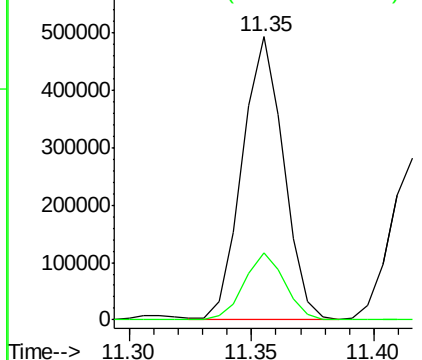
Lab File: VX014447.D

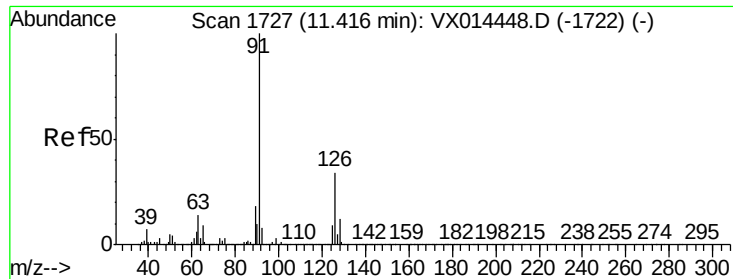
Acq: 07 Jan 2020 14:21

Tgt Ion:	91	Resp:	578208
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





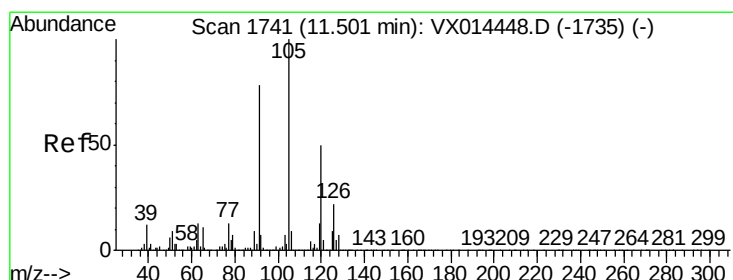
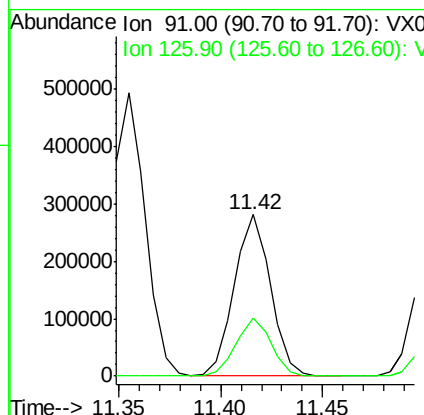
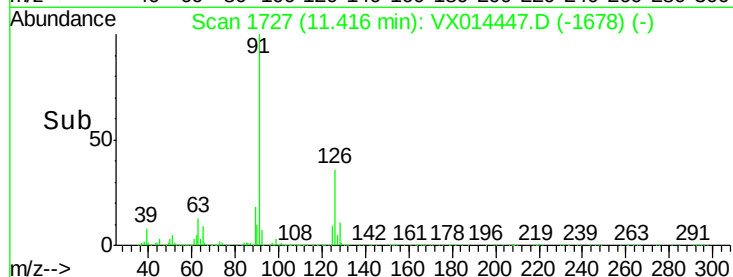
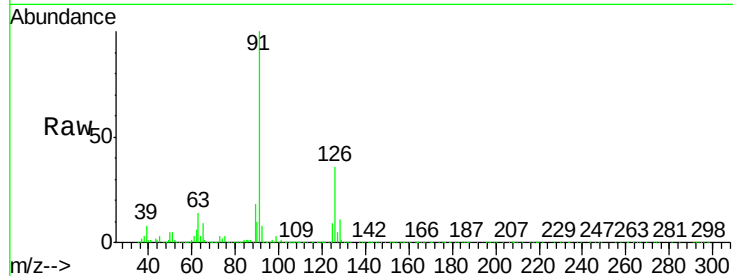
#79
2-Chlorotoluene
Concen: 19.068 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 91 Resp: 342947
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

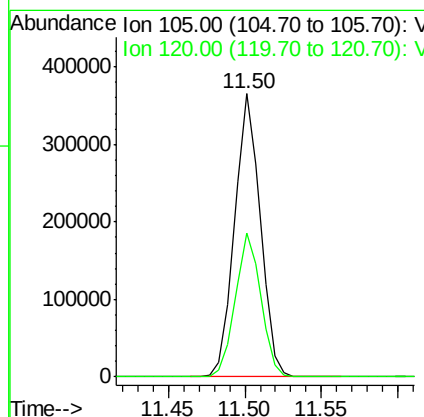
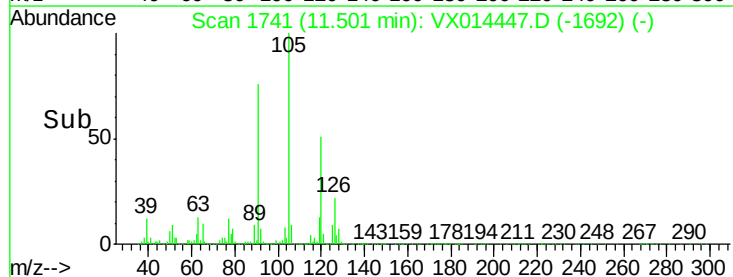
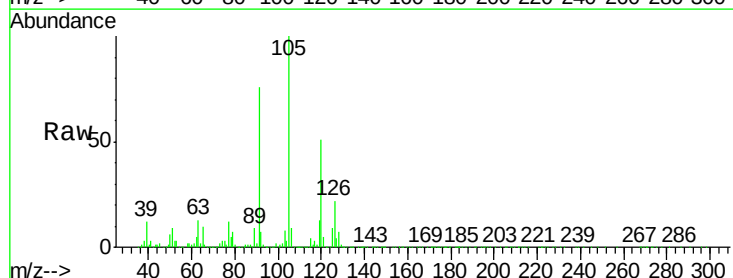
Manual Integrations
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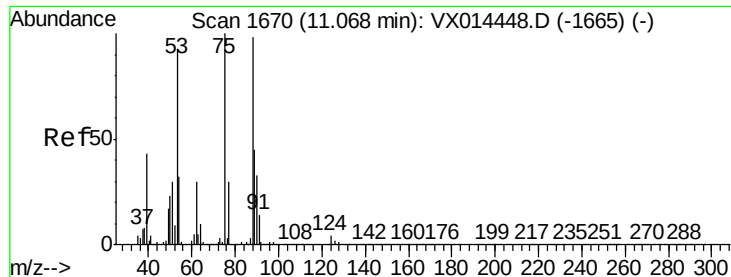
apatel
1/8/2020 9:15:50 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.018 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 105 Resp: 423196
Ion Ratio Lower Upper
105 100
120 50.6 25.2 75.6





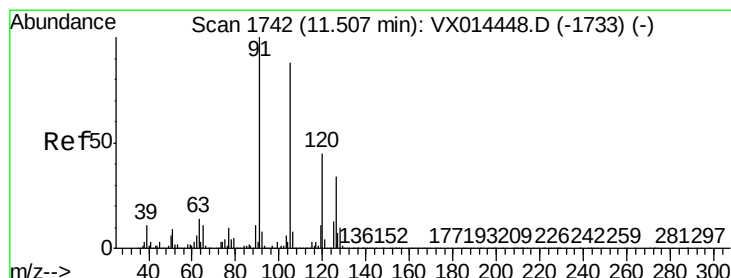
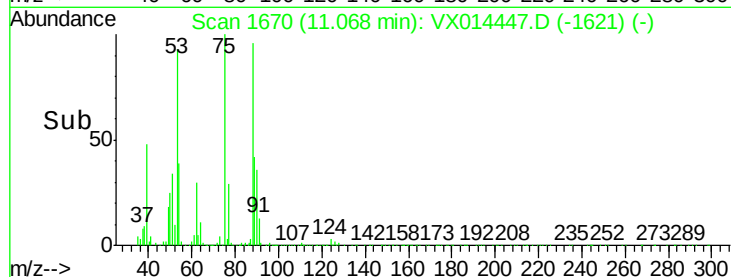
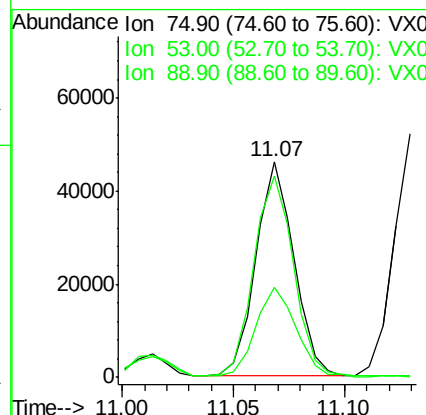
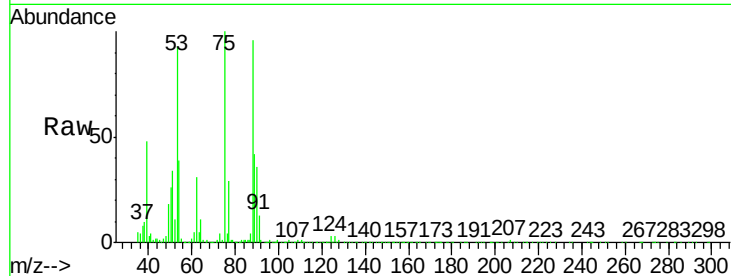
#81
trans-1,4-Dichloro-2-butene
Concen: 18.866 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	74.8	112.2
89	44.4	36.3	54.5

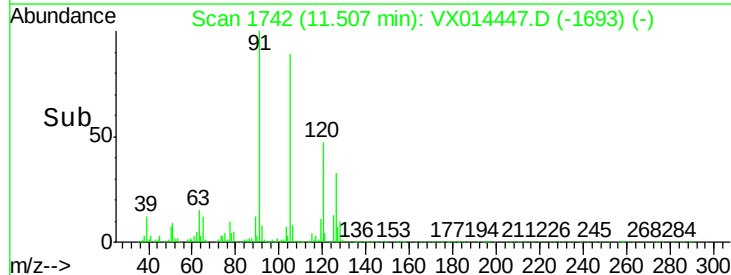
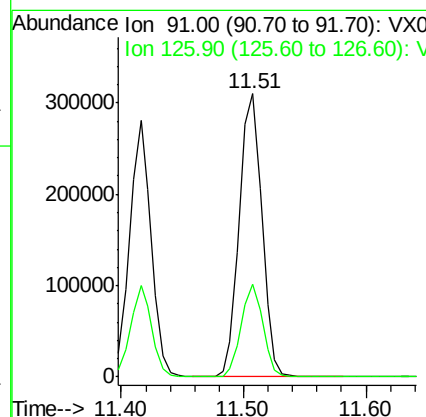
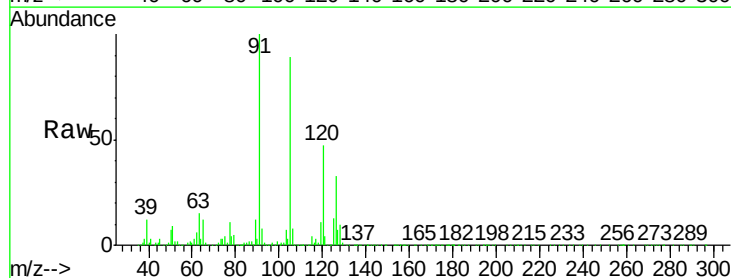
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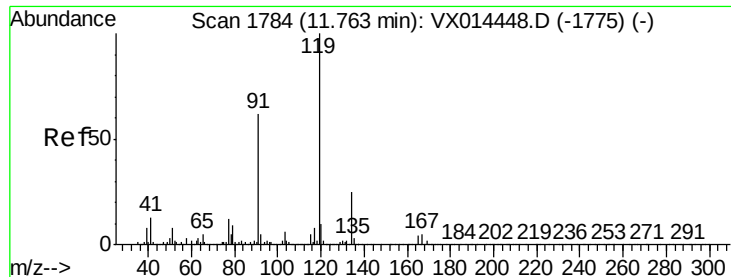
apatel
1/8/2020 9:15:50 AM



#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





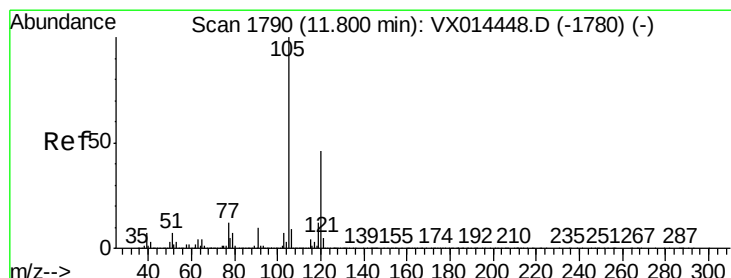
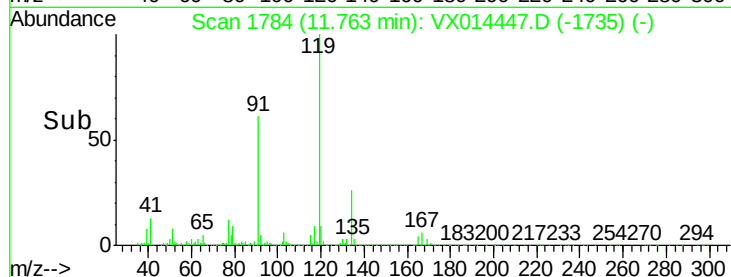
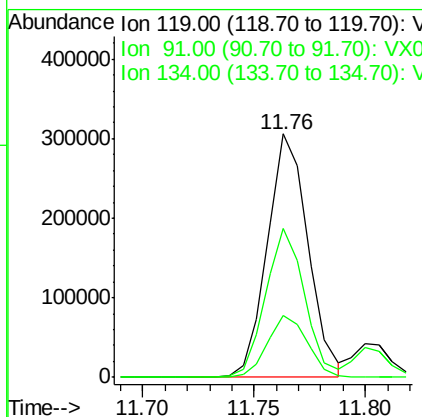
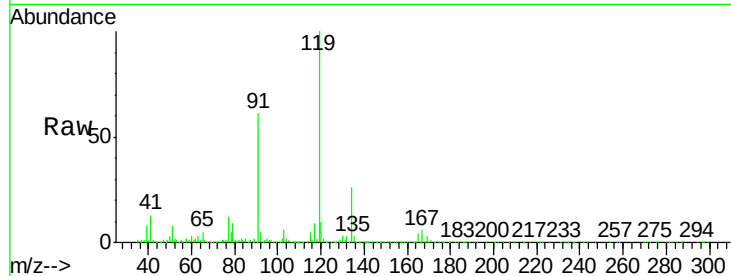
#83
tert-Butylbenzene
Concen: 18.062 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	388401		
91	58.8	29.3	88.0	
134	25.0	12.4	37.4	

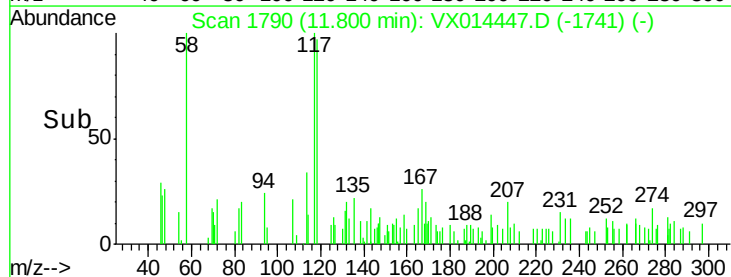
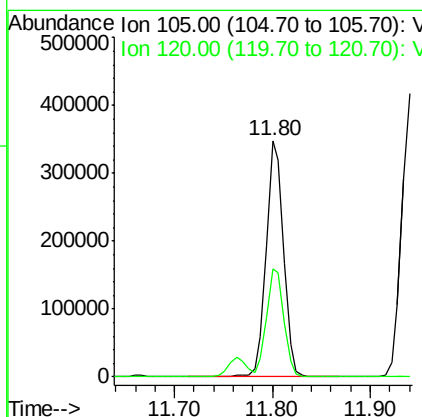
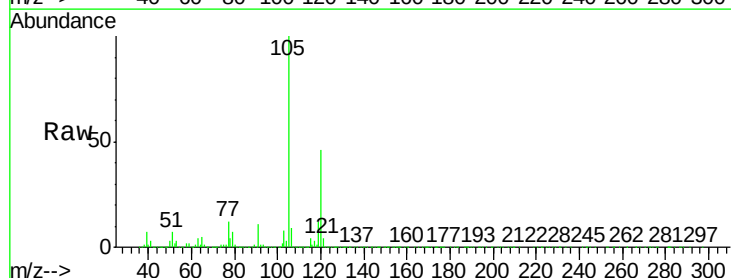
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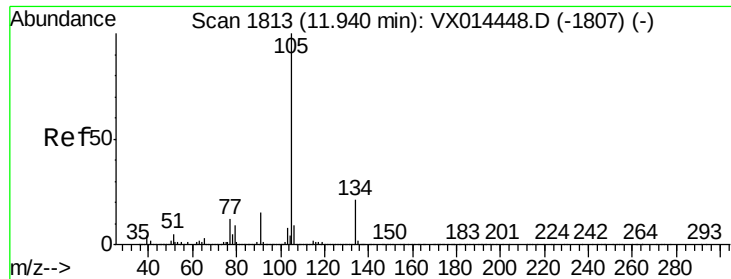
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426921		
120	46.0	23.1	69.3	





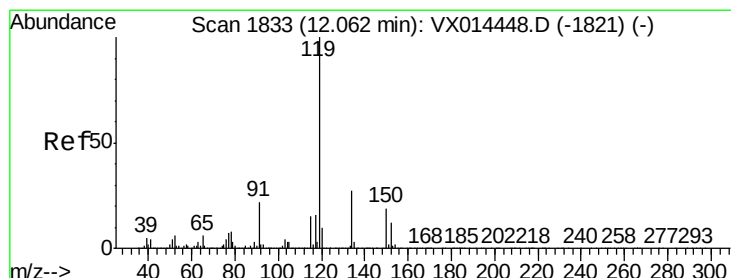
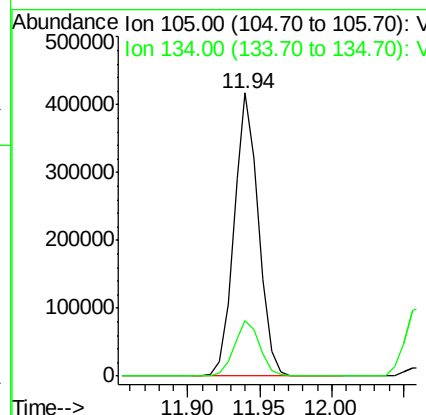
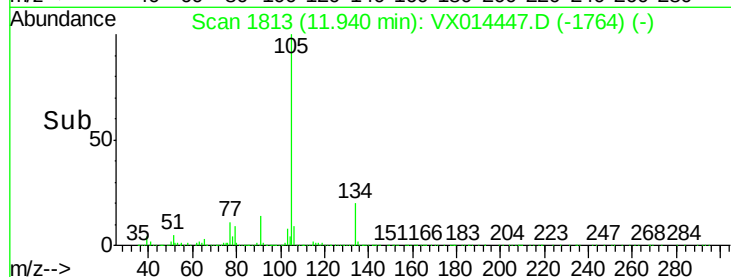
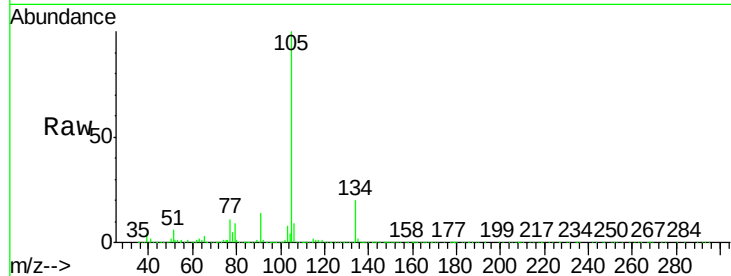
#85
 sec-Butylbenzene
 Concen: 19.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.5

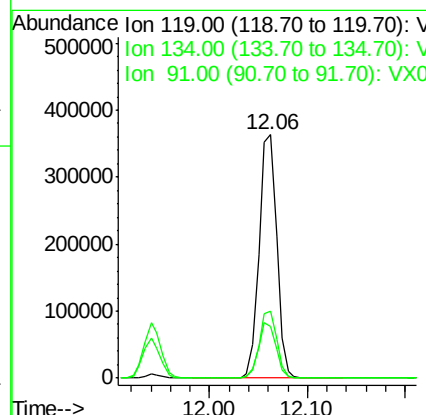
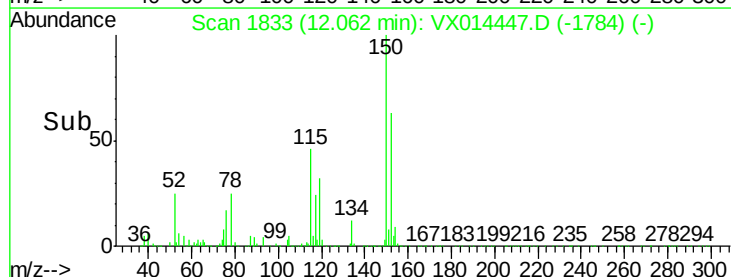
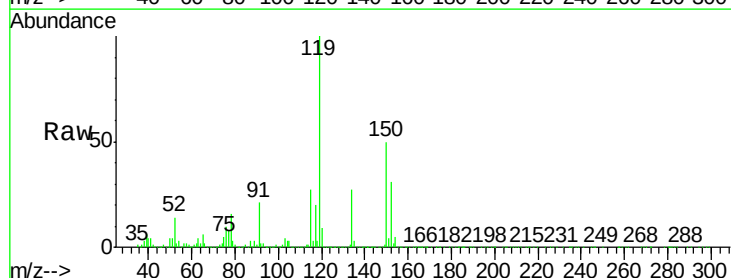
Manual Integrations
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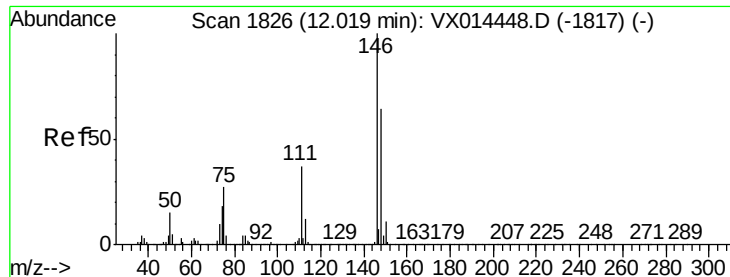
apatel
 1/8/2020 9:15:50 AM



#86
 p-Isopropyltoluene
 Concen: 19.411 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	22.6	11.1	33.3





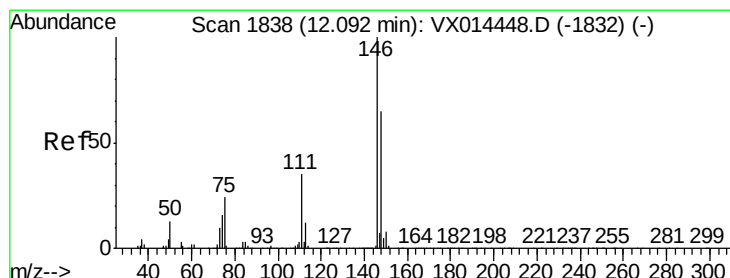
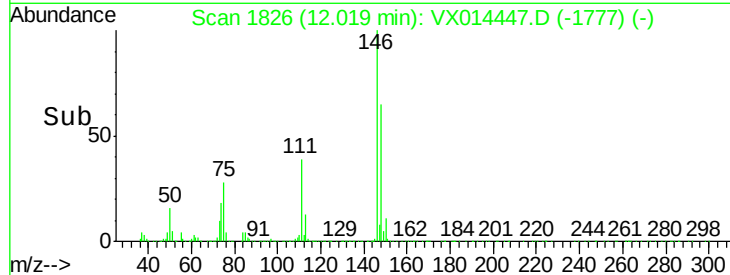
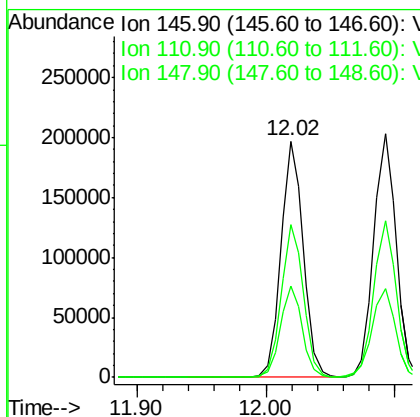
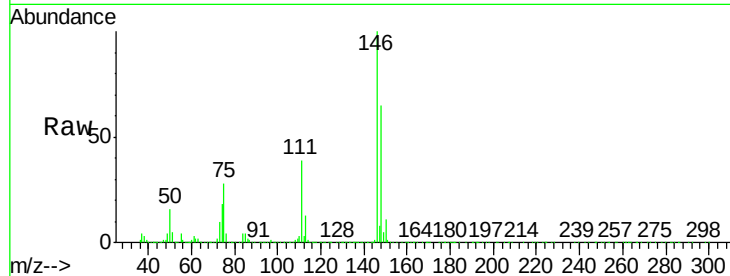
#87
 1,3-Dichlorobenzene
 Concen: 18.689 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.5	32.2	96.6

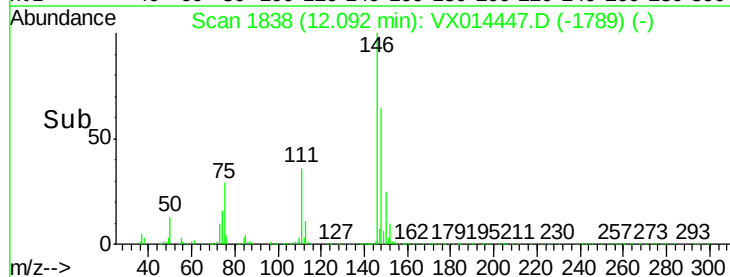
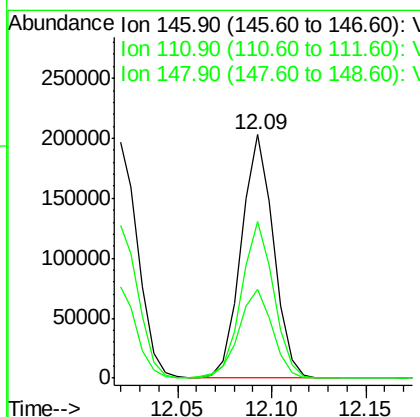
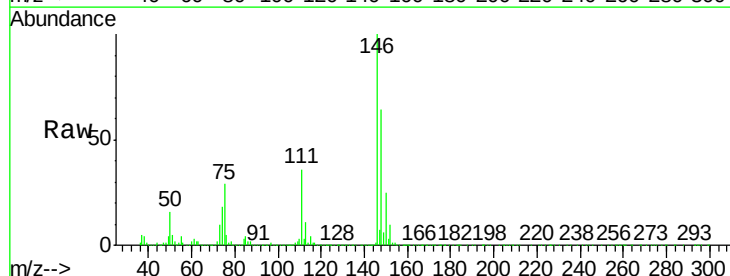
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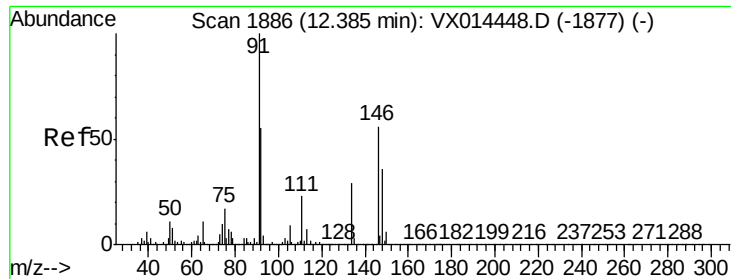
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#88
 1,4-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.3	32.1	96.3





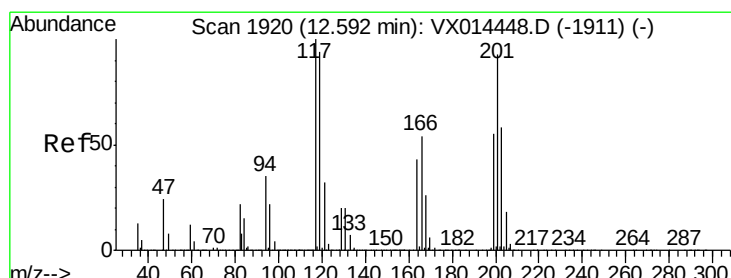
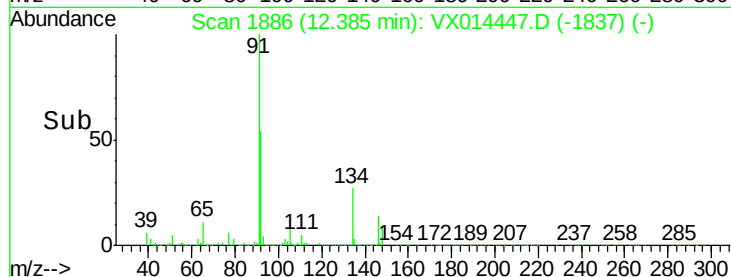
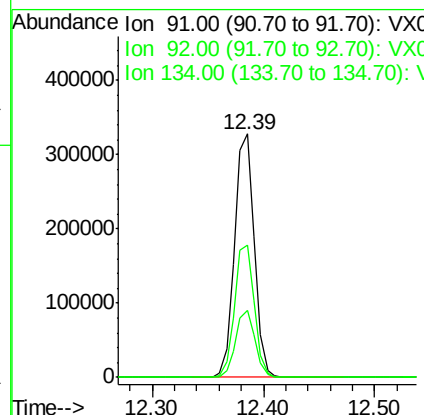
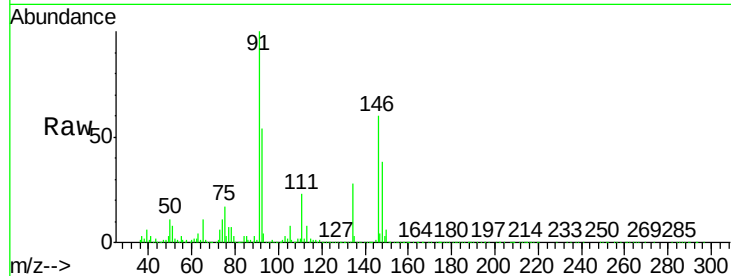
#89
n-Butylbenzene
Concen: 19.868 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	399767		
92	54.7	27.4	82.2	
134	27.2	13.9	41.7	

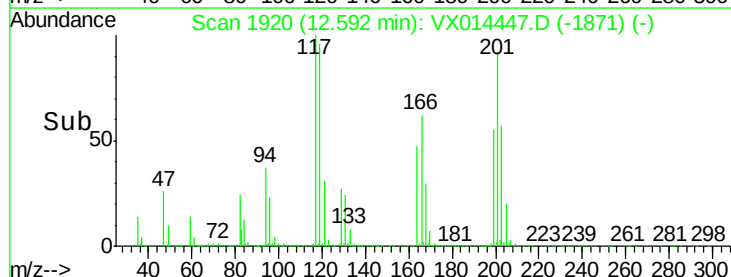
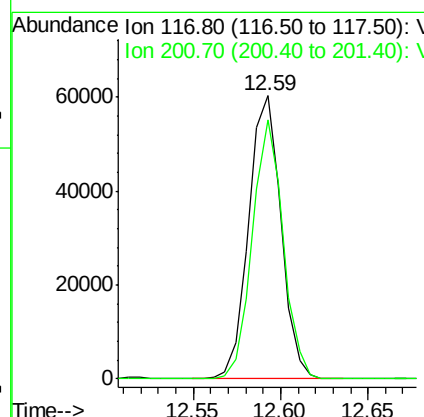
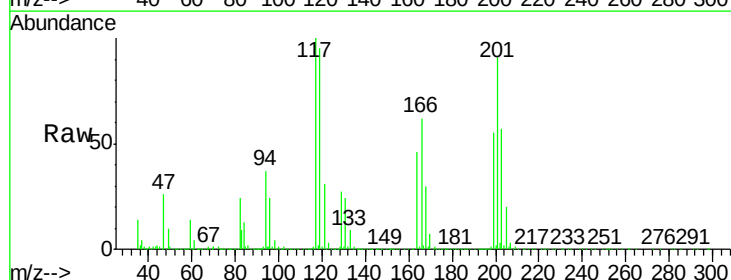
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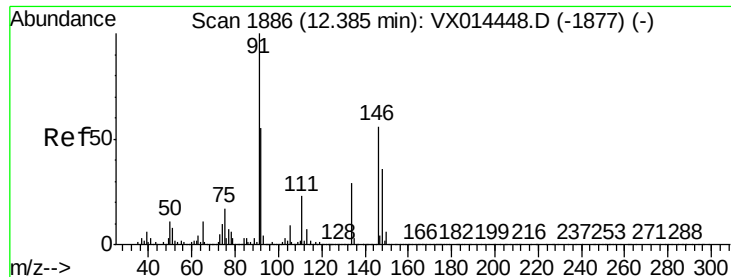
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#90
Hexachloroethane
Concen: 18.434 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77408		
201	87.2	44.8	134.3	





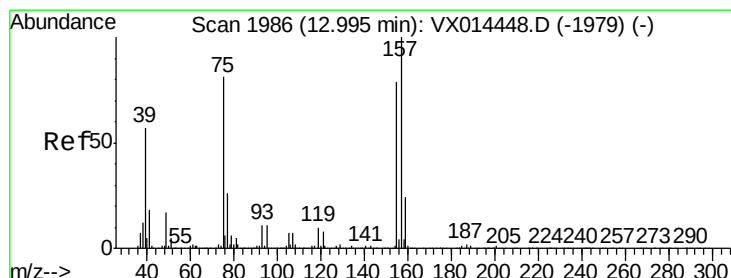
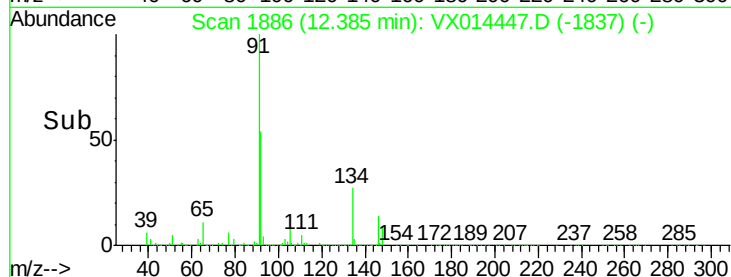
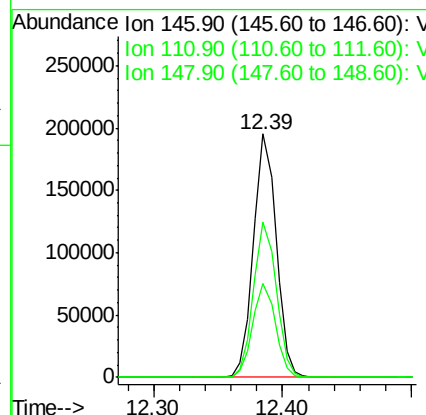
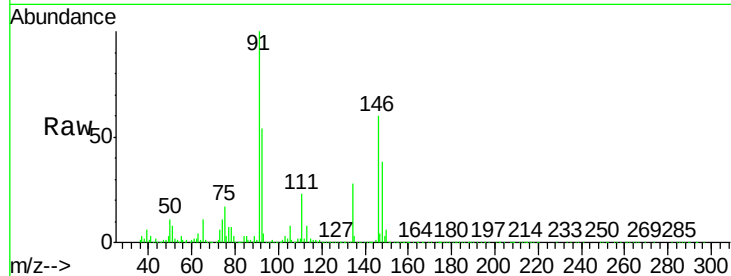
#91
 1,2-Dichlorobenzene
 Concen: 18.418 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	236277		
111	39.2	19.8	59.4	
148	64.1	32.3	96.8	

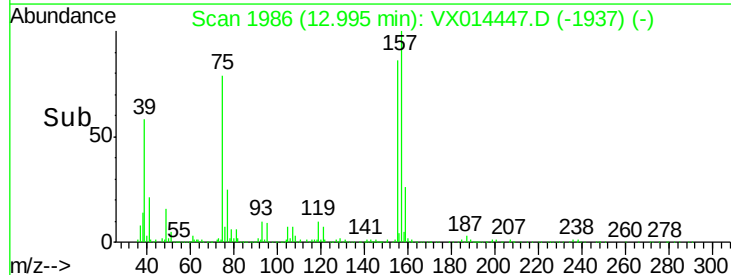
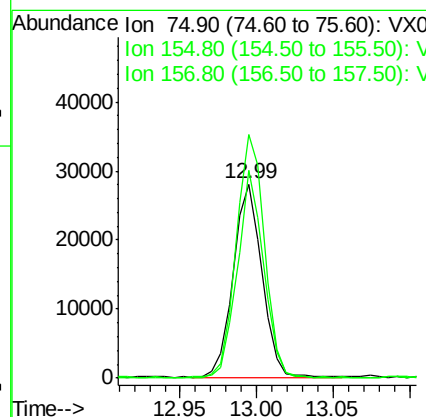
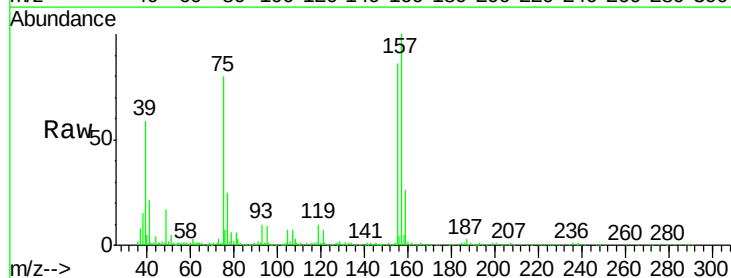
Manual Integrations
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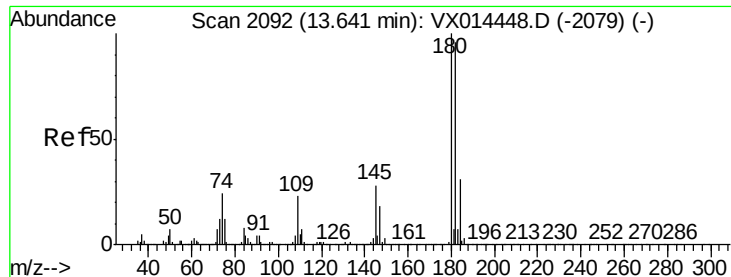
apatel
 1/8/2020 9:15:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.814 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36180		
155	99.9	48.7	146.1	
157	125.0	62.0	185.9	





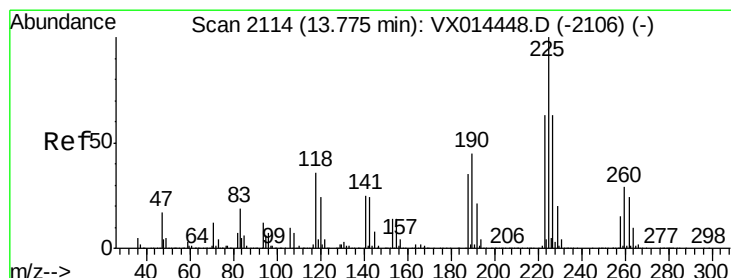
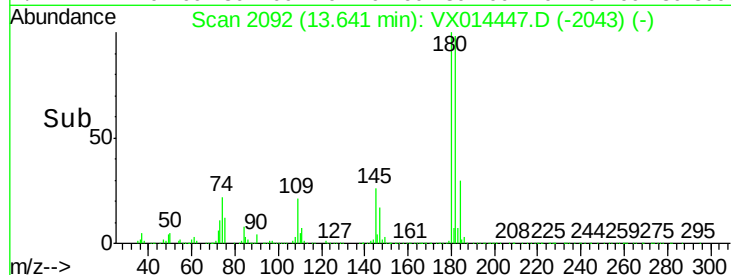
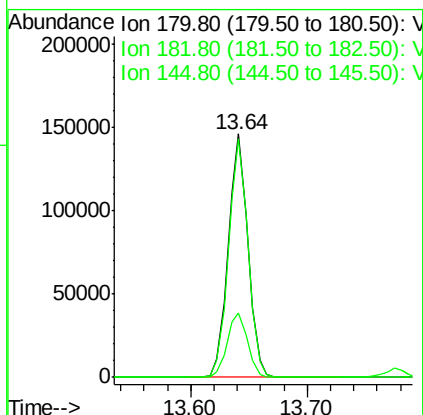
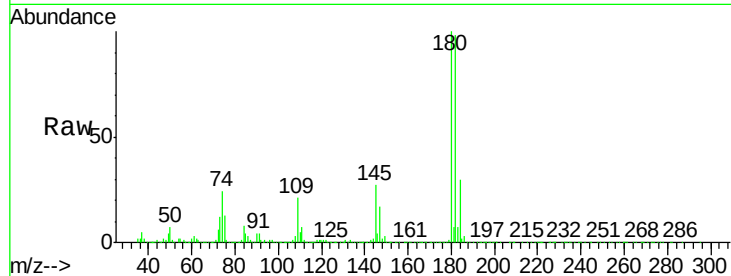
#93
 1,2,4-Trichlorobenzene
 Concen: 20.149 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	171309		
182	97.2	47.5	142.5	
145	27.2	13.9	41.6	

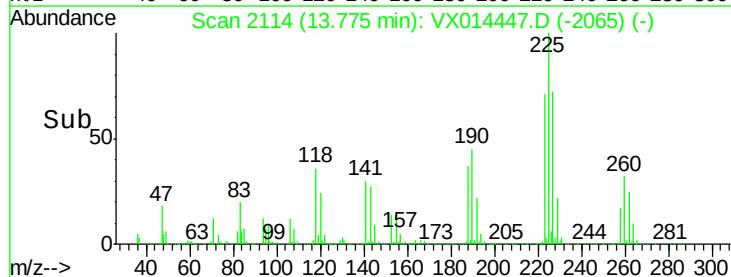
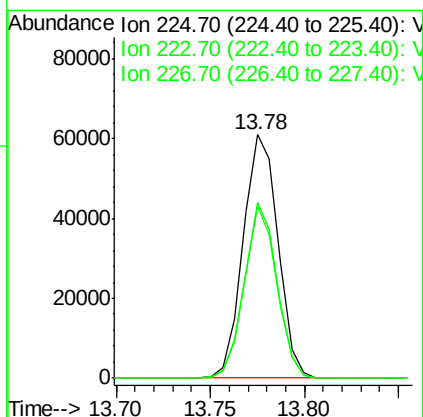
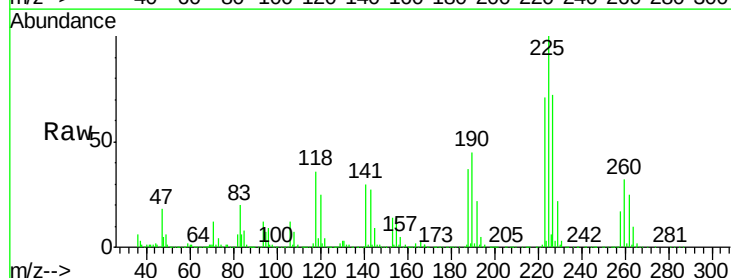
Manual Integrations
 APPROVED

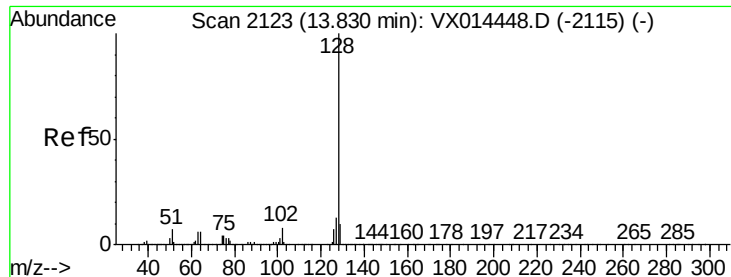
apatel
 1/8/2020 9:15:50 AM



#94
 Hexachlorobutadiene
 Concen: 19.048 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77750		
223	66.6	31.1	93.2	
227	68.0	31.4	94.2	





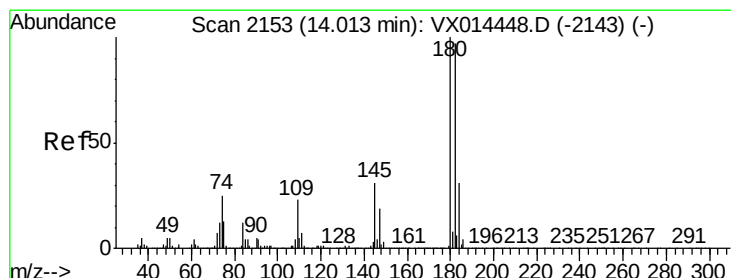
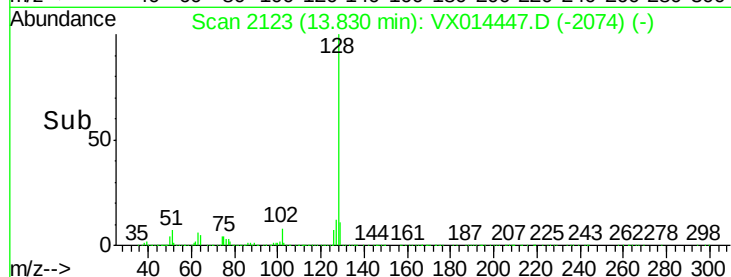
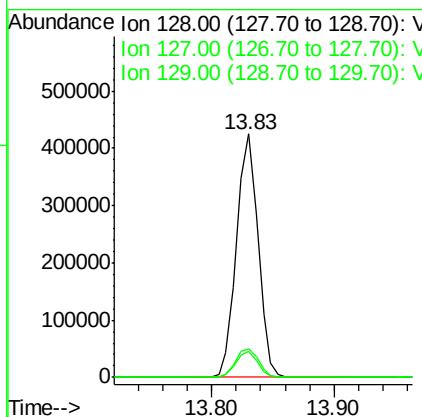
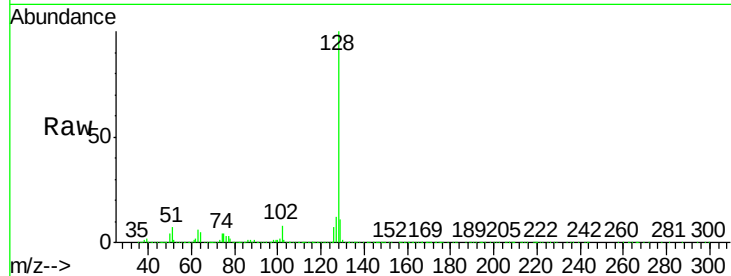
#95
Naphthalene
Concen: 20.733 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	515828		
127	12.6	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
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apatel
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#96
1,2,3-Trichlorobenzene
Concen: 19.997 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	167085		
182	96.1	47.9	143.6	
145	29.7	14.8	44.3	

