

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014350.D
 Acq On : 30 Dec 2019 13:37
 Operator : JC/SP
 Sample : VX1230WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Manual Integrations
 APPROVED

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 12/31/2019 9:32:39 AM

Quant Time: Dec 31 02:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	778289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	703109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279521	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	231028	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	885864	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	320341	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	74604	16.310	ug/l 98
3) Chloromethane	1.32	50	106714	17.384	ug/l 100
4) Vinyl Chloride	1.40	62	113447	17.514	ug/l 99
5) Bromomethane	1.63	94	69736	15.169	ug/l 98
6) Chloroethane	1.72	64	76353	19.099	ug/l 95
7) Trichlorofluoromethane	1.92	101	148524	18.523	ug/l 98
8) Diethyl Ether	2.18	74	68313	18.153	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92531	19.144	ug/l 98
10) Methyl Iodide	2.50	142	93875	16.576	ug/l 99
11) Tert butyl alcohol	3.03	59	112661	89.975	ug/l 98
12) 1,1-Dichloroethene	2.37	96	87855	17.863	ug/l 100
13) Acrolein	2.28	56	61017	85.128	ug/l 97
14) Allyl chloride	2.72	41	167014	19.019	ug/l 98
15) Acrylonitrile	3.13	53	283426	96.978	ug/l 100
16) Acetone	2.43	43	253658	67.424	ug/l 100
17) Carbon Disulfide	2.56	76	221128	16.702	ug/l 99
18) Methyl Acetate	2.76	43	145919	19.574	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	309851	19.172	ug/l 98
20) Methylene Chloride	2.84	84	110418	18.638	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	96654	17.838	ug/l 98
22) Diisopropyl ether	3.84	45	352133	20.122	ug/l 93
23) Vinyl Acetate	3.80	43	1468391	102.824	ug/l 100
24) 1,1-Dichloroethane	3.69	63	183055	18.802	ug/l 99
25) 2-Butanone	4.65	43	391786	84.468	ug/l 97
26) 2,2-Dichloropropane	4.57	77	143388	18.969	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	112165	18.303	ug/l 99
28) Bromochloromethane	5.00	49	77894	21.068	ug/l 94
29) Tetrahydrofuran	5.11	42	247379	95.355	ug/l 99
30) Chloroform	5.20	83	179604	19.460	ug/l 98
31) Cyclohexane	5.57	56	160898	18.581	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	147619	18.766	ug/l 97
36) 1,1-Dichloropropene	5.79	75	131703	18.443	ug/l 99
37) Ethyl Acetate	4.81	43	154358	19.574	ug/l 99
38) Carbon Tetrachloride	5.77	117	120916	18.586	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166216	18.850	ug/l	99
40) Benzene	6.13	78	415797	18.923	ug/l	98
41) Methacrylonitrile	5.03	41	86517	19.773	ug/l	97
42) 1,2-Dichloroethane	6.18	62	137903	18.515	ug/l	98
43) Isopropyl Acetate	6.43	43	252852	19.374	ug/l	99
44) Trichloroethene	7.20	130	112234	18.493	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111313	19.765	ug/l	98
46) Dibromomethane	7.65	93	67720	18.187	ug/l	98
47) Bromodichloromethane	7.89	83	134909	19.238	ug/l	98
48) Methyl methacrylate	7.76	41	122115	19.108	ug/l	98
49) 1,4-Dioxane	7.73	88	46573	358.113	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	780498	95.227	ug/l	99
52) Toluene	8.78	92	258079	18.582	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	146441	19.045	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	165691	19.342	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107705	19.349	ug/l	99
56) Ethyl methacrylate	9.17	69	163827	18.737	ug/l	98
57) 1,3-Dichloropropane	9.36	76	182086	19.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	357250	107.965	ug/l	99
59) 2-Hexanone	9.48	43	582002	88.210	ug/l	99
60) Dibromochloromethane	9.57	129	105772	19.117	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110421	19.388	ug/l	99
64) Tetrachloroethene	9.33	164	115990	18.643	ug/l	97
65) Chlorobenzene	10.13	112	279662	18.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102723	19.244	ug/l	99
67) Ethyl Benzene	10.25	91	485570	18.892	ug/l	98
68) m/p-Xylenes	10.35	106	371924	37.623	ug/l	100
69) o-Xylene	10.70	106	177833	18.342	ug/l	97
70) Styrene	10.71	104	305113	18.611	ug/l	100
71) Bromoform	10.85	173	78069	18.195	ug/l	100
73) Isopropylbenzene	11.01	105	479409	20.019	ug/l	99
74) N-amyl acetate	10.89	43	214433	19.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160256	19.303	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154664m	20.946	ug/l	
77) Bromobenzene	11.25	156	122259	18.556	ug/l	98
78) n-propylbenzene	11.35	91	538755	20.057	ug/l	100
79) 2-Chlorotoluene	11.42	91	321400	19.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	397723	19.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48134	18.399	ug/l	93
82) 4-Chlorotoluene	11.51	91	370133	19.542	ug/l	98
83) tert-Butylbenzene	11.76	119	382281	19.491	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401412	19.888	ug/l	100
85) sec-Butylbenzene	11.94	105	464946	20.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	422926	19.968	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219608	19.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214933	18.305	ug/l	98
89) n-Butylbenzene	12.39	91	358711	19.849	ug/l	100
90) Hexachloroethane	12.59	117	72822	19.142	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219027	18.842	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32282	17.571	ug/l	99

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ClientSampleId :
VX1230WBS02

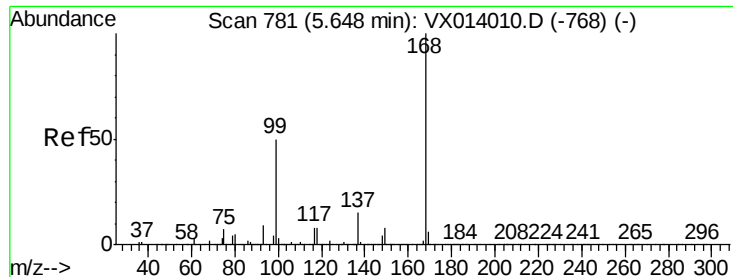
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141527	18.732	ug/l	99
94) Hexachlorobutadiene	13.78	225	71572	19.711	ug/l	97
95) Naphthalene	13.83	128	416169	18.748	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	141974	19.036	ug/l	98

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



#1

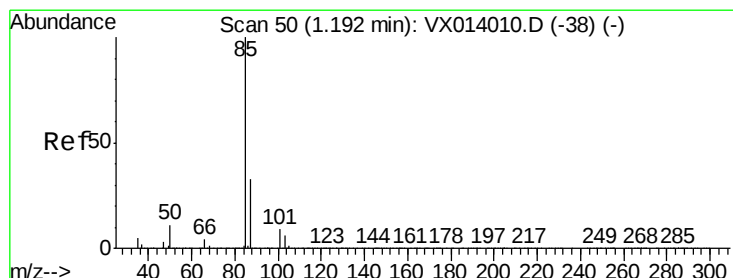
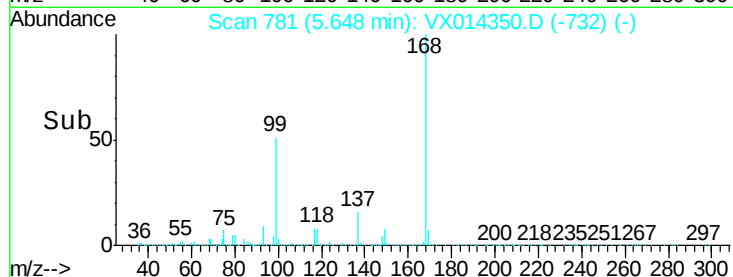
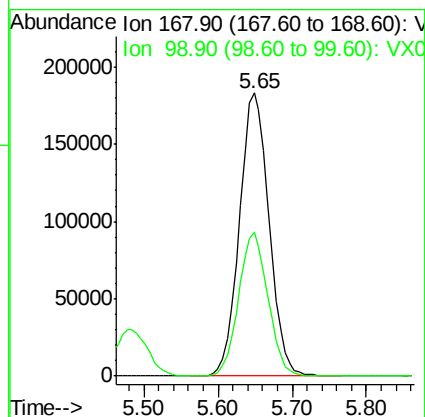
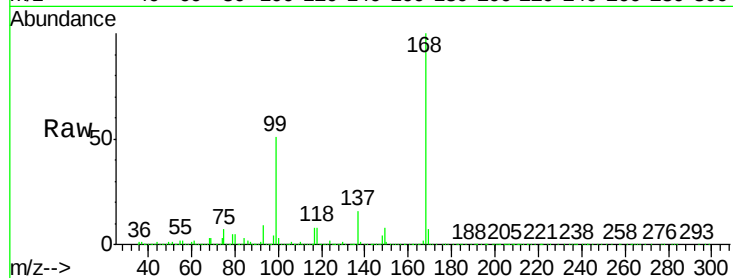
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.8	40.3	60.5

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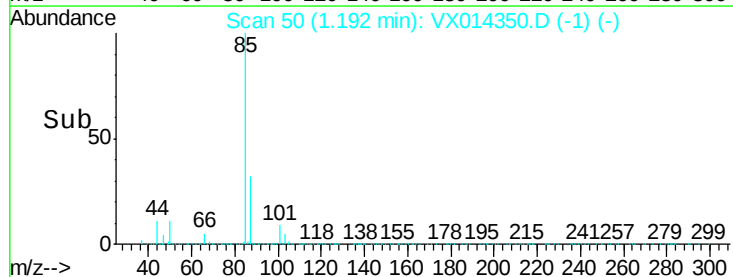
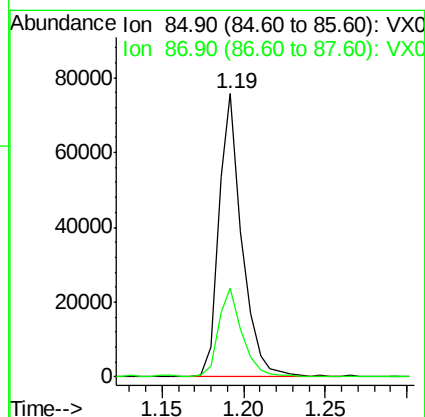
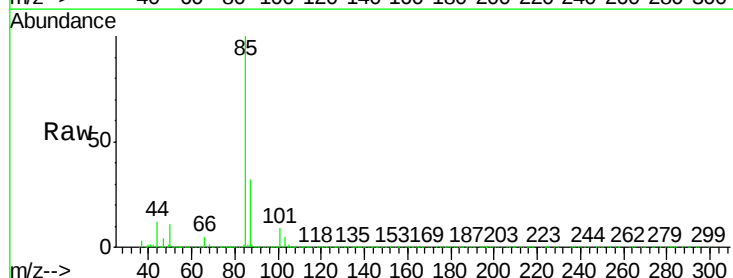
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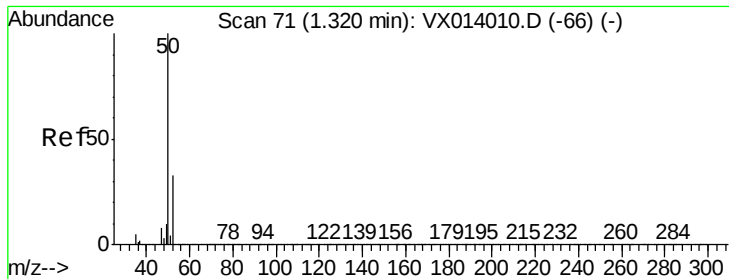


#2

Dichlorodifluoromethane
Concen: 16.310 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.4	49.2





#3

Chloromethane

Concen: 17.384 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 50 Resp: 106714

Ion Ratio Lower Upper

50 100

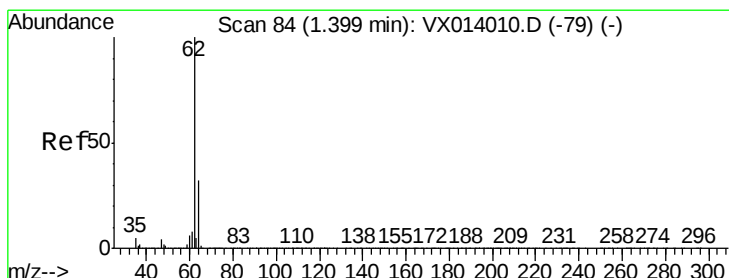
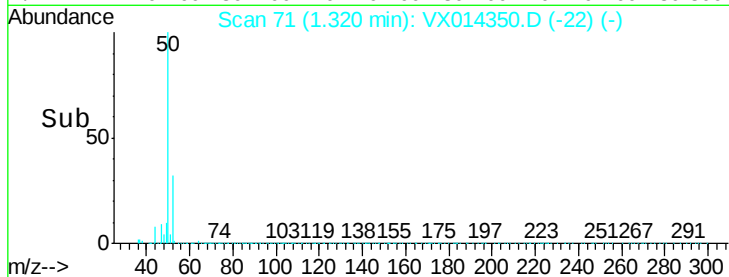
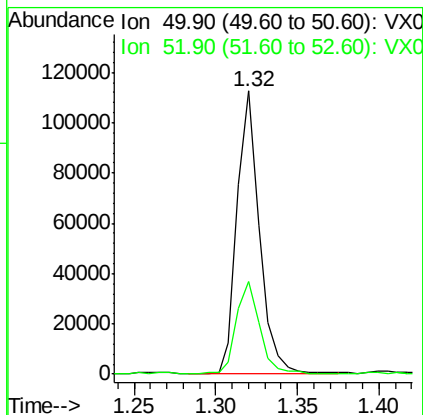
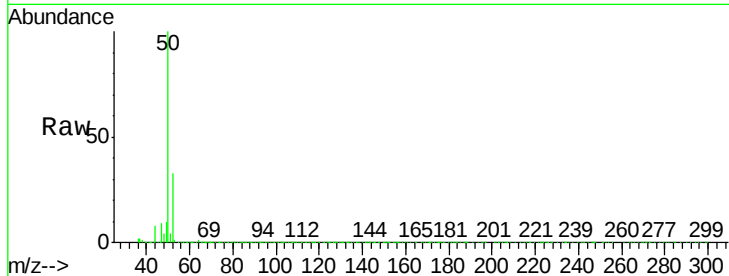
52 32.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 17.514 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014350.D

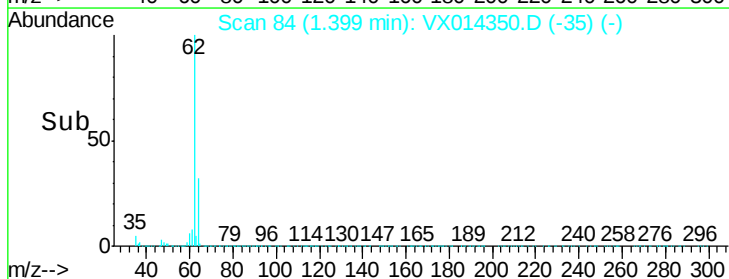
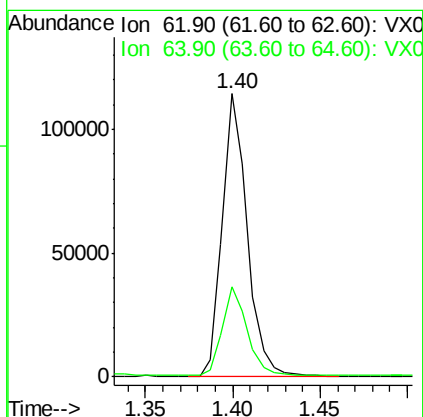
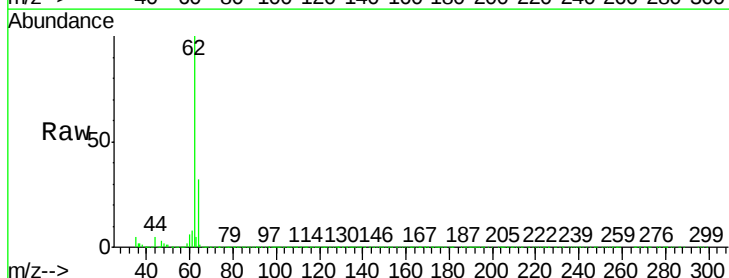
Acq: 30 Dec 2019 13:37

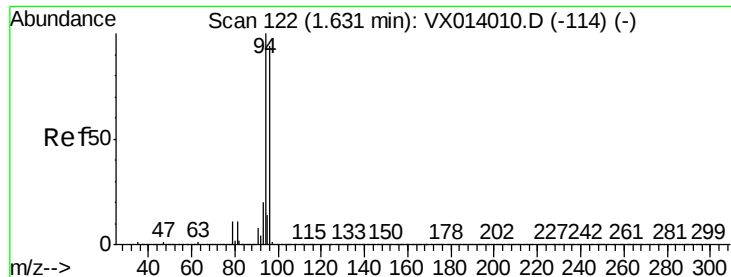
Tgt Ion: 62 Resp: 113447

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 15.169 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 94 Resp: 69736

Ion Ratio Lower Upper

94 100

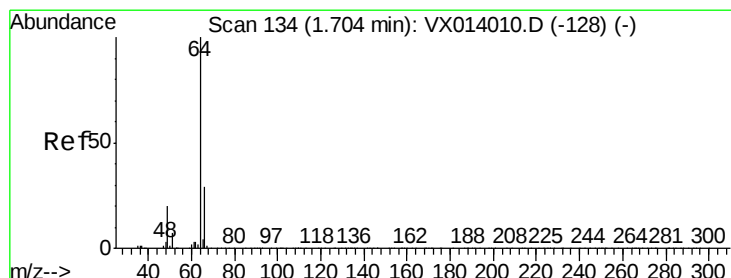
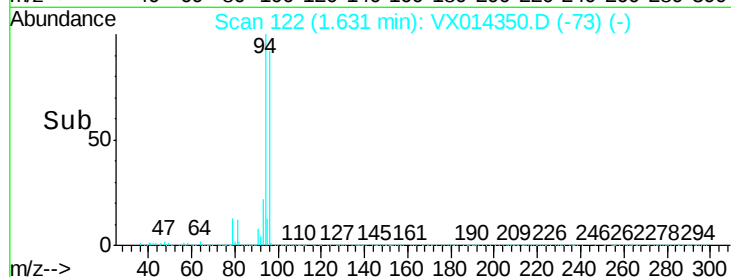
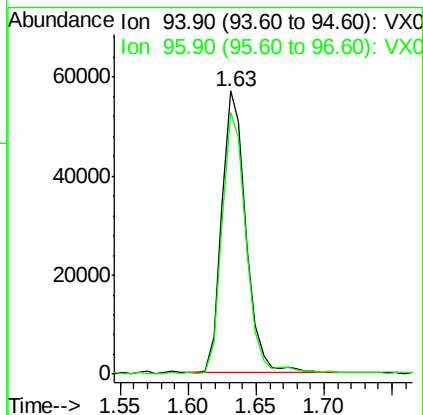
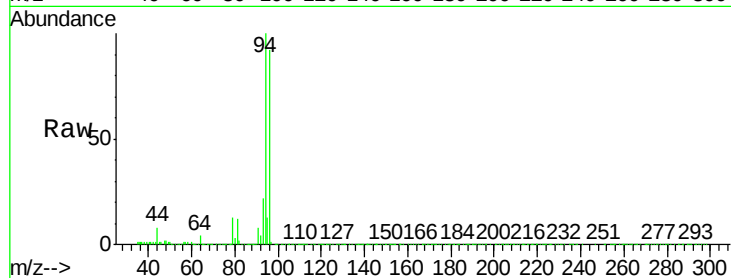
96 92.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.099 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014350.D

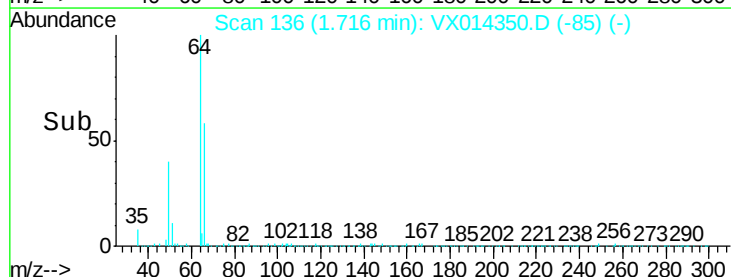
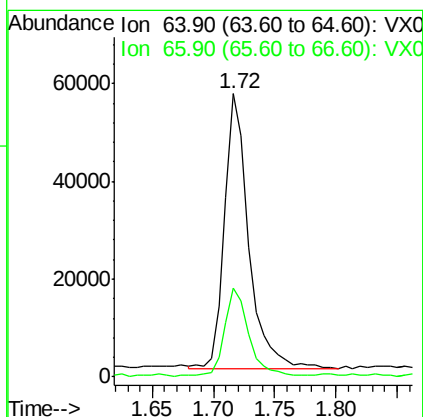
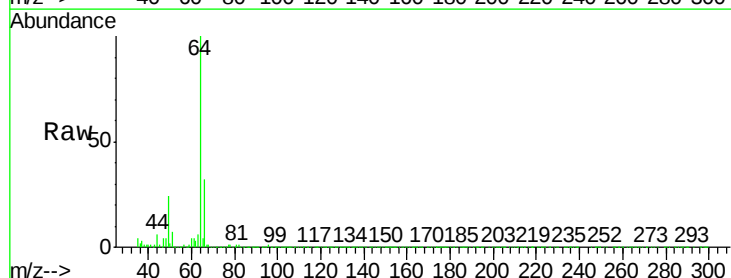
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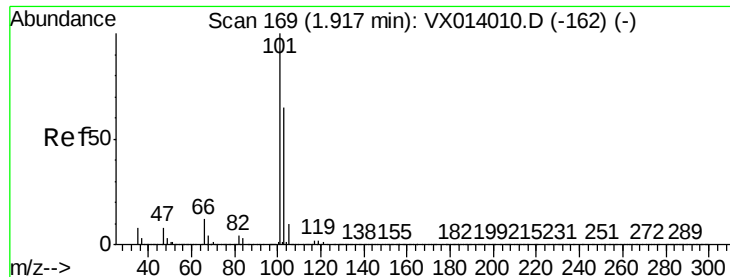
Tgt Ion: 64 Resp: 76353

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2





#7

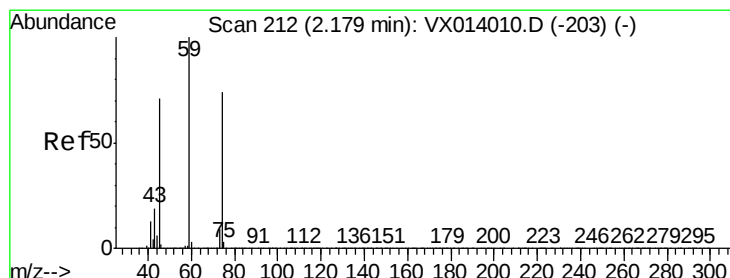
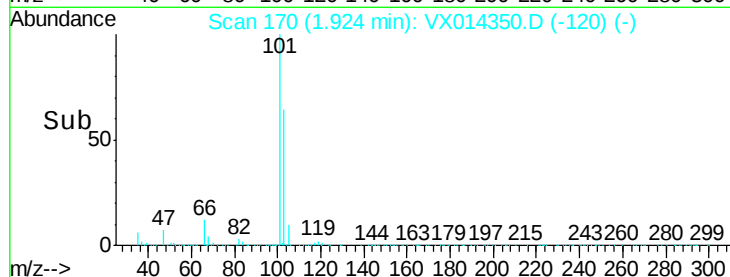
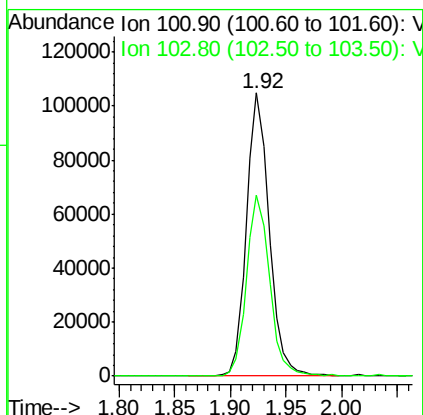
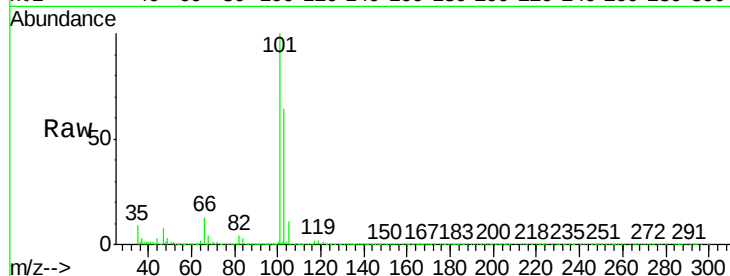
Trichlorofluoromethane
Concen: 18.523 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		148524		
103	63.8	52.2	78.4		

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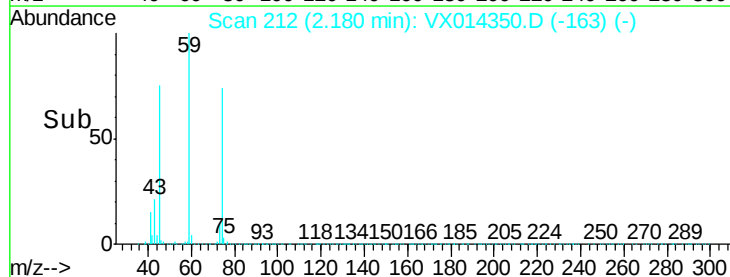
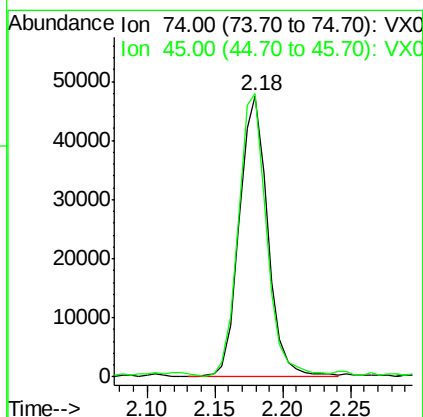
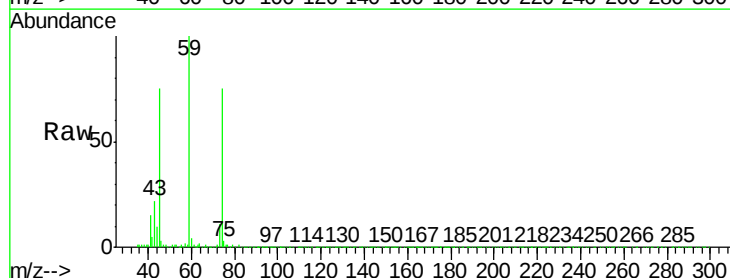
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12/31/2019 9:32:39 AM

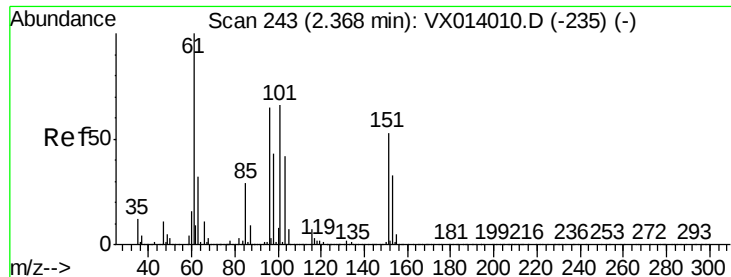


#8

Diethyl Ether
Concen: 18.153 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		68313		
45	102.4	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.144 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

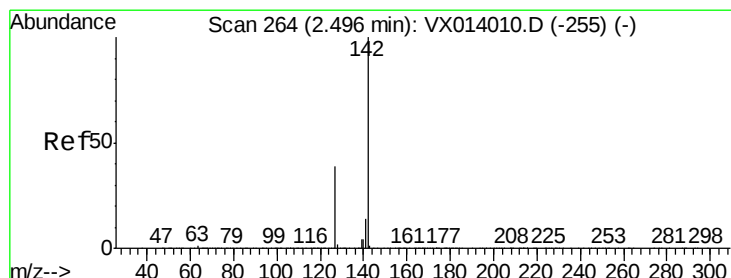
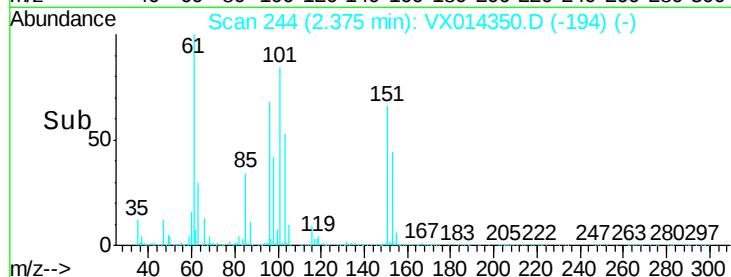
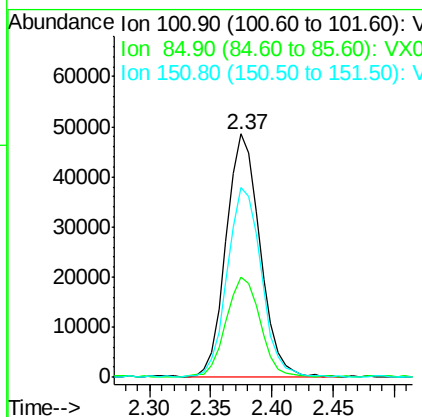
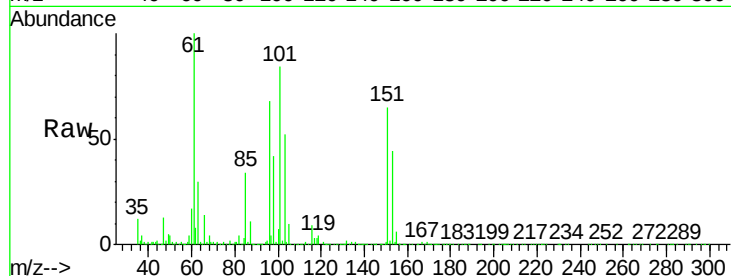
ClientSampleId :

VX1230WBS02

Tot Ion:	101	Resp:	92531
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.7	50.5
151	78.7	64.5	96.7

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#10

Methyl Iodide

Concen: 16.576 ug/l

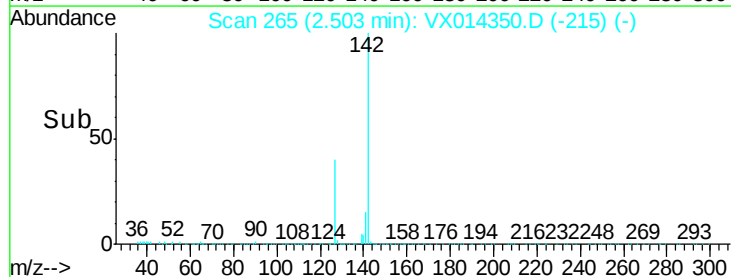
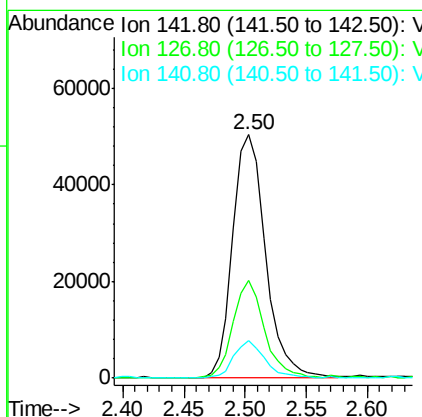
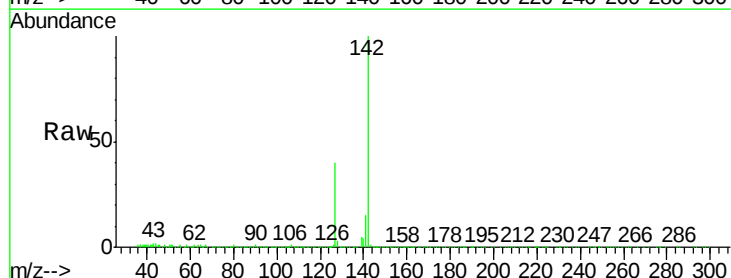
RT: 2.50 min Scan# 265

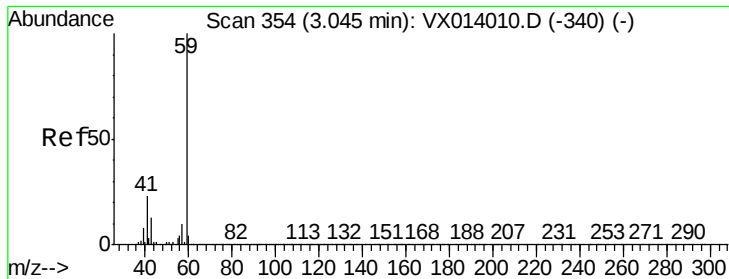
Delta R.T. 0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	142	Resp:	93875
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.6	47.4
141	14.3	11.6	17.4





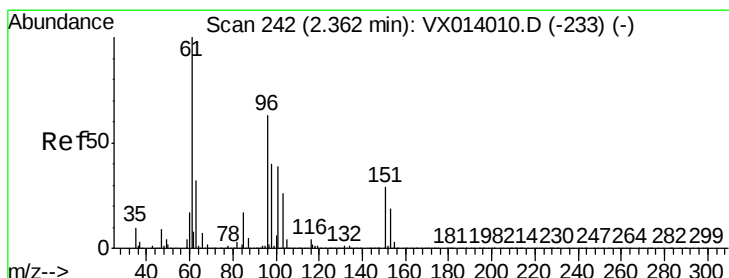
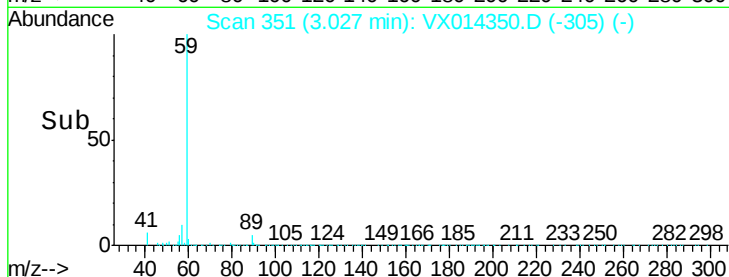
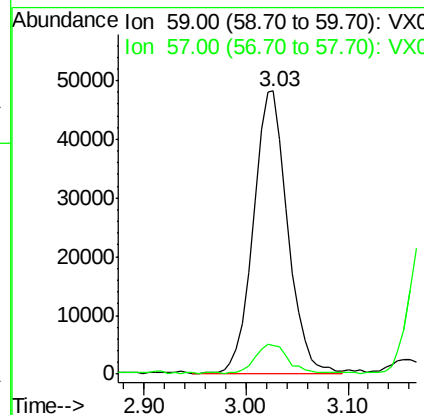
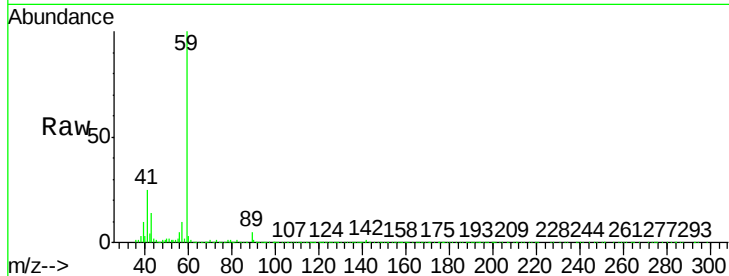
#11
Tert butyl alcohol
Concen: 89.975 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

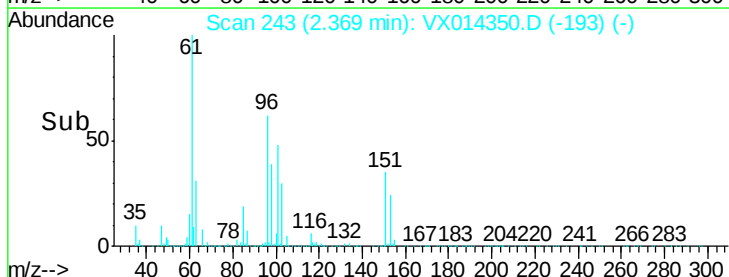
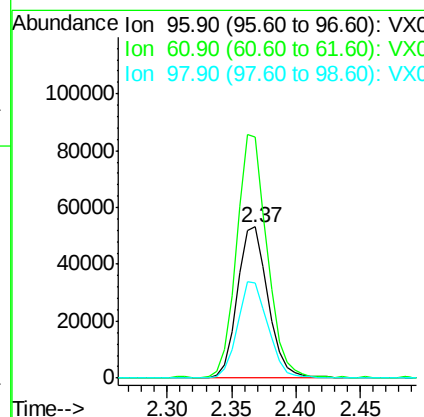
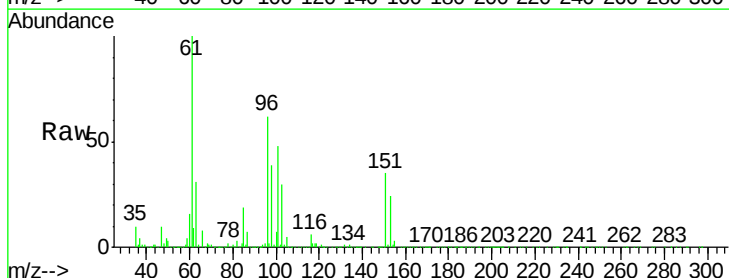
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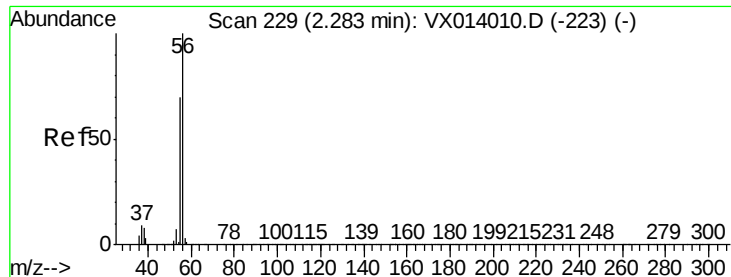
apatel
12/31/2019 9:32:39 AM



#12
1,1-Dichloroethene
Concen: 17.863 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	127.9	191.9
98	62.5	50.5	75.7





#13

Acrolein

Concen: 85.128 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 56 Resp: 61017

Ion Ratio Lower Upper

56 100

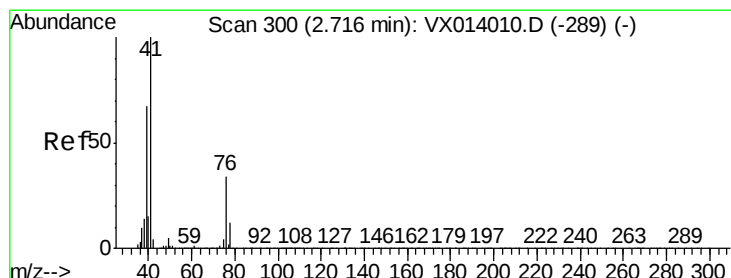
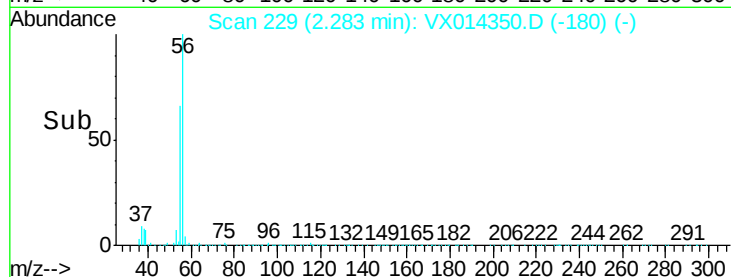
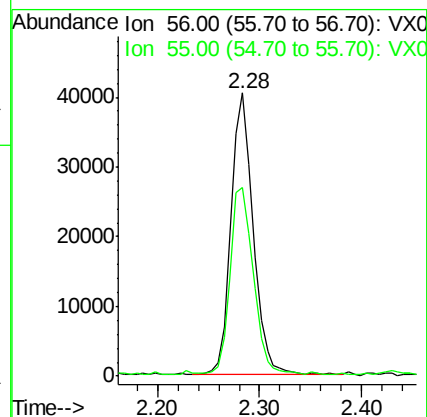
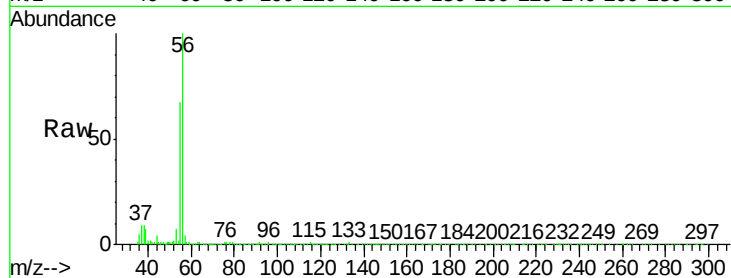
55 68.2 56.9 85.3

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#14

Allyl chloride

Concen: 19.019 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

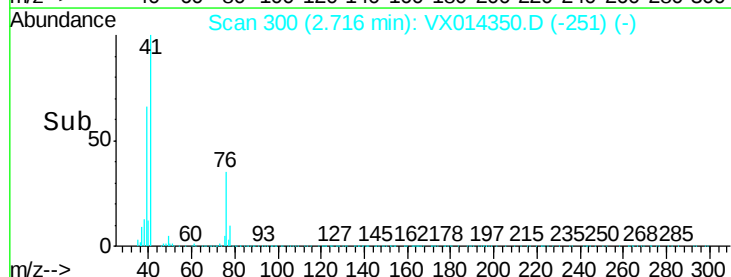
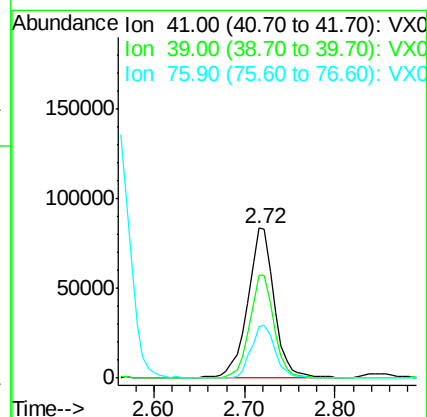
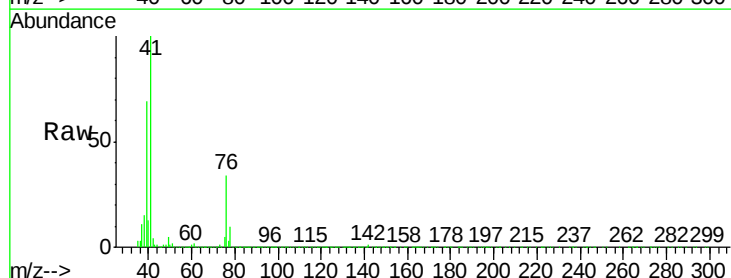
Tgt Ion: 41 Resp: 167014

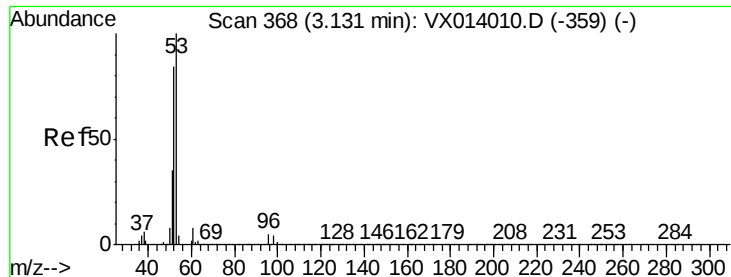
Ion Ratio Lower Upper

41 100

39 63.1 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 96.978 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

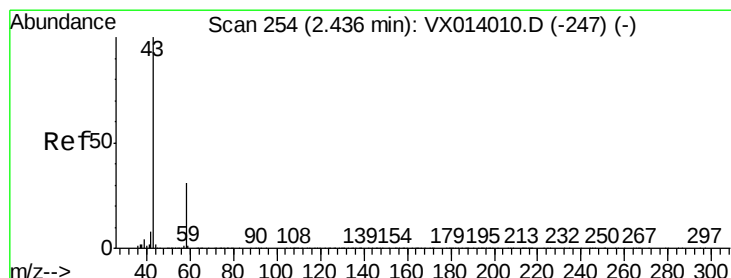
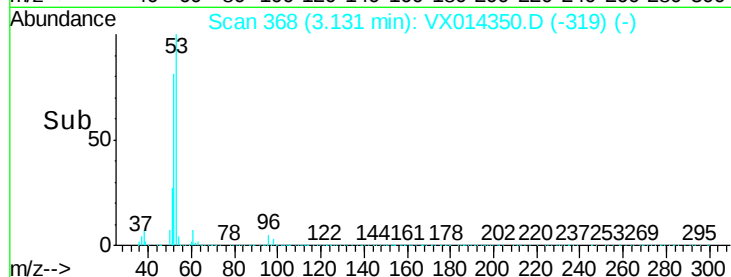
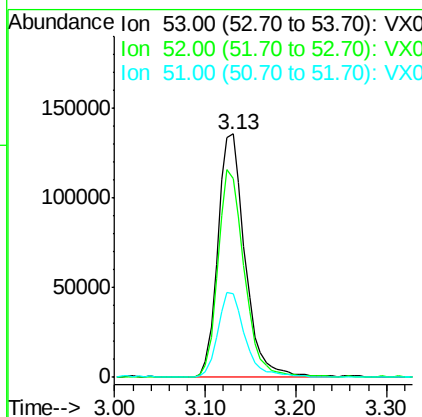
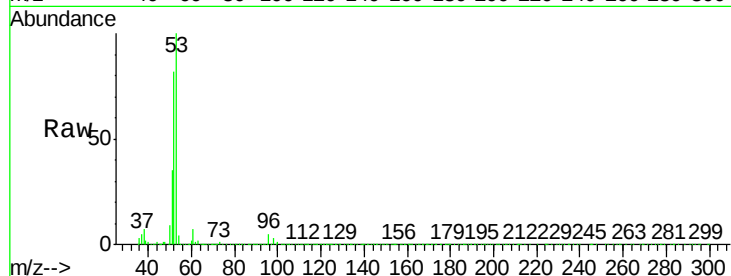
ClientSampleId :

VX1230WBS02

Tot Ion:	53	Resp:	283426
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.5	99.7
51	35.0	28.1	42.1

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#16

Acetone

Concen: 67.424 ug/l

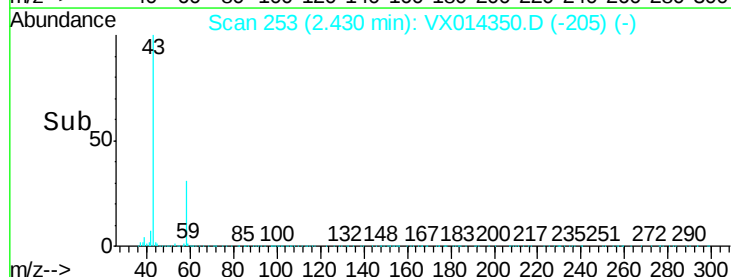
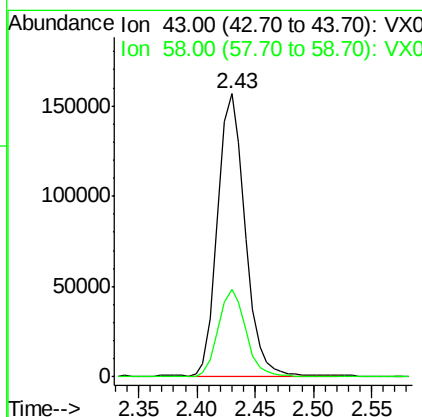
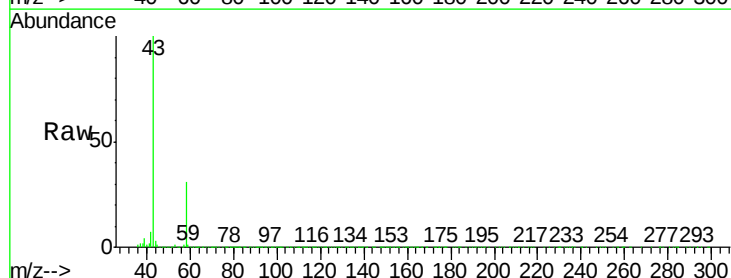
RT: 2.43 min Scan# 253

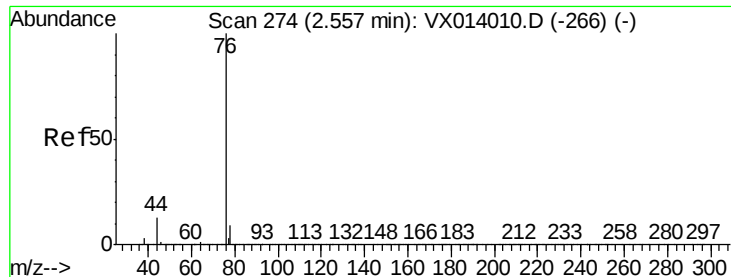
Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	43	Resp:	253658
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.9	37.3





#17

Carbon Disulfide

Concen: 16.702 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 76 Resp: 221128

Ion Ratio Lower Upper

76 100

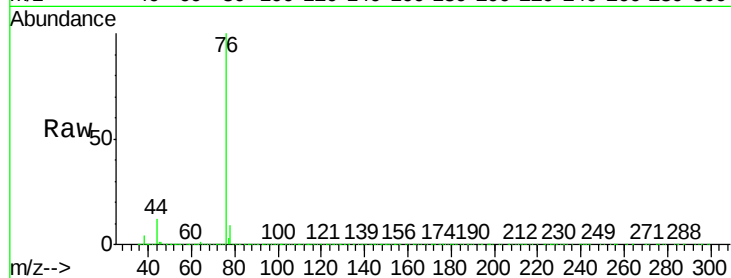
78 8.7 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

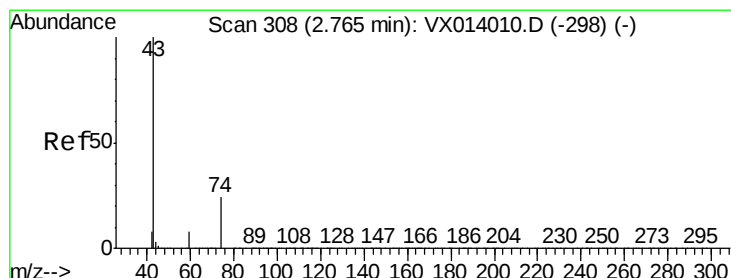
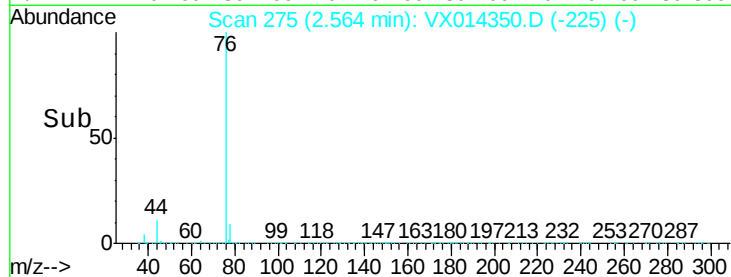
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.574 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014350.D

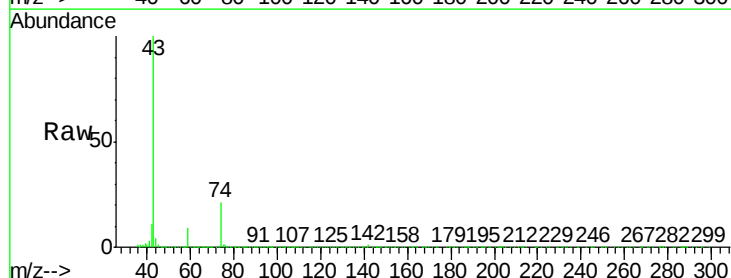
Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 145919

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

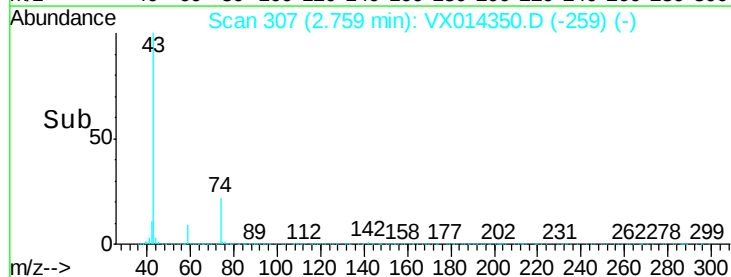
60000

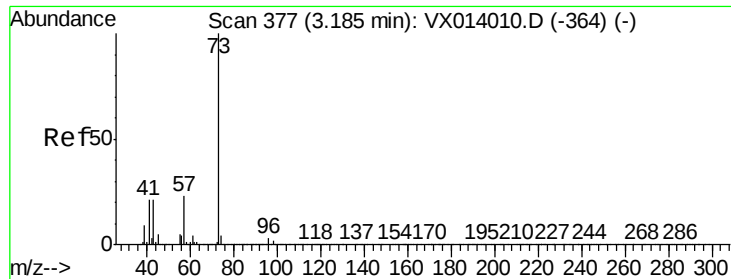
40000

20000

0

Time-->





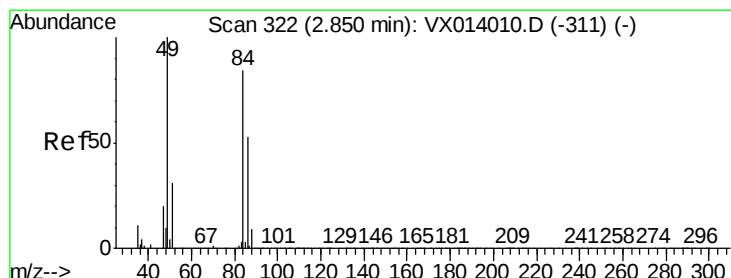
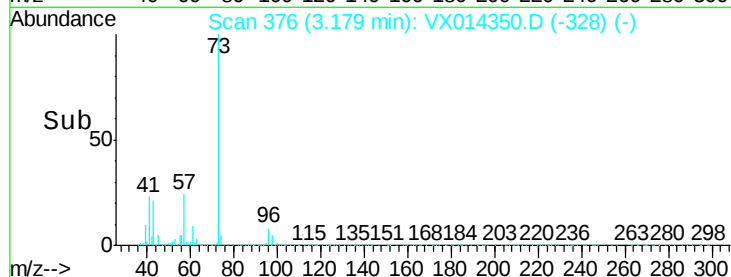
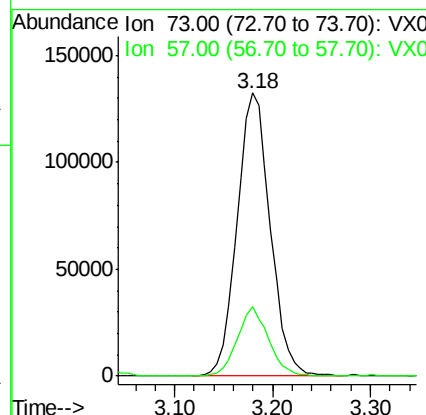
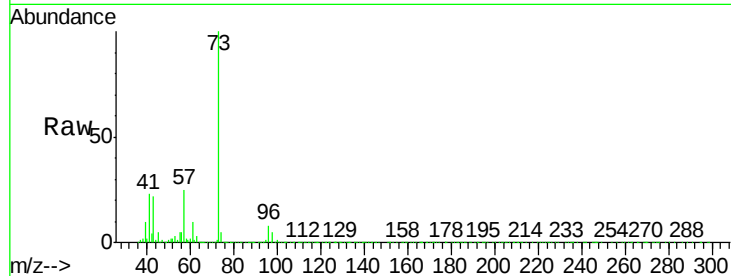
#19
Methvl tert-butvl Ether
Concen: 19.172 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.8	28.2

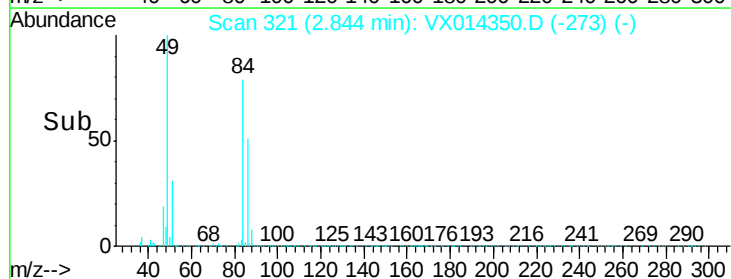
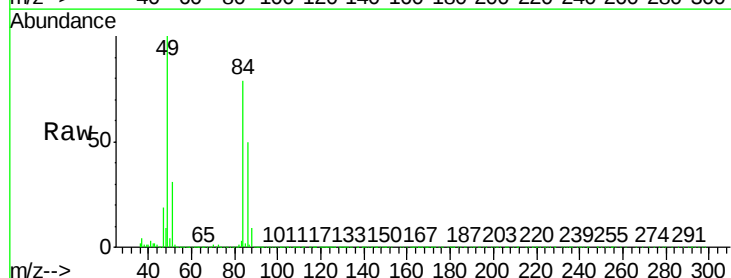
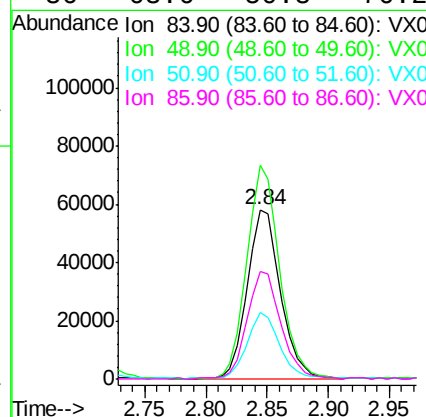
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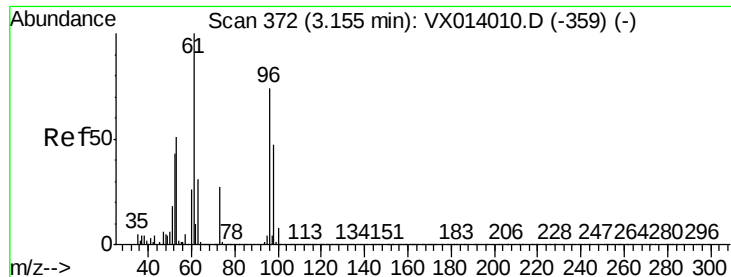
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#20
Methylene Chloride
Concen: 18.638 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	95.8	143.6
51	38.9	29.8	44.8
86	63.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 17.838 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

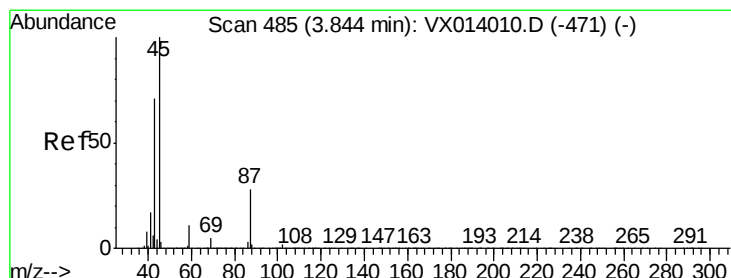
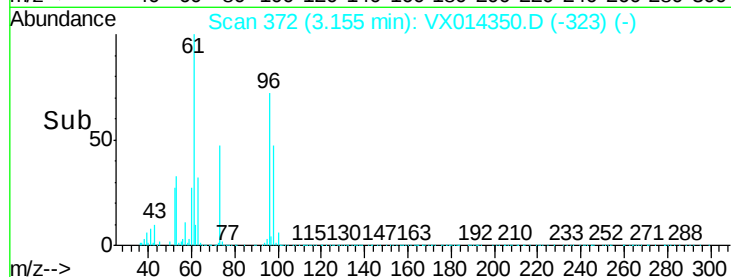
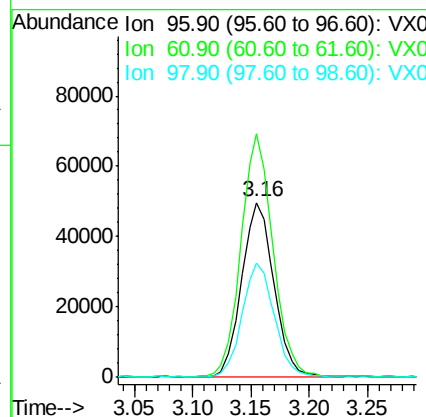
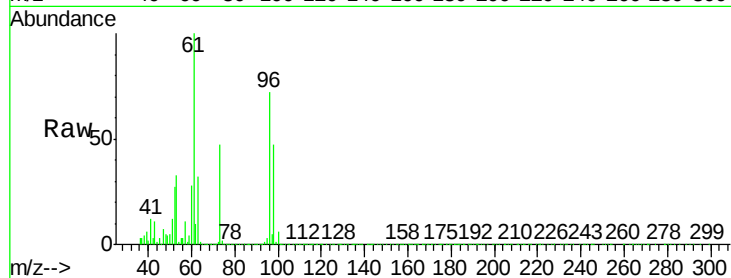
ClientSampleId :

VX1230WBS02

Tot Ion:	96	Resp:	96654
Ion Ratio	Lower	Upper	
96	100		
61	139.0	108.3	162.5
98	64.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.122 ug/l

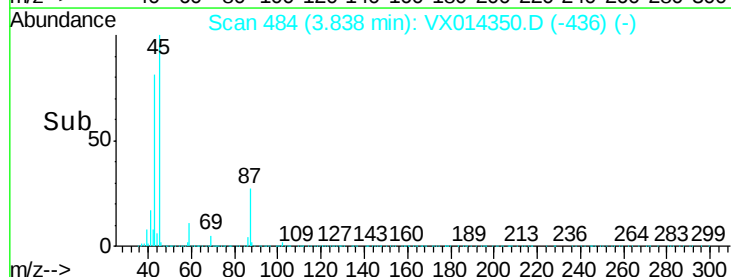
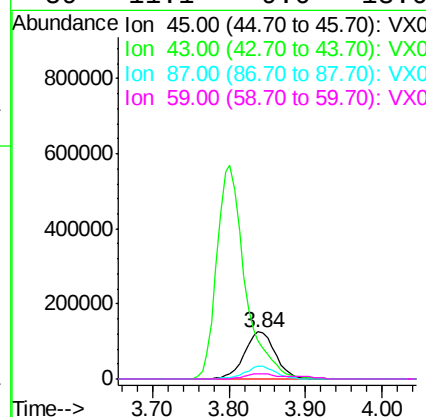
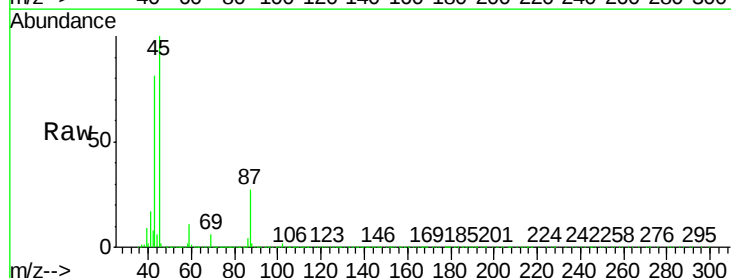
RT: 3.84 min Scan# 484

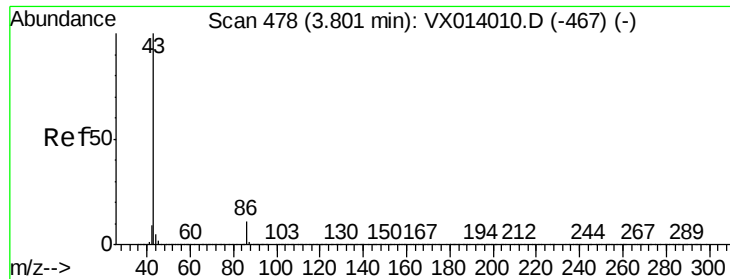
Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	45	Resp:	352133
Ion Ratio	Lower	Upper	
45	100		
43	80.2	57.4	86.0
87	26.6	21.9	32.9
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 102.824 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 43 Resp: 1468391

Ion Ratio Lower Upper

43 100

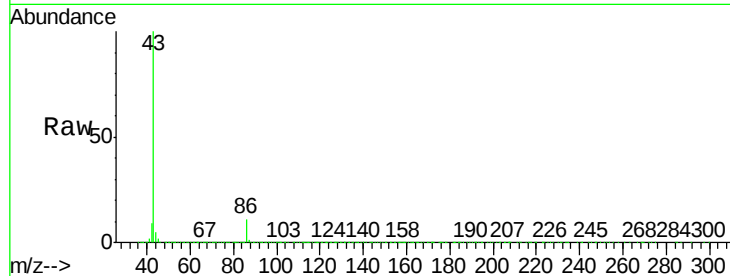
86 10.7 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

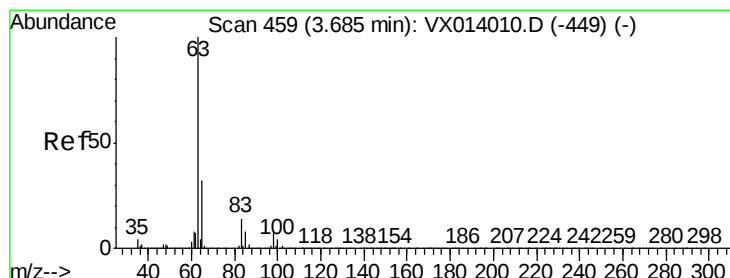
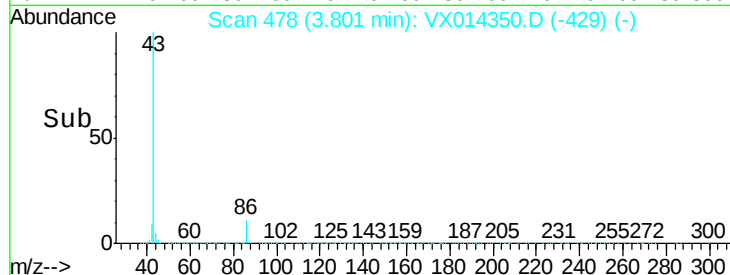
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.802 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

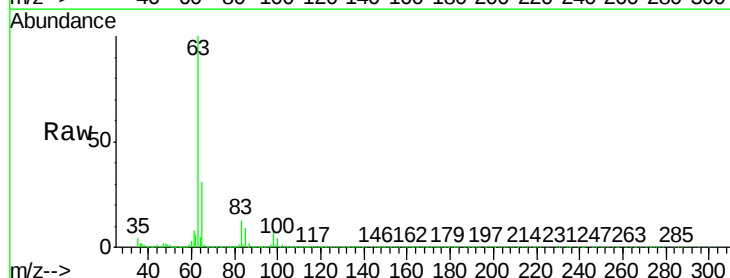
Tgt Ion: 63 Resp: 183055

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

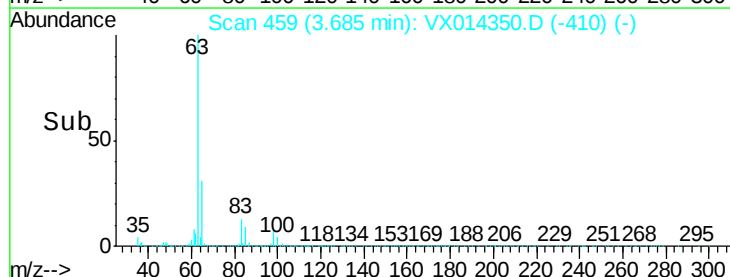
60000

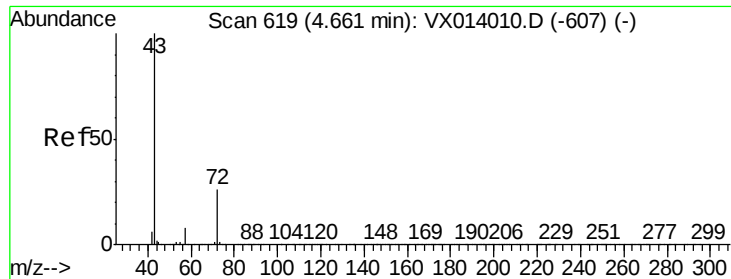
40000

20000

0

Time-->





#25

2-Butanone

Concen: 84.468 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tot Ion: 43 Resp: 391786

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

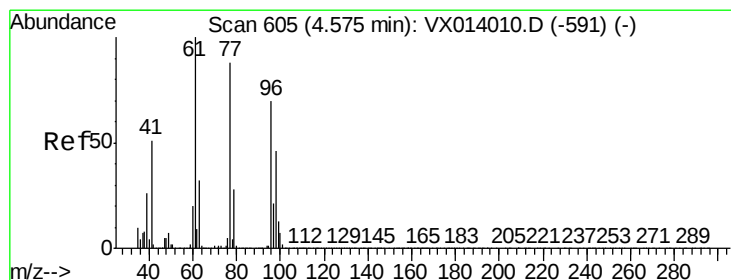
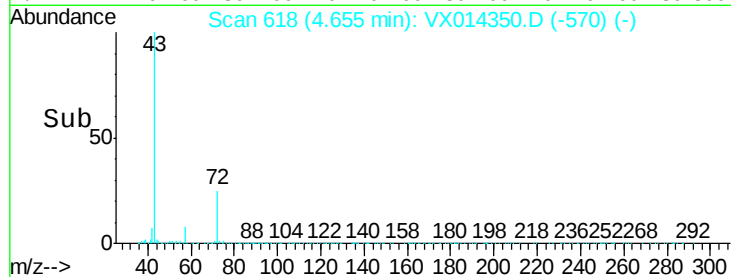
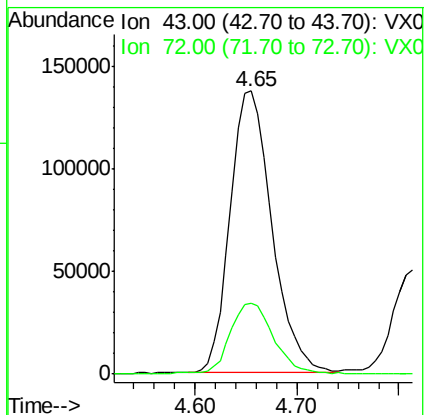
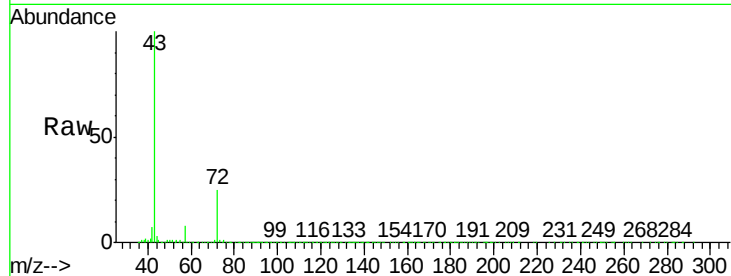
VX1230WBS02

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#26

2,2-Dichloropropane

Concen: 18.969 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014350.D

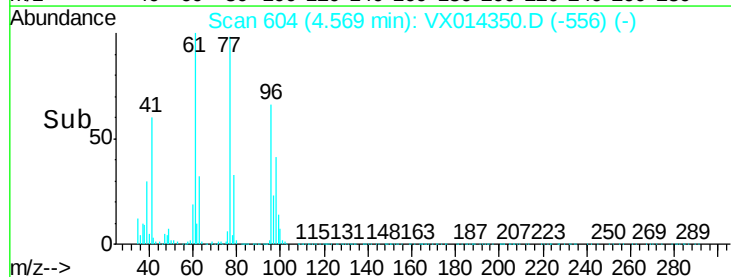
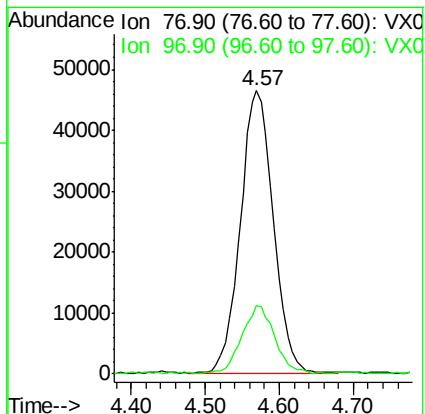
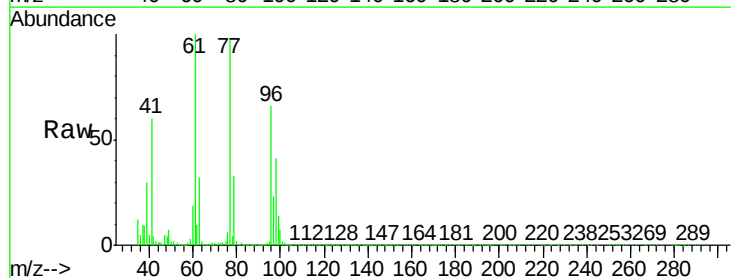
Acq: 30 Dec 2019 13:37

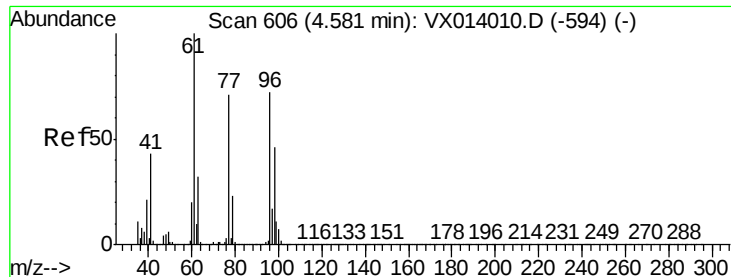
Tgt Ion: 77 Resp: 143388

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

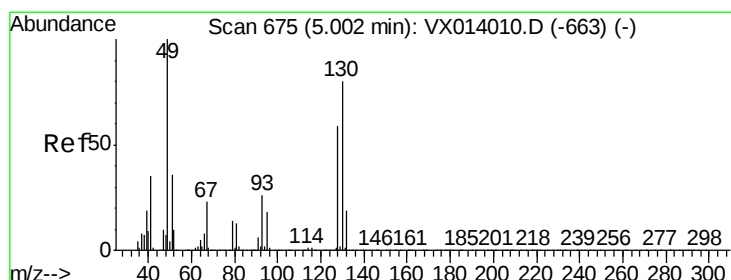
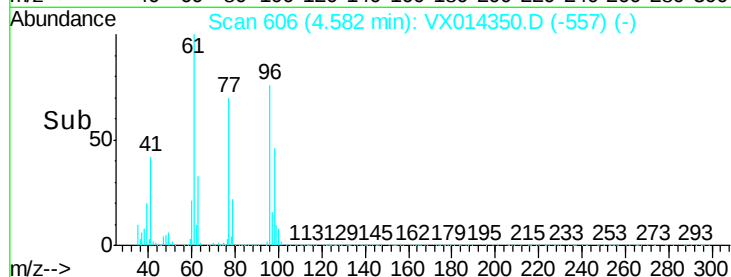
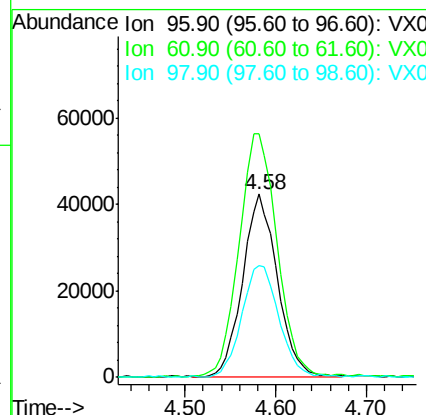
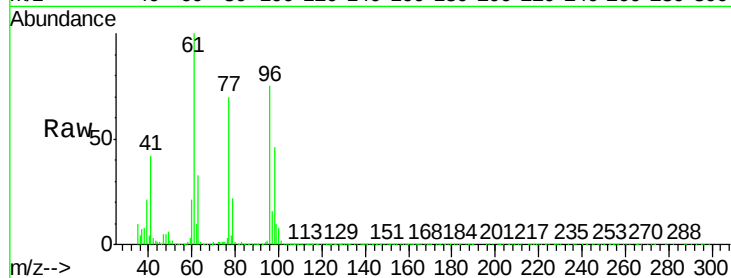
cis-1,2-Dichloroethene
Concen: 18.303 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	112165		
61	145.4	0.0	288.4	
98	66.1	0.0	129.6	

Manual Integrations
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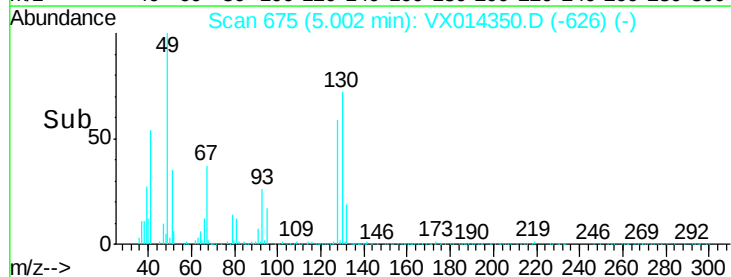
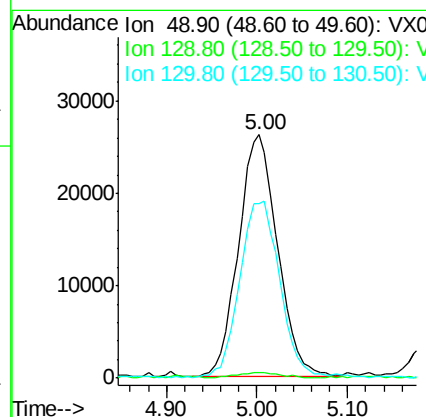
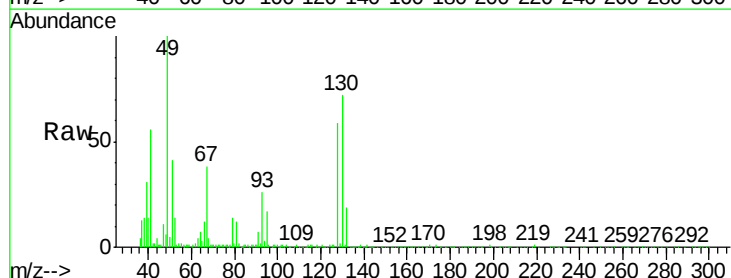
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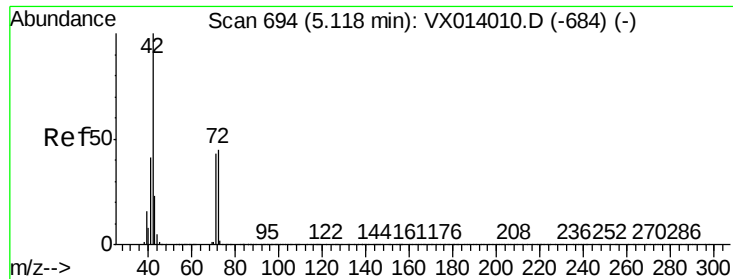


#28

Bromochloromethane
Concen: 21.068 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77894		
129	2.7	0.0	5.0	
130	75.4	64.6	97.0	





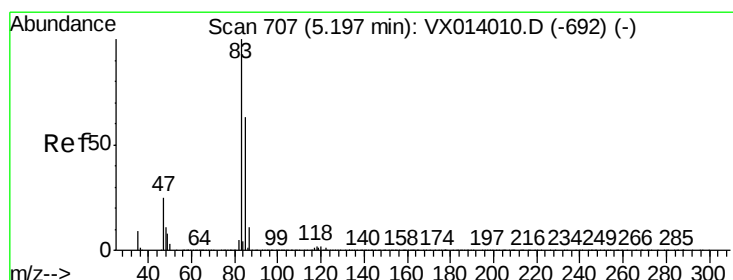
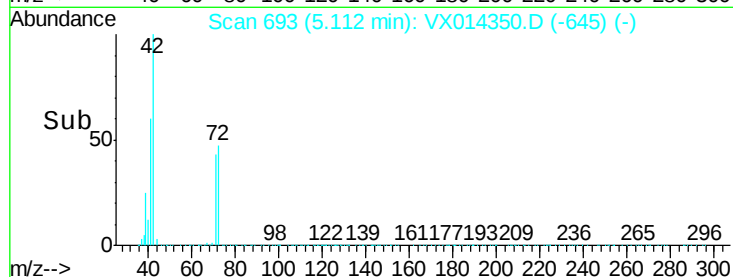
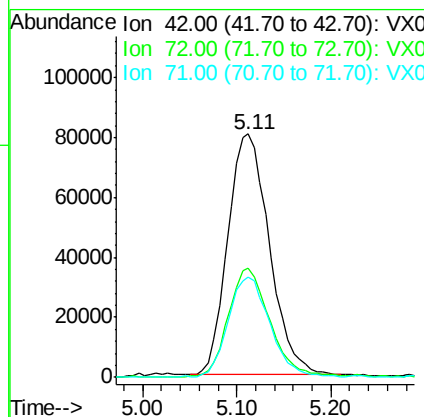
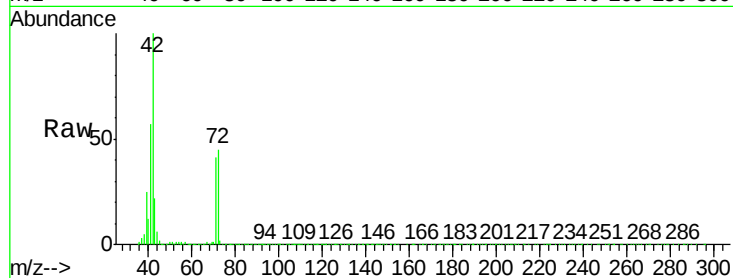
#29
Tetrahydrofuran
Concen: 95.355 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.8	53.8
71	41.5	33.6	50.4

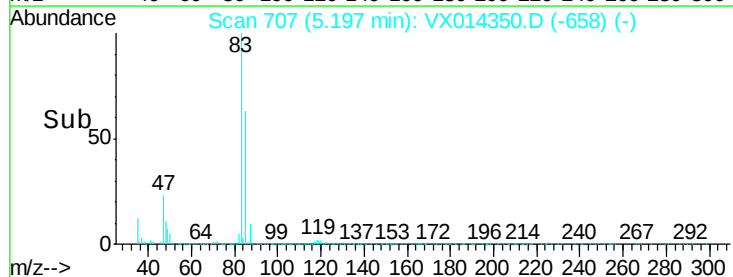
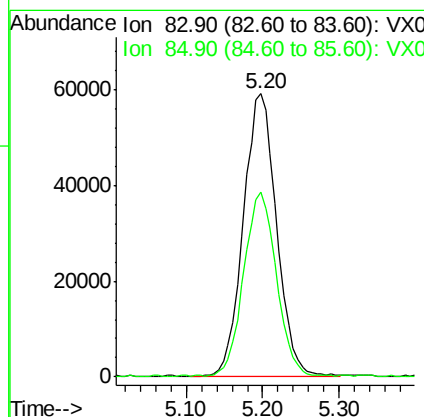
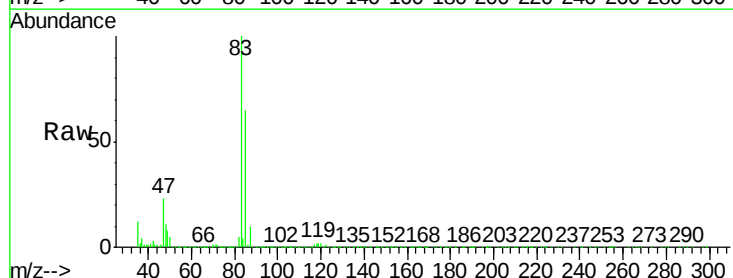
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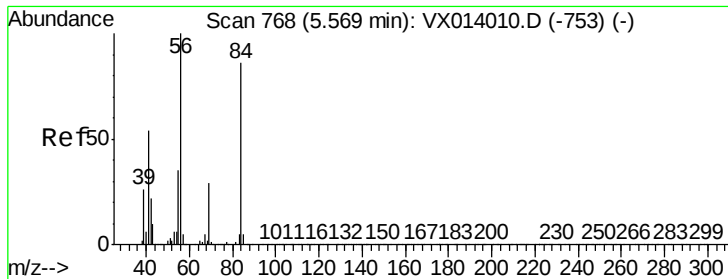
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#30
Chloroform
Concen: 19.460 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.8	76.2





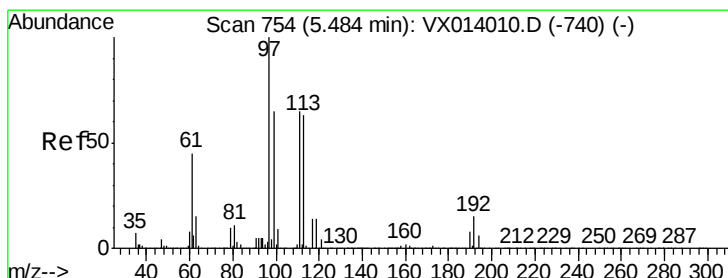
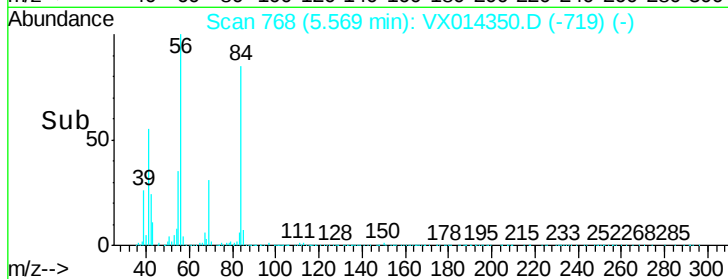
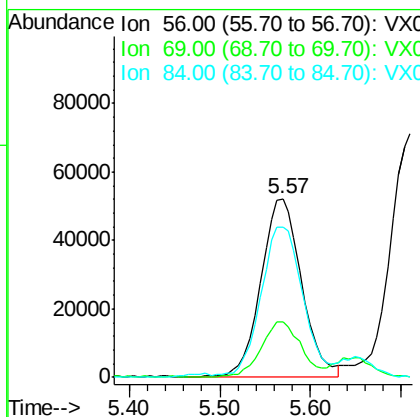
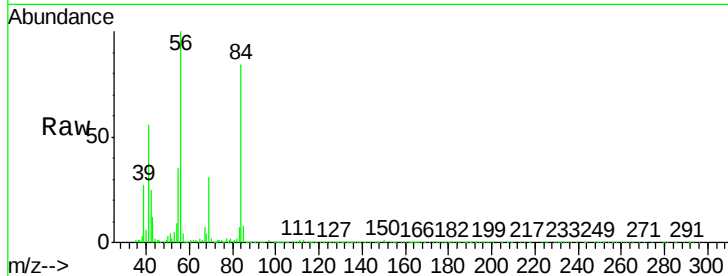
#31
Cyclohexane
Concen: 18.581 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.2	34.8
84	83.2	69.2	103.8

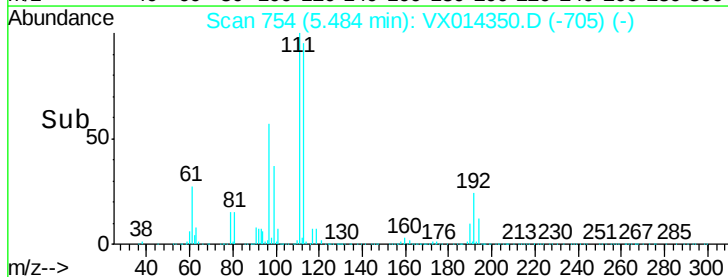
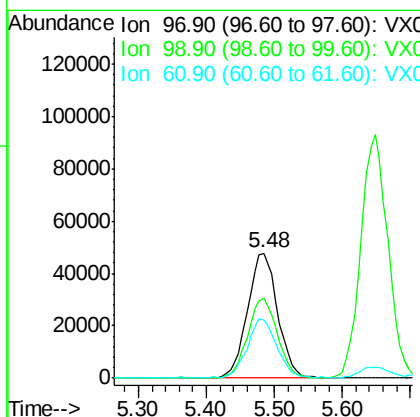
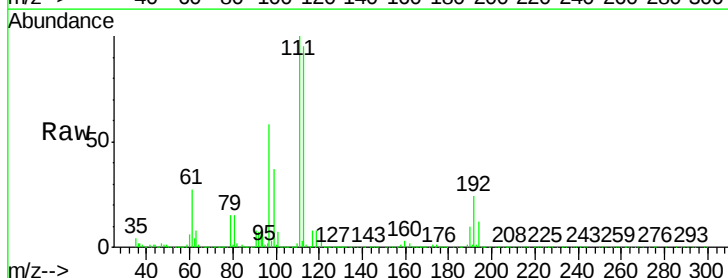
Manual Integrations
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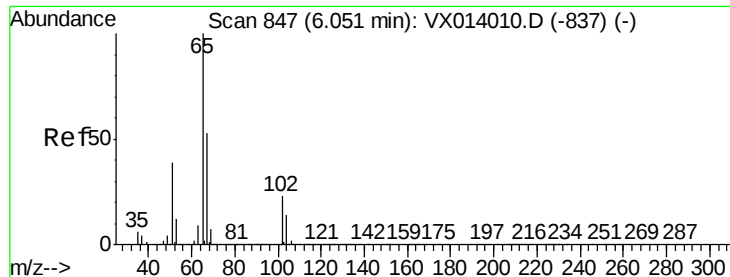
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#32
1,1,1-Trichloroethane
Concen: 18.766 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	52.0	78.0
61	46.9	36.7	55.1





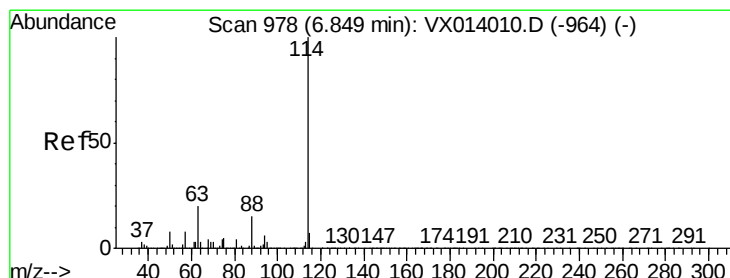
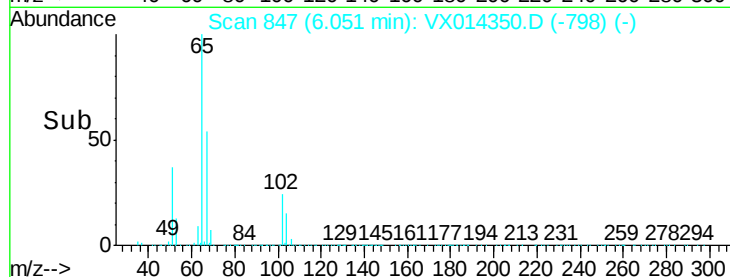
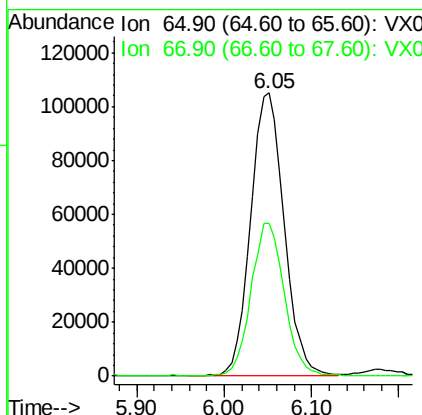
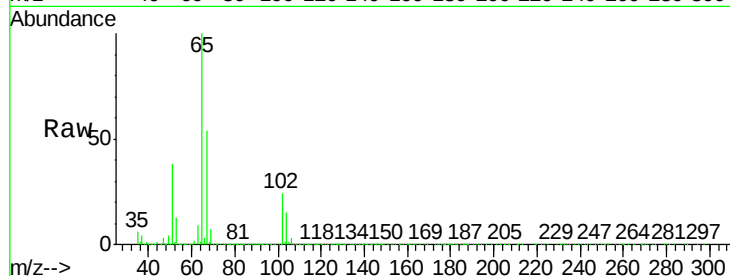
#33
 1,2-Dichloroethane-d4
 Concen: 48.236 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	279521		
67	53.4	0.0	106.4	

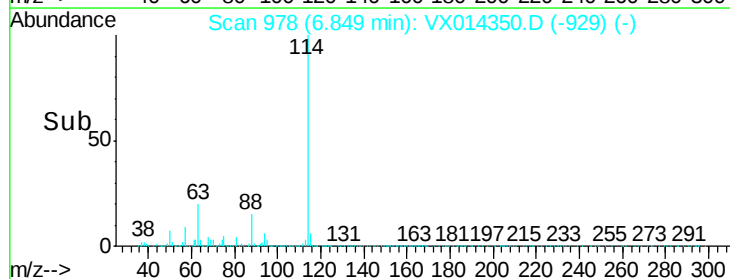
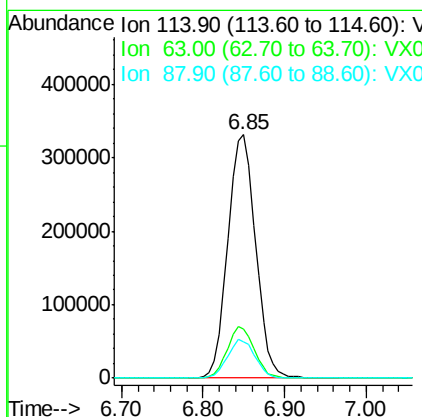
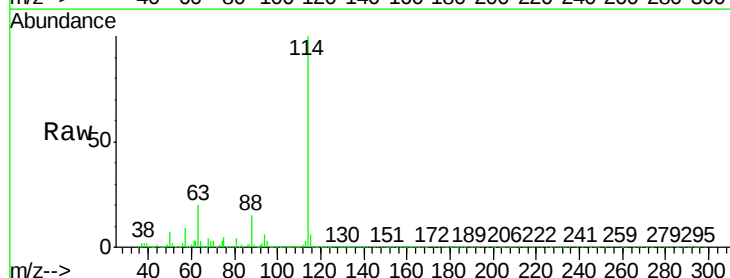
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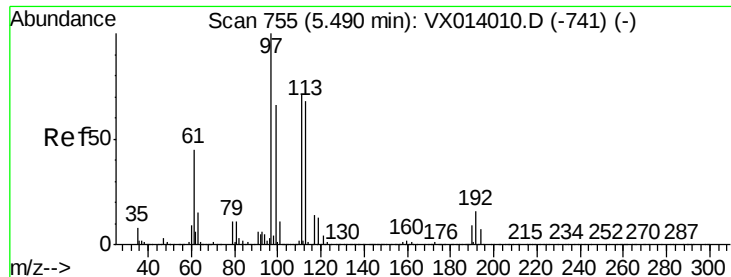
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	778289		
63	20.1	0.0	40.8	
88	15.1	0.0	30.4	





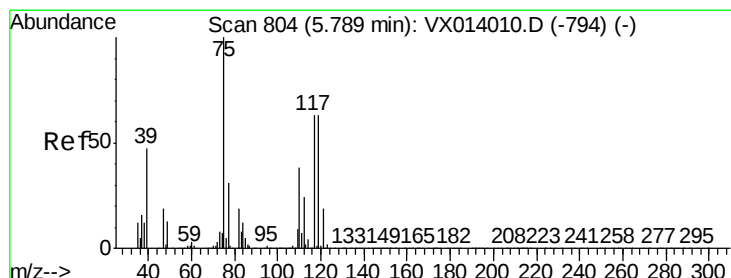
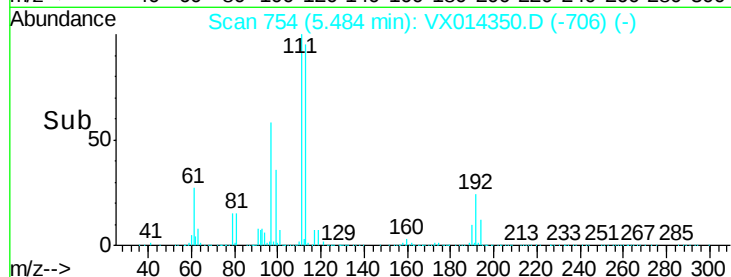
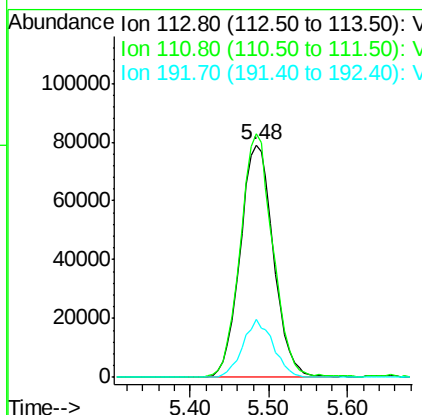
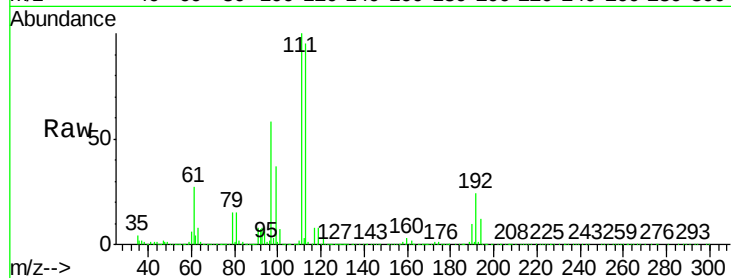
#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231028		
111	102.3	82.0	123.0	
192	22.9	19.3	28.9	

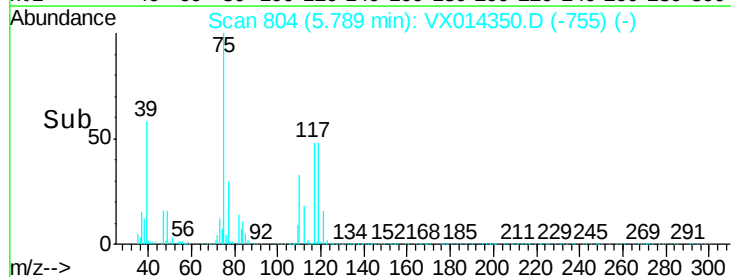
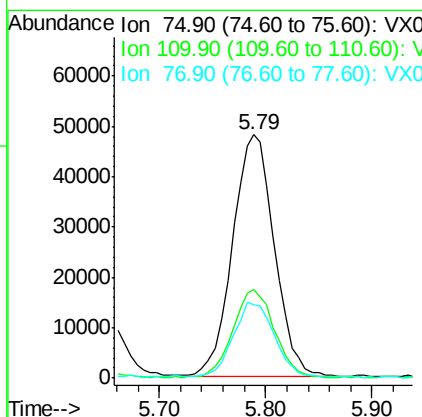
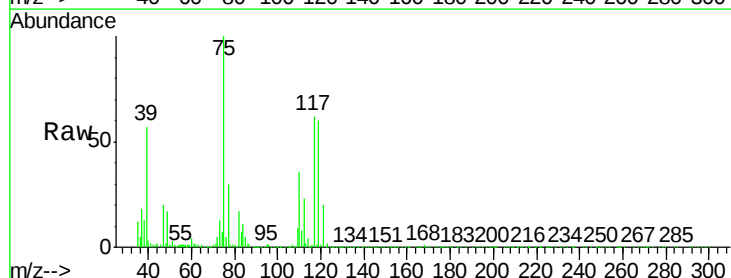
Manual Integrations
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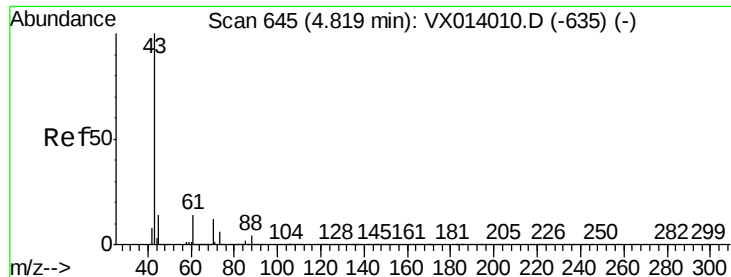
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#36
1,1-Dichloropropene
Concen: 18.443 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131703		
110	36.4	18.3	54.9	
77	30.3	24.8	37.2	





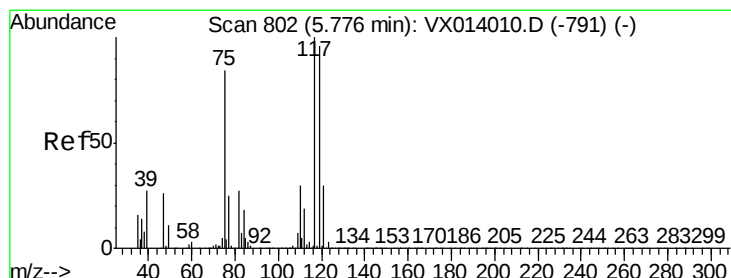
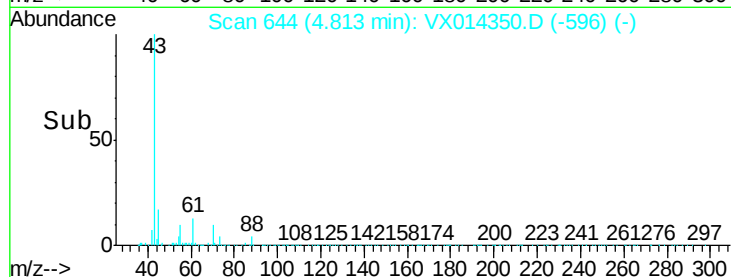
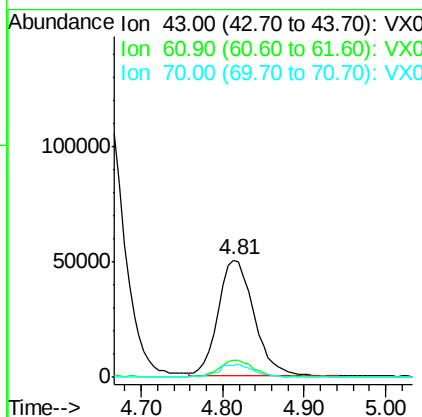
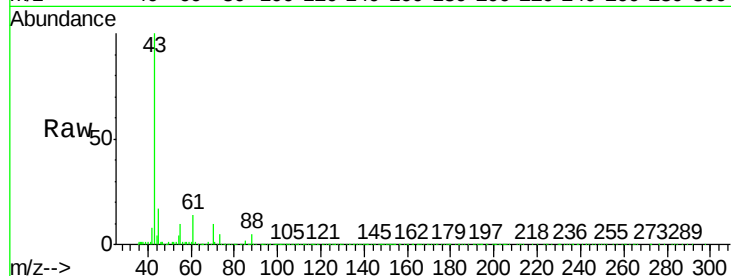
#37
Ethyl Acetate
Concen: 19.574 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.4	8.6	12.8

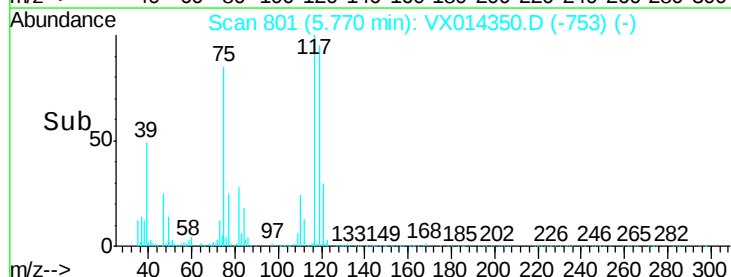
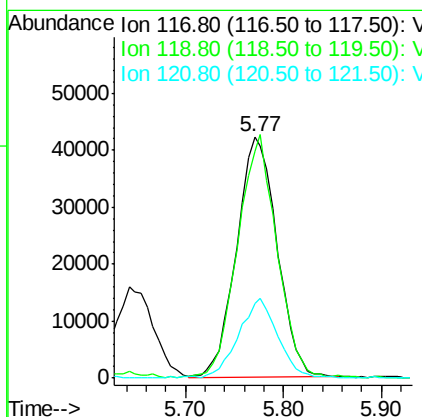
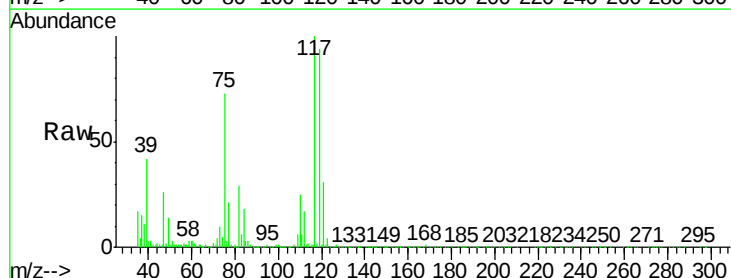
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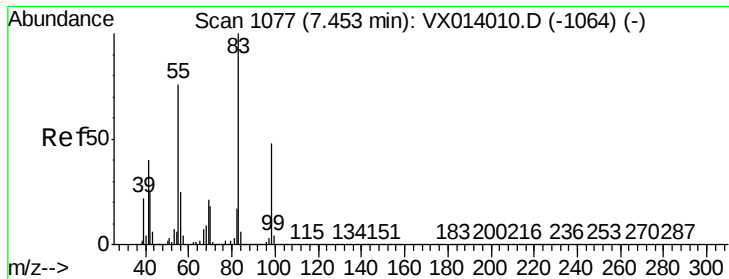
apatel
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#38
Carbon Tetrachloride
Concen: 18.586 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.4
121	30.6	23.6	35.4





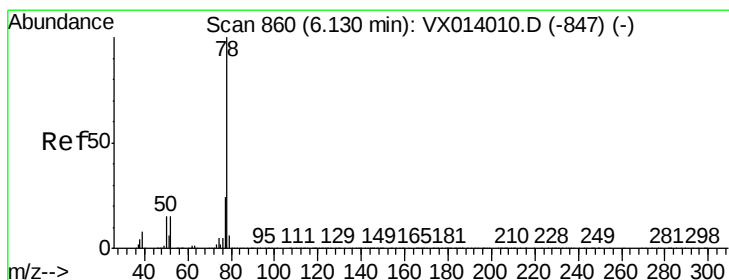
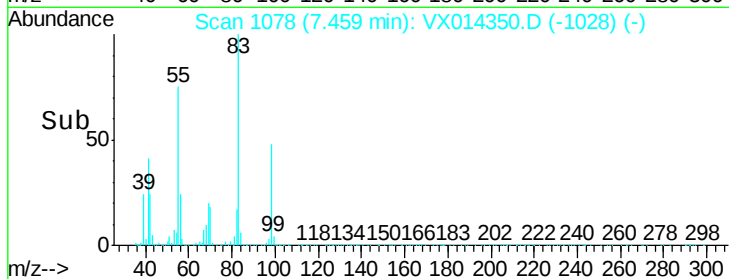
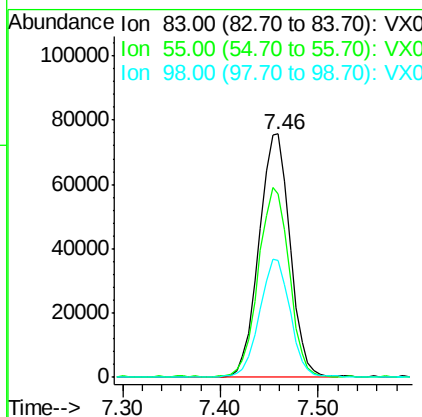
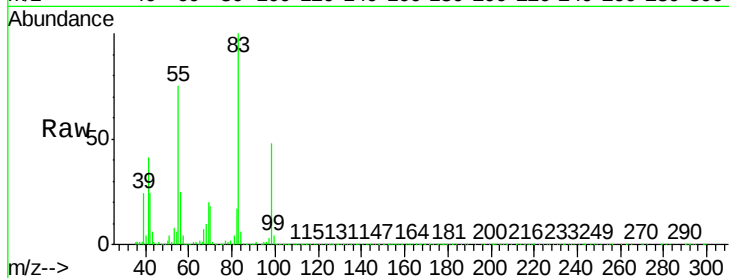
#39
Methvlcvclohexane
Concen: 18.850 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	48.0	38.6	57.8

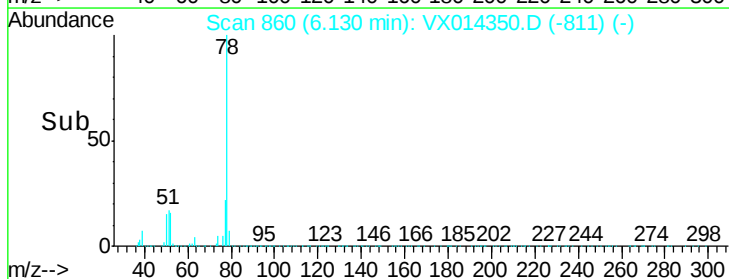
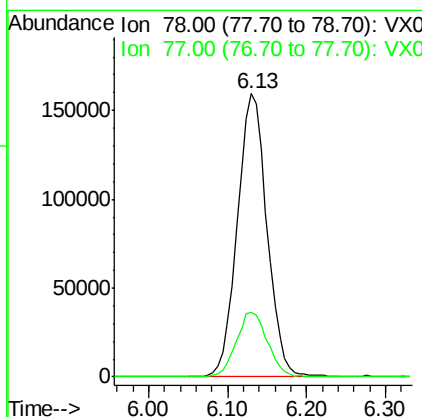
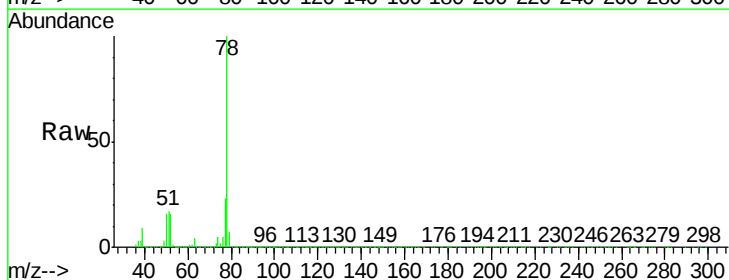
Manual Integrations
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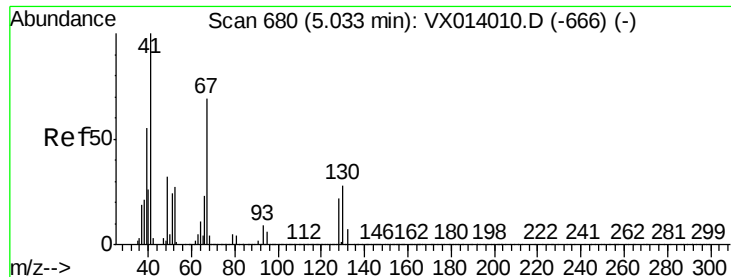
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#40
Benzene
Concen: 18.923 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.8	28.2





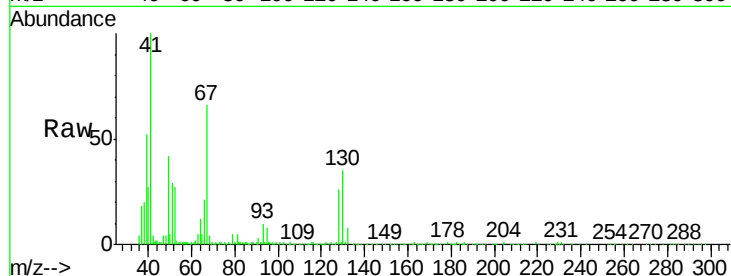
#41
Methacrylonitrile
Concen: 19.773 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

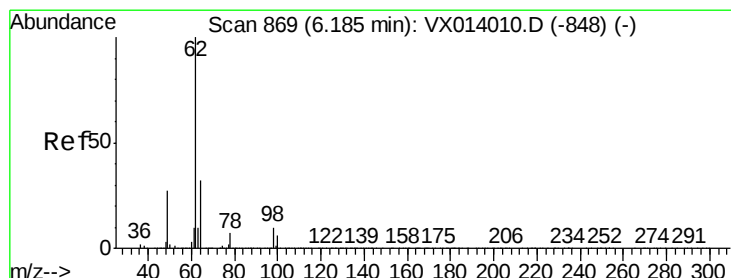
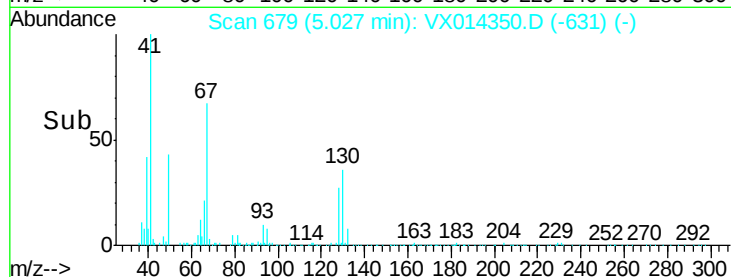
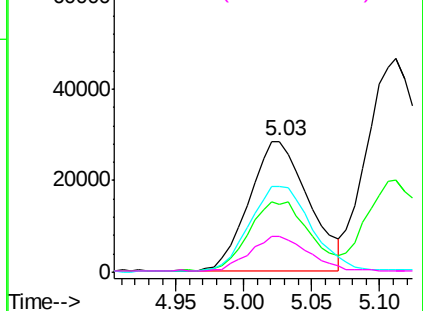
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	69.6	57.4	86.0
52	26.5	23.0	34.4

Manual Integrations
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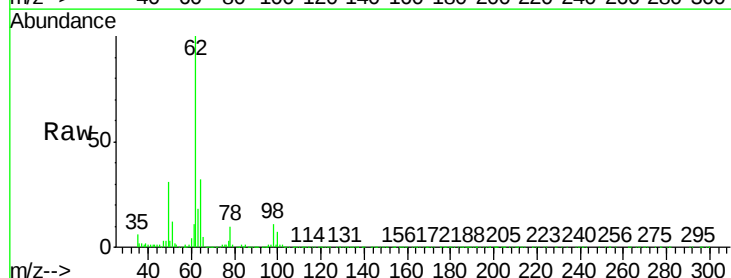


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

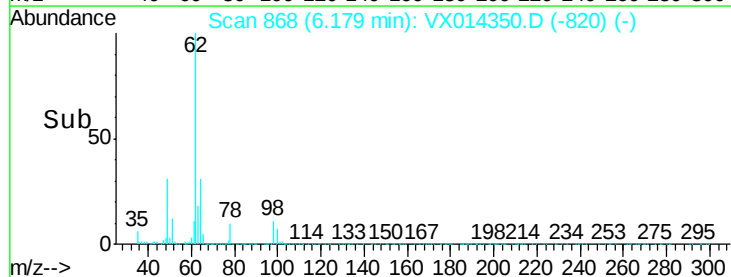
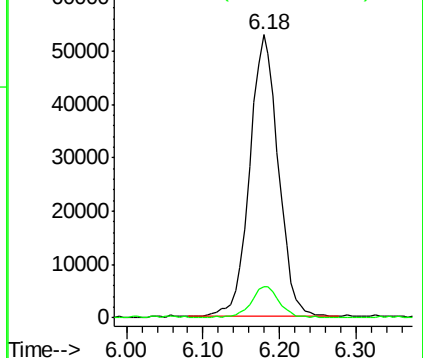


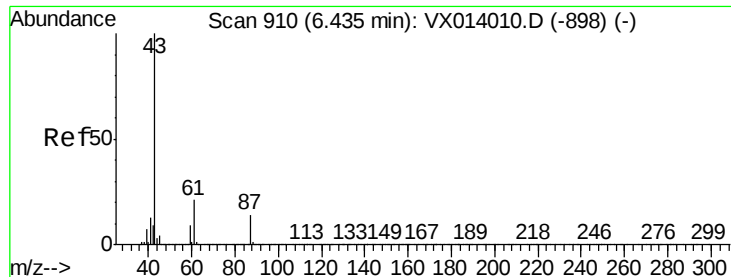
#42
1,2-Dichloroethane
Concen: 18.515 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

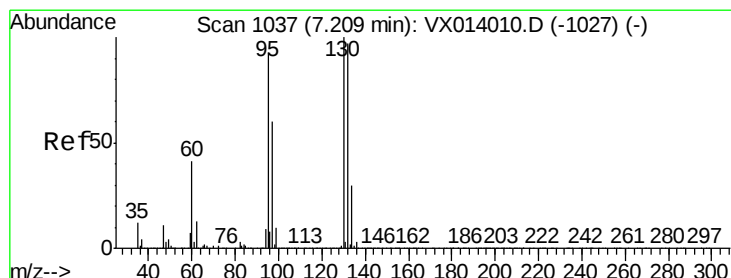
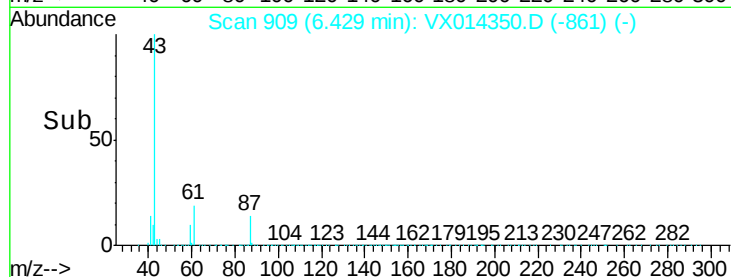
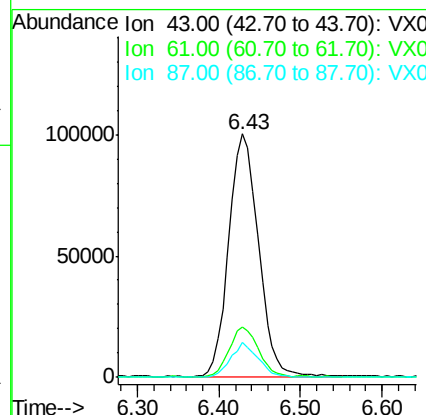
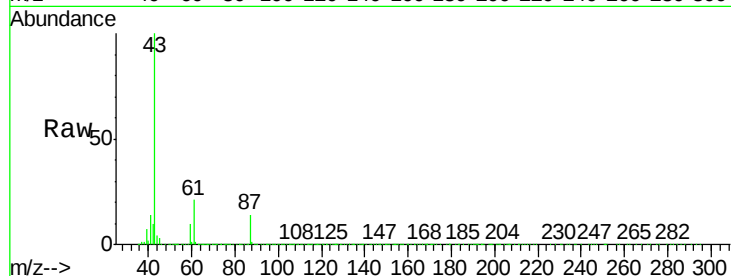
Isopropyl Acetate
 Concen: 19.374 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Tot Ion	43	Resp	252852
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.4	24.6
87	13.1	10.7	16.1

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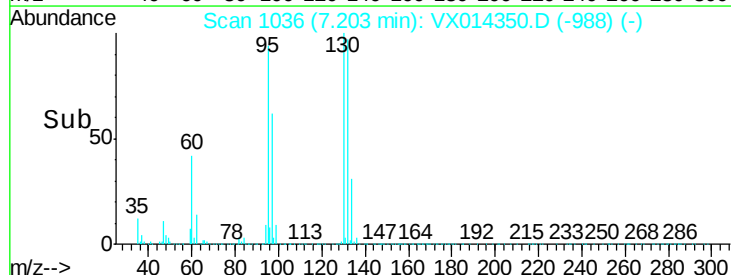
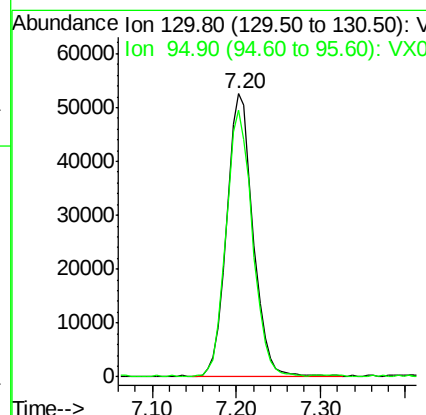
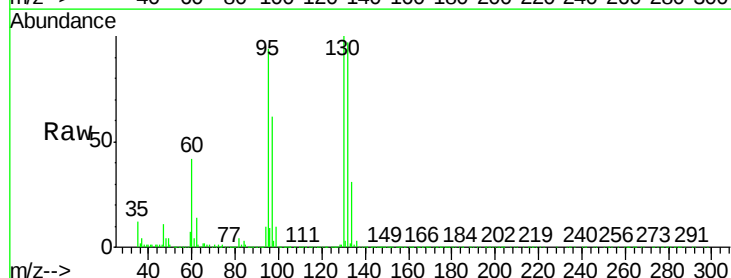
apatel
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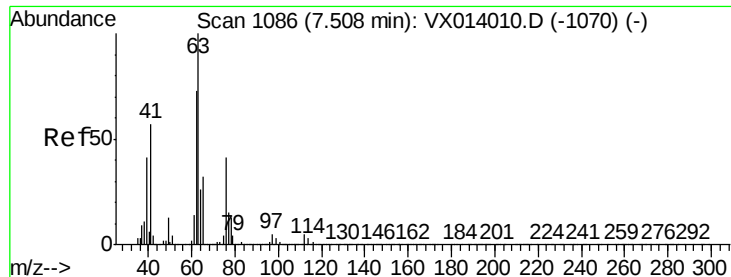


#44

Trichloroethene
 Concen: 18.493 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	130	Resp	112234
Ion Ratio	Lower	Upper	
130	100		
95	94.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.765 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 63 Resp: 111313

Ion Ratio Lower Upper

63 100

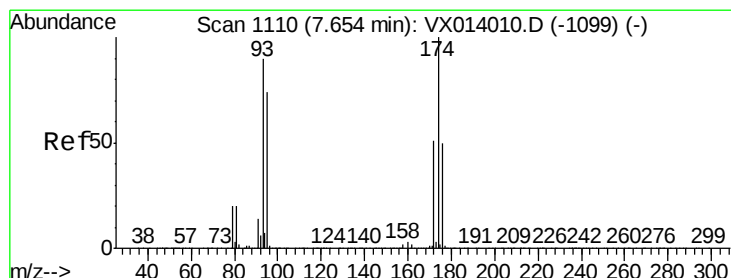
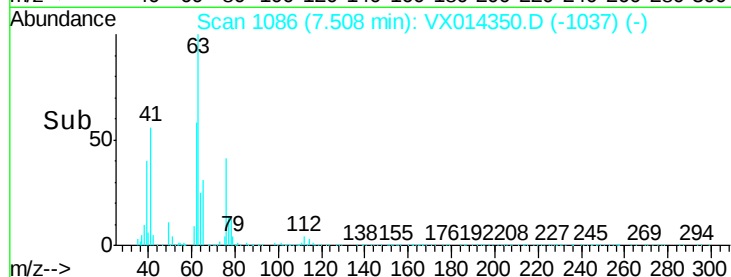
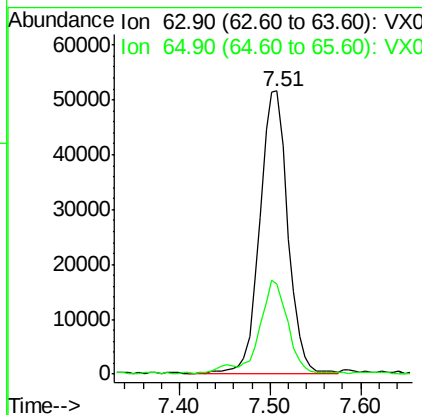
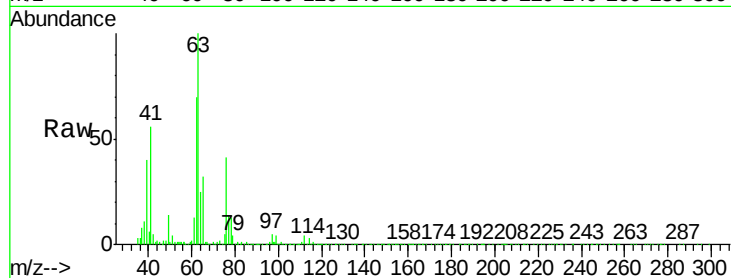
65 31.3 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 18.187 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

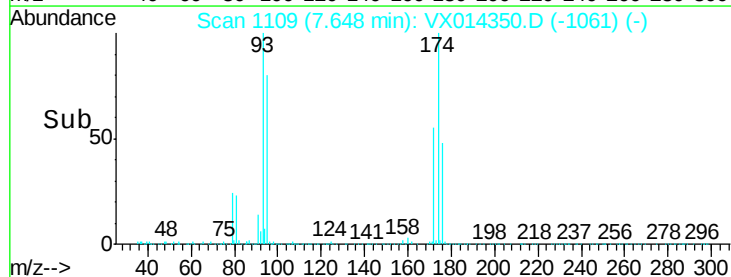
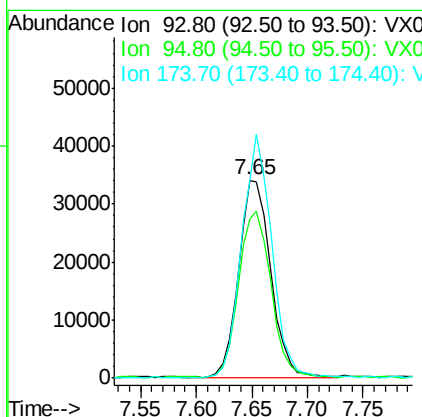
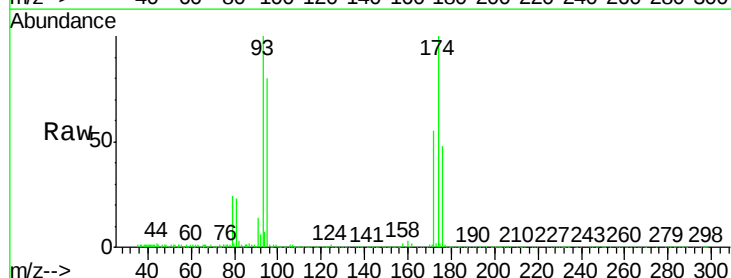
Tgt Ion: 93 Resp: 67720

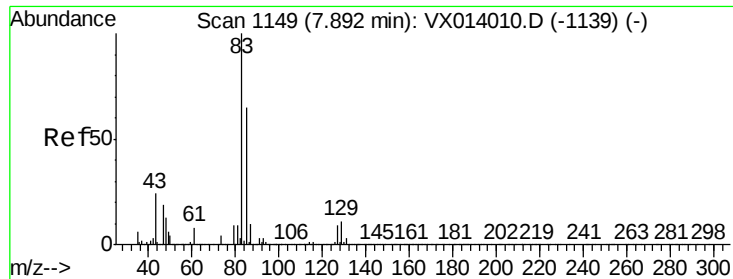
Ion Ratio Lower Upper

93 100

95 84.8 67.3 100.9

174 117.2 91.6 137.4





#47

Bromodichloromethane

Concen: 19.238 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

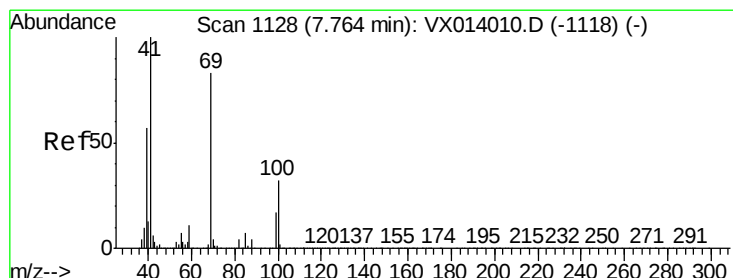
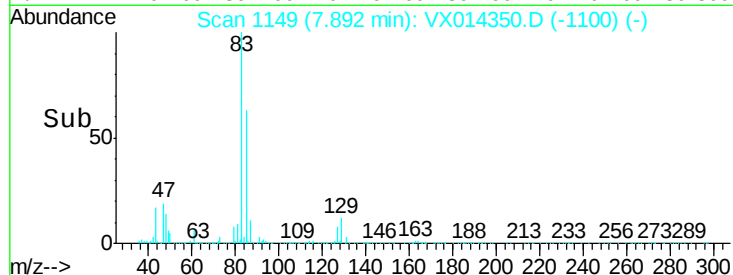
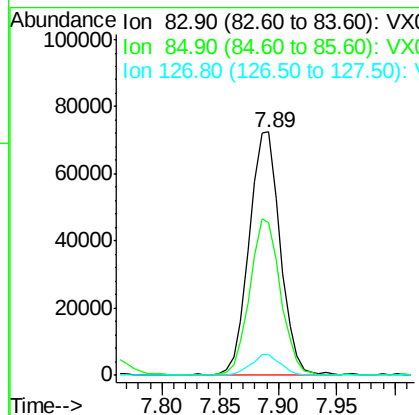
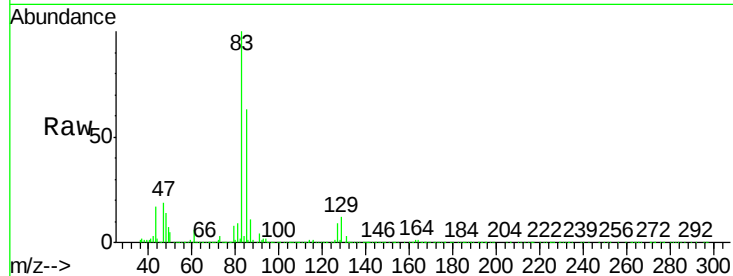
ClientSampleId :

VX1230WBS02

Tot Ion:	83	Resp:	134909
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.8	77.8
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.108 ug/l

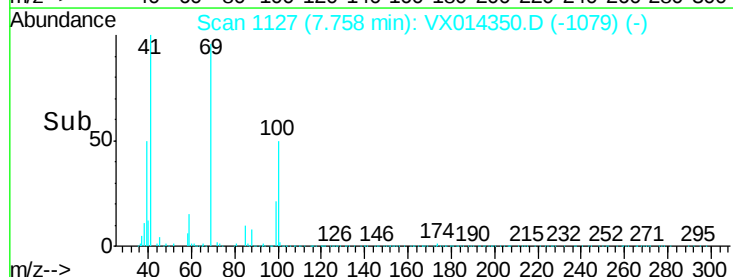
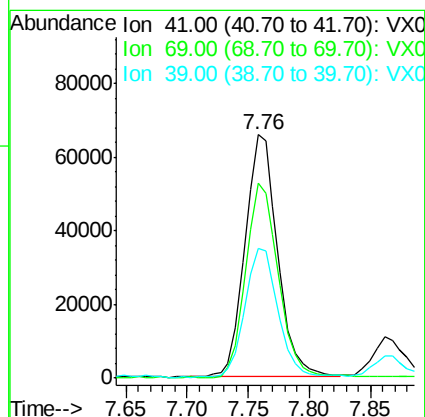
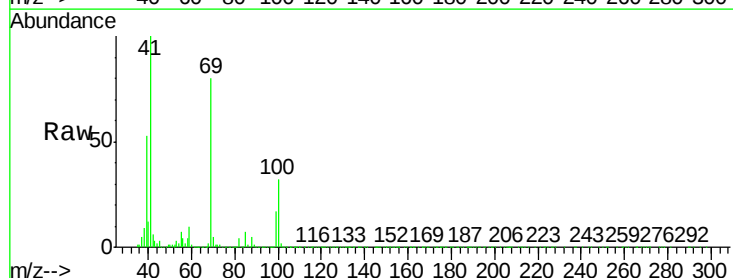
RT: 7.76 min Scan# 1127

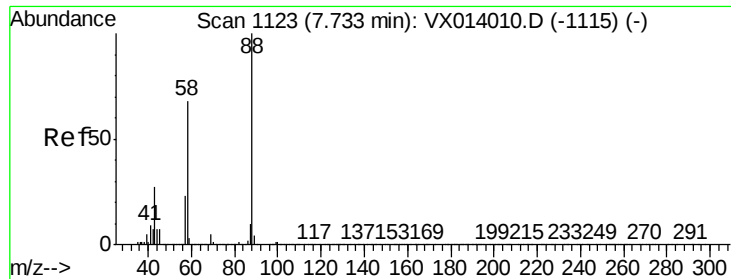
Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	41	Resp:	122115
Ion Ratio	Lower	Upper	
41	100		
69	80.8	65.8	98.6
39	54.3	44.6	67.0





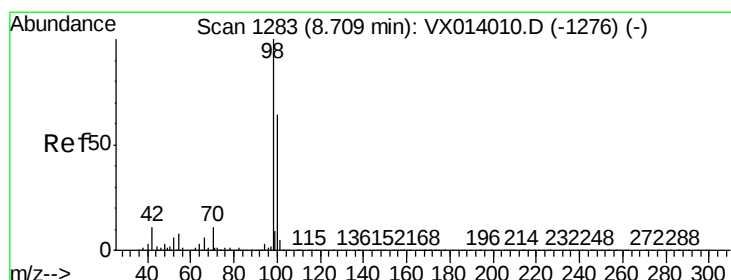
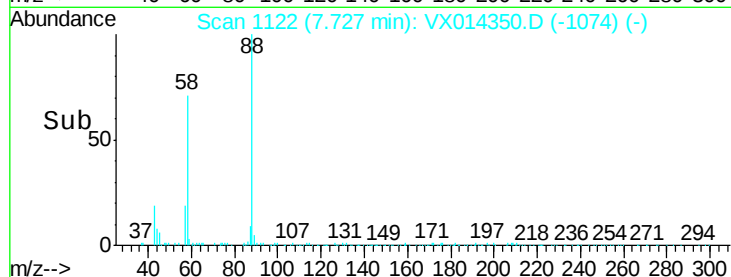
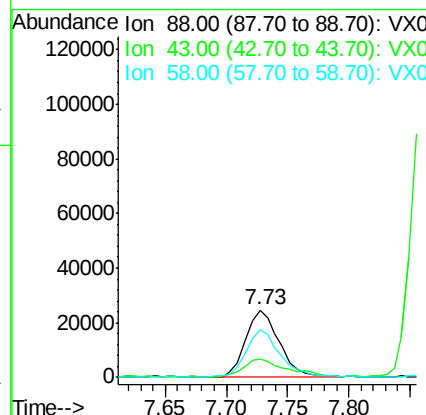
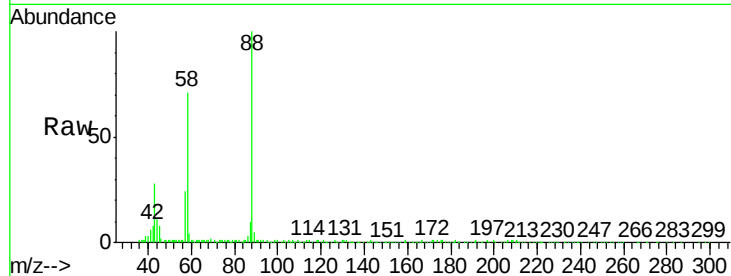
#49
1,4-Dioxane
Concen: 358.113 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.5	39.7
58	75.1	56.8	85.2

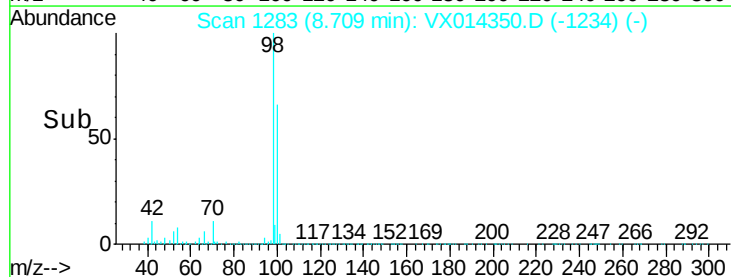
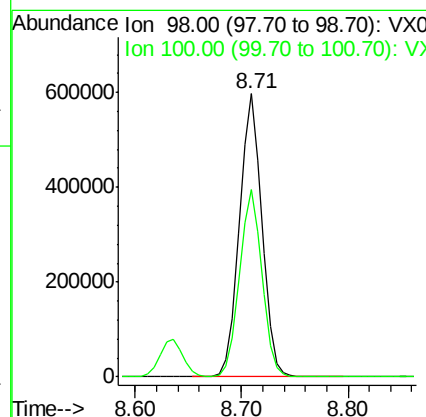
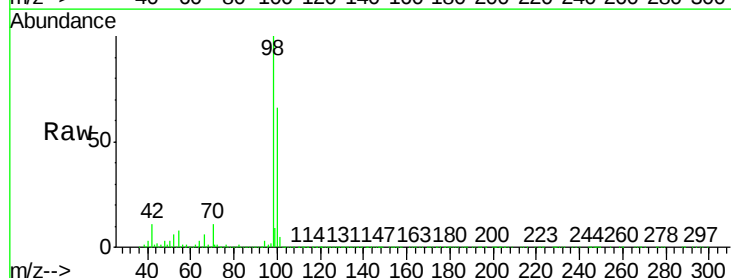
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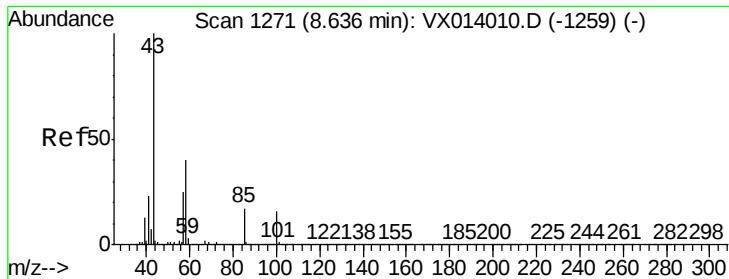
apatel
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#50
Toluene-d8
Concen: 48.094 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3





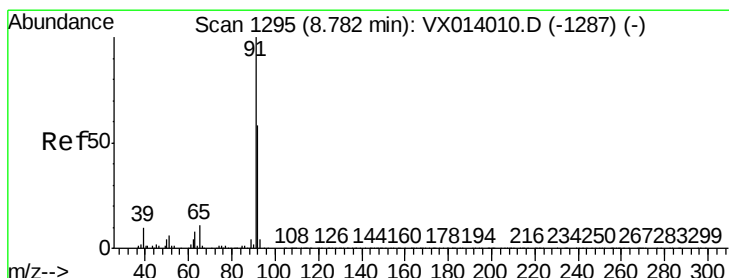
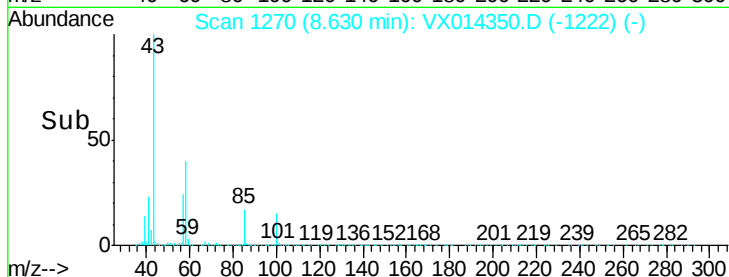
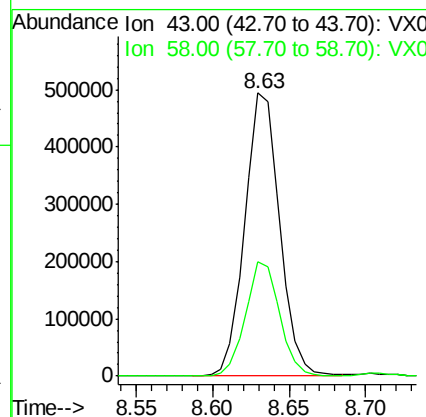
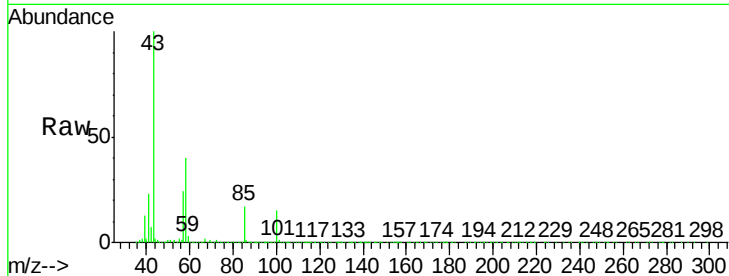
#51
4-Methyl-2-Pentanone
Concen: 95.227 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	32.2	48.2

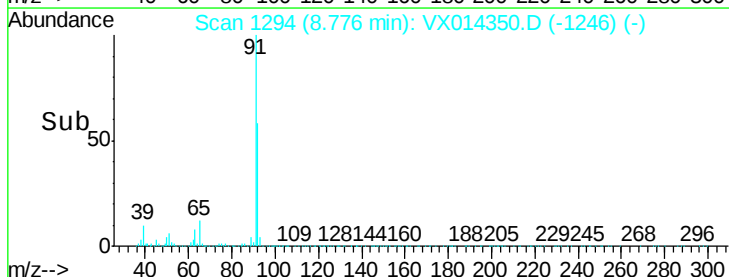
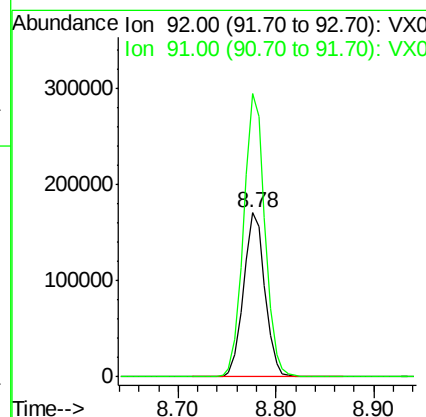
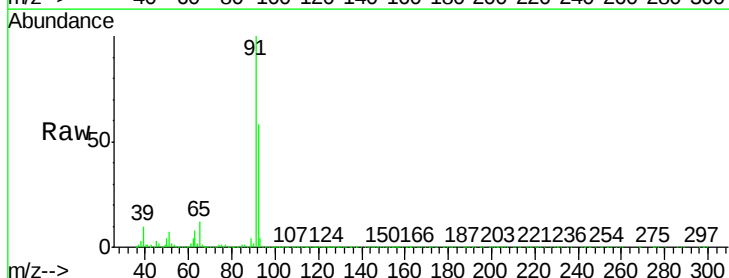
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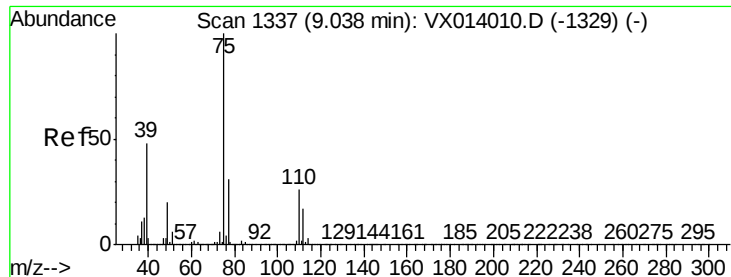
apatel
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#52
Toluene
Concen: 18.582 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	136.2	204.4





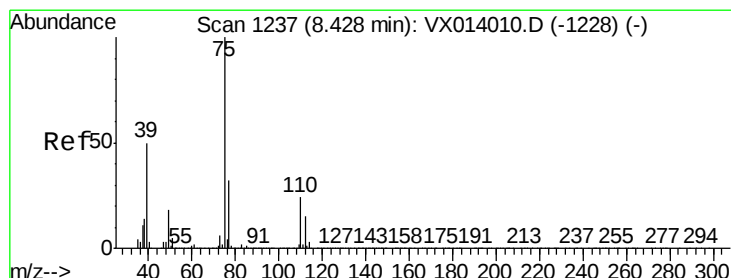
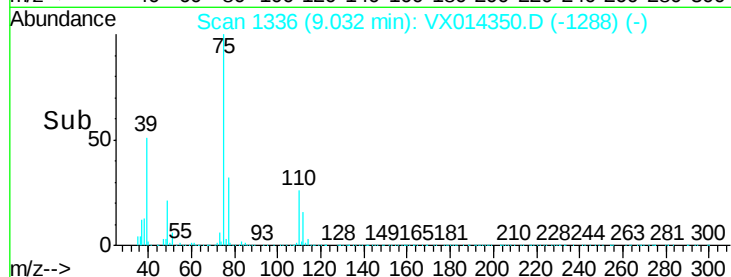
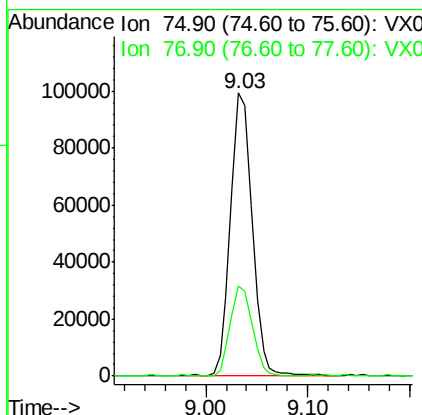
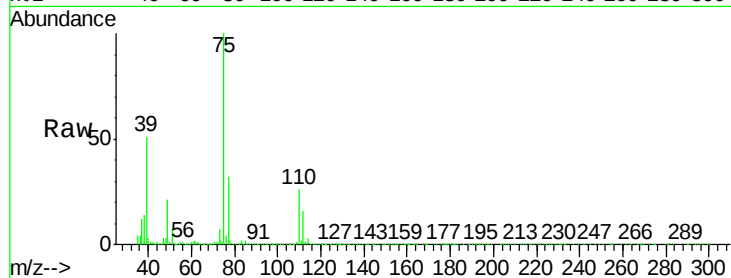
#53
t-1,3-Dichloropropene
Concen: 19.045 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion: 75 Resp: 146441
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

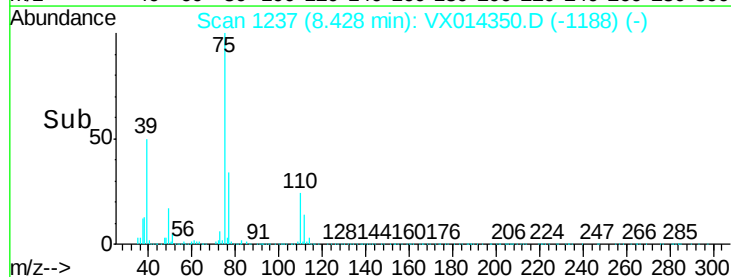
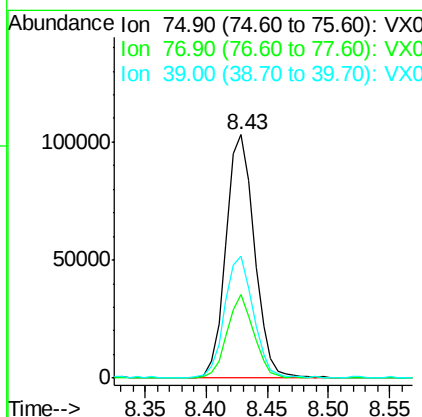
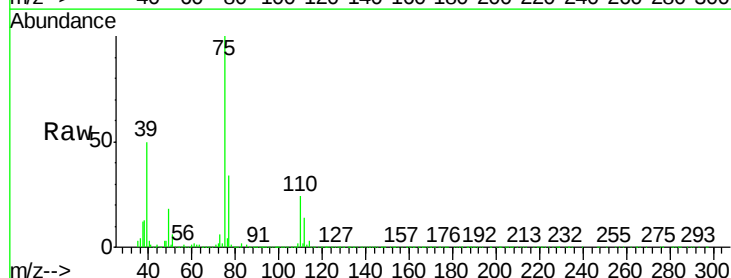
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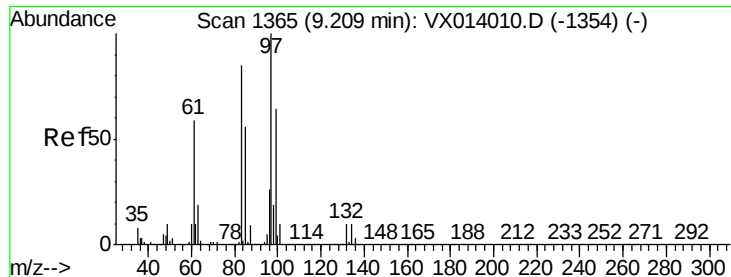
apatel
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#54
cis-1,3-Dichloropropene
Concen: 19.342 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 75 Resp: 165691
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
39 50.0 39.9 59.9





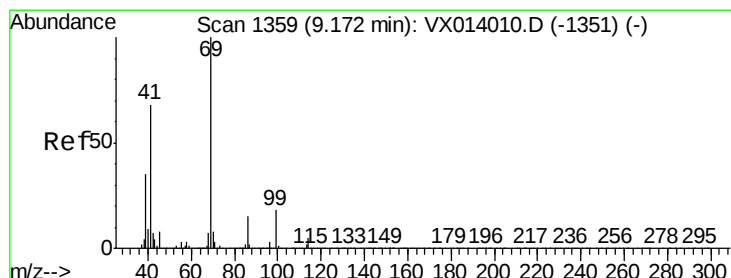
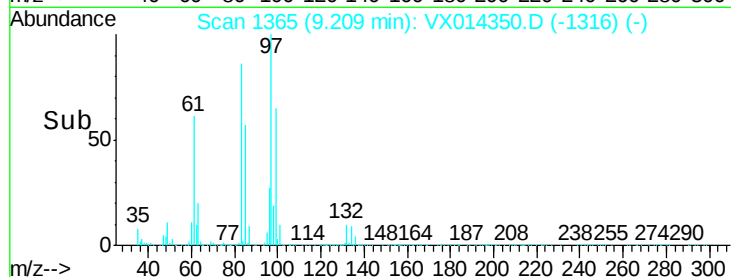
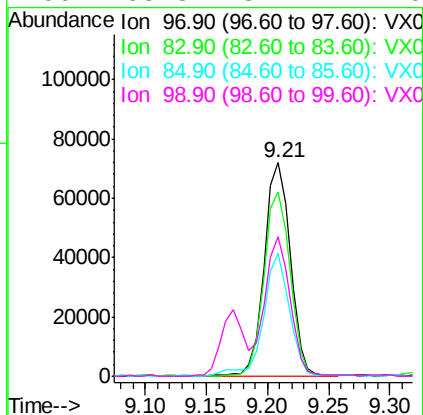
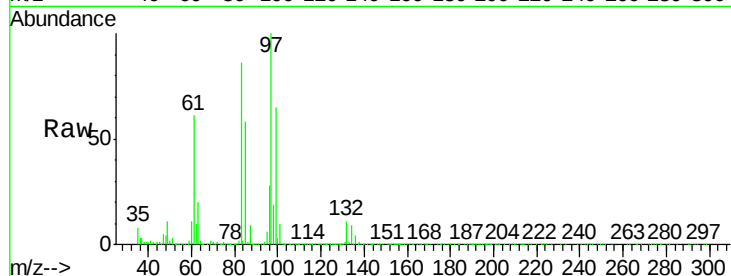
#55
 1,1,2-Trichloroethane
 Concen: 19.349 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107705		
83	85.9	68.2	102.4		
85	57.2	44.6	66.8		
99	65.3	51.4	77.0		

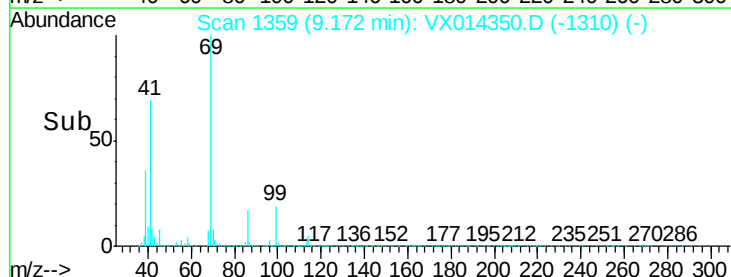
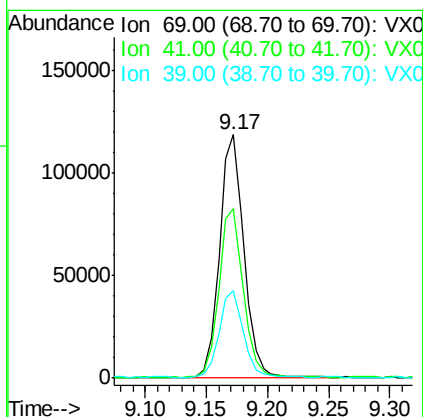
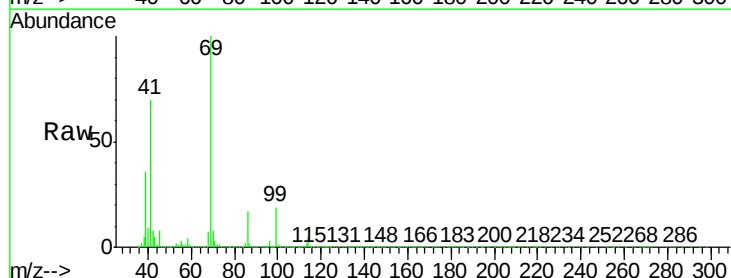
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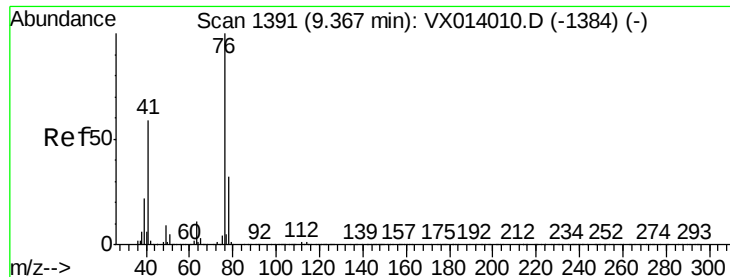
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#56
 Ethyl methacrylate
 Concen: 18.737 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		163827		
41	70.1	54.8	82.2		
39	36.0	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.443 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 76 Resp: 182086

Ion Ratio Lower Upper

76 100

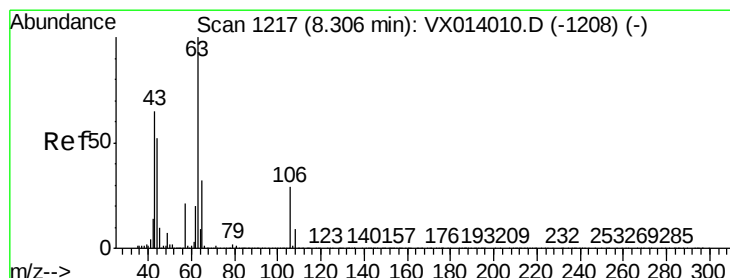
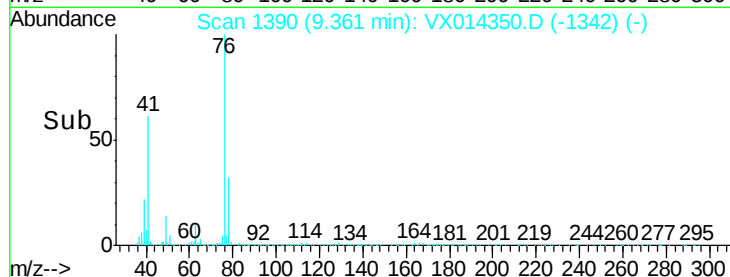
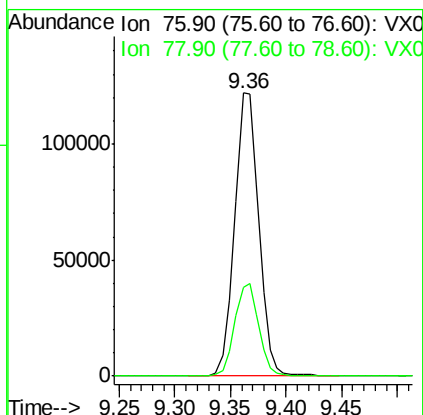
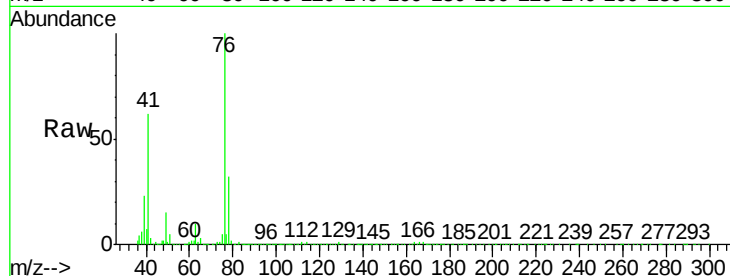
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 107.965 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014350.D

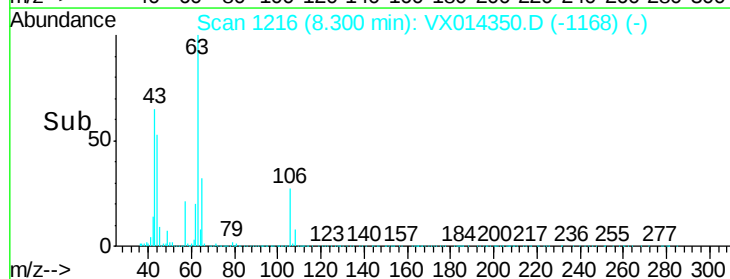
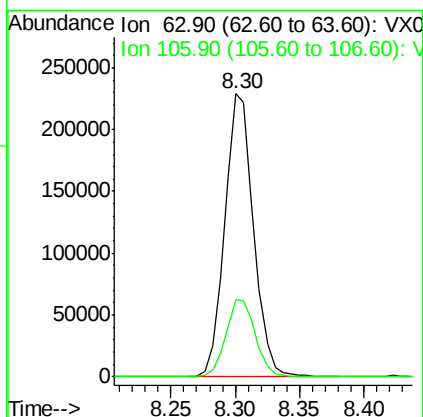
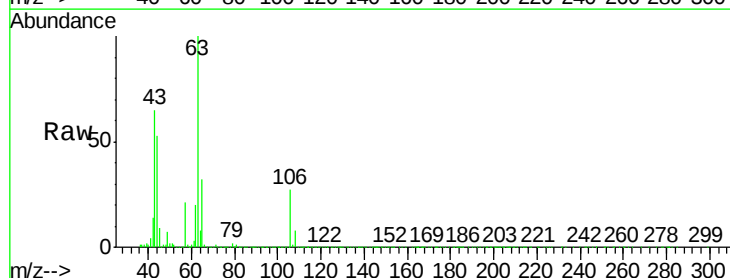
Acq: 30 Dec 2019 13:37

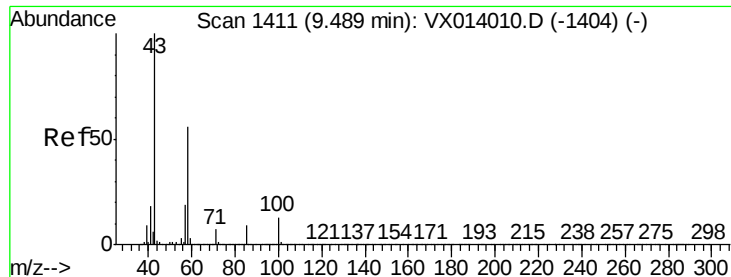
Tgt Ion: 63 Resp: 357250

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





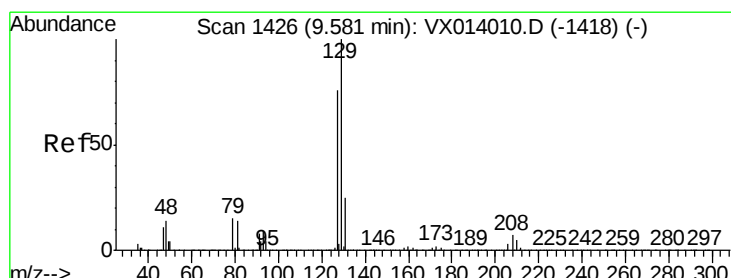
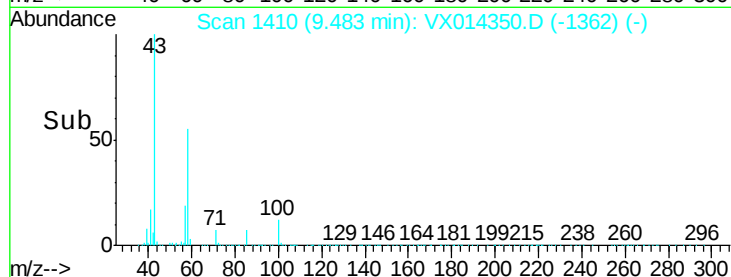
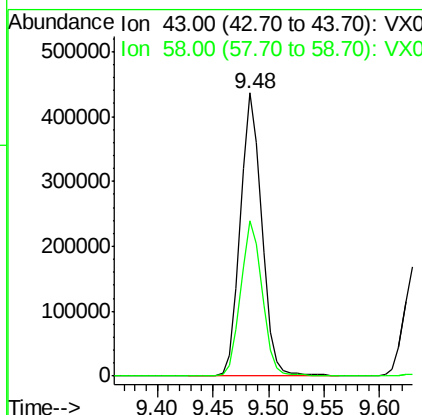
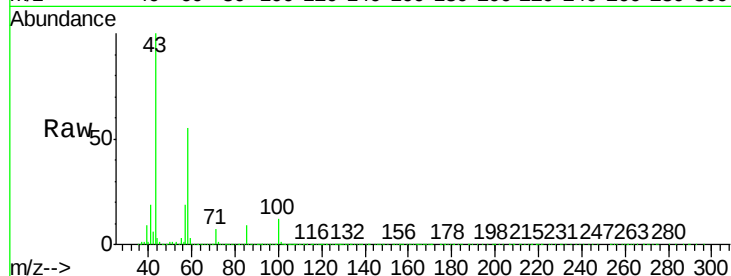
#59
2-Hexanone
Concen: 88.210 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion: 43 Resp: 582002
Ion Ratio Lower Upper
43 100
58 55.2 28.0 84.0

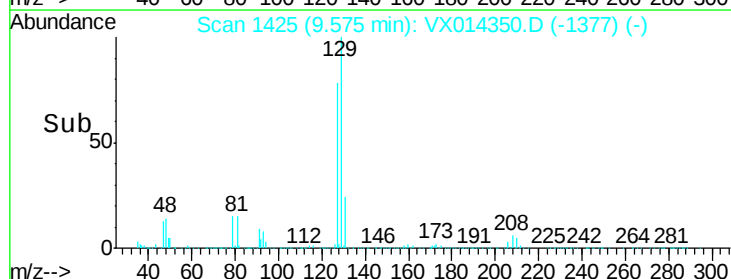
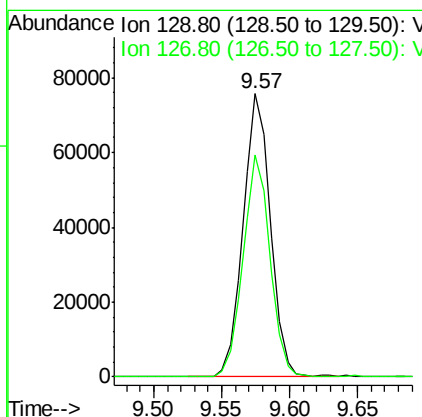
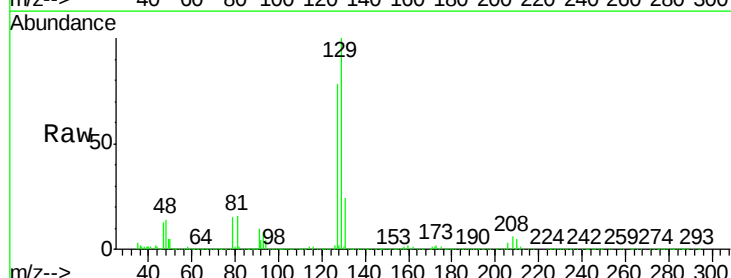
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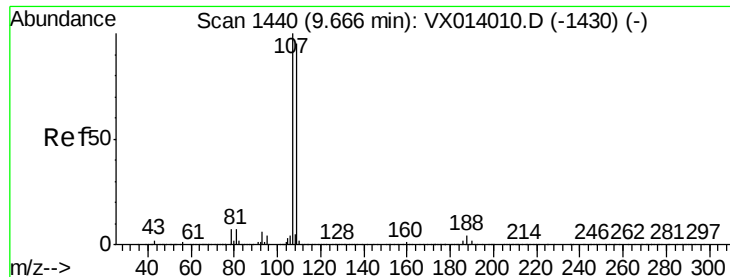
apatel
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#60
Dibromochloromethane
Concen: 19.117 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 129 Resp: 105772
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.388 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 107 Resp: 110421

Ion Ratio Lower Upper

107 100

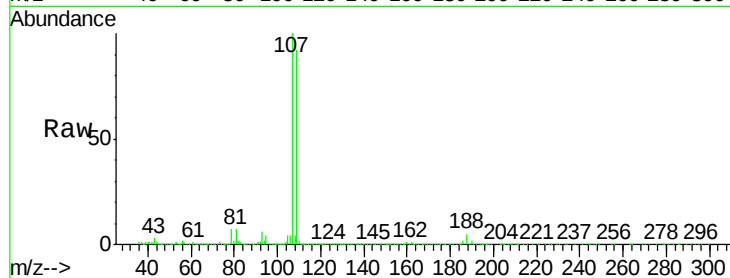
109 93.4 75.7 113.5

Manual Integrations

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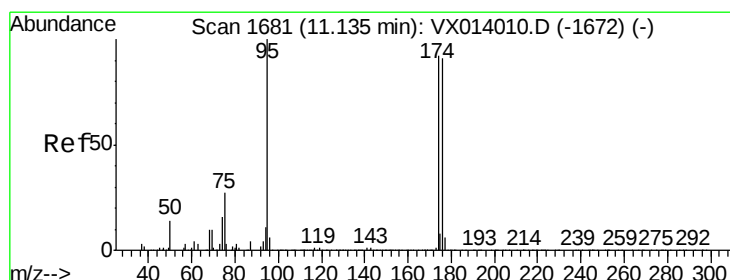
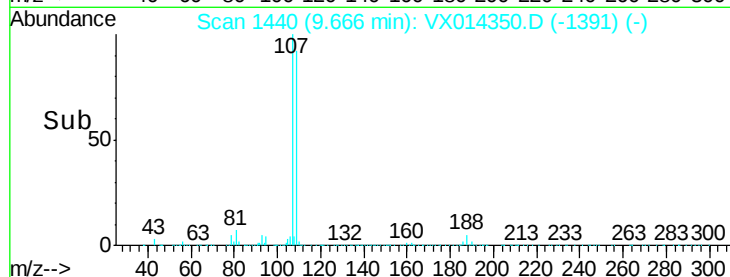
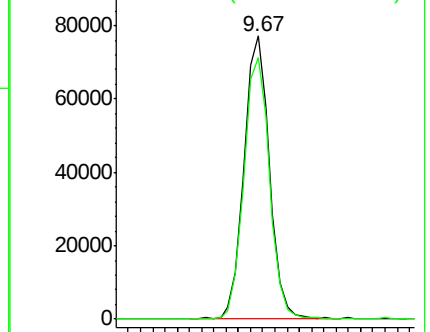
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

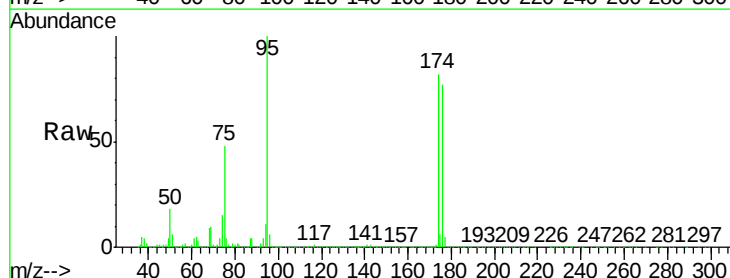
Tgt Ion: 95 Resp: 320341

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.8

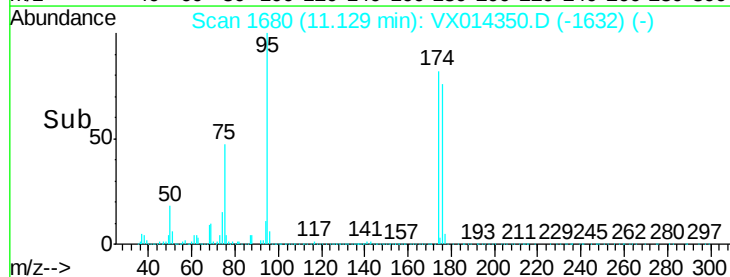
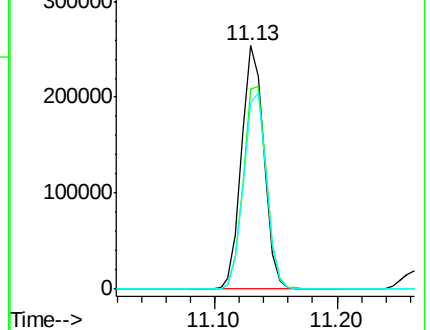
176 83.0 0.0 173.0

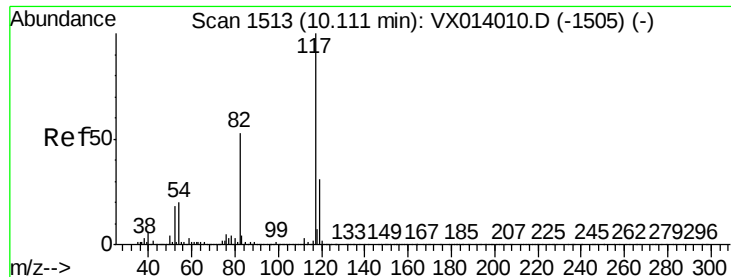


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





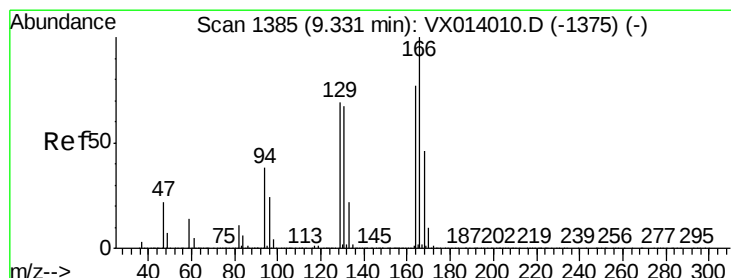
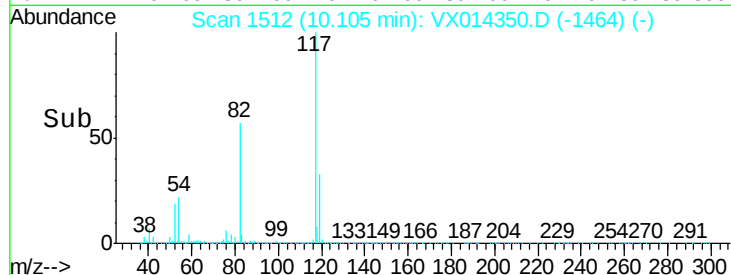
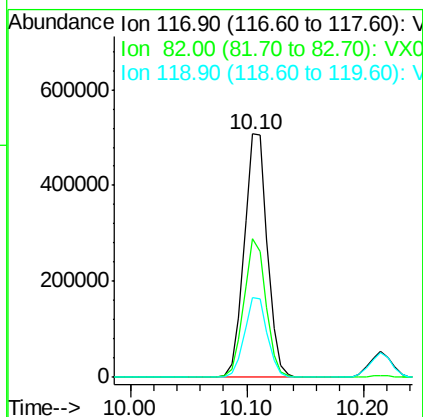
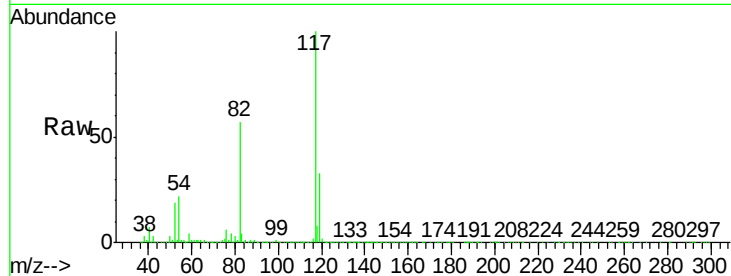
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	42.2	63.4
119	32.5	25.1	37.7

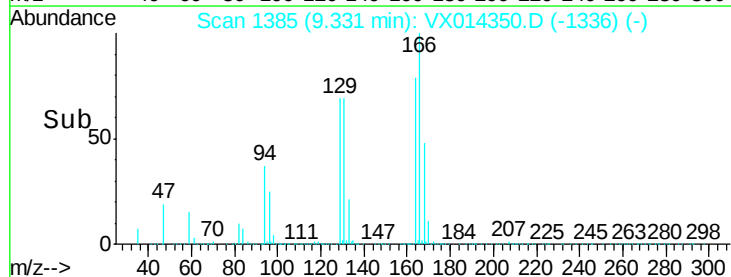
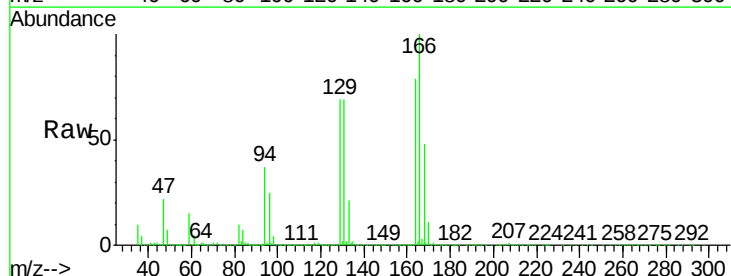
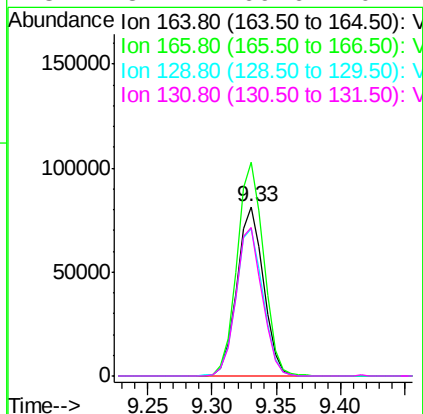
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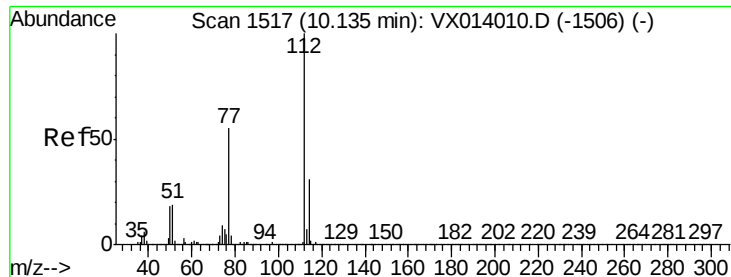
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#64
Tetrachloroethene
Concen: 18.643 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	104.0	156.0
129	86.7	72.2	108.4
131	87.4	69.6	104.4





#65

Chlorobenzene

Concen: 18.707 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion:112 Resp: 279662

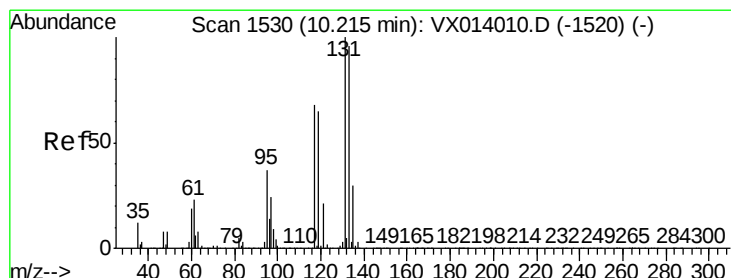
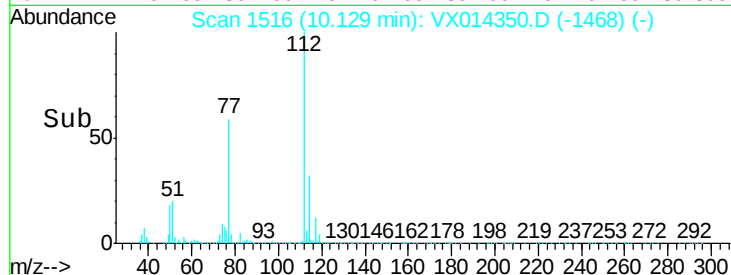
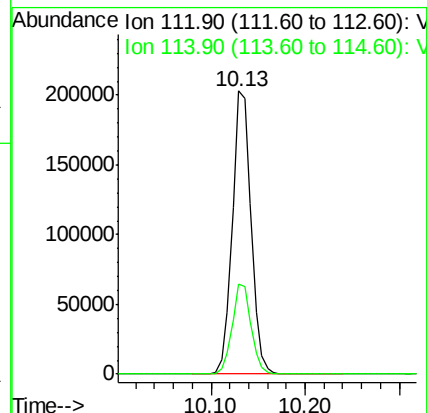
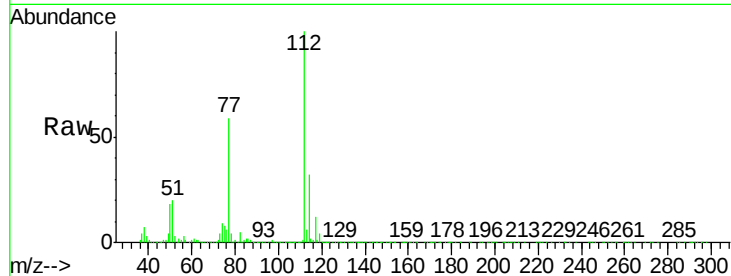
Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.244 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

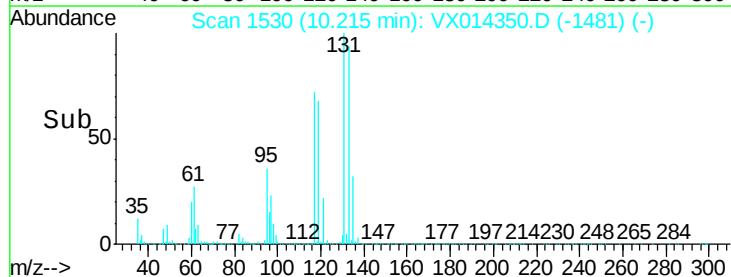
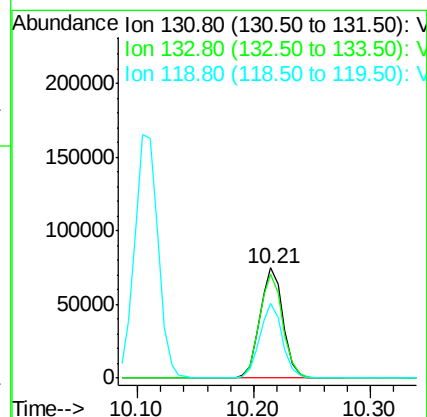
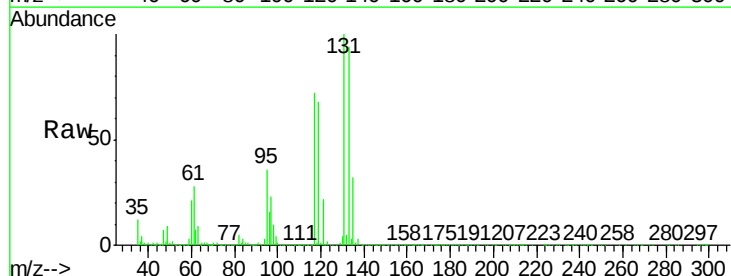
Tgt Ion:131 Resp: 102723

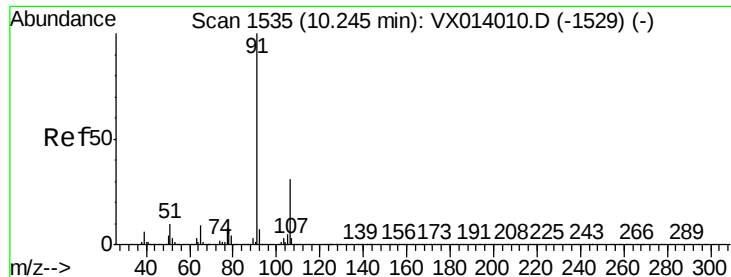
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.2 33.4 100.2





#67

Ethyl Benzene

Concen: 18.892 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 91 Resp: 485570

Ion Ratio Lower Upper

91 100

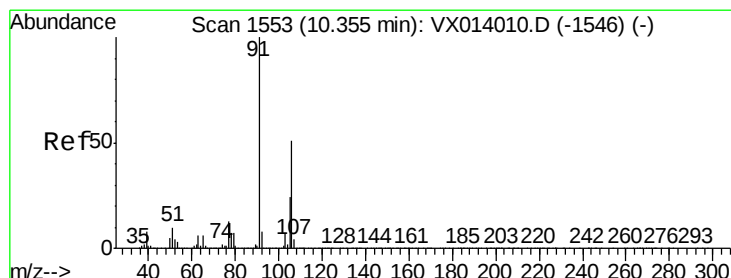
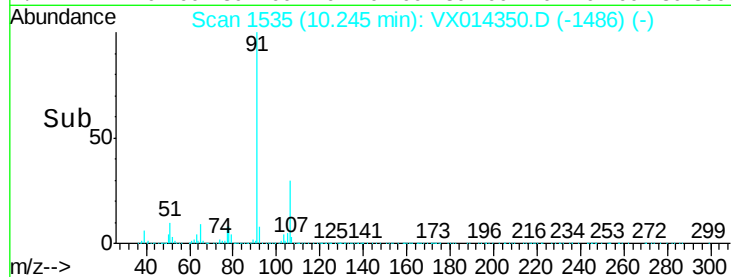
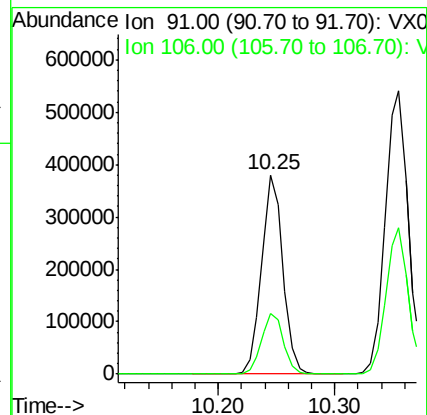
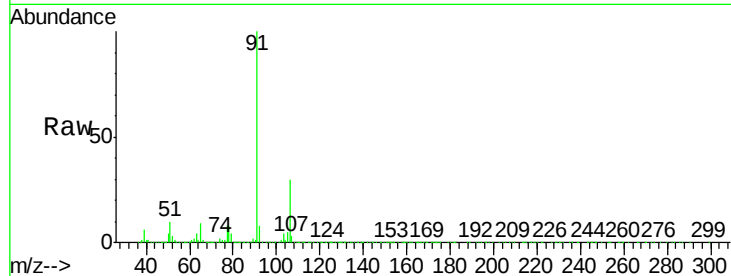
106 30.4 25.0 37.6

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#68

m/p-Xylenes

Concen: 37.623 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014350.D

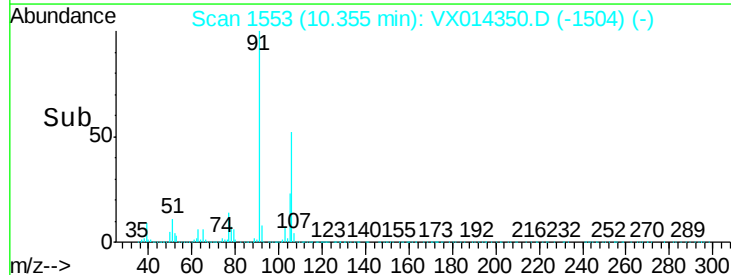
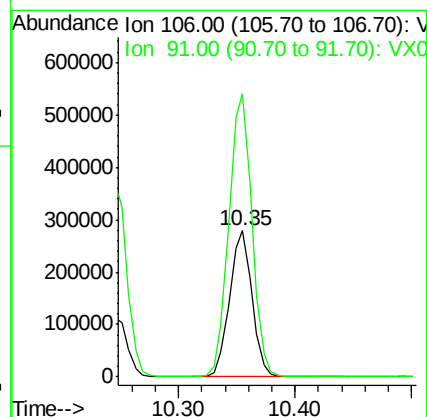
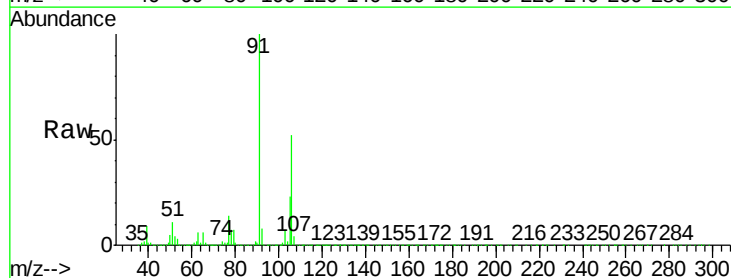
Acq: 30 Dec 2019 13:37

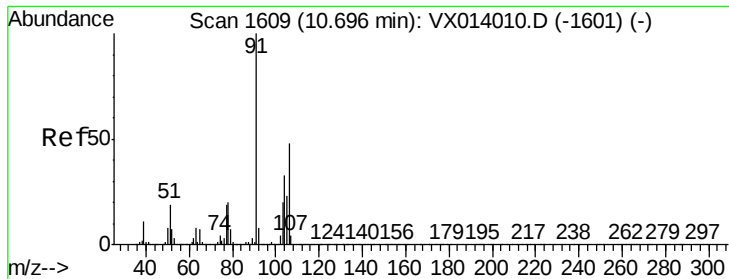
Tgt Ion: 106 Resp: 371924

Ion Ratio Lower Upper

106 100

91 199.0 158.6 238.0





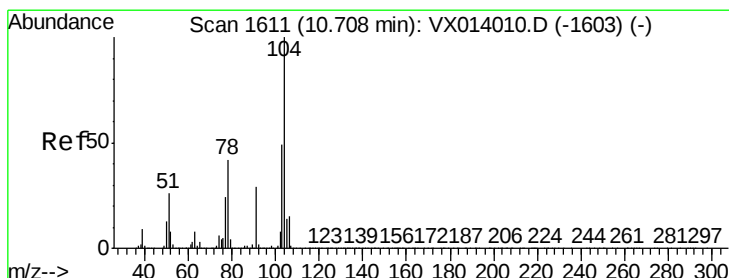
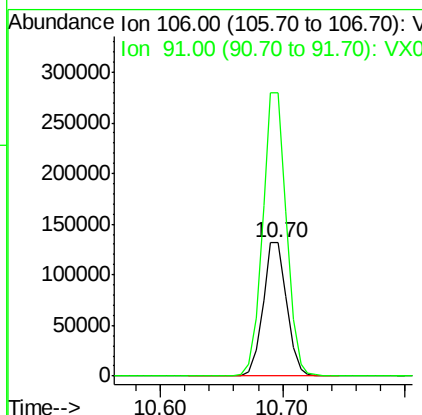
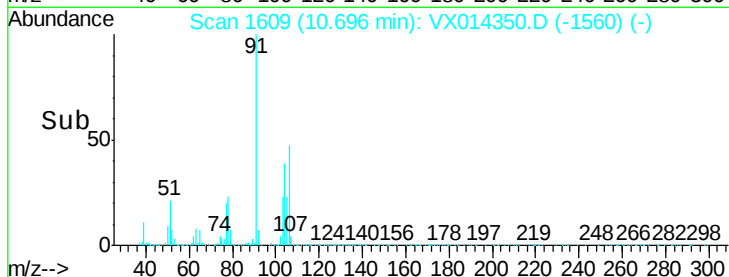
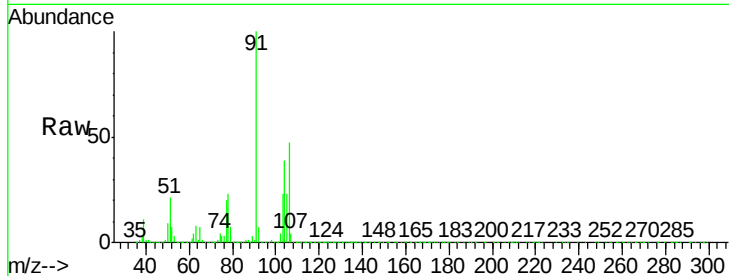
#69
o-Xylene
Concen: 18.342 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion:106 Resp: 177833
Ion Ratio Lower Upper
106 100
91 212.4 104.2 312.6

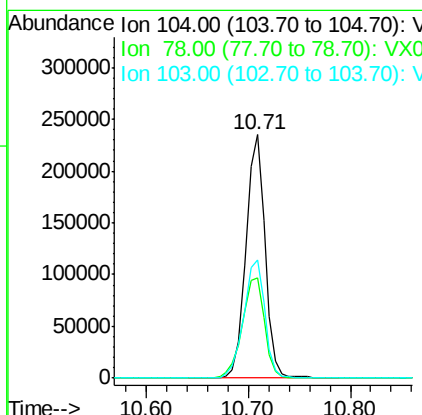
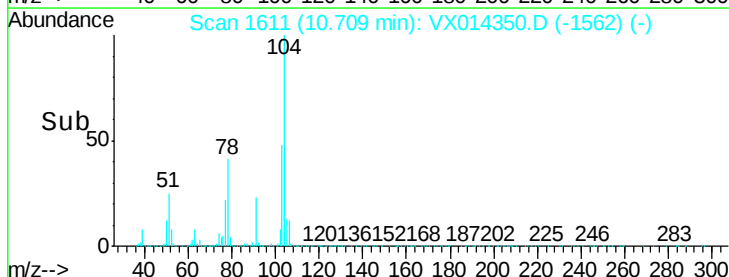
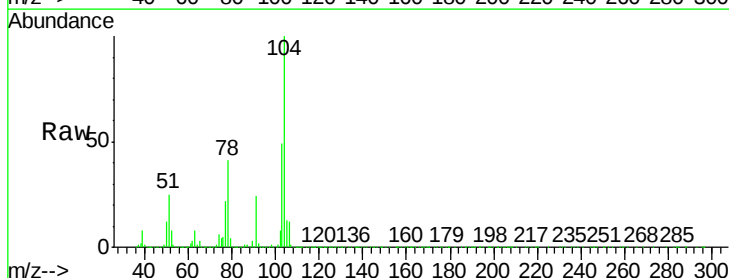
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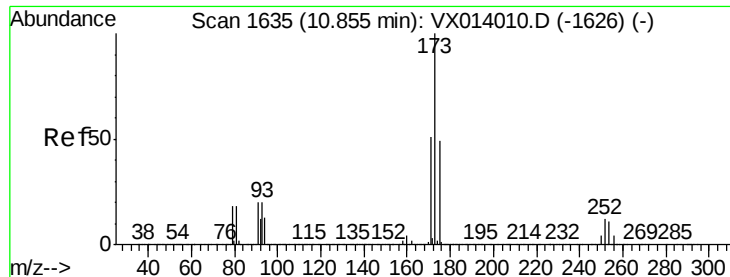
apatel
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#70
Styrene
Concen: 18.611 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion:104 Resp: 305113
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 18.195 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion:173 Resp: 78069

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.4

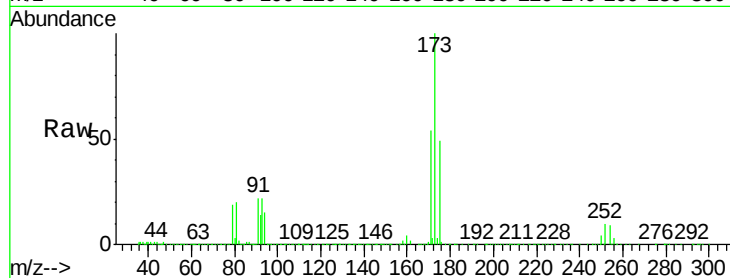
254 0.2 0.2 0.2

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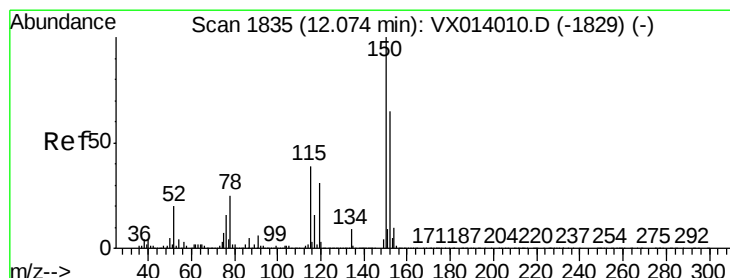
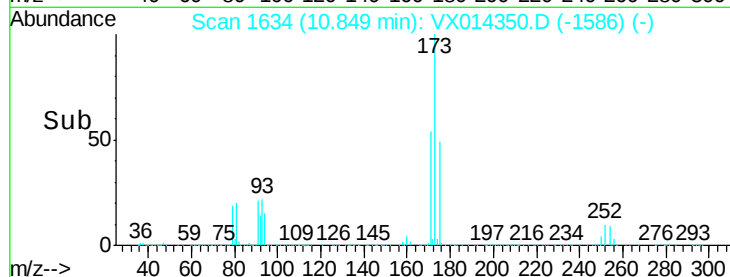
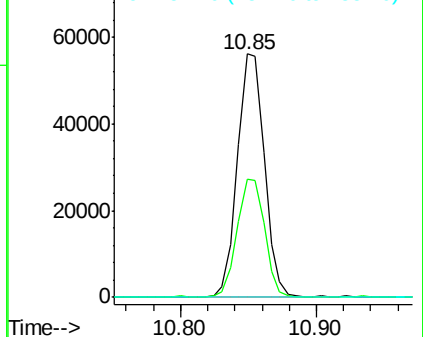
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014350.D

Acq: 30 Dec 2019 13:37

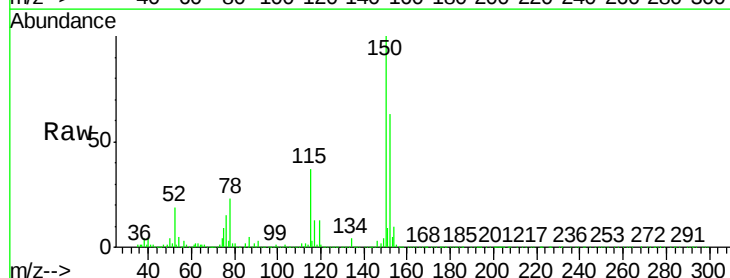
Tgt Ion:152 Resp: 340124

Ion Ratio Lower Upper

152 100

115 64.4 38.3 114.9

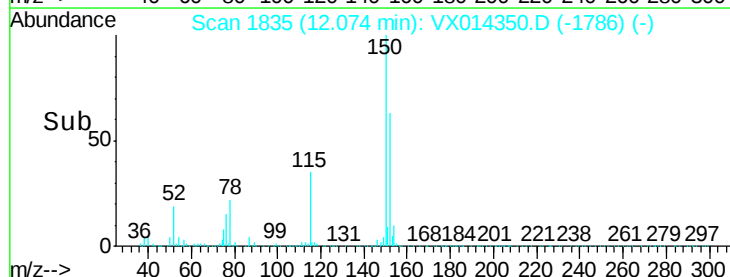
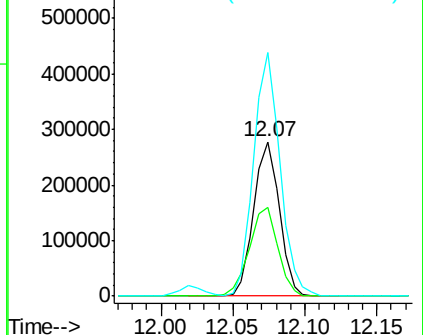
150 162.9 0.0 345.4

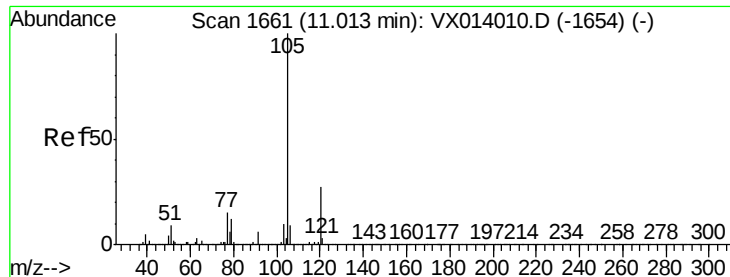


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.019 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion: 105 Resp: 479409

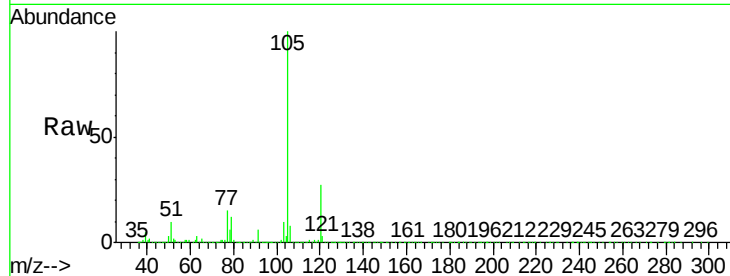
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4

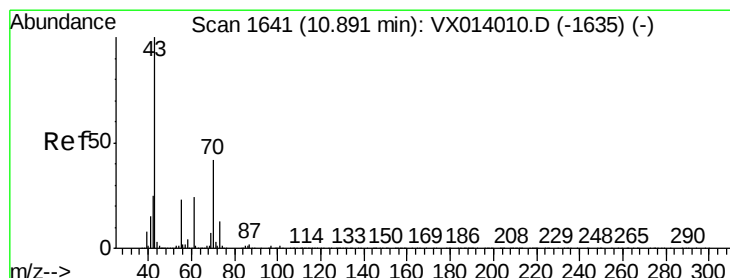
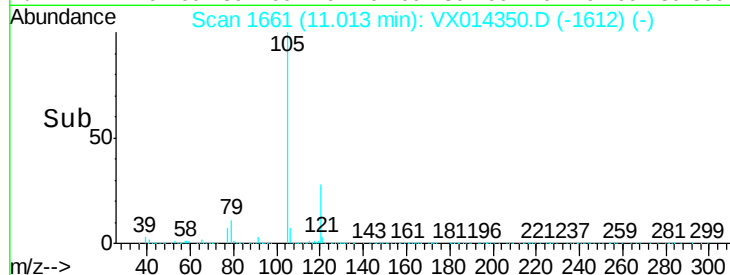
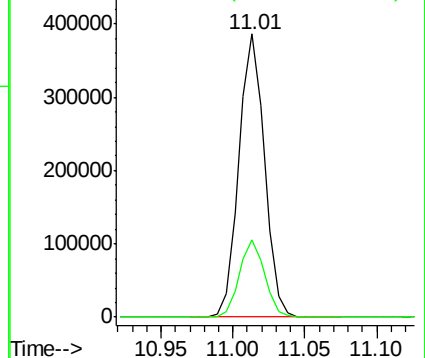
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.103 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion: 43 Resp: 214433

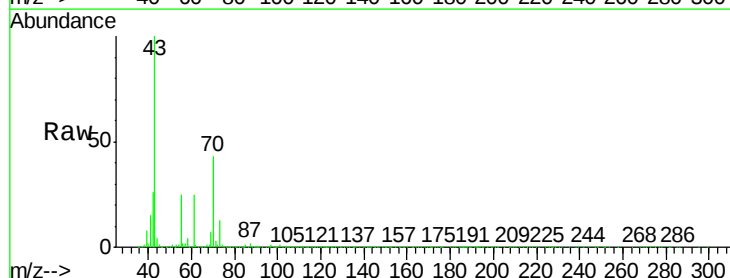
Ion Ratio Lower Upper

43 100

70 42.3 34.4 51.6

55 24.1 19.1 28.7

61 24.2 19.7 29.5

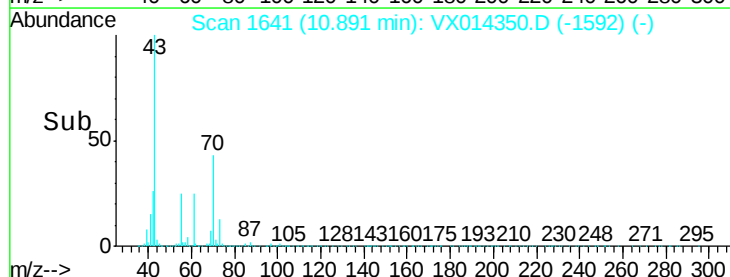
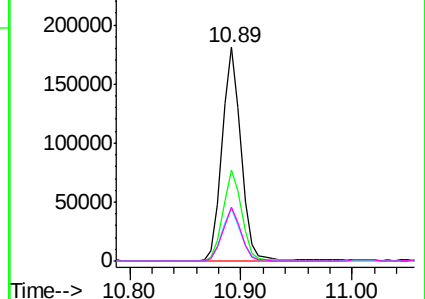


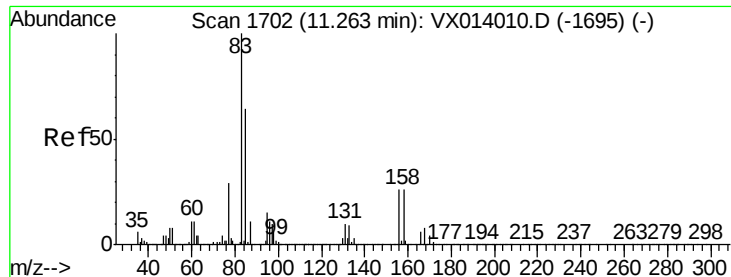
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.303 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

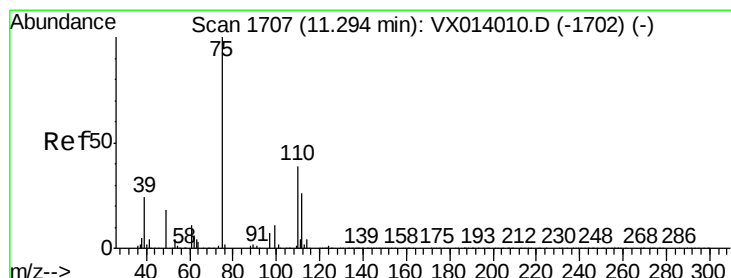
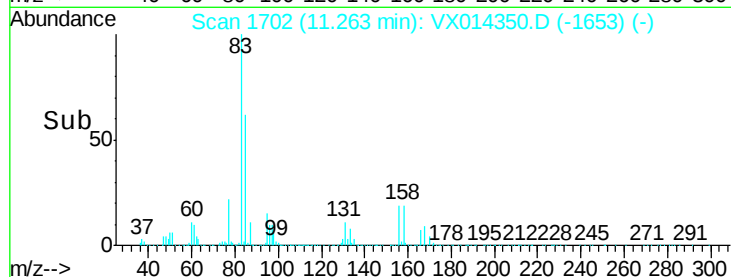
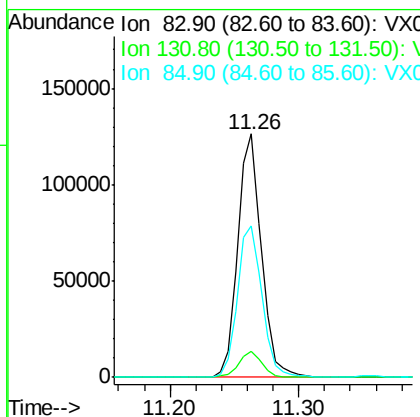
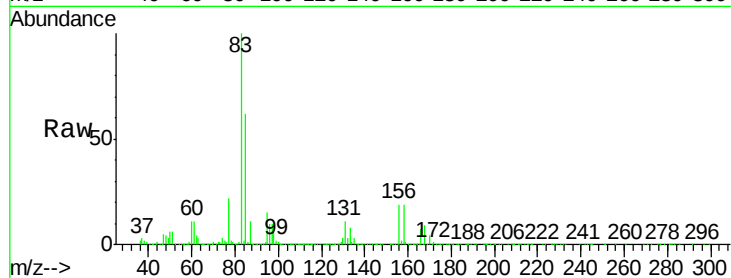
ClientSampleId :

VX1230WBS02

Tot Ion:	83	Resp:	160256
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.1	15.2
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.946 ug/l m

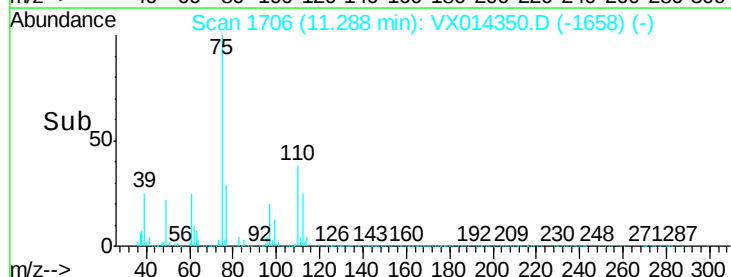
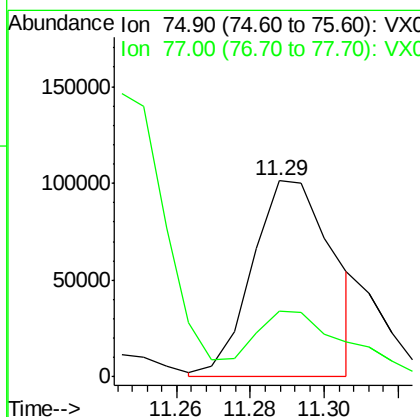
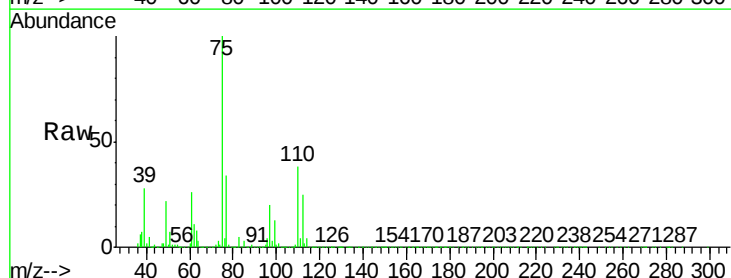
RT: 11.29 min Scan# 1706

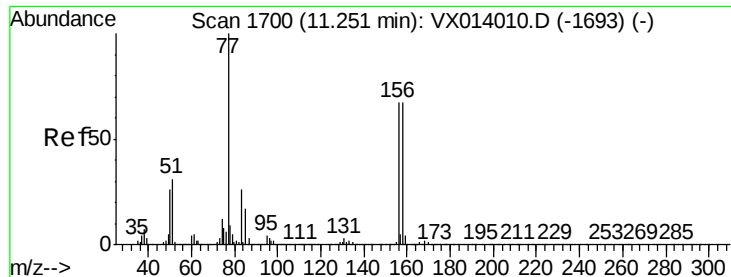
Delta R.T. -0.01 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	75	Resp:	154664
Ion Ratio		Lower	Upper
75	100		
77	38.9	19.3	57.8





#77

Bromobenzene

Concen: 18.556 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

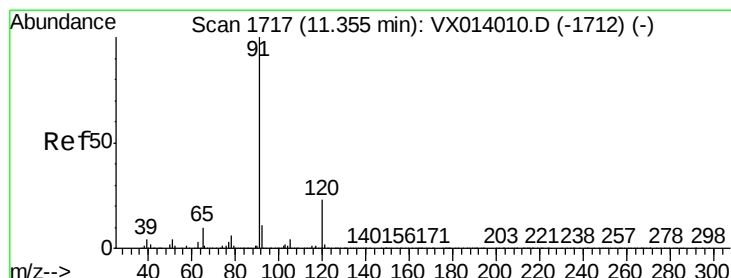
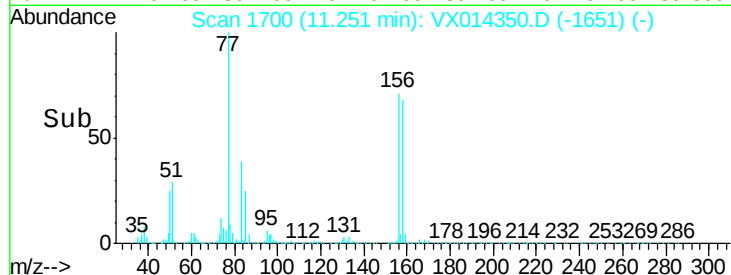
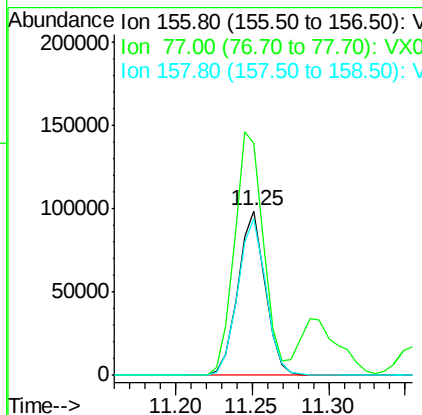
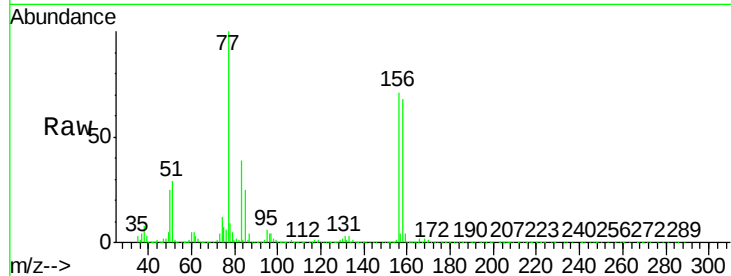
ClientSampleId :

VX1230WBS02

Tot Ion:	156	Resp:	122259
Ion Ratio	Lower	Upper	
156	100		
77	156.2	76.5	229.5
158	98.1	49.3	147.9

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#78

n-propylbenzene

Concen: 20.057 ug/l

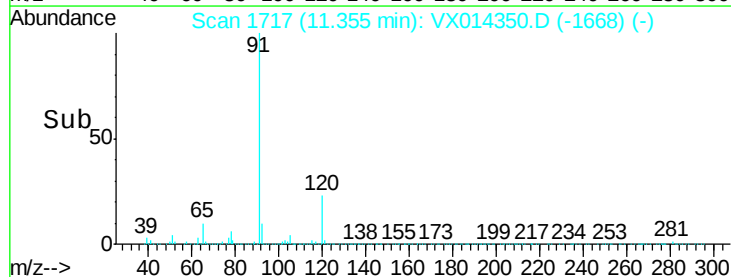
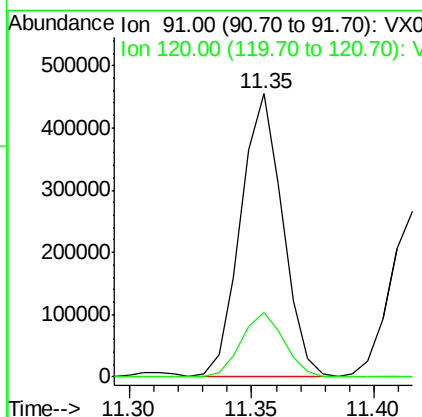
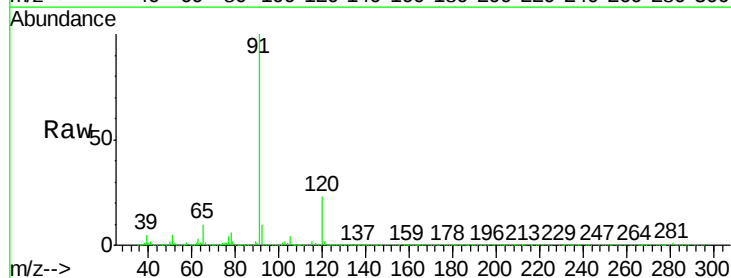
RT: 11.35 min Scan# 1717

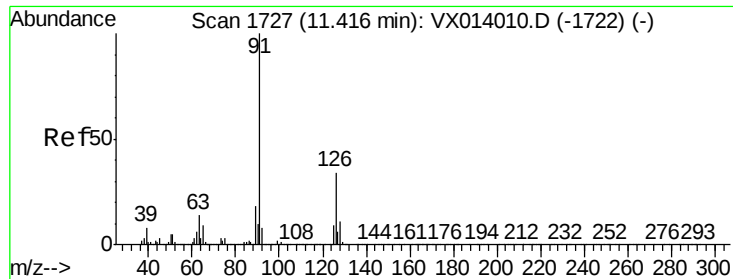
Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion:	91	Resp:	538755
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





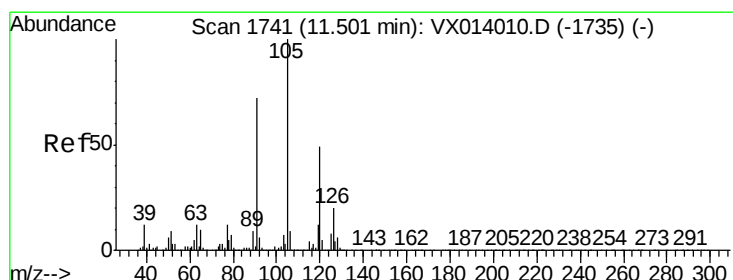
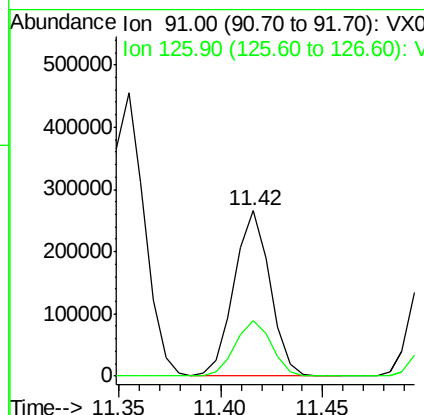
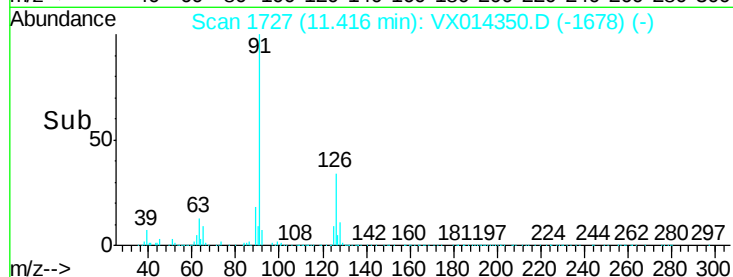
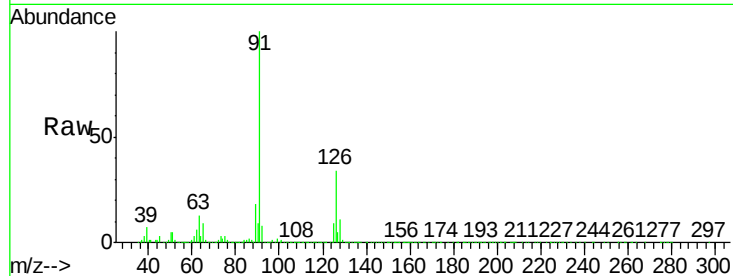
#79
2-Chlorotoluene
Concen: 19.684 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion: 91 Resp: 321400
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

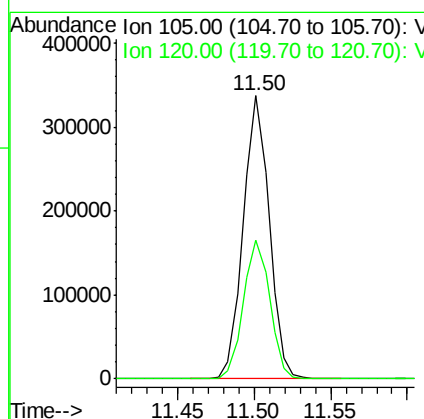
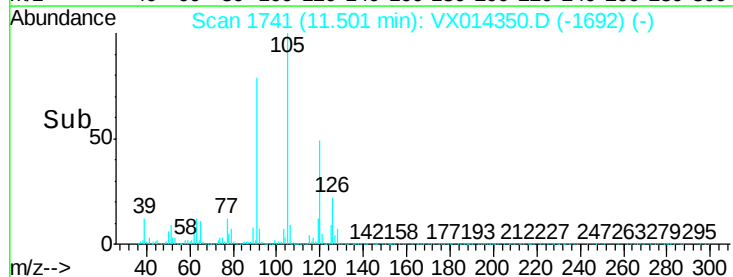
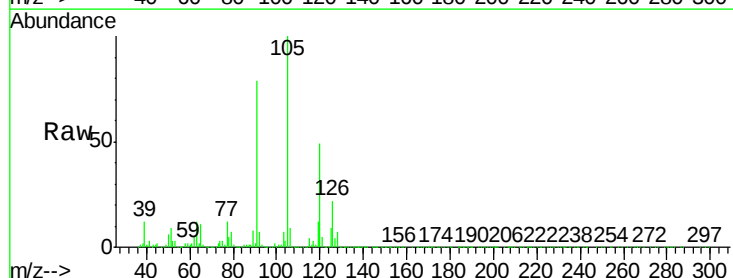
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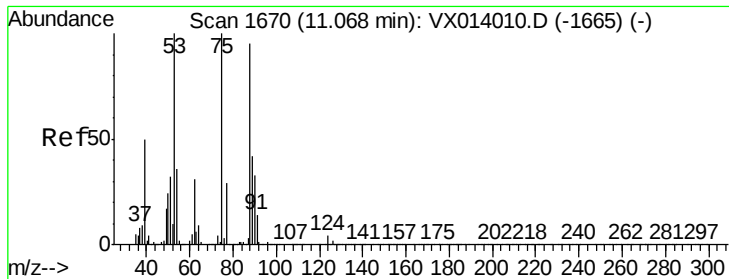
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#80
1,3,5-Trimethylbenzene
Concen: 19.734 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion: 105 Resp: 397723
Ion Ratio Lower Upper
105 100
120 49.7 25.3 75.8





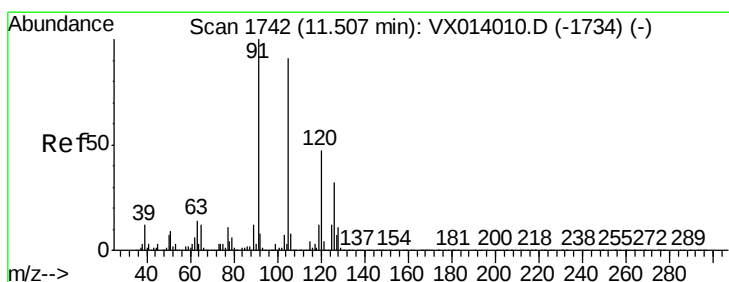
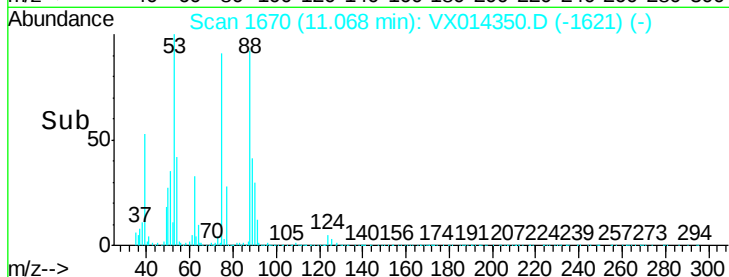
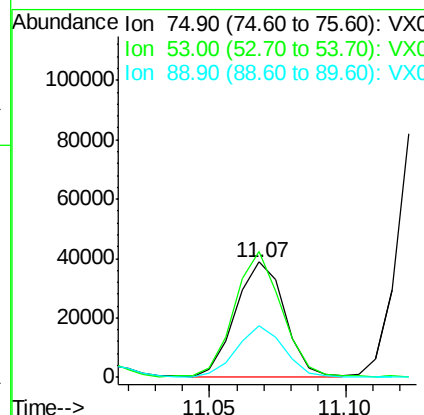
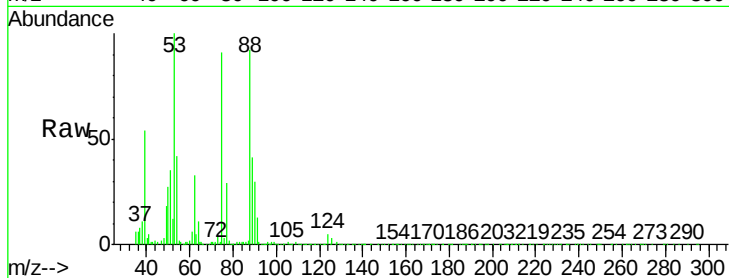
#81
trans-1,4-Dichloro-2-butene
Concen: 18.399 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	76.7	115.1
89	44.3	34.6	51.8

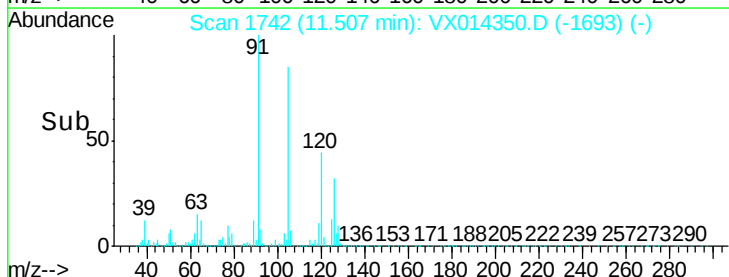
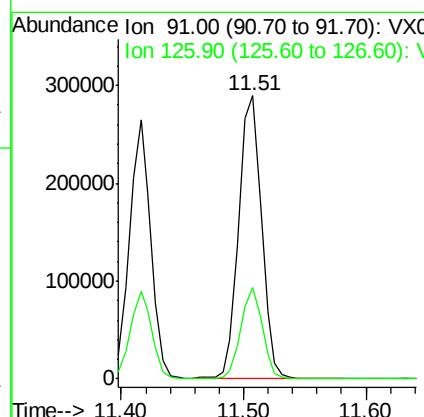
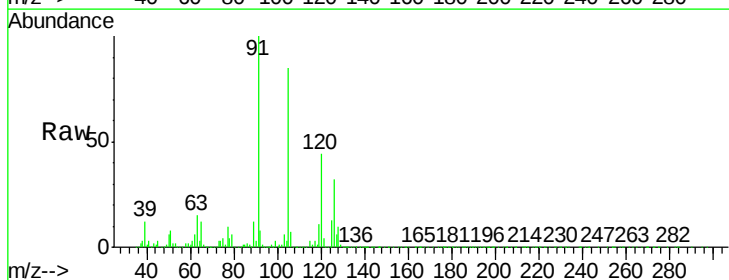
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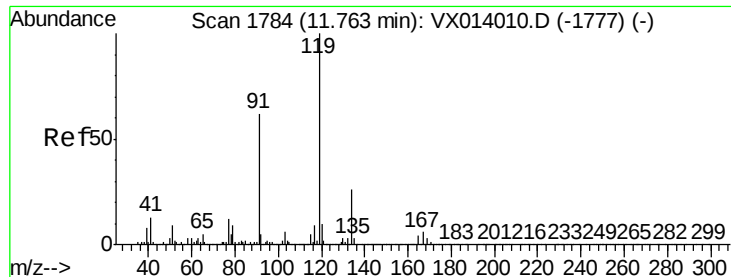
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#82
4-Chlorotoluene
Concen: 19.542 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.6	46.8





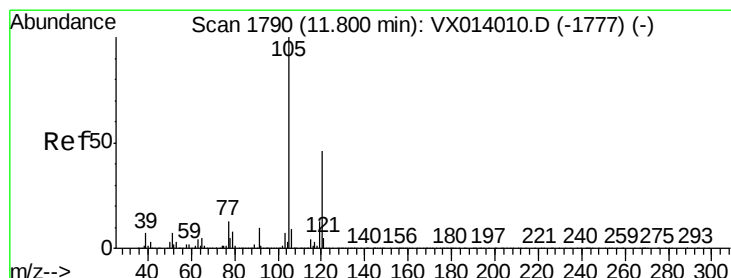
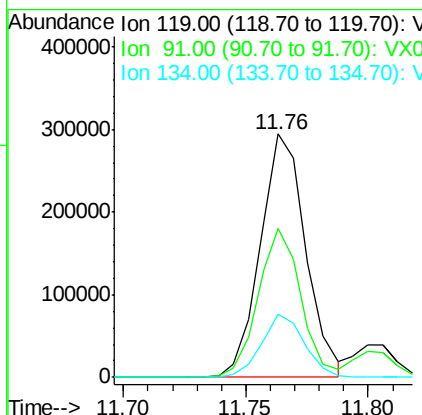
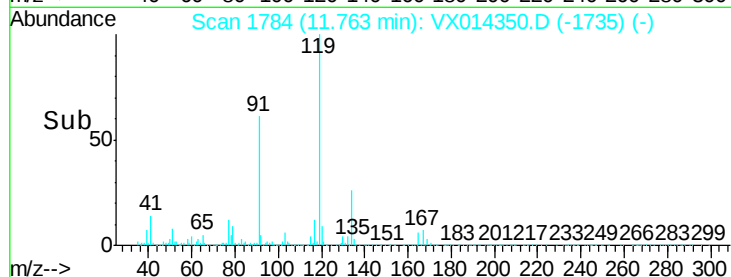
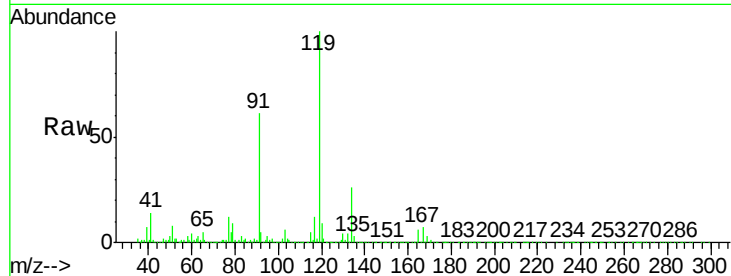
#83
tert-Butylbenzene
Concen: 19.491 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382281		
91	57.8	28.5	85.6	
134	24.6	12.2	36.6	

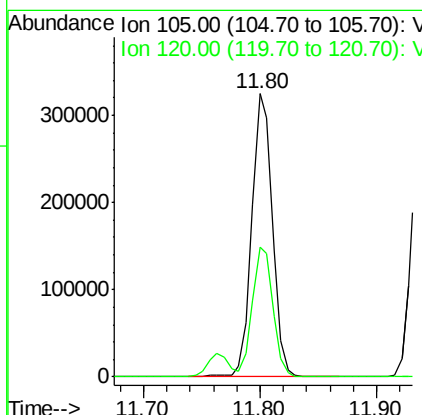
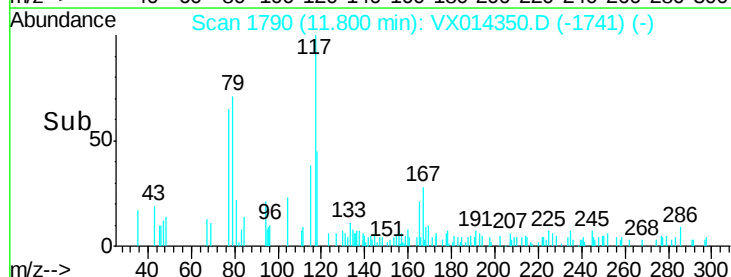
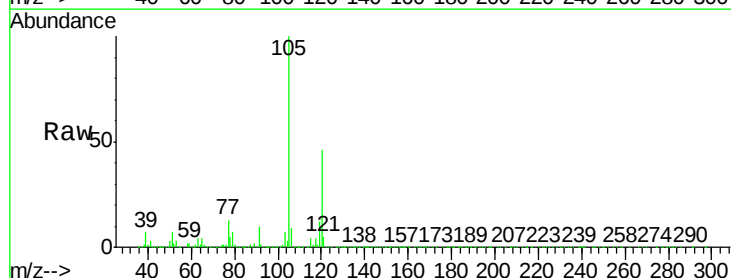
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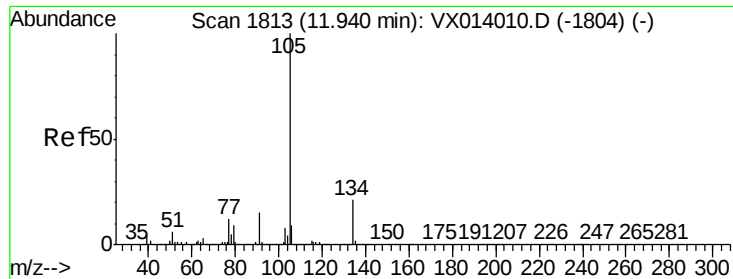
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#84
1,2,4-Trimethylbenzene
Concen: 19.888 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401412		
120	45.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.081 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBS02

Tot Ion:105 Resp: 464946

Ion Ratio Lower Upper

105 100

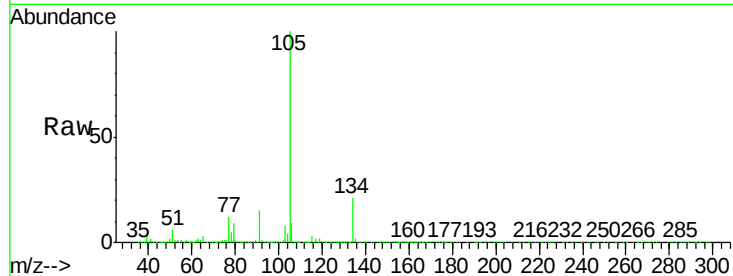
134 20.6 10.4 31.1

Manual Integrations

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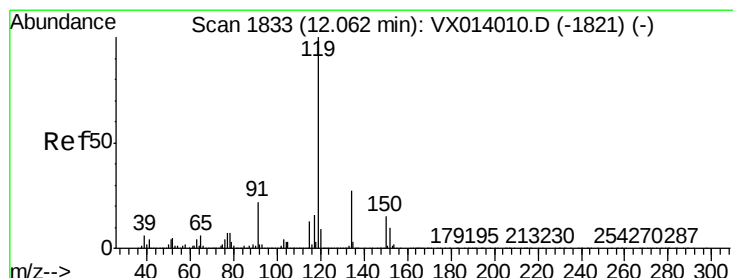
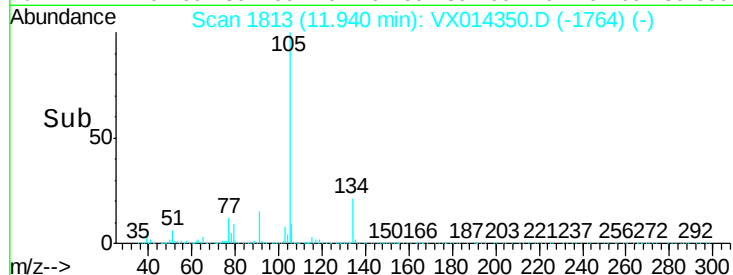
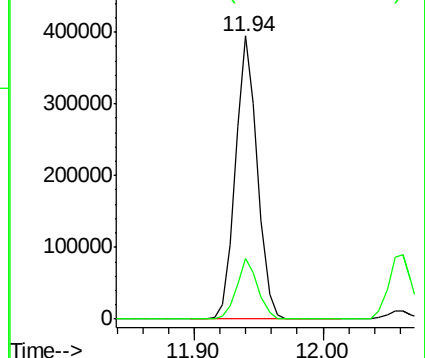
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.968 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

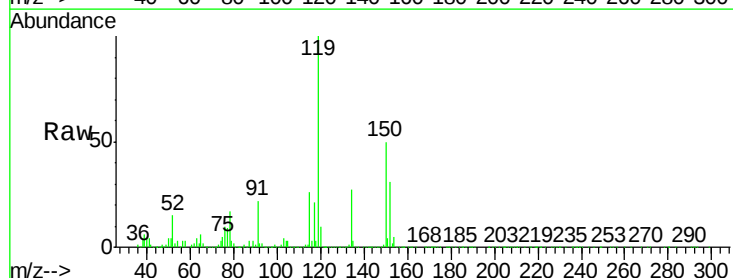
Tgt Ion:119 Resp: 422926

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

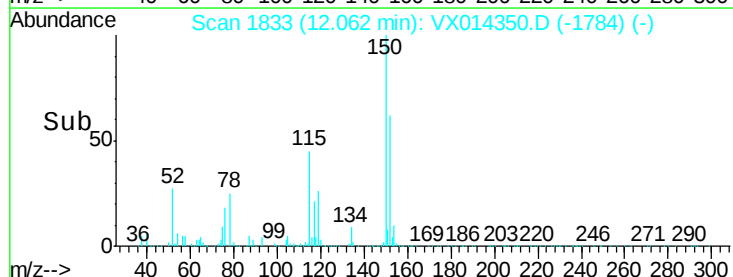
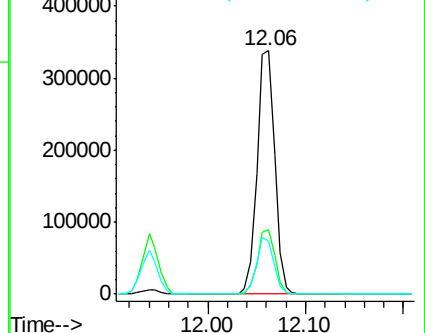
91 22.6 11.4 34.1

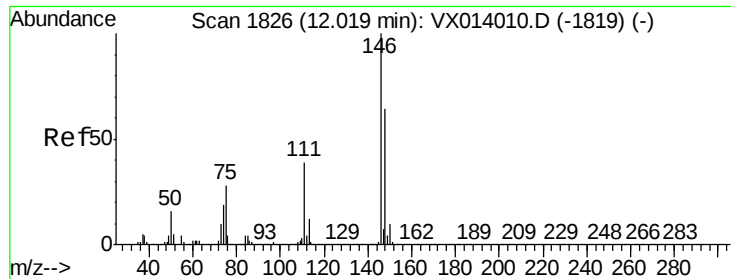


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.018 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

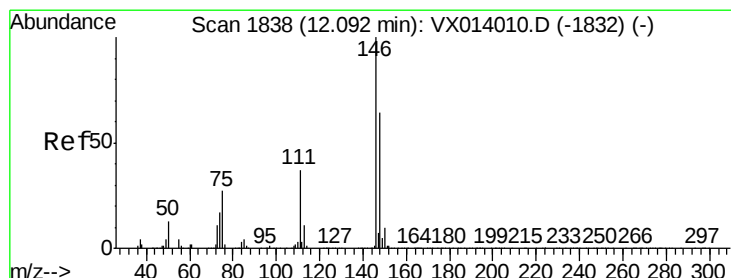
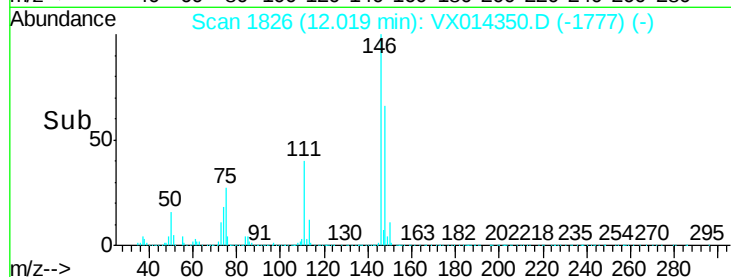
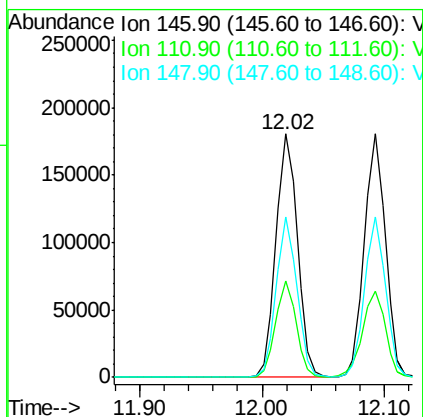
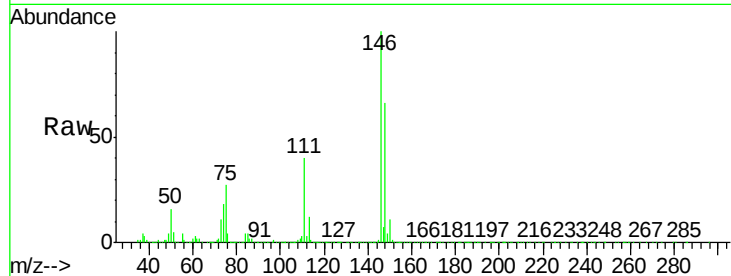
Instrument :
MSVOA_X

ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.6	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 18.305 ug/l

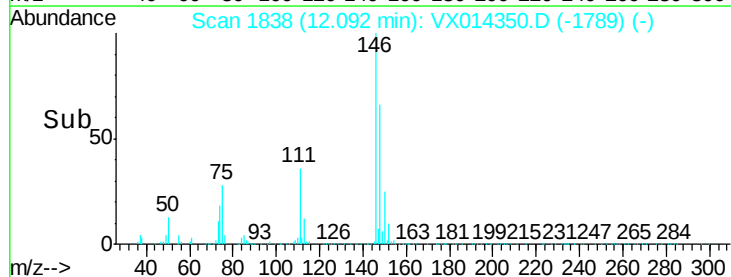
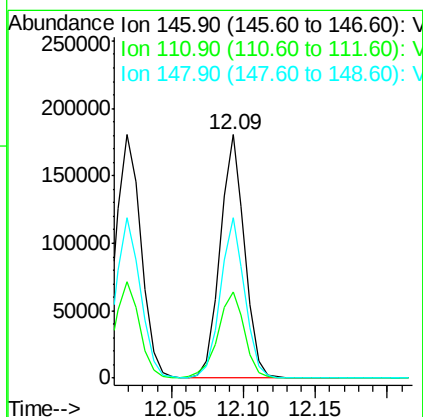
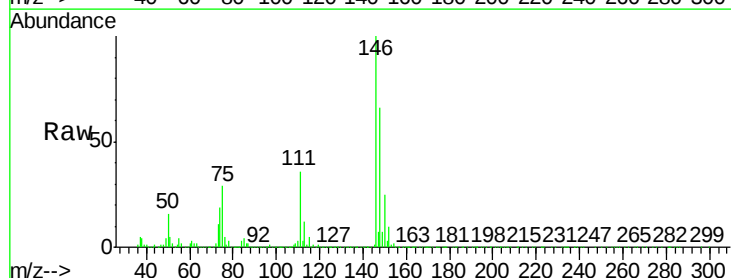
RT: 12.09 min Scan# 1838

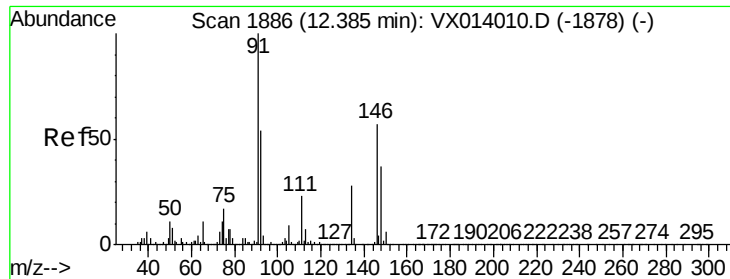
Delta R.T. 0.00 min

Lab File: VX014350.D

Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.3	31.9	95.9





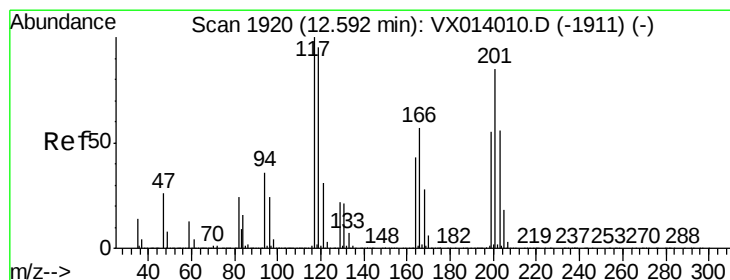
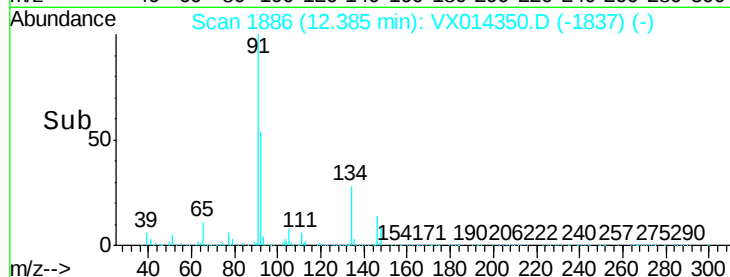
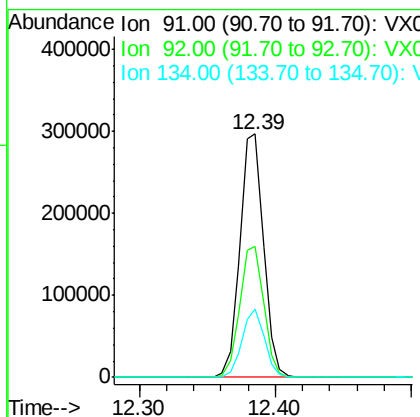
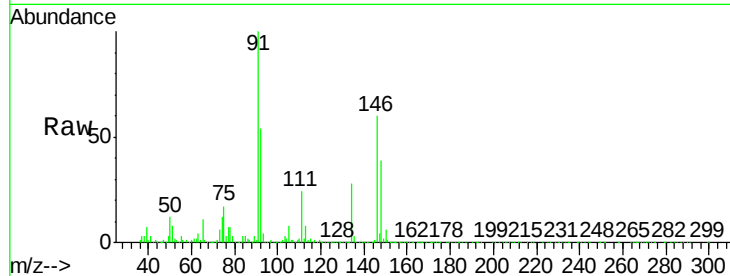
#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	358711		
92	54.6	27.2	81.6	
134	26.6	13.4	40.1	

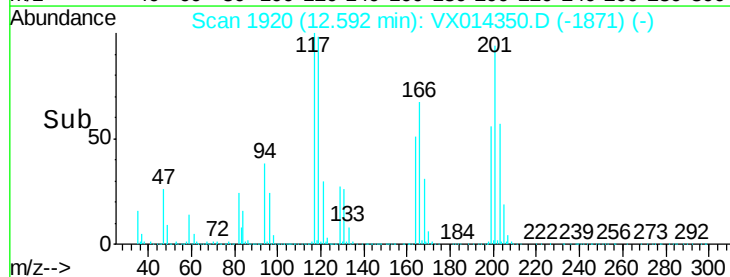
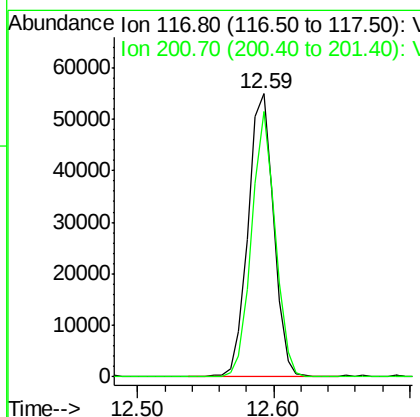
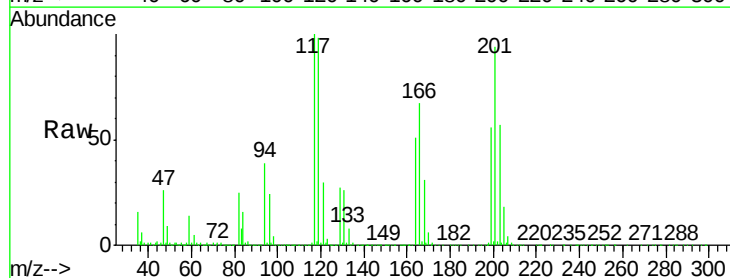
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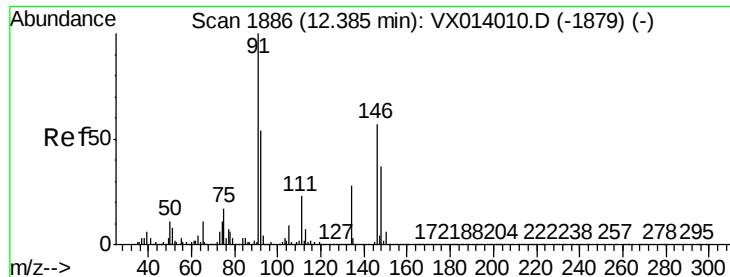
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#90
Hexachloroethane
Concen: 19.142 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72822		
201	86.7	43.1	129.3	





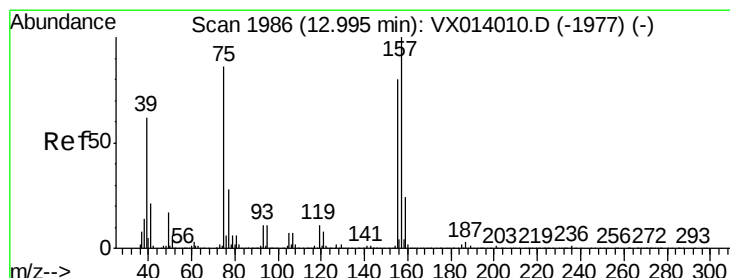
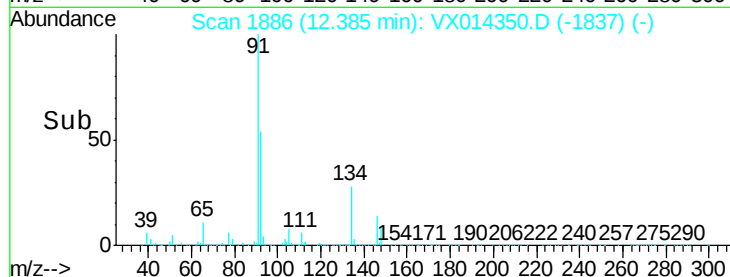
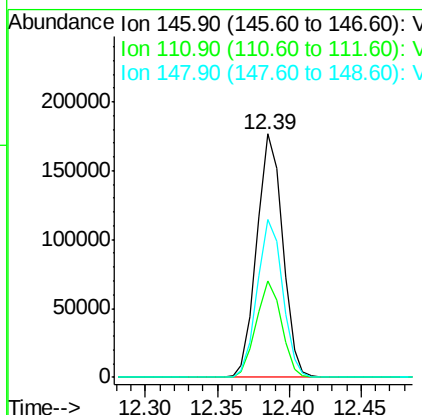
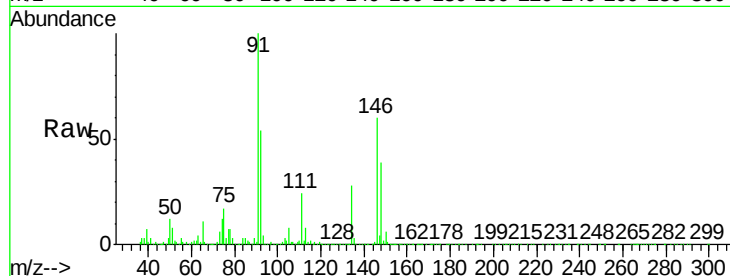
#91
 1,2-Dichlorobenzene
 Concen: 18.842 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.0	32.1	96.5

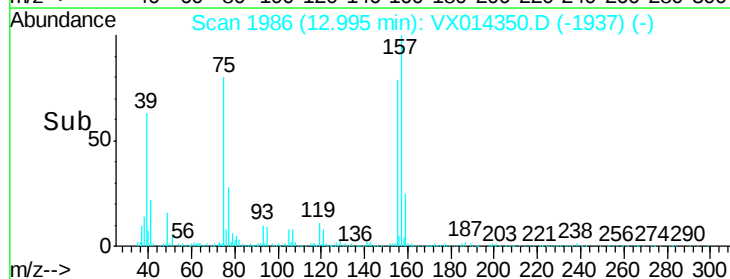
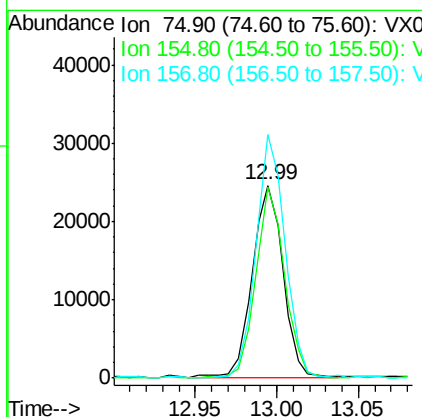
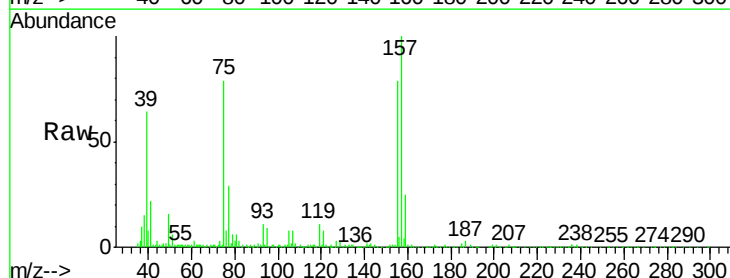
Manual Integrations
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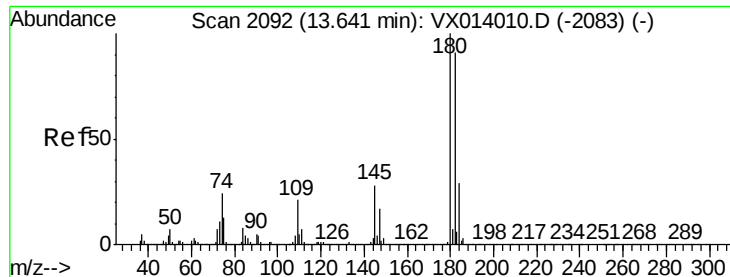
apatel
 12/31/2019 9:32:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.571 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.9	140.6
157	119.0	60.8	182.4





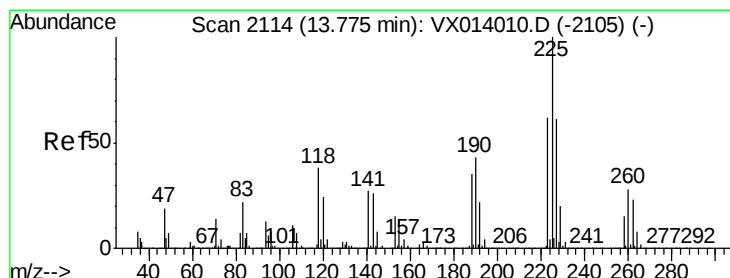
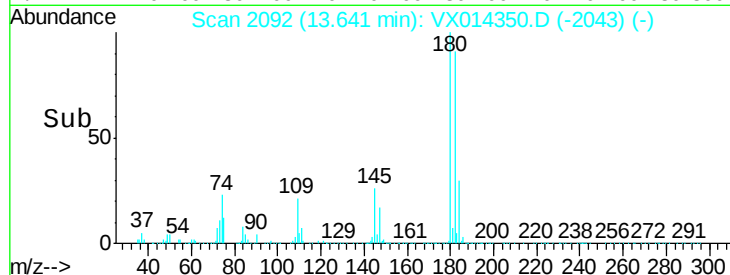
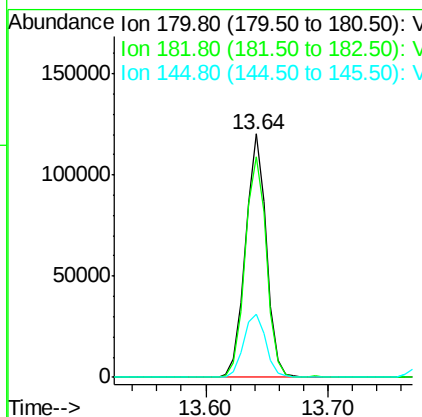
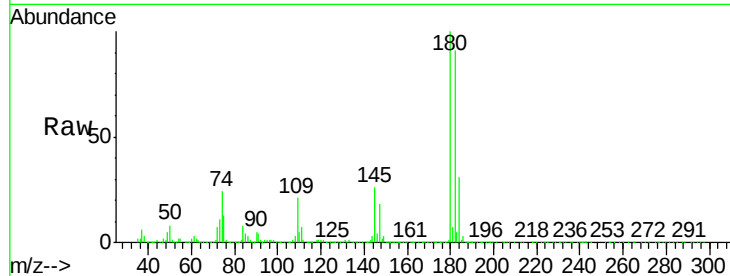
#93
 1,2,4-Trichlorobenzene
 Concen: 18.732 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141527		
182	93.0	46.6	139.8	
145	27.2	14.2	42.6	

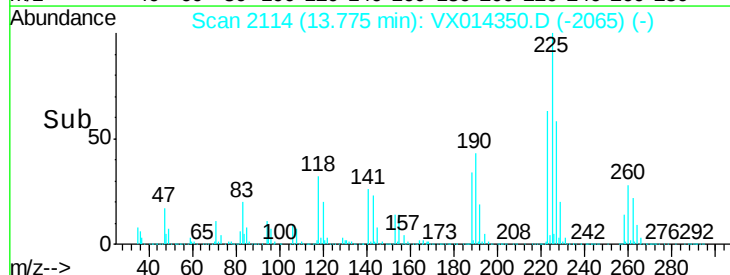
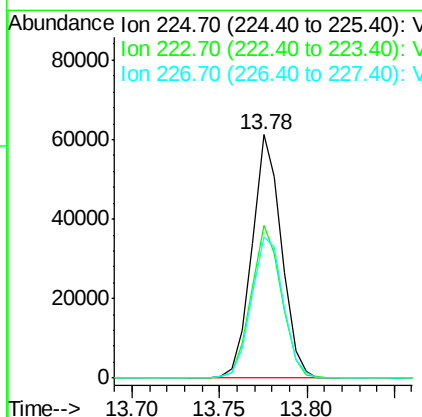
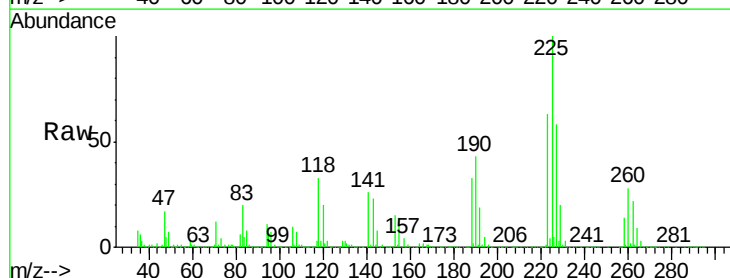
Manual Integrations
 APPROVED

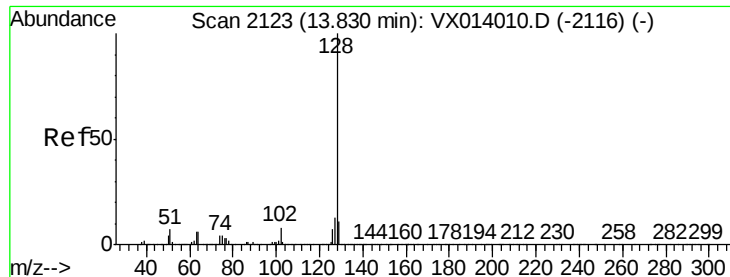
apatel
 12/31/2019 9:32:39 AM



#94
 Hexachlorobutadiene
 Concen: 19.711 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014350.D
 Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71572		
223	64.5	30.9	92.5	
227	63.0	30.9	92.7	





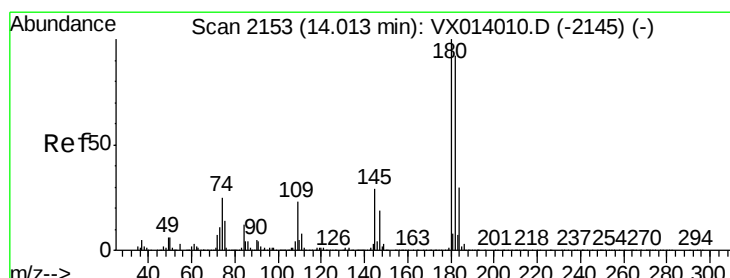
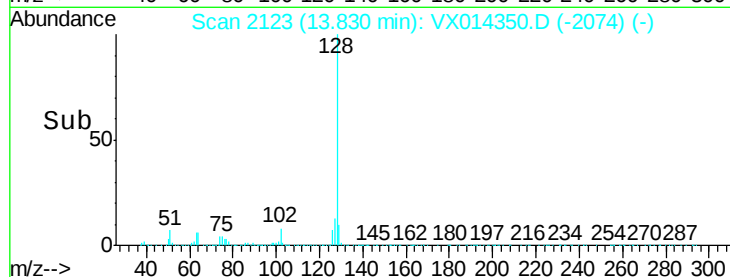
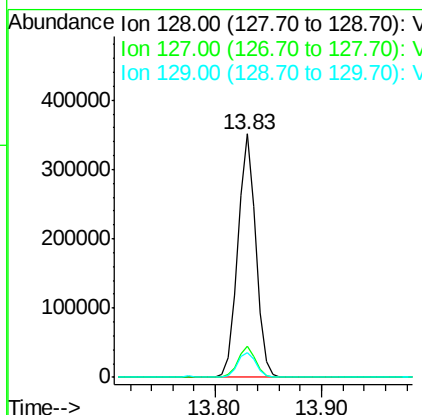
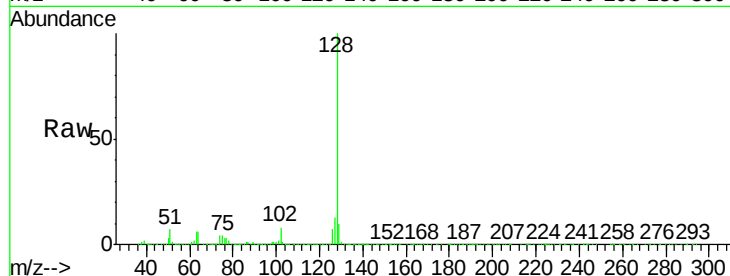
#95
Naphthalene
Concen: 18.748 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	416169		
127	12.4	10.2	15.4	
129	10.6	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.036 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014350.D
Acq: 30 Dec 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141974		
182	95.1	46.8	140.3	
145	30.6	14.8	44.4	

