

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014462.D
 Acq On : 08 Jan 2020 11:32
 Operator : JC/SP
 Sample : VX0108WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Manual Integrations
 APPROVED

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 1/9/2020 2:33:39 PM

Quant Time: Jan 08 13:39:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	880565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	791846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	401580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	325809	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	266721	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	1071191	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	377018	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	156342	21.347	ug/l	98
3) Chloromethane	1.32	50	156514	20.673	ug/l	100
4) Vinyl Chloride	1.40	62	180857	21.437	ug/l	96
5) Bromomethane	1.63	94	103729	18.549	ug/l	99
6) Chloroethane	1.72	64	98769	20.731	ug/l	99
7) Trichlorofluoromethane	1.92	101	197673	20.655	ug/l	96
8) Diethyl Ether	2.18	74	85046	19.479	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120032	20.616	ug/l	98
10) Methyl Iodide	2.50	142	120680	17.310	ug/l	99
11) Tert butyl alcohol	3.03	59	140354	101.380	ug/l	100
12) 1,1-Dichloroethene	2.37	96	116819	19.914	ug/l	98
13) Acrolein	2.28	56	83005	74.802	ug/l	96
14) Allyl chloride	2.72	41	204049	19.812	ug/l	99
15) Acrylonitrile	3.13	53	333115	99.694	ug/l	99
16) Acetone	2.43	43	345781	101.527	ug/l	100
17) Carbon Disulfide	2.56	76	314035	19.186	ug/l	99
18) Methyl Acetate	2.76	43	200667	21.057	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	382649	20.320	ug/l	97
20) Methylene Chloride	2.85	84	129541	19.421	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	124949	19.511	ug/l	98
22) Diisopropyl ether	3.84	45	411386	20.669	ug/l	94
23) Vinyl Acetate	3.80	43	1595350	103.531	ug/l	100
24) 1,1-Dichloroethane	3.69	63	221639	20.471	ug/l	98
25) 2-Butanone	4.65	43	493985	99.738	ug/l	99
26) 2,2-Dichloropropane	4.57	77	184131	20.075	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	140883	19.679	ug/l	99
28) Bromochloromethane	5.00	49	95679	20.972	ug/l	96
29) Tetrahydrofuran	5.11	42	299343	102.224	ug/l	99
30) Chloroform	5.20	83	214568	20.280	ug/l	99
31) Cyclohexane	5.57	56	212682	20.986	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	183506	20.263	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165177	19.947	ug/l	99
37) Ethyl Acetate	4.81	43	183318	20.380	ug/l	99
38) Carbon Tetrachloride	5.77	117	158894	20.851	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218572	21.009	ug/l	98
40) Benzene	6.13	78	506601	20.612	ug/l	99
41) Methacrylonitrile	5.03	41	101301	21.119	ug/l	99
42) 1,2-Dichloroethane	6.18	62	172265	20.046	ug/l	99
43) Isopropyl Acetate	6.43	43	302050	20.787	ug/l	99
44) Trichloroethene	7.20	130	143007	20.247	ug/l	100
45) 1,2-Dichloropropane	7.50	63	130860	20.884	ug/l	98
46) Dibromomethane	7.65	93	83974	19.201	ug/l	99
47) Bromodichloromethane	7.89	83	165256	20.766	ug/l	98
48) Methyl methacrylate	7.76	41	146683	21.077	ug/l	100
49) 1,4-Dioxane	7.73	88	60477	410.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	930615	105.102	ug/l	99
52) Toluene	8.78	92	318784	20.262	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	184200	19.882	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204723	20.455	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	127763	20.218	ug/l	97
56) Ethyl methacrylate	9.17	69	200565	20.716	ug/l	99
57) 1,3-Dichloropropane	9.37	76	217099	20.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	310783	94.348	ug/l	98
59) 2-Hexanone	9.48	43	734826	104.885	ug/l	98
60) Dibromochloromethane	9.57	129	130115	20.485	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133918	20.006	ug/l	100
64) Tetrachloroethene	9.33	164	155668	19.615	ug/l	98
65) Chlorobenzene	10.13	112	345661	20.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124389	20.283	ug/l	98
67) Ethyl Benzene	10.25	91	615646	21.019	ug/l	98
68) m/p-Xylenes	10.36	106	462445	40.925	ug/l	98
69) o-Xylene	10.70	106	225516	20.917	ug/l	100
70) Styrene	10.71	104	383397	20.606	ug/l	99
71) Bromoform	10.85	173	100545	20.039	ug/l	99
73) Isopropylbenzene	11.01	105	598943	21.239	ug/l	99
74) N-amyl acetate	10.89	43	261571	21.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	190436	21.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157801m	18.992	ug/l	
77) Bromobenzene	11.25	156	156932	20.067	ug/l	98
78) n-propylbenzene	11.35	91	685698	21.232	ug/l	100
79) 2-Chlorotoluene	11.42	91	403168	20.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499479	21.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62144	19.774	ug/l	96
82) 4-Chlorotoluene	11.51	91	462975	20.492	ug/l	99
83) tert-Butylbenzene	11.76	119	470428	21.266	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	507384	21.447	ug/l	99
85) sec-Butylbenzene	11.94	105	584347	21.249	ug/l	99
86) p-Isopropyltoluene	12.06	119	544114	21.322	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275023	19.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	281094	20.978	ug/l	99
89) n-Butylbenzene	12.39	91	465464	19.949	ug/l	99
90) Hexachloroethane	12.59	117	90795	20.255	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	276832	20.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40569	19.943	ug/l	99

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ClientSampleId :
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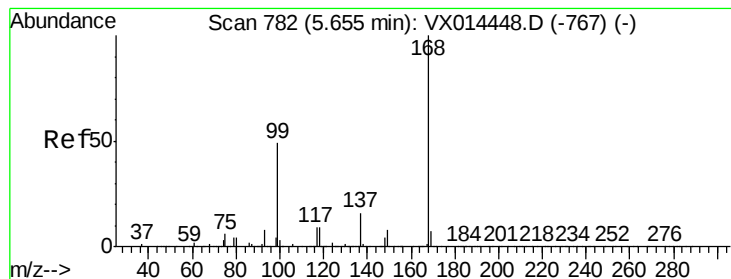
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	193593	19.993	ug/l	99
94) Hexachlorobutadiene	13.78	225	90133	19.978	ug/l	97
95) Naphthalene	13.83	128	574339	19.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	190823	19.985	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 168 Resp: 593949

Ion Ratio Lower Upper

168 100

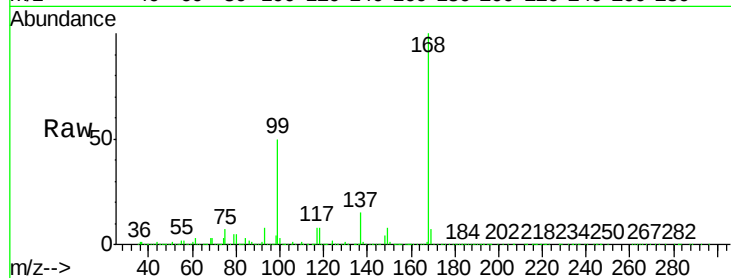
99 49.9 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

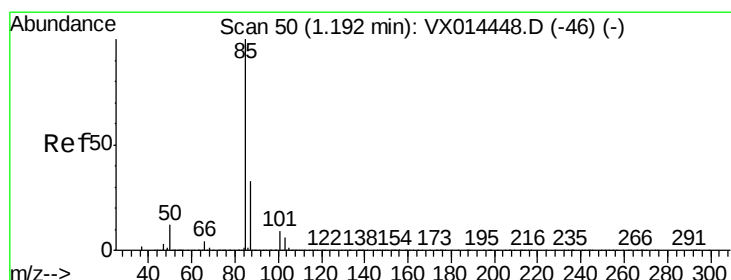
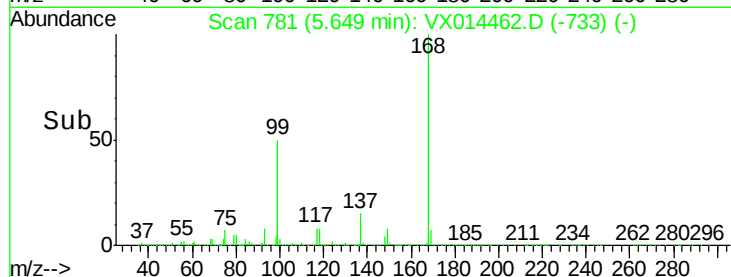
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.347 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014462.D

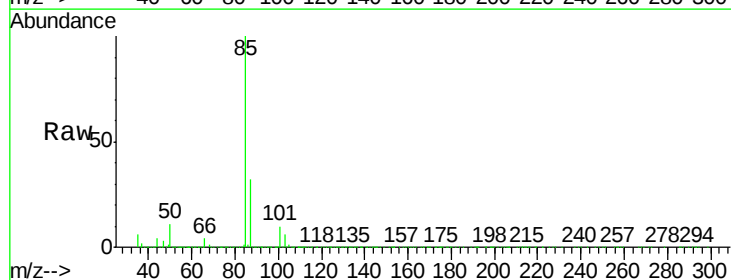
Acq: 08 Jan 2020 11:32

Tgt Ion: 85 Resp: 156342

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

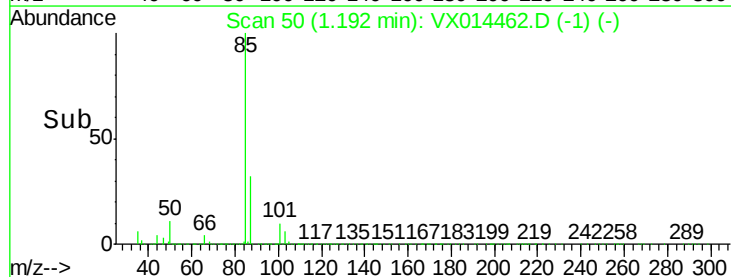
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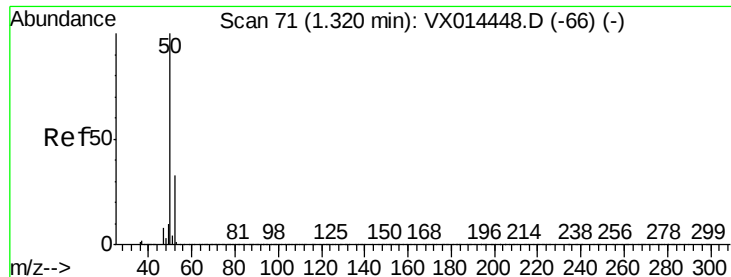
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.673 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 50 Resp: 156514

Ion Ratio Lower Upper

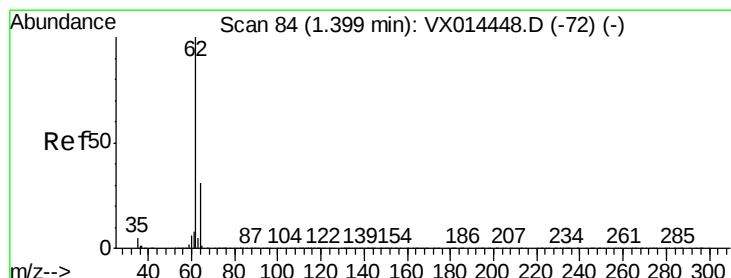
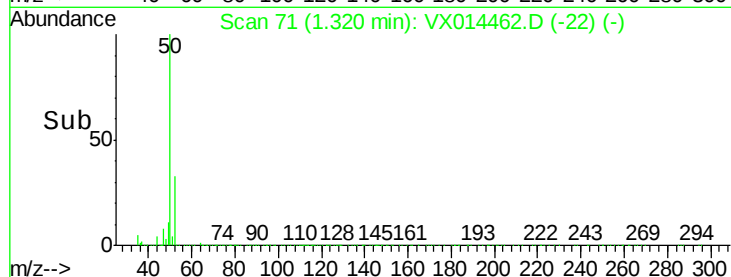
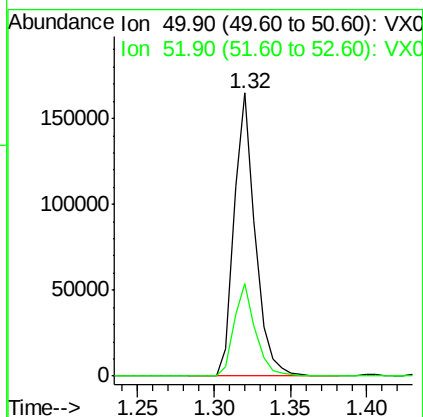
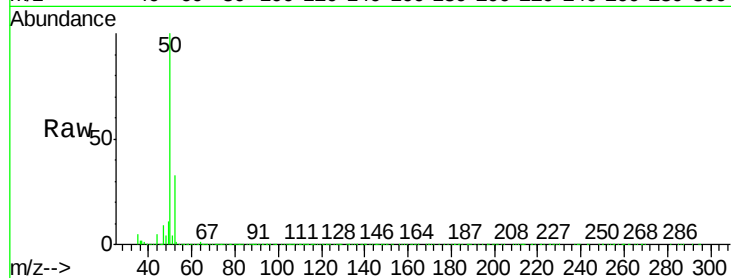
50 100

52 32.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.437 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014462.D

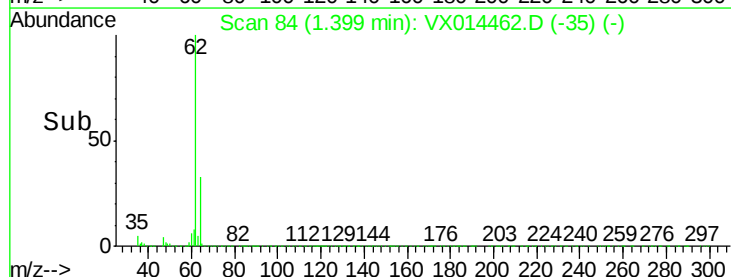
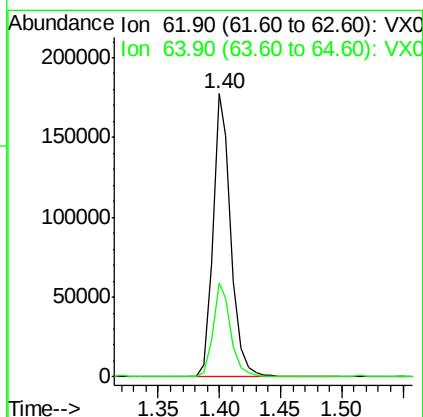
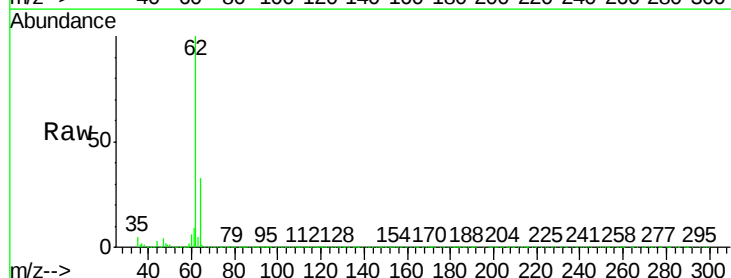
Acq: 08 Jan 2020 11:32

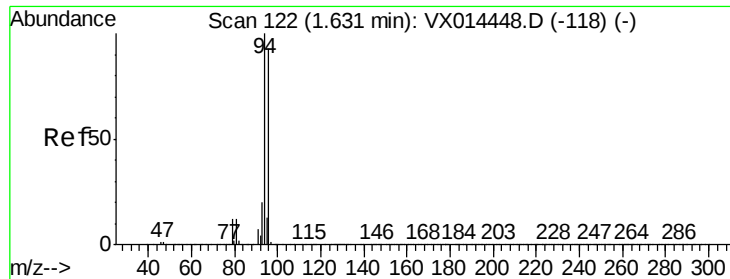
Tgt Ion: 62 Resp: 180857

Ion Ratio Lower Upper

62 100

64 33.2 24.6 37.0





#5

Bromomethane

Concen: 18.549 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 94 Resp: 103729

Ion Ratio Lower Upper

94 100

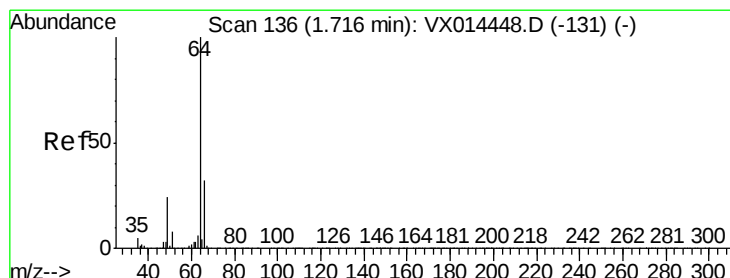
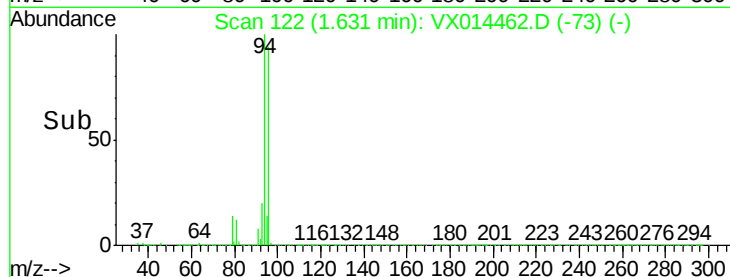
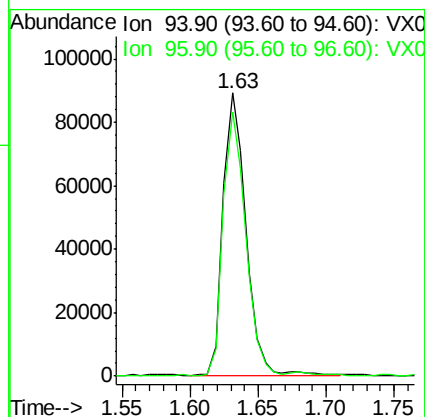
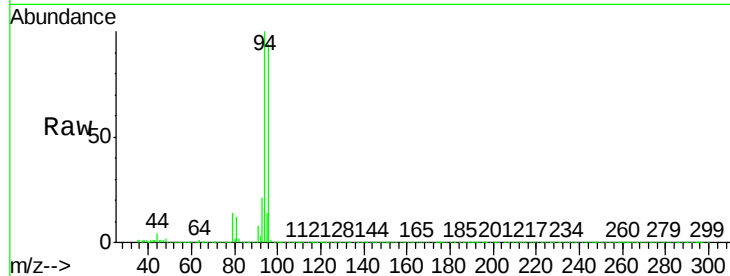
96 93.6 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 20.731 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014462.D

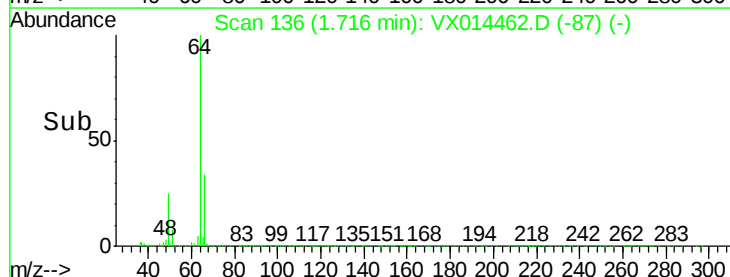
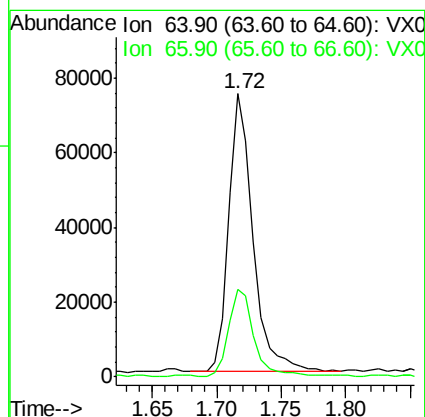
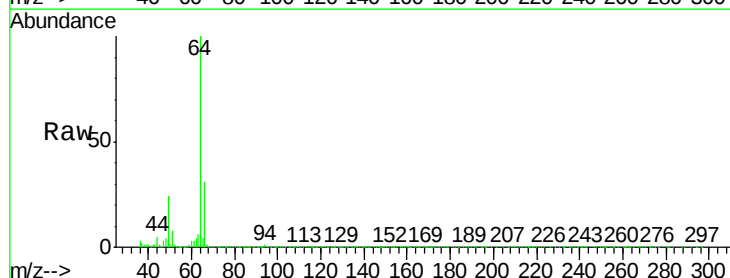
Acq: 08 Jan 2020 11:32

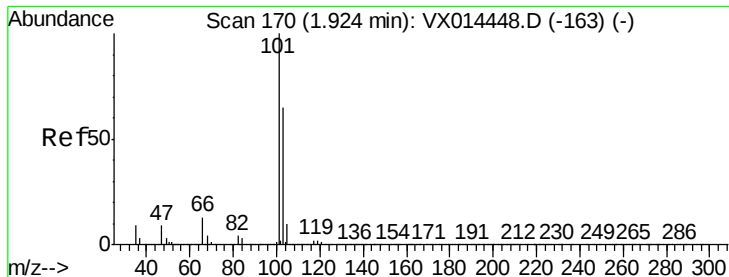
Tgt Ion: 64 Resp: 98769

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

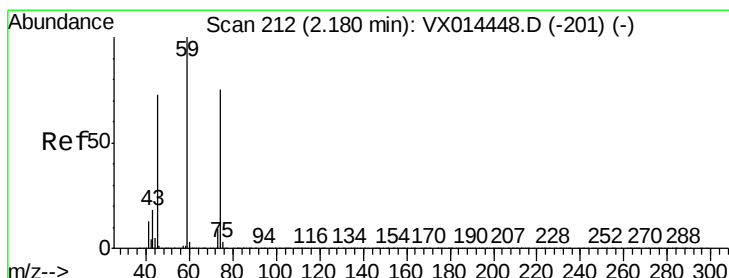
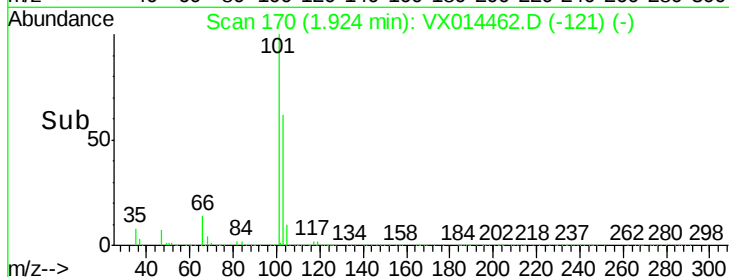
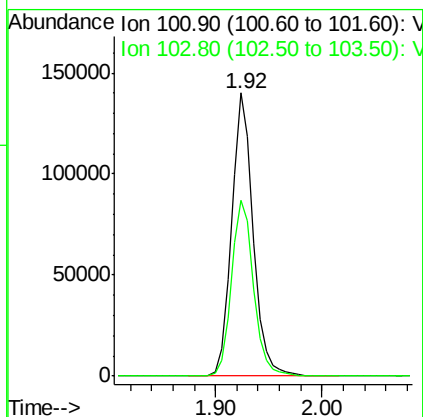
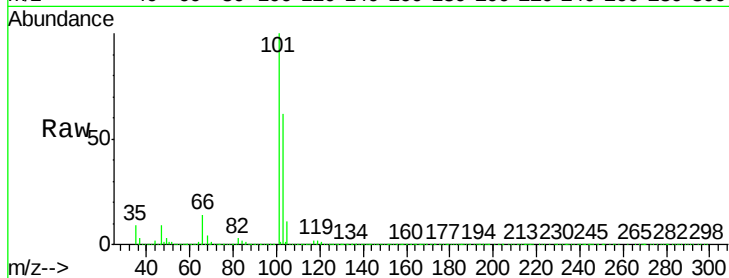
Trichlorofluoromethane
Concen: 20.655 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

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ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.2	78.4

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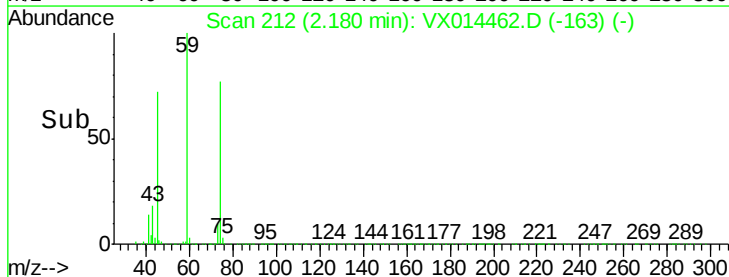
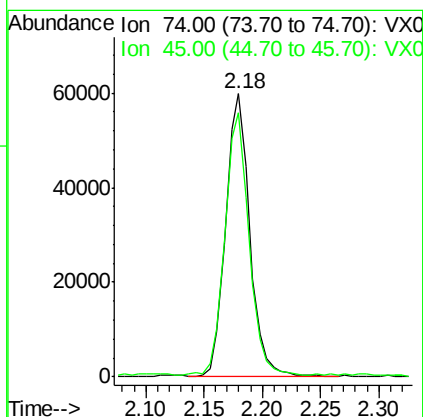
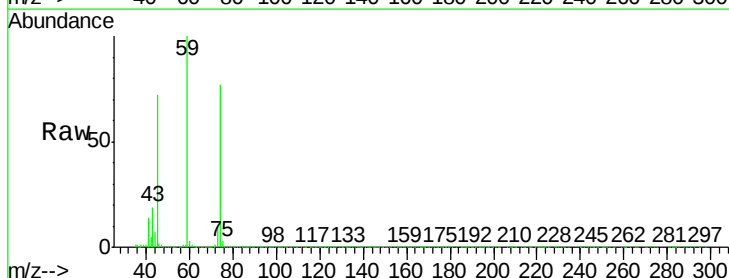
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1/9/2020 2:33:39 PM

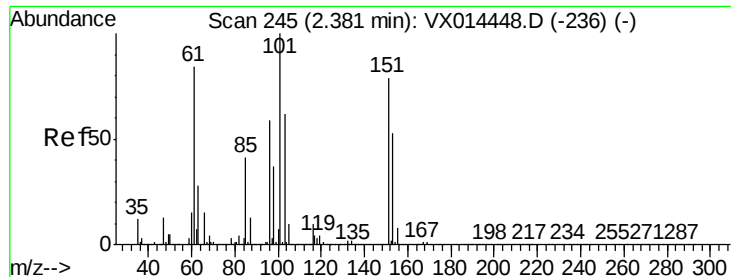


#8

Diethyl Ether
Concen: 19.479 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.616 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

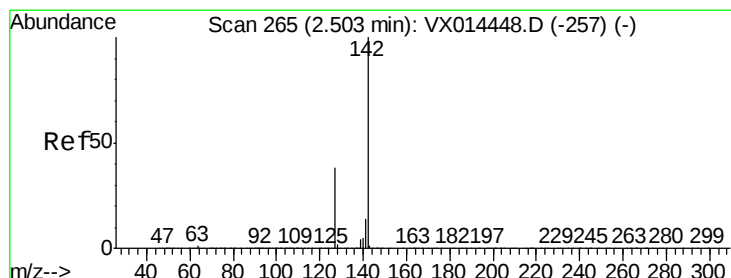
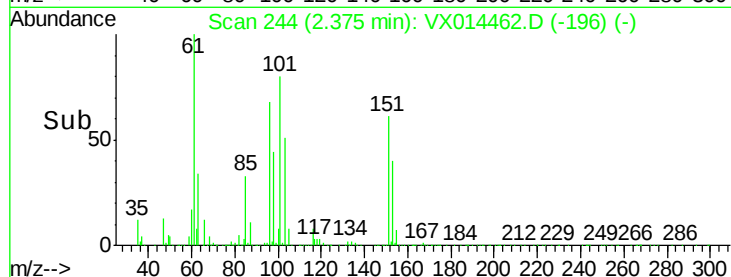
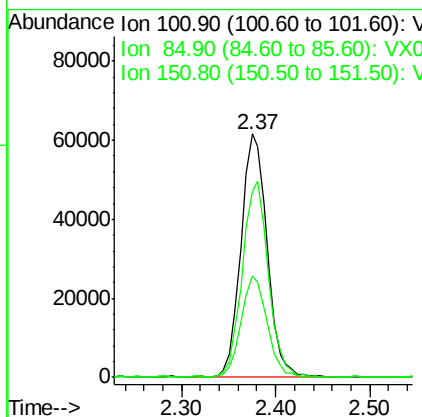
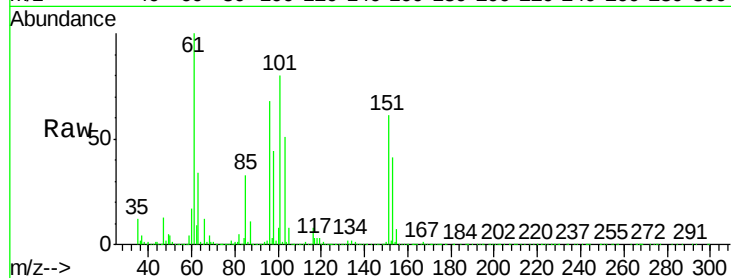
ClientSampleId :

VX0108WBS01

Tgt Ion:	101	Resp:	120032
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.8	50.8
151	80.1	65.3	97.9

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#10

Methyl Iodide

Concen: 17.310 ug/l

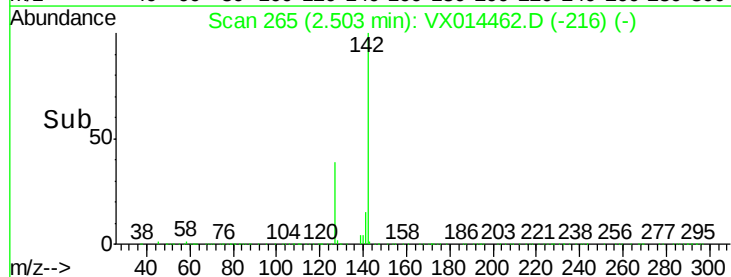
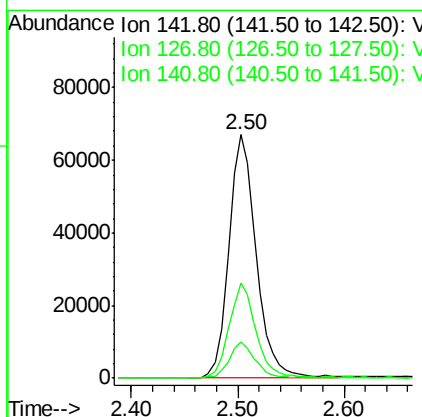
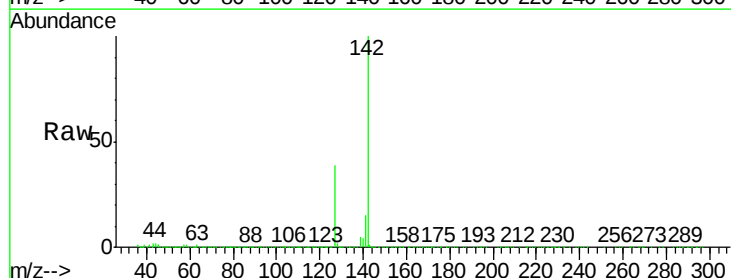
RT: 2.50 min Scan# 265

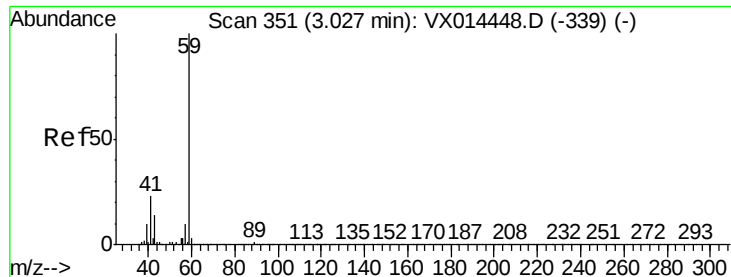
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	142	Resp:	120680
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.2	46.8
141	14.2	11.4	17.2





#11

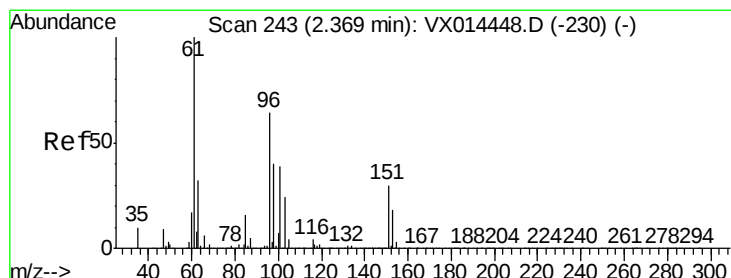
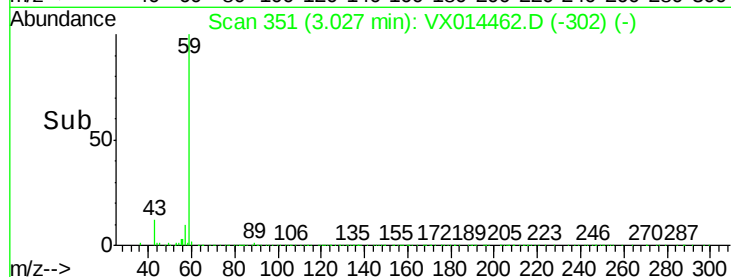
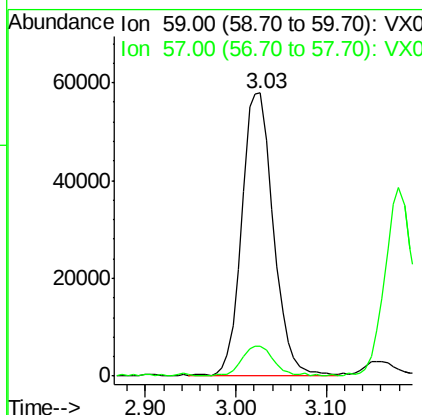
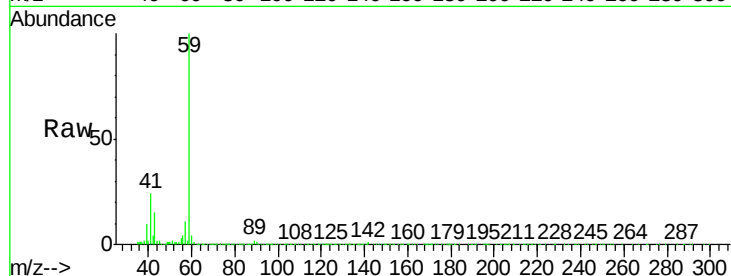
Tert butyl alcohol
Concen: 101.380 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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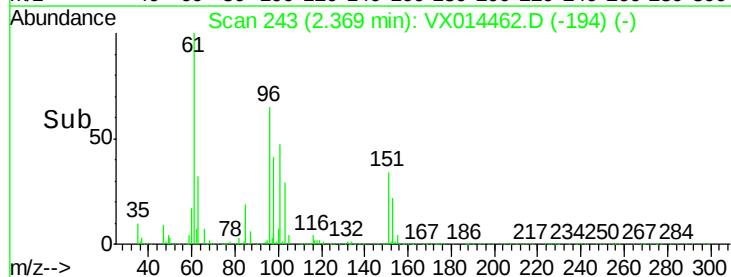
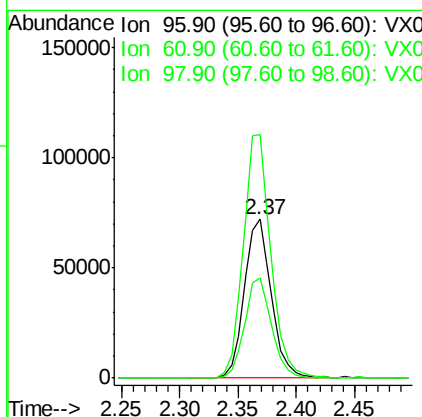
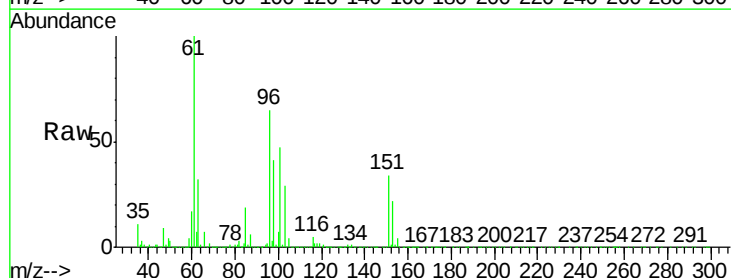
apatel
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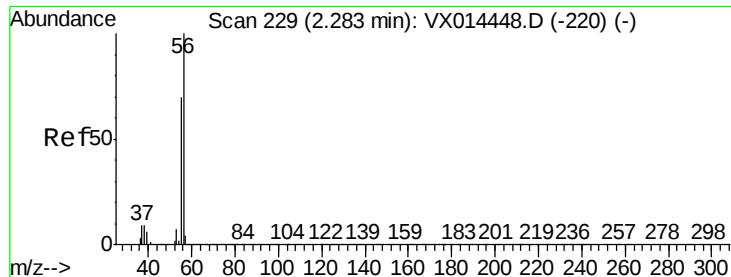


#12

1,1-Dichloroethene
Concen: 19.914 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.2	125.0	187.6
98	63.2	50.2	75.2





#13

Acrolein

Concen: 74.802 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 56 Resp: 83005

Ion Ratio Lower Upper

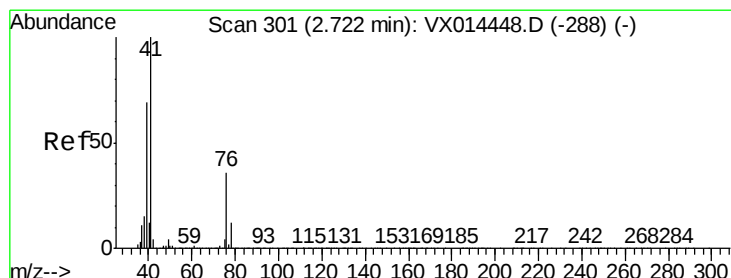
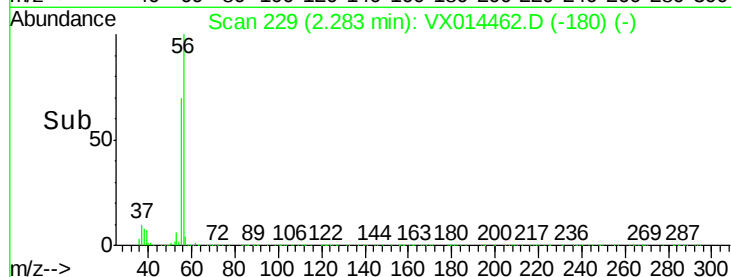
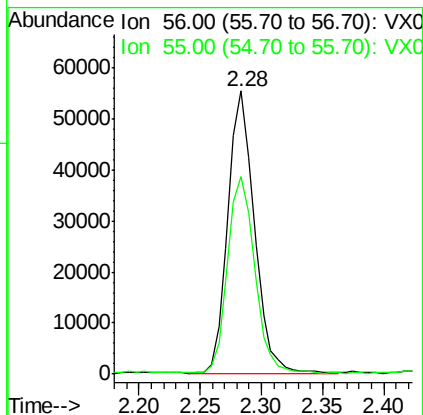
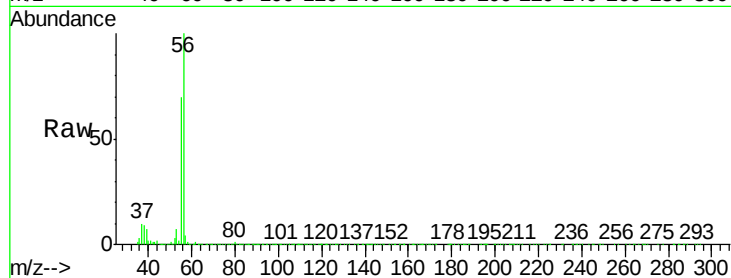
56 100

55 71.7 55.0 82.6

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#14

Allyl chloride

Concen: 19.812 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

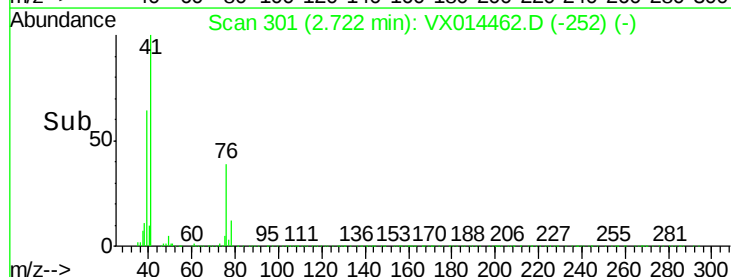
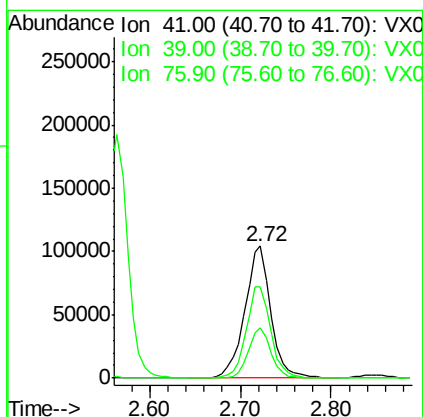
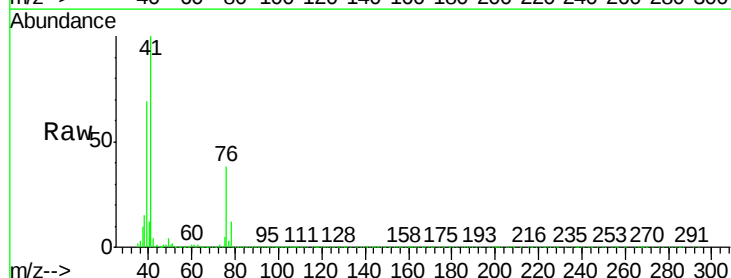
Tgt Ion: 41 Resp: 204049

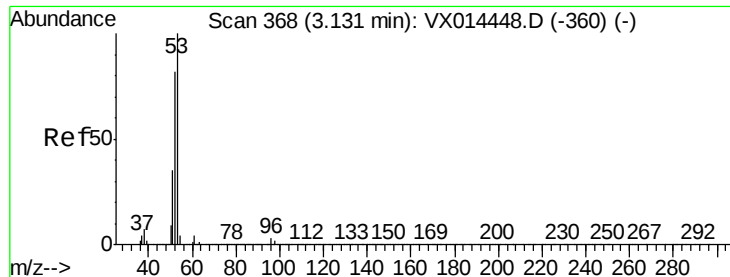
Ion Ratio Lower Upper

41 100

39 65.7 51.7 77.5

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 99.694 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

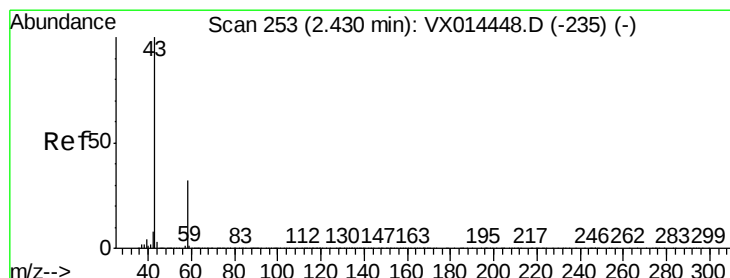
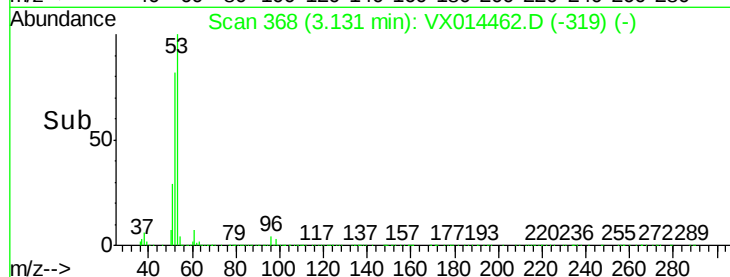
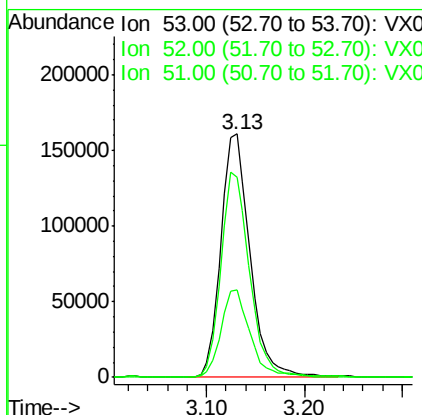
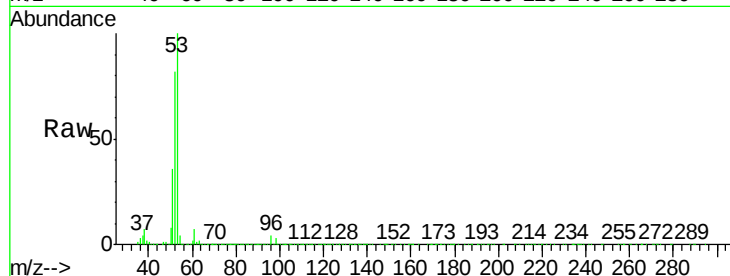
ClientSampleId :

VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	35.7	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 101.527 ug/l

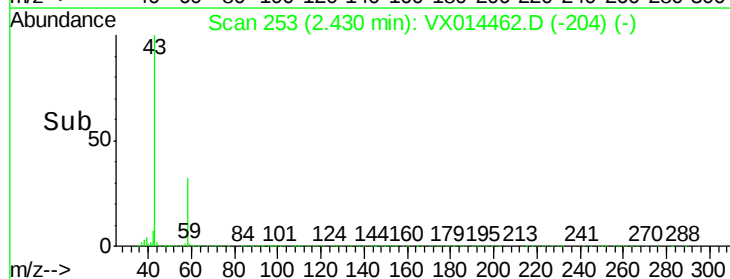
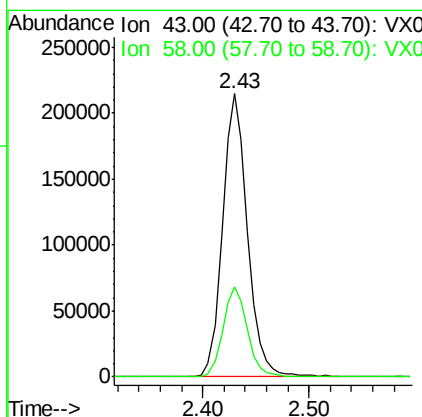
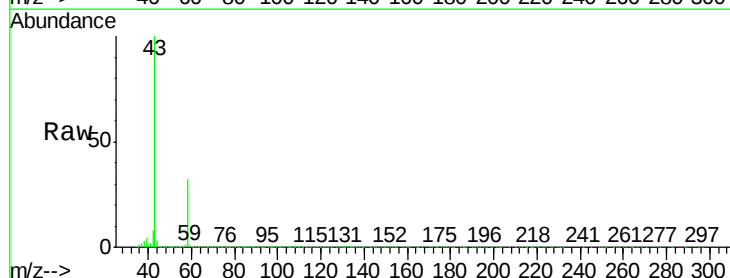
RT: 2.43 min Scan# 253

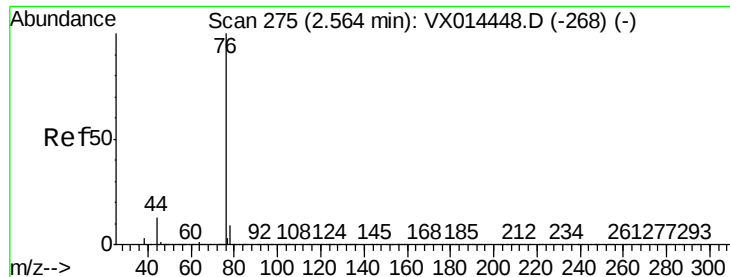
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.0





#17

Carbon Disulfide

Concen: 19.186 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 76 Resp: 314035

Ion Ratio Lower Upper

76 100

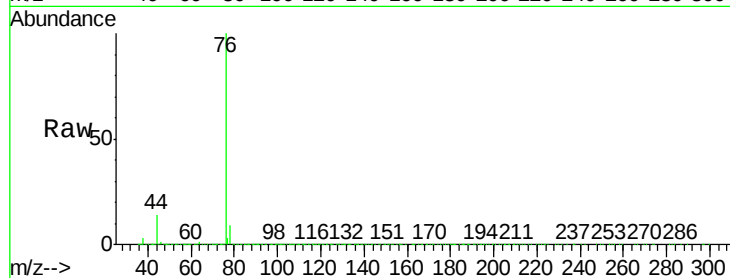
78 9.0 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

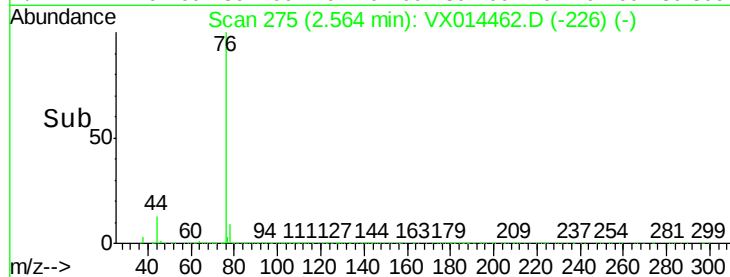
150000

100000

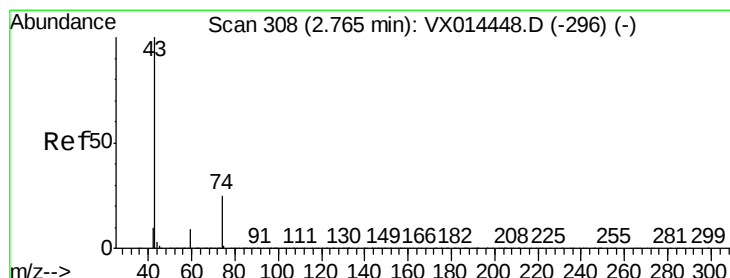
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 21.057 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014462.D

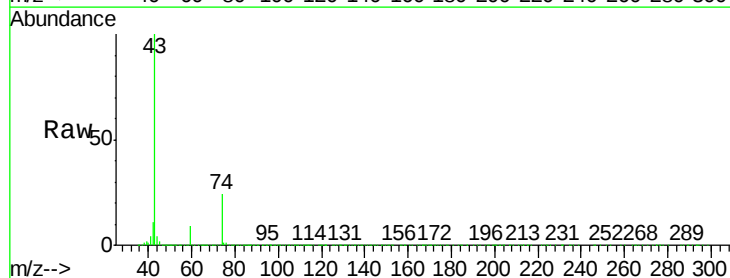
Acq: 08 Jan 2020 11:32

Tgt Ion: 43 Resp: 200667

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

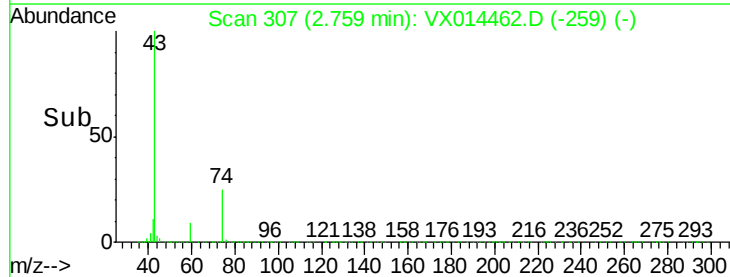
60000

40000

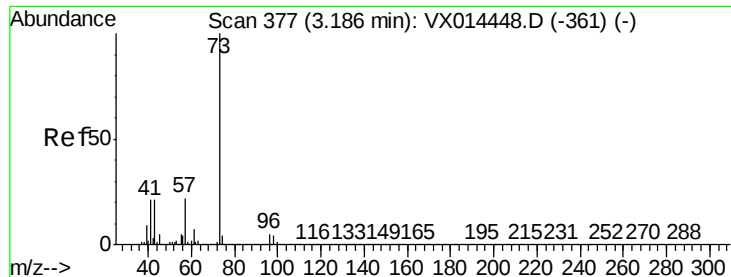
20000

0

Time-->



Time-->



#19

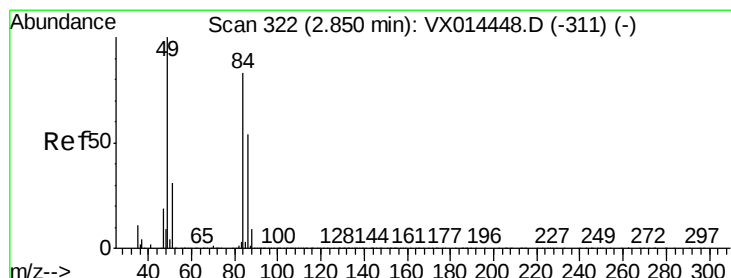
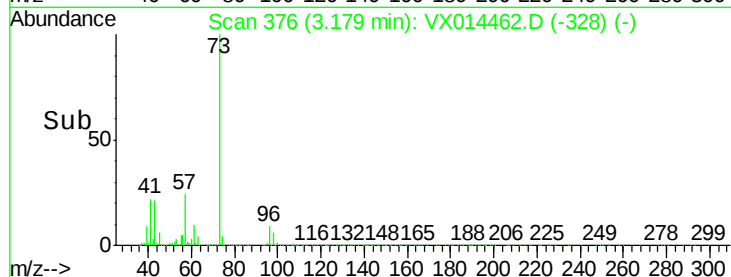
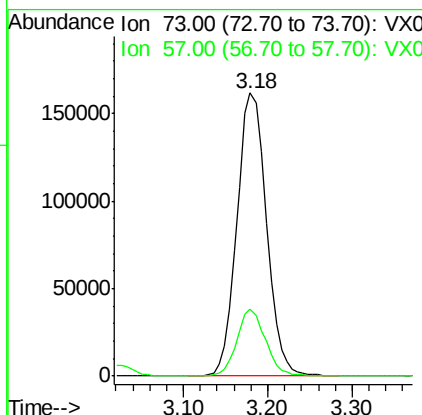
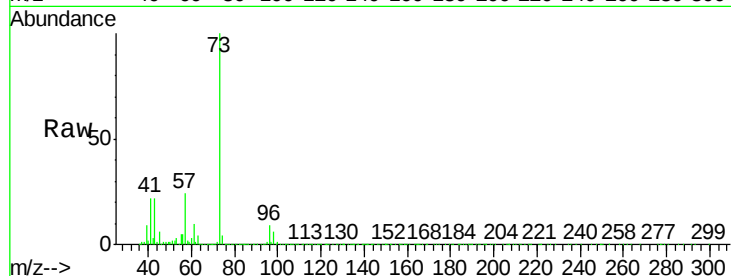
Methyl tert-butyl Ether
Concen: 20.320 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.8	26.8

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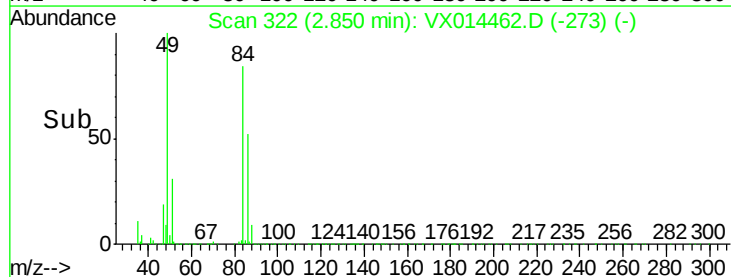
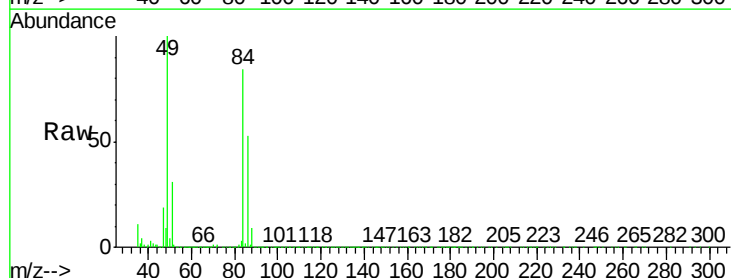
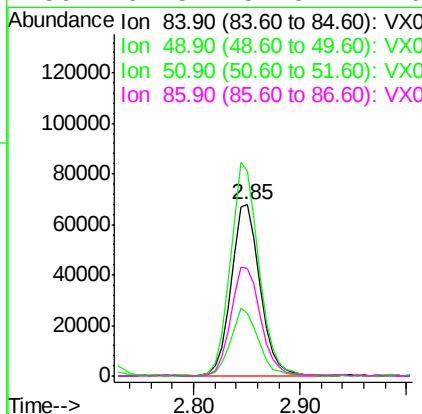
apatel
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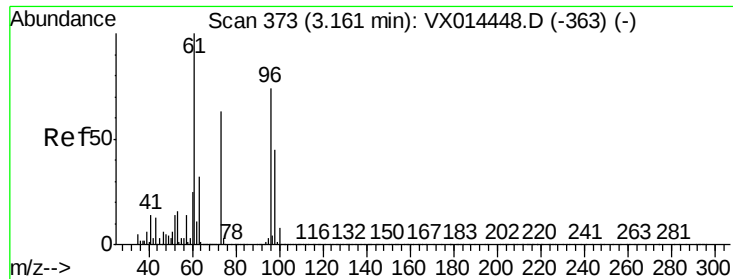


#20

Methylene Chloride
Concen: 19.421 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	95.8	143.8
51	36.6	30.2	45.4
86	62.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 19.511 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

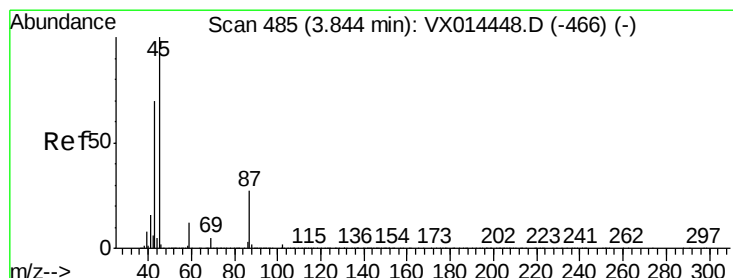
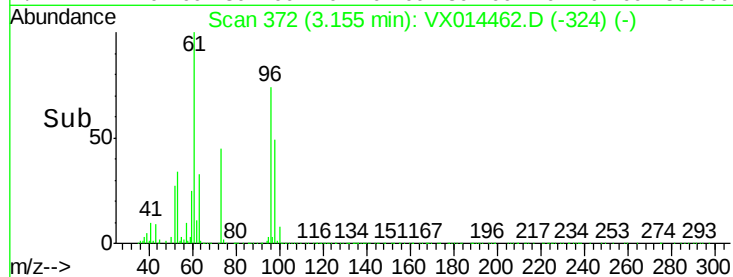
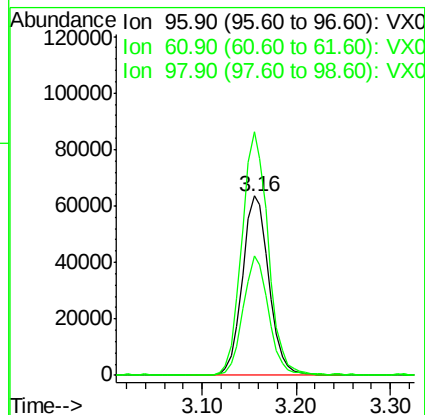
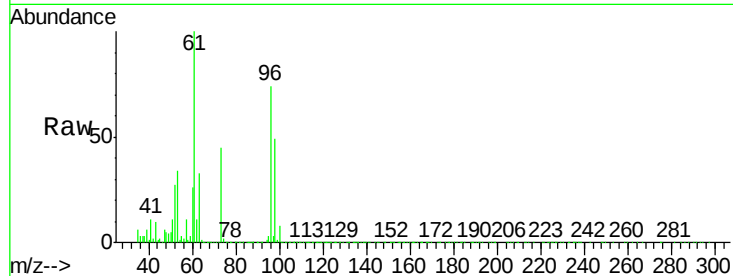
ClientSampleId :

VX0108WBS01

Tgt Ion:	96	Resp:	124949
Ion Ratio	Lower	Upper	
96	100		
61	135.6	108.2	162.4
98	66.4	48.8	73.2

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#22

Diisopropyl ether

Concen: 20.669 ug/l

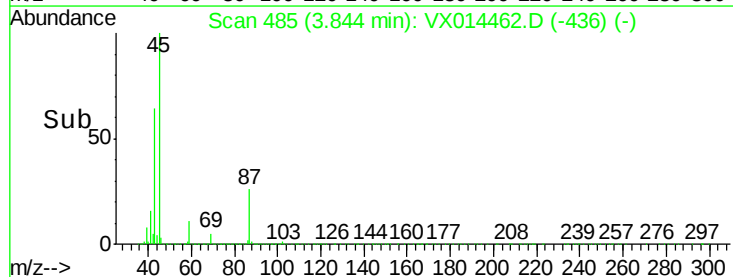
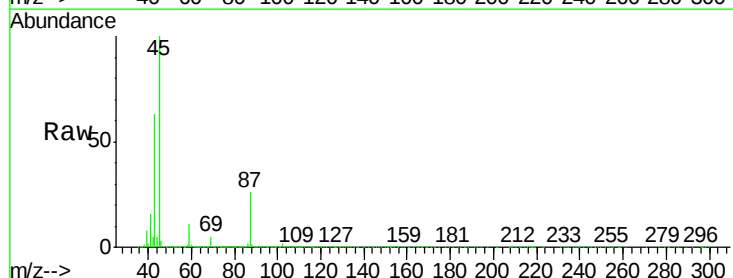
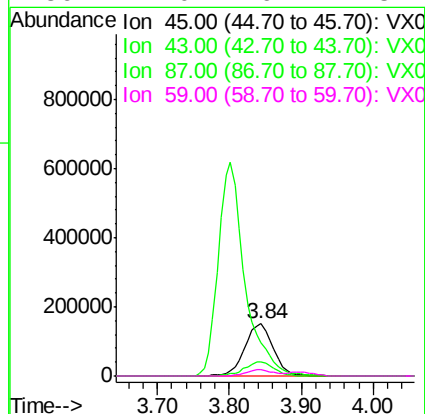
RT: 3.84 min Scan# 485

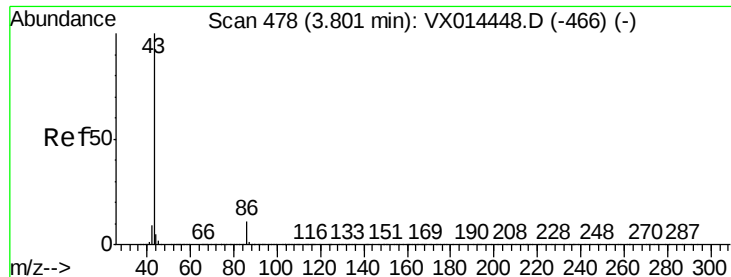
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	45	Resp:	411386
Ion Ratio	Lower	Upper	
45	100		
43	63.3	55.8	83.6
87	25.9	21.8	32.8
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 103.531 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 43 Resp: 1595350

Ion Ratio Lower Upper

43 100

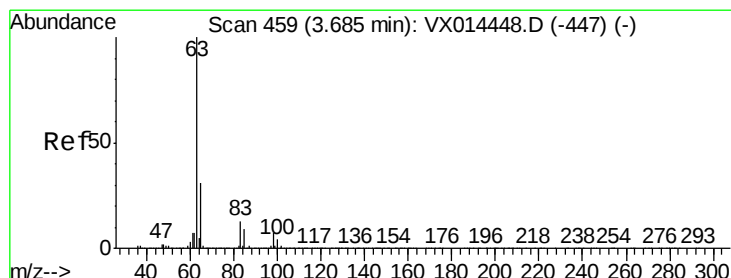
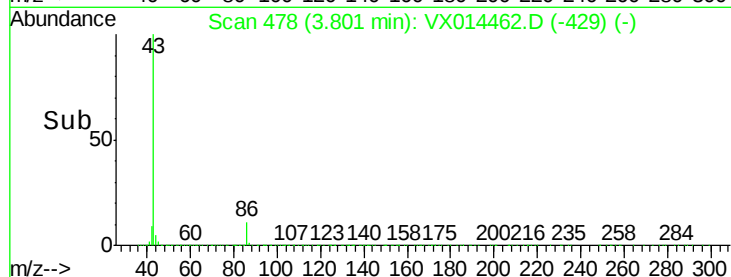
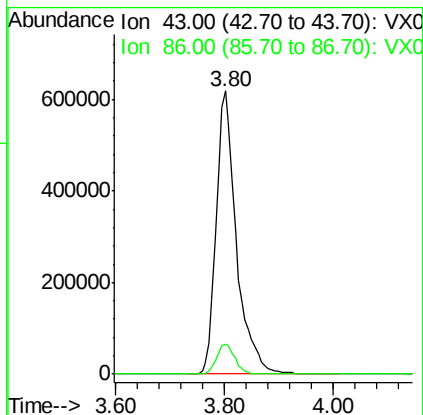
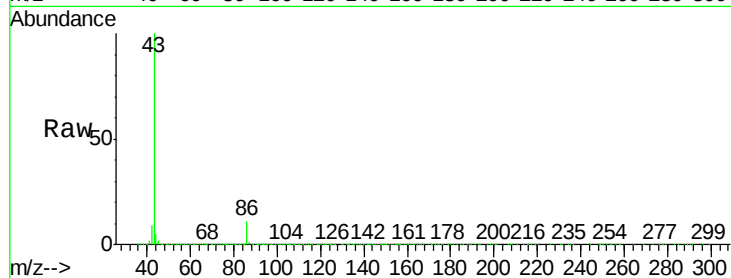
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 20.471 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

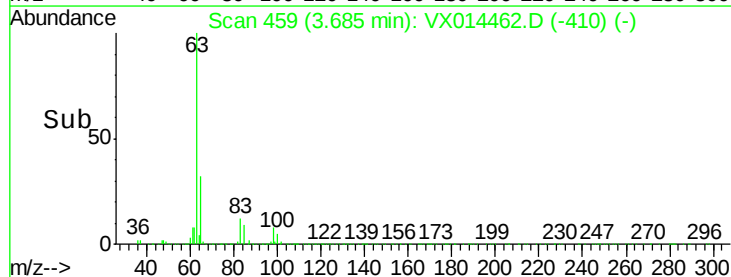
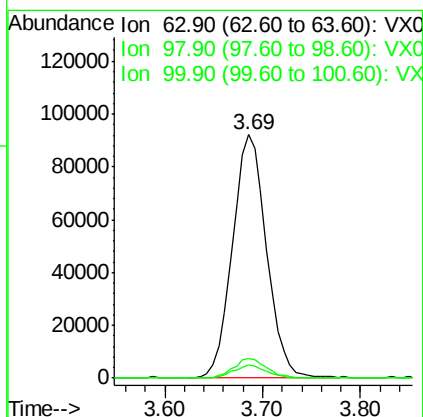
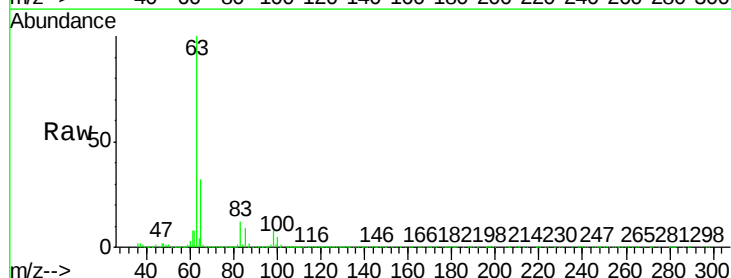
Tgt Ion: 63 Resp: 221639

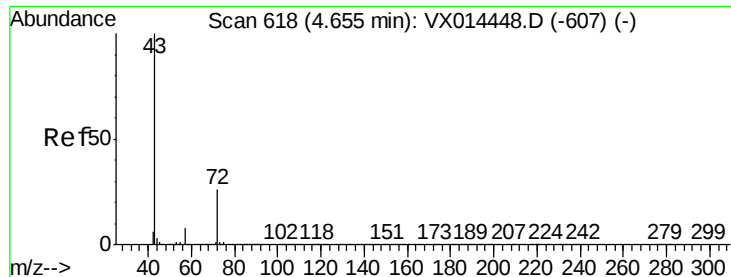
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 5.4 2.3 6.8





#25

2-Butanone

Concen: 99.738 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 43 Resp: 493985

Ion Ratio Lower Upper

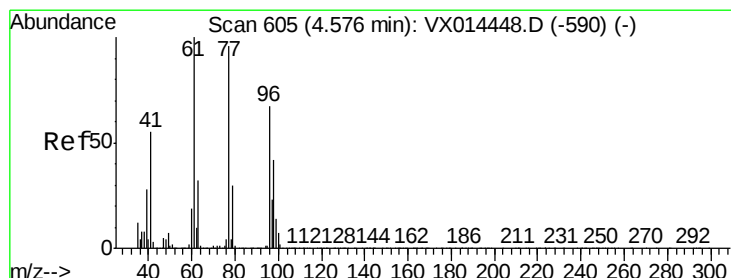
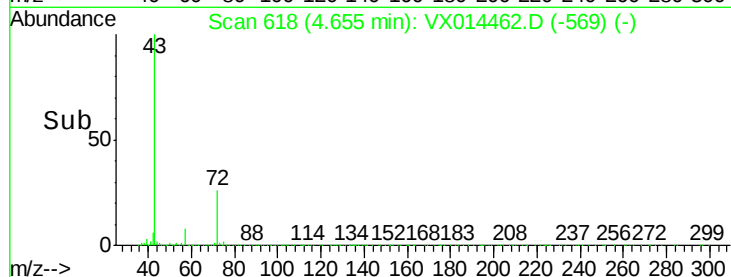
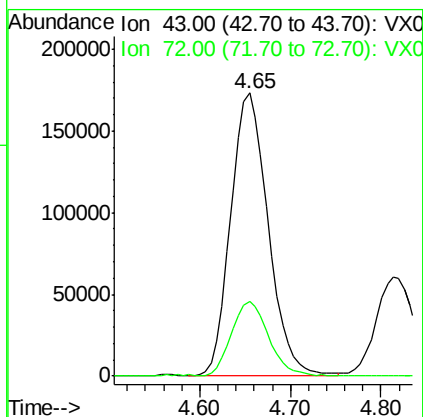
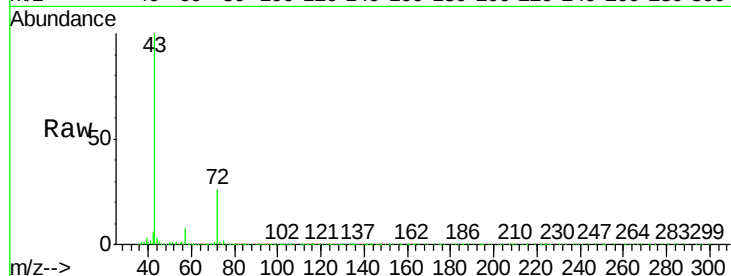
43 100

72 26.2 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 20.075 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014462.D

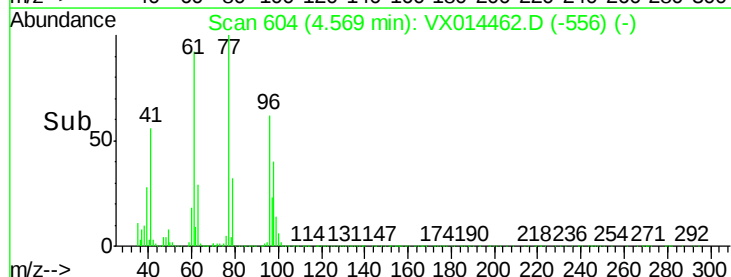
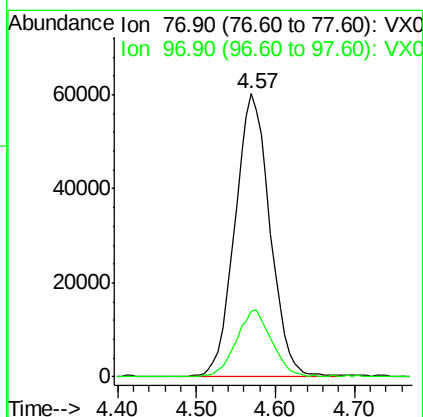
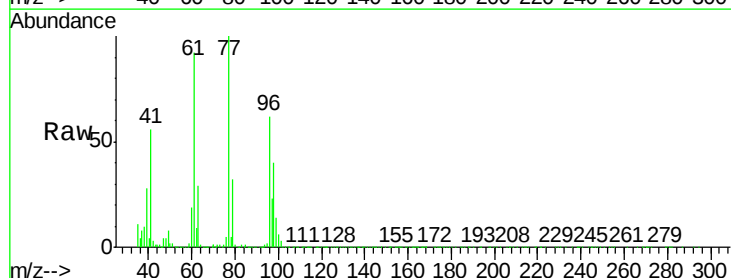
Acq: 08 Jan 2020 11:32

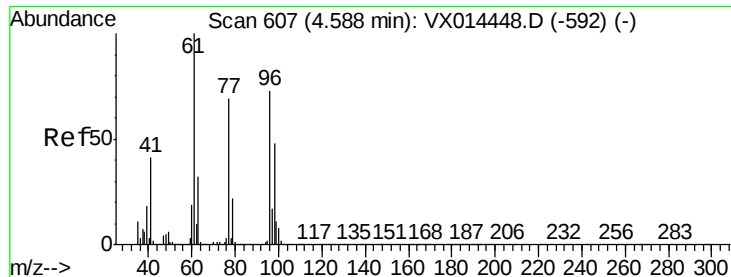
Tgt Ion: 77 Resp: 184131

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

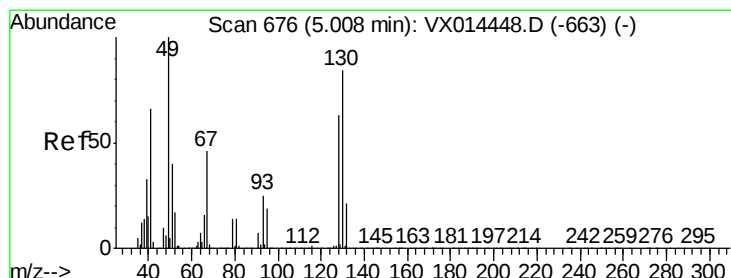
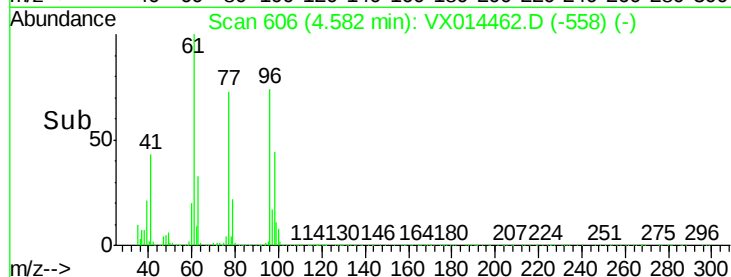
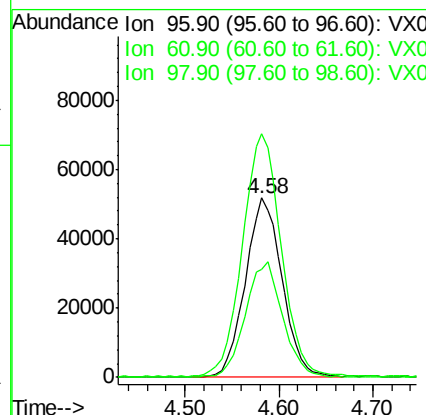
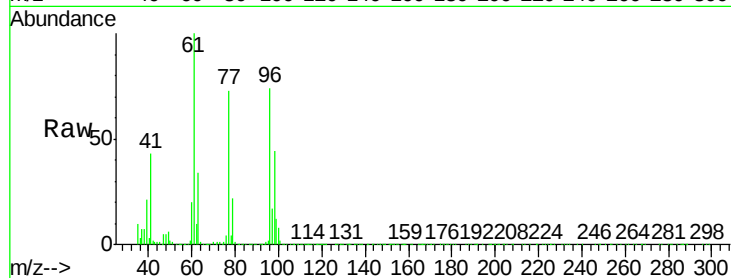
cis-1,2-Dichloroethene
Concen: 19.679 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140883		
61	144.0	0.0	285.4	
98	65.3	0.0	130.6	

Manual Integrations
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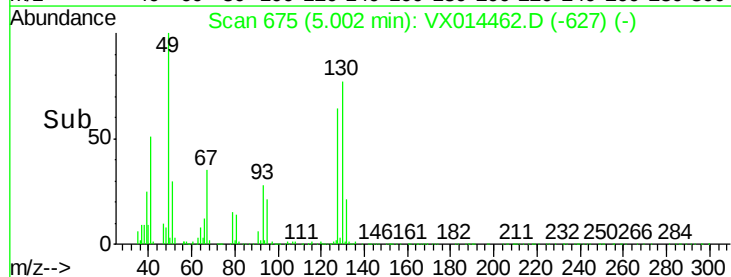
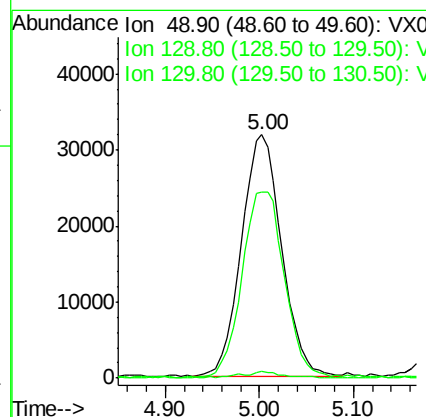
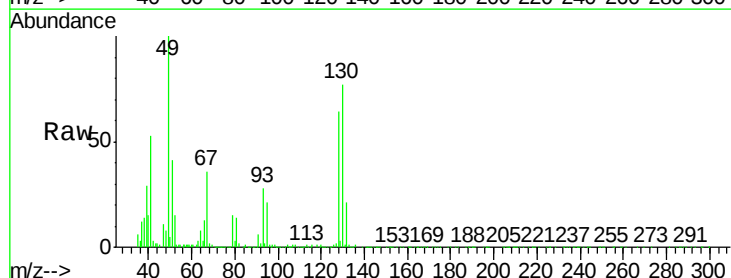
apatel
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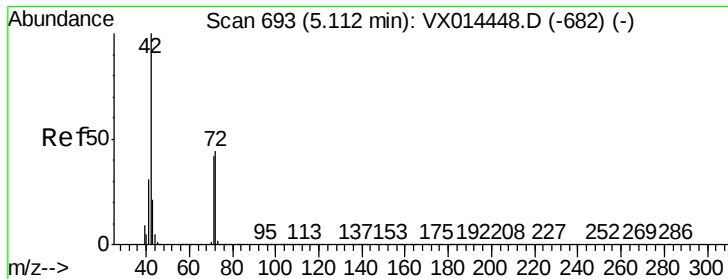


#28

Bromochloromethane
Concen: 20.972 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95679		
129	2.9	0.0	4.4	
130	80.5	67.0	100.4	





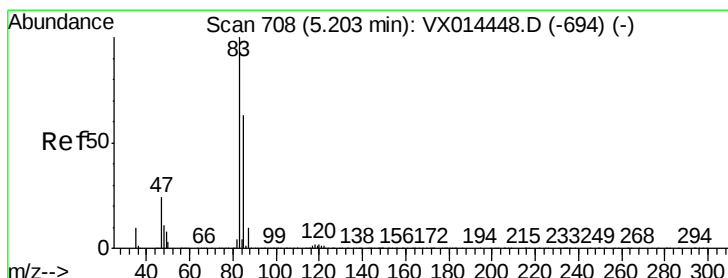
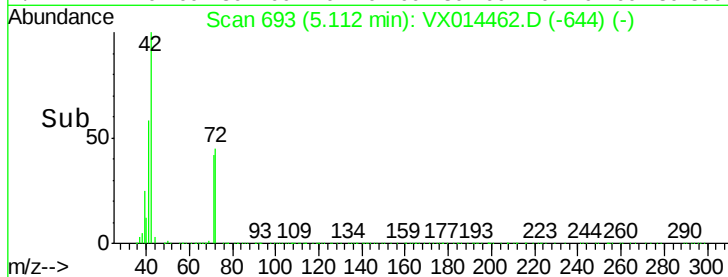
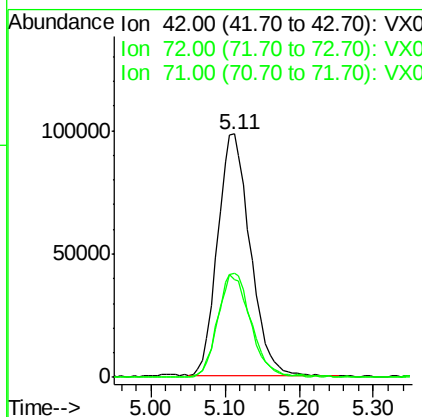
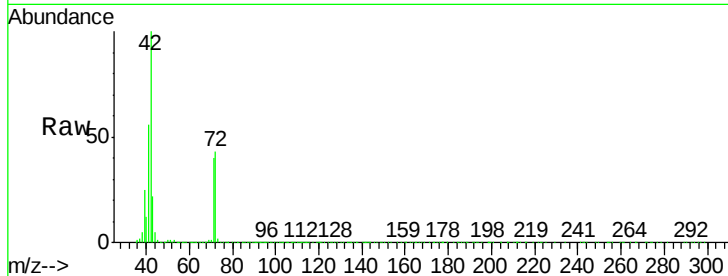
#29
Tetrahydrofuran
Concen: 102.224 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.2	54.4
71	42.5	34.1	51.1

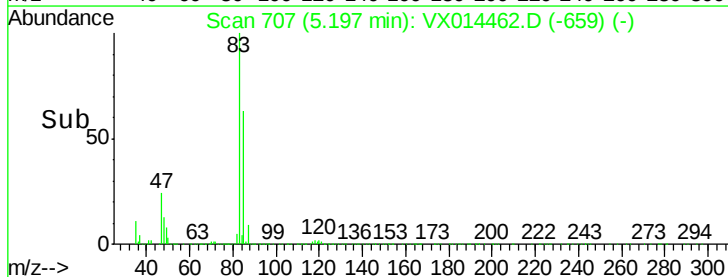
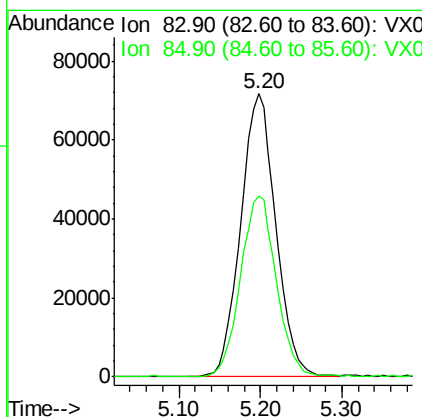
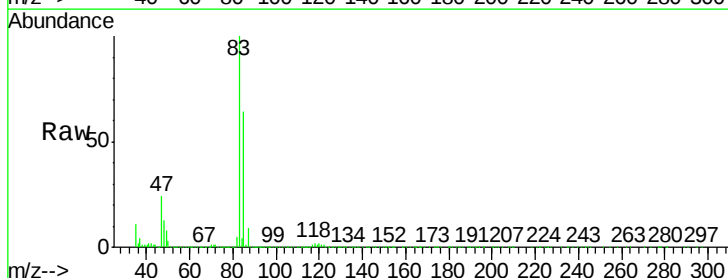
Manual Integrations
APPROVED

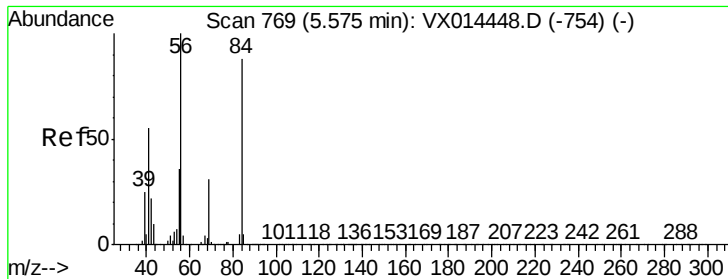
apatel
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#30
Chloroform
Concen: 20.280 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8





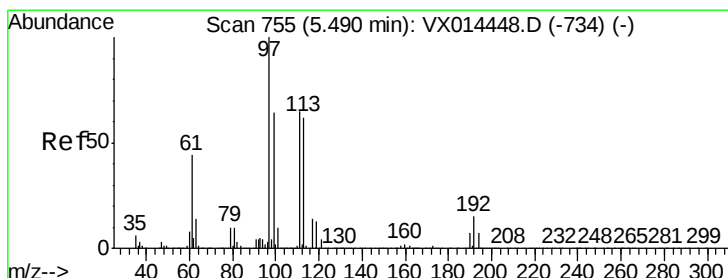
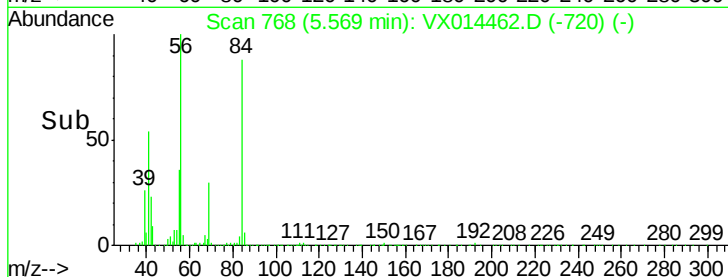
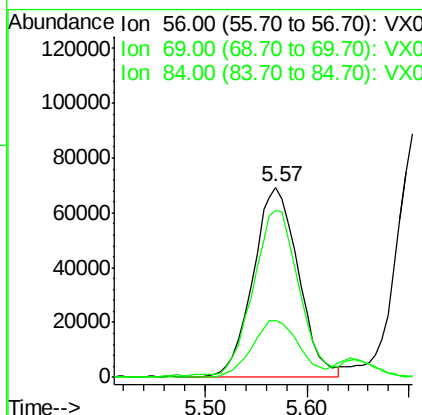
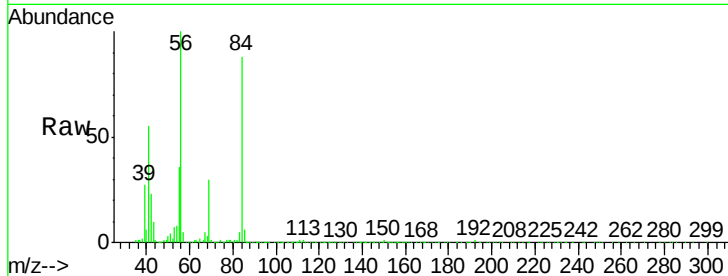
#31
Cyclohexane
Concen: 20.986 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.4	36.6
84	87.2	70.6	106.0

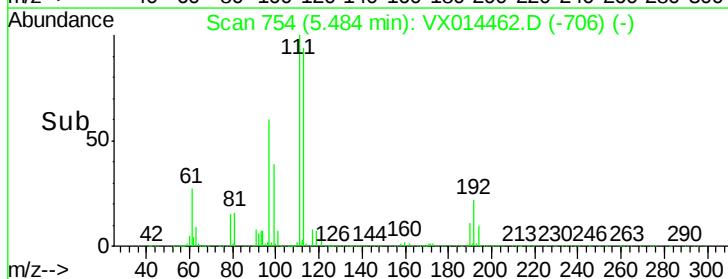
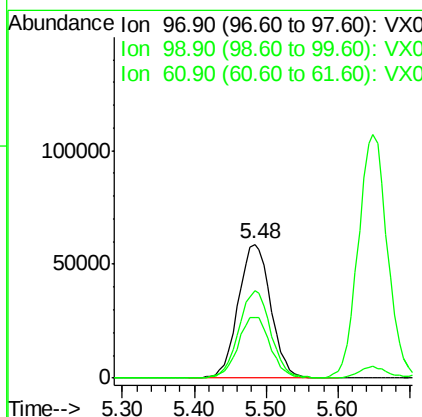
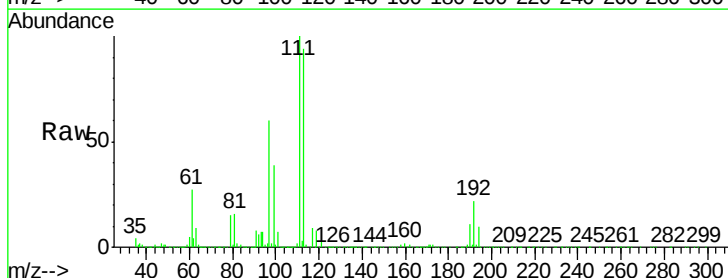
Manual Integrations
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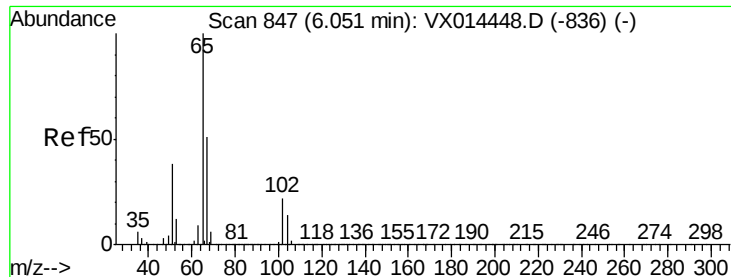
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#32
1,1,1-Trichloroethane
Concen: 20.263 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.6
61	45.0	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 49.138 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 65 Resp: 325809

Ion Ratio Lower Upper

65 100

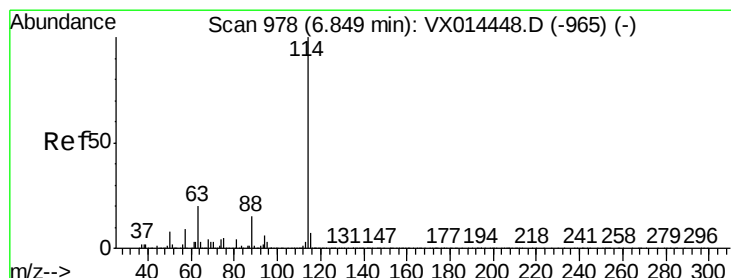
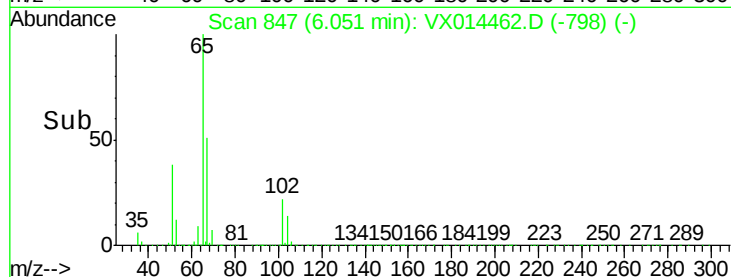
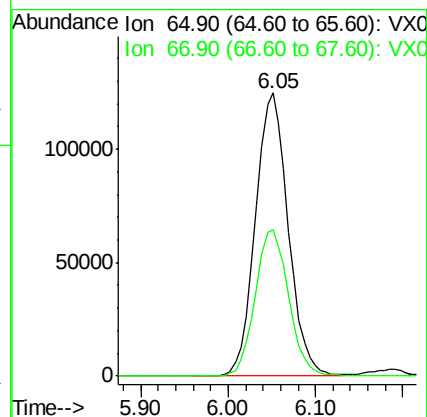
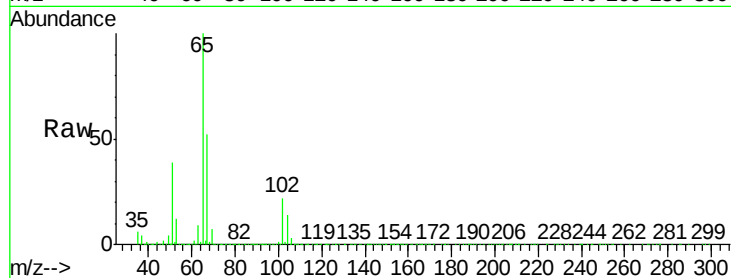
67 52.2 0.0 106.2

Manual Integrations

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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: VX014462.D

Acq: 08 Jan 2020 11:32

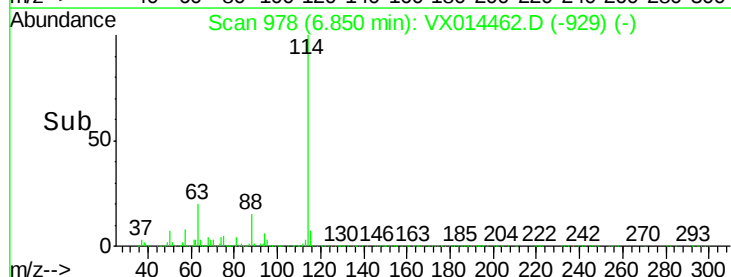
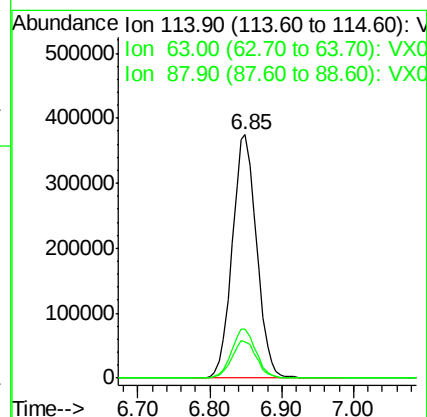
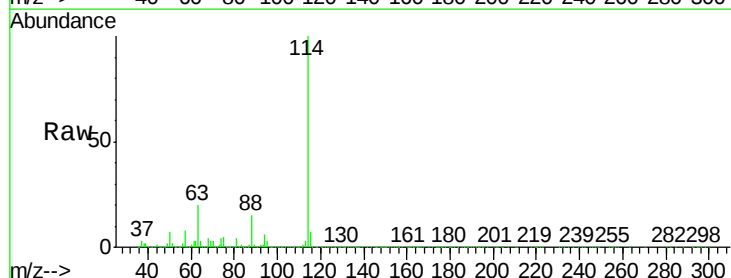
Tgt Ion: 114 Resp: 880565

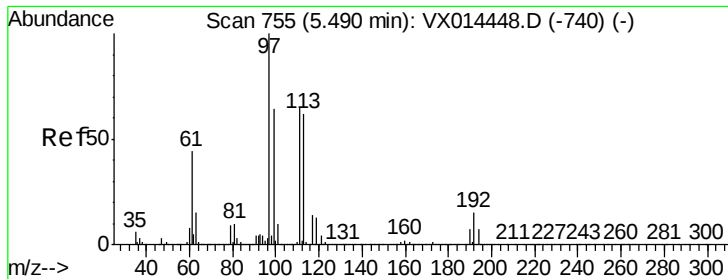
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

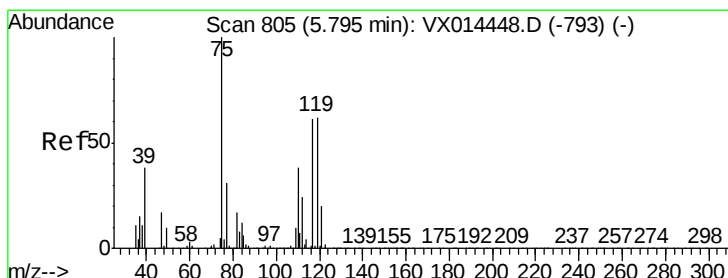
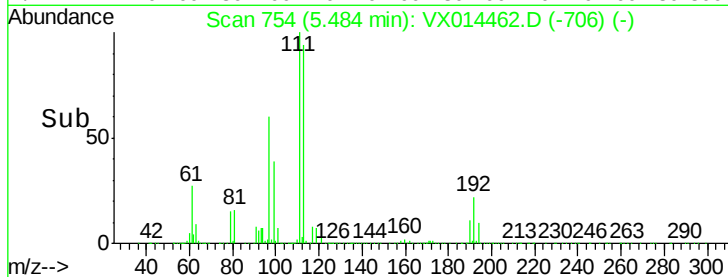
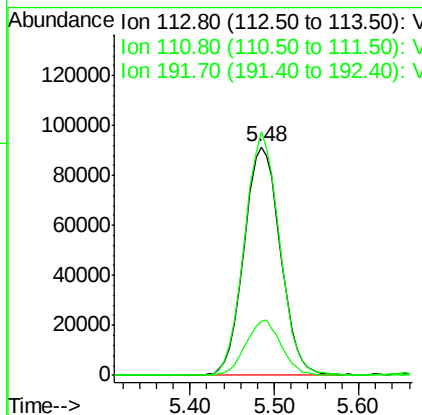
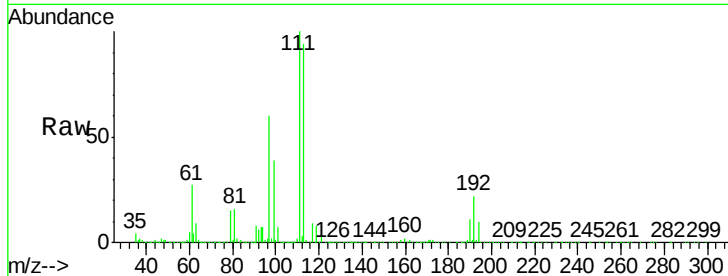
ClientSampleId :

VX0108WBS01

Tgt Ion:	113	Resp:	266721
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.5	122.3
192	23.7	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.947 ug/l

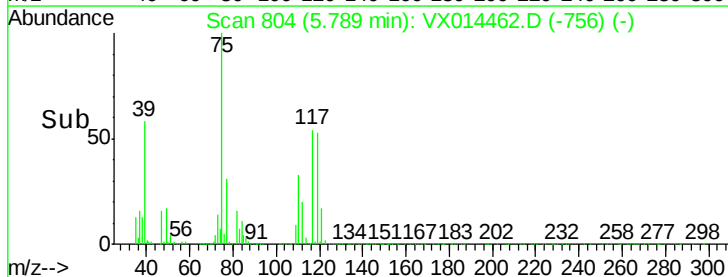
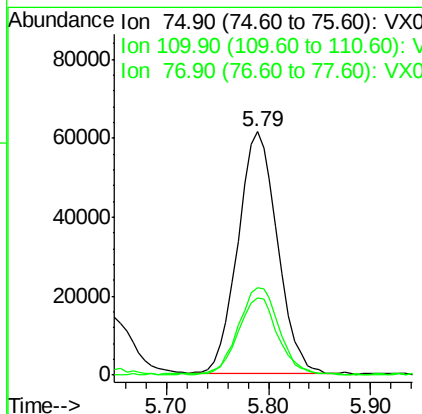
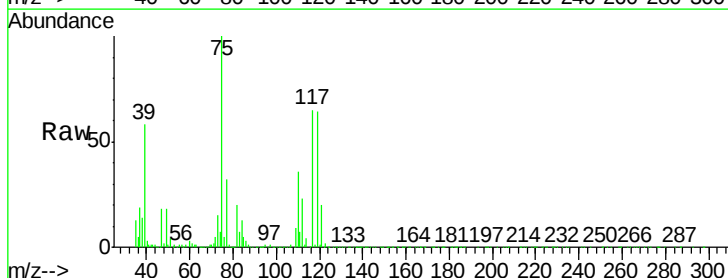
RT: 5.79 min Scan# 804

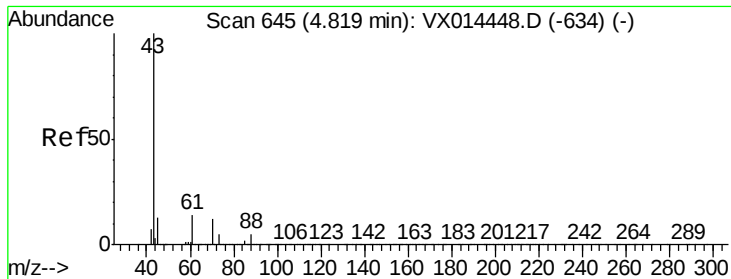
Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	75	Resp:	165177
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	55.8
77	31.5	24.5	36.7





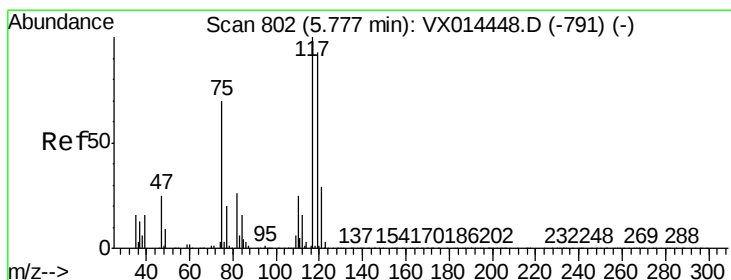
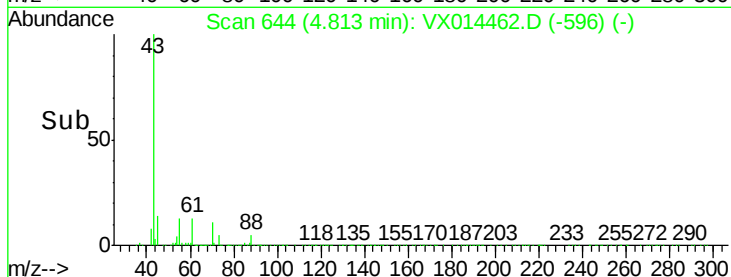
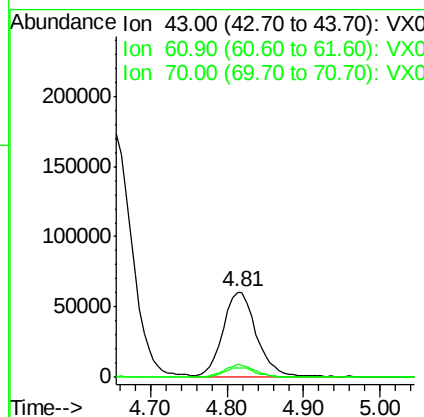
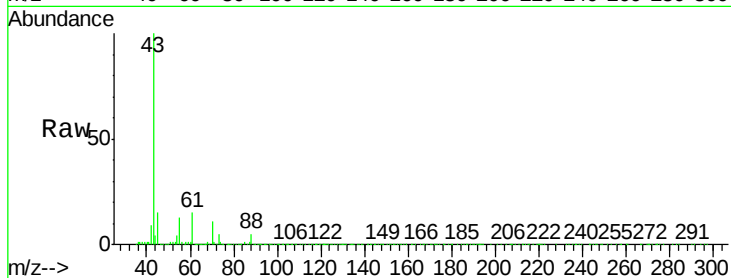
#37
Ethyl Acetate
Concen: 20.380 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	10.5	8.9	13.3

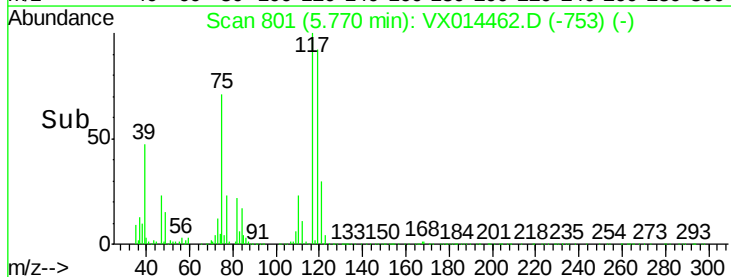
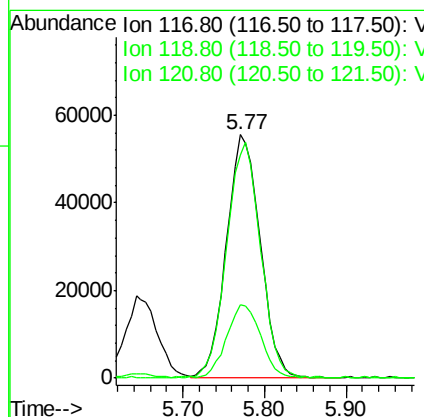
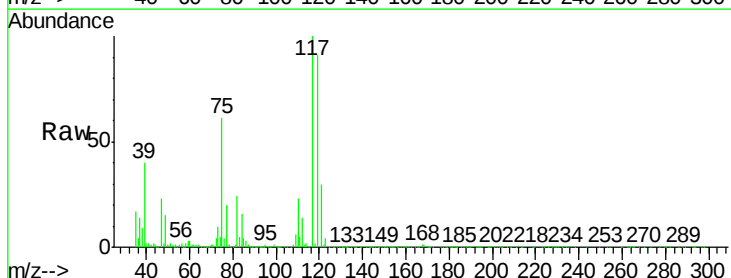
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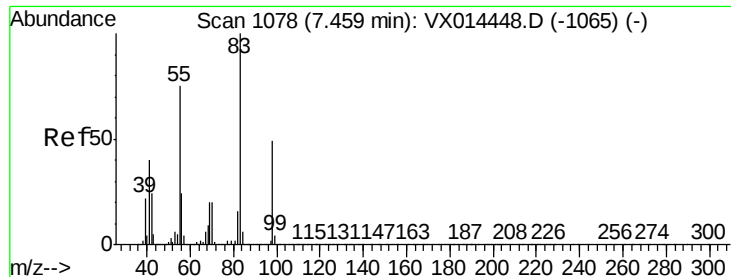
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#38
Carbon Tetrachloride
Concen: 20.851 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.8	110.8
121	29.6	23.4	35.0





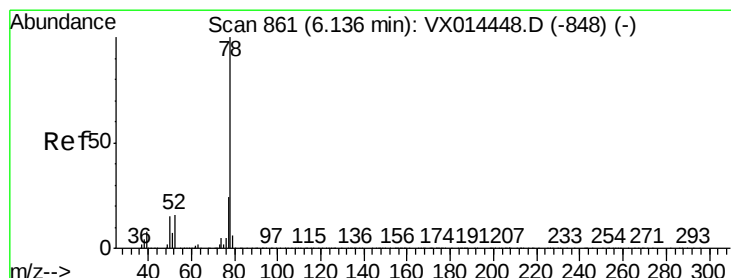
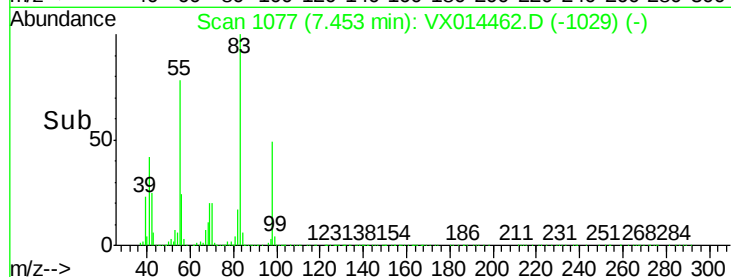
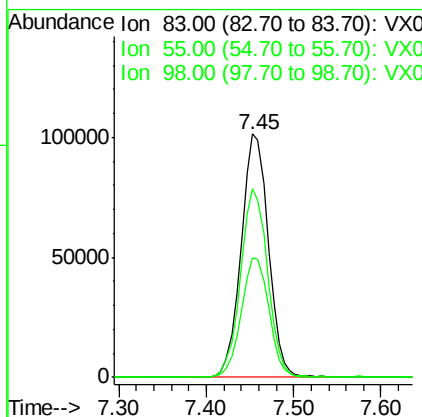
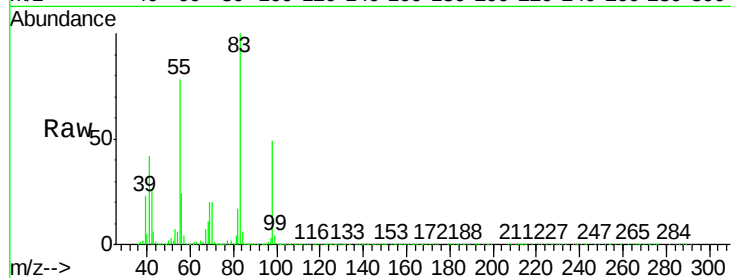
#39
Methylcyclohexane
Concen: 21.009 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	218572		
55	77.5	59.7	89.5	
98	48.9	39.1	58.7	

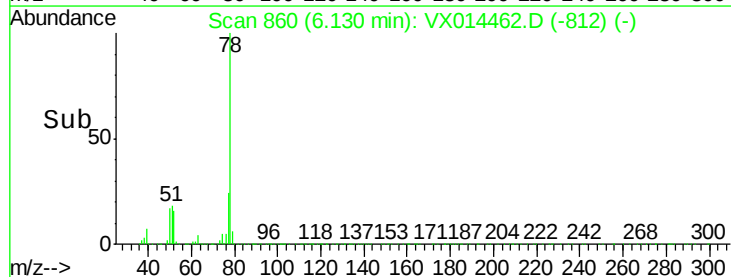
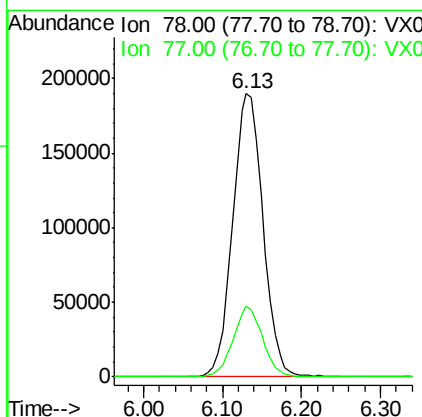
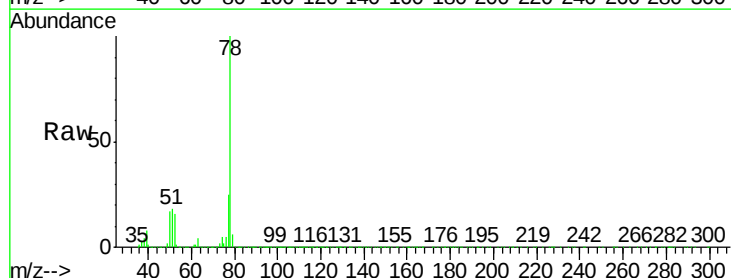
Manual Integrations
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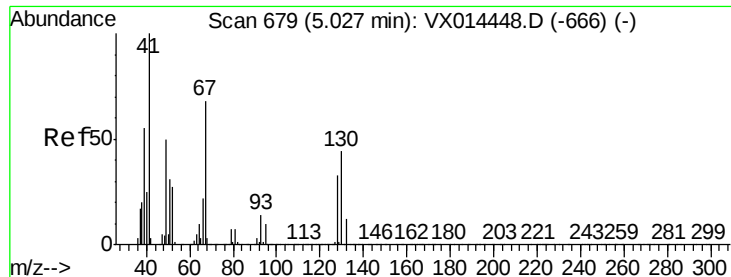
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#40
Benzene
Concen: 20.612 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	506601		
77	24.7	19.5	29.3	





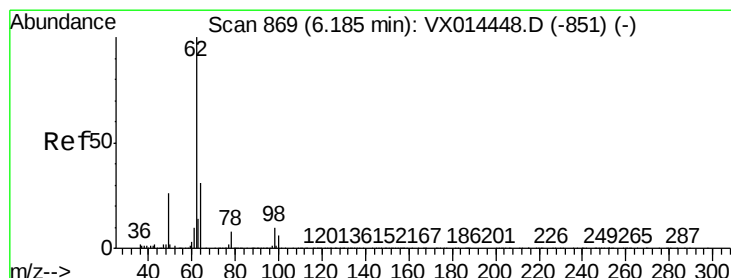
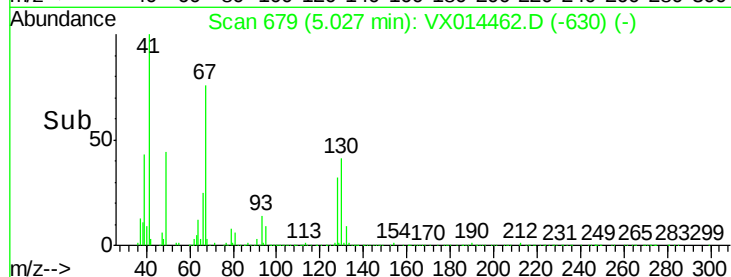
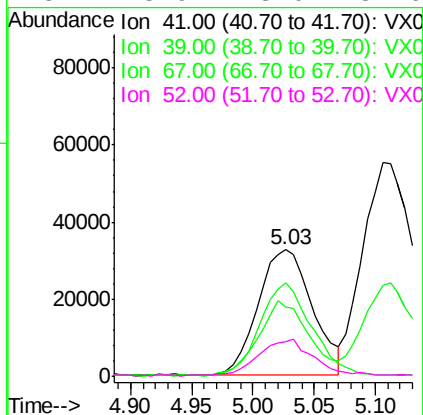
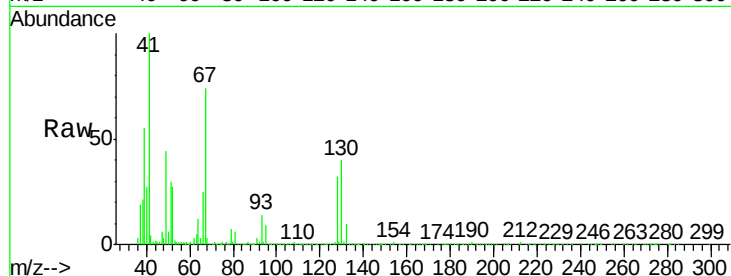
#41
Methacrylonitrile
Concen: 21.119 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	43.6	65.4	
67	70.5	57.9	86.9	
52	28.9	23.0	34.6	

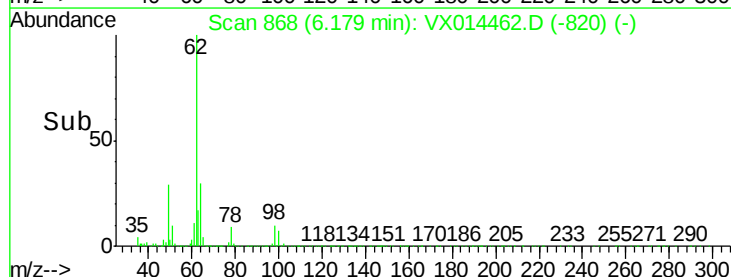
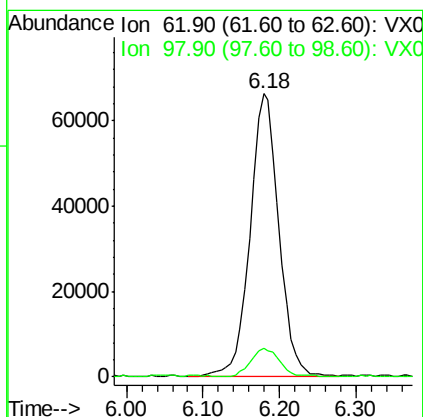
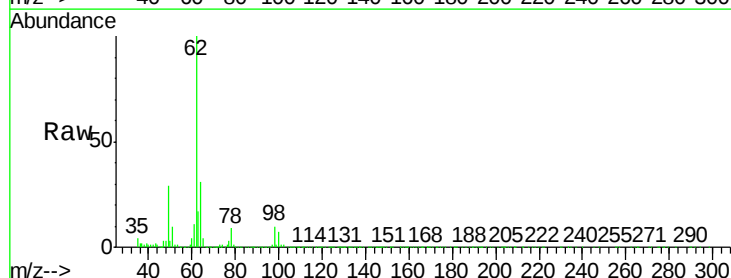
Manual Integrations
APPROVED

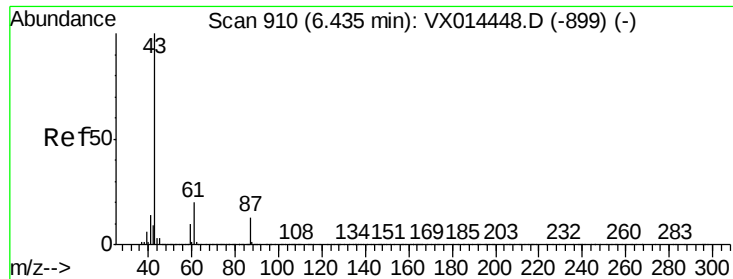
apatel
1/9/2020 2:33:39 PM



#42
1,2-Dichloroethane
Concen: 20.046 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.4	





#43

Isopropyl Acetate

Concen: 20.787 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

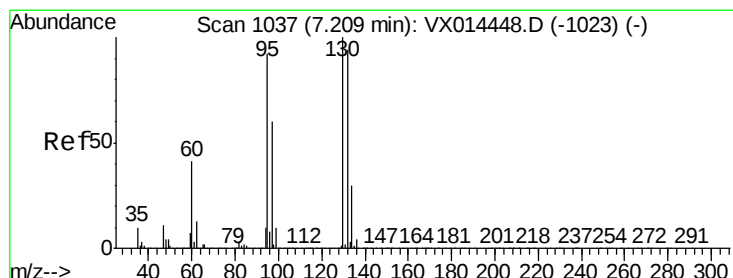
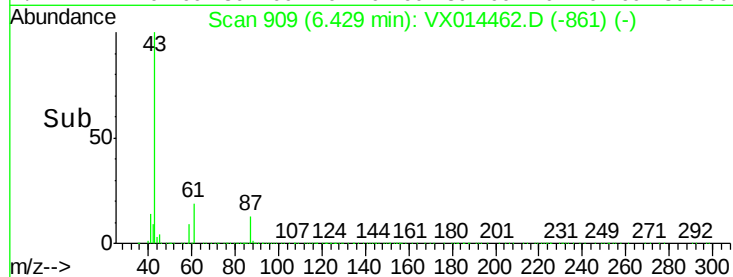
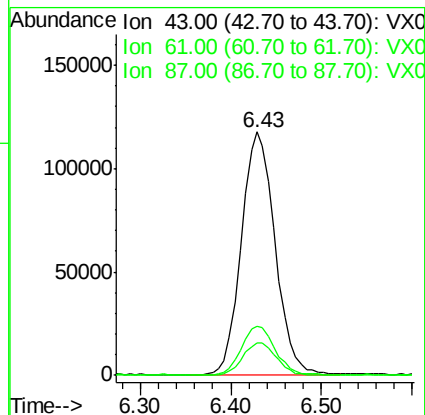
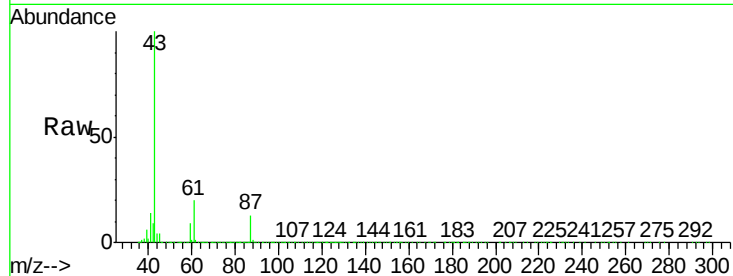
ClientSampleId :

VX0108WBS01

Tgt Ion:	43	Resp:	302050
Ion Ratio		Lower	Upper
43	100		
61	20.0	16.6	24.8
87	13.1	10.8	16.2

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#44

Trichloroethene

Concen: 20.247 ug/l

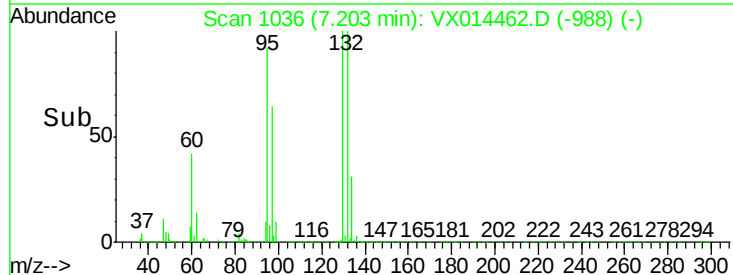
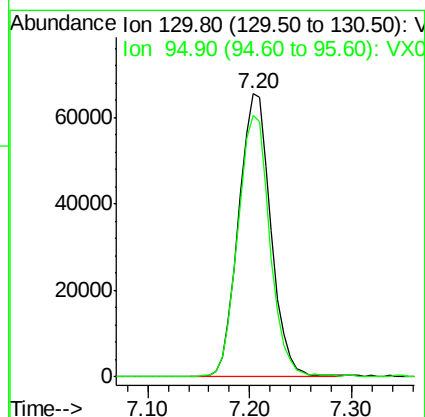
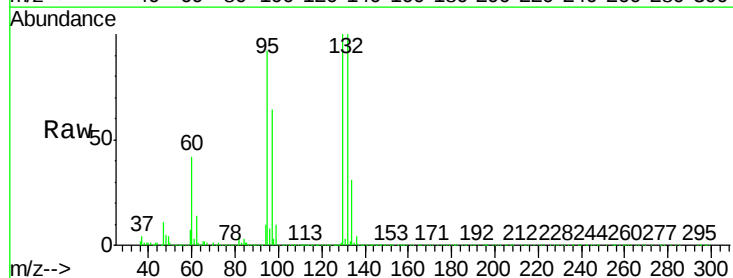
RT: 7.20 min Scan# 1036

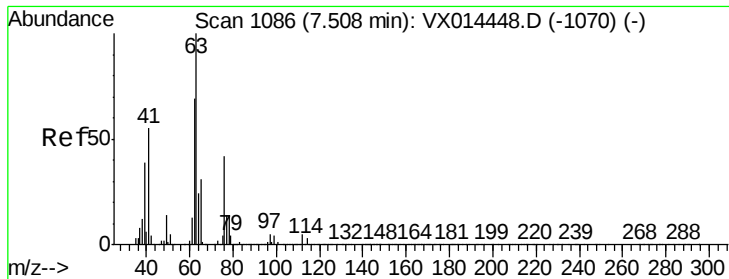
Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	130	Resp:	143007
Ion Ratio		Lower	Upper
130	100		
95	92.4	0.0	184.2





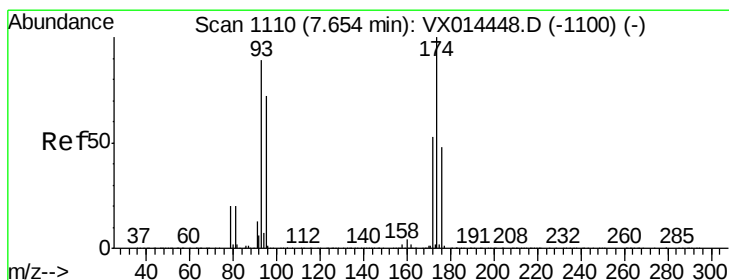
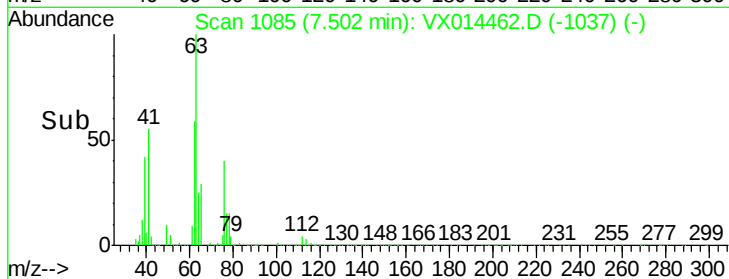
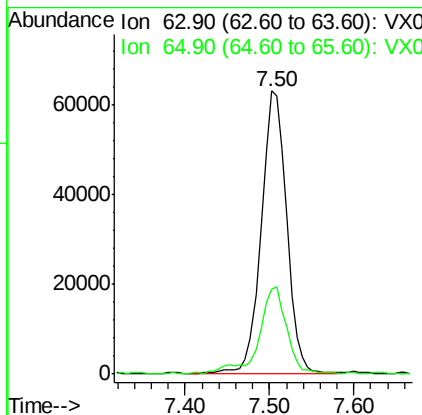
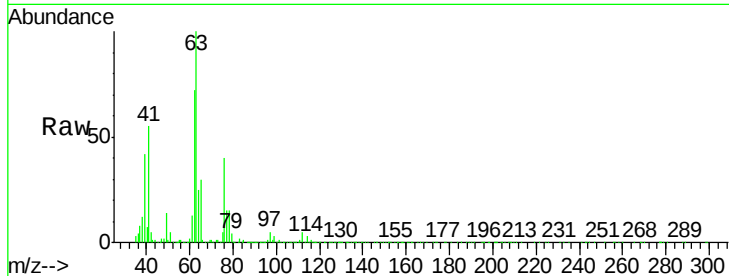
#45
 1,2-Dichloropropane
 Concen: 20.884 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.8	37.2

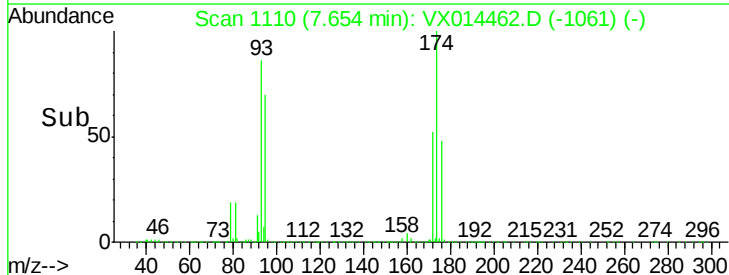
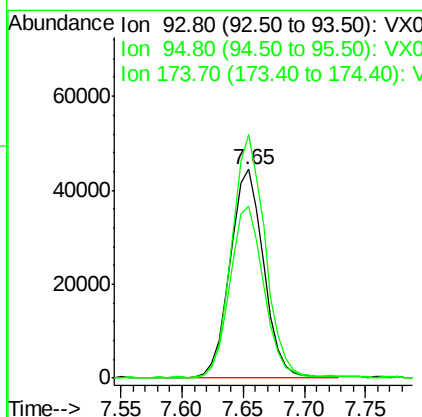
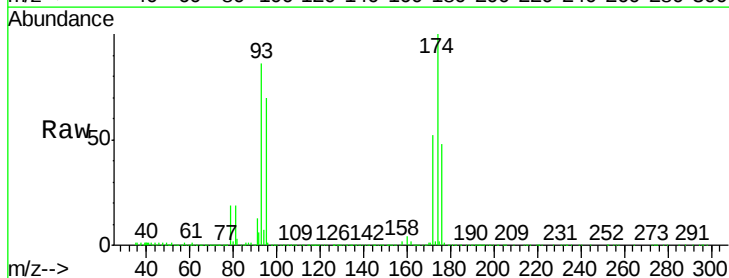
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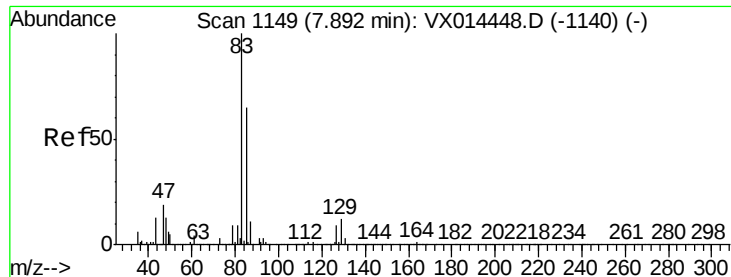
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#46
 Dibromomethane
 Concen: 19.201 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.4	98.2
174	116.9	93.0	139.4





#47

Bromodichloromethane

Concen: 20.766 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

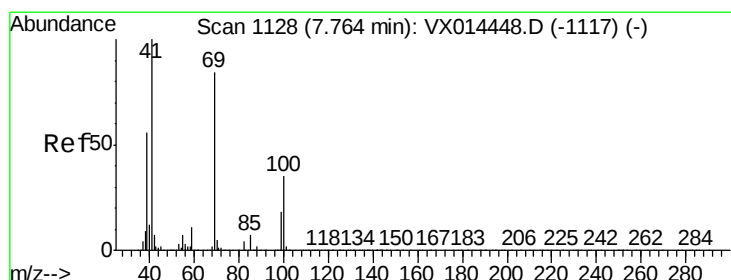
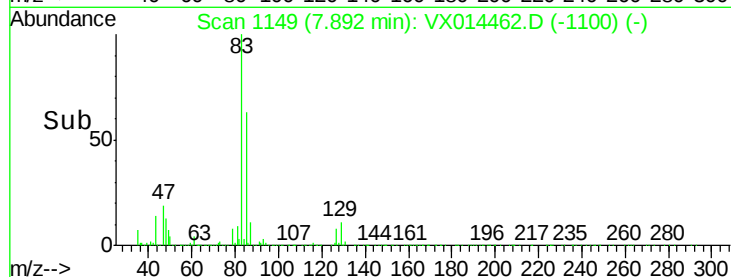
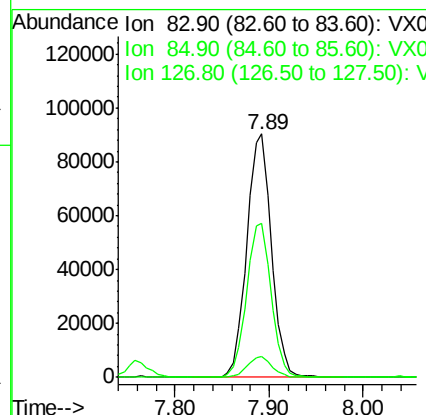
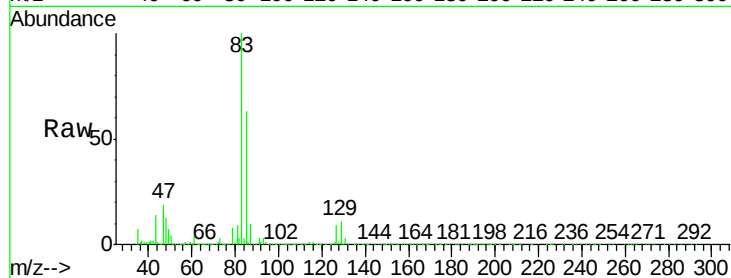
ClientSampleId :

VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	165256		
85	63.0	51.7	77.5	
127	8.4	7.1	10.7	

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.077 ug/l

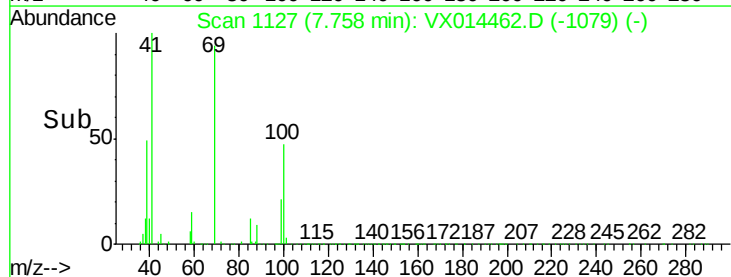
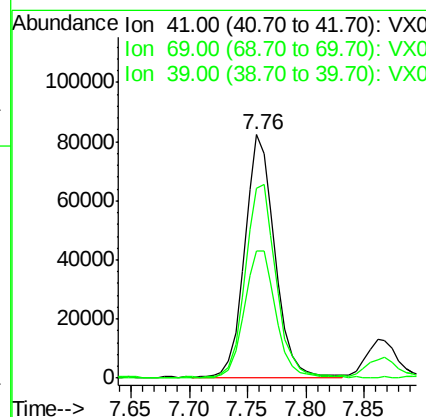
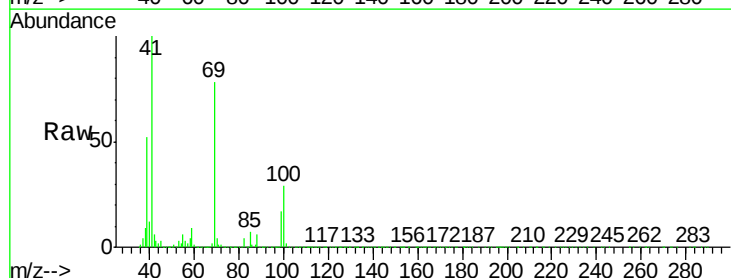
RT: 7.76 min Scan# 1127

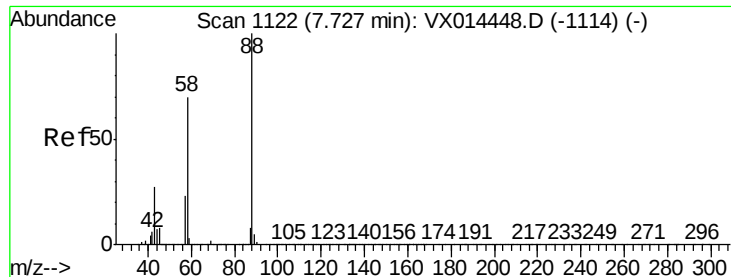
Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	146683		
69	82.0	65.5	98.3	
39	54.7	43.9	65.9	





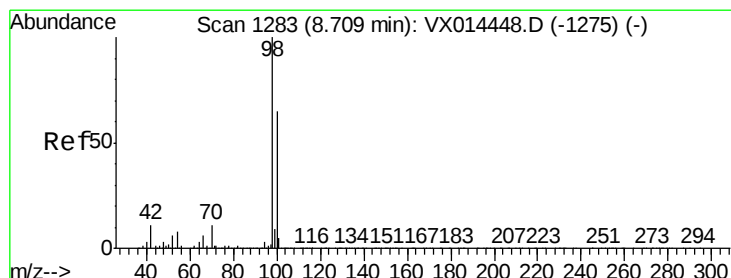
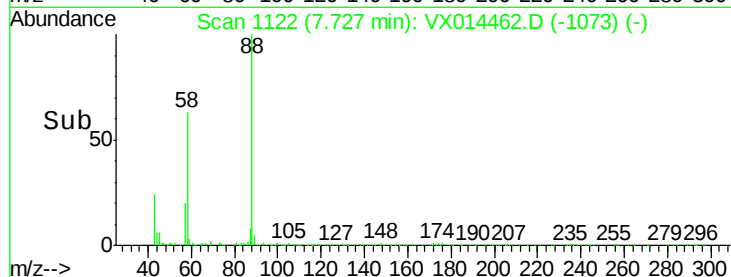
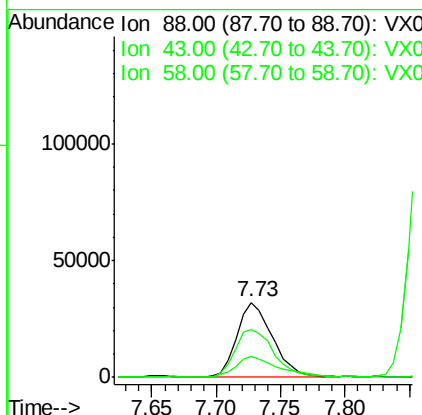
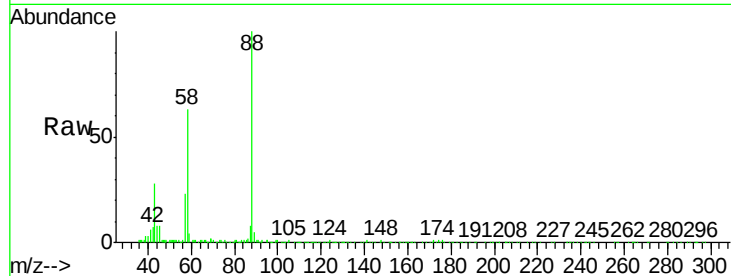
#49
1,4-Dioxane
Concen: 410.123 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.5	27.4	41.0
58	69.9	57.1	85.7

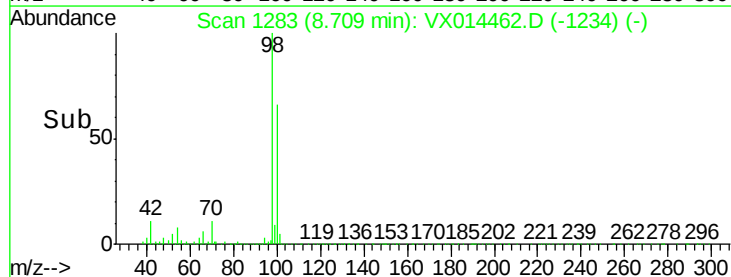
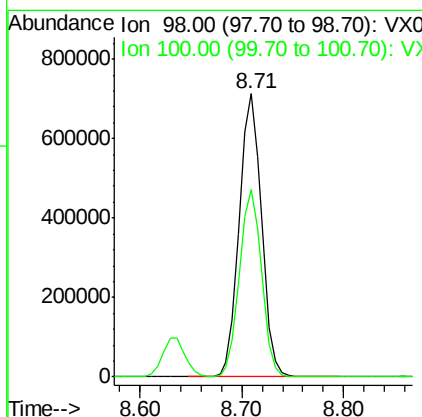
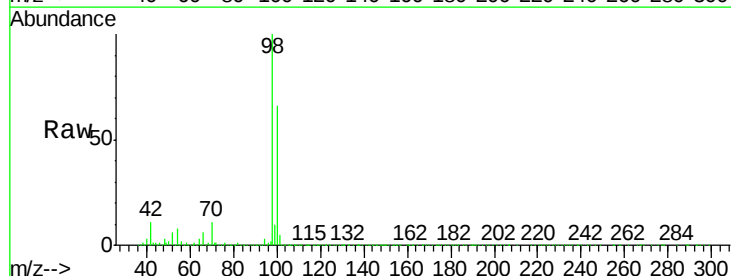
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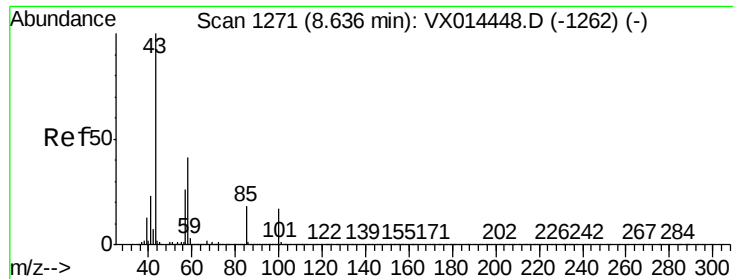
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#50
Toluene-d8
Concen: 51.784 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8





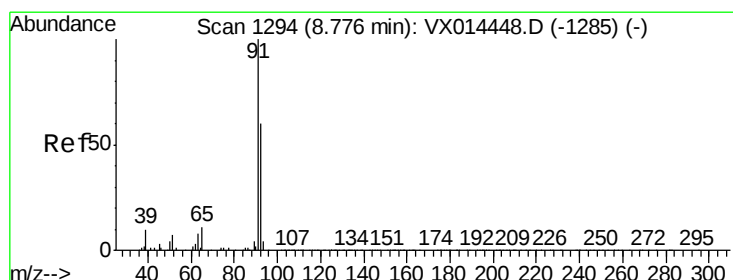
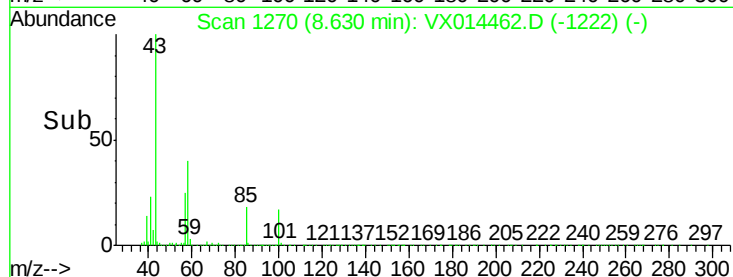
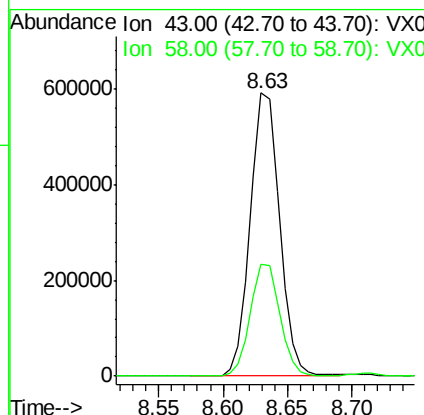
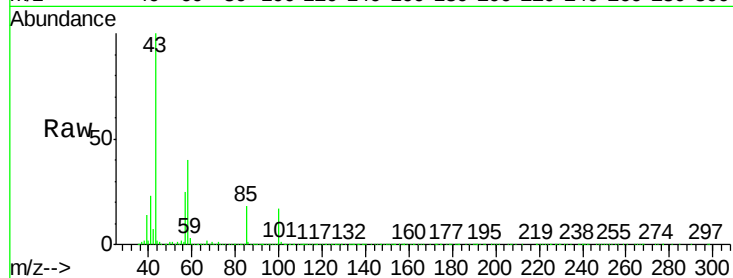
#51
4-Methyl-2-Pentanone
Concen: 105.102 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.4	48.6

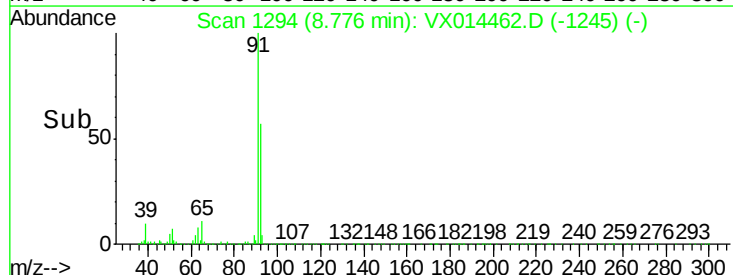
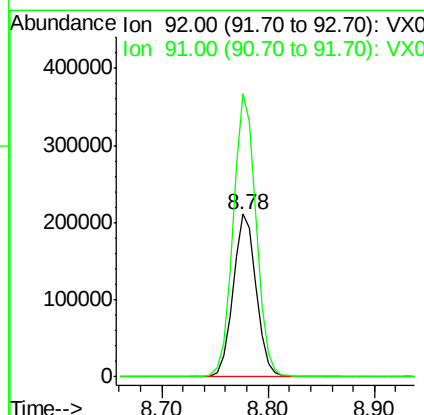
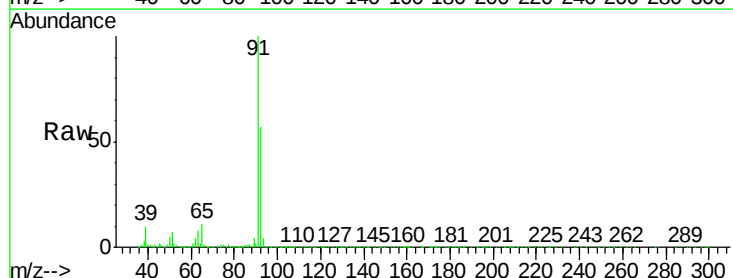
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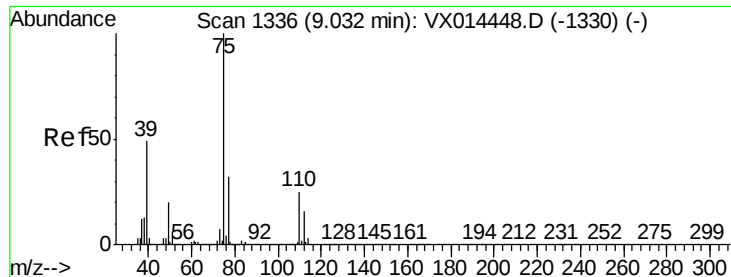
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#52
Toluene
Concen: 20.262 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.4	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 19.882 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0108WBS01

Tgt Ion: 75 Resp: 184200

Ion Ratio Lower Upper

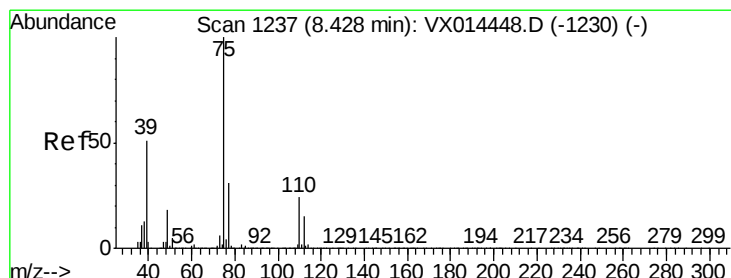
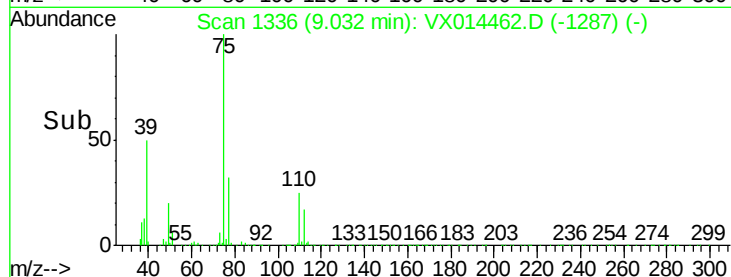
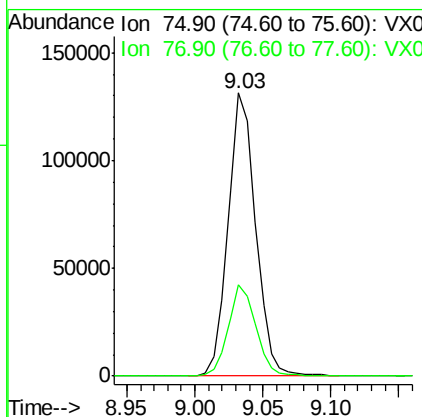
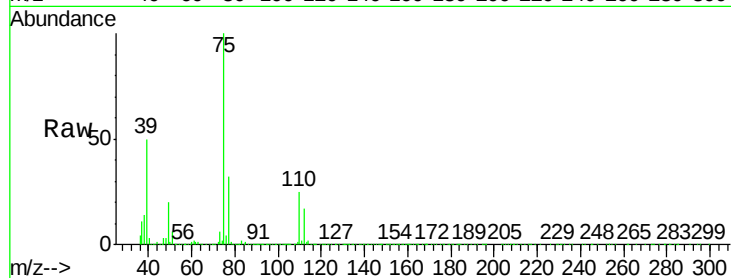
75 100

77 31.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.455 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

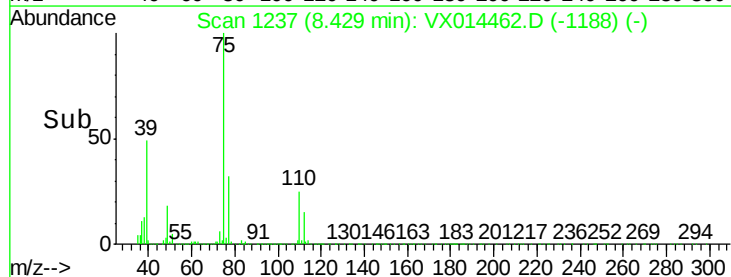
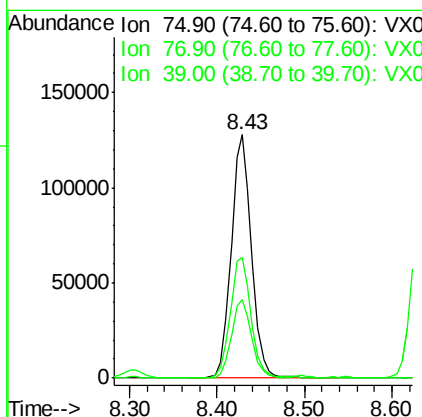
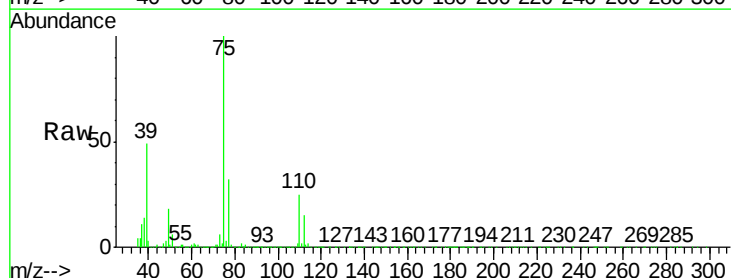
Tgt Ion: 75 Resp: 204723

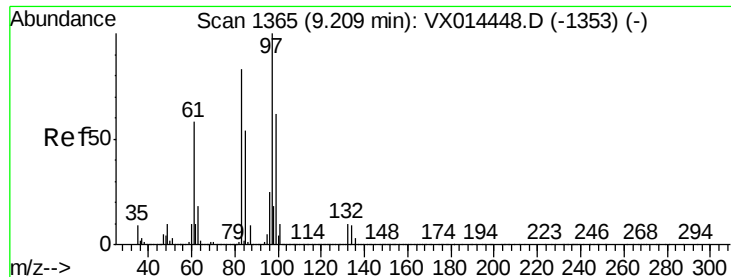
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 49.4 40.7 61.1





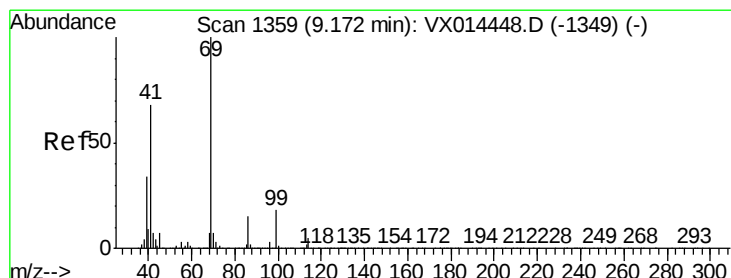
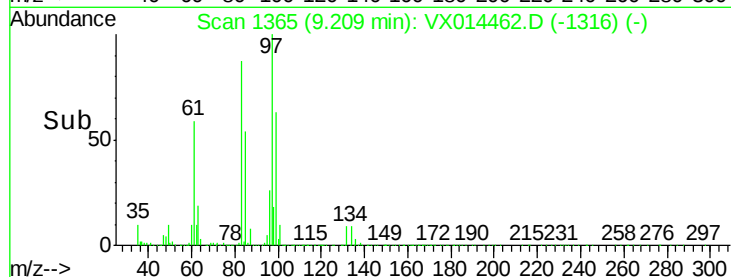
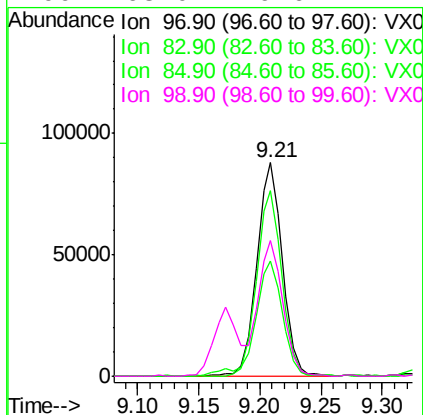
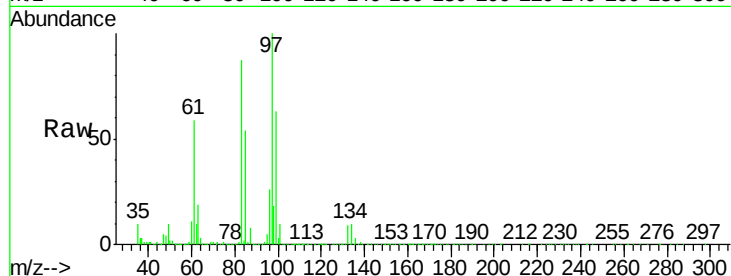
#55
 1,1,2-Trichloroethane
 Concen: 20.218 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	127763		
83	86.9	66.4	99.6	
85	53.5	43.4	65.2	
99	63.0	49.6	74.4	

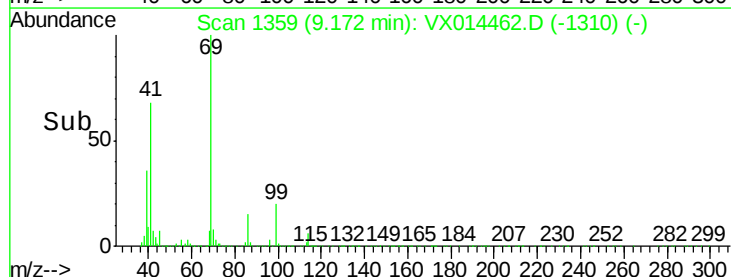
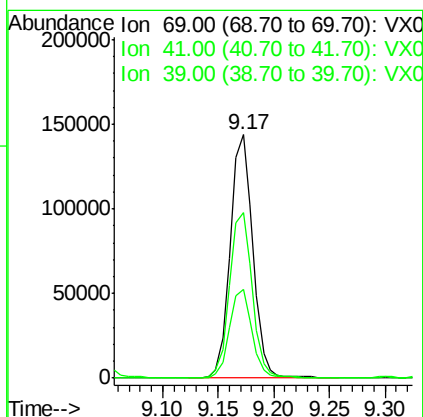
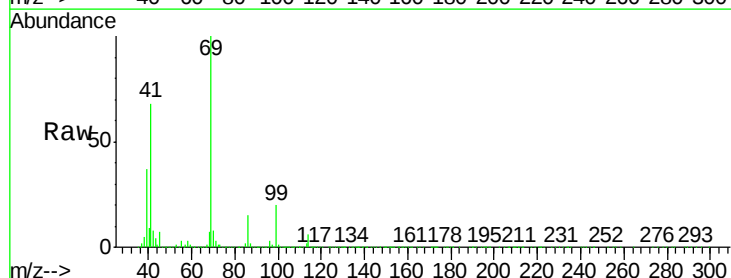
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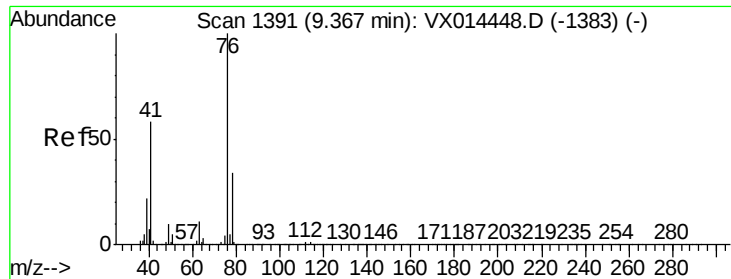
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#56
 Ethyl methacrylate
 Concen: 20.716 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	200565		
41	68.3	54.2	81.2	
39	36.1	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 20.547 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 76 Resp: 217099

Ion Ratio Lower Upper

76 100

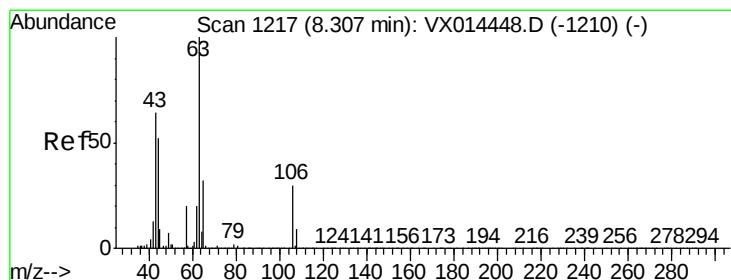
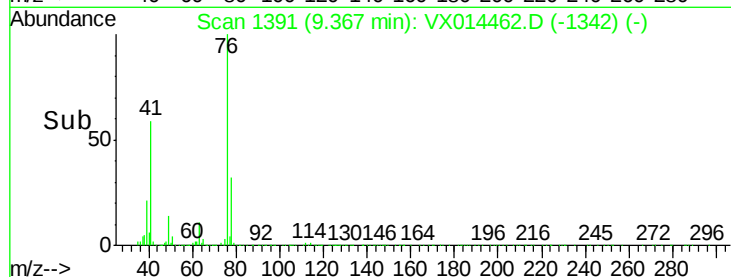
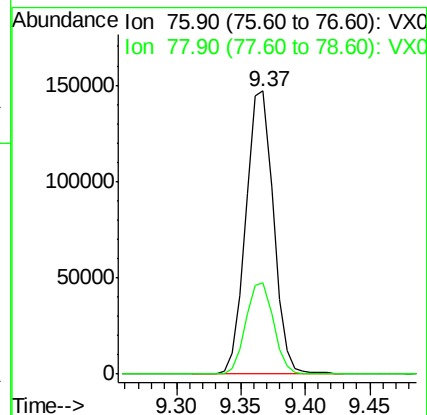
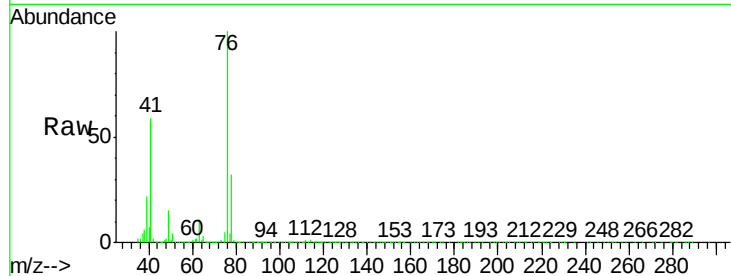
78 32.3 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 94.348 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014462.D

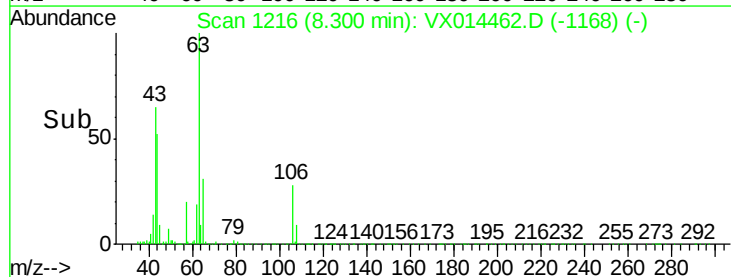
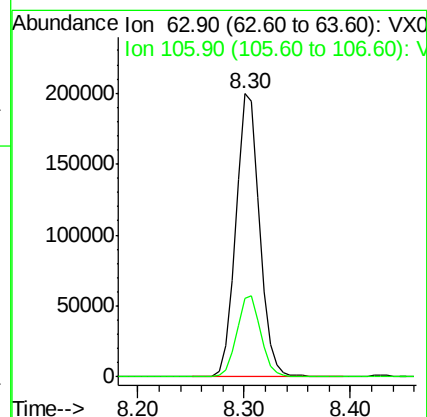
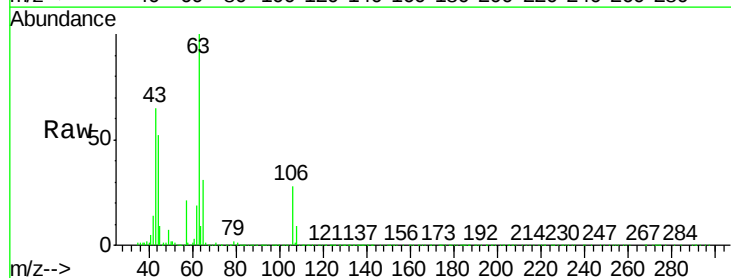
Acq: 08 Jan 2020 11:32

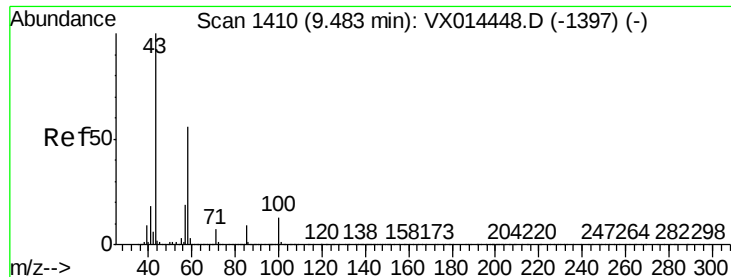
Tgt Ion: 63 Resp: 310783

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





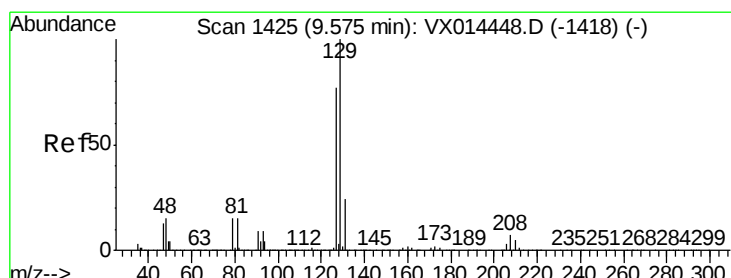
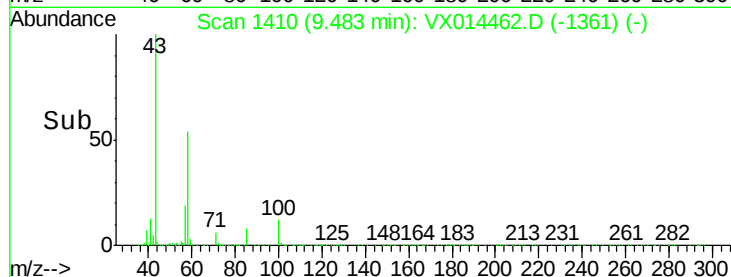
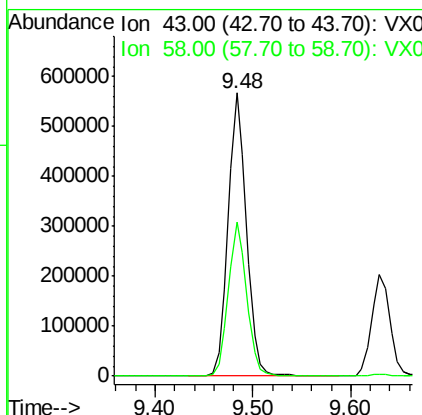
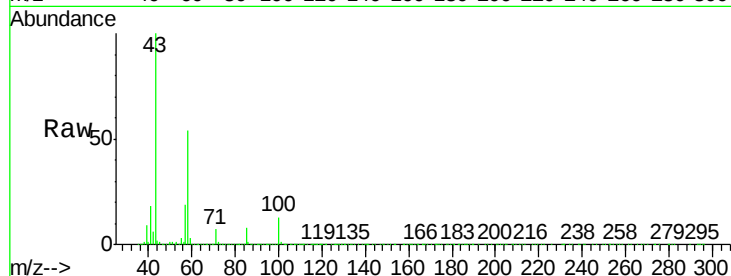
#59
2-Hexanone
Concen: 104.885 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion: 43 Resp: 734826
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.7

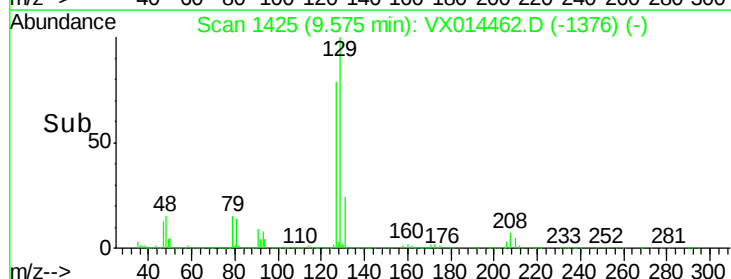
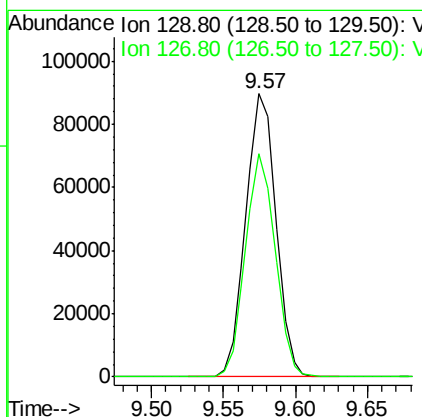
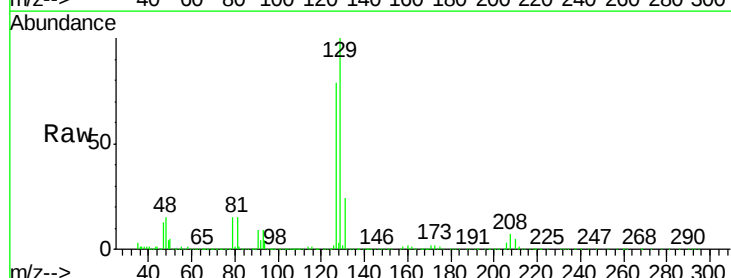
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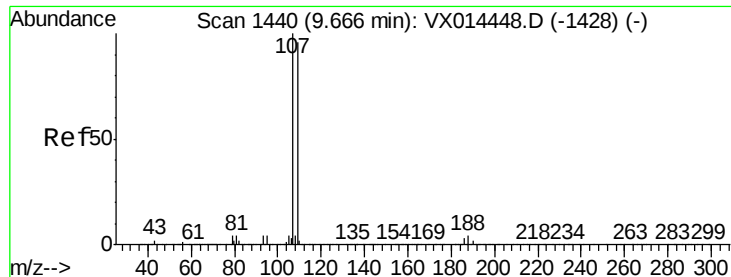
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#60
Dibromochloromethane
Concen: 20.485 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion: 129 Resp: 130115
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





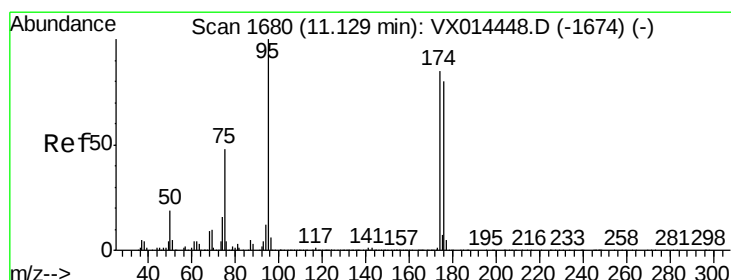
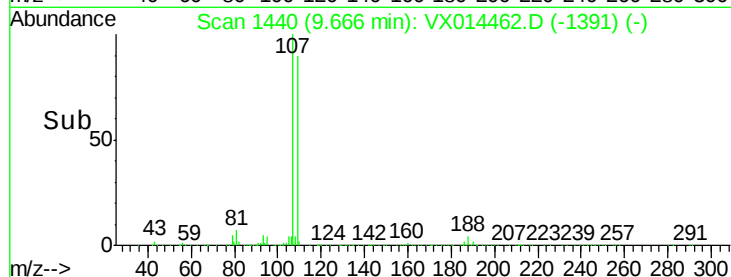
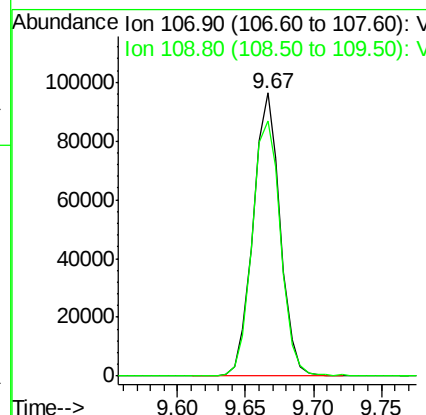
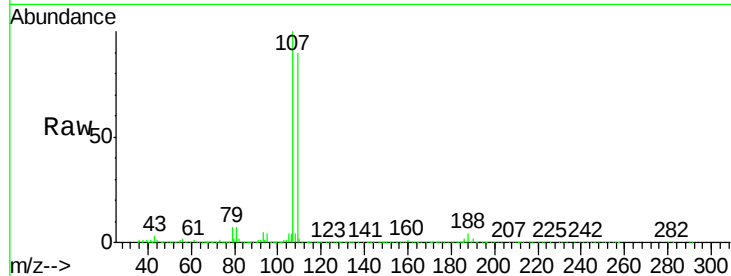
#61
 1,2-Dibromoethane
 Concen: 20.006 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	133918		
109	95.4	76.5	114.7	

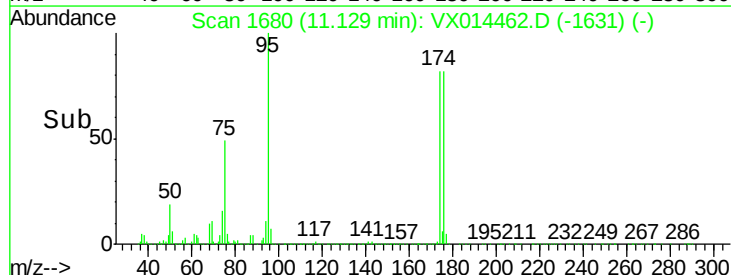
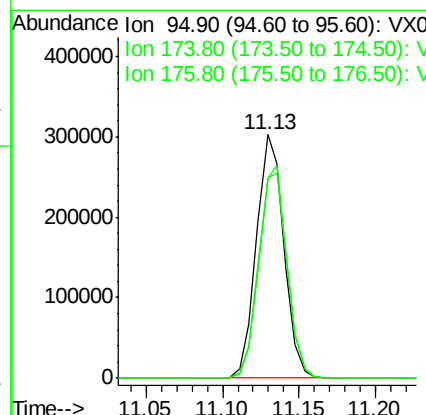
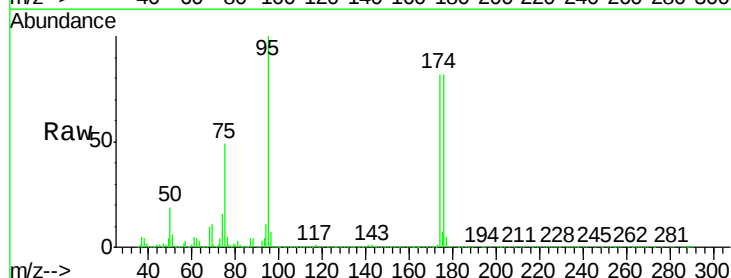
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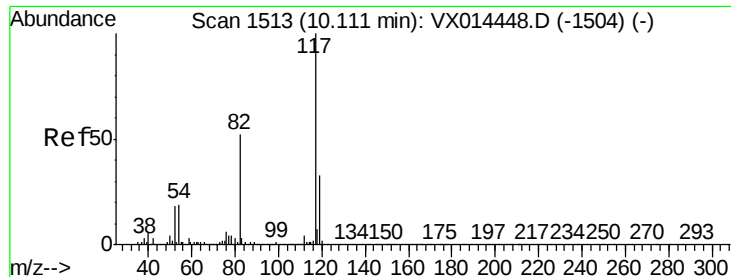
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#62
 4-Bromofluorobenzene
 Concen: 49.647 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	377018		
174	90.1	0.0	180.8	
176	88.1	0.0	172.8	





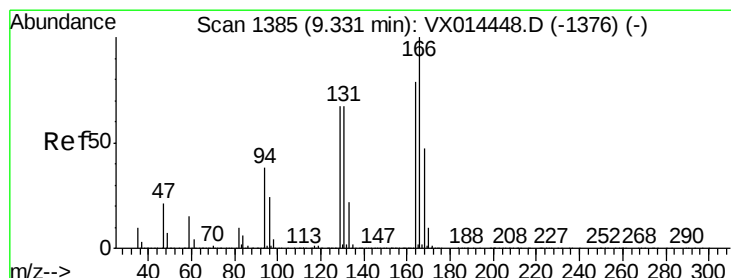
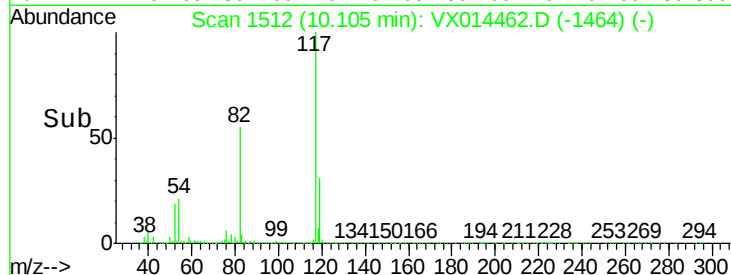
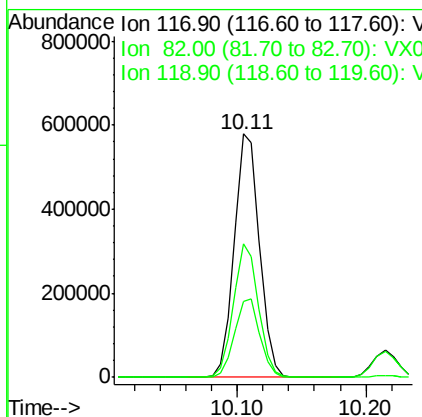
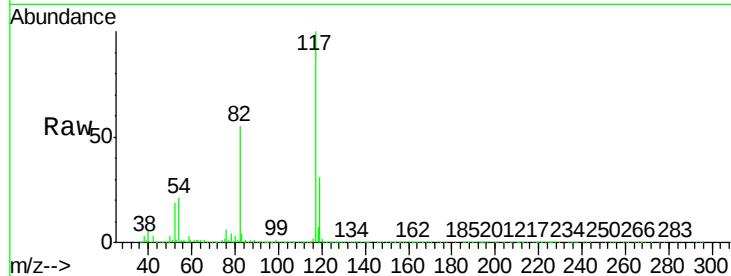
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.9	41.8	62.6
119	31.3	26.2	39.4

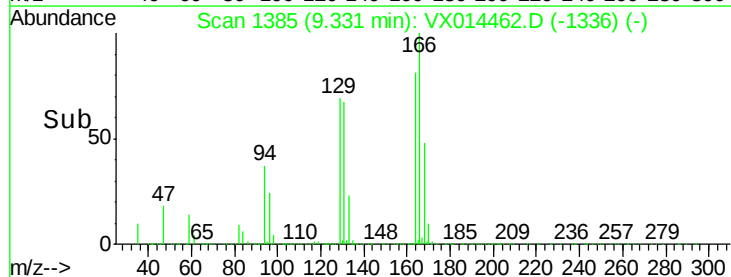
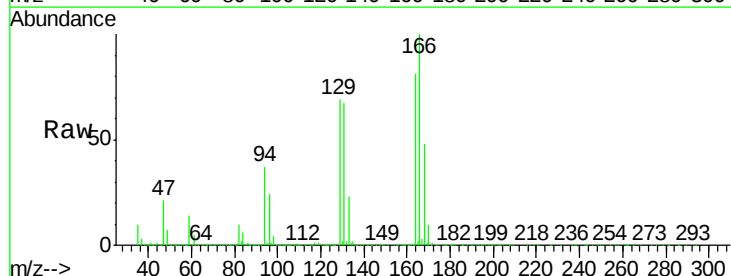
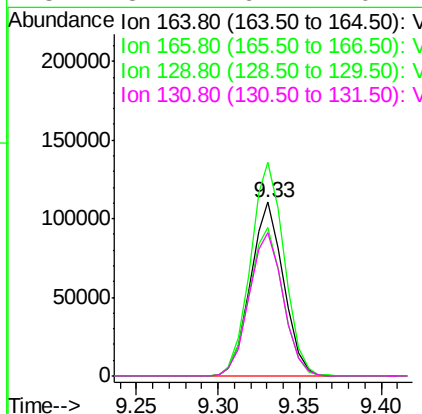
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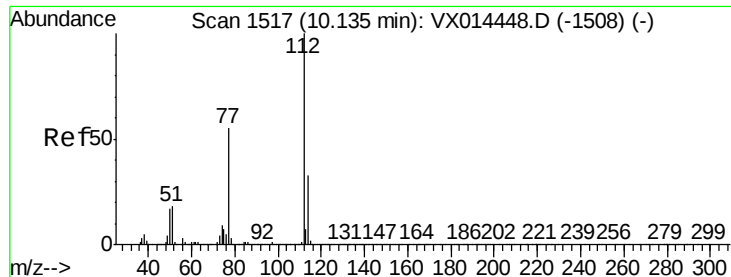
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#64
Tetrachloroethene
Concen: 19.615 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.7	101.2	151.8
129	85.0	68.3	102.5
131	82.4	67.4	101.2





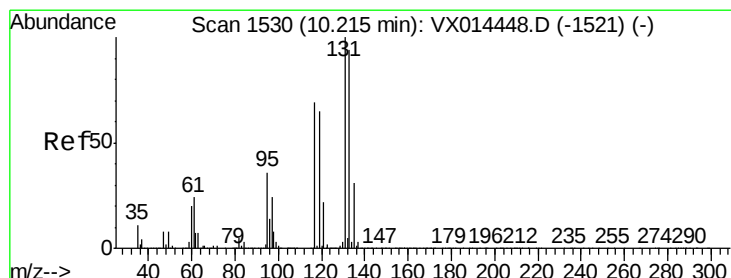
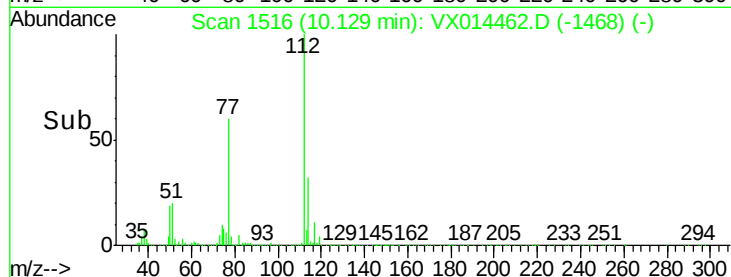
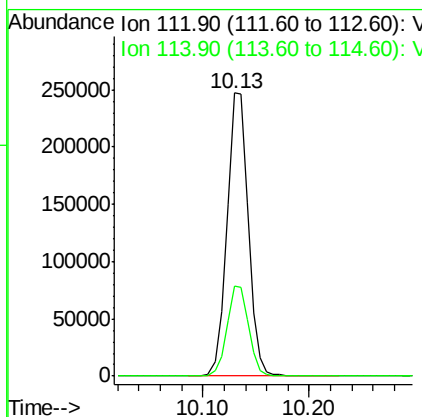
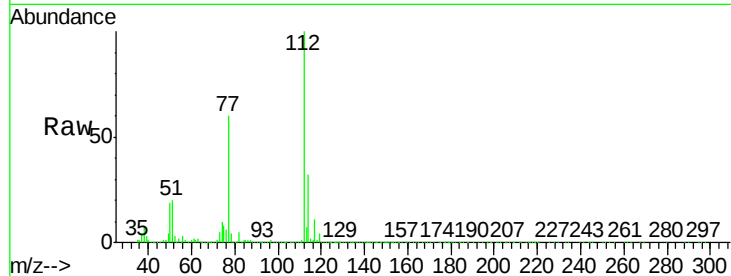
#65
Chlorobenzene
Concen: 20.115 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	345661		
114	31.9	26.2	39.4	

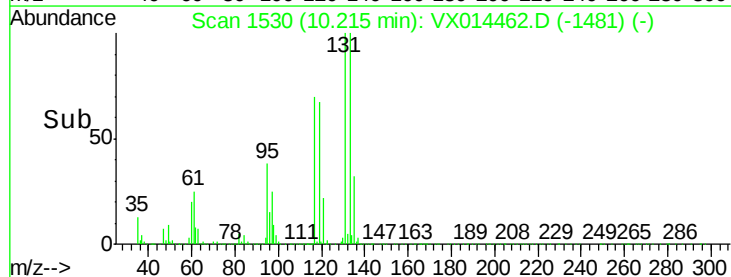
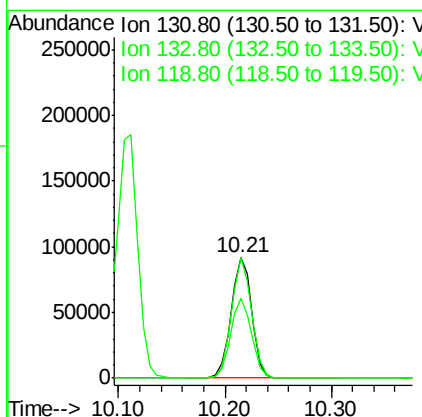
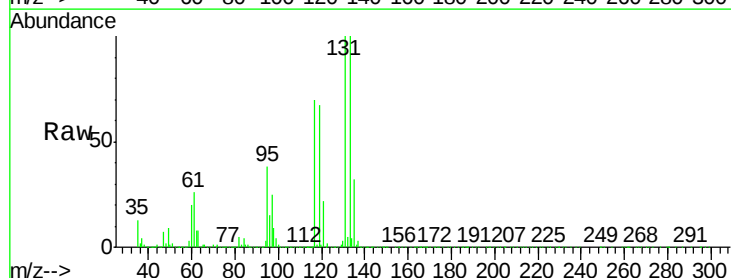
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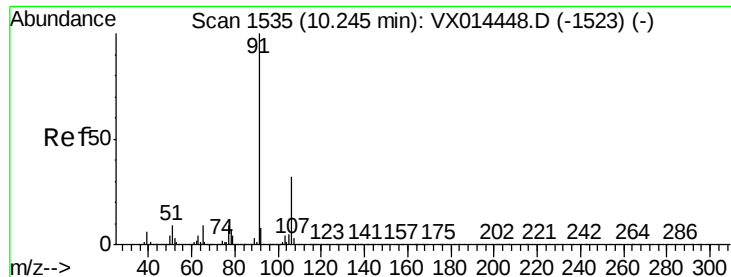
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.283 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	124389		
133	97.7	47.3	142.0	
119	66.5	32.8	98.4	





#67

Ethyl Benzene

Concen: 21.019 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBS01

Tgt Ion: 91 Resp: 615646

Ion Ratio Lower Upper

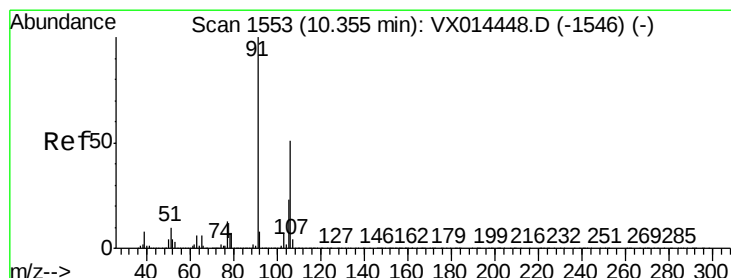
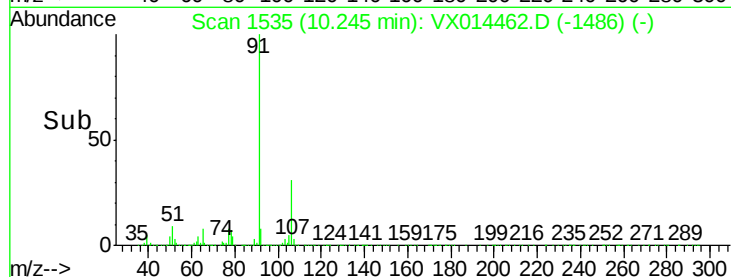
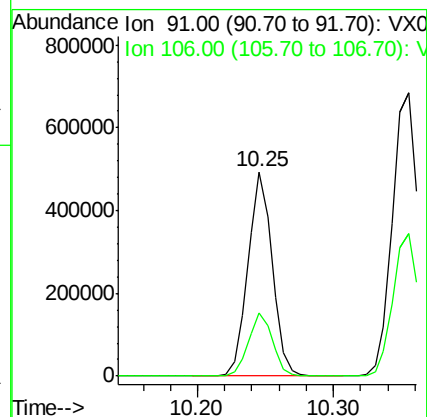
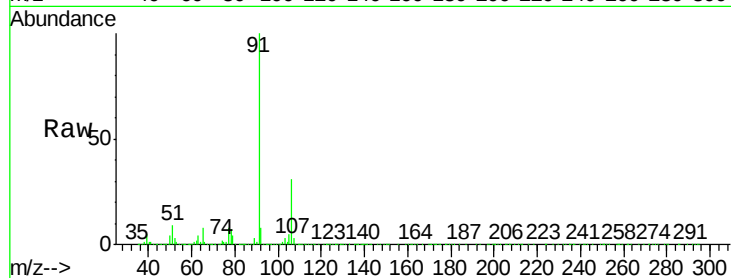
91 100

106 30.8 25.6 38.4

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#68

m/p-Xylenes

Concen: 40.925 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014462.D

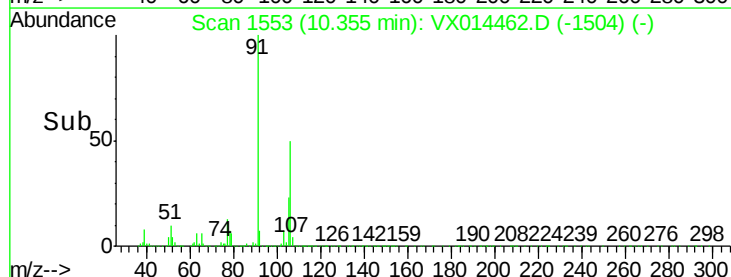
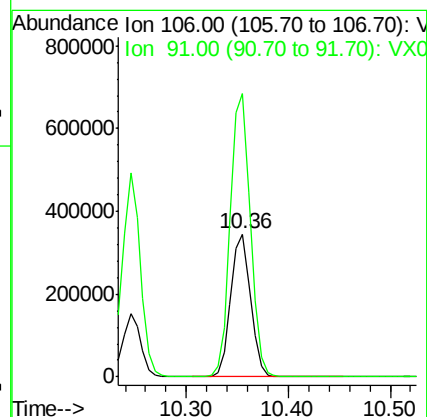
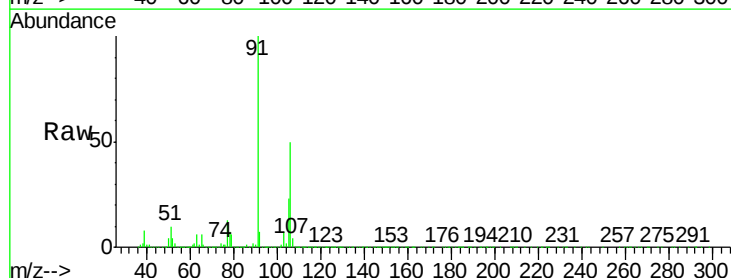
Acq: 08 Jan 2020 11:32

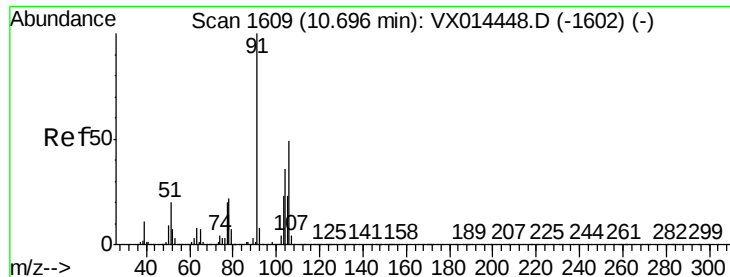
Tgt Ion: 106 Resp: 462445

Ion Ratio Lower Upper

106 100

91 200.0 157.4 236.0





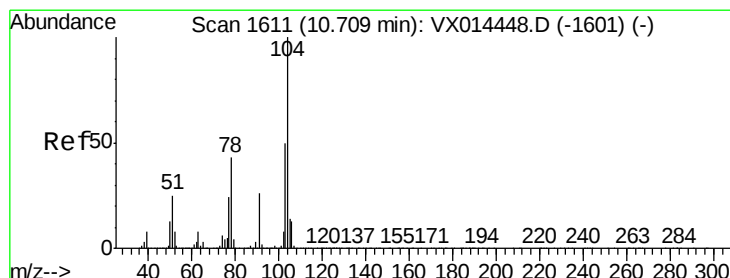
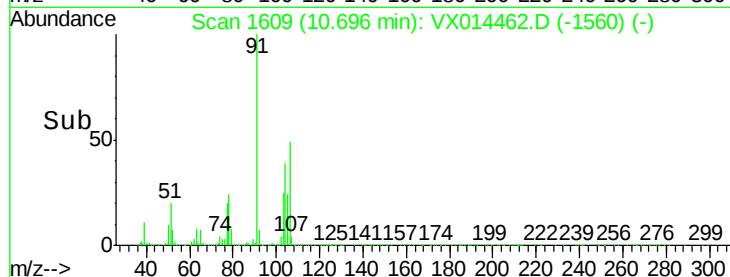
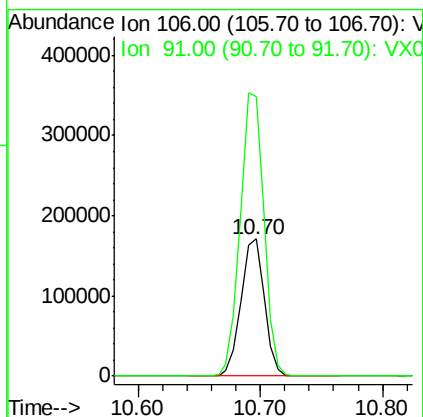
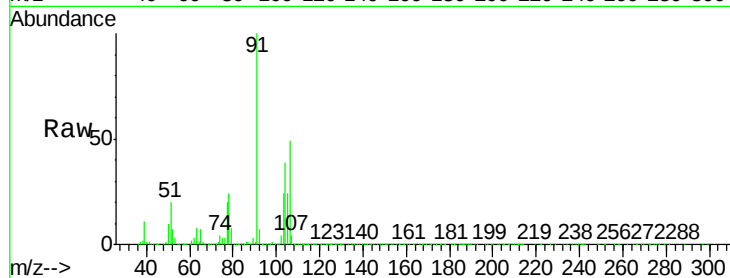
#69
o-Xylene
Concen: 20.917 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	225516		
91	209.6	105.1	315.1	

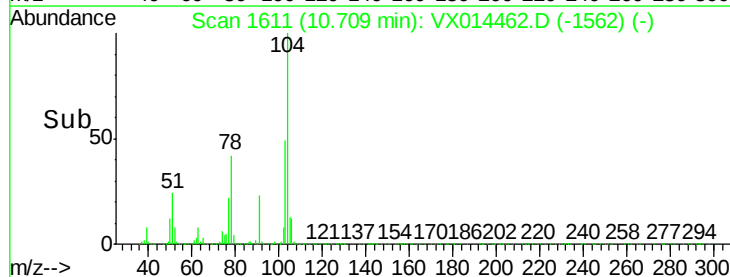
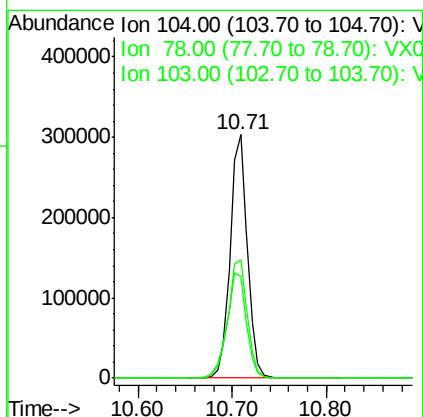
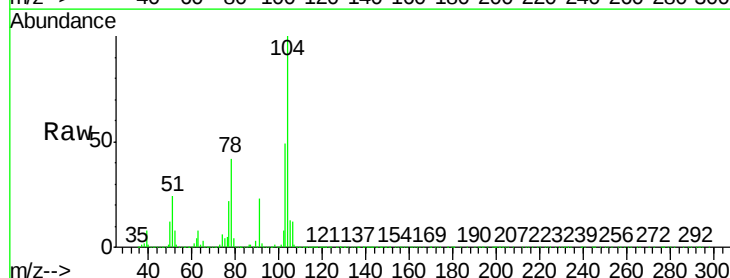
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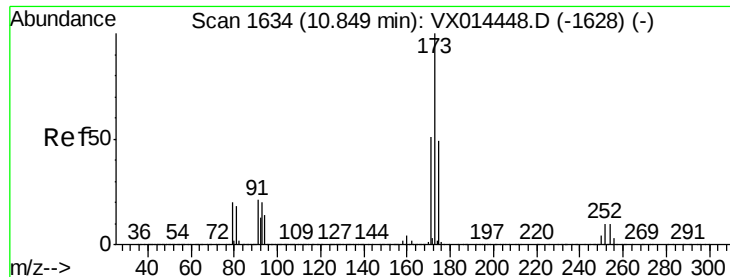
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#70
Styrene
Concen: 20.606 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	383397		
78	48.9	38.6	58.0	
103	54.5	43.7	65.5	





#71

Bromoform

Concen: 20.039 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

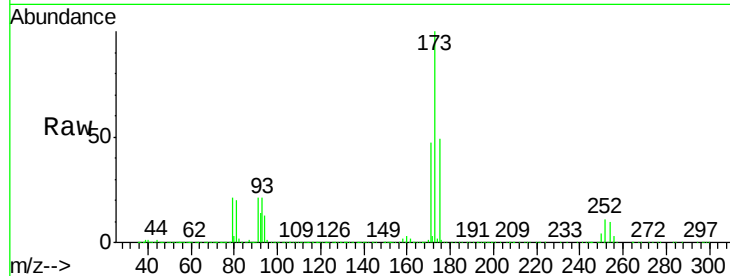
ClientSampled :

VX0108WBS01

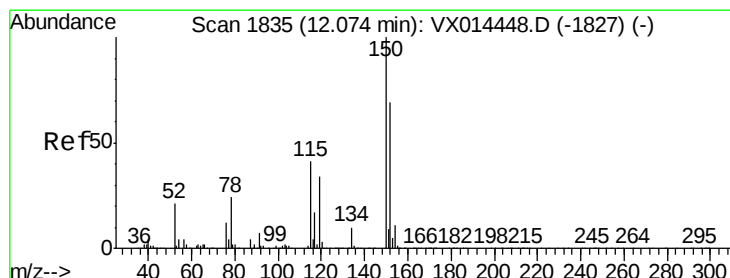
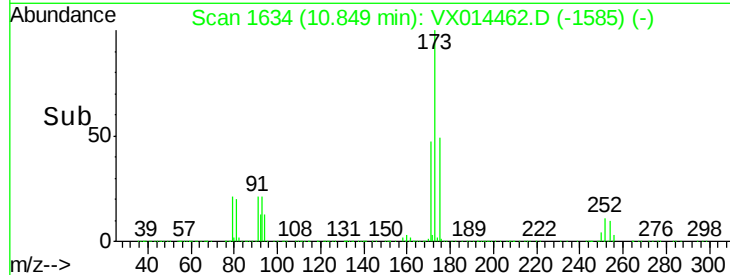
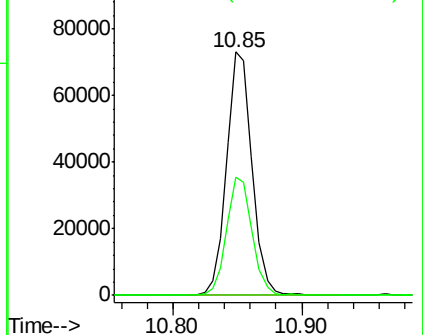
Tgt Ion:	173	Resp:	100545
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.3	72.8
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

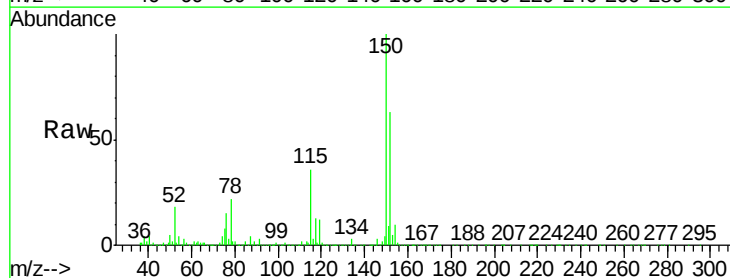
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

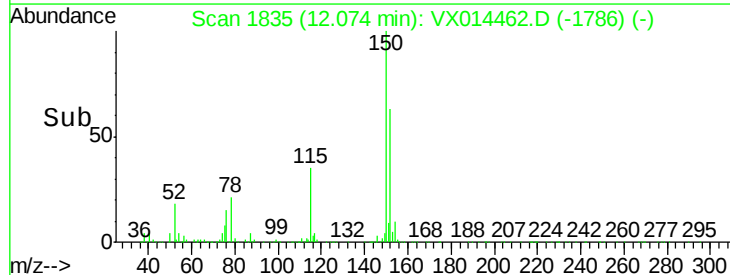
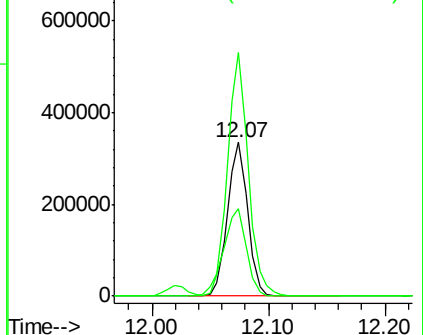
Lab File: VX014462.D

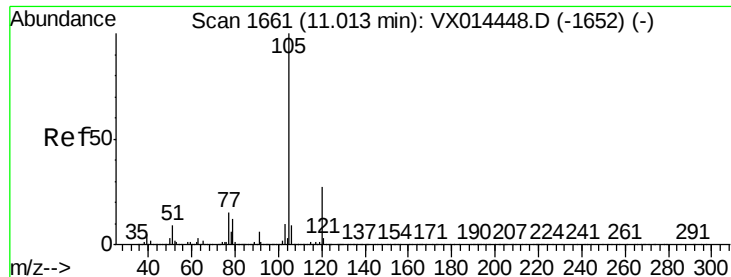
Acq: 08 Jan 2020 11:32

Tgt Ion:	152	Resp:	401580
Ion Ratio	Lower	Upper	
152	100		
115	64.3	39.5	118.3
150	162.8	0.0	350.2



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





#73

Isopropylbenzene

Concen: 21.239 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0108WBS01

Tgt Ion: 105 Resp: 598943

Ion Ratio Lower Upper

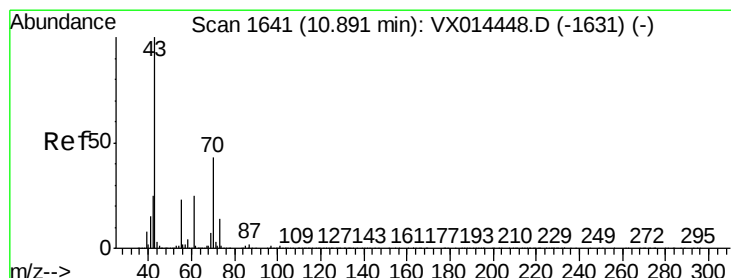
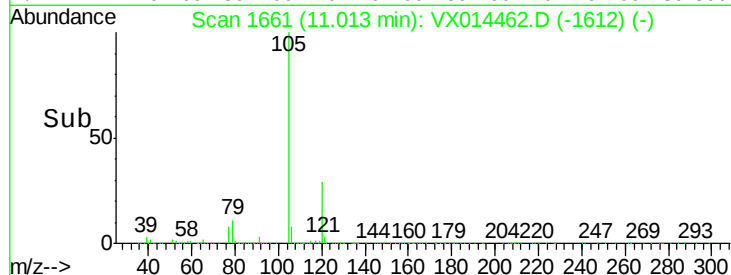
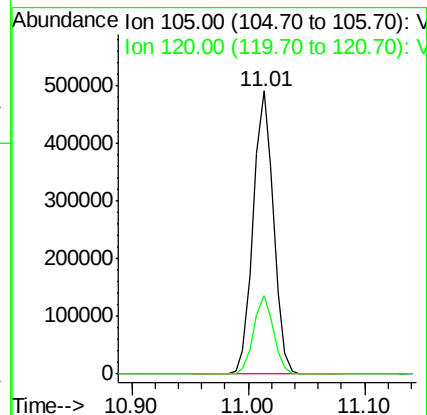
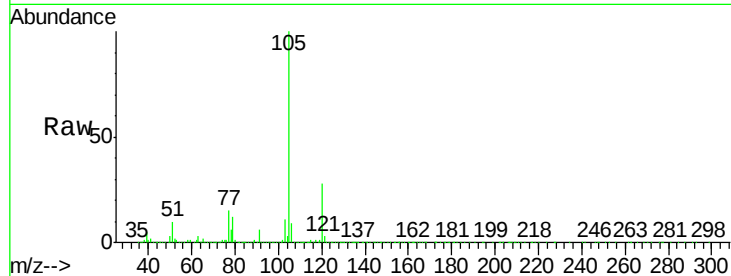
105 100

120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.024 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion: 43 Resp: 261571

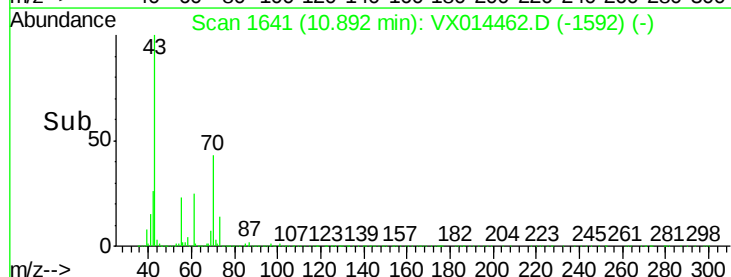
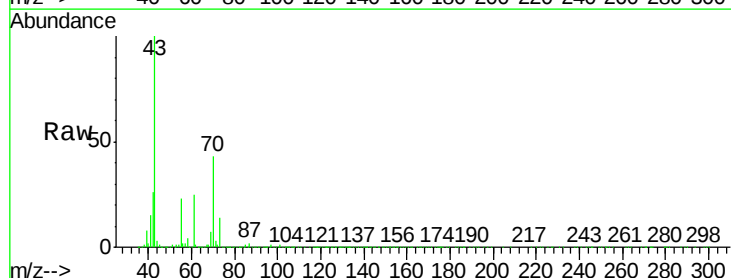
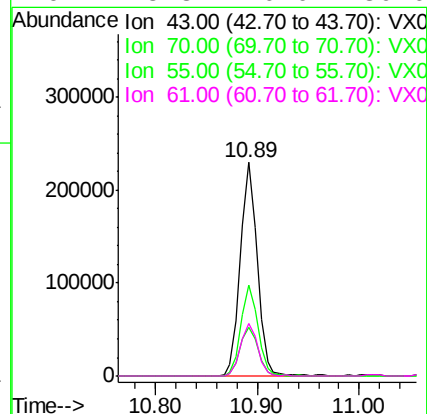
Ion Ratio Lower Upper

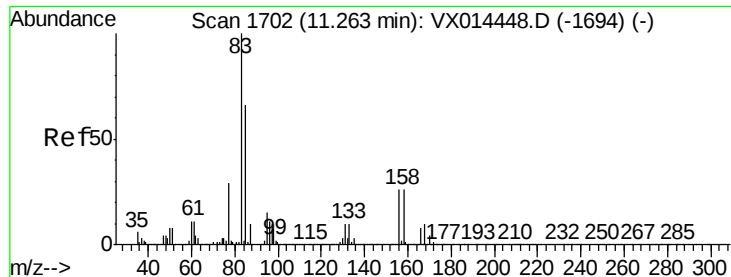
43 100

70 42.7 35.1 52.7

55 24.1 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.058 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

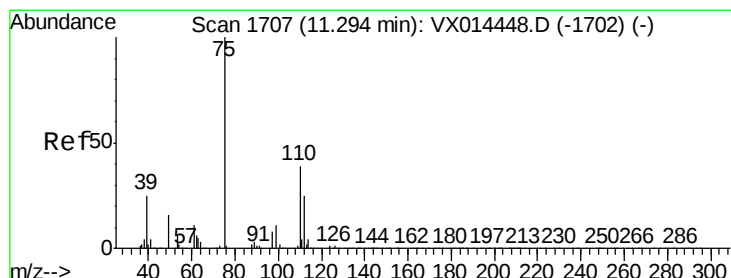
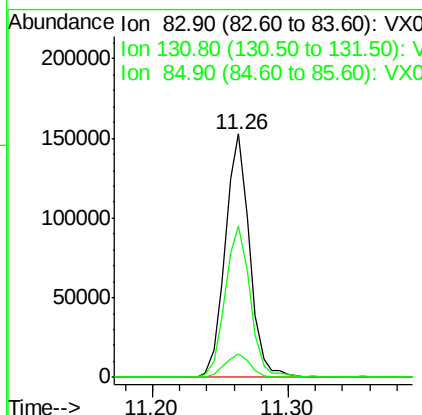
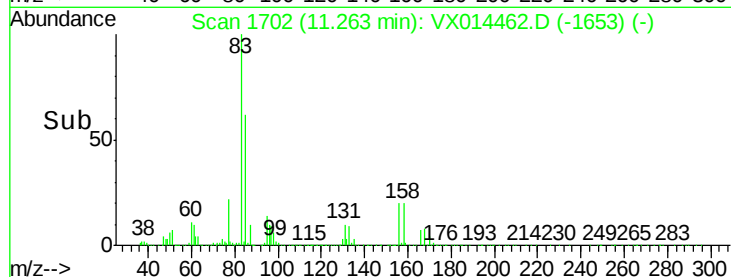
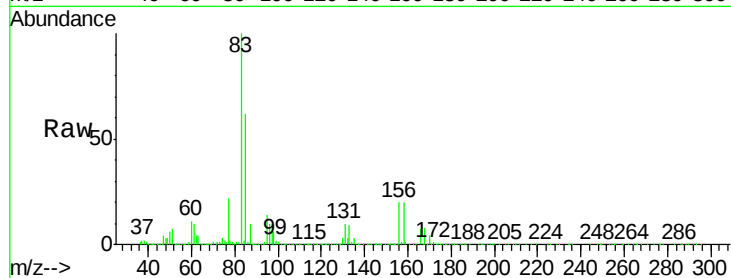
ClientSampled :

VX0108WBS01

Tgt Ion:	83	Resp:	190436
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	63.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 18.992 ug/l m

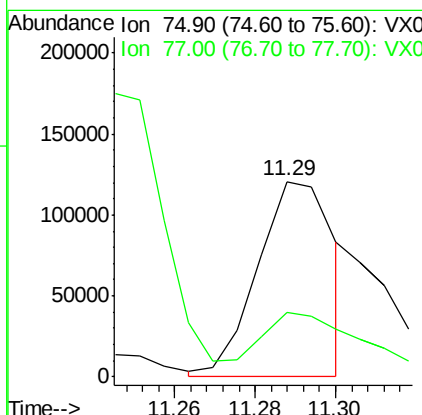
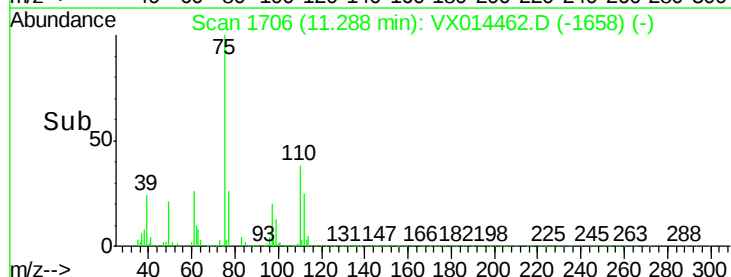
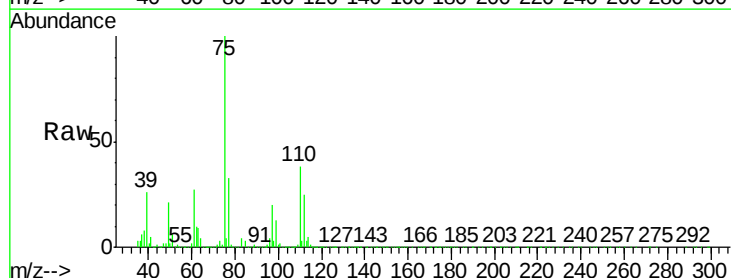
RT: 11.29 min Scan# 1706

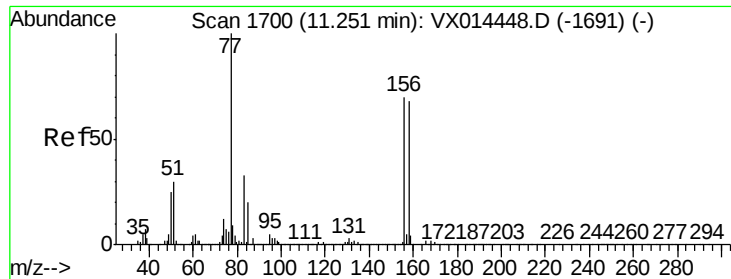
Delta R.T. -0.01 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	75	Resp:	157801
Ion Ratio	Lower	Upper	
75	100		
77	45.5	21.9	65.7





#77

Bromobenzene

Concen: 20.067 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

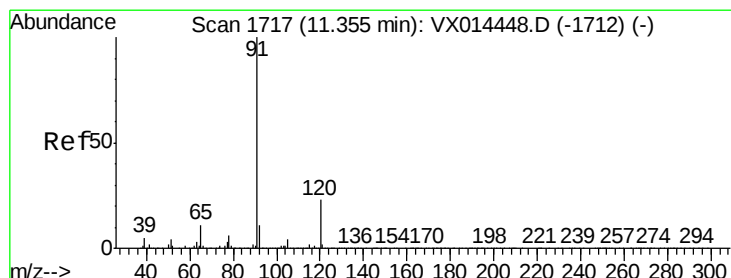
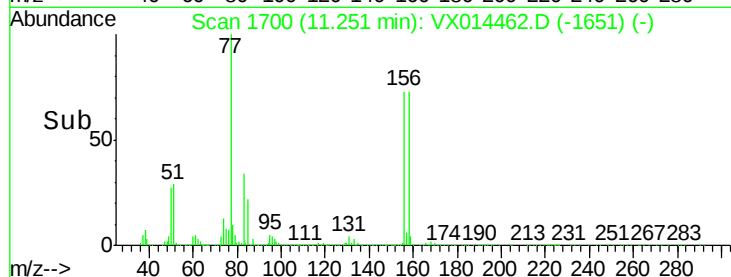
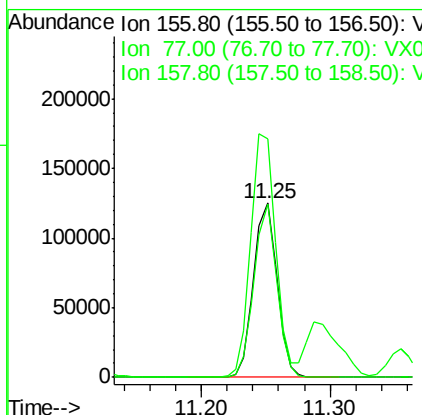
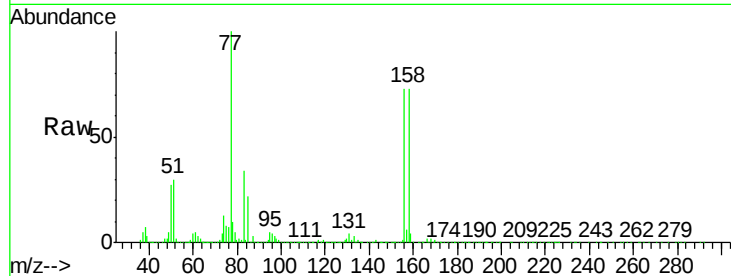
ClientSampled :

VX0108WBS01

Tgt Ion:	156	Resp:	156932
Ion Ratio	Lower	Upper	
156	100		
77	146.8	75.4	226.3
158	96.3	48.8	146.3

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#78

n-propylbenzene

Concen: 21.232 ug/l

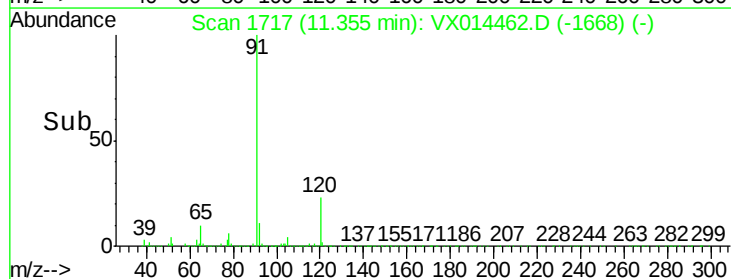
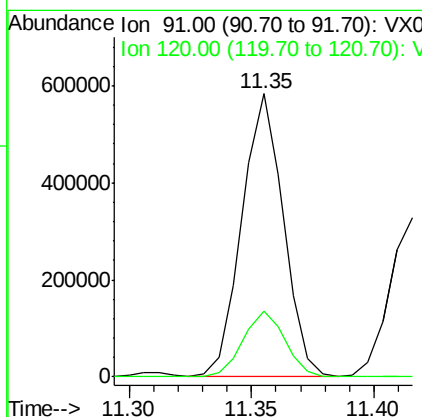
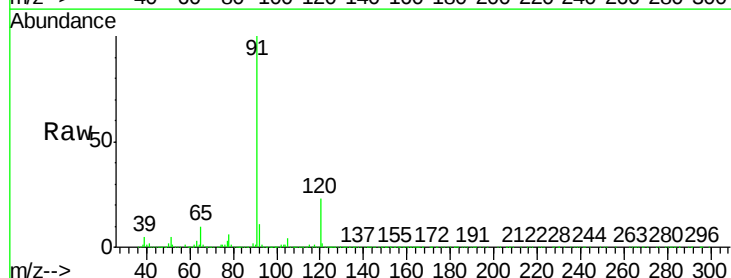
RT: 11.35 min Scan# 1717

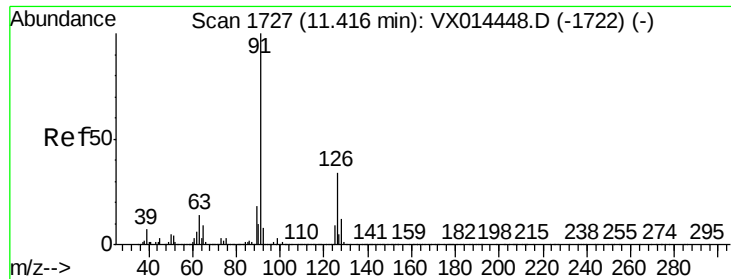
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	91	Resp:	685698
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.946 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0108WBS01

Tgt Ion: 91 Resp: 403168

Ion Ratio Lower Upper

91 100

126 35.1

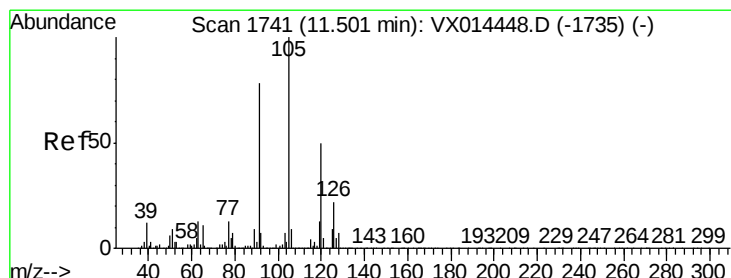
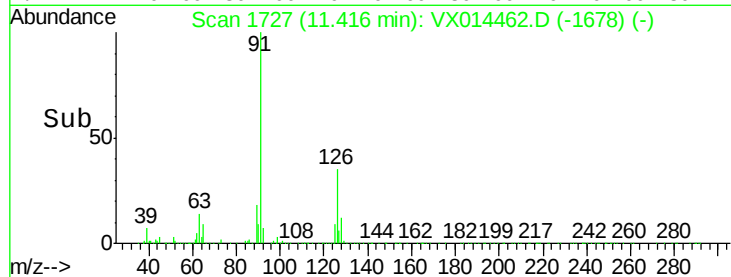
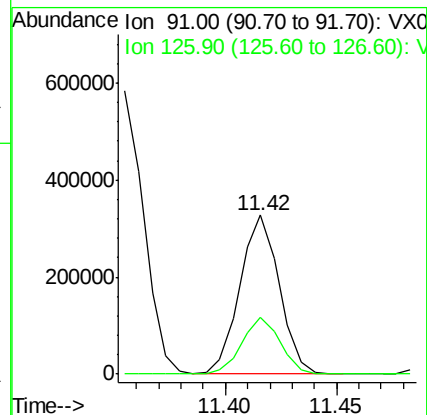
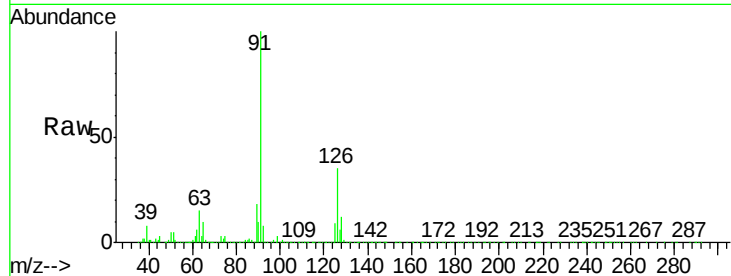
17.5

52.5

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#80

1,3,5-Trimethylbenzene

Concen: 21.334 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion: 105 Resp: 499479

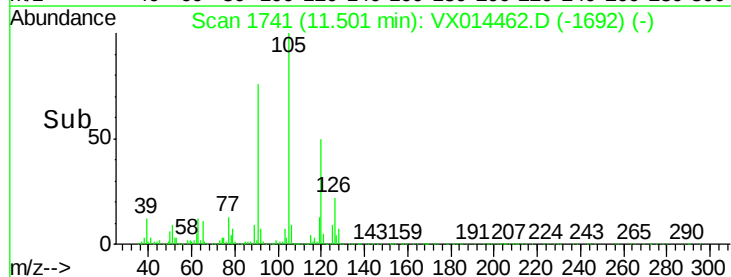
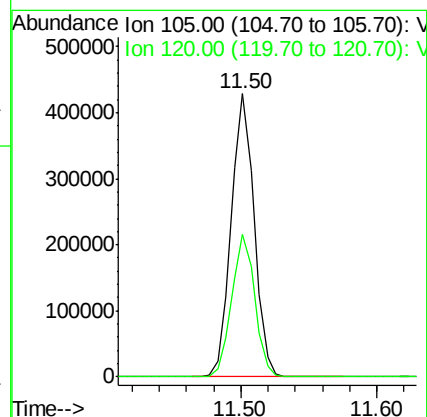
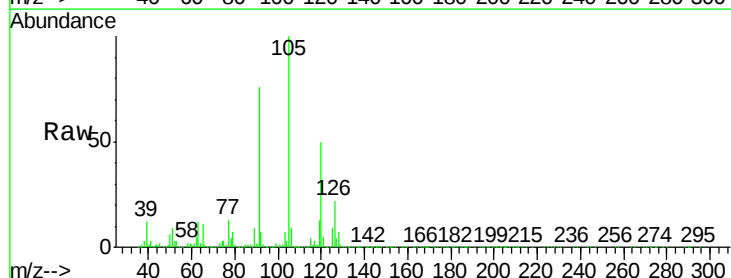
Ion Ratio Lower Upper

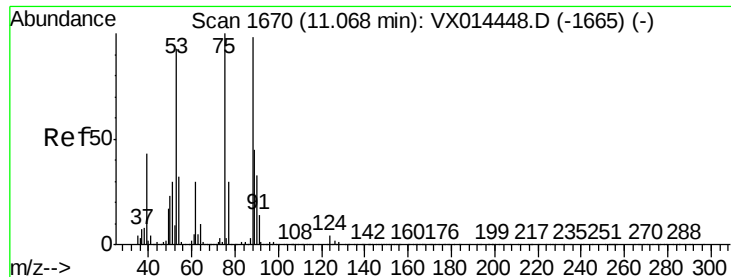
105 100

120 50.7

25.2

75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.774 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

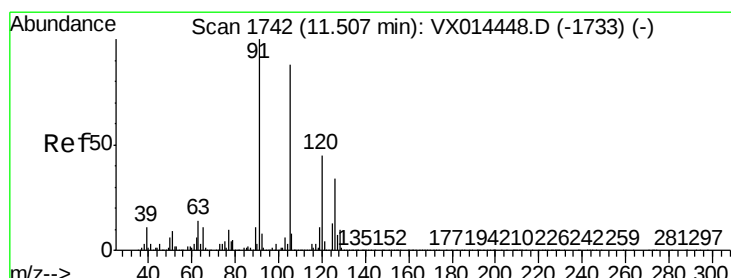
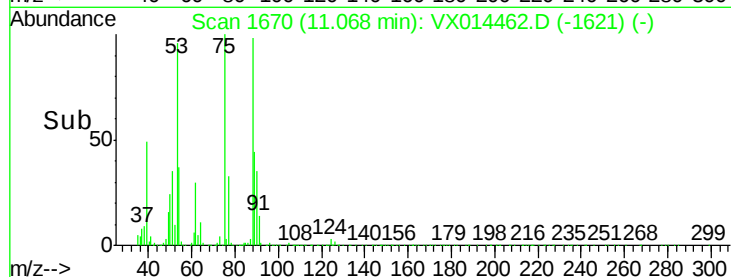
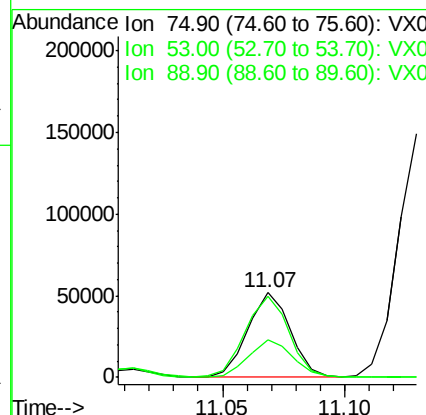
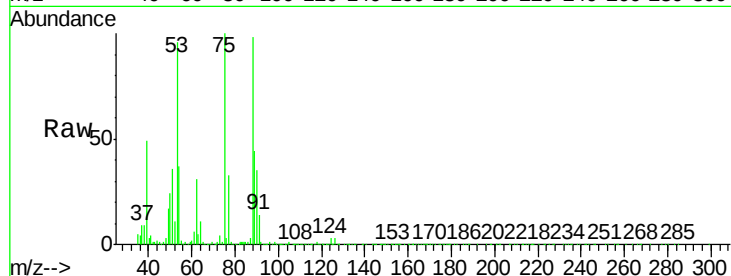
ClientSampleId :

VX0108WBS01

Tgt Ion:	75	Resp:	62144
Ion Ratio	Lower	Upper	
75	100		
53	98.4	74.8	112.2
89	46.9	36.3	54.5

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#82

4-Chlorotoluene

Concen: 20.492 ug/l

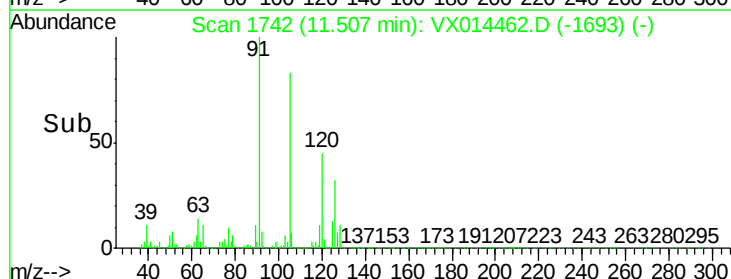
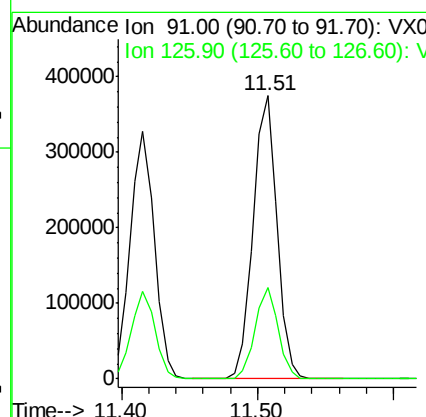
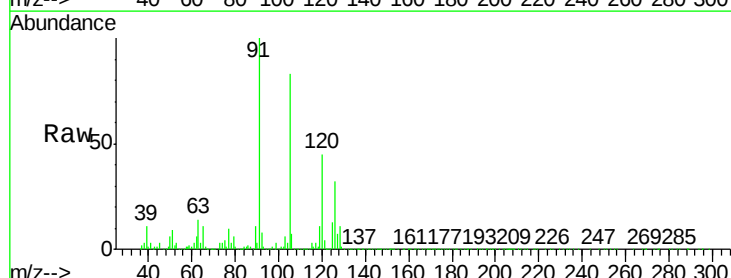
RT: 11.51 min Scan# 1742

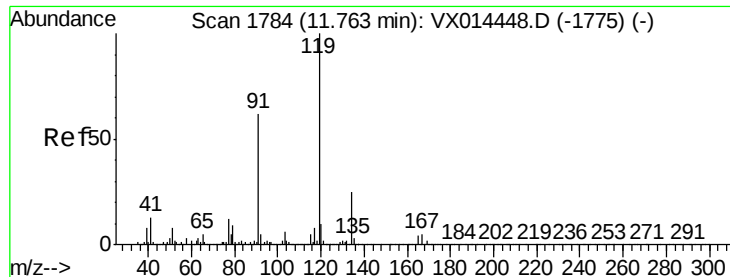
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	91	Resp:	462975
Ion Ratio	Lower	Upper	
91	100		
126	31.4	15.9	47.7





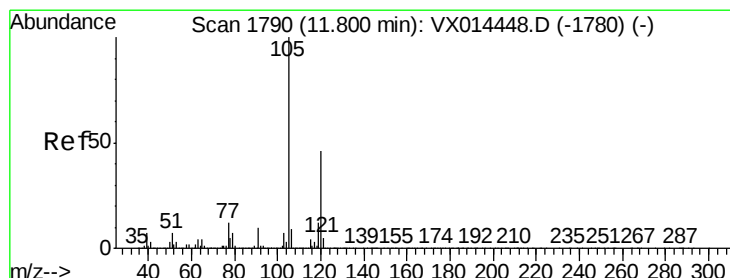
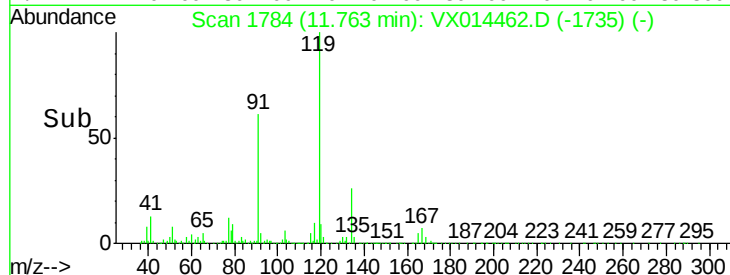
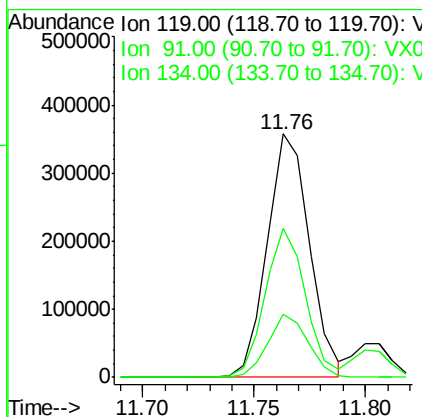
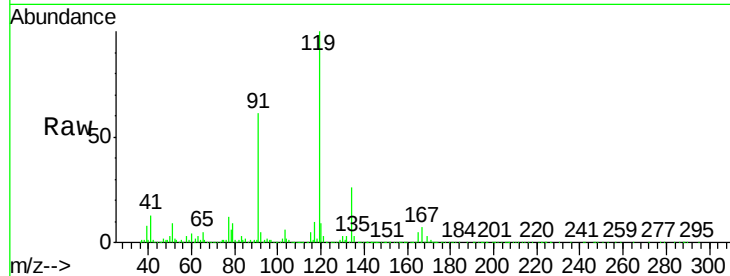
#83
 tert-Butylbenzene
 Concen: 21.266 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	470428		
91	58.3	29.3	88.0	
134	24.7	12.4	37.4	

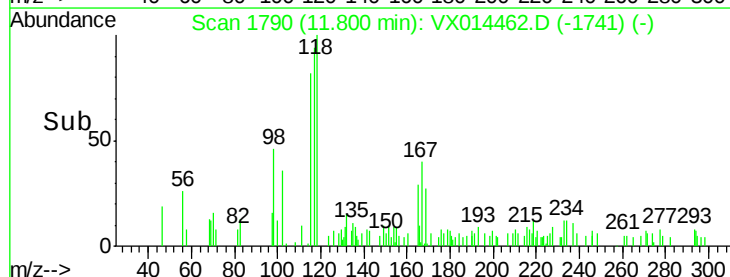
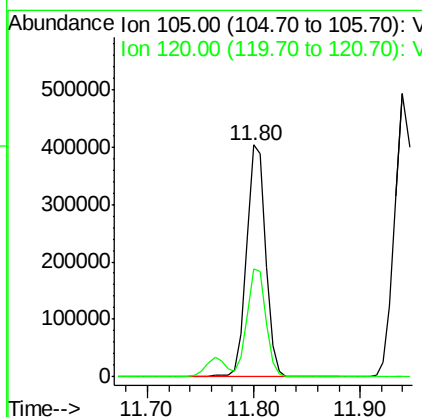
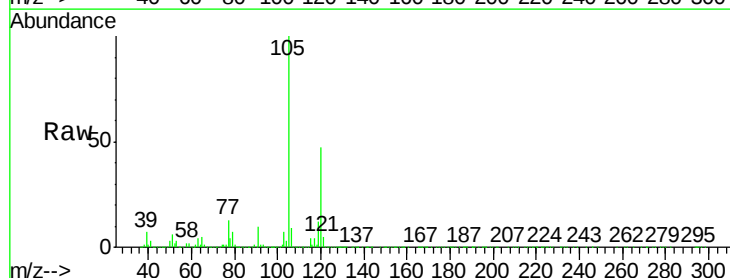
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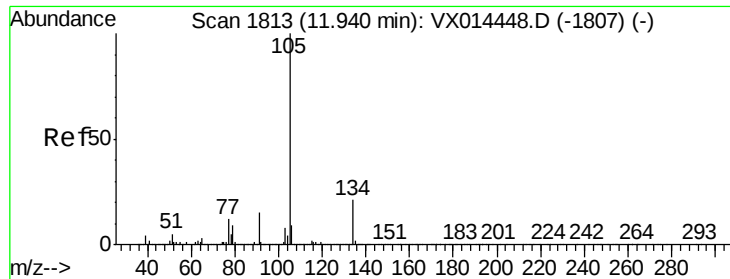
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.447 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507384		
120	45.9	23.1	69.3	





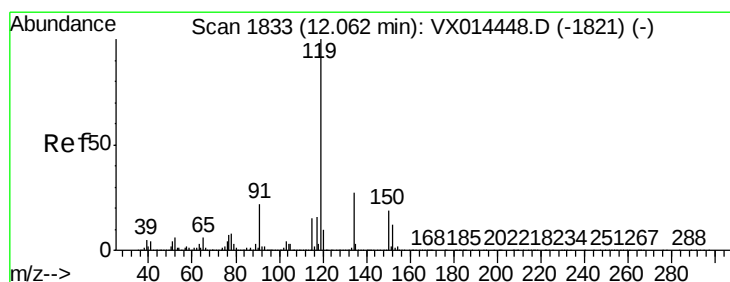
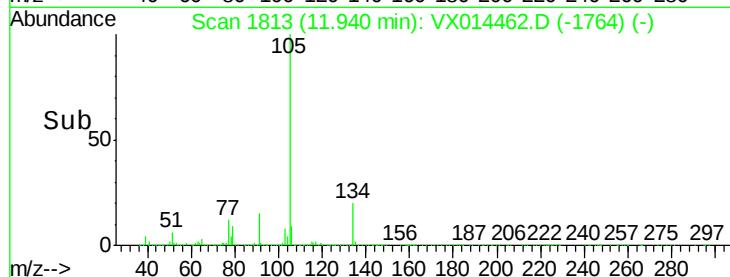
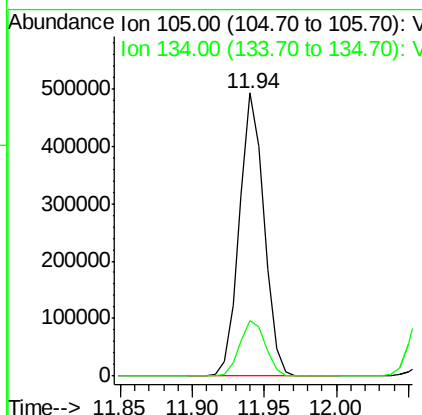
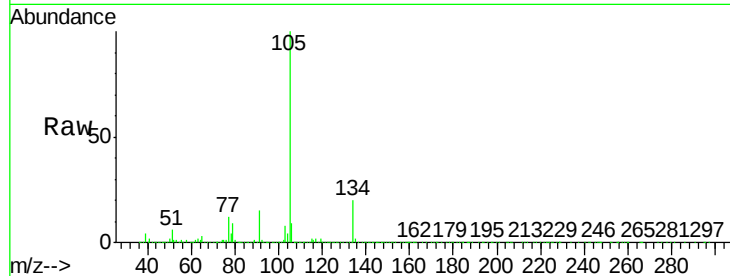
#85
 sec-Butylbenzene
 Concen: 21.249 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.5	31.5

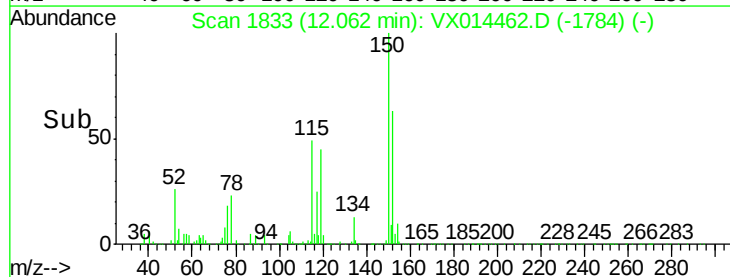
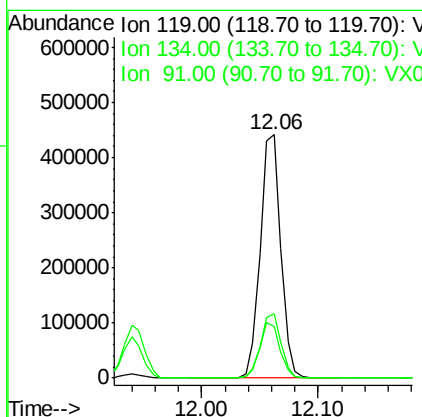
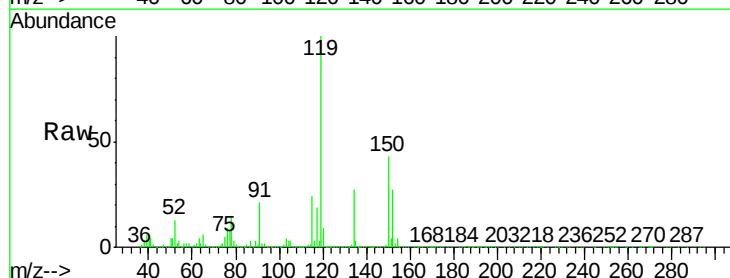
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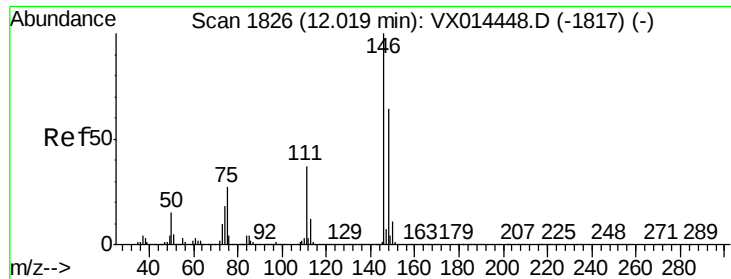
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#86
 p-Isopropyltoluene
 Concen: 21.322 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.5	40.4
91	22.4	11.1	33.3





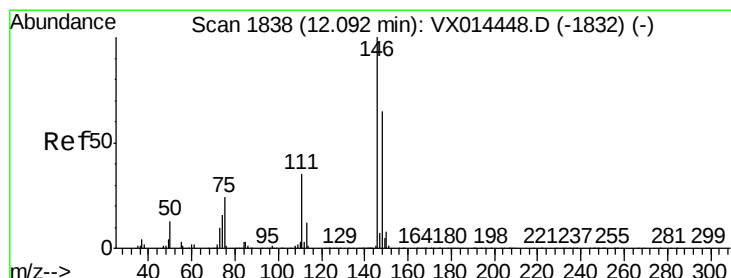
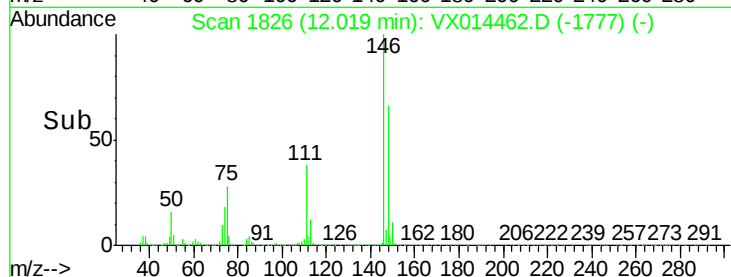
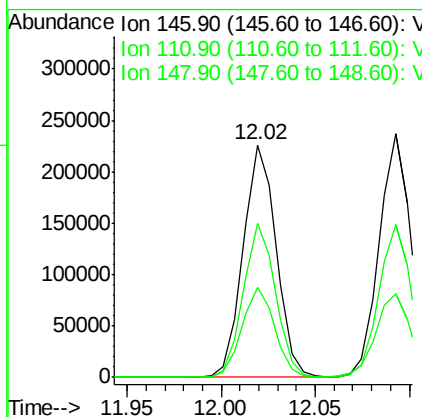
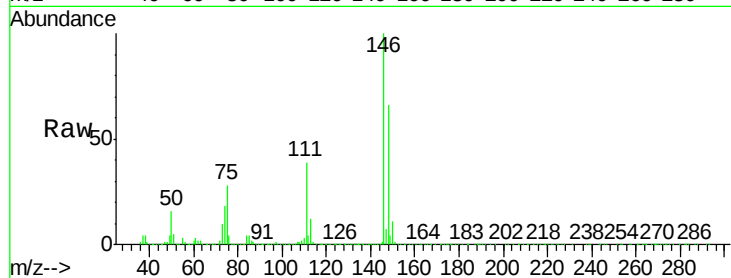
#87
 1,3-Dichlorobenzene
 Concen: 19.596 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	64.6	32.2	96.6

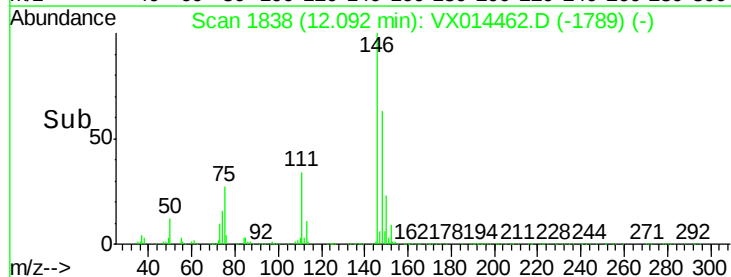
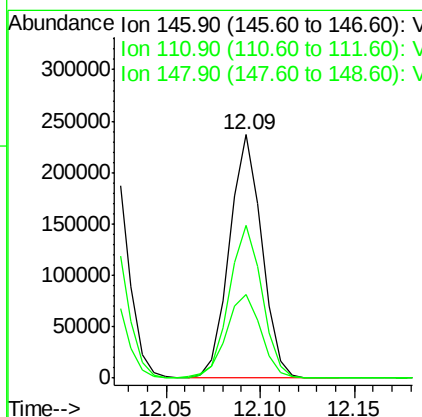
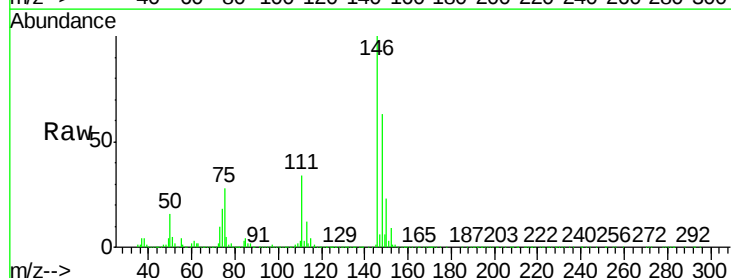
Manual Integrations
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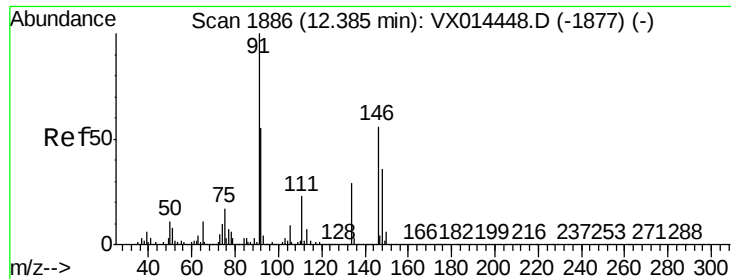
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#88
 1,4-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014462.D
 Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.9	32.1	96.3





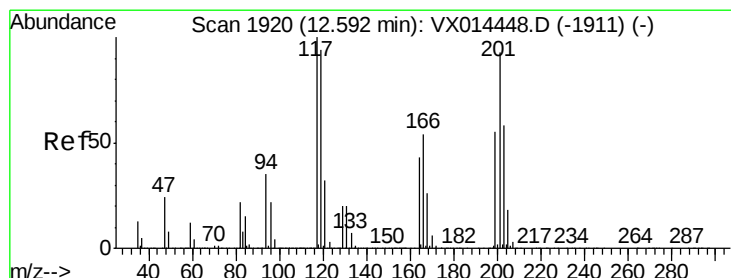
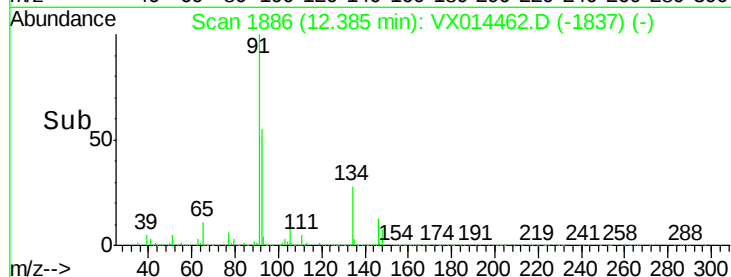
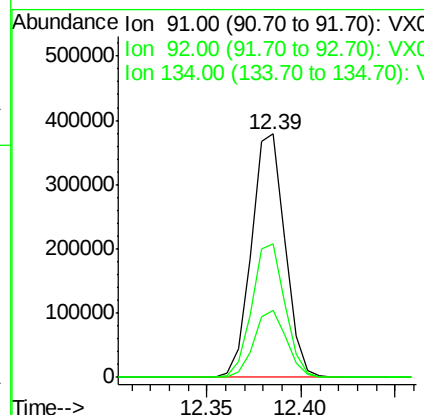
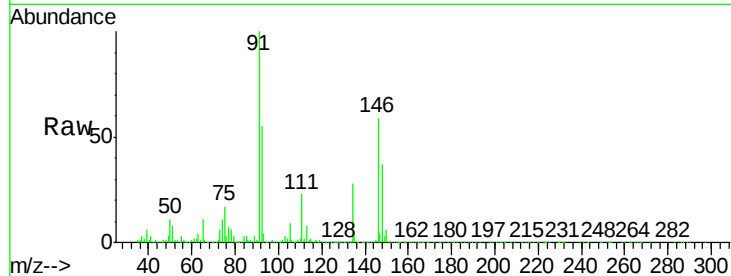
#89
n-Butylbenzene
Concen: 19.949 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0108WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.9	13.9	41.7

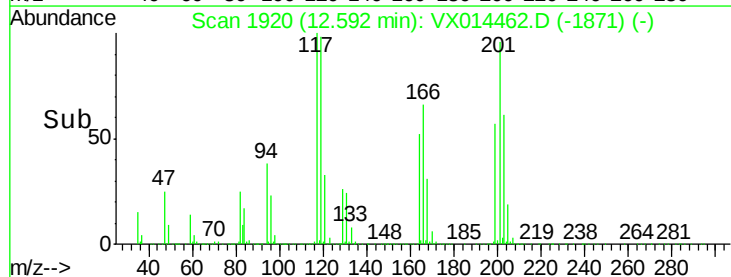
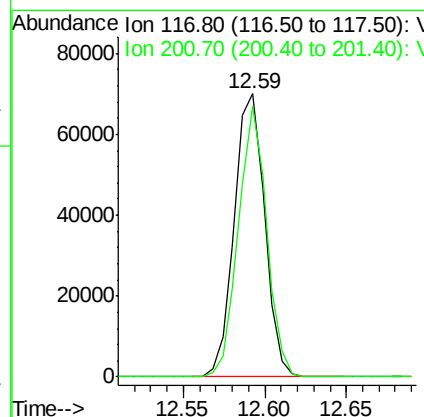
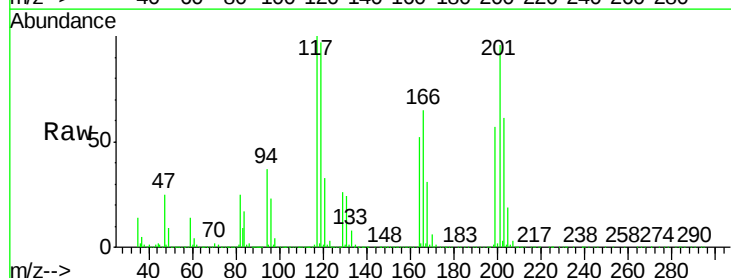
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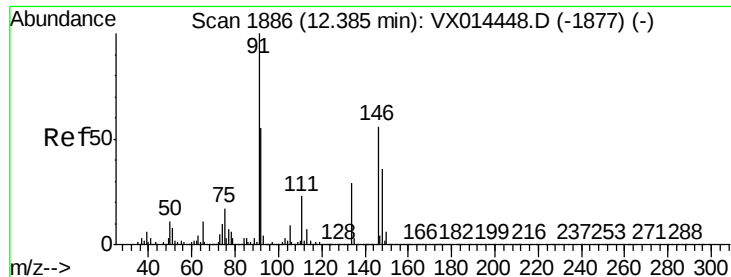
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#90
Hexachloroethane
Concen: 20.255 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 20.132 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Instrument :

MSVOA_X

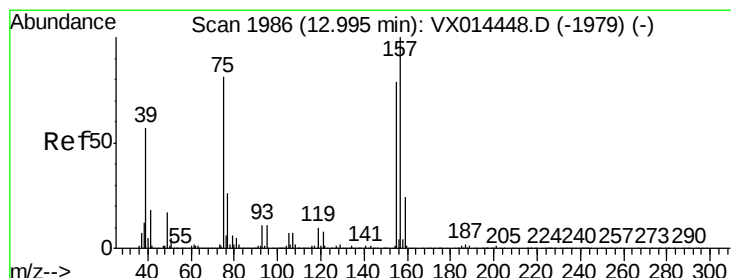
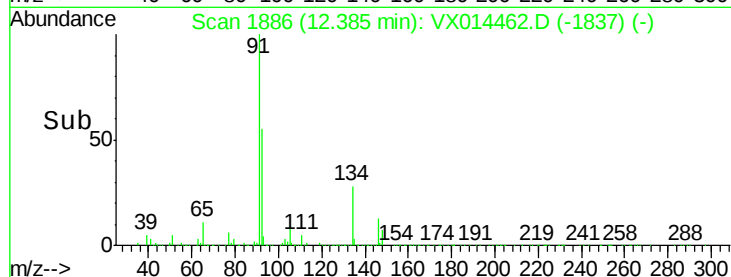
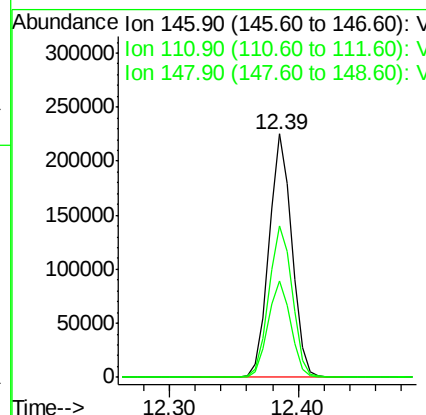
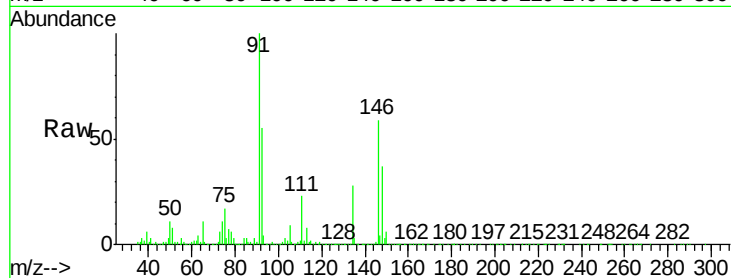
ClientSampleId :

VX0108WBS01

Tgt Ion:	146	Resp:	276832
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.8	59.4
148	63.9	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.943 ug/l

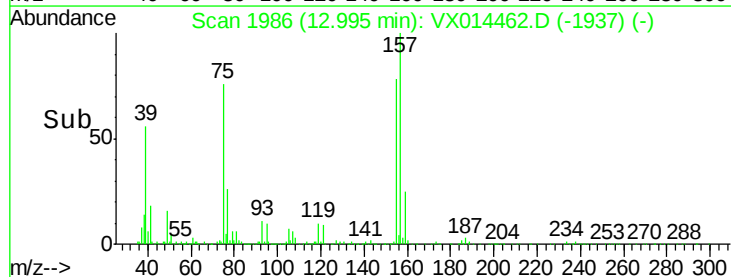
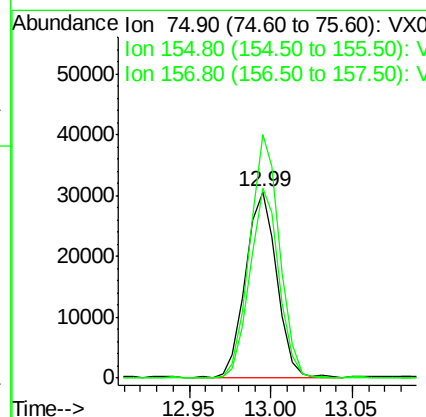
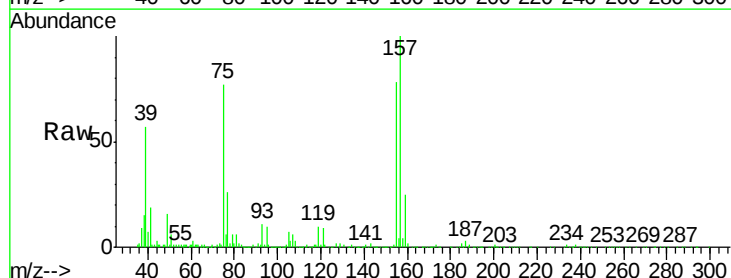
RT: 12.99 min Scan# 1986

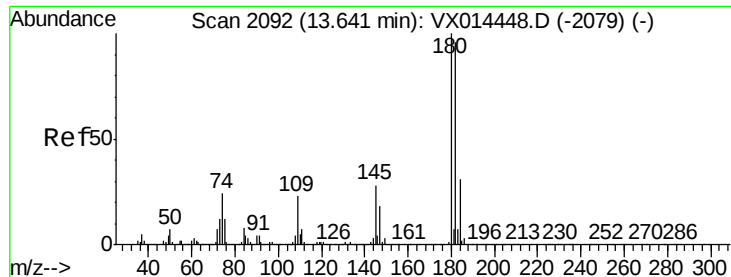
Delta R.T. 0.00 min

Lab File: VX014462.D

Acq: 08 Jan 2020 11:32

Tgt Ion:	75	Resp:	40569
Ion Ratio	Lower	Upper	
75	100		
155	96.8	48.7	146.1
157	125.6	62.0	185.9





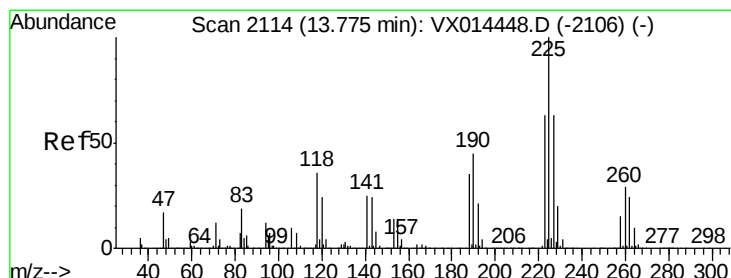
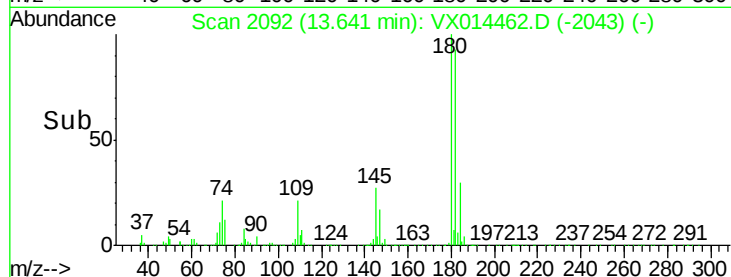
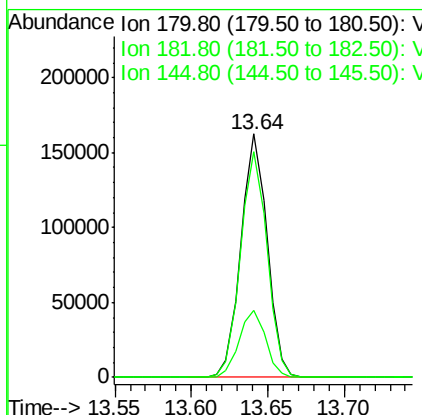
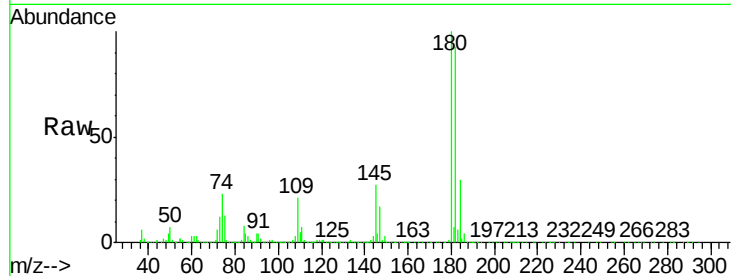
#93
1,2,4-Trichlorobenzene
Concen: 19.993 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193593		
182	94.4	47.5	142.5	
145	28.1	13.9	41.6	

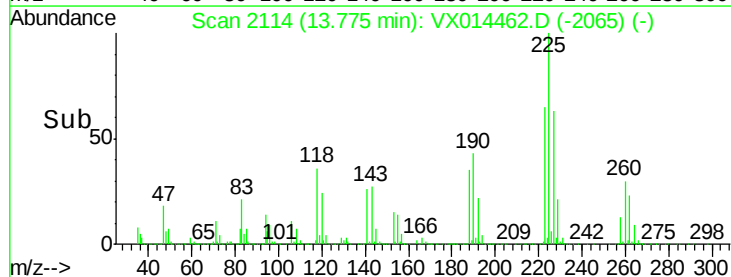
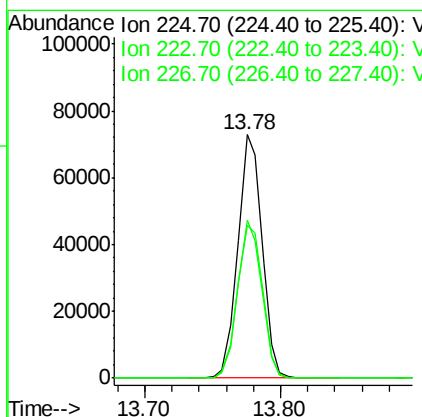
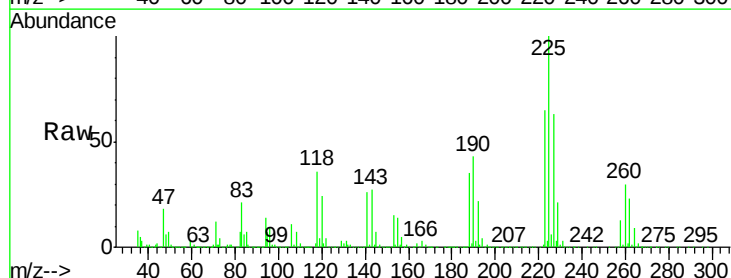
Manual Integrations
APPROVED

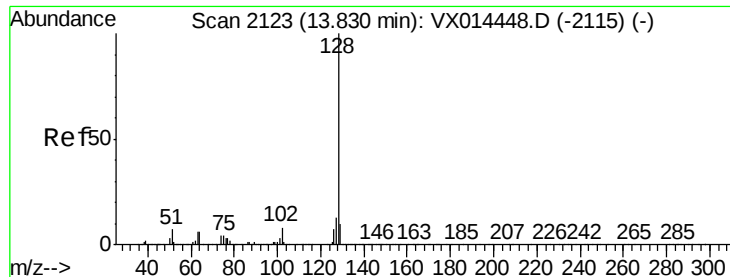
apatel
1/9/2020 2:33:39 PM



#94
Hexachlorobutadiene
Concen: 19.978 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90133		
223	64.6	31.1	93.2	
227	65.3	31.4	94.2	





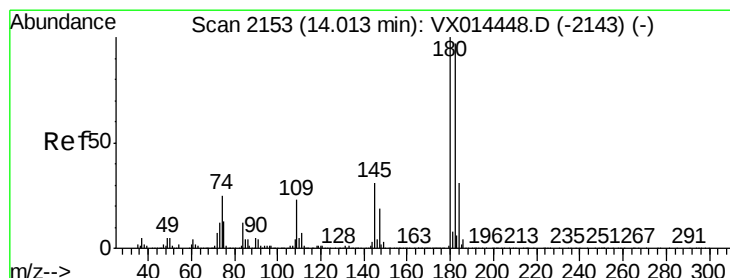
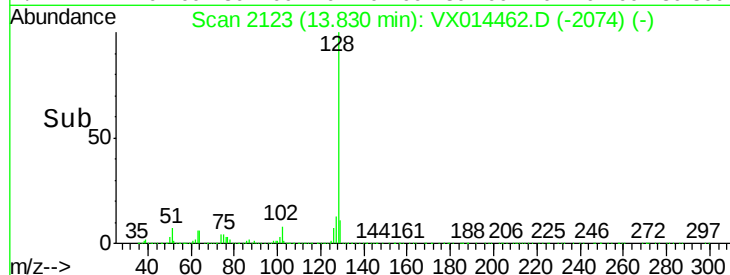
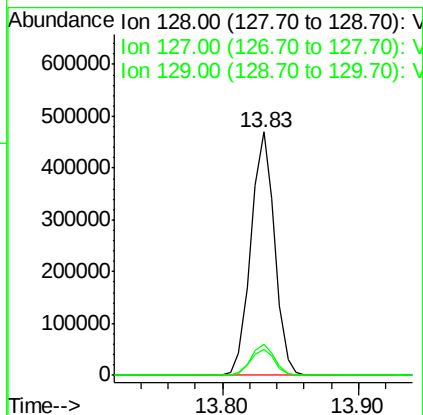
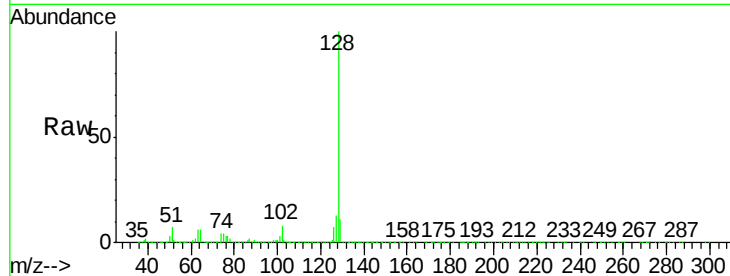
#95
Naphthalene
Concen: 19.174 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	574339		
127	12.8	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

apatel
1/9/2020 2:33:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.985 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014462.D
Acq: 08 Jan 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	190823		
182	96.7	47.9	143.6	
145	29.5	14.8	44.3	

