

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019562.D
 Acq On : 23 Nov 2020 19:46
 Operator : JC/MD
 Sample : L4798-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Manual Integrations
 APPROVED

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 11/24/2020 2:59:56 PM

Quant Time: Nov 24 04:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	278406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	466096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177436	49.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.30%
35) Dibromofluoromethane	5.46	113	143750	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%
50) Toluene-d8	8.70	98	541641	47.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.28%
62) 4-Bromofluorobenzene	11.12	95	200064	48.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	191921	70.888	ug/l	100
3) Chloromethane	1.31	50	134009	43.135	ug/l	99
4) Vinyl Chloride	1.39	62	529105	158.209	ug/l	99
5) Bromomethane	1.62	94	52518	41.459	ug/l	99
6) Chloroethane	1.69	64	37963	46.281	ug/l	94
7) Trichlorofluoromethane	1.89	101	239411	49.599	ug/l	99
8) Diethyl Ether	2.17	74	99325	51.380	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	227758	84.576	ug/l	99
10) Methyl Iodide	2.48	142	176475	49.883	ug/l	100
11) Tert butyl alcohol	3.05	59	178883	261.850	ug/l	99
12) 1,1-Dichloroethene	2.34	96	172053	62.248	ug/l	98
13) Acrolein	2.28	56	102619	223.469	ug/l	99
14) Allyl chloride	2.70	41	206152	47.610	ug/l	98
15) Acrylonitrile	3.12	53	405145	251.470	ug/l	99
16) Acetone	2.43	43	323221	231.540	ug/l	99
17) Carbon Disulfide	2.54	76	335704	45.210	ug/l	100
18) Methyl Acetate	2.75	43	163970	47.932	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	508168	53.263	ug/l	97
20) Methylene Chloride	2.83	84	161665	46.335	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176886	56.484	ug/l	98
22) Diisopropyl ether	3.83	45	452459	50.512	ug/l	92
23) Vinyl Acetate	3.79	43	1858066	247.300	ug/l	98
24) 1,1-Dichloroethane	3.67	63	276940	50.547	ug/l	99
25) 2-Butanone	4.64	43	507106	241.824	ug/l	98
26) 2,2-Dichloropropane	4.55	77	211909	44.312	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	6277238	1745.031	ug/l	88
28) Bromochloromethane	4.98	49	111887	42.714	ug/l	96
29) Tetrahydrofuran	5.09	42	338310	252.850	ug/l	98
30) Chloroform	5.17	83	291413	50.867	ug/l	97
31) Cyclohexane	5.54	56	225748	48.083	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	253920	51.598	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213889	48.949	ug/l	99
37) Ethyl Acetate	4.80	43	194351	47.377	ug/l #	78
38) Carbon Tetrachloride	5.75	117	216154	51.106	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	7.44	83	229997	45.205	ug/l	97
40) Benzene	6.11	78	651745	48.544	ug/l	99
41) Methacrylonitrile	5.01	41	109425	48.372	ug/l	97
42) 1,2-Dichloroethane	6.16	62	229263	49.821	ug/l	100
43) Isopropyl Acetate	6.42	43	328207	47.595	ug/l	99
44) Trichloroethene	7.22	130	24390318	6935.512	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156549	47.365	ug/l	99
46) Dibromomethane	7.63	93	112946	49.929	ug/l	99
47) Bromodichloromethane	7.87	83	225201	51.303	ug/l	99
48) Methyl methacrylate	7.74	41	163832	50.730	ug/l	98
49) 1,4-Dioxane	7.72	88	80936	1103.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1023751	254.591	ug/l	99
52) Toluene	8.76	92	401049	48.830	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243517	51.367	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	263103	50.010	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164613	49.213	ug/l	98
56) Ethyl methacrylate	9.16	69	249145	52.639	ug/l	99
57) 1,3-Dichloropropane	9.35	76	276241	49.327	ug/l	100
59) 2-Hexanone	9.48	43	789048	258.727	ug/l	99
60) Dibromochloromethane	9.57	129	170910	52.165	ug/l	98
61) 1,2-Dibromoethane	9.65	107	174920	50.732	ug/l	100
64) Tetrachloroethene	9.32	164	173635	53.604	ug/l	97
65) Chlorobenzene	10.12	112	422721	49.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160521	52.086	ug/l	98
67) Ethyl Benzene	10.23	91	749089	50.468	ug/l	99
68) m/p-Xylenes	10.34	106	565338	102.234	ug/l	98
69) o-Xylene	10.68	106	276085	52.228	ug/l	98
70) Styrene	10.70	104	469411	48.039	ug/l	100
71) Bromoform	10.84	173	123616	47.541	ug/l #	99
73) Isopropylbenzene	11.00	105	729573	51.303	ug/l	100
74) N-amyl acetate	10.88	43	277736	52.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260888	51.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	231692m	51.645	ug/l	
77) Bromobenzene	11.24	156	186779	51.449	ug/l	96
78) n-propylbenzene	11.34	91	806005	49.406	ug/l	100
79) 2-Chlorotoluene	11.40	91	494983	50.029	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	613483	51.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80824	48.773	ug/l	100
82) 4-Chlorotoluene	11.49	91	586484	50.354	ug/l	100
83) tert-Butylbenzene	11.76	119	598232	51.834	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	622661	51.586	ug/l	99
85) sec-Butylbenzene	11.93	105	673096	49.023	ug/l	100
86) p-Isopropyltoluene	12.05	119	613586	49.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332291	49.840	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335294	48.823	ug/l	99
89) n-Butylbenzene	12.37	91	522404	46.354	ug/l	98
90) Hexachloroethane	12.58	117	106504	51.057	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	326312	48.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57030	54.969	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	217790	50.660	ug/l	96

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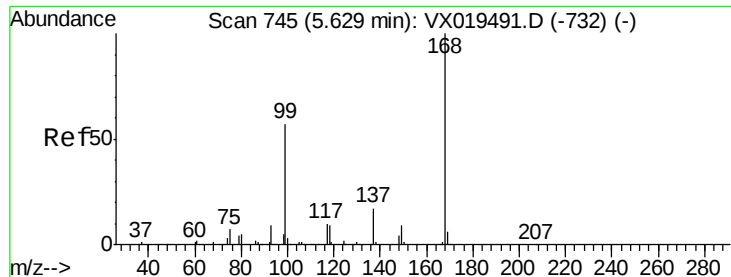
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	77768	39.709	ug/l	98
95) Naphthalene	13.82	128	743047	49.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216525	50.352	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion:168 Resp: 278406

Ion Ratio Lower Upper

168 100

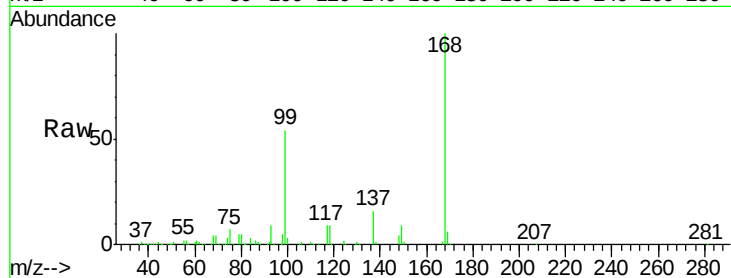
99 53.5 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

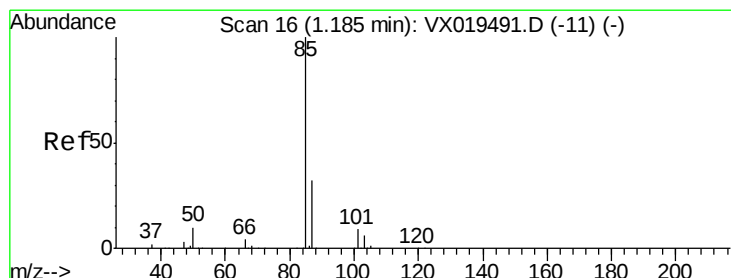
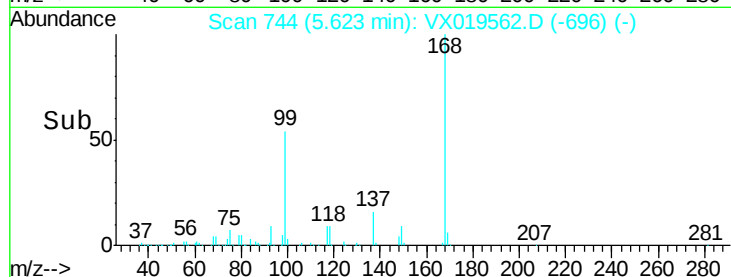
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 70.888 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019562.D

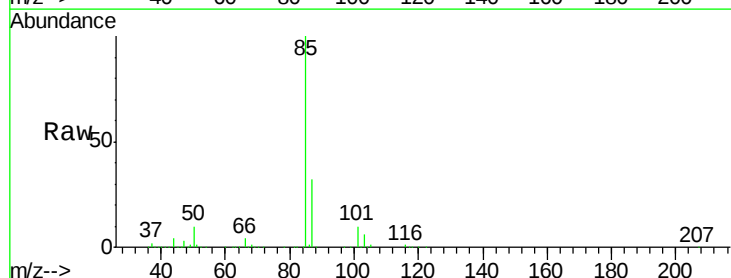
Acq: 23 Nov 2020 19:46

Tgt Ion: 85 Resp: 191921

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

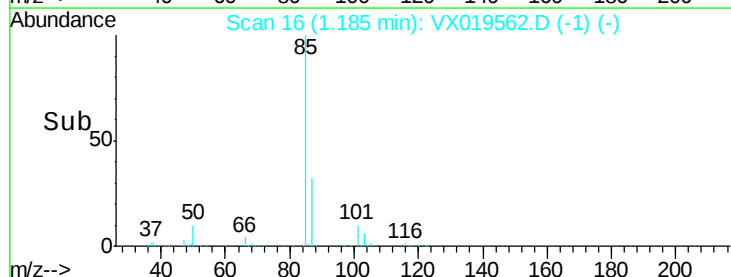
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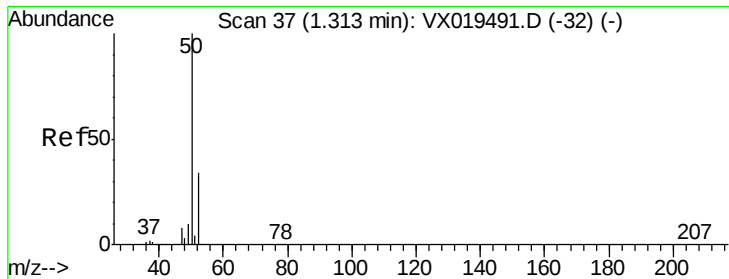
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.135 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 50 Resp: 134009

Ion Ratio Lower Upper

50 100

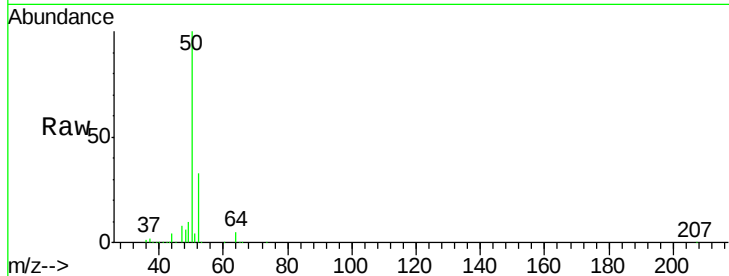
52 33.0 27.0 40.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

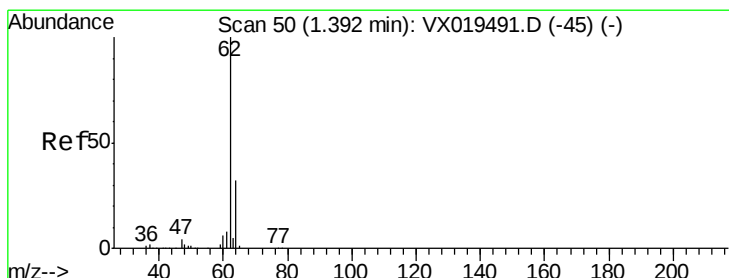
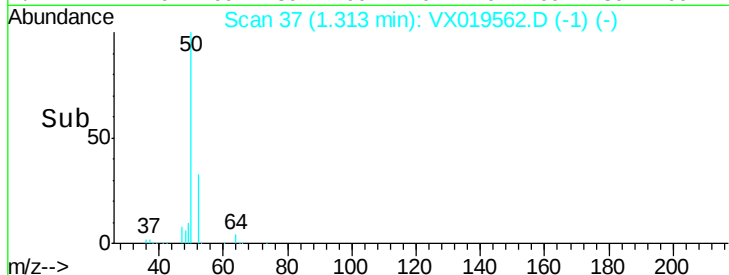
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 158.209 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019562.D

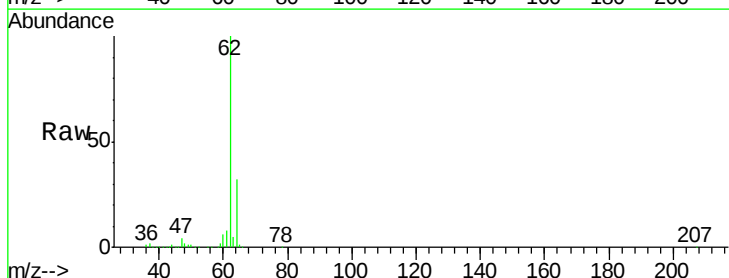
Acq: 23 Nov 2020 19:46

Tgt Ion: 62 Resp: 529105

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

600000

500000

400000

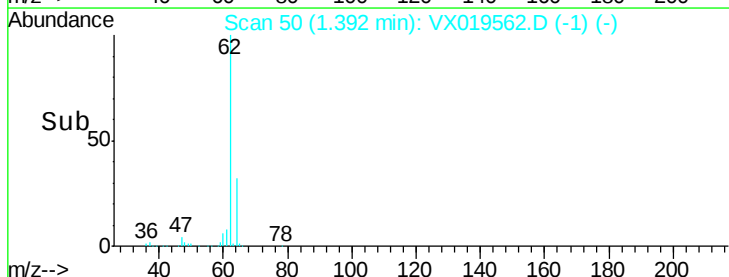
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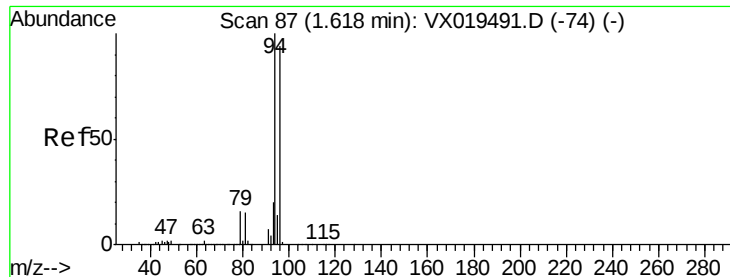
200000

100000

0

Time-->





#5

Bromomethane

Concen: 41.459 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 52518

Ion Ratio Lower Upper

94 100

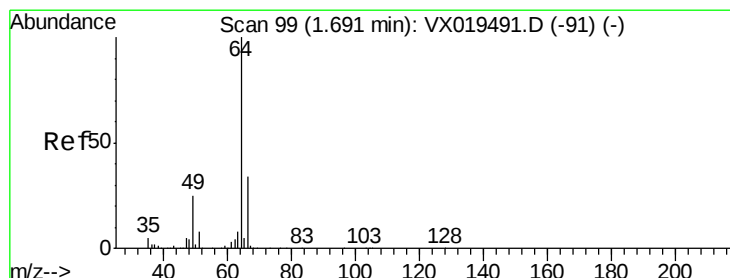
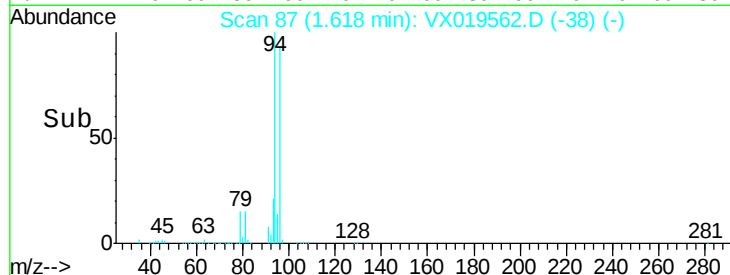
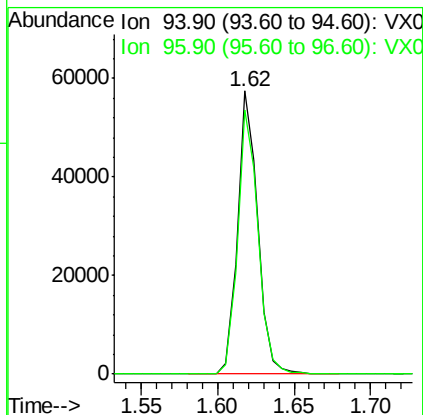
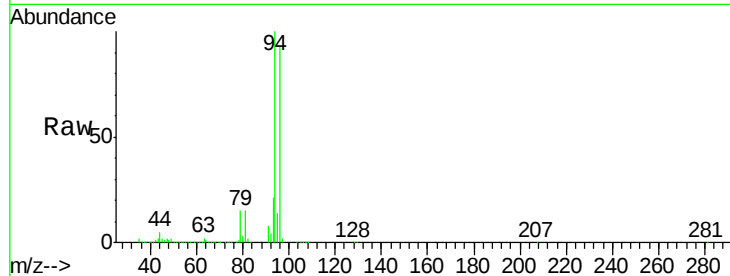
96 93.4 75.6 113.4

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#6

Chloroethane

Concen: 46.281 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019562.D

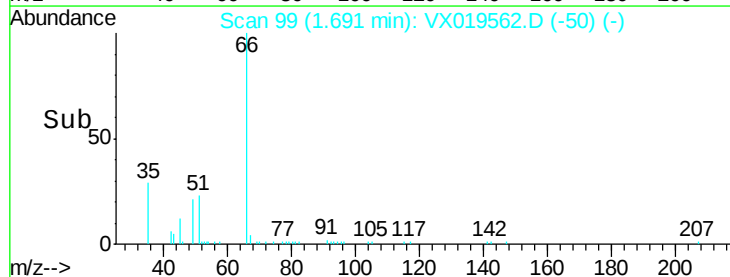
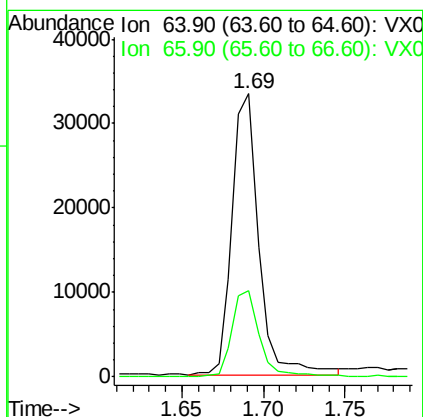
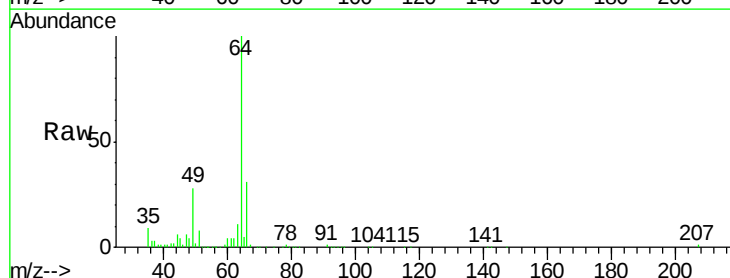
Acq: 23 Nov 2020 19:46

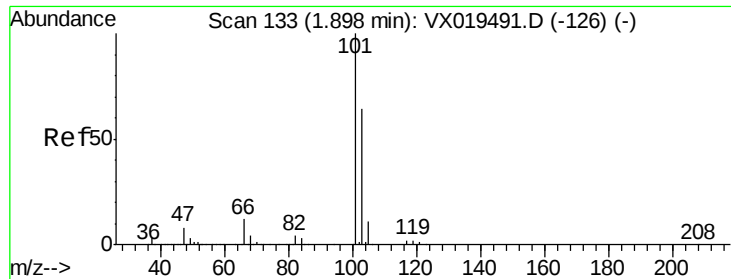
Tgt Ion: 64 Resp: 37963

Ion Ratio Lower Upper

64 100

66 30.7 27.1 40.7





#7

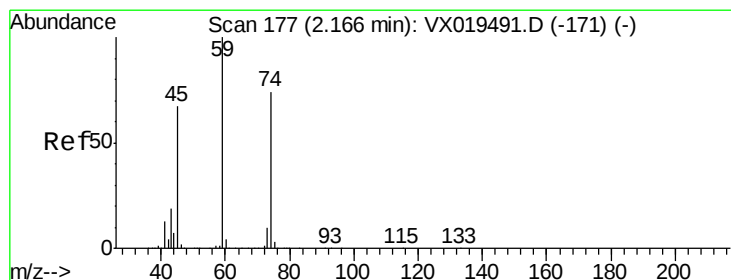
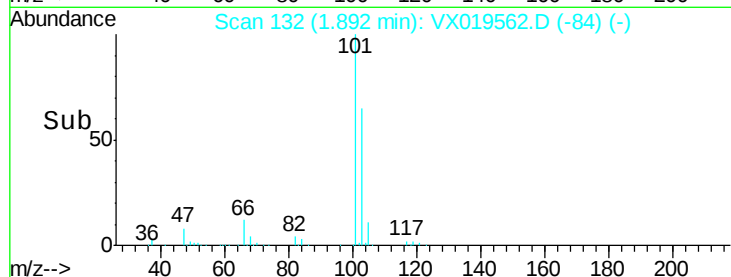
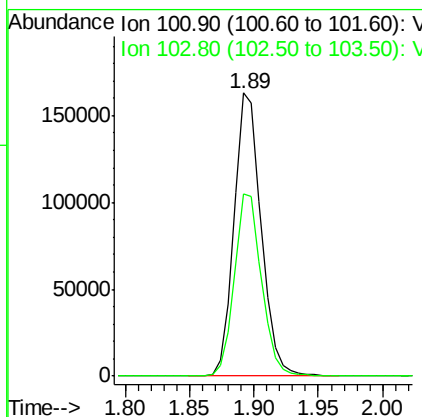
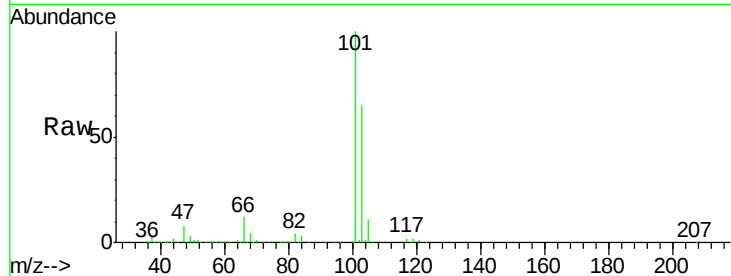
Trichlorofluoromethane
Concen: 49.599 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.9	76.3

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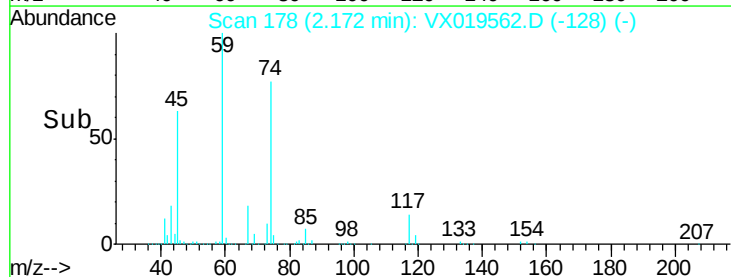
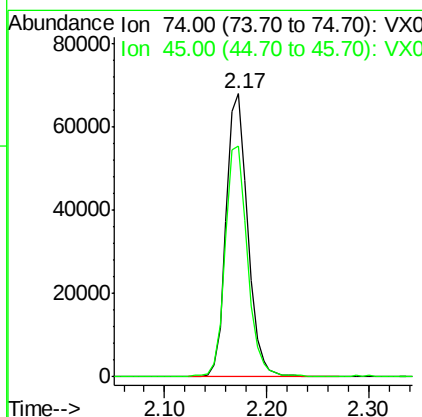
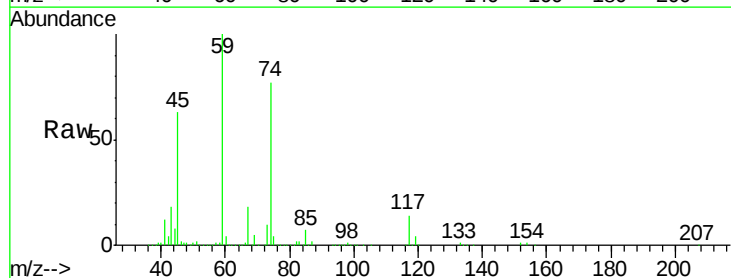
MMDadoda
11/24/2020 2:59:56 PM

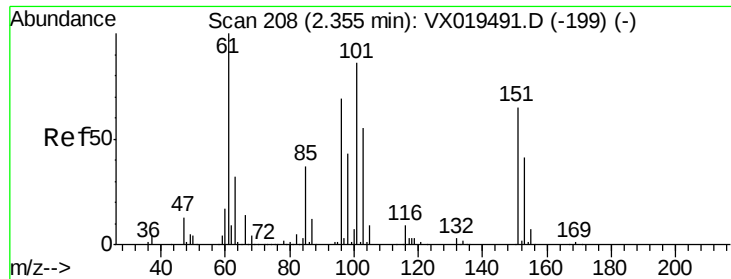


#8

Diethyl Ether
Concen: 51.380 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.0	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.576 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019562.D

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MSVOA_X

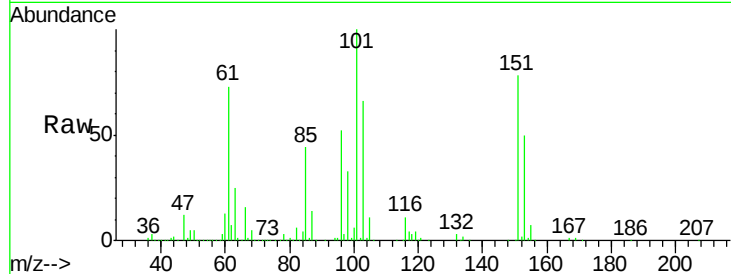
ClientSampleId :

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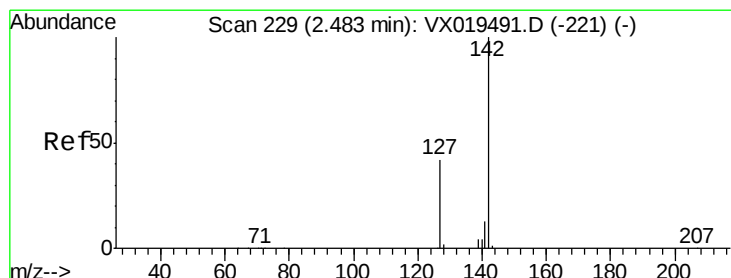
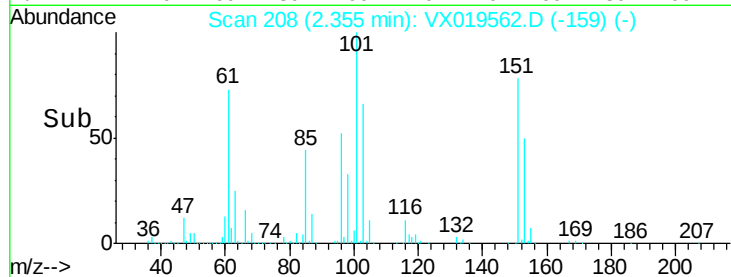
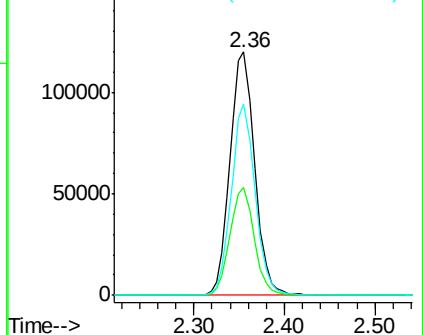
Tot Ion:	101	Resp:	227758
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	76.0	60.9	91.3

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



#10

Methyl Iodide

Concen: 49.883 ug/l

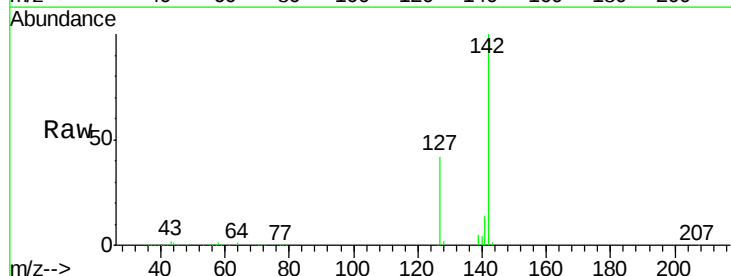
RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

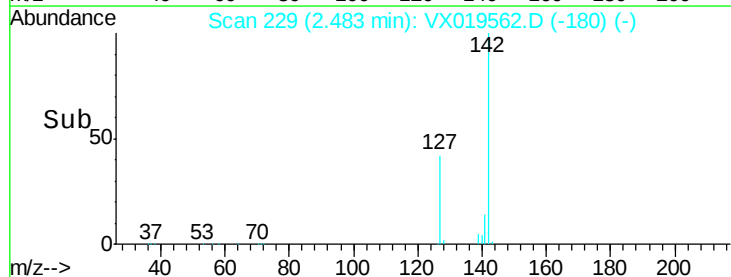
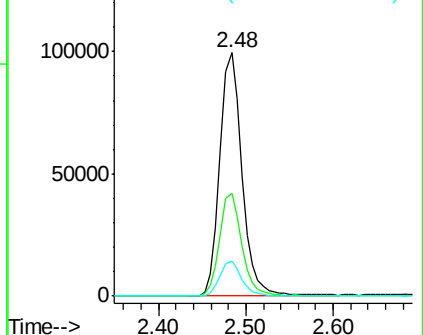
Lab File: VX019562.D

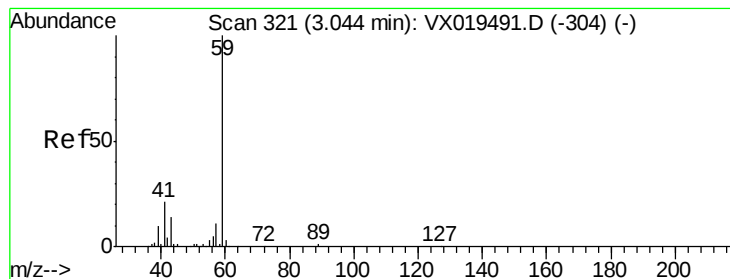
Acq: 23 Nov 2020 19:46

Tgt Ion:	142	Resp:	176475
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.8	50.6
141	14.1	11.0	16.6



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





#11

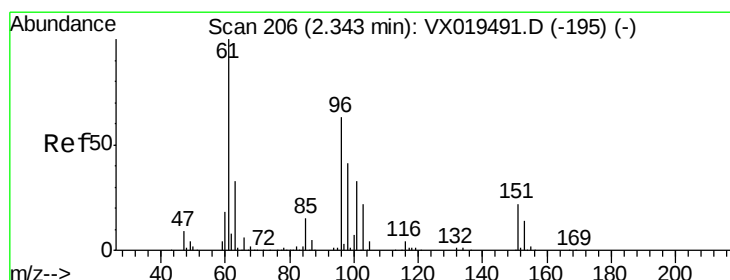
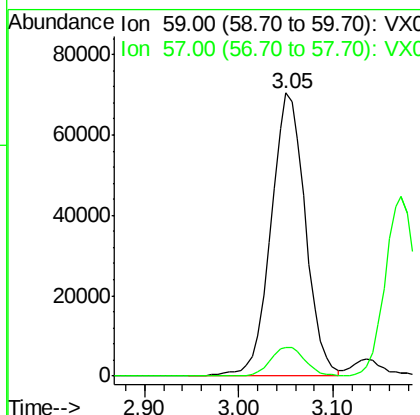
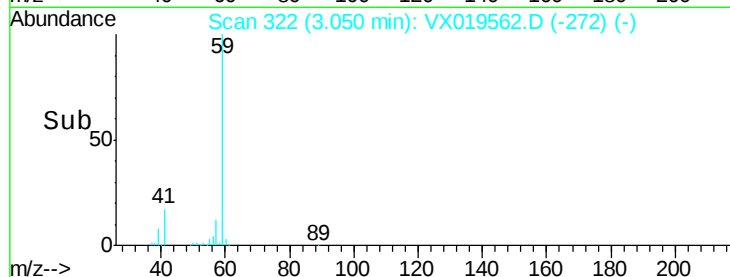
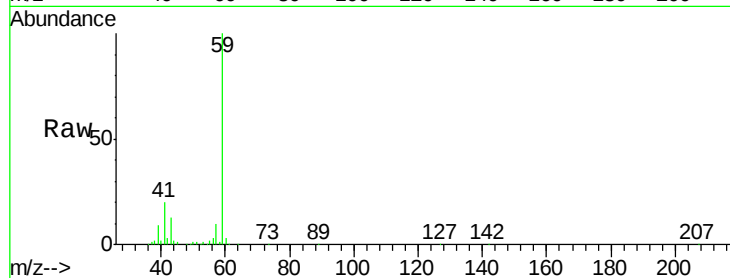
Tert butyl alcohol
Concen: 261.850 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion: 59 Resp: 178883
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

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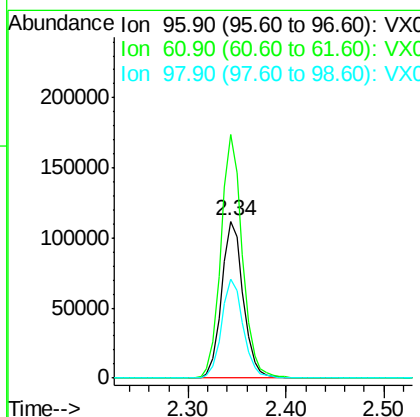
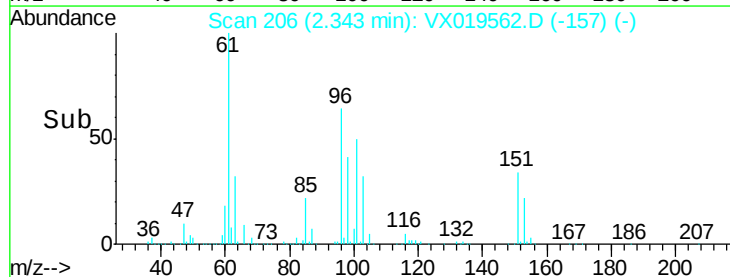
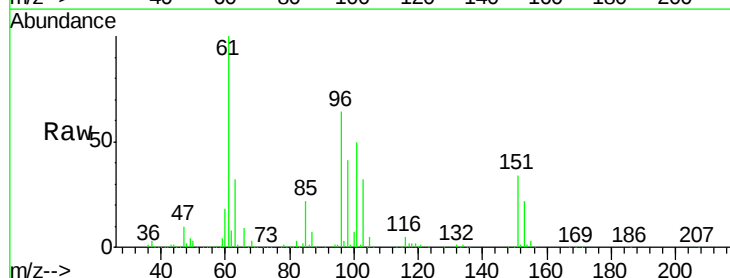
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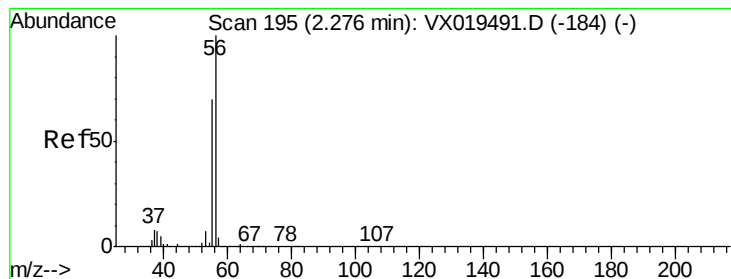


#12

1,1-Dichloroethene
Concen: 62.248 ug/l
RT: 2.34 min Scan# 206
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion: 96 Resp: 172053
Ion Ratio Lower Upper
96 100
61 155.4 126.0 189.0
98 63.1 52.0 78.0





#13

Acrolein

Concen: 223.469 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 56 Resp: 102619

Ion Ratio Lower Upper

56 100

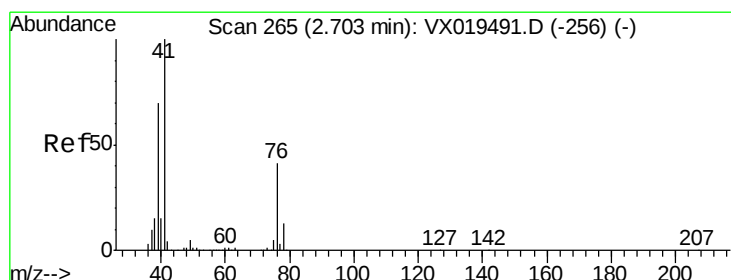
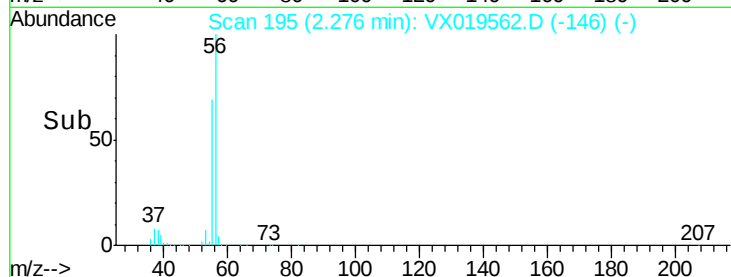
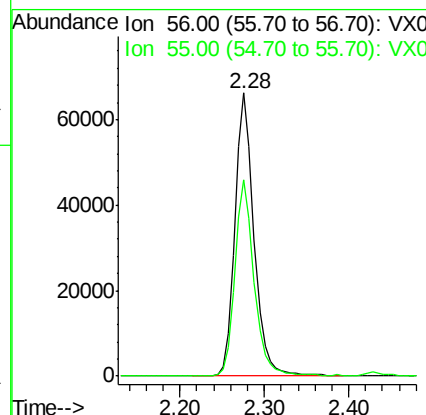
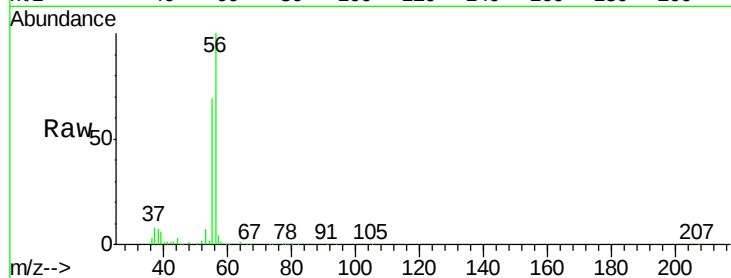
55 68.8 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 47.610 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

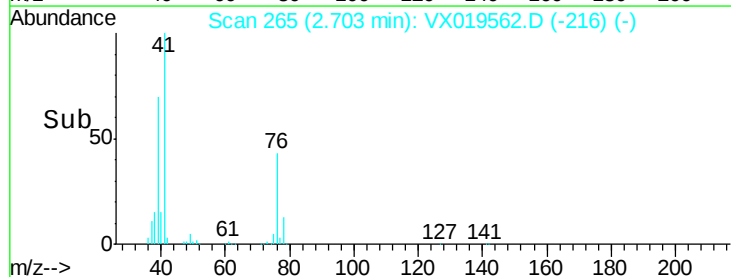
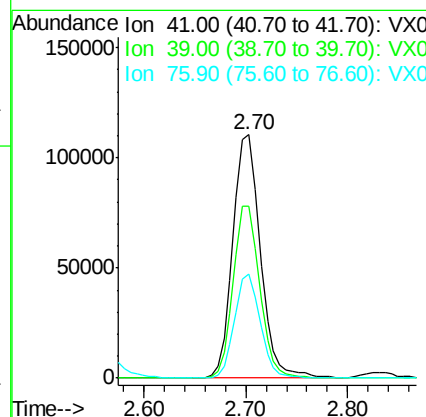
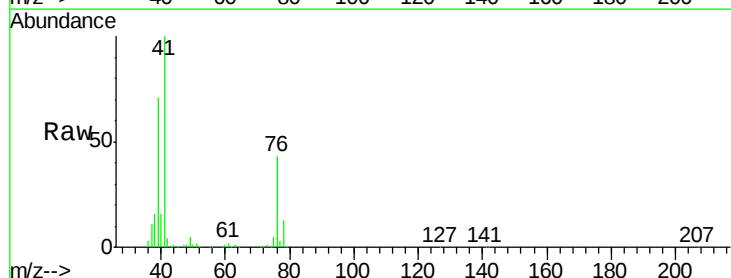
Tgt Ion: 41 Resp: 206152

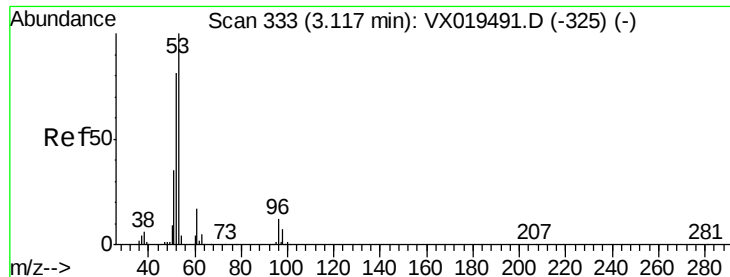
Ion Ratio Lower Upper

41 100

39 67.9 53.0 79.4

76 40.0 31.0 46.6





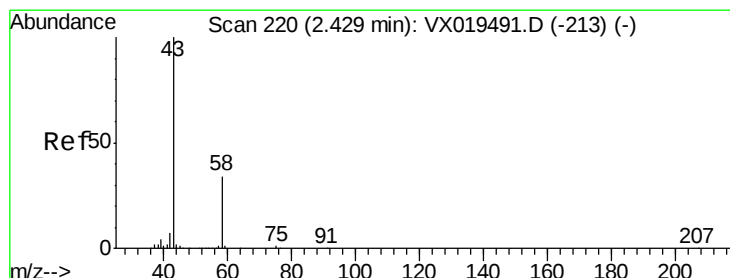
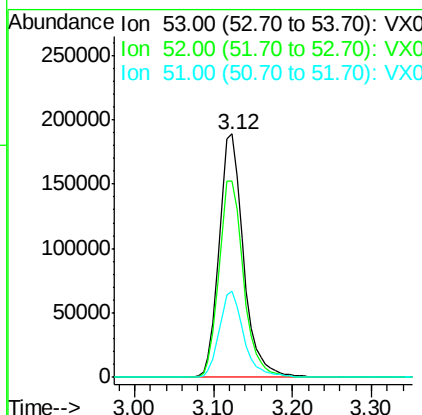
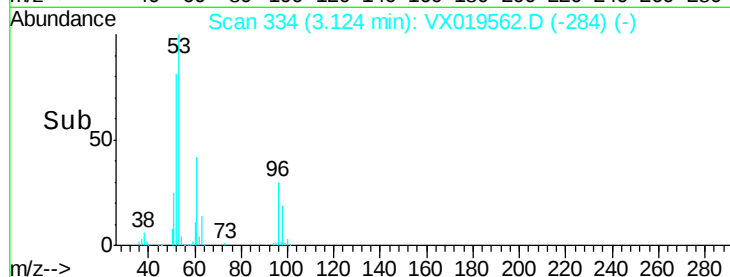
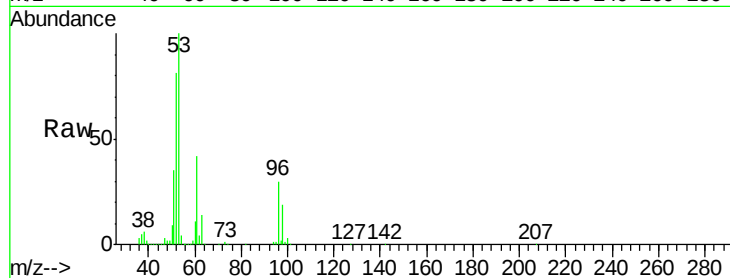
#15
Acrylonitrile
Concen: 251.470 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.6	28.5	42.7

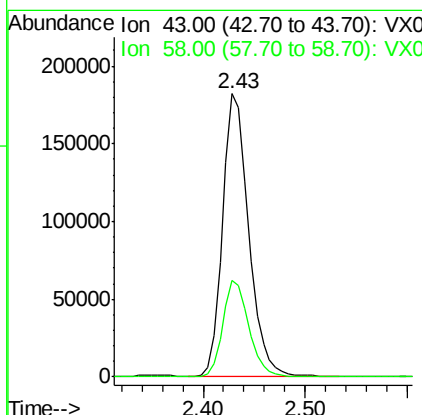
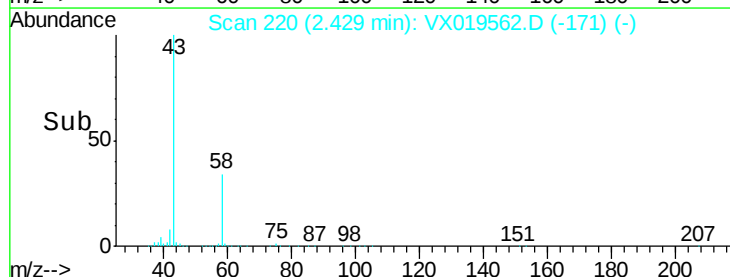
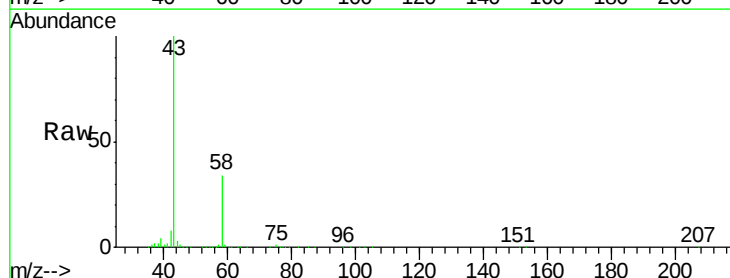
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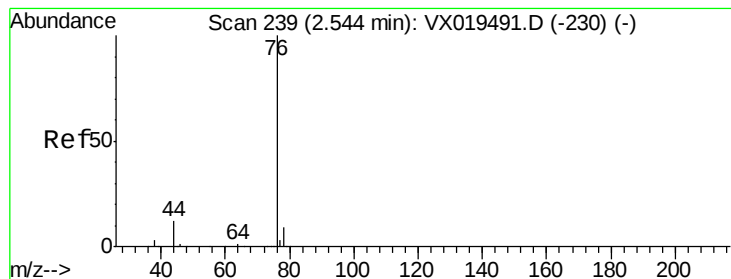
MMDadoda
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#16
Acetone
Concen: 231.540 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.4	41.2





#17

Carbon Disulfide

Concen: 45.210 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 76 Resp: 335704

Ion Ratio Lower Upper

76 100

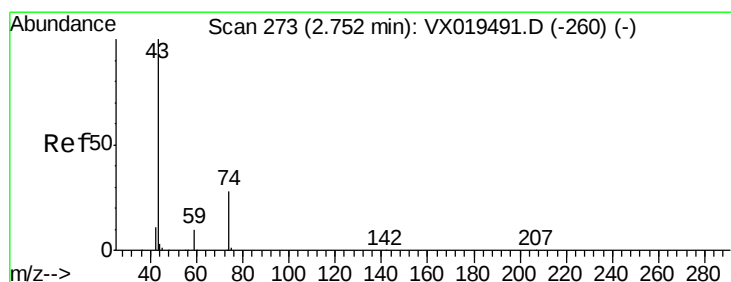
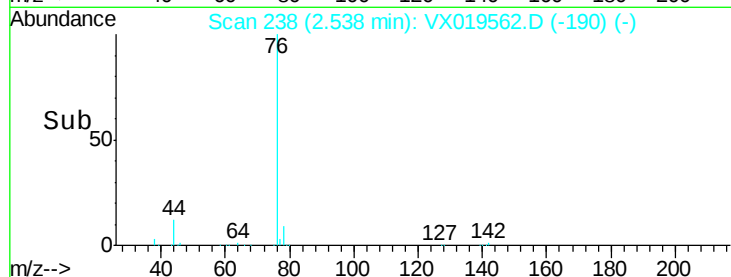
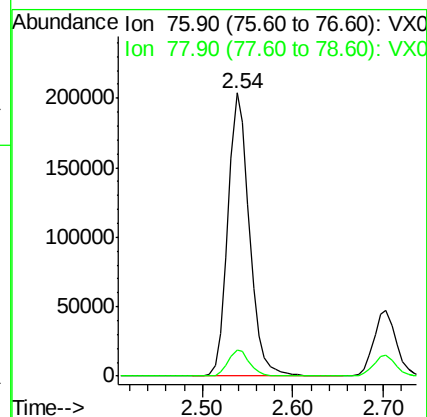
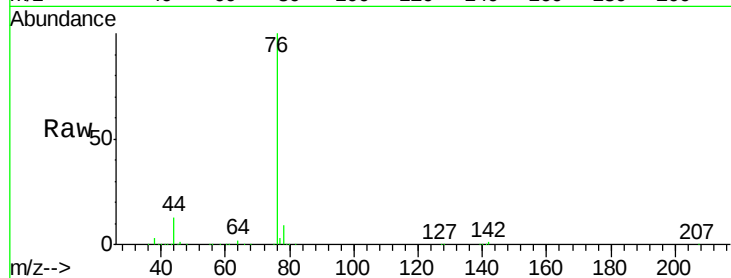
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 47.932 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019562.D

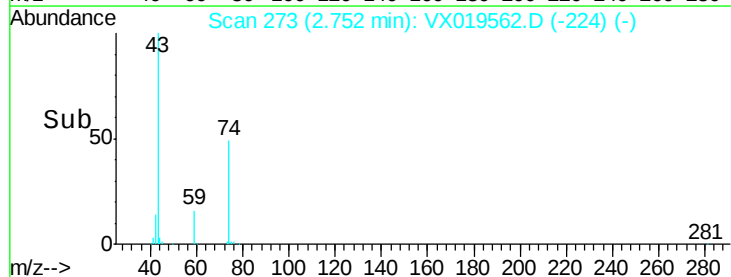
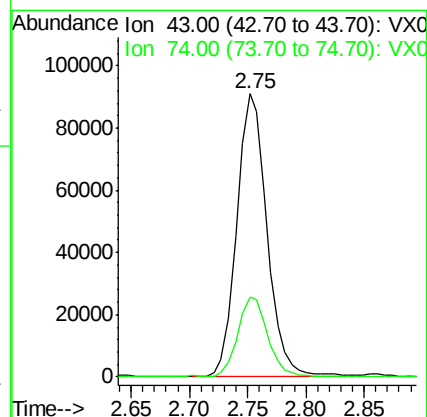
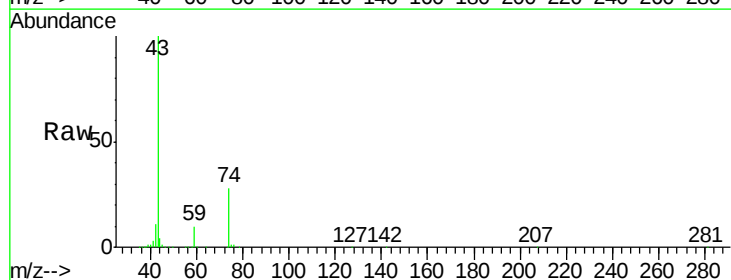
Acq: 23 Nov 2020 19:46

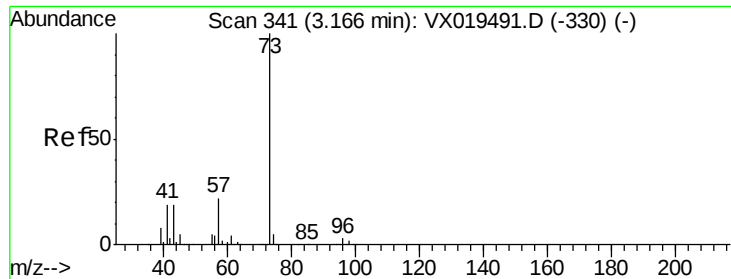
Tgt Ion: 43 Resp: 163970

Ion Ratio Lower Upper

43 100

74 28.0 22.2 33.4





#19

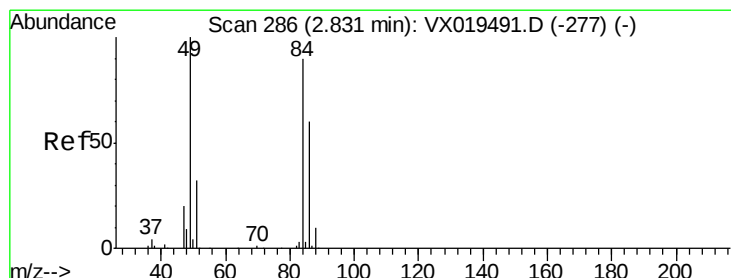
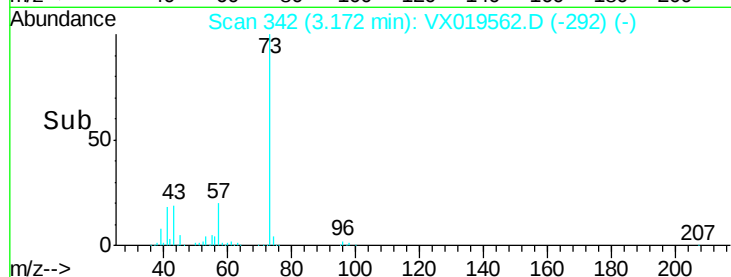
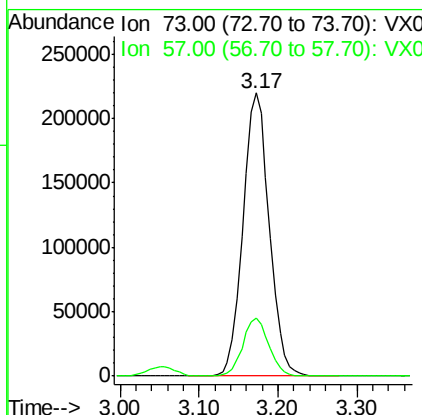
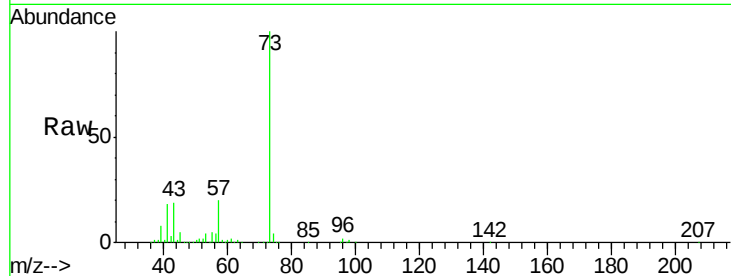
Methyl tert-butyl Ether
 Concen: 53.263 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.3	25.9

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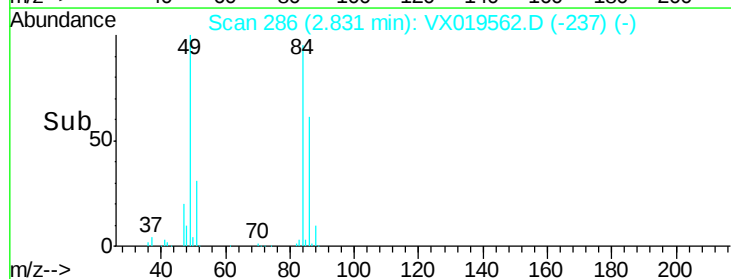
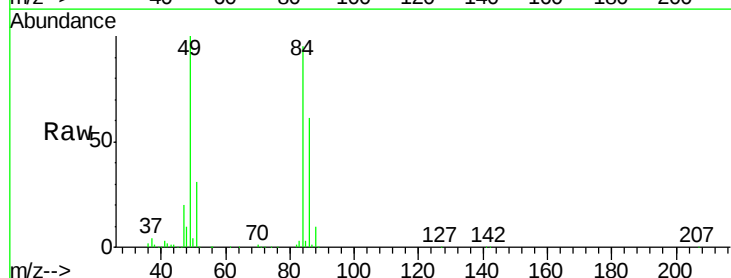
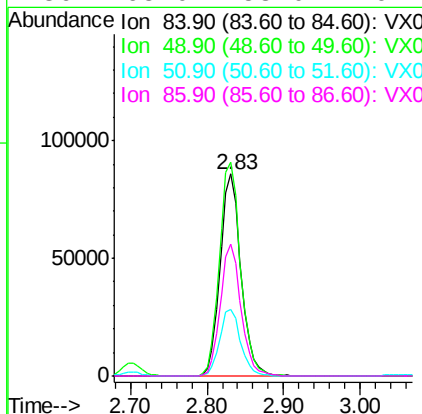
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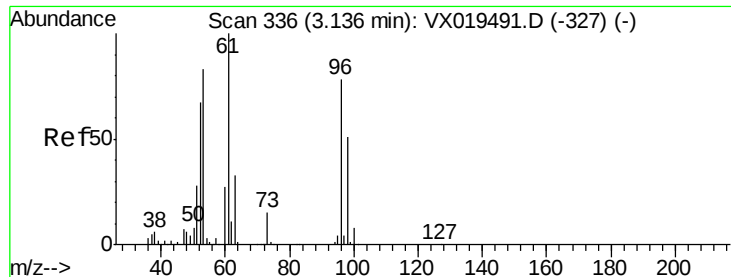


#20

Methylene Chloride
 Concen: 46.335 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.5	132.7
51	33.2	28.0	42.0
86	65.0	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 56.484 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 96 Resp: 176886

Ion Ratio Lower Upper

96 100

61 130.6 102.9 154.3

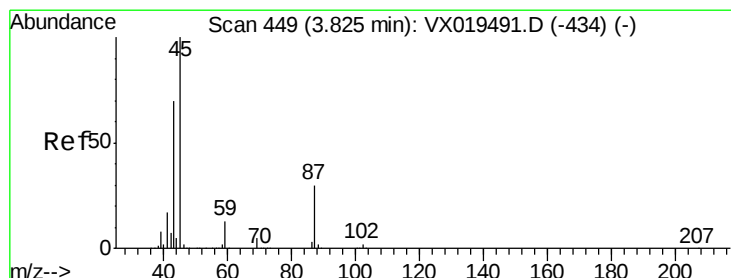
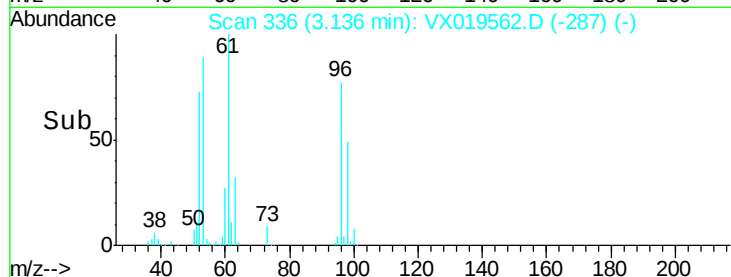
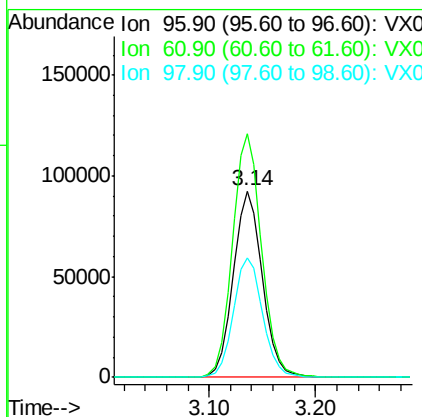
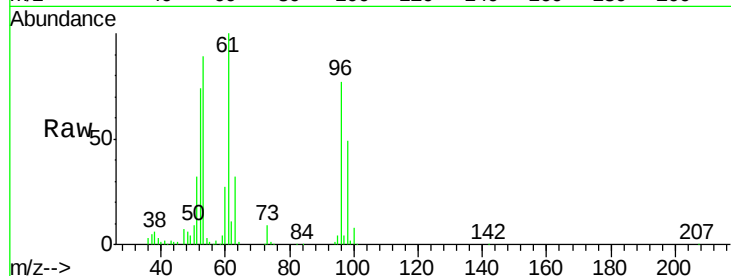
98 64.0 52.1 78.1

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#22

Diisopropyl ether

Concen: 50.512 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion: 45 Resp: 452459

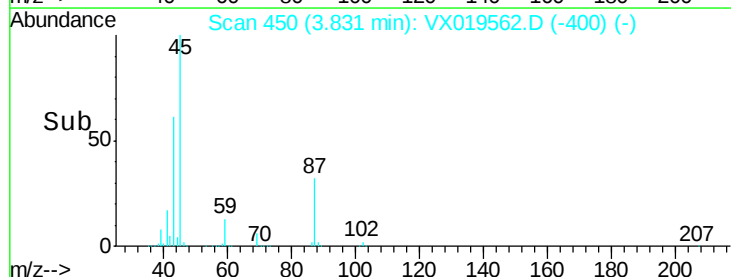
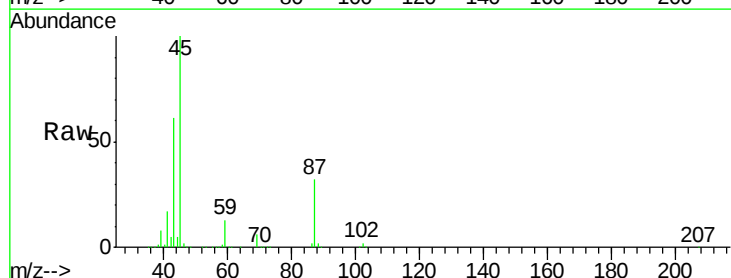
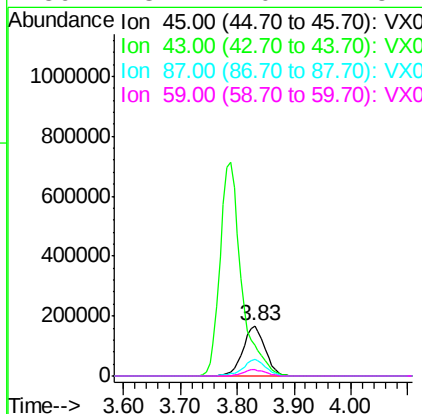
Ion Ratio Lower Upper

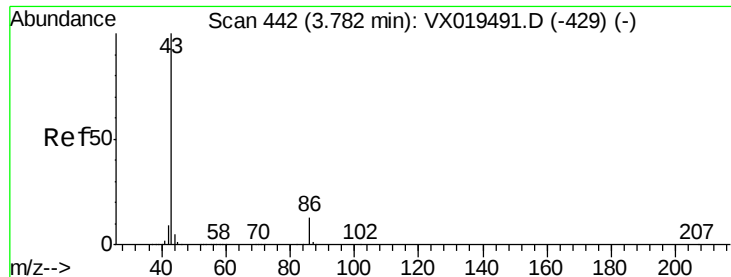
45 100

43 60.8 56.1 84.1

87 32.5 24.2 36.2

59 13.1 10.2 15.2





#23

Vinyl Acetate

Concen: 247.300 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 43 Resp: 1858066

Ion Ratio Lower Upper

43 100

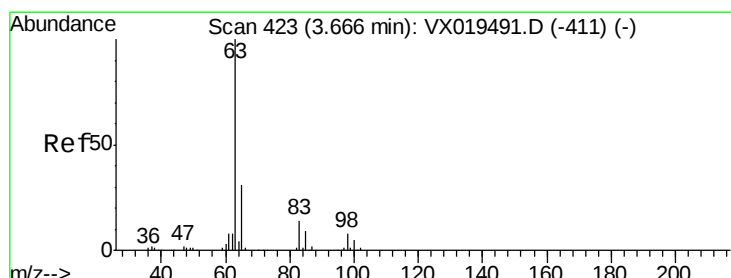
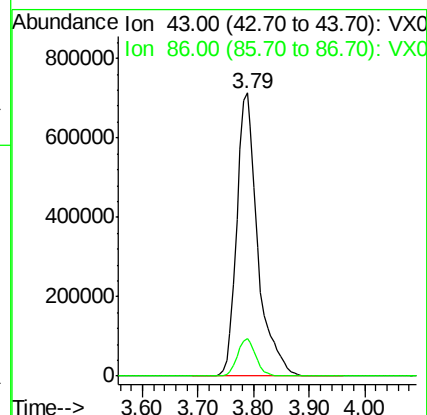
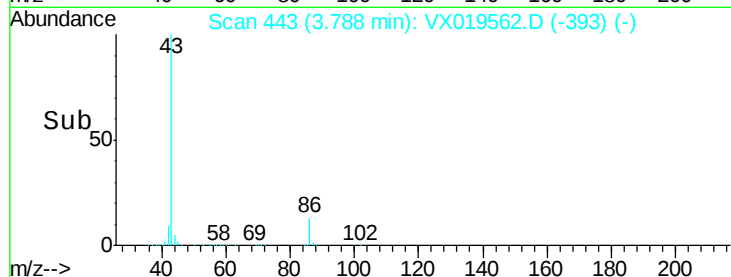
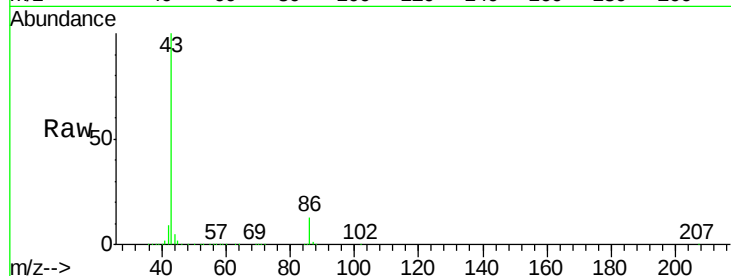
86 13.3 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

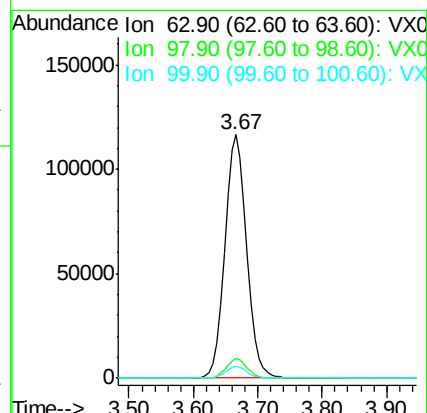
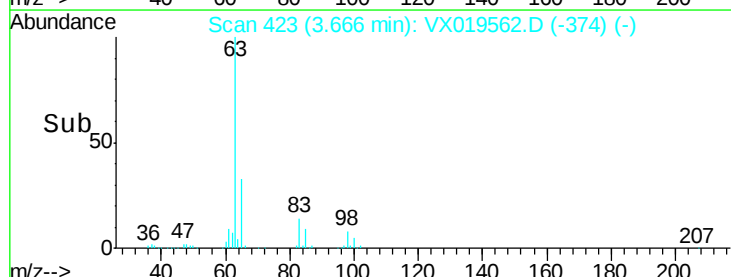
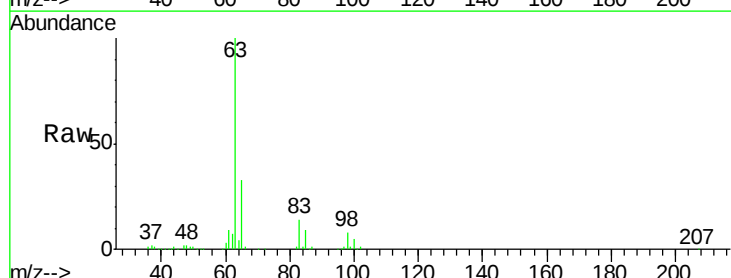
Tgt Ion: 63 Resp: 276940

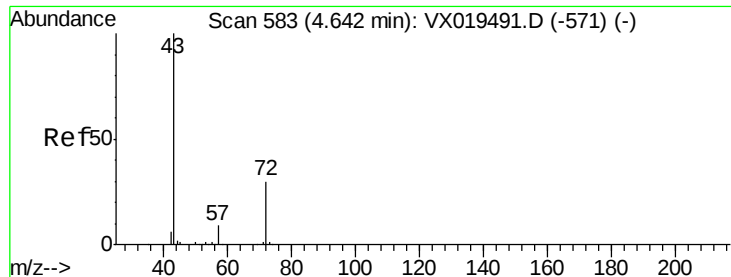
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 241.824 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 43 Resp: 507106

Ion Ratio Lower Upper

43 100

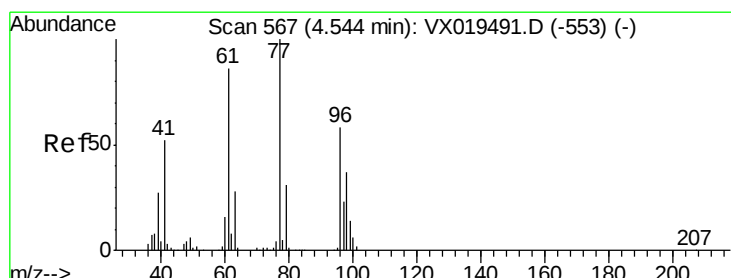
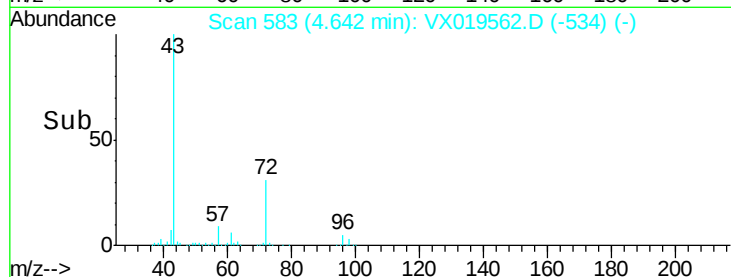
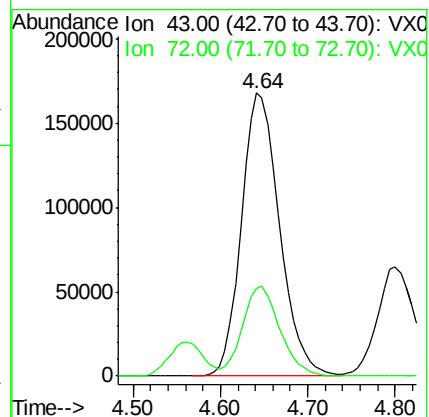
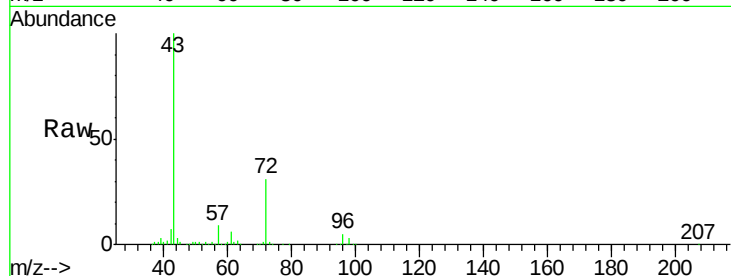
72 31.0 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.312 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019562.D

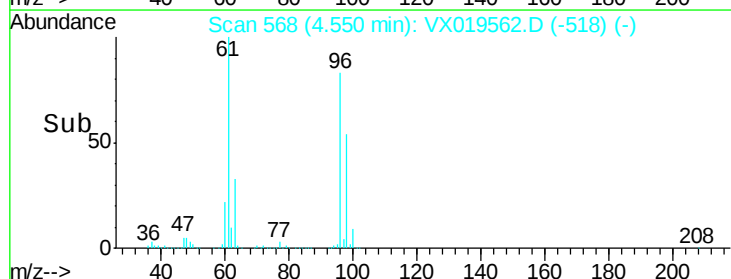
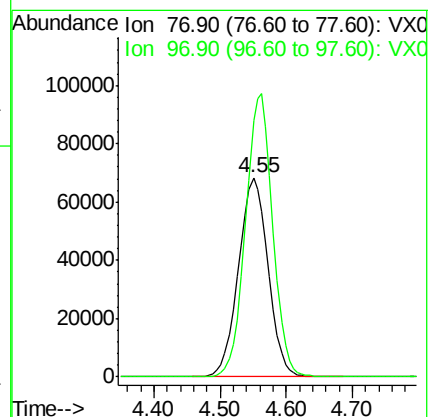
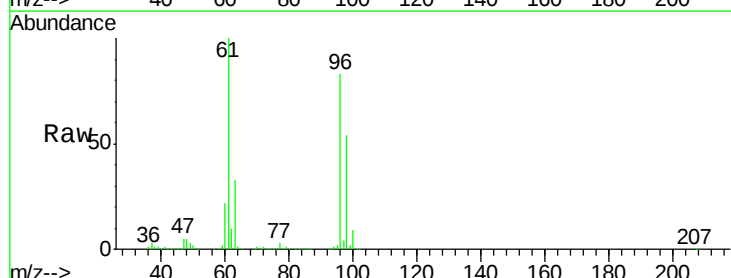
Acq: 23 Nov 2020 19:46

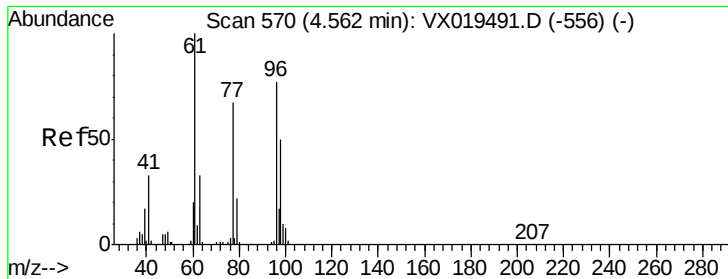
Tgt Ion: 77 Resp: 211909

Ion Ratio Lower Upper

77 100

97 130.6 11.6 34.8#





#27

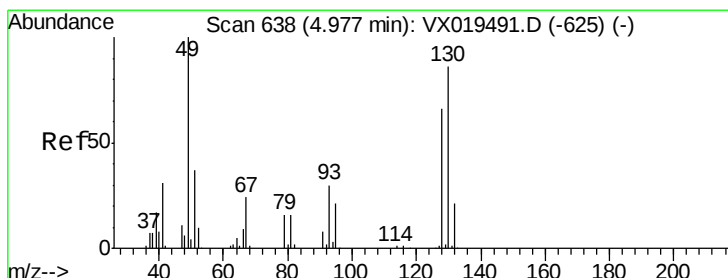
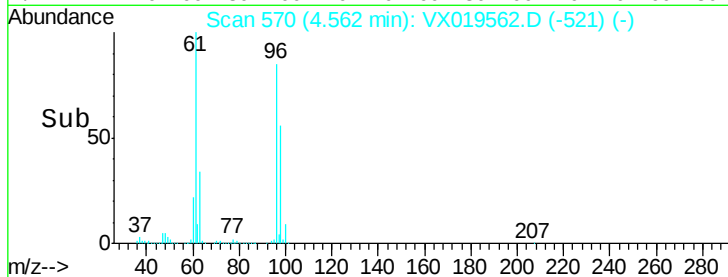
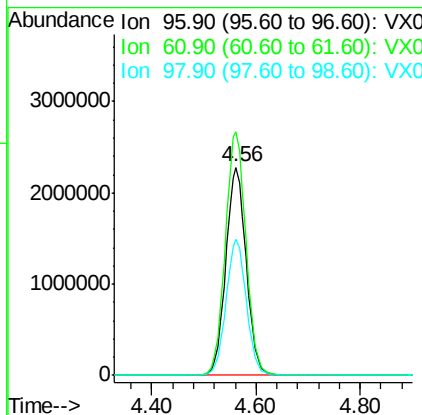
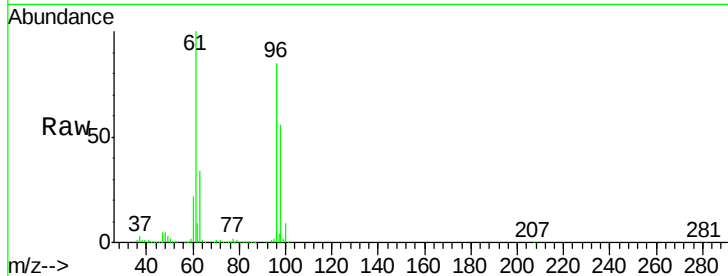
cis-1,2-Dichloroethene
Concen: 1745.031 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.9	0.0	279.2
98	65.2	0.0	129.8

Manual Integrations
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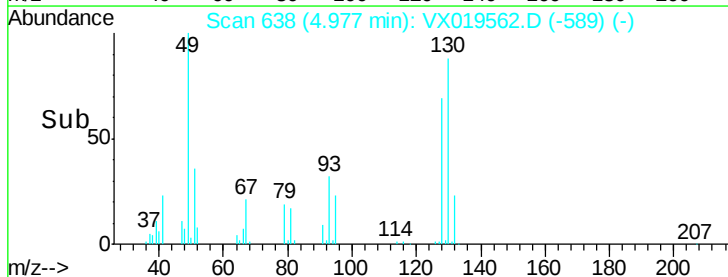
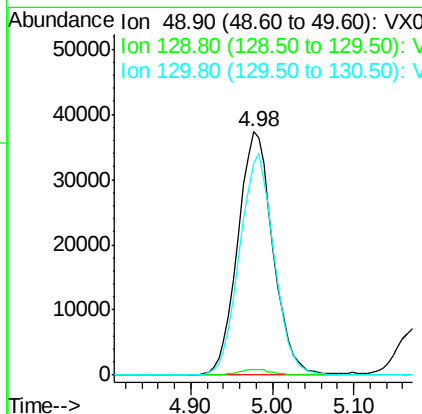
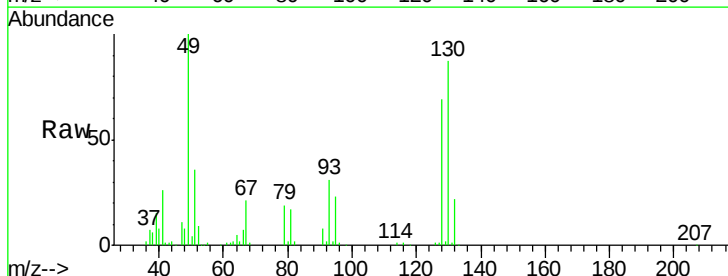
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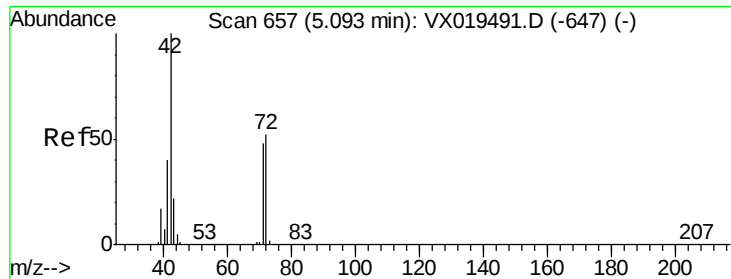


#28

Bromochloromethane
Concen: 42.714 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	89.6	69.0	103.6





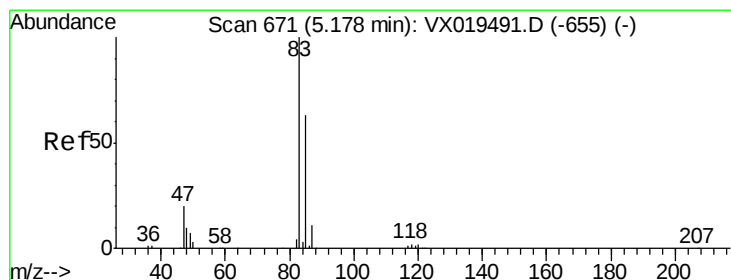
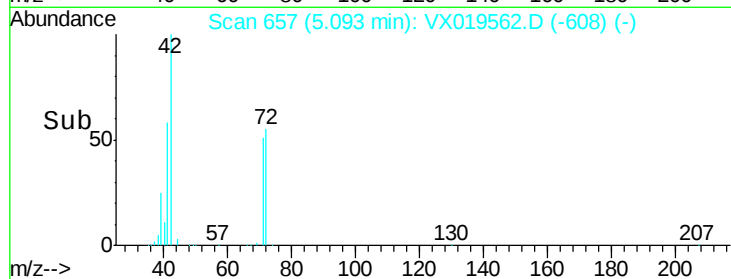
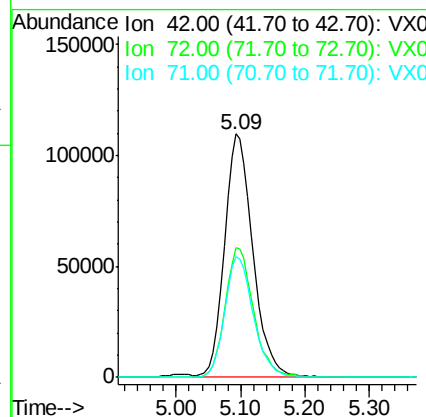
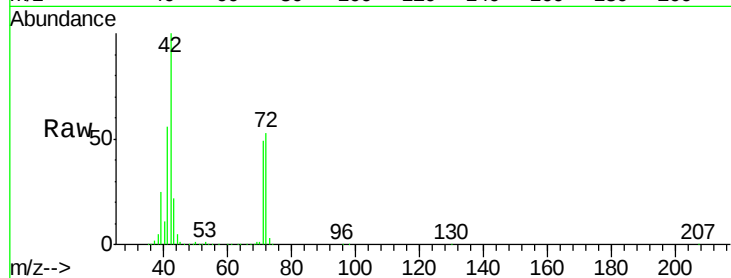
#29
Tetrahydrofuran
Concen: 252.850 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	42.6	63.8
71	50.2	39.0	58.6

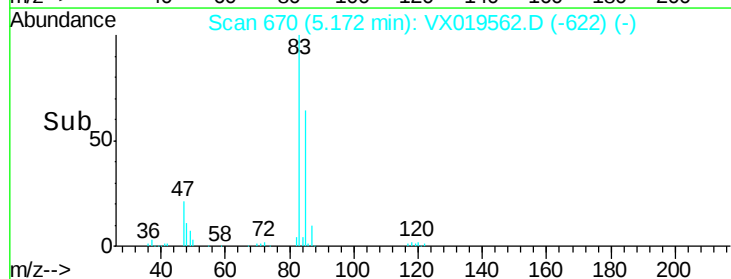
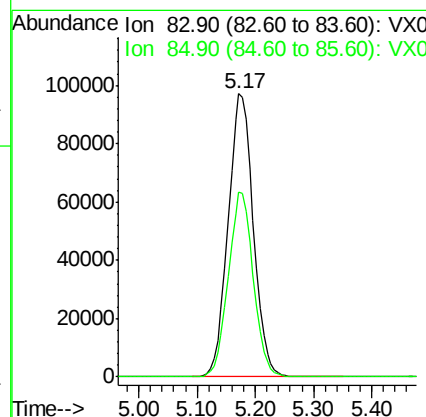
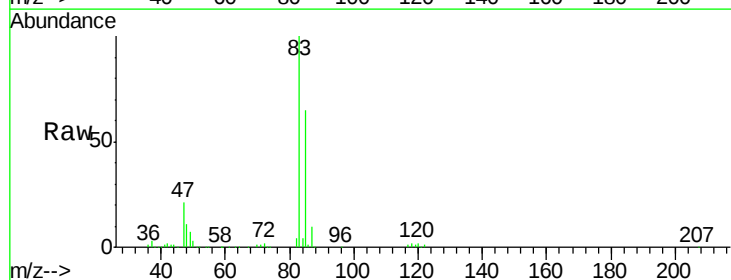
Manual Integrations
APPROVED

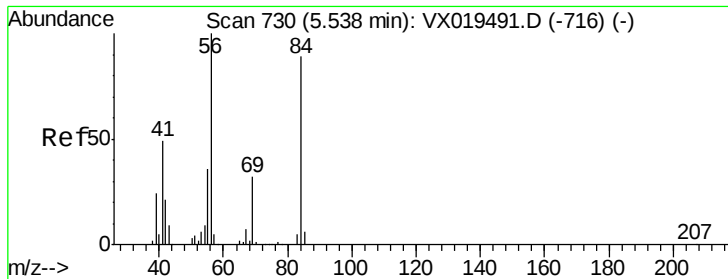
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#30
Chloroform
Concen: 50.867 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.5	75.7





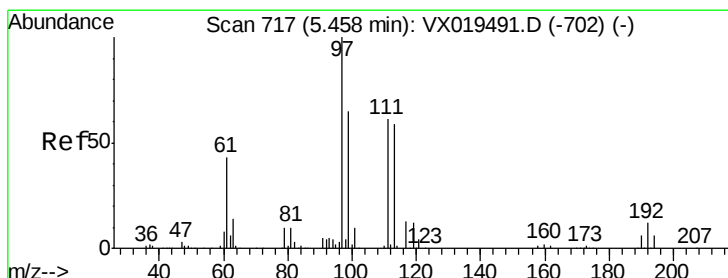
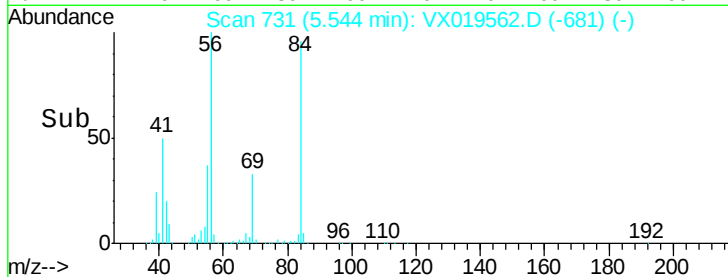
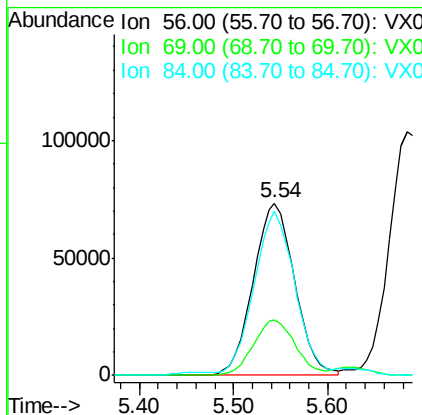
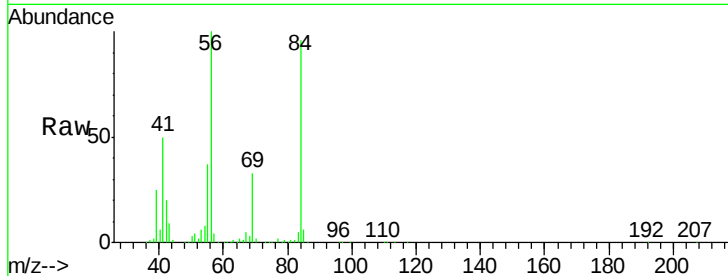
#31
Cvclohexane
Concen: 48.083 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.5	38.3
84	93.6	71.1	106.7

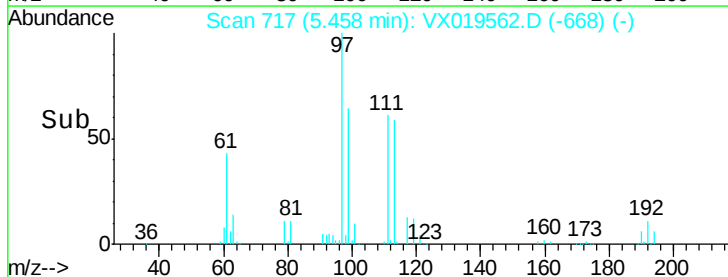
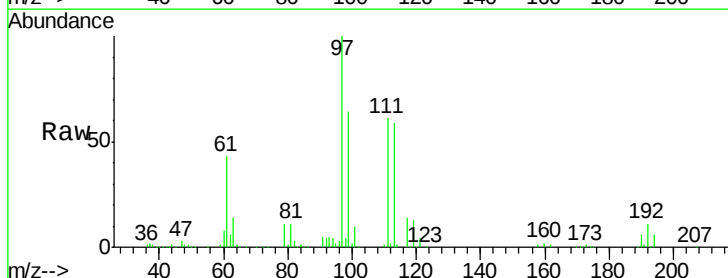
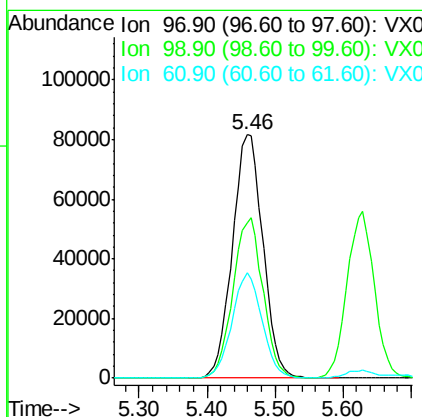
Manual Integrations
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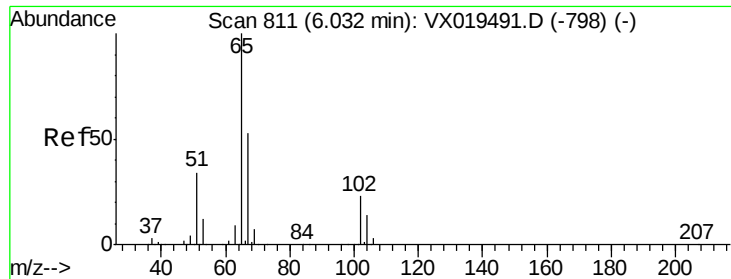
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#32
1,1,1-Trichloroethane
Concen: 51.598 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	42.4	34.2	51.2





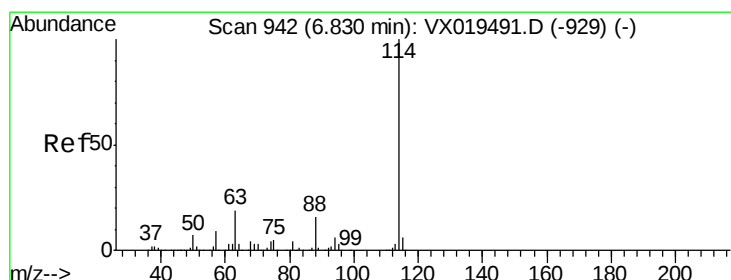
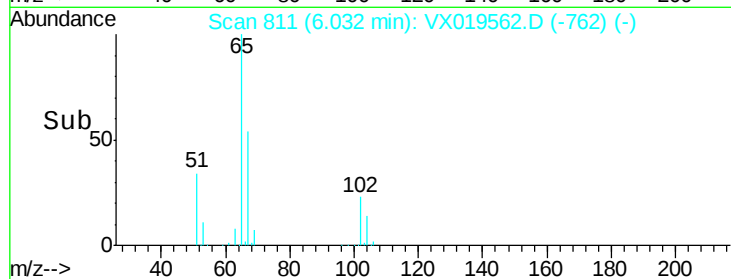
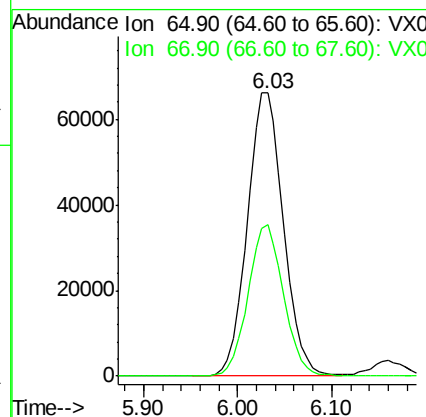
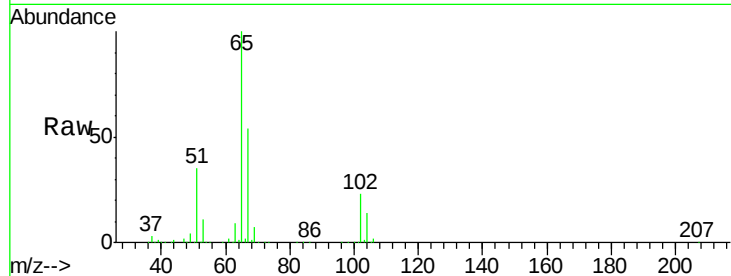
#33
 1,2-Dichloroethane-d4
 Concen: 49.154 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177436		
67	52.5	0.0	105.0	

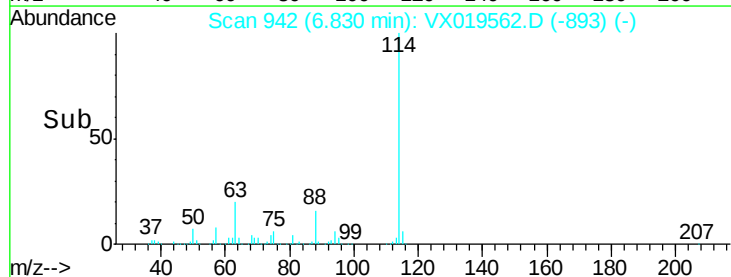
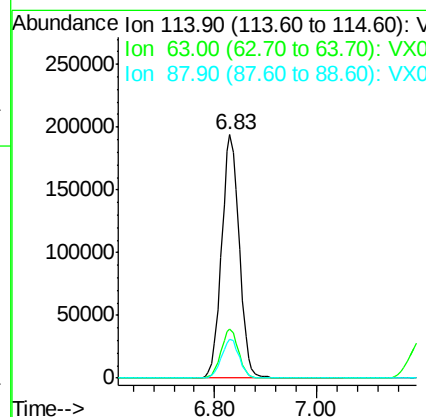
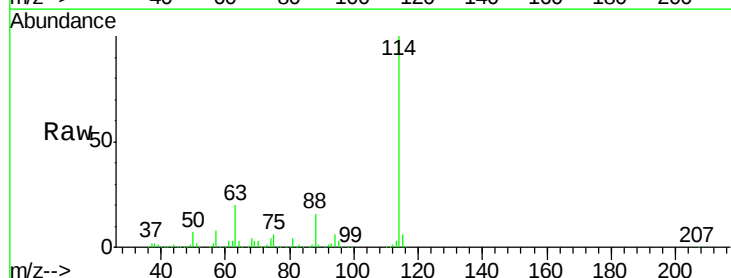
Manual Integrations
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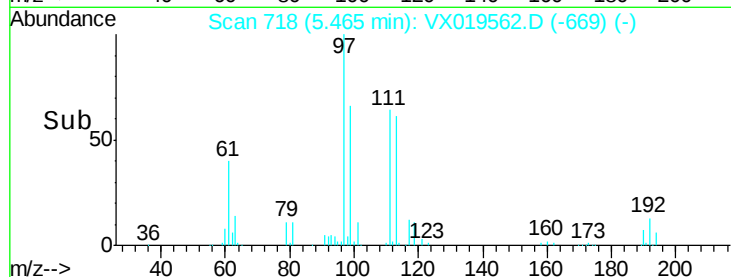
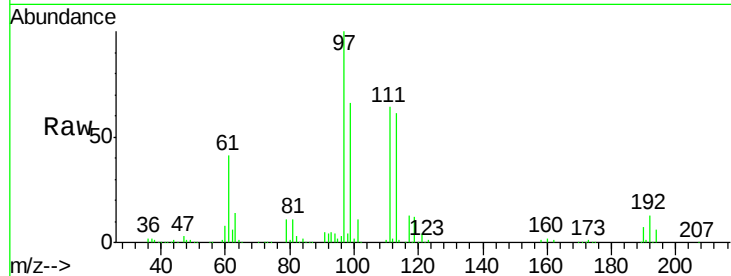
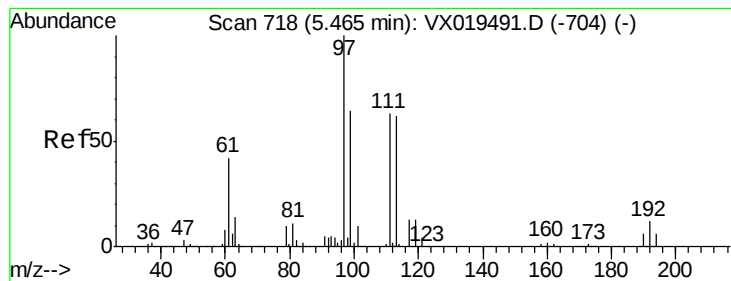
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	466096		
63	20.4	0.0	38.8	
88	15.9	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.134 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tot Ion:	113	Resp:	143750
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.5	122.3
192	20.6	16.2	24.2

Instrument :

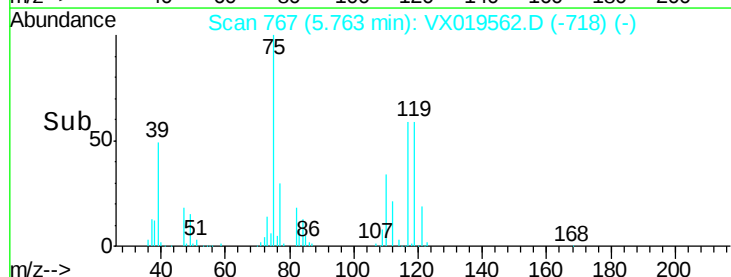
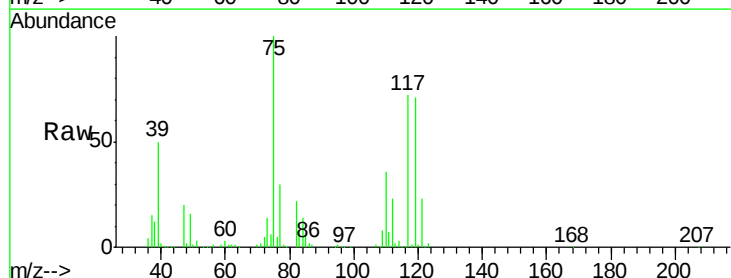
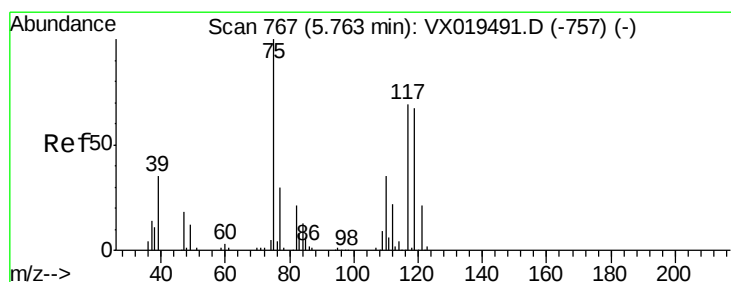
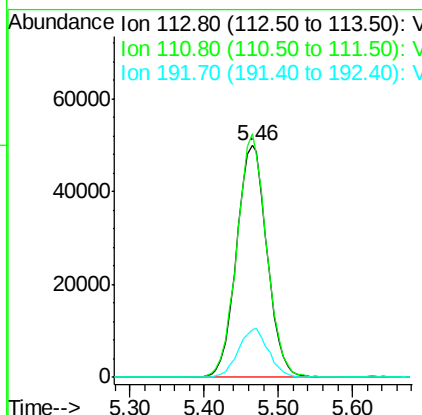
MSVOA_X

ClientSampleId :

56BR-20201118MS

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#36

1,1-Dichloropropene

Concen: 48.949 ug/l

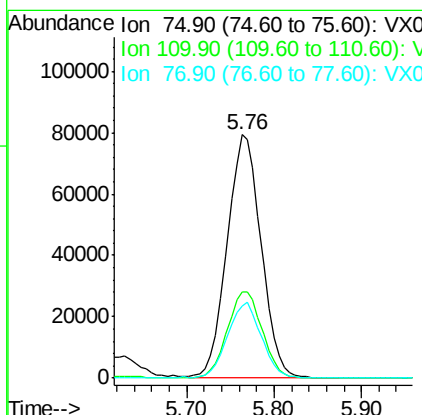
RT: 5.76 min Scan# 767

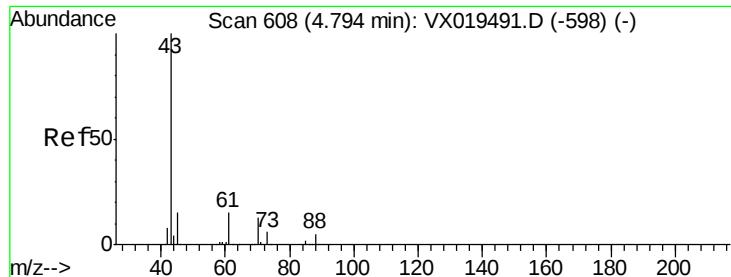
Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion:	75	Resp:	213889
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.3
77	31.1	24.2	36.4





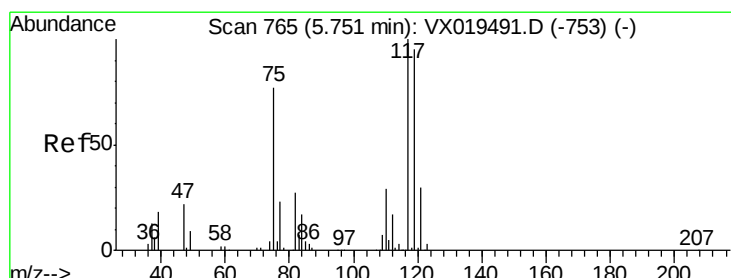
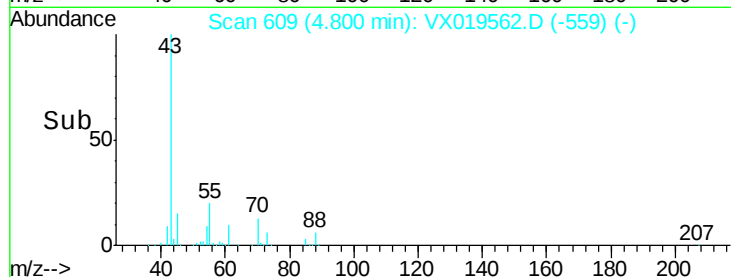
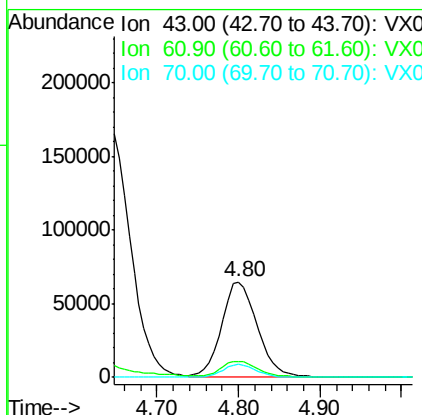
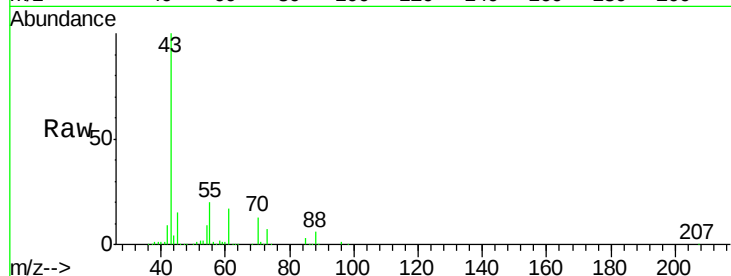
#37
Ethyl Acetate
Concen: 47.377 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.7	19.1#
70	13.3	10.2	15.2

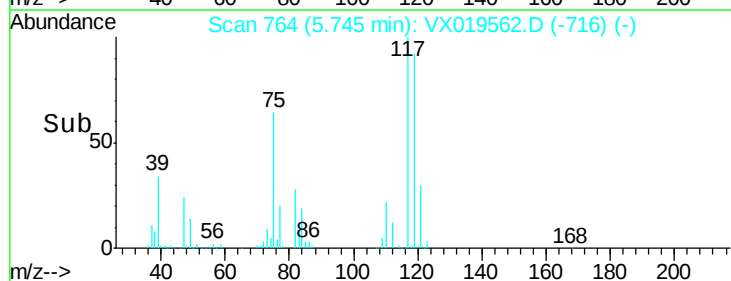
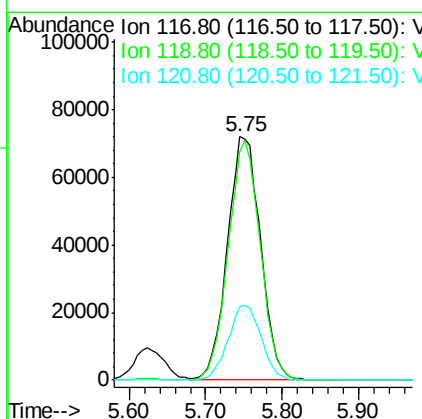
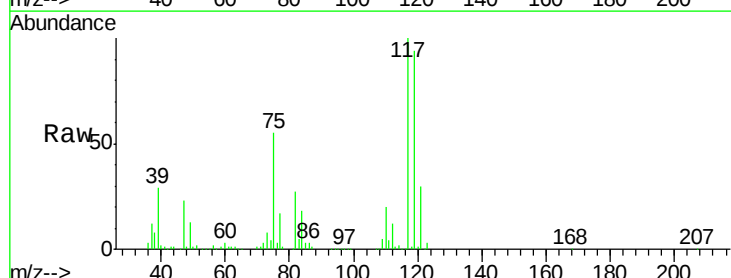
Manual Integrations
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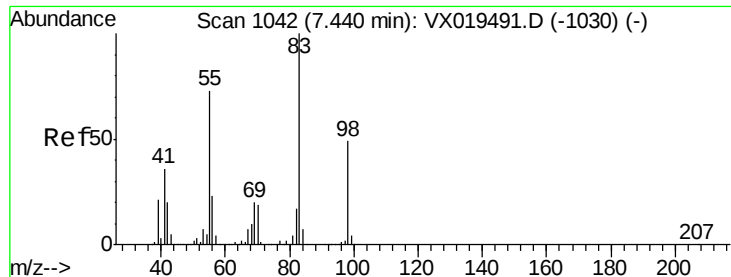
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#38
Carbon Tetrachloride
Concen: 51.106 ug/l
RT: 5.75 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.9	113.9
121	30.0	24.0	36.0





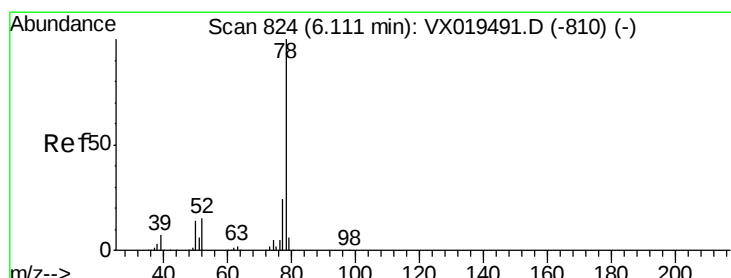
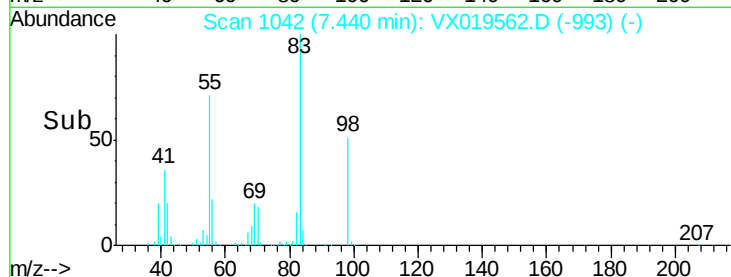
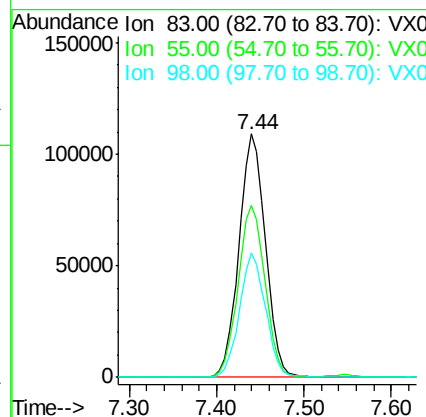
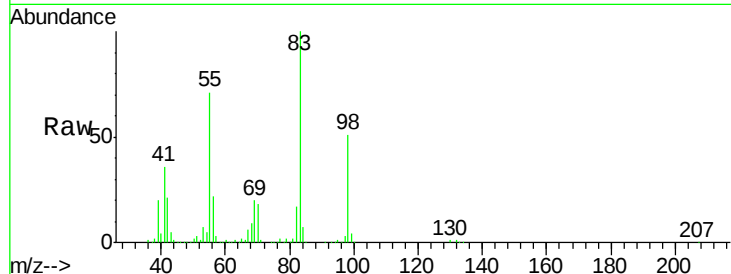
#39
Methvlcvclohexane
Concen: 45.205 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	229997		
55	70.7		58.3	87.5
98	51.1		38.9	58.3

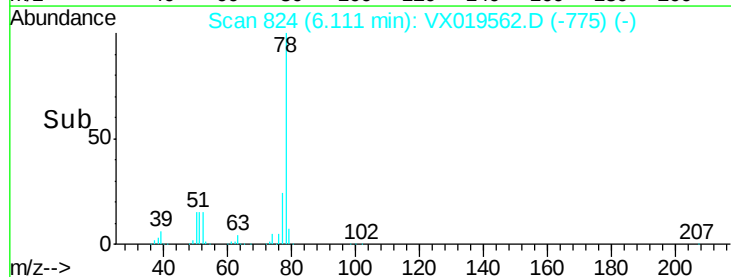
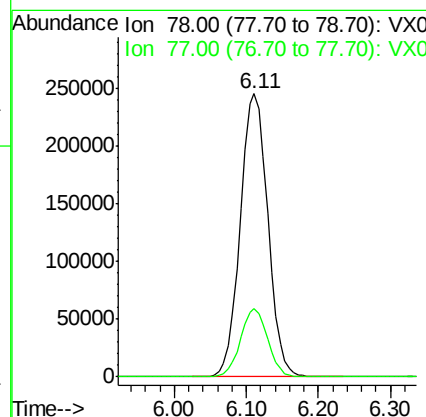
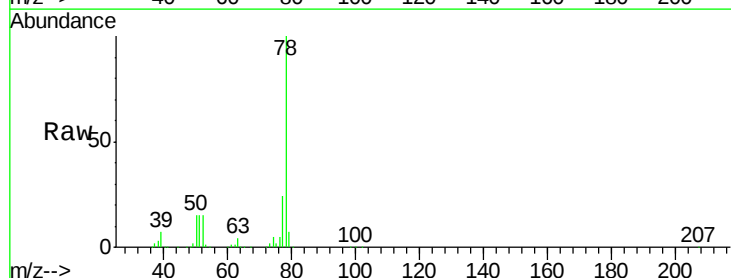
Manual Integrations
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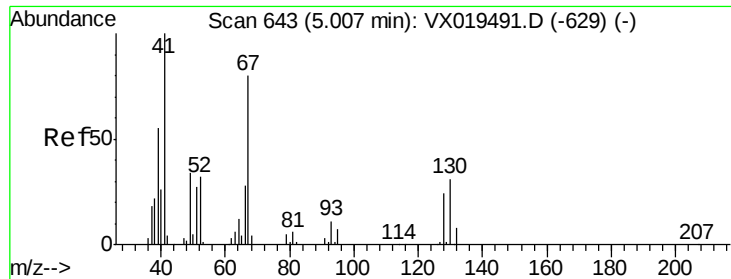
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#40
Benzene
Concen: 48.544 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	651745		
77	24.0		18.9	28.3





#41

Methacrylonitrile

Concen: 48.372 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 41 Resp: 109425

Ion Ratio Lower Upper

41 100

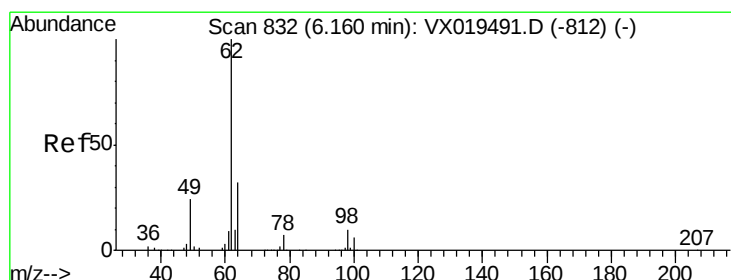
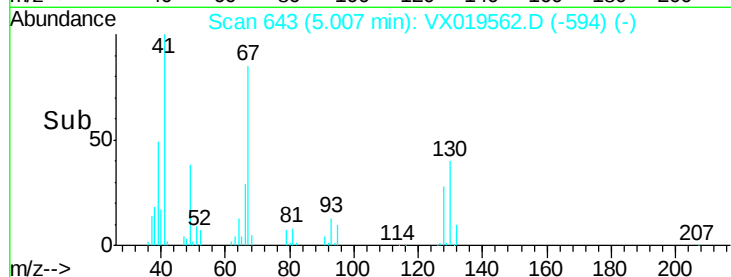
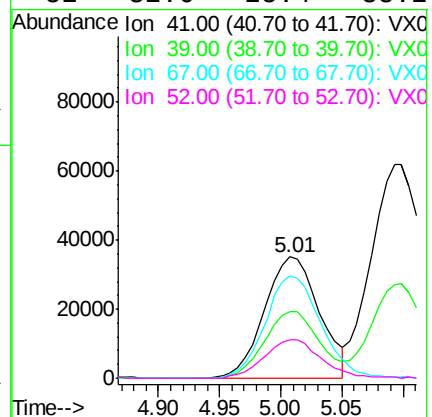
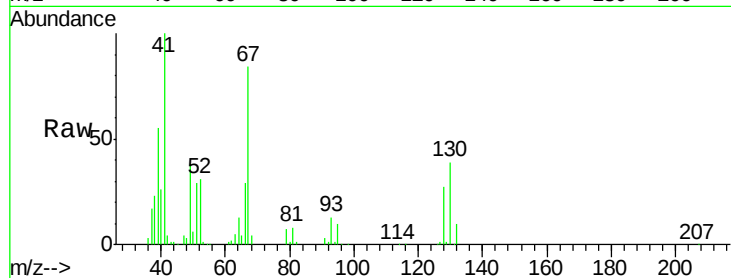
39 54.8 43.3 64.9

67 86.1 66.0 99.0

52 32.6 25.4 38.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.821 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019562.D

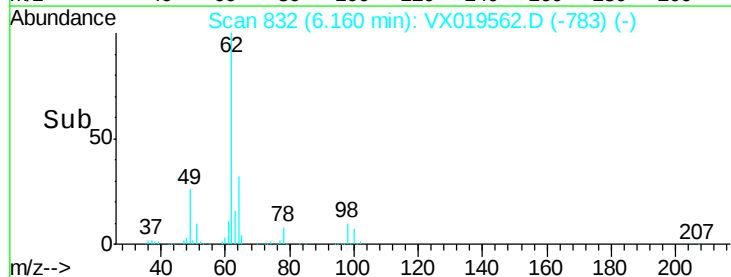
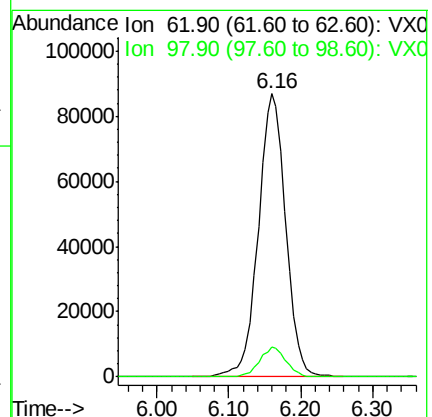
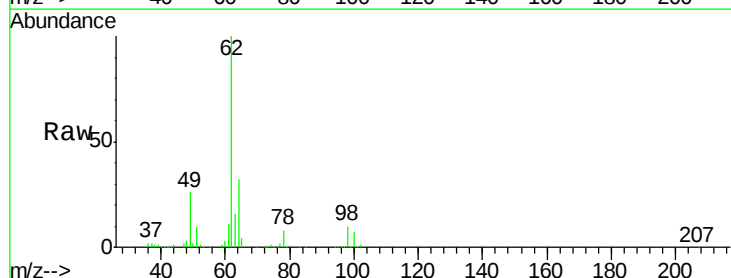
Acq: 23 Nov 2020 19:46

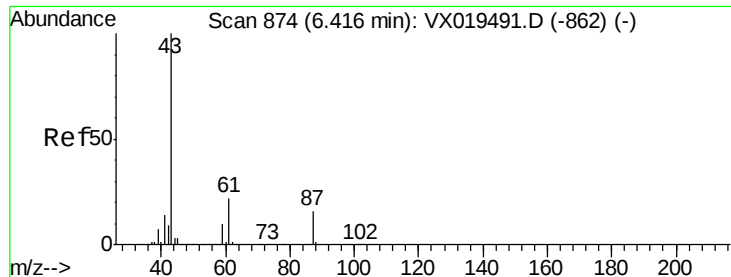
Tgt Ion: 62 Resp: 229263

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.0





#43

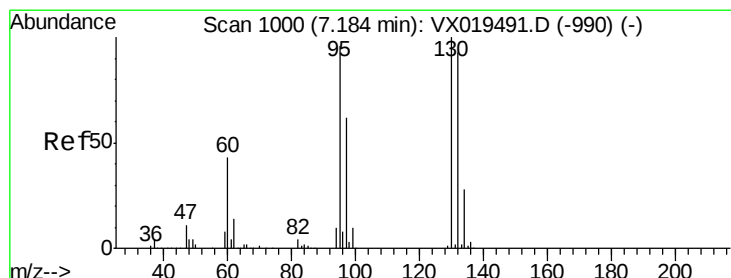
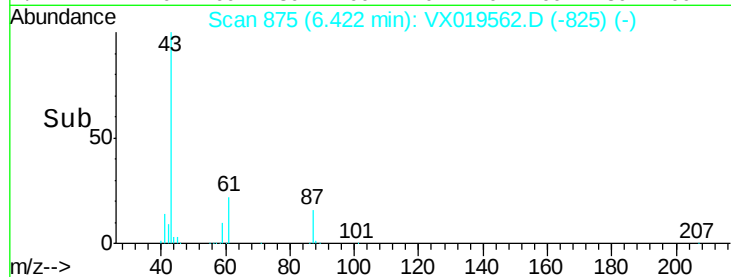
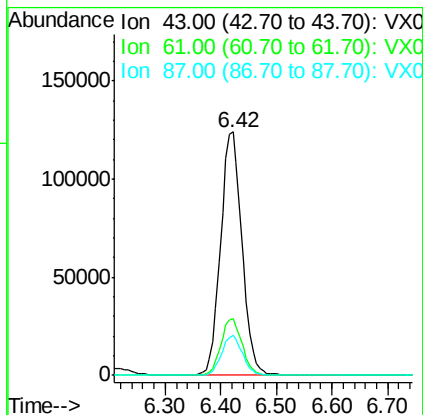
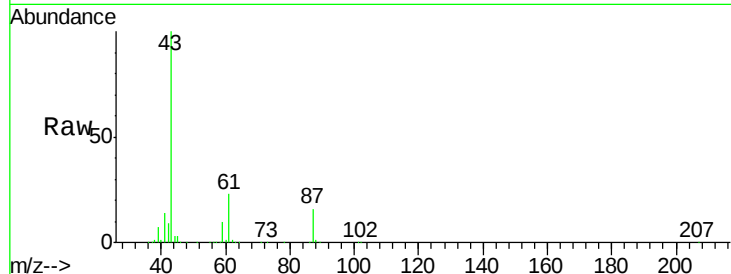
Isopropyl Acetate
 Concen: 47.595 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	16.1	12.6	18.8

Manual Integrations
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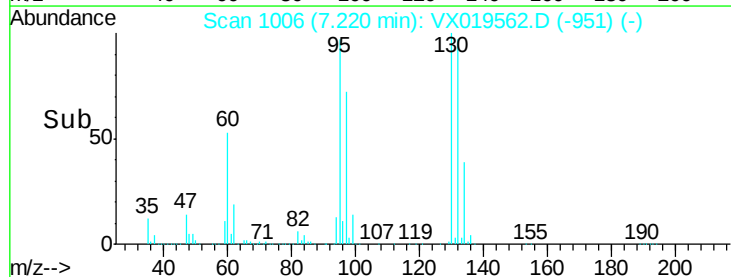
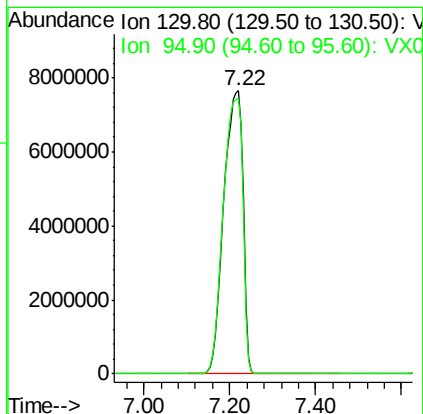
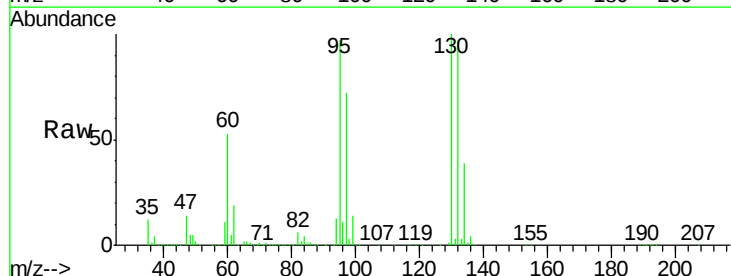
MMDadoda
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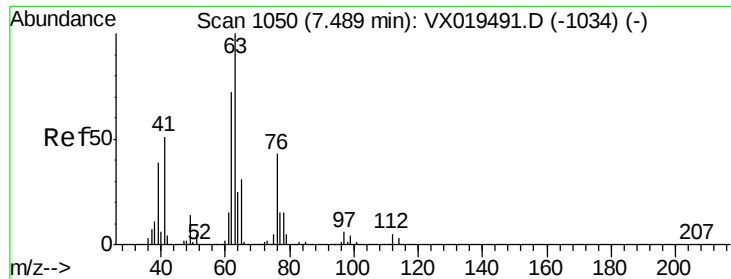


#44

Trichloroethene
 Concen: 6935.512 ug/l
 RT: 7.22 min Scan# 1006
 Delta R.T. 0.04 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 47.365 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 63 Resp: 156549

Ion Ratio Lower Upper

63 100

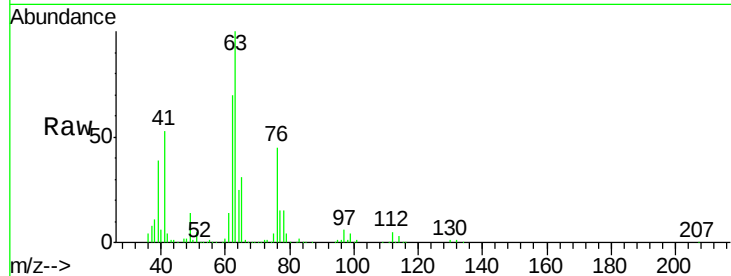
65 31.5 25.0 37.4

Manual Integrations

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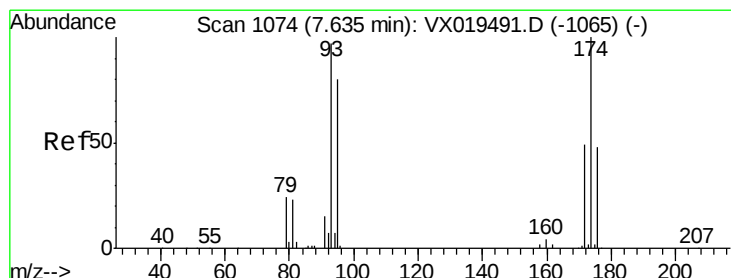
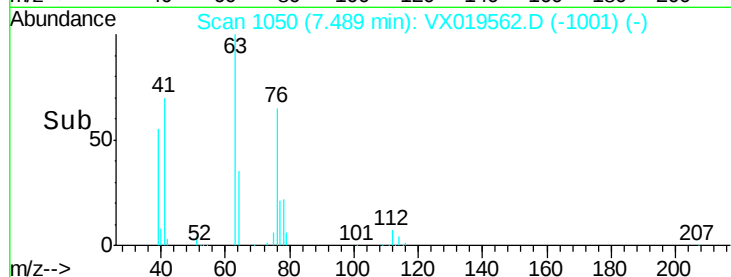
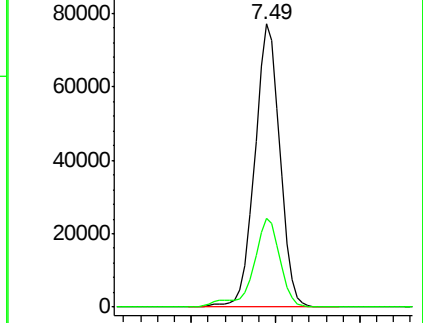
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.929 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

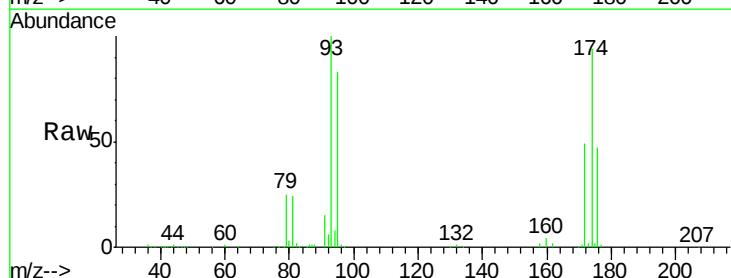
Tgt Ion: 93 Resp: 112946

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

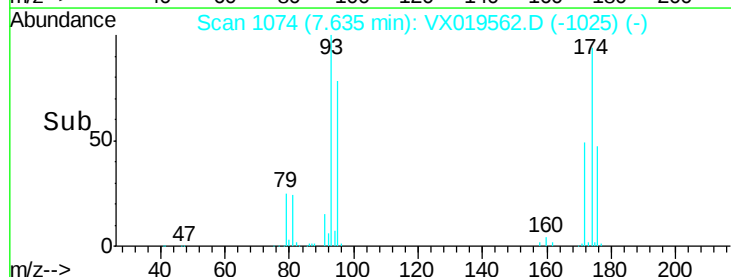
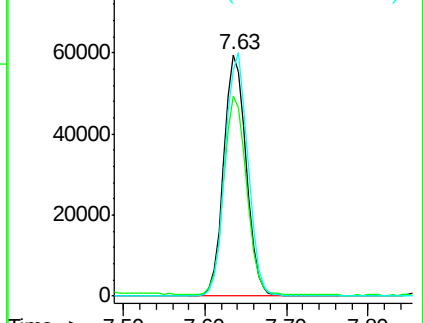
174 102.1 83.0 124.4

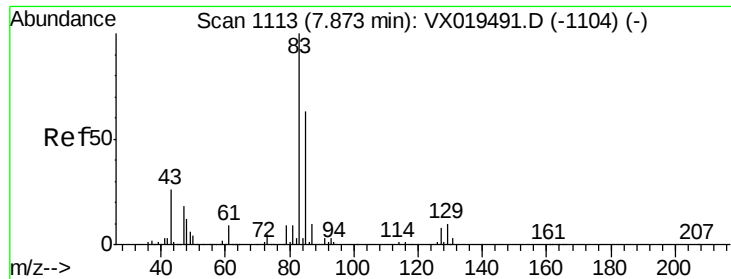


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.303 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

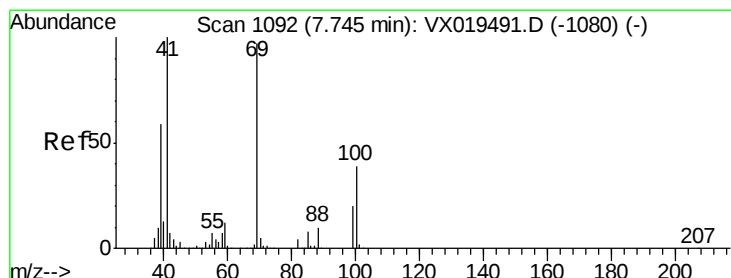
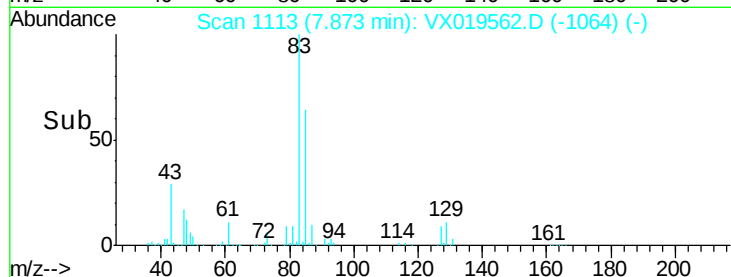
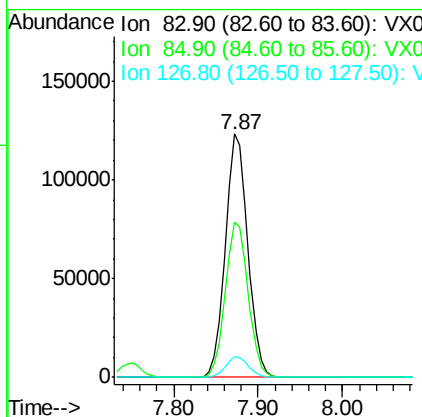
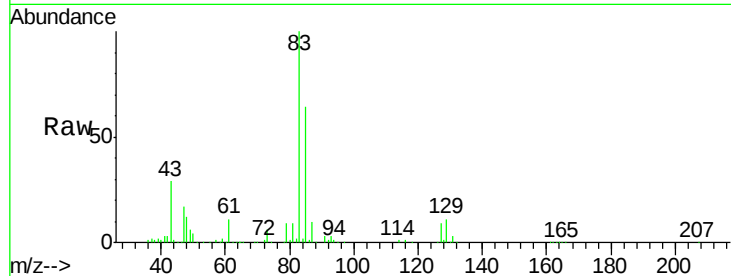
ClientSampleId :

56BR-20201118MS

Tot Ion:	83	Resp:	225201
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.2	75.2
127	8.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.730 ug/l

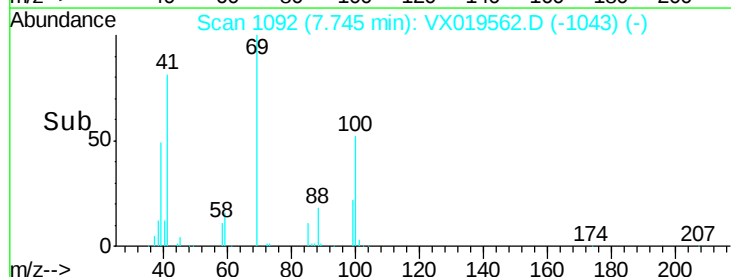
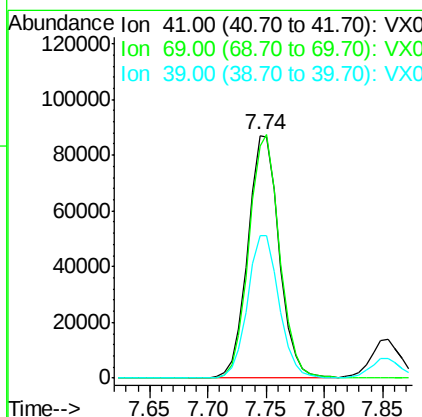
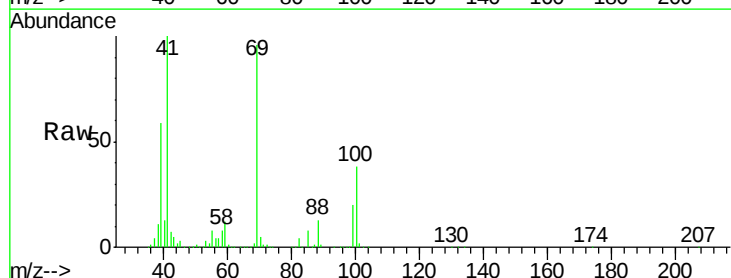
RT: 7.74 min Scan# 1092

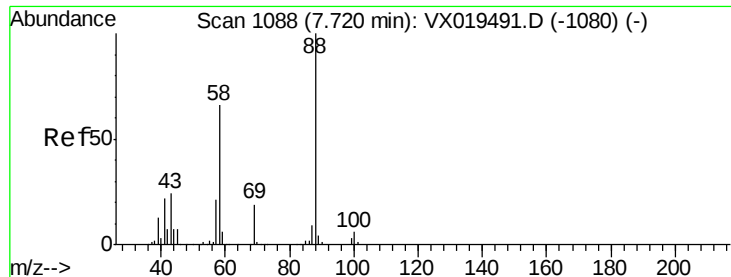
Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion:	41	Resp:	163832
Ion Ratio	Lower	Upper	
41	100		
69	98.0	77.0	115.6
39	58.8	45.6	68.4





#49

1,4-Dioxane

Concen: 1103.773 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

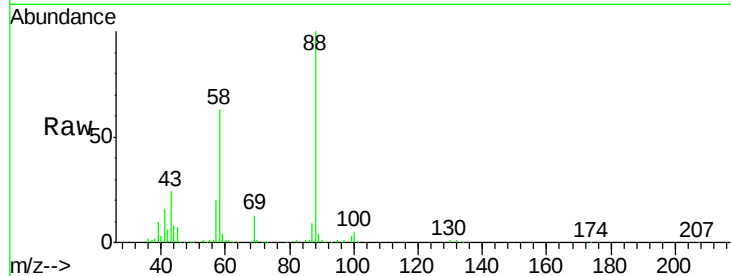
ClientSampleId :

56BR-20201118MS

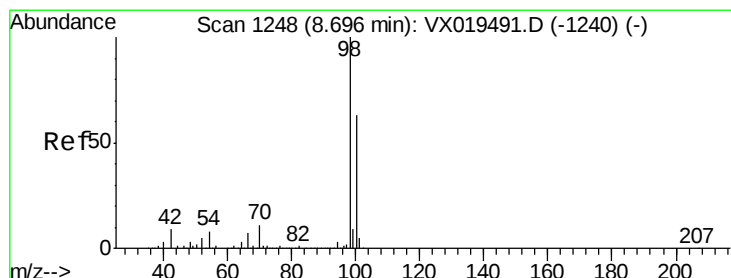
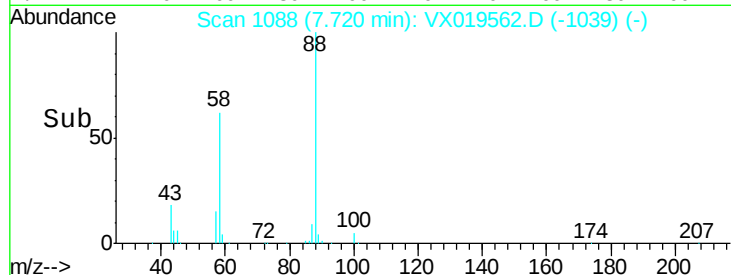
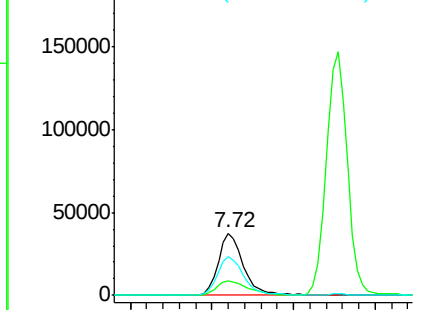
Tot Ion:	88	Resp:	80936
Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.6
58	65.0	54.2	81.2

Manual Integrations
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Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.642 ug/l

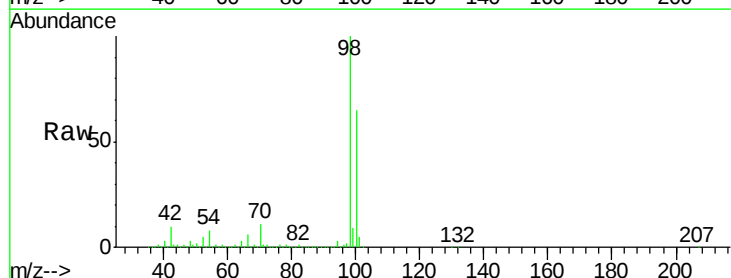
RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

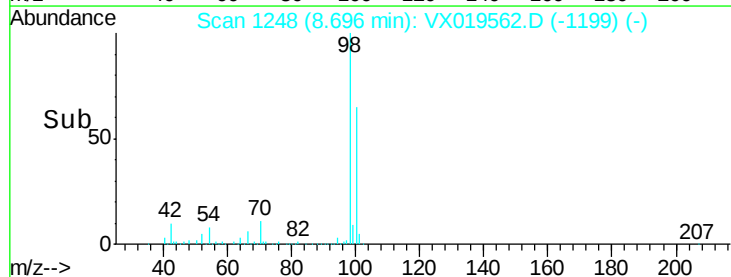
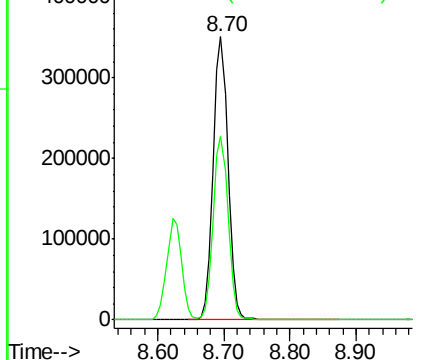
Lab File: VX019562.D

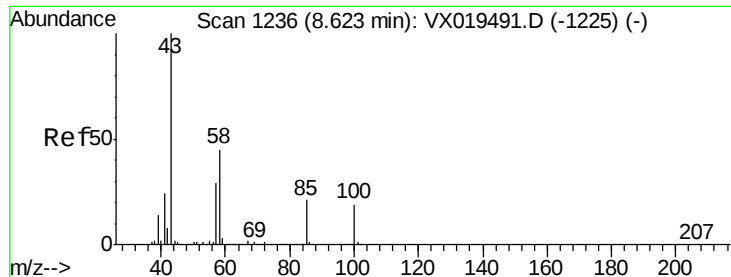
Acq: 23 Nov 2020 19:46

Tgt Ion:	98	Resp:	541641
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





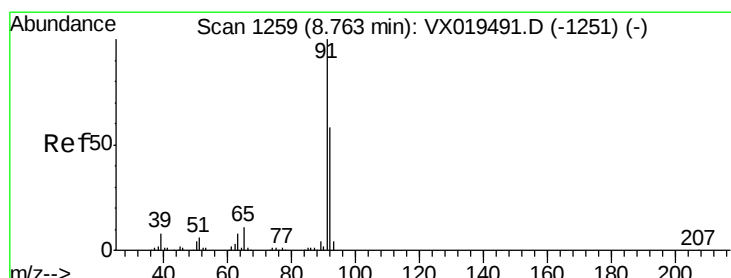
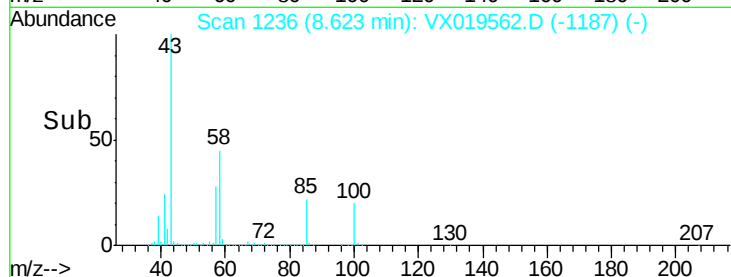
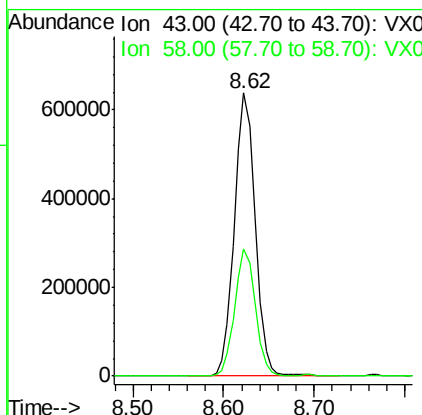
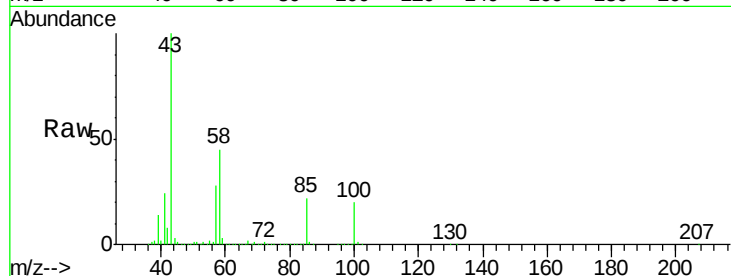
#51
 4-Methyl-2-Pentanone
 Concen: 254.591 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion: 43 Resp: 1023751
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.1 52.7

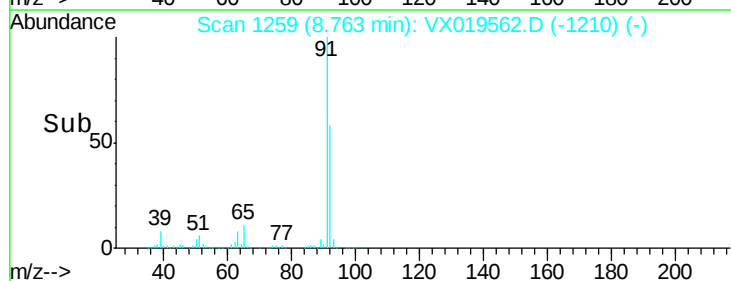
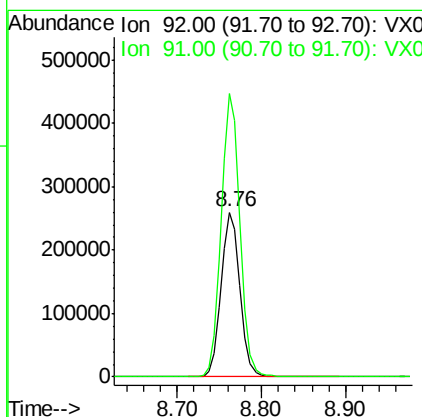
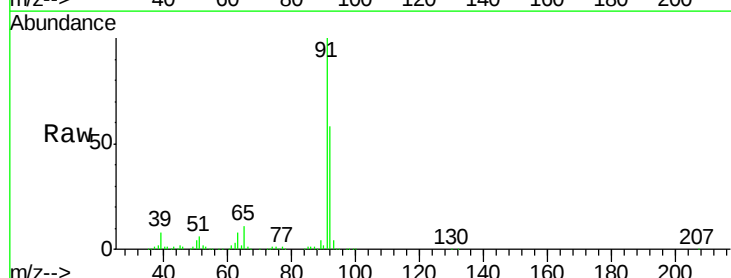
Manual Integrations
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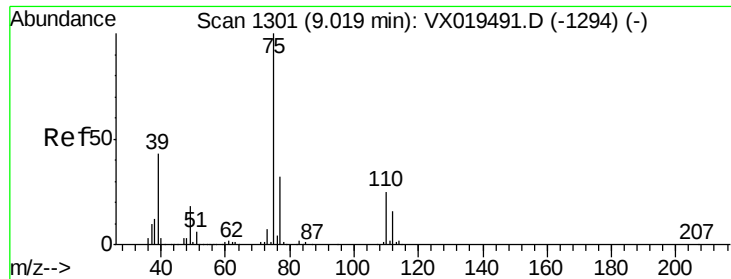
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#52
 Toluene
 Concen: 48.830 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 92 Resp: 401049
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.1 207.1





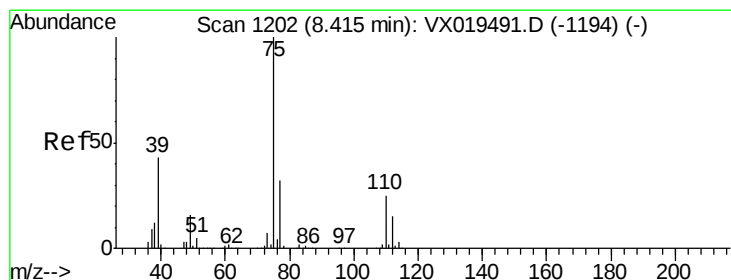
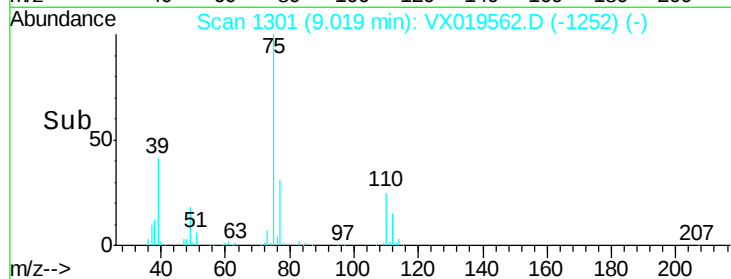
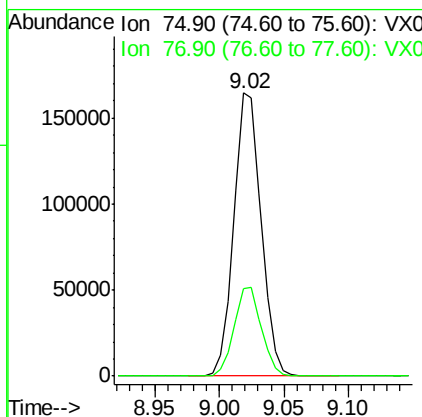
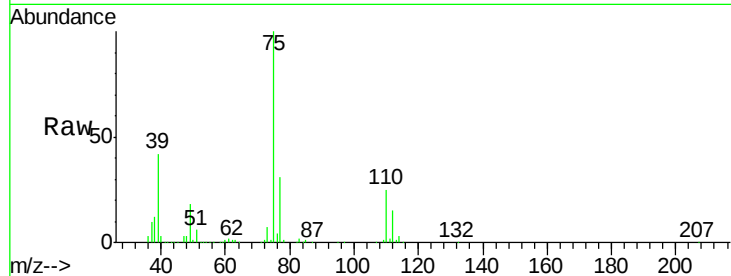
#53
t-1,3-Dichloropropene
Concen: 51.367 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9

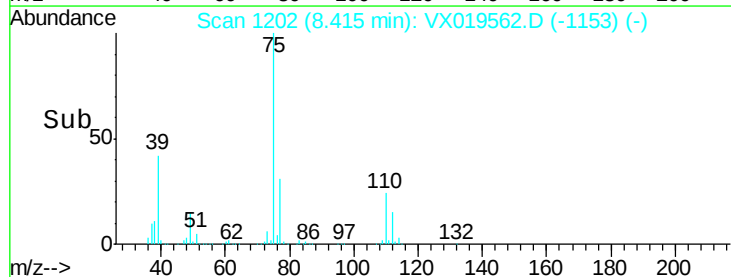
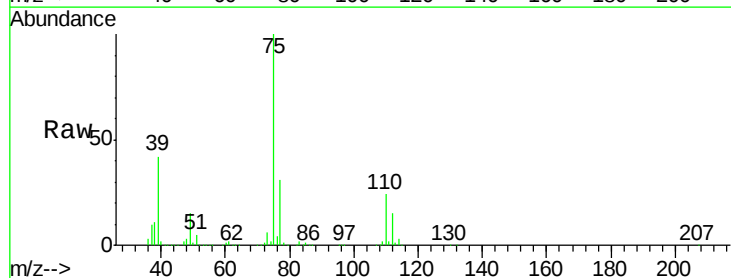
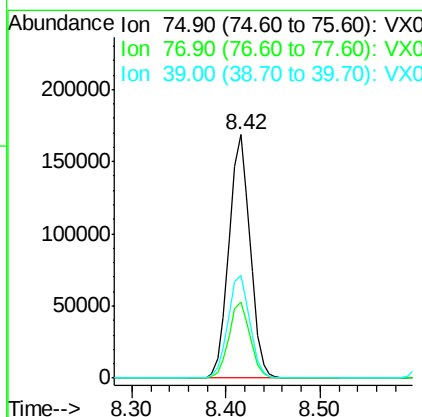
Manual Integrations
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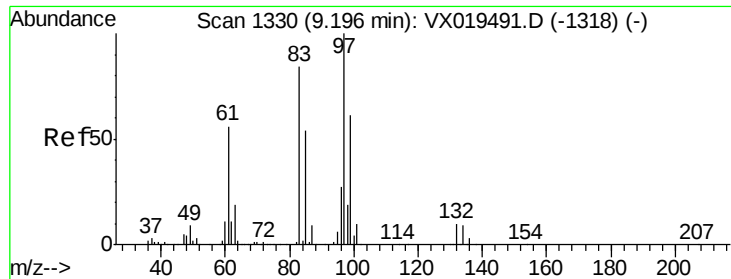
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#54
cis-1,3-Dichloropropene
Concen: 50.010 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.6
39	41.9	34.6	51.8





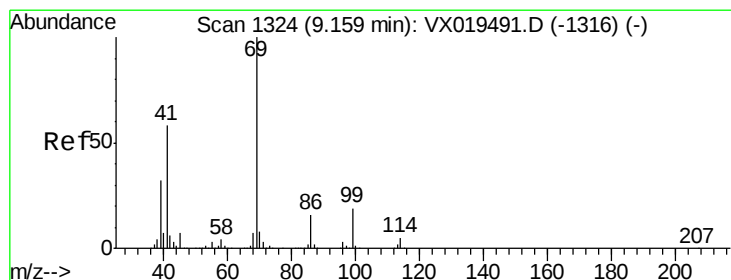
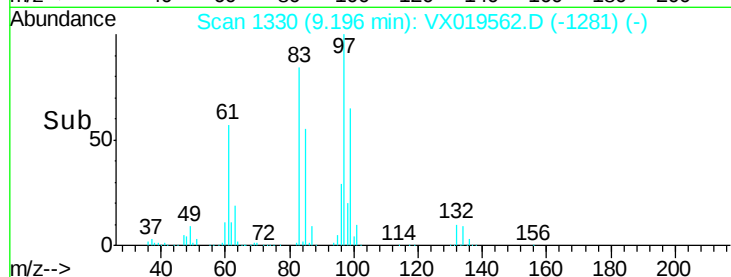
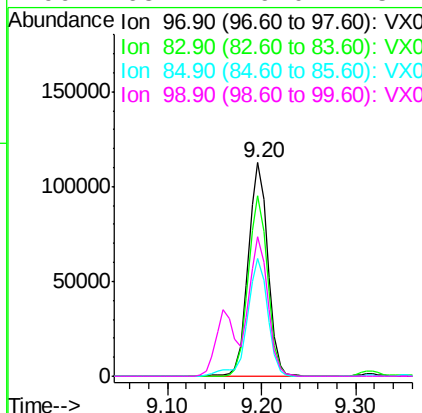
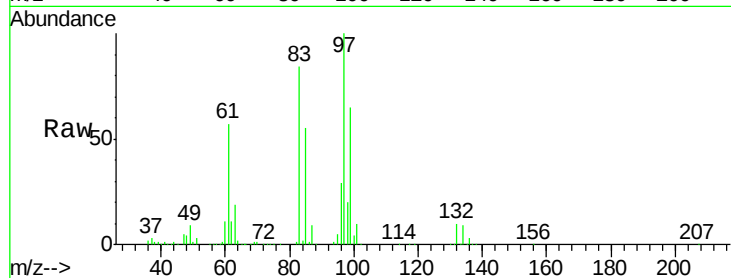
#55
 1,1,2-Trichloroethane
 Concen: 49.213 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion:	97	Resp:	164613
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.0	100.6
85	55.1	43.4	65.0
99	65.4	49.0	73.4

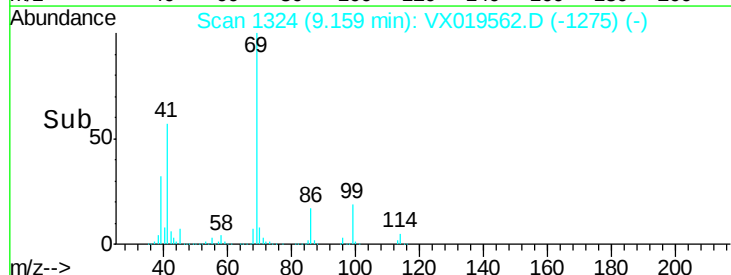
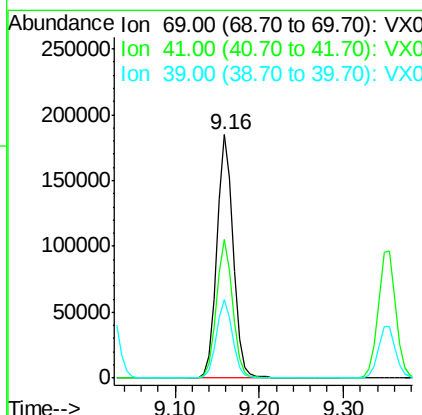
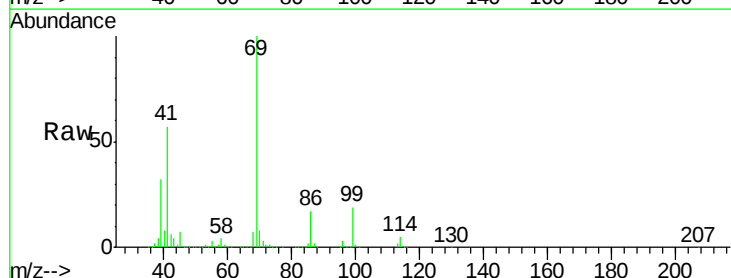
Manual Integrations
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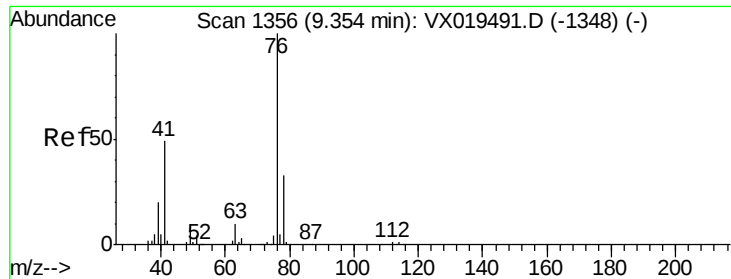
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#56
 Ethyl methacrylate
 Concen: 52.639 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion:	69	Resp:	249145
Ion	Ratio	Lower	Upper
69	100		
41	56.4	46.2	69.2
39	31.9	25.5	38.3





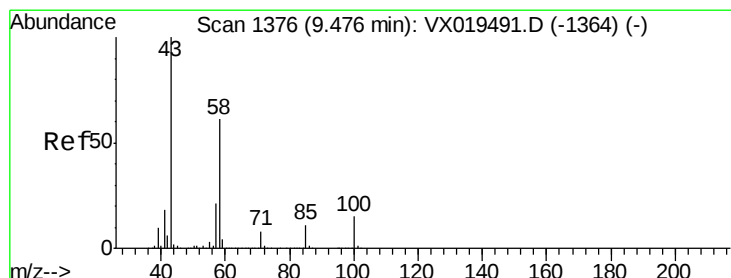
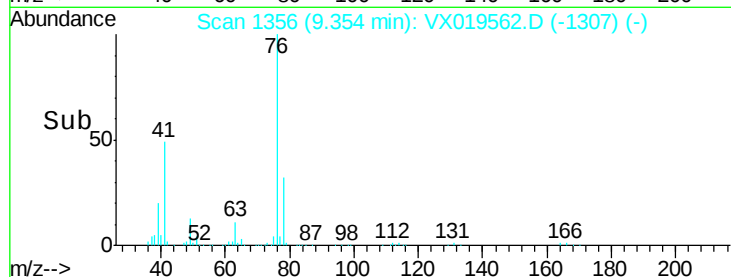
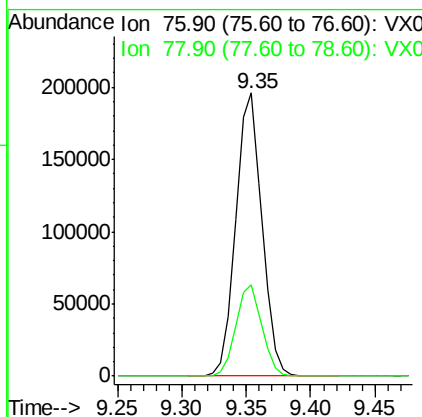
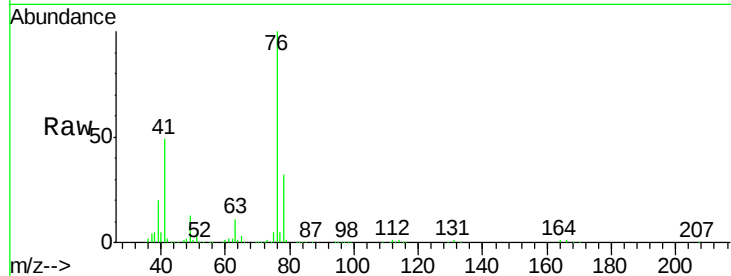
#57
 1,3-Dichloropropane
 Concen: 49.327 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

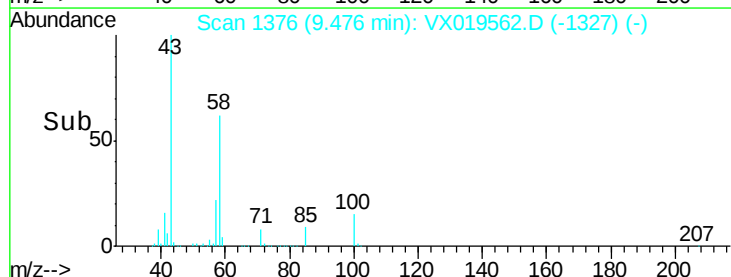
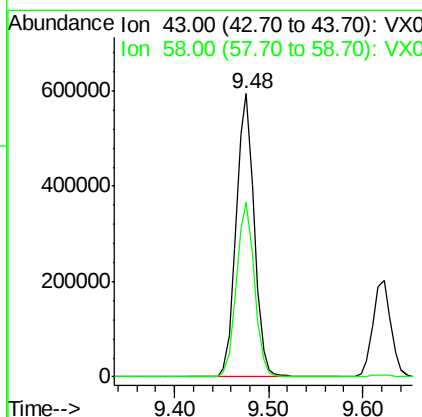
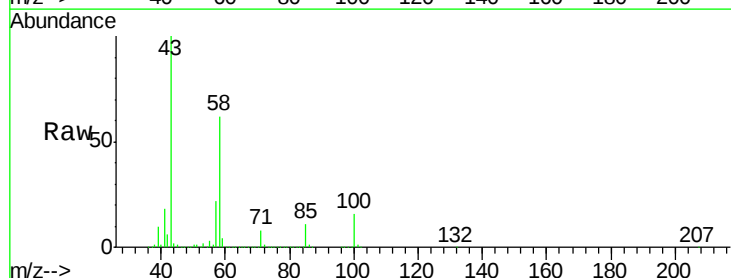
Manual Integrations
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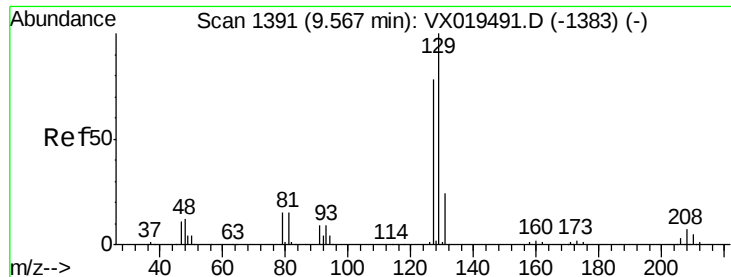
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 11/24/2020 2:59:56 PM



#59
 2-Hexanone
 Concen: 258.727 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.7	30.6	91.6





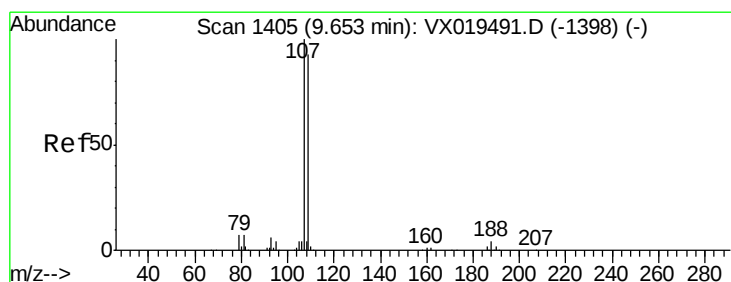
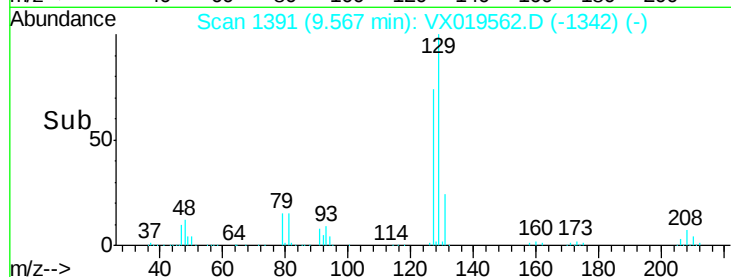
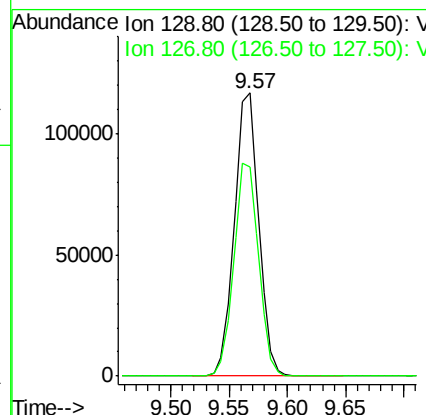
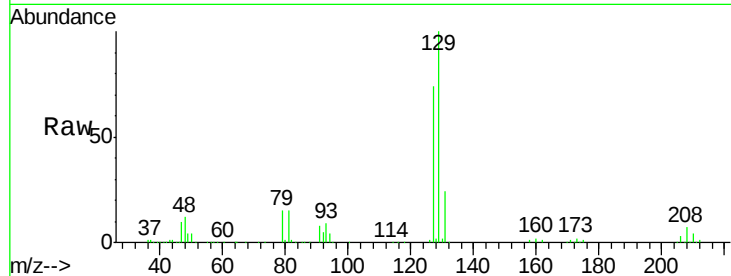
#60
 Dibromochloromethane
 Concen: 52.165 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.0	116.9

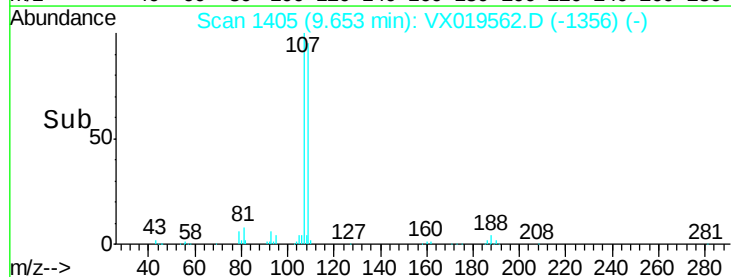
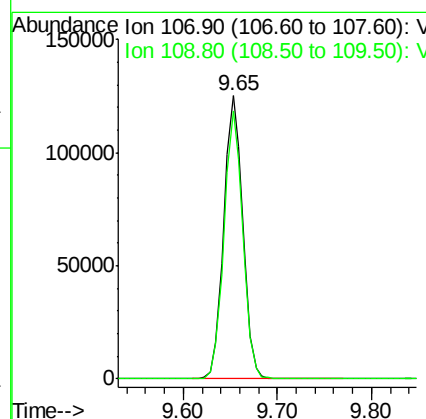
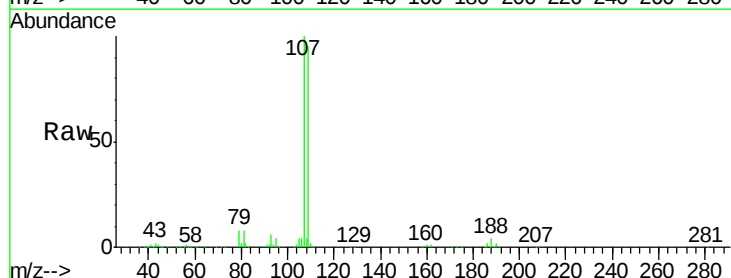
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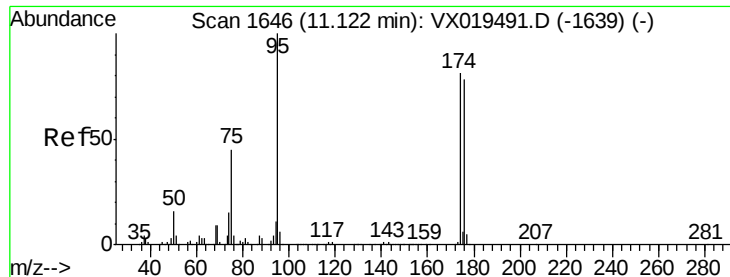
MMDadoda
 11/24/2020 2:59:56 PM



#61
 1,2-Dibromoethane
 Concen: 50.732 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.8	112.2





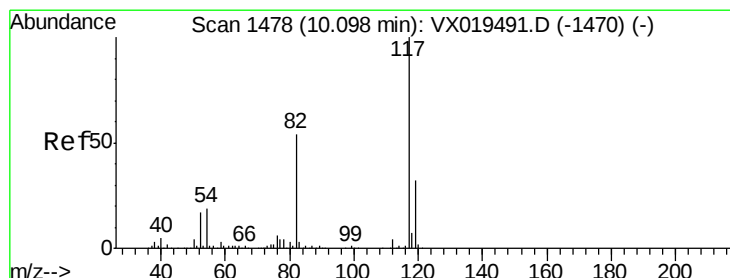
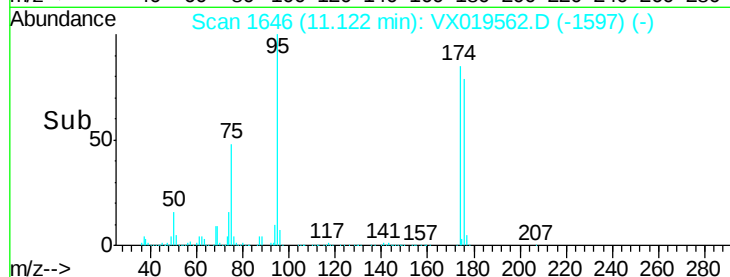
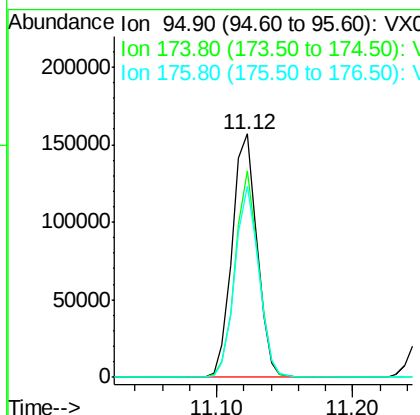
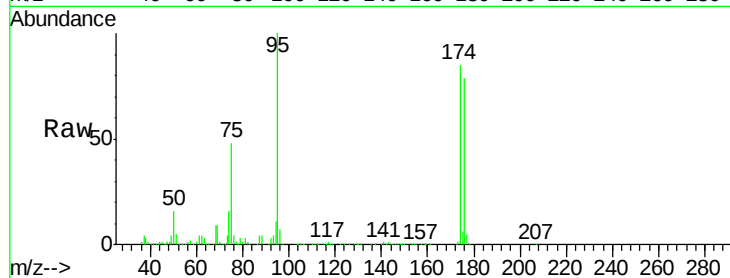
#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	200064		
174	79.5	0.0	156.2	
176	75.5	0.0	151.4	

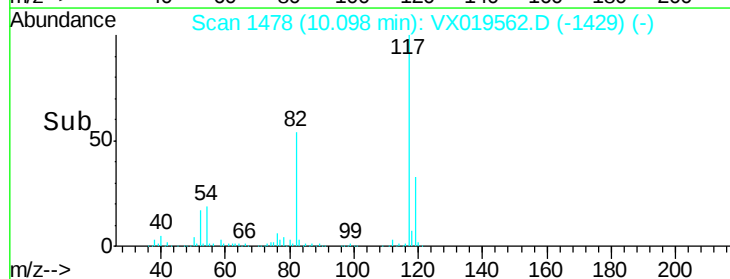
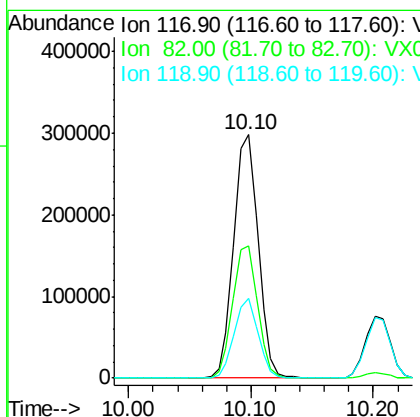
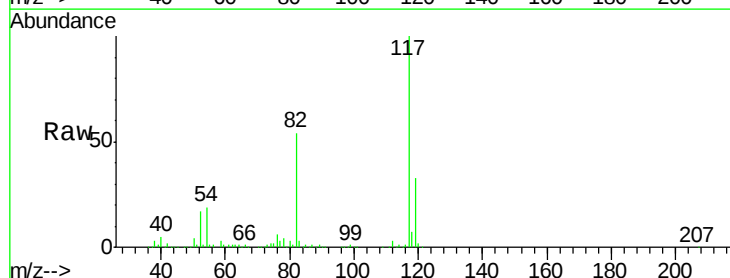
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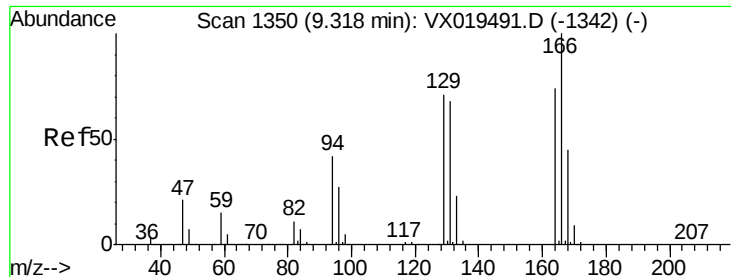
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	412089		
82	54.3	43.0	64.4	
119	32.6	25.6	38.4	





#64

Tetrachloroethene

Concen: 53.604 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion:164 Resp: 173635

Ion Ratio Lower Upper

164 100

166 127.8 107.4 161.0

129 95.0 76.6 114.8

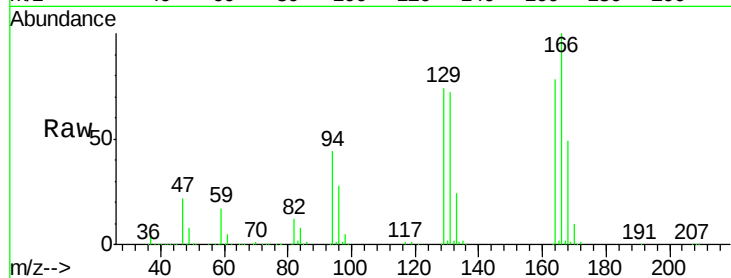
131 92.0 72.6 108.8

Manual Integrations

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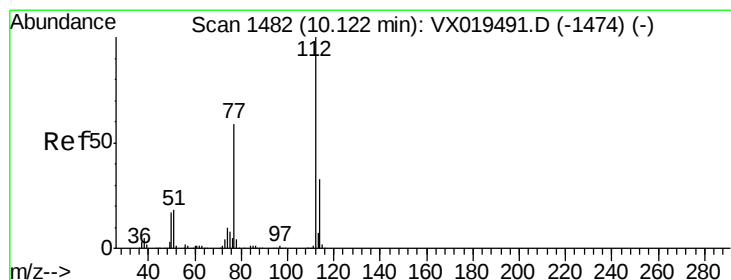
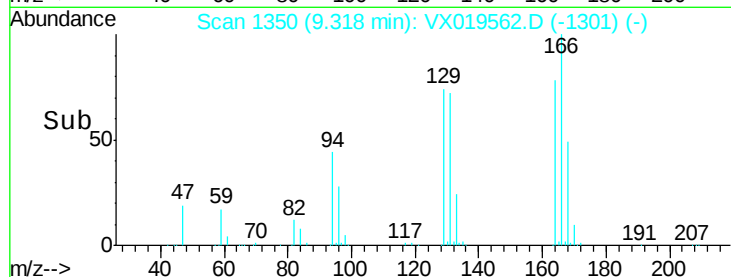
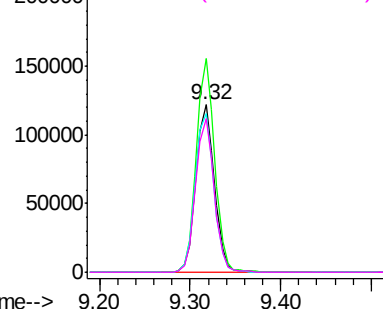


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.892 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019562.D

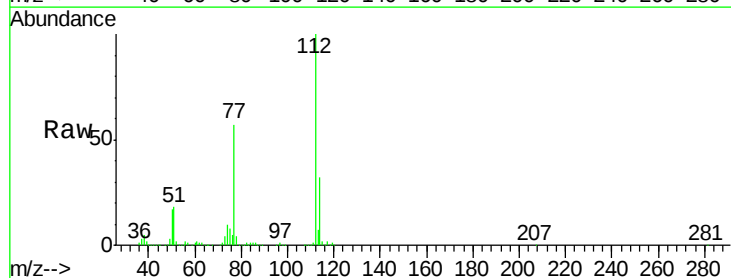
Acq: 23 Nov 2020 19:46

Tgt Ion:112 Resp: 422721

Ion Ratio Lower Upper

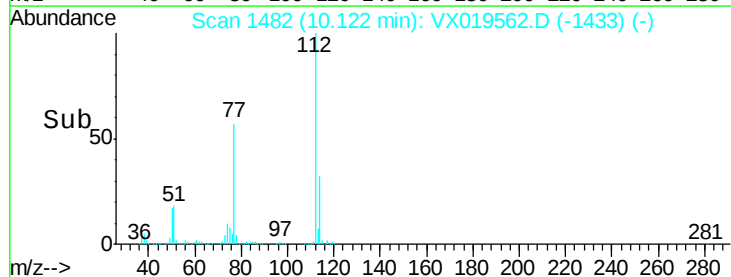
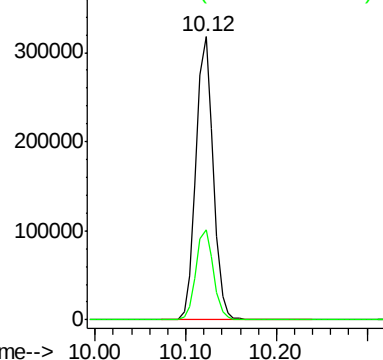
112 100

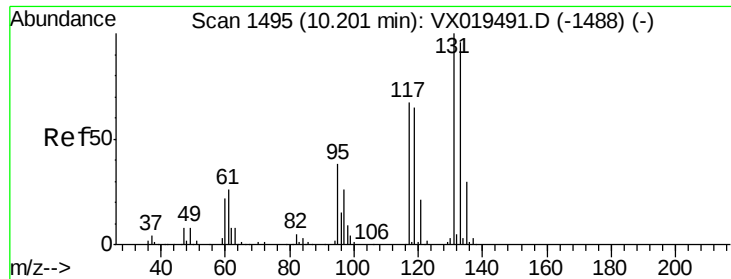
114 31.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.086 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

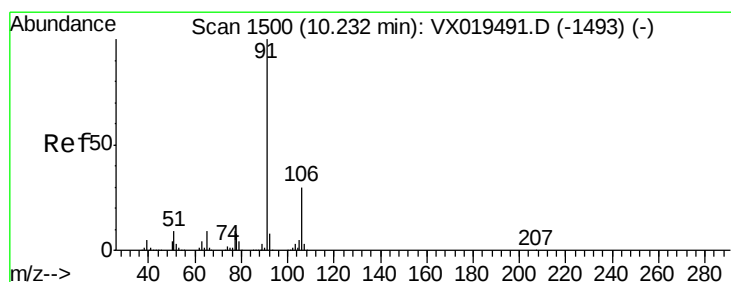
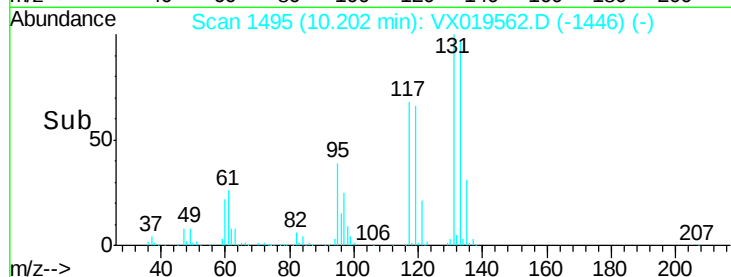
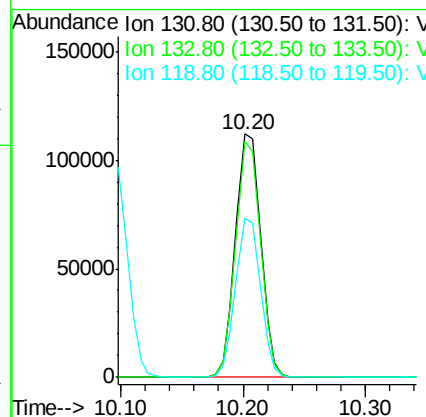
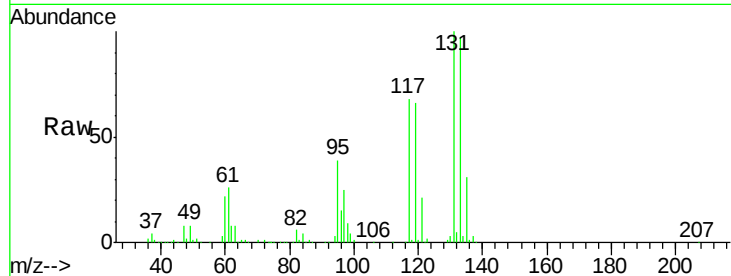
ClientSampleId :

56BR-20201118MS

Tot Ion:	131	Resp:	160521
Ion Ratio	Lower	Upper	
131	100		
133	95.6	48.5	145.5
119	64.7	33.0	99.0

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#67

Ethyl Benzene

Concen: 50.468 ug/l

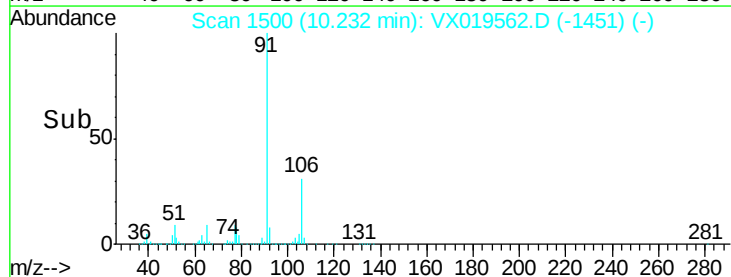
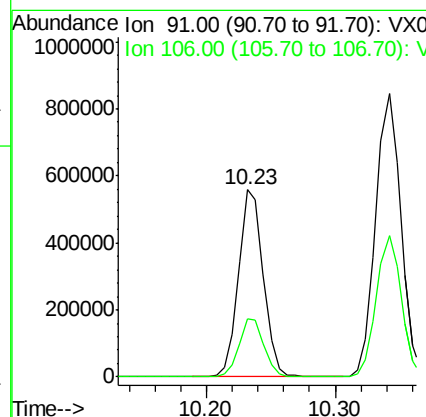
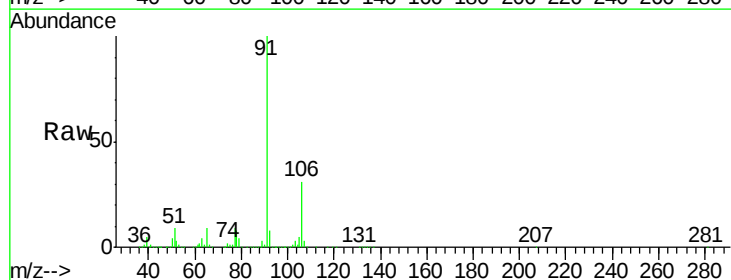
RT: 10.23 min Scan# 1500

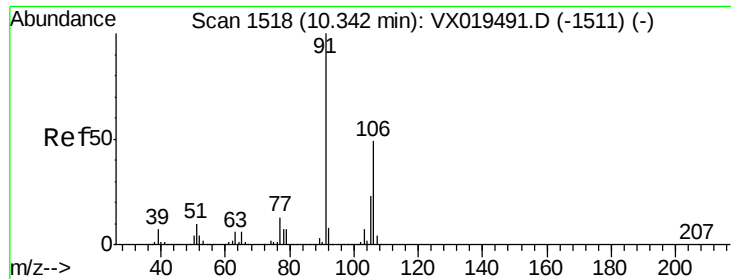
Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion:	91	Resp:	749089
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.0	36.0





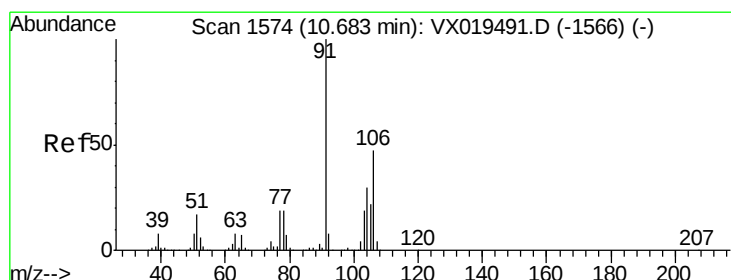
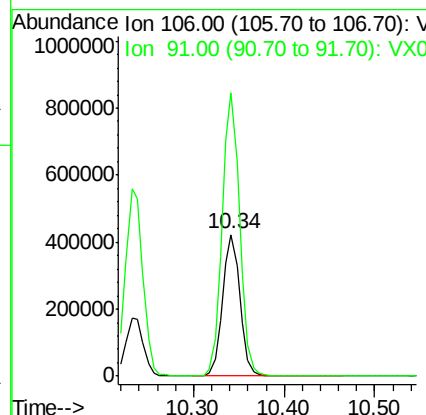
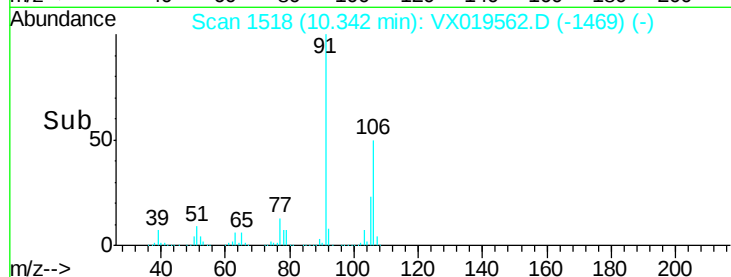
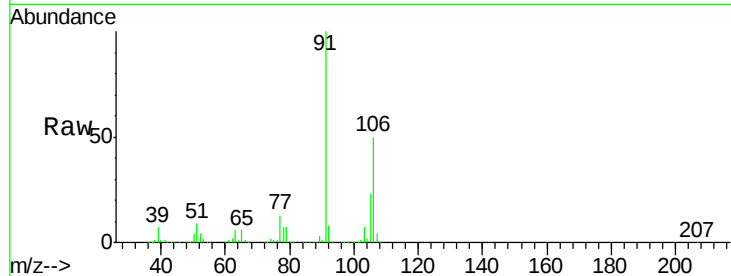
#68
m/p-Xylenes
Concen: 102.234 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	201.7	163.3	244.9		

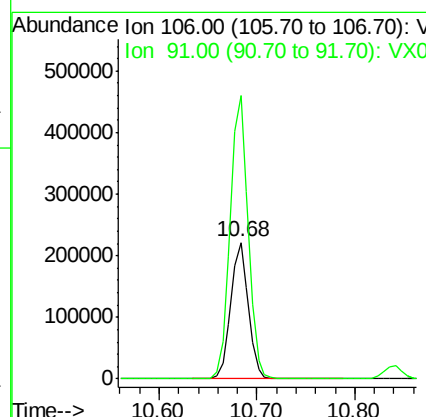
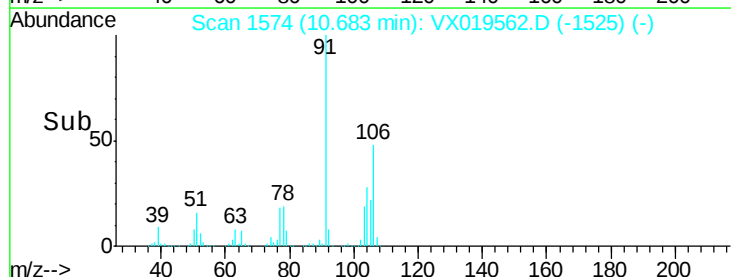
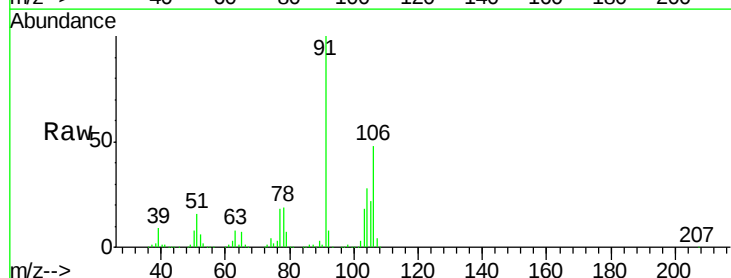
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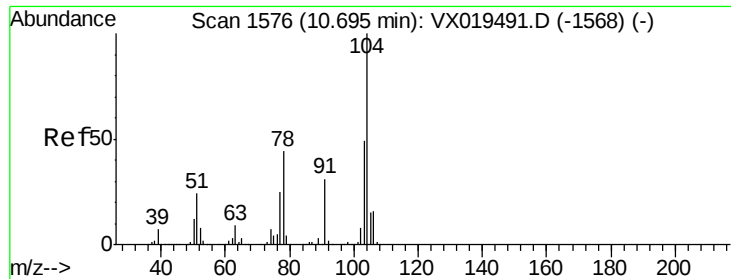
MMDadoda
11/24/2020 2:59:56 PM



#69
o-Xylene
Concen: 52.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.4	108.0	324.0		





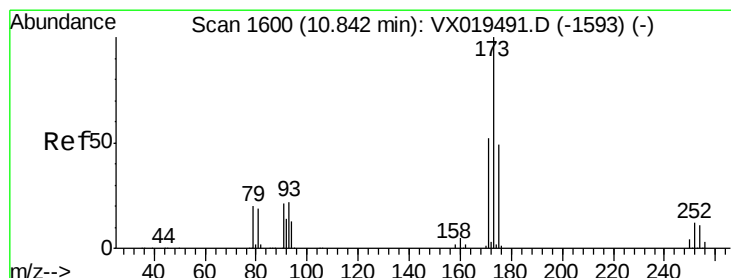
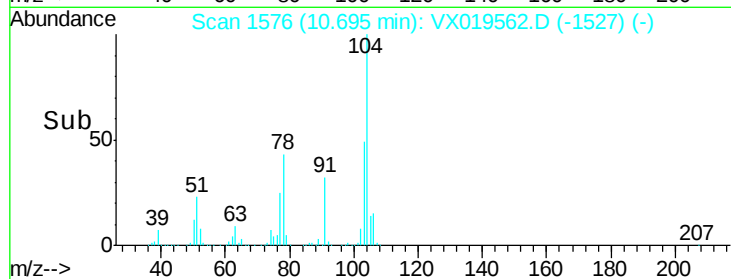
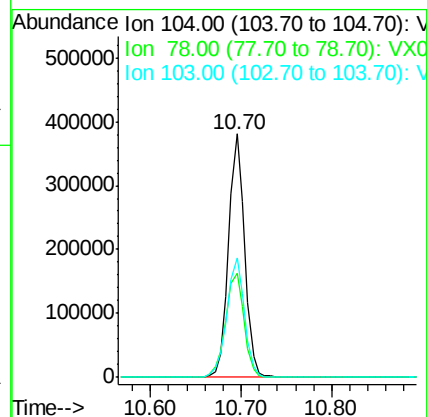
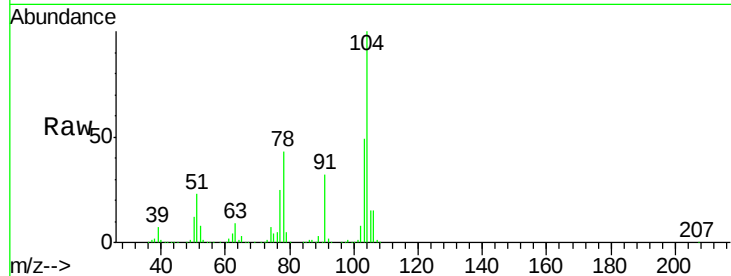
#70
Stvrene
Concen: 48.039 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	469411		
78	49.5		39.5	59.3
103	54.0		43.6	65.4

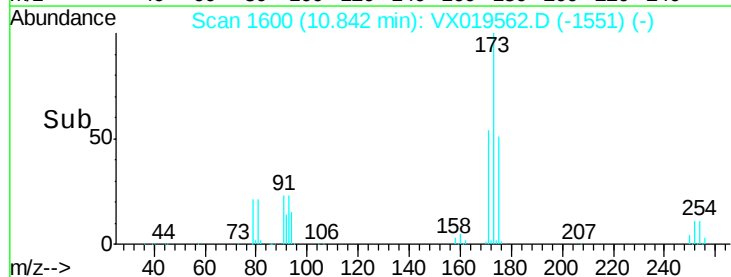
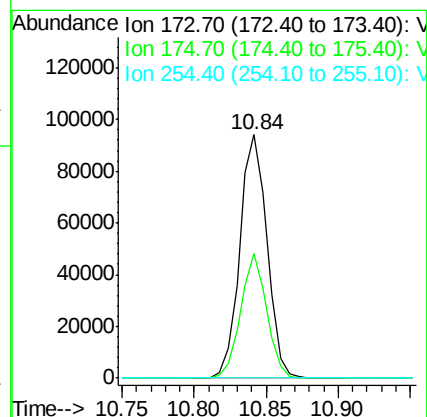
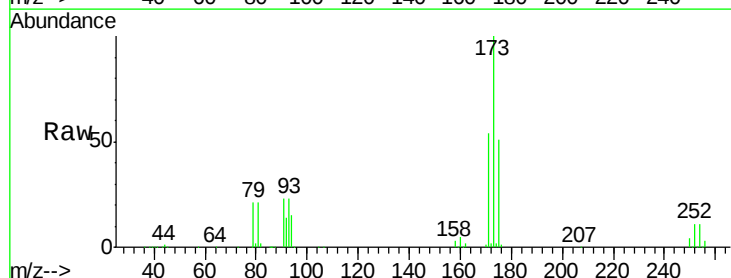
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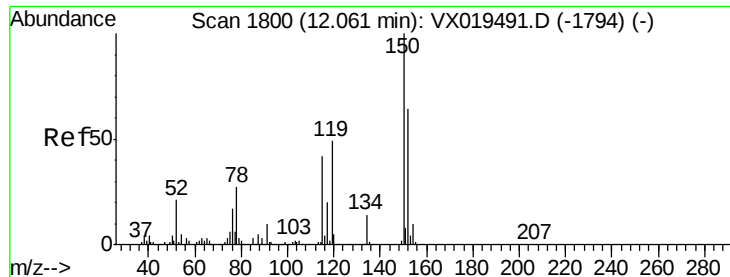
MMDadoda
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#71
Bromoform
Concen: 47.541 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	123616		
175	49.2		24.9	74.8
254	0.2		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion:152 Resp: 205570

Ion Ratio Lower Upper

152 100

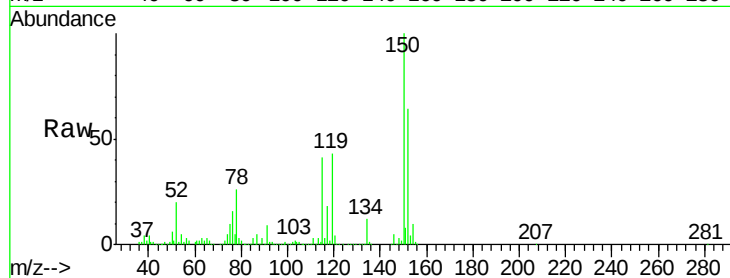
115 81.6 41.8 125.4

150 174.8 0.0 348.2

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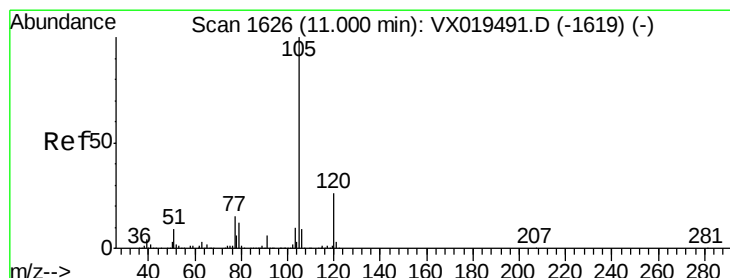
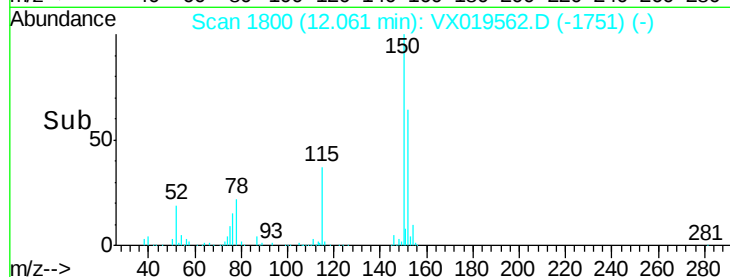
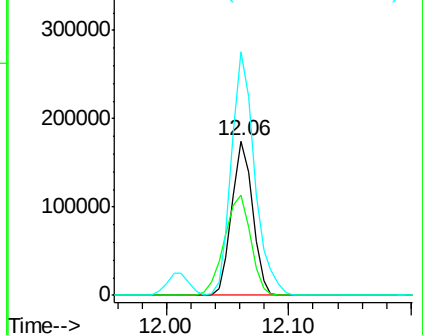
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.303 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019562.D

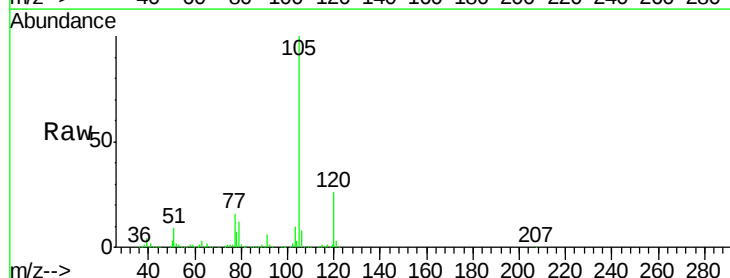
Acq: 23 Nov 2020 19:46

Tgt Ion:105 Resp: 729573

Ion Ratio Lower Upper

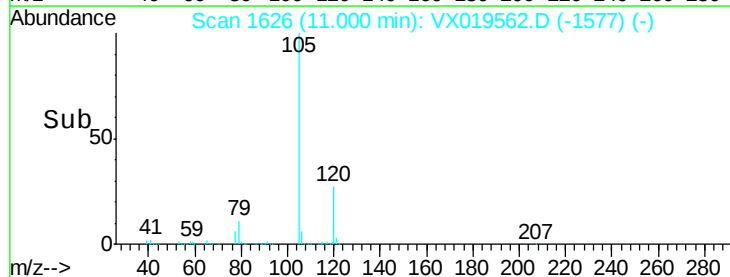
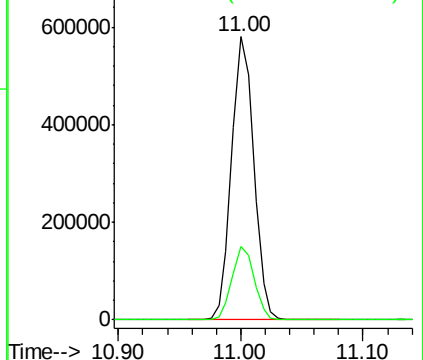
105 100

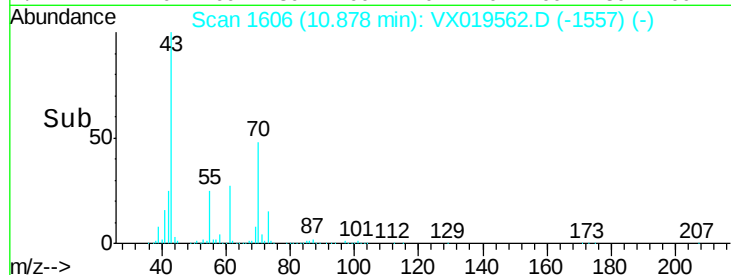
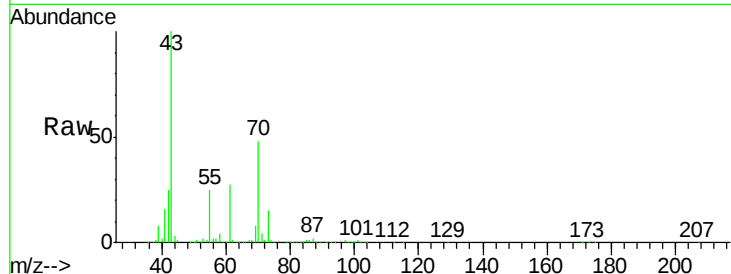
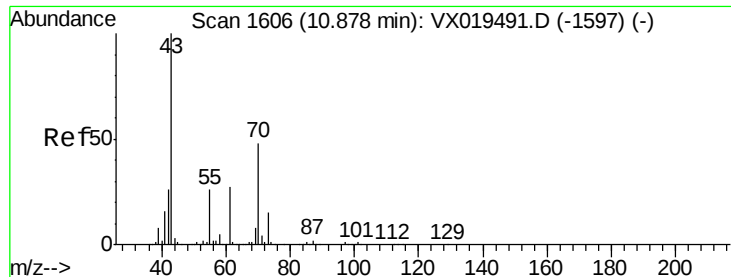
120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.120 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

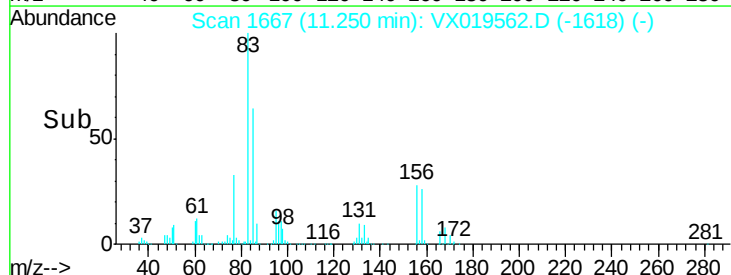
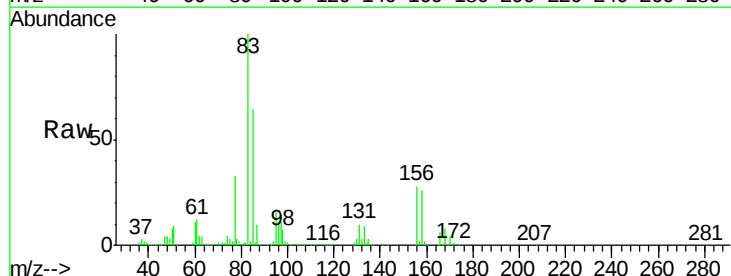
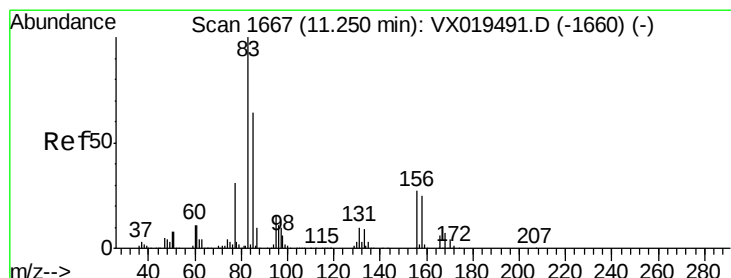
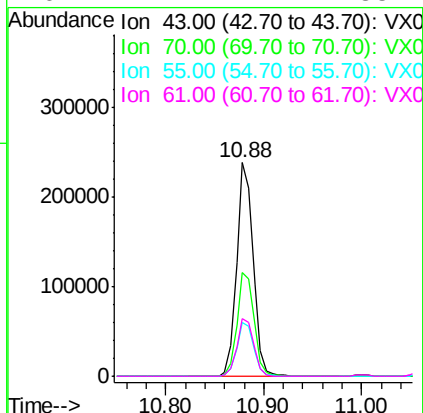
ClientSampleId :

56BR-20201118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		277736		
70	50.1	39.7	59.5		
55	26.0	21.8	32.6		
61	27.7	22.2	33.4		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.300 ug/l

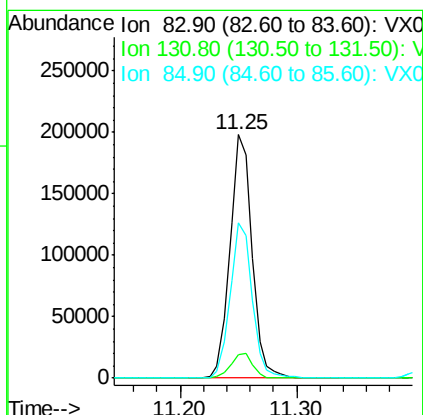
RT: 11.25 min Scan# 1667

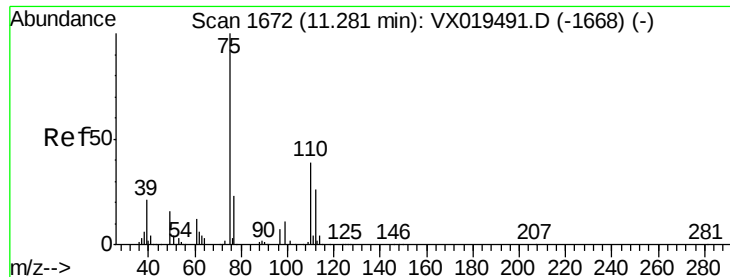
Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		260888		
131	10.3	5.0	15.0		
85	64.2	32.4	97.2		





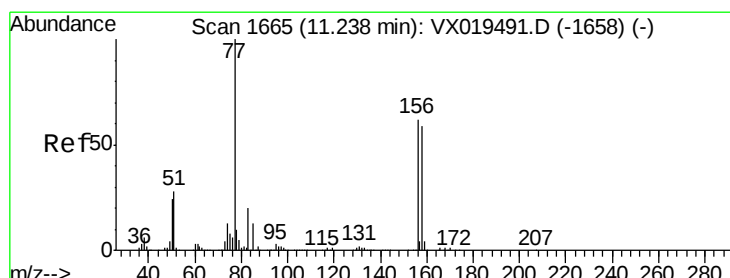
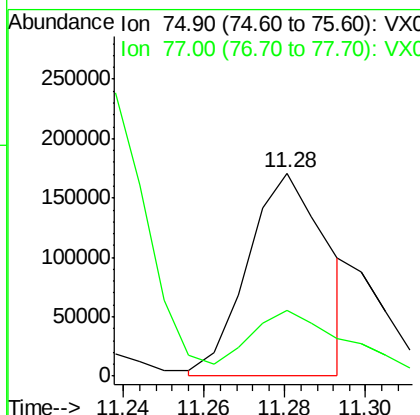
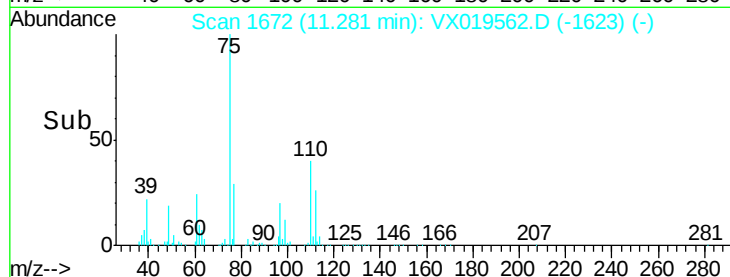
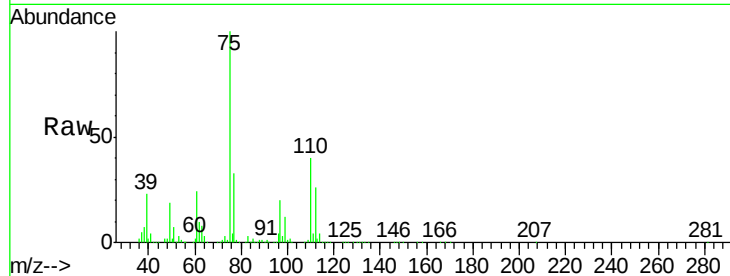
#76
 1,2,3-Trichloropropane
 Concen: 51.645 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion: 75 Resp: 231692
 Ion Ratio Lower Upper
 75 100
 77 40.5 20.0 60.0

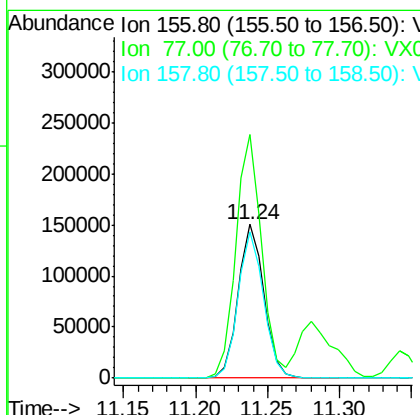
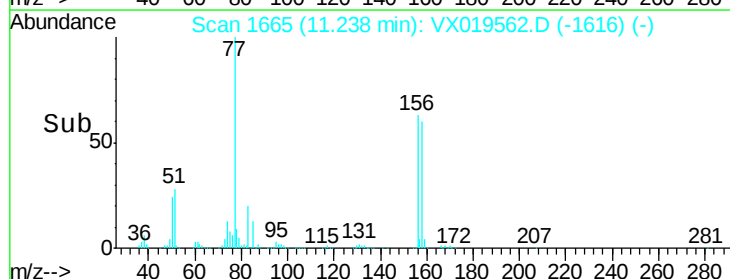
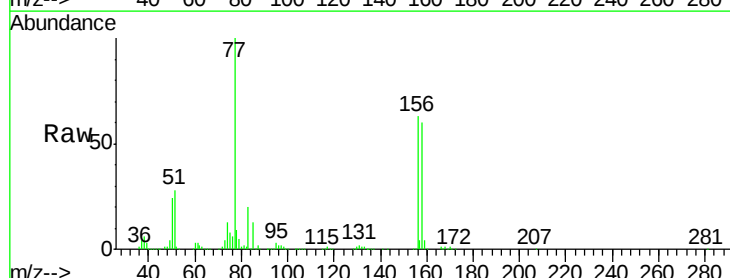
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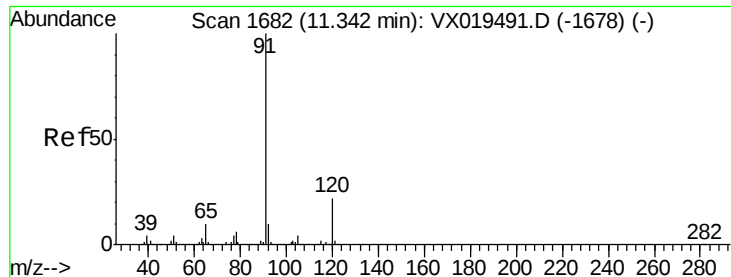
MMDadoda
 11/24/2020 2:59:56 PM



#77
 Bromobenzene
 Concen: 51.449 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion: 156 Resp: 186779
 Ion Ratio Lower Upper
 156 100
 77 159.6 82.5 247.3
 158 94.8 48.9 146.7





#78

n-propylbenzene

Concen: 49.406 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 91 Resp: 806005

Ion Ratio Lower Upper

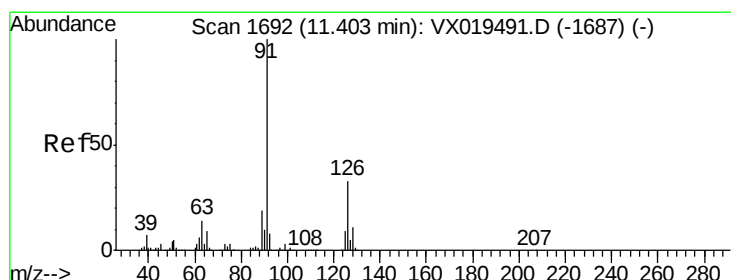
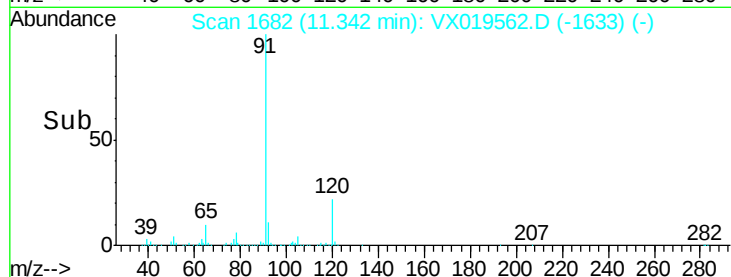
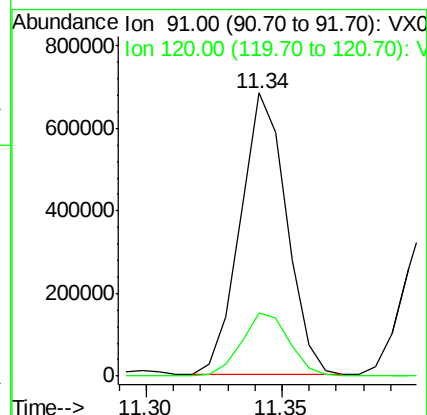
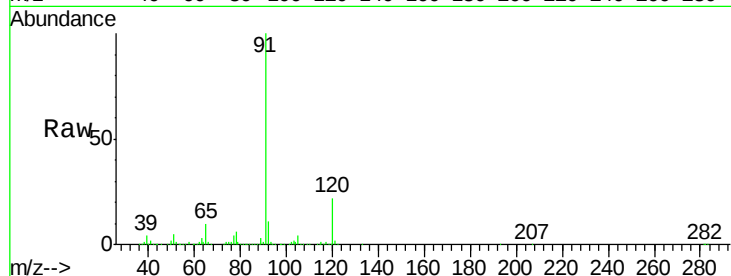
91 100

120 23.0 11.5 34.4

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#79

2-Chlorotoluene

Concen: 50.029 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019562.D

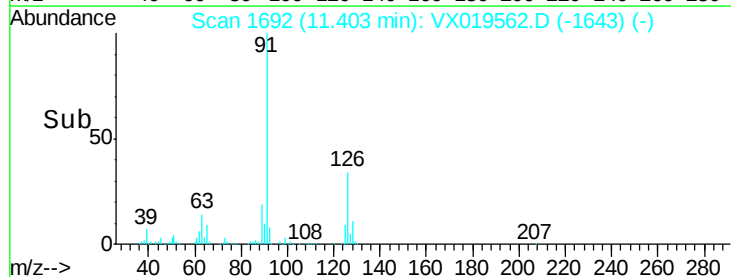
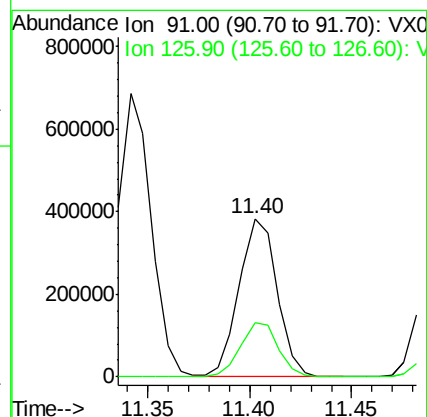
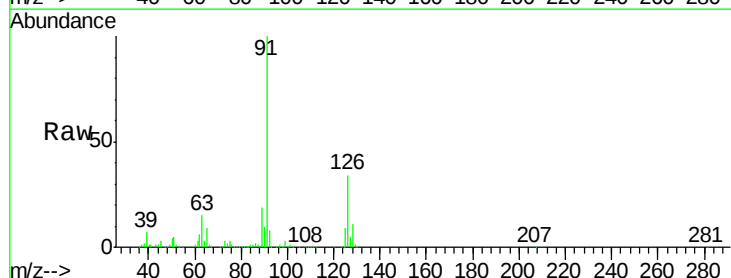
Acq: 23 Nov 2020 19:46

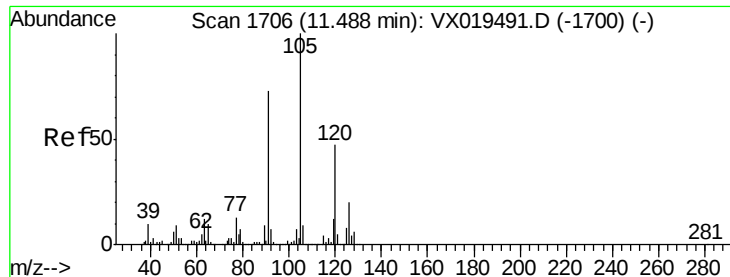
Tgt Ion: 91 Resp: 494983

Ion Ratio Lower Upper

91 100

126 34.2 16.7 50.0





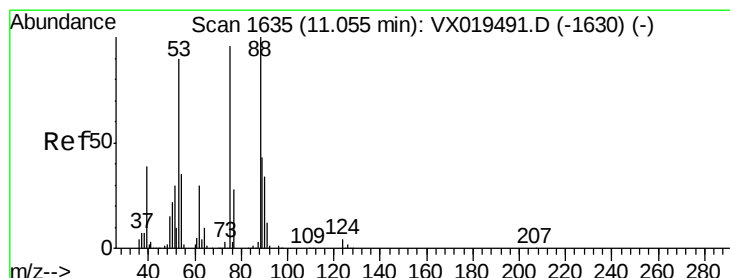
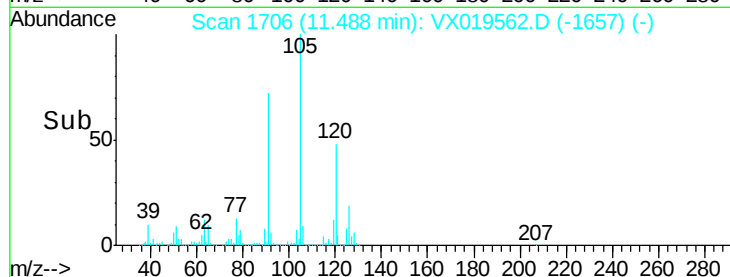
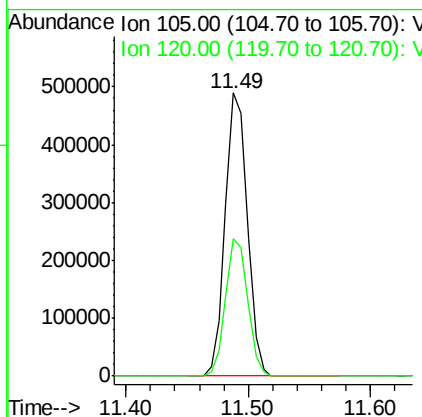
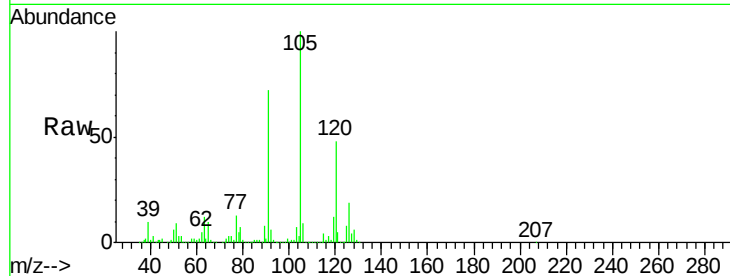
#80
 1,3,5-Trimethylbenzene
 Concen: 51.425 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.3

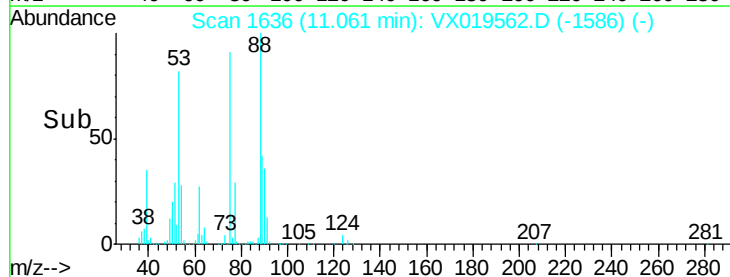
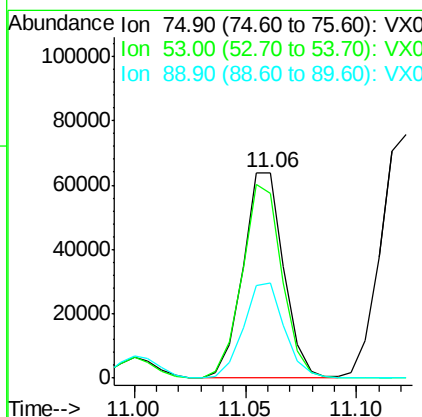
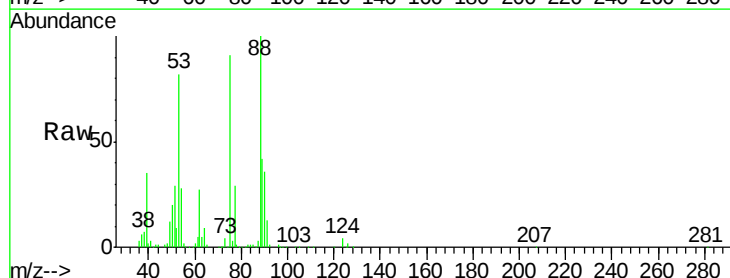
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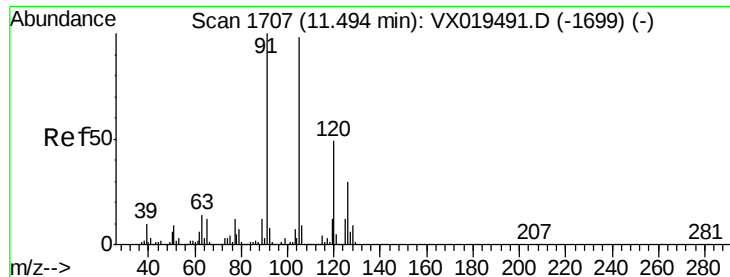
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.773 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.7	73.9	110.9
89	47.0	37.3	55.9





#82

4-Chlorotoluene

Concen: 50.354 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion: 91 Resp: 586484

Ion Ratio Lower Upper

91 100

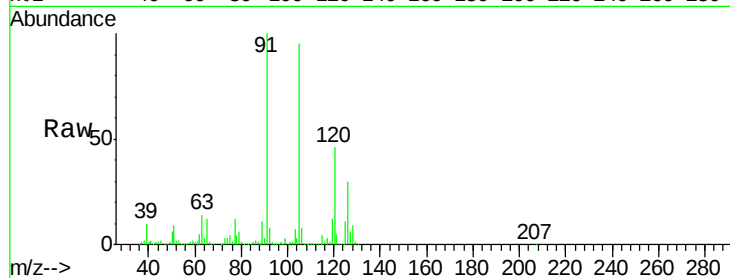
126 29.6 14.9 44.7

Manual Integrations

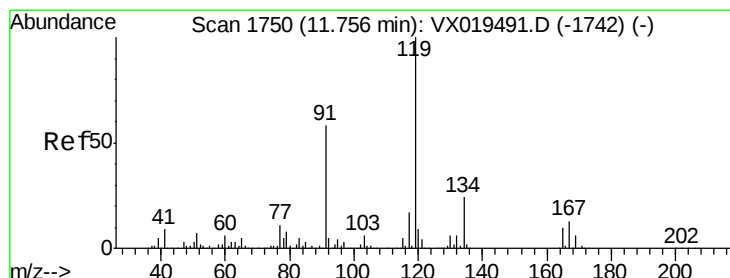
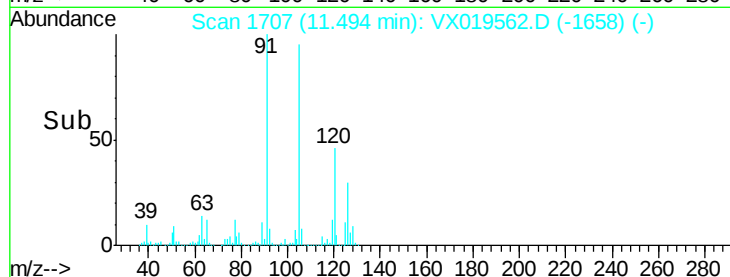
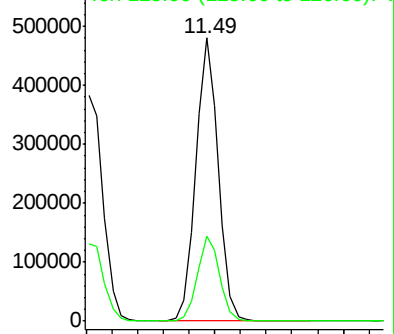
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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1699) (-)



#83

tert-Butylbenzene

Concen: 51.834 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

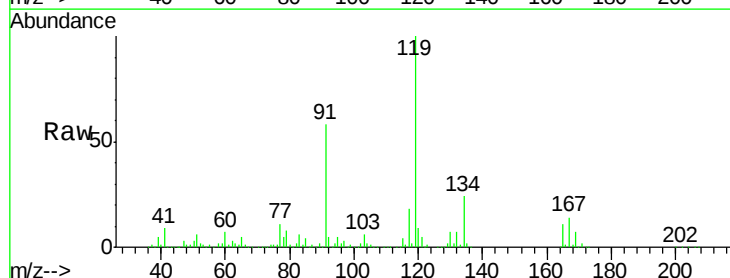
Tgt Ion: 119 Resp: 598232

Ion Ratio Lower Upper

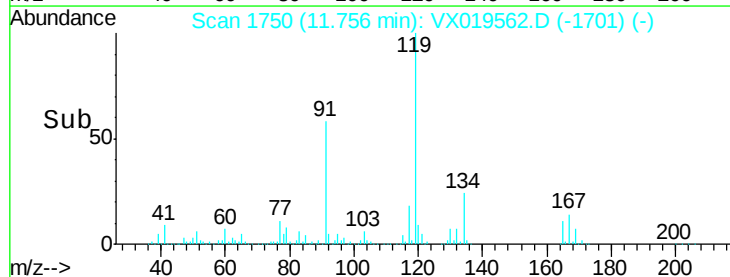
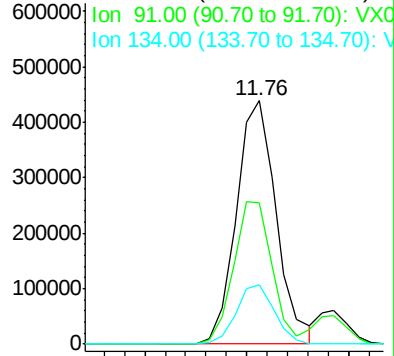
119 100

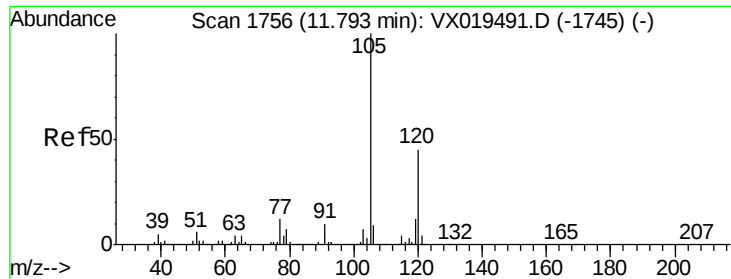
91 56.3 28.9 86.8

134 23.2 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): VX019491.D (-1742) (-)





#84

1,2,4-Trimethylbenzene

Concen: 51.586 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20201118MS

Tot Ion:105 Resp: 622661

Ion Ratio Lower Upper

105 100

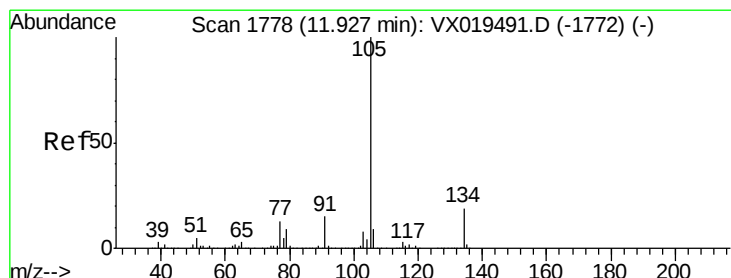
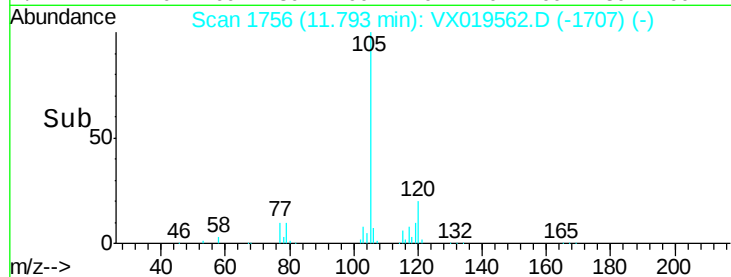
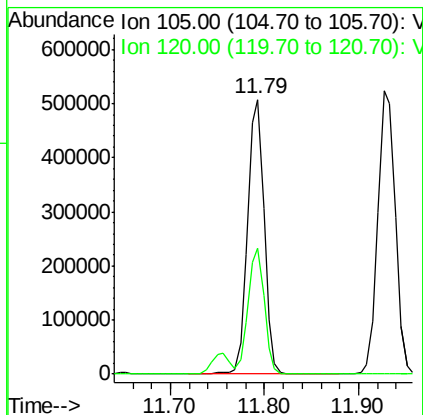
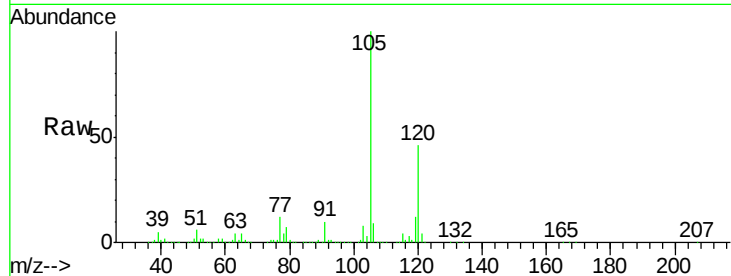
120 44.9 22.2 66.6

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#85

sec-Butylbenzene

Concen: 49.023 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019562.D

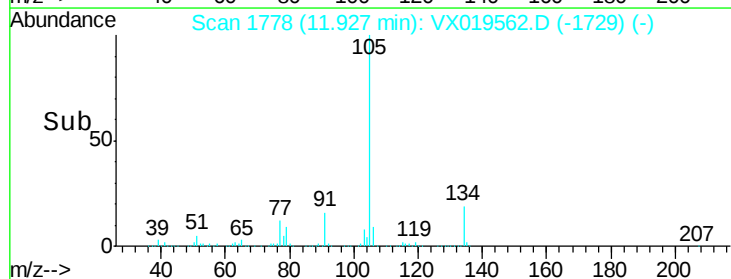
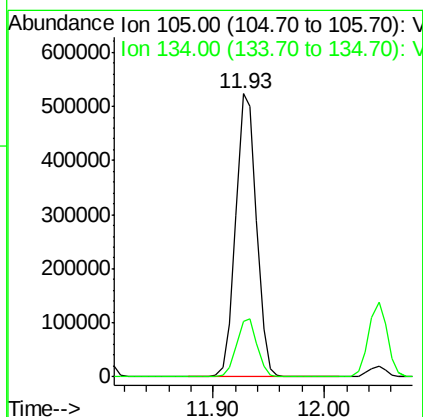
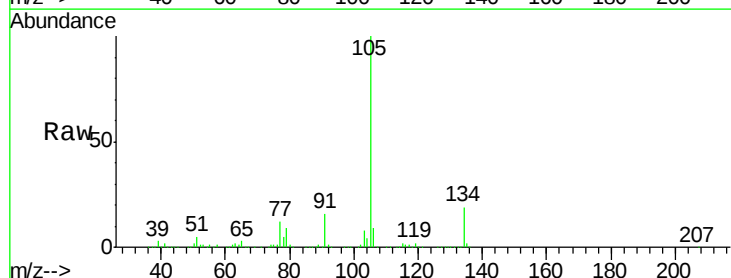
Acq: 23 Nov 2020 19:46

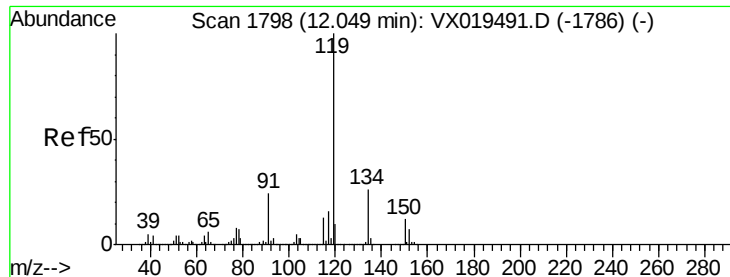
Tgt Ion:105 Resp: 673096

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3





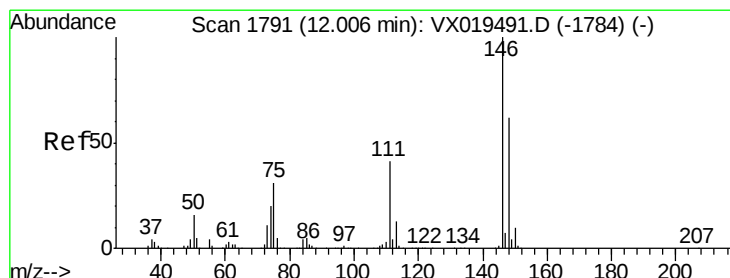
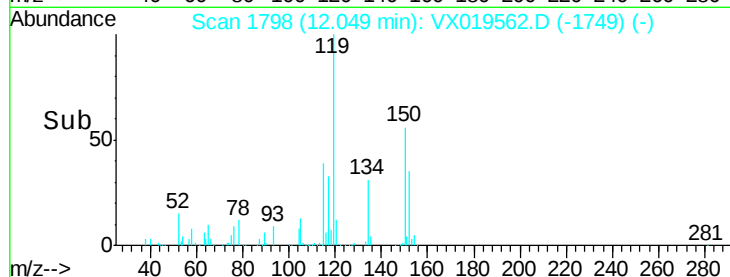
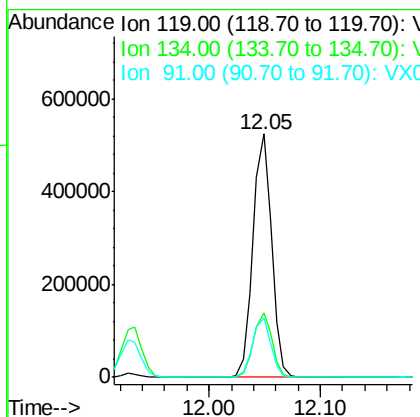
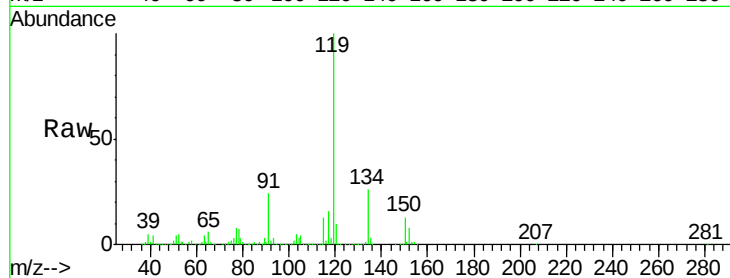
#86
 p-Isopropyltoluene
 Concen: 49.221 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	613586		
134	26.5		13.1	39.3
91	23.9		11.8	35.4

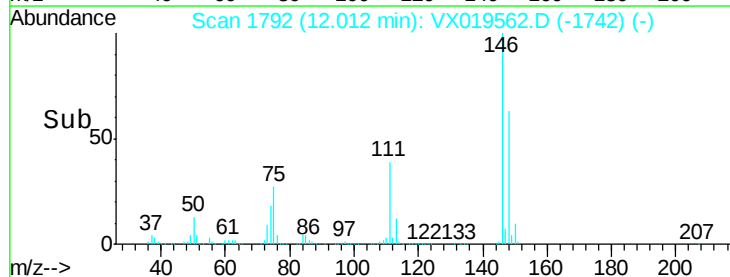
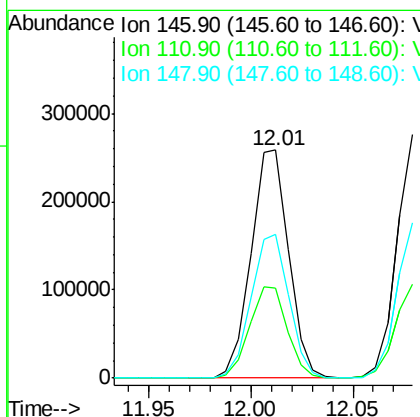
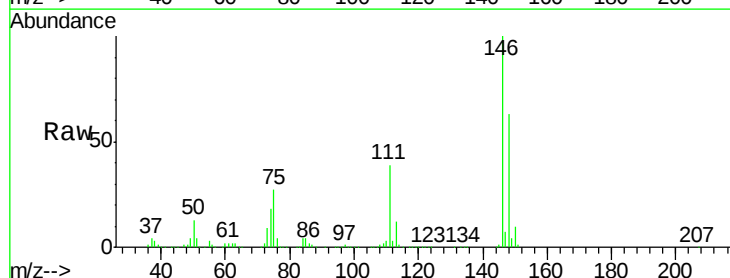
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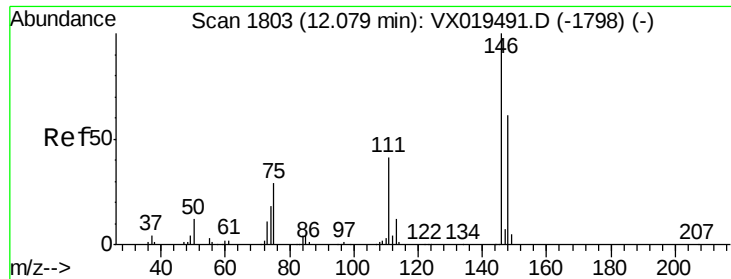
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#87
 1,3-Dichlorobenzene
 Concen: 49.840 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332291		
111	40.2		20.2	60.6
148	63.4		31.4	94.2





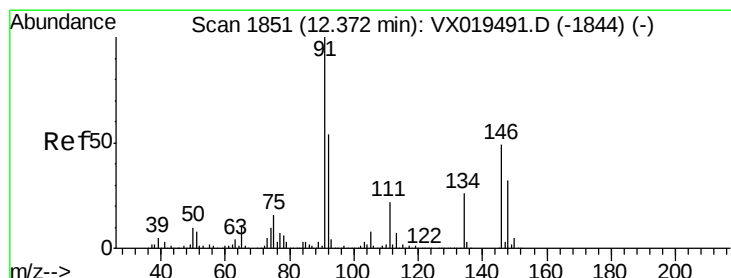
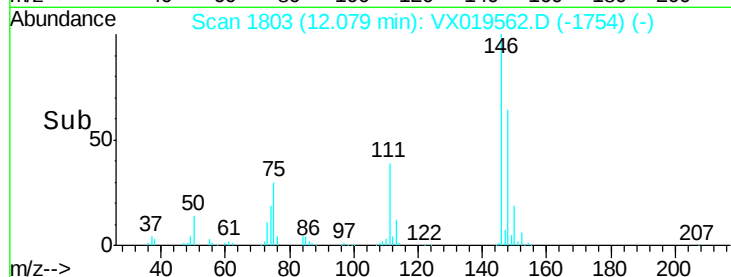
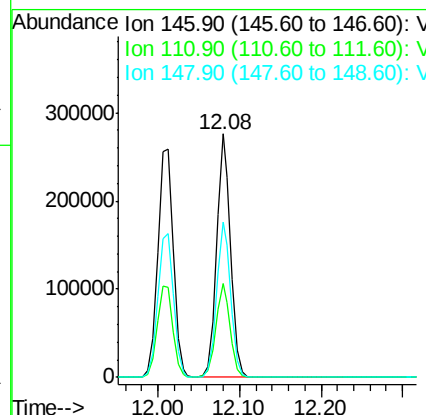
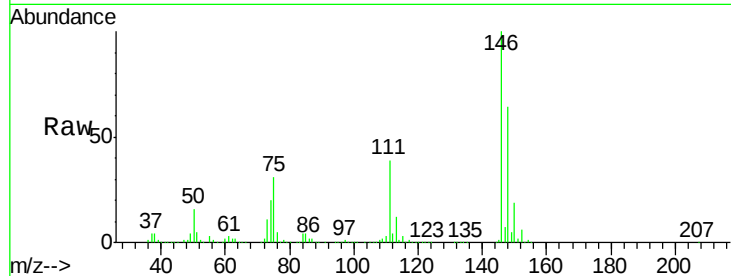
#88
 1,4-Dichlorobenzene
 Concen: 48.823 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.6
148	64.2	31.7	95.1

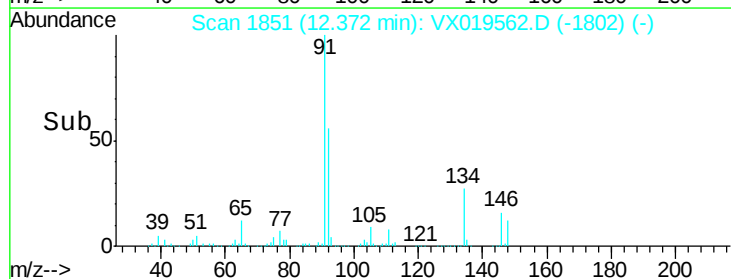
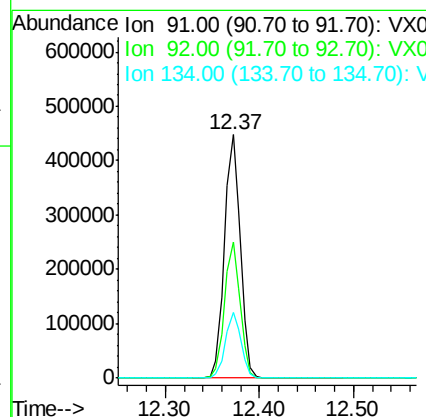
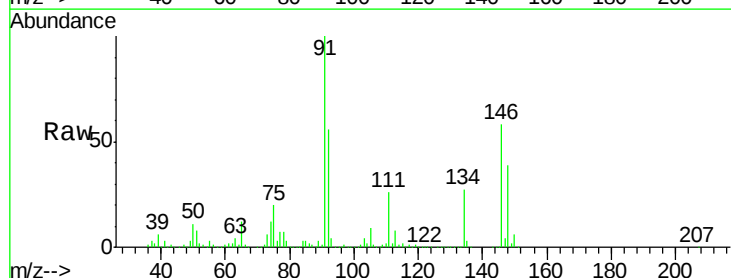
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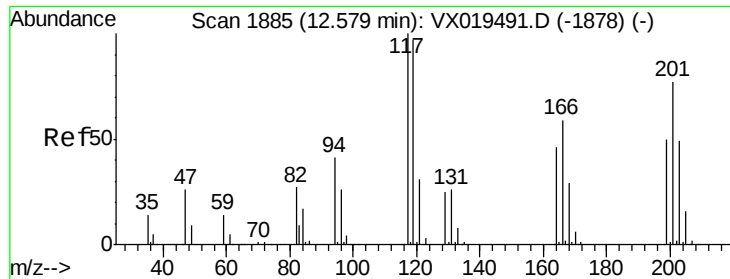
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#89
 n-Butylbenzene
 Concen: 46.354 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.9	80.6
134	26.5	12.9	38.6





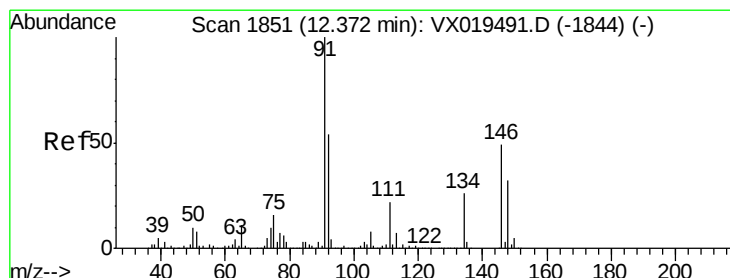
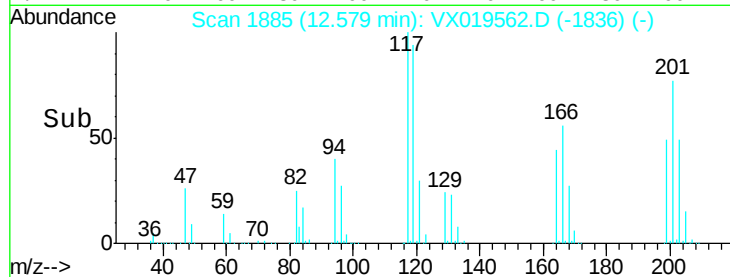
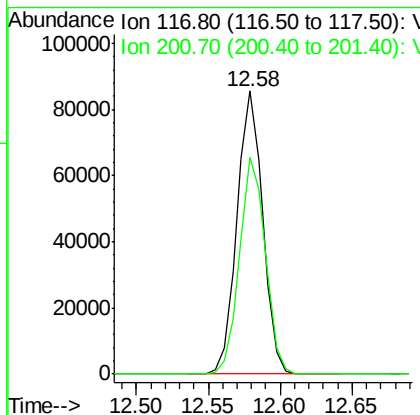
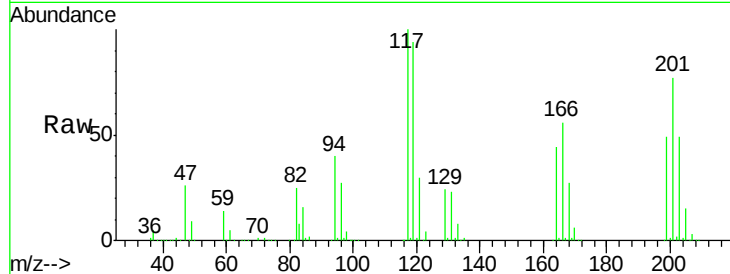
#90
Hexachloroethane
Concen: 51.057 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20201118MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	106504		
201	76.8	39.4	118.2	

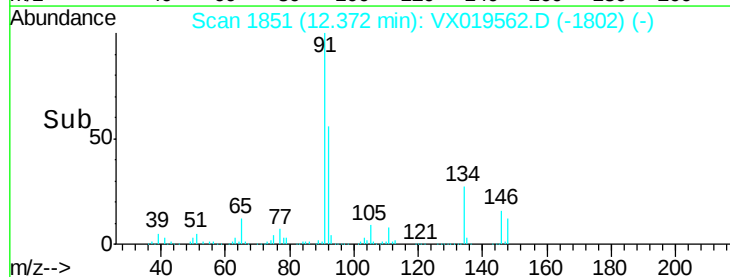
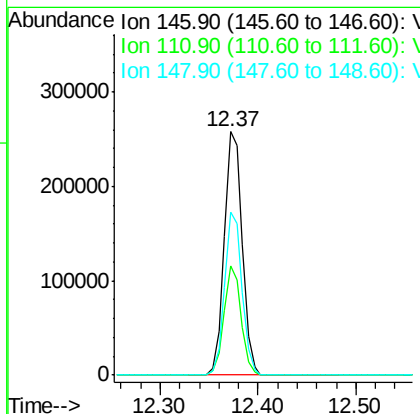
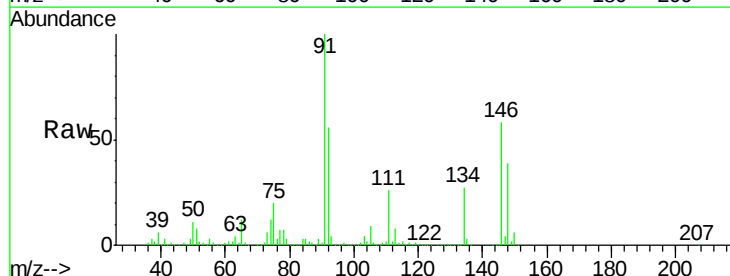
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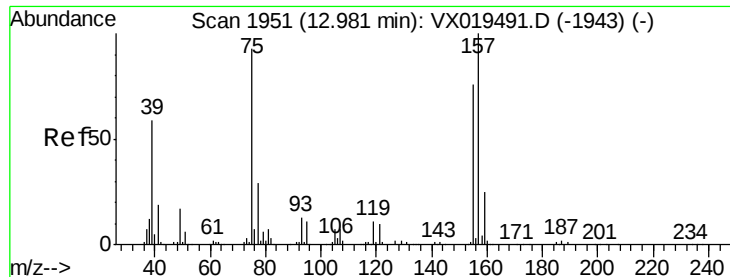
MMDadoda
11/24/2020 2:59:56 PM



#91
1,2-Dichlorobenzene
Concen: 48.730 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019562.D
Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	326312		
111	42.7	21.1	63.3	
148	65.2	32.4	97.0	





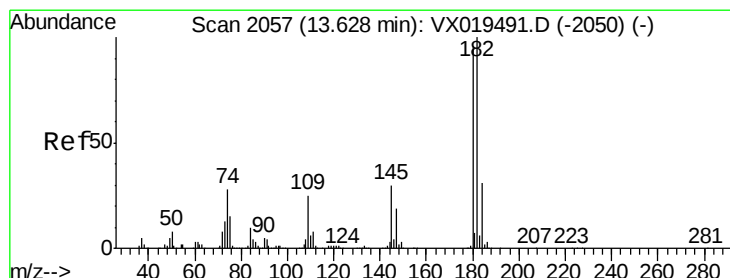
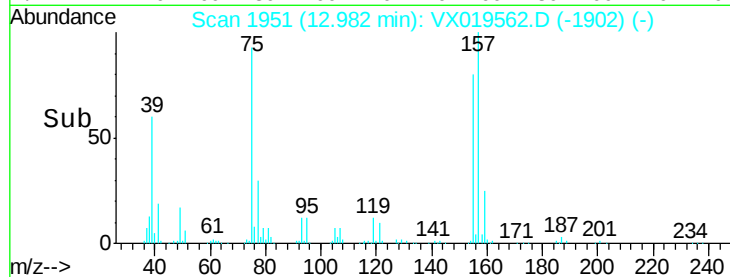
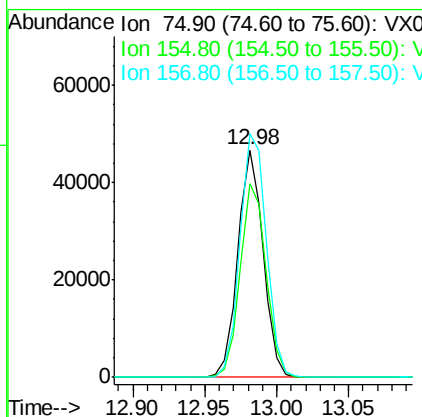
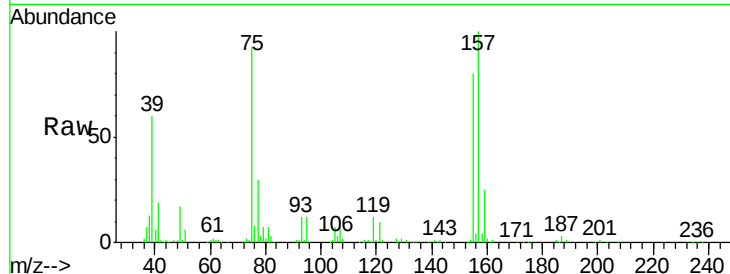
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.969 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	86.9	43.6	130.9
157	111.3	57.0	170.8

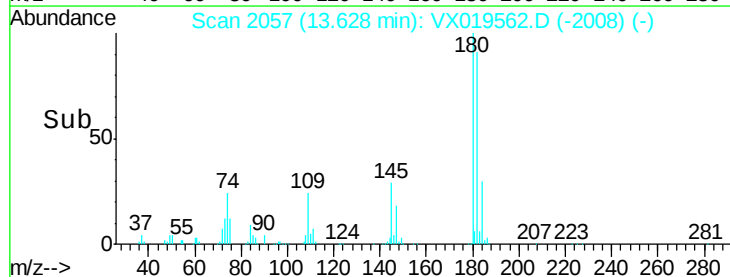
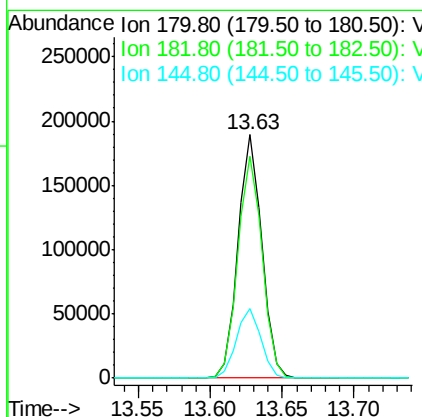
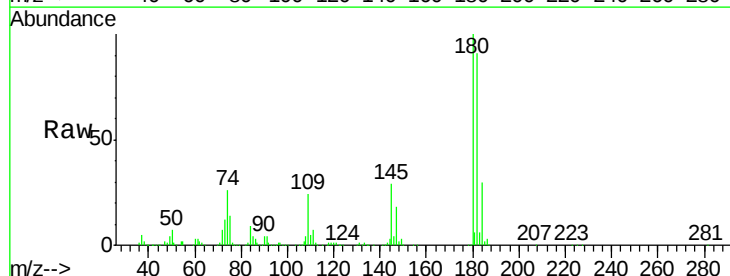
Manual Integrations
 APPROVED

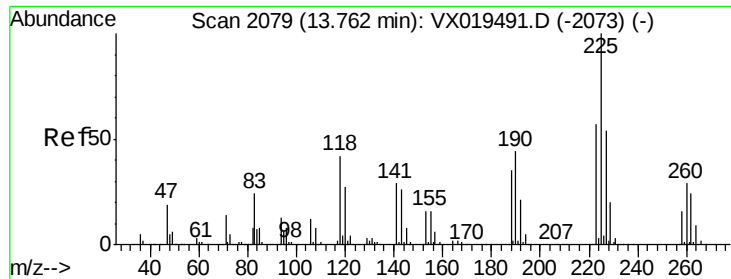
MMDadoda
 11/24/2020 2:59:56 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.660 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.6	145.9
145	29.7	15.9	47.7





#94

Hexachlorobutadiene

Concen: 39.709 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Instrument :

MSVOA_X

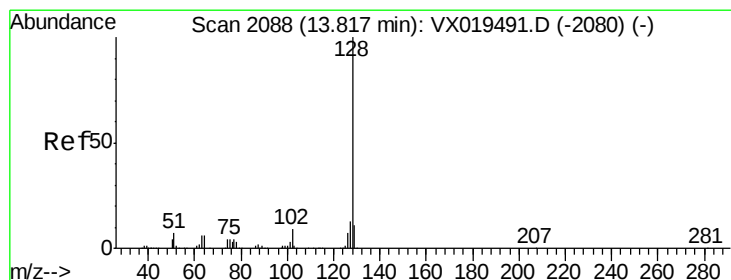
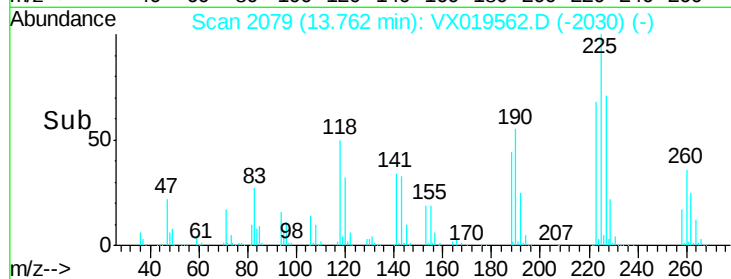
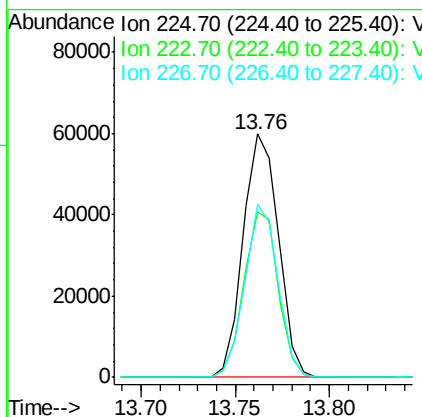
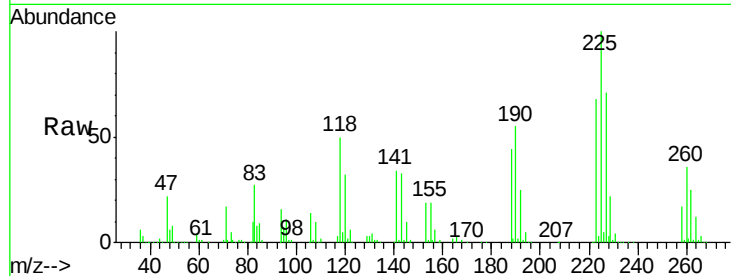
ClientSampleId :

56BR-20201118MS

Tot Ion:	225	Resp:	77768
Ion Ratio	Lower	Upper	
225	100		
223	66.3	32.5	97.5
227	66.9	32.8	98.3

Manual Integrations
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#95

Naphthalene

Concen: 49.048 ug/l

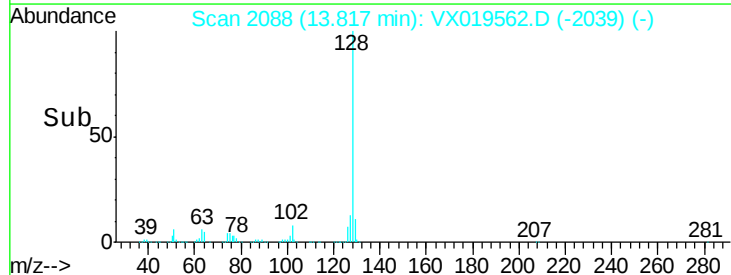
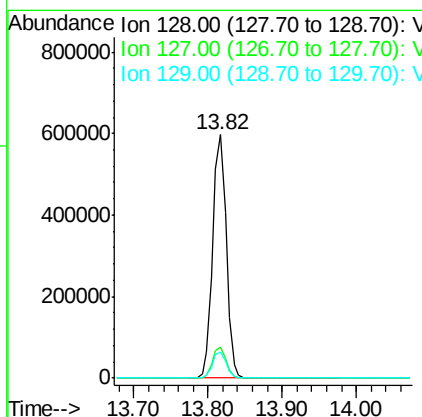
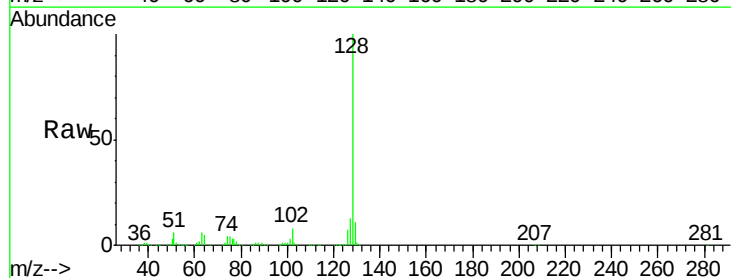
RT: 13.82 min Scan# 2088

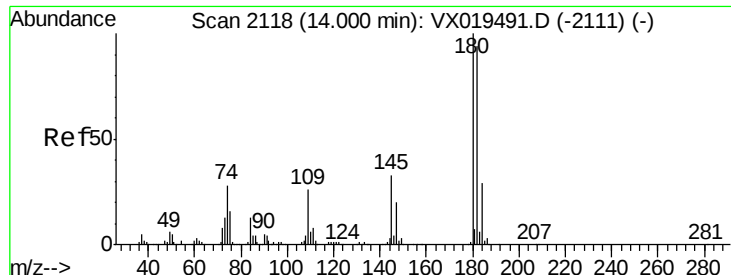
Delta R.T. 0.00 min

Lab File: VX019562.D

Acq: 23 Nov 2020 19:46

Tgt Ion:	128	Resp:	743047
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.352 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019562.D
 Acq: 23 Nov 2020 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	48.1	144.3
145	31.7	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:59:56 PM

