

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019689.D
 Acq On : 01 Dec 2020 12:50
 Operator : JC/MD
 Sample : VX1201WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Quant Time: Dec 02 02:11:37 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	270293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187870	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	178344	50.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.78%	
35) Dibromofluoromethane		5.46	113	144489	51.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.68%	
50) Toluene-d8		8.70	98	541595	50.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.00%	
62) 4-Bromofluorobenzene		11.12	95	194354	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45985	17.495	ug/l	97
3) Chloromethane	1.31	50	49219	16.318	ug/l	100
4) Vinyl Chloride	1.39	62	56373	17.362	ug/l	99
5) Bromomethane	1.62	94	20827	16.935	ug/l	99
6) Chloroethane	1.69	64	34023	42.367	ug/l	97
7) Trichlorofluoromethane	1.90	101	82497	17.604	ug/l	97
8) Diethyl Ether	2.17	74	35311	18.814	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48012	18.364	ug/l	99
10) Methyl Iodide	2.48	142	61342	17.860	ug/l	99
11) Tert butyl alcohol	3.04	59	79084	119.238	ug/l	98
12) 1,1-Dichloroethene	2.34	96	46908	17.481	ug/l	98
13) Acrolein	2.28	56	29504	66.178	ug/l	99
14) Allyl chloride	2.70	41	78370	18.643	ug/l	98
15) Acrylonitrile	3.12	53	163125	104.289	ug/l	99
16) Acetone	2.42	43	136906	101.017	ug/l	99
17) Carbon Disulfide	2.54	76	114645	15.903	ug/l	100
18) Methyl Acetate	2.75	43	71059	21.747	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	188721	20.374	ug/l	98
20) Methylene Chloride	2.83	84	62278	18.385	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55504	18.256	ug/l	97
22) Diisopropyl ether	3.82	45	173295	19.927	ug/l	97
23) Vinyl Acetate	3.78	43	736327	100.943	ug/l	99
24) 1,1-Dichloroethane	3.66	63	100831	18.956	ug/l	98
25) 2-Butanone	4.64	43	210536	103.412	ug/l	100
26) 2,2-Dichloropropane	4.54	77	84087	18.111	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	66670	19.090	ug/l	98
28) Bromochloromethane	4.97	49	46886	18.436	ug/l	99
29) Tetrahydrofuran	5.09	42	133757	102.969	ug/l	100
30) Chloroform	5.17	83	107533	19.333	ug/l	99
31) Cyclohexane	5.54	56	81742	17.933	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	89398	18.711	ug/l	99
36) 1,1-Dichloropropene	5.76	75	75901	18.231	ug/l	99
37) Ethyl Acetate	4.79	43	82408	21.085	ug/l	100
38) Carbon Tetrachloride	5.74	117	75788	18.807	ug/l	99

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 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)
39) Methylcyclohexane	7.43	83	86994	17.946	ug/l	97
40) Benzene	6.10	78	240114	18.771	ug/l	99
41) Methacrylonitrile	5.01	41	43801	20.323	ug/l	99
42) 1,2-Dichloroethane	6.16	62	86057	19.628	ug/l	99
43) Isopropyl Acetate	6.41	43	130159	19.811	ug/l	100
44) Trichloroethene	7.18	130	61369	18.316	ug/l	96
45) 1,2-Dichloropropane	7.48	63	61214	19.439	ug/l	98
46) Dibromomethane	7.63	93	41890	19.436	ug/l	100
47) Bromodichloromethane	7.87	83	80533	19.256	ug/l	99
48) Methyl methacrylate	7.74	41	62588	20.341	ug/l	99
49) 1,4-Dioxane	7.71	88	30006	429.502	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396153	103.402	ug/l	99
52) Toluene	8.76	92	147093	18.797	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86564	19.165	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	97683	19.488	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62570	19.633	ug/l	97
56) Ethyl methacrylate	9.16	69	90112	19.983	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105372	19.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246209	93.177	ug/l	99
59) 2-Hexanone	9.47	43	297136	102.261	ug/l	100
60) Dibromochloromethane	9.56	129	60428	19.358	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65445	19.922	ug/l	100
64) Tetrachloroethene	9.32	164	53745	17.052	ug/l	95
65) Chlorobenzene	10.12	112	152930	18.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	57186	19.070	ug/l	99
67) Ethyl Benzene	10.23	91	273196	18.917	ug/l	99
68) m/p-Xylenes	10.34	106	202374	37.612	ug/l	100
69) o-Xylene	10.68	106	97327	18.922	ug/l	100
70) Styrene	10.70	104	162346	18.136	ug/l	99
71) Bromoform	10.84	173	40154	18.271	ug/l #	98
73) Isopropylbenzene	11.00	105	262575	20.204	ug/l	100
74) N-amyl acetate	10.88	43	101253	20.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93521	20.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	103227	25.178	ug/l	87
77) Bromobenzene	11.24	156	64613	19.475	ug/l	97
78) n-propylbenzene	11.34	91	290286	19.470	ug/l	99
79) 2-Chlorotoluene	11.40	91	177169	19.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	214077	19.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	20.890	ug/l	96
82) 4-Chlorotoluene	11.49	91	207837	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	211274	20.031	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	215570	19.542	ug/l	98
85) sec-Butylbenzene	11.93	105	239013	19.048	ug/l	100
86) p-Isopropyltoluene	12.05	119	217334	19.077	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	114271	18.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118263	18.843	ug/l	100
89) n-Butylbenzene	12.37	91	182352	17.705	ug/l	99
90) Hexachloroethane	12.58	117	34994	18.356	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115787	18.920	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18648	19.667	ug/l	97

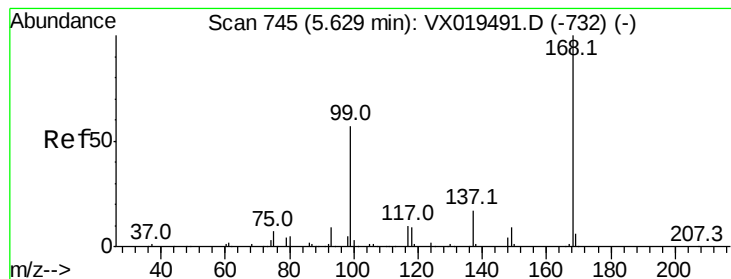
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
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Quant Time: Dec 02 02:11:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72971	18.573	ug/l	95
94) Hexachlorobutadiene	13.76	225	29981	16.751	ug/l	98
95) Naphthalene	13.82	128	245327	19.111	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72682	18.494	ug/l	99

(#) = 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

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

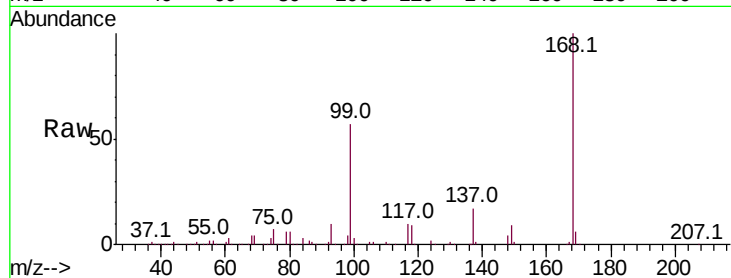
VX1201WBSD01

Tot Ion:168 Resp: 270293

Ion Ratio Lower Upper

168 100

99 57.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

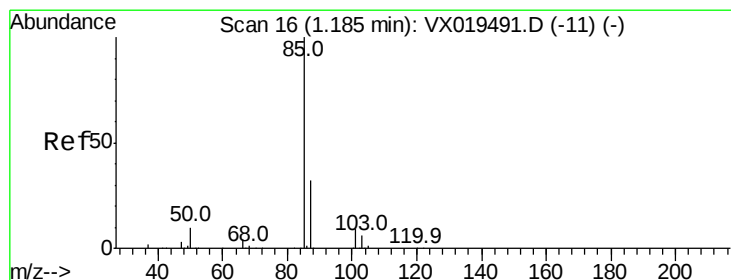
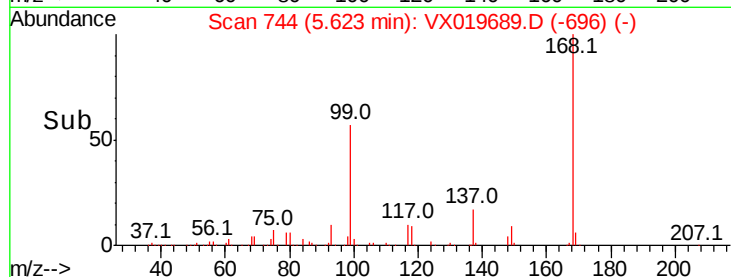
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.495 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019689.D

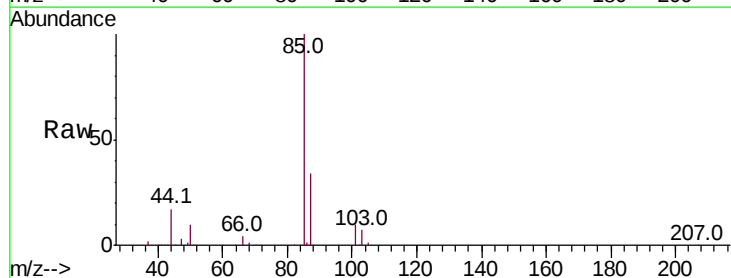
Acq: 01 Dec 2020 12:50

Tgt Ion: 85 Resp: 45985

Ion Ratio Lower Upper

85 100

87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

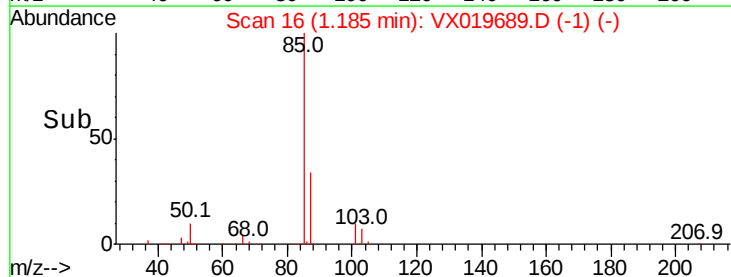
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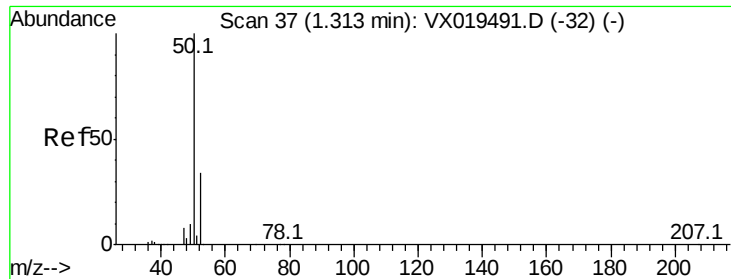
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10000

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Time-->





#3

Chloromethane

Concen: 16.318 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

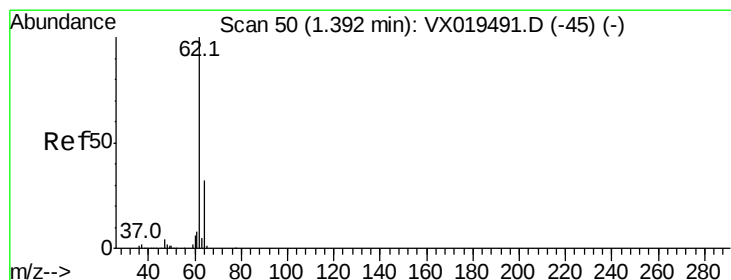
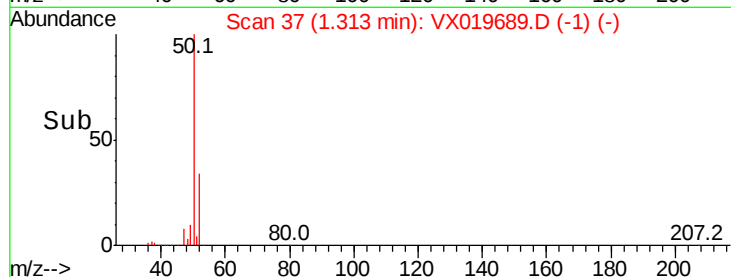
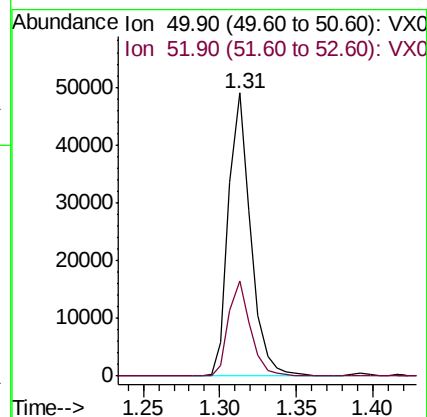
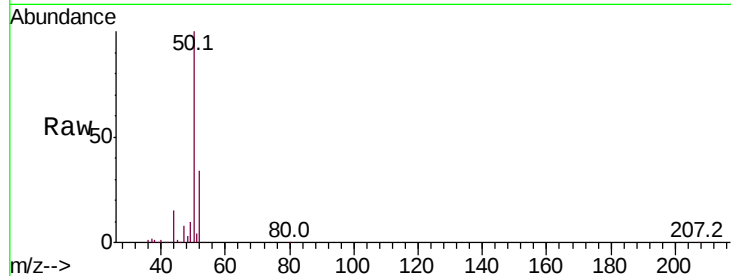
VX1201WBSD01

Tot Ion: 50 Resp: 49219

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 17.362 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019689.D

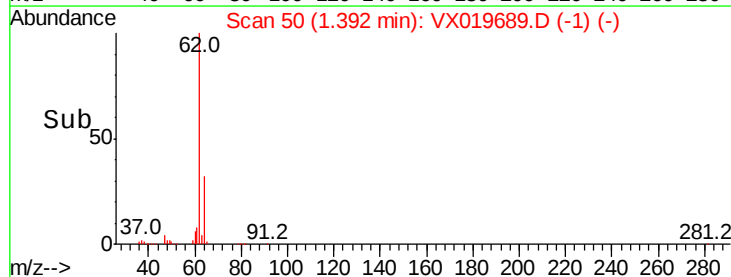
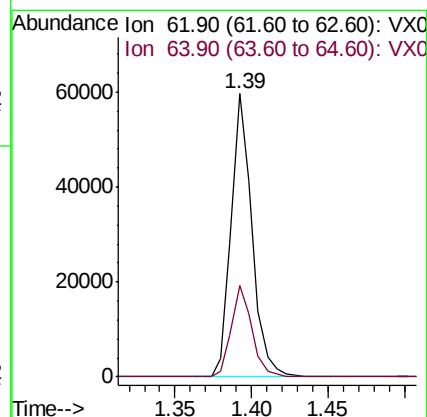
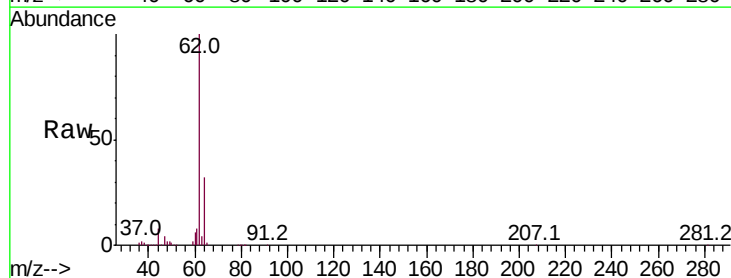
Acq: 01 Dec 2020 12:50

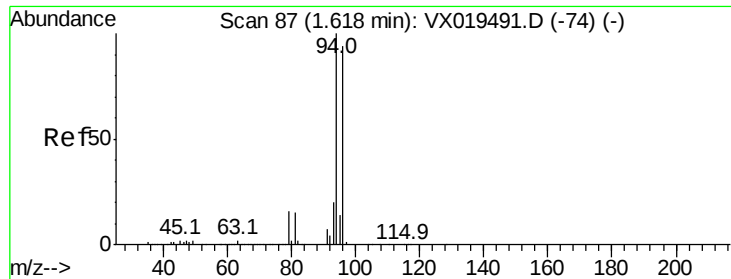
Tgt Ion: 62 Resp: 56373

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 16.935 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

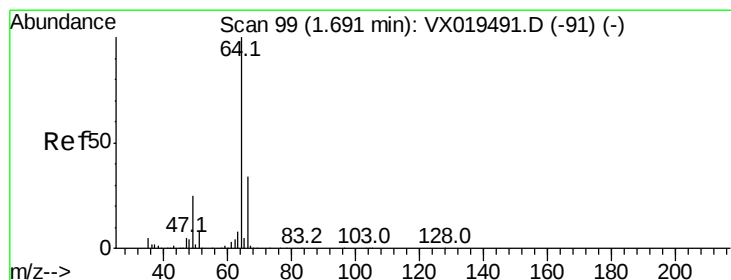
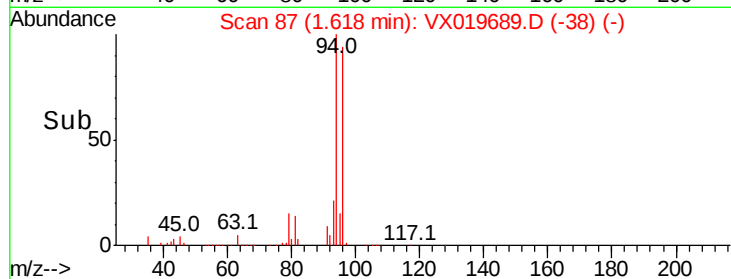
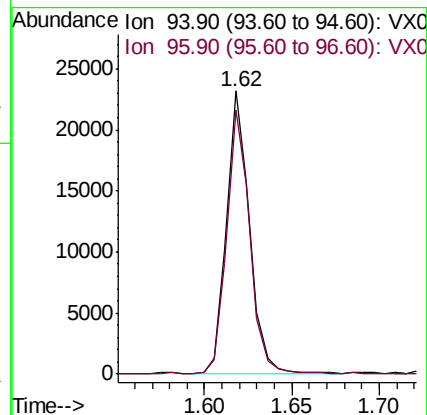
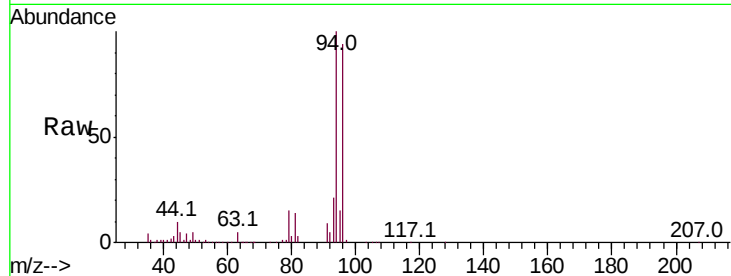
VX1201WBSD01

Tot Ion: 94 Resp: 20827

Ion Ratio Lower Upper

94 100

96 93.9 75.6 113.4



#6

Chloroethane

Concen: 42.367 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019689.D

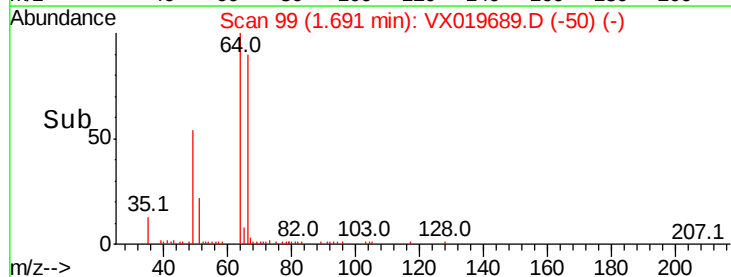
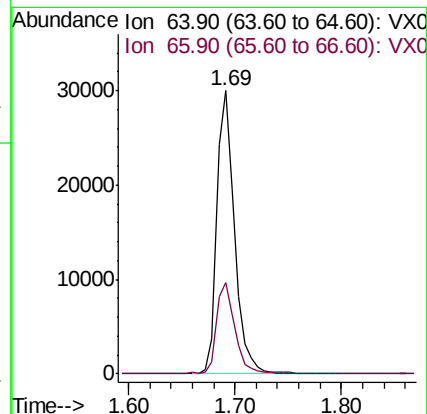
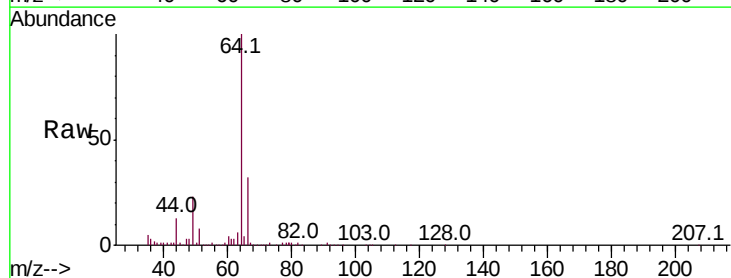
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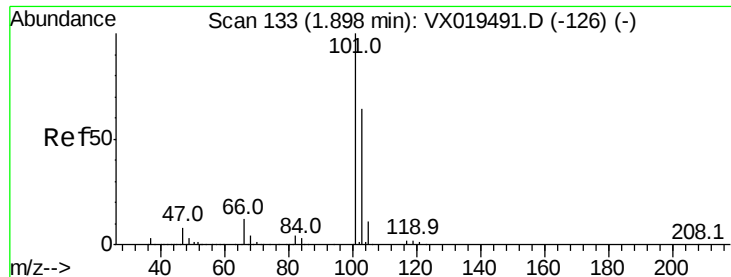
Tgt Ion: 64 Resp: 34023

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7



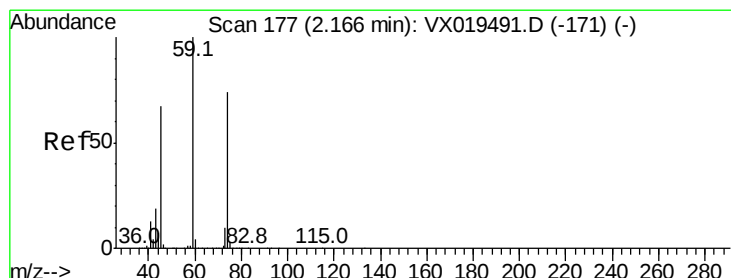
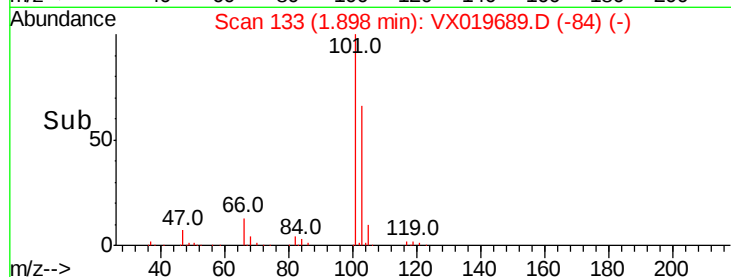
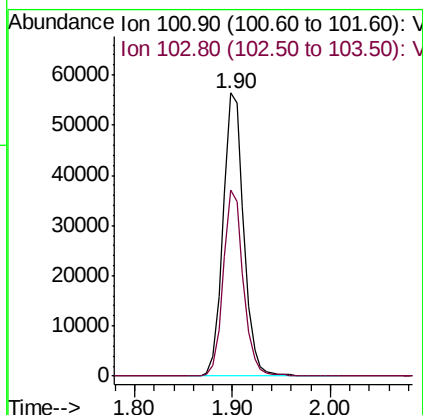
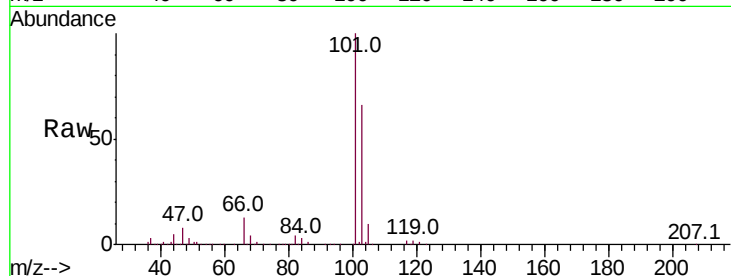


#7

Trichlorofluoromethane
Concen: 17.604 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

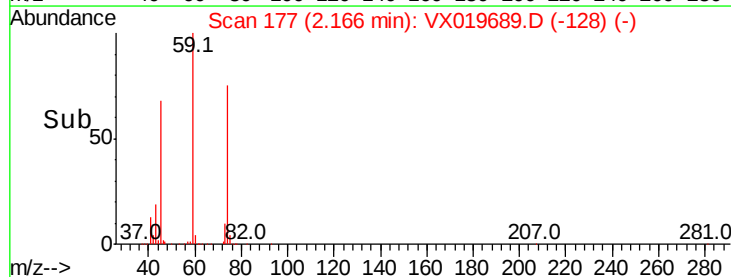
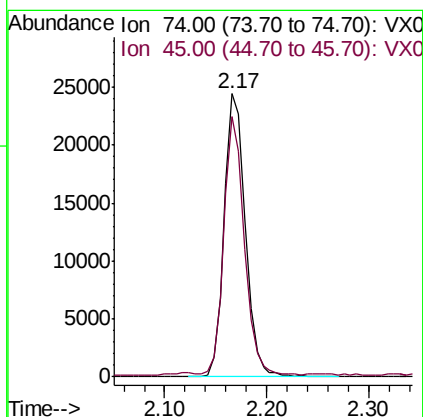
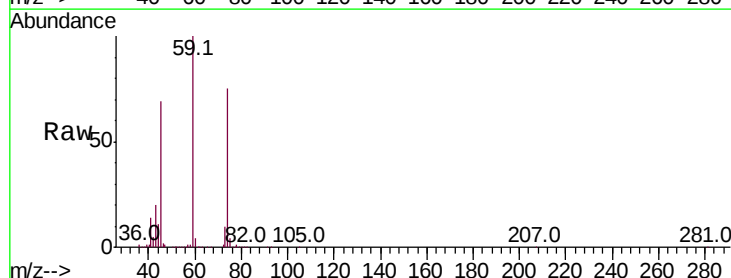
Tot Ion:101 Resp: 82497
Ion Ratio Lower Upper
101 100
103 65.8 50.9 76.3

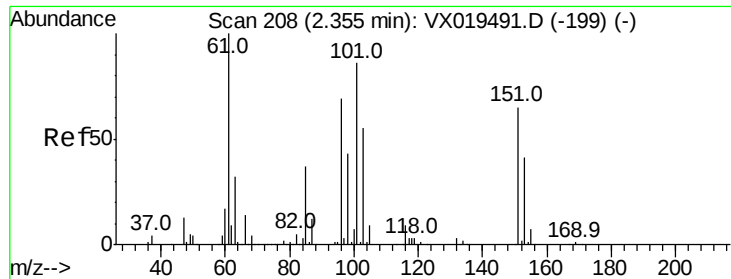


#8

Diethyl Ether
Concen: 18.814 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 74 Resp: 35311
Ion Ratio Lower Upper
74 100
45 87.3 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.364 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

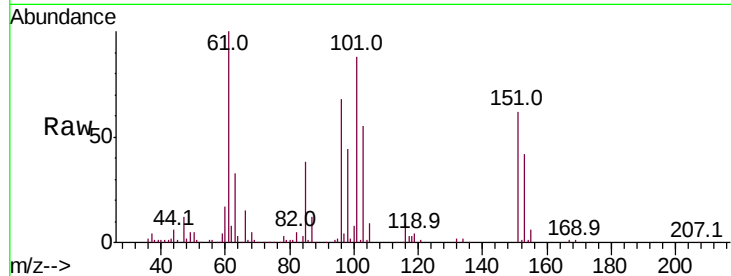
Tot Ion:101 Resp: 48012

Ion Ratio Lower Upper

101 100

85 43.9 33.9 50.9

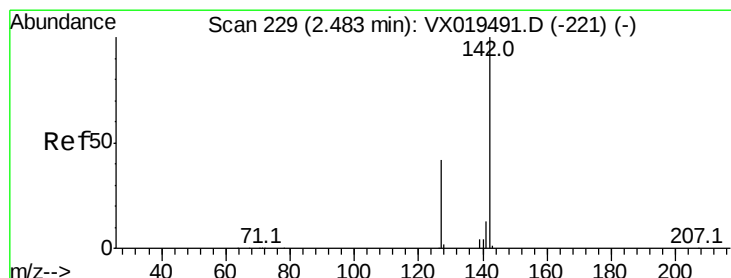
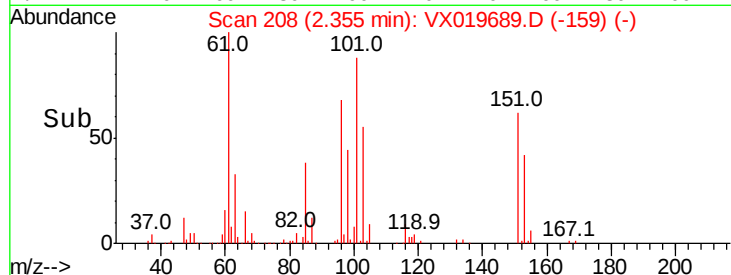
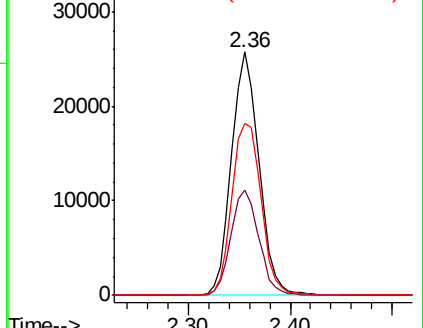
151 75.3 60.9 91.3



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: 17.860 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

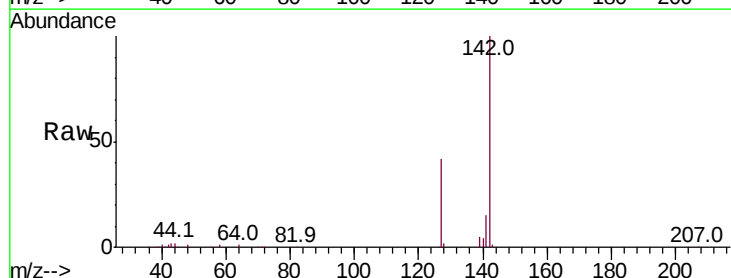
Tgt Ion:142 Resp: 61342

Ion Ratio Lower Upper

142 100

127 41.9 33.8 50.6

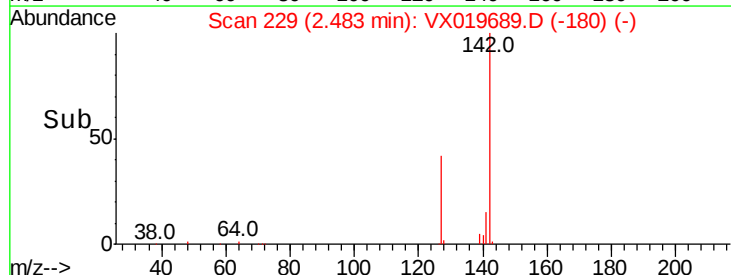
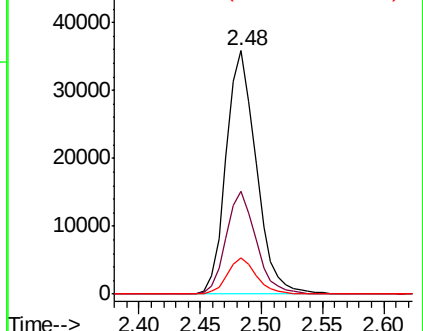
141 14.1 11.0 16.6

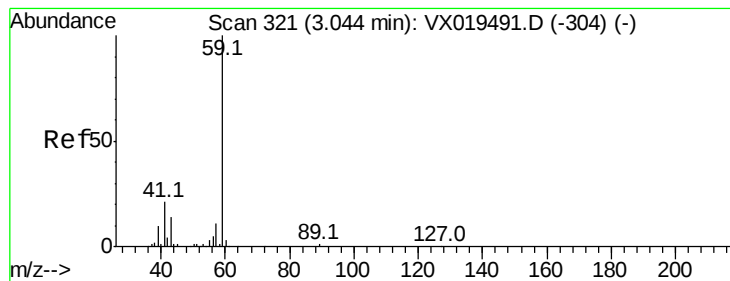


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 119.238 ug/l

RT: 3.04 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

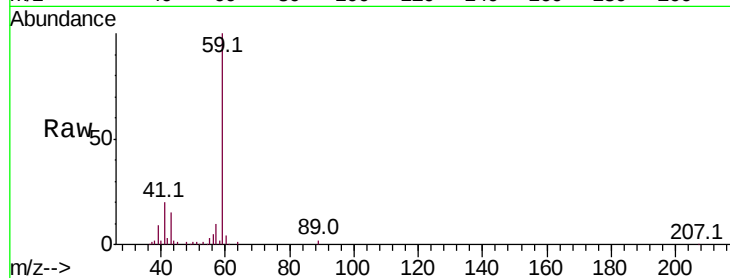
VX1201WBSD01

Tot Ion: 59 Resp: 79084

Ion Ratio Lower Upper

59 100

57 9.1 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

Time-->

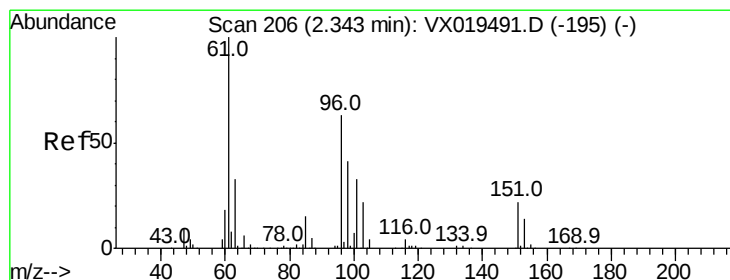
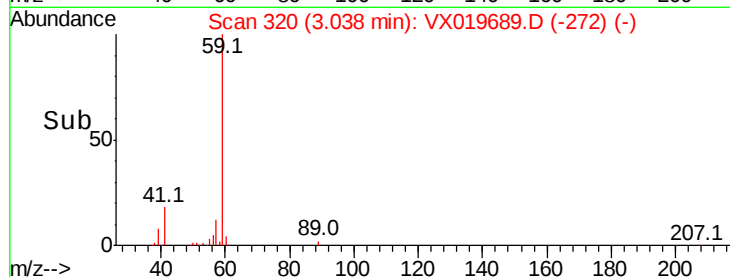
2.90 3.00 3.10

30000

20000

10000

0



#12

1,1-Dichloroethene

Concen: 17.481 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

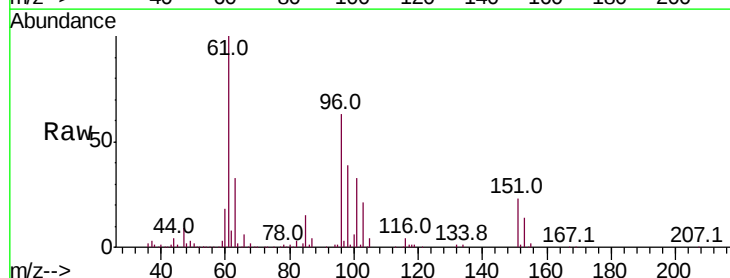
Tgt Ion: 96 Resp: 46908

Ion Ratio Lower Upper

96 100

61 158.9 126.0 189.0

98 62.7 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.34

Time-->

2.30 2.40

60000

50000

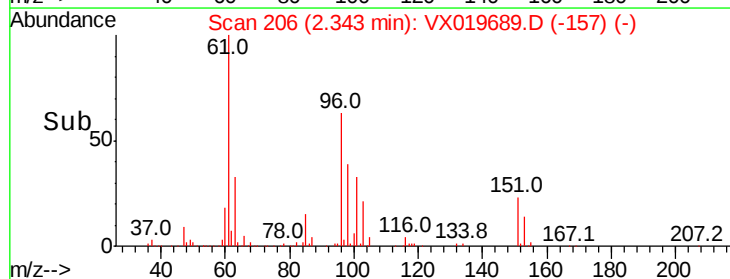
40000

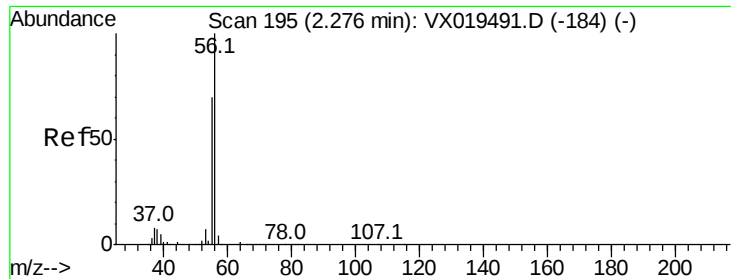
30000

20000

10000

0





#13

Acrolein

Concen: 66.178 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

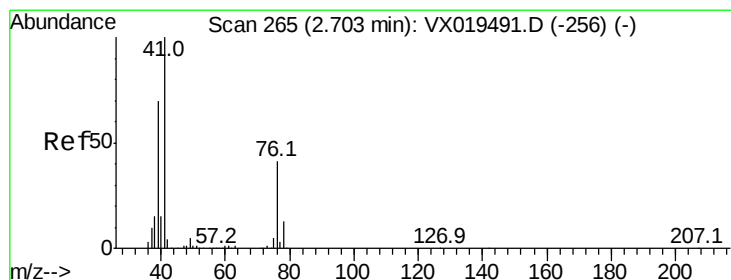
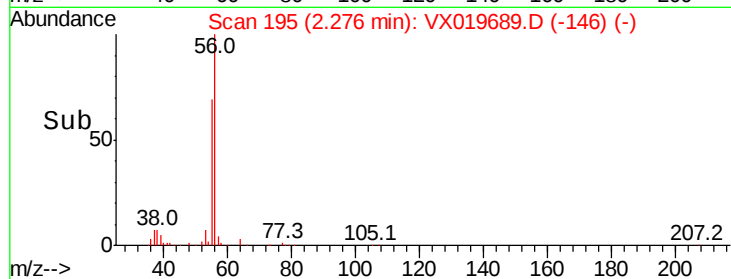
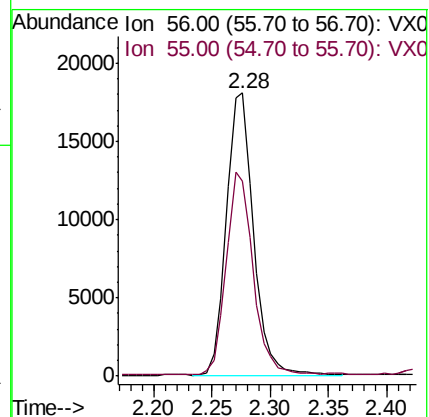
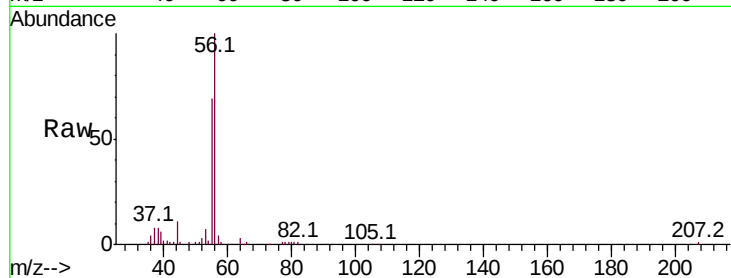
VX1201WBSD01

Tot Ion: 56 Resp: 29504

Ion Ratio Lower Upper

56 100

55 69.8 55.5 83.3



#14

Allyl chloride

Concen: 18.643 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

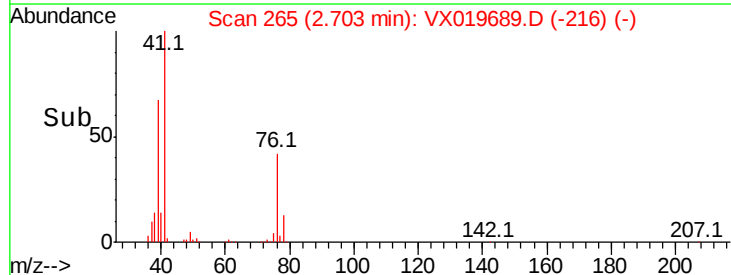
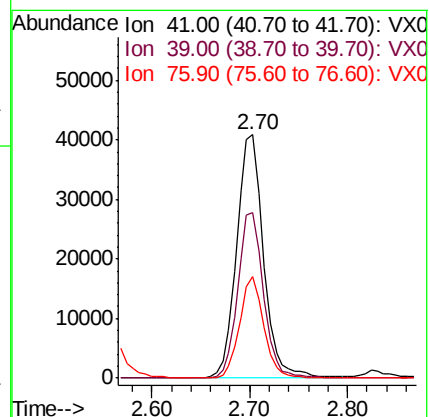
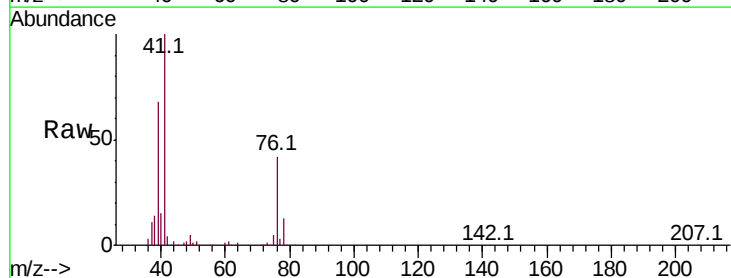
Tgt Ion: 41 Resp: 78370

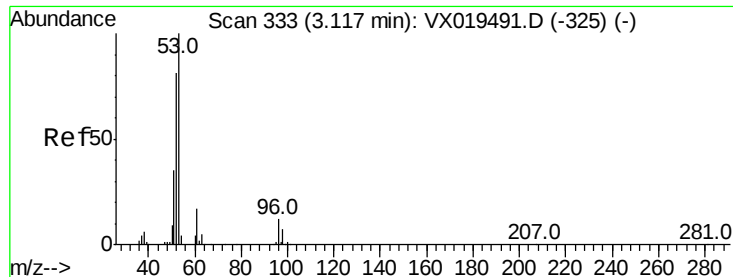
Ion Ratio Lower Upper

41 100

39 64.5 53.0 79.4

76 37.3 31.0 46.6





#15

Acrylonitrile

Concen: 104.289 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

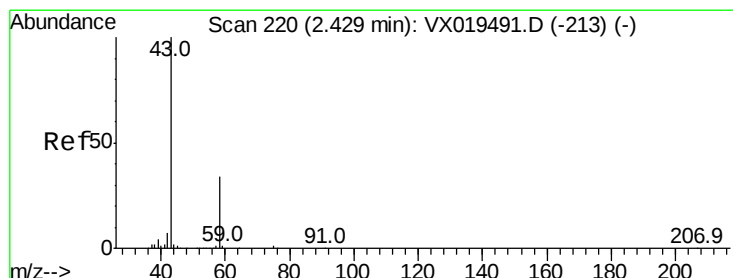
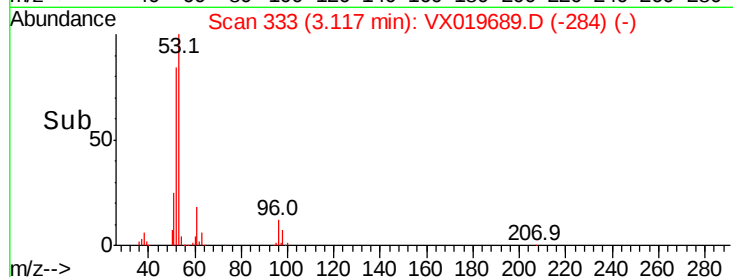
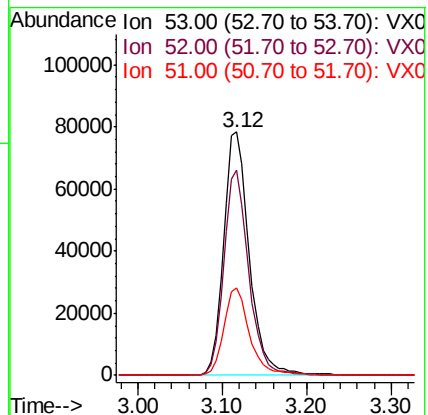
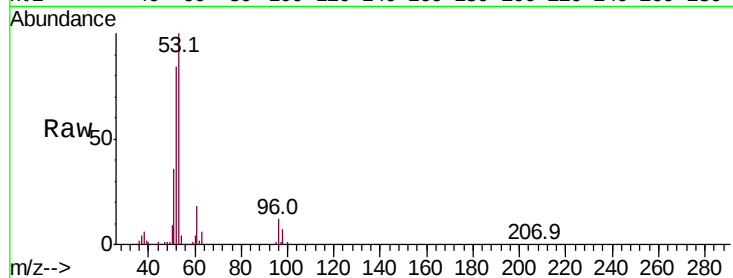
Tot Ion: 53 Resp: 163125

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 36.5 28.5 42.7



#16

Acetone

Concen: 101.017 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019689.D

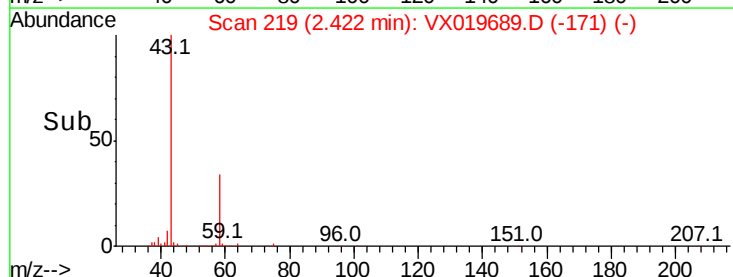
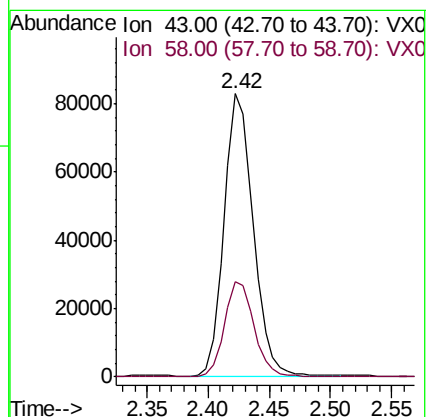
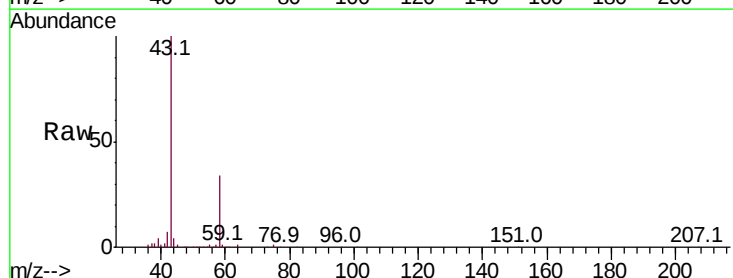
Acq: 01 Dec 2020 12:50

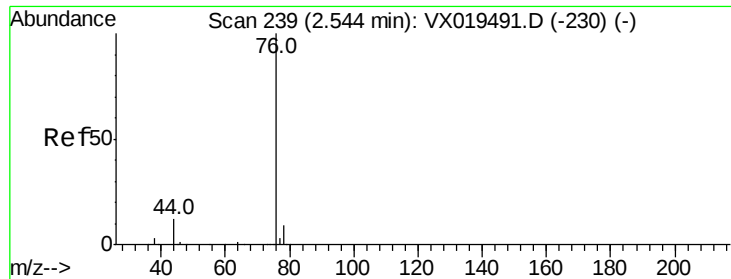
Tgt Ion: 43 Resp: 136906

Ion Ratio Lower Upper

43 100

58 33.8 27.4 41.2

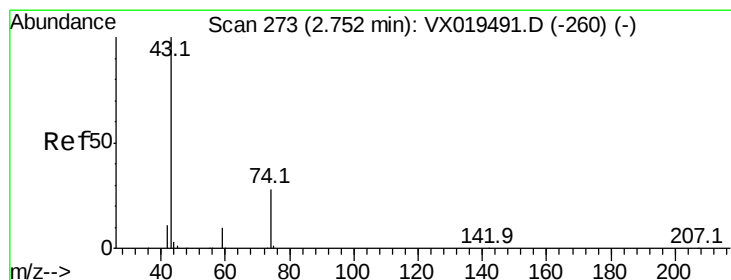
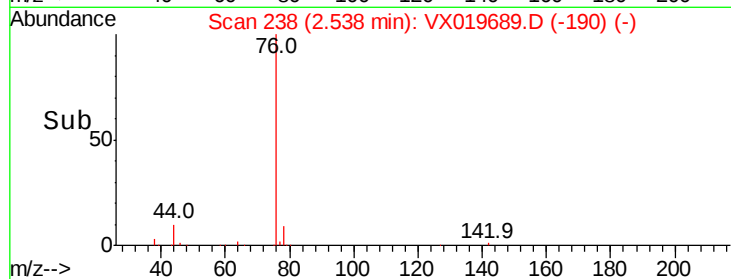
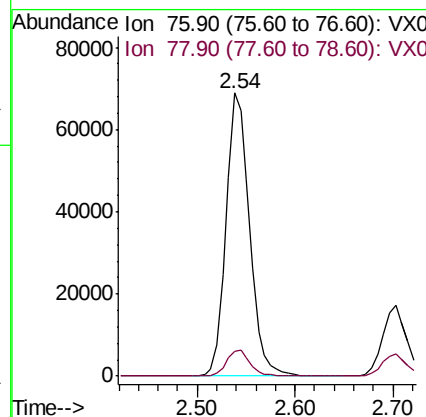
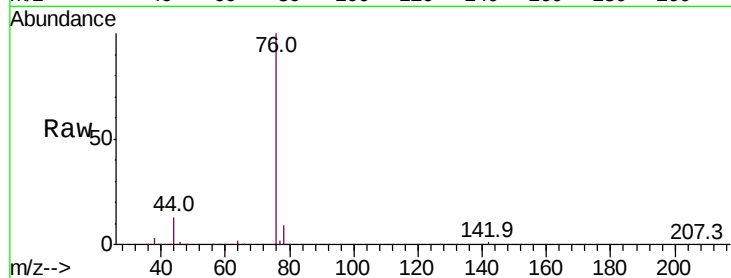




#17
Carbon Disulfide
Concen: 15.903 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

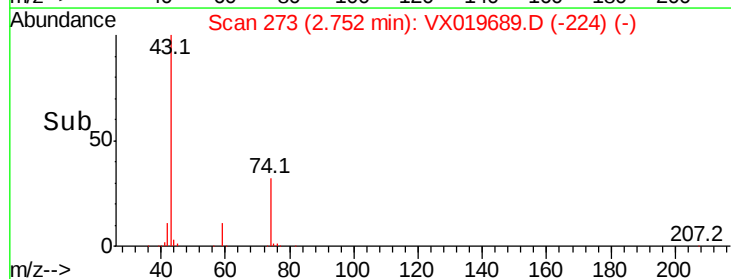
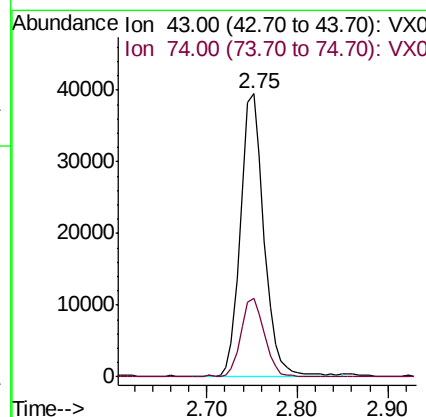
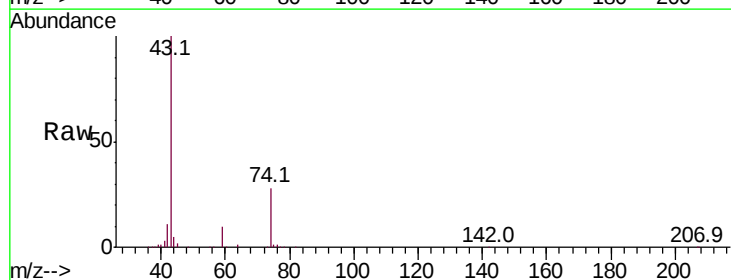
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

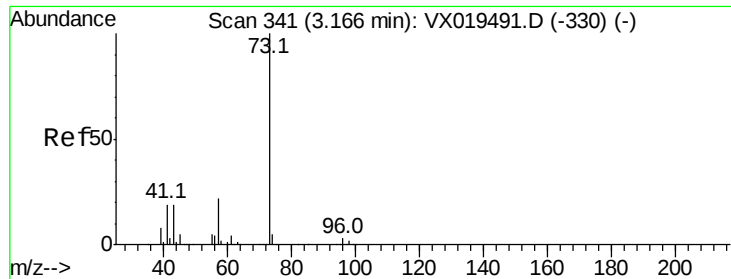
Tot Ion: 76 Resp: 114645
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 21.747 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 43 Resp: 71059
Ion Ratio Lower Upper
43 100
74 27.9 22.2 33.4

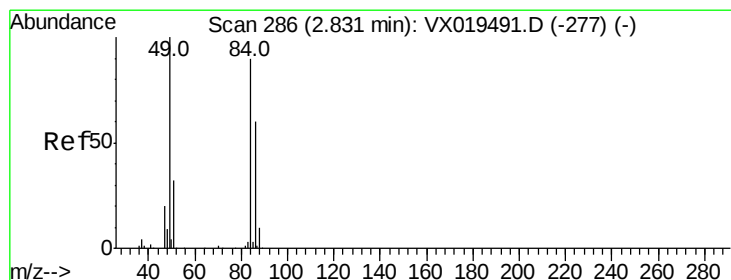
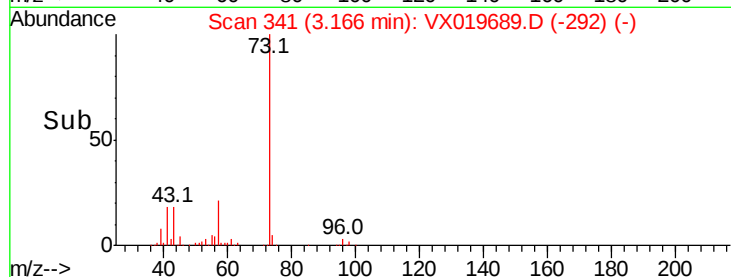
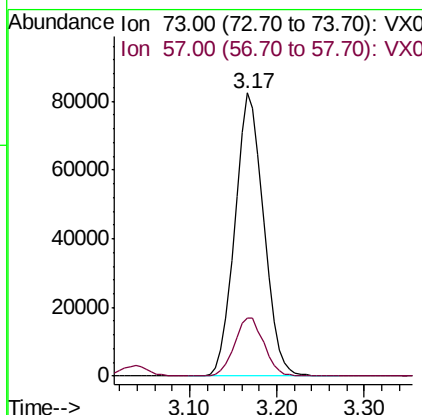
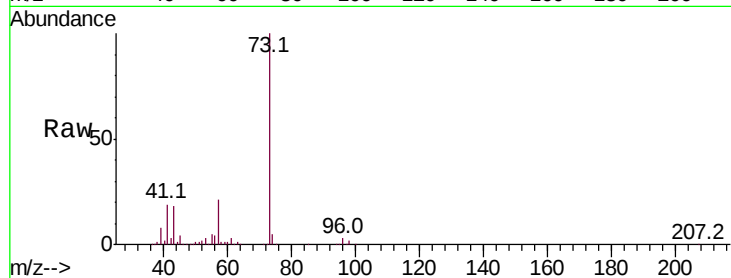




#19
Methvl tert-butvl Ether
Concen: 20.374 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

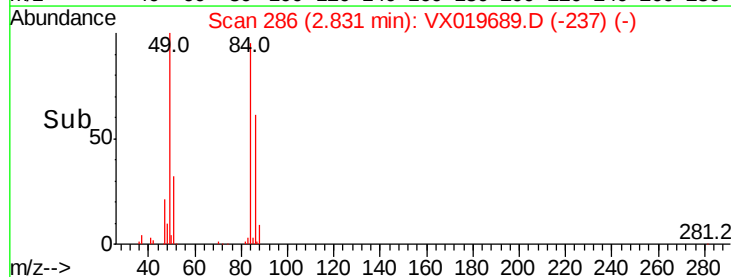
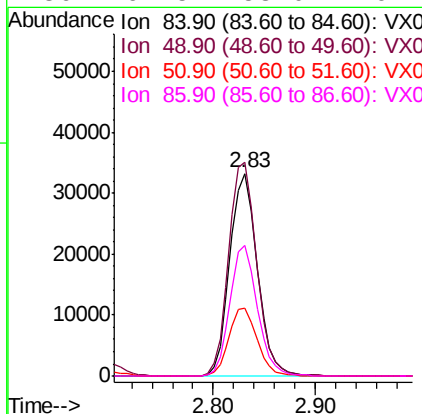
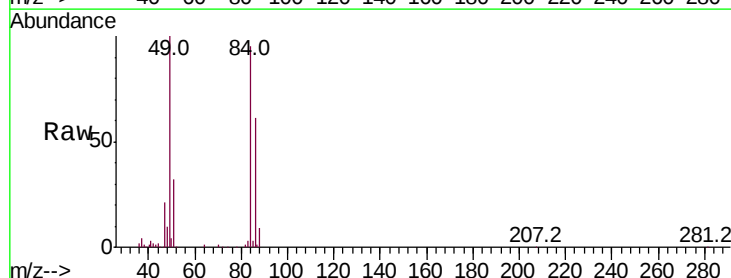
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

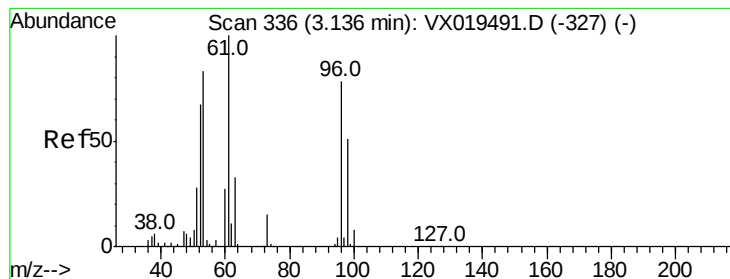
Tot Ion: 73 Resp: 188721
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 18.385 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 84 Resp: 62278
Ion Ratio Lower Upper
84 100
49 105.6 88.5 132.7
51 33.7 28.0 42.0
86 64.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.256 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

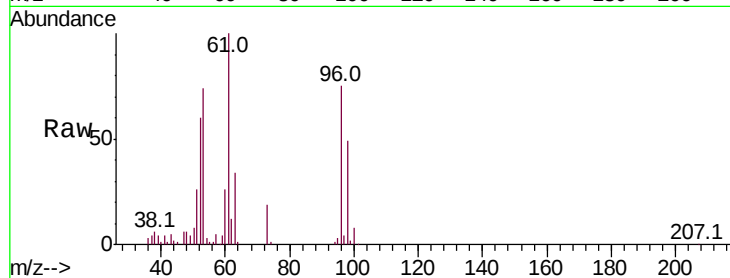
Tot Ion: 96 Resp: 55504

Ion Ratio Lower Upper

96 100

61 134.0 102.9 154.3

98 65.5 52.1 78.1

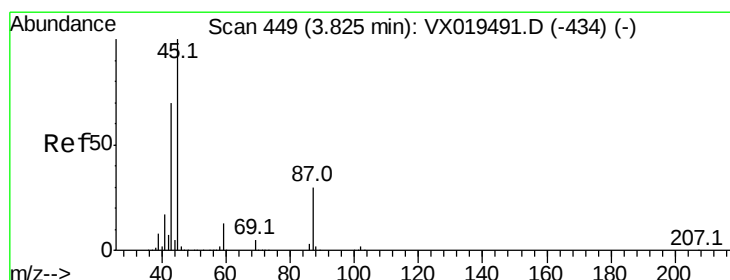
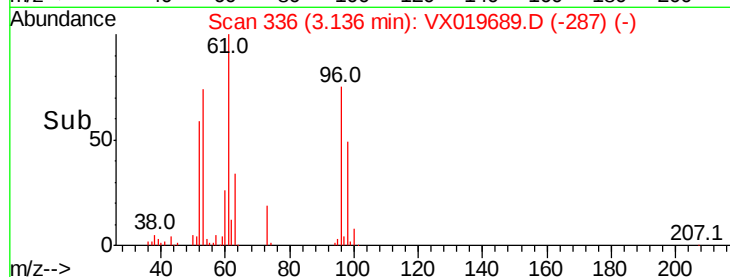
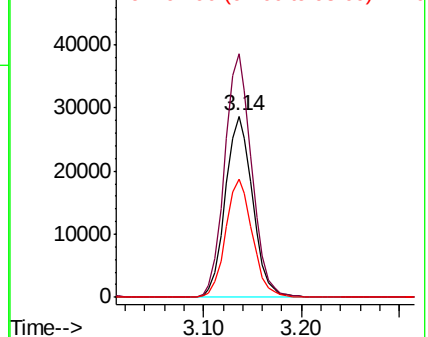


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.927 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion: 45 Resp: 173295

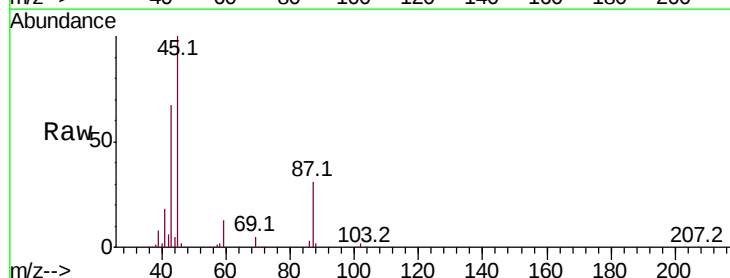
Ion Ratio Lower Upper

45 100

43 66.7 56.1 84.1

87 31.4 24.2 36.2

59 12.9 10.2 15.2



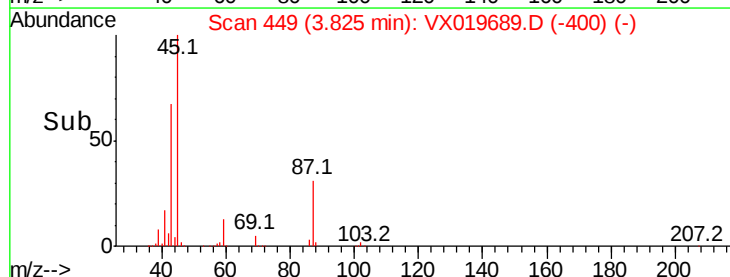
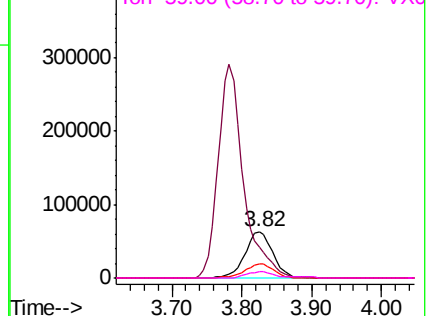
Abundance

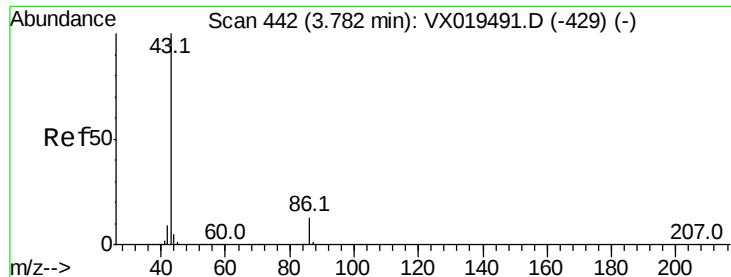
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.943 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

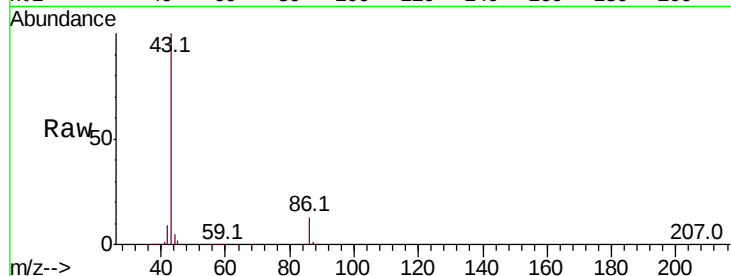
VX1201WBSD01

Tot Ion: 43 Resp: 736327

Ion Ratio Lower Upper

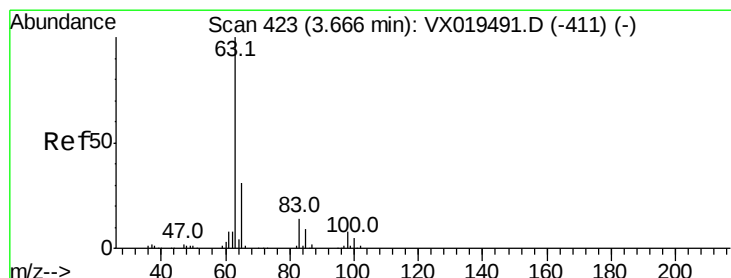
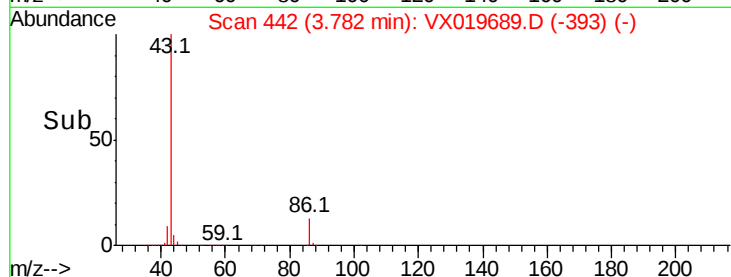
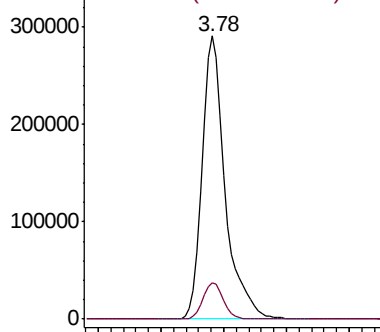
43 100

86 13.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.956 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

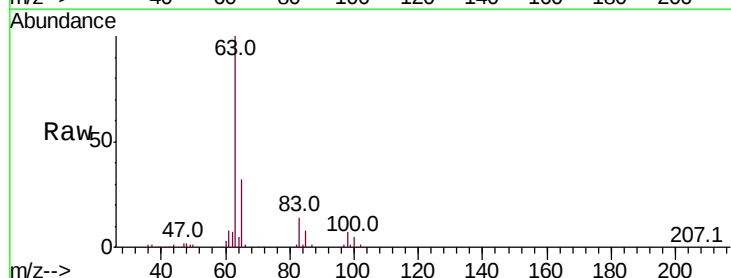
Tgt Ion: 63 Resp: 100831

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

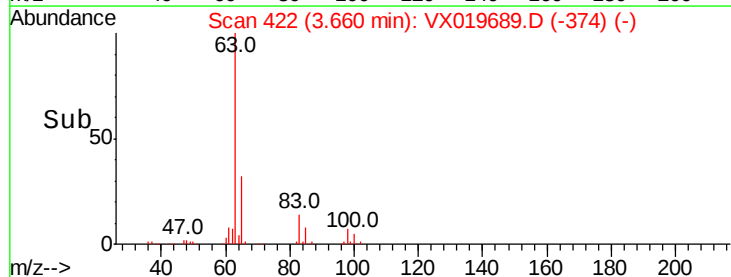
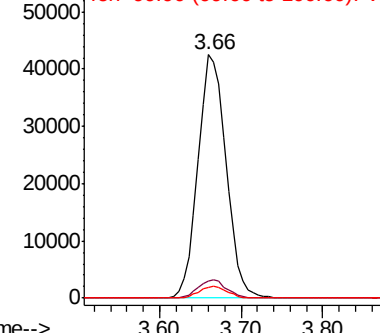
100 4.5 2.4 7.1

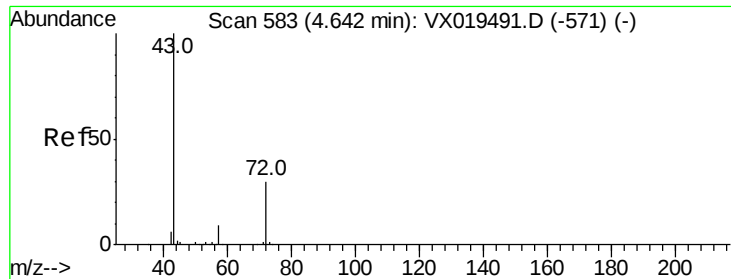


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.412 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

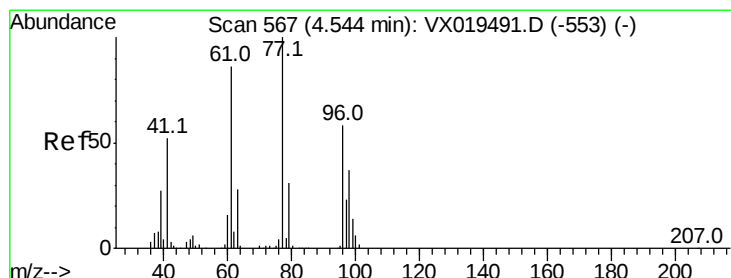
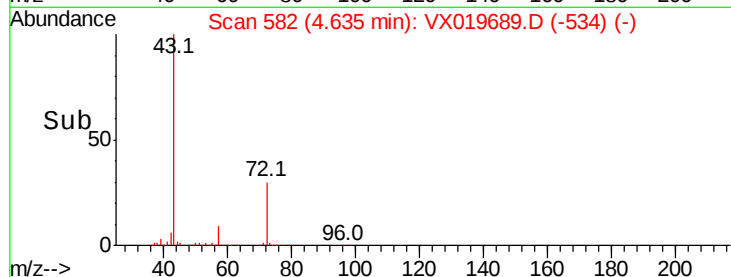
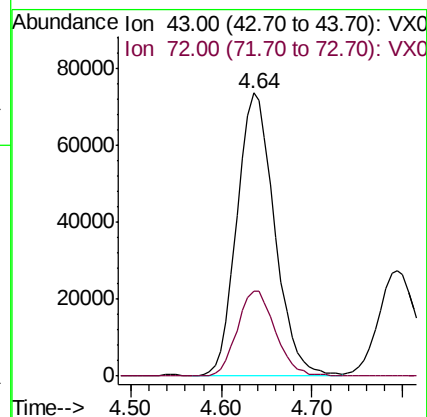
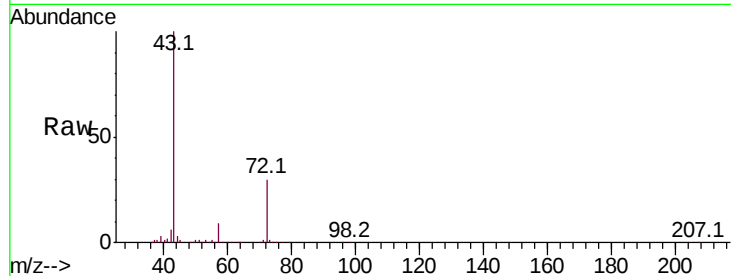
VX1201WBSD01

Tot Ion: 43 Resp: 210536

Ion Ratio Lower Upper

43 100

72 30.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 18.111 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019689.D

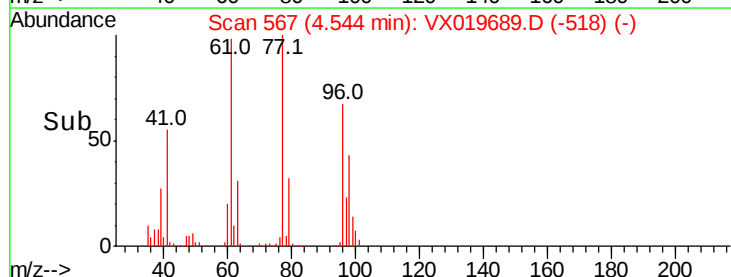
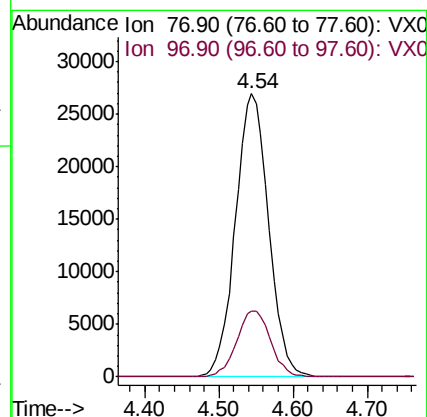
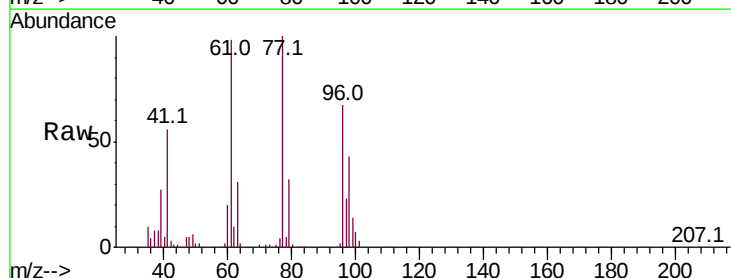
Acq: 01 Dec 2020 12:50

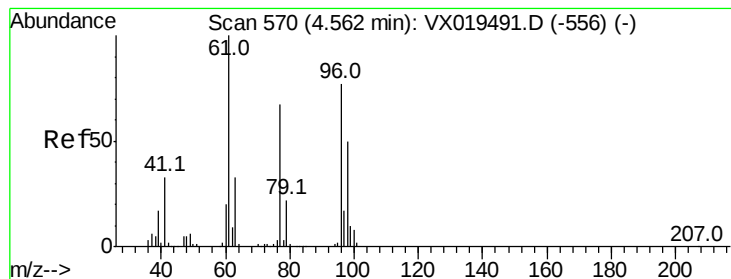
Tgt Ion: 77 Resp: 84087

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8



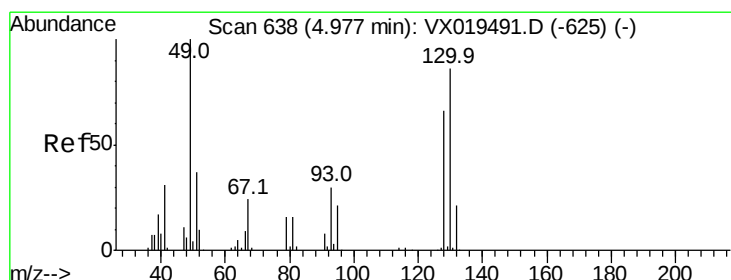
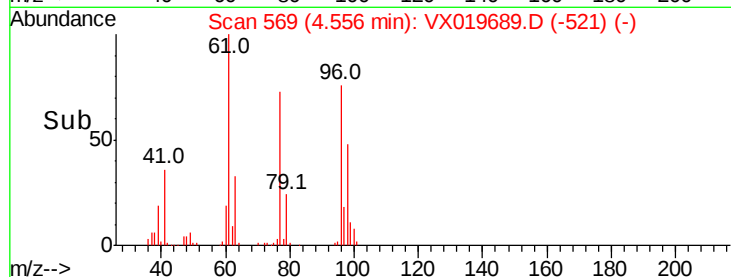
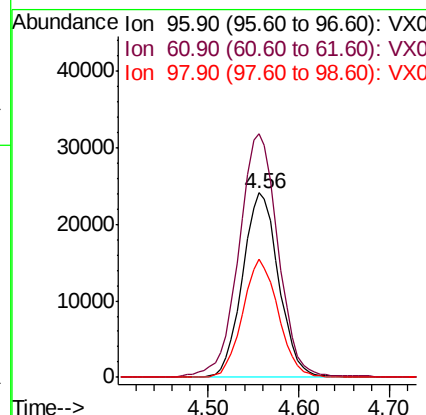
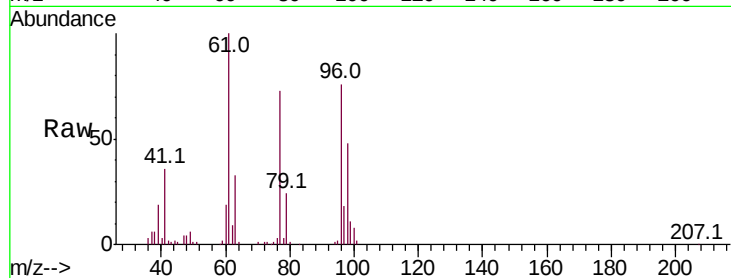


#27

cis-1,2-Dichloroethene
Concen: 19.090 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

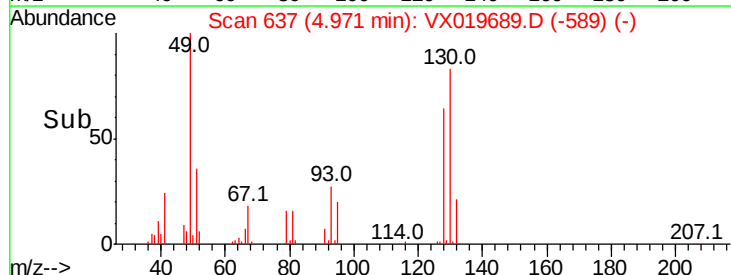
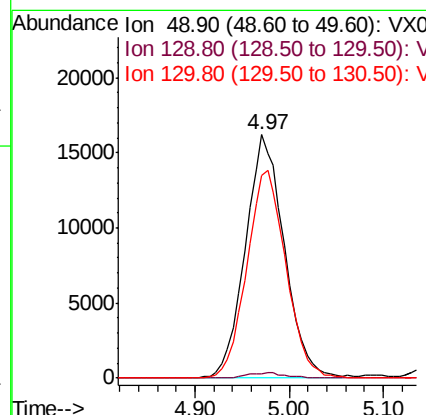
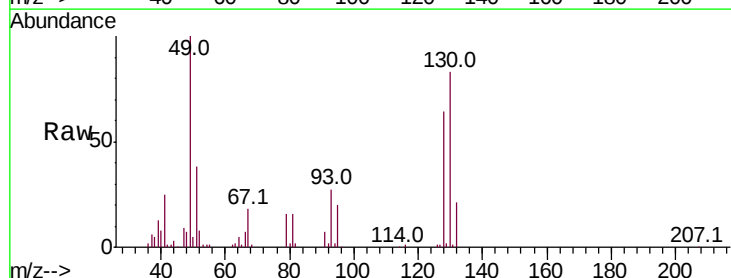
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	279.2
98	63.1	0.0	129.8

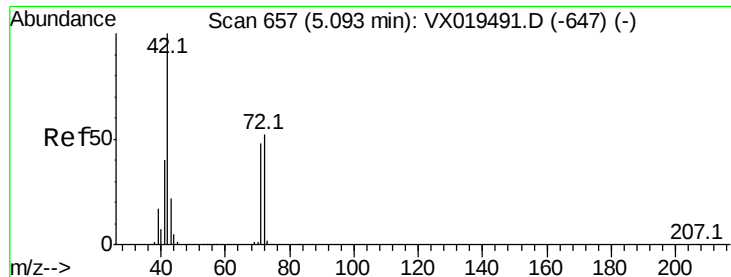


#28

Bromochloromethane
Concen: 18.436 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	85.8	69.0	103.6

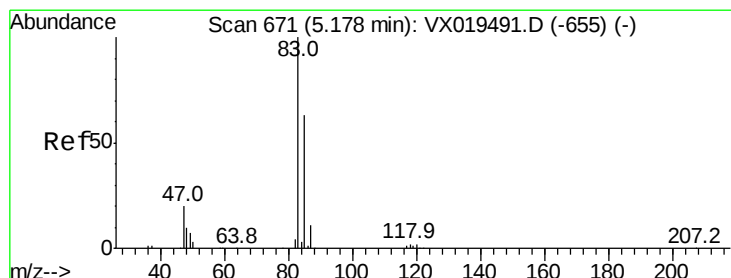
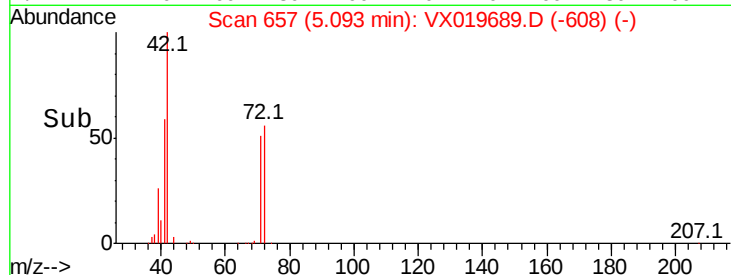
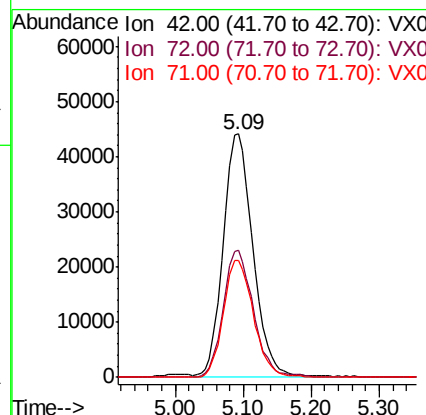
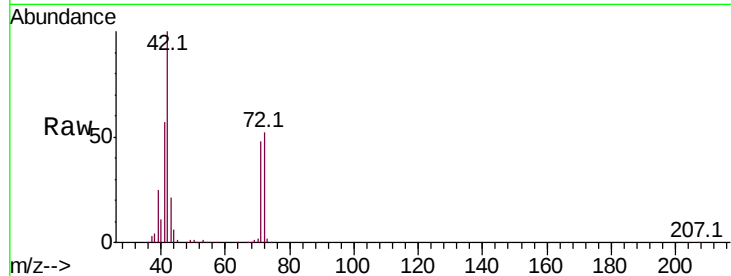




#29
Tetrahydrofuran
Concen: 102.969 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

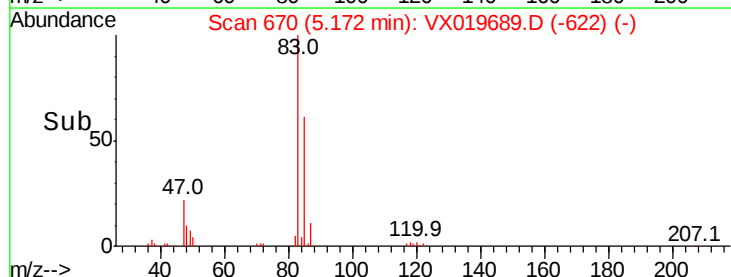
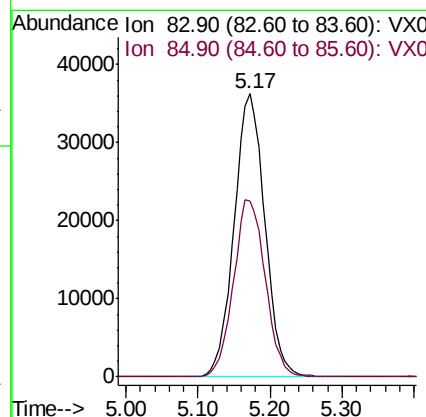
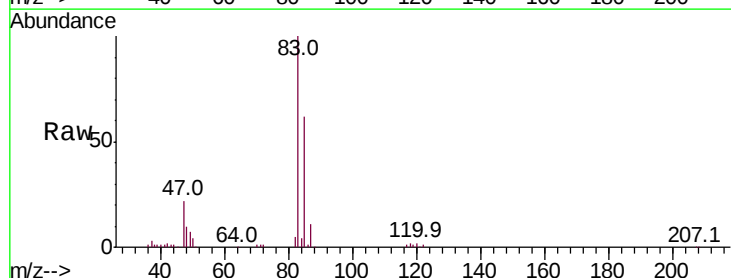
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

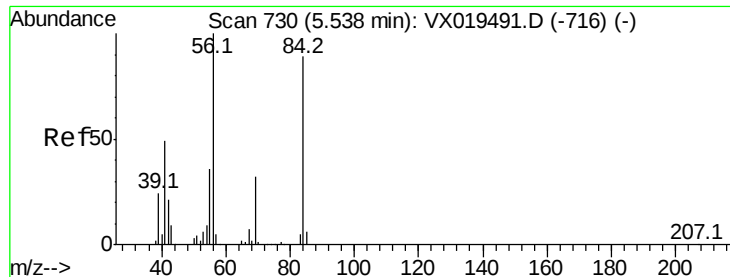
Tot Ion: 42 Resp: 133757
Ion Ratio Lower Upper
42 100
72 53.1 42.6 63.8
71 48.8 39.0 58.6



#30
Chloroform
Concen: 19.333 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 83 Resp: 107533
Ion Ratio Lower Upper
83 100
85 62.3 50.5 75.7

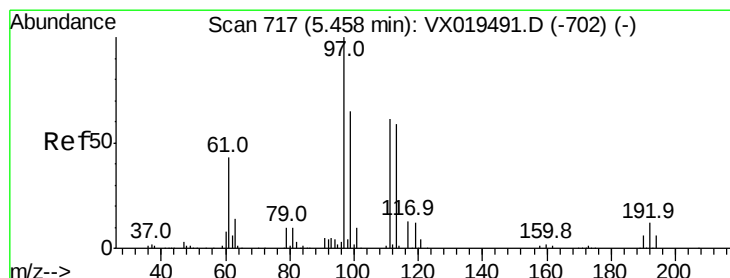
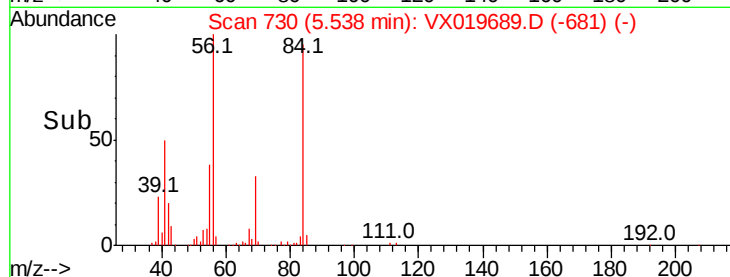
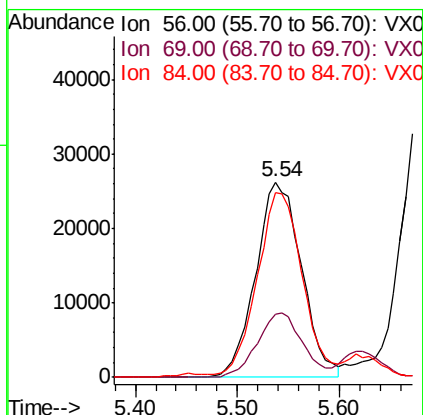
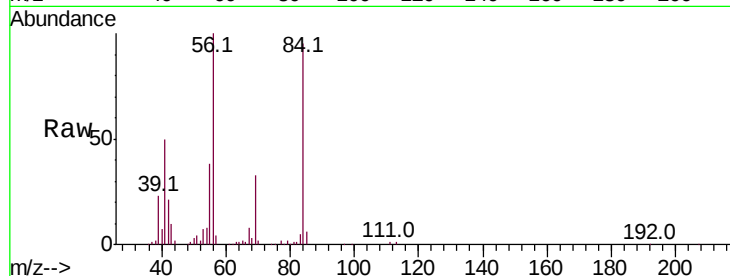




#31
Cvclohexane
Concen: 17.933 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

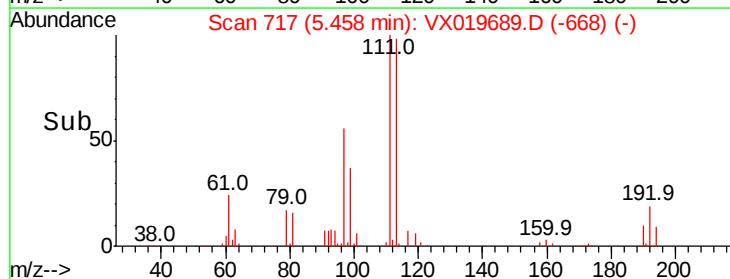
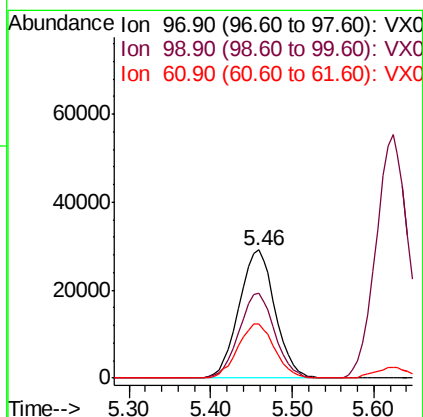
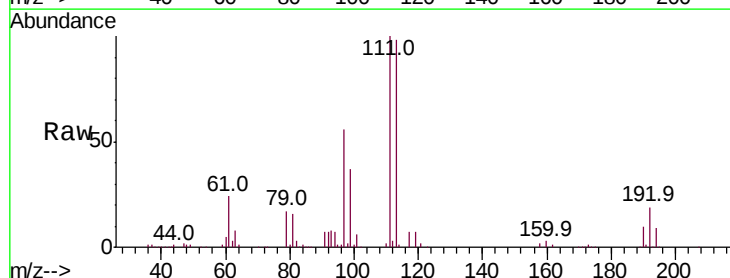
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

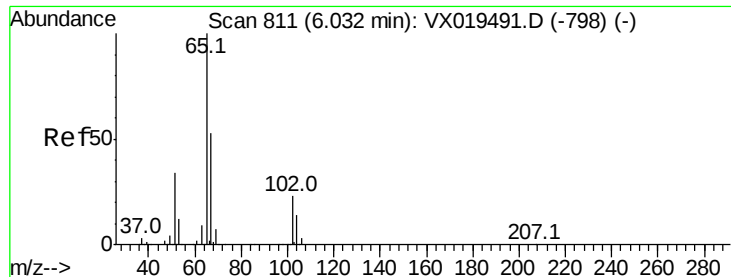
Tot Ion: 56 Resp: 81742
Ion Ratio Lower Upper
56 100
69 32.6 25.5 38.3
84 92.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 18.711 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 97 Resp: 89398
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 43.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.889 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

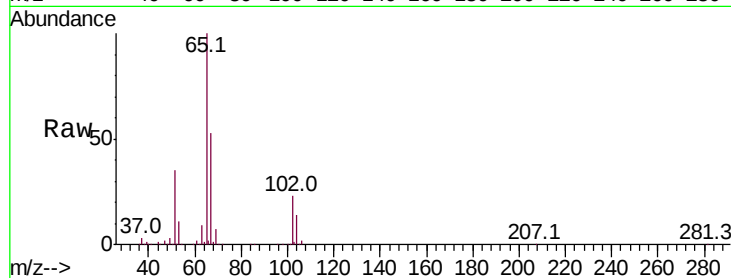
VX1201WBSD01

Tot Ion: 65 Resp: 178344

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

40000

20000

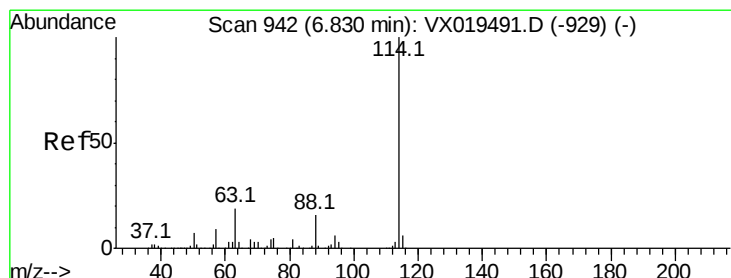
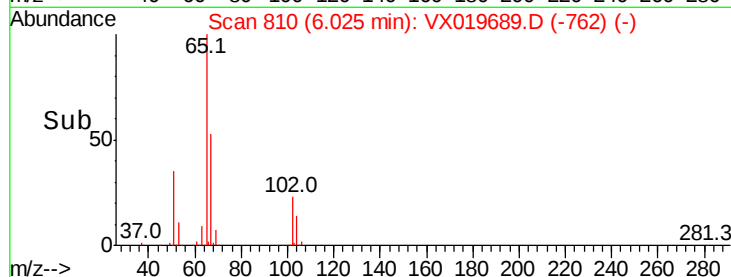
0

5.90

6.00

6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

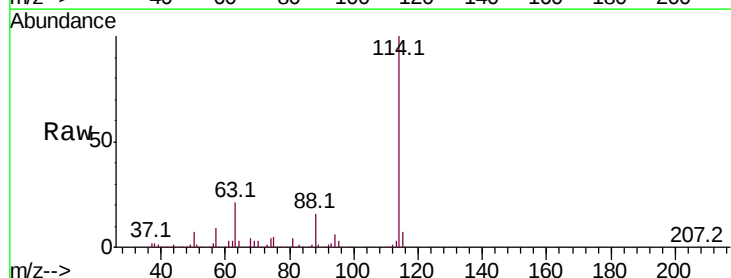
Tgt Ion: 114 Resp: 444075

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.8

88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

100000

50000

0

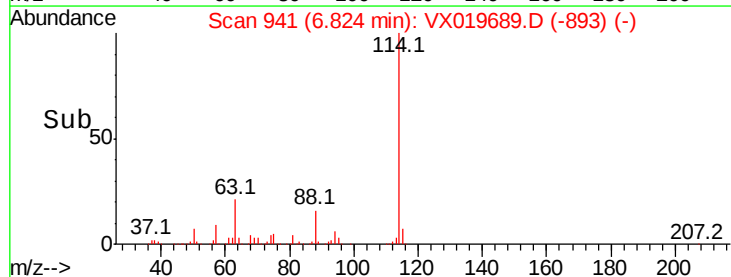
6.70

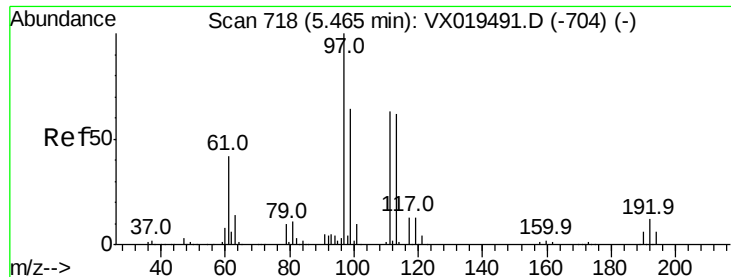
6.80

6.90

7.00

Time-->

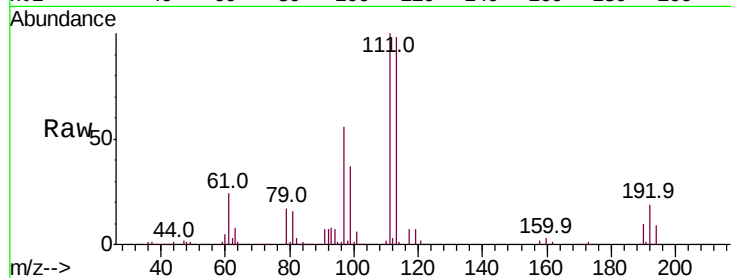




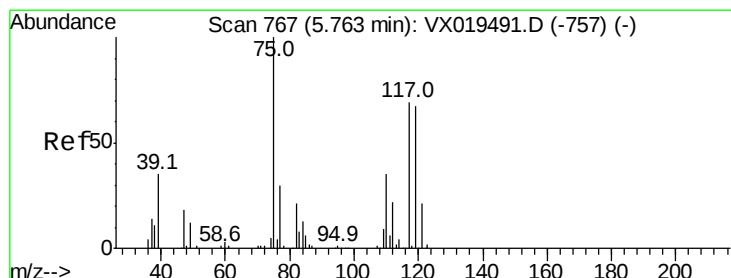
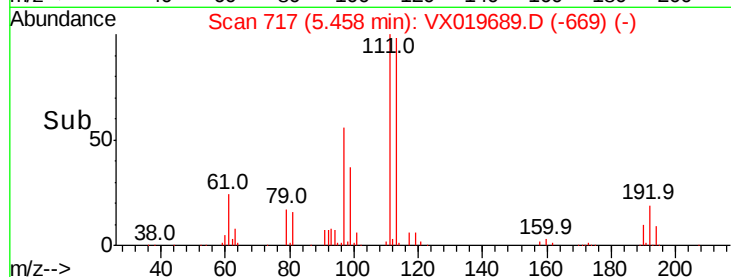
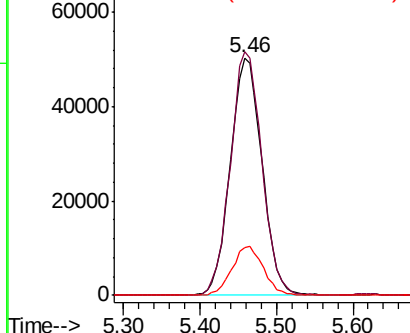
#35
 Dibromofluoromethane
 Concen: 51.835 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	20.4	16.2	24.2

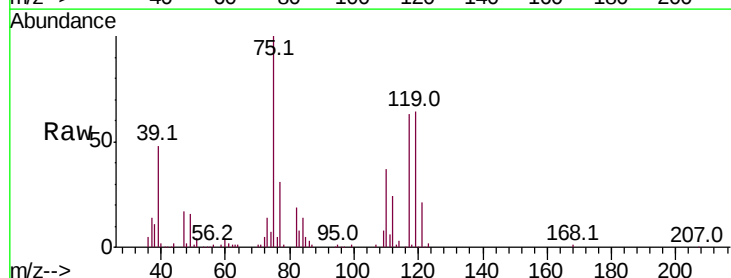


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

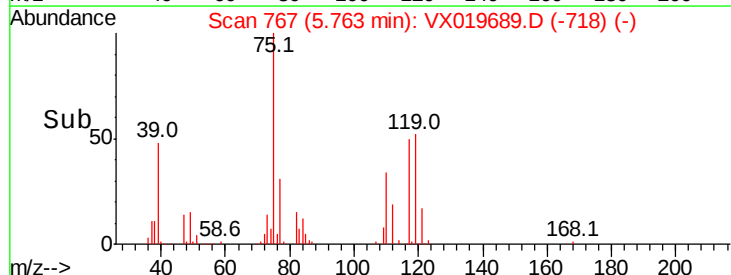
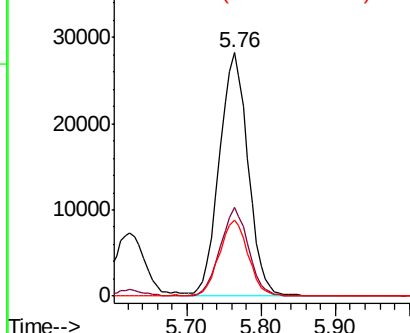


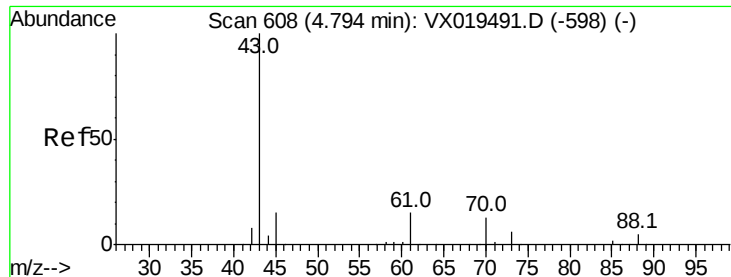
#36
 1,1-Dichloropropene
 Concen: 18.231 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	31.2	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.085 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

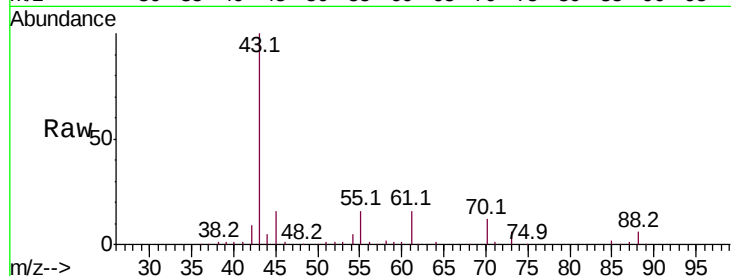
Tot Ion: 43 Resp: 82408

Ion Ratio Lower Upper

43 100

61 15.7 12.7 19.1

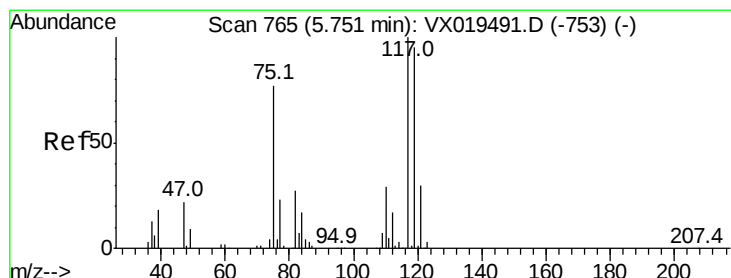
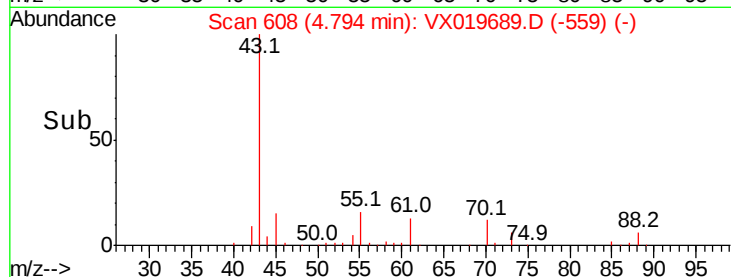
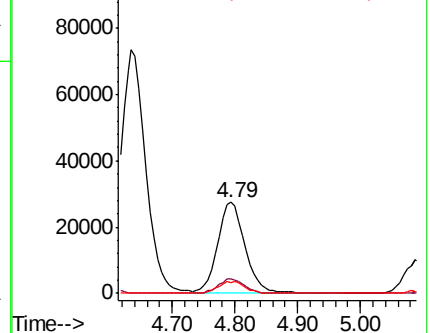
70 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.807 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

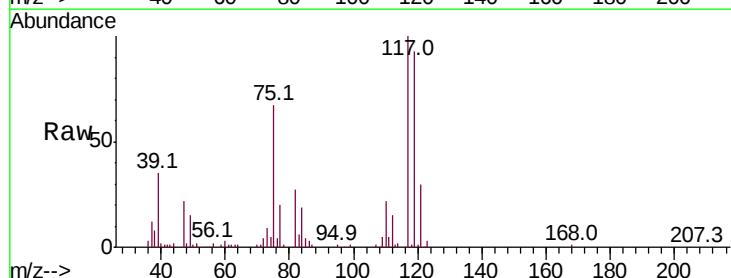
Tgt Ion: 117 Resp: 75788

Ion Ratio Lower Upper

117 100

119 93.3 75.9 113.9

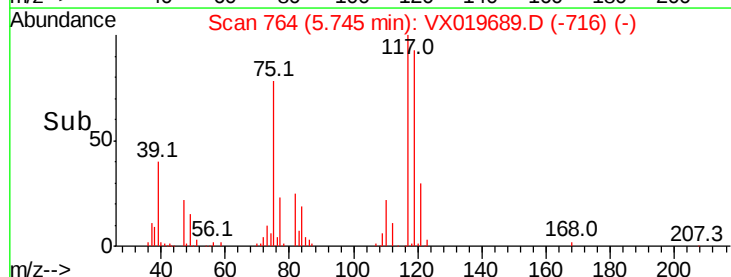
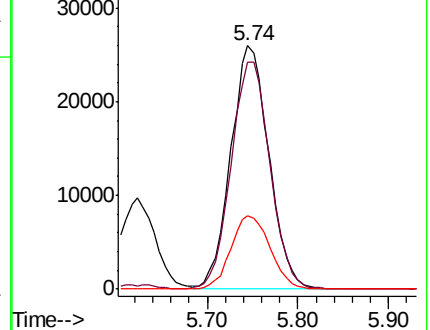
121 30.0 24.0 36.0

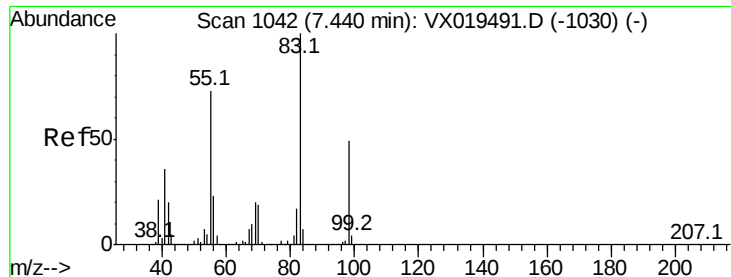


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

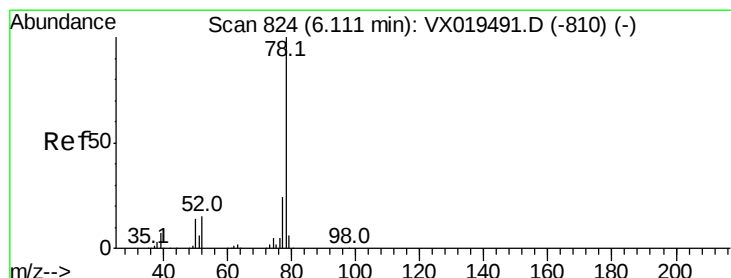
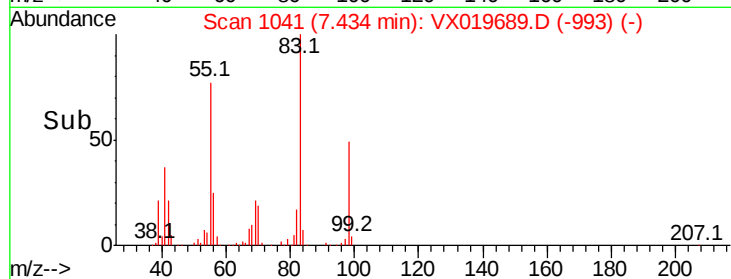
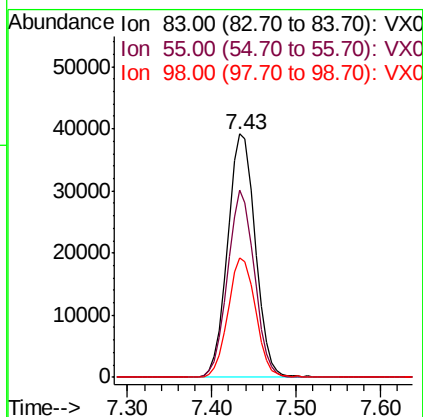
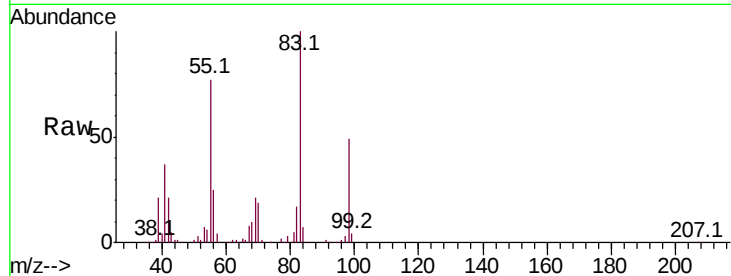




#39
Methvlcvclohexane
Concen: 17.946 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

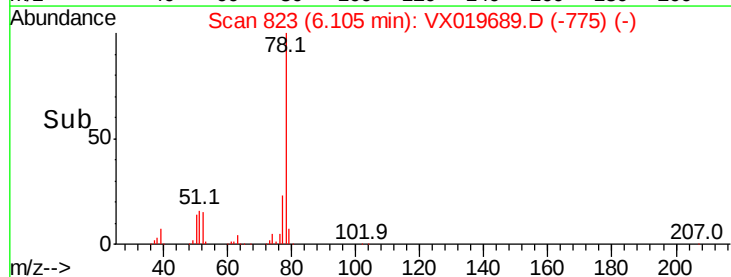
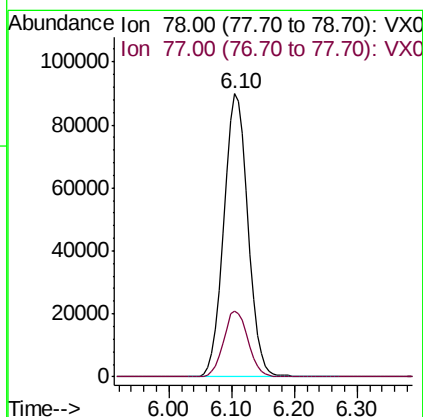
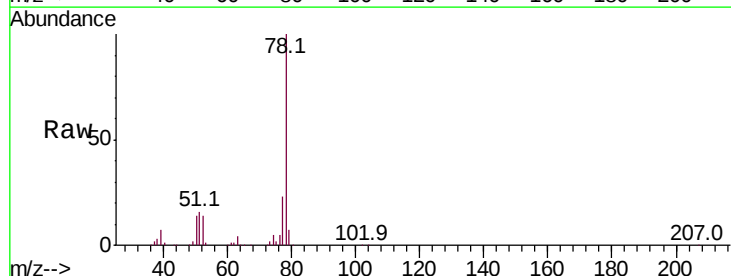
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

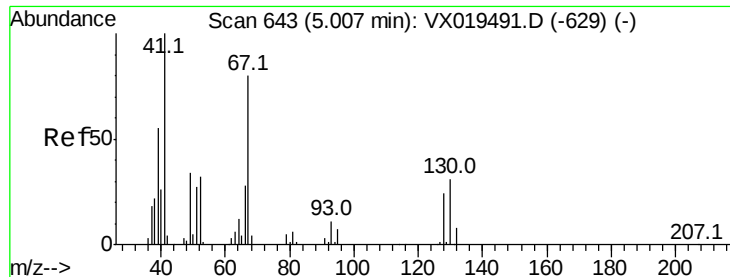
Tot Ion: 83 Resp: 86994
Ion Ratio Lower Upper
83 100
55 76.7 58.3 87.5
98 48.8 38.9 58.3



#40
Benzene
Concen: 18.771 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 78 Resp: 240114
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

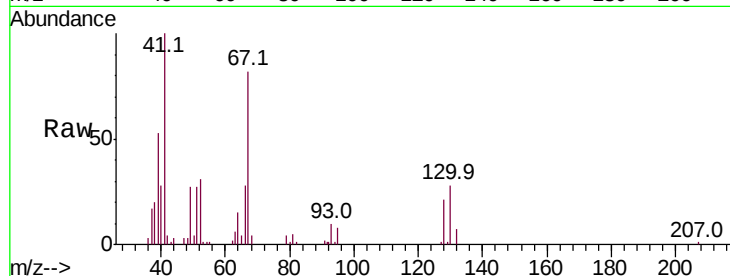




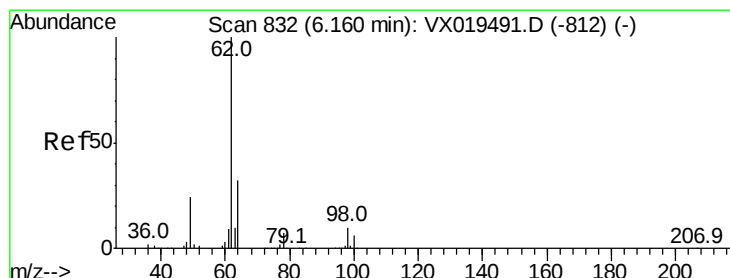
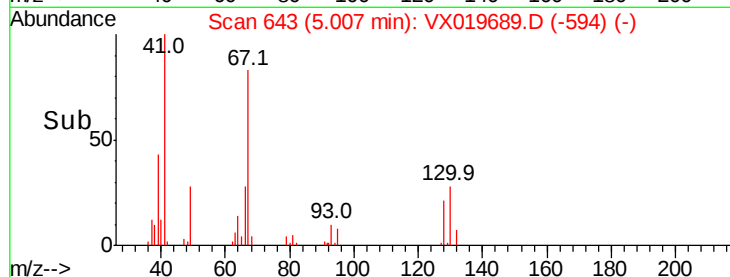
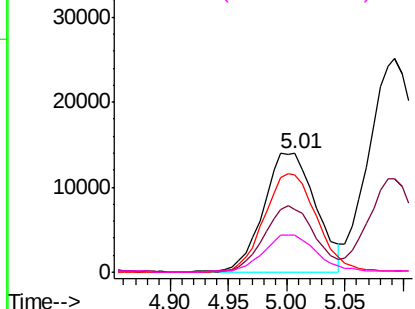
#41
Methacrylonitrile
Concen: 20.323 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion:	41	Resp:	43801
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	83.7	66.0	99.0
52	33.0	25.4	38.2

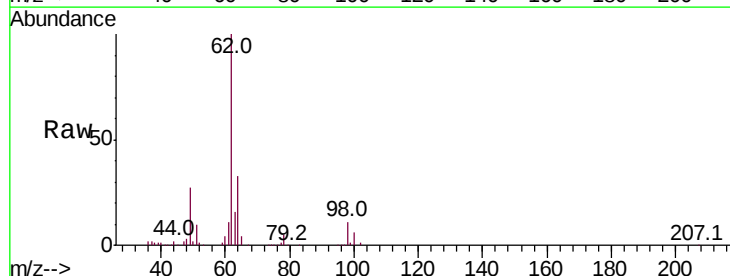


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

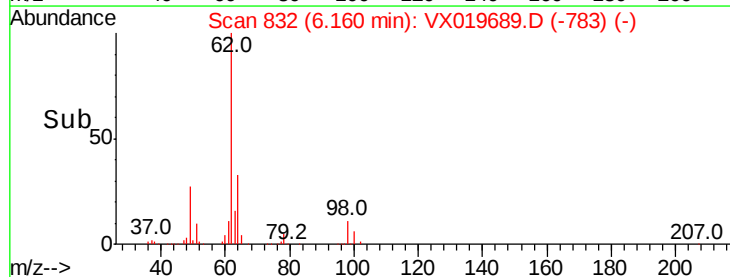
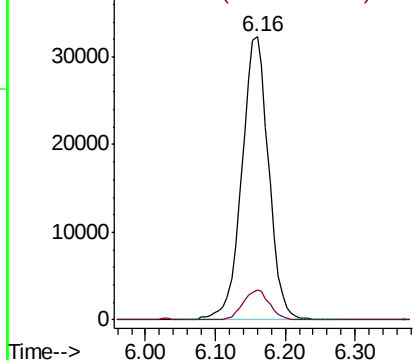


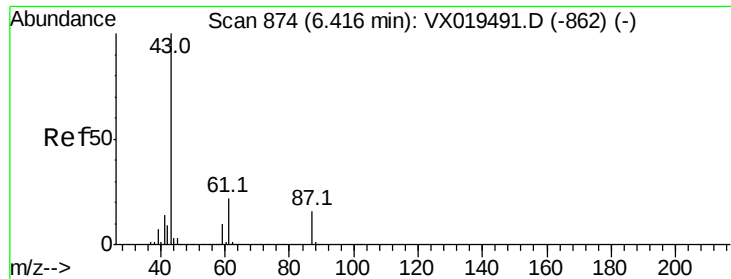
#42
1,2-Dichloroethane
Concen: 19.628 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:	62	Resp:	86057
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



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



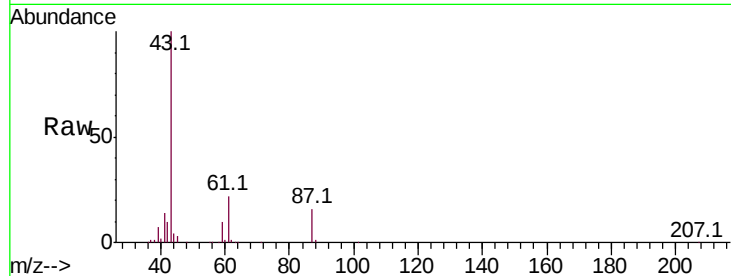


#43

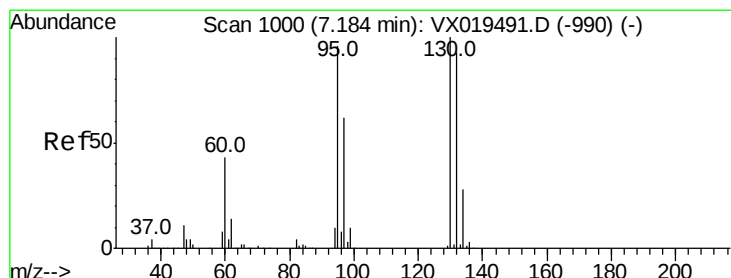
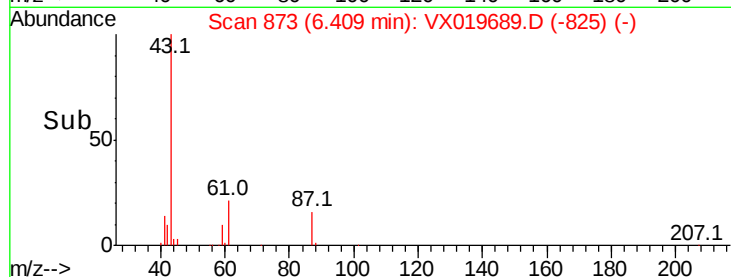
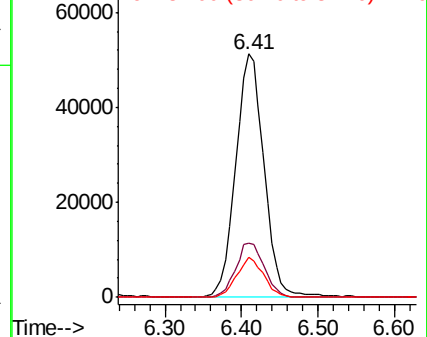
Isopropyl Acetate
 Concen: 19.811 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX1201WBSD01

Tot Ion: 43 Resp: 130159
 Ion Ratio Lower Upper
 43 100
 61 22.9 18.2 27.2
 87 15.6 12.6 18.8



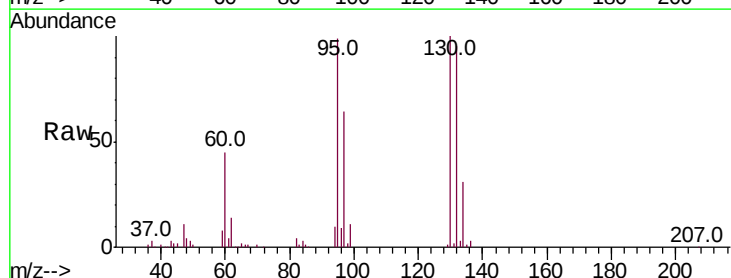
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



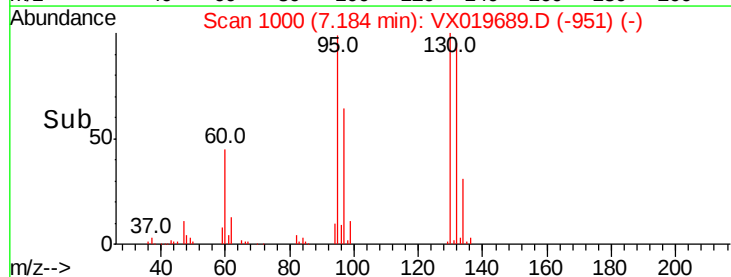
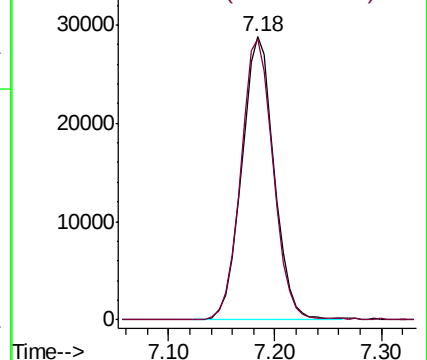
#44

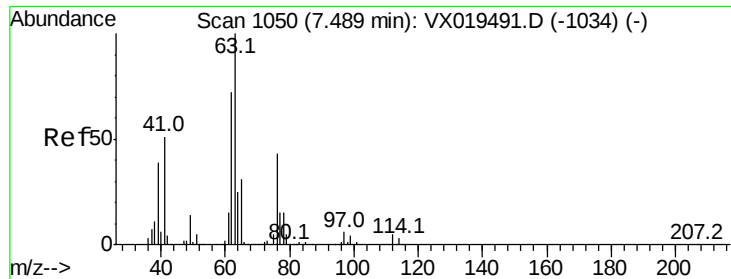
Trichloroethene
 Concen: 18.316 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion:130 Resp: 61369
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.439 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

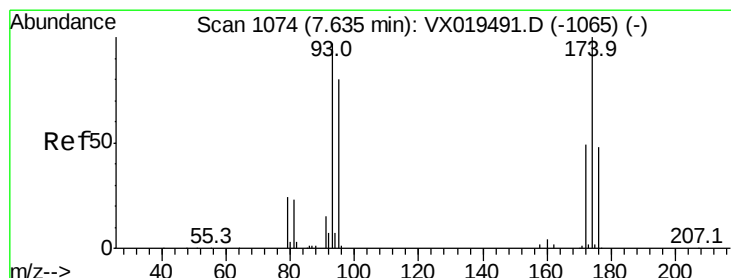
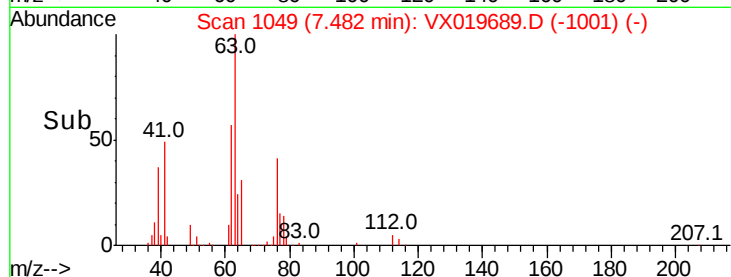
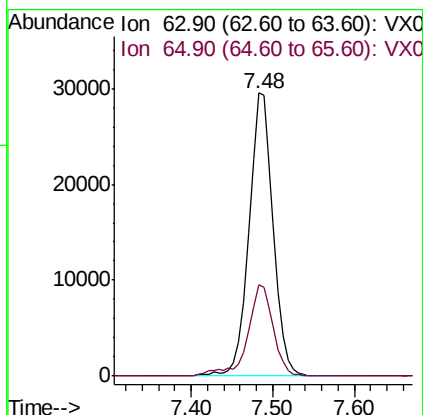
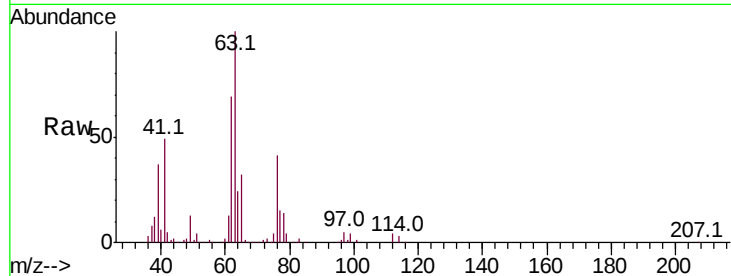
VX1201WBSD01

Tot Ion: 63 Resp: 61214

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 19.436 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

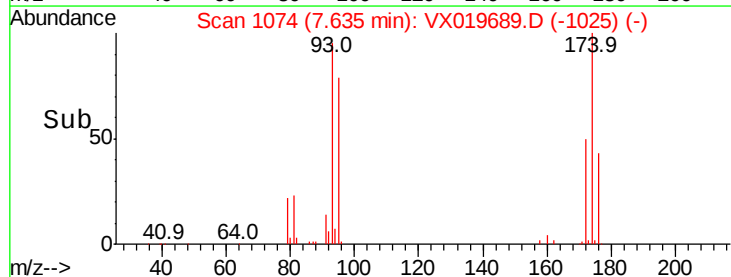
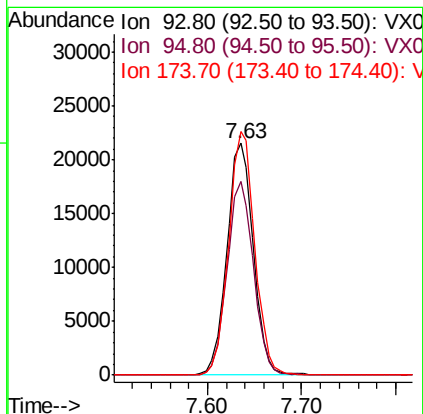
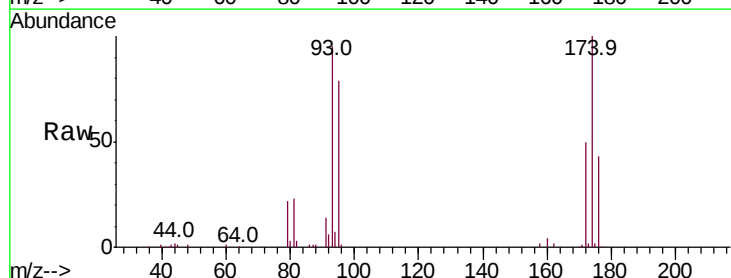
Tgt Ion: 93 Resp: 41890

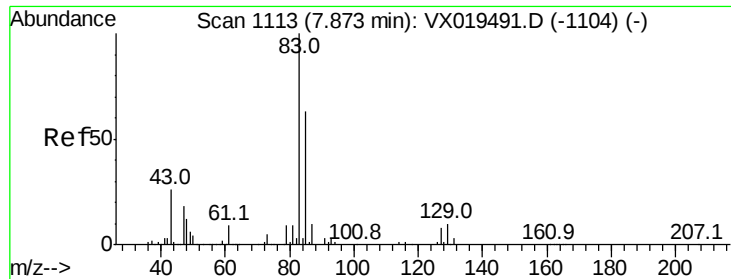
Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

174 103.7 83.0 124.4





#47

Bromodichloromethane

Concen: 19.256 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

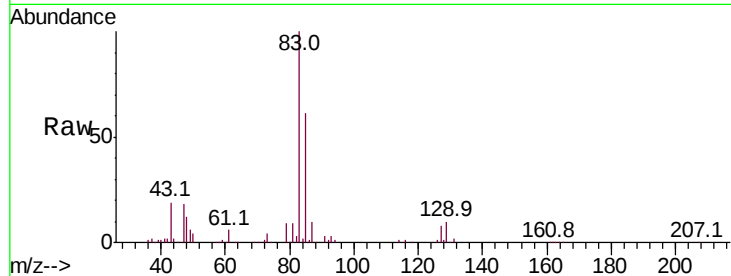
Tot Ion: 83 Resp: 80533

Ion Ratio Lower Upper

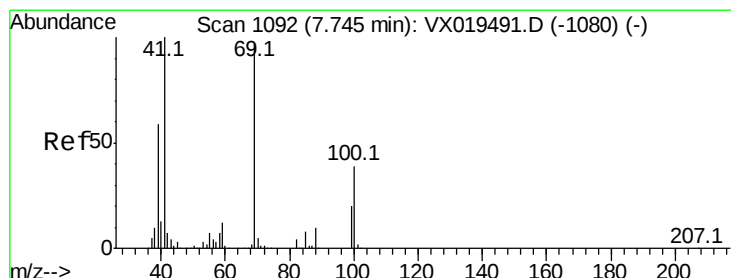
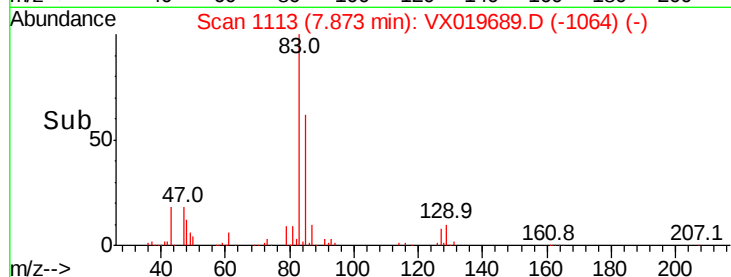
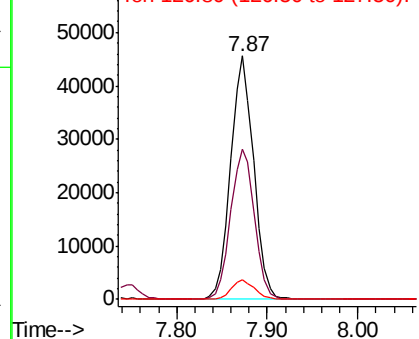
83 100

85 61.5 50.2 75.2

127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.341 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

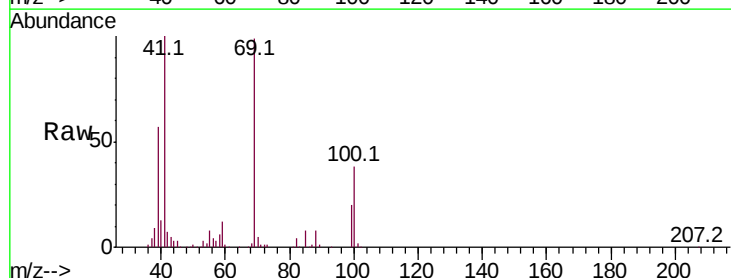
Tgt Ion: 41 Resp: 62588

Ion Ratio Lower Upper

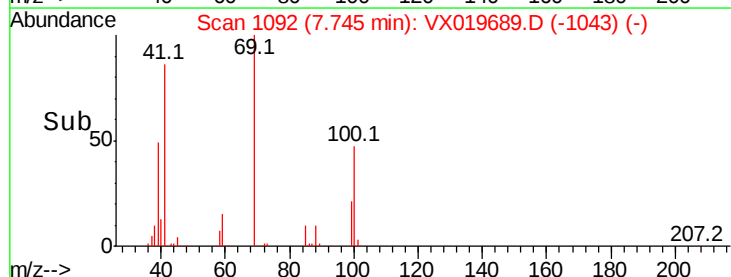
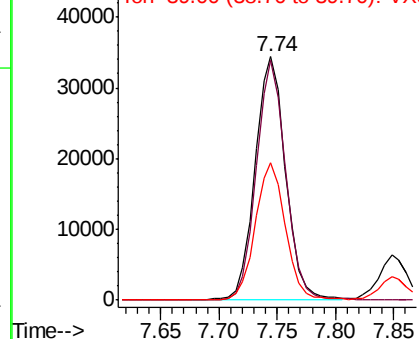
41 100

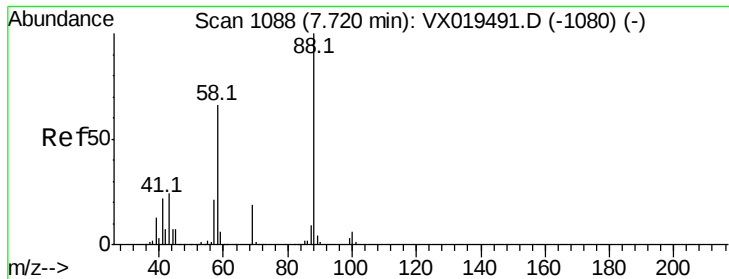
69 95.9 77.0 115.6

39 56.5 45.6 68.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

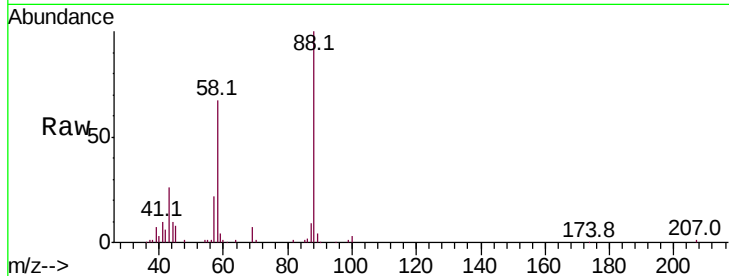




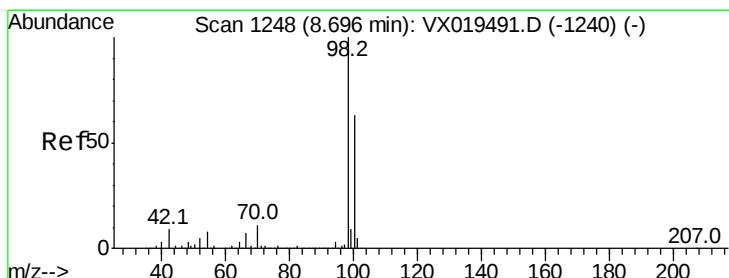
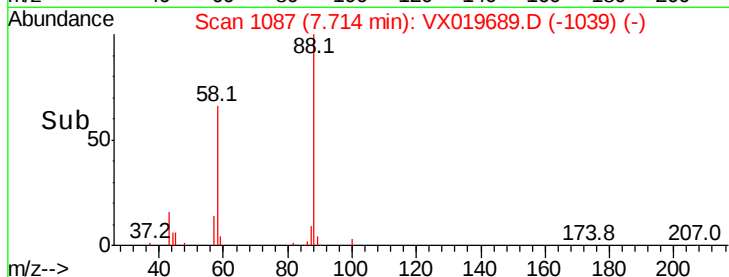
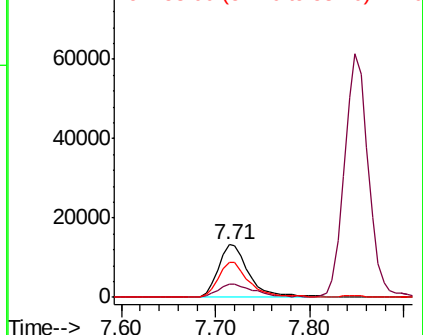
#49
1,4-Dioxane
Concen: 429.502 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion: 88 Resp: 30006
Ion Ratio Lower Upper
88 100
43 28.2 23.8 35.6
58 67.2 54.2 81.2

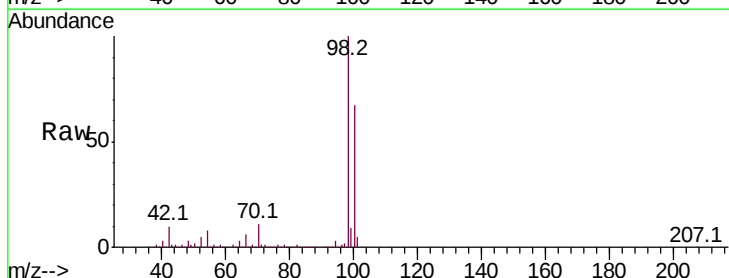


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

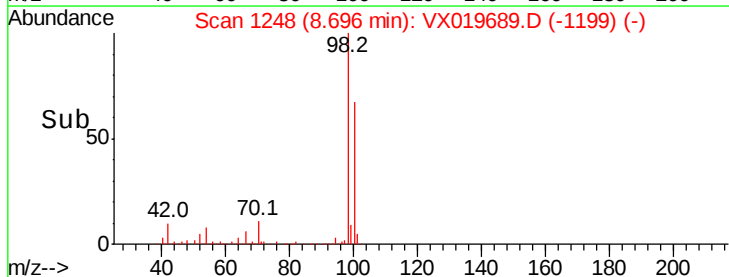
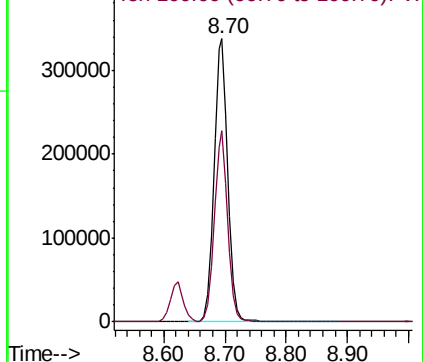


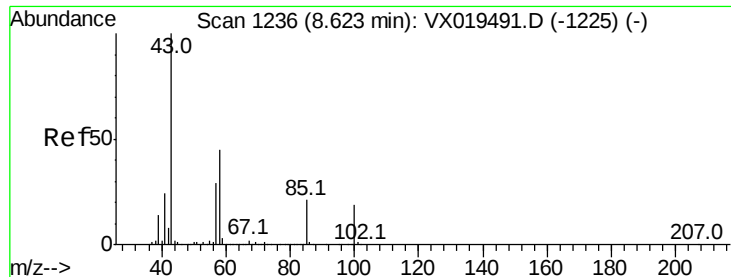
#50
Toluene-d8
Concen: 50.001 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 98 Resp: 541595
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 103.402 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleID :

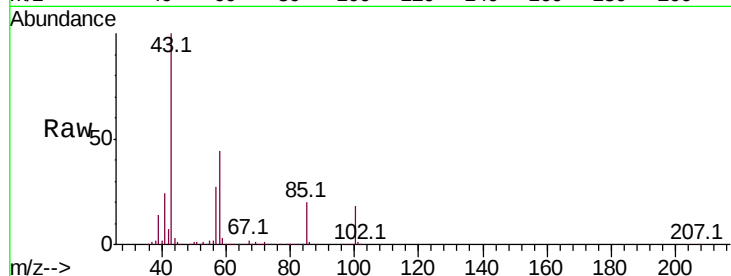
VX1201WBSD01

Tot Ion: 43 Resp: 396153

Ion Ratio Lower Upper

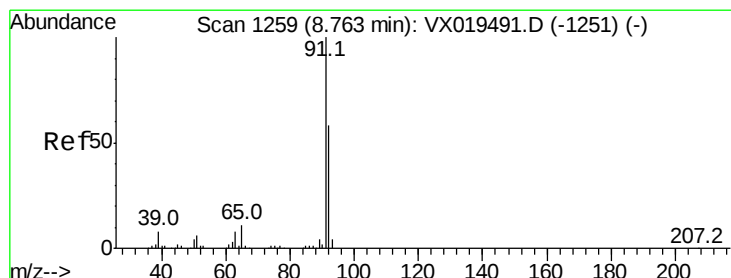
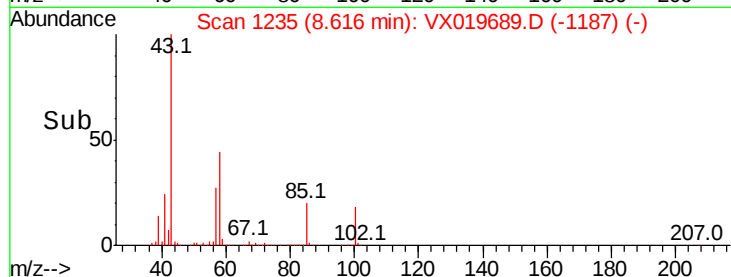
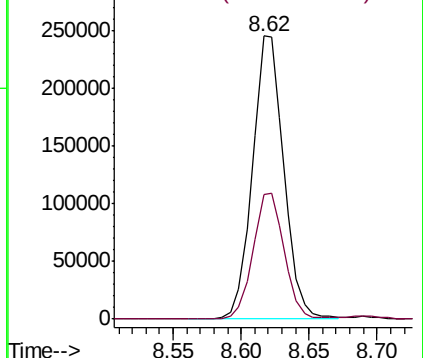
43 100

58 44.5 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.797 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019689.D

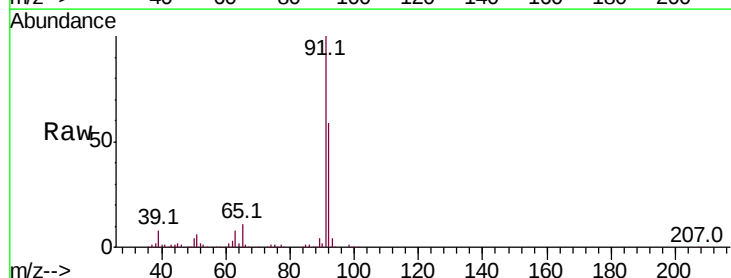
Acq: 01 Dec 2020 12:50

Tgt Ion: 92 Resp: 147093

Ion Ratio Lower Upper

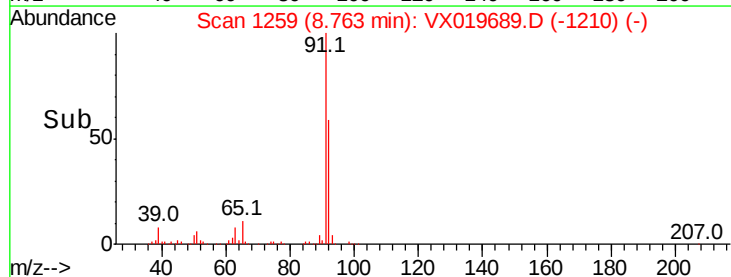
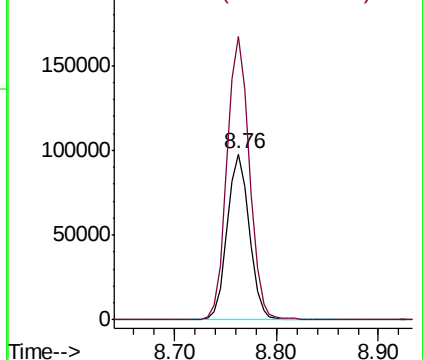
92 100

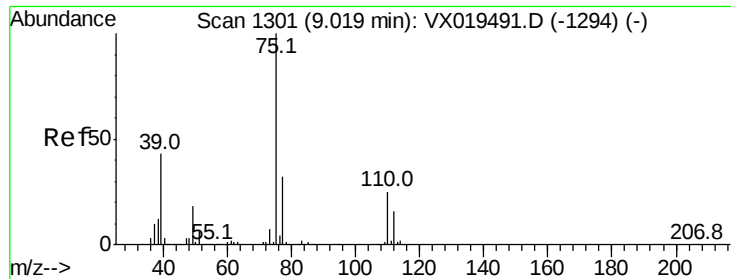
91 172.7 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

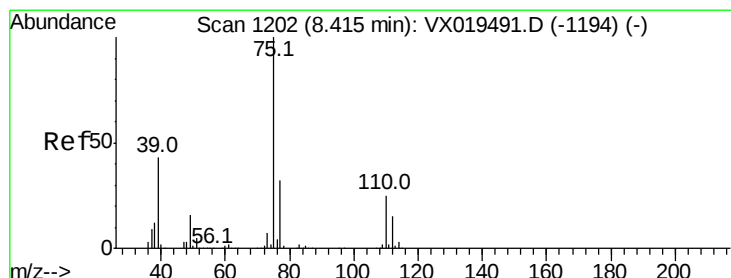
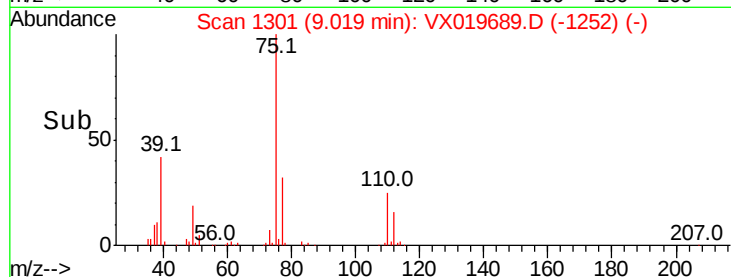
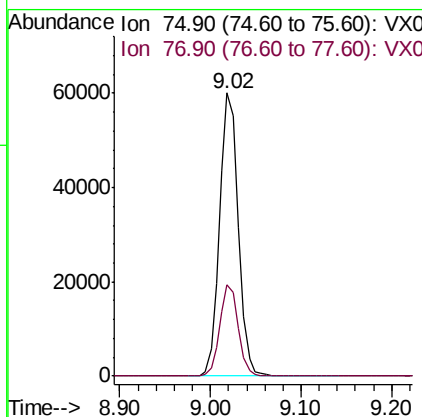
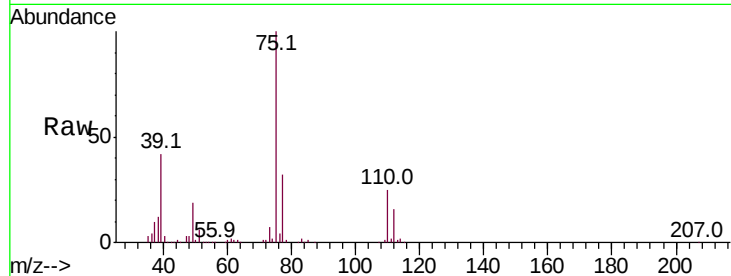




#53
 t-1,3-Dichloropropene
 Concen: 19.165 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

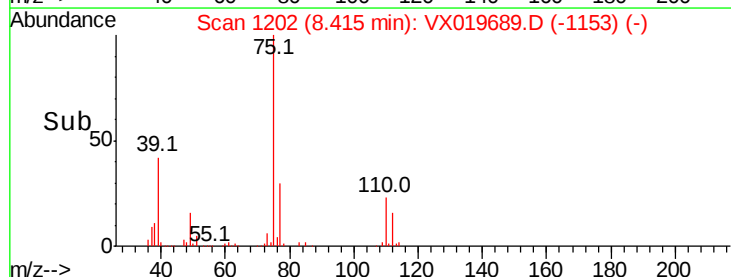
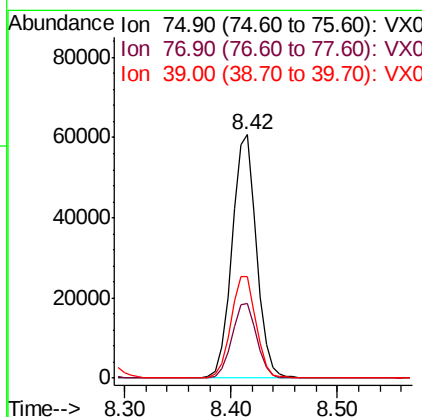
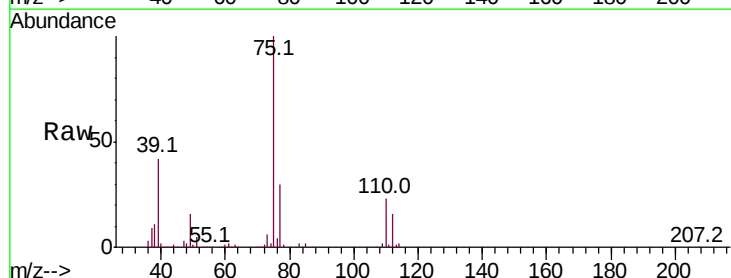
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

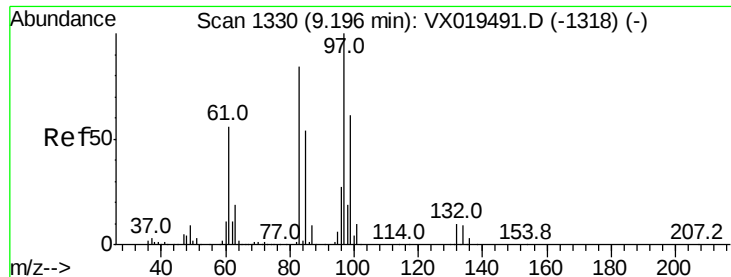
Tot Ion: 75 Resp: 86564
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.488 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion: 75 Resp: 97683
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.6
 39 41.5 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 19.633 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

Tot Ion: 97 Resp: 62570

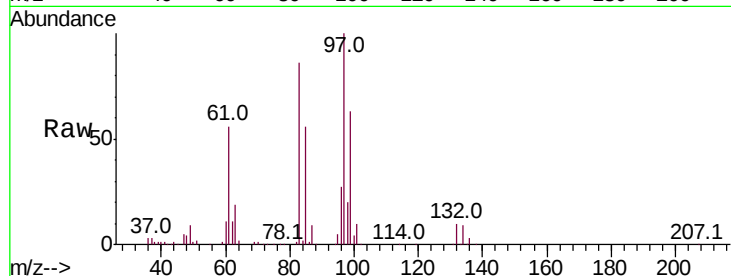
Ion Ratio Lower Upper

97 100

83 86.4 67.0 100.6

85 56.5 43.4 65.0

99 62.9 49.0 73.4

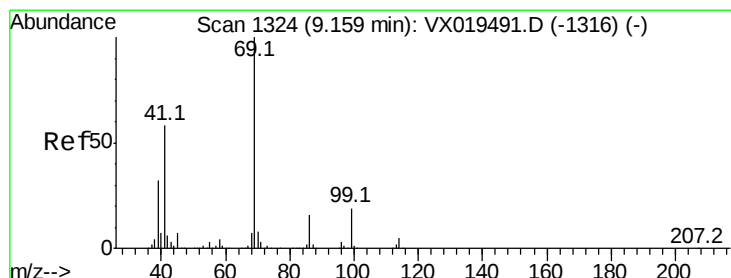
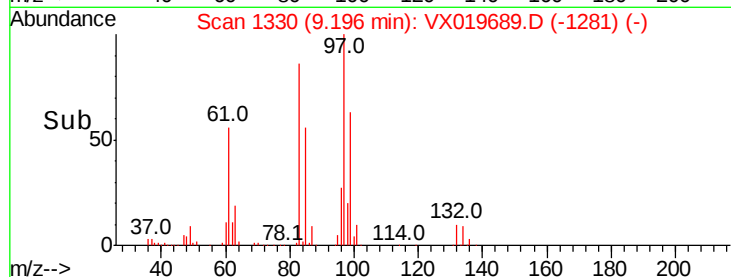
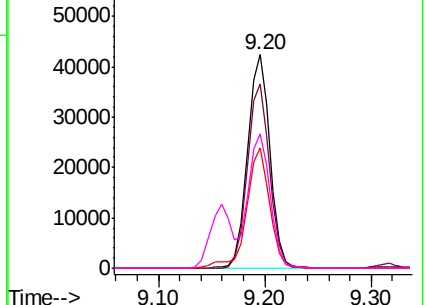


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.983 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

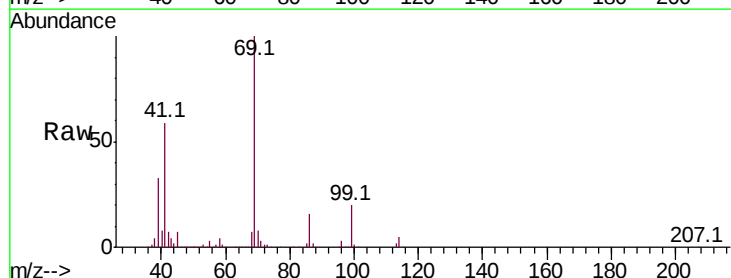
Tgt Ion: 69 Resp: 90112

Ion Ratio Lower Upper

69 100

41 58.9 46.2 69.2

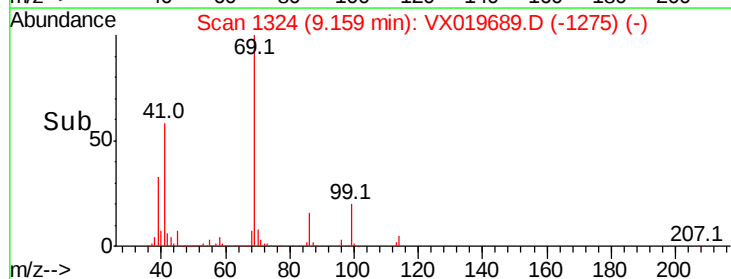
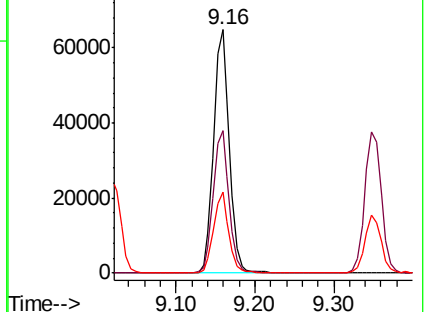
39 31.6 25.5 38.3

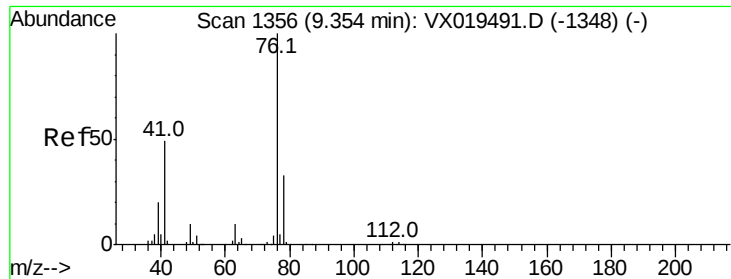


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.749 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

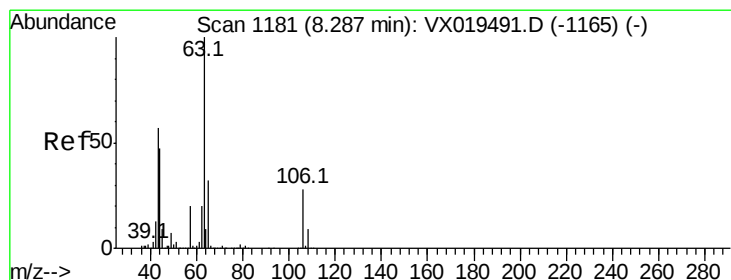
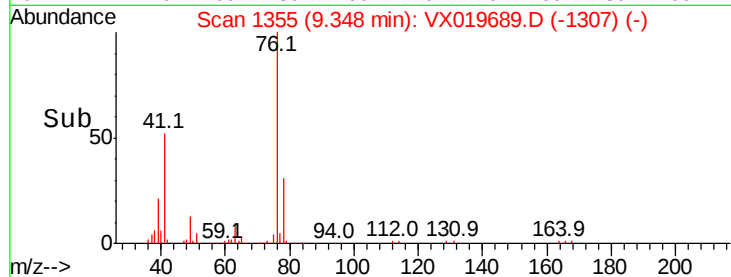
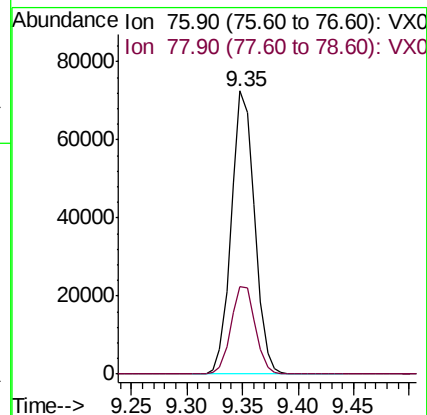
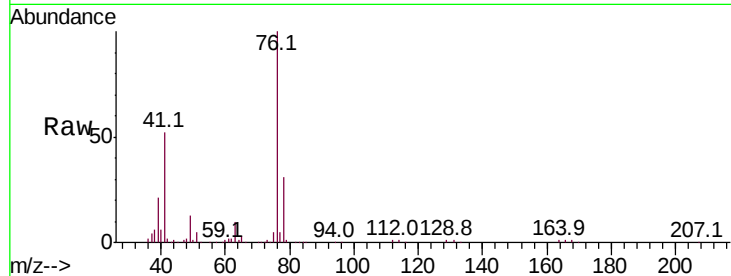
VX1201WBSD01

Tot Ion: 76 Resp: 105372

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 93.177 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019689.D

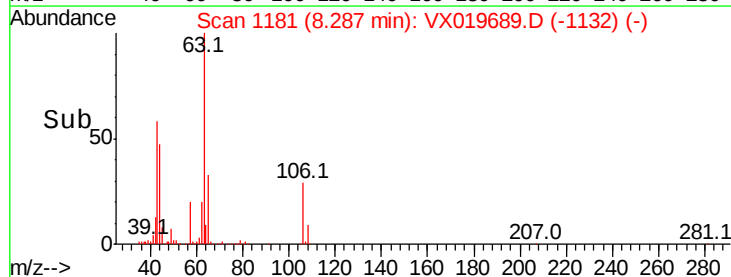
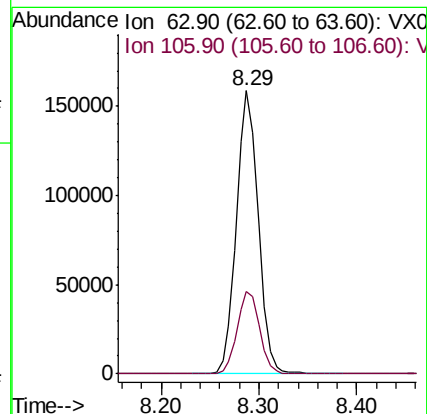
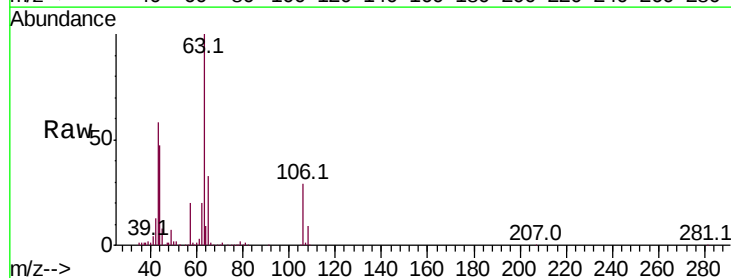
Acq: 01 Dec 2020 12:50

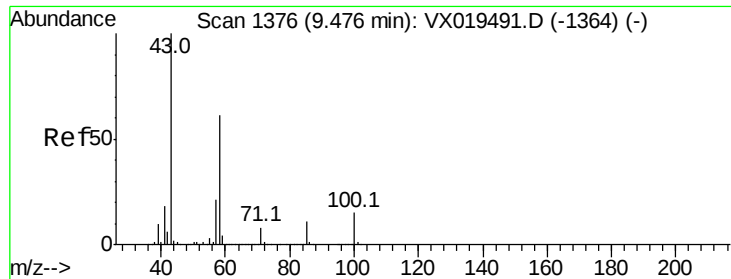
Tgt Ion: 63 Resp: 246209

Ion Ratio Lower Upper

63 100

106 29.9 23.7 35.5

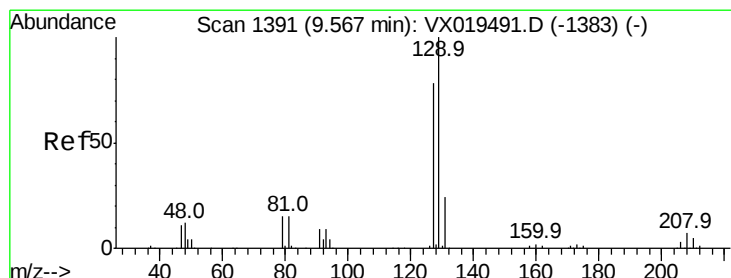
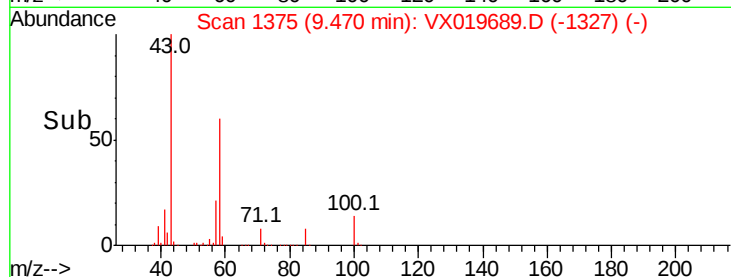
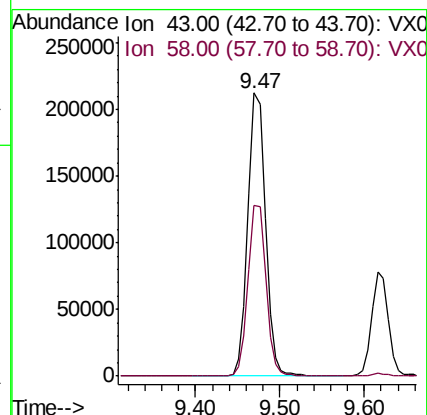
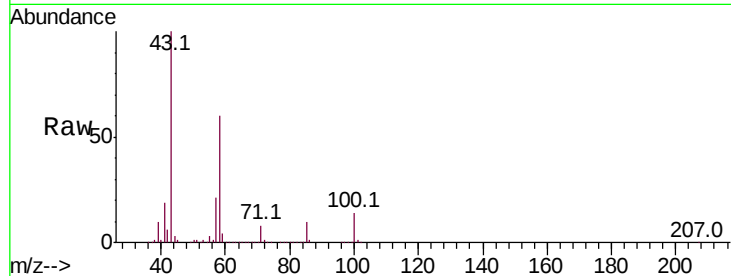




#59
2-Hexanone
Concen: 102.261 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

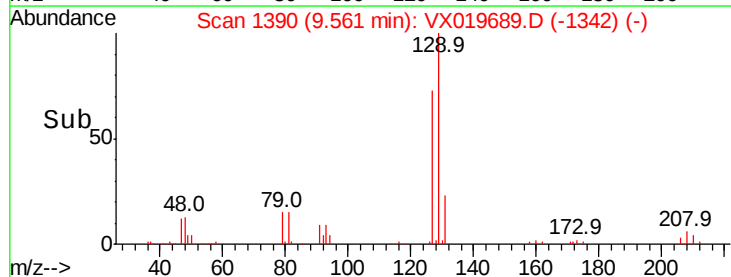
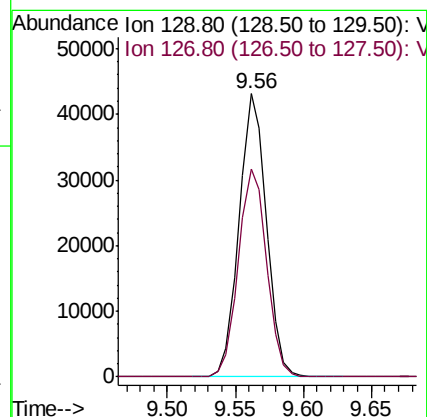
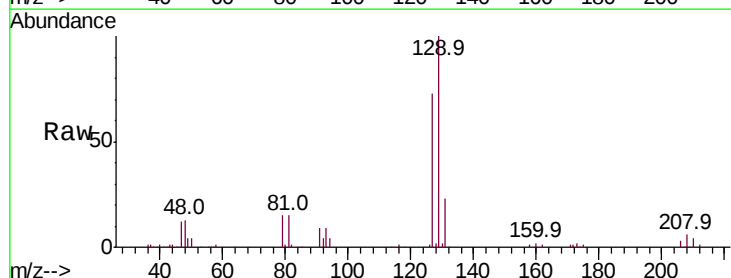
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

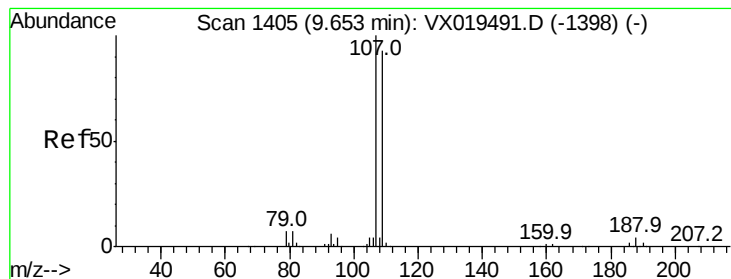
Tot Ion: 43 Resp: 297136
Ion Ratio Lower Upper
43 100
58 61.5 30.6 91.6



#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 129 Resp: 60428
Ion Ratio Lower Upper
129 100
127 76.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.922 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

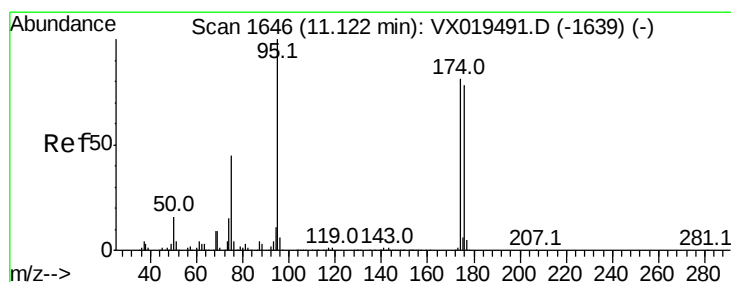
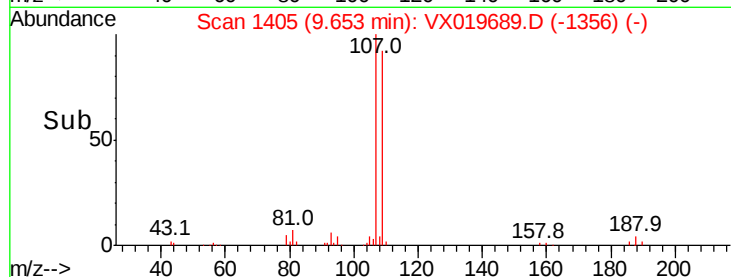
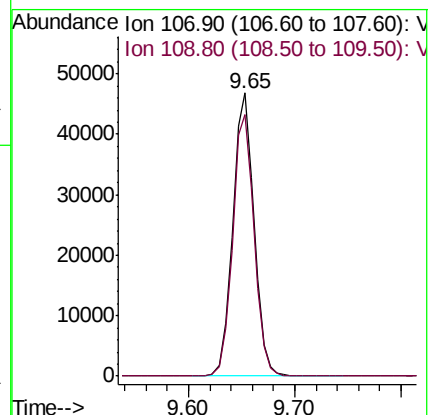
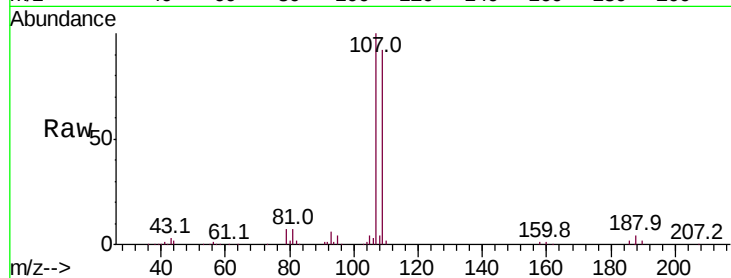
VX1201WBSD01

Tot Ion:107 Resp: 65445

Ion Ratio Lower Upper

107 100

109 93.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.871 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

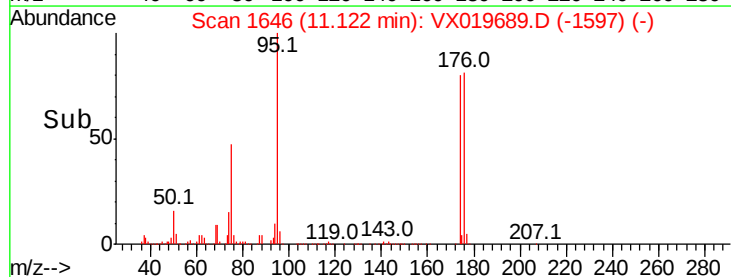
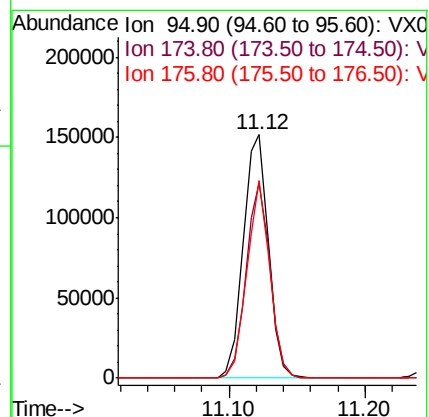
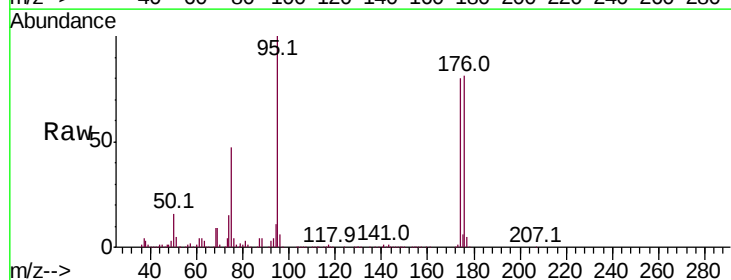
Tgt Ion: 95 Resp: 194354

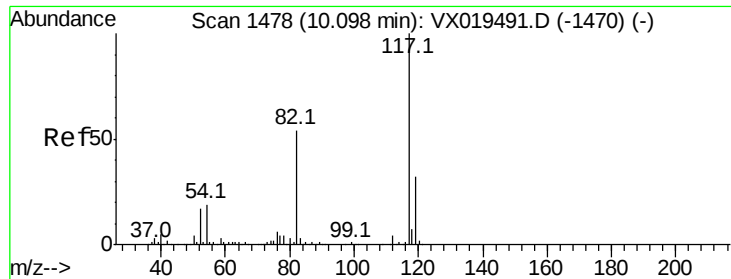
Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.2

176 74.4 0.0 151.4

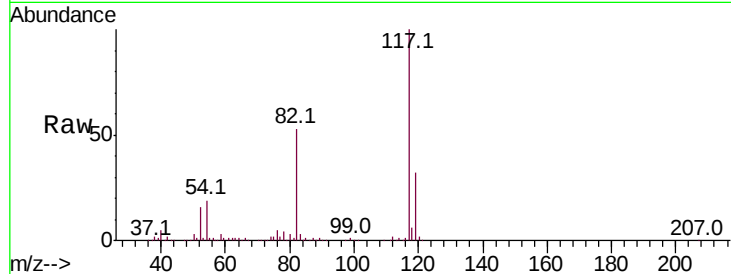




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.9	25.6	38.4

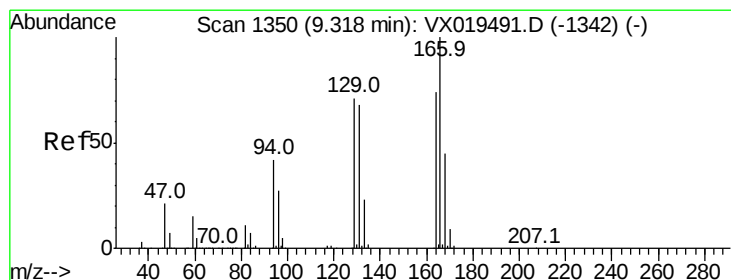
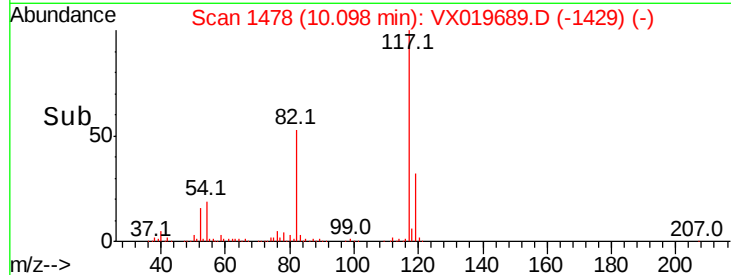
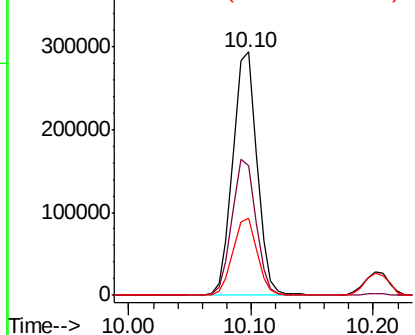


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 17.052 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	107.4	161.0
129	92.5	76.6	114.8
131	89.5	72.6	108.8

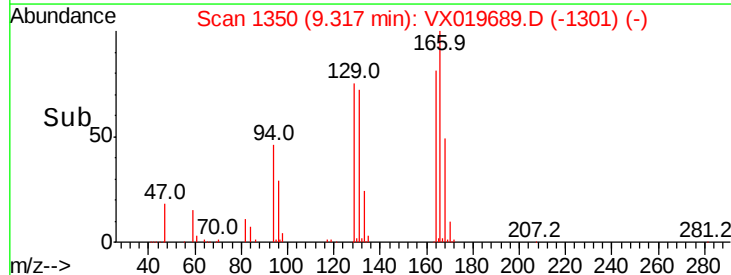
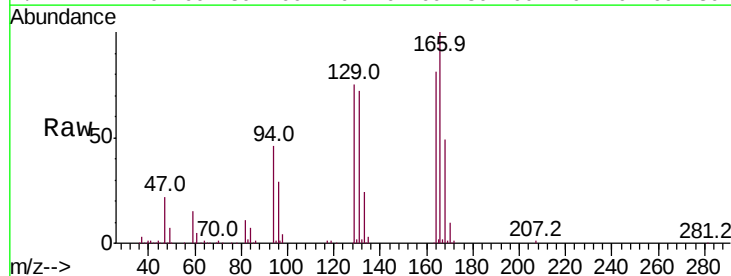
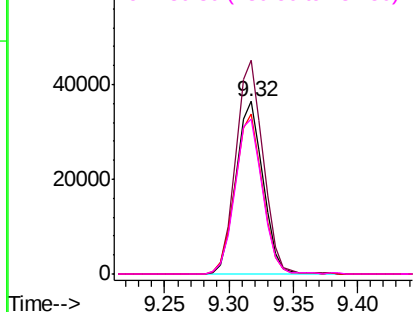
Abundance

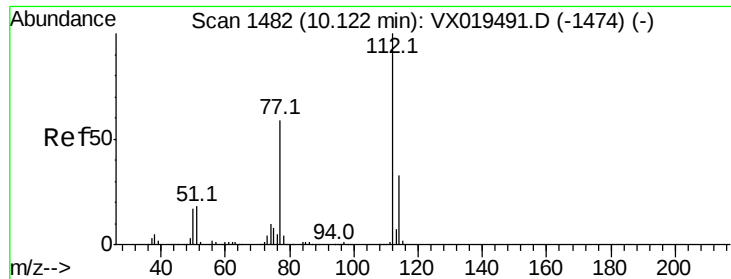
Ion 163.80 (163.50 to 164.50): V

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: 18.550 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

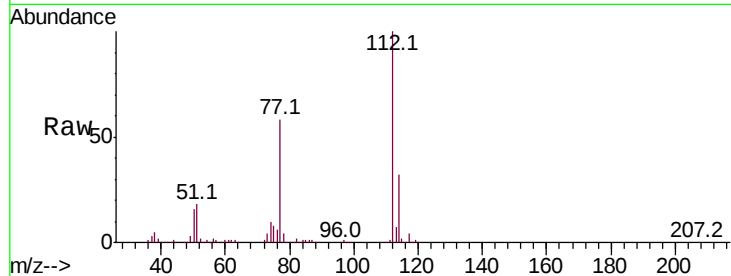
VX1201WBSD01

Tot Ion:112 Resp: 152930

Ion Ratio Lower Upper

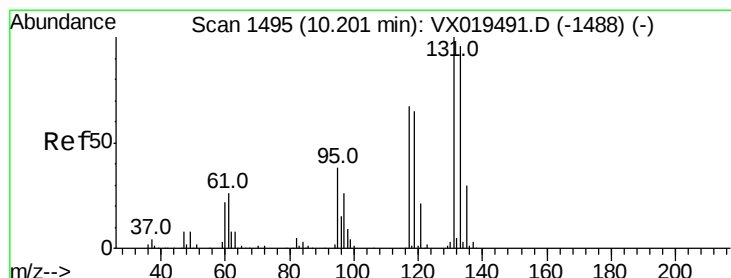
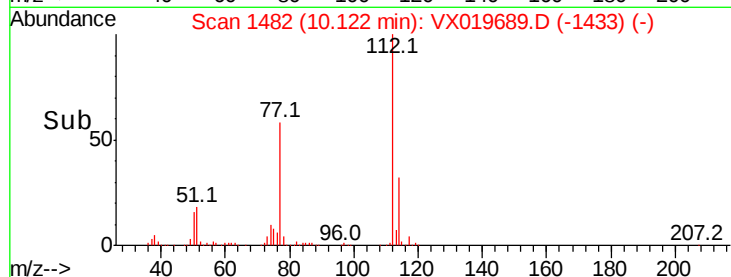
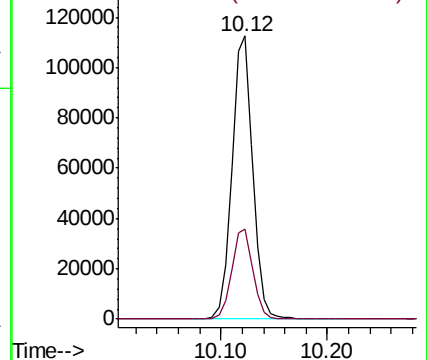
112 100

114 31.8 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: 19.070 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

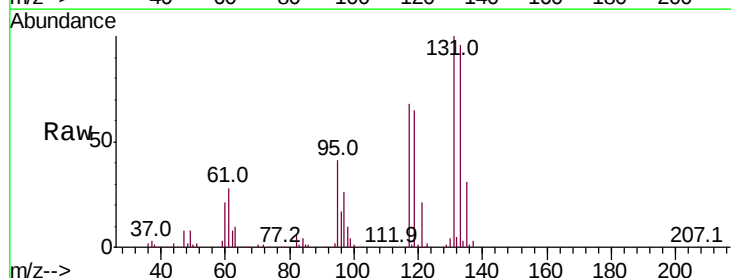
Tgt Ion:131 Resp: 57186

Ion Ratio Lower Upper

131 100

133 97.7 48.5 145.5

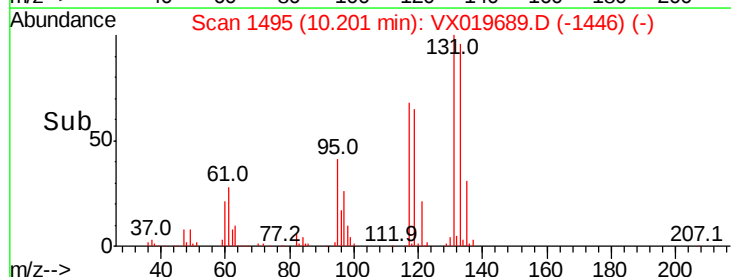
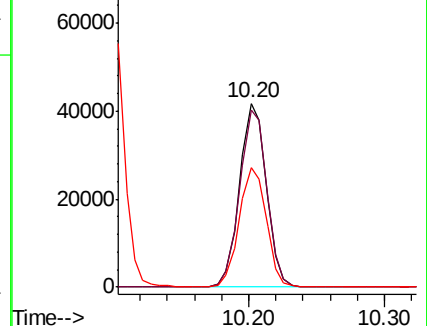
119 66.2 33.0 99.0

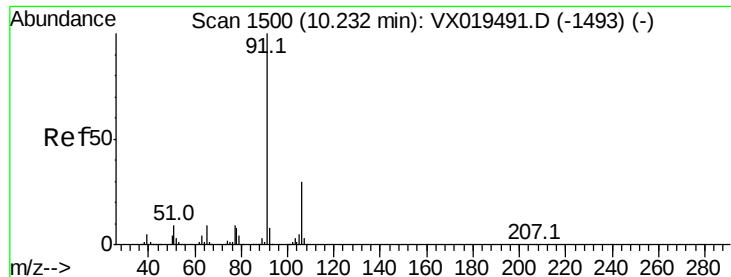


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.917 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

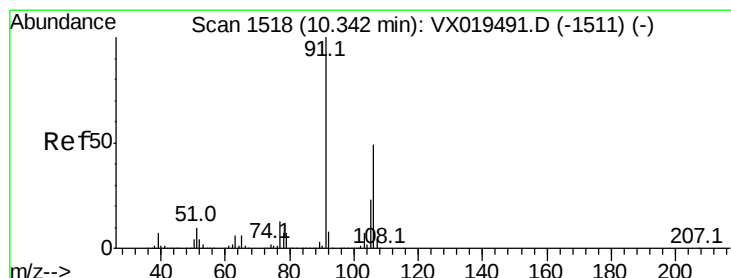
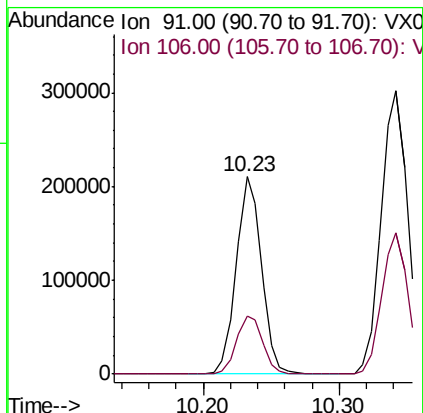
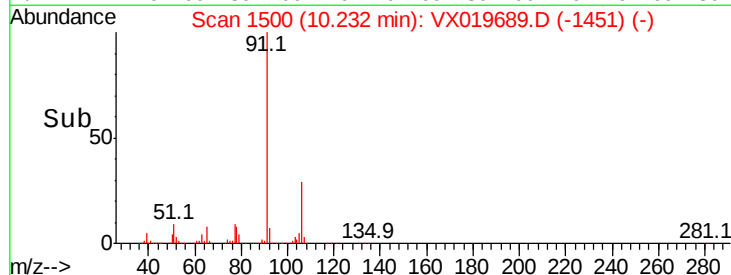
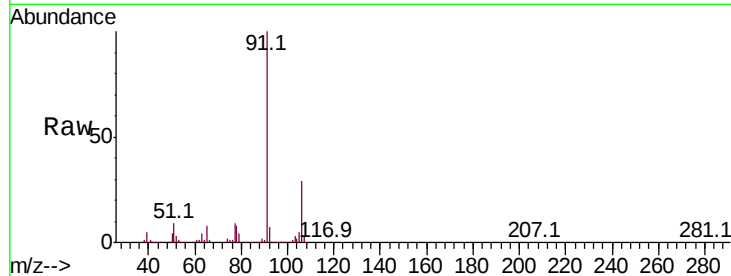
VX1201WBSD01

Tot Ion: 91 Resp: 273196

Ion Ratio Lower Upper

91 100

106 29.5 24.0 36.0



#68

m/p-Xylenes

Concen: 37.612 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019689.D

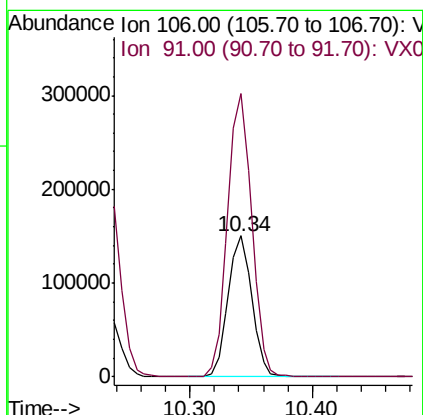
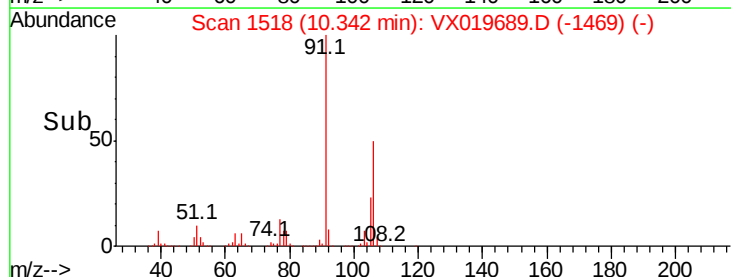
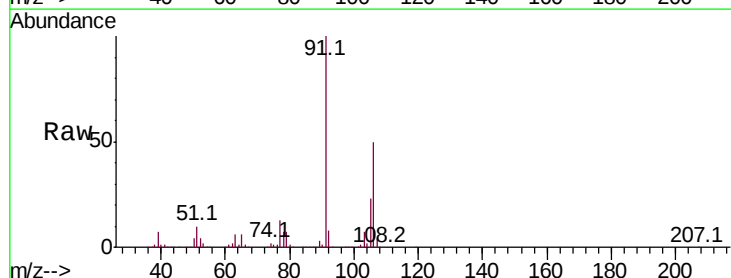
Acq: 01 Dec 2020 12:50

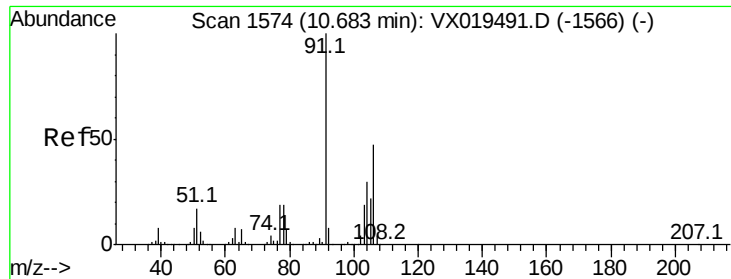
Tgt Ion: 106 Resp: 202374

Ion Ratio Lower Upper

106 100

91 204.2 163.3 244.9

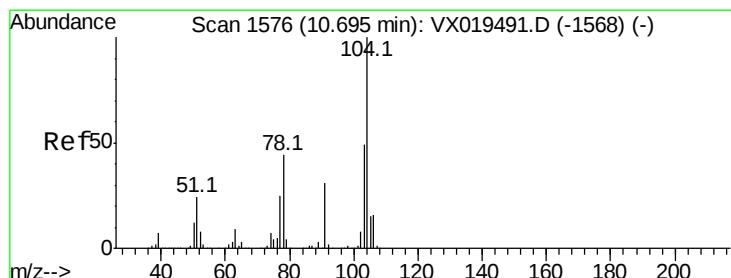
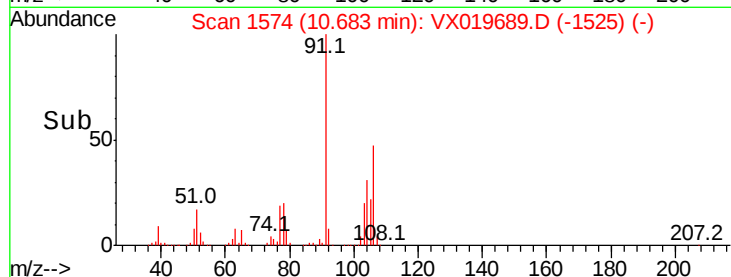
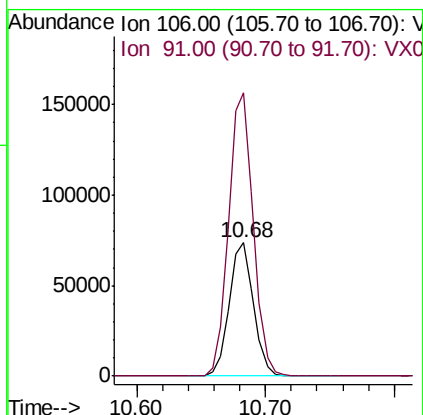
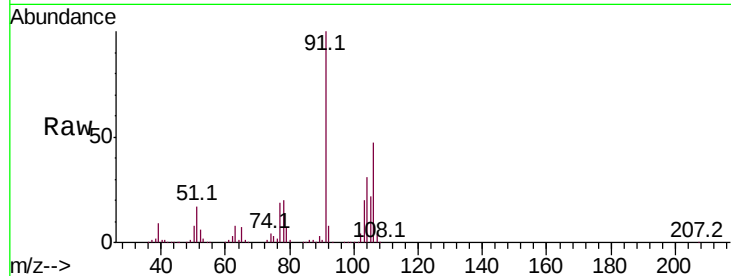




#69
o-Xylene
Concen: 18.922 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

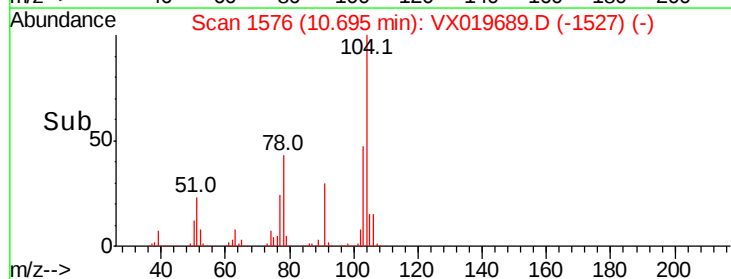
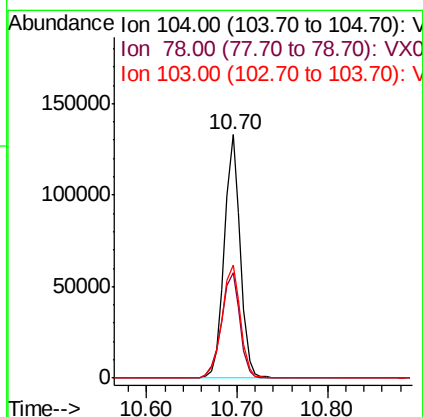
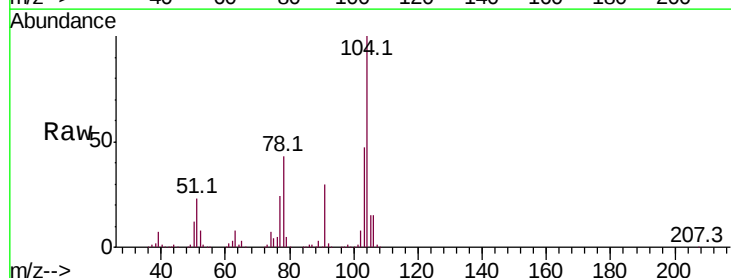
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

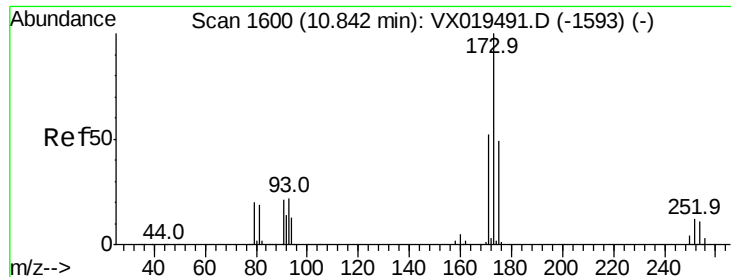
Tot Ion:106 Resp: 97327
Ion Ratio Lower Upper
106 100
91 215.8 108.0 324.0



#70
Styrene
Concen: 18.136 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:104 Resp: 162346
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.0 43.6 65.4





#71

Bromoform

Concen: 18.271 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

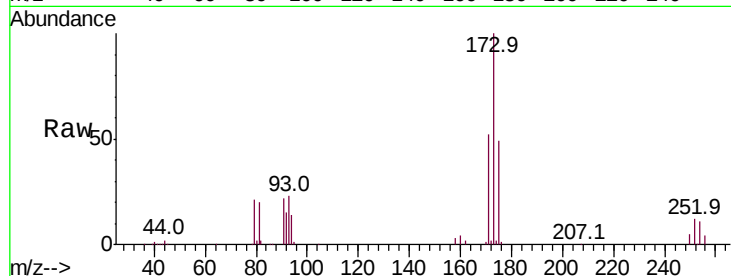
Tot Ion:173 Resp: 40154

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.8

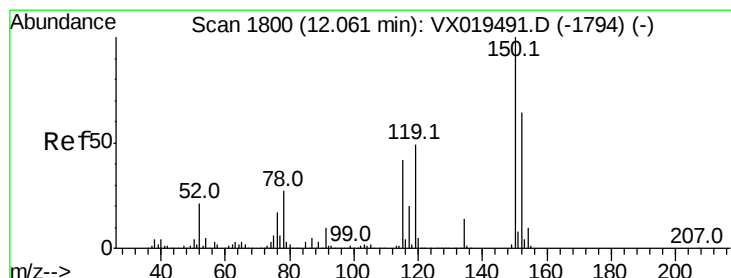
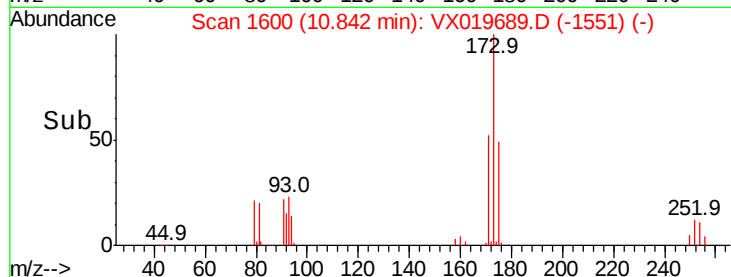
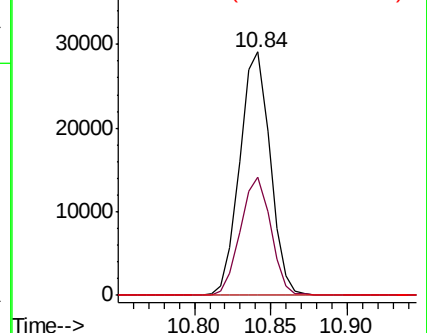
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

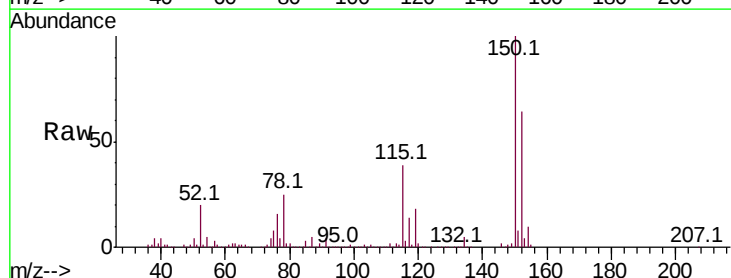
Tgt Ion:152 Resp: 187870

Ion Ratio Lower Upper

152 100

115 68.6 41.8 125.4

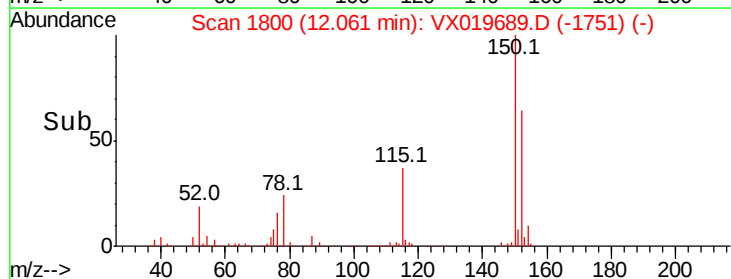
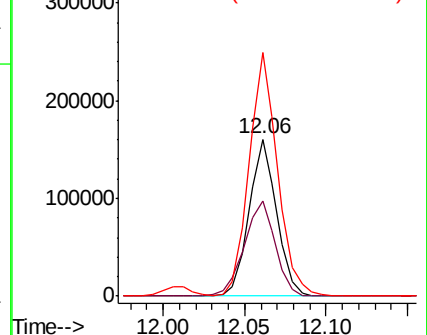
150 160.9 0.0 348.2

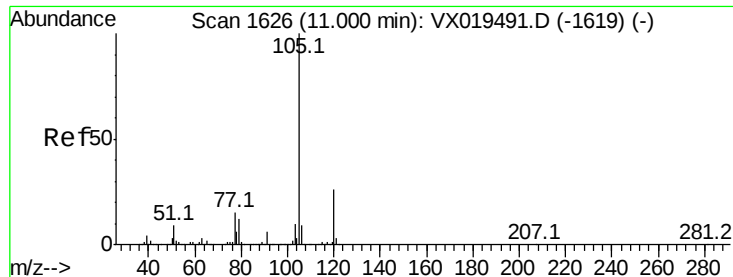


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.204 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

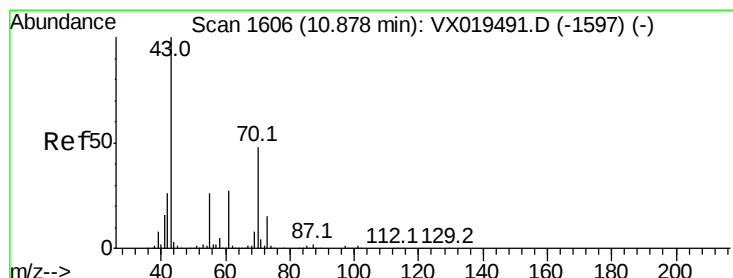
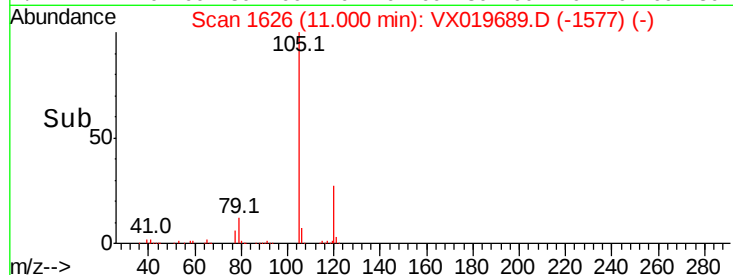
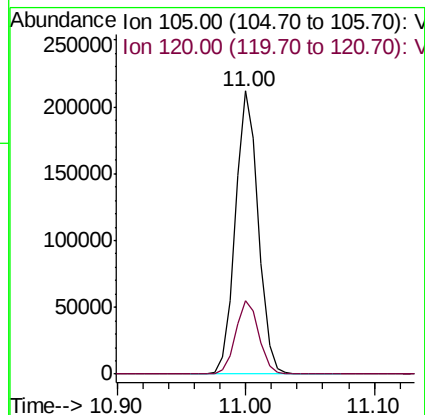
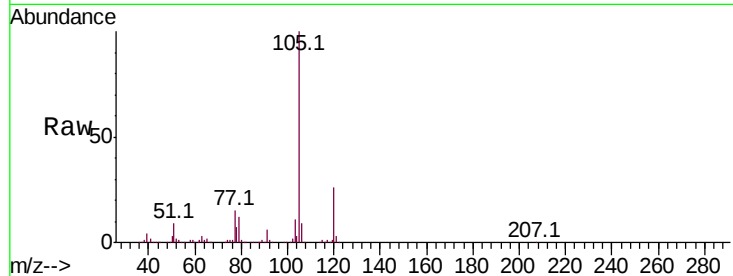
VX1201WBSD01

Tot Ion: 105 Resp: 262575

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 20.791 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Tgt Ion: 43 Resp: 101253

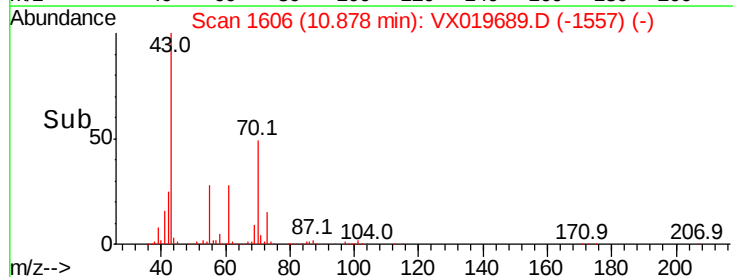
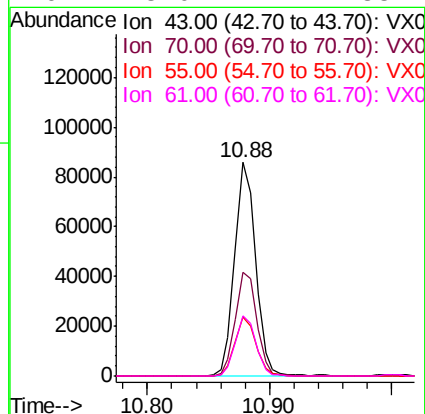
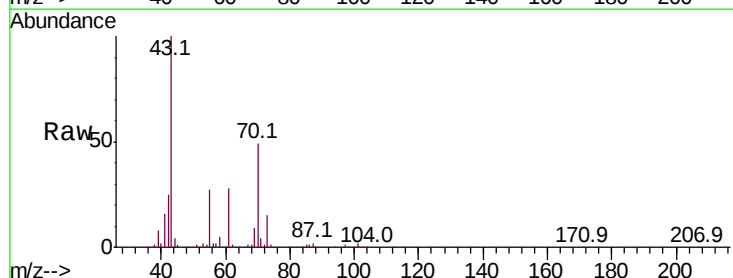
Ion Ratio Lower Upper

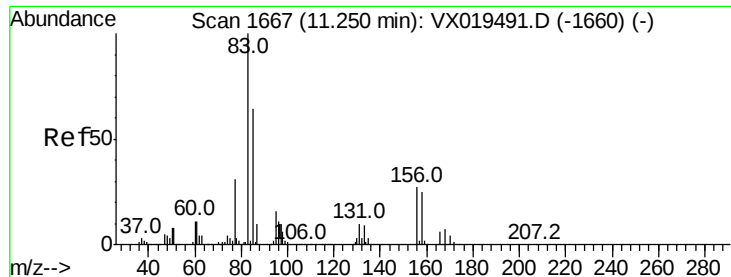
43 100

70 50.1 39.7 59.5

55 28.0 21.8 32.6

61 28.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.122 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

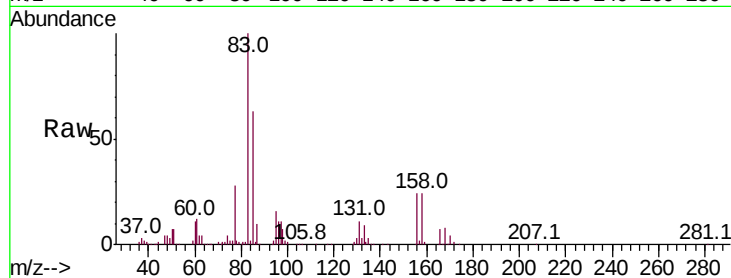
Tot Ion: 83 Resp: 93521

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

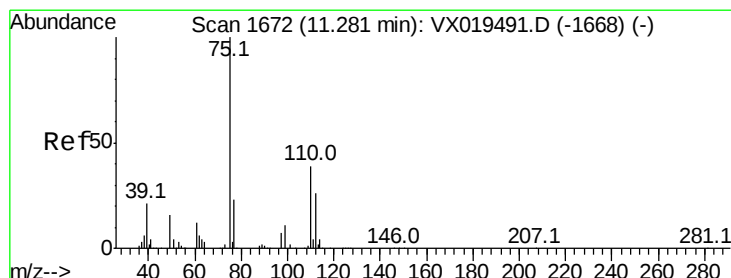
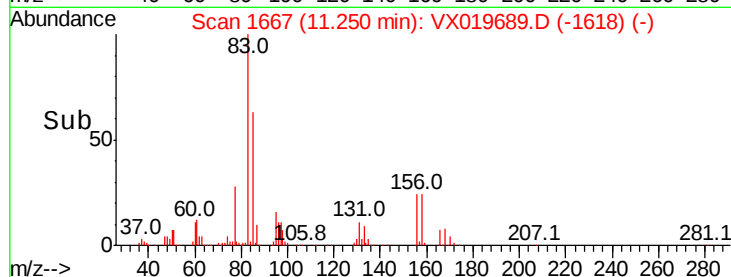
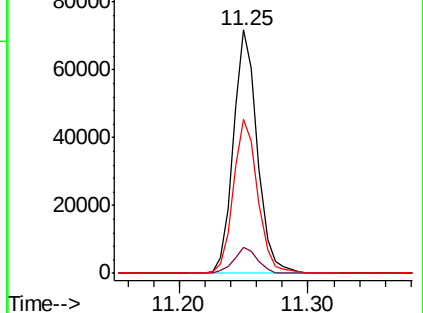
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.178 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019689.D

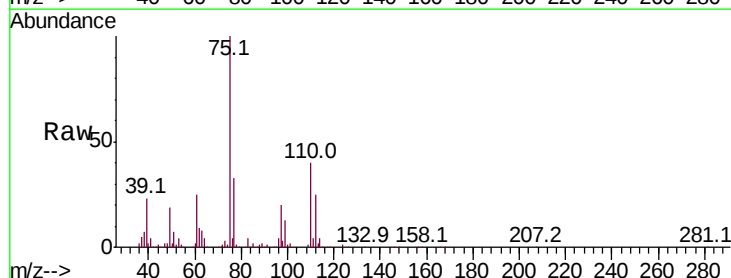
Acq: 01 Dec 2020 12:50

Tgt Ion: 75 Resp: 103227

Ion Ratio Lower Upper

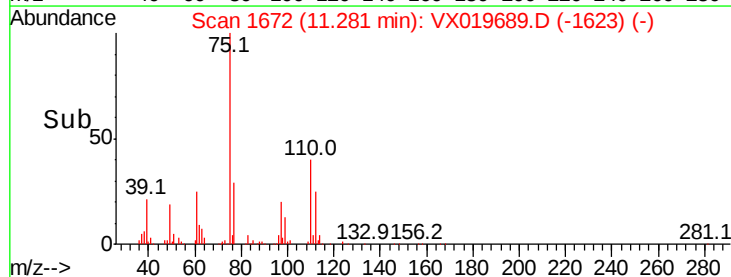
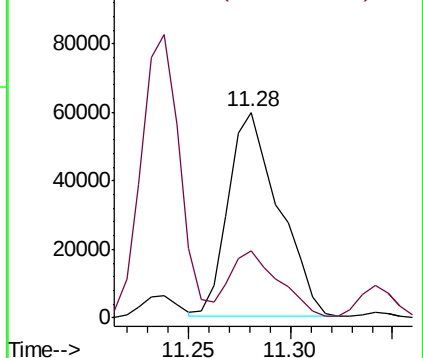
75 100

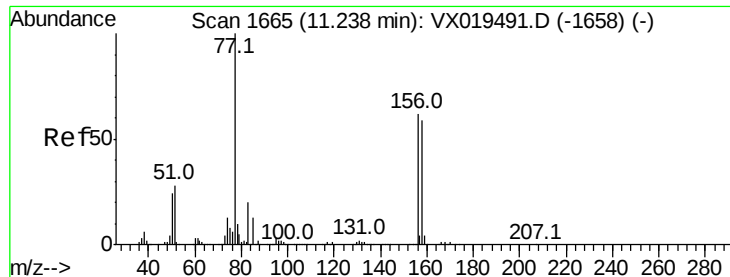
77 31.7 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

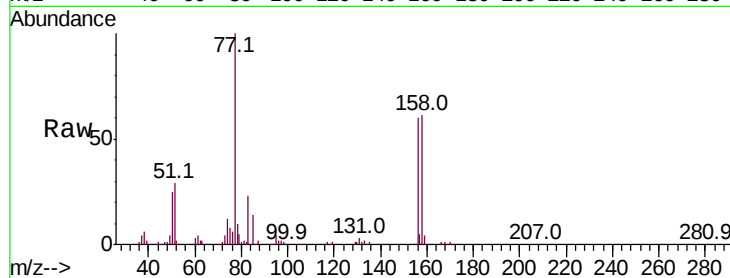
Tot Ion:156 Resp: 64613

Ion Ratio Lower Upper

156 100

77 169.0 82.5 247.3

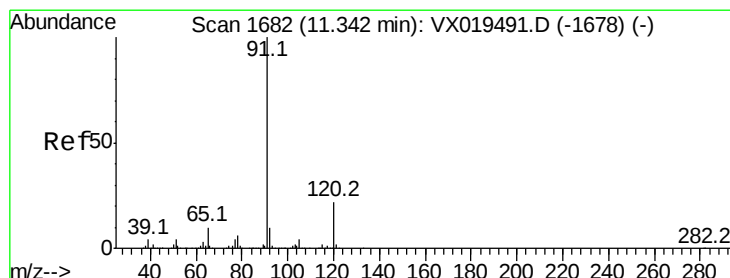
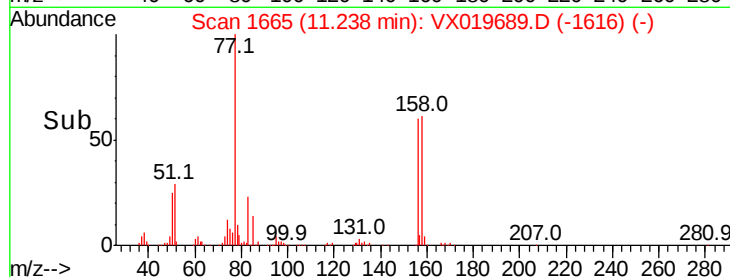
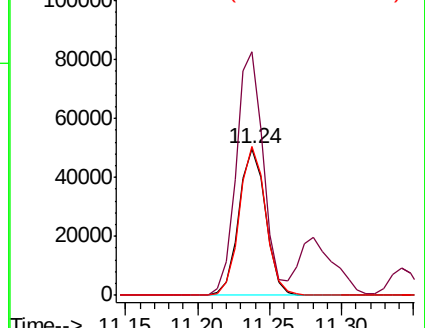
158 99.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.470 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019689.D

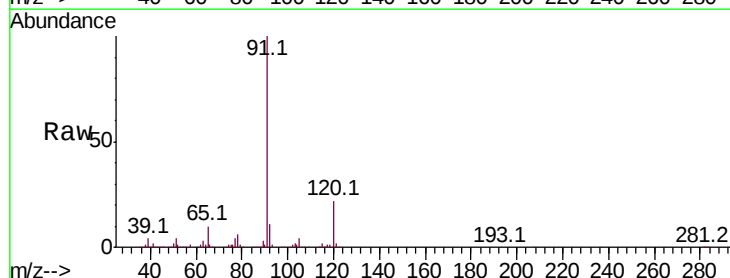
Acq: 01 Dec 2020 12:50

Tgt Ion: 91 Resp: 290286

Ion Ratio Lower Upper

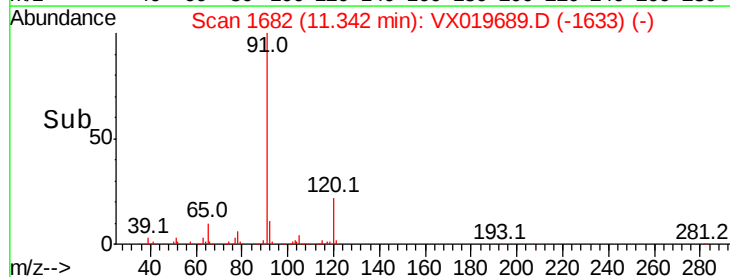
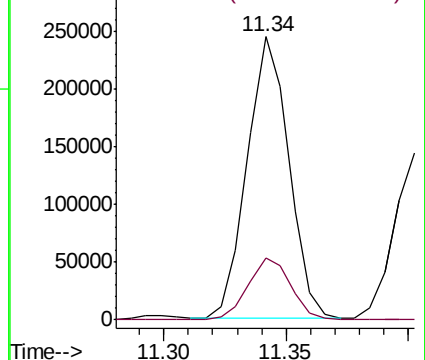
91 100

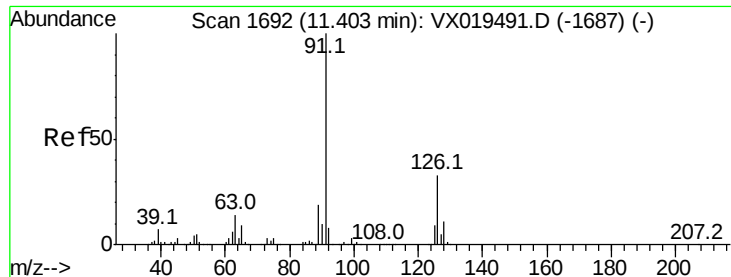
120 22.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.594 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

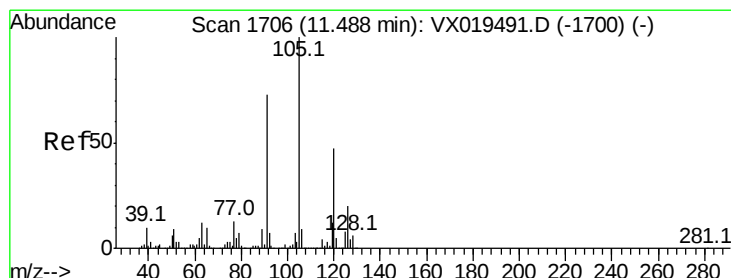
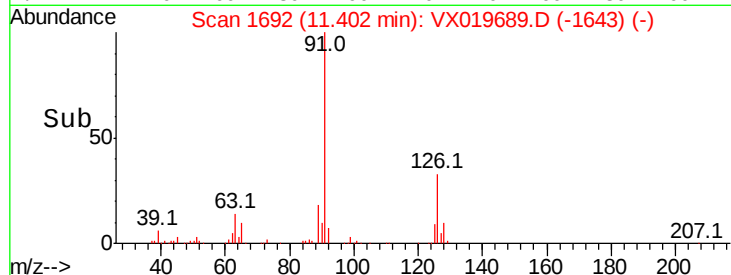
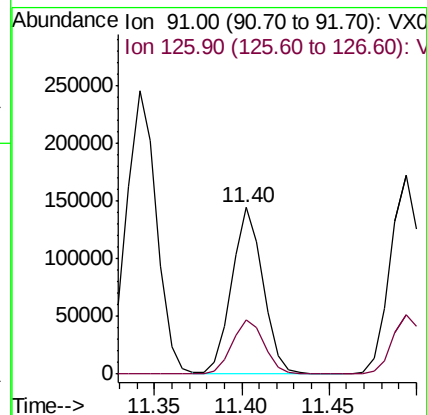
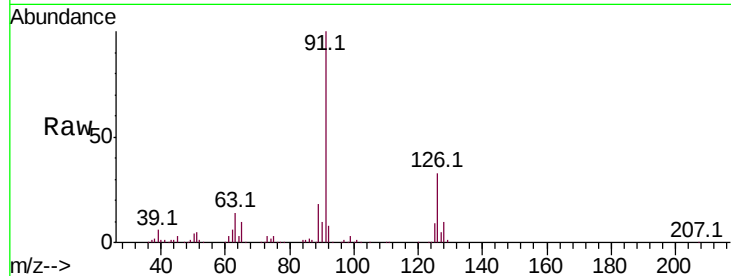
VX1201WBSD01

Tot Ion: 91 Resp: 177169

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 19.636 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019689.D

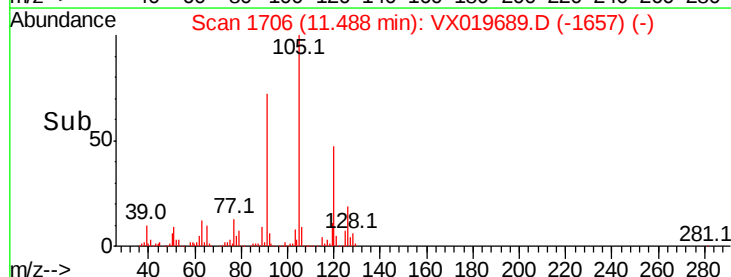
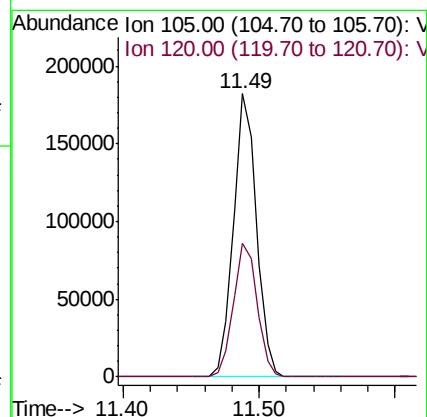
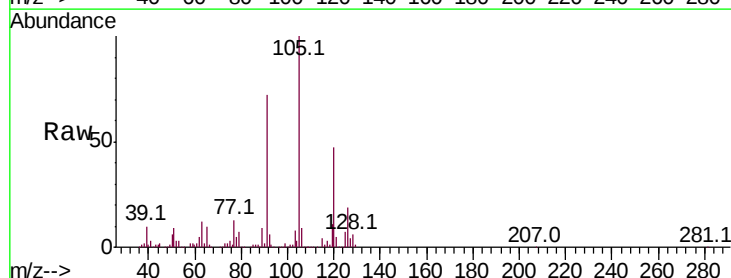
Acq: 01 Dec 2020 12:50

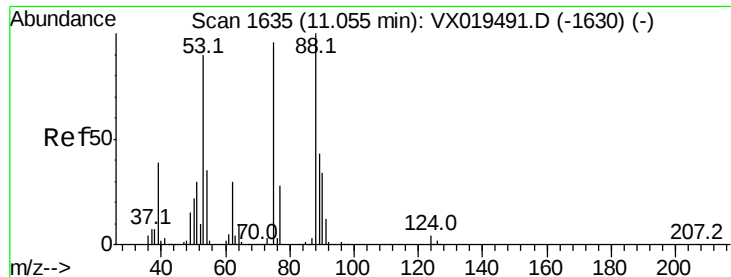
Tgt Ion: 105 Resp: 214077

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.890 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

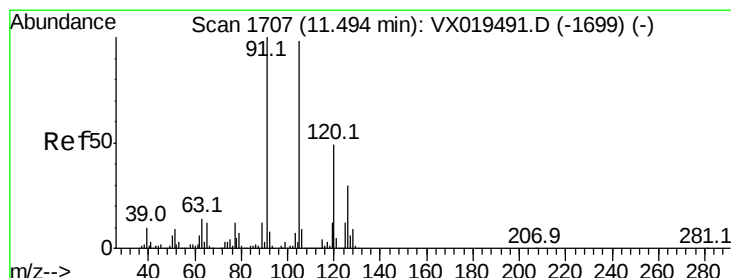
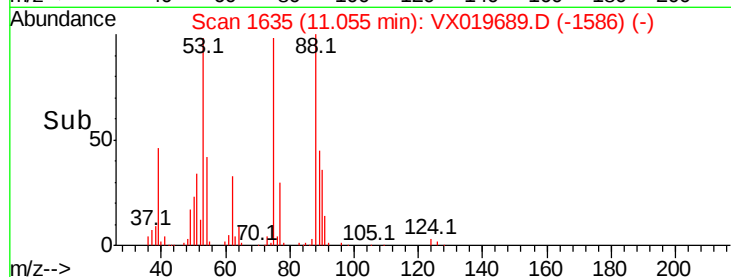
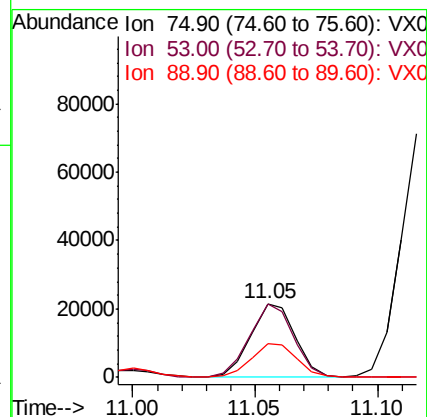
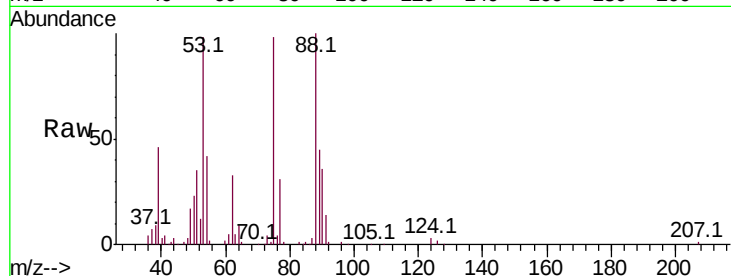
Tot Ion: 75 Resp: 27624

Ion	Ratio	Lower	Upper
75	100		
53	98.1	73.9	110.9
89	46.4	37.3	55.9

75 100

53 98.1 73.9 110.9

89 46.4 37.3 55.9



#82

4-Chlorotoluene

Concen: 19.526 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019689.D

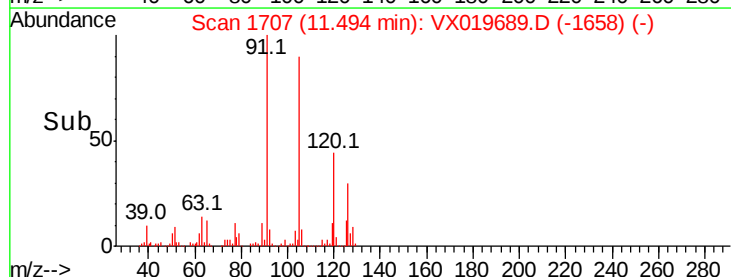
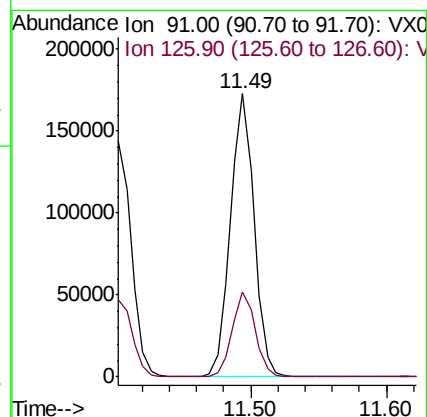
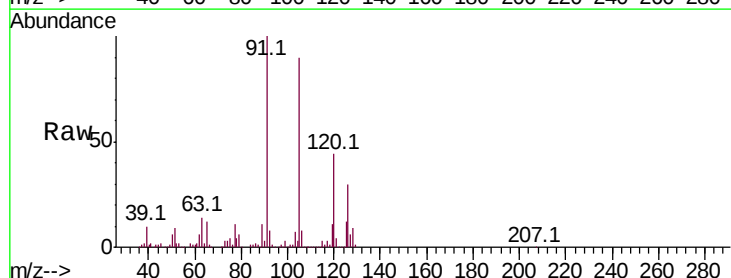
Acq: 01 Dec 2020 12:50

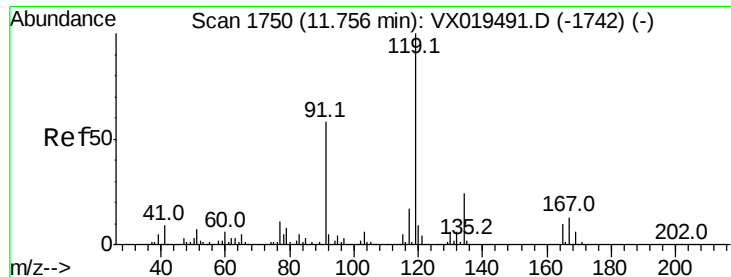
Tgt Ion: 91 Resp: 207837

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7

91 100

126 29.4 14.9 44.7

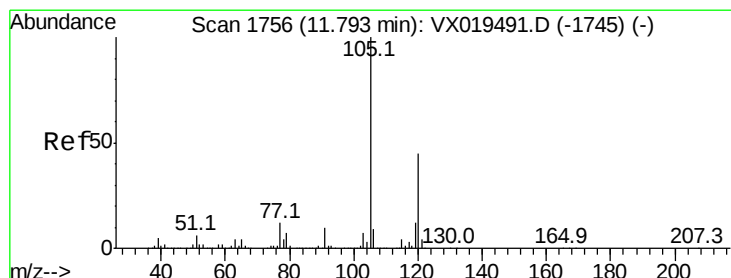
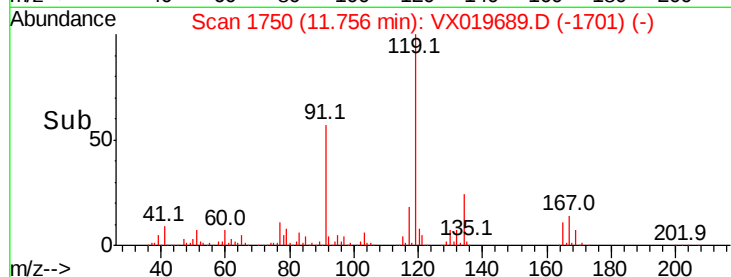
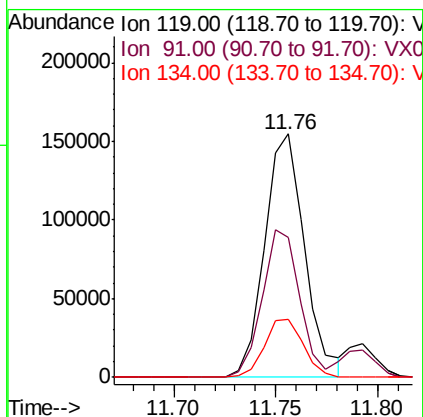
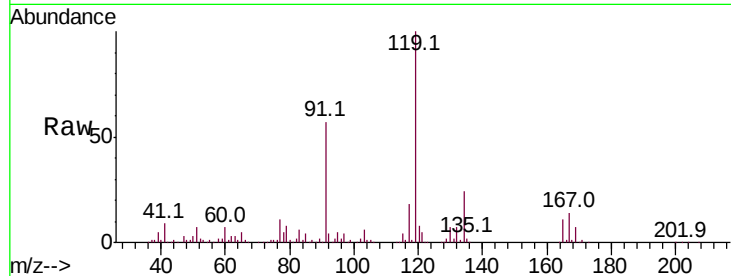




#83
tert-Butylbenzene
Concen: 20.031 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

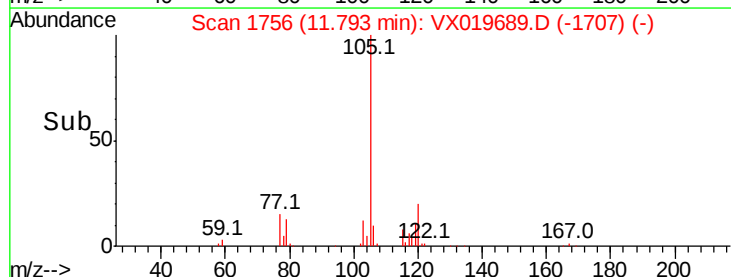
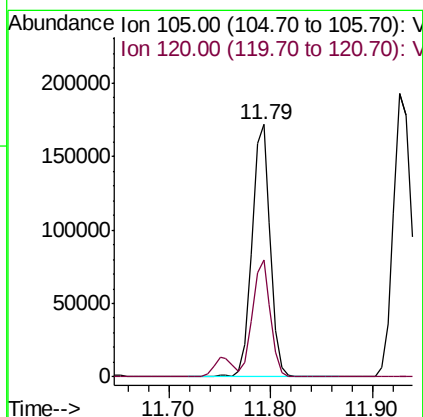
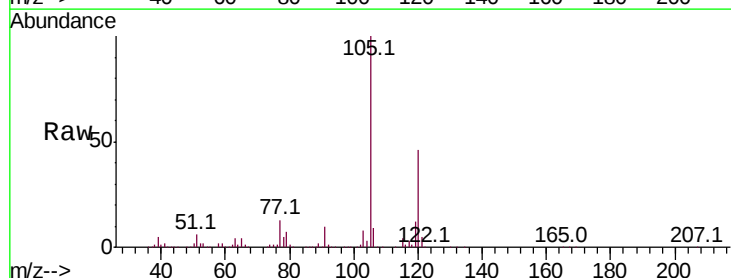
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

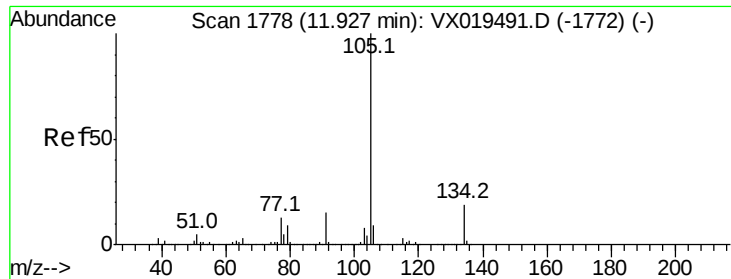
Tot Ion:119 Resp: 211274
Ion Ratio Lower Upper
119 100
91 56.8 28.9 86.8
134 23.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.542 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:105 Resp: 215570
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6

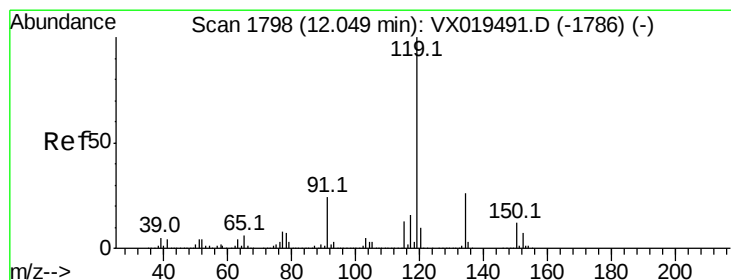
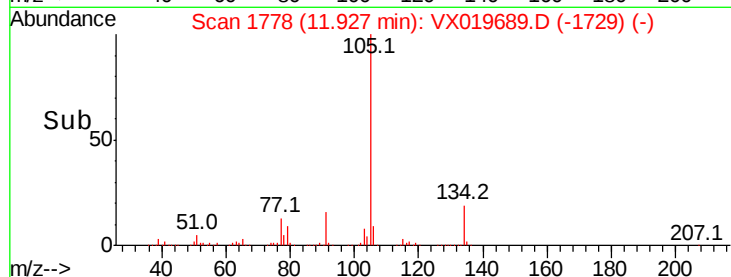
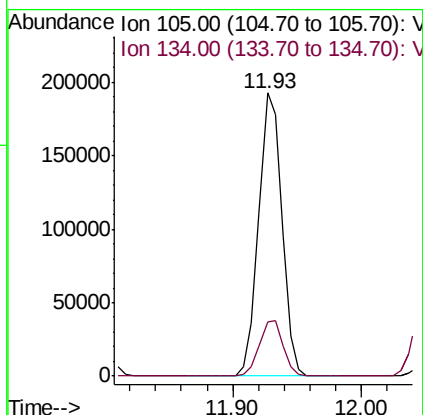
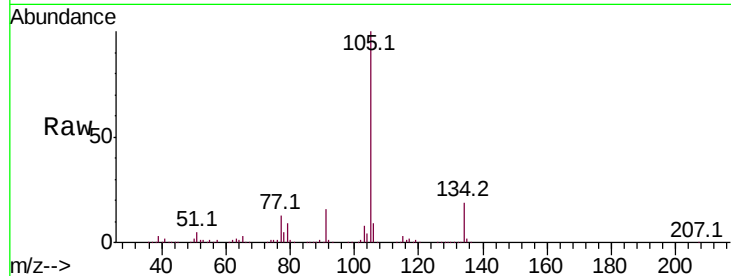




#85
 sec-Butylbenzene
 Concen: 19.048 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

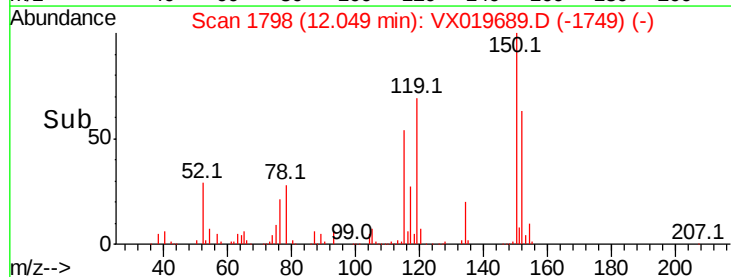
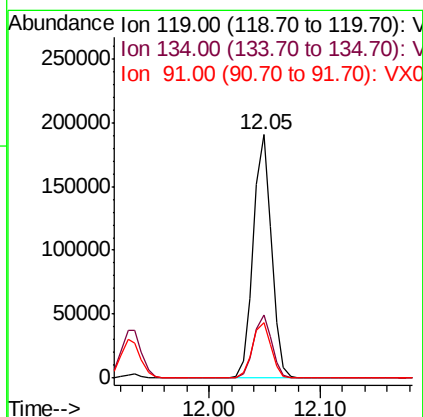
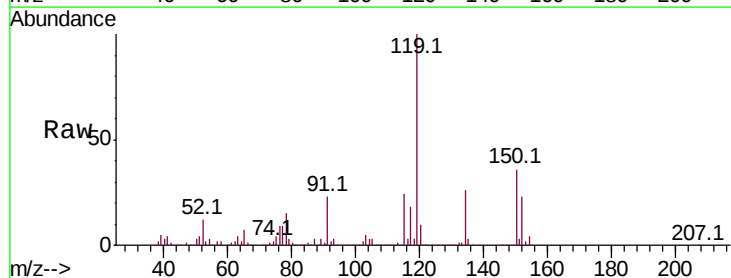
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

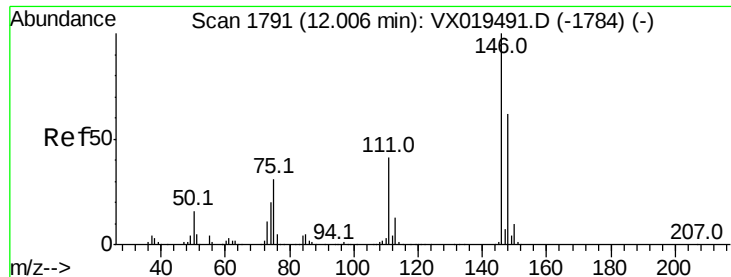
Tot Ion:105 Resp: 239013
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.077 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion:119 Resp: 217334
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.754 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBSD01

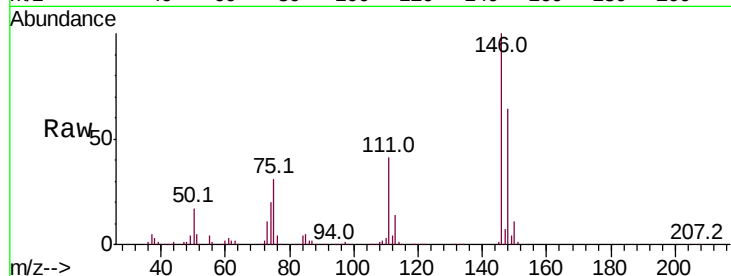
Tot Ion:146 Resp: 114271

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.6

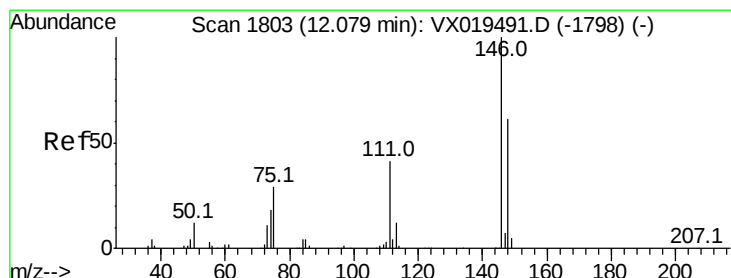
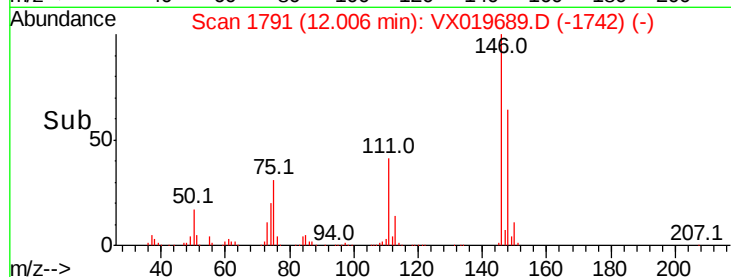
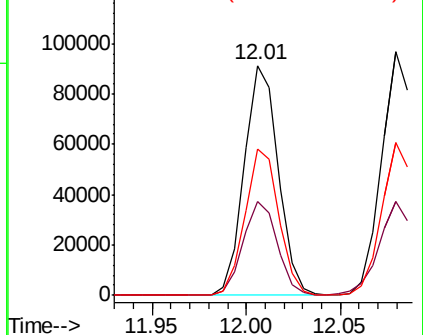
148 63.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.843 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019689.D

Acq: 01 Dec 2020 12:50

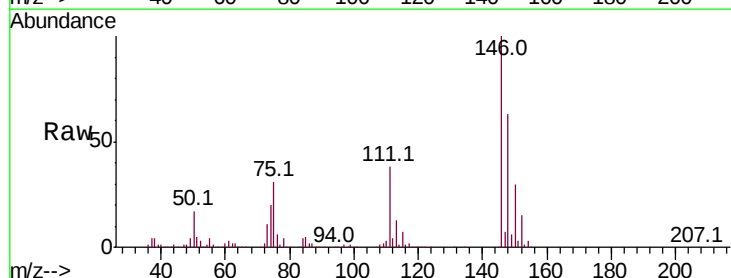
Tgt Ion:146 Resp: 118263

Ion Ratio Lower Upper

146 100

111 40.0 19.9 59.6

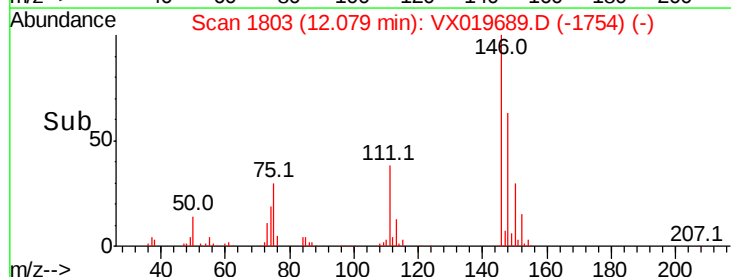
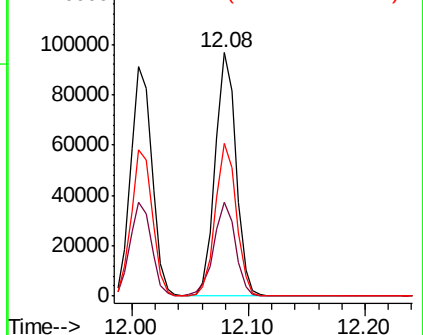
148 63.4 31.7 95.1

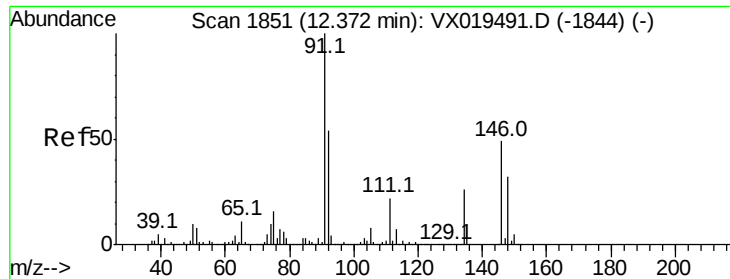


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

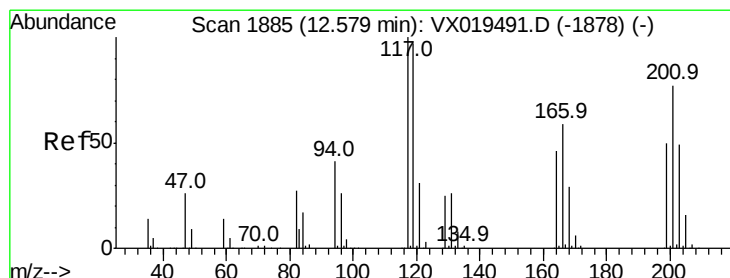
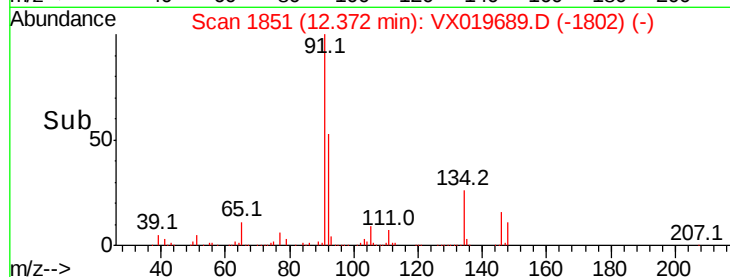
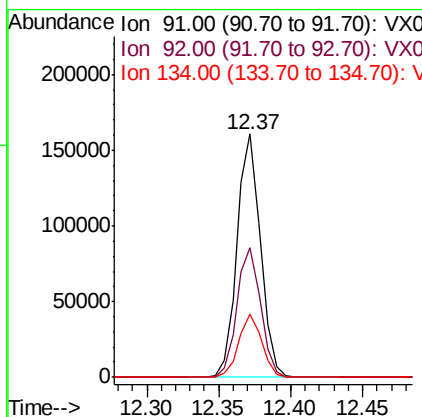
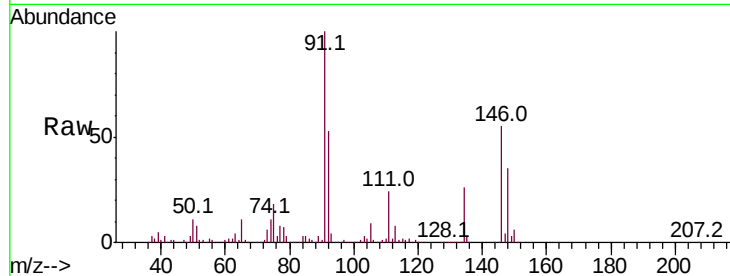




#89
n-Butylbenzene
Concen: 17.705 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

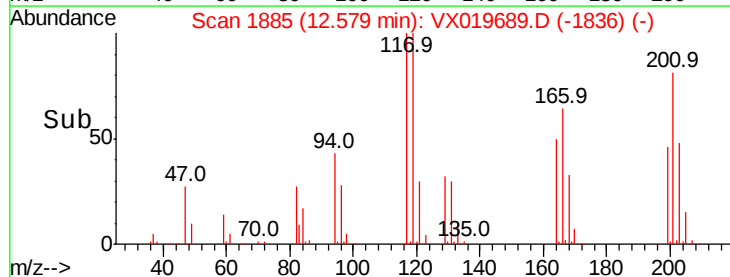
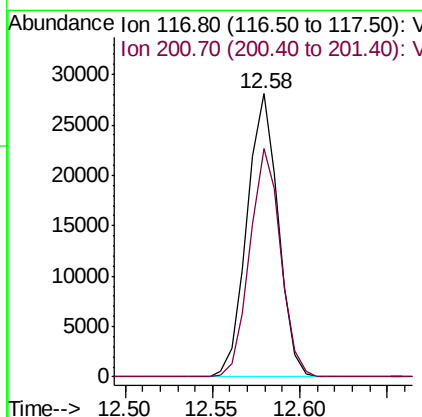
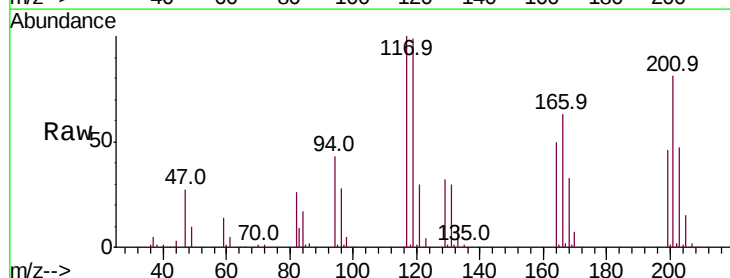
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

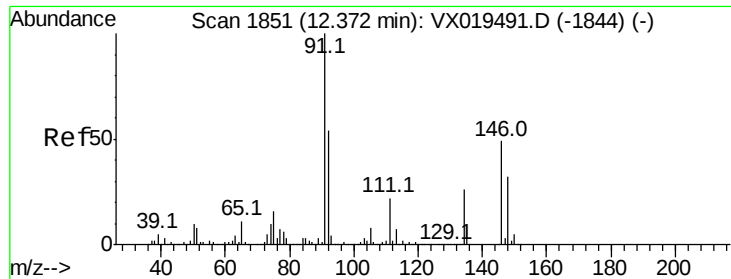
Tot Ion: 91 Resp: 182352
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.6
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 18.356 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion: 117 Resp: 34994
Ion Ratio Lower Upper
117 100
201 79.7 39.4 118.2

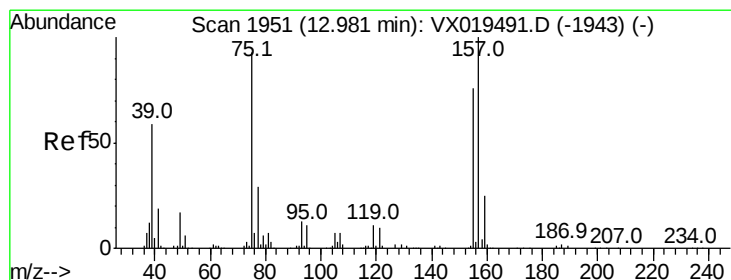
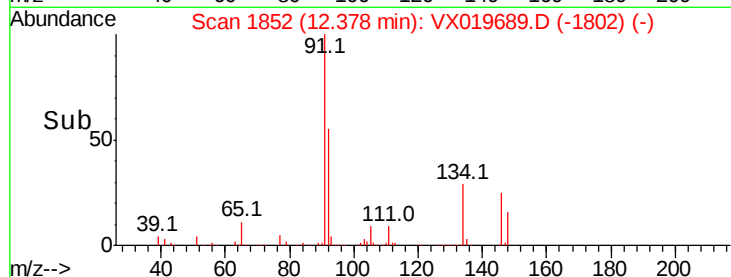
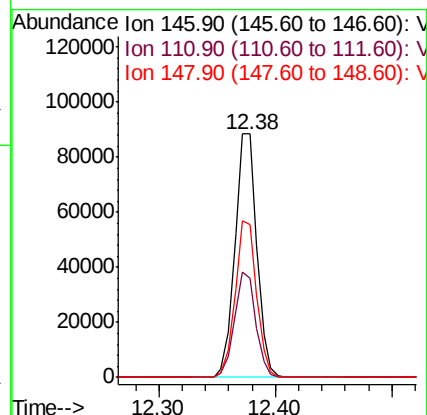
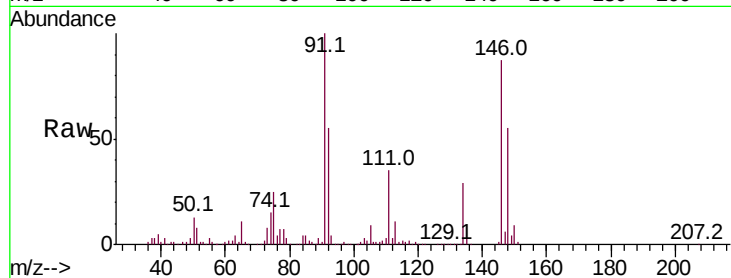




#91
 1,2-Dichlorobenzene
 Concen: 18.920 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

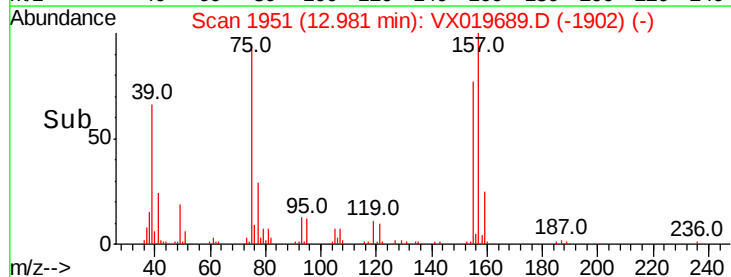
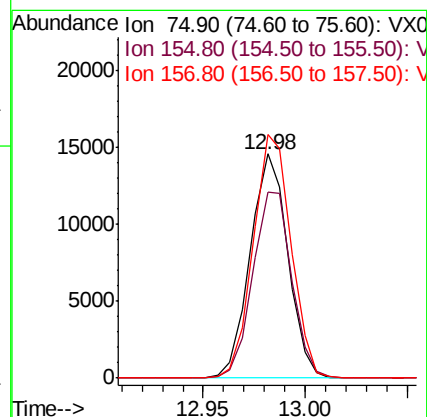
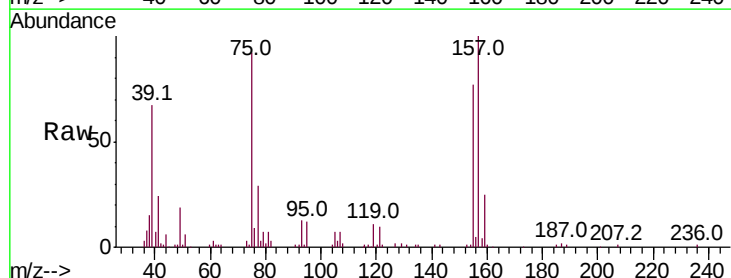
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

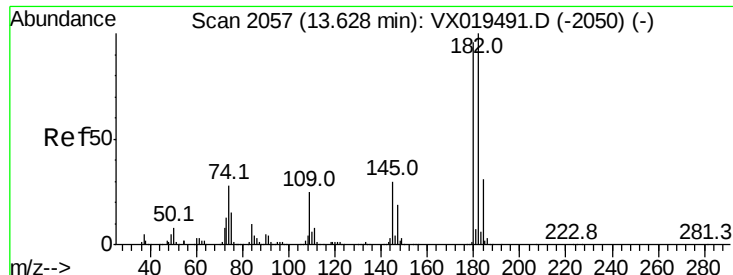
Tot Ion:146 Resp: 115787
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 62.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.667 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion: 75 Resp: 18648
 Ion Ratio Lower Upper
 75 100
 155 86.1 43.6 130.9
 157 109.3 57.0 170.8

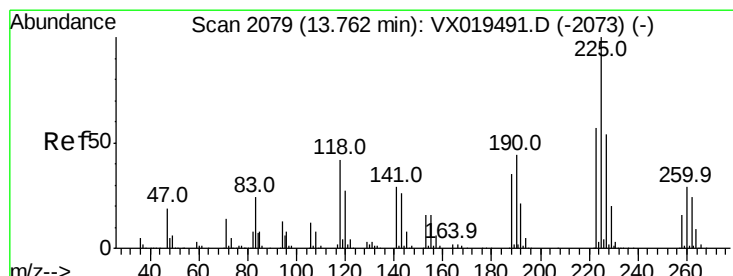
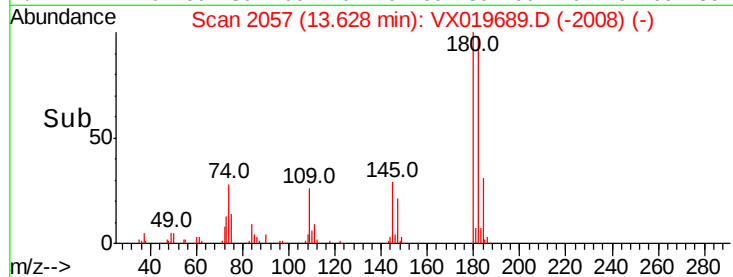
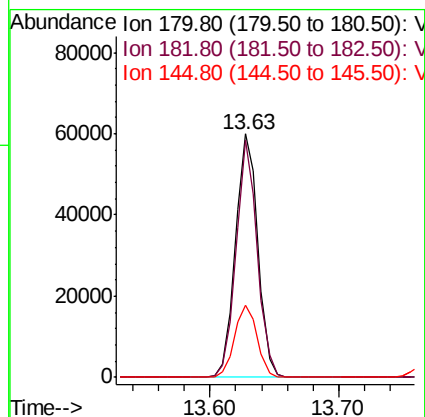
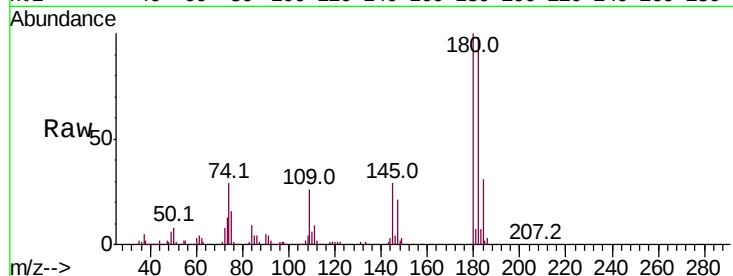




#93
 1,2,4-Trichlorobenzene
 Concen: 18.573 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

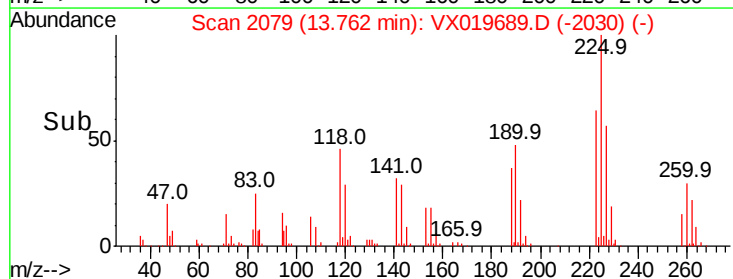
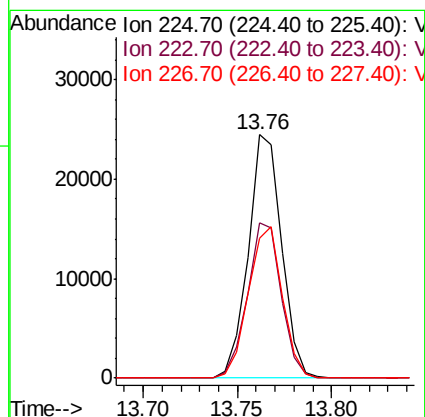
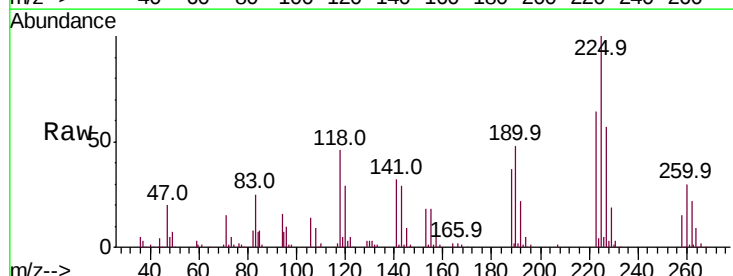
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

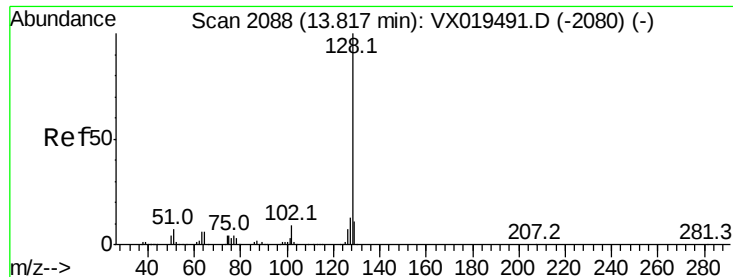
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	48.6	145.9
145	29.6	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 16.751 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019689.D
 Acq: 01 Dec 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.5	97.5
227	63.2	32.8	98.3

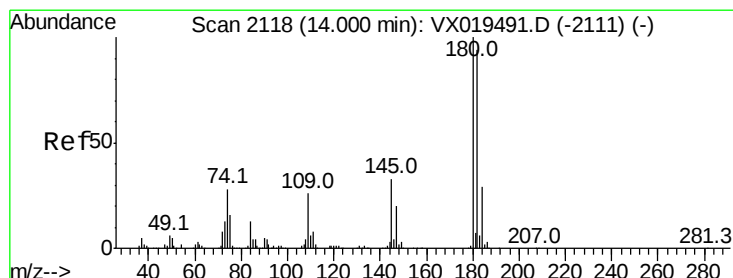
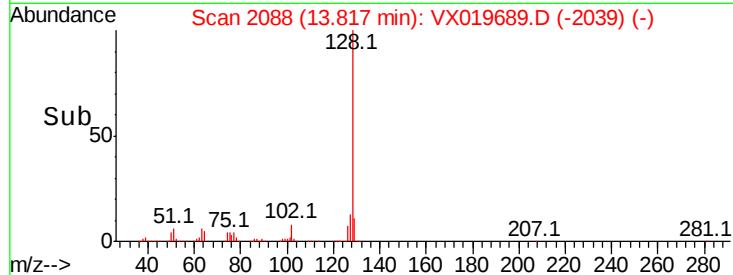
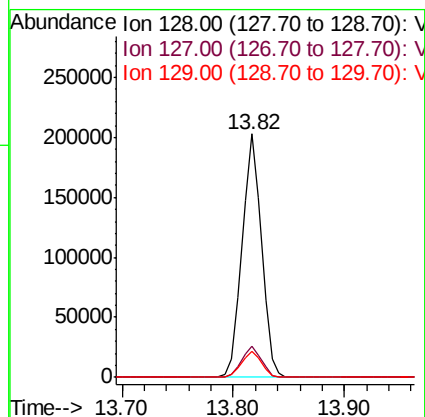
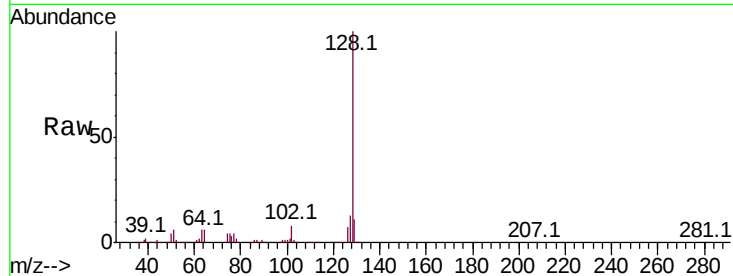




#95
Naphthalene
Concen: 19.111 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBSD01

Tot Ion:128 Resp: 245327
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: 18.494 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019689.D
Acq: 01 Dec 2020 12:50

Tgt Ion:180 Resp: 72682
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 32.9 16.6 49.8

