

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019120.D
 Acq On : 26 Oct 2020 15:30
 Operator : JC/SP
 Sample : VX1026WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

Quant Time: Oct 27 05:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	41461	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	231790	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	212541	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85714	31.04	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.47%
60) 4-Bromofluorobenzene	11.12	95	96253	30.17	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.57%
63) Toluene-d8	8.70	98	277525	29.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	36806	17.665	ug/l 100
3) Chloromethane	1.31	50	34110	18.118	ug/l 97
4) Vinyl Chloride	1.39	62	43462	17.614	ug/l 98
5) Bromomethane	1.64	94	42262	22.278	ug/l 98
6) Chloroethane	1.72	64	29926	17.897	ug/l 98
7) Trichlorofluoromethane	1.92	101	76424	17.787	ug/l 96
8) Diethyl Ether	2.17	74	31342	19.460	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39879	19.425	ug/l 99
10) 1,1-Dichloroethene	2.36	96	37054	17.754	ug/l 95
11) Methyl Iodide	2.49	142	37973	21.186	ug/l 97
12) Methyl Acetate	2.75	43	44087	21.338	ug/l 100
13) Acrolein	2.27	56	20373	107.089	ug/l 100
14) Acrylonitrile	3.11	53	97997	100.958	ug/l 99
15) Acetone	2.42	58	31666	113.881	ug/l 91
16) Carbon Disulfide	2.55	76	88482	15.252	ug/l 100
17) Allyl chloride	2.70	41	50945	19.541	ug/l 96
18) Methylene Chloride	2.83	84	45893	19.281	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	43177	17.713	ug/l 97
20) Diisopropyl ether	3.82	45	104250	19.739	ug/l 92
21) 1,1-Dichloroethane	3.67	63	75275	19.413	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	53588	18.978	ug/l 99
23) tert-Butyl Alcohol	3.01	59	52727	112.044	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	129909	19.684	ug/l 100
25) Chloroform	5.17	83	82181	19.128	ug/l 96
26) Cyclohexane	5.54	56	52996	17.588	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	59119	18.080	ug/l 98
30) 2-Butanone	4.63	43	135967	104.375	ug/l 99
31) 2,2-Dichloropropane	4.55	77	69632	18.611	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	72189	18.368	ug/l 99
33) Carbon Tetrachloride	5.74	117	61320	17.979	ug/l 98
34) Benzene	6.11	78	179167	18.622	ug/l 99
35) Methacrylonitrile	5.00	41	28191	19.991	ug/l 96
36) 1,2-Dichloroethane	6.16	62	64002	19.392	ug/l 100
37) Trichloroethene	7.18	130	51715	18.700	ug/l 100
38) Methylcyclohexane	7.44	83	65300	17.816	ug/l 98
39) 1,2-Dichloropropane	7.49	63	43616	19.529	ug/l 98
40) Dibromomethane	7.63	93	33643	19.410	ug/l 98

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 VX1026WBSD01

Quant Time: Oct 27 05:17:57 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	65681	19.167	ug/l	99
42) Vinyl Acetate	3.78	43	499409	98.528	ug/l	100
43) Ethyl Acetate	4.79	43	53058	19.415	ug/l	98
44) Isopropyl Acetate	6.41	43	90643	19.808	ug/l	100
45) 1,4-Dioxane	7.73	88	20969	435.947	ug/l #	94
46) Methyl methacrylate	7.74	41	42709	19.719	ug/l	96
47) n-amyl Acetate	10.88	43	70831	19.297	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	73272	19.100	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	77522	18.990	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	50049	19.936	ug/l	98
51) Ethyl methacrylate	9.16	69	70183	19.159	ug/l	97
52) 1,3-Dichloropropane	9.35	76	80391	19.656	ug/l	99
53) Dibromochloromethane	9.56	129	51283	18.350	ug/l	96
54) 1,2-Dibromoethane	9.65	107	52451	19.227	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	189961	97.034	ug/l	99
56) Bromoform	10.84	173	36360	18.610	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	271732	101.381	ug/l	100
59) 2-Hexanone	9.47	43	204874	102.575	ug/l	99
61) Tetrachloroethene	9.32	164	49444	19.609	ug/l	96
62) Toluene	8.76	91	204298	18.289	ug/l	98
64) Chlorobenzene	10.12	112	130127	18.740	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	47099	18.650	ug/l	98
66) Ethyl Benzene	10.23	91	229413	18.733	ug/l	99
67) m/p-Xylenes	10.34	106	171921	36.810	ug/l	98
68) o-Xylene	10.68	106	84932	19.067	ug/l	98
69) Styrene	10.70	104	140137	18.672	ug/l	99
70) Isopropylbenzene	11.00	105	226890	18.944	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	73070	21.132	ug/l	99
72) 1,1,2,3-Trichloropropane	11.28	75	84049	27.030	ug/l	86
73) Bromobenzene	11.24	156	56217	19.205	ug/l	99
74) n-propylbenzene	11.34	91	257456	18.984	ug/l	100
75) 2-Chlorotoluene	11.40	91	148526	19.362	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	187949	19.339	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	23074	18.685	ug/l	91
78) 4-Chlorotoluene	11.49	91	177974	19.743	ug/l	100
79) tert-butylbenzene	11.75	119	183222	19.145	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	187765	19.435	ug/l	100
81) sec-Butylbenzene	11.93	105	221815	19.587	ug/l	100
82) p-Isopropyltoluene	12.05	119	204571	19.601	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	106326	20.324	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	104276	19.631	ug/l	98
85) n-Butylbenzene	12.37	91	183638	19.651	ug/l	99
86) Hexachloroethane	12.58	117	30510	19.033	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	102019	20.369	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15483	19.785	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	71221	19.760	ug/l	99
90) Hexachlorobutadiene	13.76	225	31096	20.348	ug/l	97
91) Naphthalene	13.82	128	225514	19.113	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	67144	19.366	ug/l	97

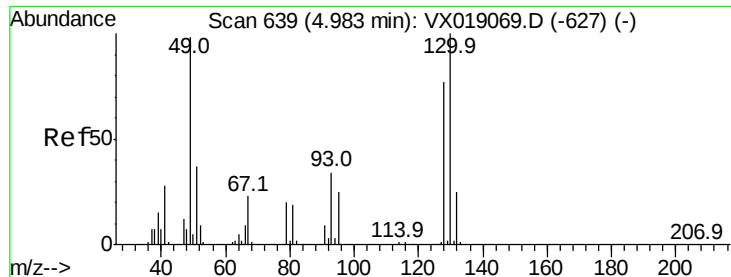
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
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Quant Time: Oct 27 05:17:57 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

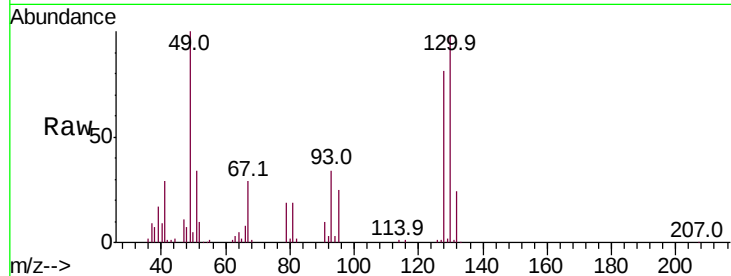
Tot Ion:128 Resp: 41461

Ion Ratio Lower Upper

128 100

49 127.1 0.0 318.8

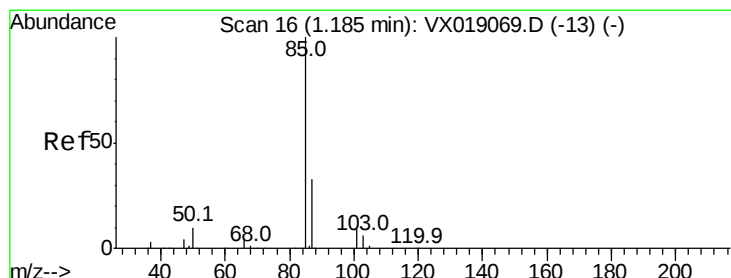
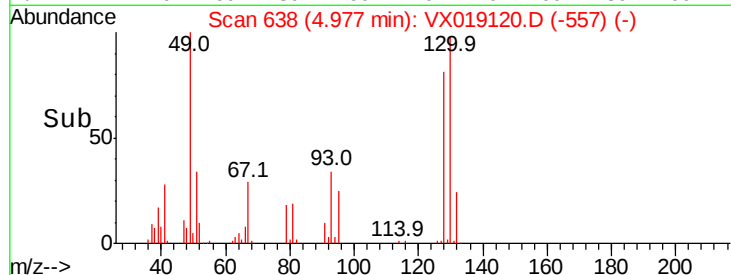
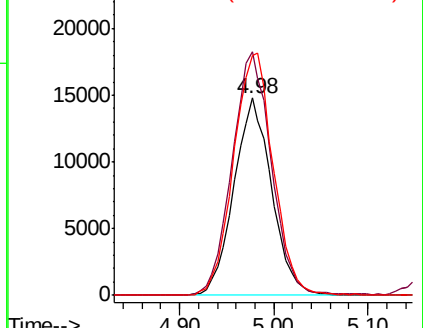
130 128.9 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.665 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019120.D

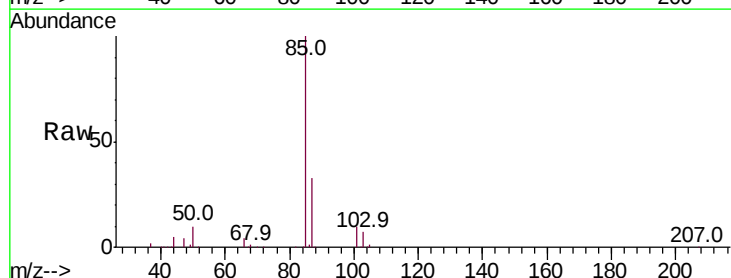
Acq: 26 Oct 2020 15:30

Tgt Ion: 85 Resp: 36806

Ion Ratio Lower Upper

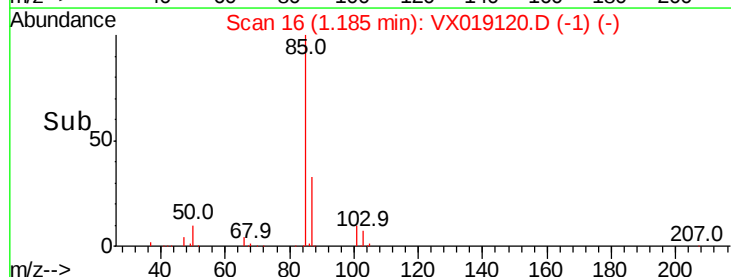
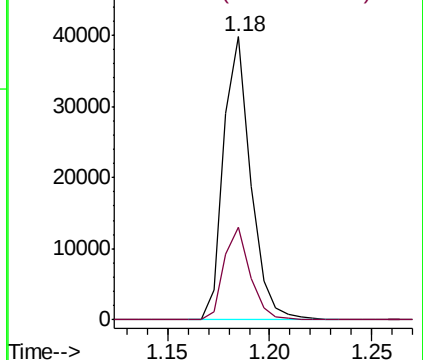
85 100

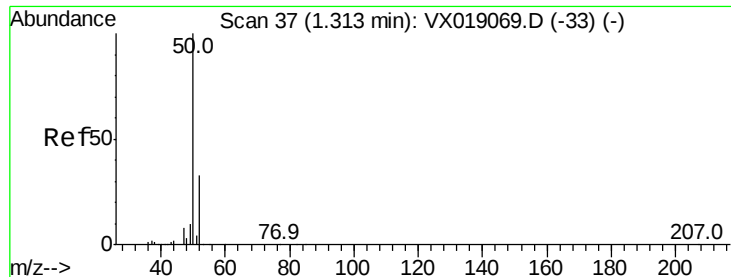
87 32.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.118 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

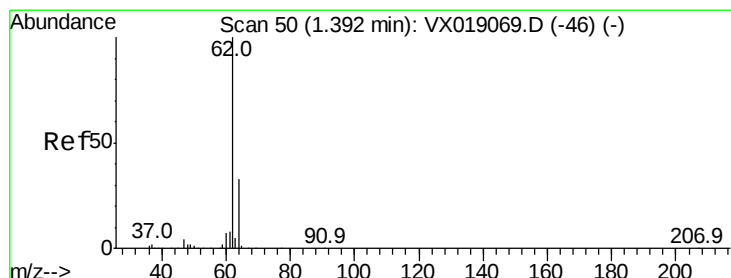
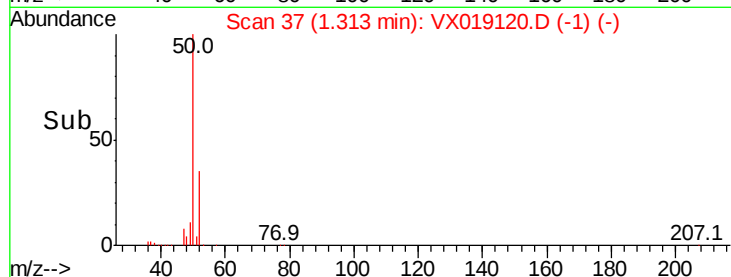
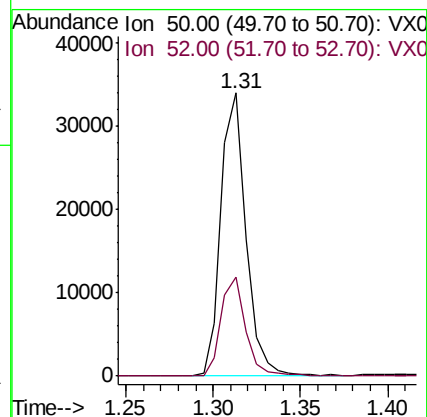
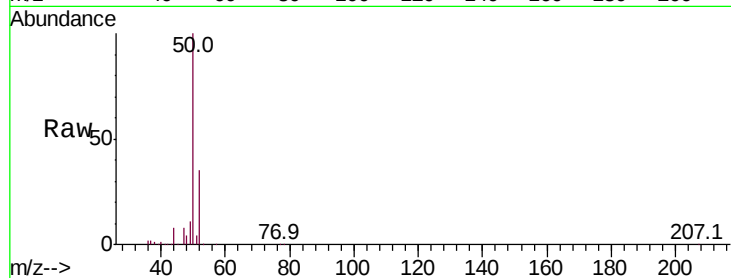
VX1026WBSD01

Tot Ion: 50 Resp: 34110

Ion Ratio Lower Upper

50 100

52 34.9 26.7 40.1



#4

Vinyl Chloride

Concen: 17.614 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019120.D

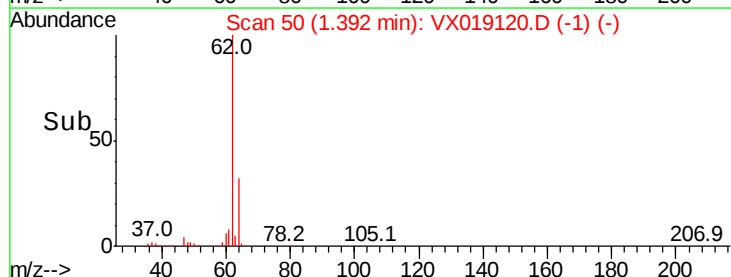
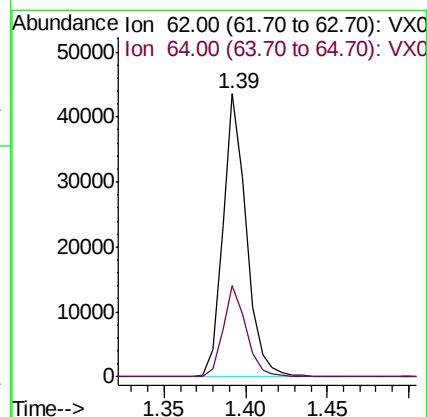
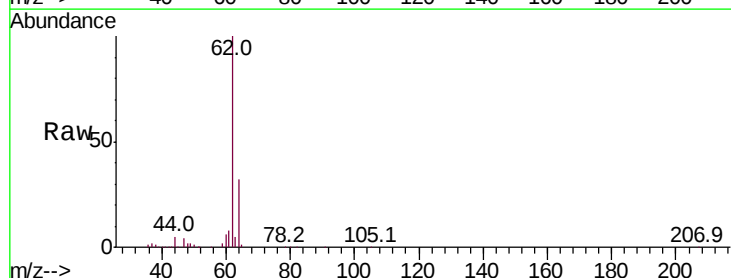
Acq: 26 Oct 2020 15:30

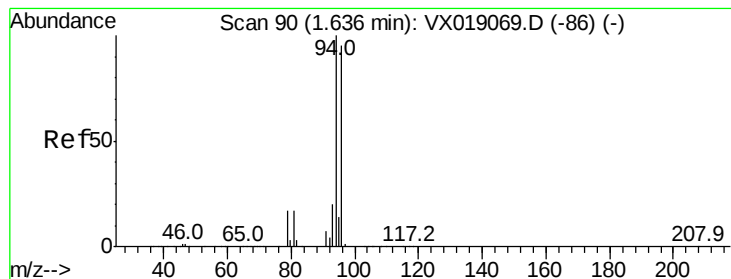
Tgt Ion: 62 Resp: 43462

Ion Ratio Lower Upper

62 100

64 32.4 26.7 40.1





#5

Bromomethane

Concen: 22.278 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

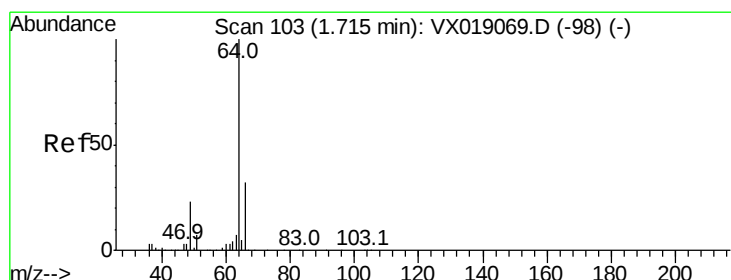
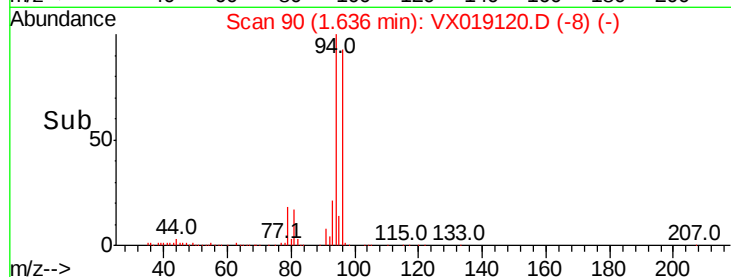
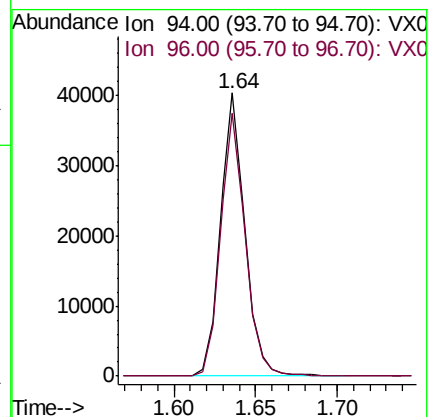
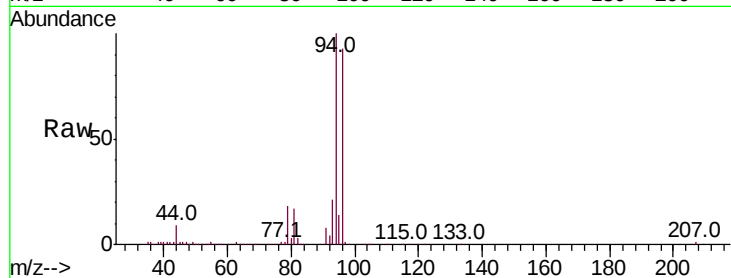
VX1026WBSD01

Tot Ion: 94 Resp: 42262

Ion Ratio Lower Upper

94 100

96 93.0 76.2 114.2



#6

Chloroethane

Concen: 17.897 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019120.D

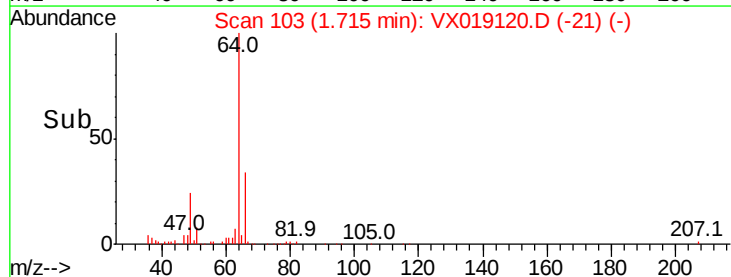
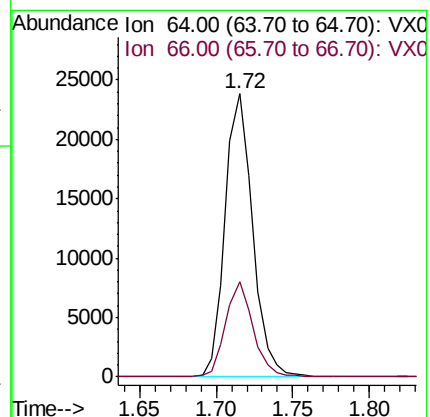
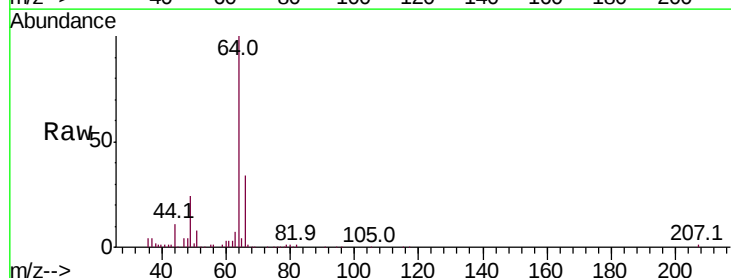
Acq: 26 Oct 2020 15:30

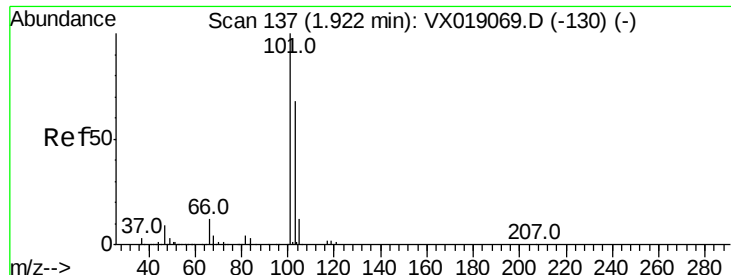
Tgt Ion: 64 Resp: 29926

Ion Ratio Lower Upper

64 100

66 33.6 25.9 38.9



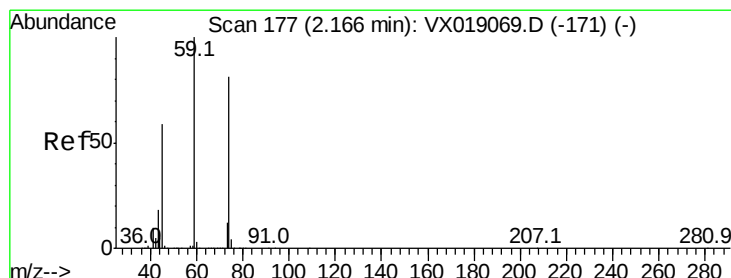
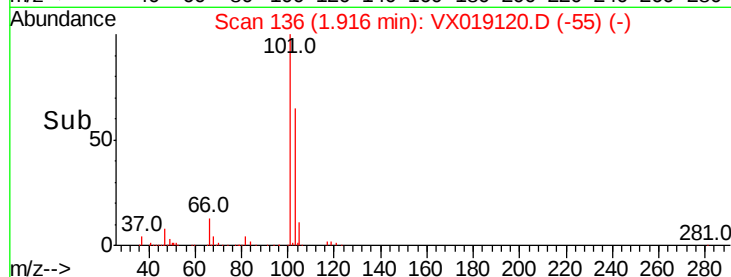
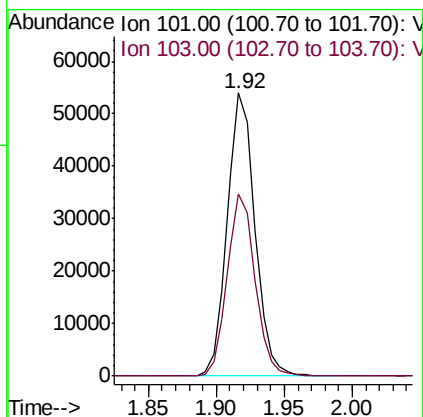
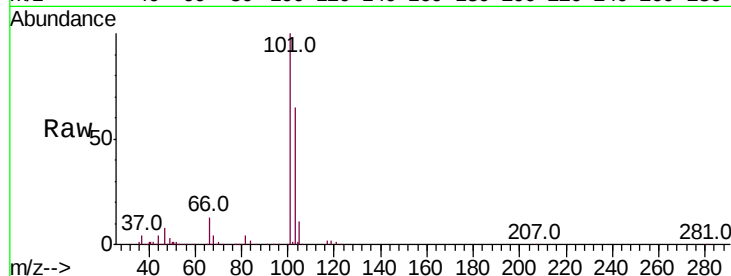


#7

Trichlorofluoromethane
 Concen: 17.787 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

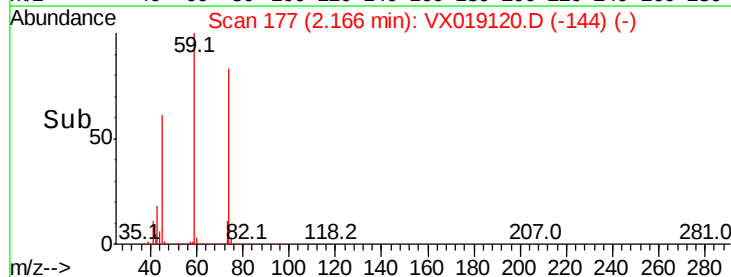
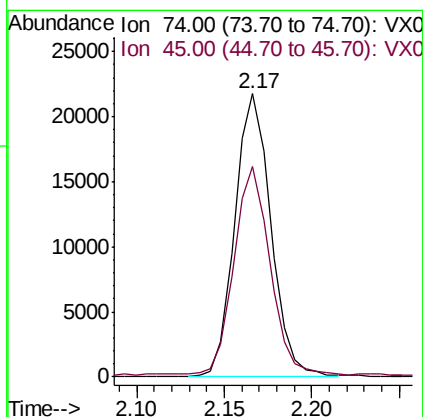
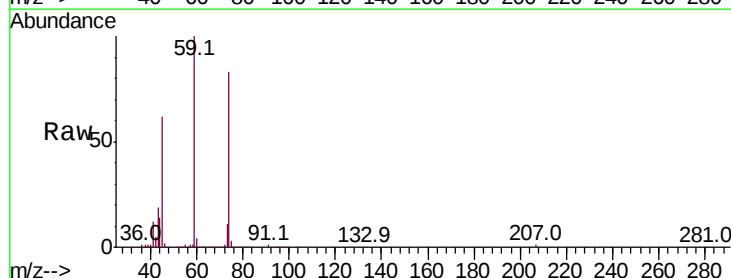
Tot Ion:101 Resp: 76424
 Ion Ratio Lower Upper
 101 100
 103 64.6 54.2 81.4

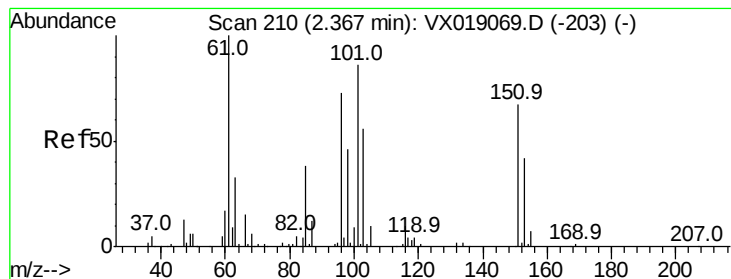


#8

Diethyl Ether
 Concen: 19.460 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion: 74 Resp: 31342
 Ion Ratio Lower Upper
 74 100
 45 74.1 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.425 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

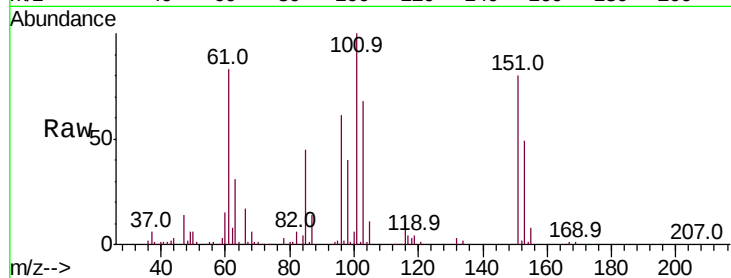
Tot Ion:101 Resp: 39879

Ion Ratio Lower Upper

101 100

85 42.2 0.0 87.0

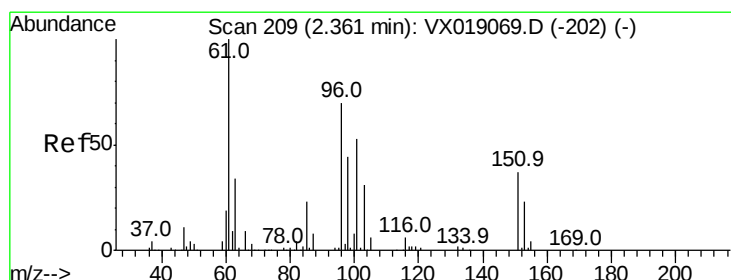
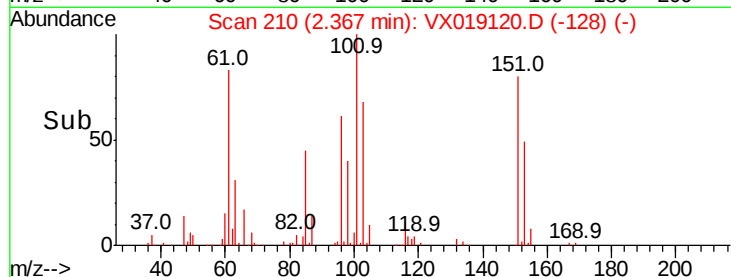
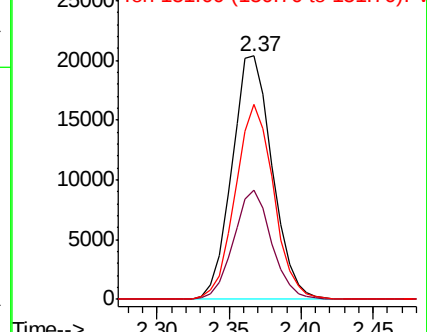
151 75.8 0.0 151.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.754 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

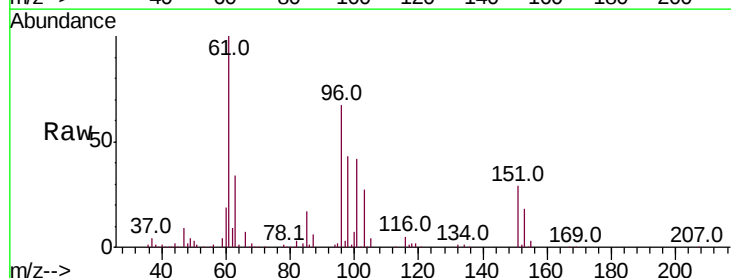
Tgt Ion: 96 Resp: 37054

Ion Ratio Lower Upper

96 100

61 149.7 113.8 170.8

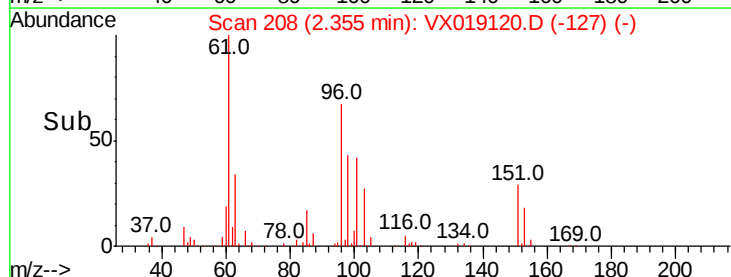
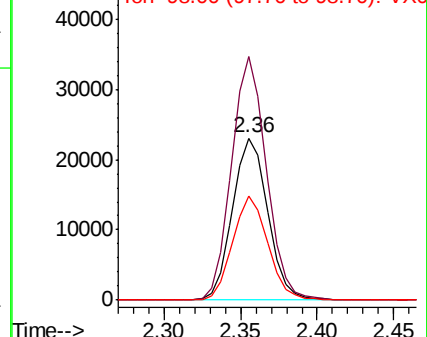
98 64.2 50.4 75.6

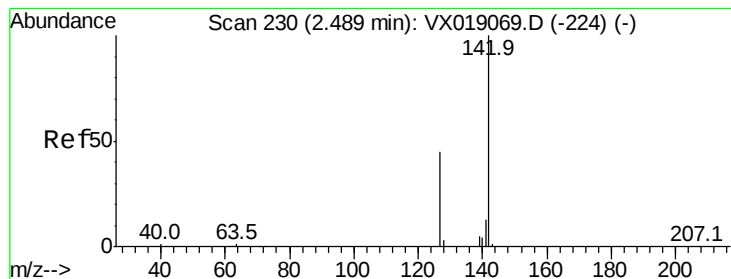


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 21.186 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

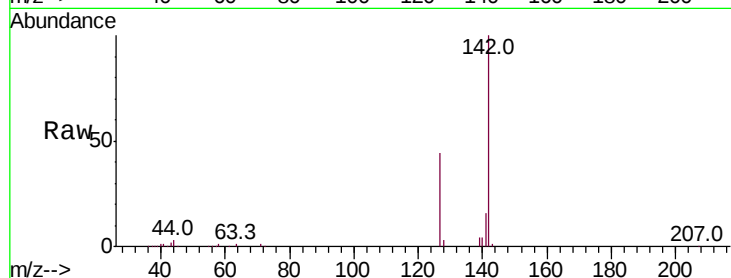
Tot Ion:142 Resp: 37973

Ion Ratio Lower Upper

142 100

127 44.0 22.6 67.7

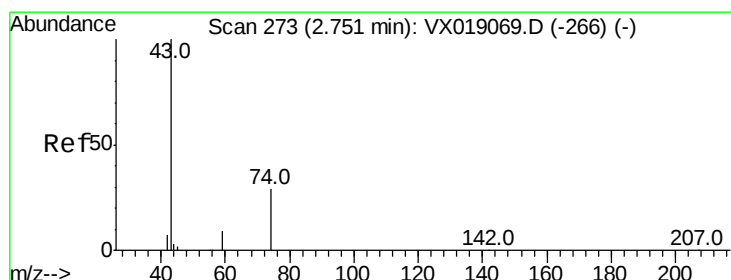
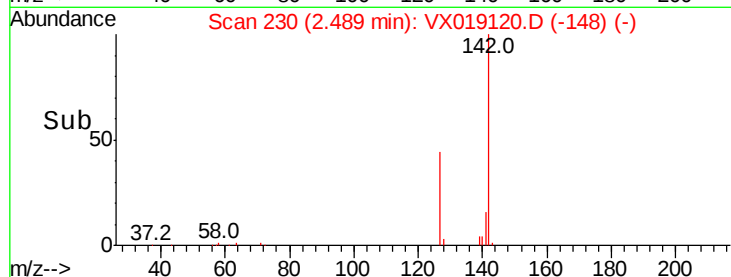
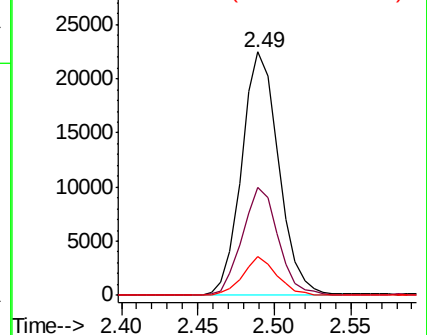
141 15.8 6.3 19.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 21.338 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019120.D

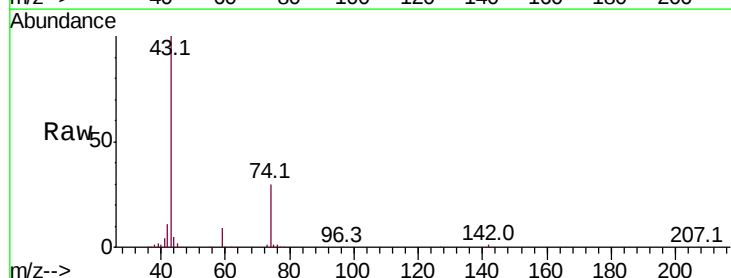
Acq: 26 Oct 2020 15:30

Tgt Ion: 43 Resp: 44087

Ion Ratio Lower Upper

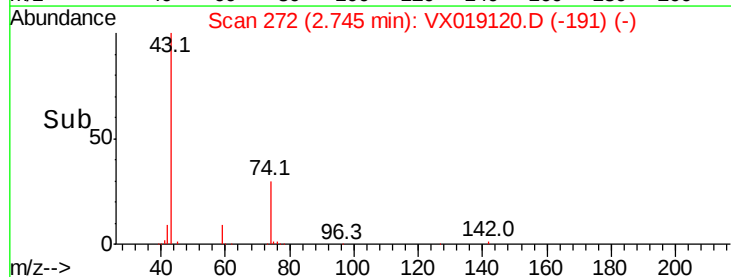
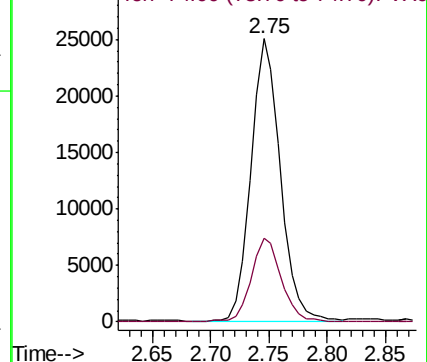
43 100

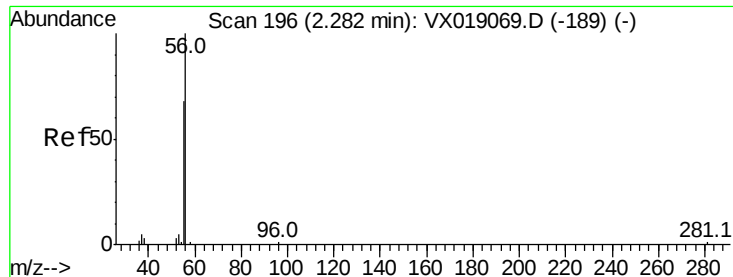
74 29.7 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 107.089 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

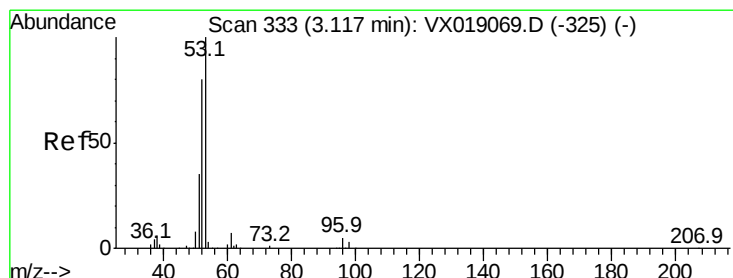
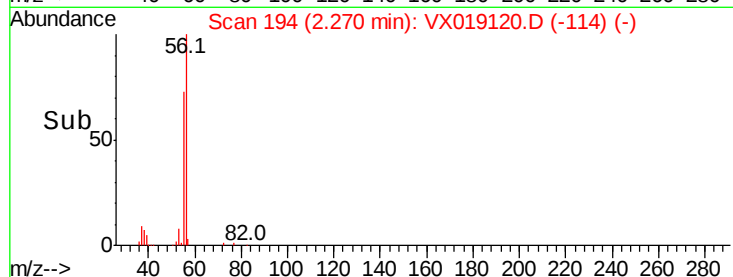
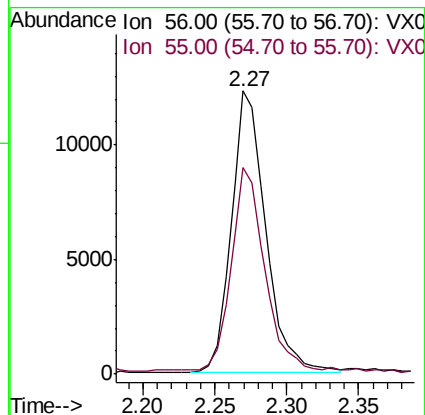
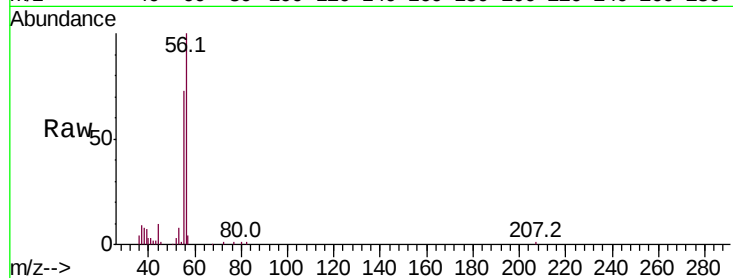
VX1026WBSD01

Tot Ion: 56 Resp: 20373

Ion Ratio Lower Upper

56 100

55 72.7 58.2 87.2



#14

Acrylonitrile

Concen: 100.958 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

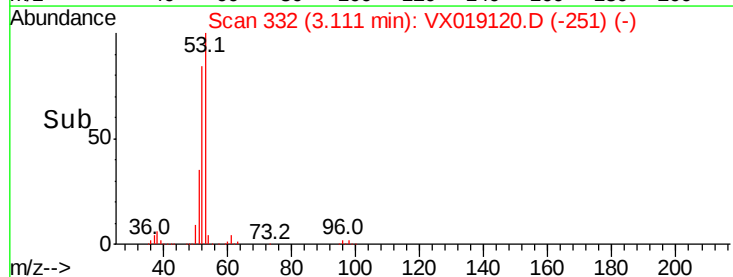
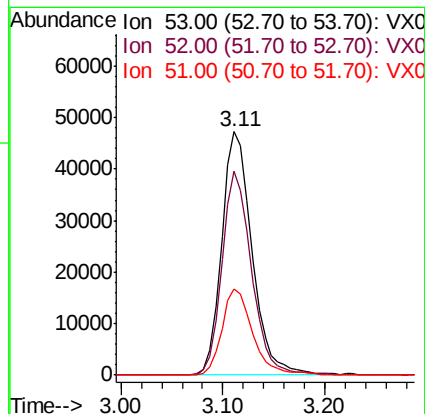
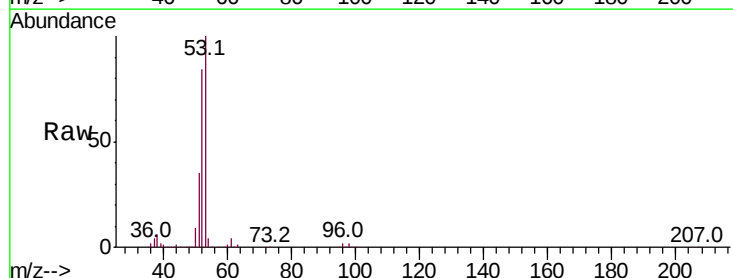
Tgt Ion: 53 Resp: 97997

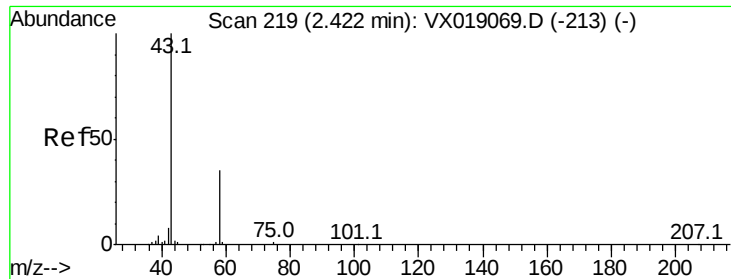
Ion Ratio Lower Upper

53 100

52 81.4 41.0 123.0

51 35.8 18.2 54.6





#15

Acetone

Concen: 113.881 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

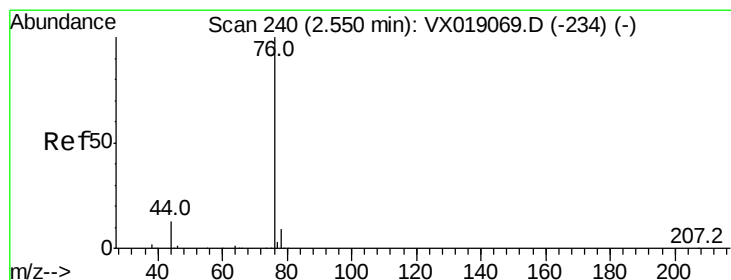
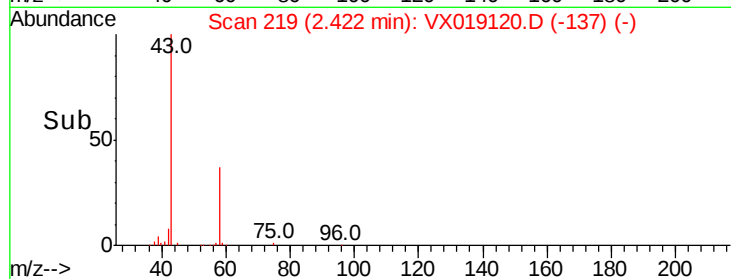
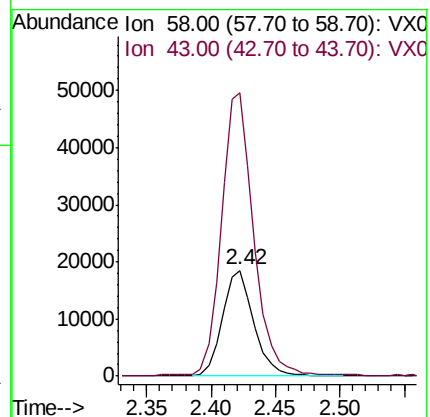
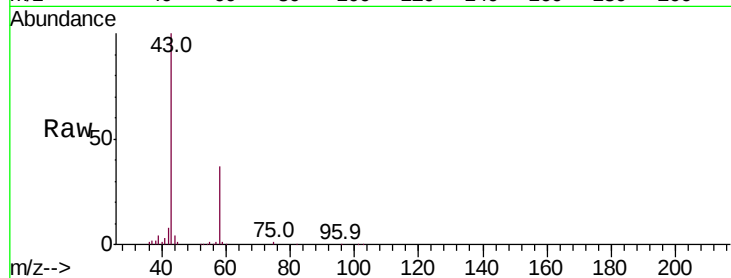
VX1026WBSD01

Tot Ion: 58 Resp: 31666

Ion Ratio Lower Upper

58 100

43 266.7 226.7 340.1



#16

Carbon Disulfide

Concen: 15.252 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019120.D

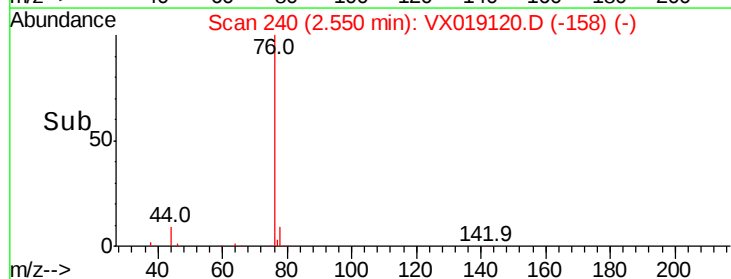
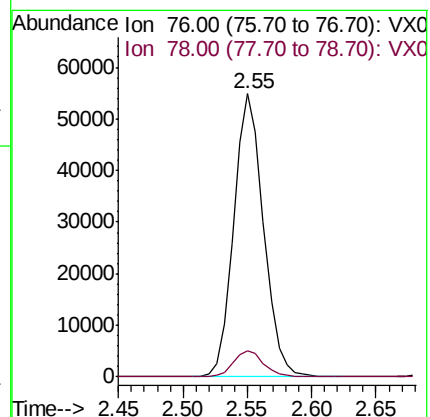
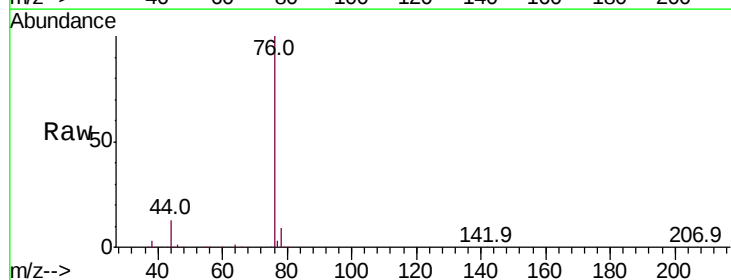
Acq: 26 Oct 2020 15:30

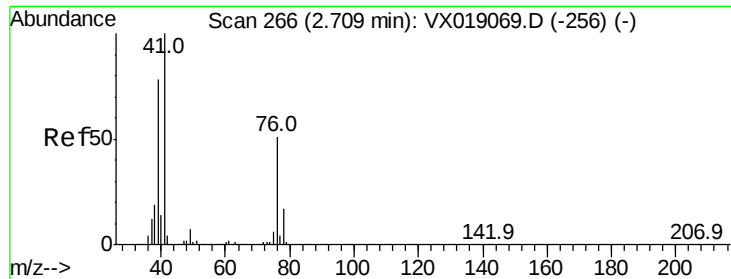
Tgt Ion: 76 Resp: 88482

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#17

Allvl chloride

Concen: 19.541 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

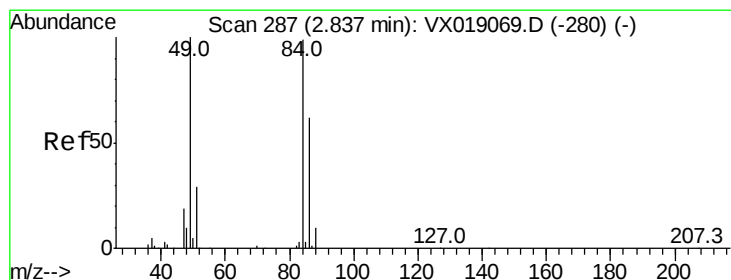
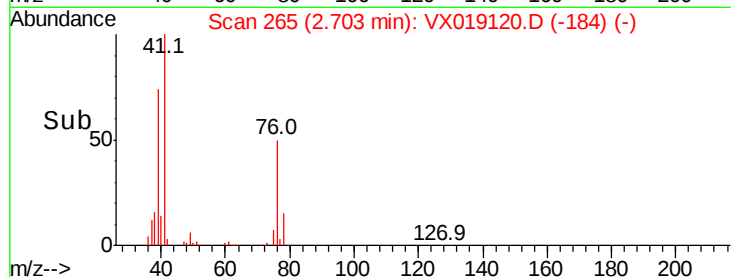
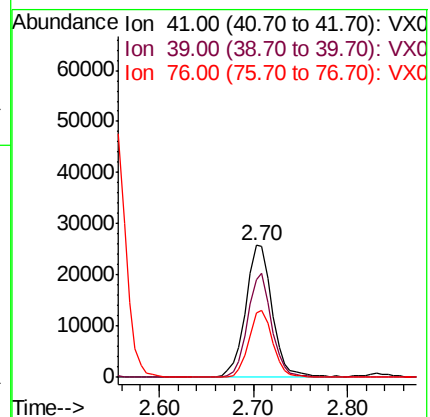
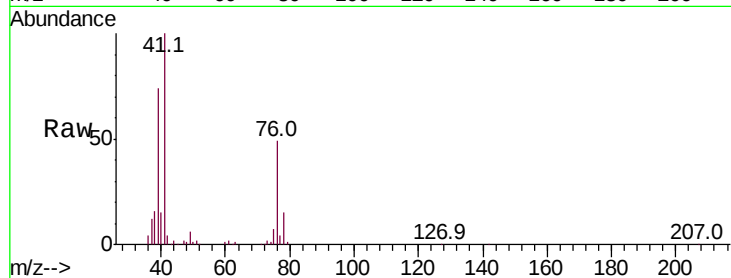
Tot Ion: 41 Resp: 50945

Ion Ratio Lower Upper

41 100

39 73.8 38.8 116.3

76 49.3 25.8 77.4



#18

Methylene Chloride

Concen: 19.281 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Tgt Ion: 84 Resp: 45893

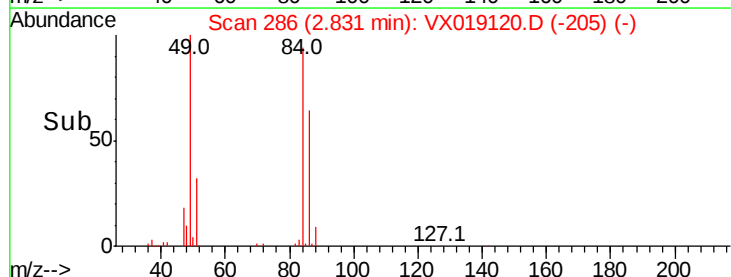
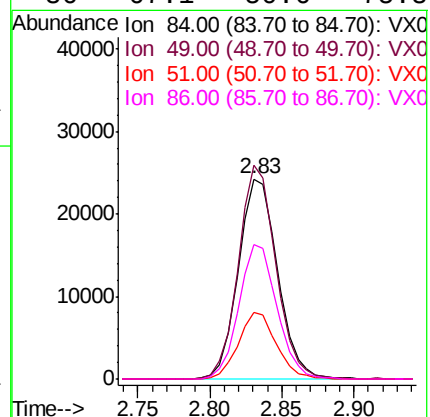
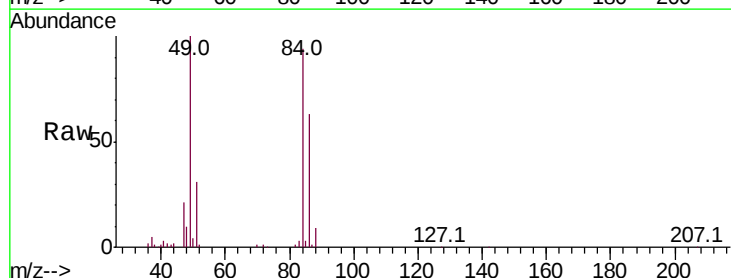
Ion Ratio Lower Upper

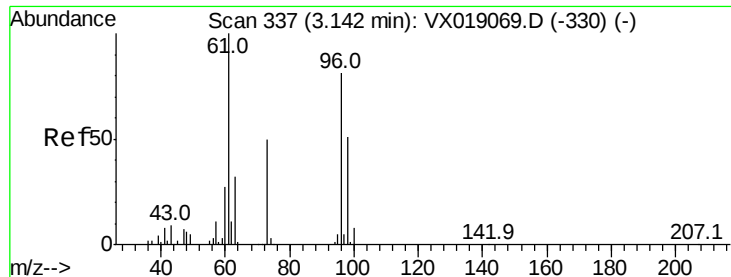
84 100

49 106.5 80.9 121.3

51 33.4 23.8 35.6

86 67.1 50.6 75.8

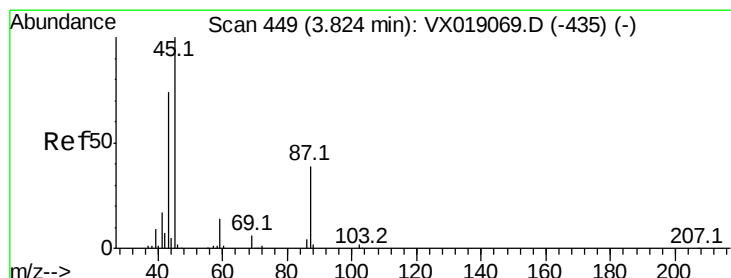
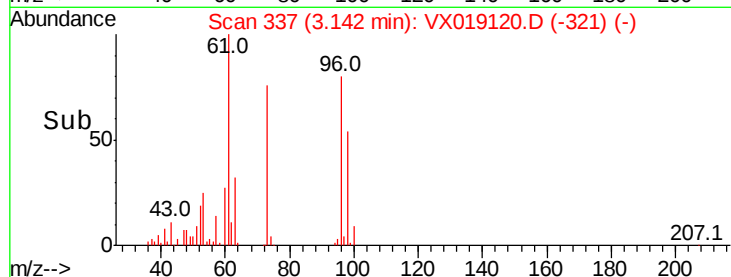
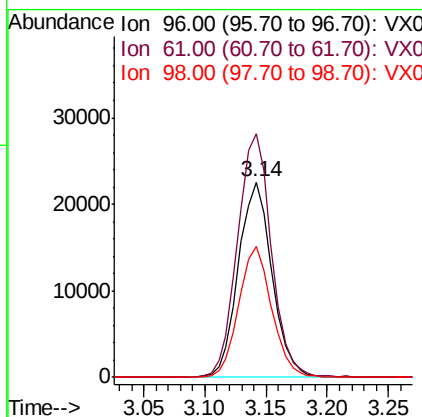
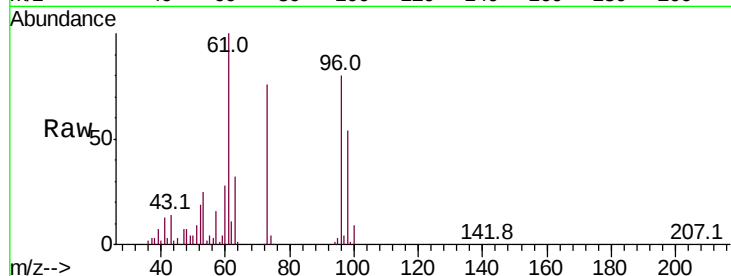




#19
trans-1,2-Dichloroethene
Concen: 17.713 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

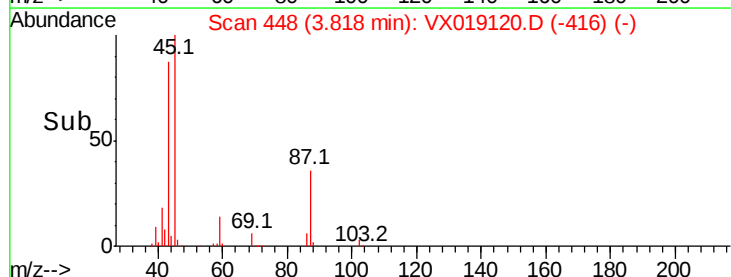
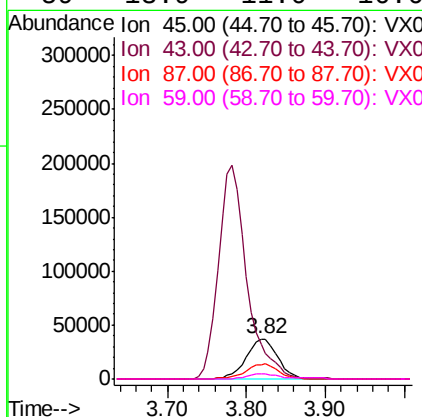
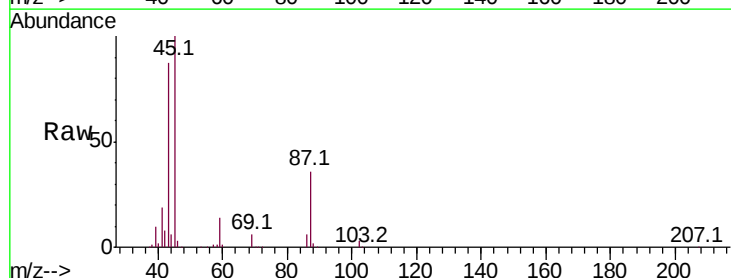
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

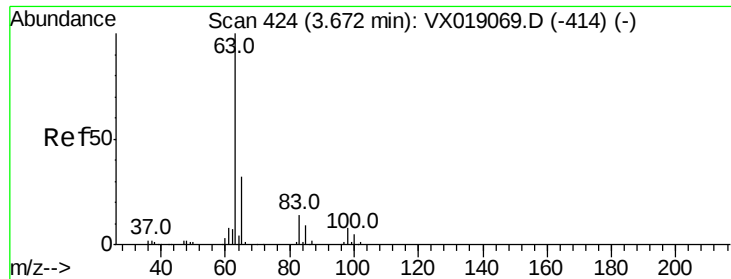
Tot Ion: 96 Resp: 43177
Ion Ratio Lower Upper
96 100
61 124.8 98.4 147.6
98 67.0 49.9 74.9



#20
Diisopropyl ether
Concen: 19.739 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 45 Resp: 104250
Ion Ratio Lower Upper
45 100
43 86.0 60.6 91.0
87 36.0 30.9 46.3
59 13.9 11.0 16.6

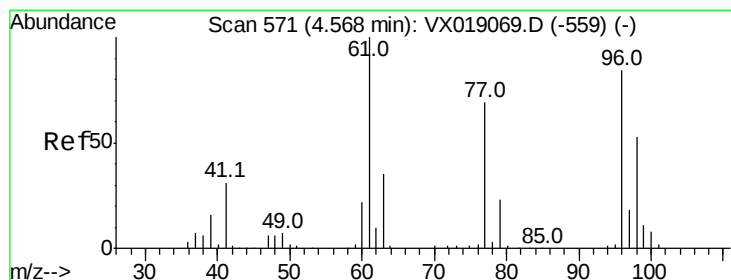
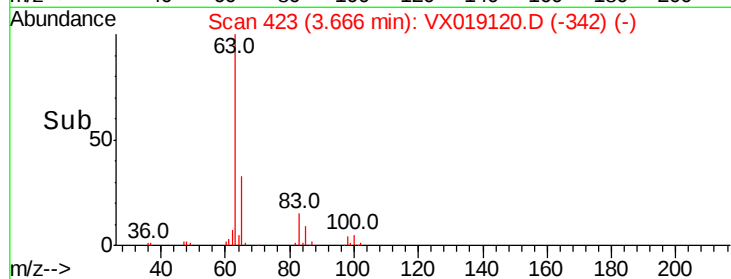
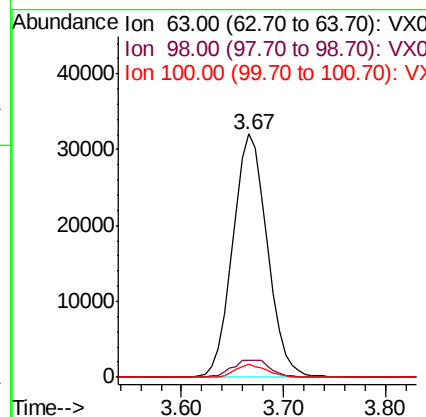
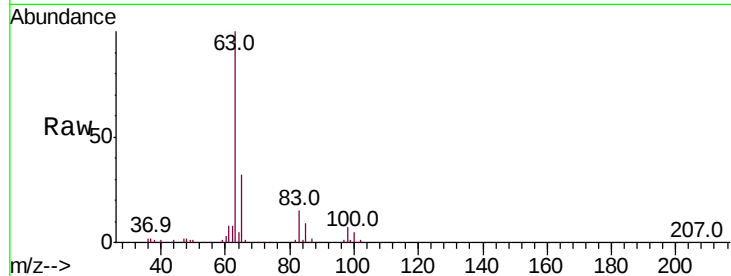




#21
 1,1-Dichloroethane
 Concen: 19.413 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

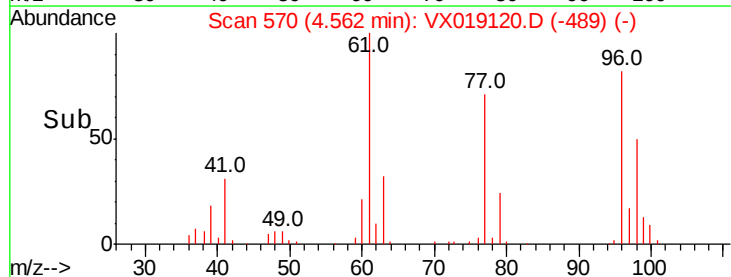
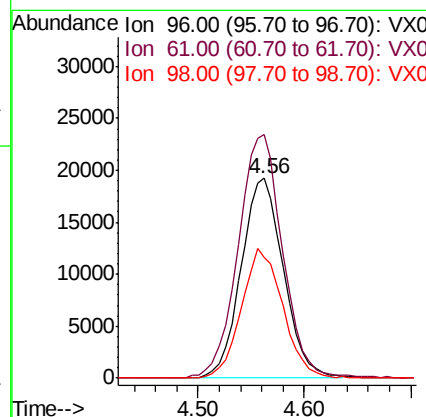
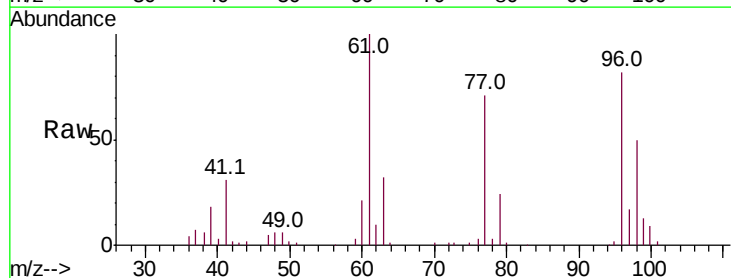
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

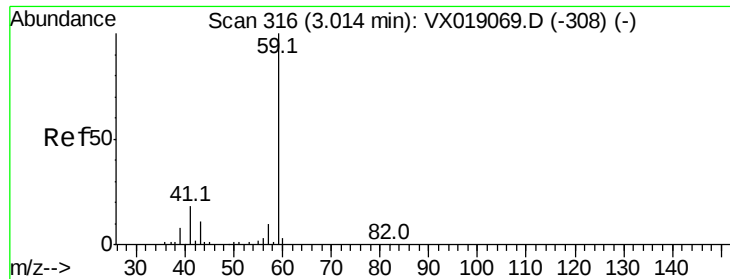
Tot Ion:	63	Resp:	75275
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.9	11.7
100	5.2	2.4	7.2



#22
 cis-1,2-Dichloroethene
 Concen: 18.978 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion:	96	Resp:	53588
Ion	Ratio	Lower	Upper
96	100		
61	127.0	101.9	152.9
98	63.3	51.3	76.9



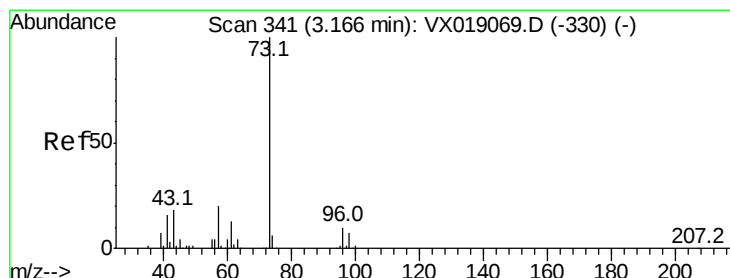
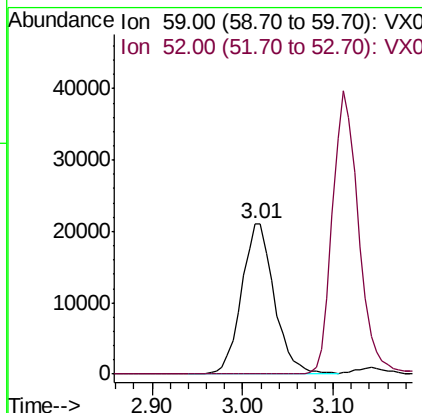
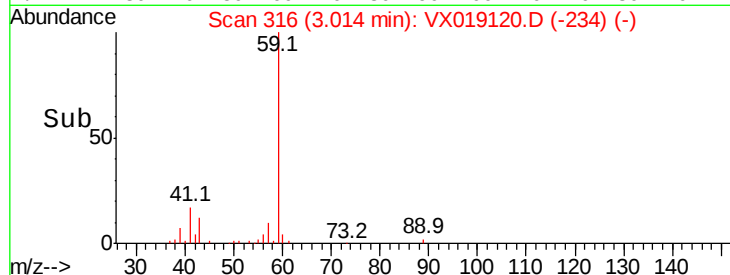
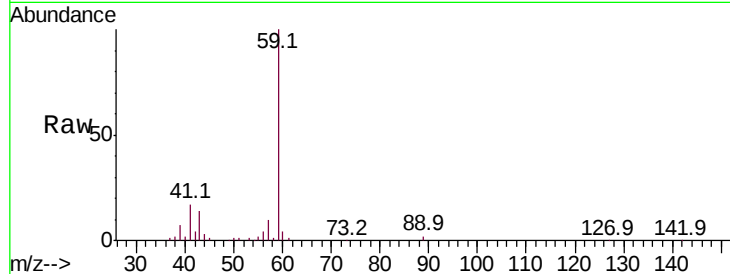


#23

tert-Butyl Alcohol
Concen: 112.044 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

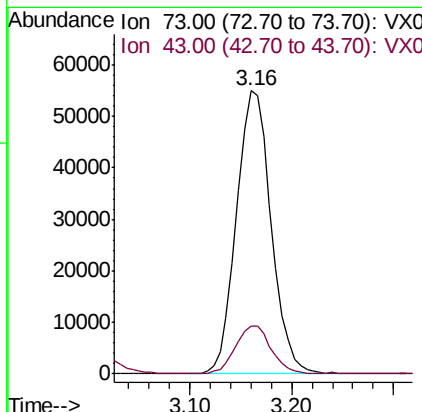
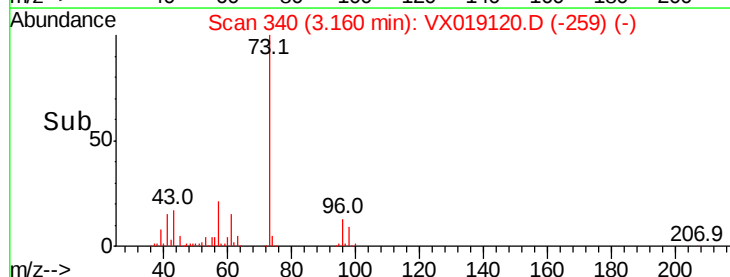
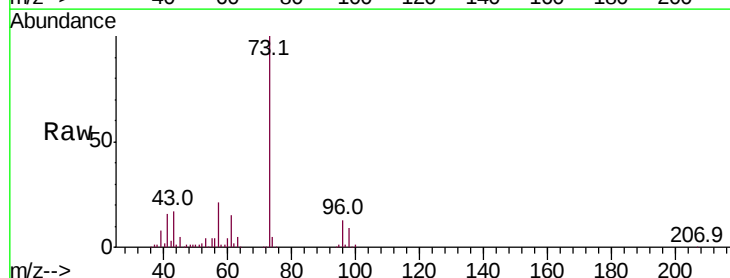
Tot Ion: 59 Resp: 52727
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4#

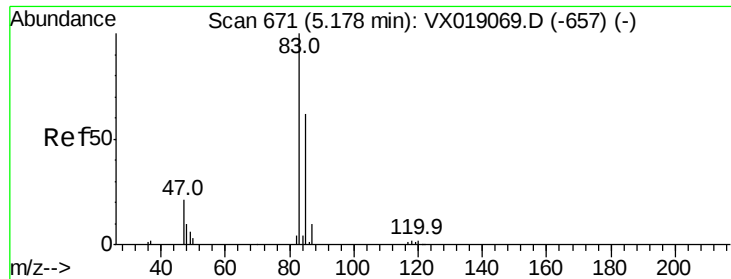


#24

Methyl tert-Butyl Ether
Concen: 19.684 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 73 Resp: 129909
Ion Ratio Lower Upper
73 100
43 17.3 13.9 20.9

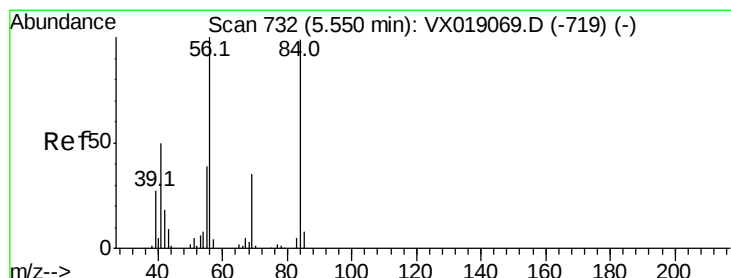
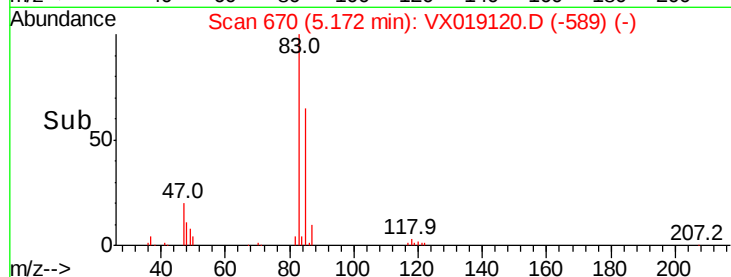
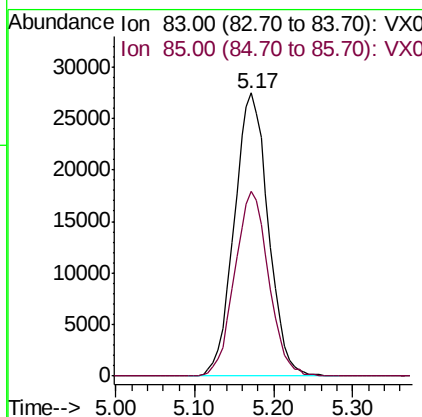
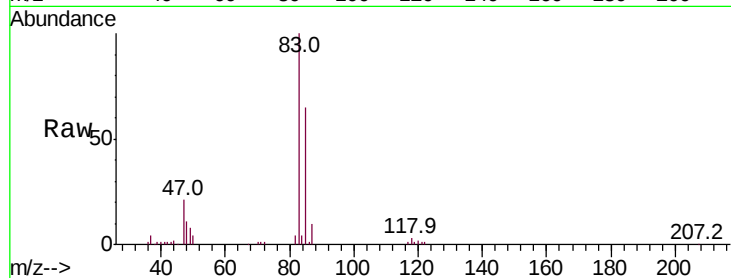




#25
Chloroform
Concen: 19.128 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

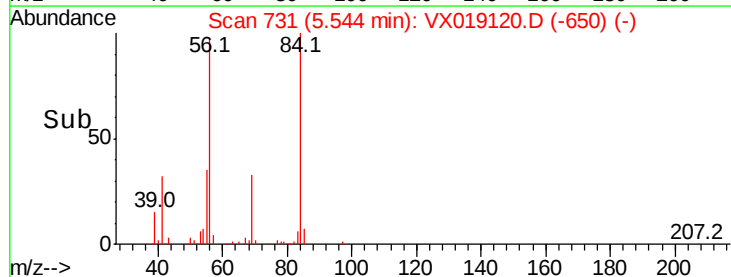
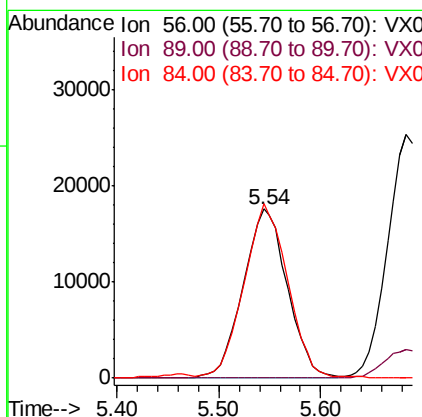
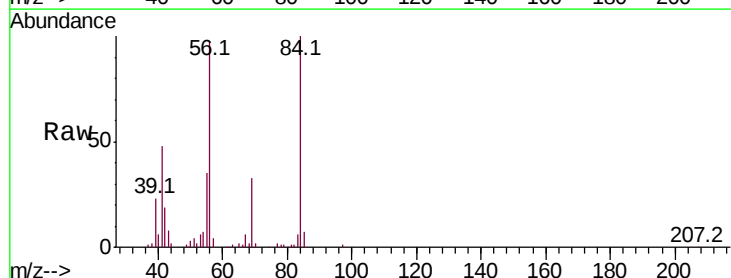
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

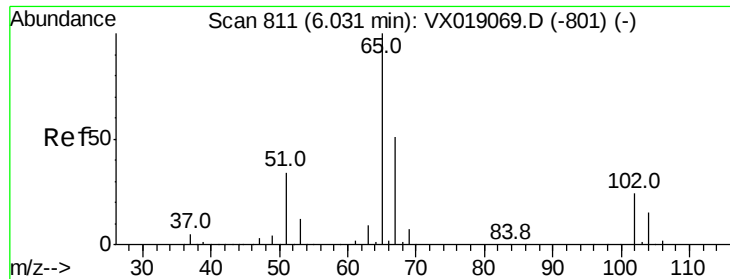
Tot Ion: 83 Resp: 82181
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.8



#26
Cyclohexane
Concen: 17.588 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 56 Resp: 52996
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 100.6 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 31.038 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

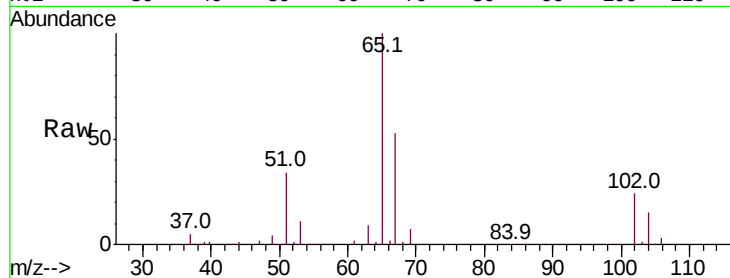
VX1026WBSD01

Tot Ion: 65 Resp: 85714

Ion Ratio Lower Upper

65 100

67 51.8 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

30000

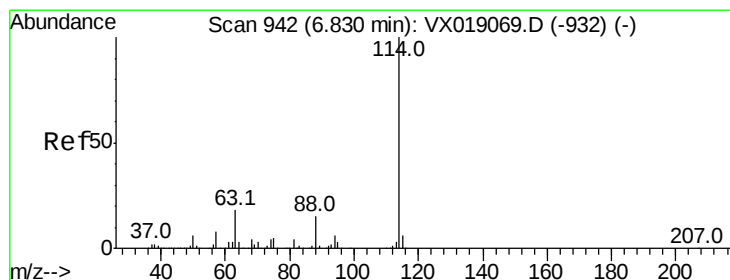
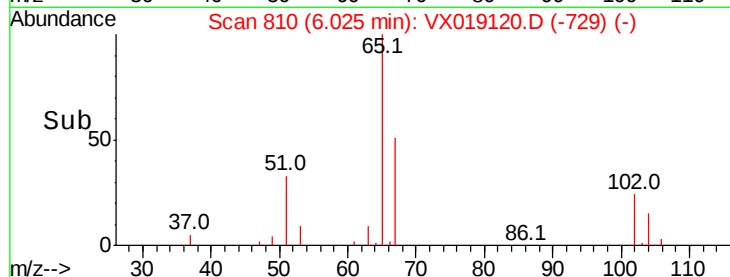
20000

10000

0

Time-->

5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

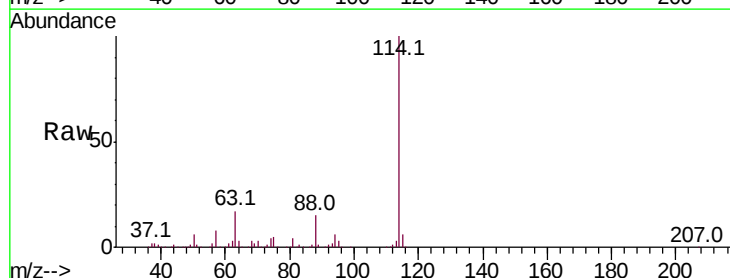
Tgt Ion: 114 Resp: 231790

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

88 15.4 12.2 18.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

120000

100000

80000

60000

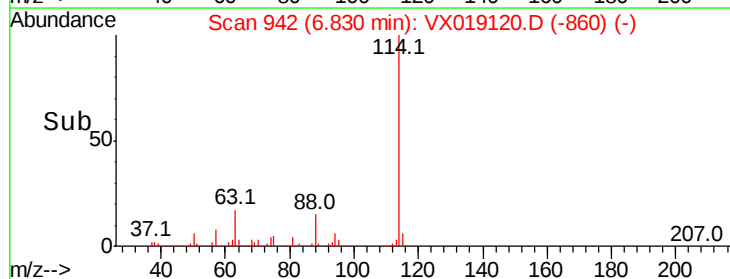
40000

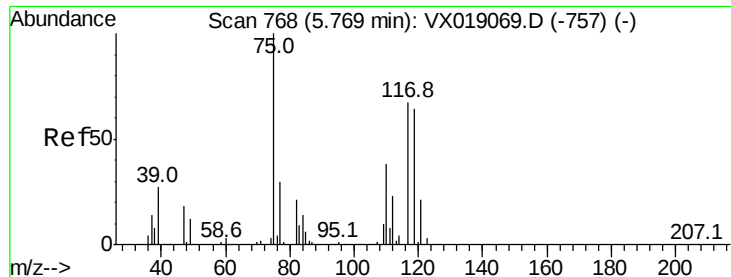
20000

0

Time-->

6.70 6.80 6.90





#29

1,1-Dichloropropene

Concen: 18.080 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

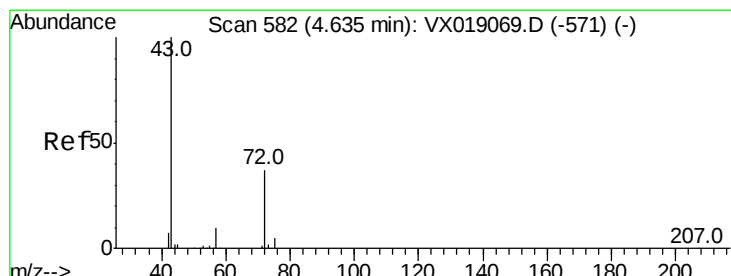
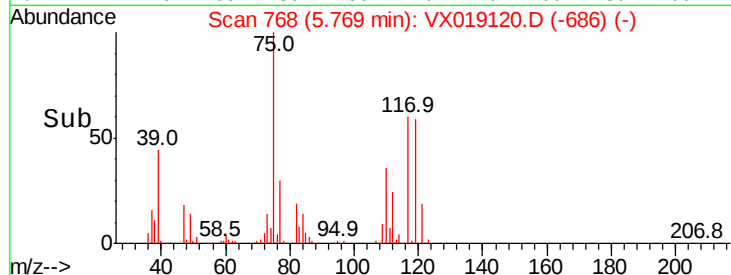
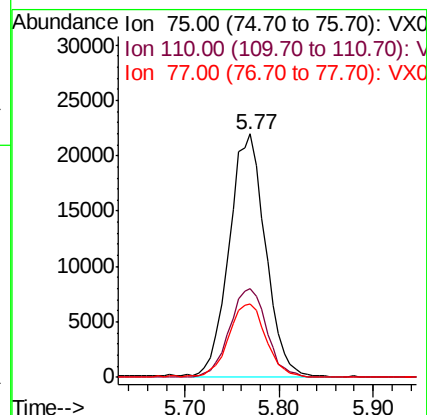
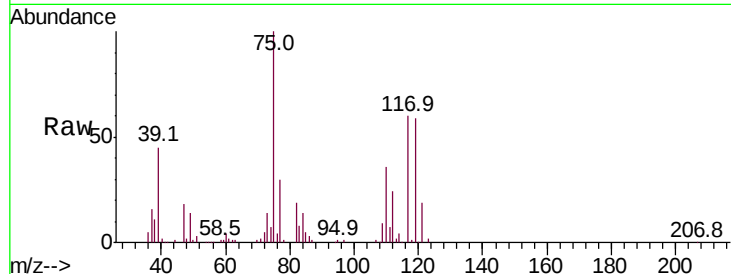
Tot Ion: 75 Resp: 59119

Ion Ratio Lower Upper

75 100

110 37.1 0.0 77.4

77 31.0 0.0 62.8



#30

2-Butanone

Concen: 104.375 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

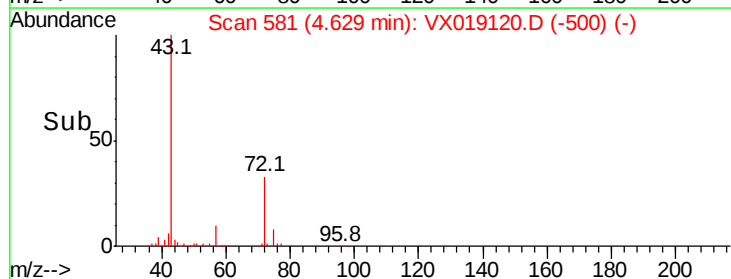
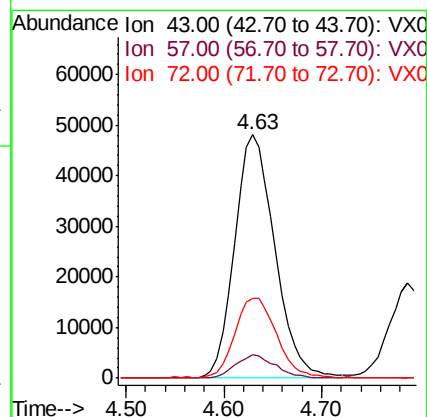
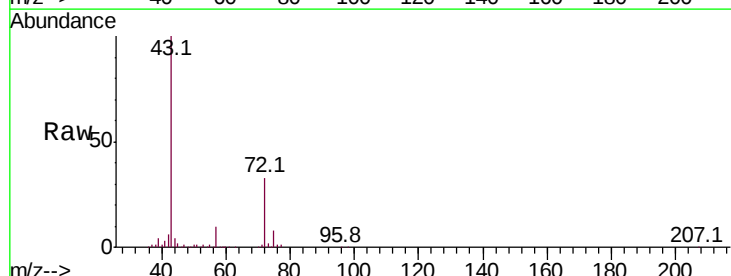
Tgt Ion: 43 Resp: 135967

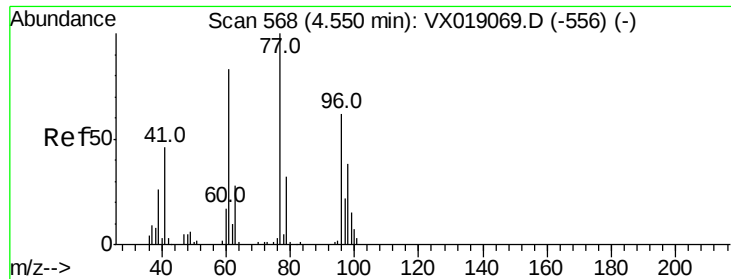
Ion Ratio Lower Upper

43 100

57 9.7 7.8 11.6

72 34.6 28.1 42.1





#31

2,2-Dichloropropane

Concen: 18.611 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

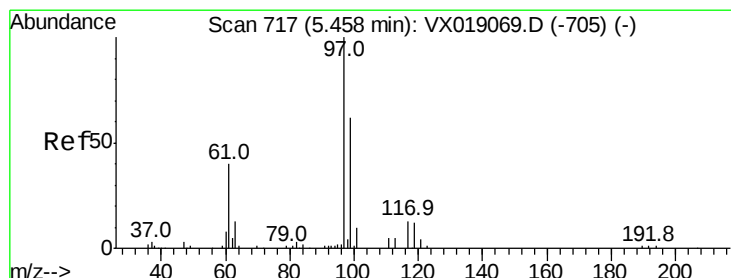
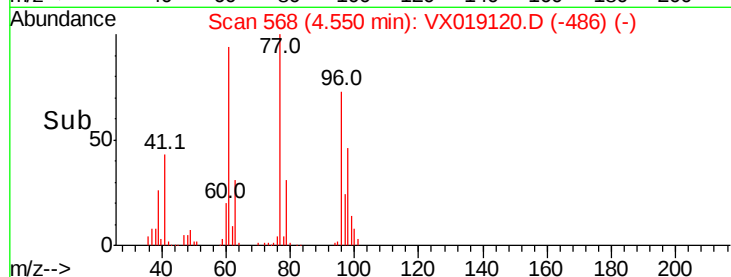
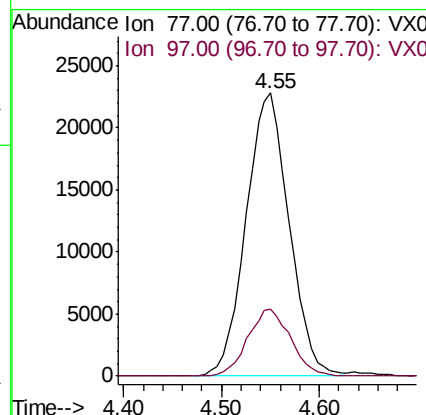
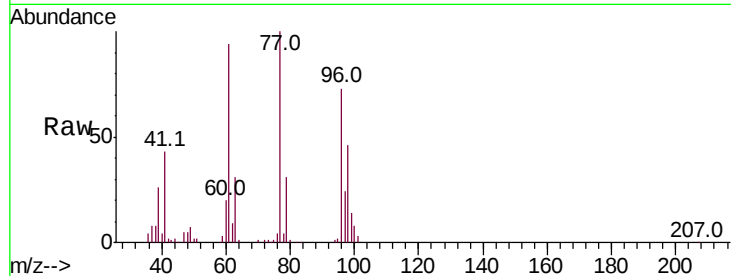
VX1026WBSD01

Tot Ion: 77 Resp: 69632

Ion Ratio Lower Upper

77 100

97 23.6 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.368 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

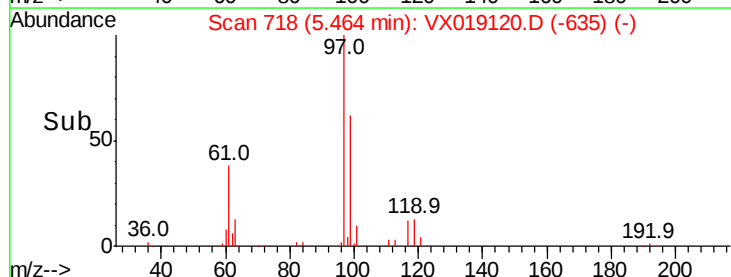
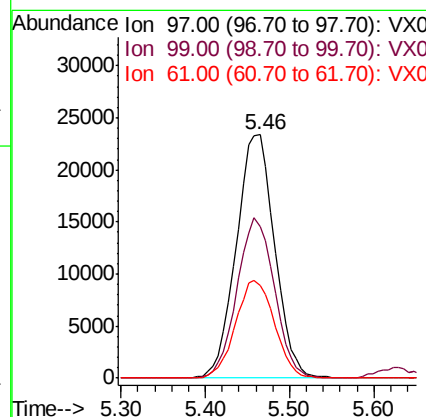
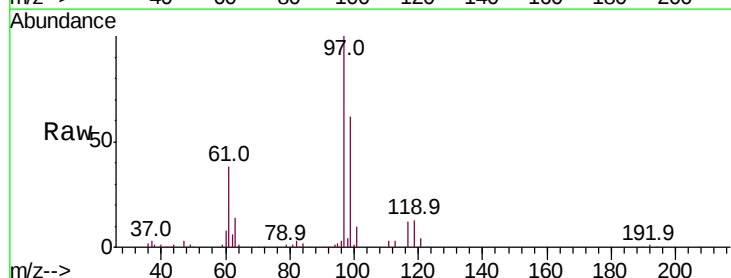
Tgt Ion: 97 Resp: 72189

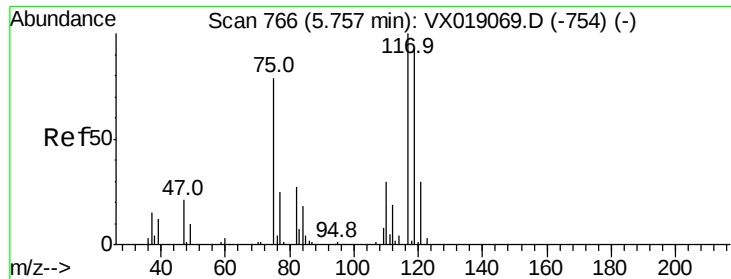
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 40.6 32.0 48.0





#33

Carbon Tetrachloride

Concen: 17.979 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

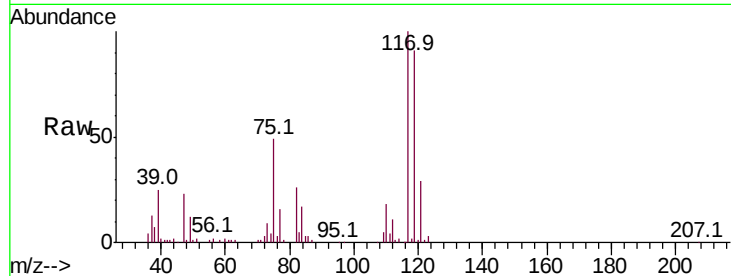
Tot Ion:117 Resp: 61320

Ion Ratio Lower Upper

117 100

119 91.1 74.5 111.7

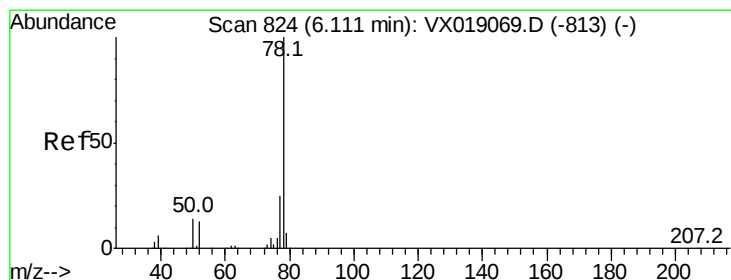
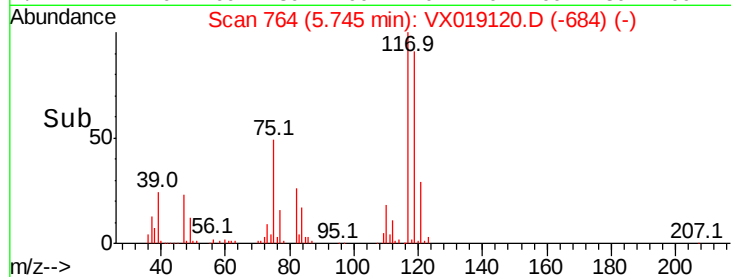
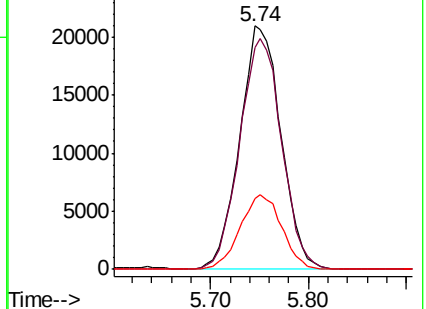
121 29.2 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.622 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

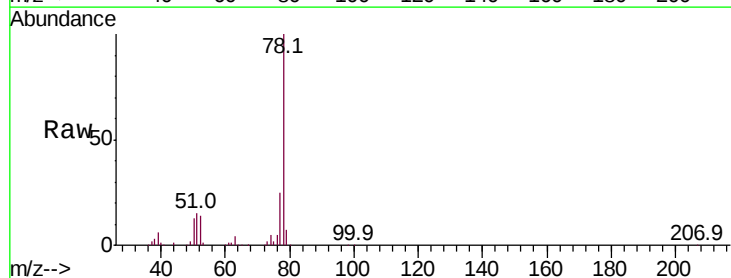
Tgt Ion: 78 Resp: 179167

Ion Ratio Lower Upper

78 100

77 25.2 20.1 30.1

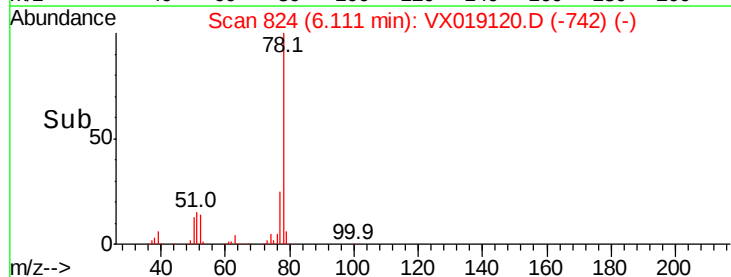
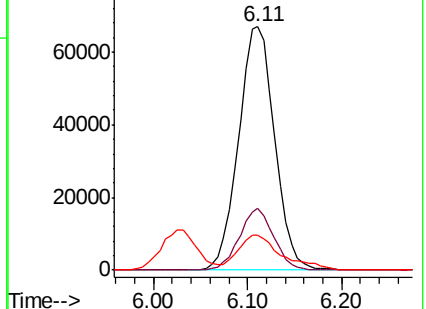
51 14.3 11.0 16.4

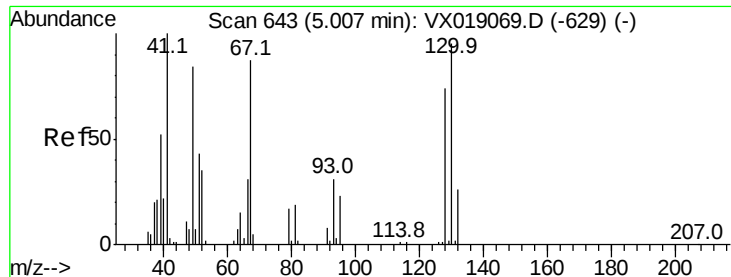


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

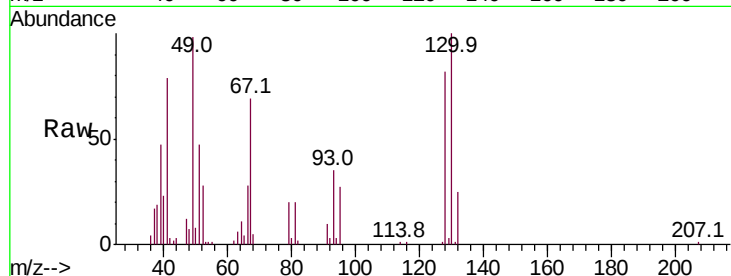




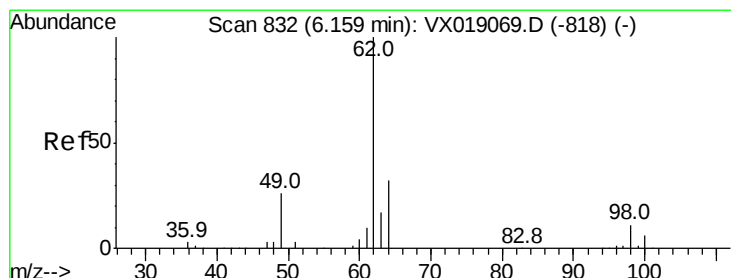
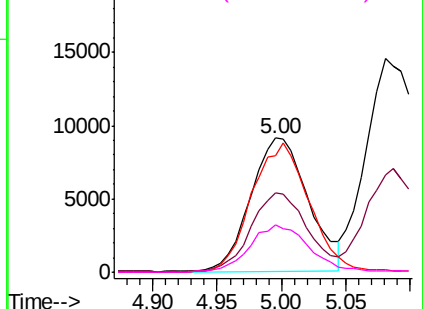
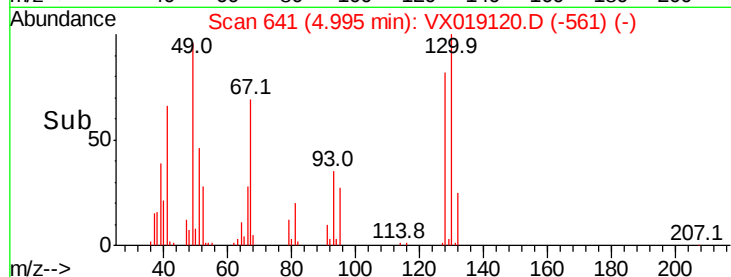
#35
Methacrylonitrile
Concen: 19.991 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

Tot Ion: 41 Resp: 28191
Ion Ratio Lower Upper
41 100
39 58.7 25.8 77.4
67 88.2 43.6 130.8
52 36.0 17.3 51.7

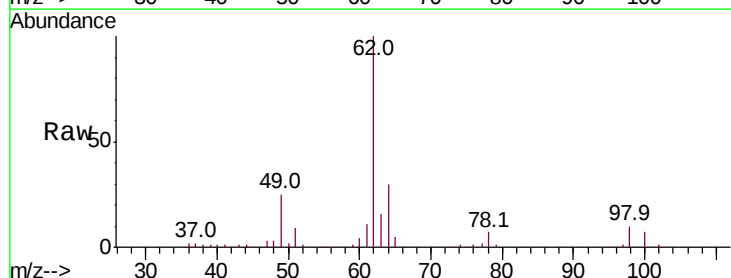


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

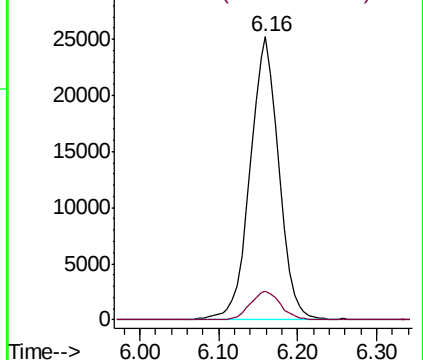
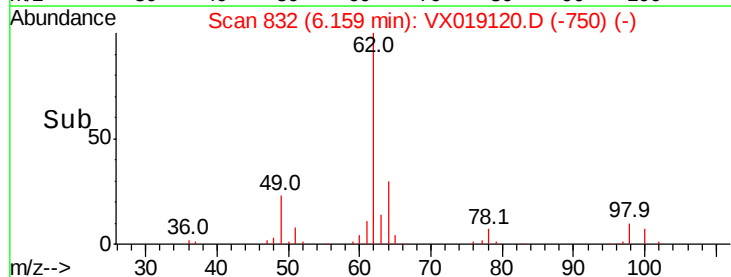


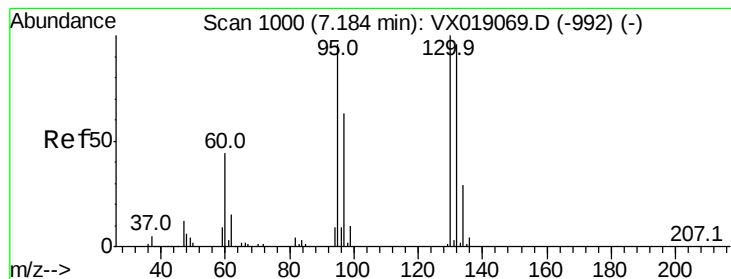
#36
1,2-Dichloroethane
Concen: 19.392 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 62 Resp: 64002
Ion Ratio Lower Upper
62 100
98 10.6 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.700 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

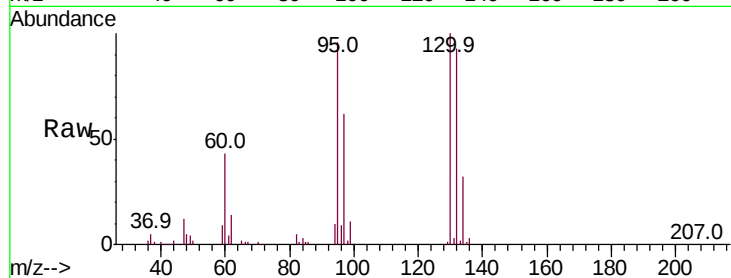
VX1026WBSD01

Tot Ion:130 Resp: 51715

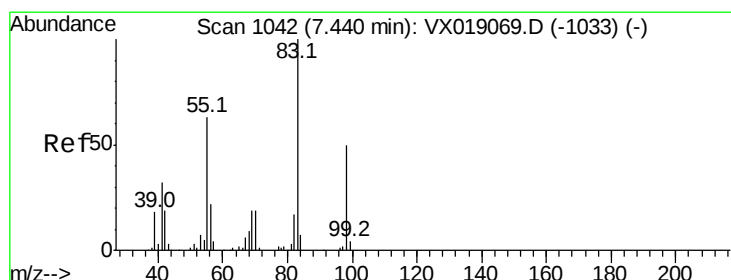
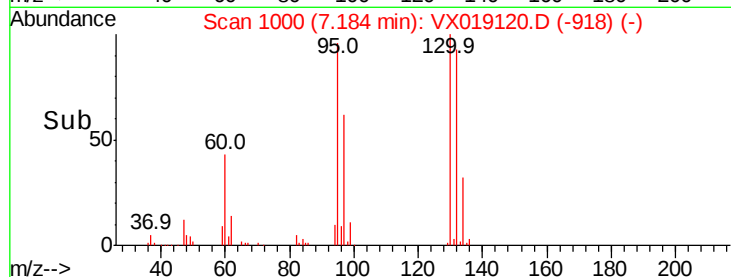
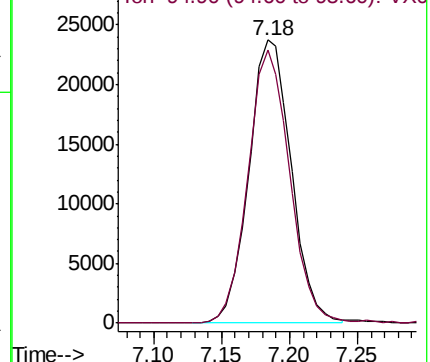
Ion Ratio Lower Upper

130 100

95 96.5 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): VX019120.D (-918) (-)



#38

Methylcyclohexane

Concen: 17.816 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

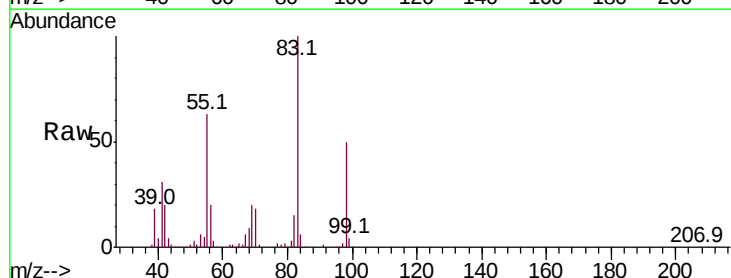
Tgt Ion: 83 Resp: 65300

Ion Ratio Lower Upper

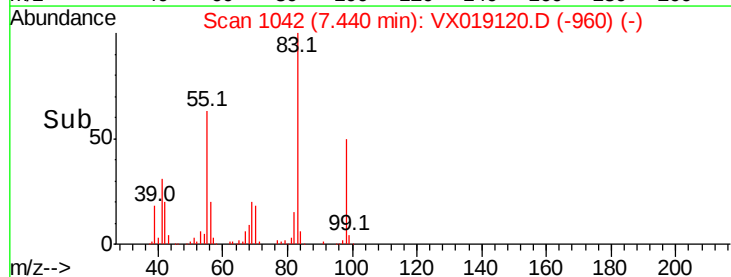
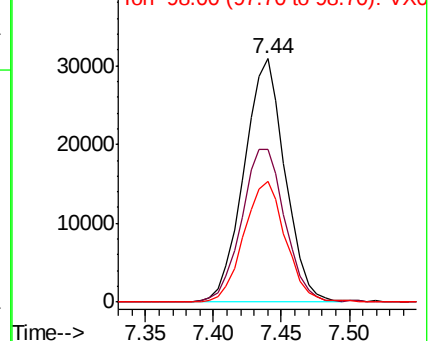
83 100

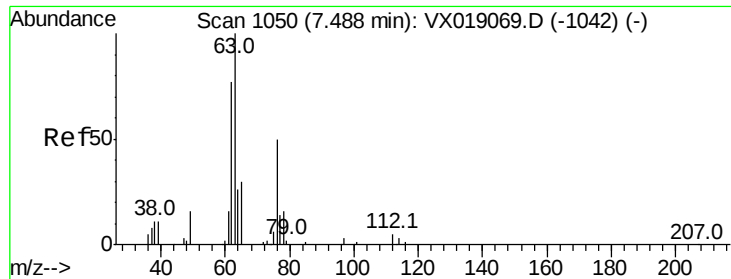
55 66.2 32.3 96.8

98 50.5 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX019120.D (-960) (-)





#39

1,2-Dichloropropane

Concen: 19.529 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

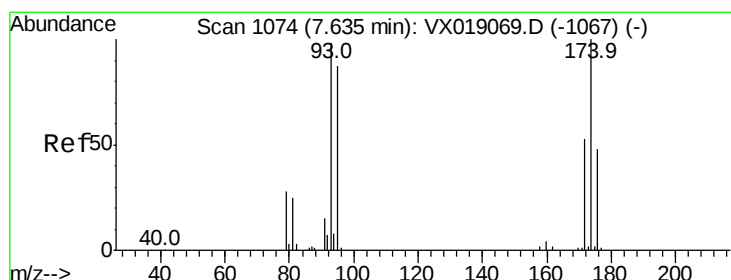
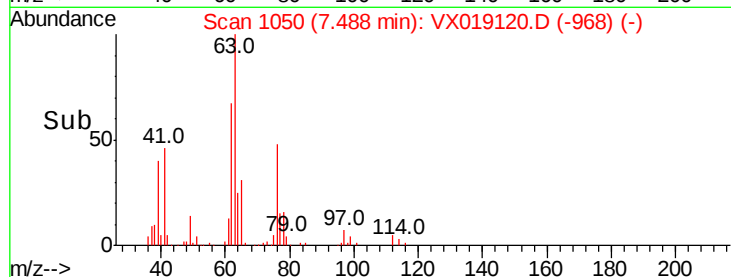
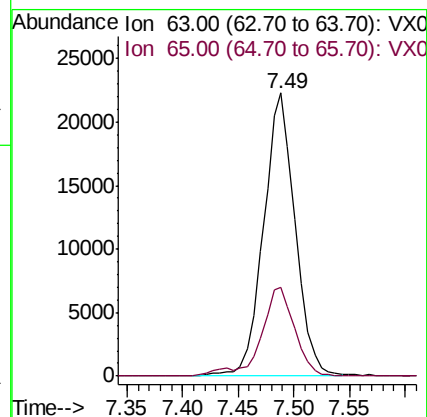
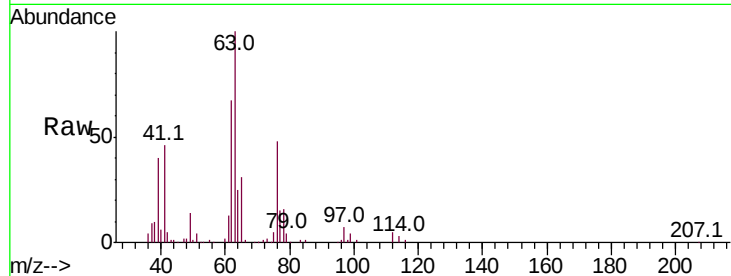
VX1026WBSD01

Tot Ion: 63 Resp: 43616

Ion Ratio Lower Upper

63 100

65 31.3 25.8 38.8



#40

Dibromomethane

Concen: 19.410 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

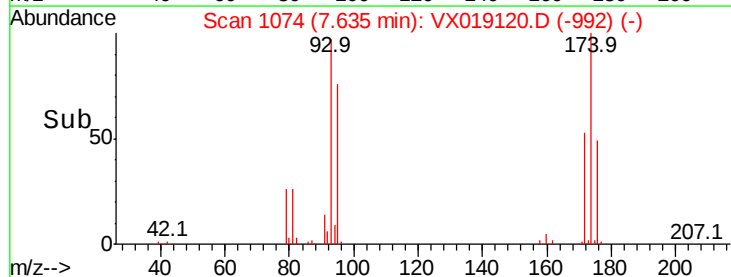
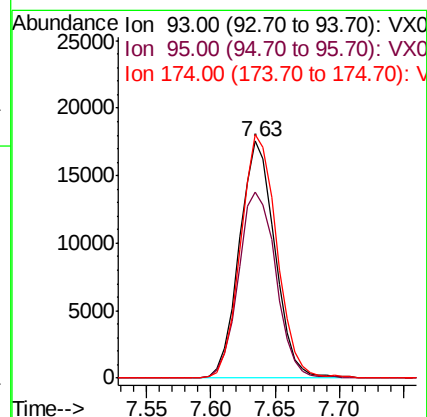
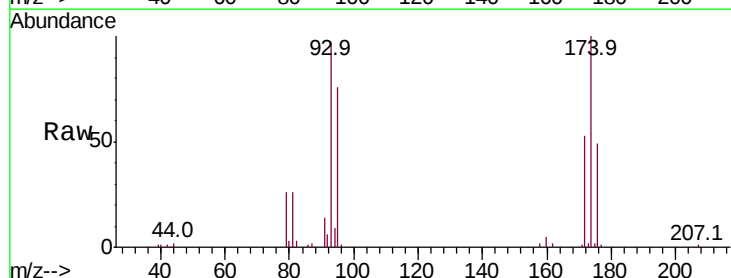
Tgt Ion: 93 Resp: 33643

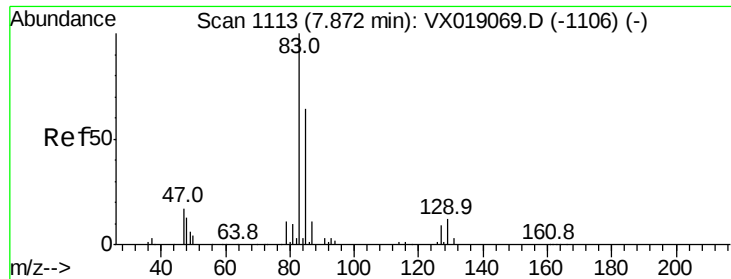
Ion Ratio Lower Upper

93 100

95 82.3 0.0 169.0

174 103.7 0.0 205.4





#41

Bromodichloromethane

Concen: 19.167 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

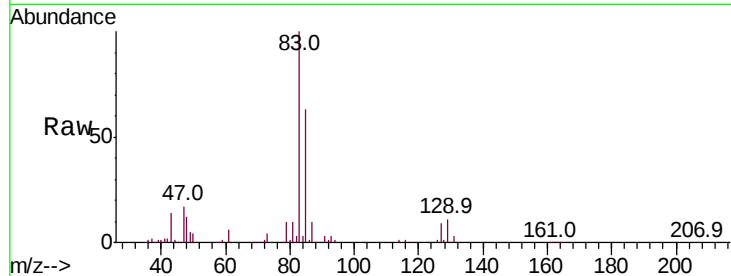
Tot Ion: 83 Resp: 65681

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

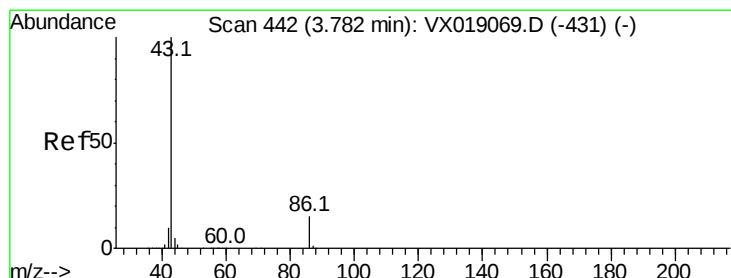
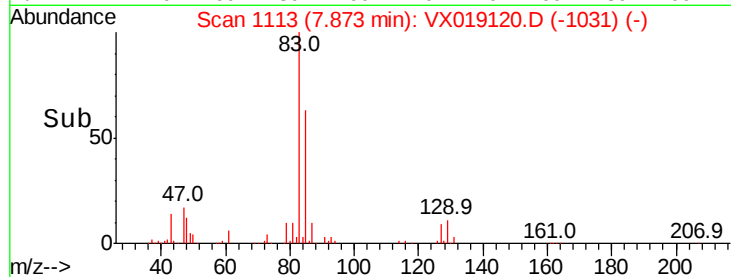
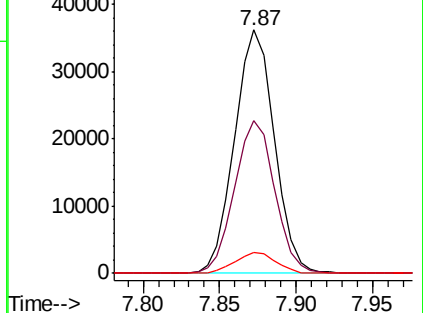
127 8.8 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 98.528 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019120.D

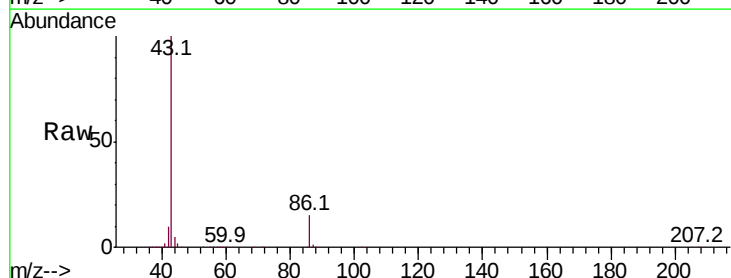
Acq: 26 Oct 2020 15:30

Tgt Ion: 43 Resp: 499409

Ion Ratio Lower Upper

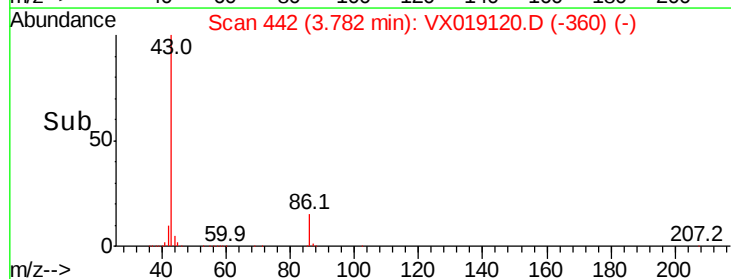
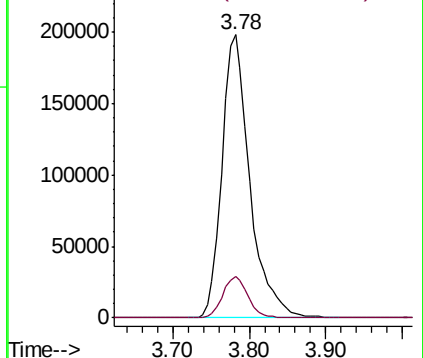
43 100

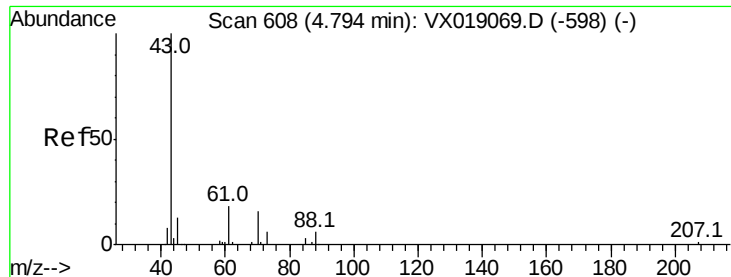
86 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

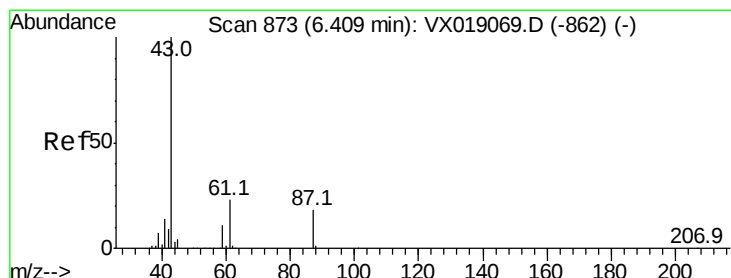
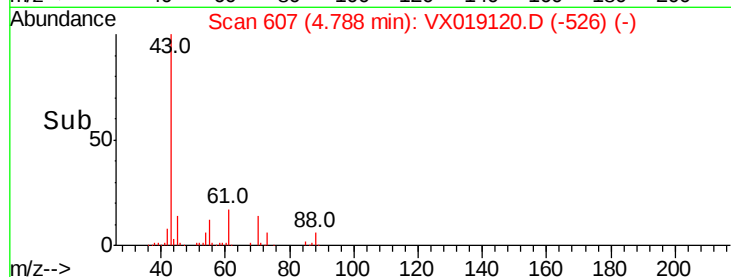
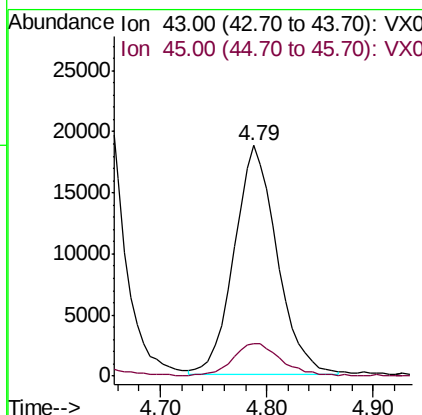
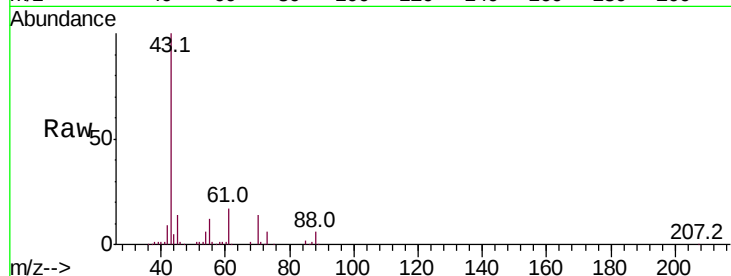




#43
Ethyl Acetate
Concen: 19.415 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

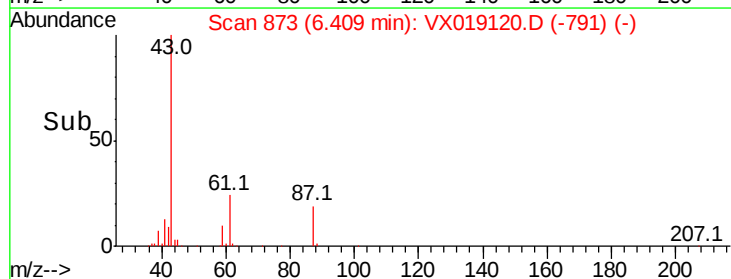
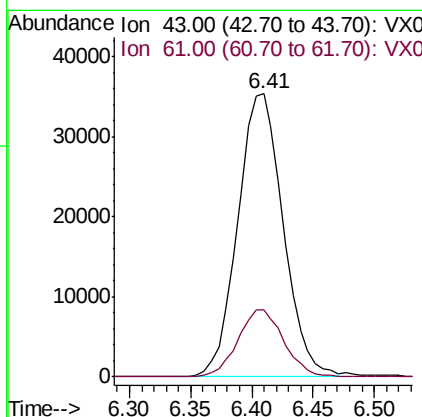
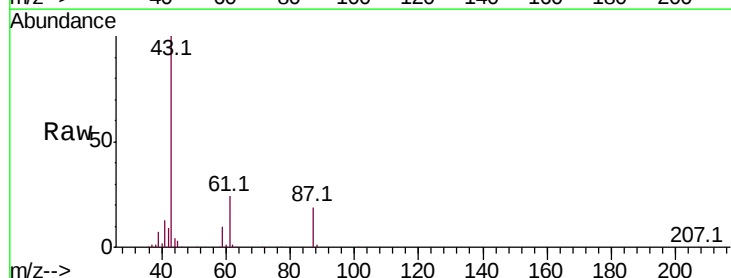
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

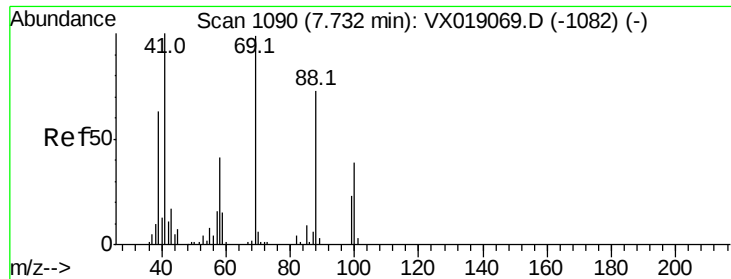
Tot Ion: 43 Resp: 53058
Ion Ratio Lower Upper
43 100
45 15.2 12.7 19.1



#44
Isopropyl Acetate
Concen: 19.808 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 43 Resp: 90643
Ion Ratio Lower Upper
43 100
61 24.0 19.1 28.7





#45

1,4-Dioxane

Concen: 435.947 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

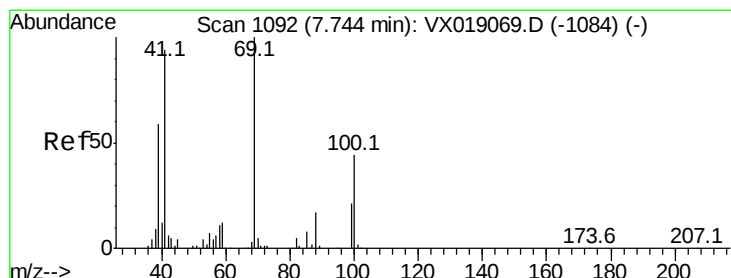
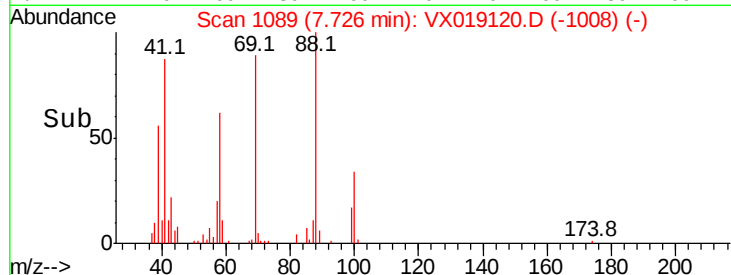
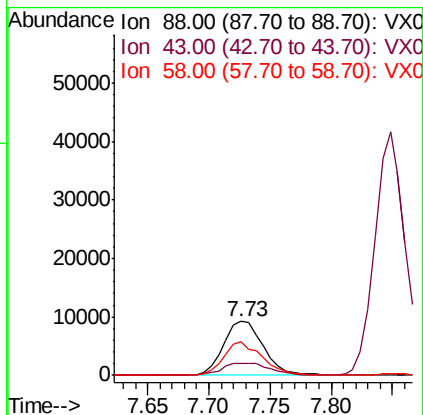
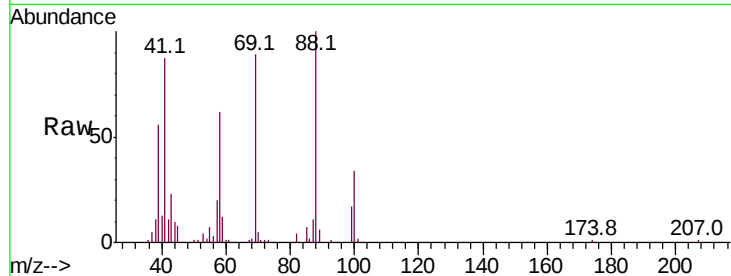
Tot Ion: 88 Resp: 20969

Ion Ratio Lower Upper

88 100

43 15.5 20.5 30.7#

58 59.1 47.4 71.2



#46

Methyl methacrylate

Concen: 19.719 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

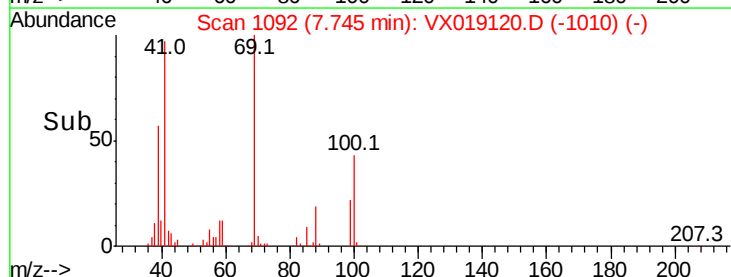
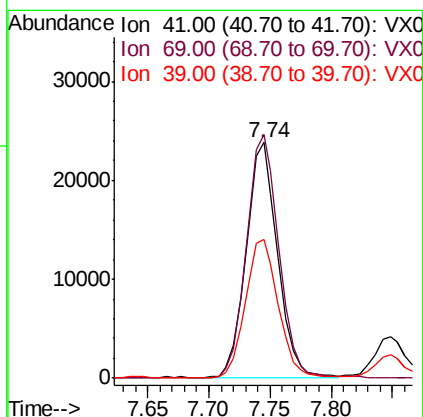
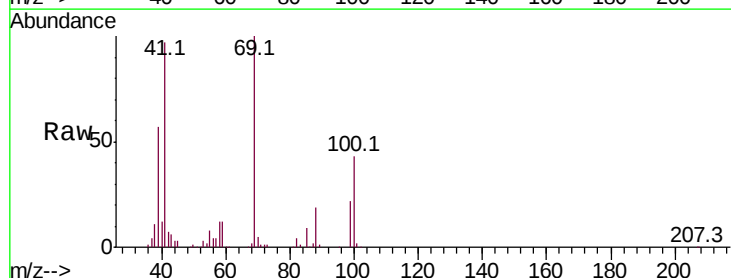
Tgt Ion: 41 Resp: 42709

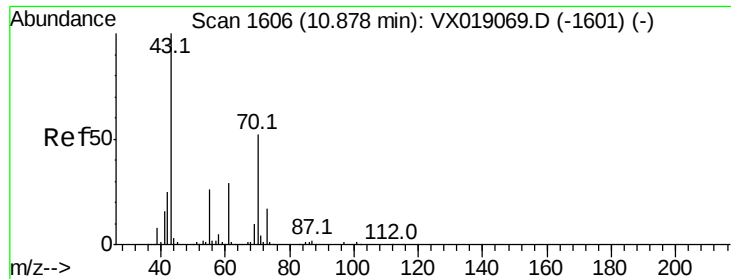
Ion Ratio Lower Upper

41 100

69 103.3 53.1 159.4

39 58.8 31.3 93.9

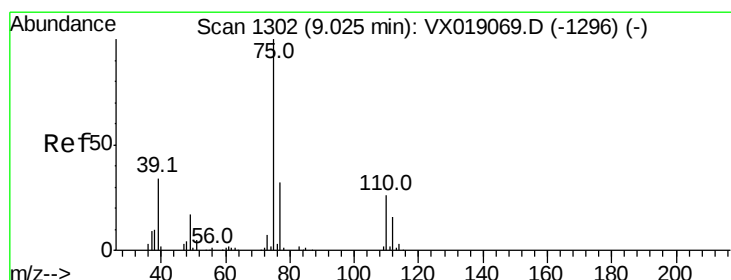
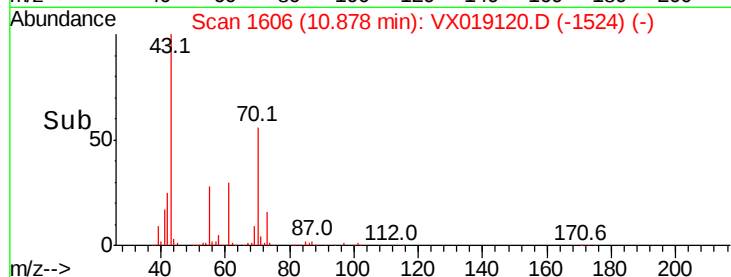
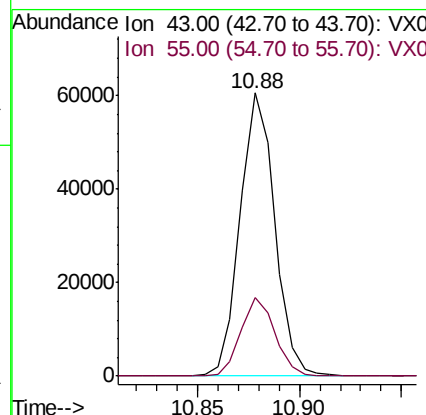
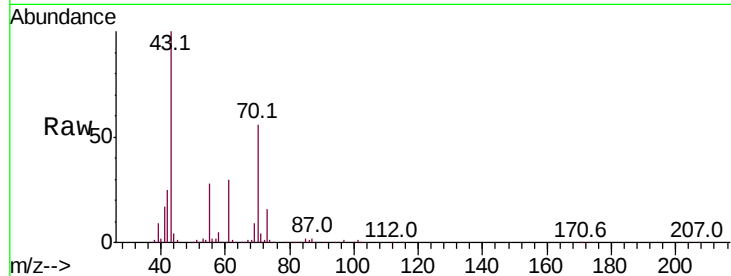




#47
n-amvl Acetate
Concen: 19.297 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

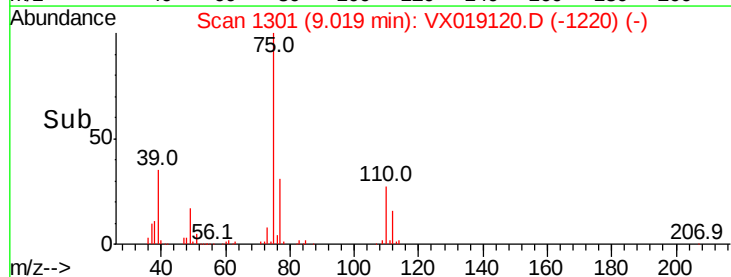
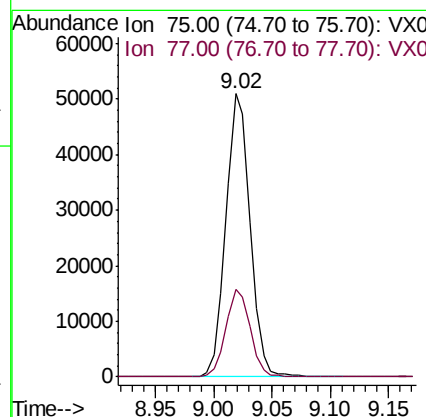
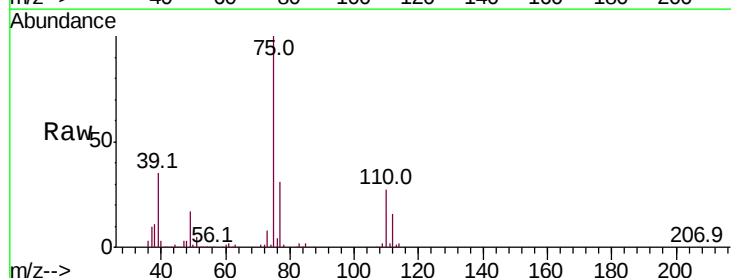
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

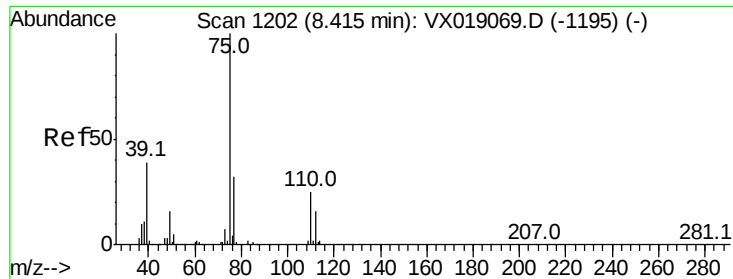
Tot Ion: 43 Resp: 70831
Ion Ratio Lower Upper
43 100
55 27.7 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 19.100 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 75 Resp: 73272
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



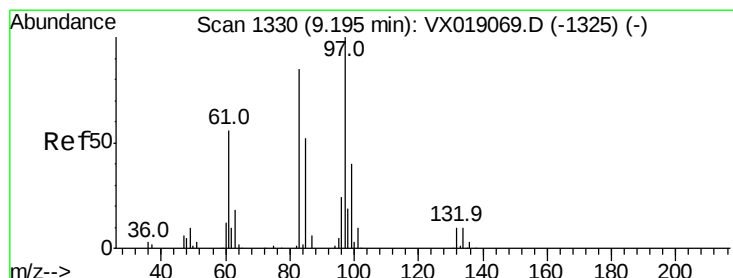
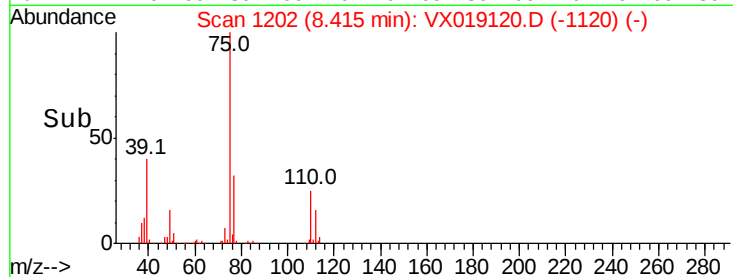
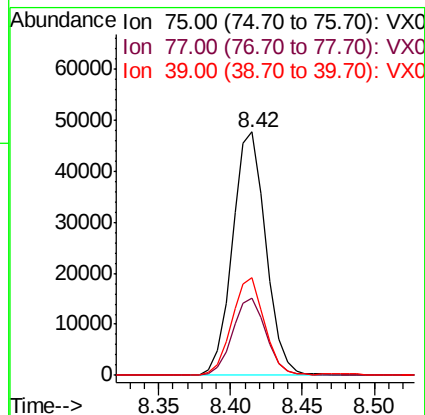
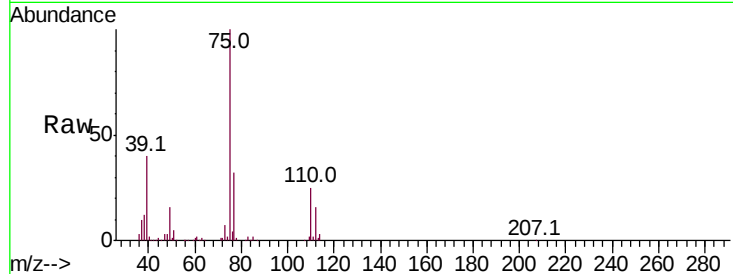


#49

cis-1,3-Dichloropropene
 Concen: 18.990 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

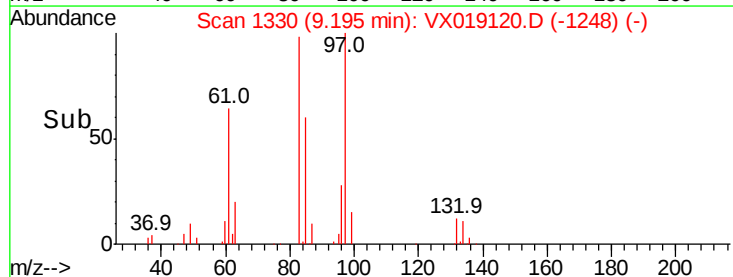
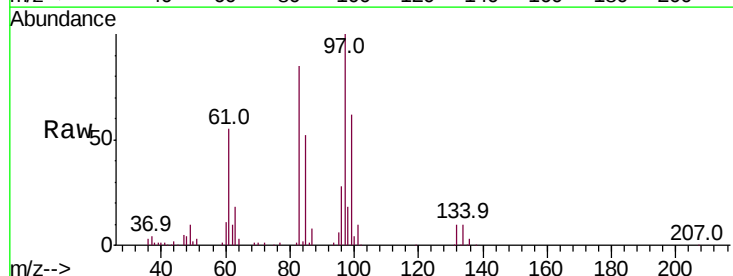
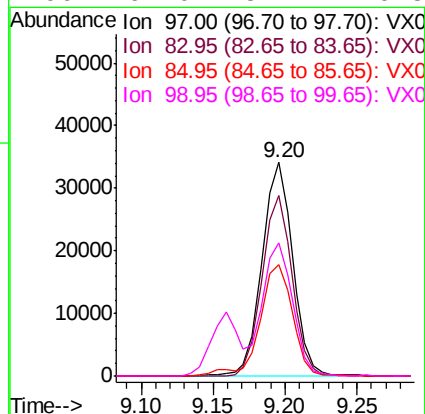
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	39.8	31.0	46.6

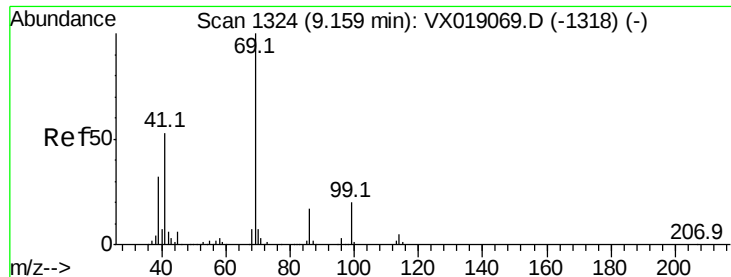


#50

1,1,2-Trichloroethane
 Concen: 19.936 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	52.0	43.5	65.3
99	62.0	51.2	76.8





#51

Ethyl methacrylate

Concen: 19.159 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

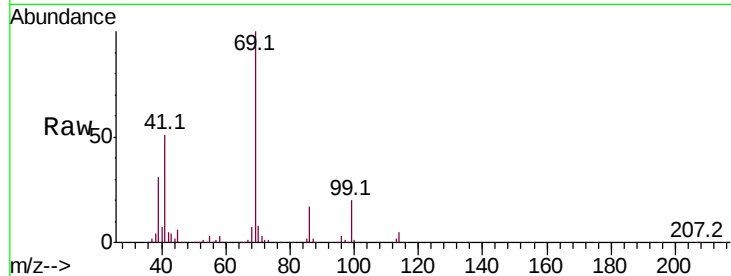
Tot Ion: 69 Resp: 70183

Ion Ratio Lower Upper

69 100

41 51.0 26.5 79.4

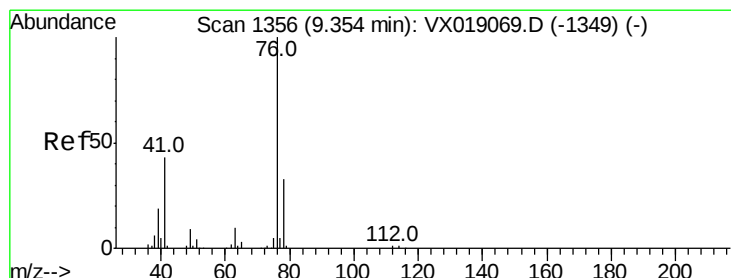
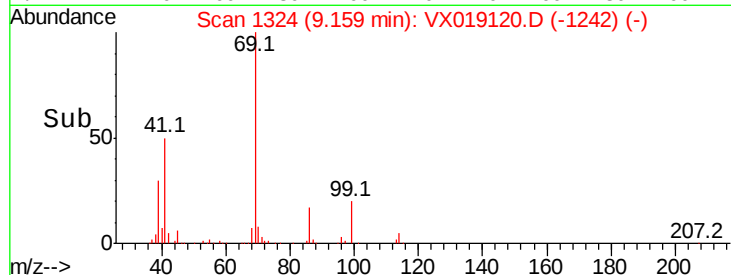
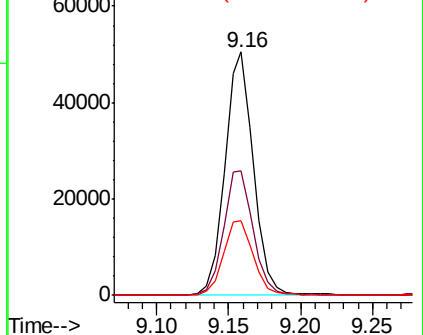
39 30.6 16.2 48.6



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



#52

1,3-Dichloropropane

Concen: 19.656 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019120.D

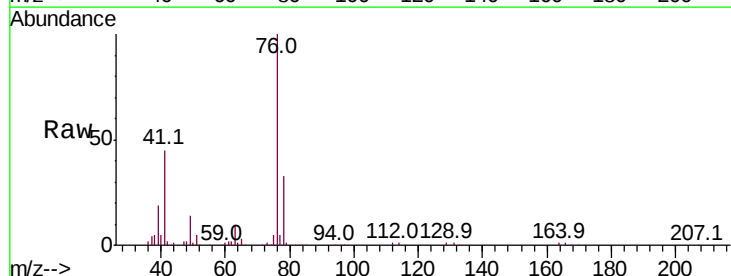
Acq: 26 Oct 2020 15:30

Tgt Ion: 76 Resp: 80391

Ion Ratio Lower Upper

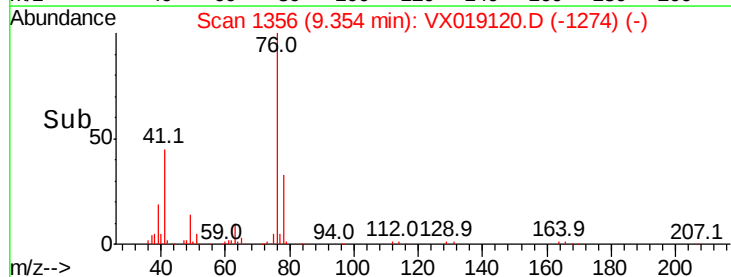
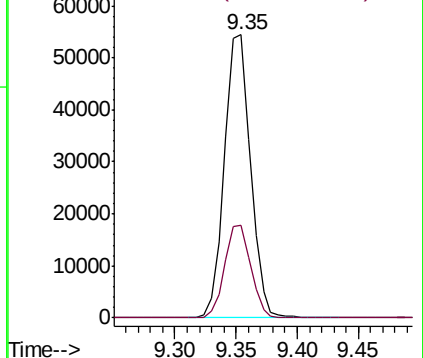
76 100

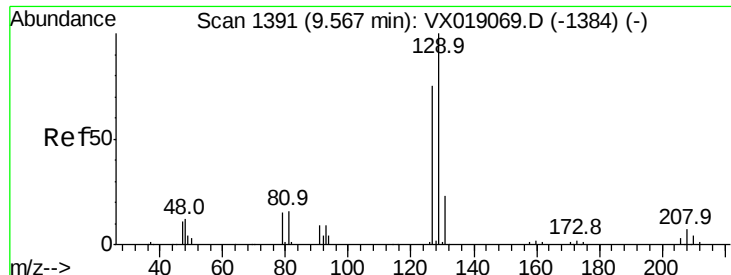
78 32.9 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.350 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

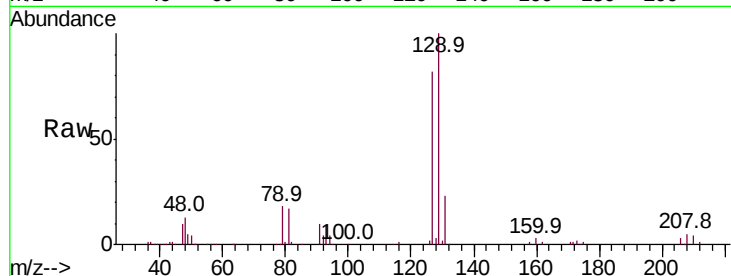
VX1026WBSD01

Tot Ion:129 Resp: 51283

Ion Ratio Lower Upper

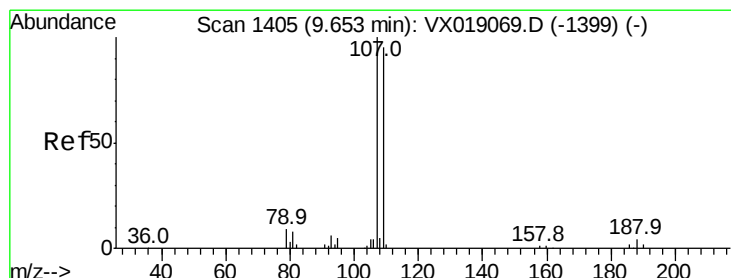
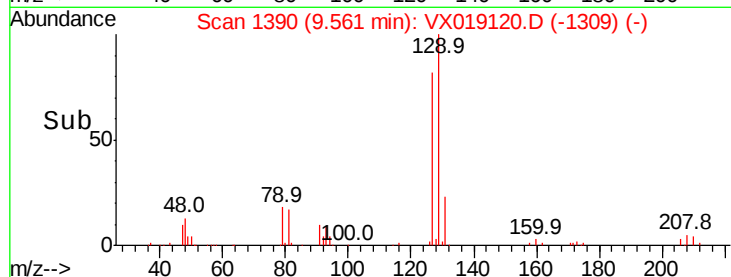
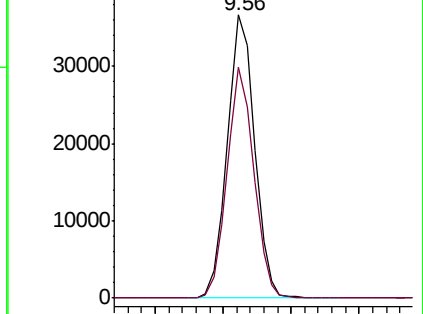
129 100

127 79.8 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.227 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019120.D

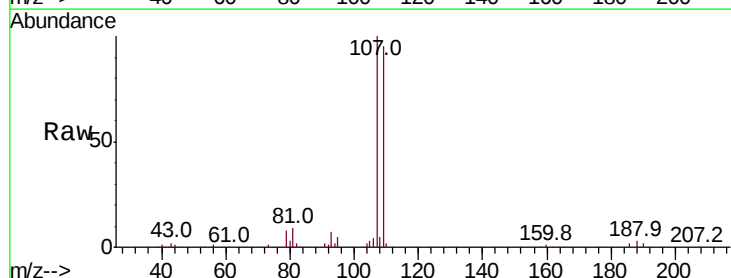
Acq: 26 Oct 2020 15:30

Tgt Ion:107 Resp: 52451

Ion Ratio Lower Upper

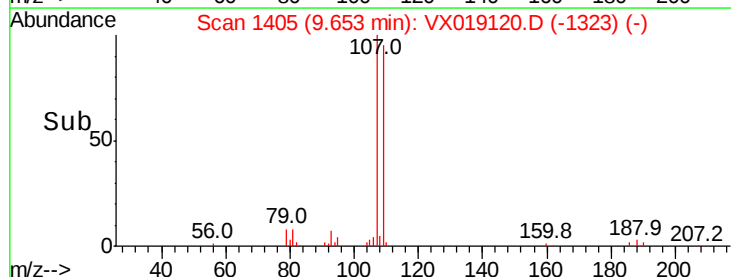
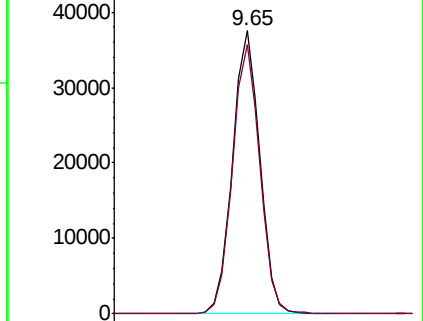
107 100

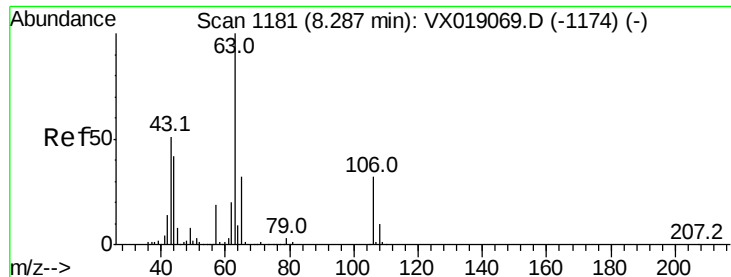
109 95.2 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 97.034 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

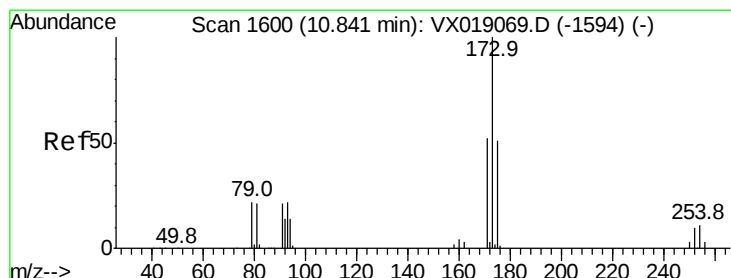
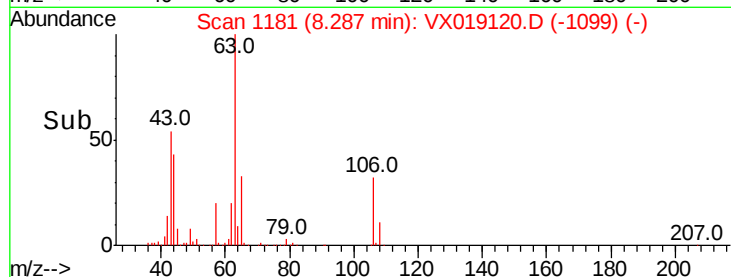
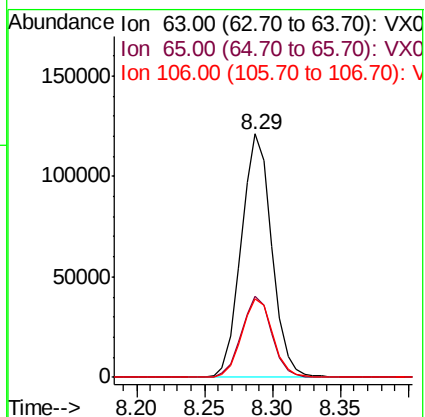
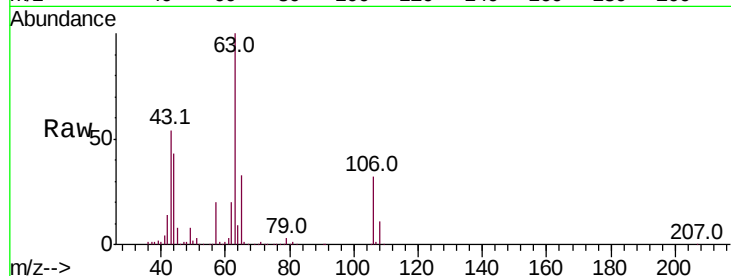
Tot Ion: 63 Resp: 189961

Ion Ratio Lower Upper

63 100

65 33.1 26.0 39.0

106 32.7 25.9 38.9



#56

Bromoform

Concen: 18.610 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

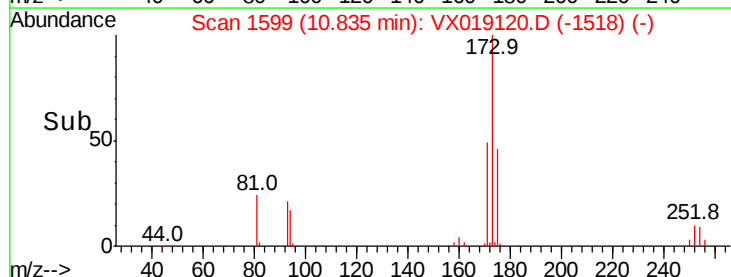
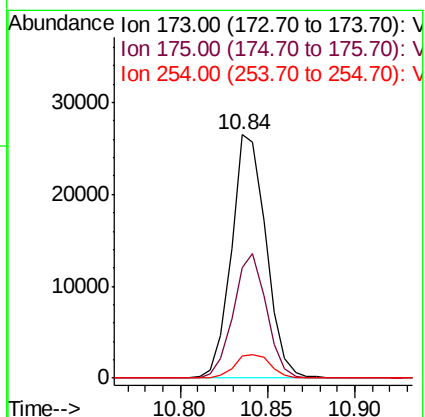
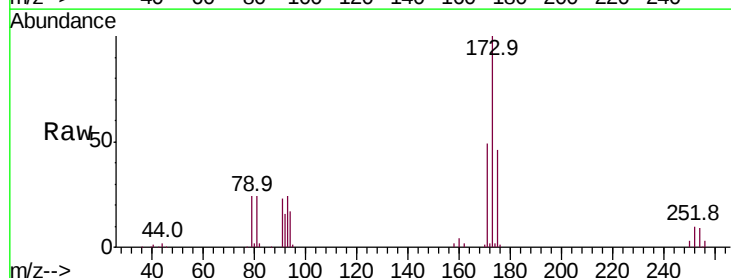
Tgt Ion: 173 Resp: 36360

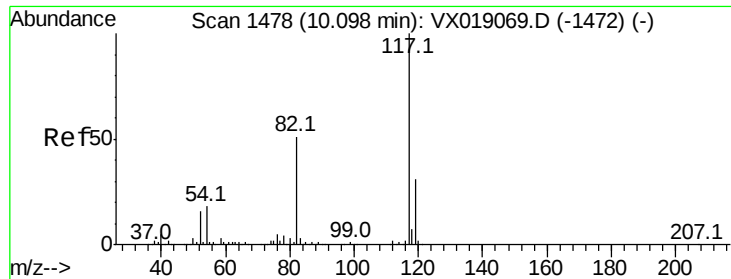
Ion Ratio Lower Upper

173 100

175 49.2 39.6 59.4

254 10.2 8.6 13.0

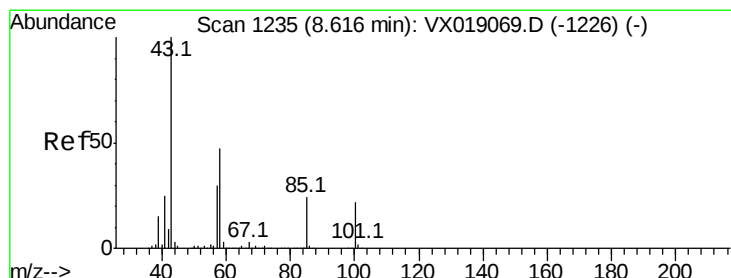
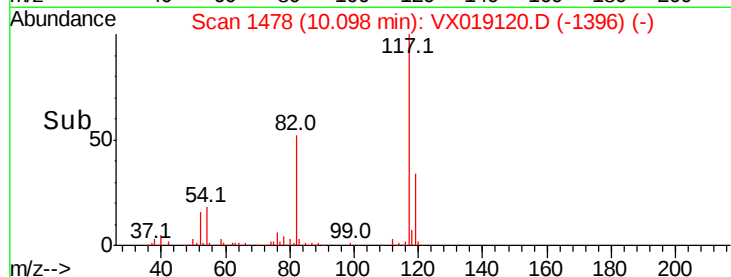
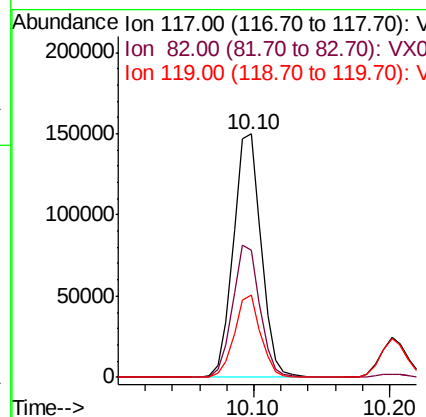
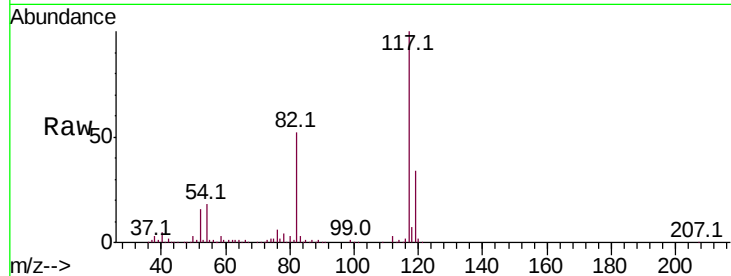




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

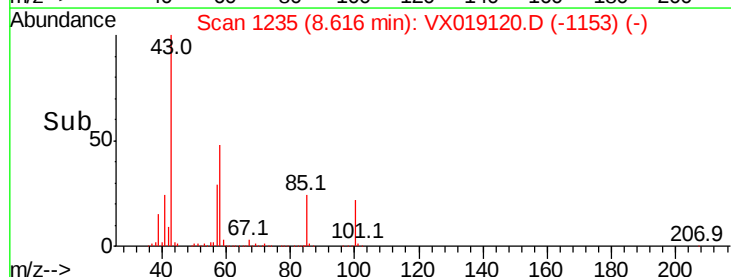
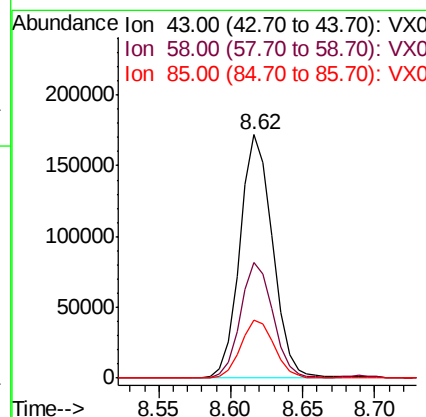
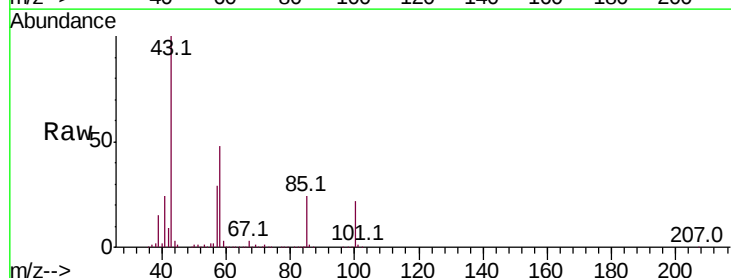
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

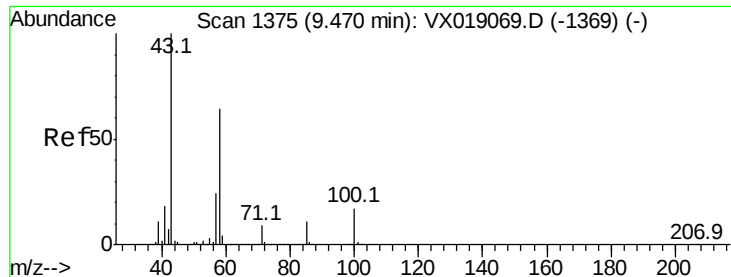
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.5	63.7
119	31.9	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 101.381 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.4	37.6	56.4
85	24.4	19.4	29.2

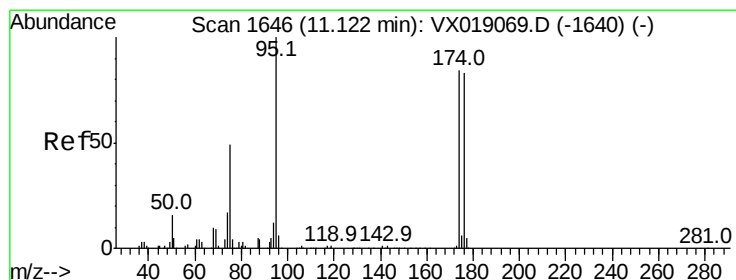
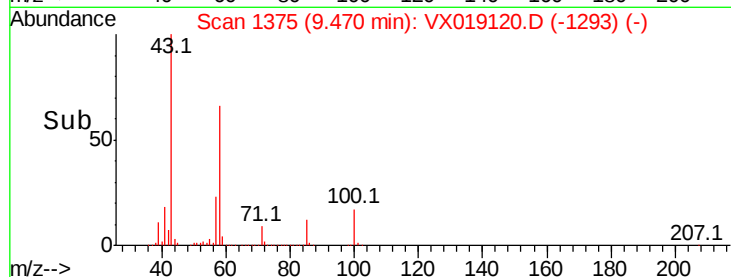
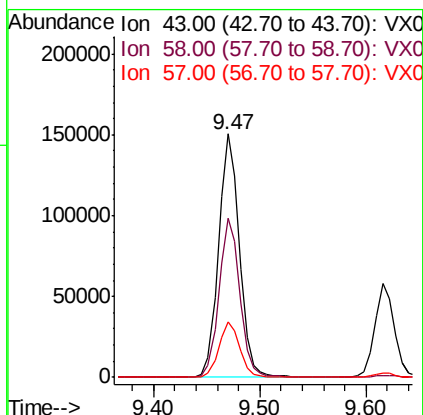
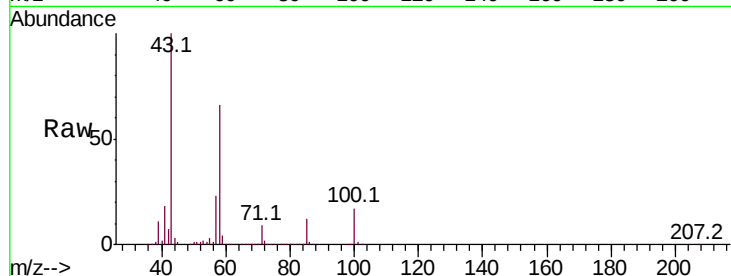




#59
2-Hexanone
Concen: 102.575 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

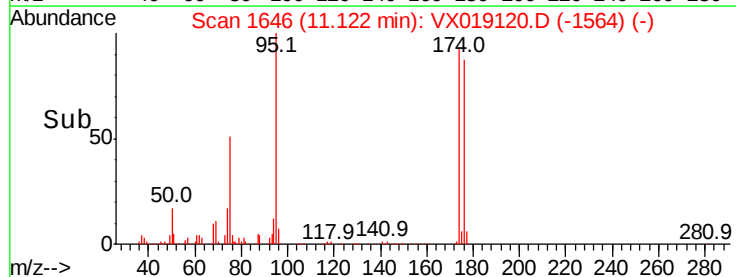
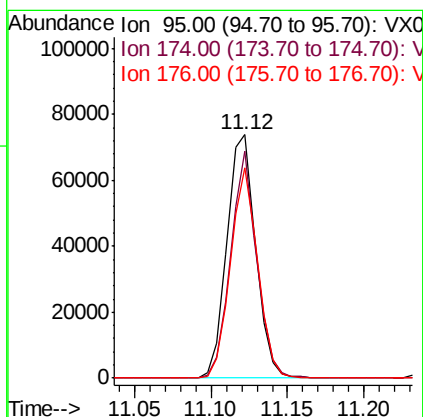
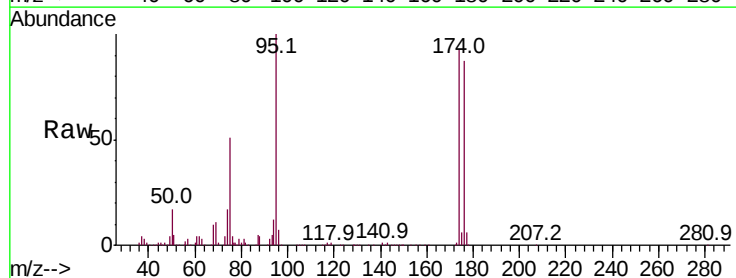
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

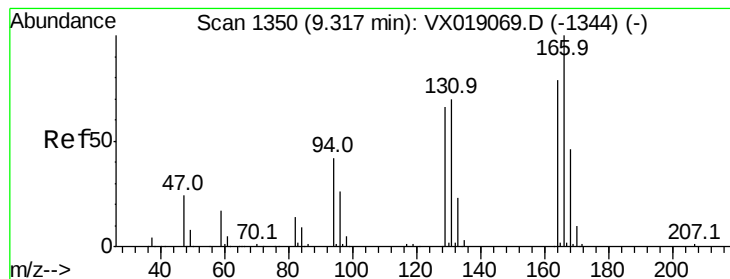
Tot Ion: 43 Resp: 204874
Ion Ratio Lower Upper
43 100
58 65.4 51.9 77.9
57 22.7 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 30.173 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 95 Resp: 96253
Ion Ratio Lower Upper
95 100
174 84.2 66.3 99.5
176 81.5 65.5 98.3





#61

Tetrachloroethene

Concen: 19.609 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

Tot Ion:164 Resp: 49444

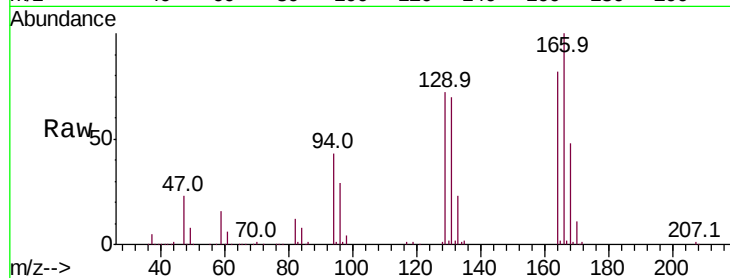
Ion Ratio Lower Upper

164 100

166 122.6 101.9 152.9

129 88.1 67.0 100.6

131 85.9 71.1 106.7

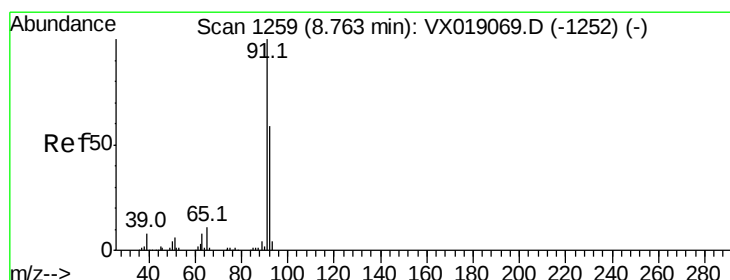
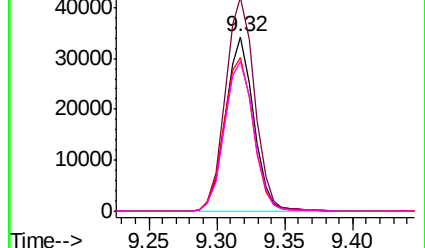
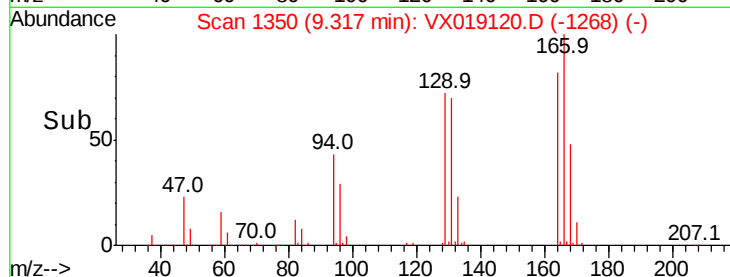


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.289 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019120.D

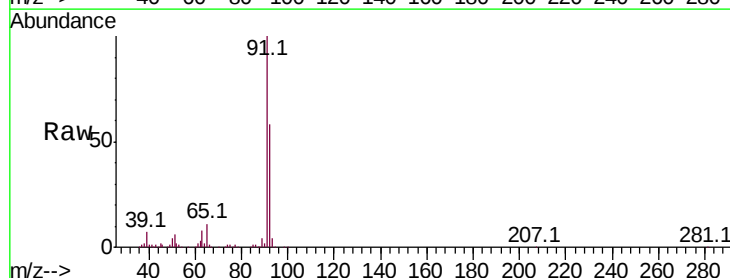
Acq: 26 Oct 2020 15:30

Tgt Ion: 91 Resp: 204298

Ion Ratio Lower Upper

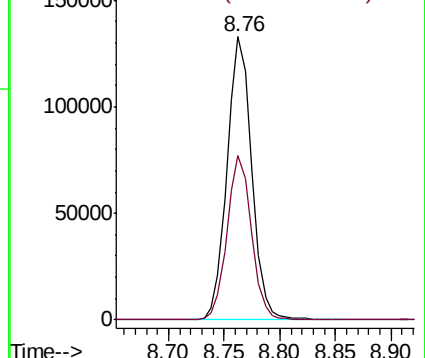
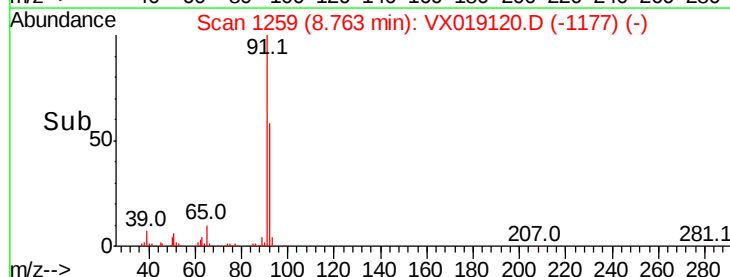
91 100

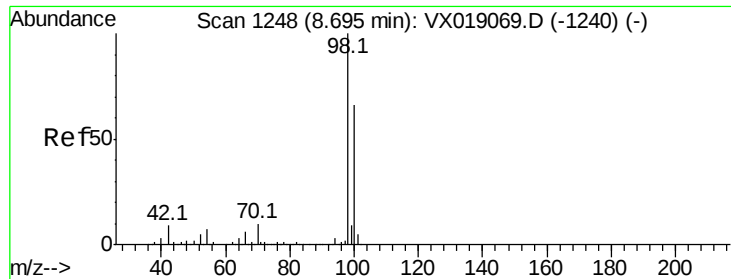
92 57.5 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.574 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

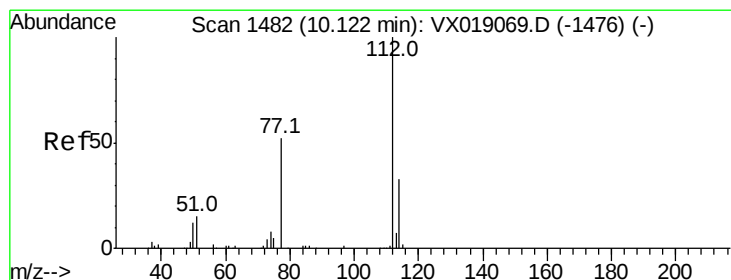
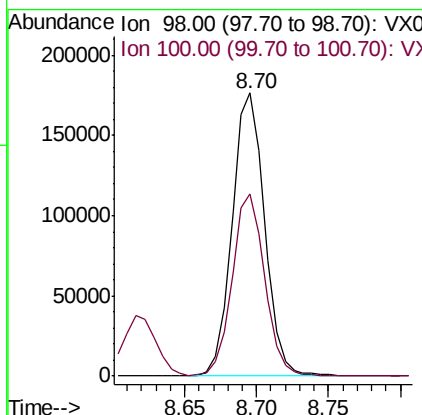
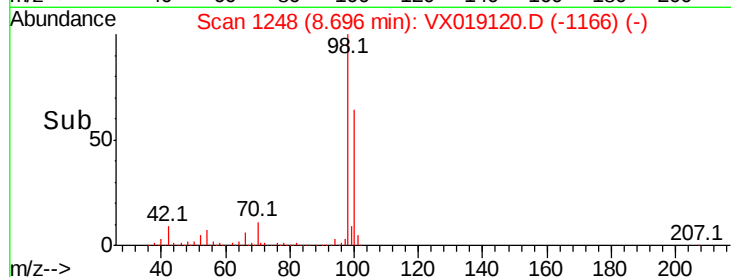
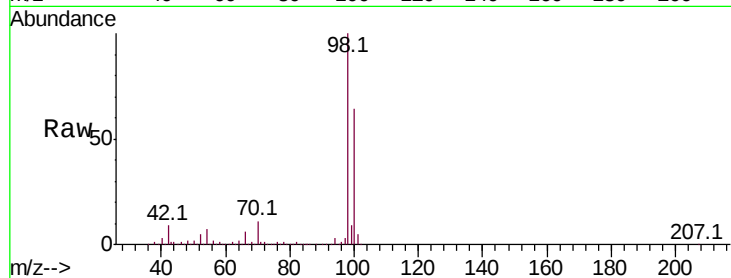
VX1026WBSD01

Tot Ion: 98 Resp: 277525

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#64

Chlorobenzene

Concen: 18.740 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019120.D

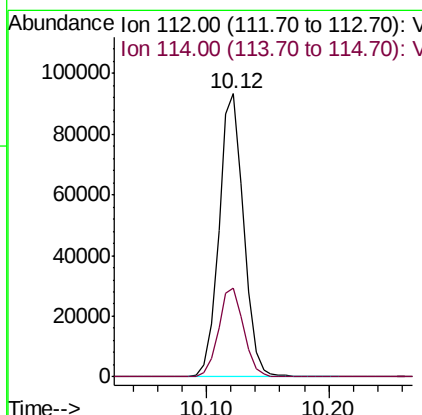
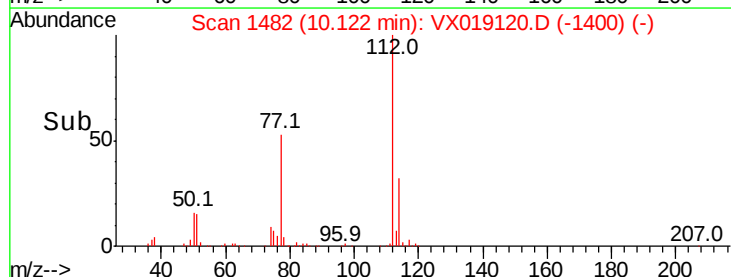
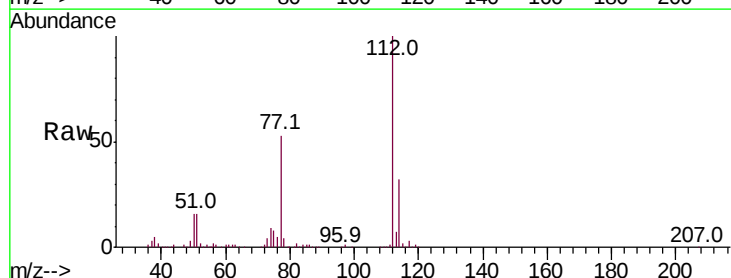
Acq: 26 Oct 2020 15:30

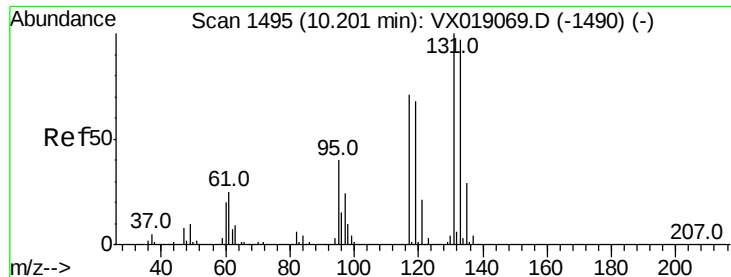
Tgt Ion: 112 Resp: 130127

Ion Ratio Lower Upper

112 100

114 31.5 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.650 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

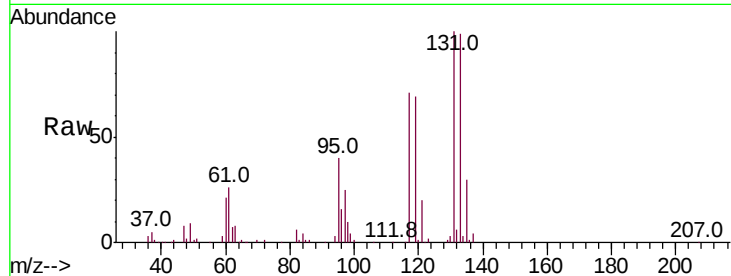
Tot Ion:131 Resp: 47099

Ion Ratio Lower Upper

131 100

133 97.0 0.0 191.6

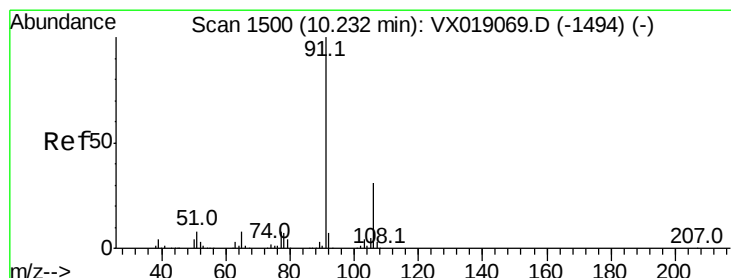
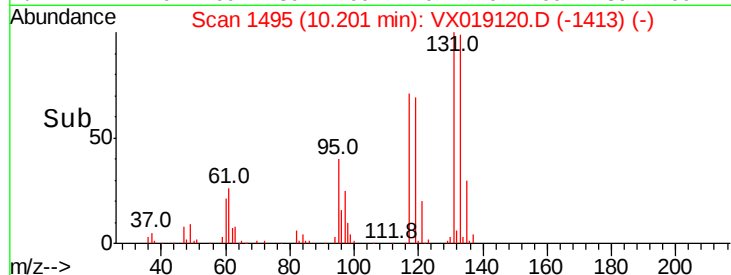
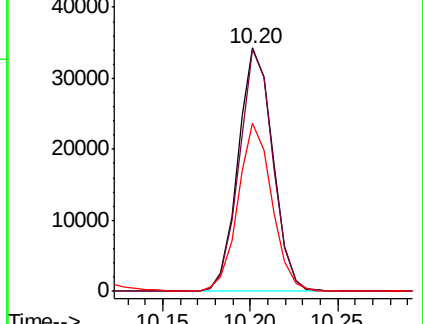
119 67.5 0.0 130.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.733 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019120.D

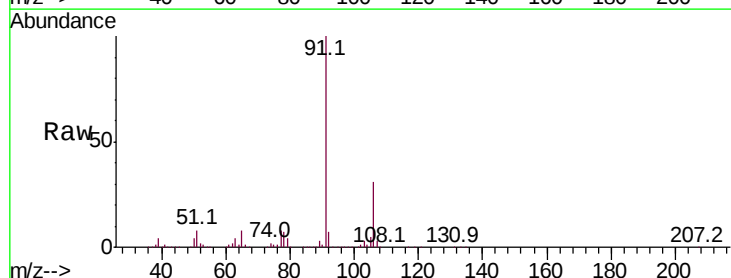
Acq: 26 Oct 2020 15:30

Tgt Ion: 91 Resp: 229413

Ion Ratio Lower Upper

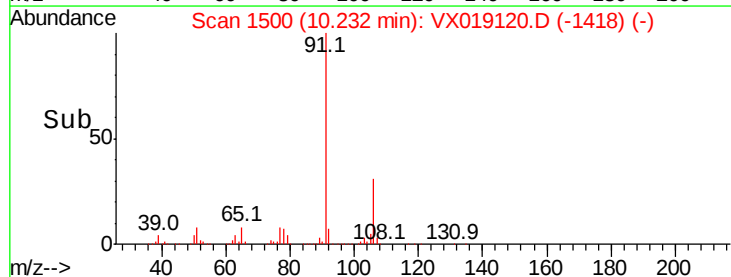
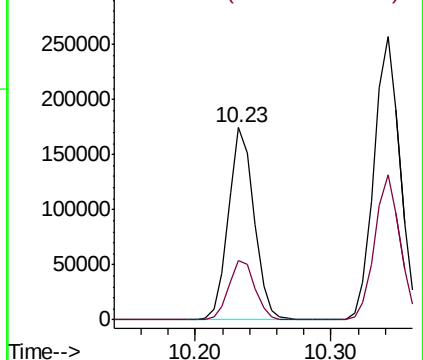
91 100

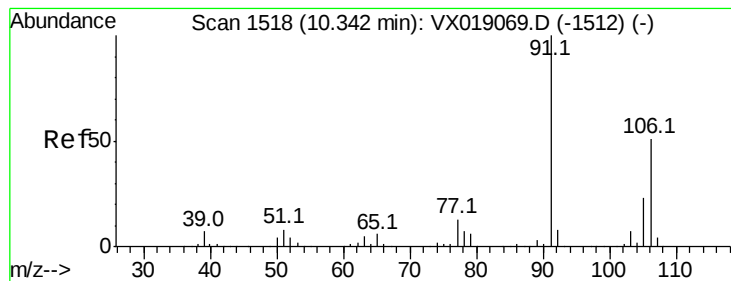
106 31.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.810 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

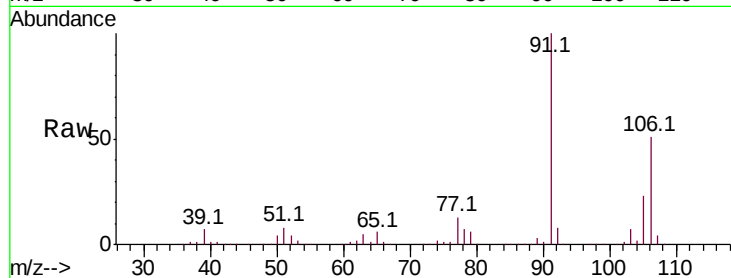
VX1026WBSD01

Tot Ion:106 Resp: 171921

Ion Ratio Lower Upper

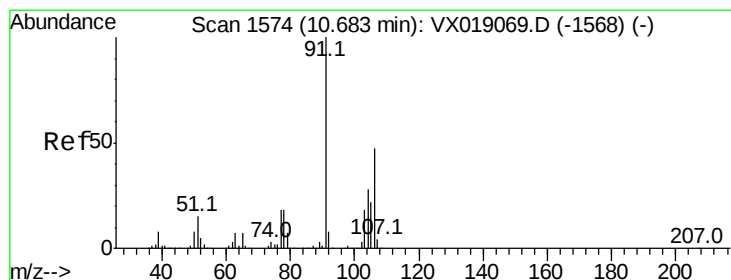
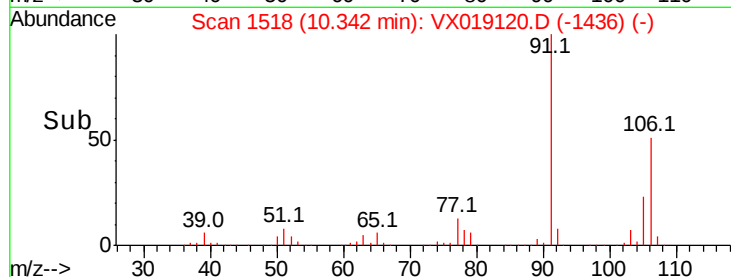
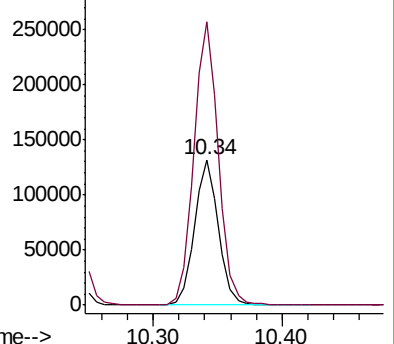
106 100

91 199.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.067 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019120.D

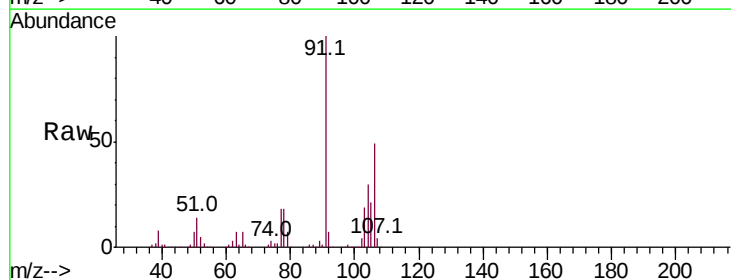
Acq: 26 Oct 2020 15:30

Tgt Ion:106 Resp: 84932

Ion Ratio Lower Upper

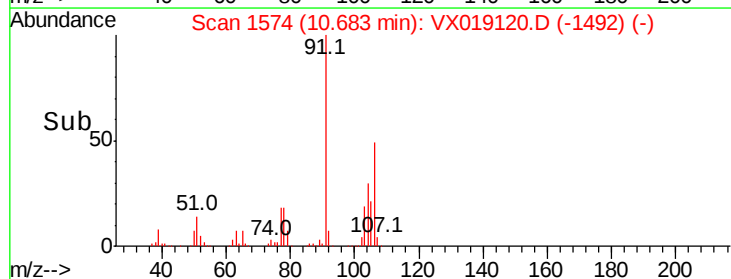
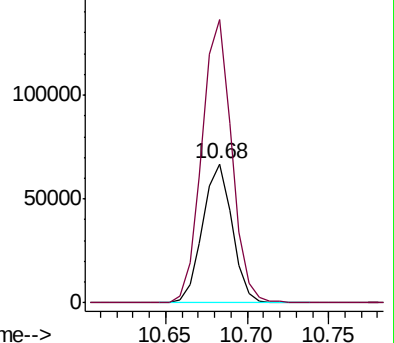
106 100

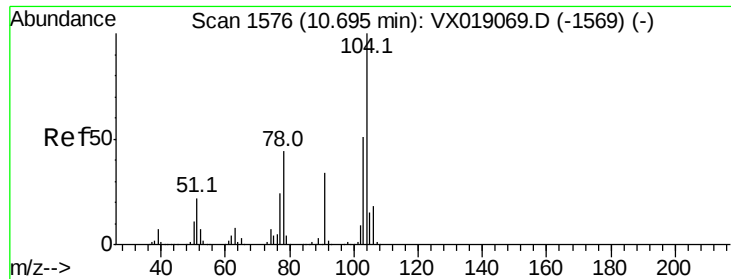
91 204.3 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

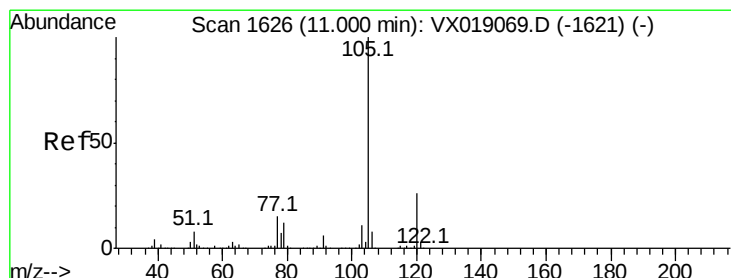
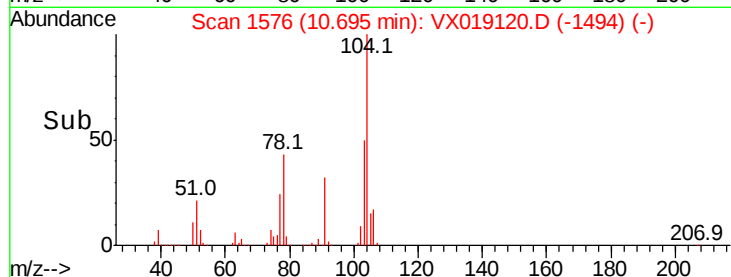
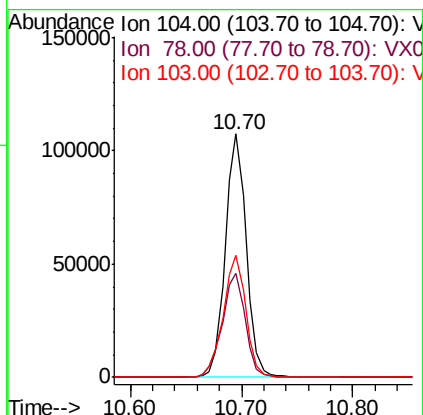
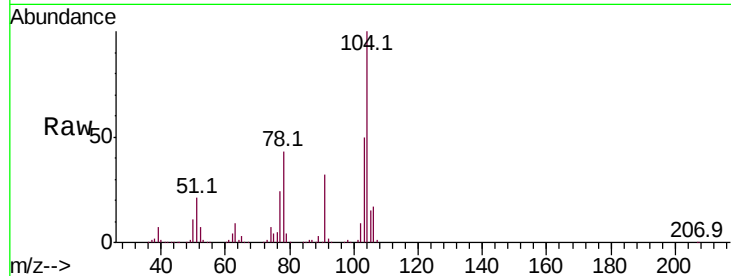




#69
Stvrene
Concen: 18.672 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

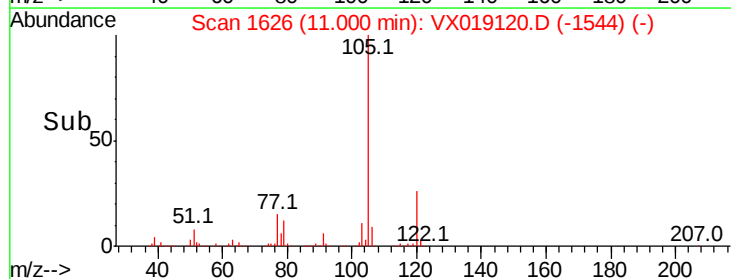
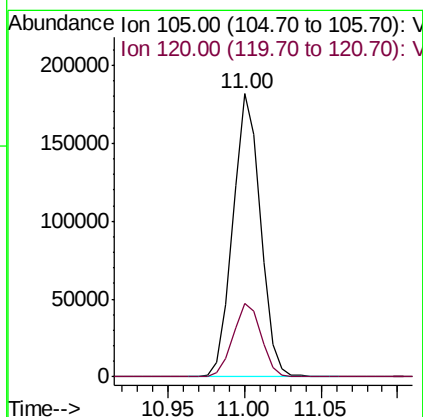
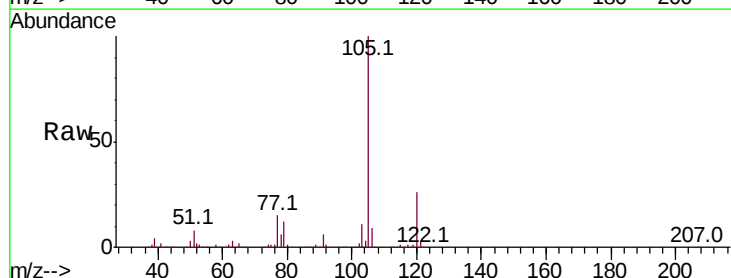
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

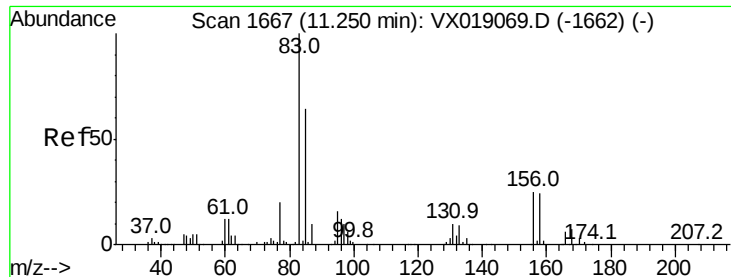
Tot Ion:104 Resp: 140137
Ion Ratio Lower Upper
104 100
78 47.1 38.6 58.0
103 54.3 43.4 65.2



#70
Isopropylbenzene
Concen: 18.944 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion:105 Resp: 226890
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.4

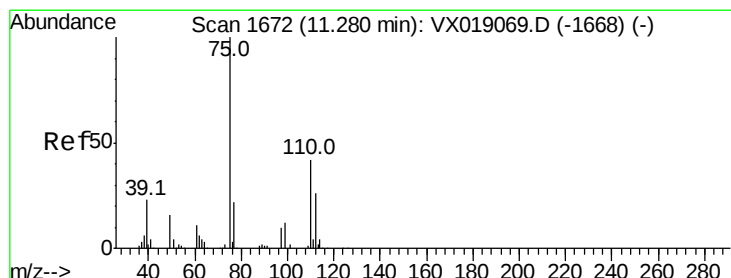
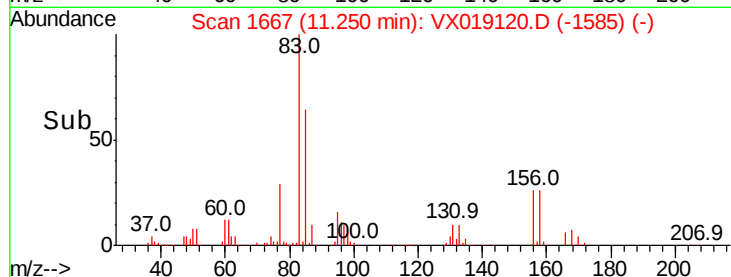
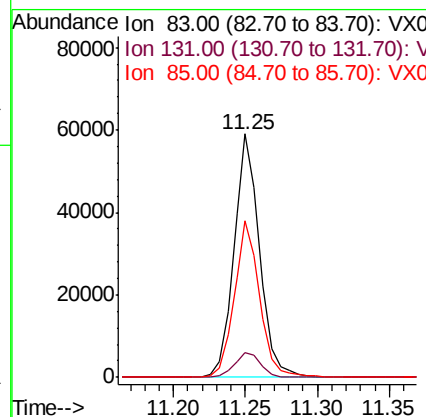
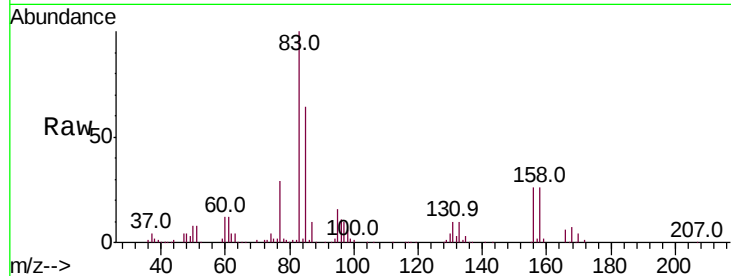




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.132 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

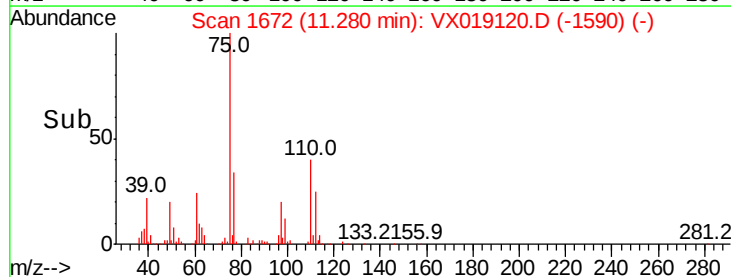
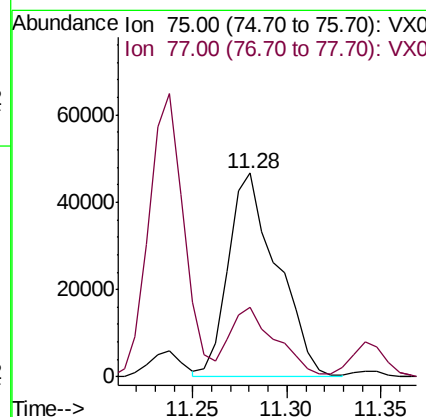
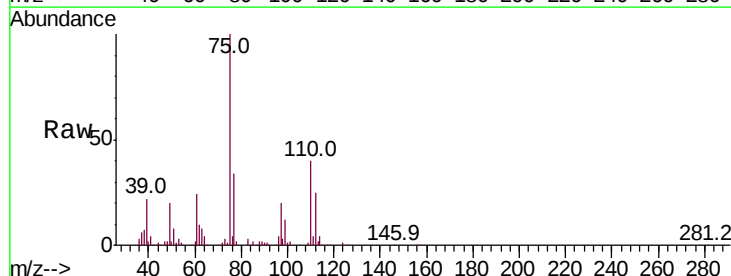
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

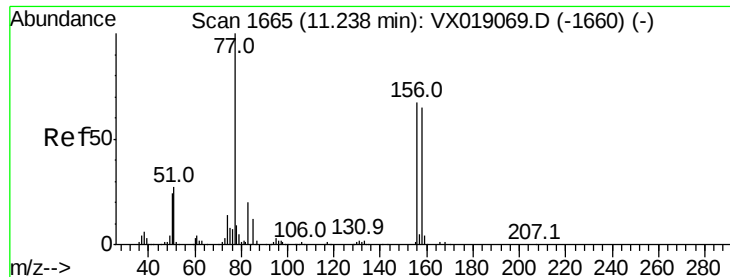
Tot Ion: 83 Resp: 73070
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 64.0 32.5 97.4



#72
 1,2,3-Trichloropropane
 Concen: 27.030 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion: 75 Resp: 84049
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 81.8





#73

Bromobenzene

Concen: 19.205 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

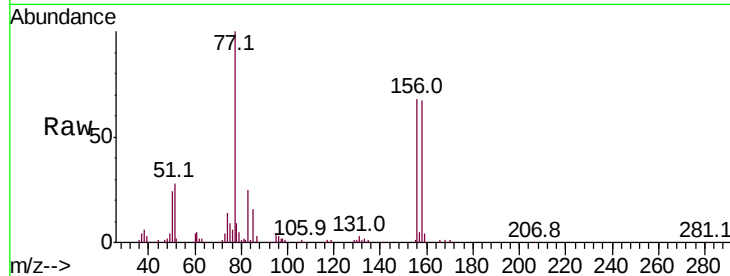
Tot Ion:156 Resp: 56217

Ion Ratio Lower Upper

156 100

77 150.6 0.0 299.6

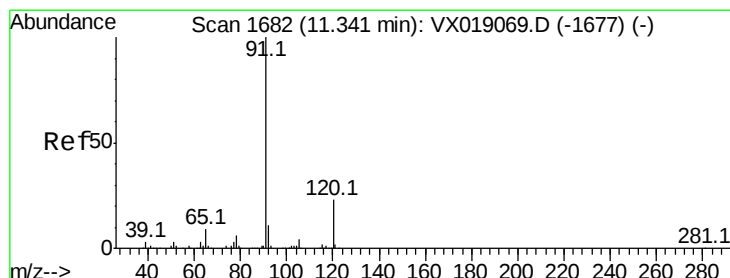
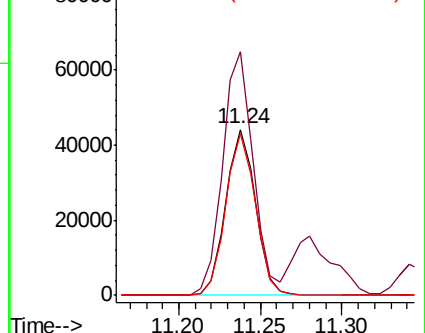
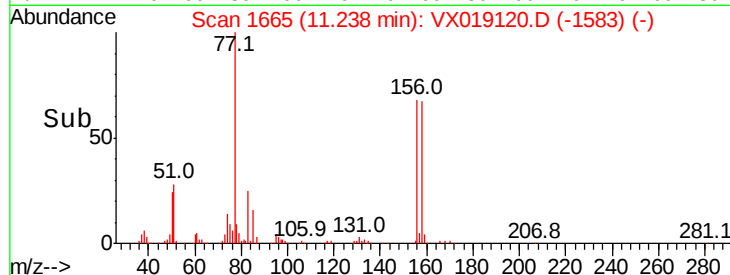
158 97.7 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.984 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019120.D

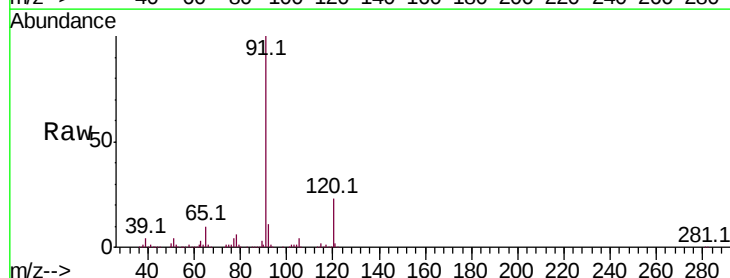
Acq: 26 Oct 2020 15:30

Tgt Ion: 91 Resp: 257456

Ion Ratio Lower Upper

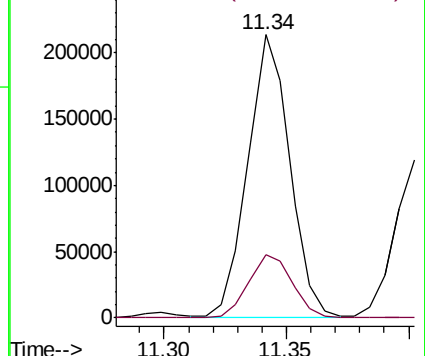
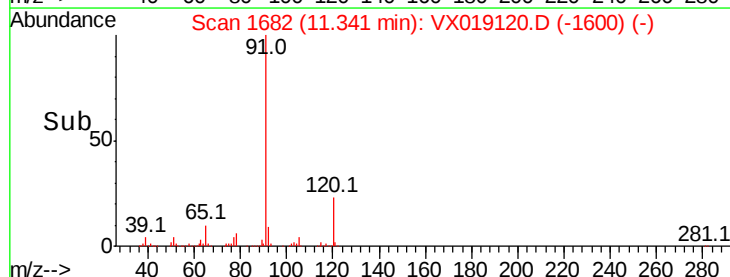
91 100

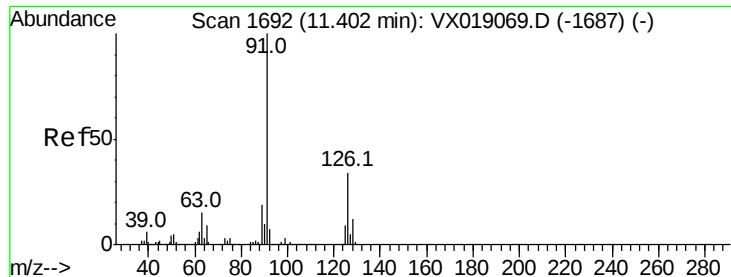
120 23.3 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.362 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

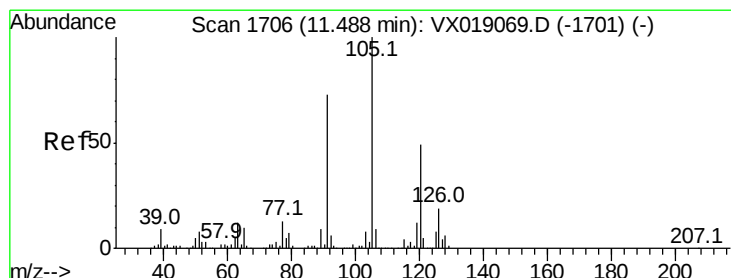
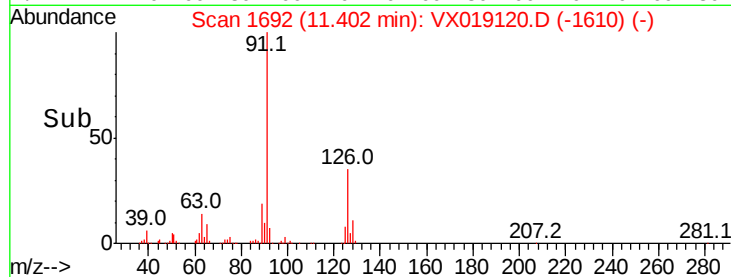
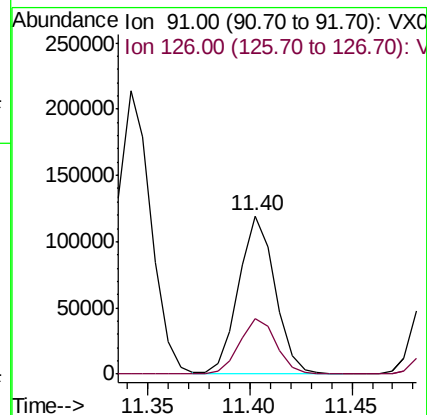
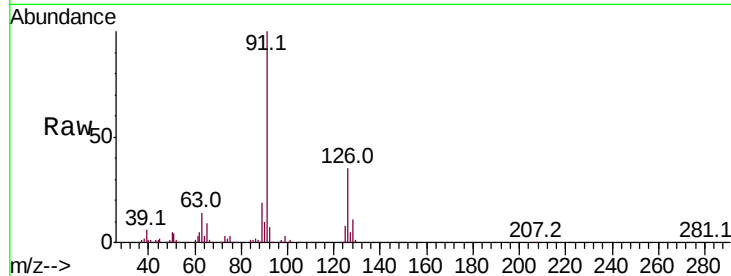
VX1026WBSD01

Tot Ion: 91 Resp: 148526

Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.339 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019120.D

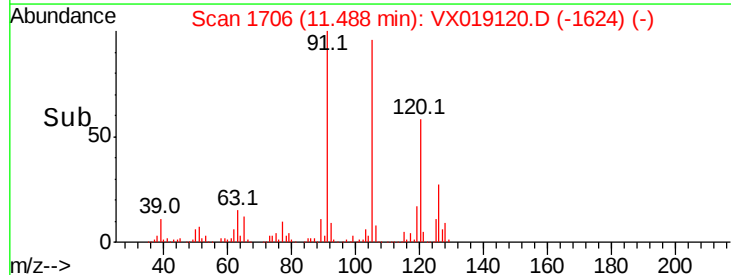
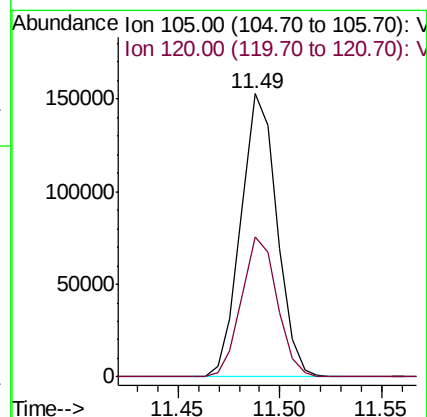
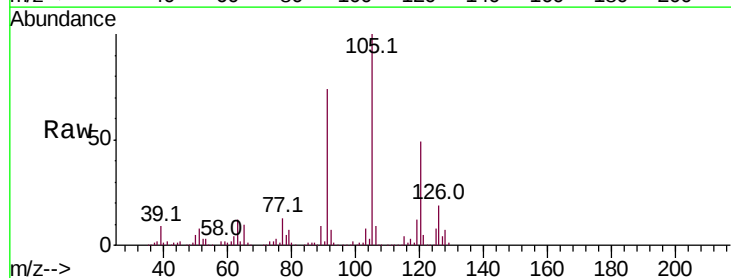
Acq: 26 Oct 2020 15:30

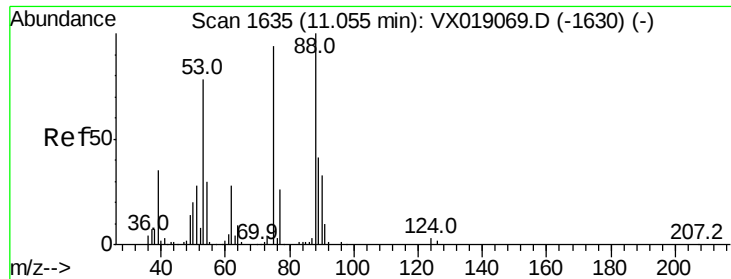
Tgt Ion: 105 Resp: 187949

Ion Ratio Lower Upper

105 100

120 49.1 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 18.685 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

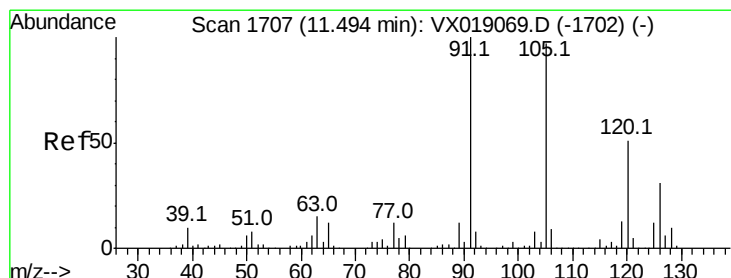
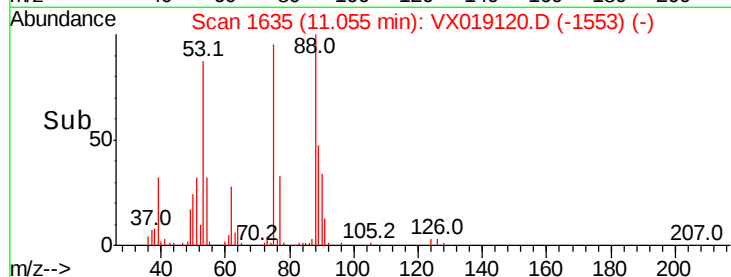
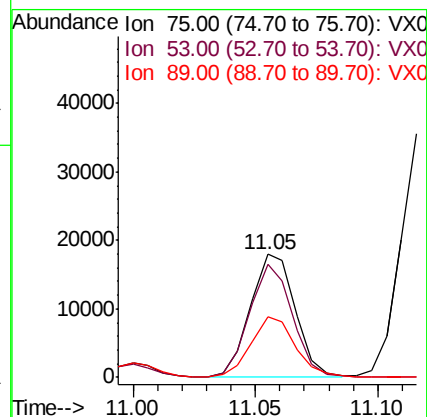
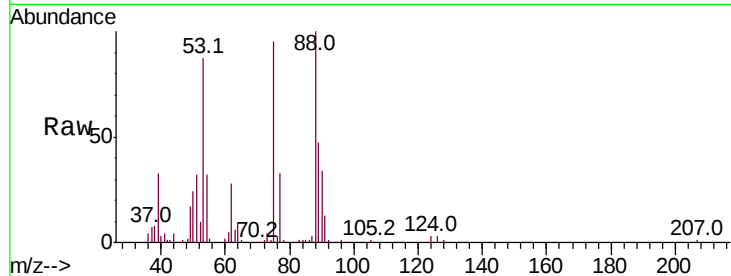
Tot Ion: 75 Resp: 23074

Ion Ratio Lower Upper

75 100

53 92.0 41.6 124.8

89 49.1 21.8 65.3



#78

4-Chlorotoluene

Concen: 19.743 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019120.D

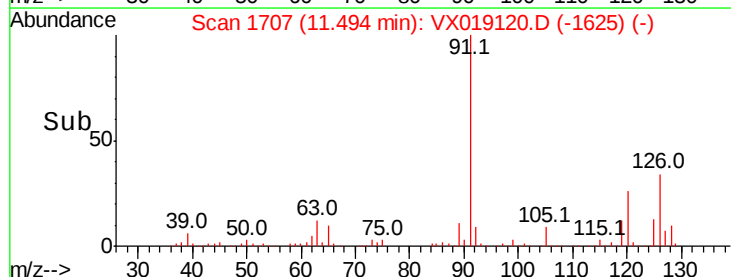
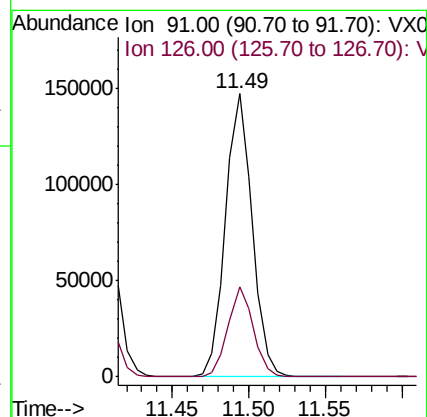
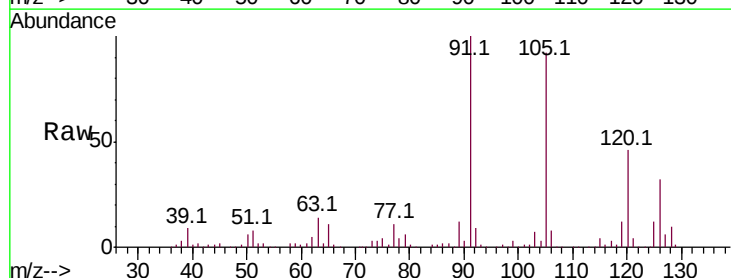
Acq: 26 Oct 2020 15:30

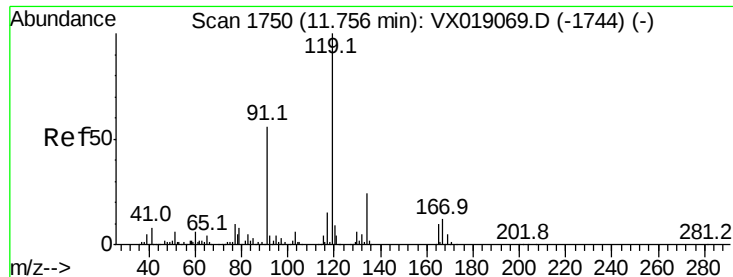
Tgt Ion: 91 Resp: 177974

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.2

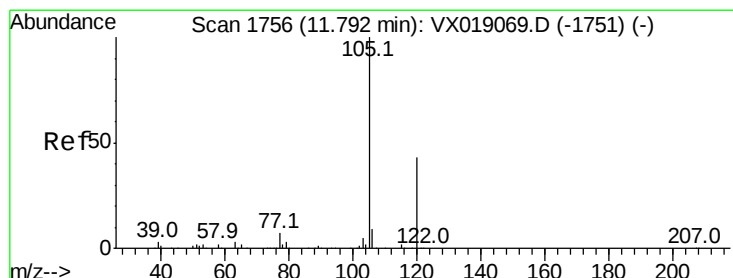
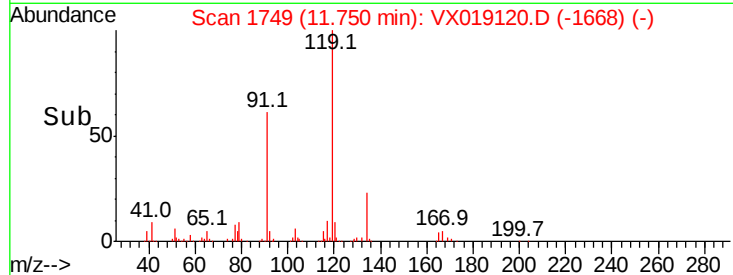
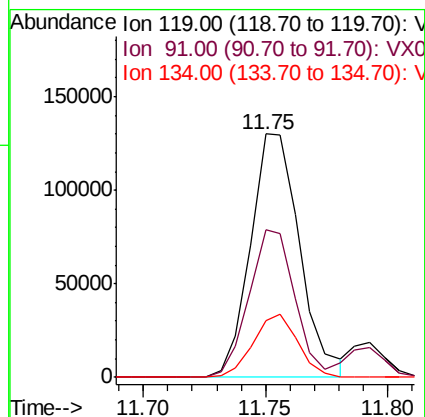
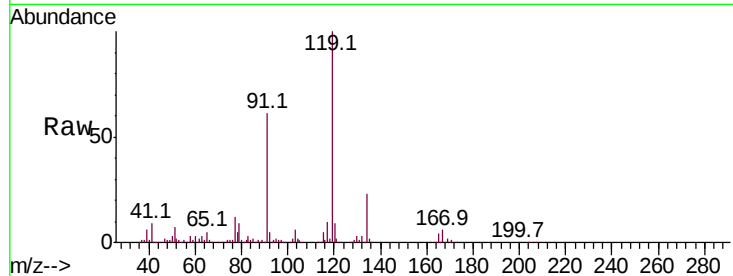




#79
tert-butylbenzene
Concen: 19.145 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

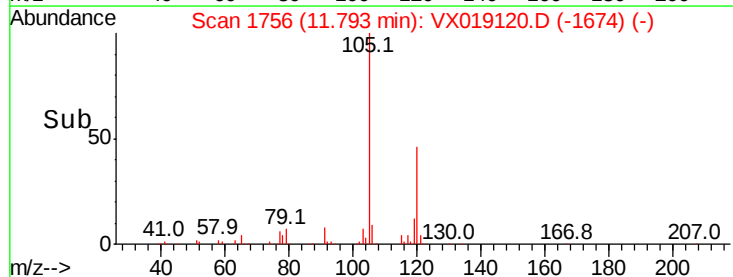
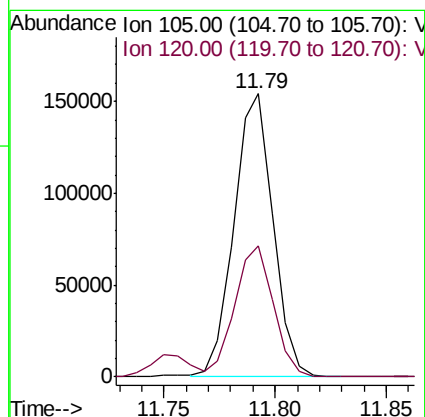
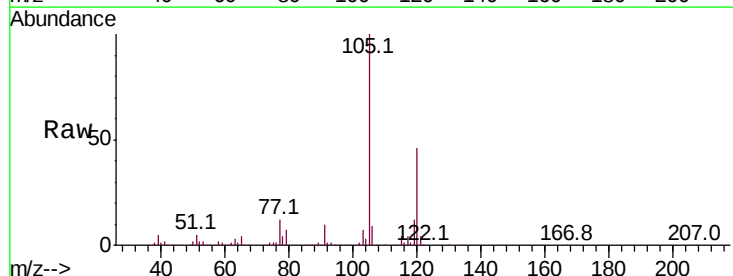
Instrument :
MSVOA_X
ClientSampled :
VX1026WBSD01

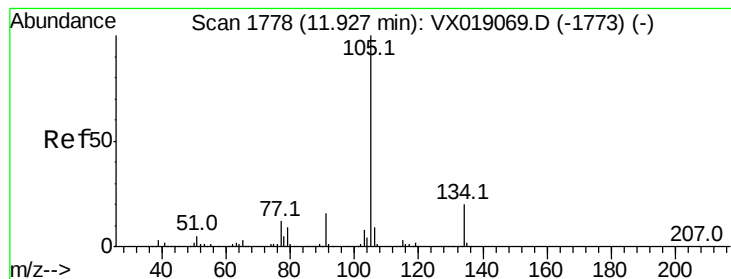
Tot Ion:119 Resp: 183222
Ion Ratio Lower Upper
119 100
91 56.3 0.0 111.4
134 23.6 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 19.435 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion:105 Resp: 187765
Ion Ratio Lower Upper
105 100
120 45.9 0.0 92.0





#81

sec-Butylbenzene

Concen: 19.587 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

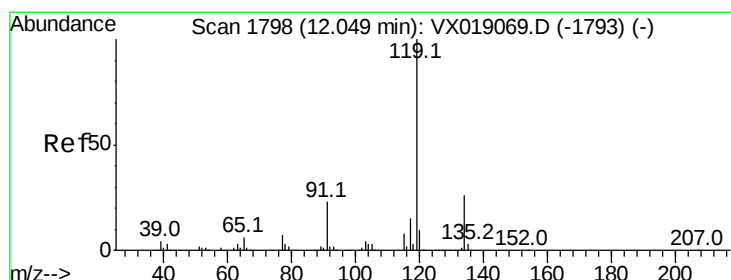
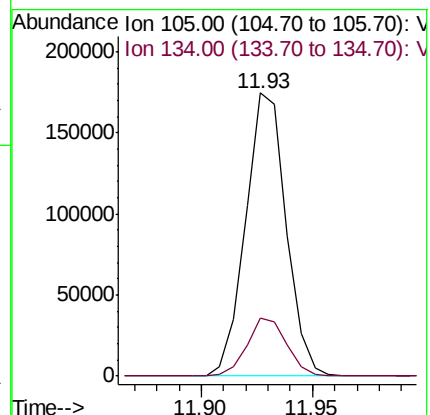
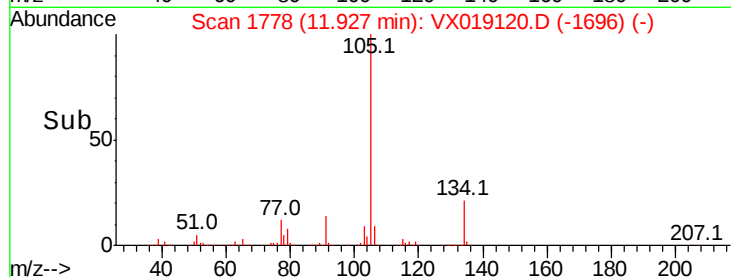
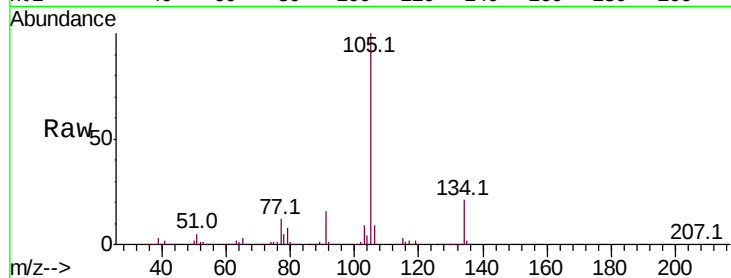
VX1026WBSD01

Tot Ion:105 Resp: 221815

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.8



#82

p-Isopropyltoluene

Concen: 19.601 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

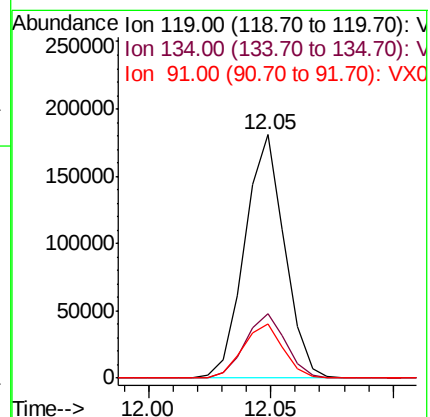
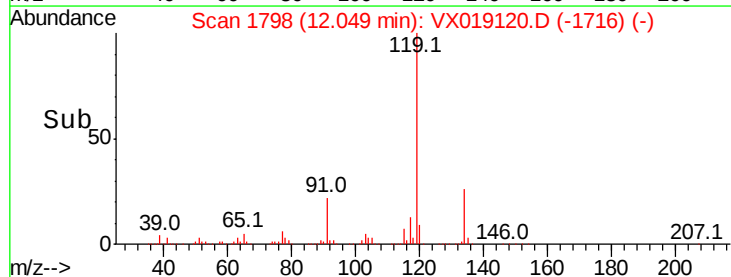
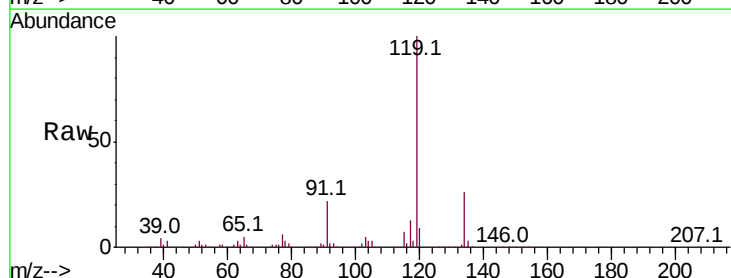
Tgt Ion:119 Resp: 204571

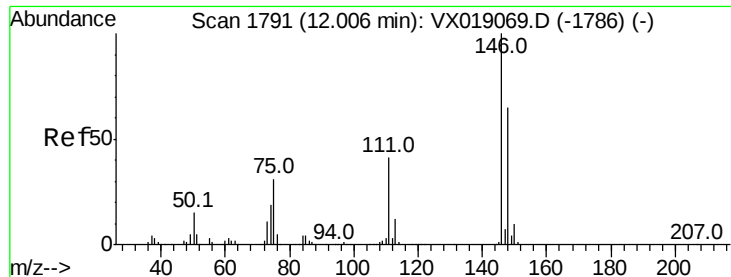
Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.0

91 22.8 0.0 45.6

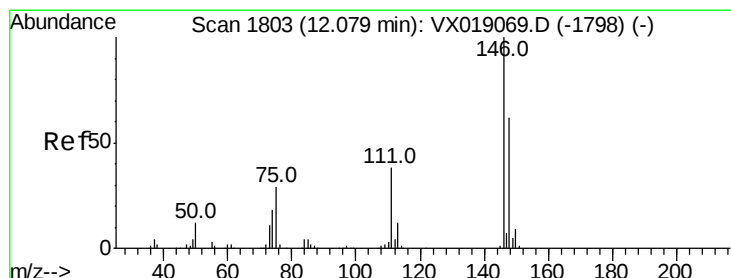
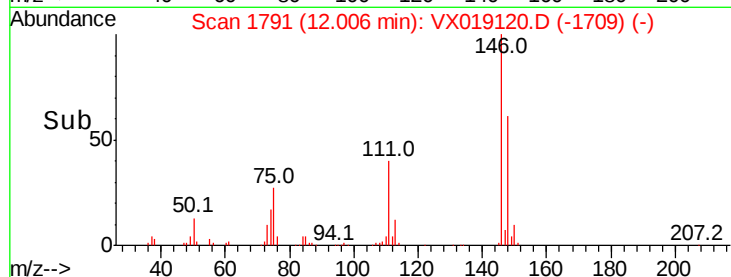
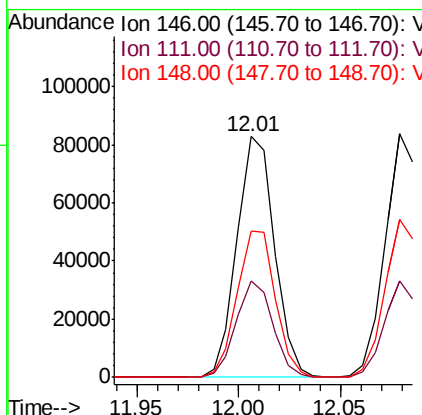
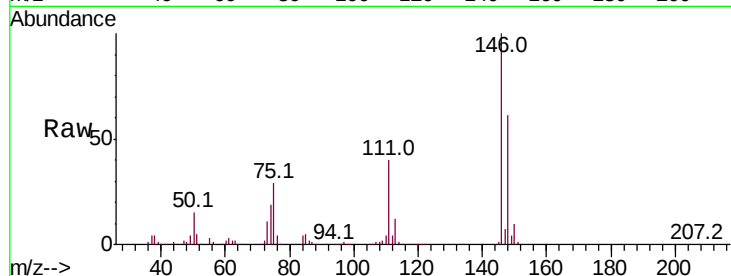




#83
 1,3-Dichlorobenzene
 Concen: 20.324 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

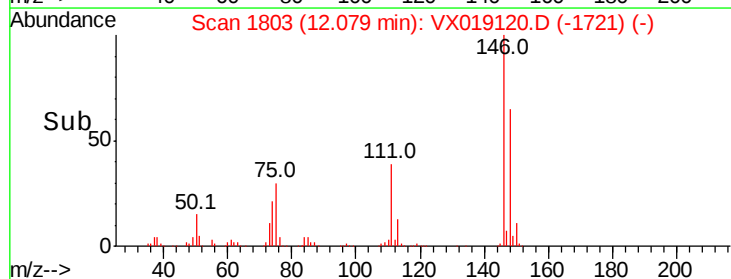
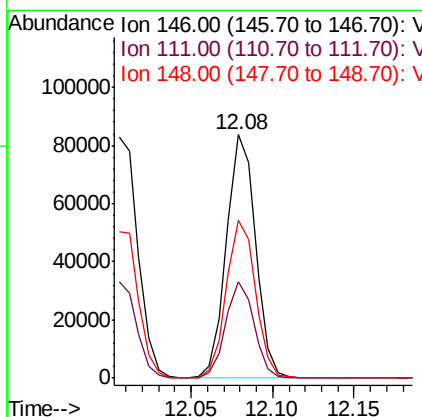
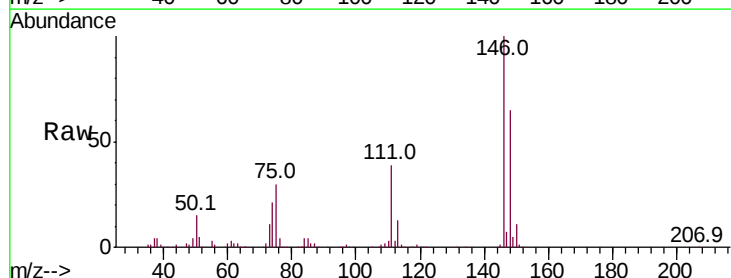
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

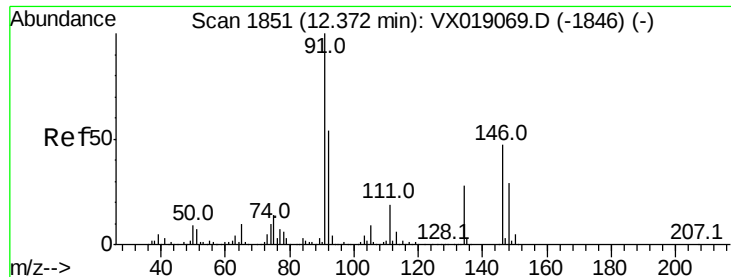
Tot Ion:146 Resp: 106326
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 62.1 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.631 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion:146 Resp: 104276
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.7
 148 64.9 31.6 95.0

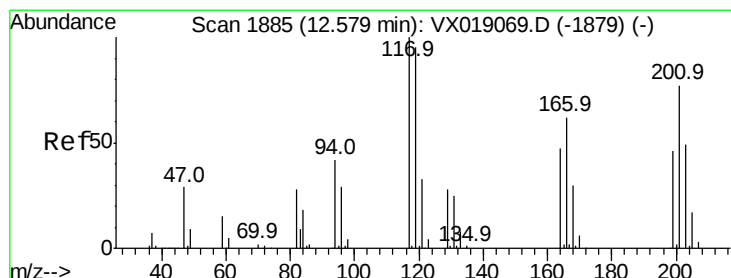
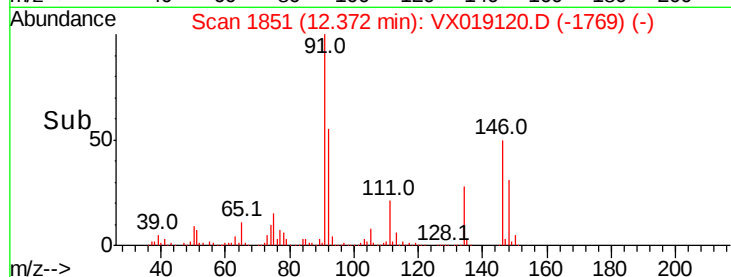
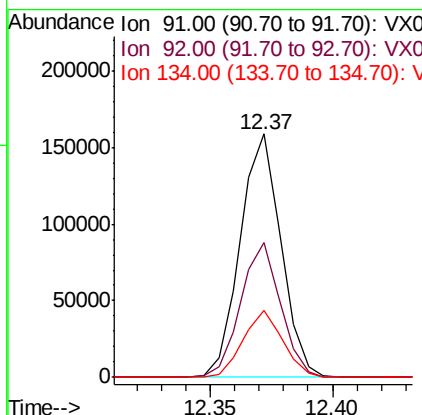
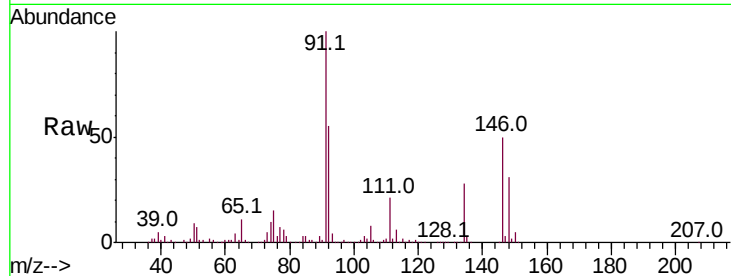




#85
n-Butylbenzene
Concen: 19.651 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

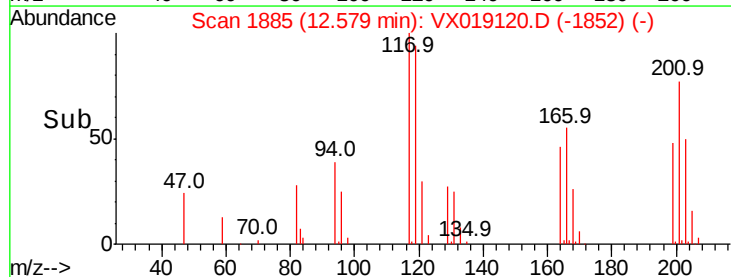
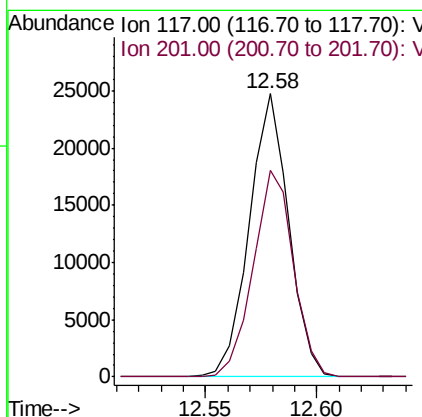
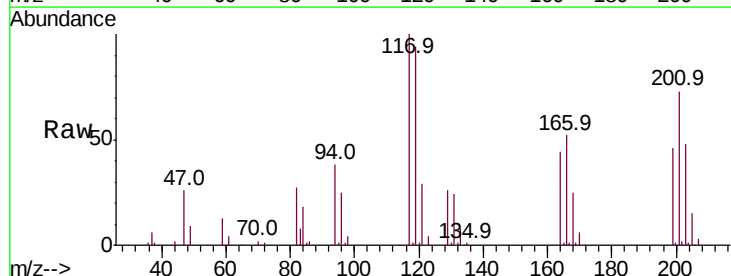
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBSD01

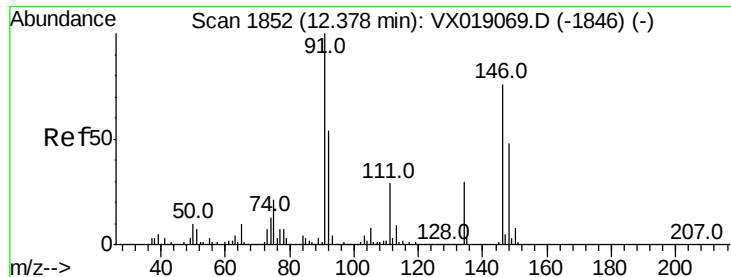
Tot Ion: 91 Resp: 183638
Ion Ratio Lower Upper
91 100
92 54.1 0.0 107.4
134 26.9 0.0 54.6



#86
Hexachloroethane
Concen: 19.033 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019120.D
Acq: 26 Oct 2020 15:30

Tgt Ion: 117 Resp: 30510
Ion Ratio Lower Upper
117 100
201 74.4 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 20.369 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

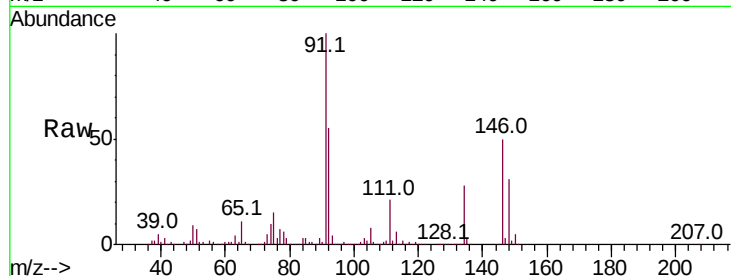
Tot Ion:146 Resp: 102019

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

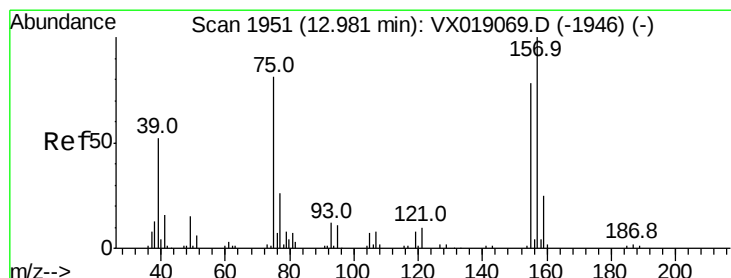
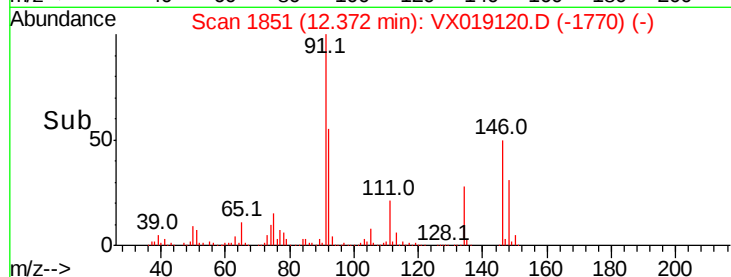
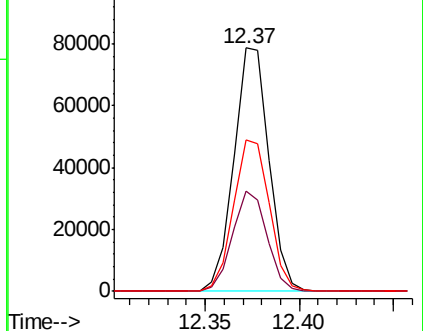
148 63.1 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.785 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

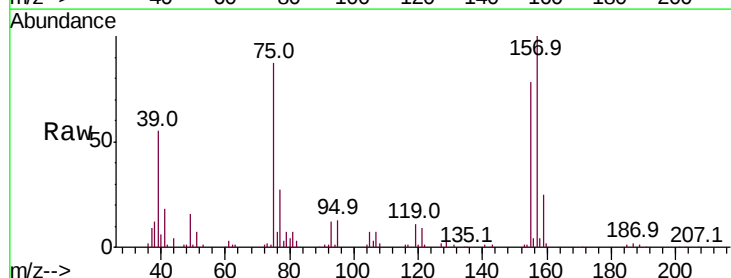
Tgt Ion: 75 Resp: 15483

Ion Ratio Lower Upper

75 100

155 91.0 73.7 110.5

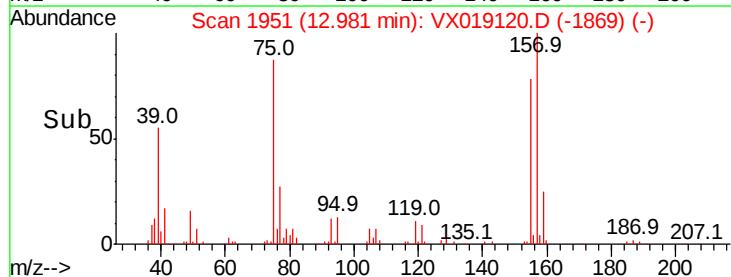
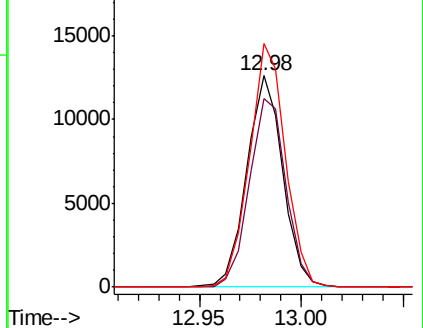
157 115.1 96.5 144.7

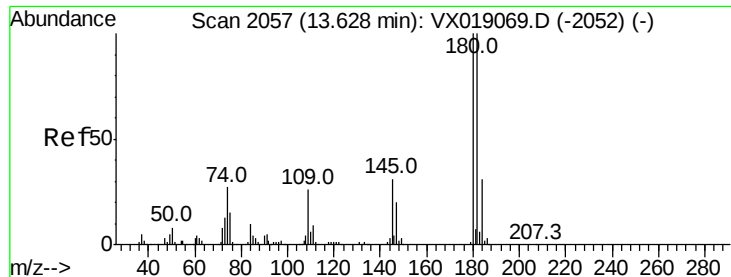


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

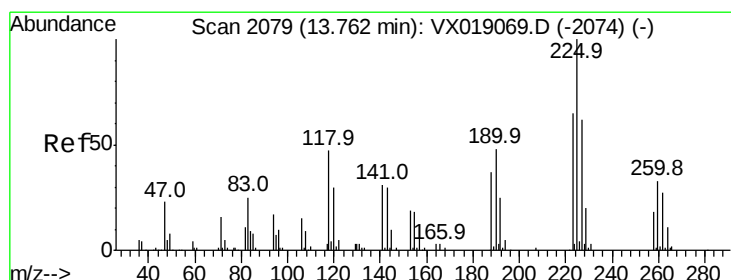
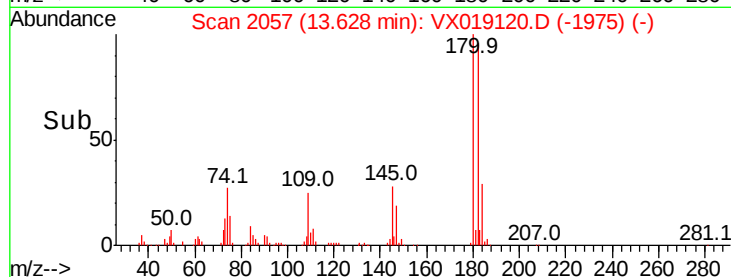
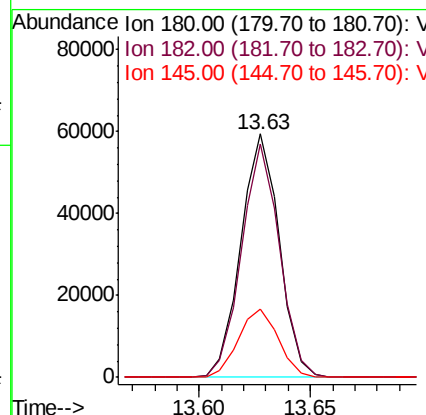
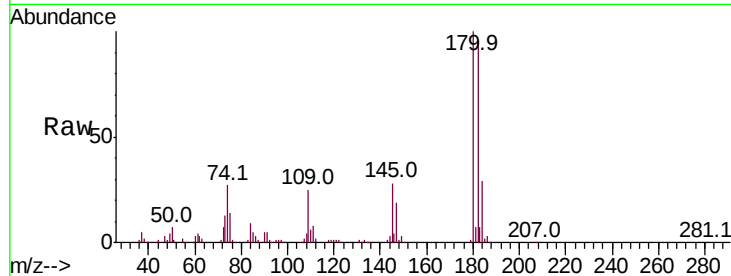




#89
 1,2,4-Trichlorobenzene
 Concen: 19.760 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

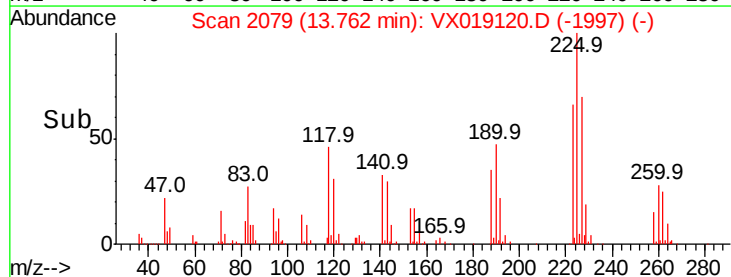
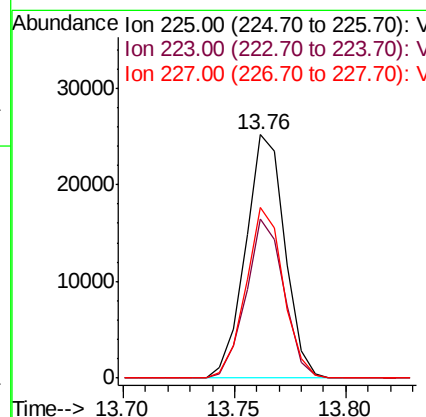
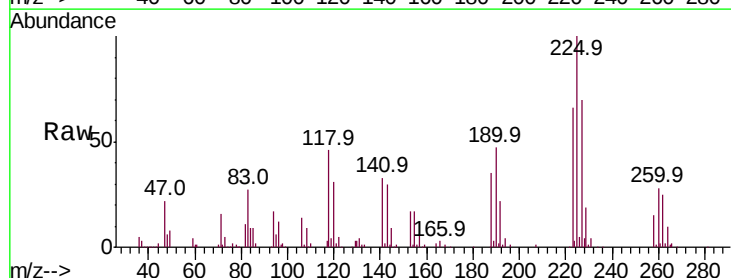
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBSD01

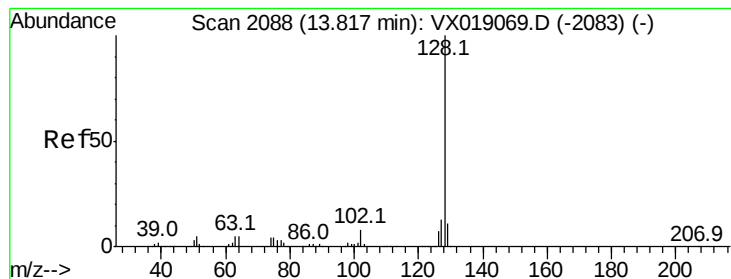
Tot Ion:180 Resp: 71221
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.5 114.7
 145 29.2 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 20.348 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019120.D
 Acq: 26 Oct 2020 15:30

Tgt Ion:225 Resp: 31096
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 130.0
 227 66.8 0.0 128.6





#91

Naphthalene

Concen: 19.113 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBSD01

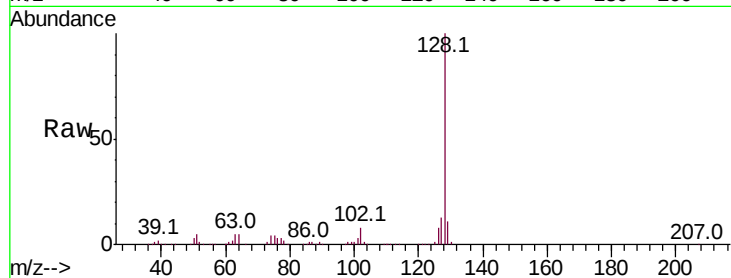
Tot Ion:128 Resp: 225514

Ion Ratio Lower Upper

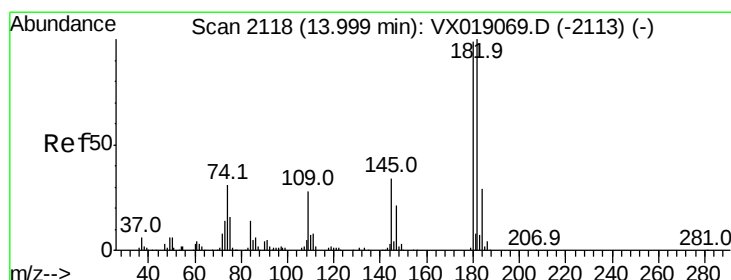
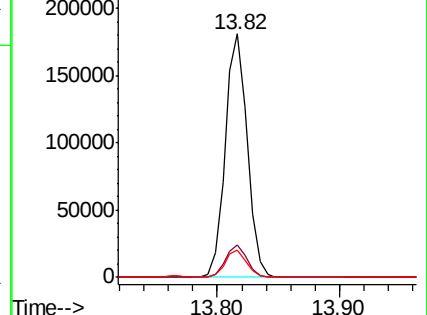
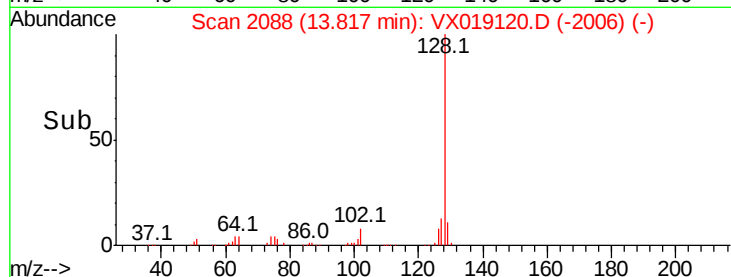
128 100

127 13.2 10.6 16.0

129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.366 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019120.D

Acq: 26 Oct 2020 15:30

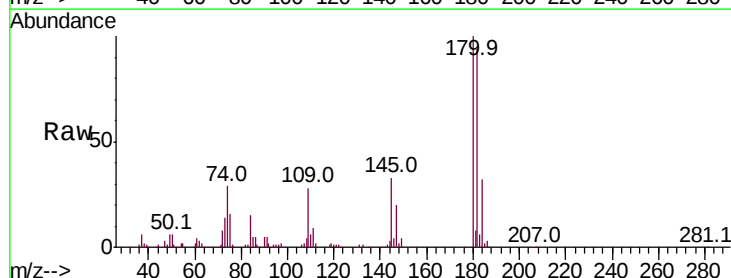
Tgt Ion:180 Resp: 67144

Ion Ratio Lower Upper

180 100

182 99.1 0.0 192.4

145 33.2 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

