

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019119.D
 Acq On : 26 Oct 2020 15:02
 Operator : JC/SP
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 27 05:17:31 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	42830	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	247242	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	223211	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87598	30.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.37%
60) 4-Bromofluorobenzene	11.12	95	102419	30.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.90%
63) Toluene-d8	8.70	98	293148	29.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39198	18.211	ug/l 100
3) Chloromethane	1.31	50	35557	18.283	ug/l 98
4) Vinyl Chloride	1.39	62	46685	18.315	ug/l 98
5) Bromomethane	1.64	94	42850	21.866	ug/l 99
6) Chloroethane	1.72	64	31615	18.303	ug/l 99
7) Trichlorofluoromethane	1.92	101	82135	18.505	ug/l 99
8) Diethyl Ether	2.17	74	31794	19.110	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42092	19.847	ug/l 100
10) 1,1-Dichloroethene	2.36	96	41342	19.175	ug/l 99
11) Methyl Iodide	2.49	142	40604	21.672	ug/l 96
12) Methyl Acetate	2.75	43	42237	19.789	ug/l 99
13) Acrolein	2.27	56	21339	108.581	ug/l 91
14) Acrylonitrile	3.11	53	99387	99.117	ug/l 99
15) Acetone	2.42	58	32172	112.002	ug/l 96
16) Carbon Disulfide	2.55	76	95271	15.898	ug/l 100
17) Allyl chloride	2.70	41	52399	19.456	ug/l 96
18) Methylene Chloride	2.83	84	48435	19.699	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	46484	18.460	ug/l 98
20) Diisopropyl ether	3.82	45	106008	19.430	ug/l 95
21) 1,1-Dichloroethane	3.67	63	77211	19.276	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	55438	19.006	ug/l 98
23) tert-Butyl Alcohol	3.01	59	51705	106.361	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	132994	19.508	ug/l 100
25) Chloroform	5.17	83	86227	19.428	ug/l 98
26) Cyclohexane	5.54	56	56097	18.022	ug/l # 98
29) 1,1-Dichloropropene	5.76	75	61687	17.686	ug/l 99
30) 2-Butanone	4.63	43	137603	99.029	ug/l 99
31) 2,2-Dichloropropane	4.54	77	75483	18.914	ug/l 100
32) 1,1,1-Trichloroethane	5.45	97	76996	18.366	ug/l 99
33) Carbon Tetrachloride	5.74	117	65607	18.033	ug/l 99
34) Benzene	6.10	78	188460	18.364	ug/l 96
35) Methacrylonitrile	5.00	41	28665	19.056	ug/l 97
36) 1,2-Dichloroethane	6.16	62	65274	18.541	ug/l 100
37) Trichloroethene	7.18	130	54880	18.604	ug/l 99
38) Methylcyclohexane	7.43	83	70250	17.968	ug/l 99
39) 1,2-Dichloropropane	7.48	63	45498	19.099	ug/l 97
40) Dibromomethane	7.63	93	34557	18.691	ug/l 99

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 Data File : VX019119.D
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 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 27 05:17:31 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)
41) Bromodichloromethane	7.87	83	68243	18.670	ug/l	97
42) Vinyl Acetate	3.78	43	503405	93.109	ug/l	100
43) Ethyl Acetate	4.79	43	53652	18.406	ug/l	99
44) Isopropyl Acetate	6.40	43	91182	18.680	ug/l	100
45) 1,4-Dioxane	7.72	88	20455	398.683	ug/l	97
46) Methyl methacrylate	7.74	41	42237	18.282	ug/l	98
47) n-amyl Acetate	10.88	43	72421	18.497	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	74012	18.087	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	79939	18.358	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	50642	18.911	ug/l	99
51) Ethyl methacrylate	9.16	69	70772	18.112	ug/l	96
52) 1,3-Dichloropropane	9.35	76	82085	18.816	ug/l	100
53) Dibromochloromethane	9.56	129	54836	18.395	ug/l	99
54) 1,2-Dibromoethane	9.65	107	52075	17.896	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	191829	91.864	ug/l	100
56) Bromoform	10.84	173	37895	18.183	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	271239	96.360	ug/l	100
59) 2-Hexanone	9.47	43	207886	99.108	ug/l	99
61) Tetrachloroethene	9.32	164	51352	19.392	ug/l	95
62) Toluene	8.76	91	213789	18.224	ug/l	98
64) Chlorobenzene	10.12	112	135747	18.615	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	48855	18.421	ug/l	98
66) Ethyl Benzene	10.23	91	236385	18.379	ug/l	98
67) m/p-Xylenes	10.34	106	183884	37.489	ug/l	100
68) o-Xylene	10.68	106	87877	18.785	ug/l	99
69) Styrene	10.70	104	147438	18.706	ug/l	99
70) Isopropylbenzene	11.00	105	237176	18.856	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	73908	20.353	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	85028	26.038	ug/l	85
73) Bromobenzene	11.24	156	58500	19.030	ug/l	99
74) n-propylbenzene	11.34	91	275587	19.350	ug/l	99
75) 2-Chlorotoluene	11.40	91	157277	19.523	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	196285	19.231	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	23618	18.211	ug/l	95
78) 4-Chlorotoluene	11.49	91	184386	19.477	ug/l	100
79) tert-butylbenzene	11.75	119	191501	19.053	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	196377	19.355	ug/l	100
81) sec-Butylbenzene	11.93	105	235282	19.784	ug/l	99
82) p-Isopropyltoluene	12.05	119	215010	19.617	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108329	19.717	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	110873	19.875	ug/l	99
85) n-Butylbenzene	12.37	91	193897	19.757	ug/l	99
86) Hexachloroethane	12.58	117	31219	18.544	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	105933	20.140	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15578	18.954	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	74229	19.610	ug/l	99
90) Hexachlorobutadiene	13.77	225	32550	20.281	ug/l	98
91) Naphthalene	13.82	128	237082	19.133	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	72653	19.953	ug/l	98

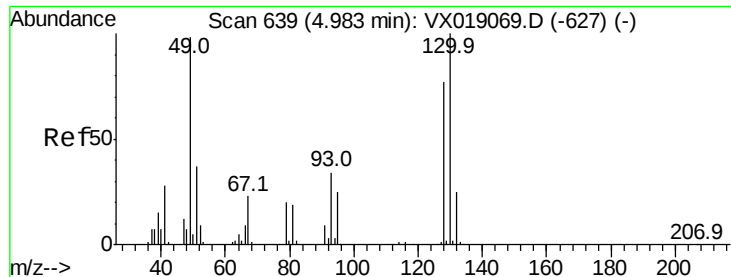
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
Data File : VX019119.D
Acq On : 26 Oct 2020 15:02
Operator : JC/SP
Sample : VX1026WBS01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Quant Time: Oct 27 05:17:31 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)
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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: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

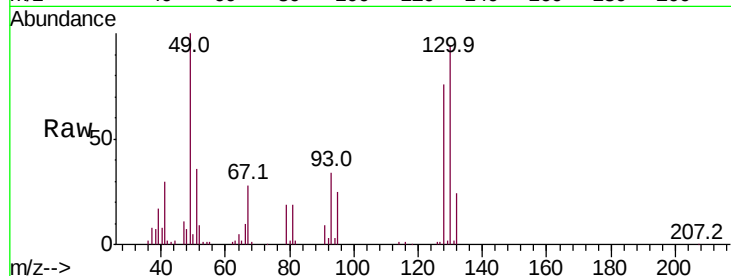
Tot Ion:128 Resp: 42830

Ion Ratio Lower Upper

128 100

49 128.4 0.0 318.8

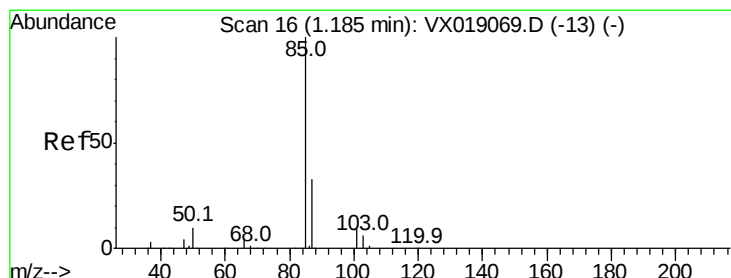
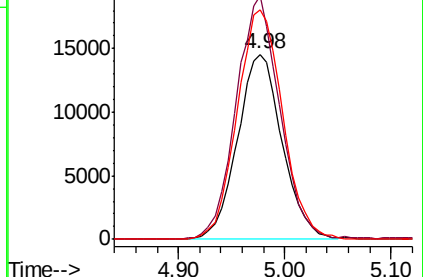
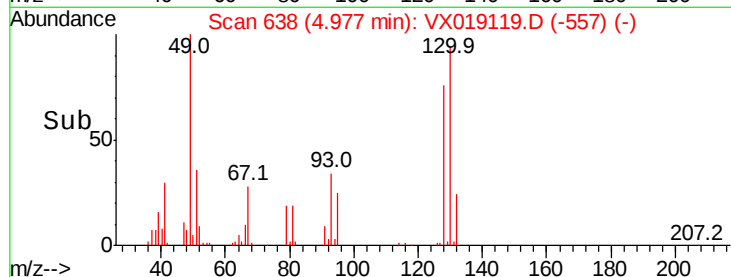
130 126.4 0.0 321.8



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: 18.211 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019119.D

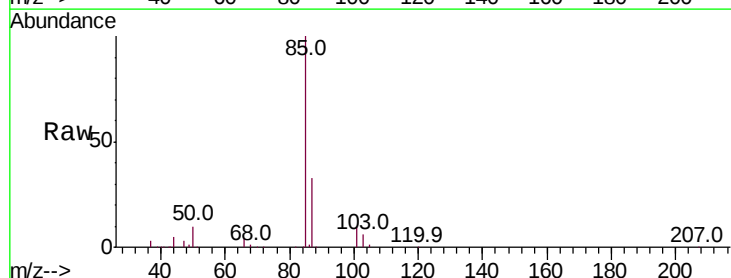
Acq: 26 Oct 2020 15:02

Tgt Ion: 85 Resp: 39198

Ion Ratio Lower Upper

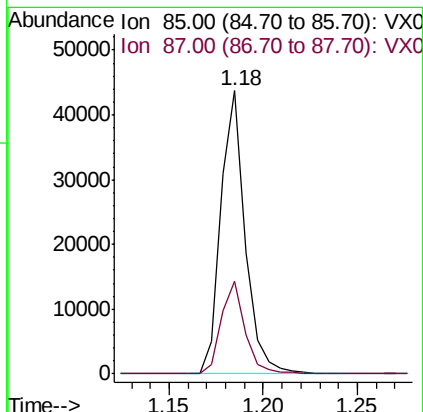
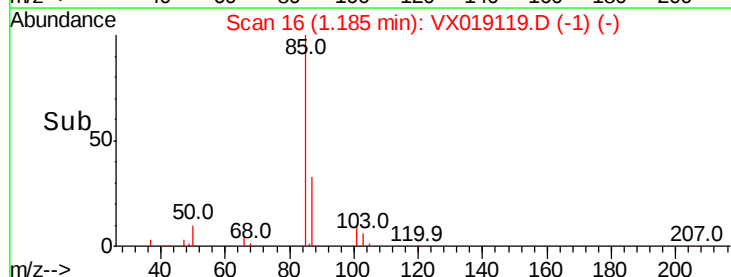
85 100

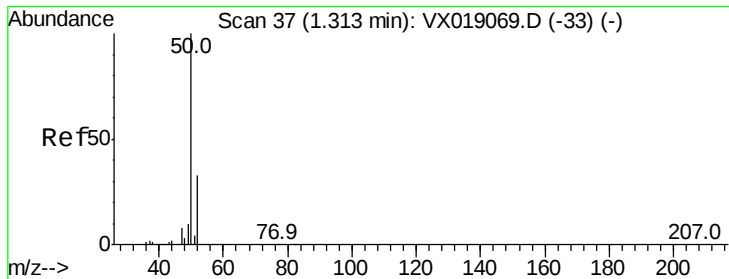
87 32.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.283 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

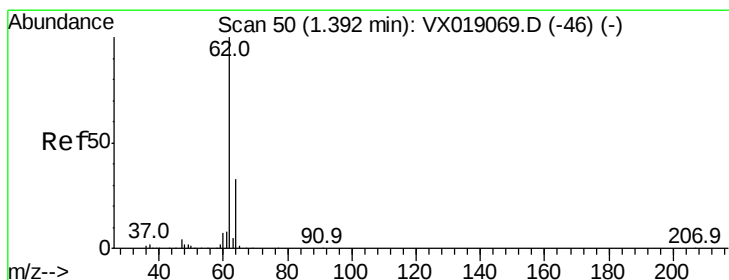
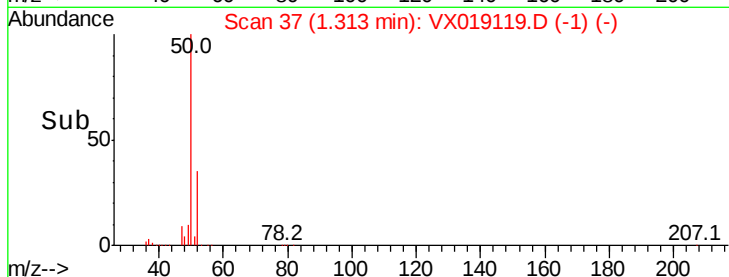
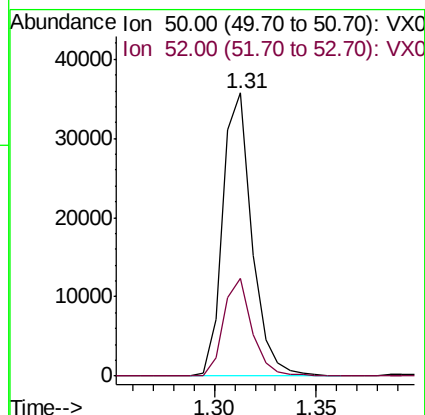
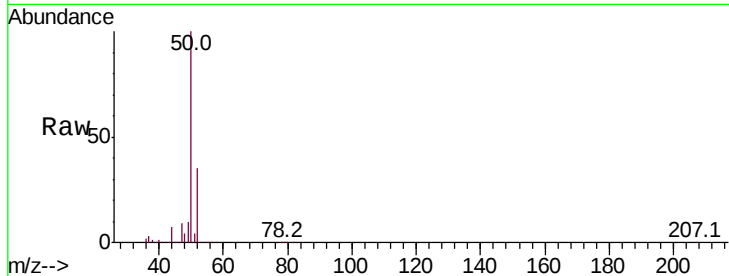
VX1026WBS01

Tot Ion: 50 Resp: 35557

Ion Ratio Lower Upper

50 100

52 34.6 26.7 40.1



#4

Vinyl Chloride

Concen: 18.315 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019119.D

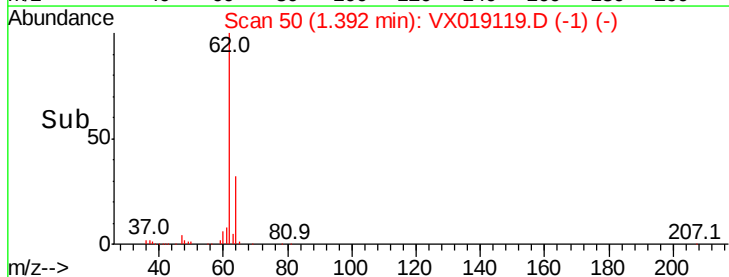
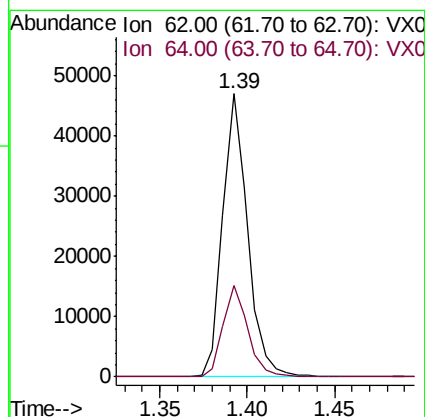
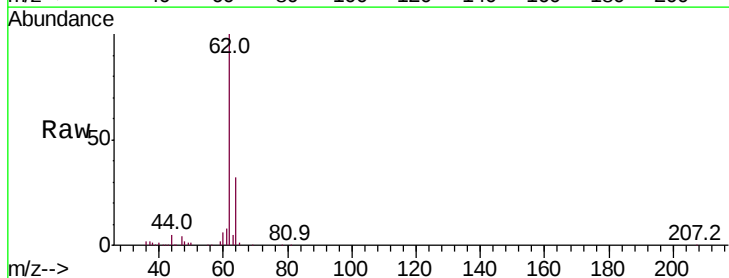
Acq: 26 Oct 2020 15:02

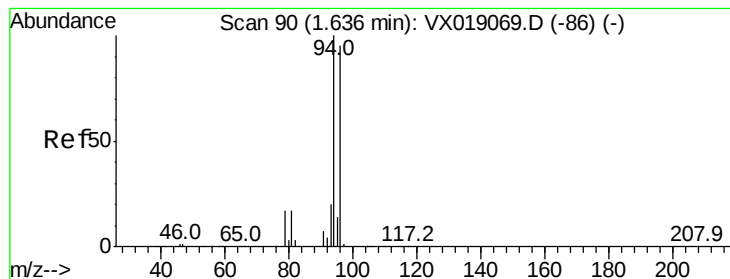
Tgt Ion: 62 Resp: 46685

Ion Ratio Lower Upper

62 100

64 32.3 26.7 40.1





#5

Bromomethane

Concen: 21.866 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

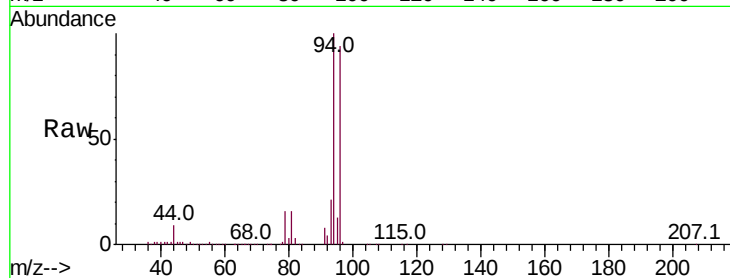
VX1026WBS01

Tot Ion: 94 Resp: 42850

Ion Ratio Lower Upper

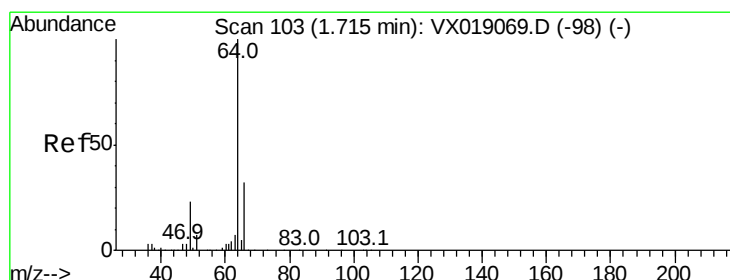
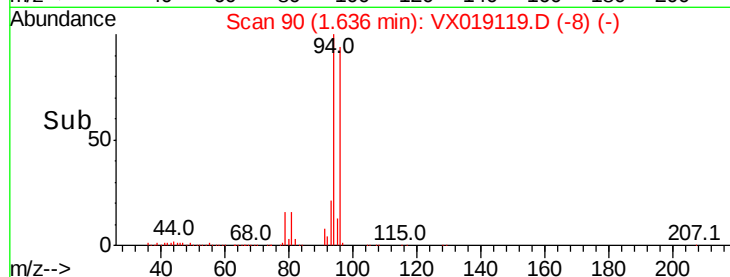
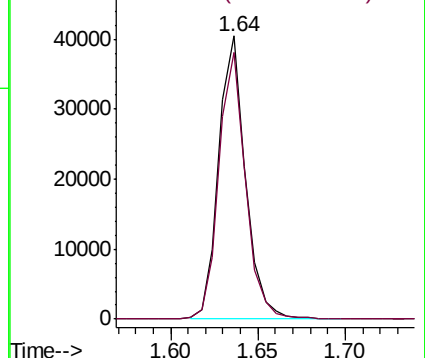
94 100

96 94.1 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.303 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019119.D

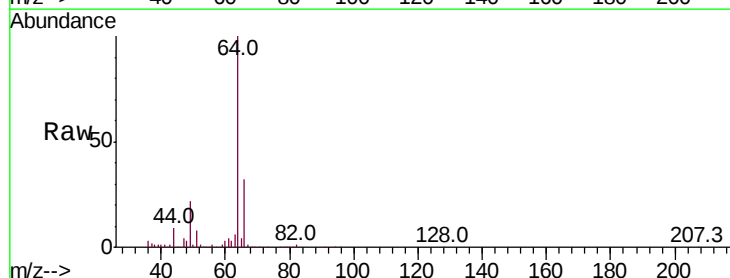
Acq: 26 Oct 2020 15:02

Tgt Ion: 64 Resp: 31615

Ion Ratio Lower Upper

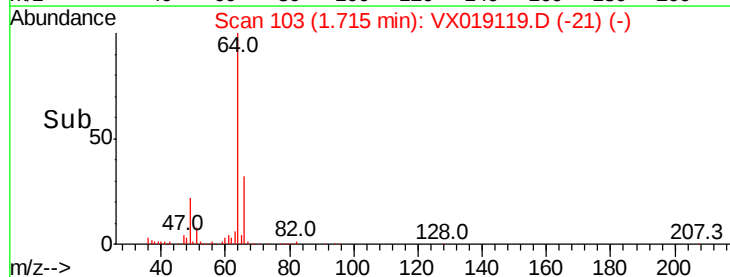
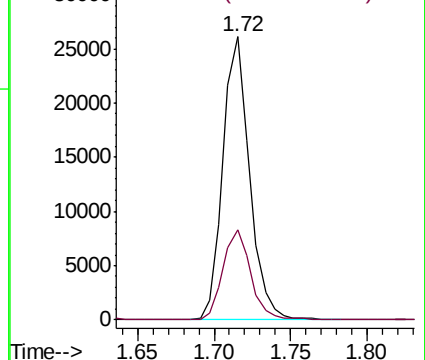
64 100

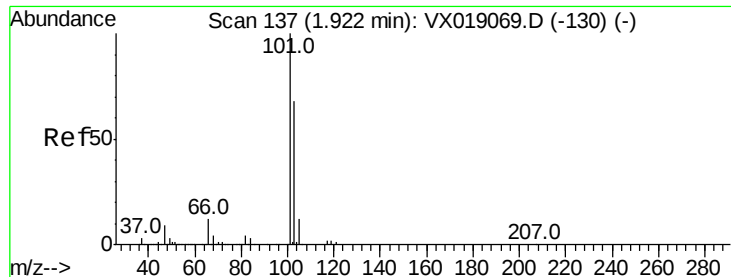
66 32.0 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



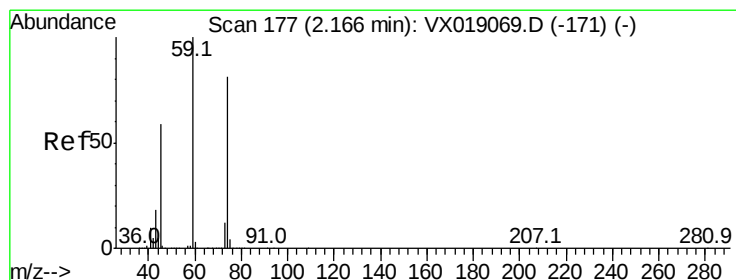
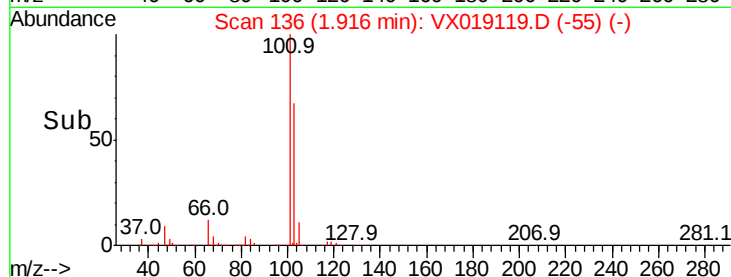
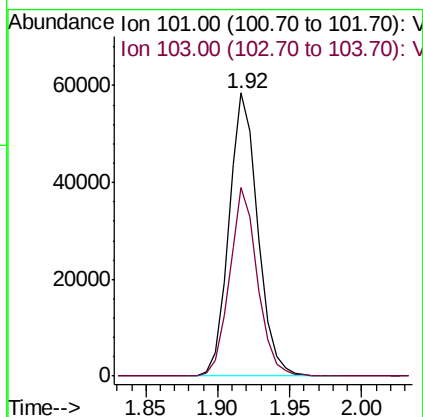
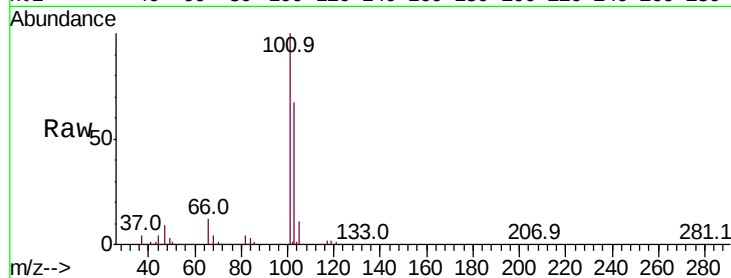


#7

Trichlorofluoromethane
Concen: 18.505 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

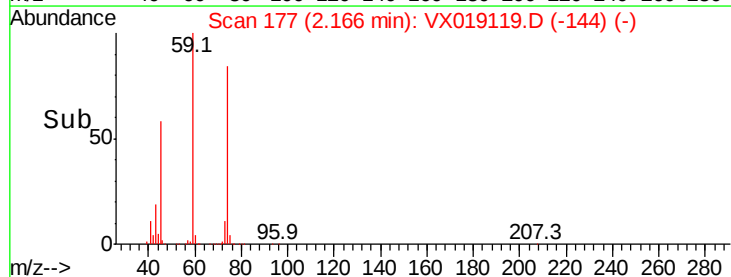
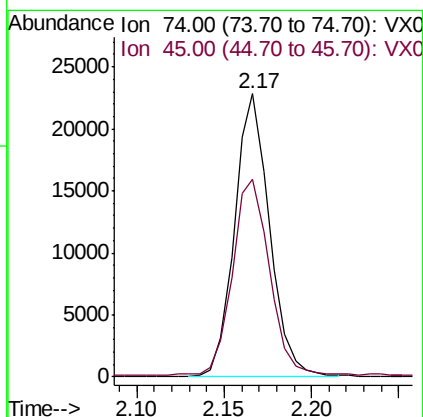
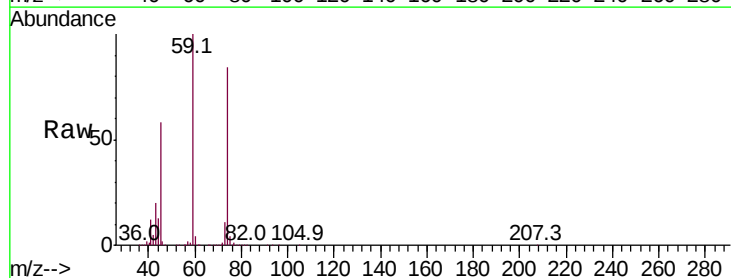
Tot Ion:101 Resp: 82135
Ion Ratio Lower Upper
101 100
103 66.6 54.2 81.4

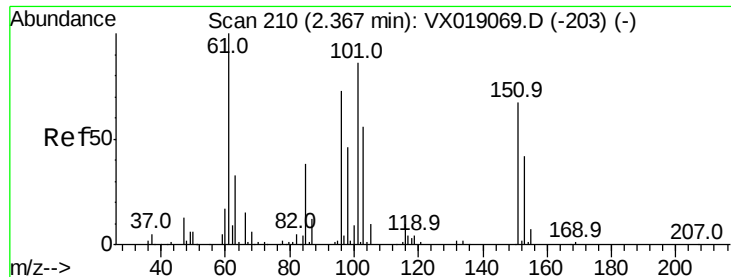


#8

Diethyl Ether
Concen: 19.110 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 74 Resp: 31794
Ion Ratio Lower Upper
74 100
45 73.5 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.847 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

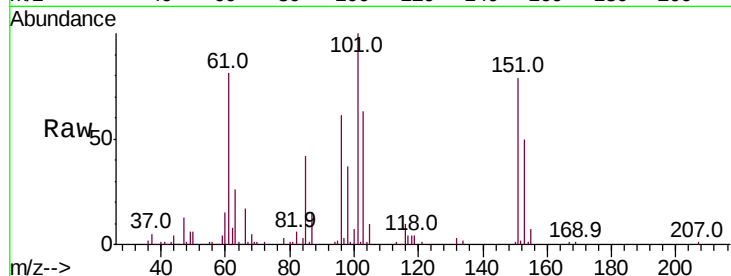
Tot Ion:101 Resp: 42092

Ion Ratio Lower Upper

101 100

85 44.1 0.0 87.0

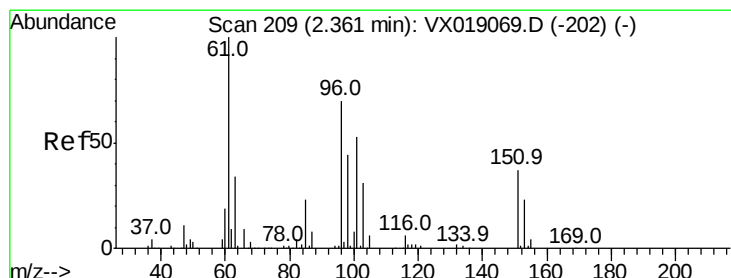
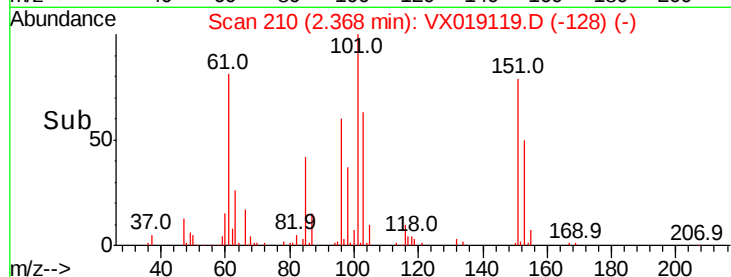
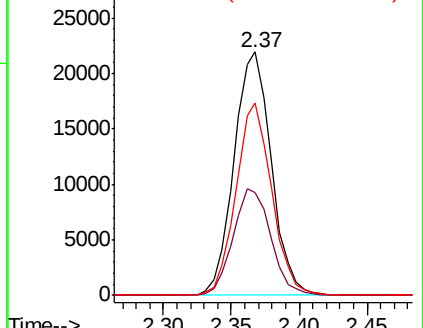
151 75.7 0.0 151.8



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: 19.175 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

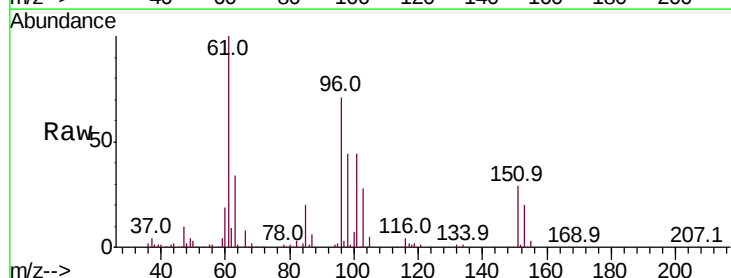
Tgt Ion: 96 Resp: 41342

Ion Ratio Lower Upper

96 100

61 141.3 113.8 170.8

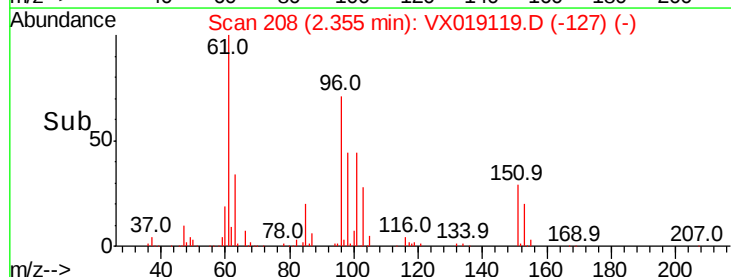
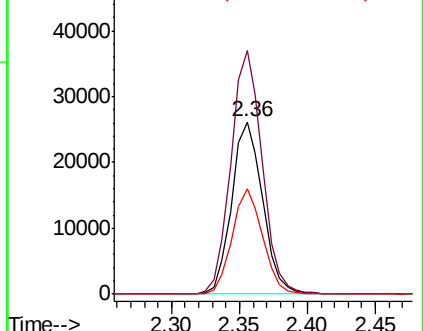
98 61.5 50.4 75.6

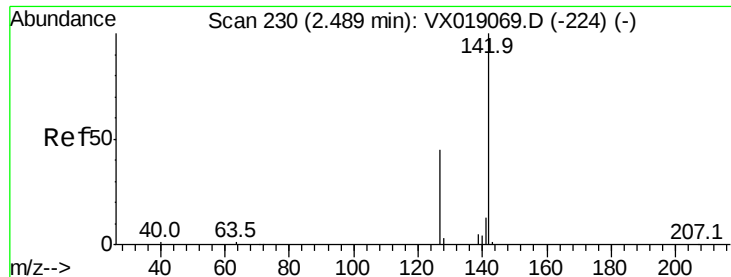


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

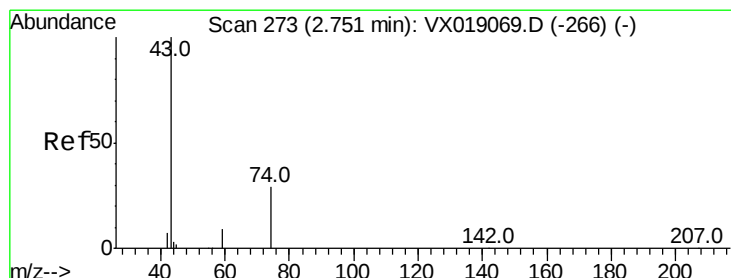
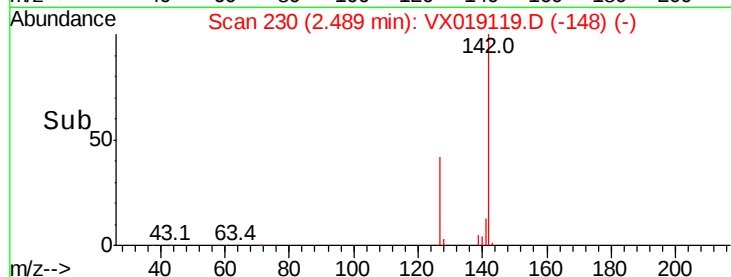
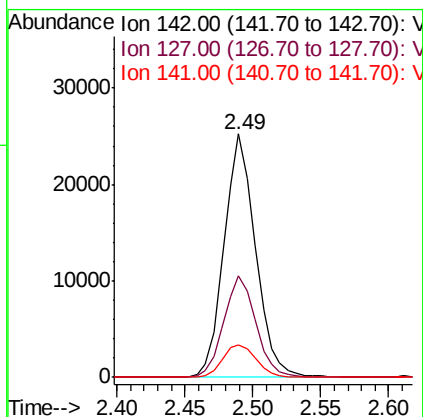
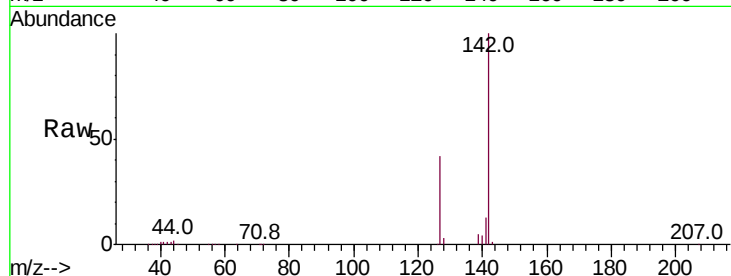




#11
Methyl Iodide
Concen: 21.672 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

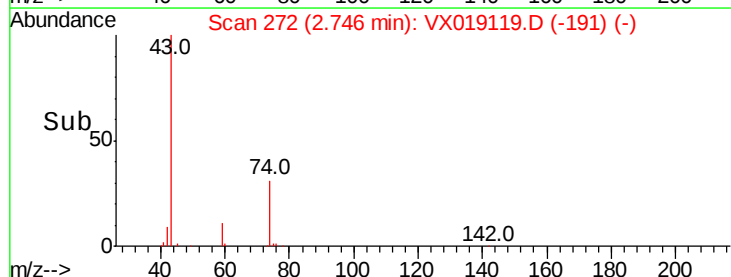
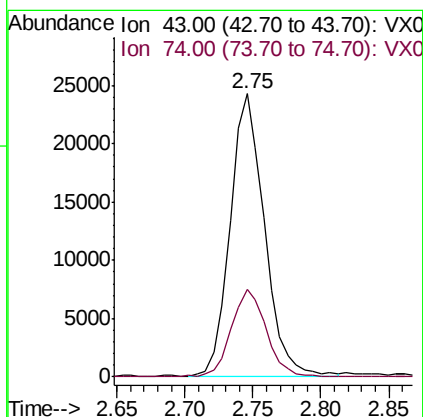
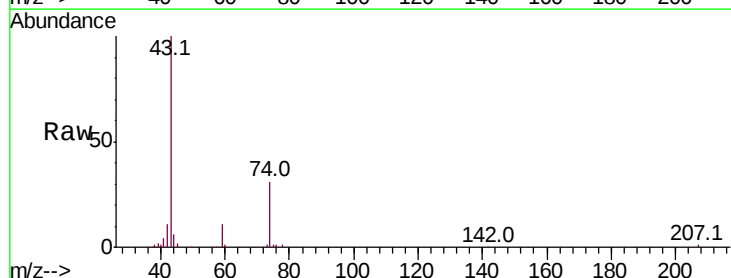
Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

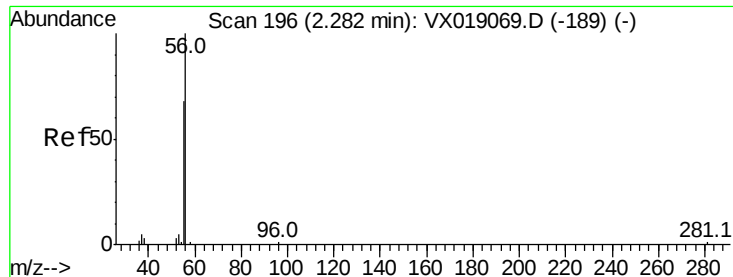
Tot Ion:142 Resp: 40604
Ion Ratio Lower Upper
142 100
127 41.6 22.6 67.7
141 13.2 6.3 19.1



#12
Methyl Acetate
Concen: 19.789 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 43 Resp: 42237
Ion Ratio Lower Upper
43 100
74 30.6 23.9 35.9





#13

Acrolein

Concen: 108.581 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

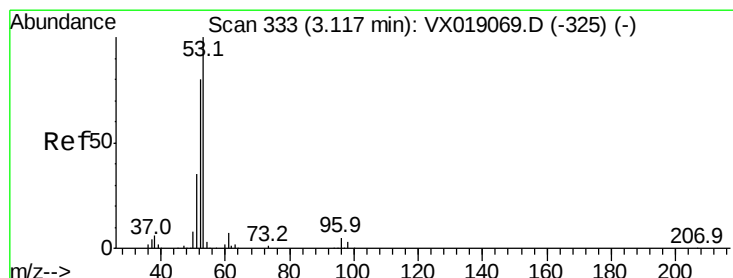
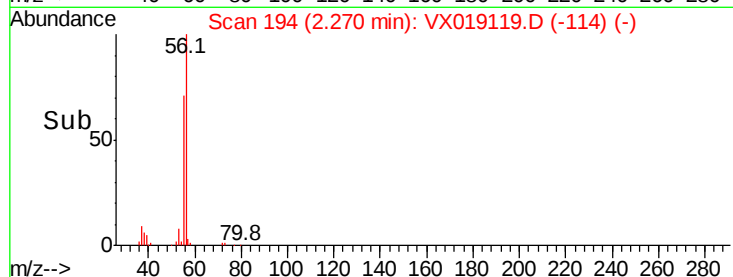
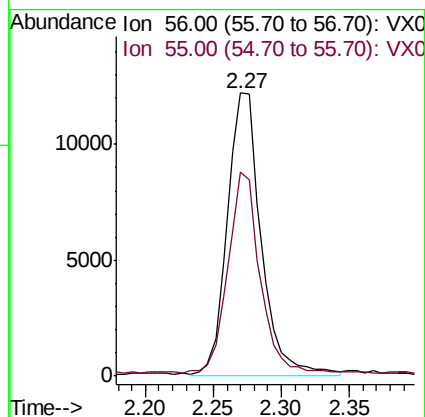
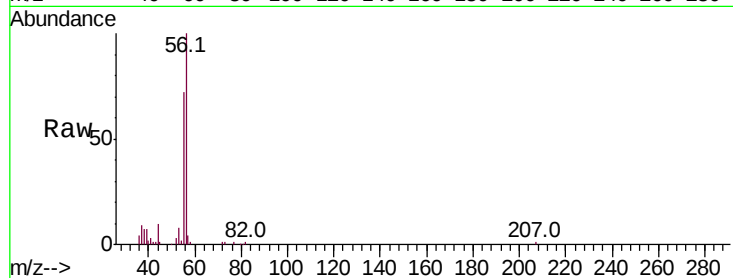
VX1026WBS01

Tot Ion: 56 Resp: 21339

Ion Ratio Lower Upper

56 100

55 65.2 58.2 87.2



#14

Acrylonitrile

Concen: 99.117 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

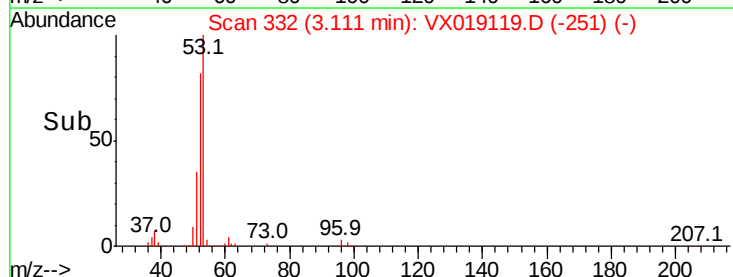
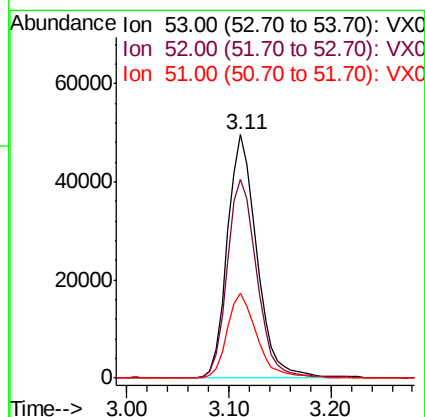
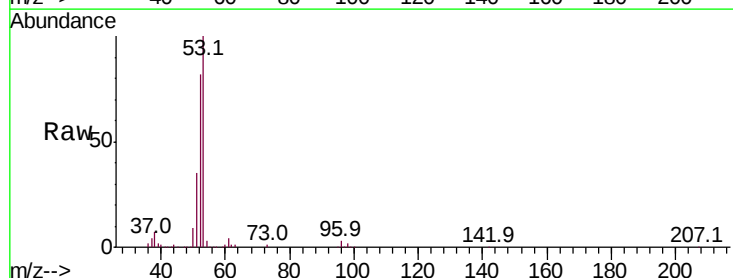
Tgt Ion: 53 Resp: 99387

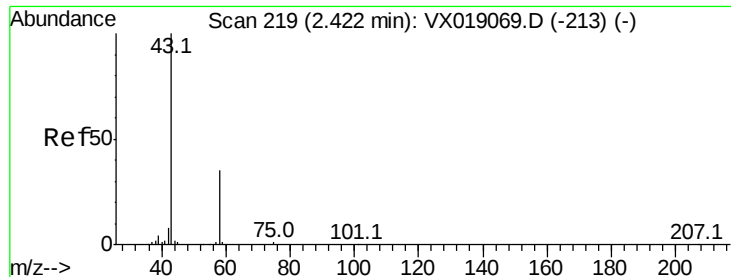
Ion Ratio Lower Upper

53 100

52 81.8 41.0 123.0

51 35.3 18.2 54.6





#15

Acetone

Concen: 112.002 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

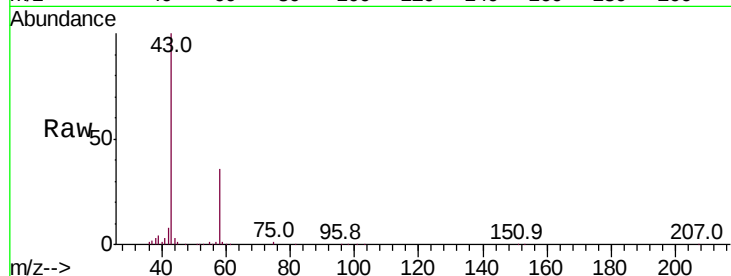
VX1026WBS01

Tot Ion: 58 Resp: 32172

Ion Ratio Lower Upper

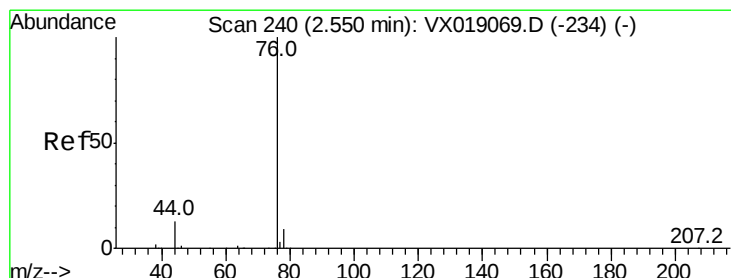
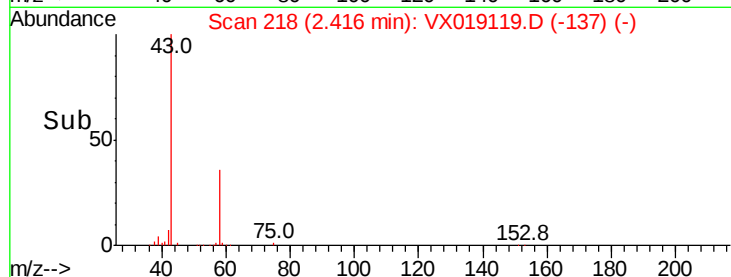
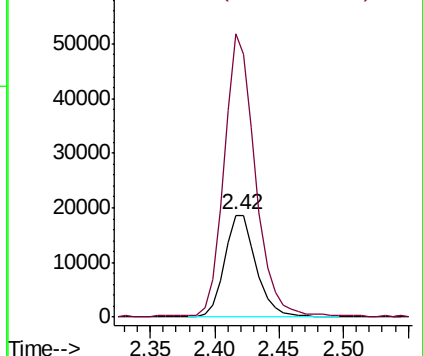
58 100

43 276.5 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.898 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019119.D

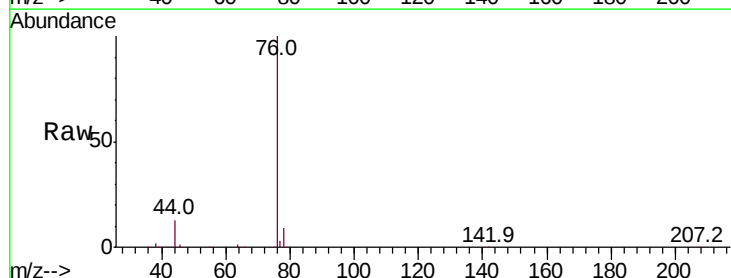
Acq: 26 Oct 2020 15:02

Tgt Ion: 76 Resp: 95271

Ion Ratio Lower Upper

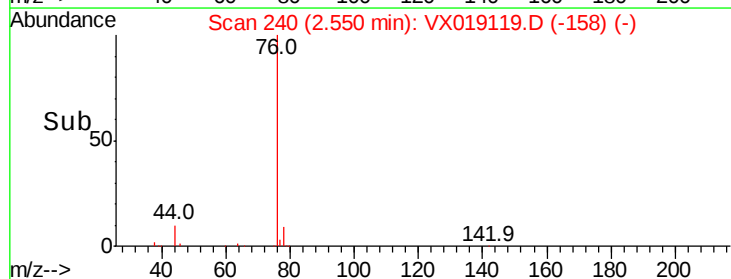
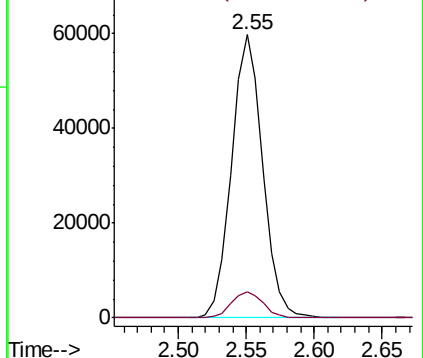
76 100

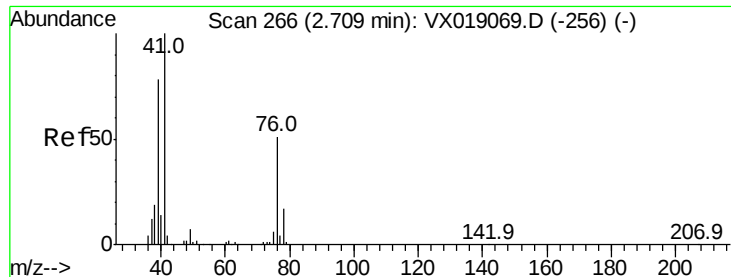
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

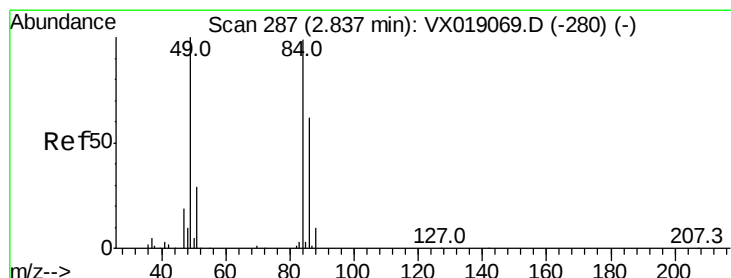
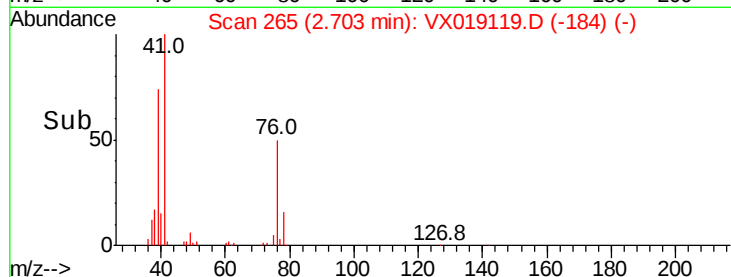
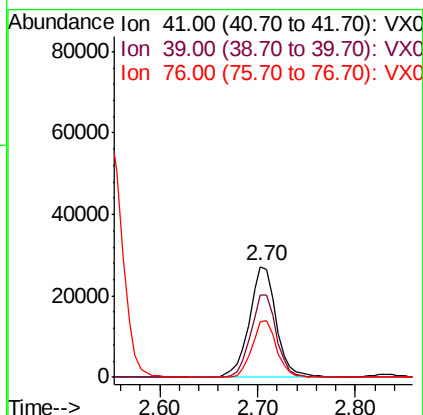
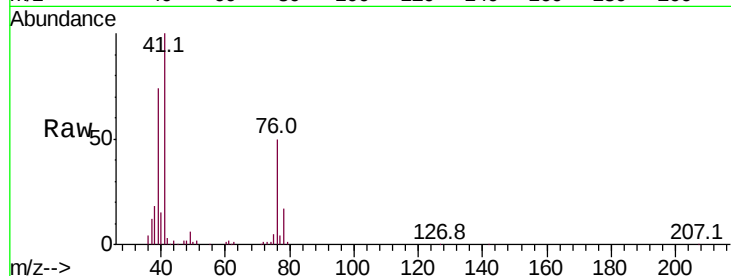




#17
Allvl chloride
Concen: 19.456 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

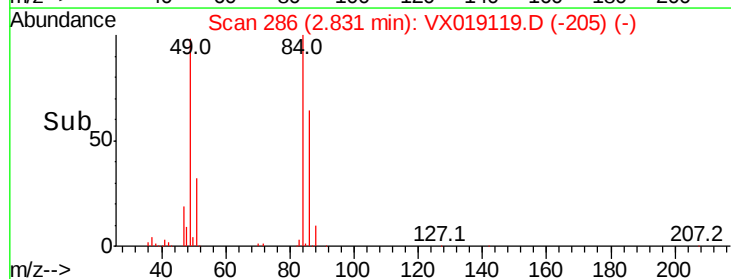
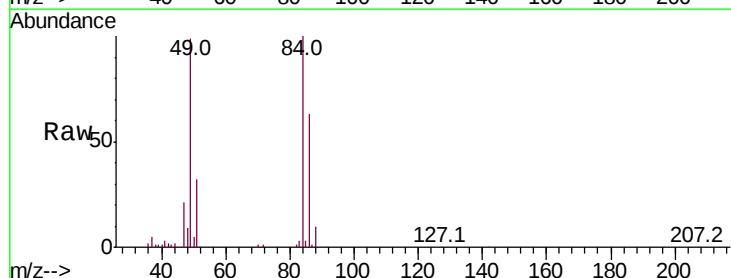
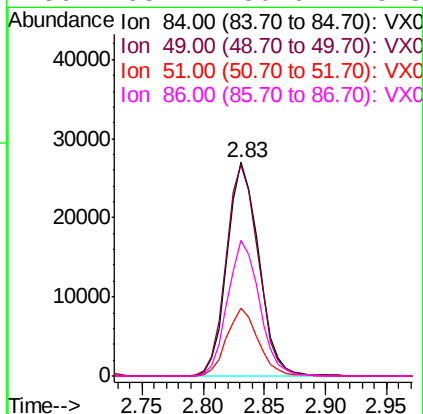
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

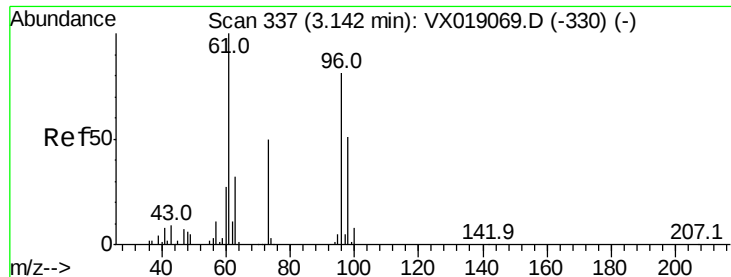
Tot Ion: 41 Resp: 52399
Ion Ratio Lower Upper
41 100
39 73.9 38.8 116.3
76 49.7 25.8 77.4



#18
Methylene Chloride
Concen: 19.699 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 84 Resp: 48435
Ion Ratio Lower Upper
84 100
49 98.7 80.9 121.3
51 31.8 23.8 35.6
86 63.4 50.6 75.8

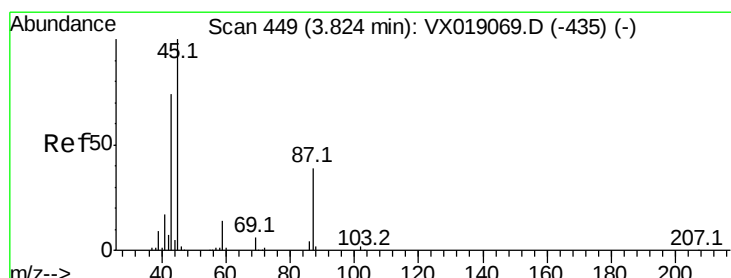
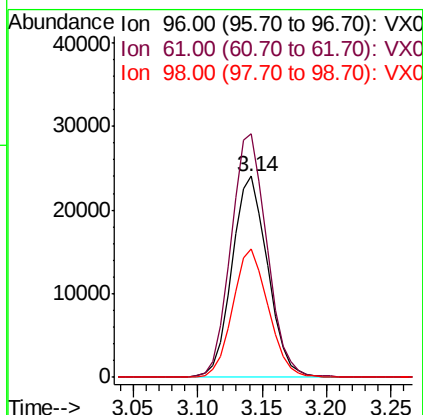
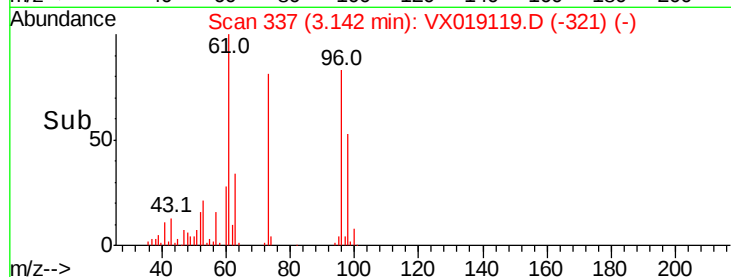
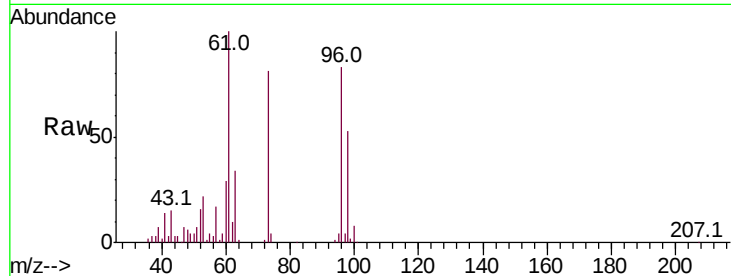




#19
trans-1,2-Dichloroethene
Concen: 18.460 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

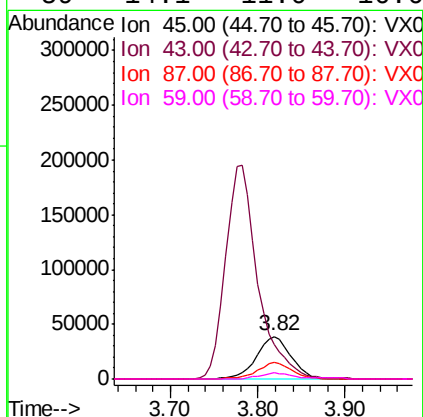
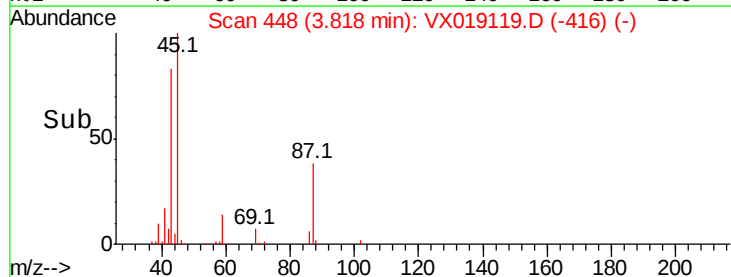
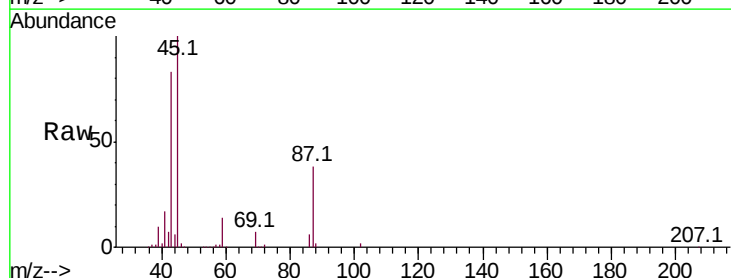
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

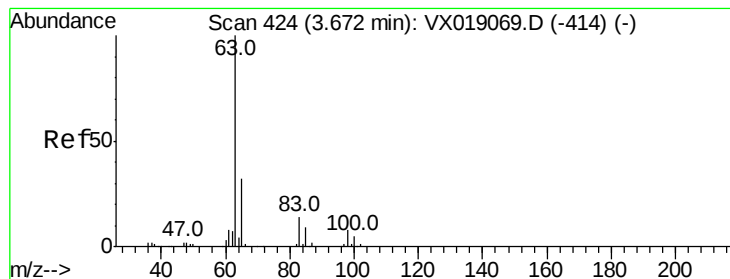
Tot Ion: 96 Resp: 46484
Ion Ratio Lower Upper
96 100
61 120.9 98.4 147.6
98 63.9 49.9 74.9



#20
Diisopropyl ether
Concen: 19.430 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 45 Resp: 106008
Ion Ratio Lower Upper
45 100
43 82.7 60.6 91.0
87 38.0 30.9 46.3
59 14.1 11.0 16.6





#21

1,1-Dichloroethane

Concen: 19.276 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

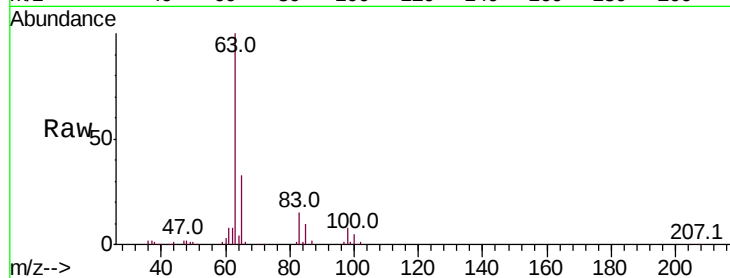
Tot Ion: 63 Resp: 77211

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

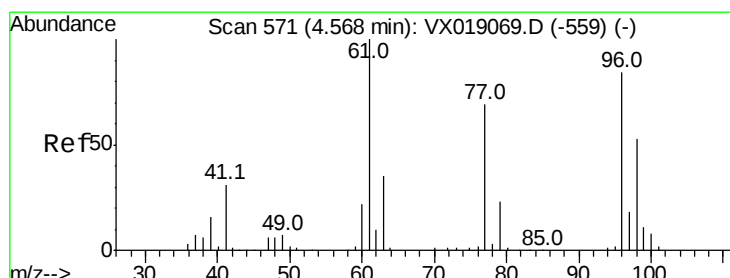
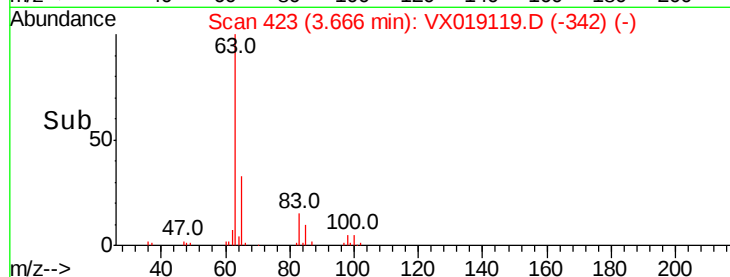
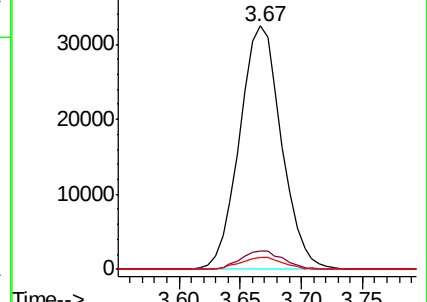
100 5.0 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.006 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

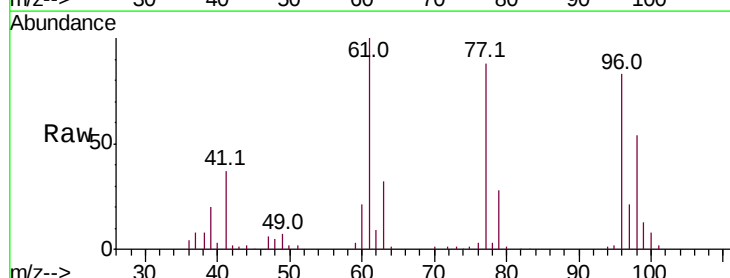
Tgt Ion: 96 Resp: 55438

Ion Ratio Lower Upper

96 100

61 129.8 101.9 152.9

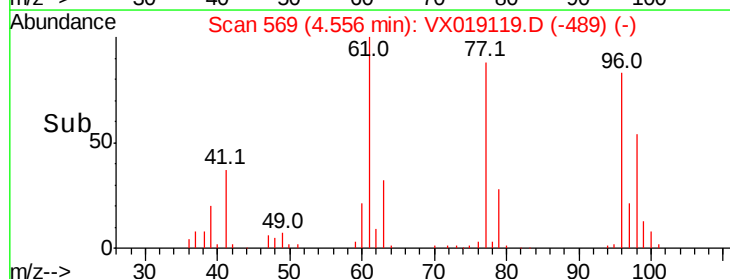
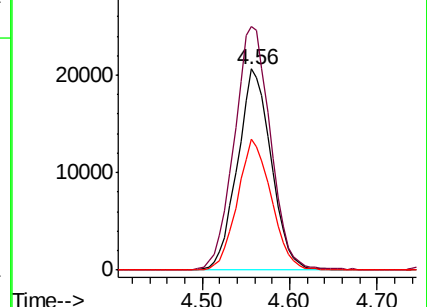
98 65.4 51.3 76.9

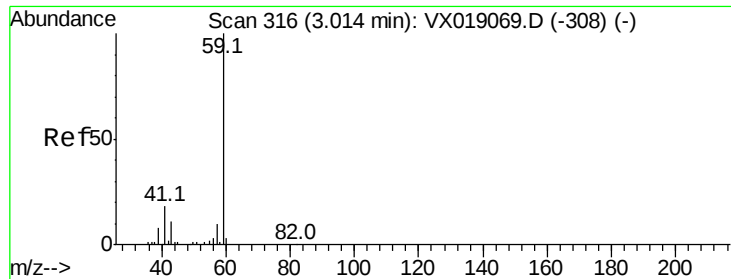


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



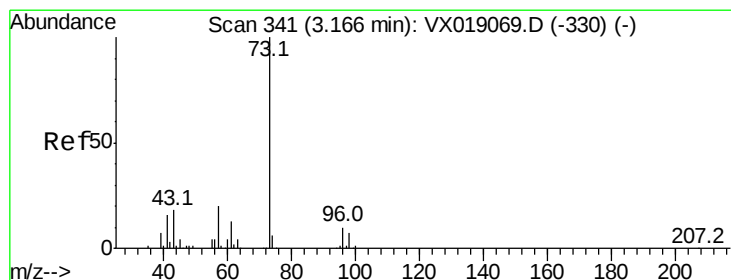
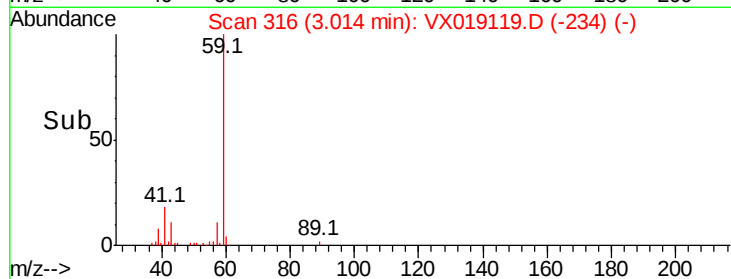
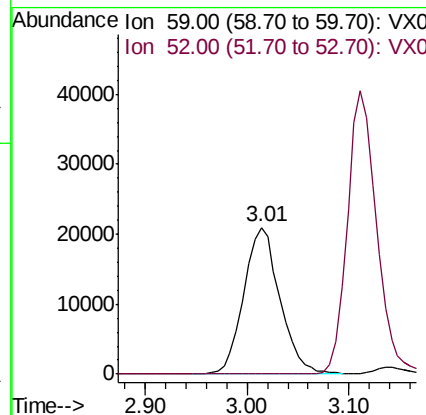
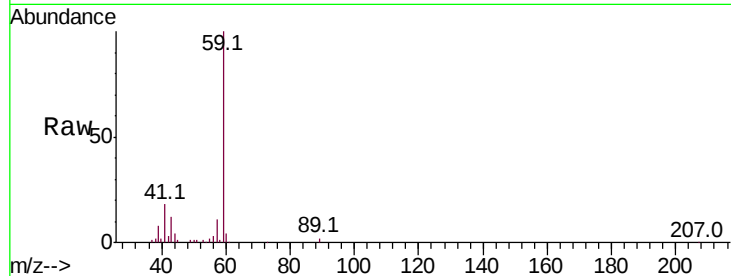


#23

tert-Butyl Alcohol
Concen: 106.361 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

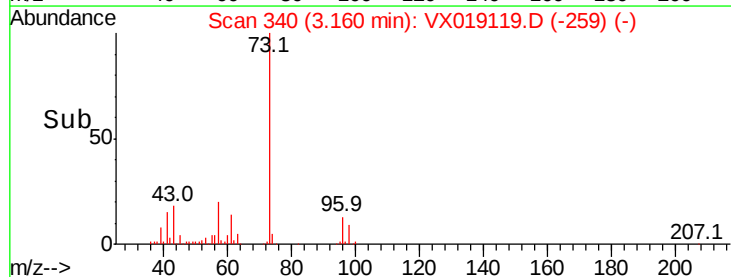
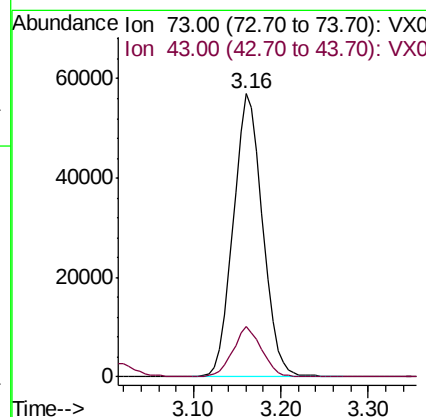
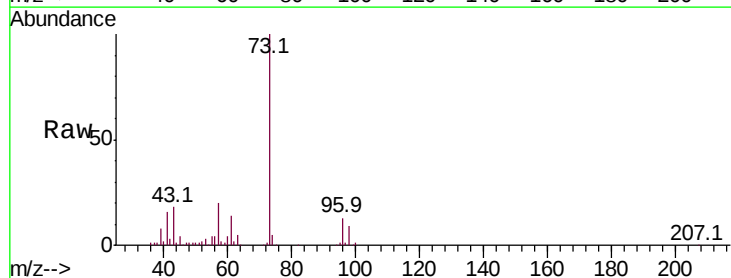
Tot Ion: 59 Resp: 51705
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

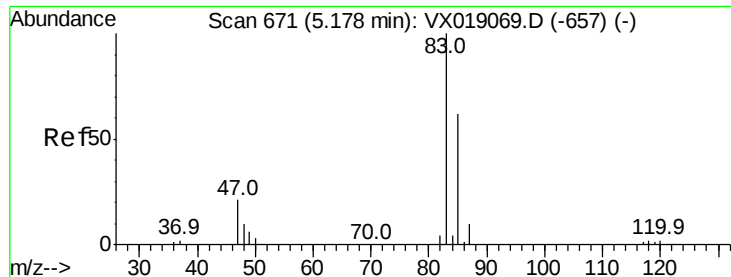


#24

Methyl tert-Butyl Ether
Concen: 19.508 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 73 Resp: 132994
Ion Ratio Lower Upper
73 100
43 17.3 13.9 20.9

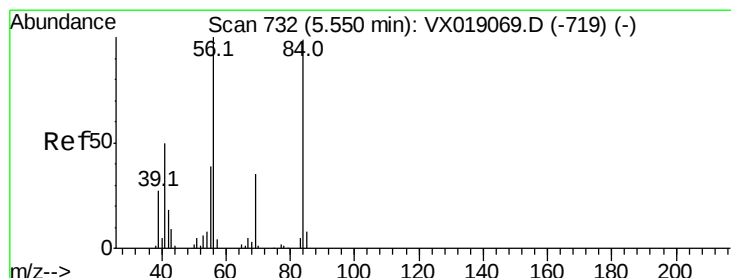
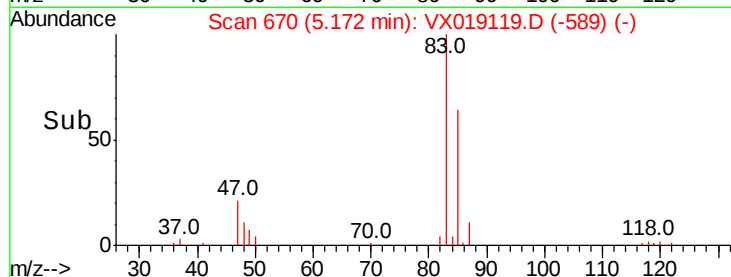
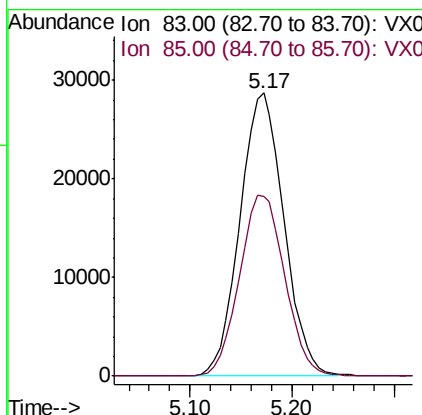
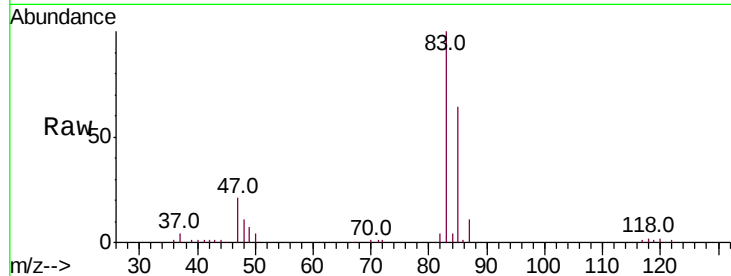




#25
Chloroform
Concen: 19.428 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

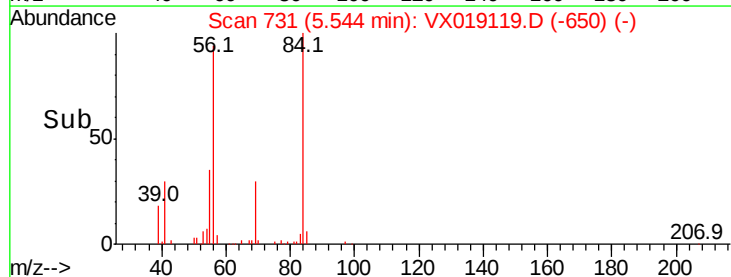
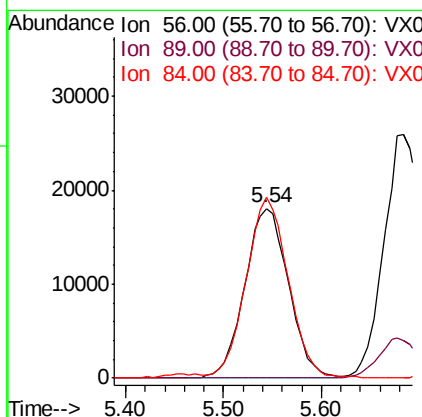
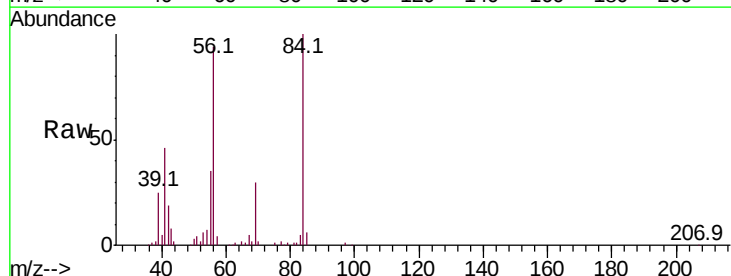
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

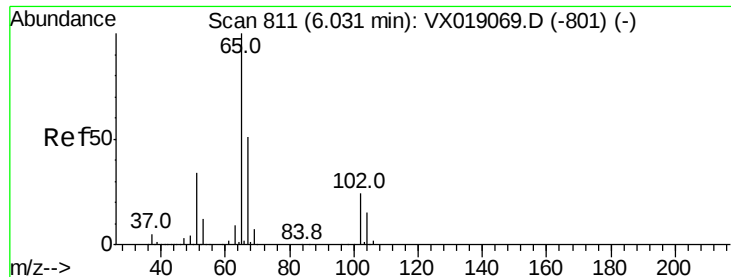
Tot Ion: 83 Resp: 86227
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.8



#26
Cyclohexane
Concen: 18.022 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 56 Resp: 56097
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 102.5 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 30.706 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

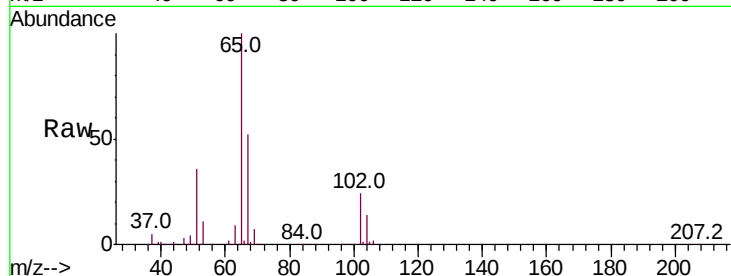
VX1026WBS01

Tot Ion: 65 Resp: 87598

Ion Ratio Lower Upper

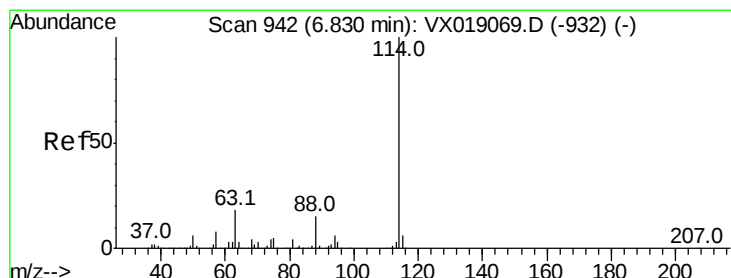
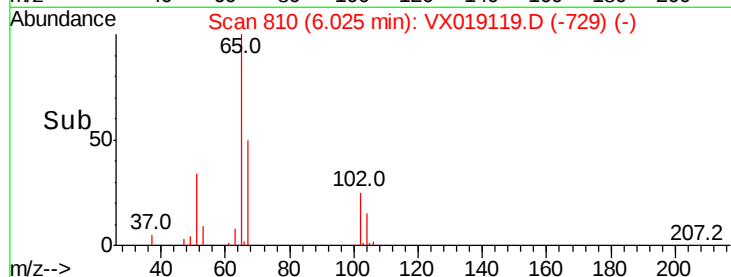
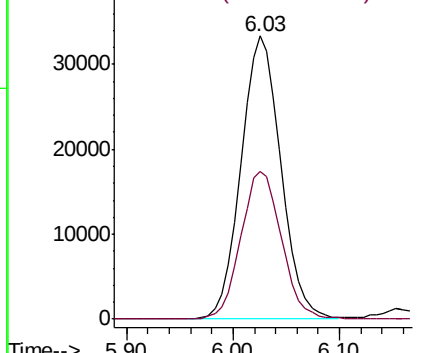
65 100

67 52.9 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

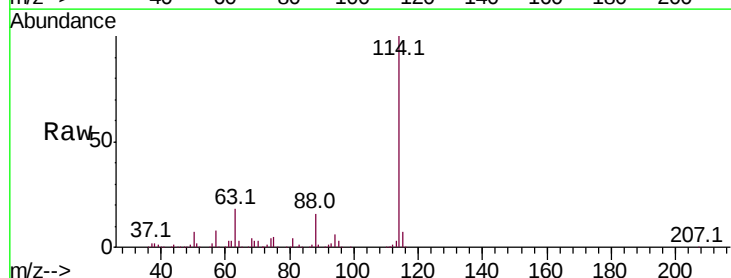
Tgt Ion: 114 Resp: 247242

Ion Ratio Lower Upper

114 100

63 17.8 14.6 21.8

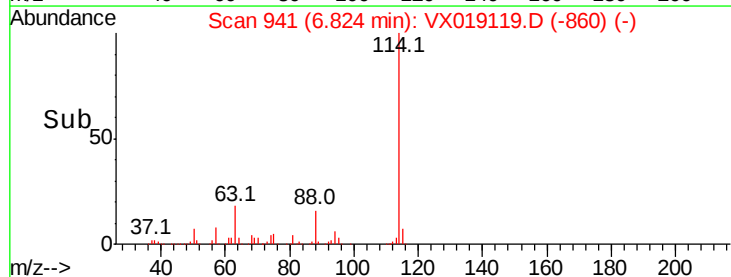
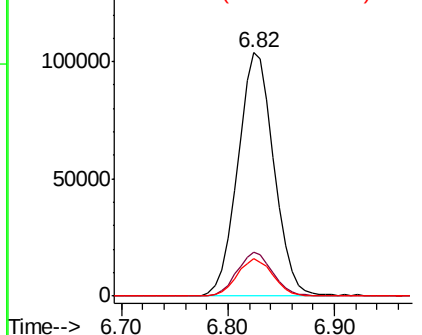
88 15.3 12.2 18.2

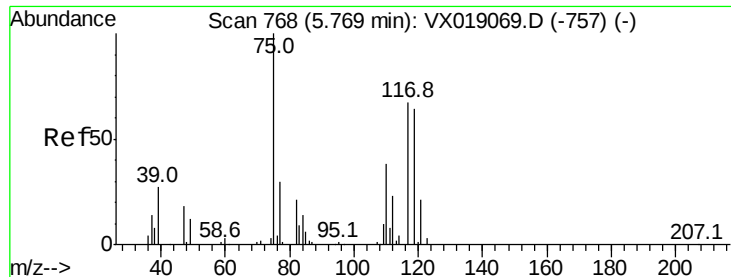


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

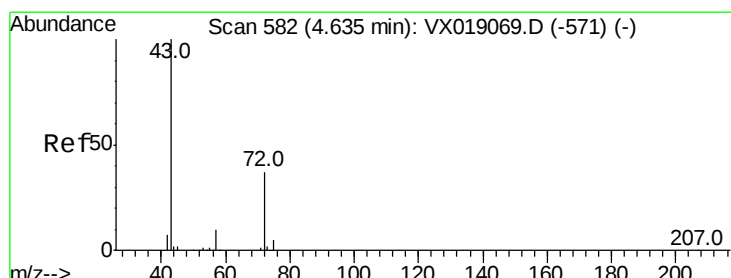
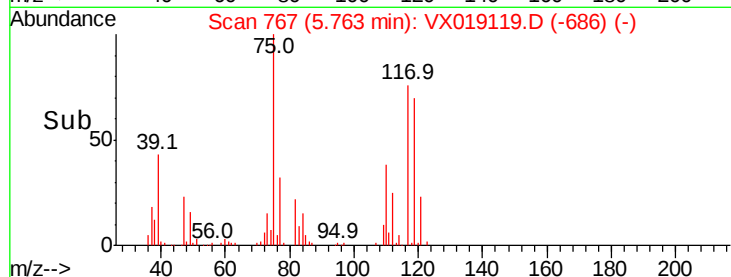
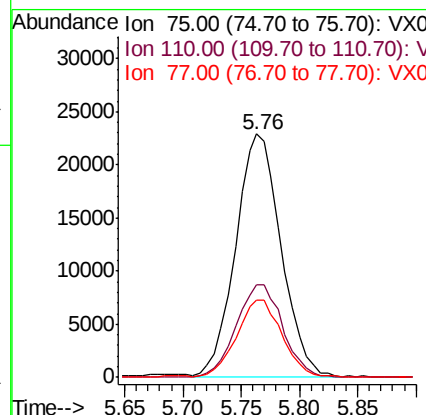
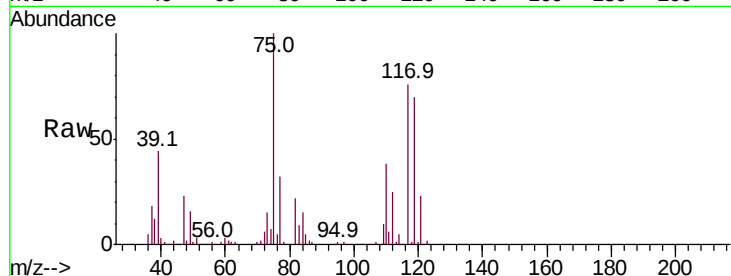




#29
 1,1-Dichloropropene
 Concen: 17.686 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

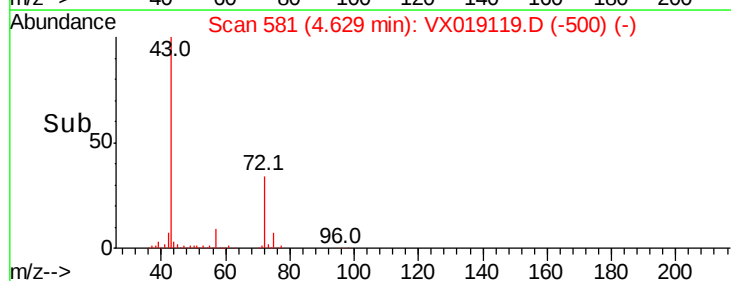
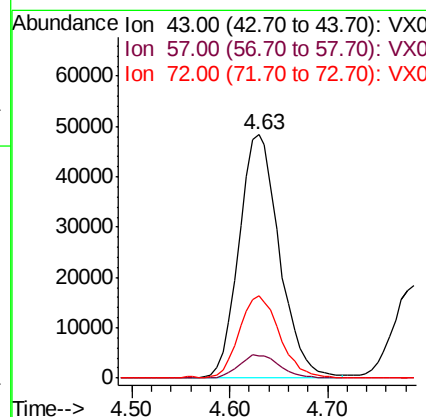
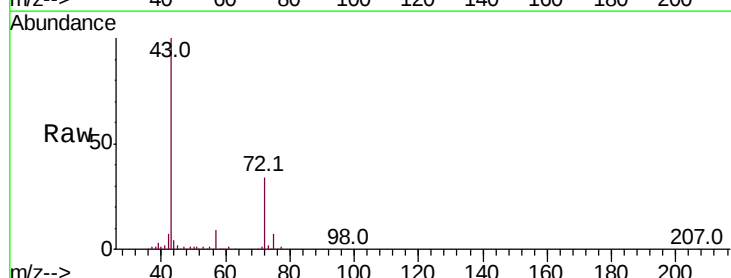
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

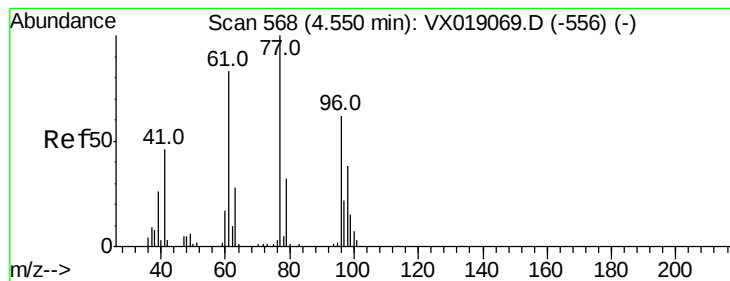
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	77.4
77	32.2	0.0	62.8



#30
 2-Butanone
 Concen: 99.029 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.1	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.914 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

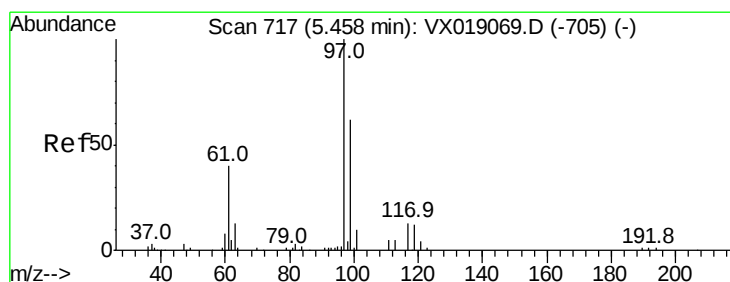
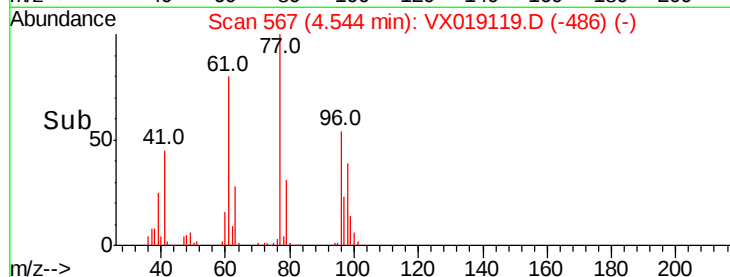
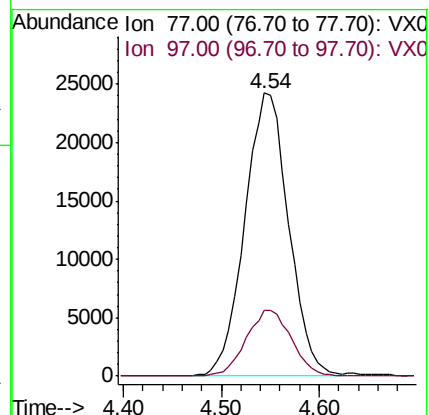
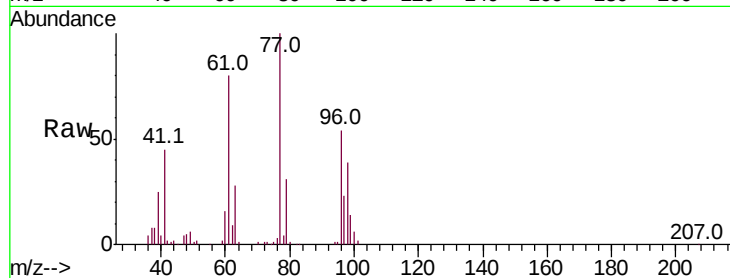
VX1026WBS01

Tot Ion: 77 Resp: 75483

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.366 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

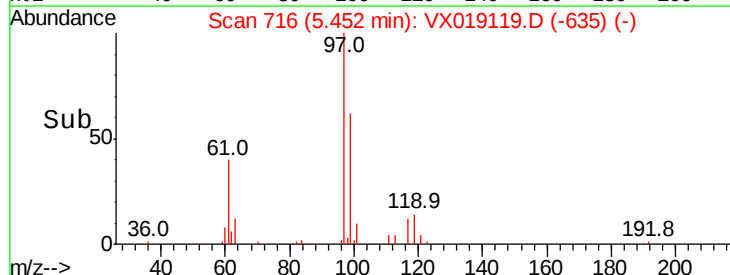
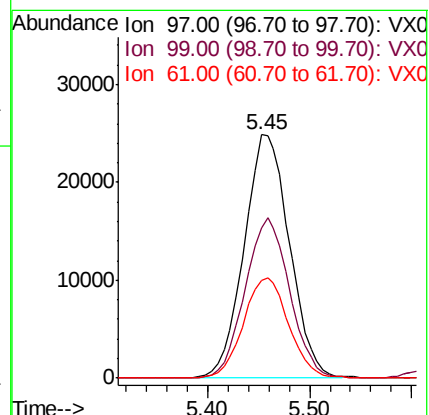
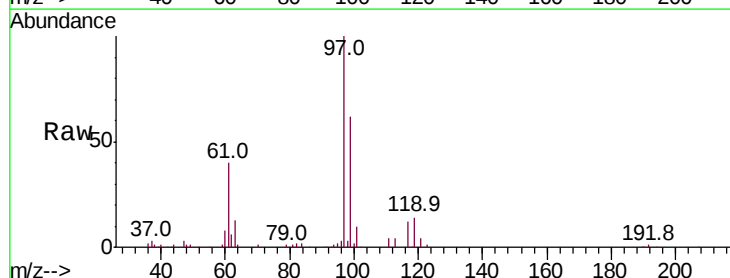
Tgt Ion: 97 Resp: 76996

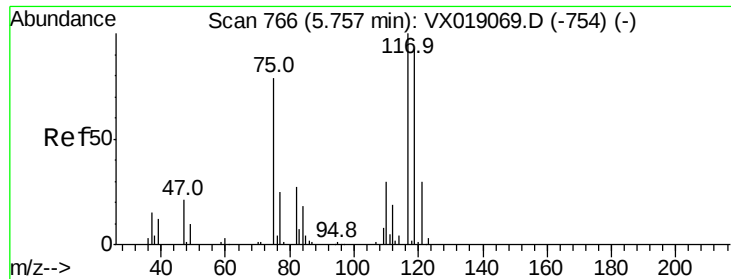
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 40.8 32.0 48.0

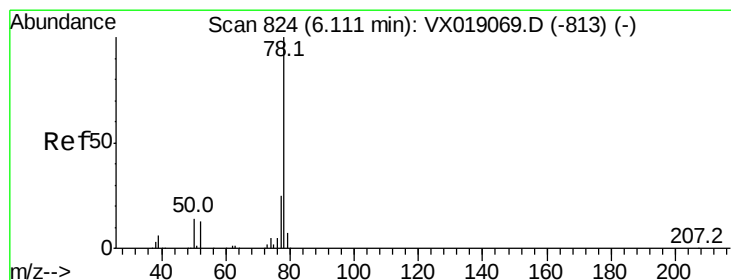
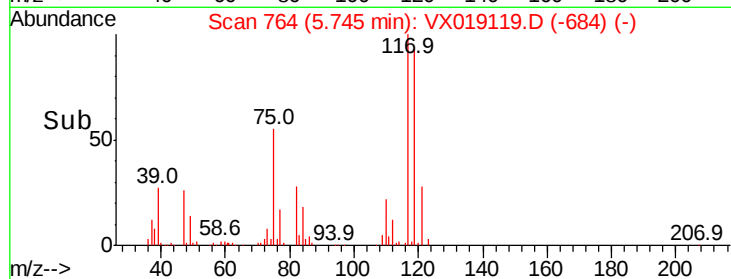
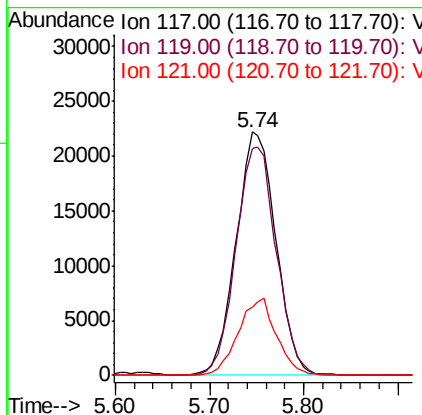
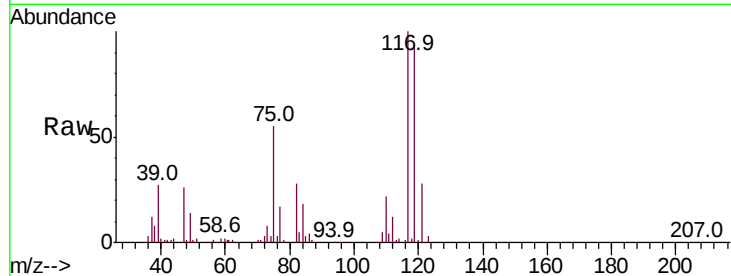




#33
Carbon Tetrachloride
Concen: 18.033 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

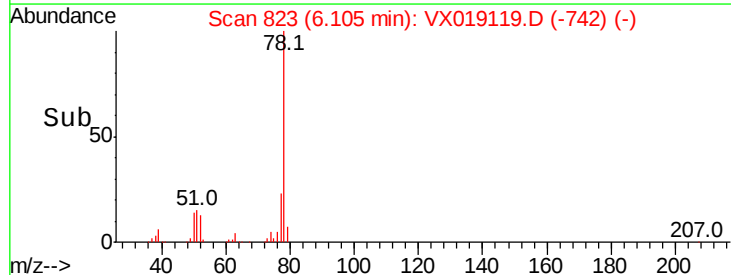
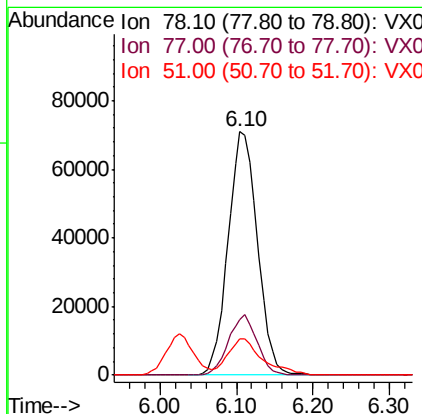
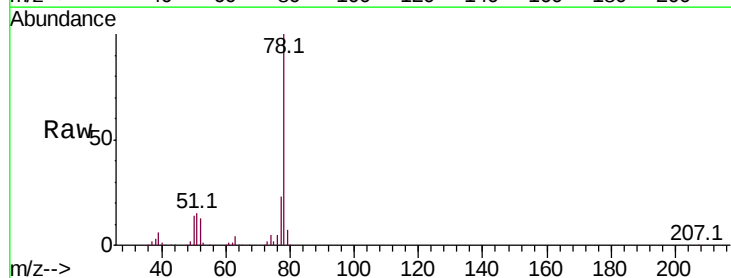
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

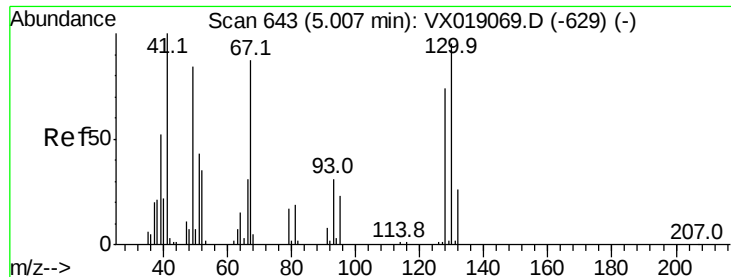
Tot Ion:117 Resp: 65607
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 28.0 24.1 36.1



#34
Benzene
Concen: 18.364 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 78 Resp: 188460
Ion Ratio Lower Upper
78 100
77 23.0 20.1 30.1
51 15.1 11.0 16.4

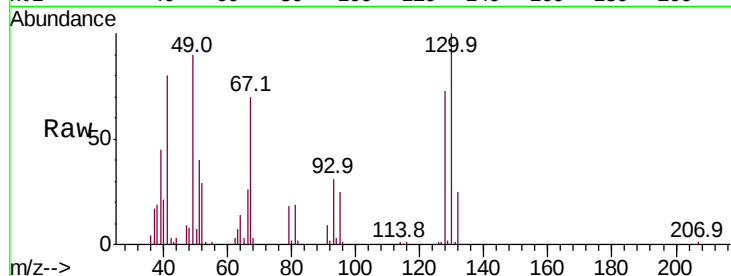




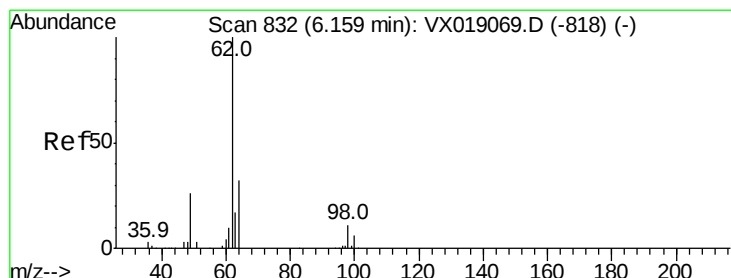
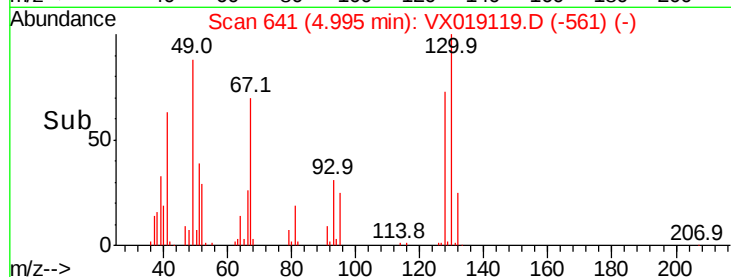
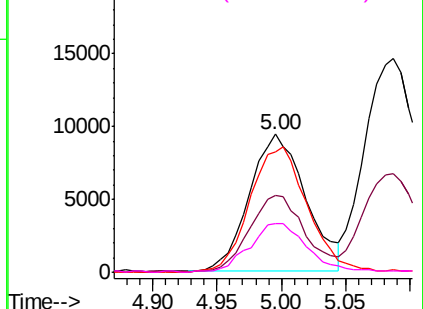
#35
Methacrylonitrile
Concen: 19.056 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion: 41 Resp: 28665
Ion Ratio Lower Upper
41 100
39 56.3 25.8 77.4
67 87.7 43.6 130.8
52 35.9 17.3 51.7

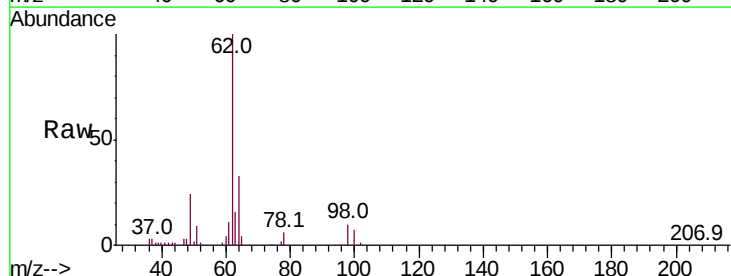


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

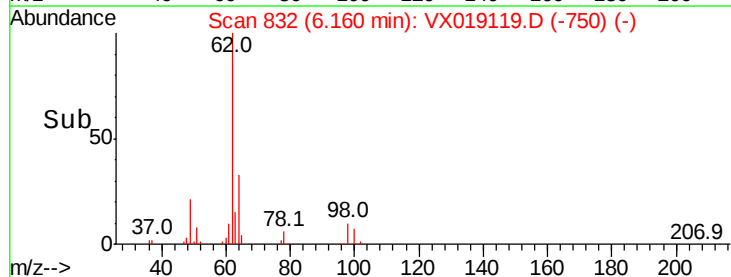
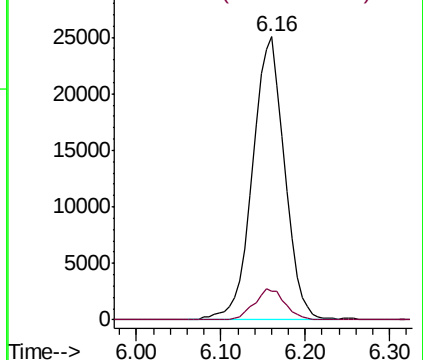


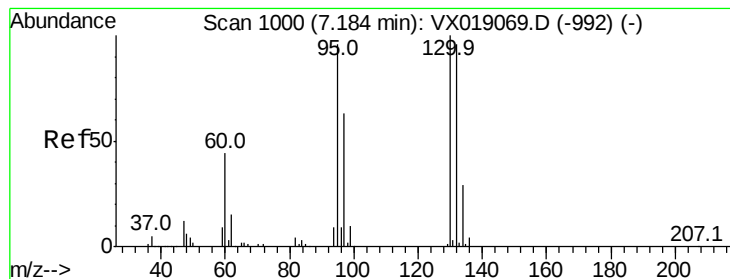
#36
1,2-Dichloroethane
Concen: 18.541 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 62 Resp: 65274
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: 18.604 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

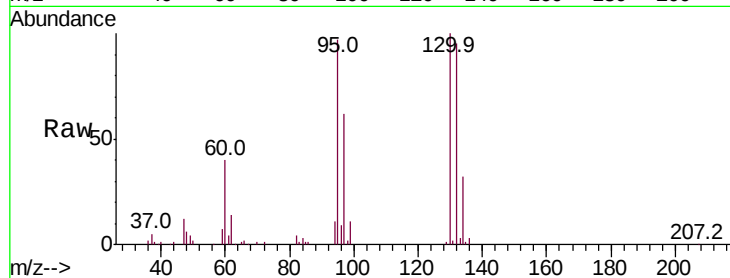
VX1026WBS01

Tot Ion:130 Resp: 54880

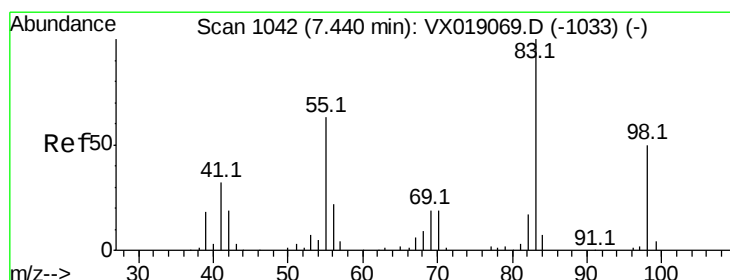
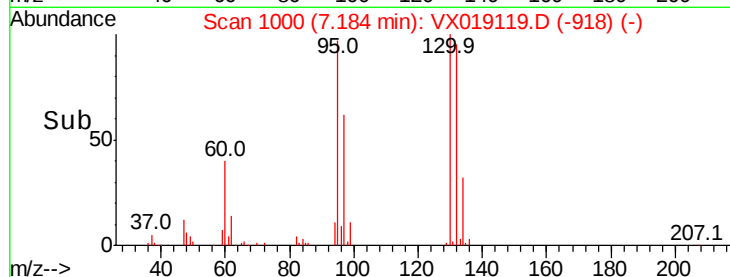
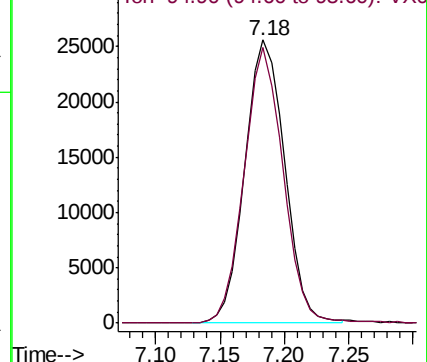
Ion Ratio Lower Upper

130 100

95 97.2 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): VX019069.D (-992) (-)



#38

Methylcyclohexane

Concen: 17.968 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

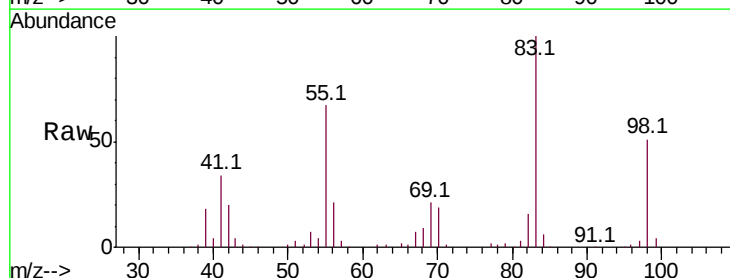
Tgt Ion: 83 Resp: 70250

Ion Ratio Lower Upper

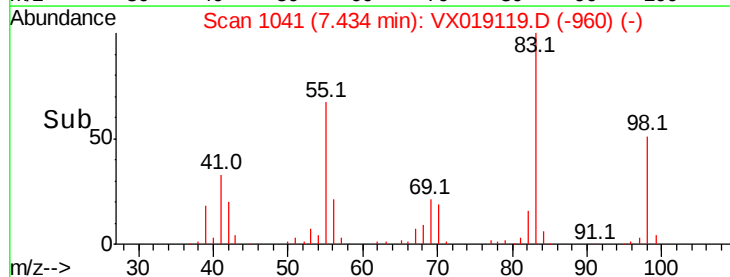
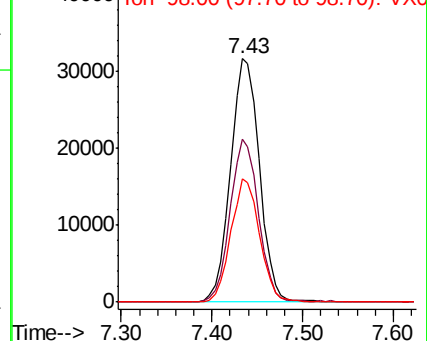
83 100

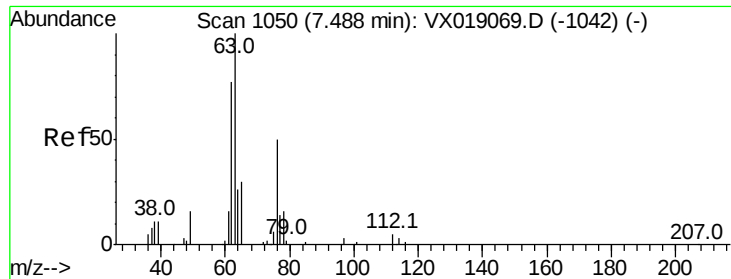
55 65.2 32.3 96.8

98 50.3 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX019069.D (-1033) (-)





#39

1,2-Dichloropropane

Concen: 19.099 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

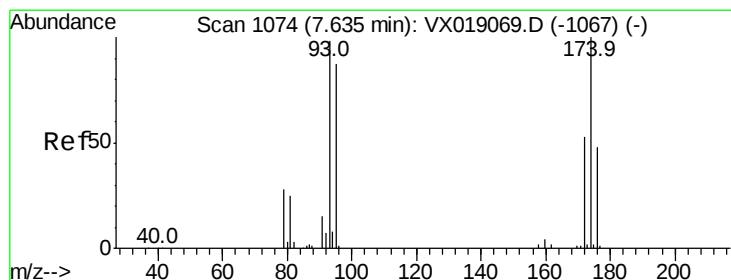
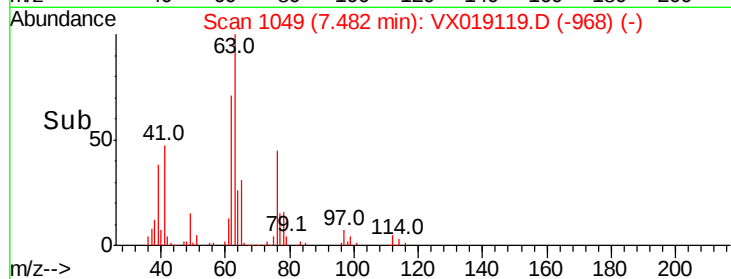
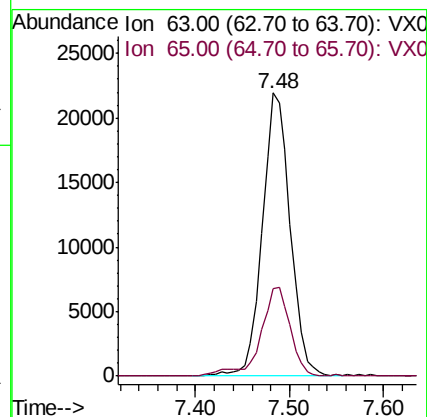
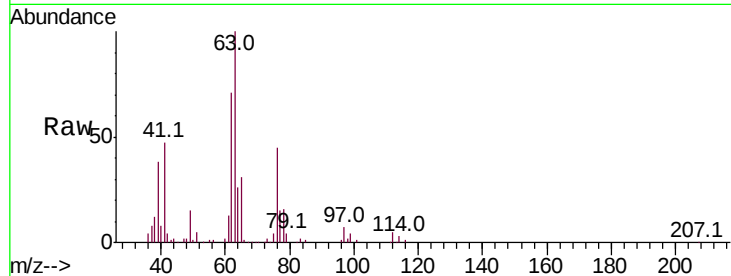
VX1026WBS01

Tot Ion: 63 Resp: 45498

Ion Ratio Lower Upper

63 100

65 30.7 25.8 38.8



#40

Dibromomethane

Concen: 18.691 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

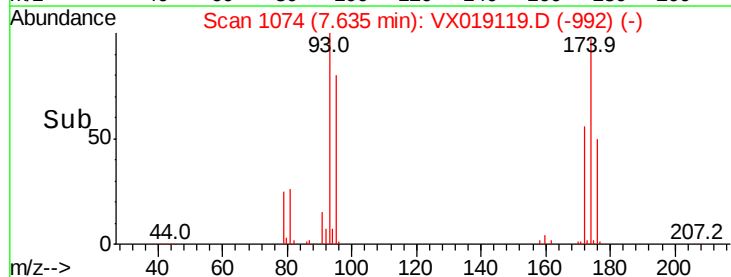
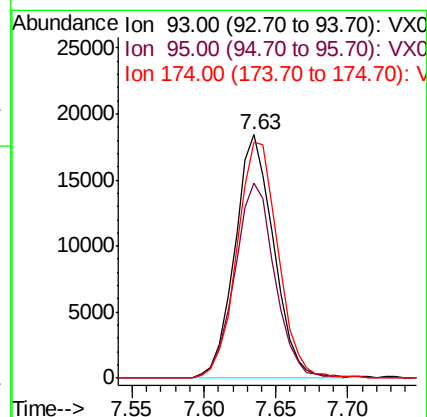
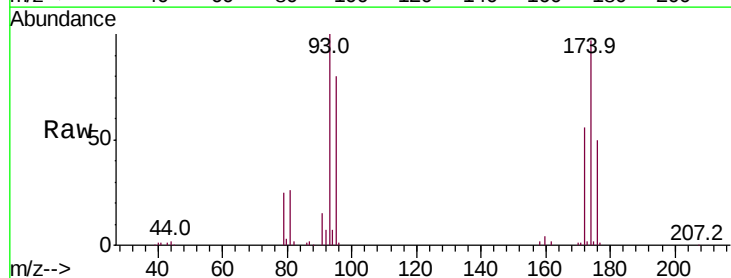
Tgt Ion: 93 Resp: 34557

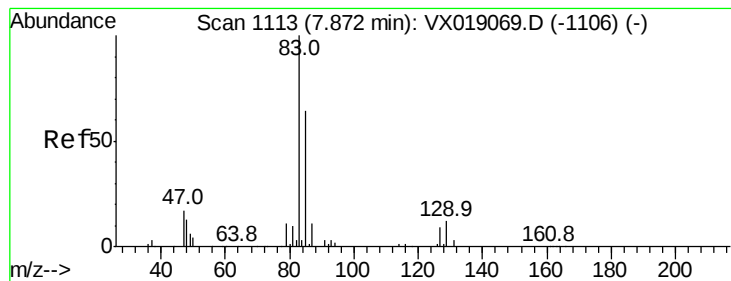
Ion Ratio Lower Upper

93 100

95 82.3 0.0 169.0

174 102.3 0.0 205.4





#41

Bromodichloromethane

Concen: 18.670 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

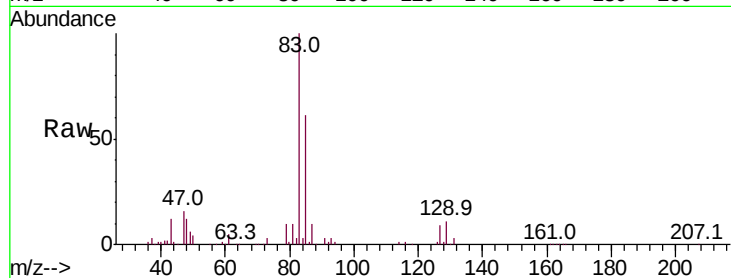
Tot Ion: 83 Resp: 68243

Ion Ratio Lower Upper

83 100

85 61.5 51.2 76.8

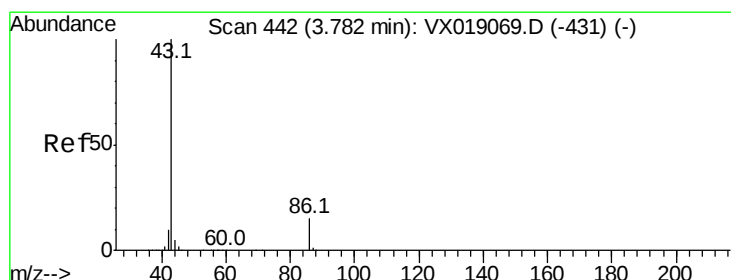
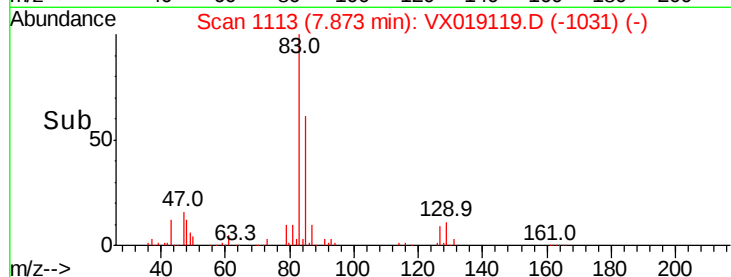
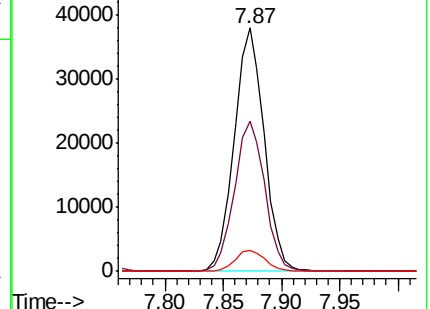
127 8.8 7.1 10.7



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: 93.109 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019119.D

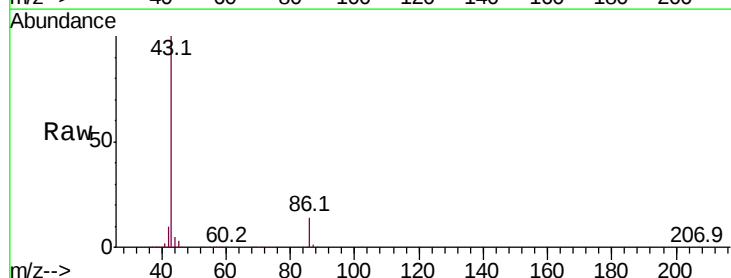
Acq: 26 Oct 2020 15:02

Tgt Ion: 43 Resp: 503405

Ion Ratio Lower Upper

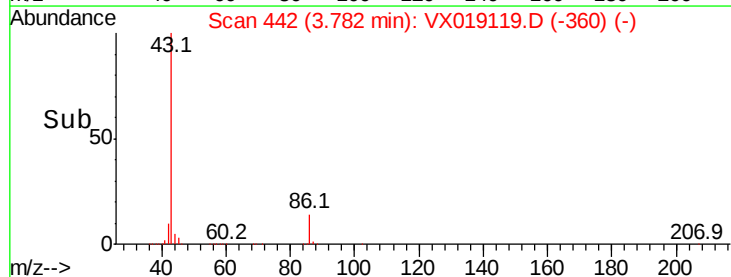
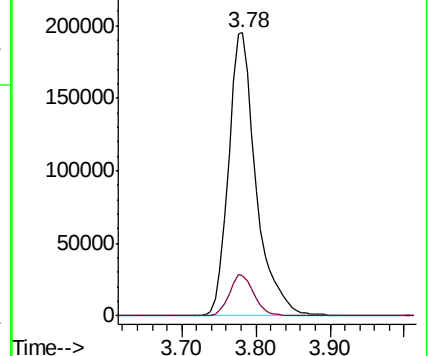
43 100

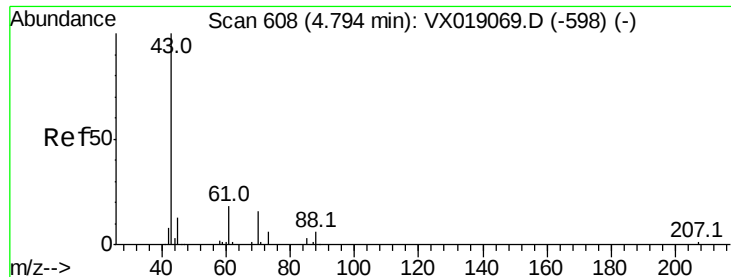
86 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

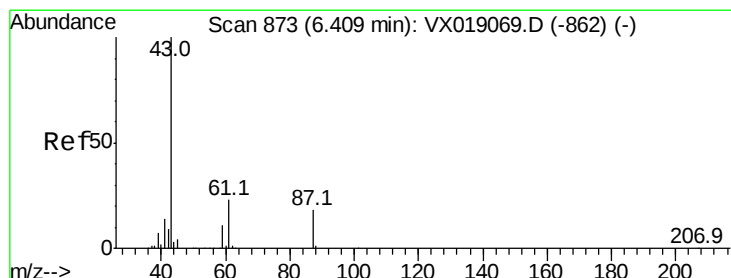
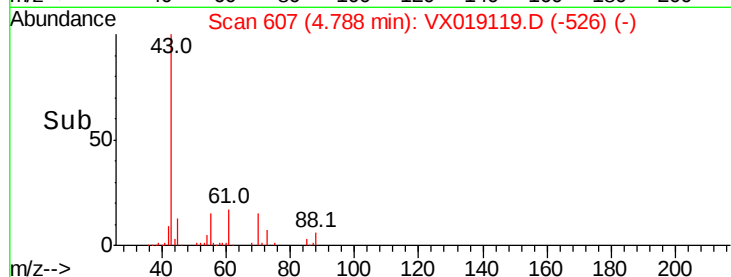
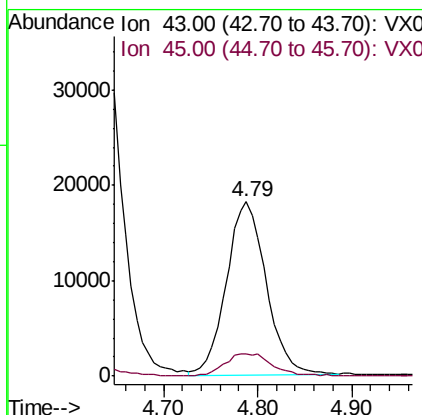
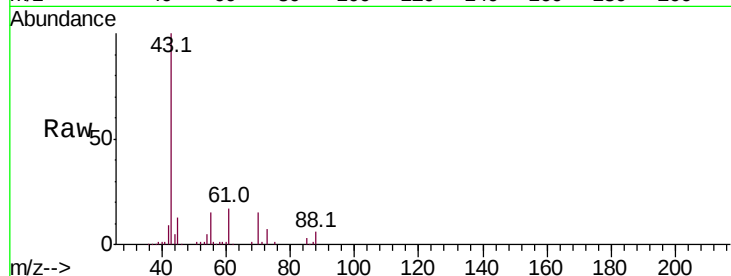




#43
Ethyl Acetate
Concen: 18.406 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

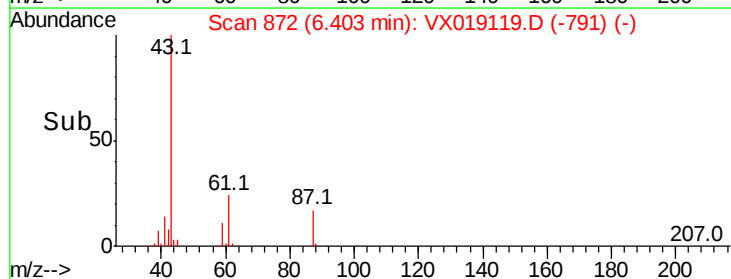
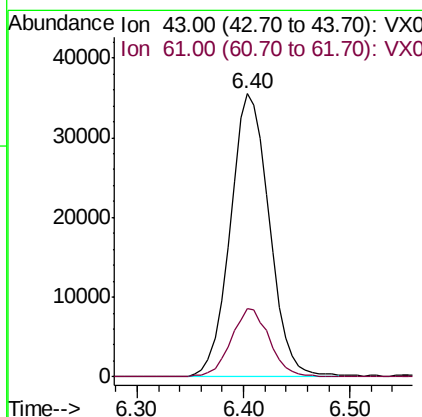
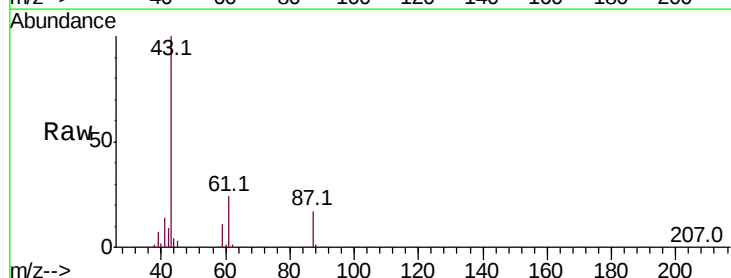
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

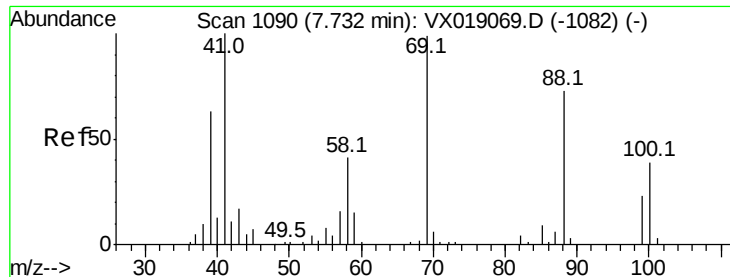
Tot Ion: 43 Resp: 53652
Ion Ratio Lower Upper
43 100
45 15.6 12.7 19.1



#44
Isopropyl Acetate
Concen: 18.680 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 43 Resp: 91182
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7





#45

1,4-Dioxane

Concen: 398.683 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

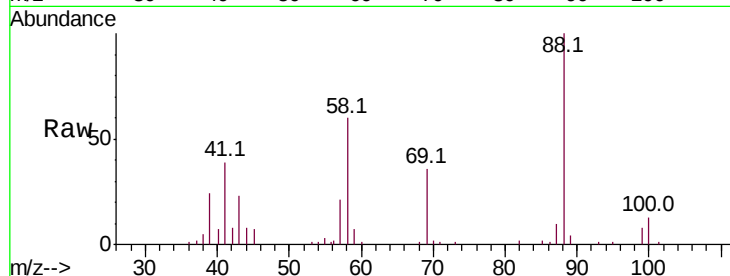
Tot Ion: 88 Resp: 20455

Ion Ratio Lower Upper

88 100

43 25.6 20.5 30.7

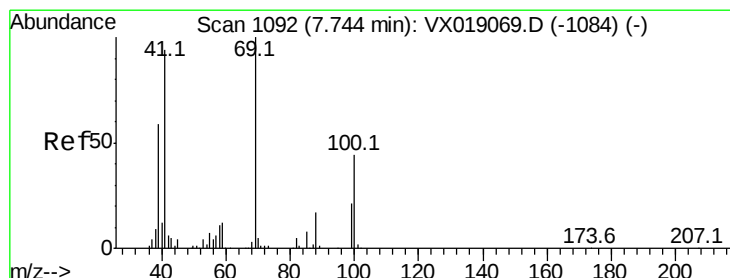
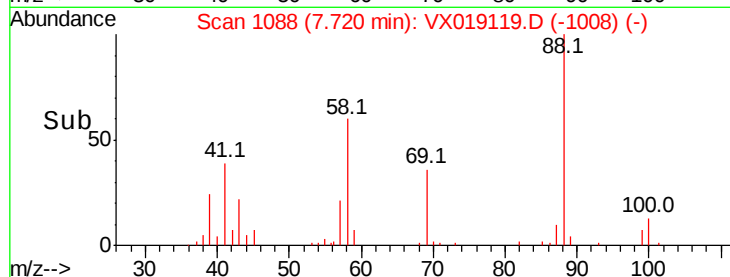
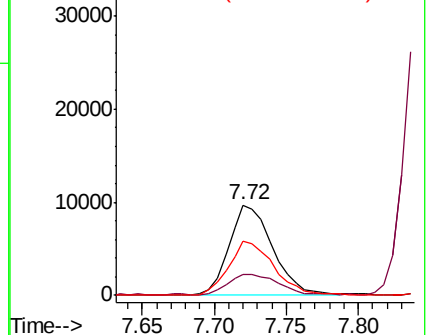
58 62.8 47.4 71.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.282 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

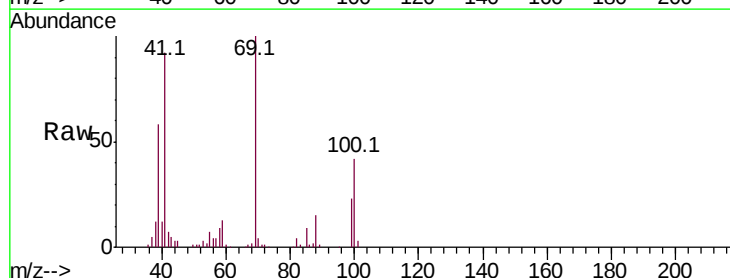
Tgt Ion: 41 Resp: 42237

Ion Ratio Lower Upper

41 100

69 109.0 53.1 159.4

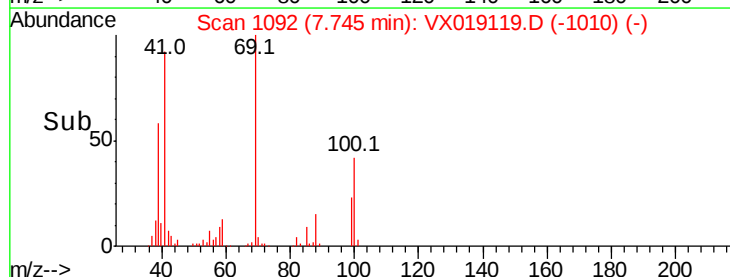
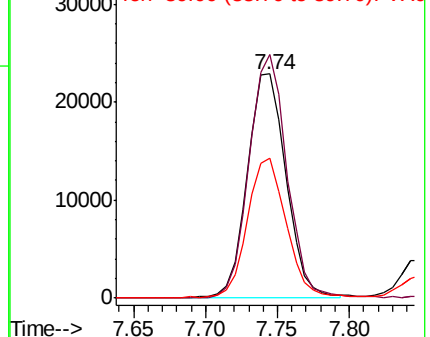
39 62.2 31.3 93.9

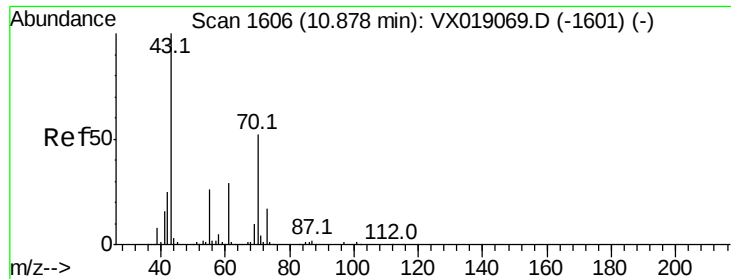


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

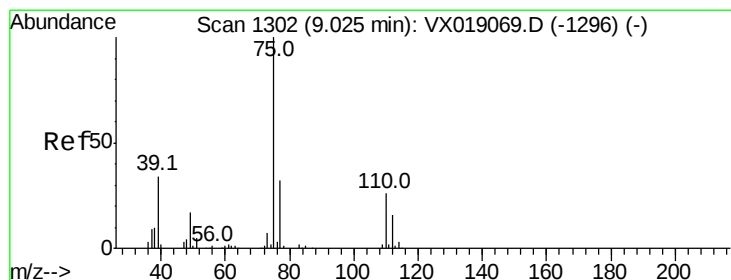
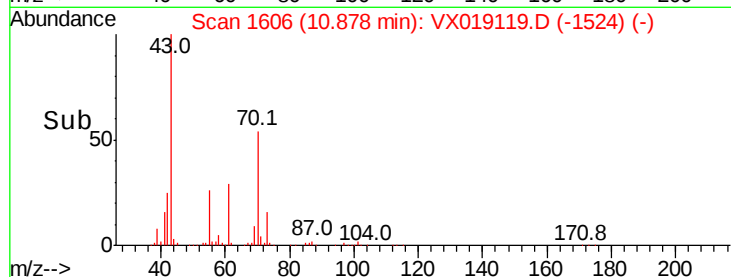
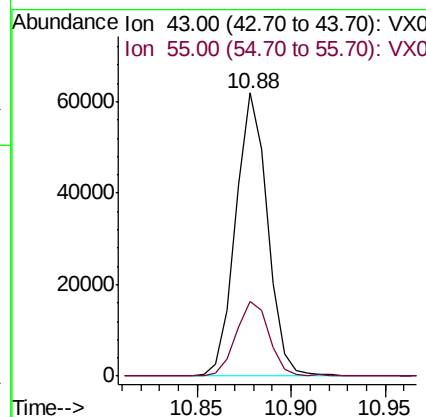
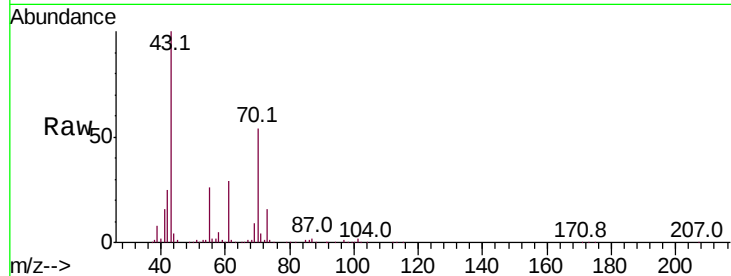




#47
n-amvl Acetate
Concen: 18.497 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

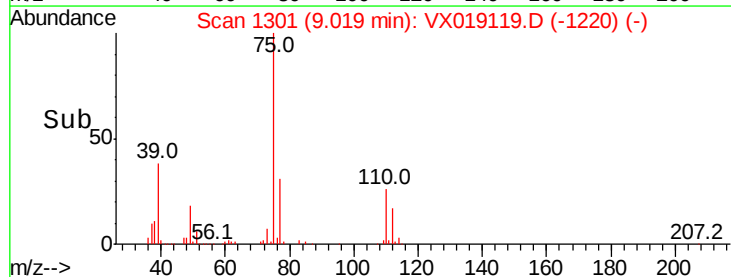
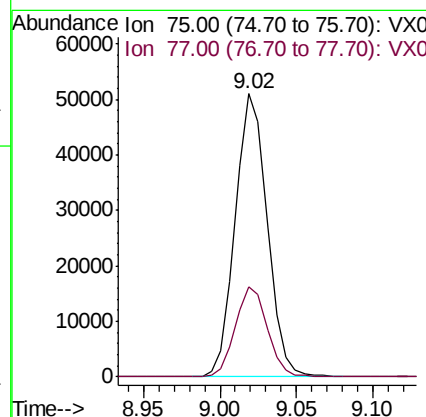
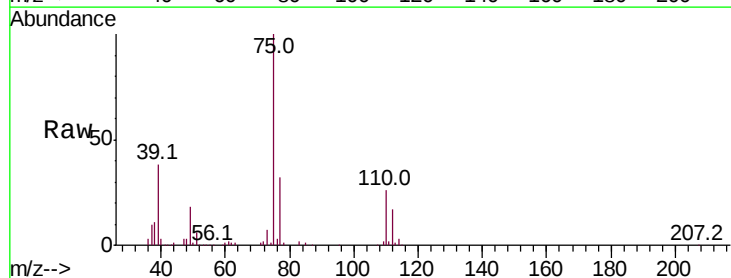
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

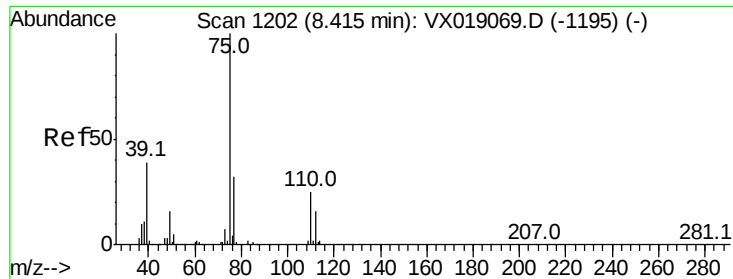
Tot Ion: 43 Resp: 72421
Ion Ratio Lower Upper
43 100
55 27.5 21.5 32.3



#48
t-1,3-Dichloropropene
Concen: 18.087 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 75 Resp: 74012
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



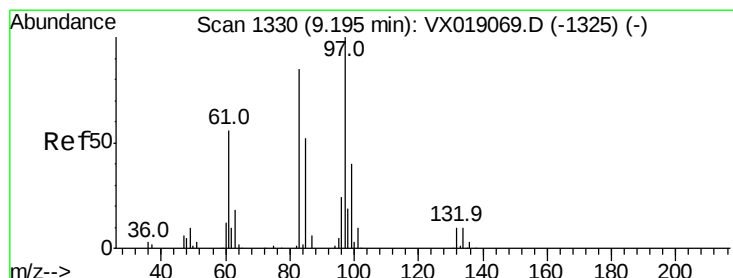
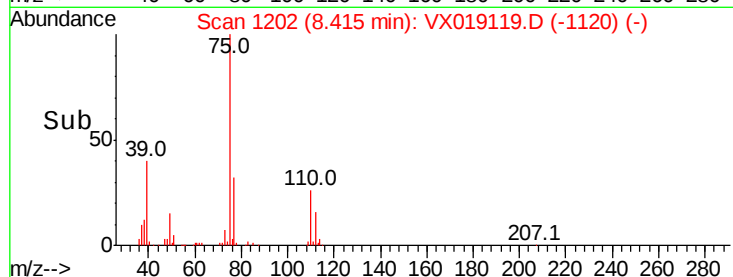
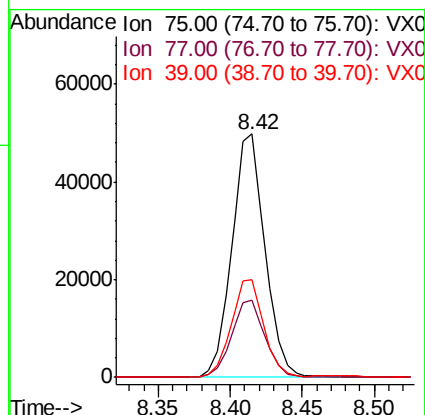
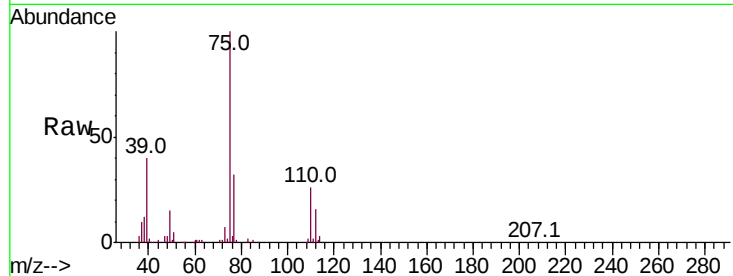


#49

cis-1,3-Dichloropropene
 Concen: 18.358 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

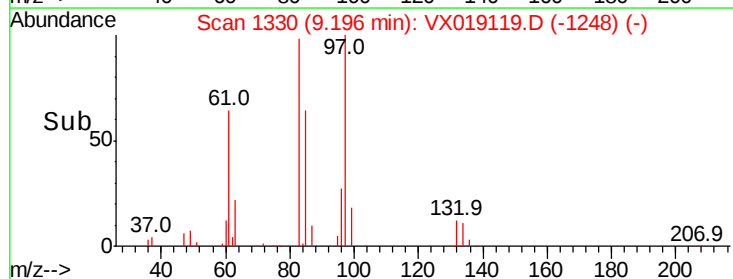
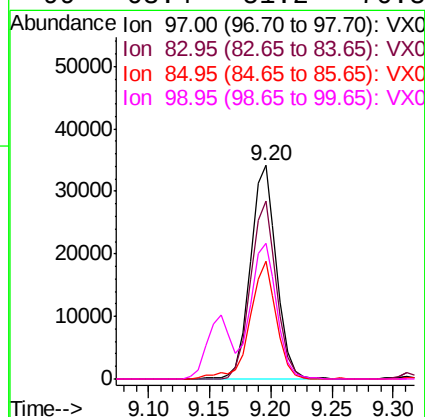
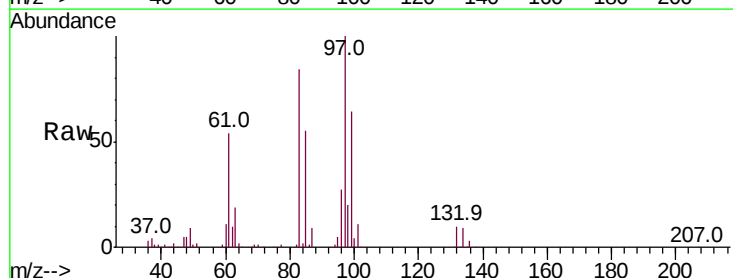
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	39.8	31.0	46.6

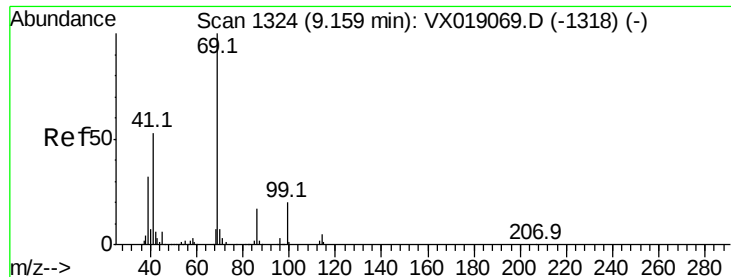


#50

1,1,2-Trichloroethane
 Concen: 18.911 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	55.0	43.5	65.3
99	63.4	51.2	76.8





#51

Ethyl methacrylate

Concen: 18.112 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

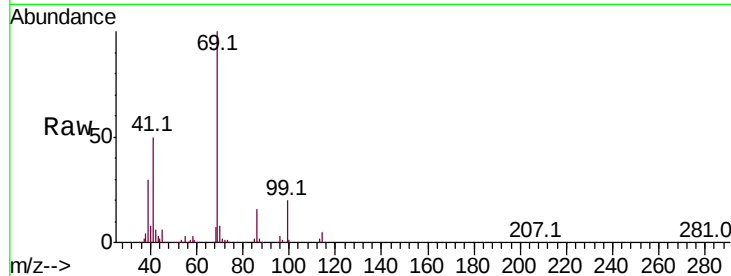
Tot Ion: 69 Resp: 70772

Ion Ratio Lower Upper

69 100

41 50.2 26.5 79.4

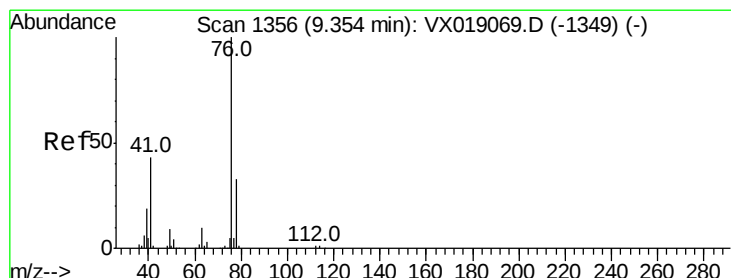
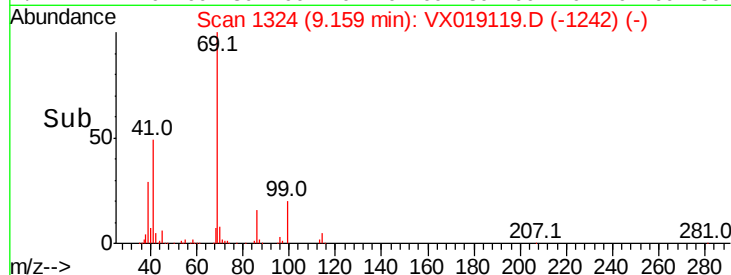
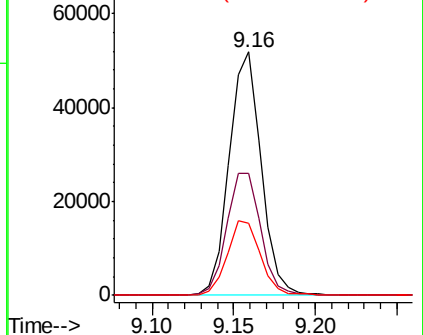
39 29.7 16.2 48.6



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: 18.816 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019119.D

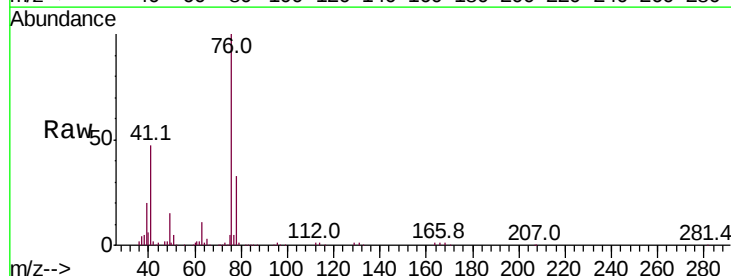
Acq: 26 Oct 2020 15:02

Tgt Ion: 76 Resp: 82085

Ion Ratio Lower Upper

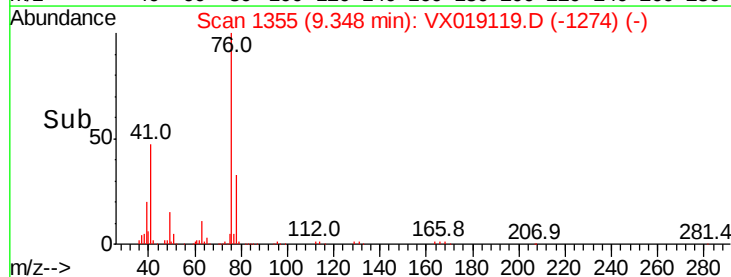
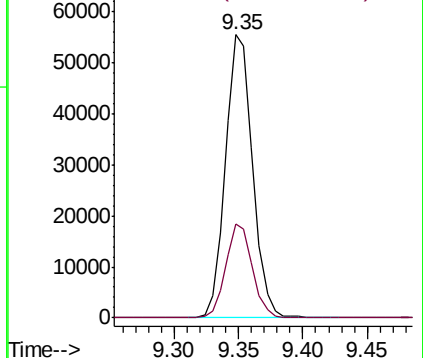
76 100

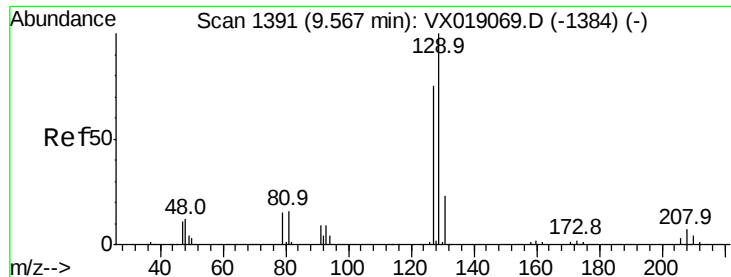
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.395 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

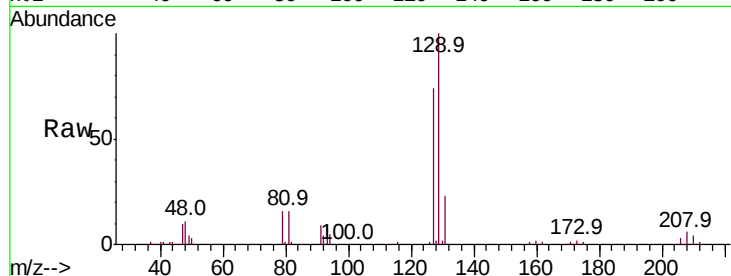
VX1026WBS01

Tot Ion:129 Resp: 54836

Ion Ratio Lower Upper

129 100

127 76.0 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

40000

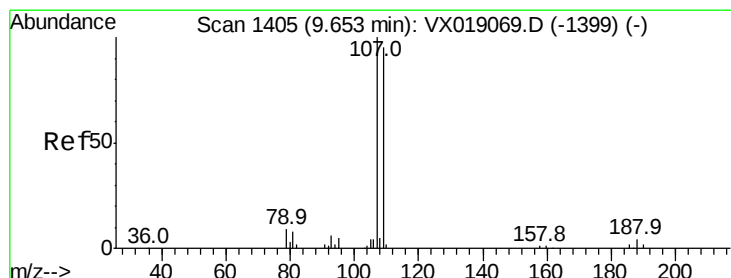
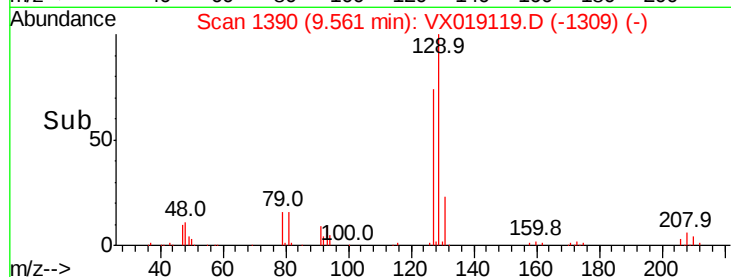
30000

20000

10000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 17.896 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019119.D

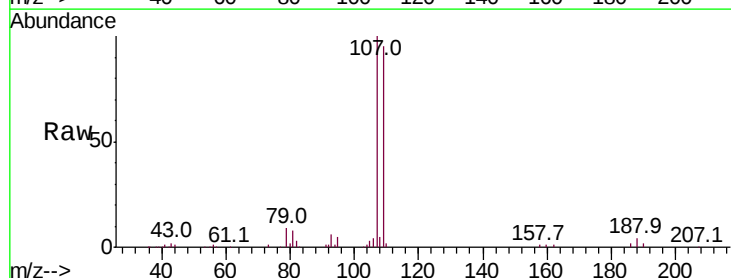
Acq: 26 Oct 2020 15:02

Tgt Ion:107 Resp: 52075

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

40000

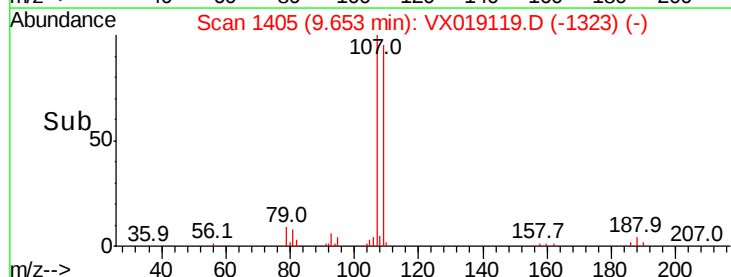
30000

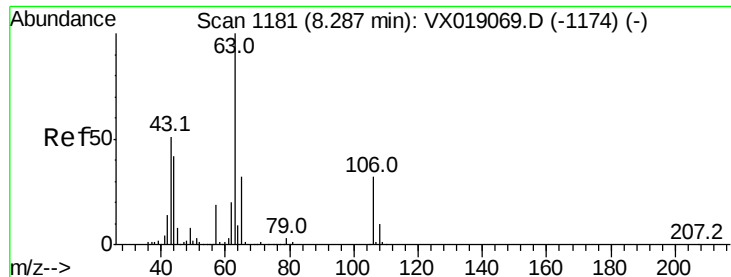
20000

10000

0

Time--> 9.60 9.65 9.70

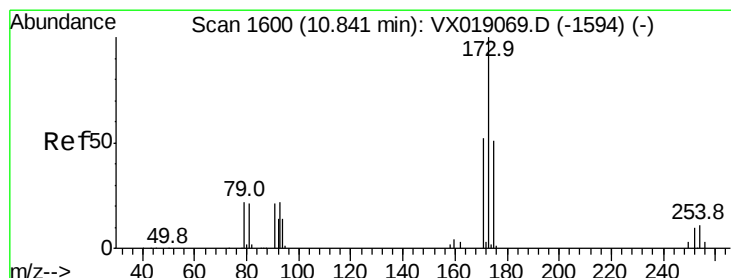
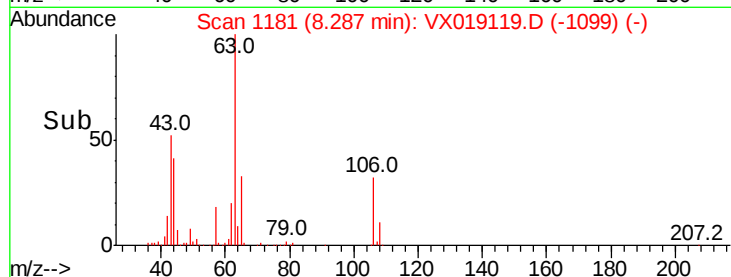
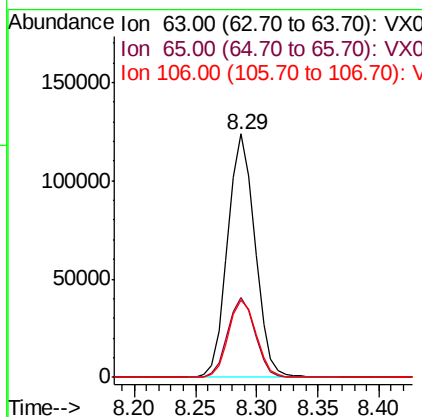
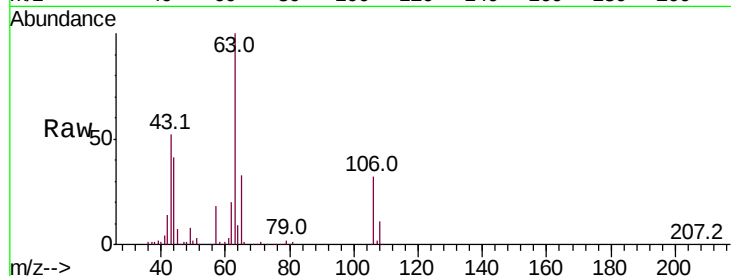




#55
2-Chloroethyl vinyl ether
Concen: 91.864 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

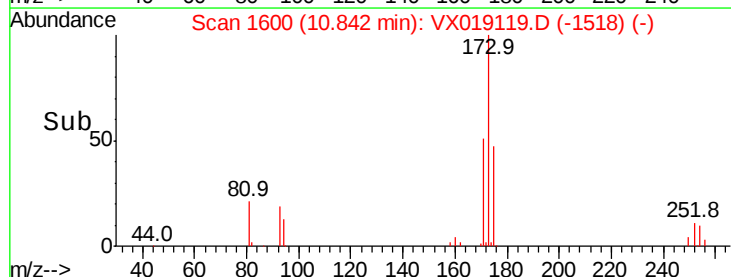
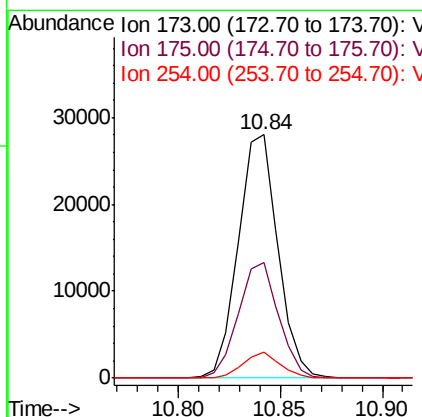
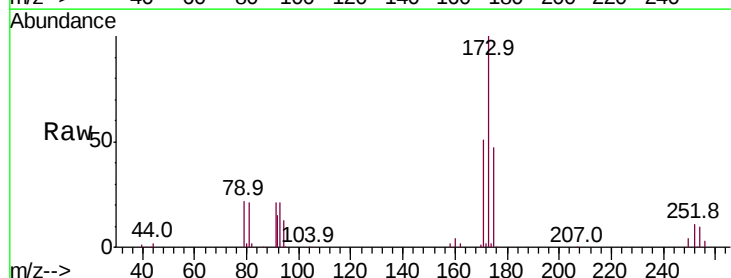
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

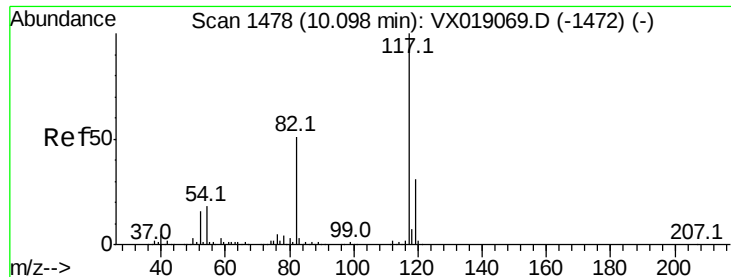
Tot Ion: 63 Resp: 191829
Ion Ratio Lower Upper
63 100
65 32.7 26.0 39.0
106 32.1 25.9 38.9



#56
Bromoform
Concen: 18.183 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 173 Resp: 37895
Ion Ratio Lower Upper
173 100
175 48.2 39.6 59.4
254 10.0 8.6 13.0

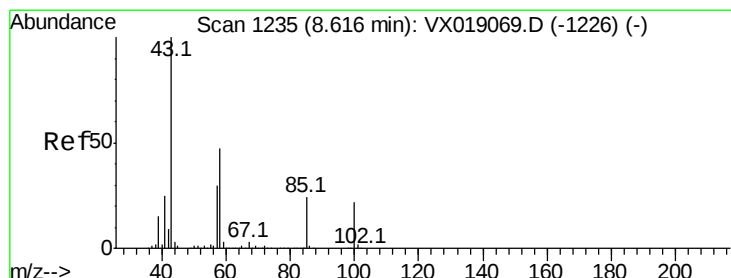
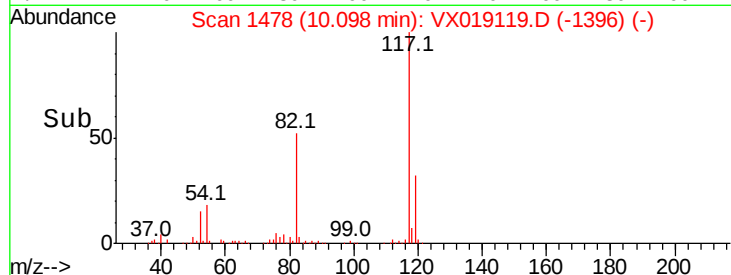
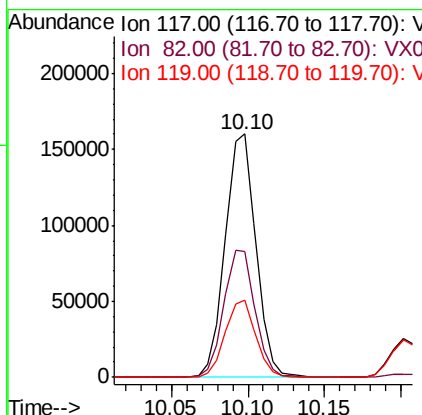
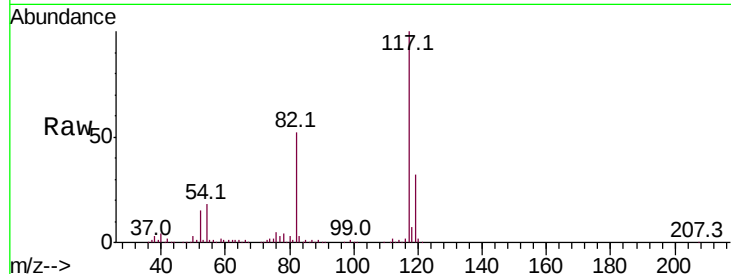




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

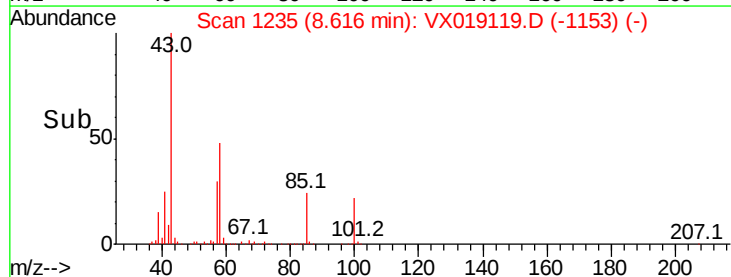
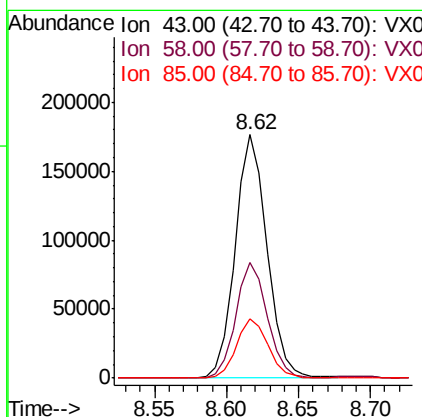
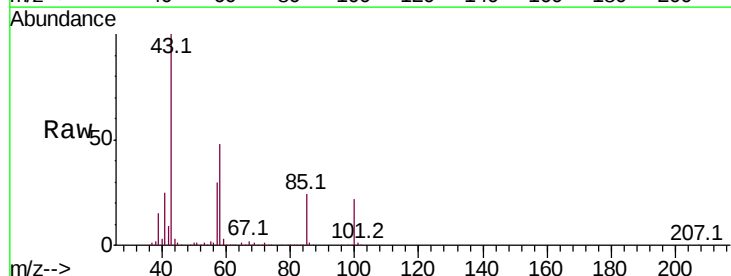
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

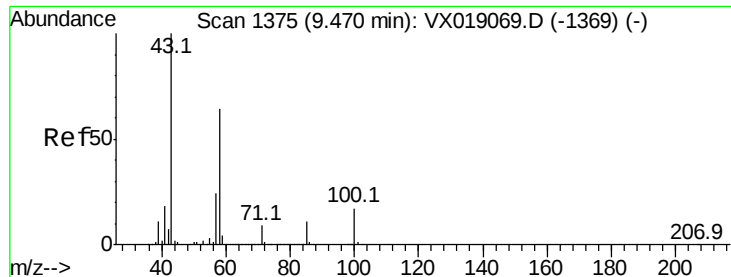
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.5	63.7
119	31.7	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 96.360 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.6	56.4
85	24.3	19.4	29.2

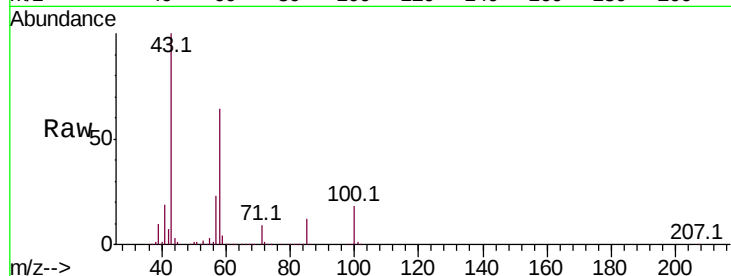




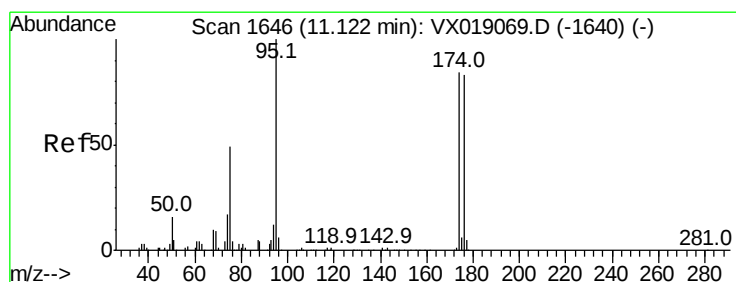
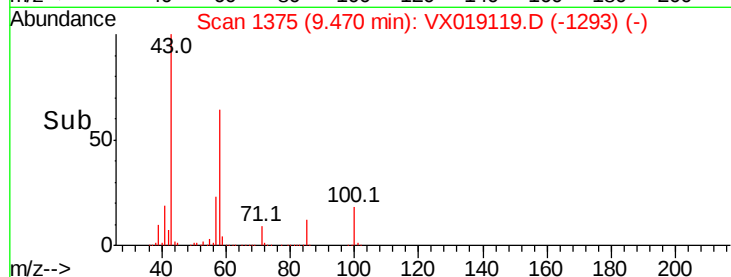
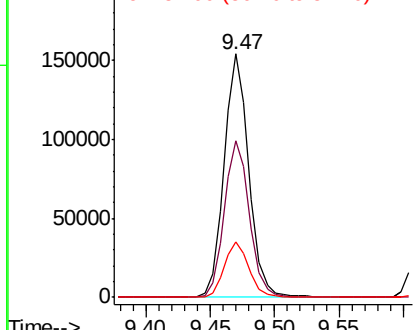
#59
2-Hexanone
Concen: 99.108 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion: 43 Resp: 207886
Ion Ratio Lower Upper
43 100
58 65.4 51.9 77.9
57 23.0 18.2 27.4

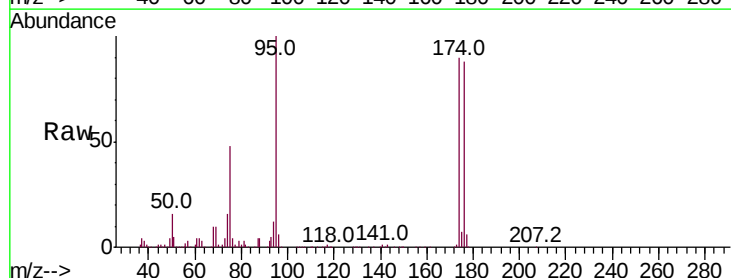


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

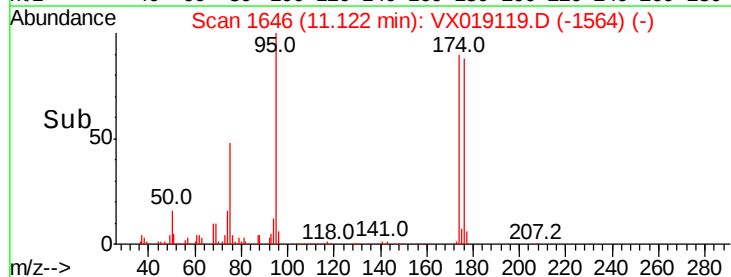
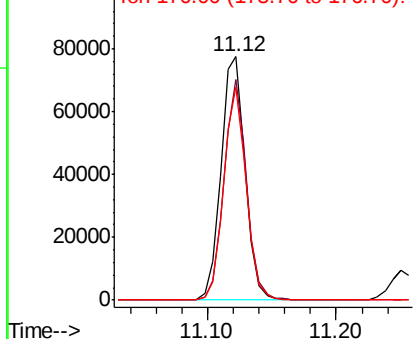


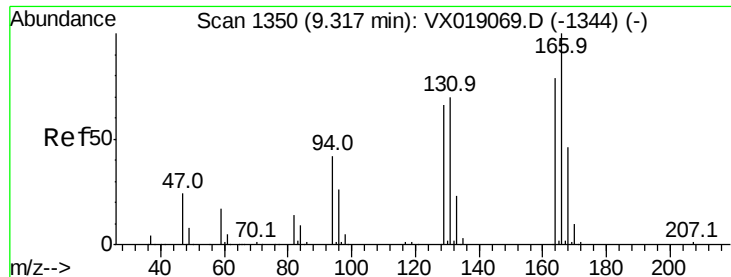
#60
4-Bromofluorobenzene
Concen: 30.571 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 95 Resp: 102419
Ion Ratio Lower Upper
95 100
174 84.0 66.3 99.5
176 81.2 65.5 98.3



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 19.392 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

Tot Ion:164 Resp: 51352

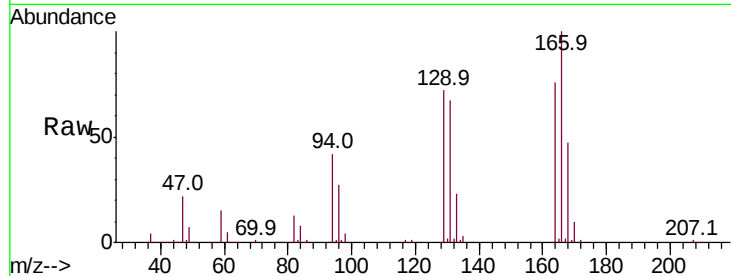
Ion Ratio Lower Upper

164 100

166 131.0 101.9 152.9

129 94.3 67.0 100.6

131 87.4 71.1 106.7

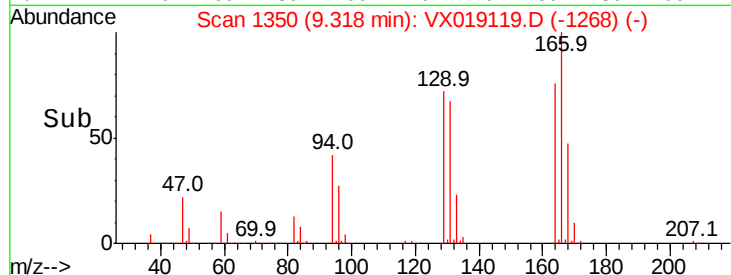


Abundance Ion 163.85 (163.55 to 164.55): V

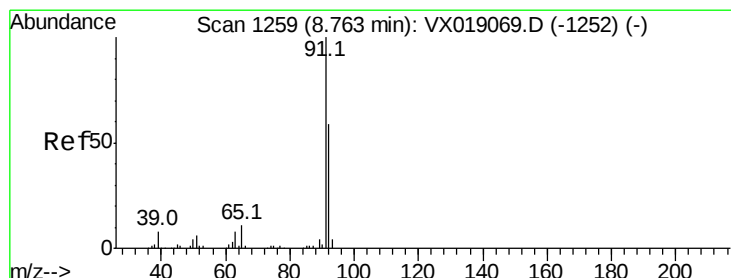
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 18.224 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019119.D

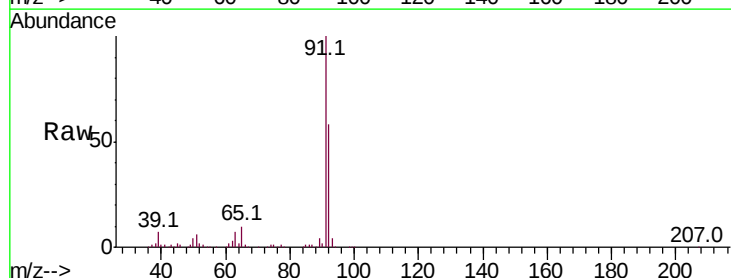
Acq: 26 Oct 2020 15:02

Tgt Ion: 91 Resp: 213789

Ion Ratio Lower Upper

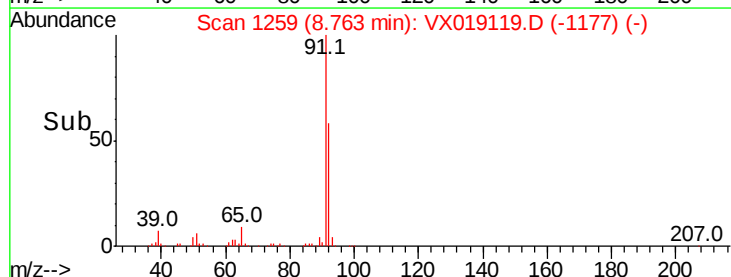
91 100

92 57.7 47.3 70.9

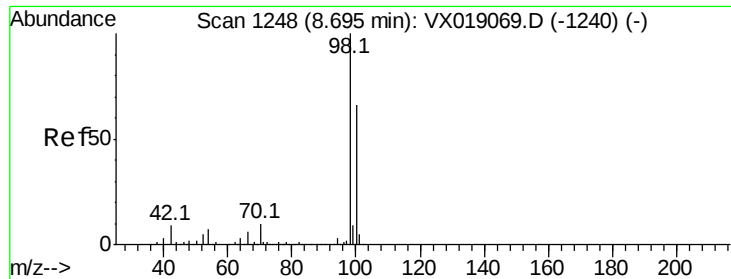


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 29.746 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

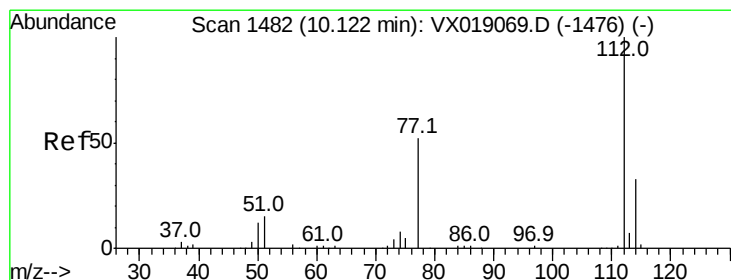
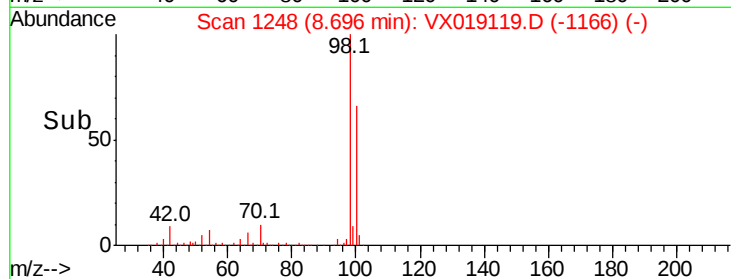
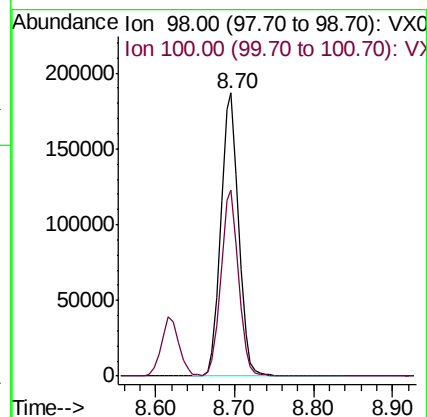
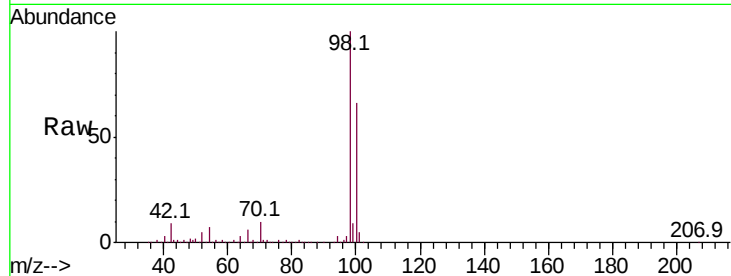
VX1026WBS01

Tot Ion: 98 Resp: 293148

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#64

Chlorobenzene

Concen: 18.615 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019119.D

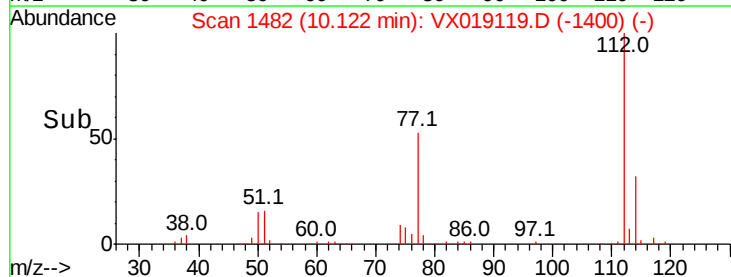
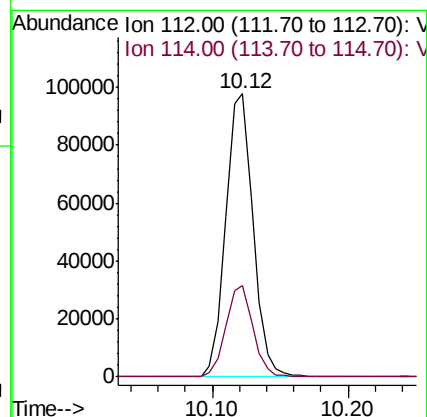
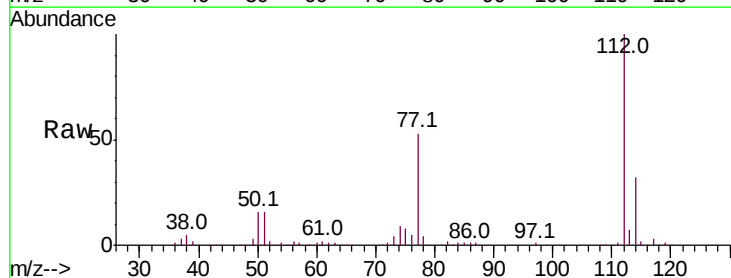
Acq: 26 Oct 2020 15:02

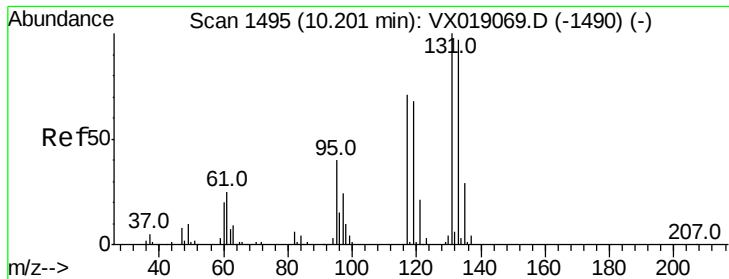
Tgt Ion: 112 Resp: 135747

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.421 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

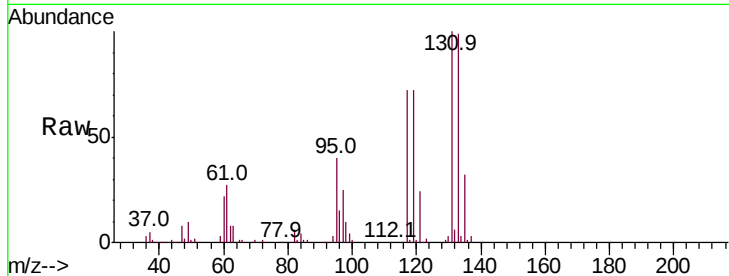
Tot Ion:131 Resp: 48855

Ion Ratio Lower Upper

131 100

133 97.2 0.0 191.6

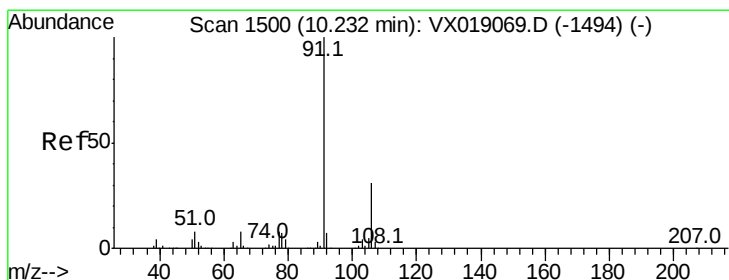
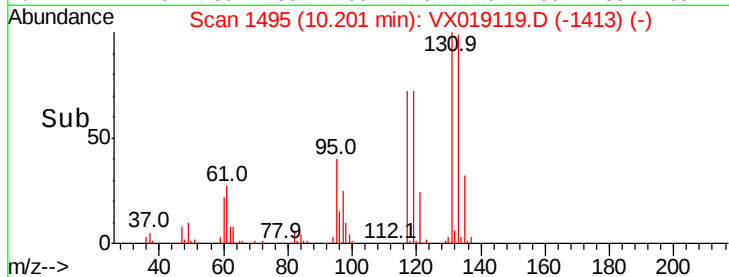
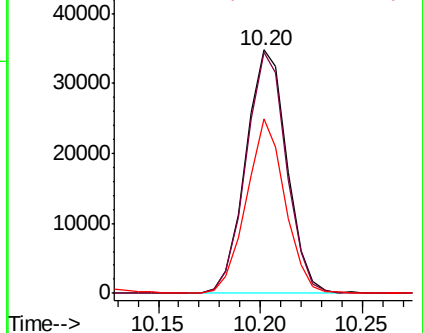
119 67.2 0.0 130.0



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: 18.379 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019119.D

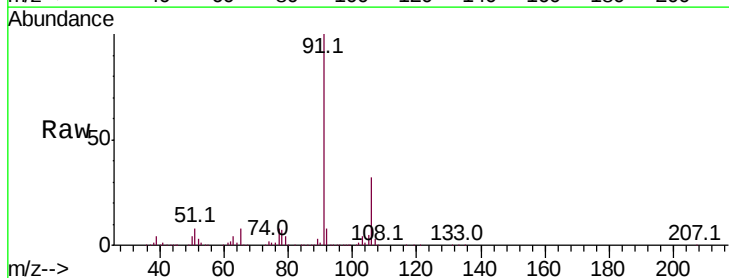
Acq: 26 Oct 2020 15:02

Tgt Ion: 91 Resp: 236385

Ion Ratio Lower Upper

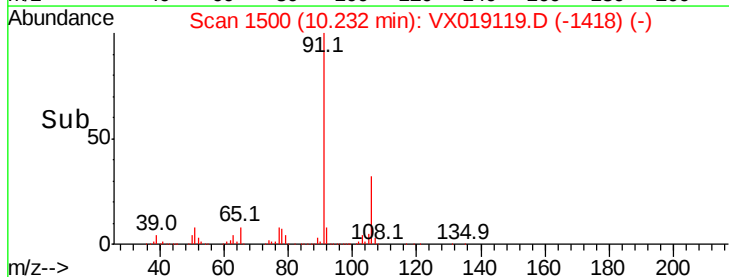
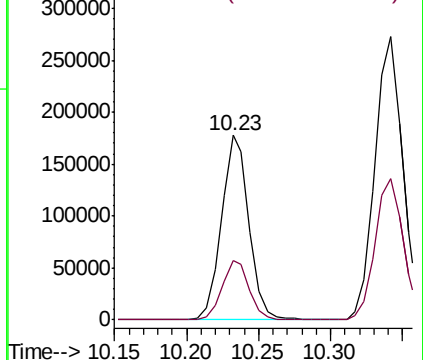
91 100

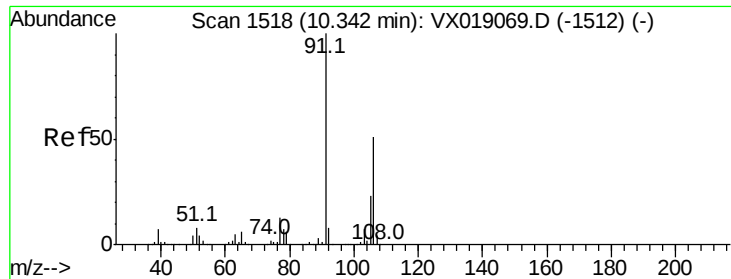
106 32.0 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.489 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

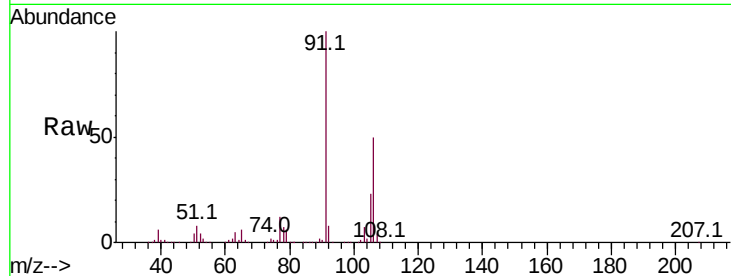
VX1026WBS01

Tot Ion:106 Resp: 183884

Ion Ratio Lower Upper

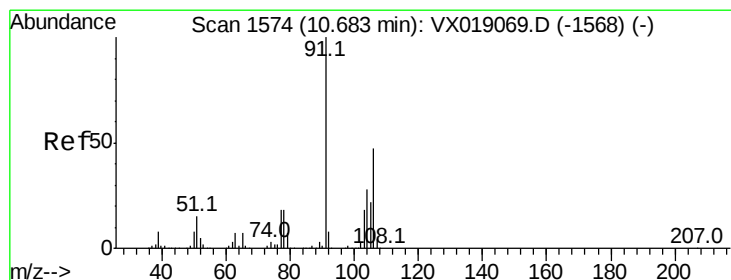
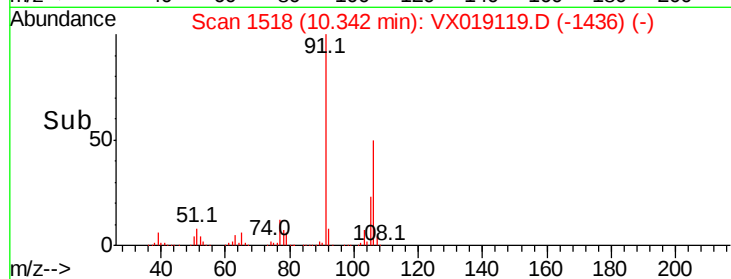
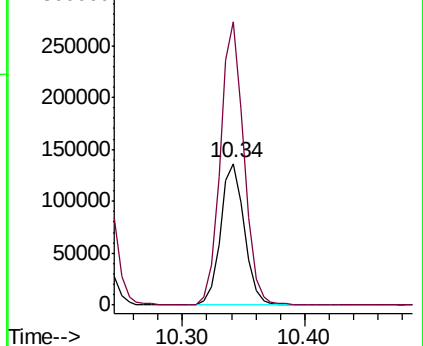
106 100

91 197.6 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.785 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019119.D

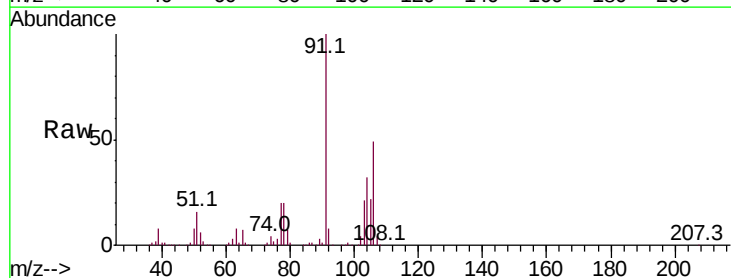
Acq: 26 Oct 2020 15:02

Tgt Ion:106 Resp: 87877

Ion Ratio Lower Upper

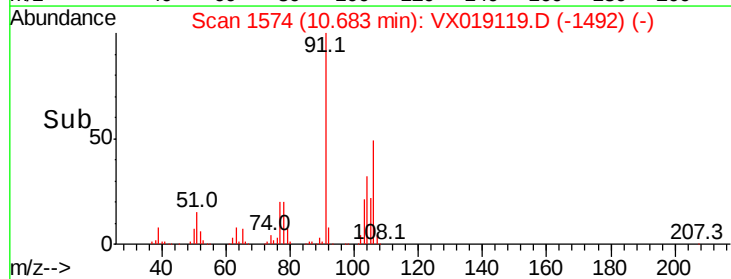
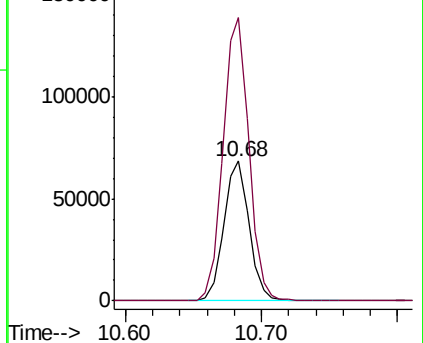
106 100

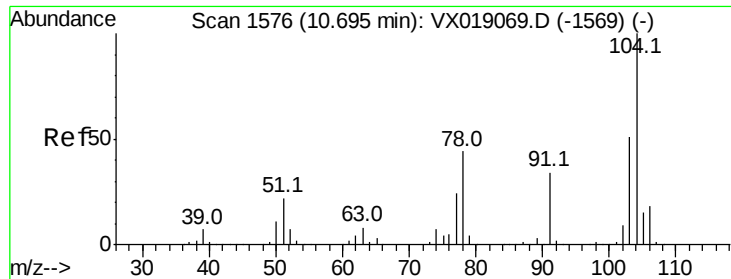
91 206.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

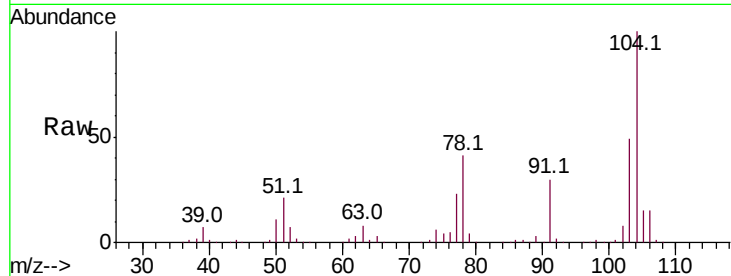




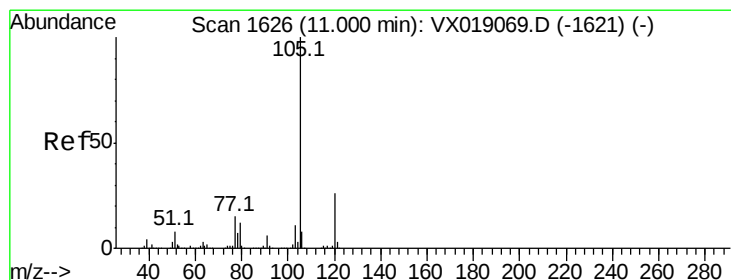
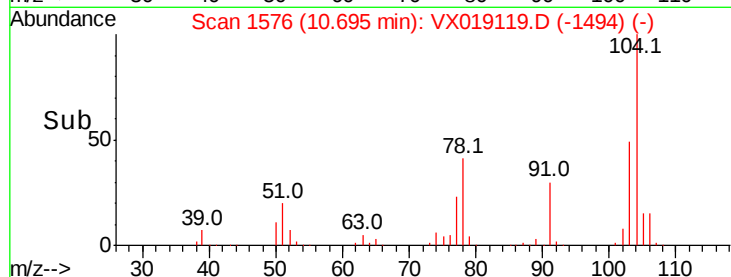
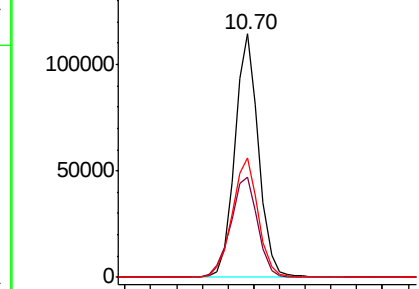
#69
Stvrene
Concen: 18.706 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

Tot Ion:104 Resp: 147438
Ion Ratio Lower Upper
104 100
78 47.1 38.6 58.0
103 53.9 43.4 65.2

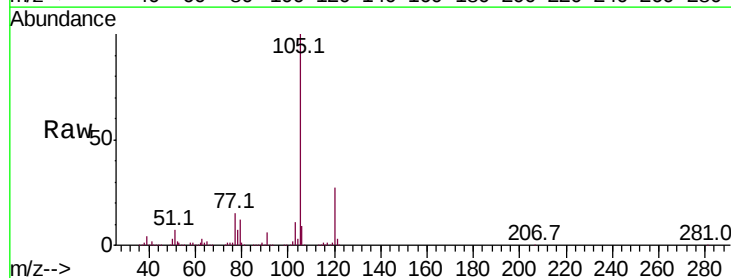


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

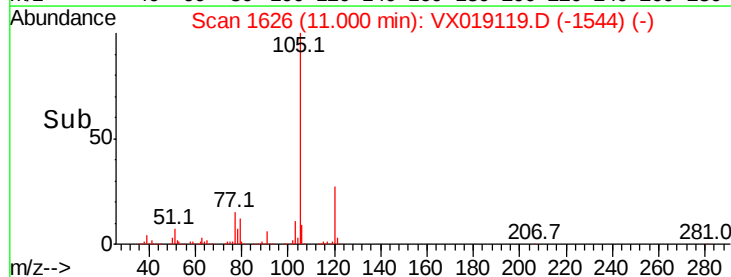
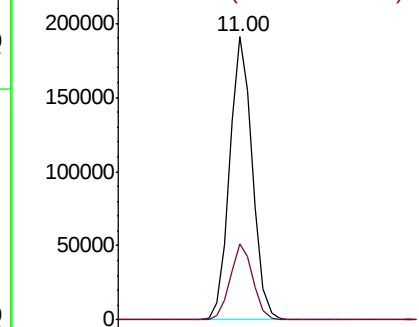


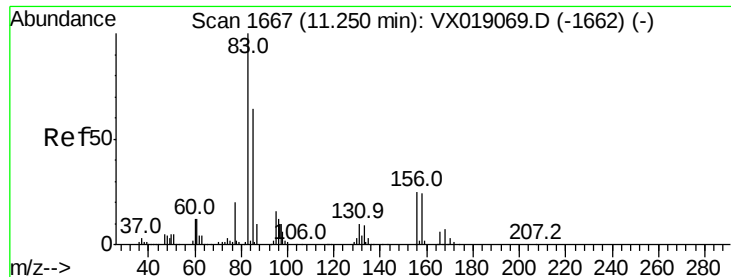
#70
Isopropylbenzene
Concen: 18.856 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion:105 Resp: 237176
Ion Ratio Lower Upper
105 100
120 27.0 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.353 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

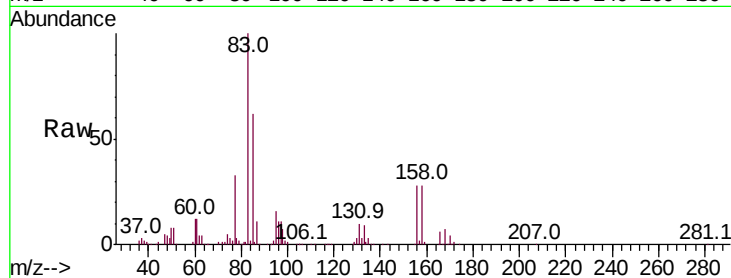
Tot Ion: 83 Resp: 73908

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

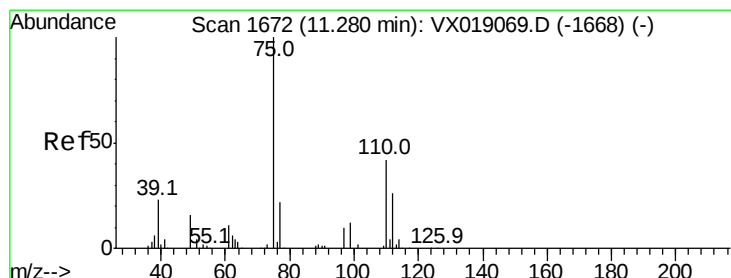
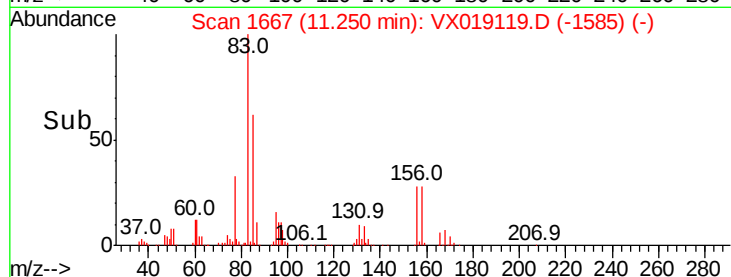
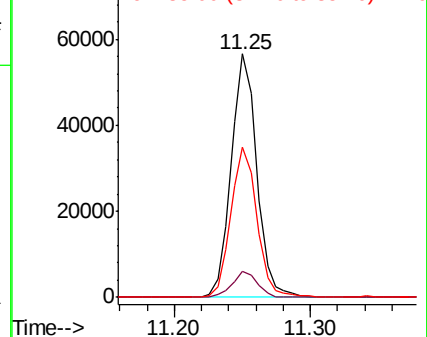
85 63.2 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.038 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019119.D

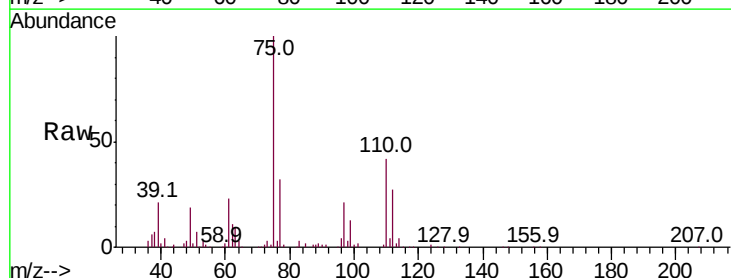
Acq: 26 Oct 2020 15:02

Tgt Ion: 75 Resp: 85028

Ion Ratio Lower Upper

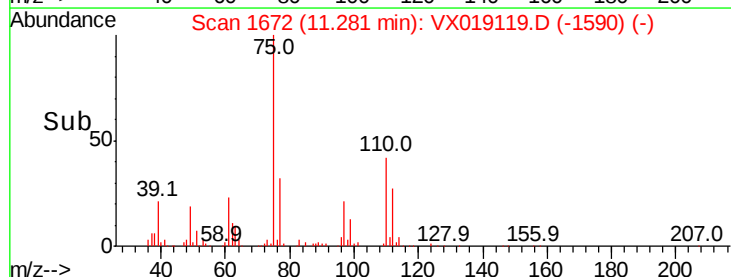
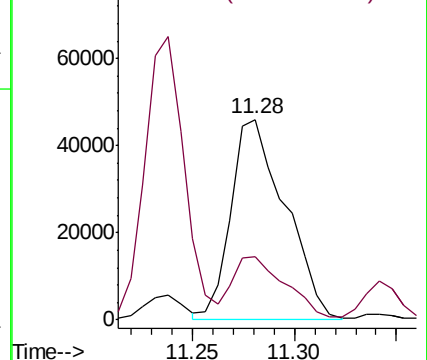
75 100

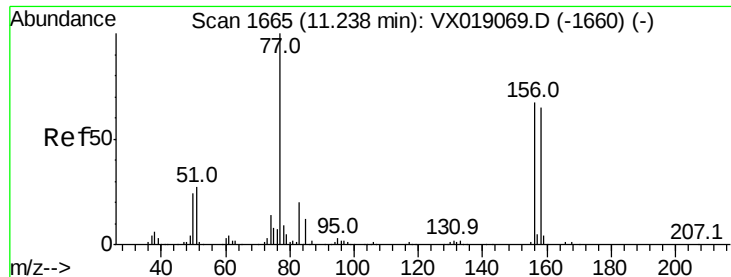
77 31.2 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.030 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

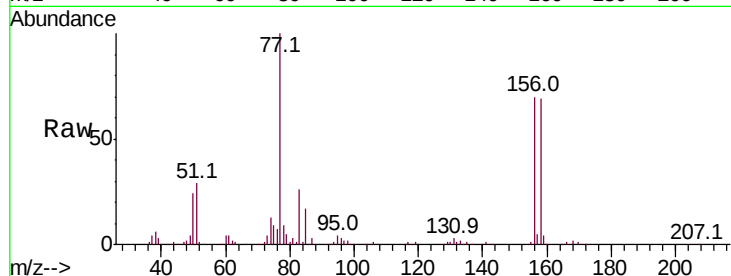
Tot Ion:156 Resp: 58500

Ion Ratio Lower Upper

156 100

77 149.6 0.0 299.6

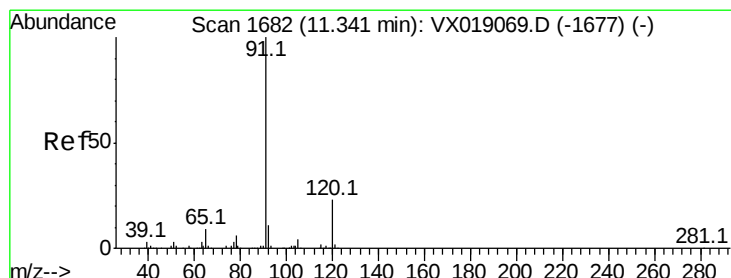
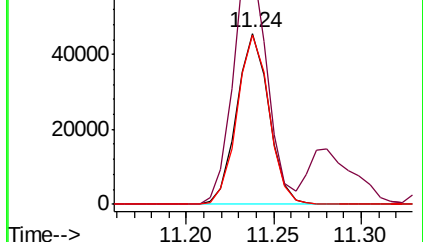
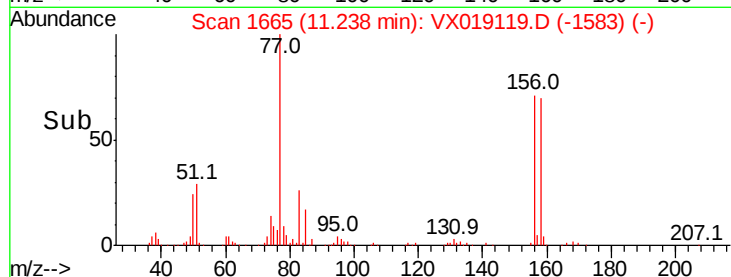
158 98.5 0.0 192.2



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: 19.350 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019119.D

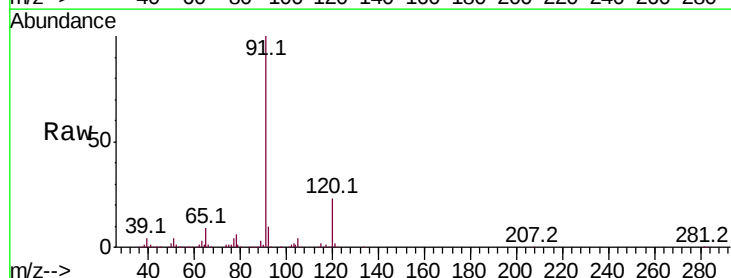
Acq: 26 Oct 2020 15:02

Tgt Ion: 91 Resp: 275587

Ion Ratio Lower Upper

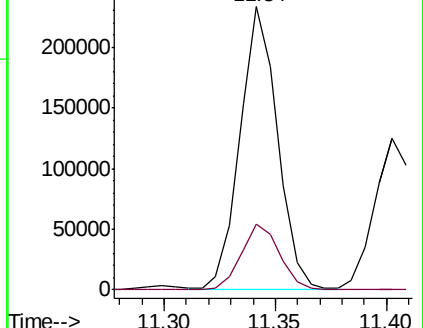
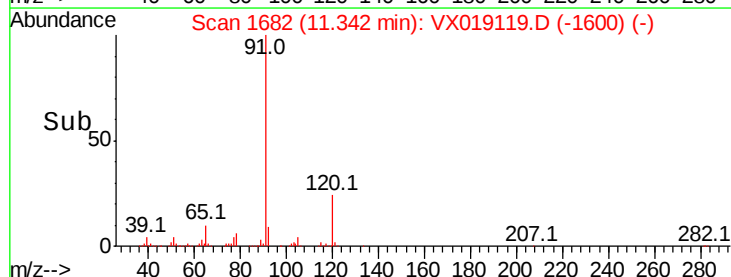
91 100

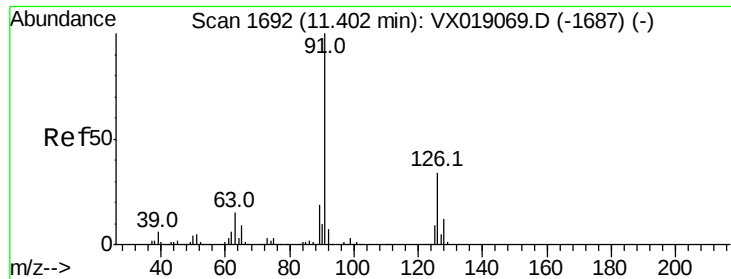
120 23.7 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.523 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

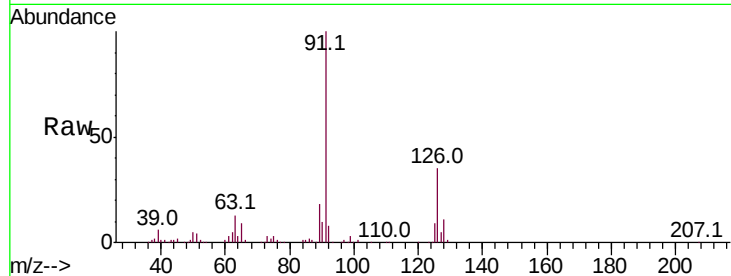
VX1026WBS01

Tot Ion: 91 Resp: 157277

Ion Ratio Lower Upper

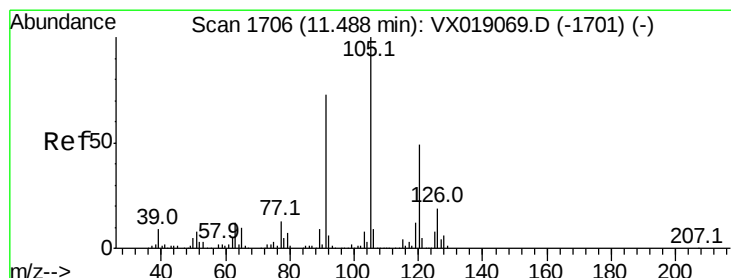
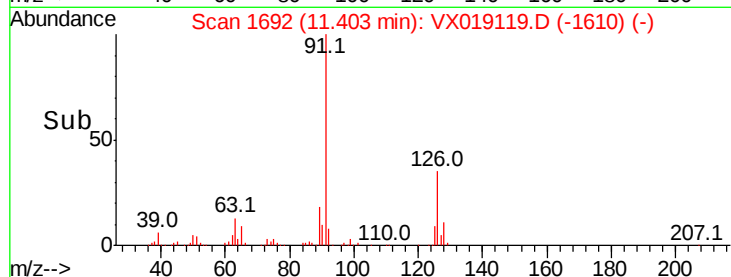
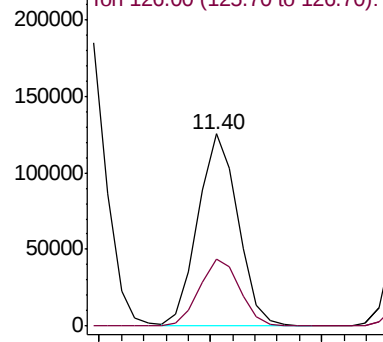
91 100

126 35.2 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.231 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019119.D

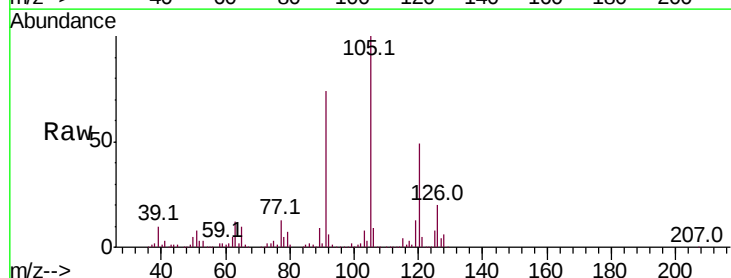
Acq: 26 Oct 2020 15:02

Tgt Ion:105 Resp: 196285

Ion Ratio Lower Upper

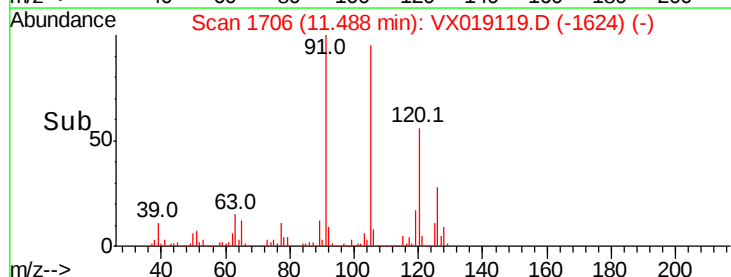
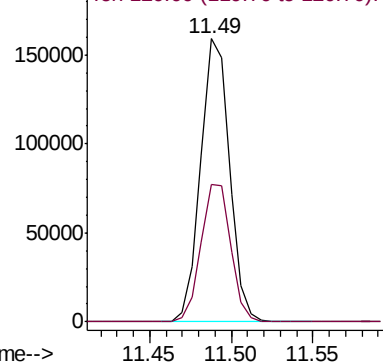
105 100

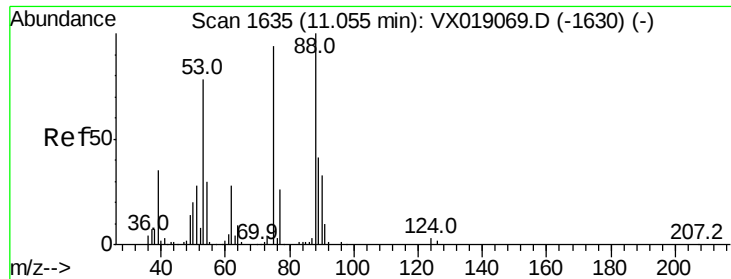
120 50.0 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.211 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

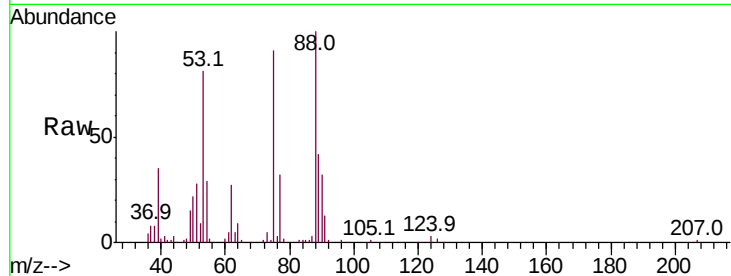
Tot Ion: 75 Resp: 23618

Ion Ratio Lower Upper

75 100

53 89.2 41.6 124.8

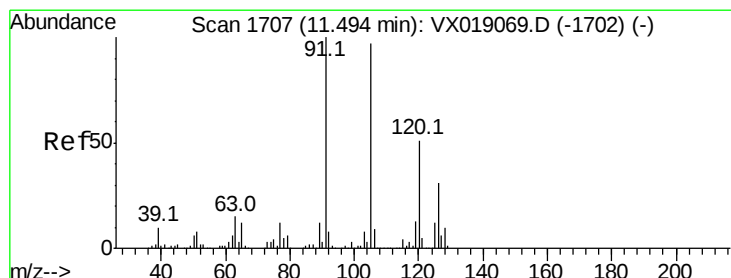
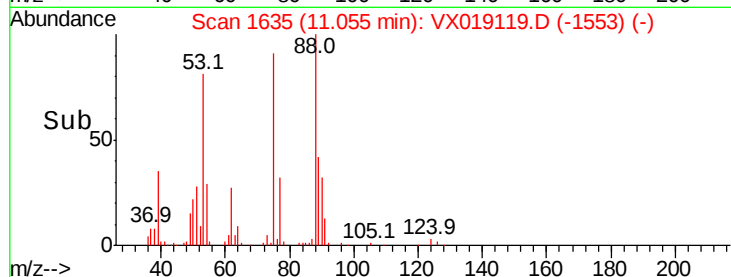
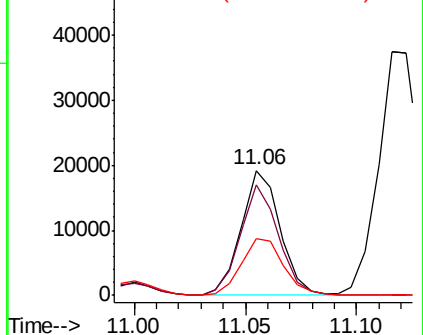
89 45.4 21.8 65.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.477 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019119.D

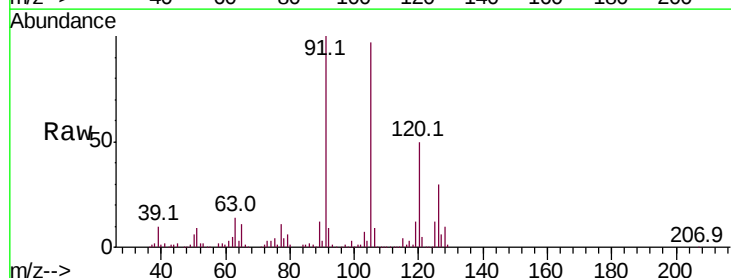
Acq: 26 Oct 2020 15:02

Tgt Ion: 91 Resp: 184386

Ion Ratio Lower Upper

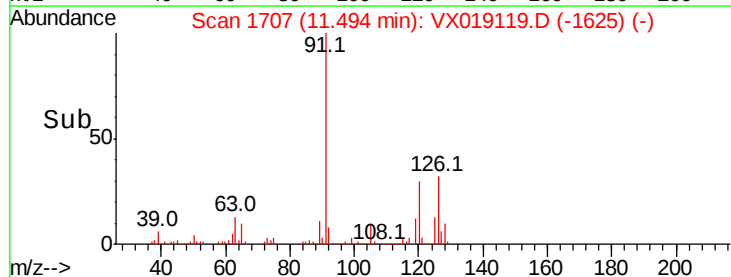
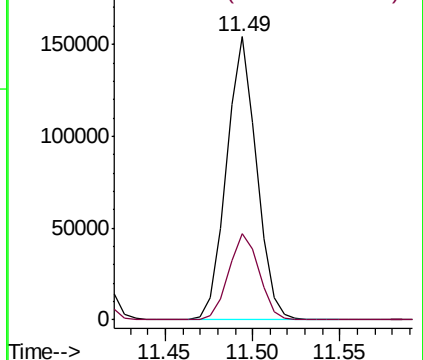
91 100

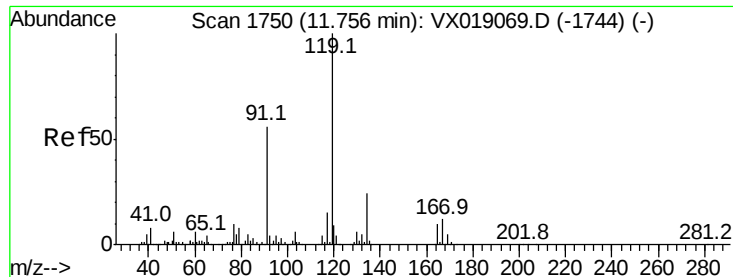
126 30.8 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.053 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

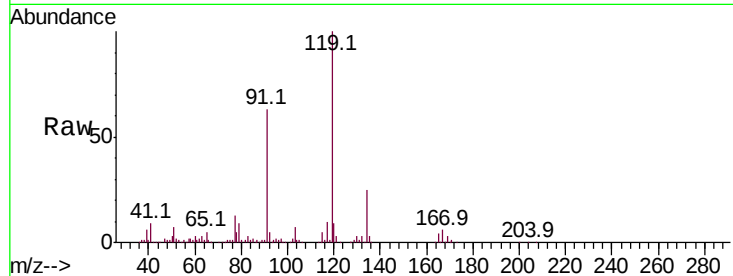
Tot Ion:119 Resp: 191501

Ion Ratio Lower Upper

119 100

91 56.9 0.0 111.4

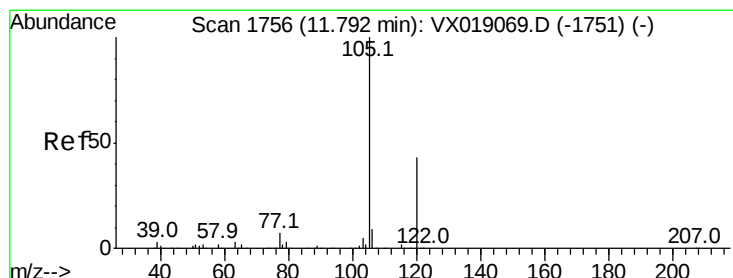
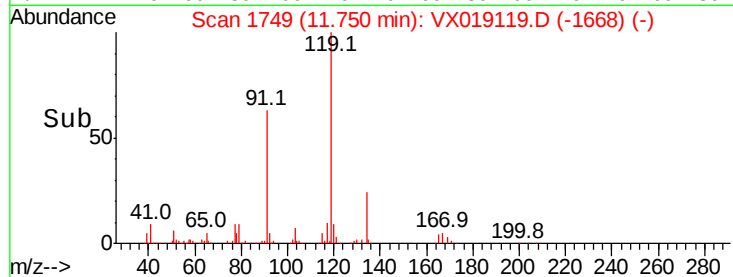
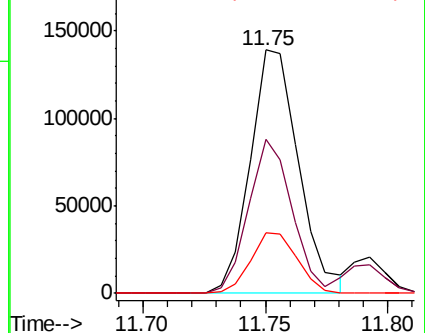
134 24.1 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.355 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019119.D

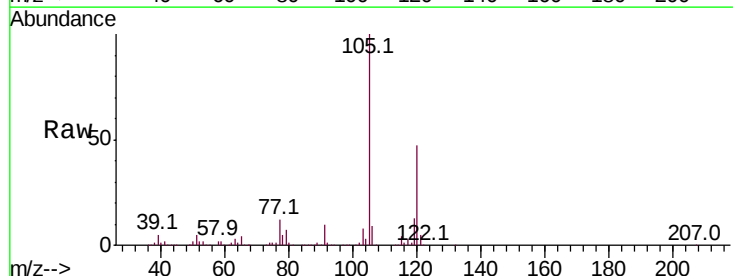
Acq: 26 Oct 2020 15:02

Tgt Ion:105 Resp: 196377

Ion Ratio Lower Upper

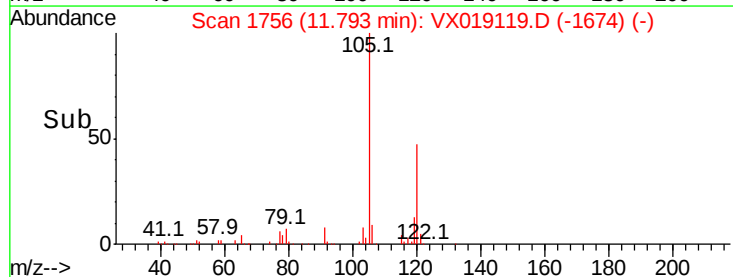
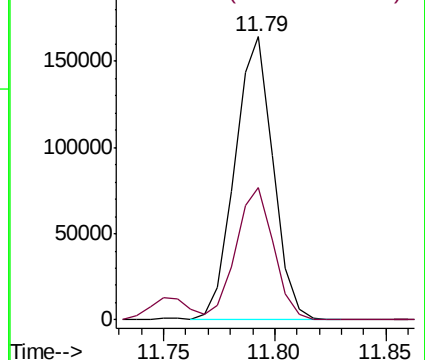
105 100

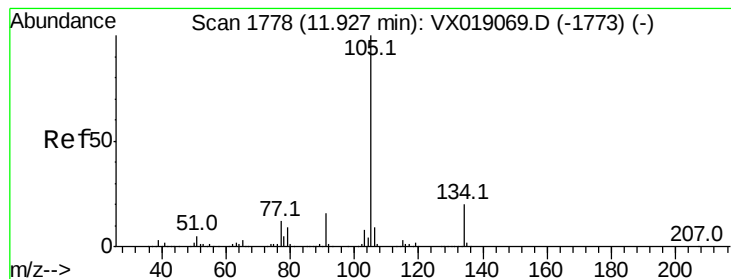
120 46.3 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.784 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

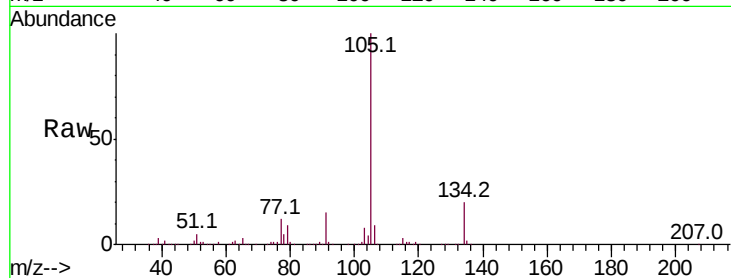
VX1026WBS01

Tot Ion:105 Resp: 235282

Ion Ratio Lower Upper

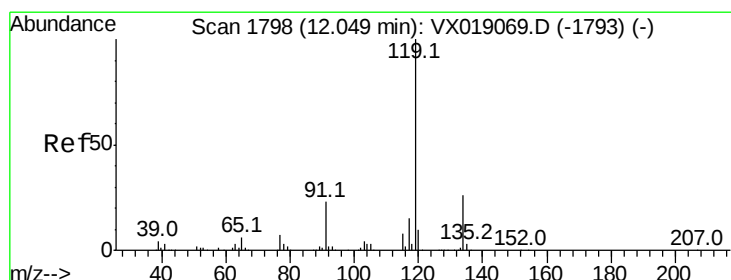
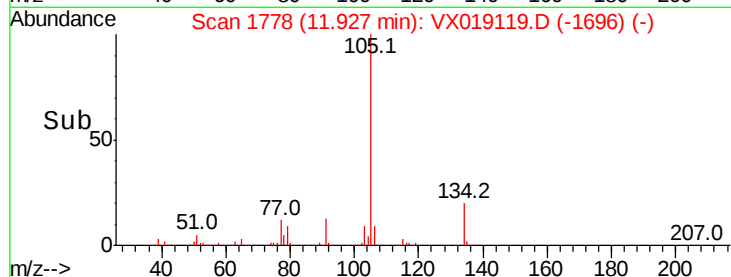
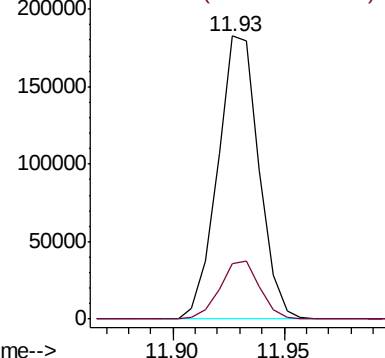
105 100

134 20.1 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.617 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

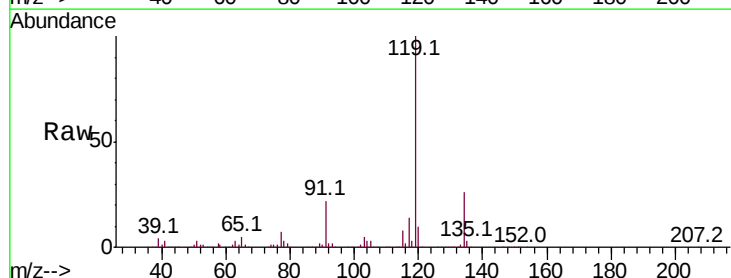
Tgt Ion:119 Resp: 215010

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.0

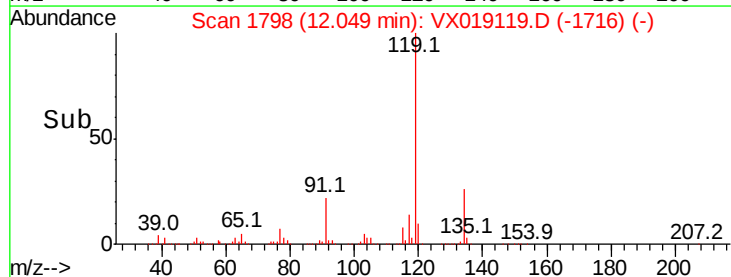
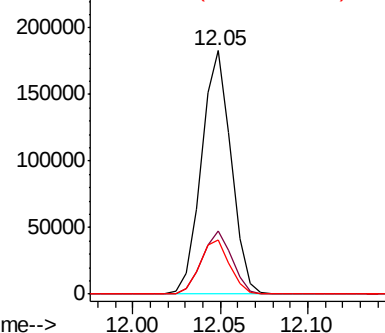
91 22.4 0.0 45.6

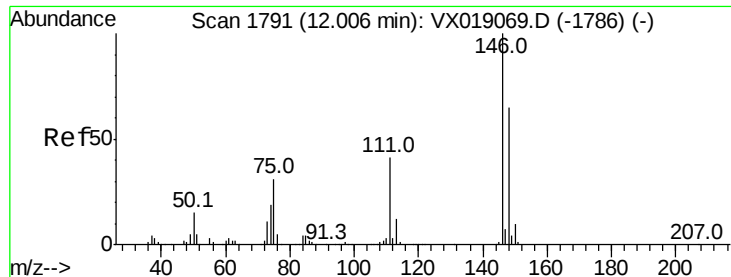


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

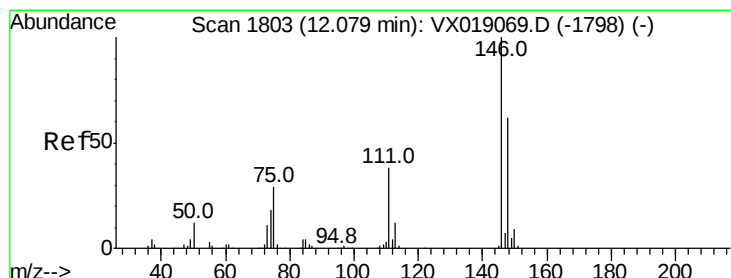
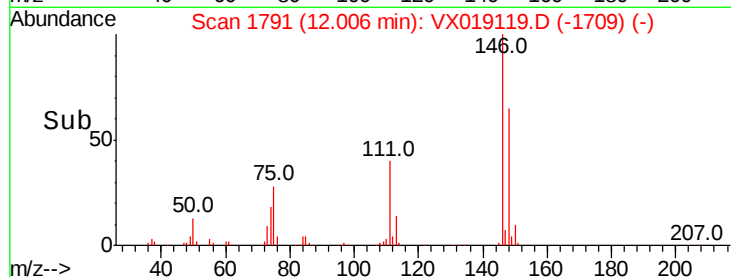
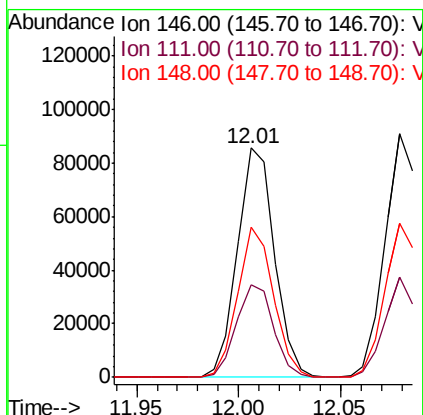
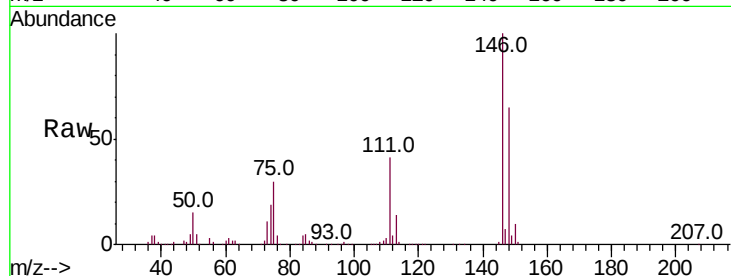




#83
 1,3-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

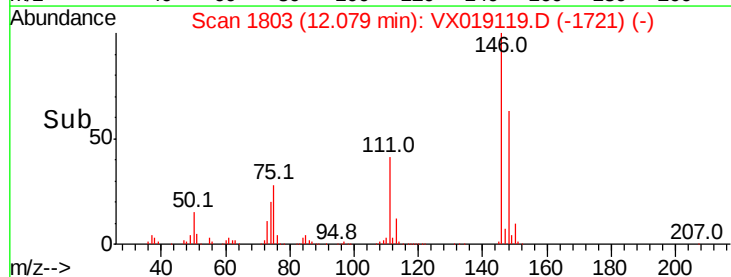
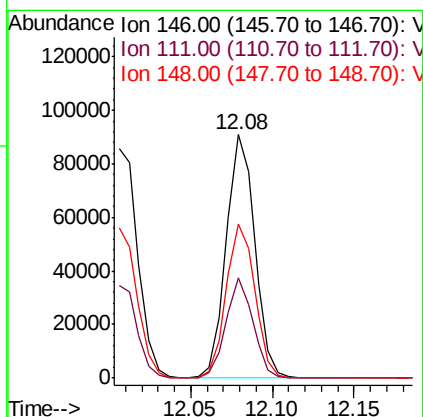
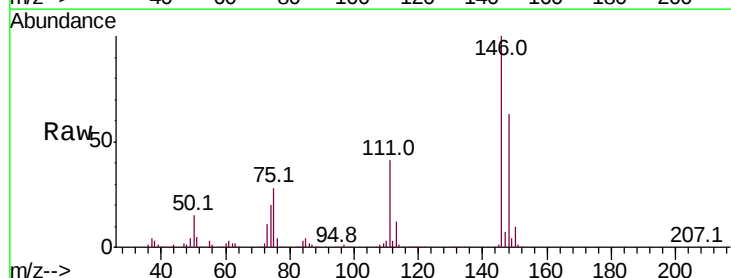
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

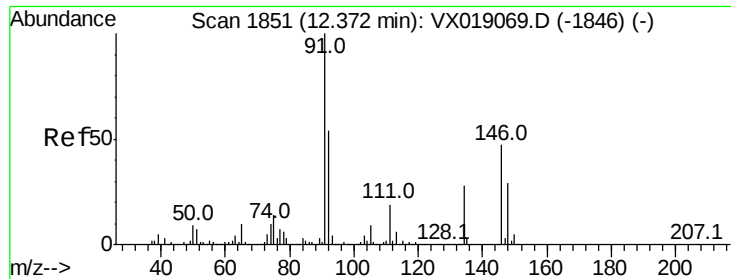
Tot Ion:146 Resp: 108329
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 63.3 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.875 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019119.D
 Acq: 26 Oct 2020 15:02

Tgt Ion:146 Resp: 110873
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.7
 148 63.7 31.6 95.0

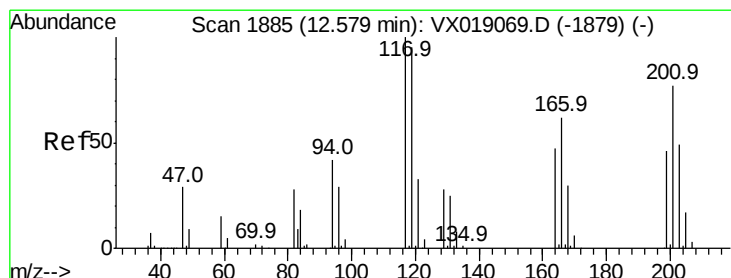
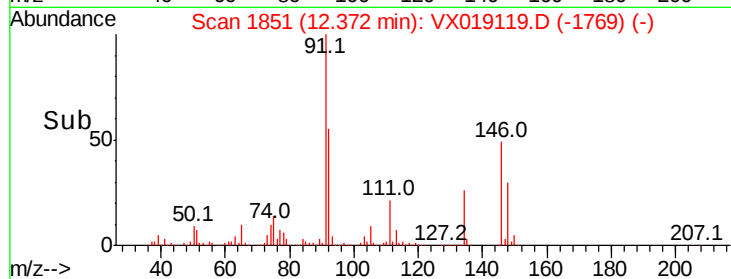
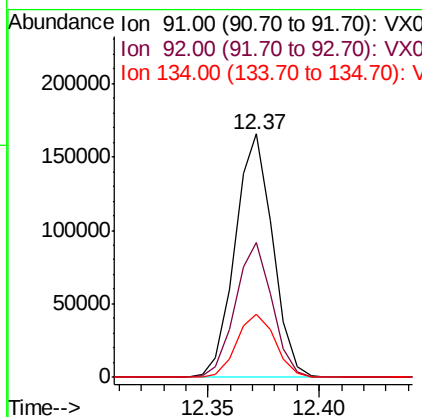
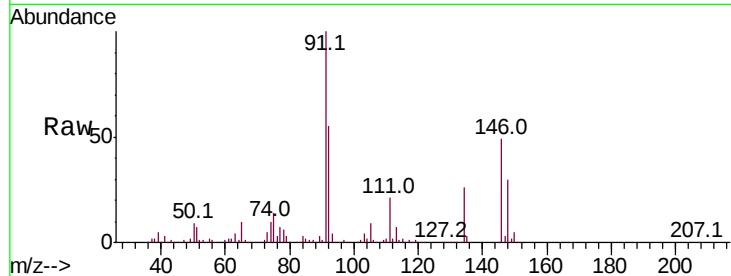




#85
n-Butylbenzene
Concen: 19.757 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

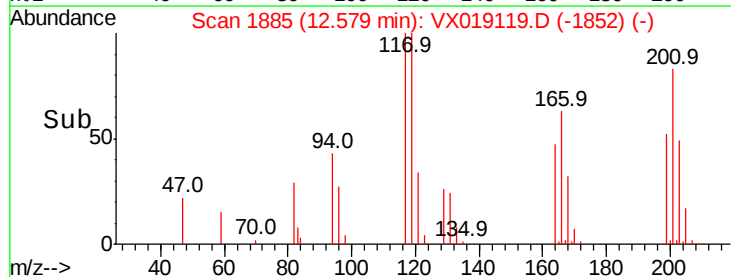
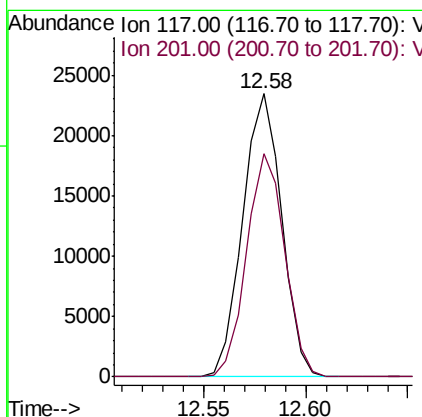
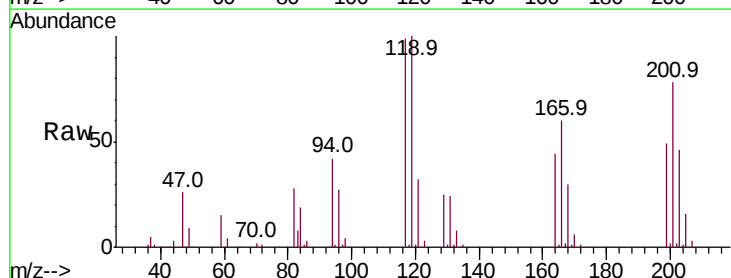
Instrument :
MSVOA_X
ClientSampled :
VX1026WBS01

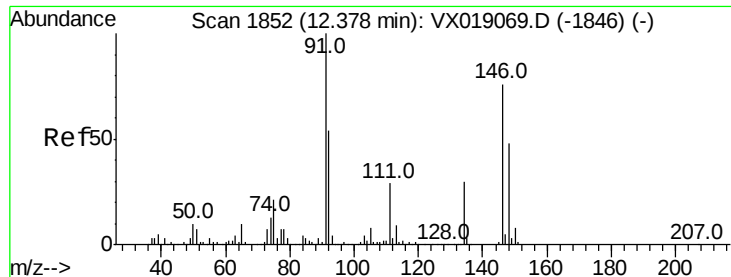
Tot Ion: 91 Resp: 193897
Ion Ratio Lower Upper
91 100
92 54.6 0.0 107.4
134 26.7 0.0 54.6



#86
Hexachloroethane
Concen: 18.544 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion: 117 Resp: 31219
Ion Ratio Lower Upper
117 100
201 77.2 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 20.140 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampled :

VX1026WBS01

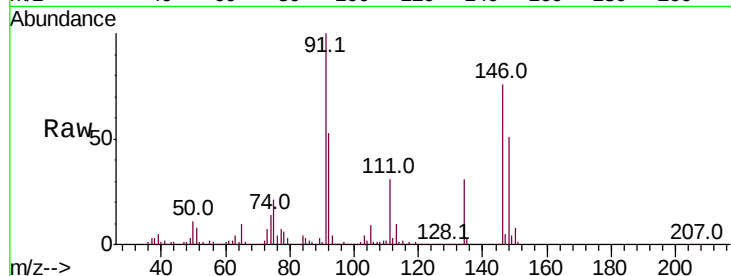
Tot Ion:146 Resp: 105933

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

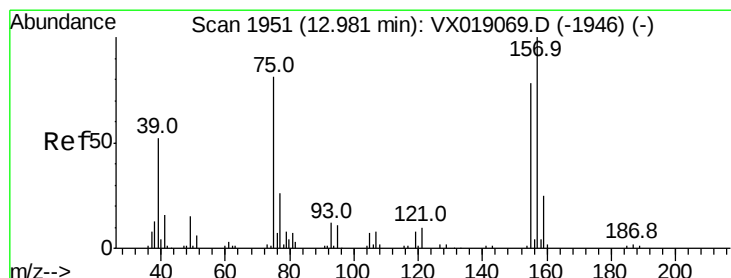
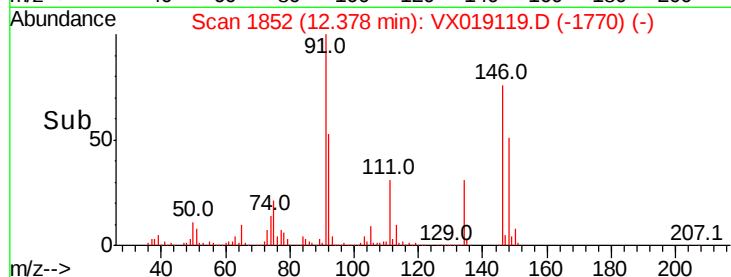
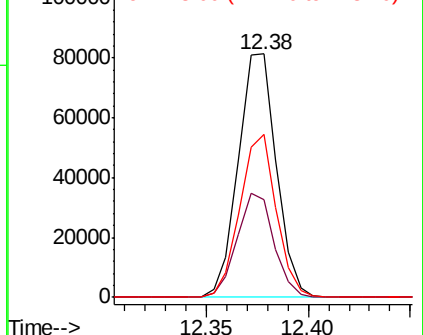
148 63.7 32.1 96.5



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: 18.954 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

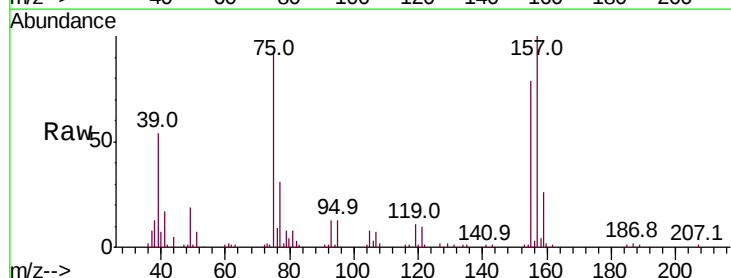
Tgt Ion: 75 Resp: 15578

Ion Ratio Lower Upper

75 100

155 87.7 73.7 110.5

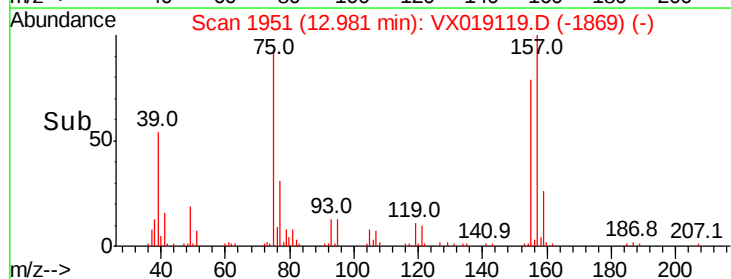
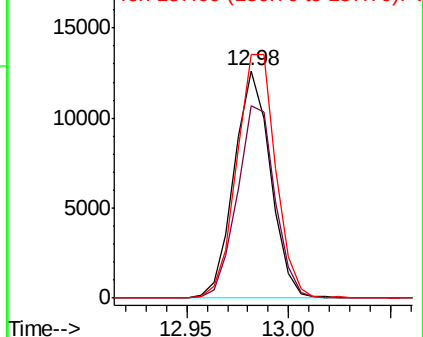
157 114.7 96.5 144.7

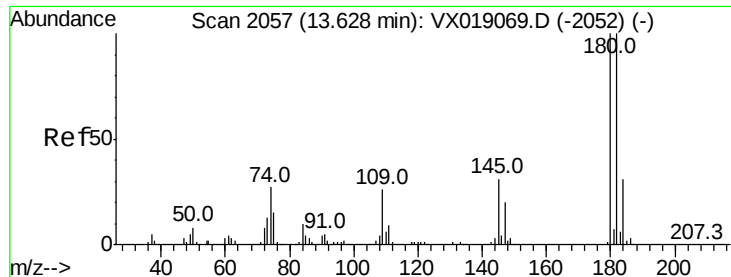


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

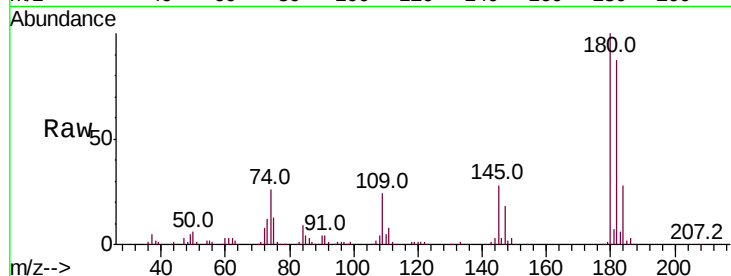




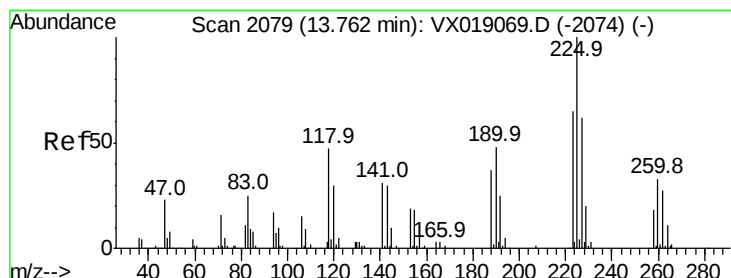
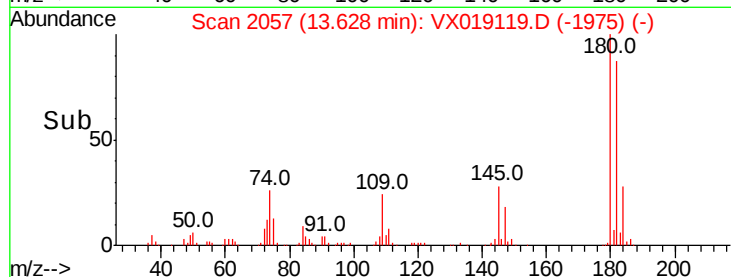
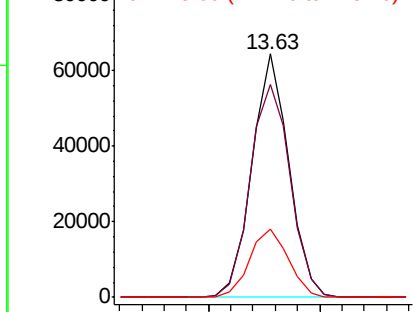
#89
1,2,4-Trichlorobenzene
Concen: 19.610 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Tot Ion:180 Resp: 74229
Ion Ratio Lower Upper
180 100
182 95.3 76.5 114.7
145 29.7 24.2 36.4

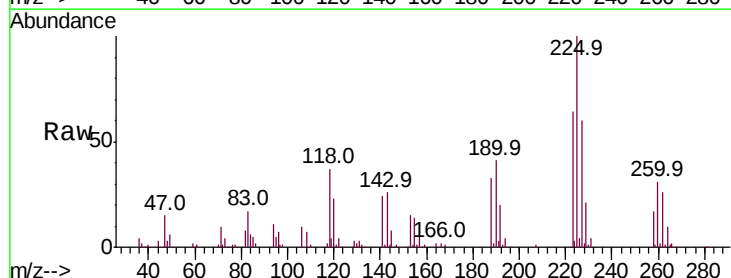


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

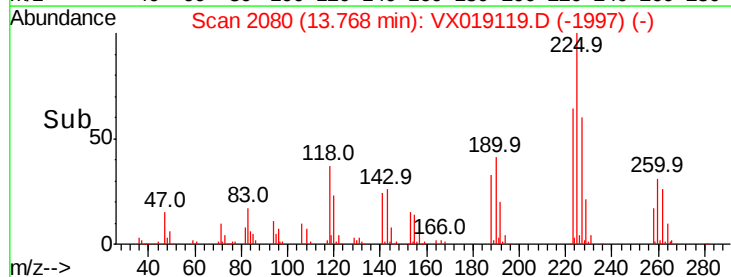
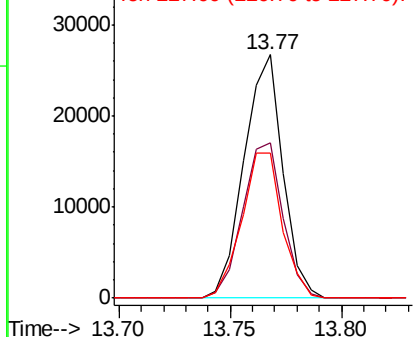


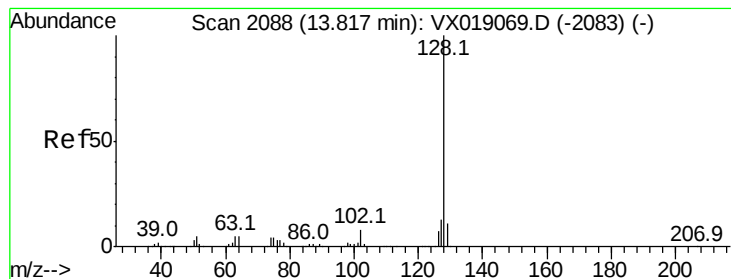
#90
Hexachlorobutadiene
Concen: 20.281 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019119.D
Acq: 26 Oct 2020 15:02

Tgt Ion:225 Resp: 32550
Ion Ratio Lower Upper
225 100
223 66.3 0.0 130.0
227 62.6 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.133 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS01

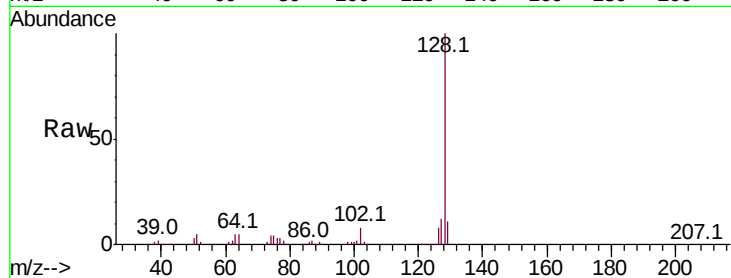
Tot Ion:128 Resp: 237082

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

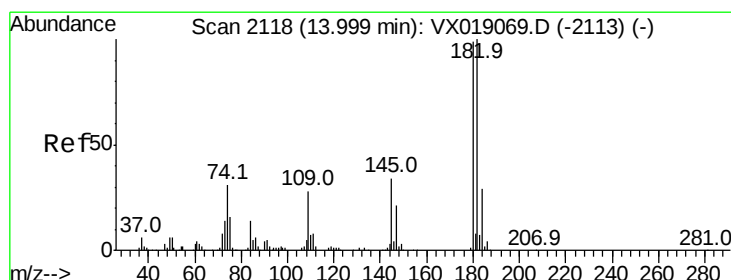
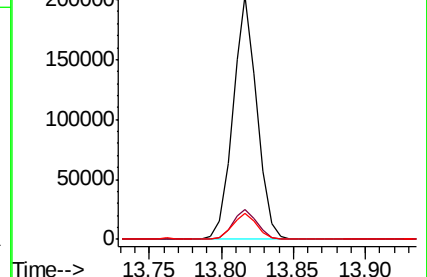
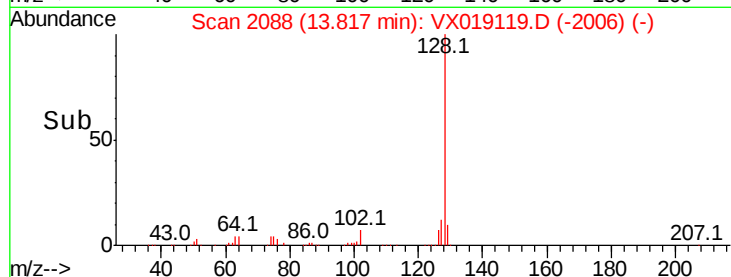
129 10.7 8.9 13.3



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: 19.953 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019119.D

Acq: 26 Oct 2020 15:02

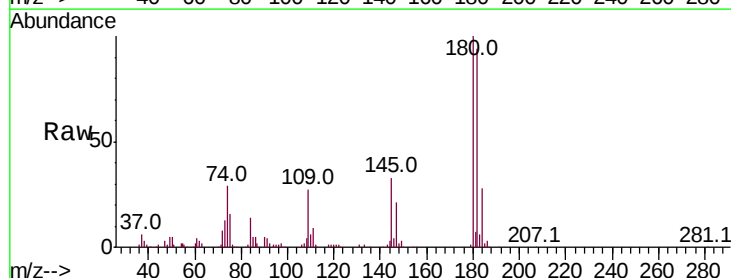
Tgt Ion:180 Resp: 72653

Ion Ratio Lower Upper

180 100

182 93.7 0.0 192.4

145 31.9 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

