

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019077.D
 Acq On : 23 Oct 2020 14:03
 Operator : JC/SP
 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Quant Time: Oct 26 04:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	47092	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	261417	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	230891	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	94588	30.16	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.53%
60) 4-Bromofluorobenzene	11.12	95	102746	29.65	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.83%
63) Toluene-d8	8.70	98	316278	31.03	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	43283	18.289	ug/l 99
3) Chloromethane	1.31	50	42275	19.770	ug/l 100
4) Vinyl Chloride	1.39	62	53006	18.913	ug/l 100
5) Bromomethane	1.64	94	52386	26.987	ug/l 97
6) Chloroethane	1.72	64	35579	18.734	ug/l 99
7) Trichlorofluoromethane	1.92	101	89988	18.440	ug/l 95
8) Diethyl Ether	2.17	74	35314	19.305	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43714	18.747	ug/l 100
10) 1,1-Dichloroethene	2.36	96	44289	18.683	ug/l 92
11) Methyl Iodide	2.50	142	35016	18.581	ug/l 92
12) Methyl Acetate	2.75	43	44905	19.135	ug/l 95
13) Acrolein	2.28	56	21718	100.508	ug/l 98
14) Acrylonitrile	3.12	53	108219	98.157	ug/l 100
15) Acetone	2.42	58	31681	100.311	ug/l 98
16) Carbon Disulfide	2.55	76	119755	18.175	ug/l 100
17) Allyl chloride	2.71	41	54620	18.445	ug/l 100
18) Methylene Chloride	2.84	84	51296	18.974	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	50504	18.241	ug/l 97
20) Diisopropyl ether	3.82	45	112771	18.799	ug/l 97
21) 1,1-Dichloroethane	3.67	63	82196	18.663	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	58961	18.384	ug/l 98
23) tert-Butyl Alcohol	3.02	59	52217	97.693	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	139507	18.611	ug/l 99
25) Chloroform	5.18	83	91405	18.731	ug/l 99
26) Cyclohexane	5.56	56	63839	18.653	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	68835	18.665	ug/l 98
30) 2-Butanone	4.64	43	147838	100.626	ug/l 99
31) 2,2-Dichloropropane	4.55	77	78799	18.675	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	81645	18.419	ug/l 98
33) Carbon Tetrachloride	5.76	117	69142	17.975	ug/l 94
34) Benzene	6.12	78	203576	18.761	ug/l 98
35) Methacrylonitrile	5.00	41	31772	19.977	ug/l 97
36) 1,2-Dichloroethane	6.17	62	70709	18.996	ug/l 100
37) Trichloroethene	7.19	130	58327	18.701	ug/l 98
38) Methylcyclohexane	7.44	83	77532	18.756	ug/l 99
39) 1,2-Dichloropropane	7.49	63	48805	19.376	ug/l 95
40) Dibromomethane	7.63	93	36912	18.883	ug/l 99

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 Data File : VX019077.D
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 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Quant Time: Oct 26 04:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	71943	18.615	ug/l	98
42) Vinyl Acetate	3.78	43	546018	95.515	ug/l	100
43) Ethyl Acetate	4.79	43	58252	18.900	ug/l	99
44) Isopropyl Acetate	6.42	43	99524	19.284	ug/l	99
45) 1,4-Dioxane	7.73	88	20286	373.949	ug/l	99
46) Methyl methacrylate	7.74	41	46028	18.843	ug/l	97
47) n-amyl Acetate	10.88	43	77351	18.685	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	79324	18.334	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	85857	18.648	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	53565	18.918	ug/l	98
51) Ethyl methacrylate	9.16	69	77323	18.716	ug/l	99
52) 1,3-Dichloropropane	9.35	76	88538	19.195	ug/l	100
53) Dibromochloromethane	9.56	129	56302	17.863	ug/l	99
54) 1,2-Dibromoethane	9.65	107	58052	18.868	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	222133	100.608	ug/l	100
56) Bromoform	10.84	173	35844	16.266	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	298561	102.538	ug/l	100
59) 2-Hexanone	9.47	43	224666	103.545	ug/l	99
61) Tetrachloroethene	9.32	164	50594	18.471	ug/l	92
62) Toluene	8.76	91	234268	19.305	ug/l	98
64) Chlorobenzene	10.12	112	142983	18.955	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	51988	18.950	ug/l	99
66) Ethyl Benzene	10.23	91	252343	18.967	ug/l	99
67) m/p-Xylenes	10.34	106	191853	37.813	ug/l	99
68) o-Xylene	10.68	106	90919	18.789	ug/l	99
69) Styrene	10.70	104	150005	18.399	ug/l	99
70) Isopropylbenzene	11.00	105	244417	18.785	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	70960	18.891	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	84953	25.149	ug/l	86
73) Bromobenzene	11.24	156	59490	18.708	ug/l	98
74) n-propylbenzene	11.34	91	278379	18.896	ug/l	100
75) 2-Chlorotoluene	11.40	91	159053	19.086	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	198505	18.801	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	23991	17.884	ug/l	96
78) 4-Chlorotoluene	11.49	91	184630	18.854	ug/l	100
79) tert-butylbenzene	11.76	119	193898	18.650	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	195459	18.624	ug/l	100
81) sec-Butylbenzene	11.93	105	233121	18.950	ug/l	99
82) p-Isopropyltoluene	12.05	119	212014	18.700	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	102412	18.020	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	103774	17.984	ug/l	98
85) n-Butylbenzene	12.37	91	188759	18.594	ug/l	99
86) Hexachloroethane	12.58	117	31304	17.976	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	99361	18.262	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15647	18.405	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	69307	17.701	ug/l	98
90) Hexachlorobutadiene	13.76	225	31151	18.764	ug/l	96
91) Naphthalene	13.82	128	231905	18.092	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	67216	17.846	ug/l	98

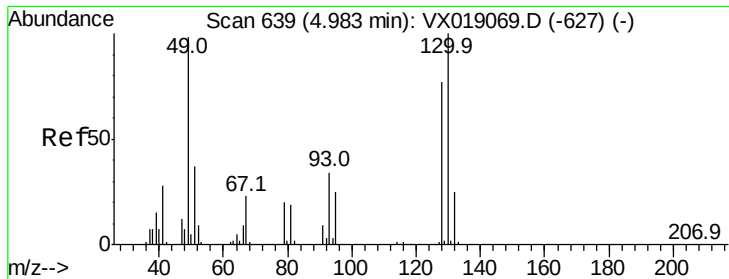
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019077.D
Acq On : 23 Oct 2020 14:03
Operator : JC/SP
Sample : VX1023WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Quant Time: Oct 26 04:15:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 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# 639

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

VX1023WBS01

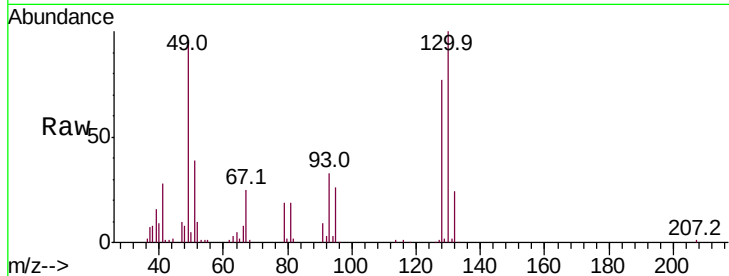
Tot Ion:128 Resp: 47092

Ion Ratio Lower Upper

128 100

49 126.9 0.0 318.8

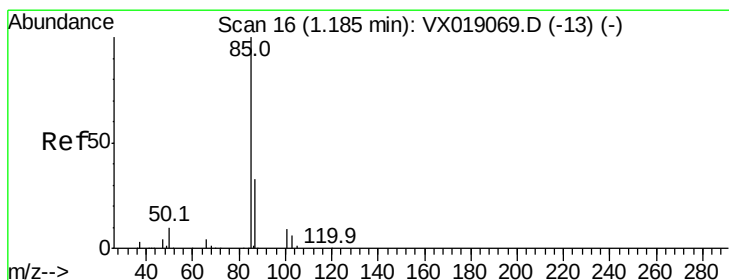
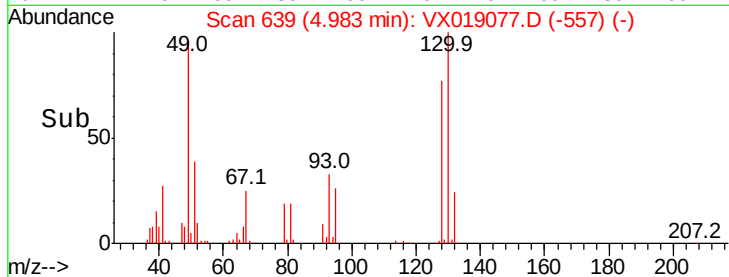
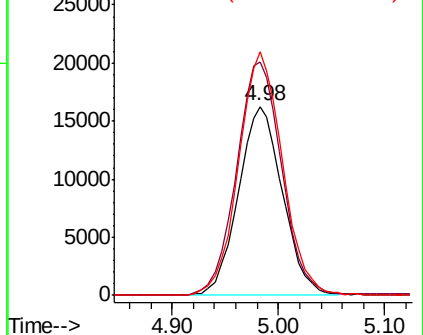
130 128.1 0.0 321.8



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: 18.289 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019077.D

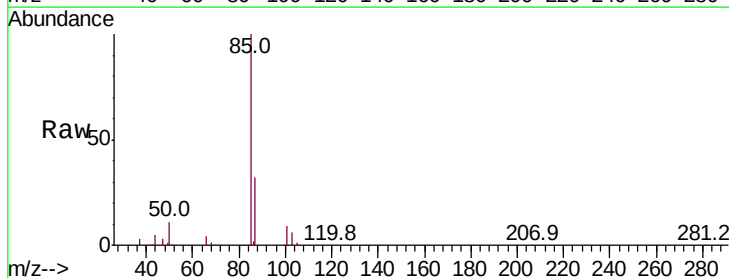
Acq: 23 Oct 2020 14:03

Tgt Ion: 85 Resp: 43283

Ion Ratio Lower Upper

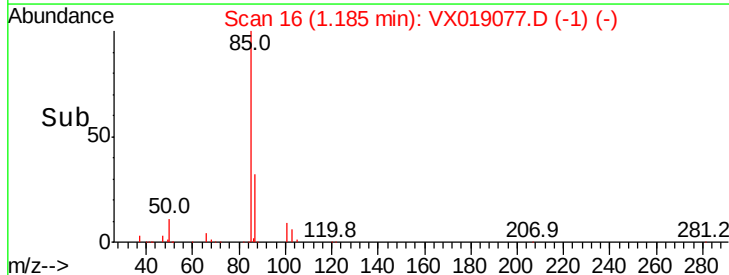
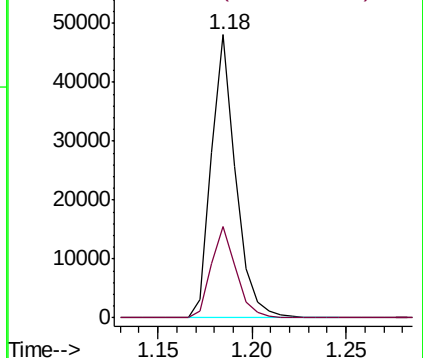
85 100

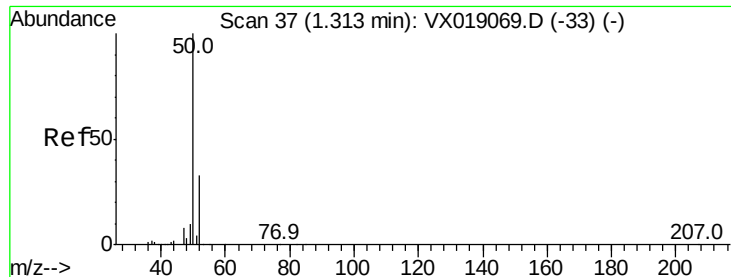
87 32.3 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.770 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

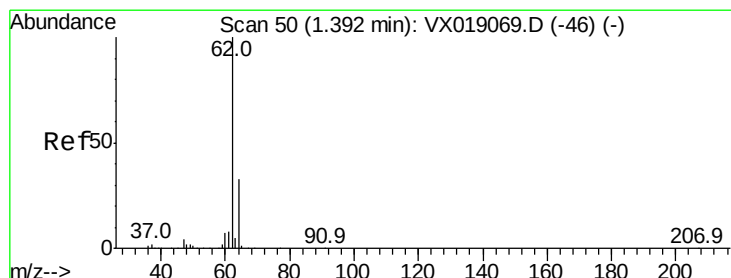
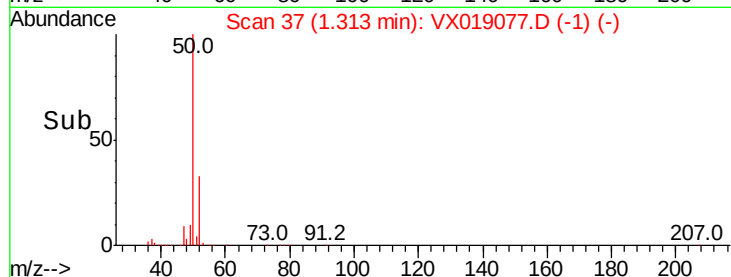
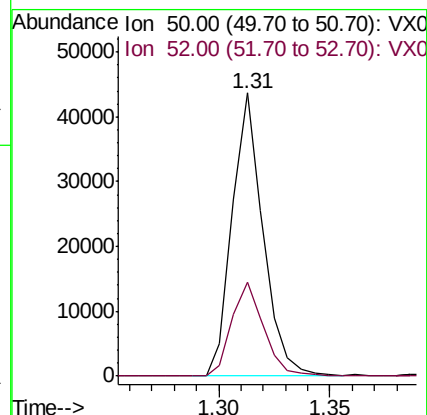
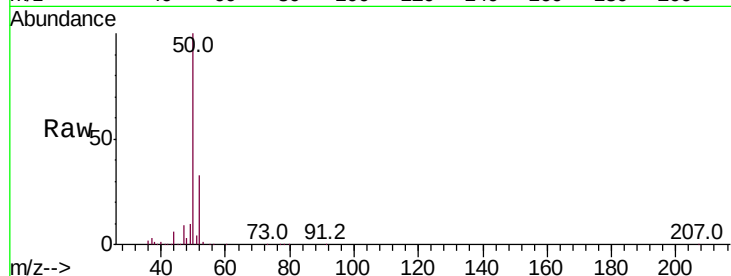
VX1023WBS01

Tot Ion: 50 Resp: 42275

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 18.913 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019077.D

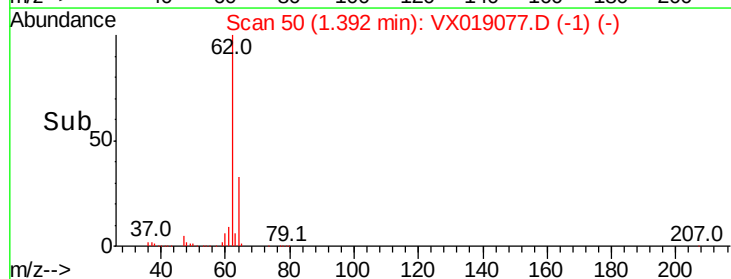
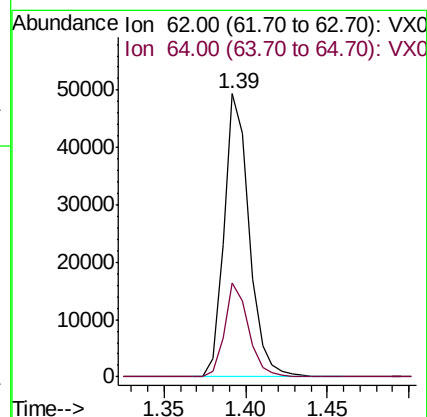
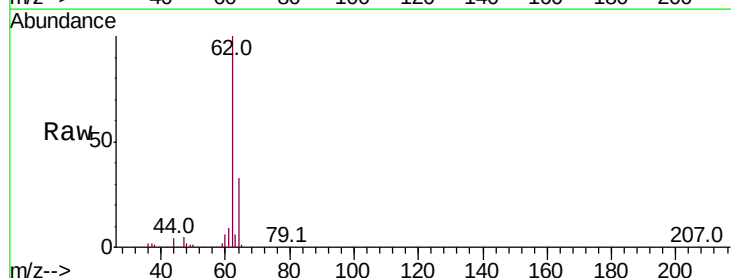
Acq: 23 Oct 2020 14:03

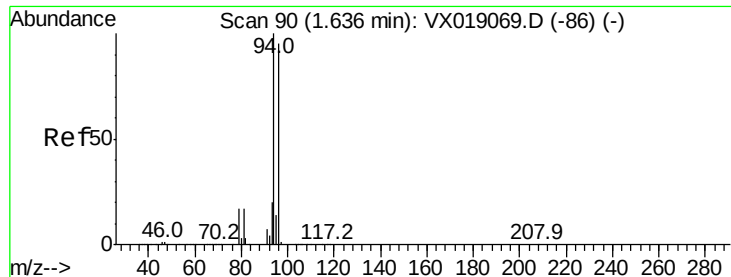
Tgt Ion: 62 Resp: 53006

Ion Ratio Lower Upper

62 100

64 33.4 26.7 40.1





#5

Bromomethane

Concen: 26.987 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

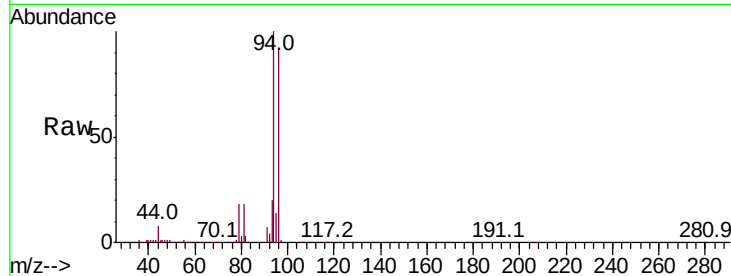
VX1023WBS01

Tot Ion: 94 Resp: 52386

Ion Ratio Lower Upper

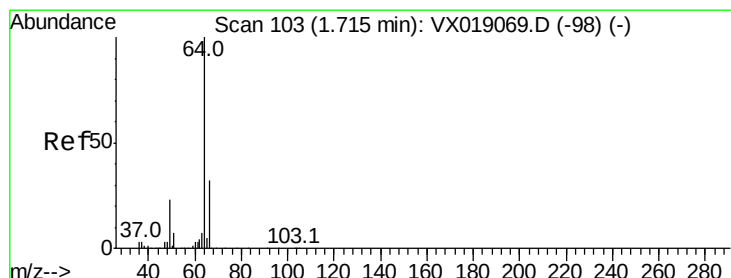
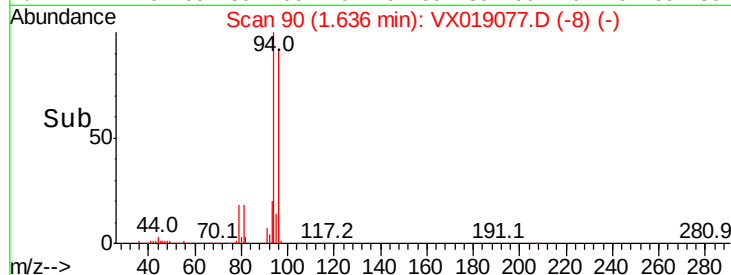
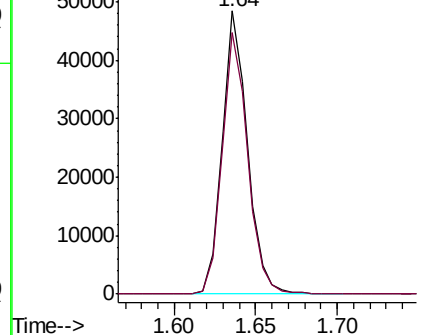
94 100

96 92.2 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: 18.734 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019077.D

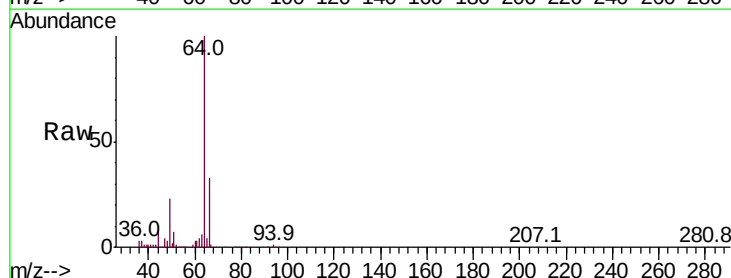
Acq: 23 Oct 2020 14:03

Tgt Ion: 64 Resp: 35579

Ion Ratio Lower Upper

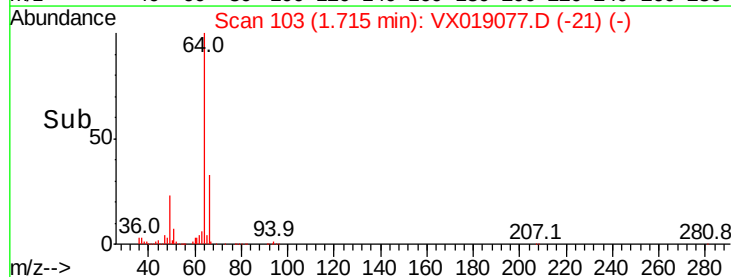
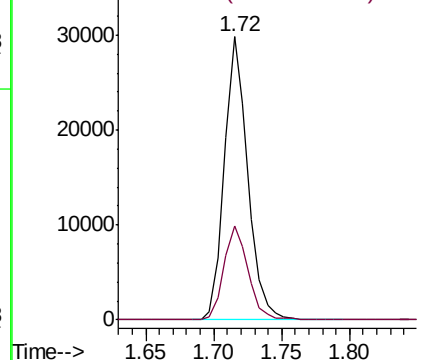
64 100

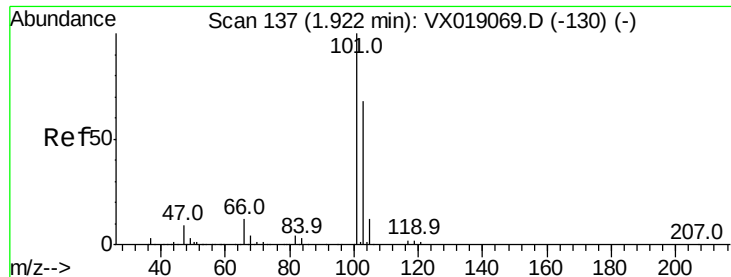
66 33.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



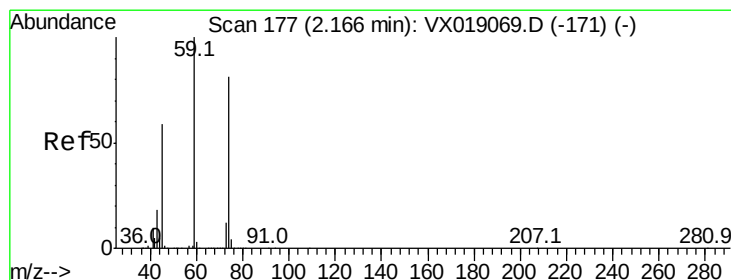
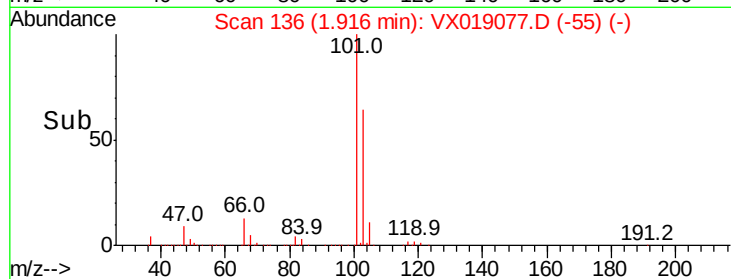
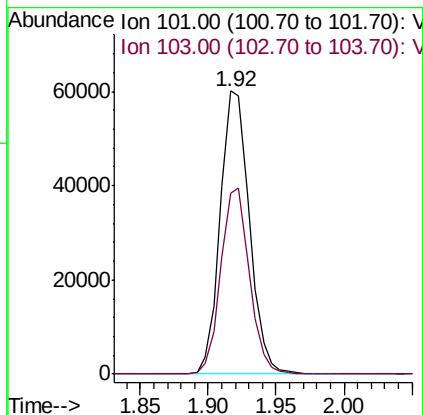
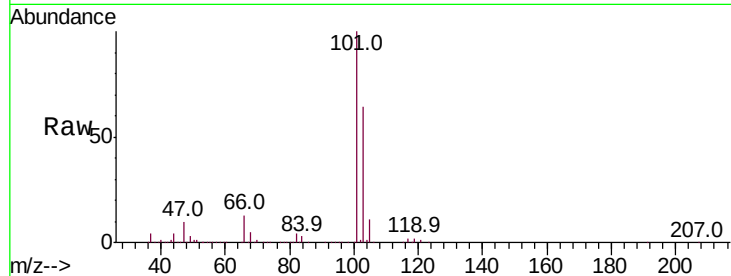


#7

Trichlorofluoromethane
 Concen: 18.440 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

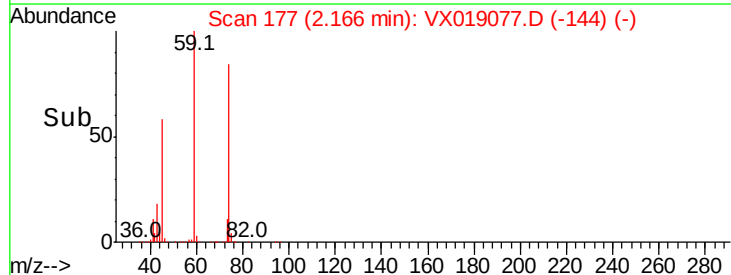
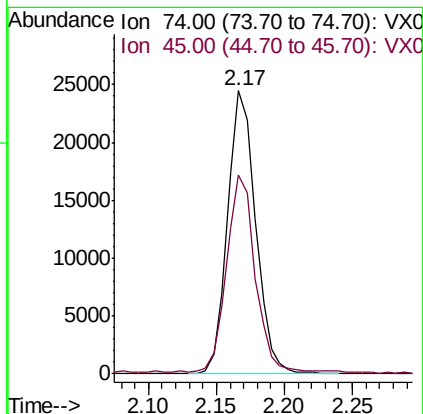
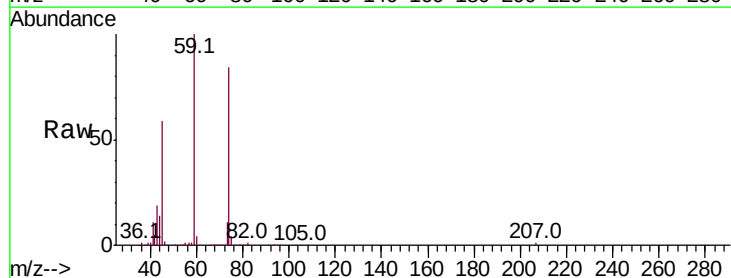
Tot Ion:101 Resp: 89988
 Ion Ratio Lower Upper
 101 100
 103 64.1 54.2 81.4

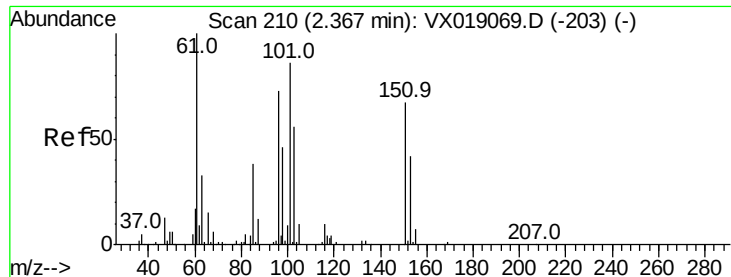


#8

Diethyl Ether
 Concen: 19.305 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion: 74 Resp: 35314
 Ion Ratio Lower Upper
 74 100
 45 69.5 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.747 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

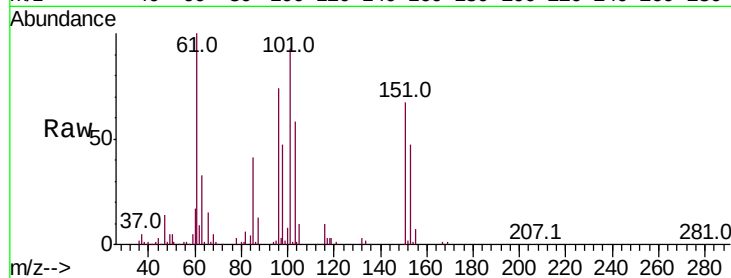
Tot Ion:101 Resp: 43714

Ion Ratio Lower Upper

101 100

85 43.3 0.0 87.0

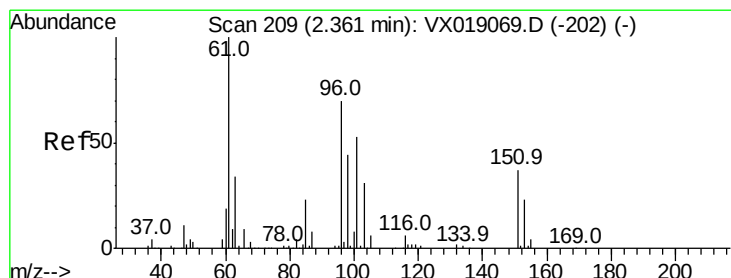
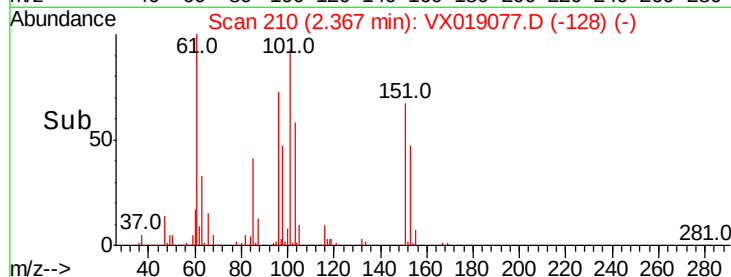
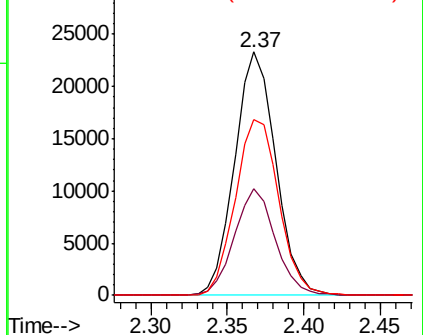
151 76.2 0.0 151.8



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: 18.683 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

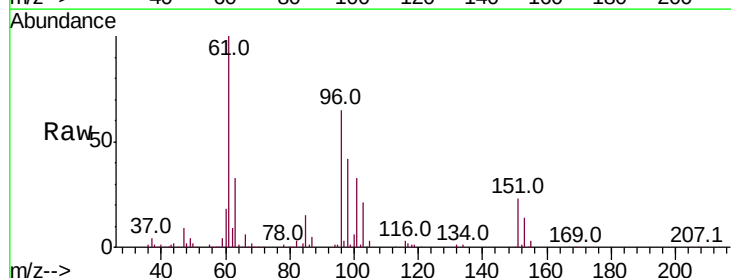
Tgt Ion: 96 Resp: 44289

Ion Ratio Lower Upper

96 100

61 154.4 113.8 170.8

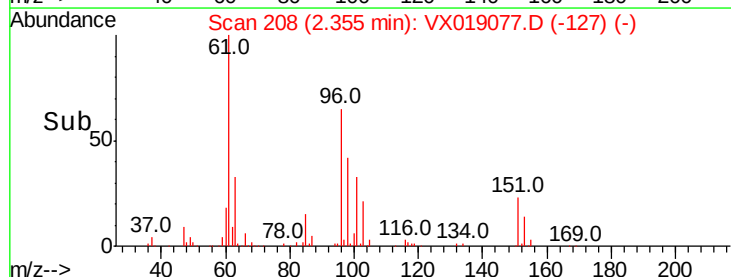
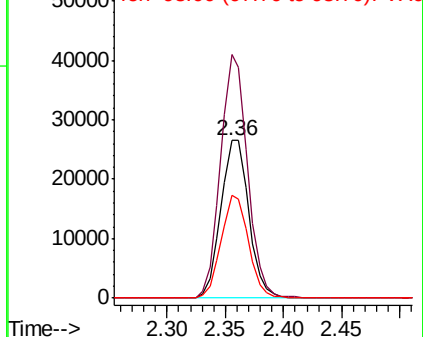
98 64.9 50.4 75.6

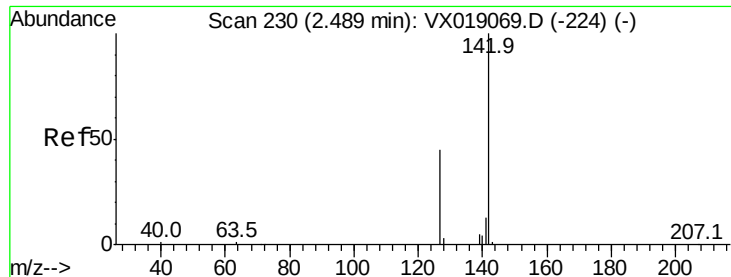


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

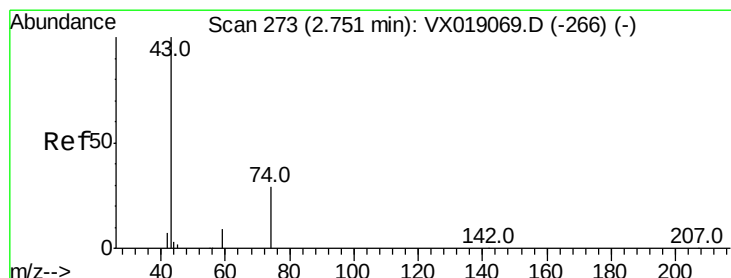
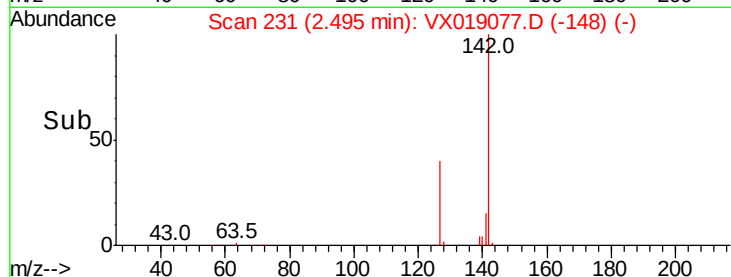
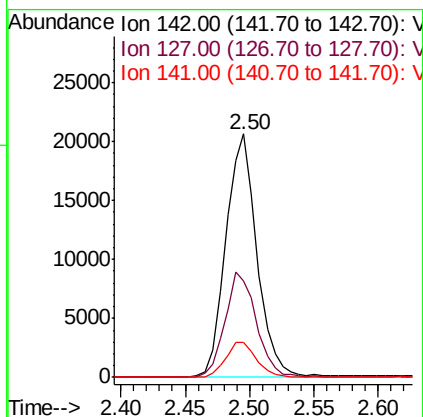
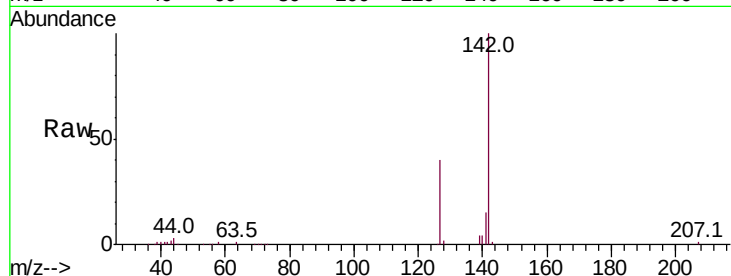




#11
Methvl Iodide
Concen: 18.581 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

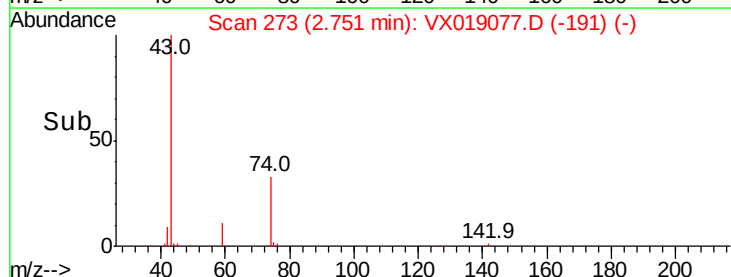
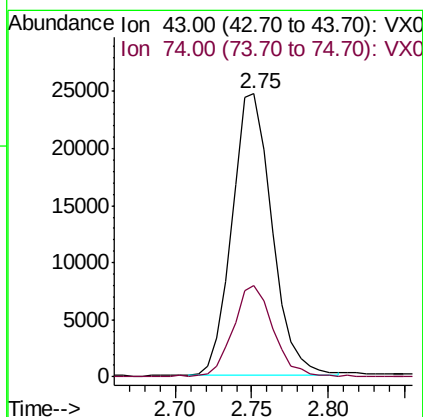
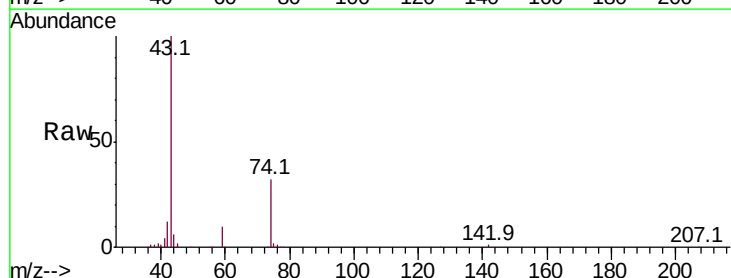
Instrument :
MSVOA_X
ClientSampled :
VX1023WBS01

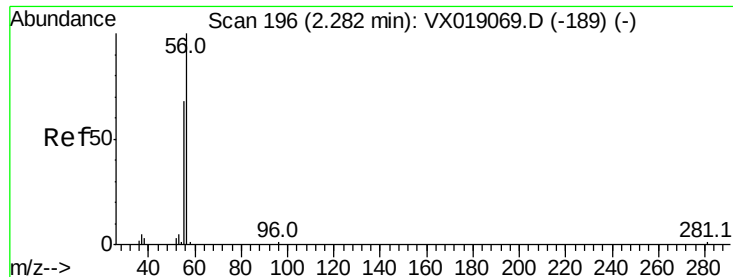
Tot Ion:142 Resp: 35016
Ion Ratio Lower Upper
142 100
127 39.7 22.6 67.7
141 14.6 6.3 19.1



#12
Methyl Acetate
Concen: 19.135 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 43 Resp: 44905
Ion Ratio Lower Upper
43 100
74 32.4 23.9 35.9





#13

Acrolein

Concen: 100.508 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

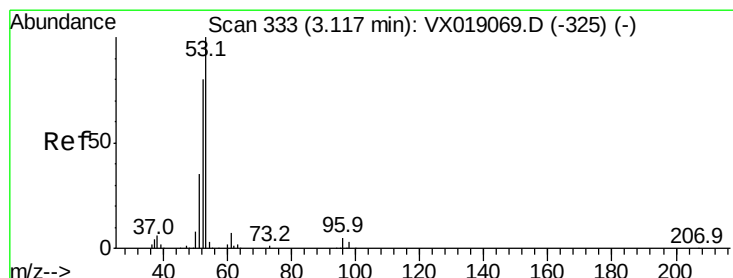
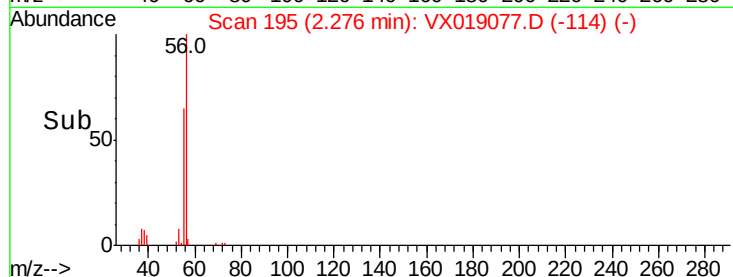
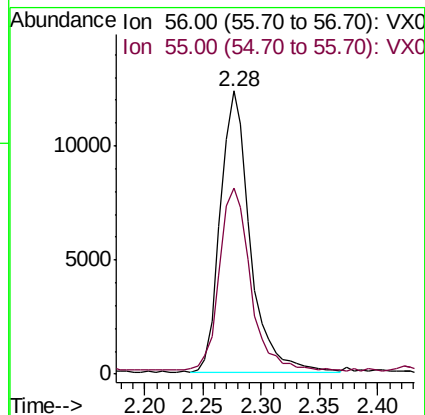
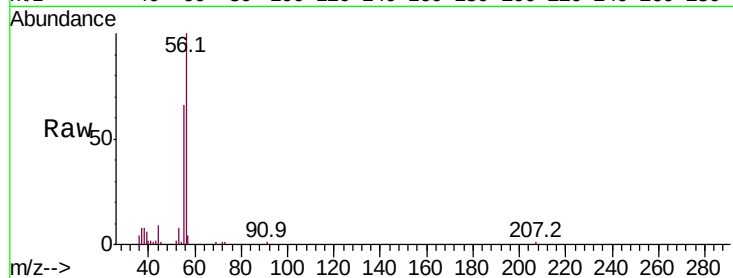
VX1023WBS01

Tot Ion: 56 Resp: 21718

Ion Ratio Lower Upper

56 100

55 71.1 58.2 87.2



#14

Acrylonitrile

Concen: 98.157 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

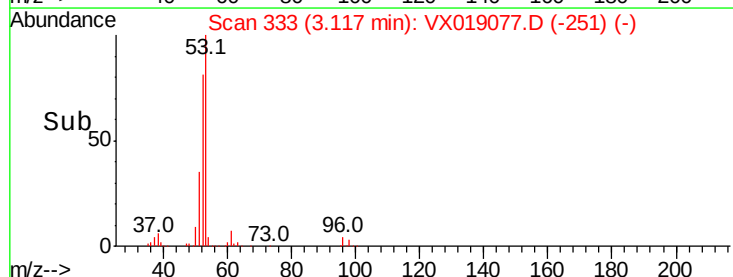
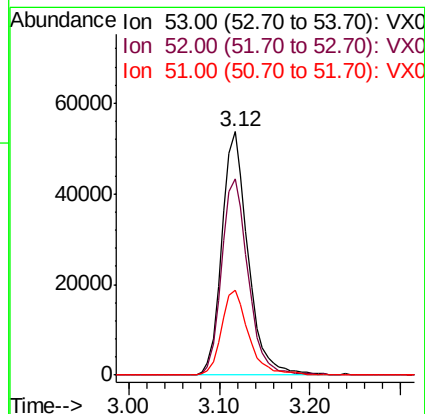
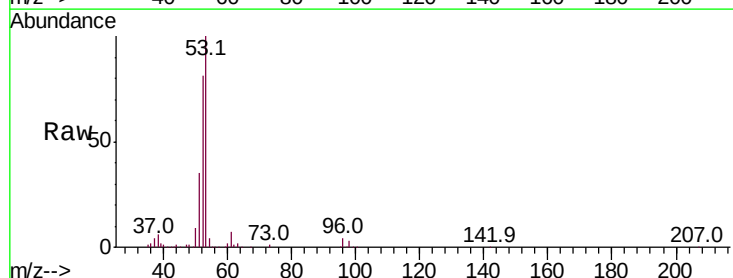
Tgt Ion: 53 Resp: 108219

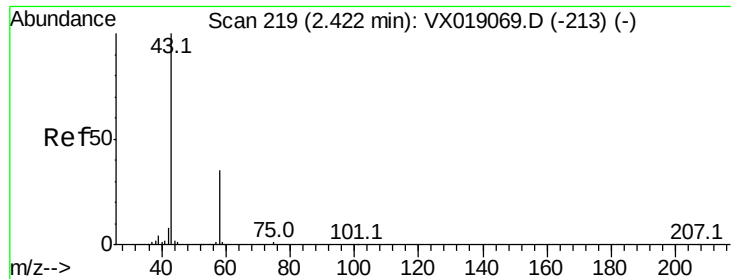
Ion Ratio Lower Upper

53 100

52 81.8 41.0 123.0

51 36.0 18.2 54.6





#15

Acetone

Concen: 100.311 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

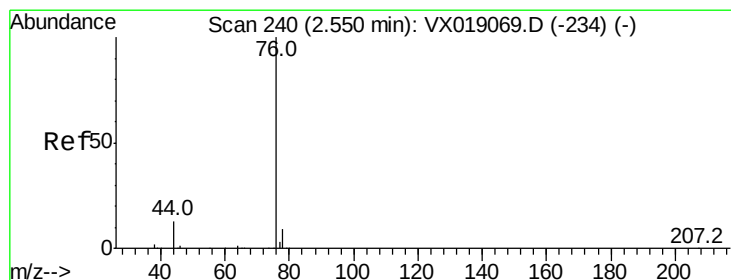
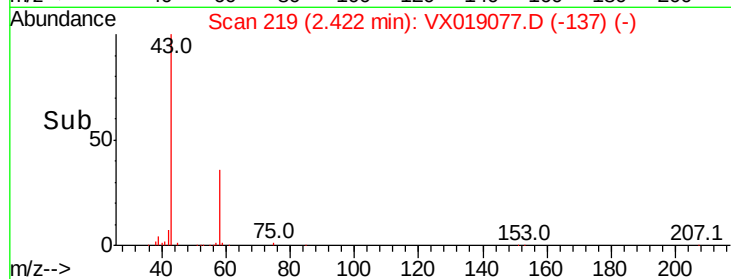
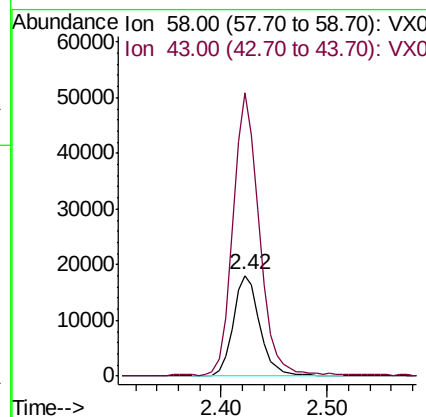
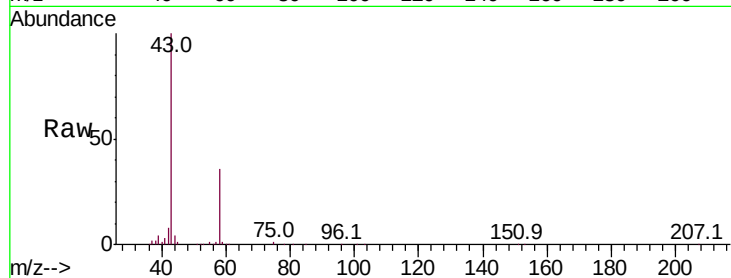
VX1023WBS01

Tot Ion: 58 Resp: 31681

Ion Ratio Lower Upper

58 100

43 279.9 226.7 340.1



#16

Carbon Disulfide

Concen: 18.175 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019077.D

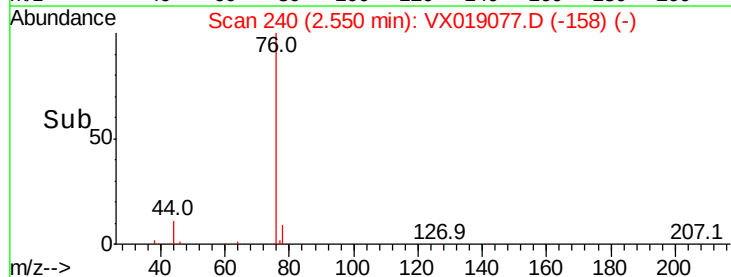
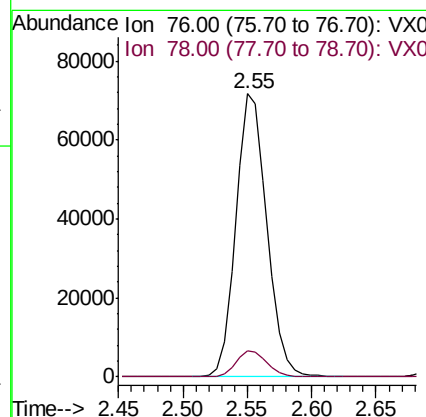
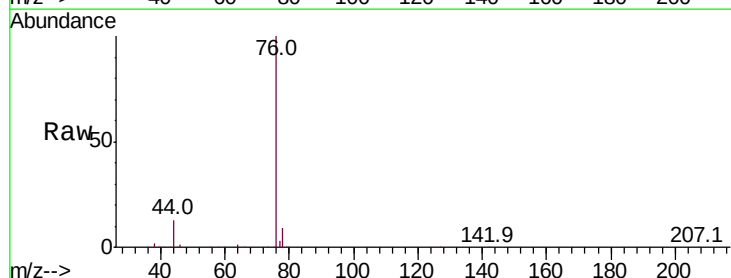
Acq: 23 Oct 2020 14:03

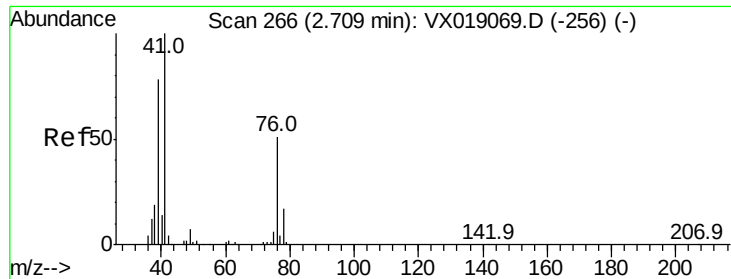
Tgt Ion: 76 Resp: 119755

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

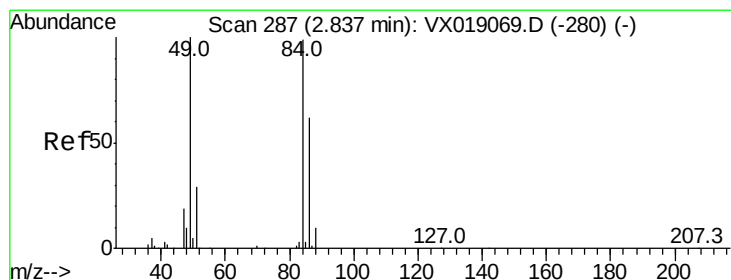
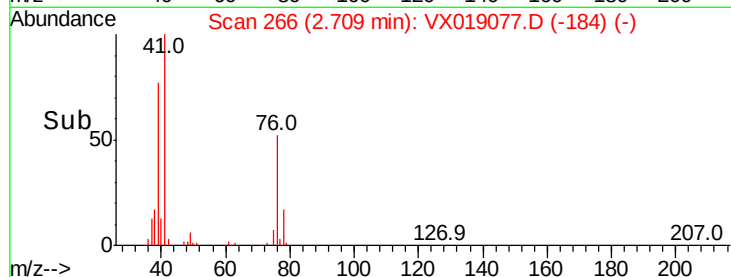
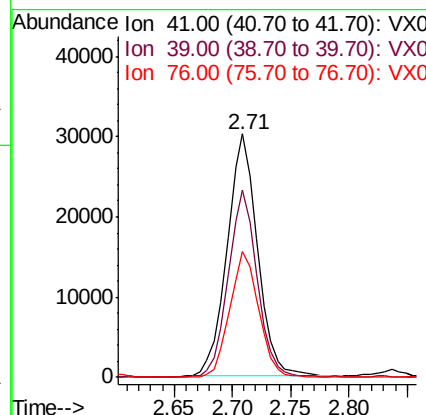
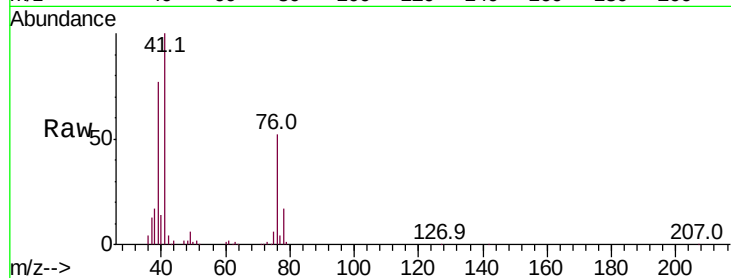




#17
Allvl chloride
Concen: 18.445 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

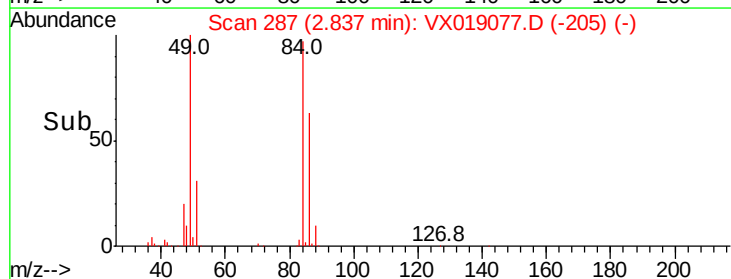
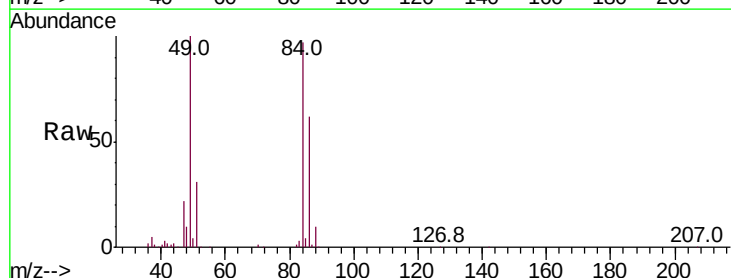
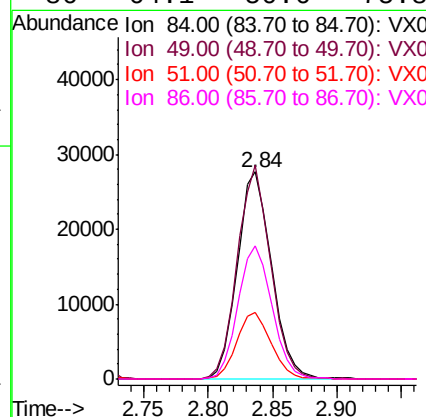
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

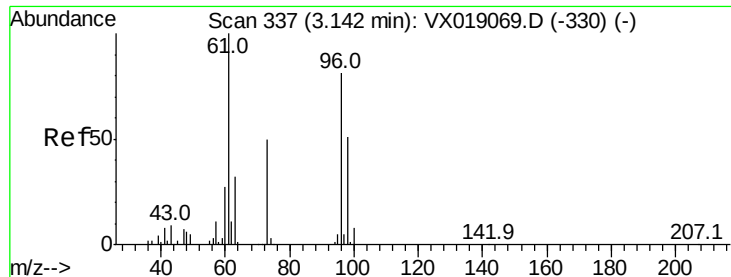
Tot Ion: 41 Resp: 54620
Ion Ratio Lower Upper
41 100
39 77.1 38.8 116.3
76 51.9 25.8 77.4



#18
Methylene Chloride
Concen: 18.974 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 84 Resp: 51296
Ion Ratio Lower Upper
84 100
49 103.1 80.9 121.3
51 32.4 23.8 35.6
86 64.1 50.6 75.8

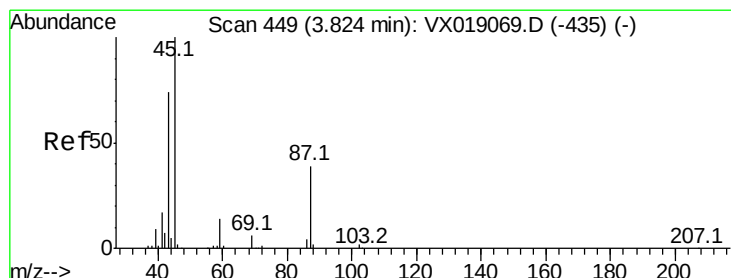
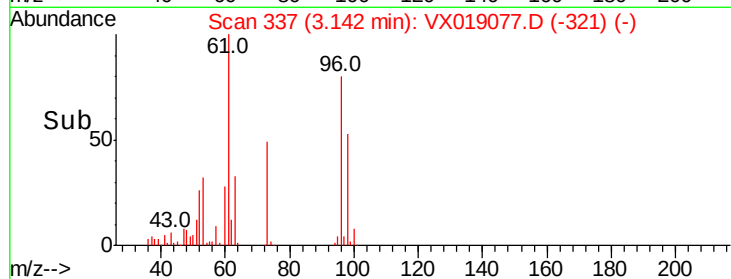
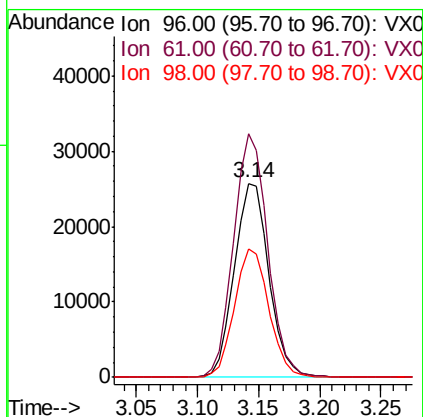
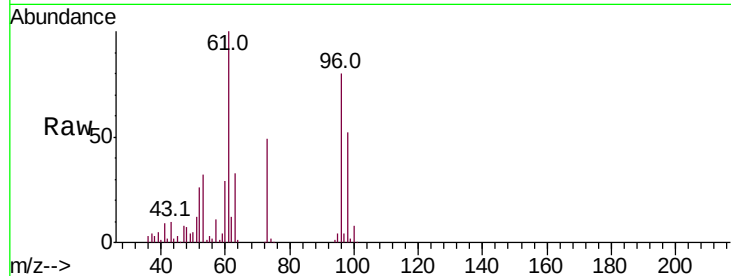




#19
trans-1,2-Dichloroethene
Concen: 18.241 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

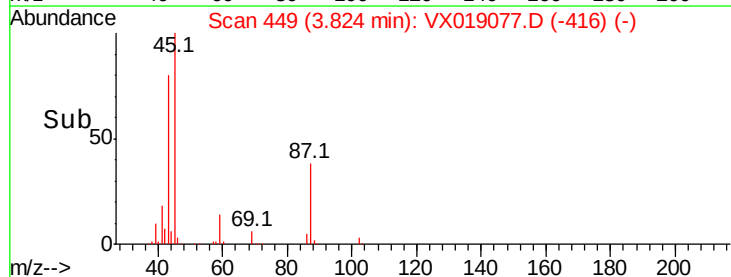
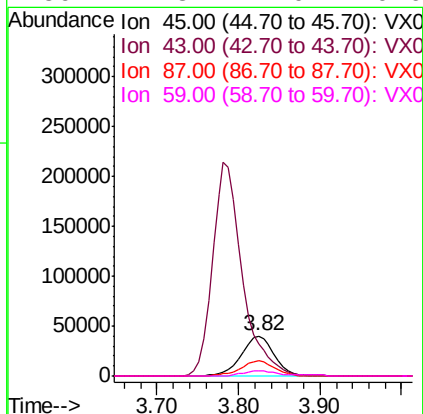
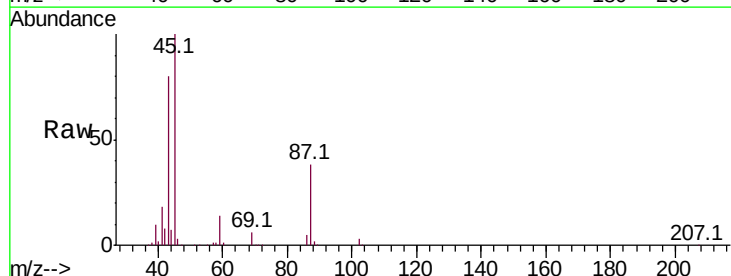
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

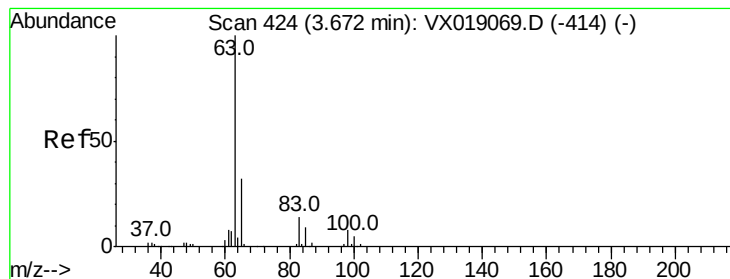
Tot Ion: 96 Resp: 50504
Ion Ratio Lower Upper
96 100
61 125.3 98.4 147.6
98 65.8 49.9 74.9



#20
Diisopropyl ether
Concen: 18.799 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 45 Resp: 112771
Ion Ratio Lower Upper
45 100
43 78.6 60.6 91.0
87 37.5 30.9 46.3
59 14.3 11.0 16.6





#21

1,1-Dichloroethane

Concen: 18.663 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

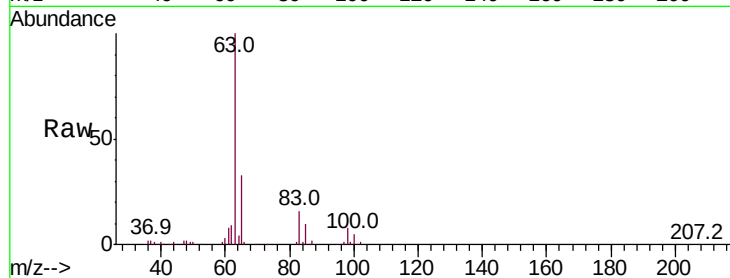
Tot Ion: 63 Resp: 82196

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

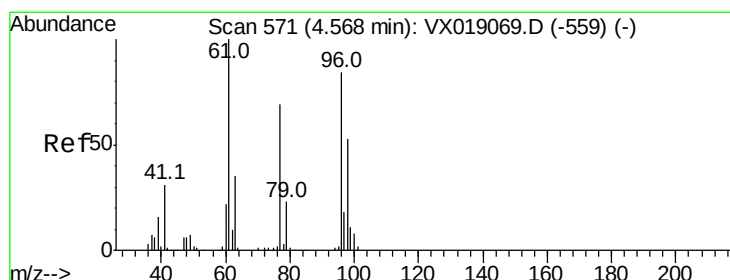
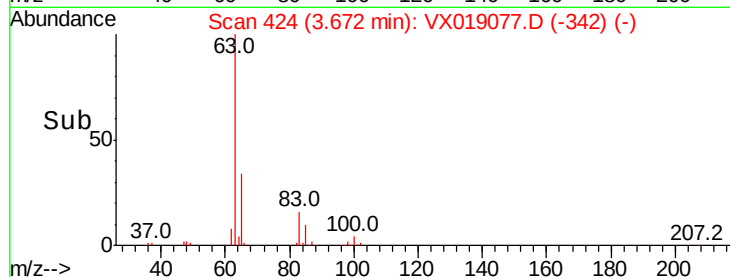
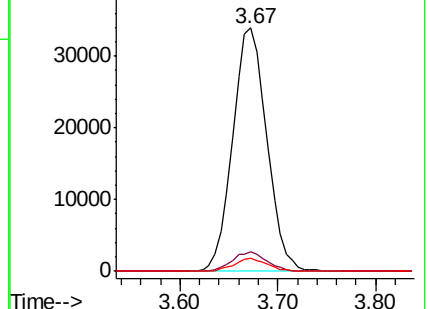
100 5.4 2.4 7.2



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: 18.384 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

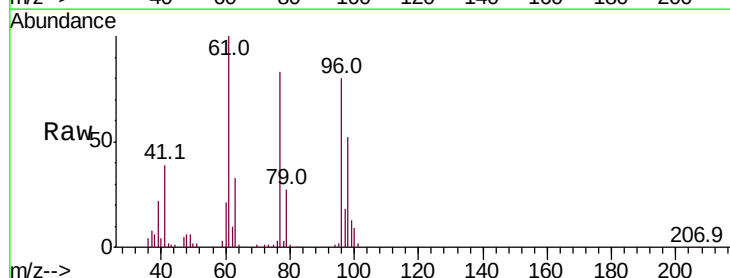
Tgt Ion: 96 Resp: 58961

Ion Ratio Lower Upper

96 100

61 130.2 101.9 152.9

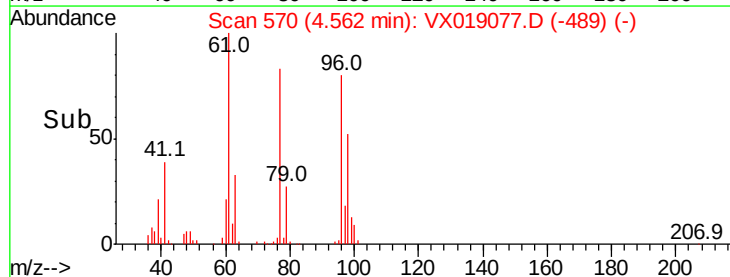
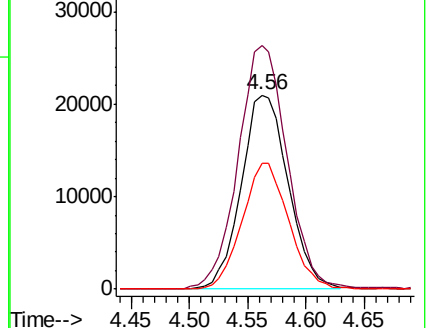
98 64.3 51.3 76.9

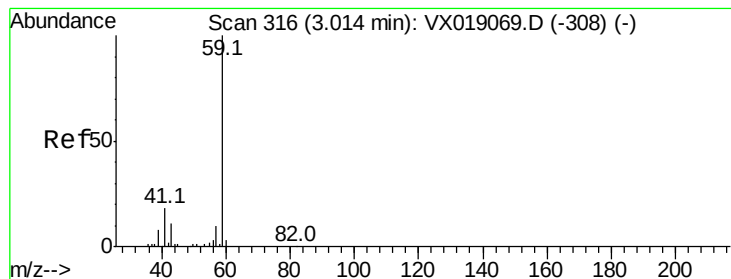


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



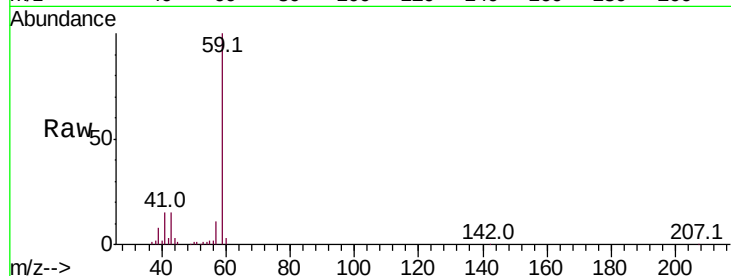


#23

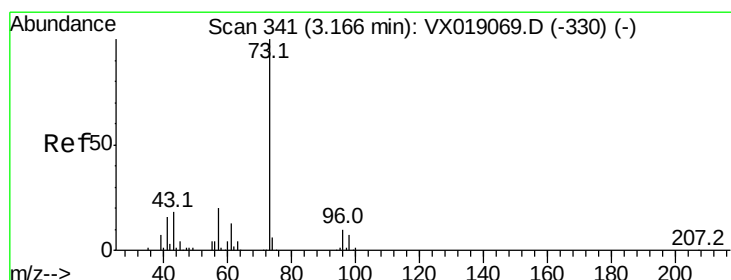
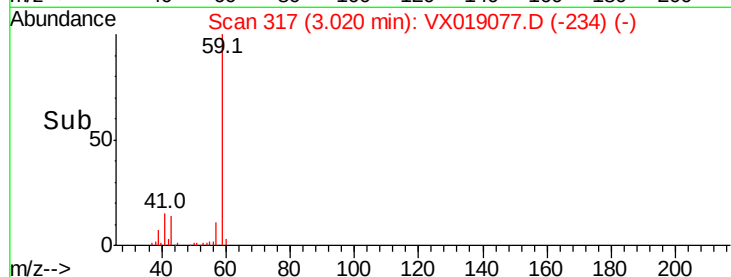
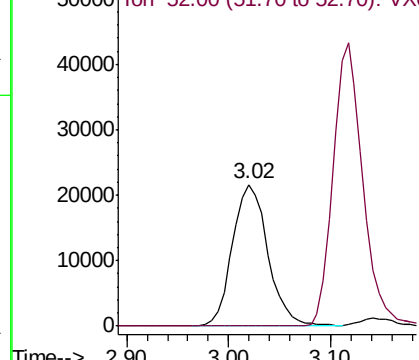
tert-Butyl Alcohol
 Concen: 97.693 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion: 59 Resp: 52217
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#



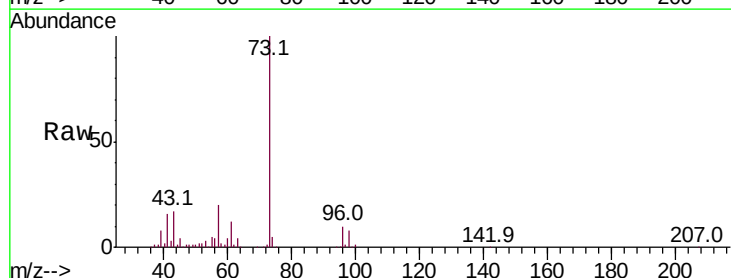
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



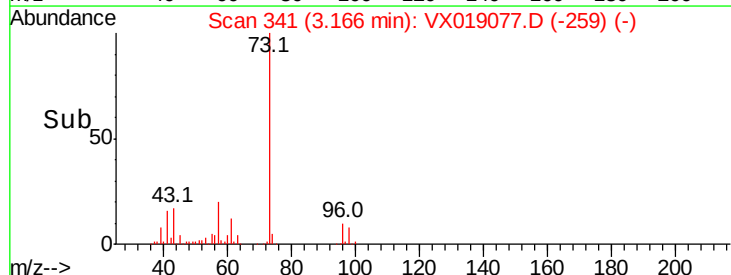
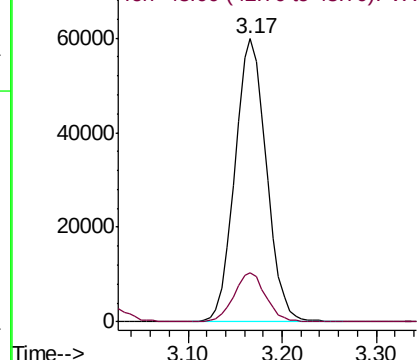
#24

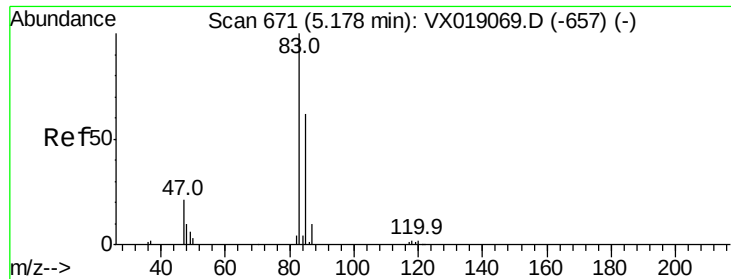
Methyl tert-Butyl Ether
 Concen: 18.611 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion: 73 Resp: 139507
 Ion Ratio Lower Upper
 73 100
 43 17.2 13.9 20.9



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0

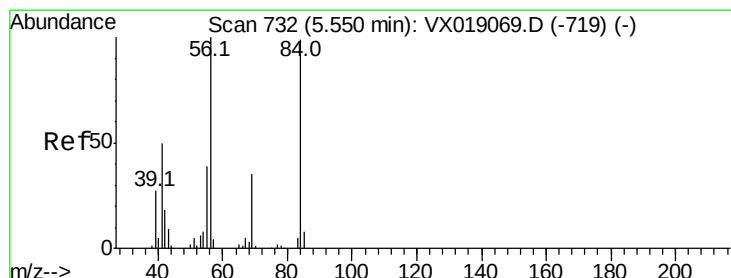
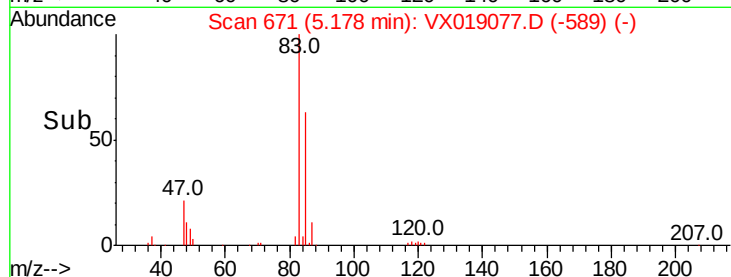
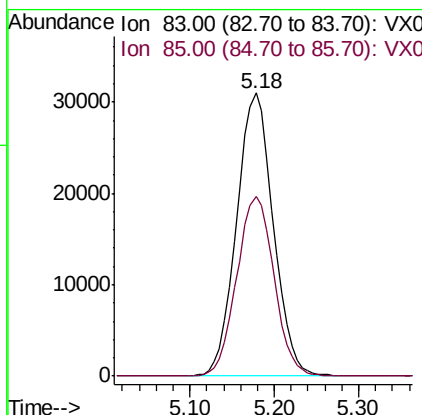
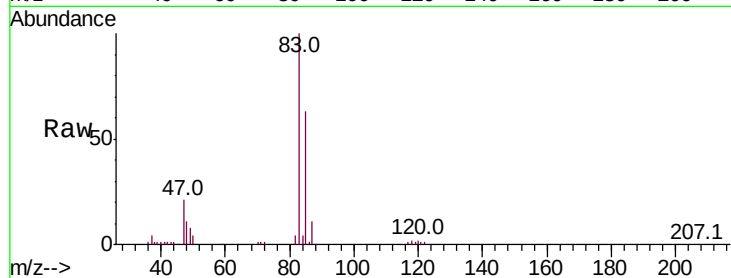




#25
Chloroform
Concen: 18.731 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

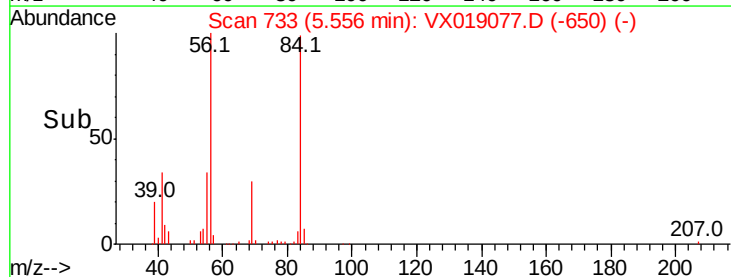
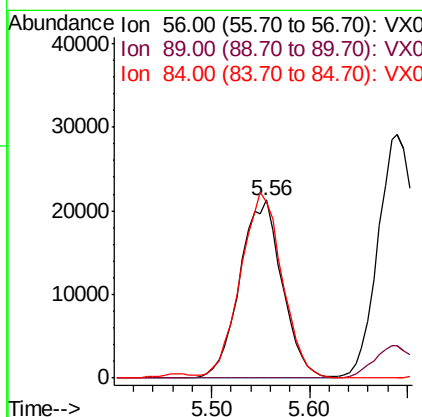
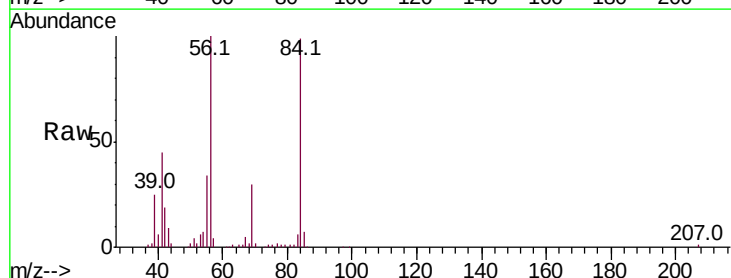
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

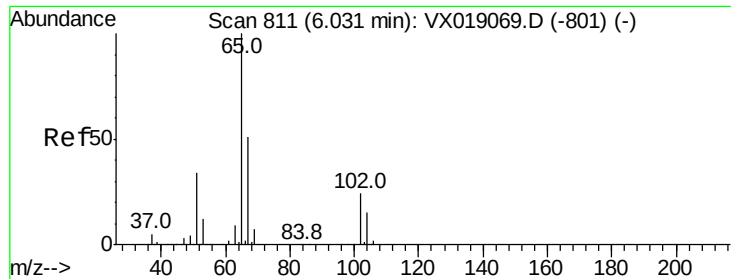
Tot Ion: 83 Resp: 91405
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.8



#26
Cyclohexane
Concen: 18.653 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 56 Resp: 63839
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.4 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 30.156 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

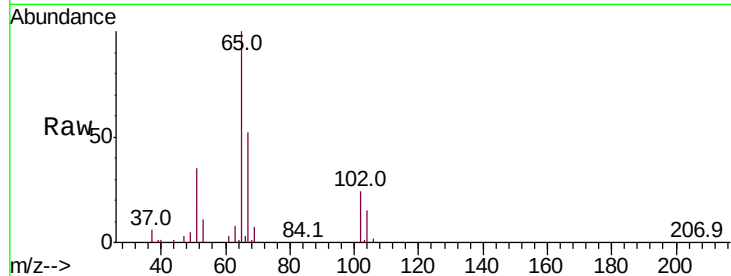
VX1023WBS01

Tot Ion: 65 Resp: 94588

Ion Ratio Lower Upper

65 100

67 52.2 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

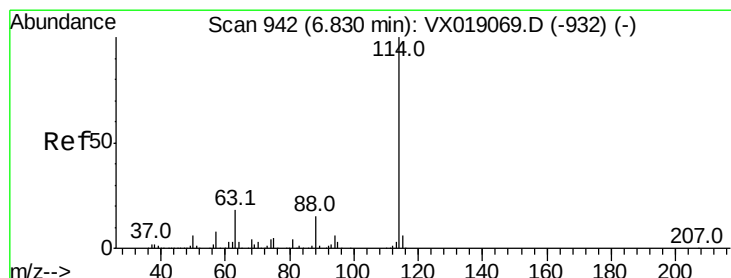
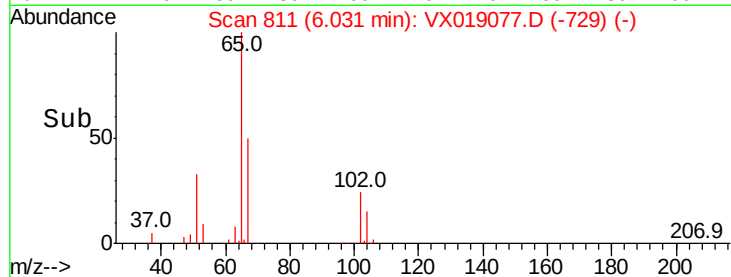
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

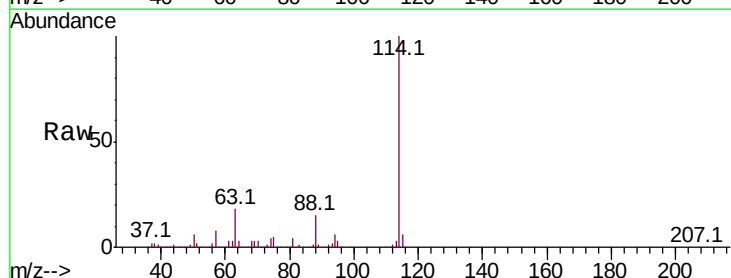
Tgt Ion:114 Resp: 261417

Ion Ratio Lower Upper

114 100

63 18.1 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

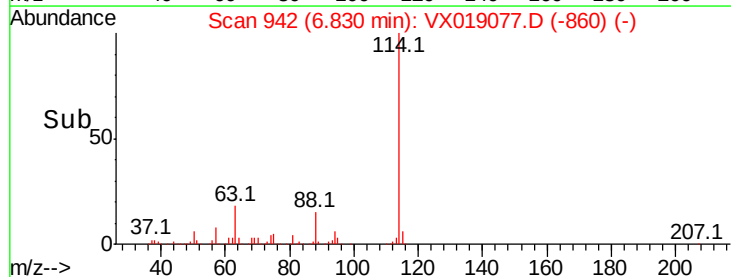
150000

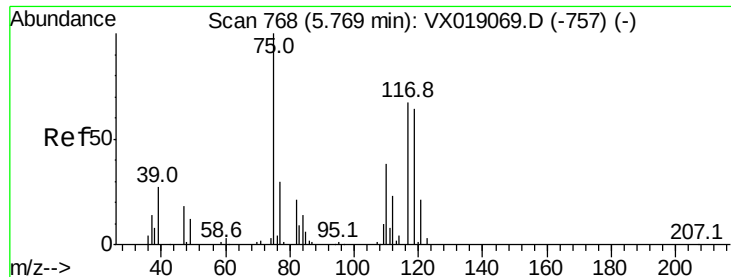
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

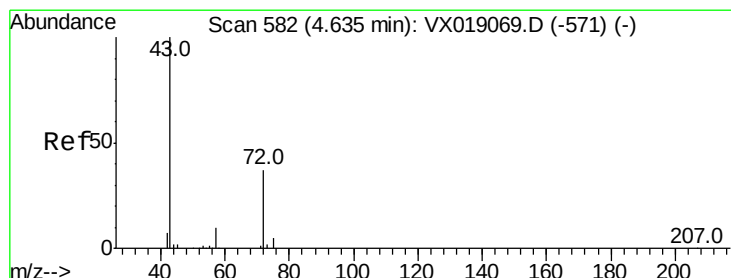
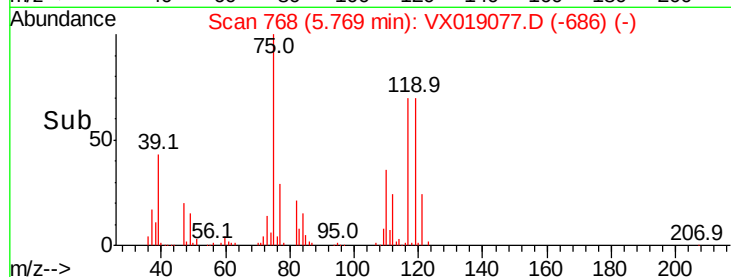
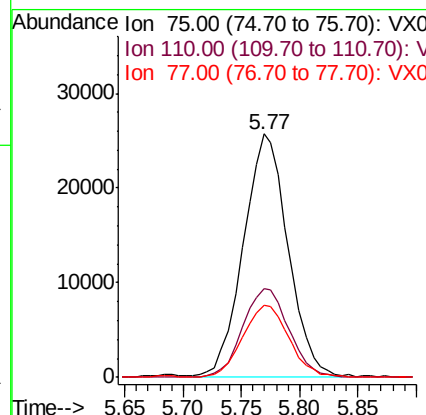
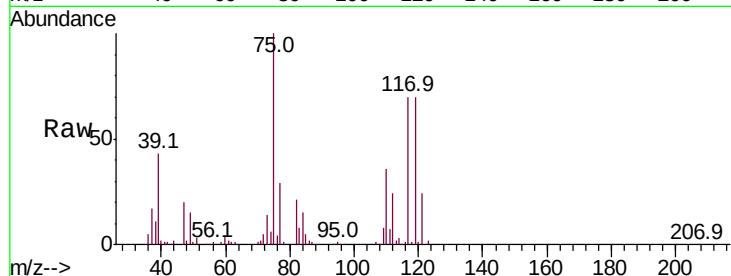




#29
 1,1-Dichloropropene
 Concen: 18.665 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

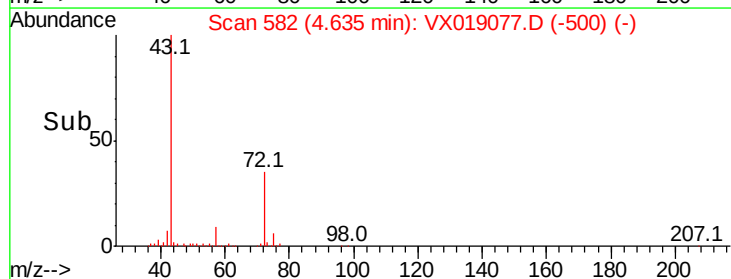
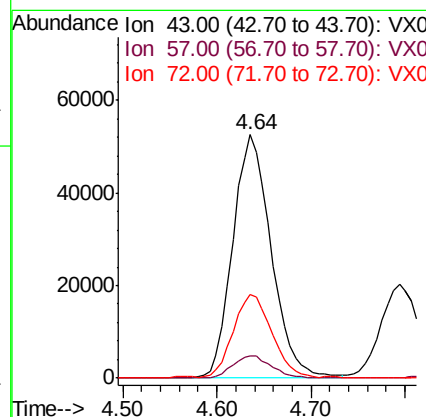
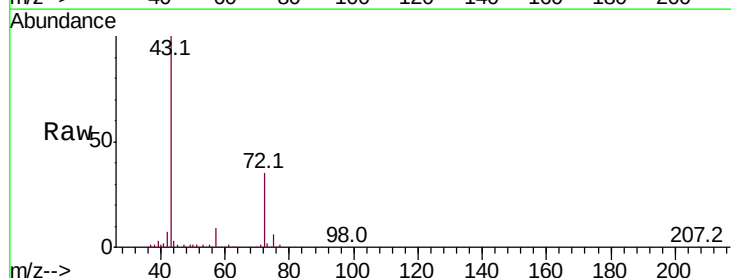
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

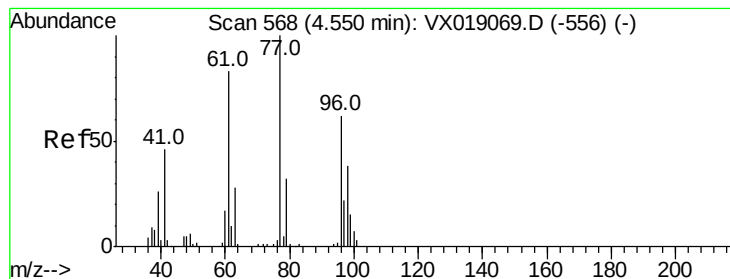
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	0.0	77.4
77	30.7	0.0	62.8



#30
 2-Butanone
 Concen: 100.626 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.4	7.8	11.6
72	34.2	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.675 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

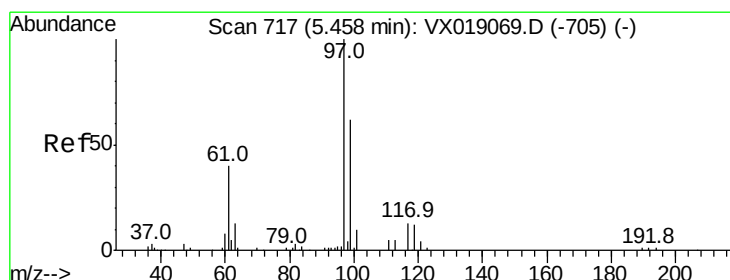
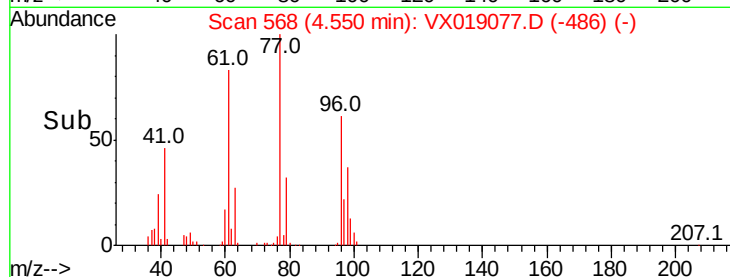
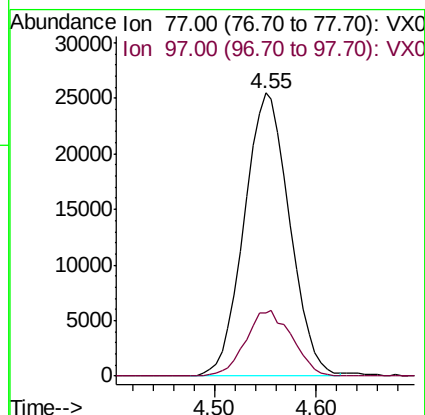
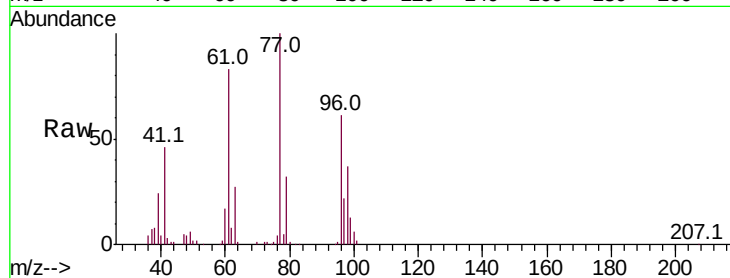
VX1023WBS01

Tot Ion: 77 Resp: 78799

Ion Ratio Lower Upper

77 100

97 23.7 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.419 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

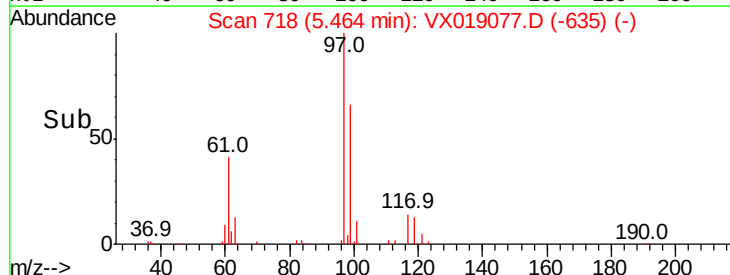
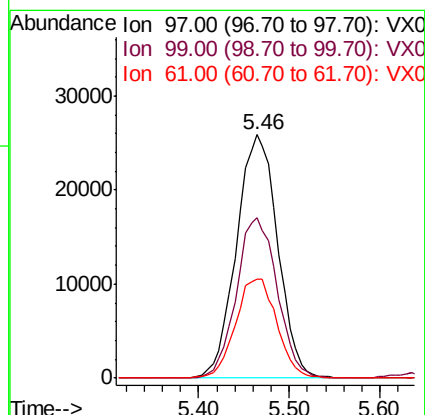
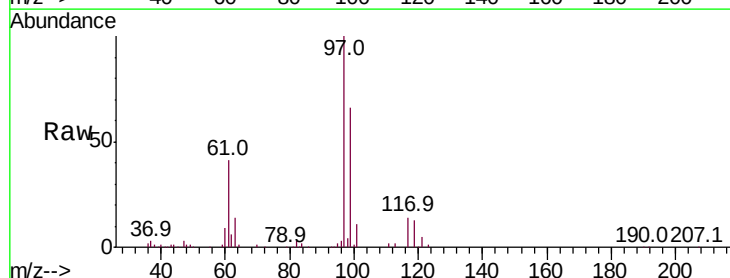
Tgt Ion: 97 Resp: 81645

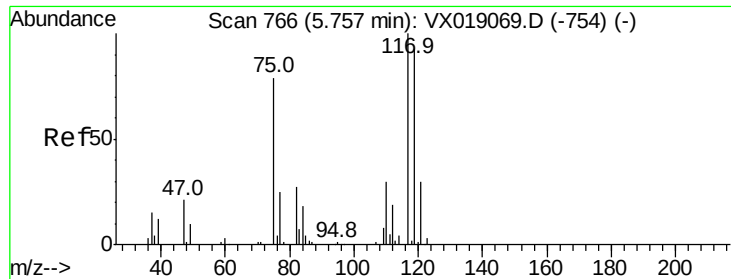
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 41.0 32.0 48.0





#33

Carbon Tetrachloride

Concen: 17.975 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

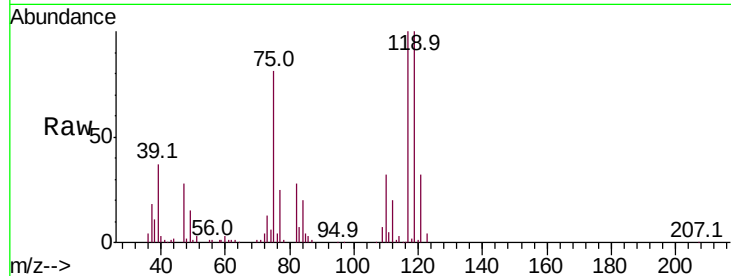
Tot Ion:117 Resp: 69142

Ion Ratio Lower Upper

117 100

119 100.1 74.5 111.7

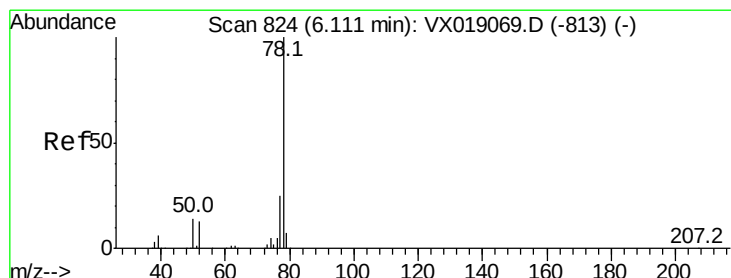
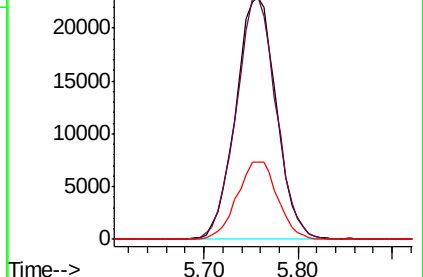
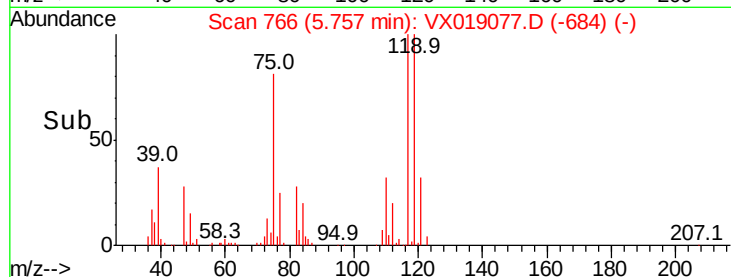
121 32.0 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.761 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

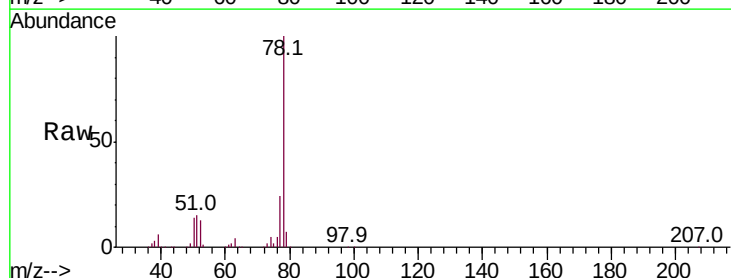
Tgt Ion: 78 Resp: 203576

Ion Ratio Lower Upper

78 100

77 24.2 20.1 30.1

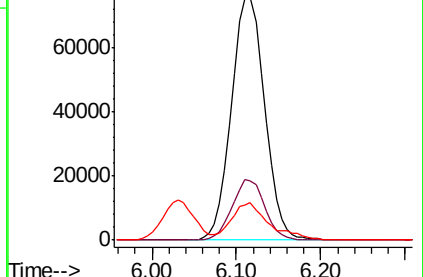
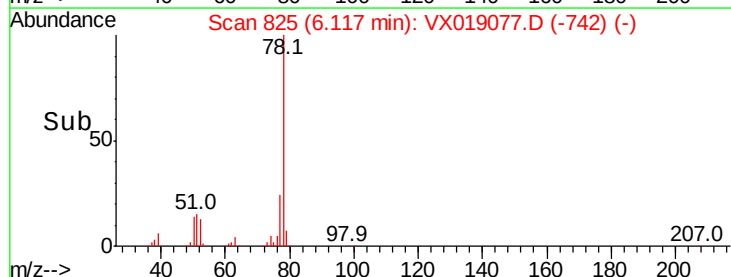
51 15.2 11.0 16.4

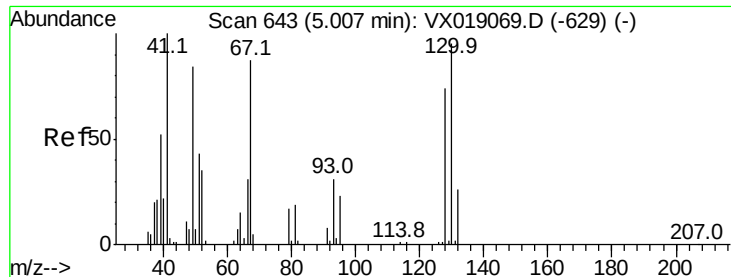


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

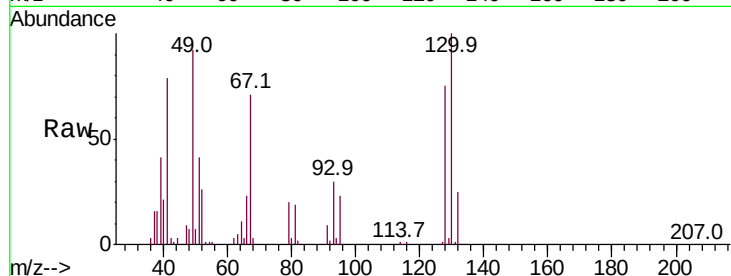




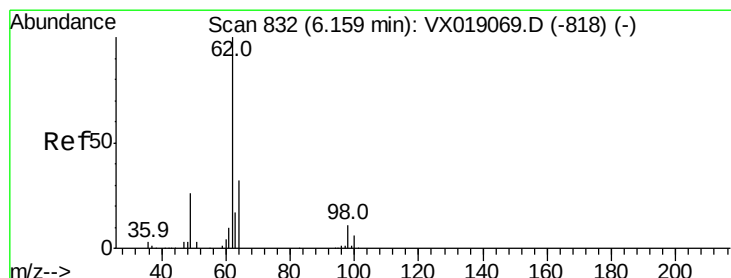
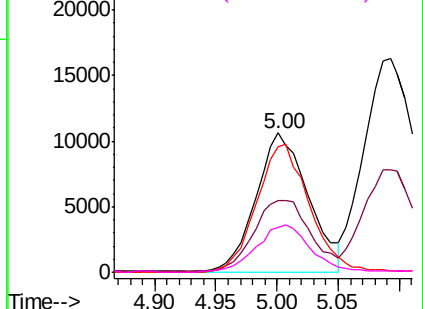
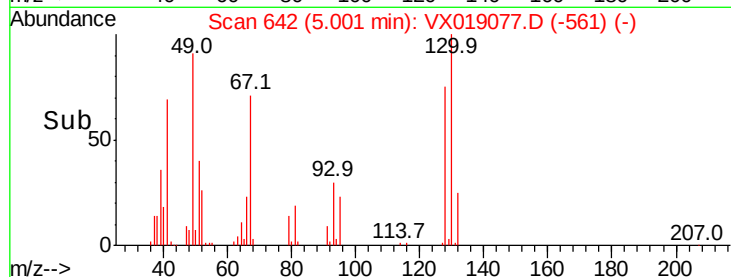
#35
Methacrylonitrile
Concen: 19.977 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion: 41 Resp: 31772
Ion Ratio Lower Upper
41 100
39 51.1 25.8 77.4
67 90.2 43.6 130.8
52 32.6 17.3 51.7

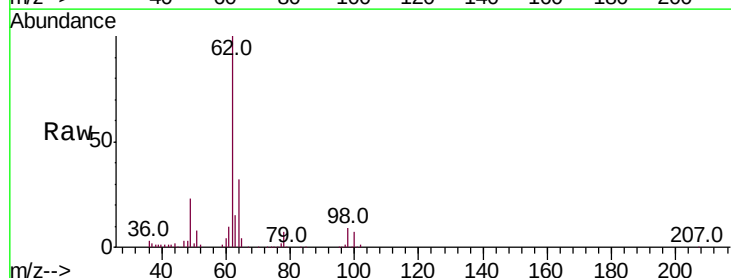


Abundance Ion 41.00 (40.70 to 41.70): VX0
25000 Ion 39.00 (38.70 to 39.70): VX0
20000 Ion 67.00 (66.70 to 67.70): VX0
15000 Ion 52.00 (51.70 to 52.70): VX0

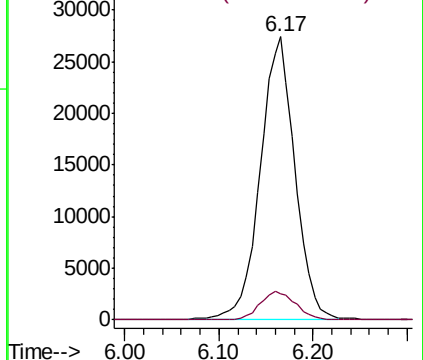
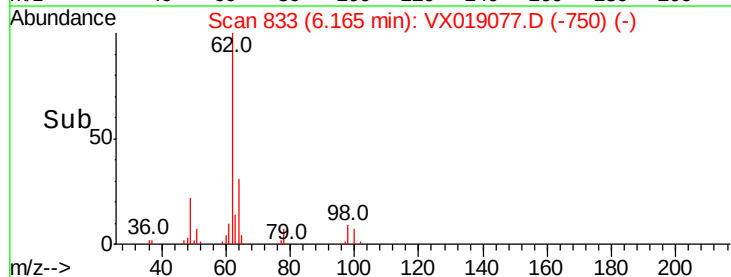


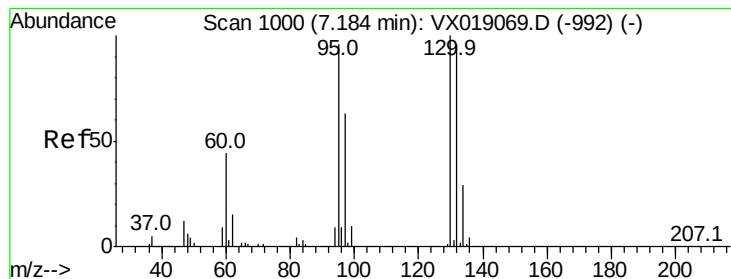
#36
1,2-Dichloroethane
Concen: 18.996 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 62 Resp: 70709
Ion Ratio Lower Upper
62 100
98 10.4 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
30000 Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.701 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

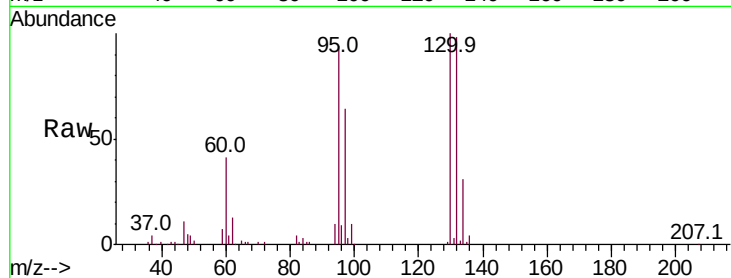
VX1023WBS01

Tot Ion:130 Resp: 58327

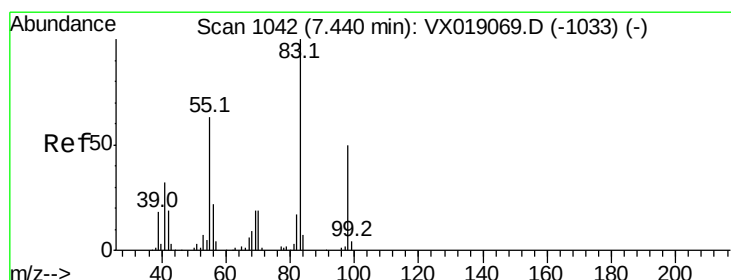
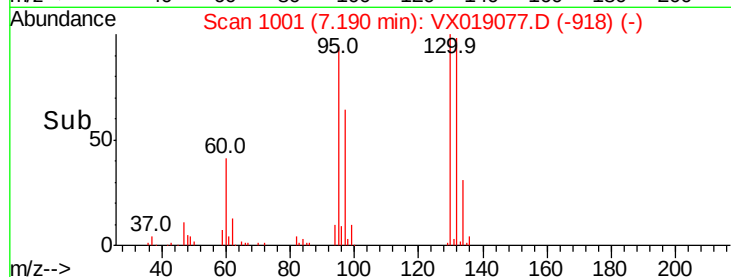
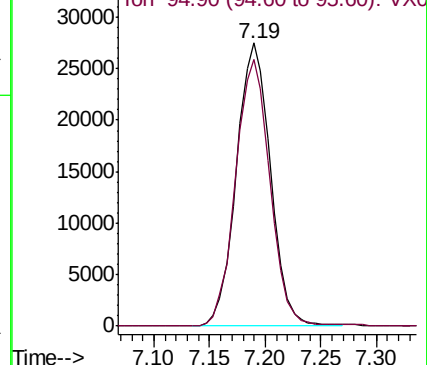
Ion Ratio Lower Upper

130 100

95 94.3 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): VX019077.D (-918) (-)



#38

Methylcyclohexane

Concen: 18.756 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

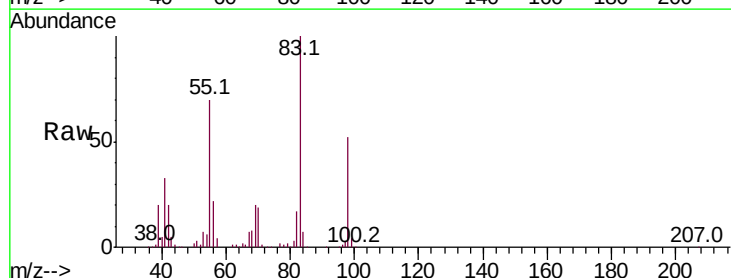
Tgt Ion: 83 Resp: 77532

Ion Ratio Lower Upper

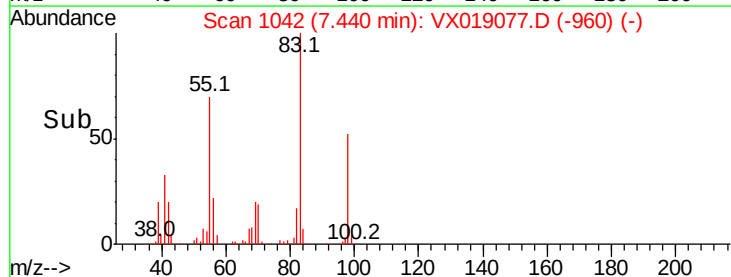
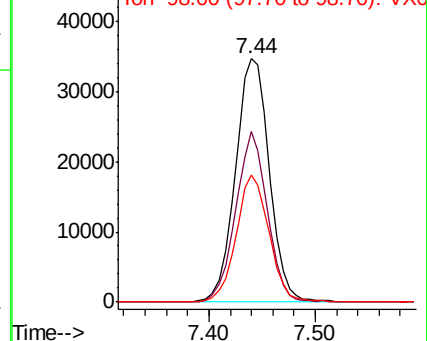
83 100

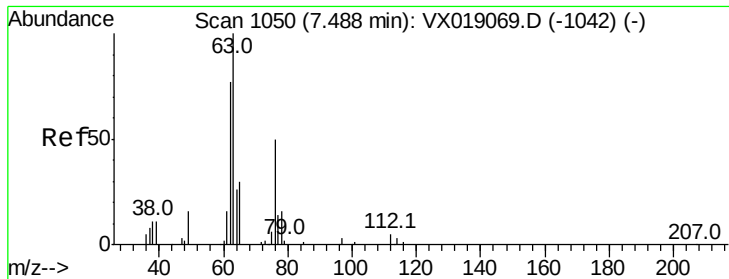
55 65.0 32.3 96.8

98 50.8 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX019077.D (-960) (-)





#39

1,2-Dichloropropane

Concen: 19.376 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

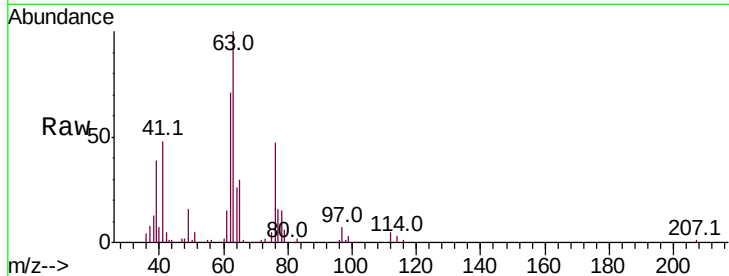
VX1023WBS01

Tot Ion: 63 Resp: 48805

Ion Ratio Lower Upper

63 100

65 29.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

25000

20000

15000

10000

5000

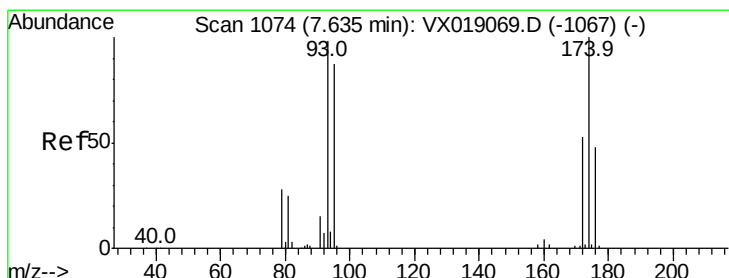
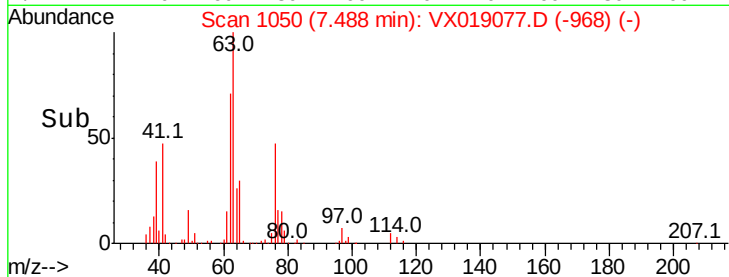
0

Time-->

7.40

7.50

7.60



#40

Dibromomethane

Concen: 18.883 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

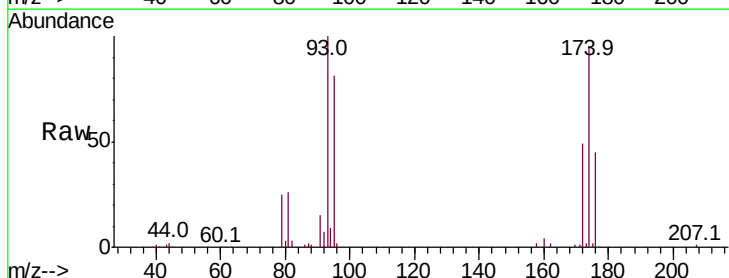
Tgt Ion: 93 Resp: 36912

Ion Ratio Lower Upper

93 100

95 83.3 0.0 169.0

174 103.9 0.0 205.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

25000

20000

15000

10000

5000

0

Time-->

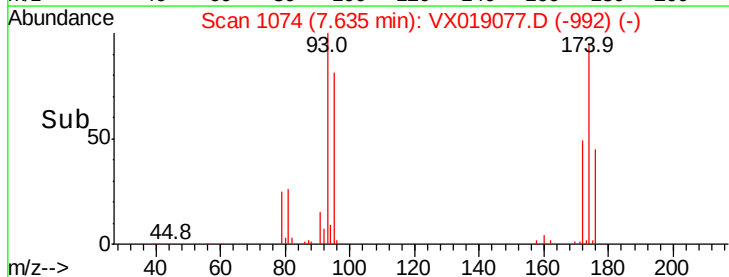
7.55

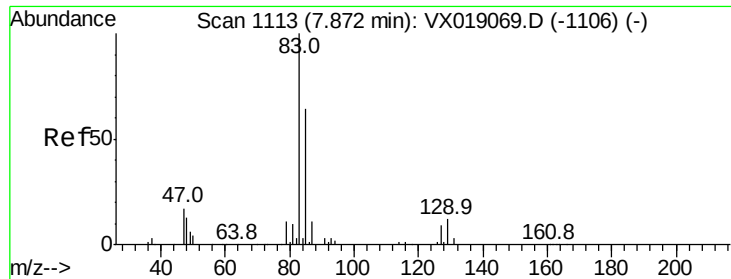
7.60

7.65

7.70

7.75





#41

Bromodichloromethane

Concen: 18.615 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

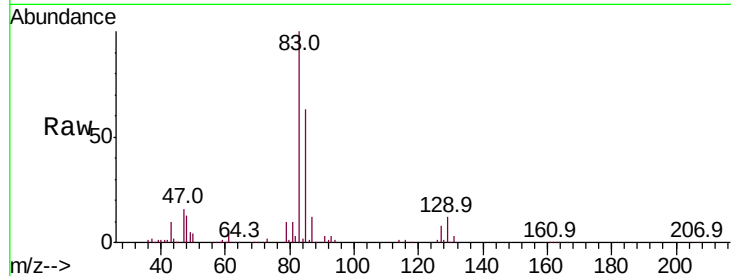
Tot Ion: 83 Resp: 71943

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

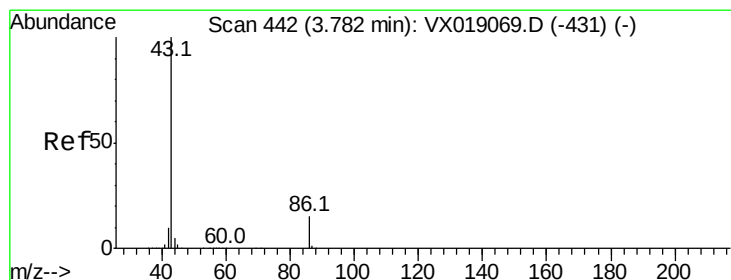
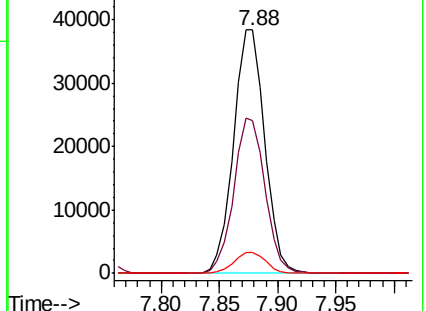
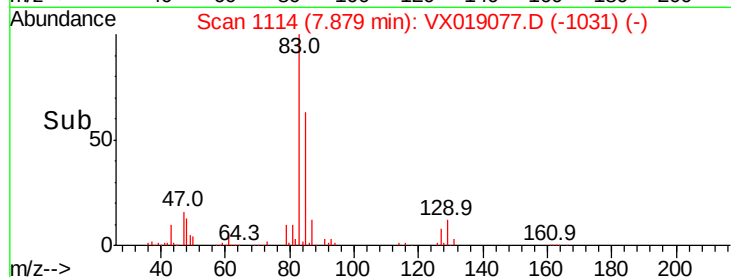
127 8.4 7.1 10.7



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: 95.515 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019077.D

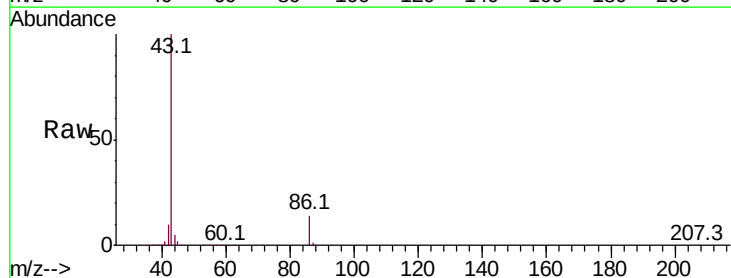
Acq: 23 Oct 2020 14:03

Tgt Ion: 43 Resp: 546018

Ion Ratio Lower Upper

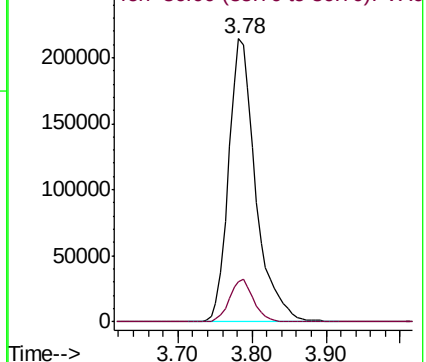
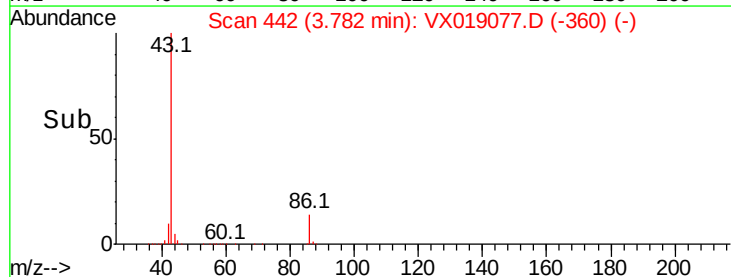
43 100

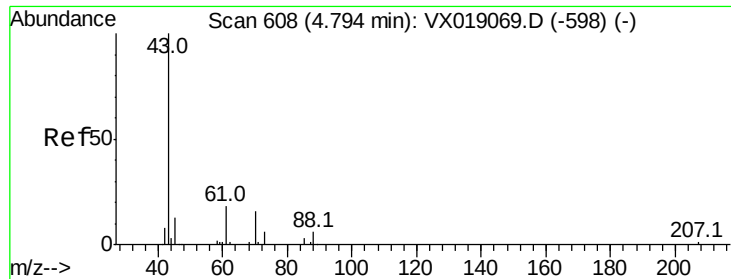
86 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

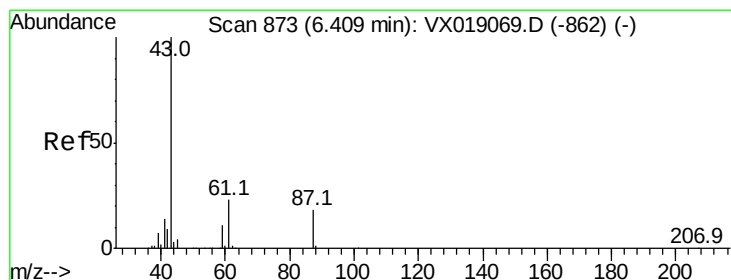
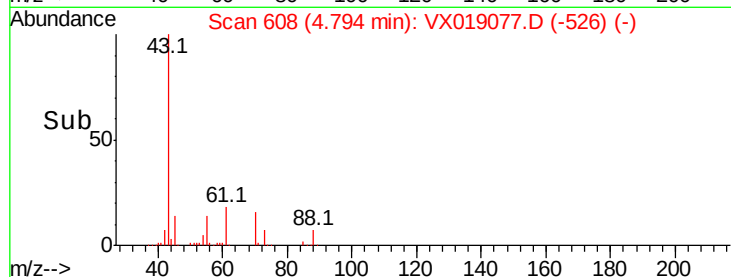
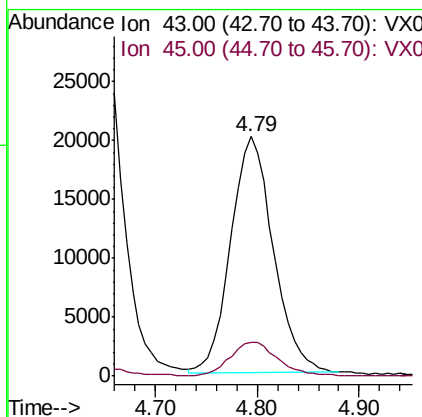
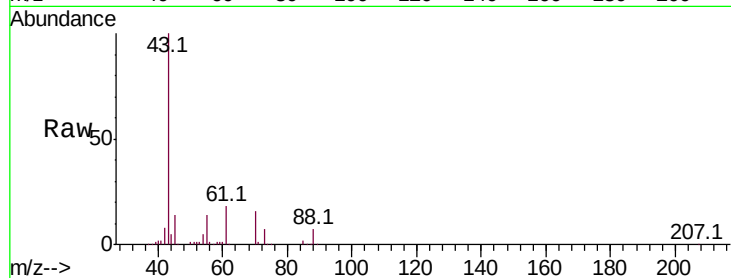




#43
Ethyl Acetate
Concen: 18.900 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

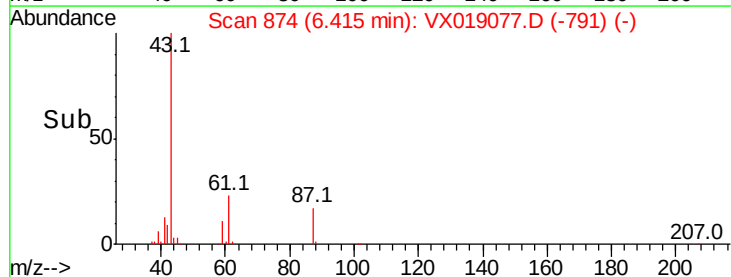
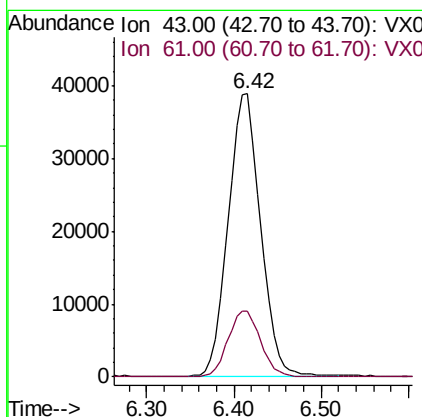
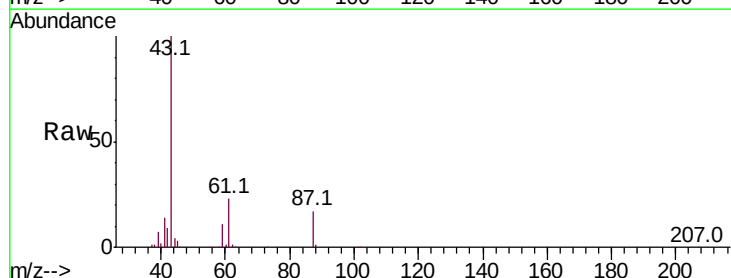
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

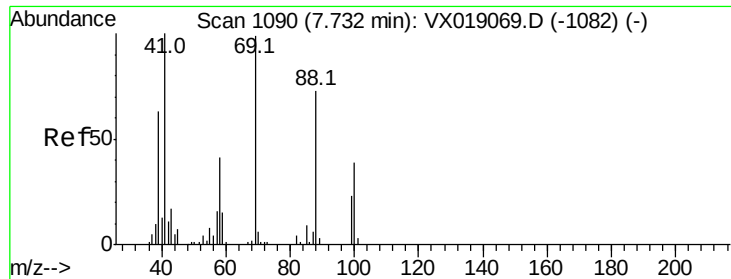
Tot Ion: 43 Resp: 58252
Ion Ratio Lower Upper
43 100
45 16.3 12.7 19.1



#44
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 43 Resp: 99524
Ion Ratio Lower Upper
43 100
61 23.4 19.1 28.7





#45

1,4-Dioxane

Concen: 373.949 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

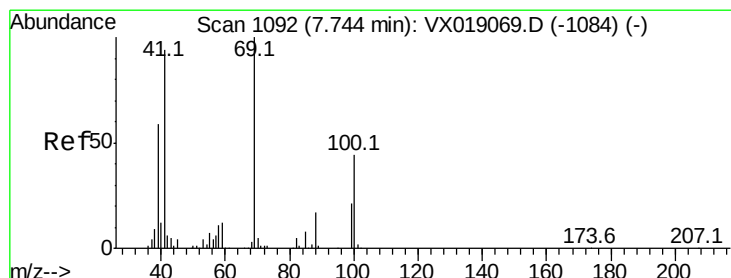
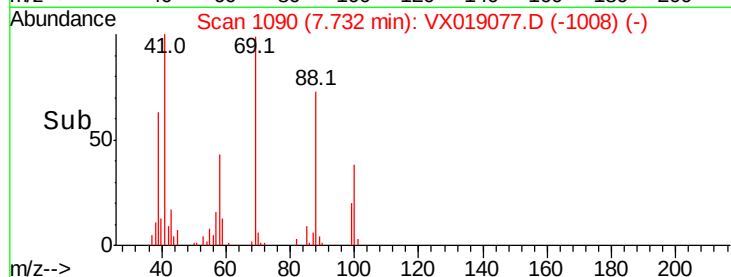
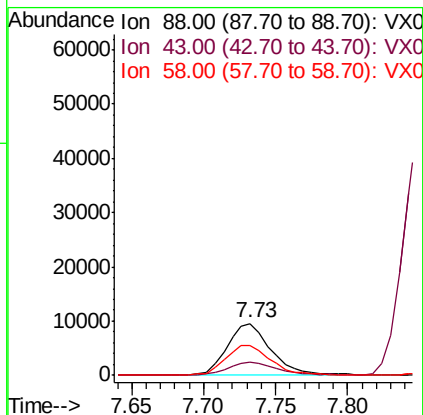
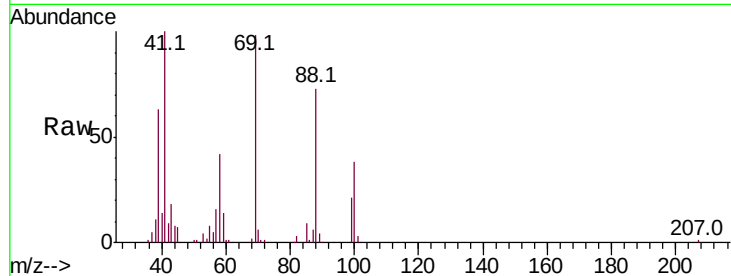
Tot Ion: 88 Resp: 20286

Ion Ratio Lower Upper

88 100

43 25.9 20.5 30.7

58 60.3 47.4 71.2



#46

Methyl methacrylate

Concen: 18.843 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

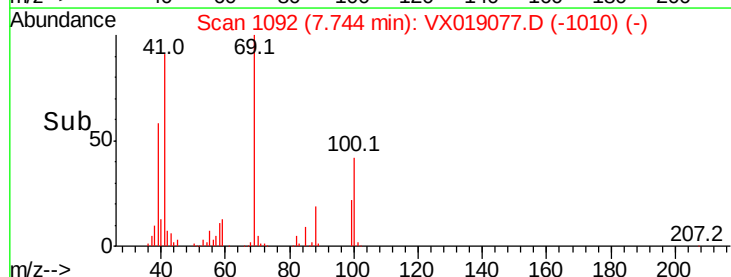
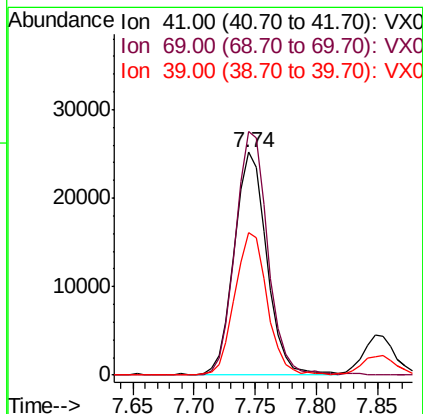
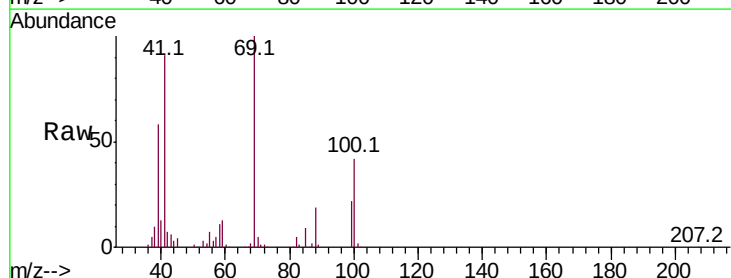
Tgt Ion: 41 Resp: 46028

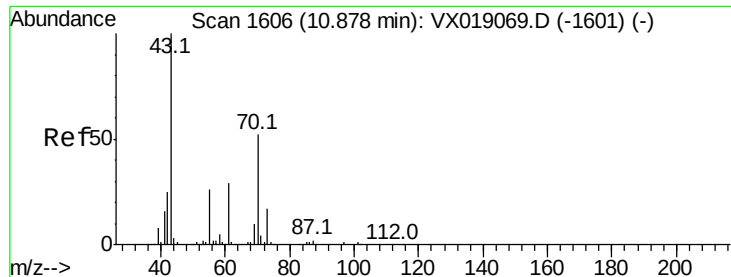
Ion Ratio Lower Upper

41 100

69 109.7 53.1 159.4

39 63.7 31.3 93.9





#47

n-amvl Acetate

Concen: 18.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

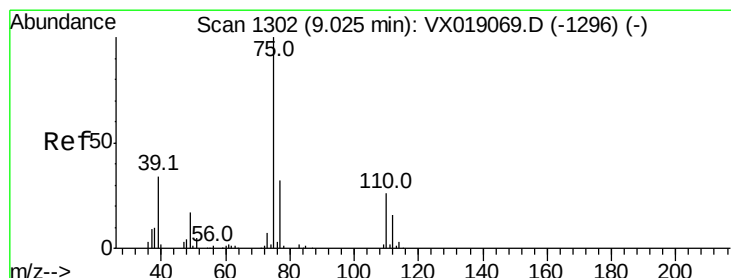
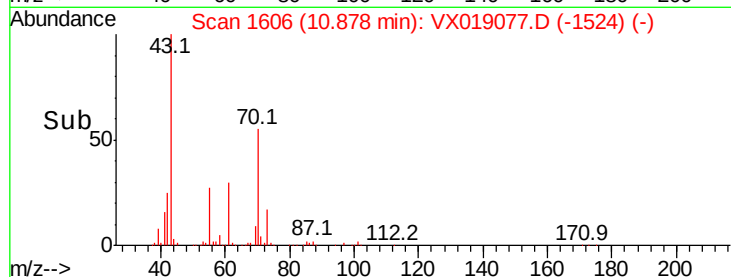
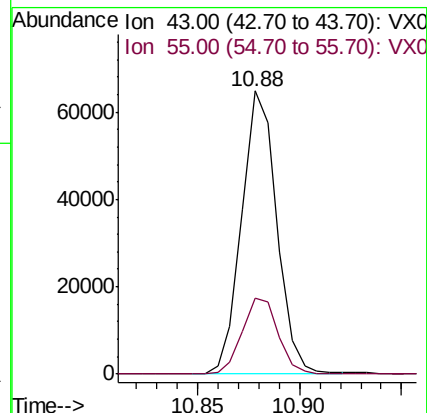
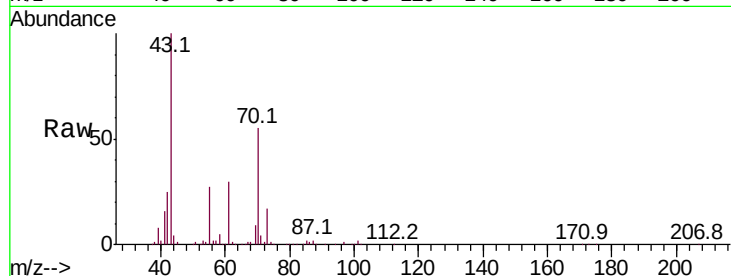
VX1023WBS01

Tot Ion: 43 Resp: 77351

Ion Ratio Lower Upper

43 100

55 27.3 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 18.334 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019077.D

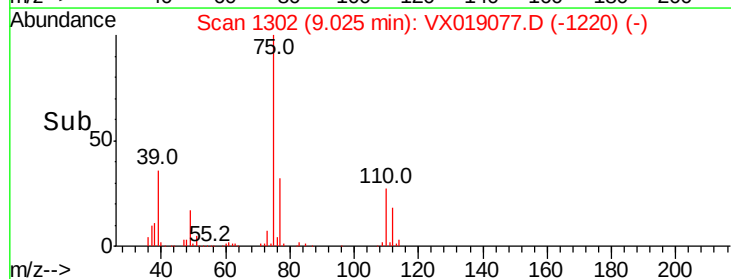
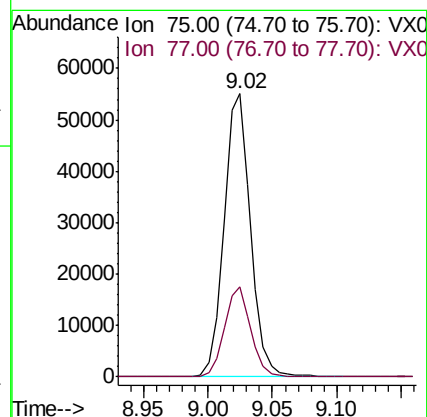
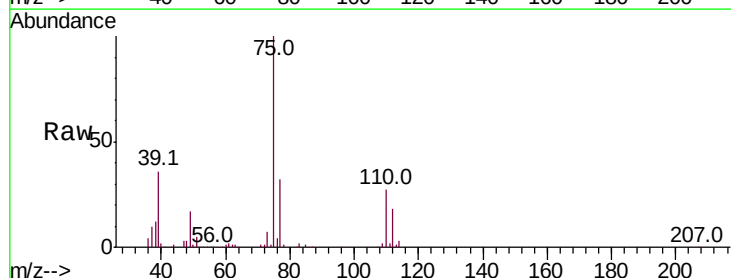
Acq: 23 Oct 2020 14:03

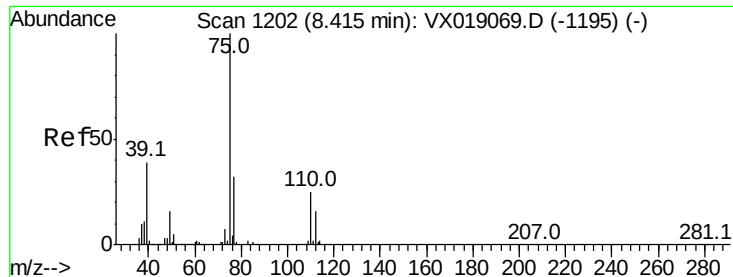
Tgt Ion: 75 Resp: 79324

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.648 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

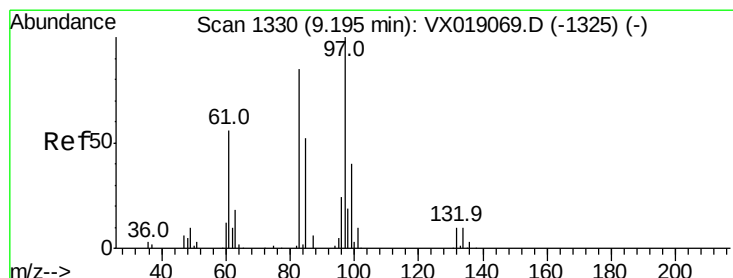
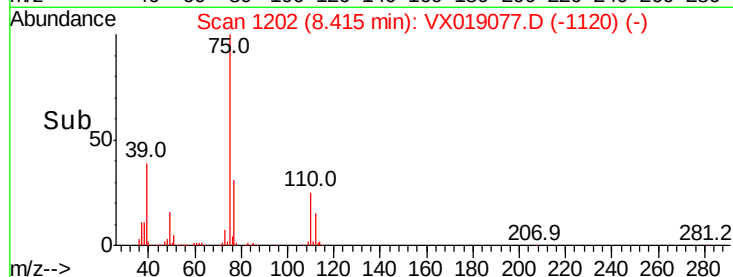
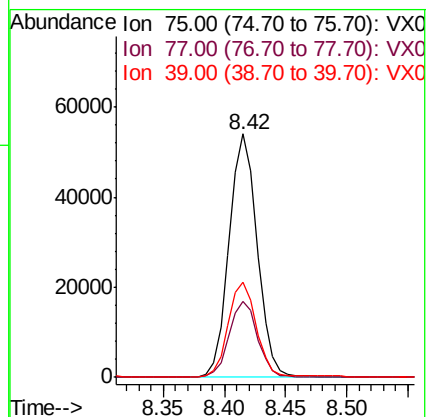
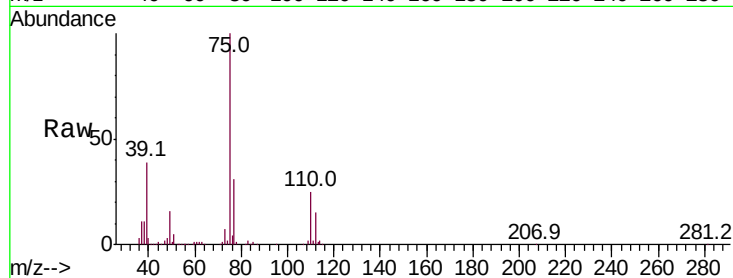
Tot Ion: 75 Resp: 85857

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 39.2 31.0 46.6



#50

1,1,2-Trichloroethane

Concen: 18.918 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion: 97 Resp: 53565

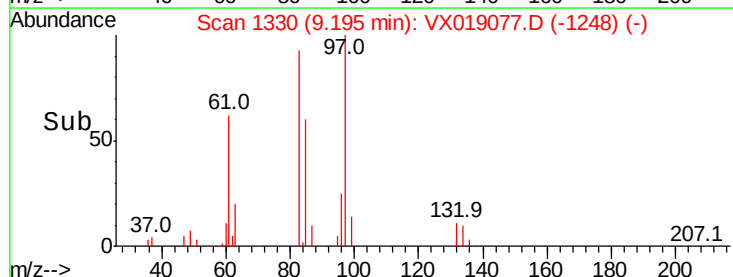
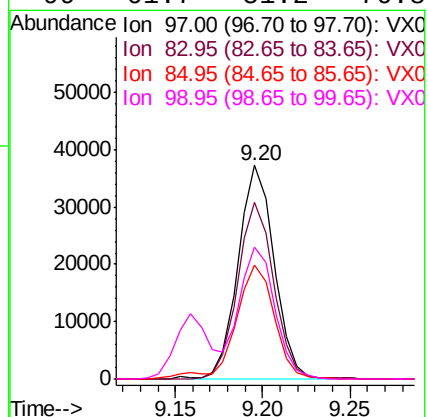
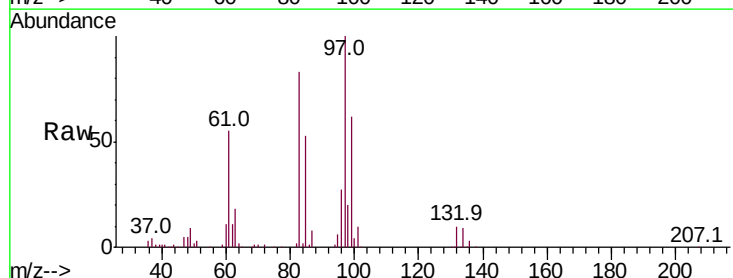
Ion Ratio Lower Upper

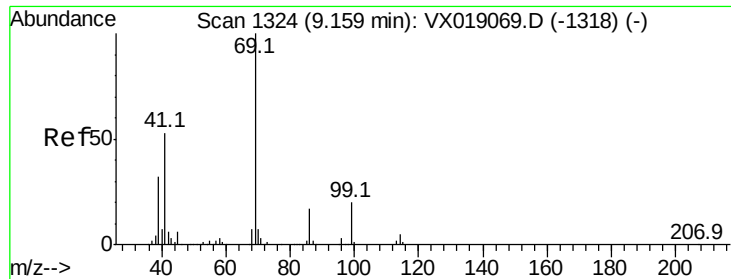
97 100

83 82.8 67.8 101.6

85 53.2 43.5 65.3

99 61.7 51.2 76.8





#51

Ethyl methacrylate

Concen: 18.716 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

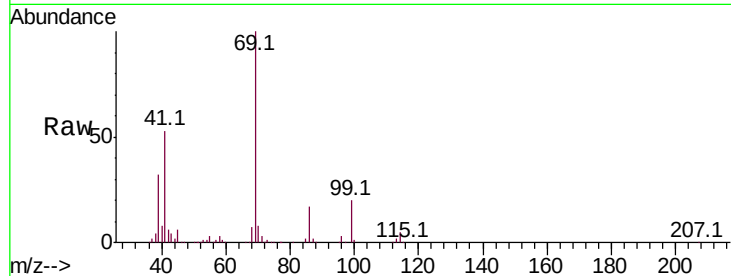
Tot Ion: 69 Resp: 77323

Ion Ratio Lower Upper

69 100

41 52.7 26.5 79.4

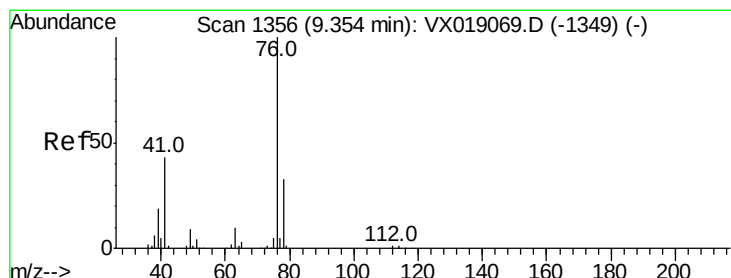
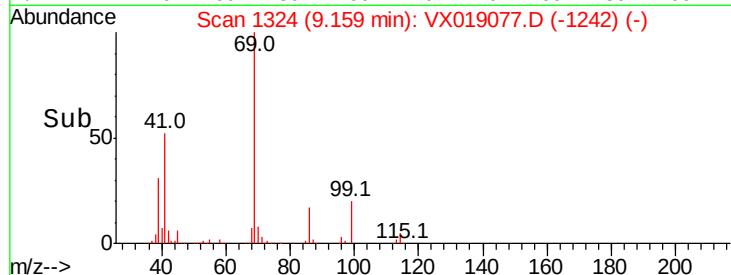
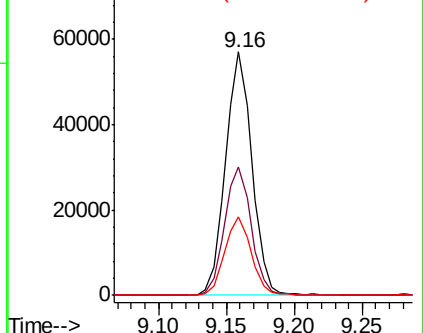
39 31.8 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.195 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019077.D

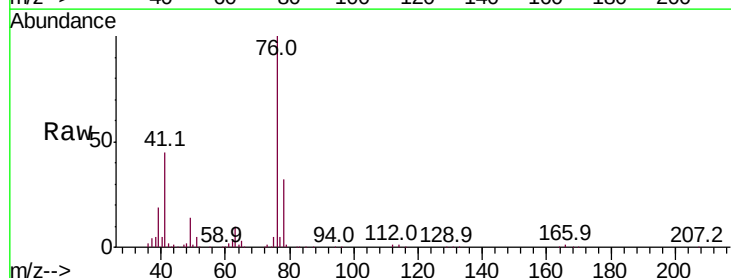
Acq: 23 Oct 2020 14:03

Tgt Ion: 76 Resp: 88538

Ion Ratio Lower Upper

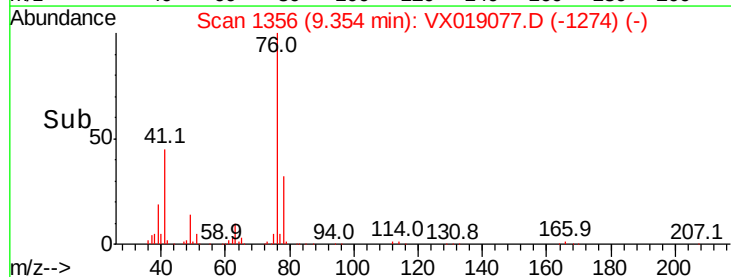
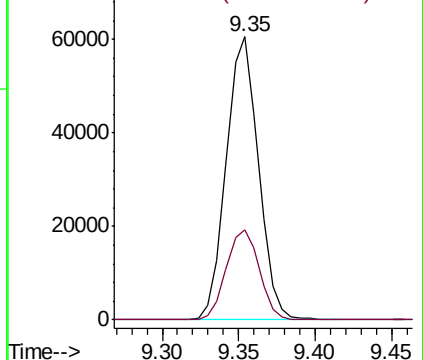
76 100

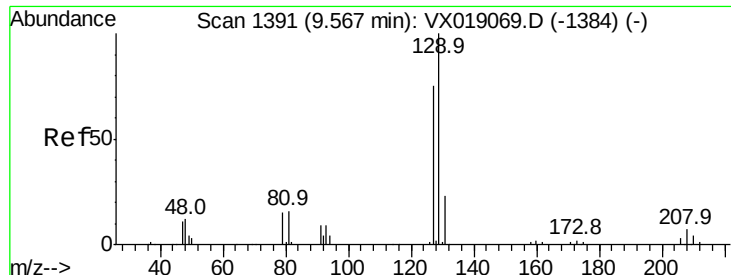
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.863 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

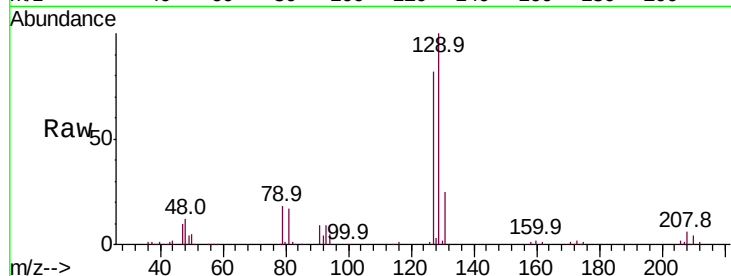
VX1023WBS01

Tot Ion:129 Resp: 56302

Ion Ratio Lower Upper

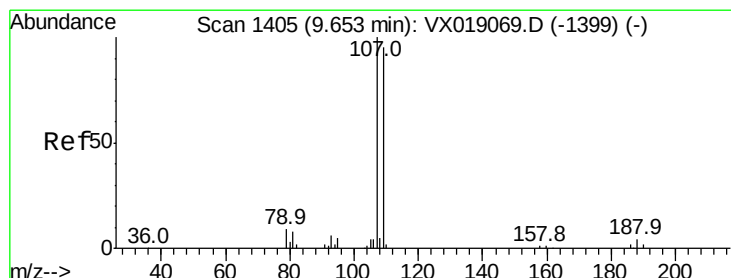
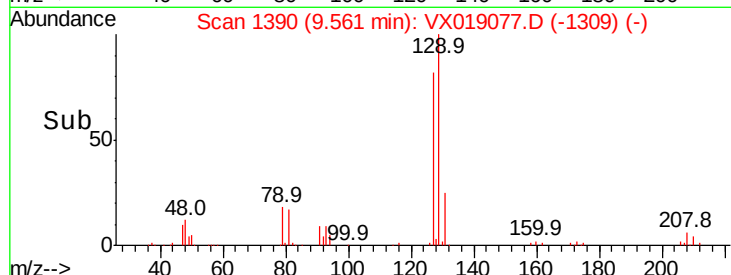
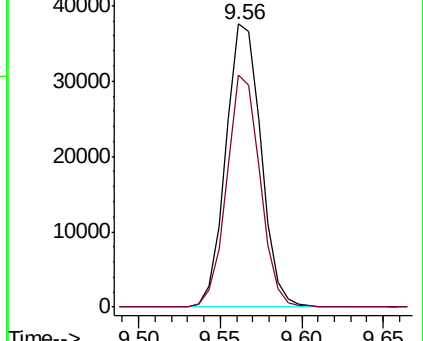
129 100

127 78.0 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.868 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019077.D

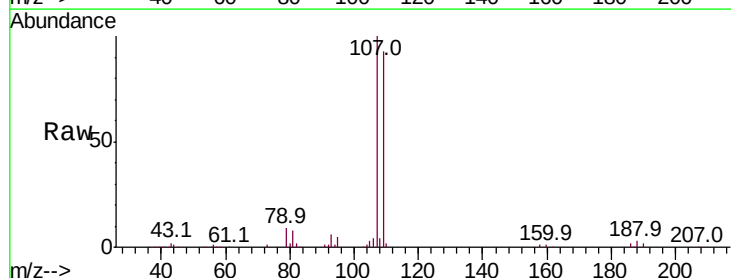
Acq: 23 Oct 2020 14:03

Tgt Ion:107 Resp: 58052

Ion Ratio Lower Upper

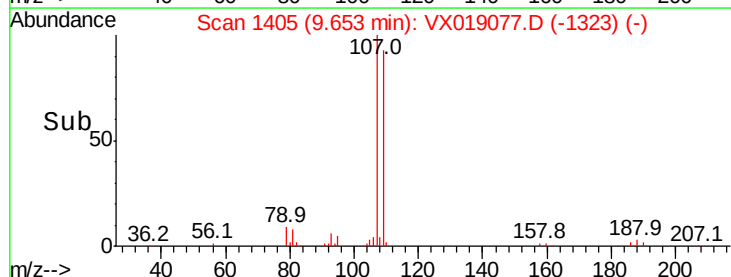
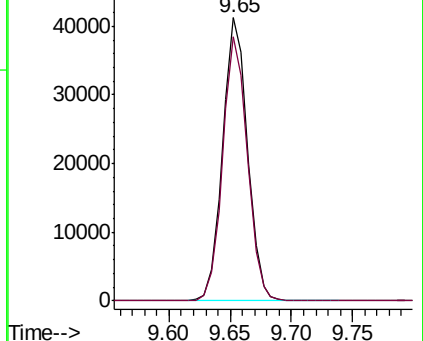
107 100

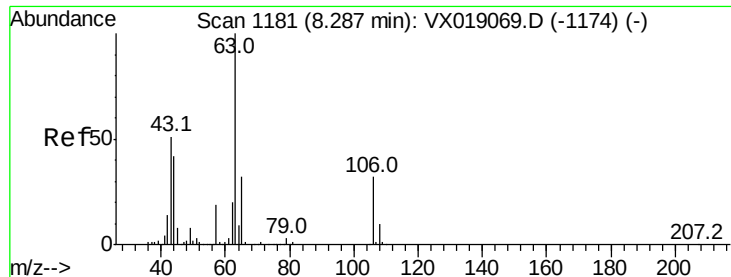
109 92.4 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

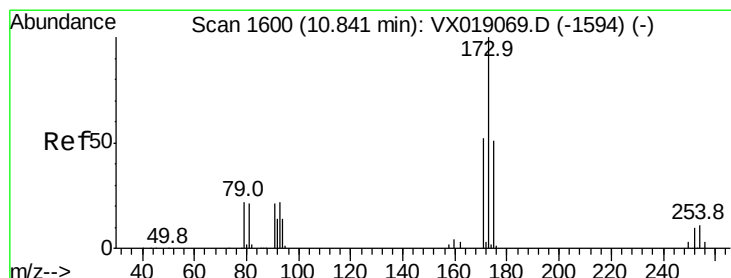
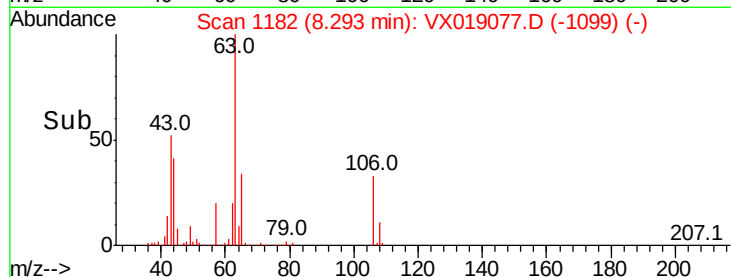
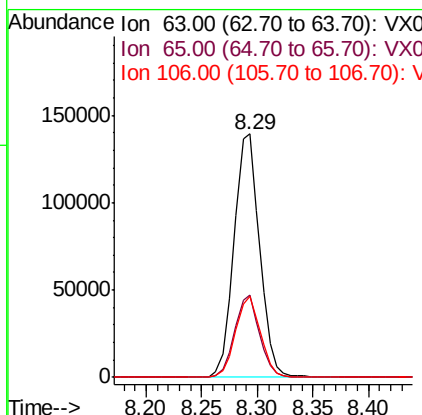
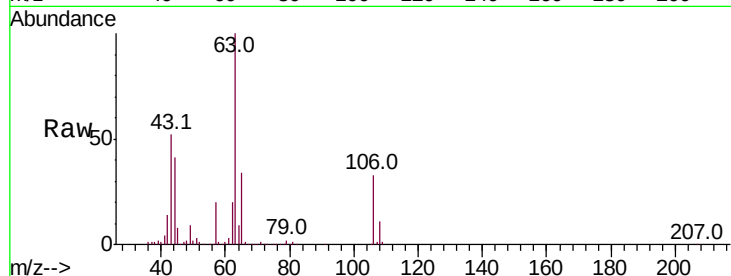




#55
2-Chloroethyl vinyl ether
Concen: 100.608 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

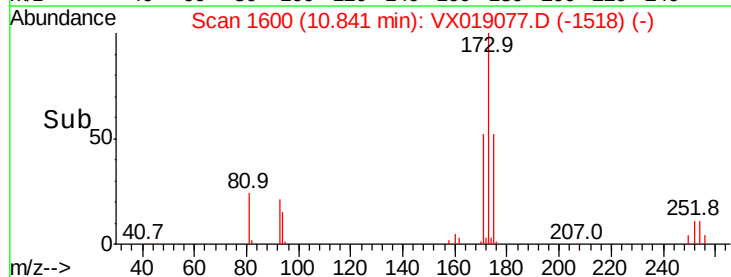
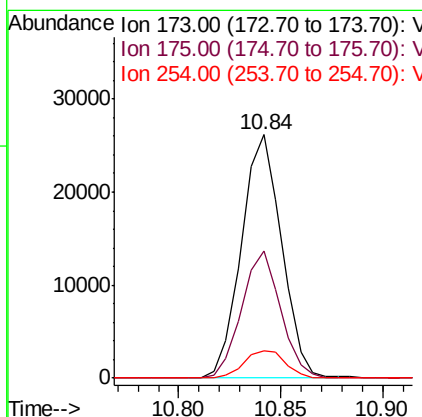
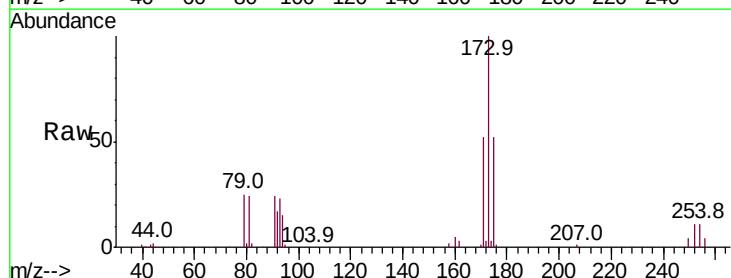
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

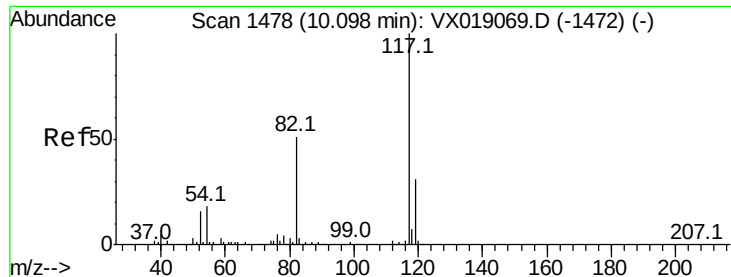
Tot Ion: 63 Resp: 222133
Ion Ratio Lower Upper
63 100
65 32.8 26.0 39.0
106 32.5 25.9 38.9



#56
Bromoform
Concen: 16.266 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion:173 Resp: 35844
Ion Ratio Lower Upper
173 100
175 50.9 39.6 59.4
254 11.3 8.6 13.0

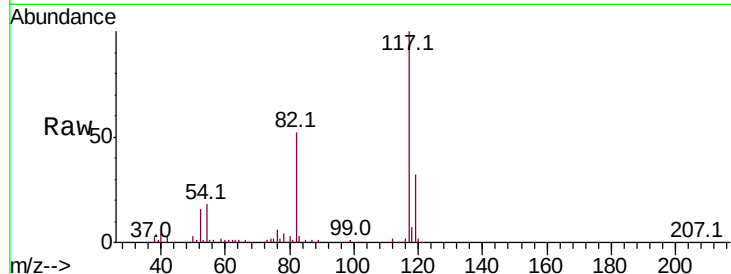




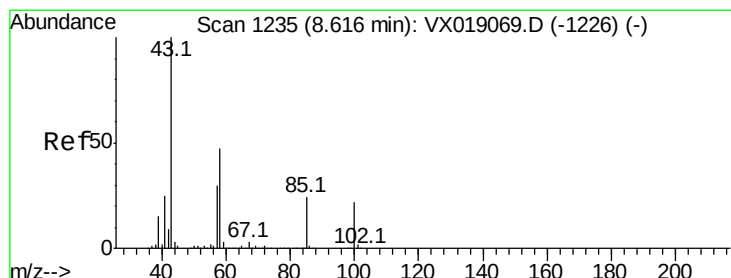
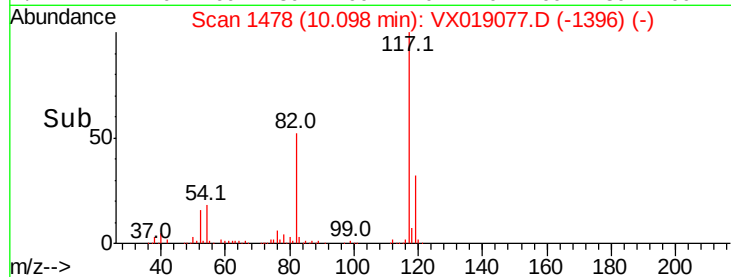
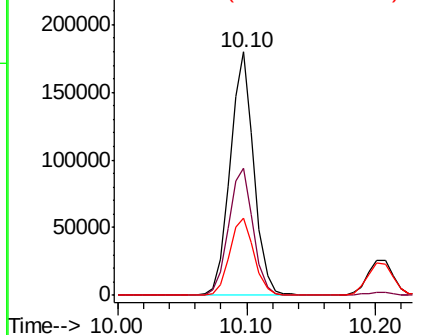
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.5	63.7
119	33.0	25.6	38.4

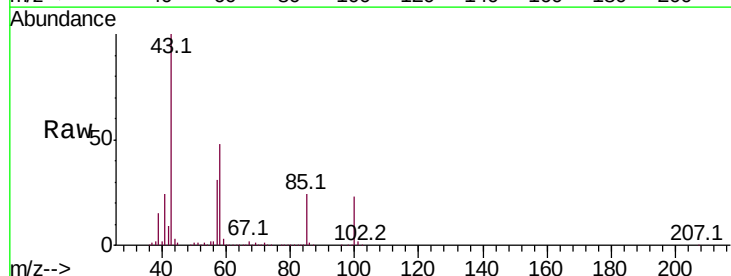


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

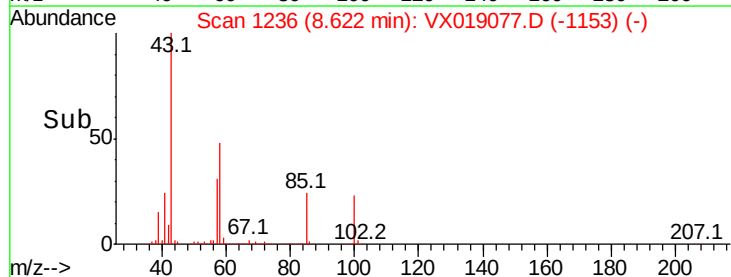
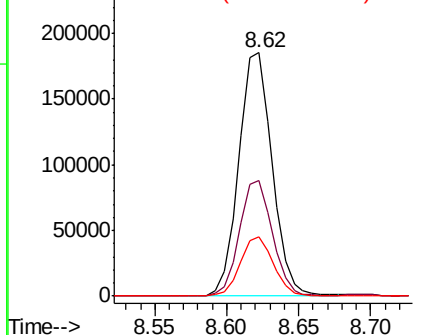


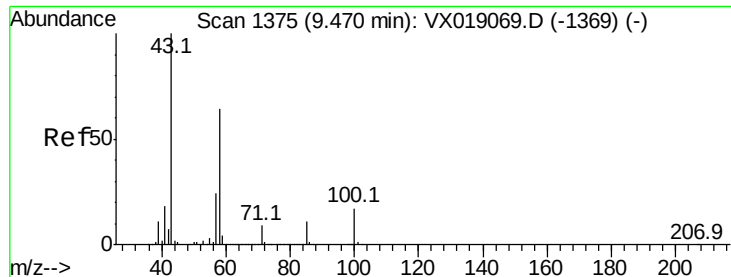
#58
4-Methyl-2-Pentanone
Concen: 102.538 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.6	56.4
85	24.1	19.4	29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

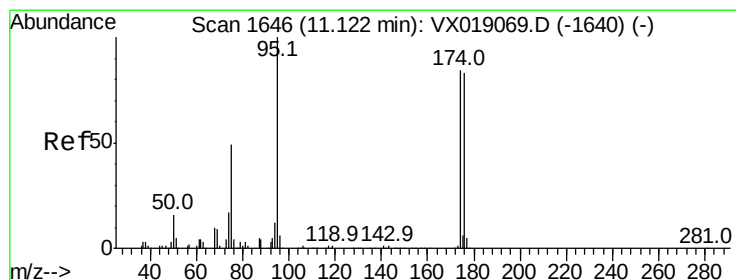
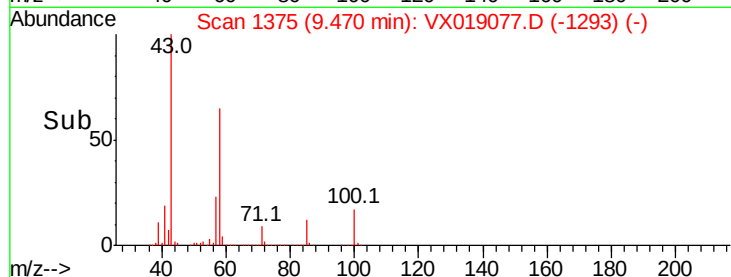
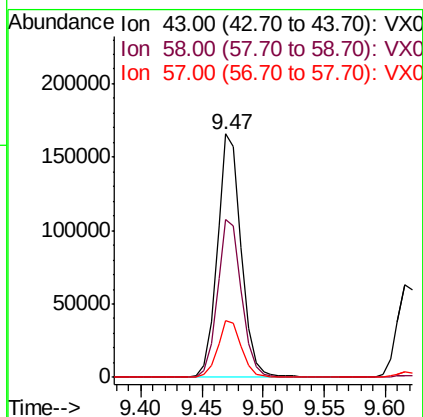
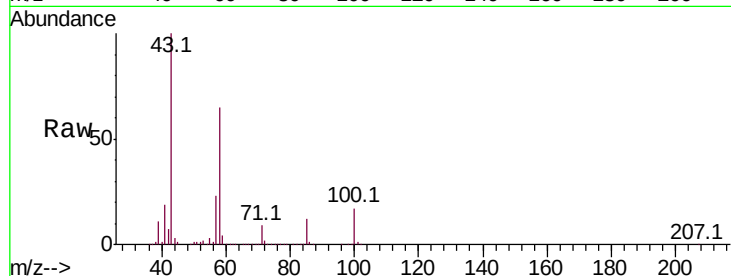




#59
2-Hexanone
Concen: 103.545 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

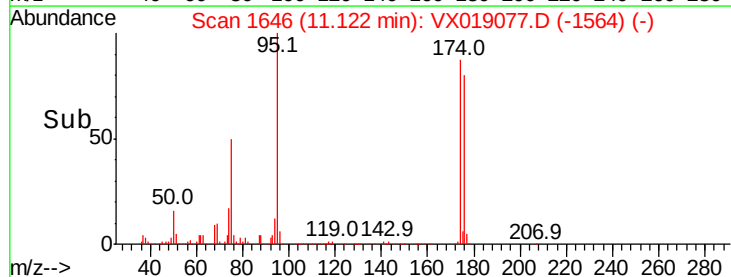
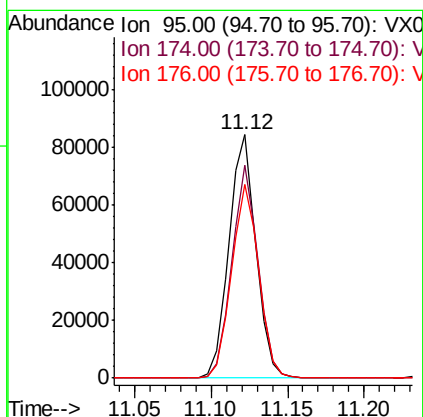
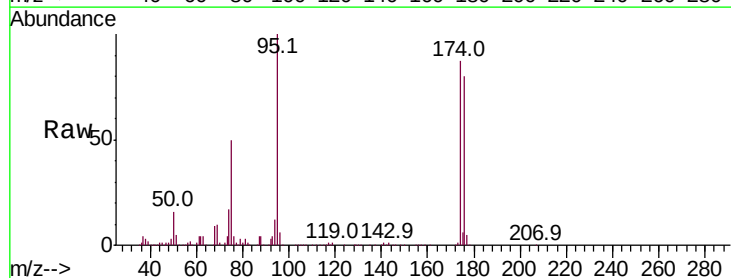
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

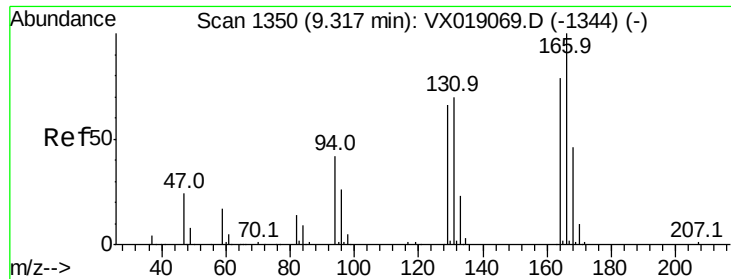
Tot Ion: 43 Resp: 224666
Ion Ratio Lower Upper
43 100
58 65.8 51.9 77.9
57 22.9 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 29.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion: 95 Resp: 102746
Ion Ratio Lower Upper
95 100
174 84.8 66.3 99.5
176 79.6 65.5 98.3





#61

Tetrachloroethene

Concen: 18.471 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tot Ion:164 Resp: 50594

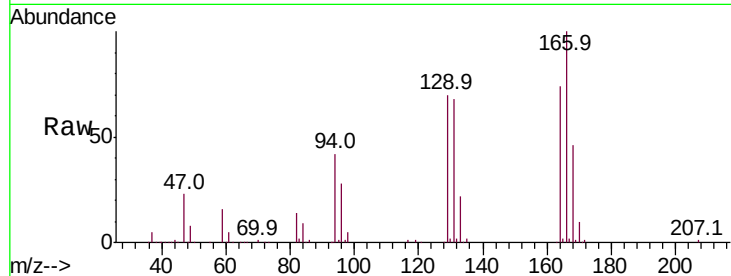
Ion Ratio Lower Upper

164 100

166 135.6 101.9 152.9

129 95.5 67.0 100.6

131 92.5 71.1 106.7

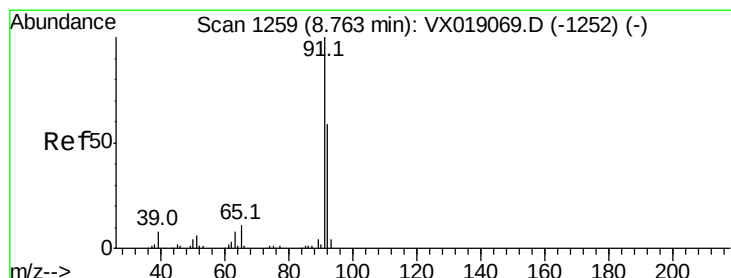
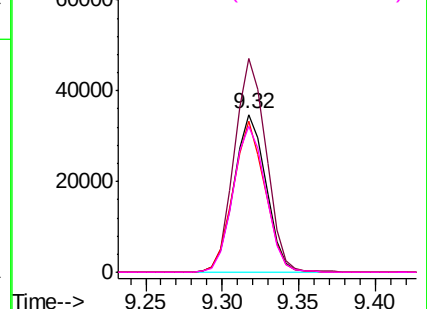
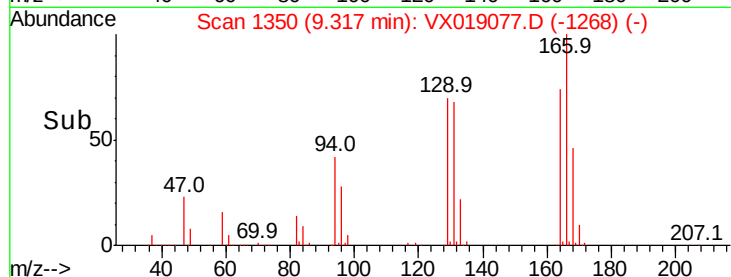


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.305 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019077.D

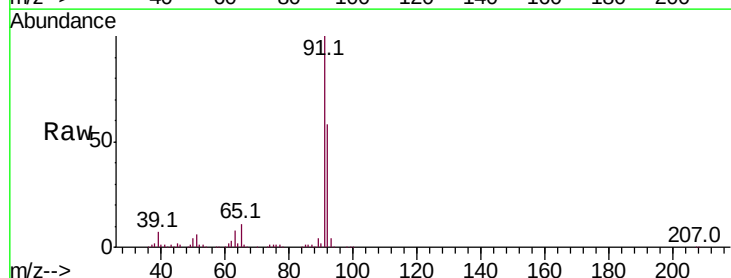
Acq: 23 Oct 2020 14:03

Tgt Ion: 91 Resp: 234268

Ion Ratio Lower Upper

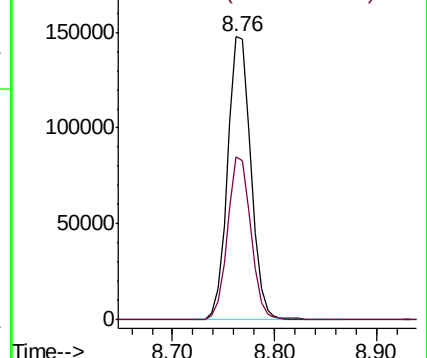
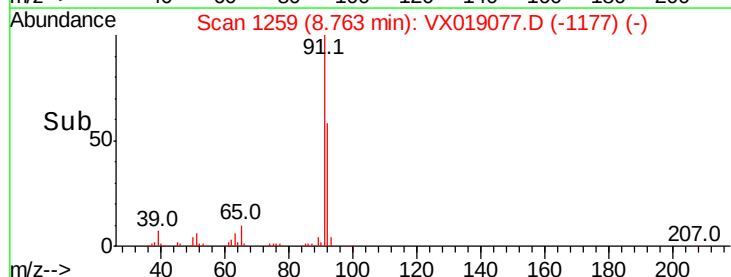
91 100

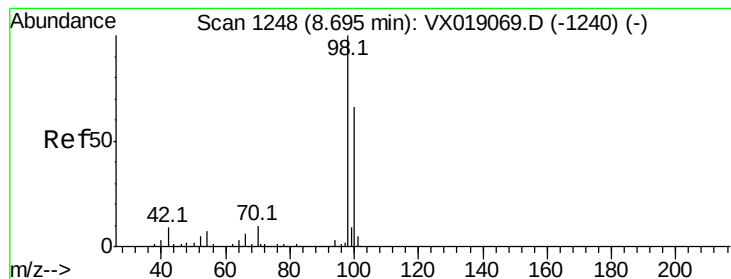
92 57.5 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.025 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

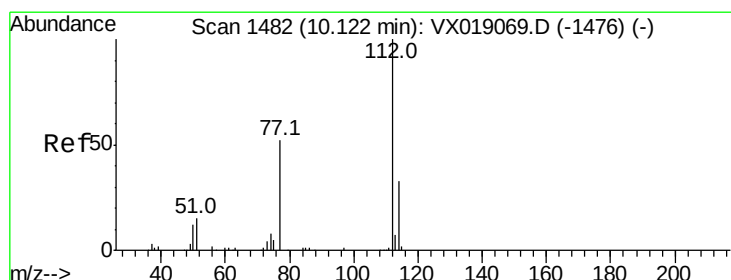
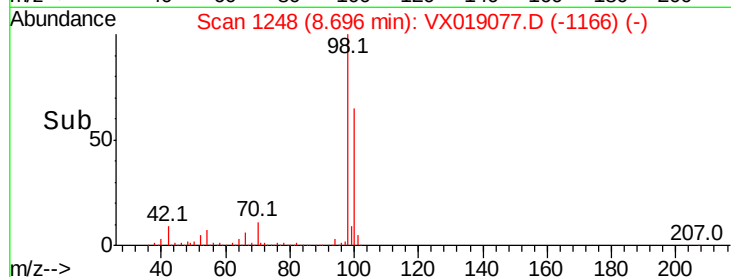
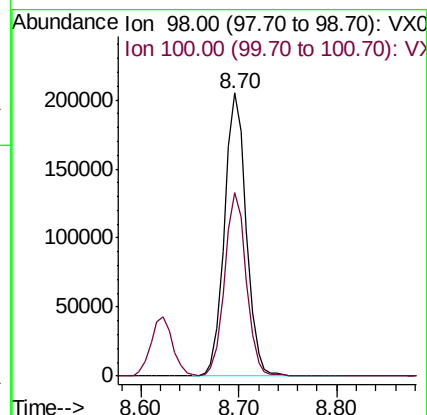
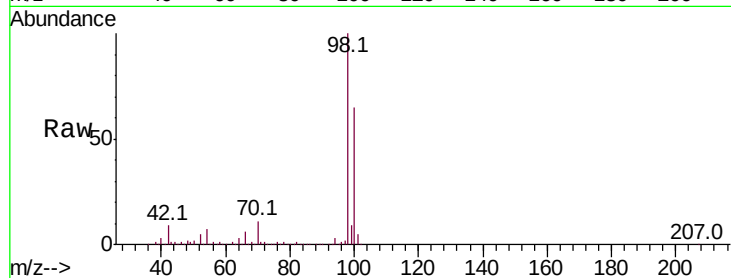
VX1023WBS01

Tot Ion: 98 Resp: 316278

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#64

Chlorobenzene

Concen: 18.955 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019077.D

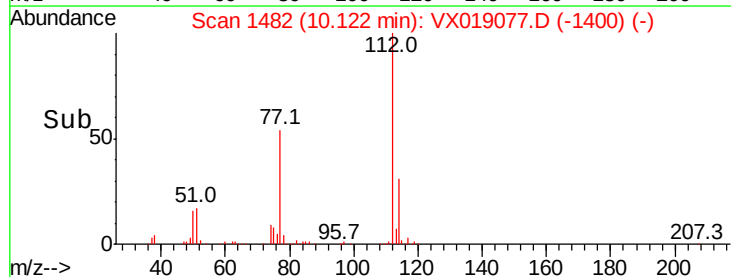
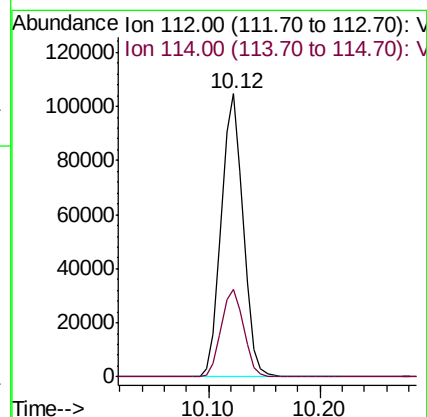
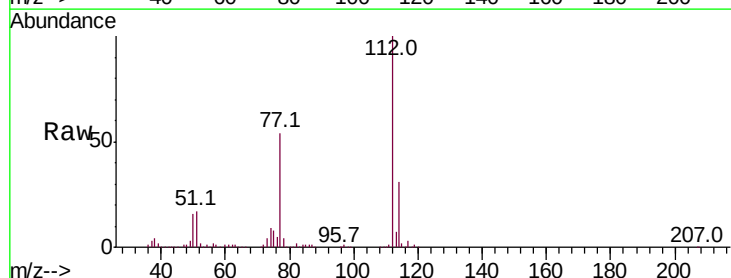
Acq: 23 Oct 2020 14:03

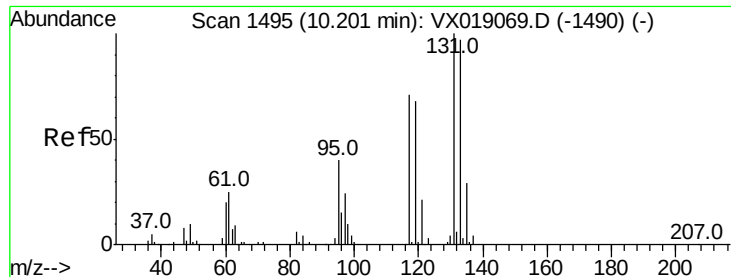
Tgt Ion: 112 Resp: 142983

Ion Ratio Lower Upper

112 100

114 31.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.950 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

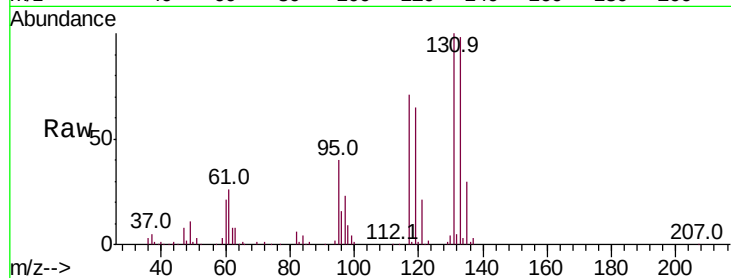
Tot Ion:131 Resp: 51988

Ion Ratio Lower Upper

131 100

133 96.8 0.0 191.6

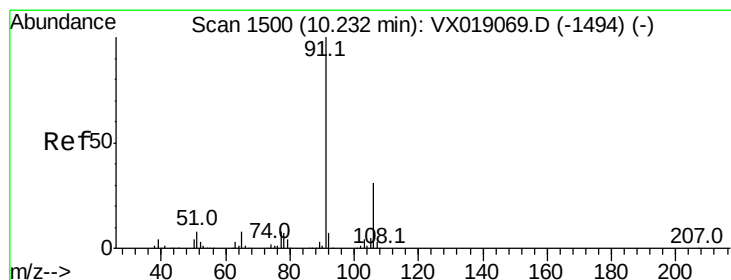
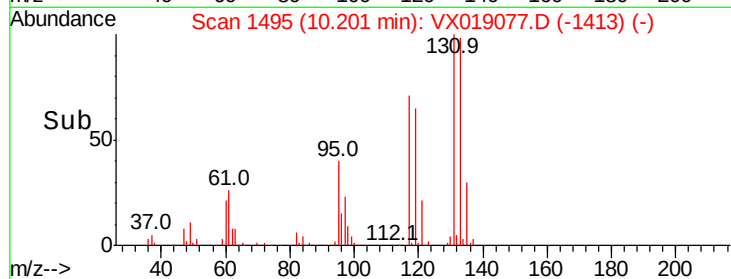
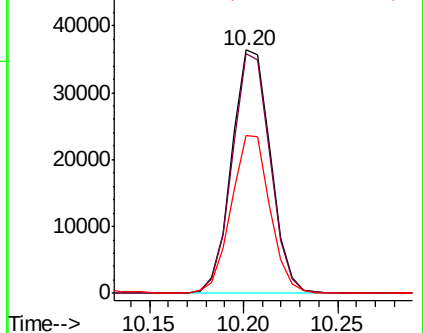
119 64.2 0.0 130.0



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: 18.967 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019077.D

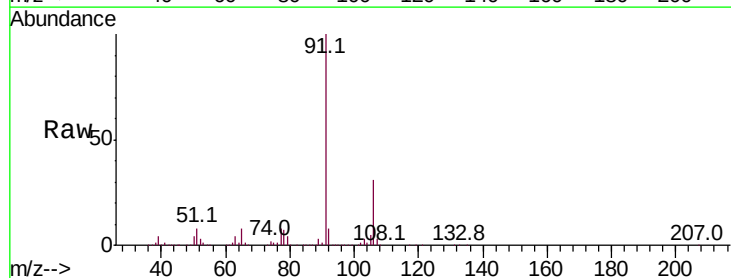
Acq: 23 Oct 2020 14:03

Tgt Ion: 91 Resp: 252343

Ion Ratio Lower Upper

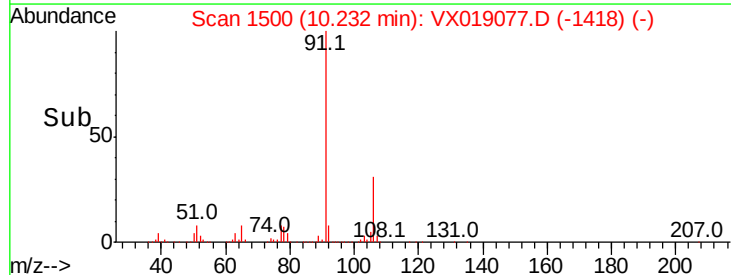
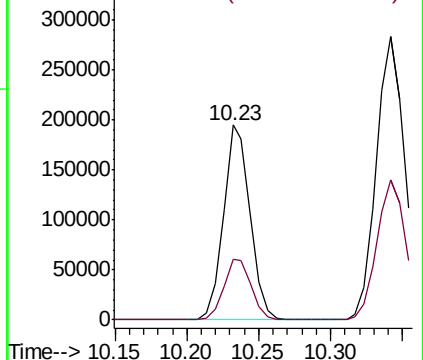
91 100

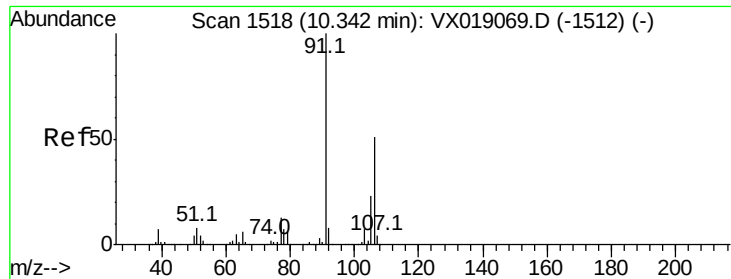
106 31.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

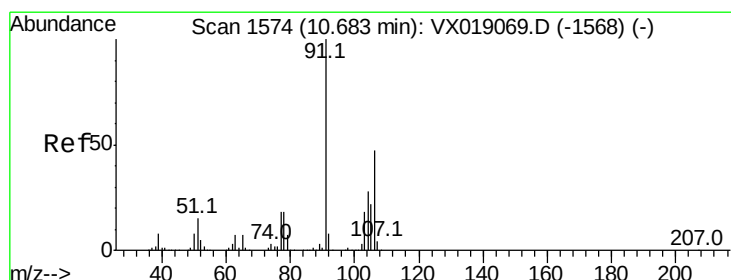
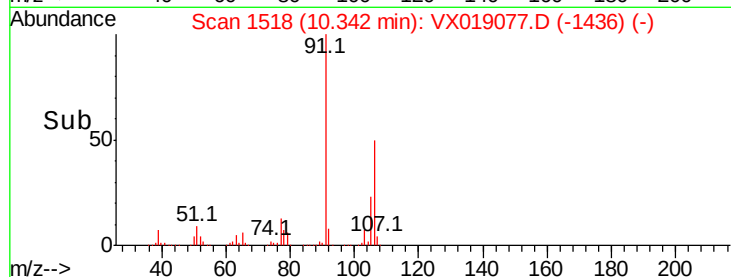
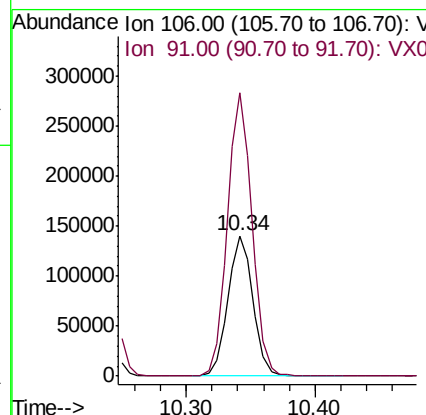
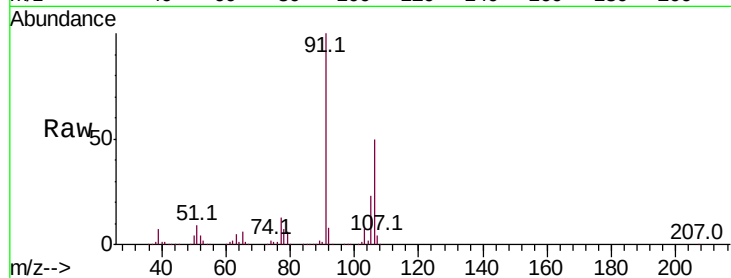




#67
m/p-Xylenes
Concen: 37.813 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

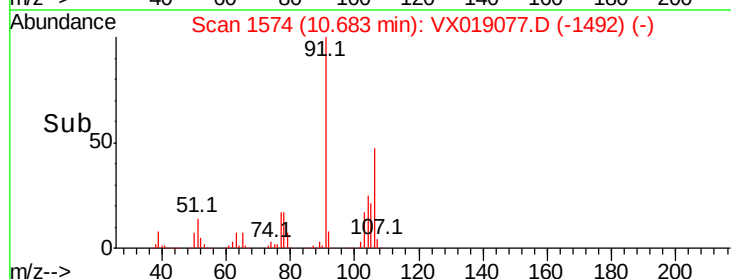
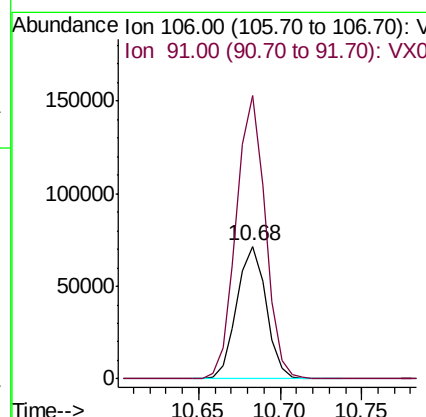
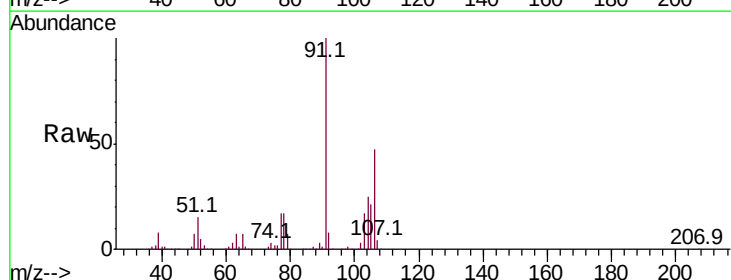
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

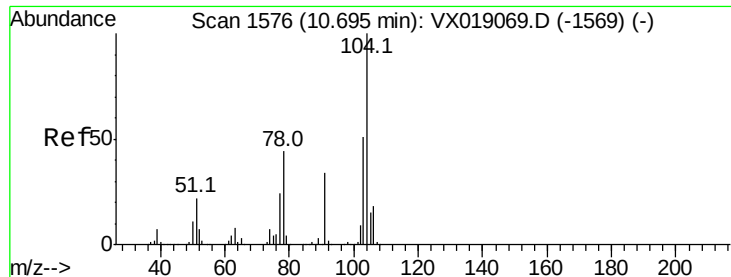
Tot Ion:106 Resp: 191853
Ion Ratio Lower Upper
106 100
91 199.0 157.5 236.3



#68
o-Xylene
Concen: 18.789 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion:106 Resp: 90919
Ion Ratio Lower Upper
106 100
91 209.6 103.8 311.4

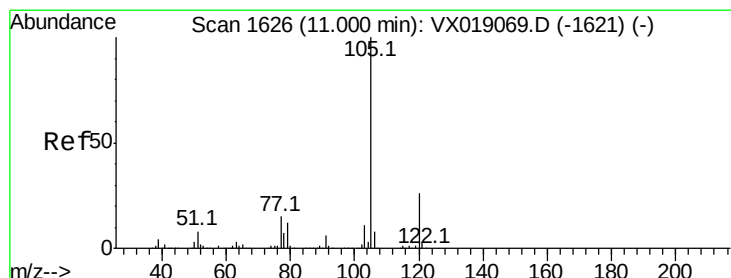
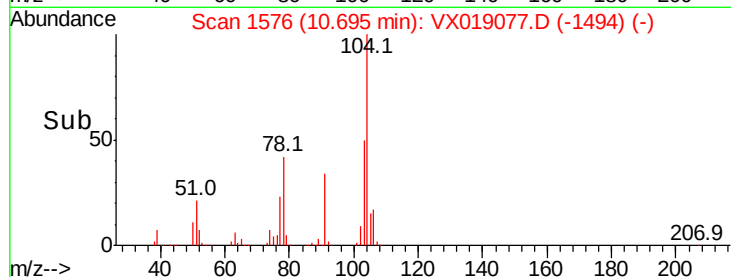
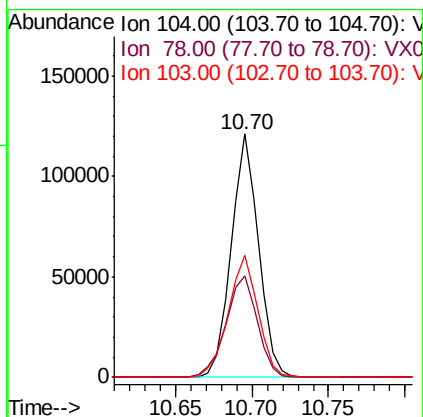
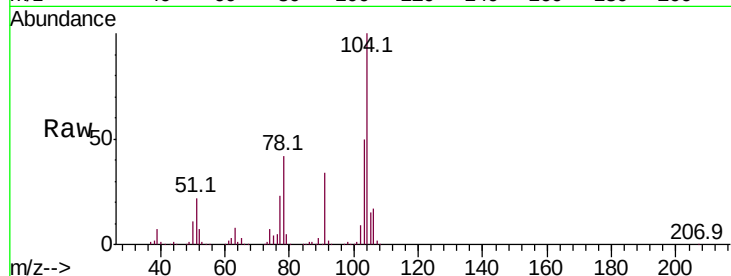




#69
Stvrene
Concen: 18.399 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

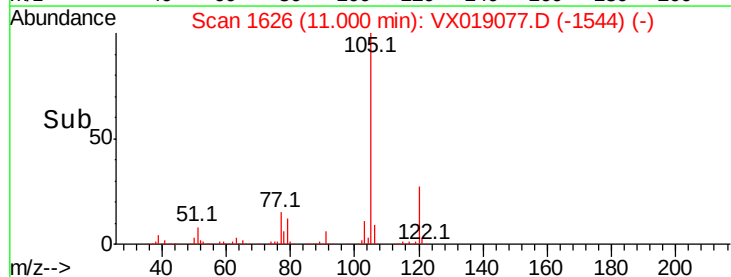
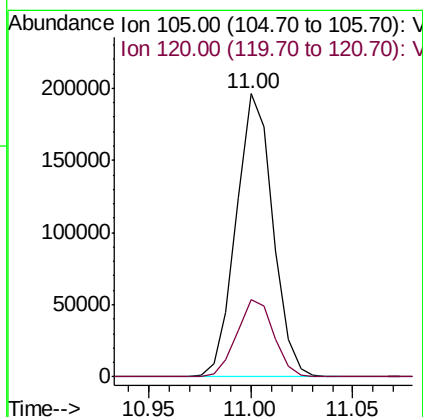
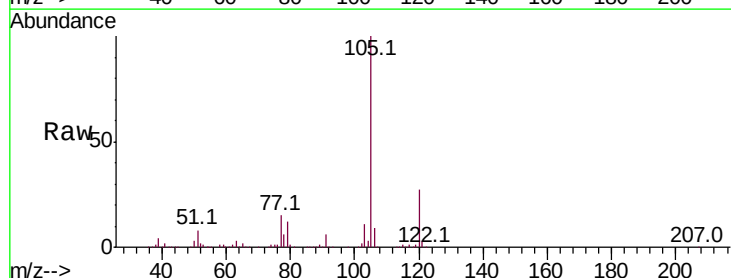
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

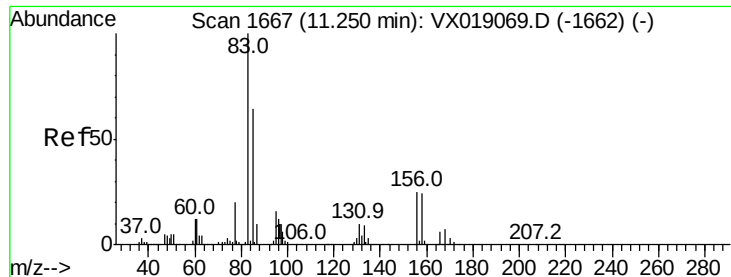
Tot Ion:104 Resp: 150005
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 55.1 43.4 65.2



#70
Isopropylbenzene
Concen: 18.785 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion:105 Resp: 244417
Ion Ratio Lower Upper
105 100
120 27.5 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 18.891 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

VX1023WBS01

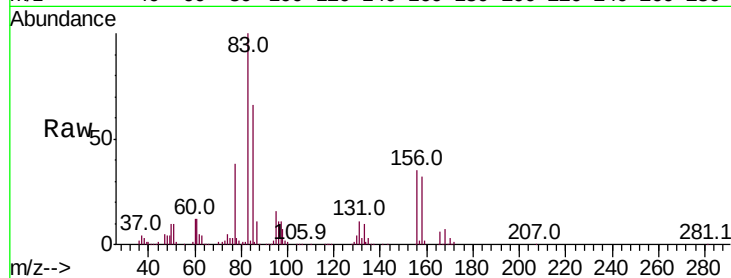
Tot Ion: 83 Resp: 70960

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

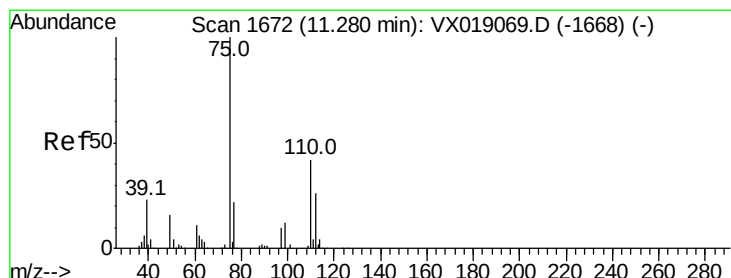
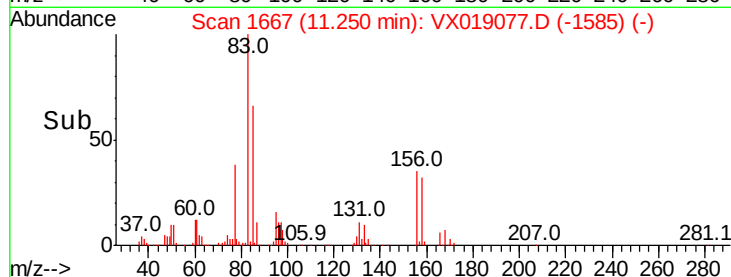
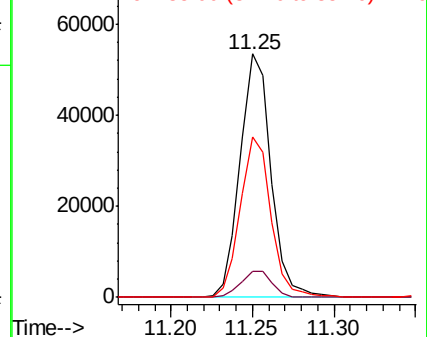
85 65.6 32.5 97.4



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: 25.149 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019077.D

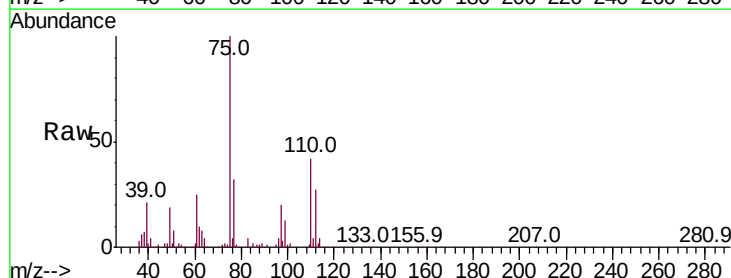
Acq: 23 Oct 2020 14:03

Tgt Ion: 75 Resp: 84953

Ion Ratio Lower Upper

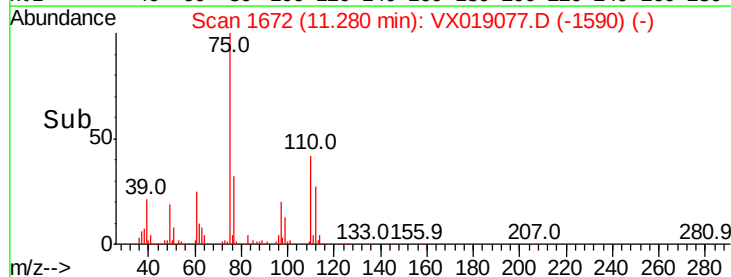
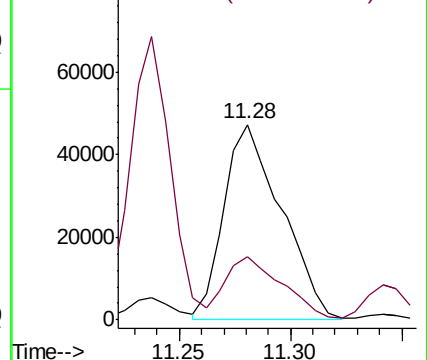
75 100

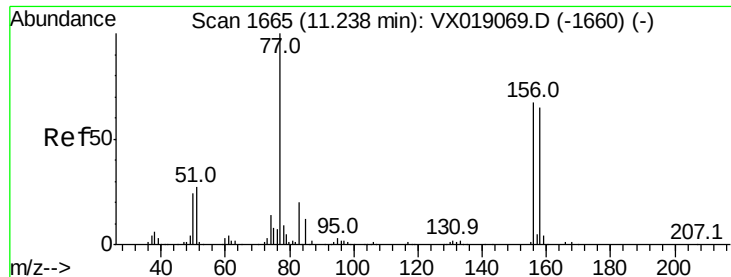
77 32.0 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.708 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

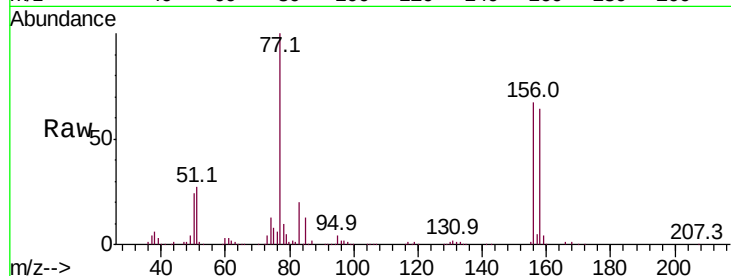
Tot Ion:156 Resp: 59490

Ion Ratio Lower Upper

156 100

77 146.7 0.0 299.6

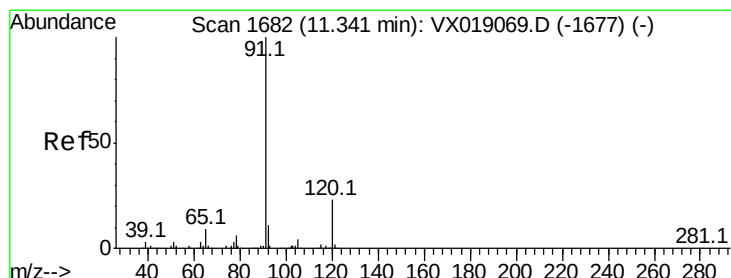
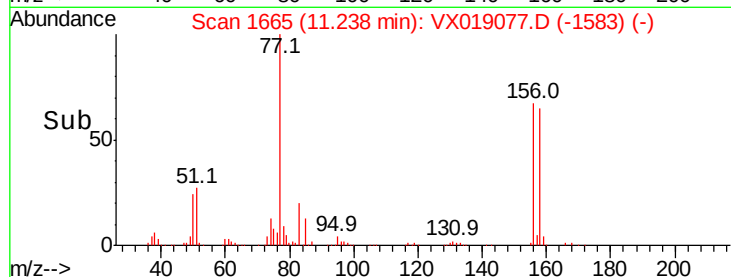
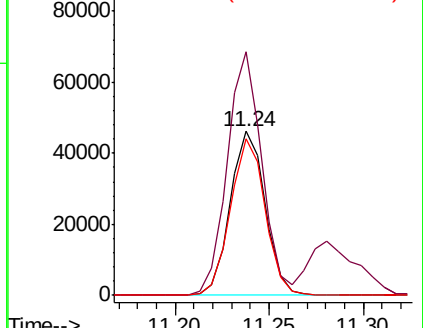
158 94.7 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.896 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019077.D

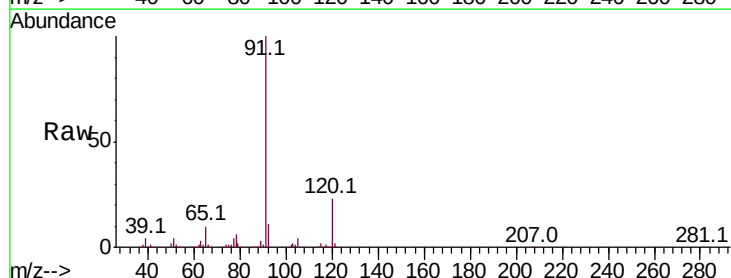
Acq: 23 Oct 2020 14:03

Tgt Ion: 91 Resp: 278379

Ion Ratio Lower Upper

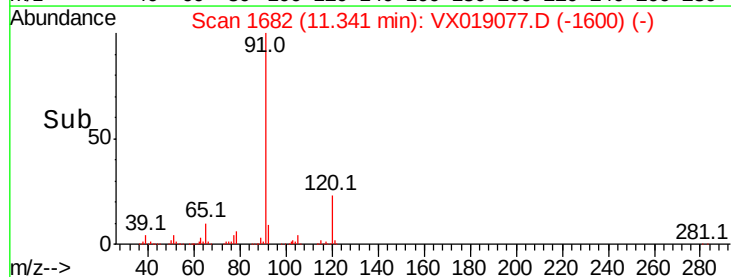
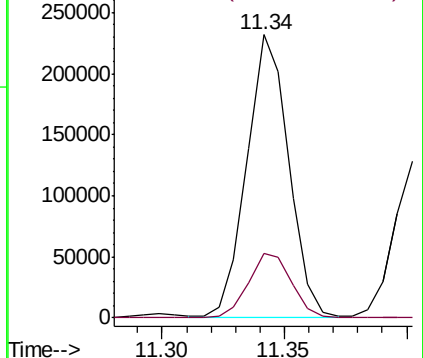
91 100

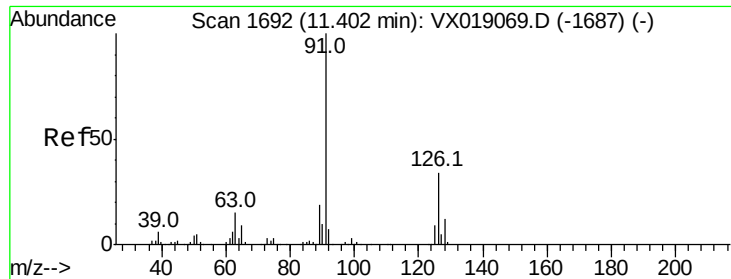
120 23.4 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.086 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

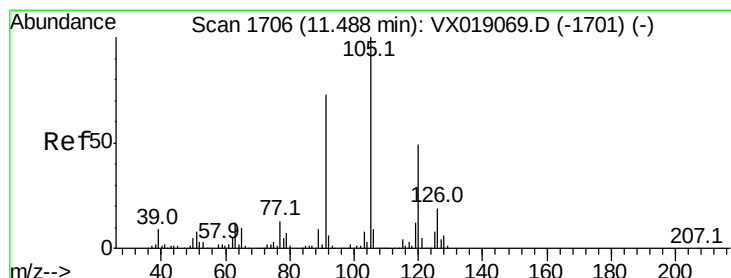
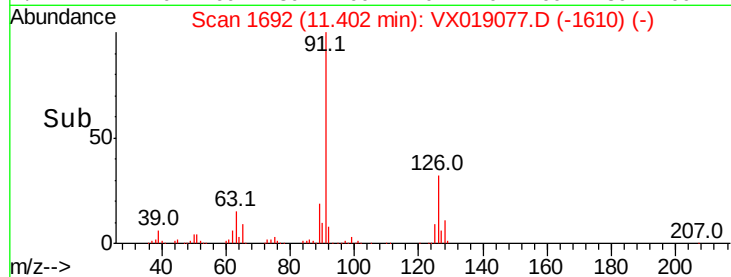
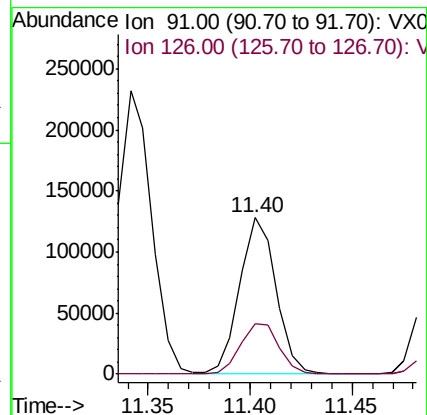
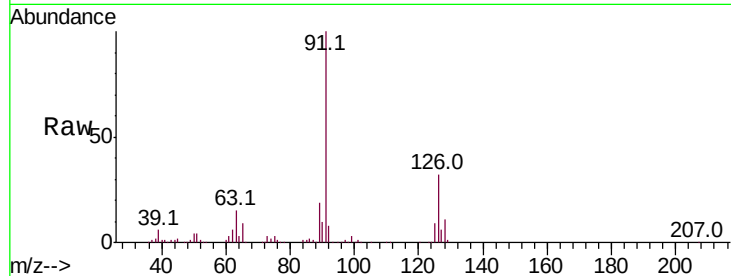
VX1023WBS01

Tot Ion: 91 Resp: 159053

Ion Ratio Lower Upper

91 100

126 33.7 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.801 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019077.D

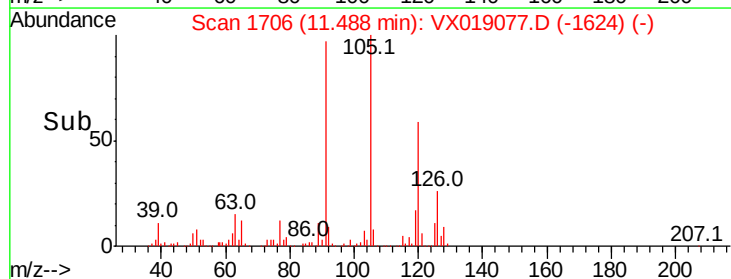
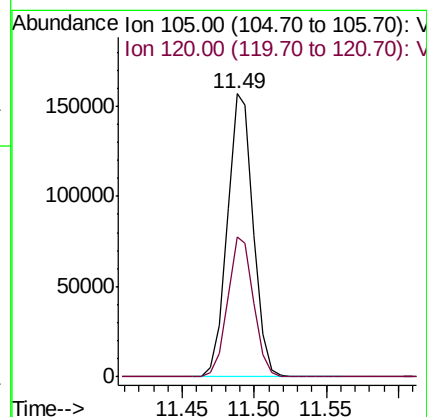
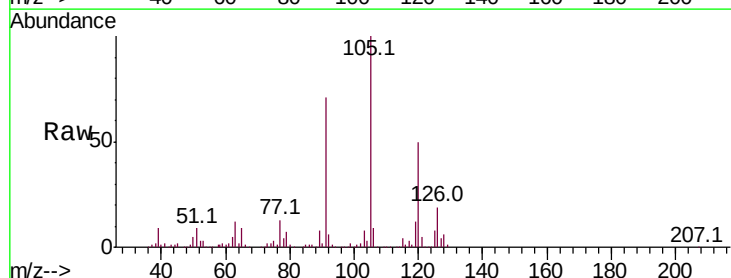
Acq: 23 Oct 2020 14:03

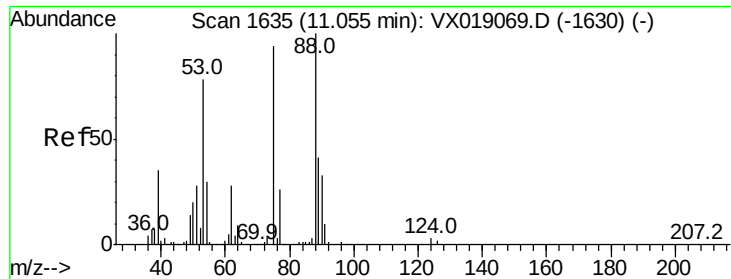
Tgt Ion: 105 Resp: 198505

Ion Ratio Lower Upper

105 100

120 49.3 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.884 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

VX1023WBS01

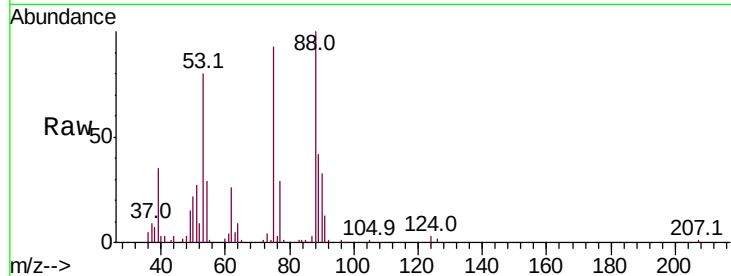
Tot Ion: 75 Resp: 23991

Ion Ratio Lower Upper

75 100

53 86.6 41.6 124.8

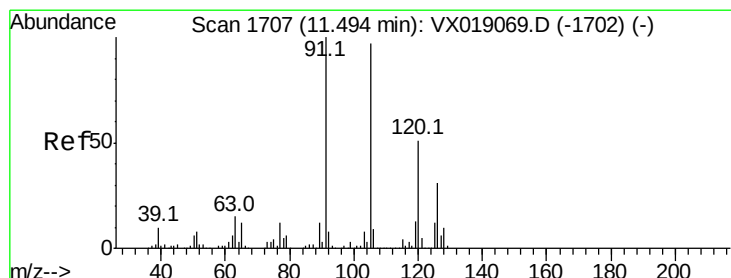
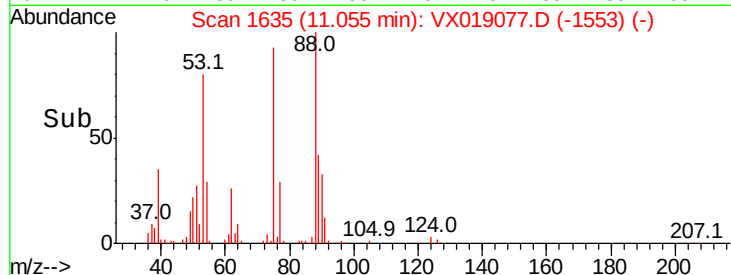
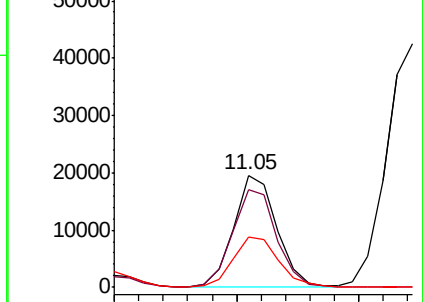
89 45.5 21.8 65.3



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: 18.854 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019077.D

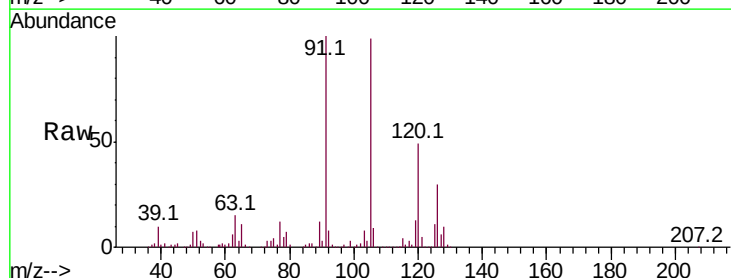
Acq: 23 Oct 2020 14:03

Tgt Ion: 91 Resp: 184630

Ion Ratio Lower Upper

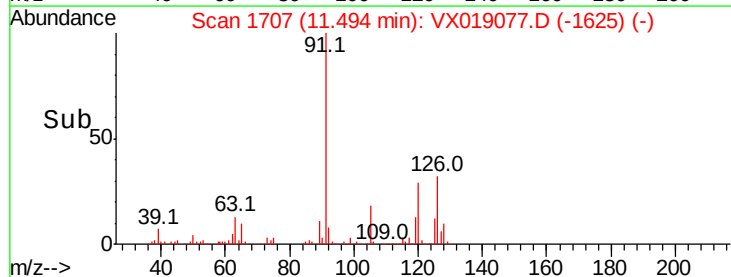
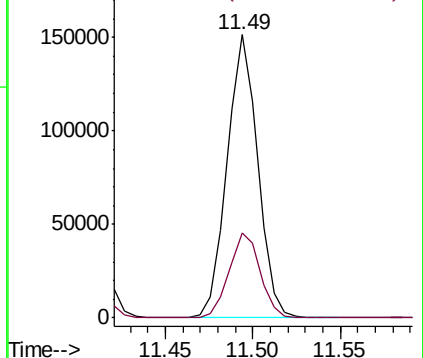
91 100

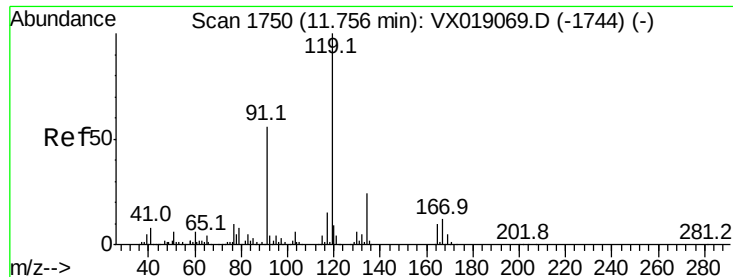
126 30.5 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

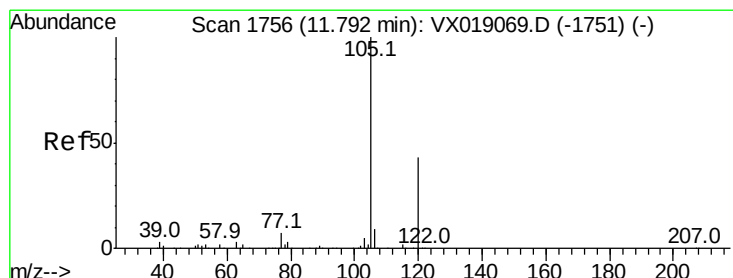
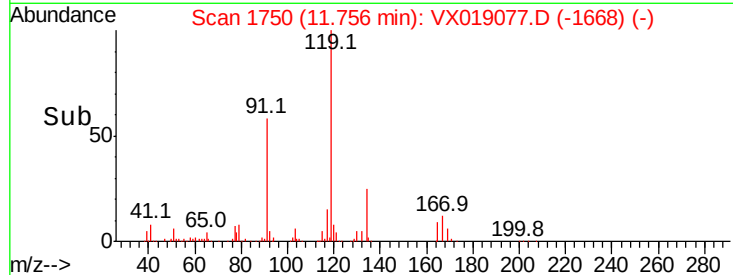
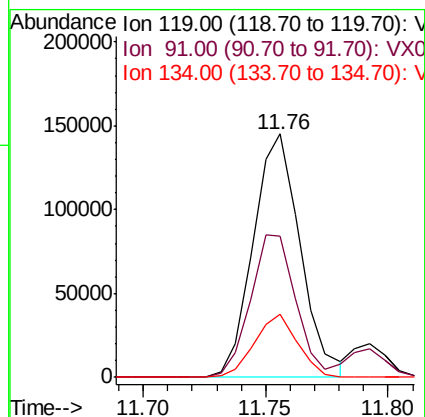
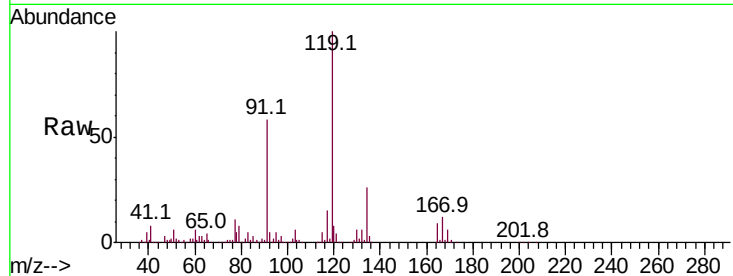




#79
tert-butylbenzene
Concen: 18.650 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

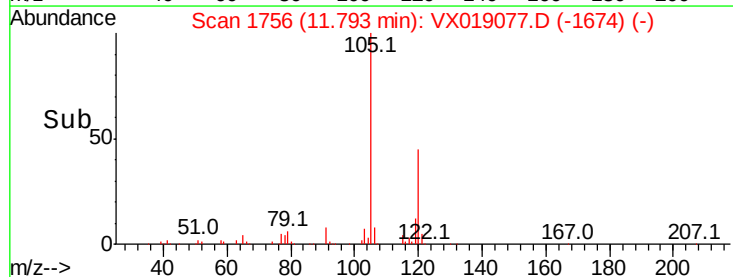
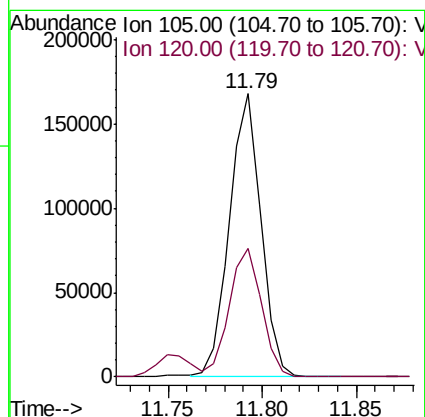
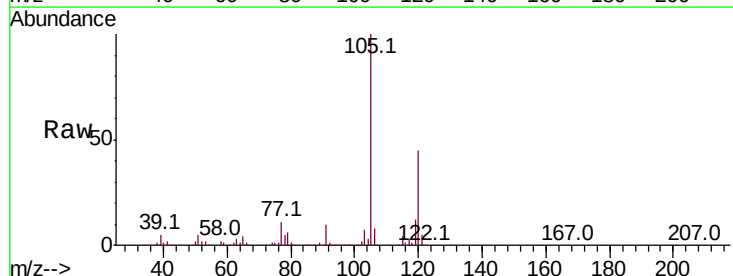
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

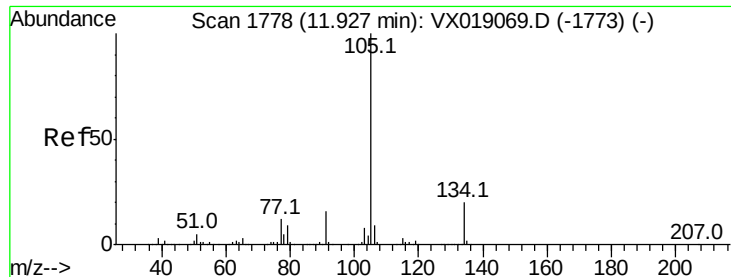
Tot Ion:119 Resp: 193898
Ion Ratio Lower Upper
119 100
91 56.7 0.0 111.4
134 23.8 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.624 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019077.D
Acq: 23 Oct 2020 14:03

Tgt Ion:105 Resp: 195459
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.0





#81

sec-Butylbenzene

Concen: 18.950 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

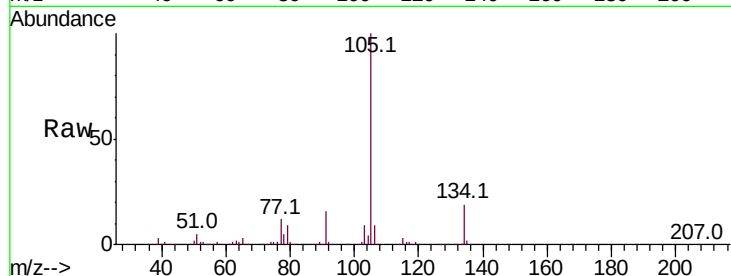
VX1023WBS01

Tot Ion:105 Resp: 233121

Ion Ratio Lower Upper

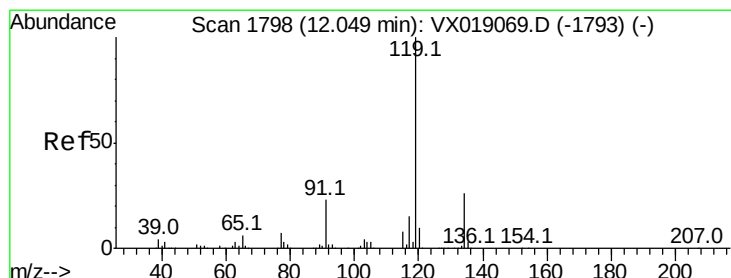
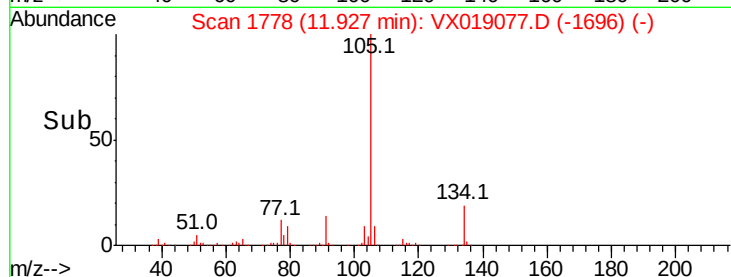
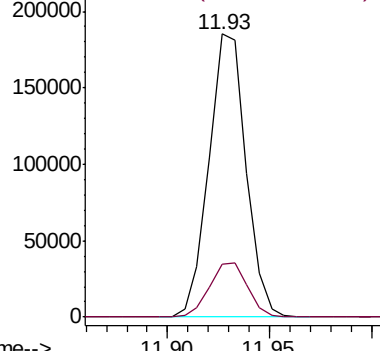
105 100

134 20.0 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: 18.700 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

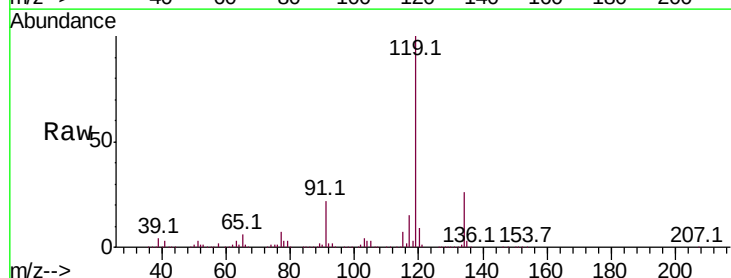
Tgt Ion:119 Resp: 212014

Ion Ratio Lower Upper

119 100

134 26.1 0.0 52.0

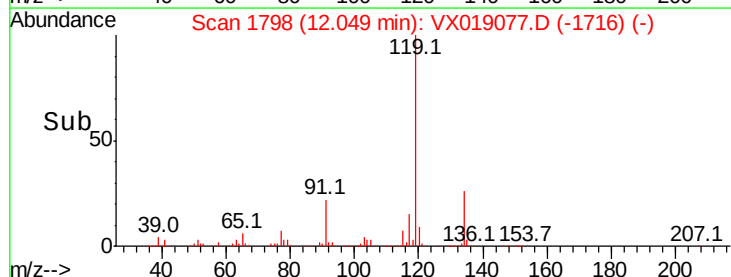
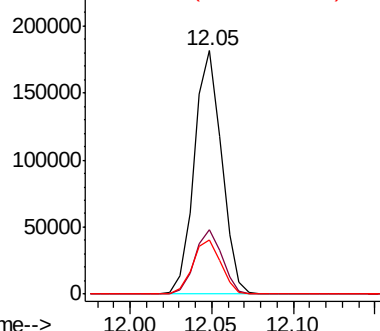
91 22.8 0.0 45.6

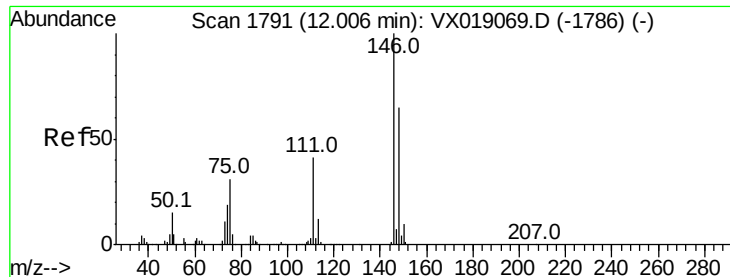


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.020 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

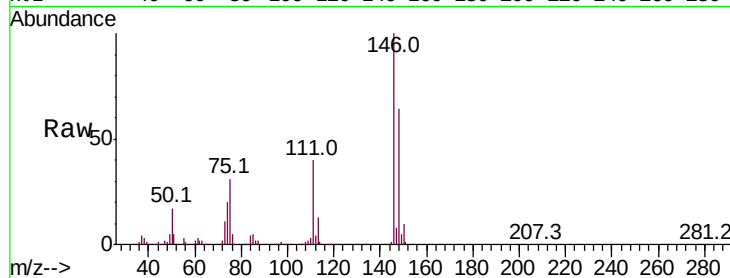
Tot Ion:146 Resp: 102412

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

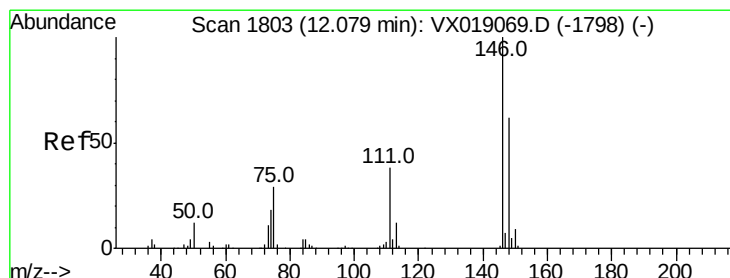
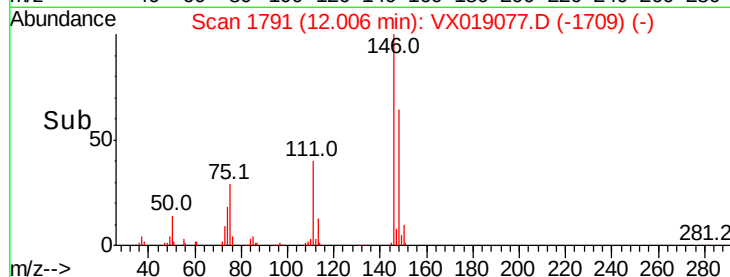
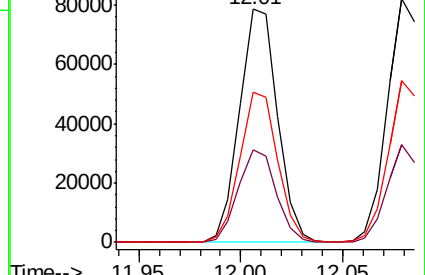
148 64.0 32.2 96.6



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



#84

1,4-Dichlorobenzene

Concen: 17.984 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

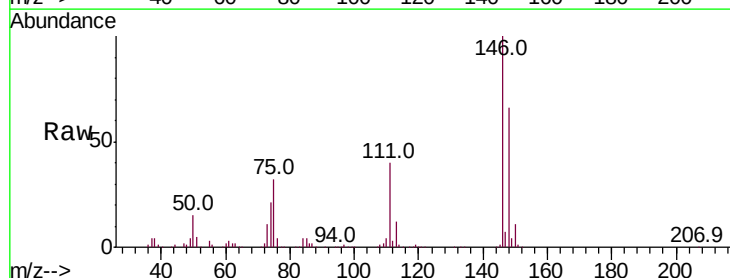
Tgt Ion:146 Resp: 103774

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

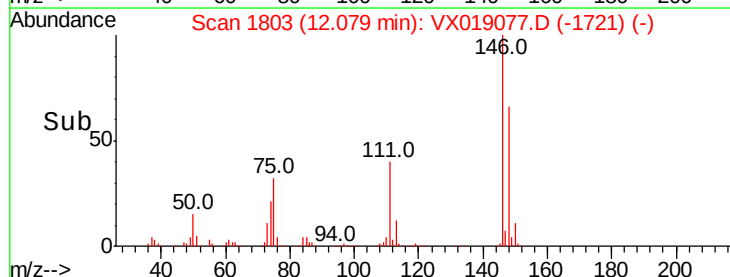
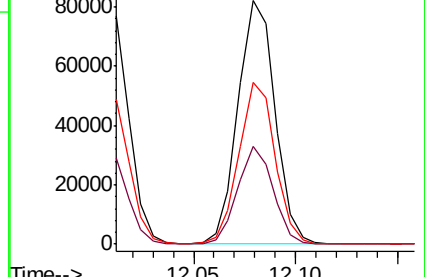
148 65.0 31.6 95.0

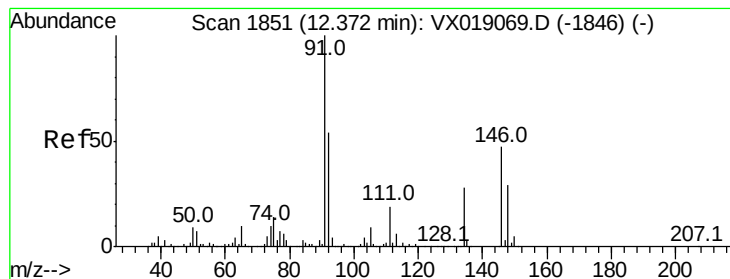


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.594 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

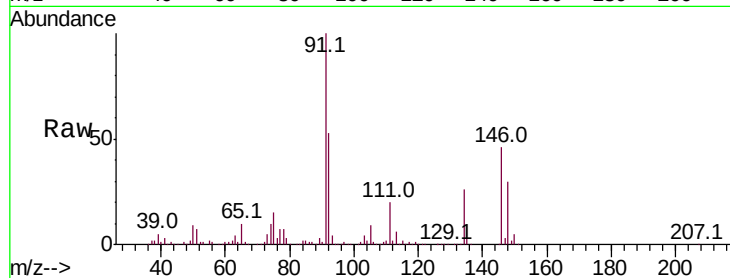
Tot Ion: 91 Resp: 188759

Ion Ratio Lower Upper

91 100

92 54.0 0.0 107.4

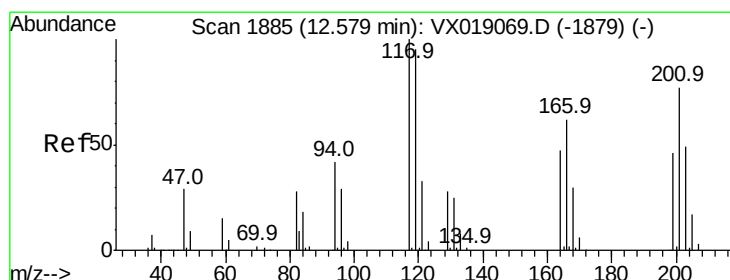
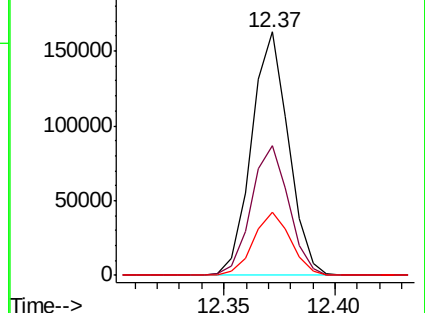
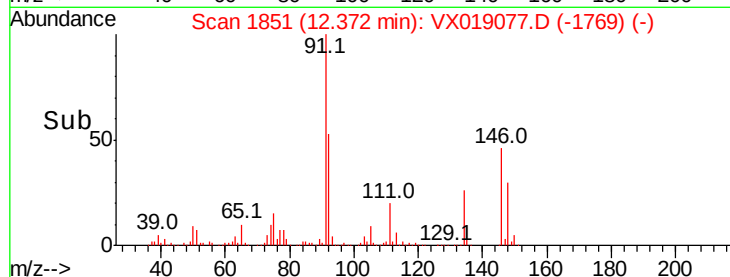
134 26.0 0.0 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX019069.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019069.D (-1846) (-)



#86

Hexachloroethane

Concen: 17.976 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019077.D

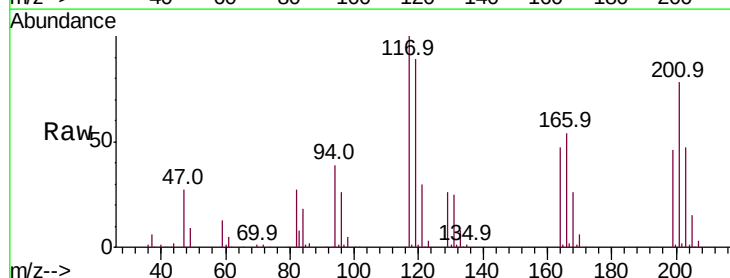
Acq: 23 Oct 2020 14:03

Tgt Ion: 117 Resp: 31304

Ion Ratio Lower Upper

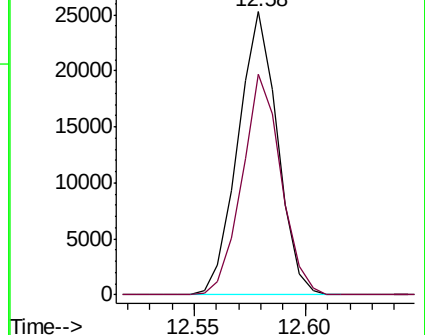
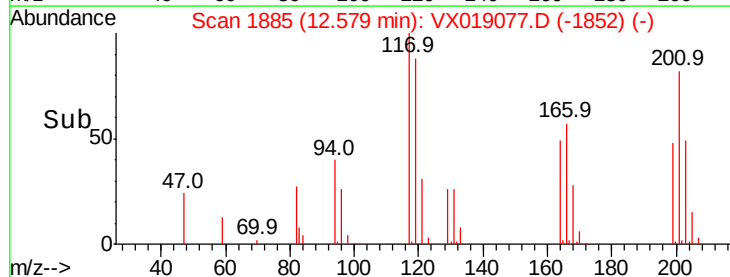
117 100

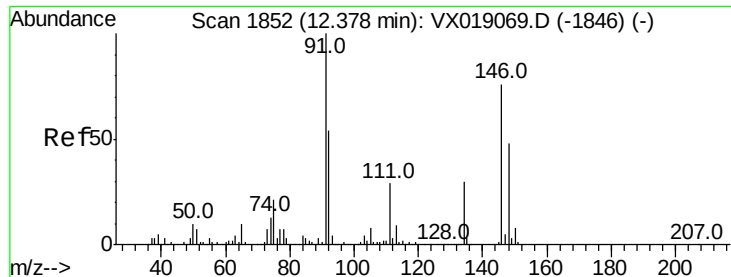
201 76.7 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019069.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019069.D (-1879) (-)





#87

1,2-Dichlorobenzene

Concen: 18.262 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

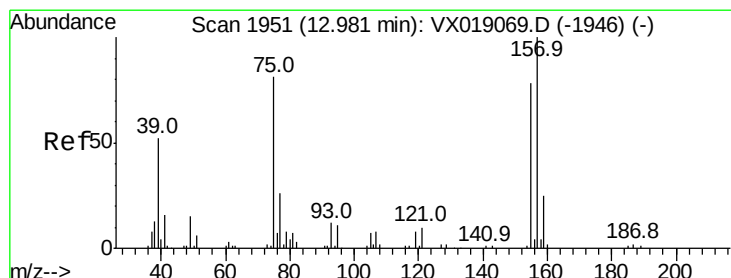
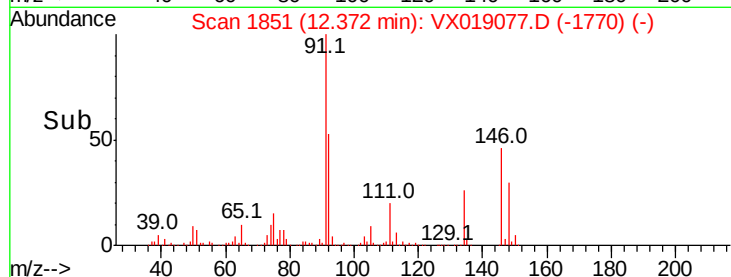
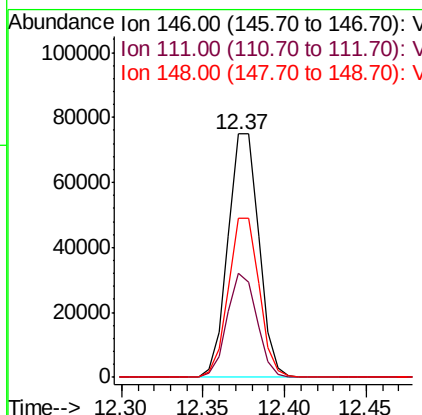
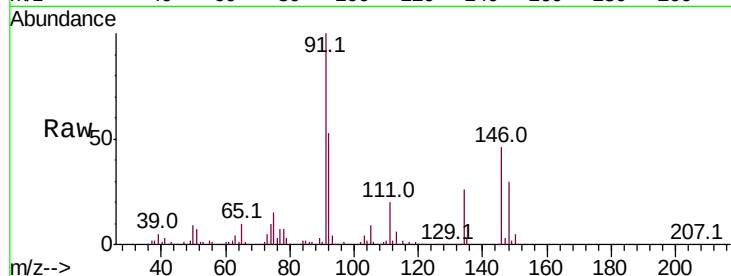
Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :
MSVOA_X
ClientSampled :
VX1023WBS01

Tot Ion:146 Resp: 99361

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.8	32.1	96.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.405 ug/l

RT: 12.98 min Scan# 1951

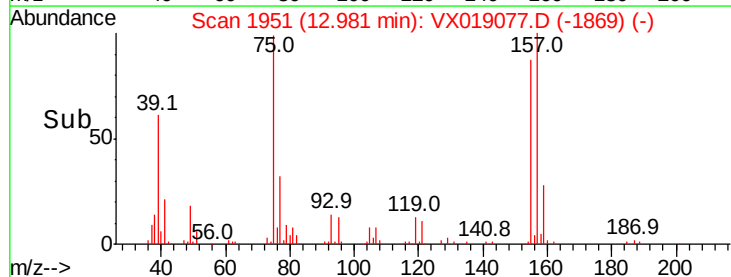
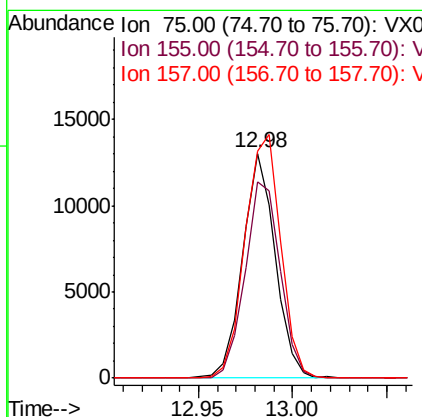
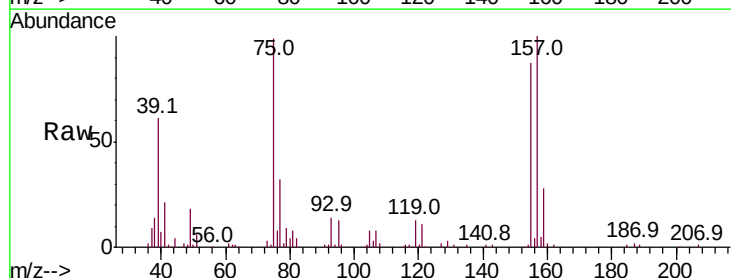
Delta R.T. 0.00 min

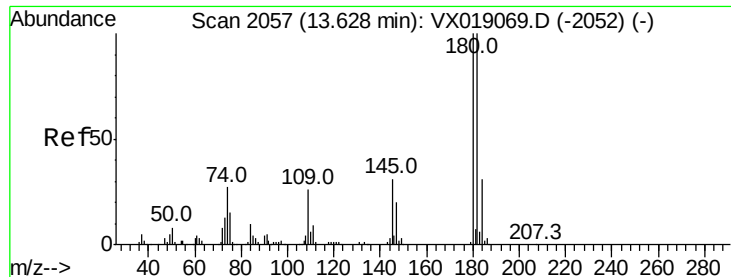
Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Tgt Ion: 75 Resp: 15647

Ion	Ratio	Lower	Upper
75	100		
155	94.3	73.7	110.5
157	118.0	96.5	144.7

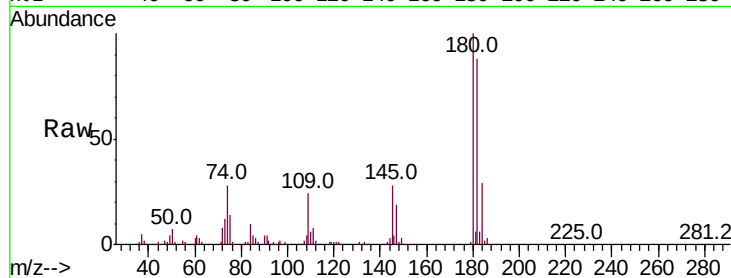




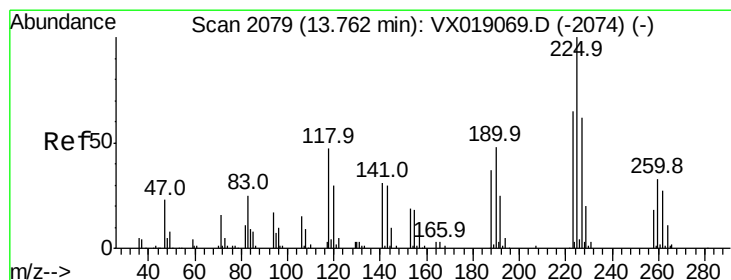
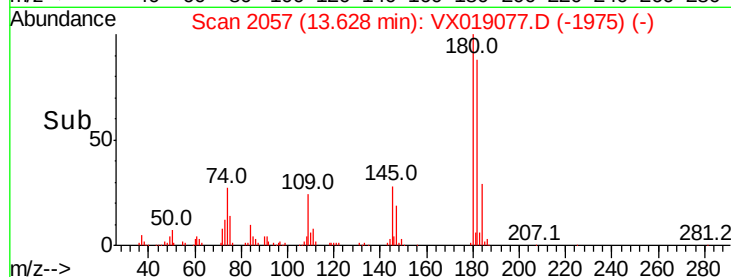
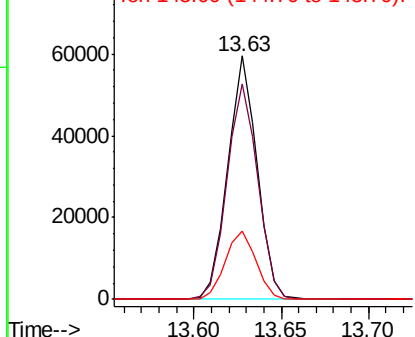
#89
 1,2,4-Trichlorobenzene
 Concen: 17.701 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Tot Ion:180 Resp: 69307
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.5 114.7
 145 29.5 24.2 36.4

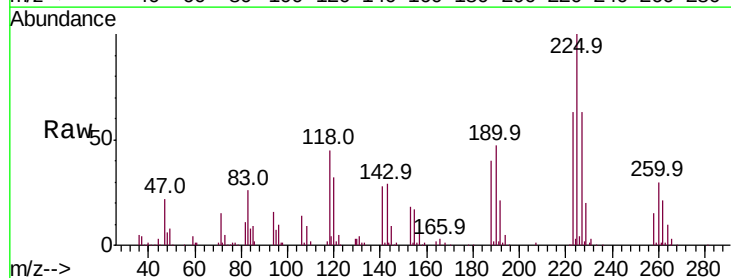


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

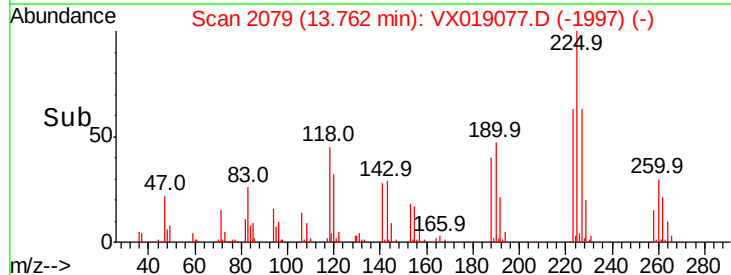
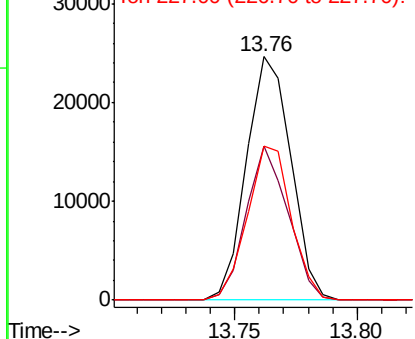


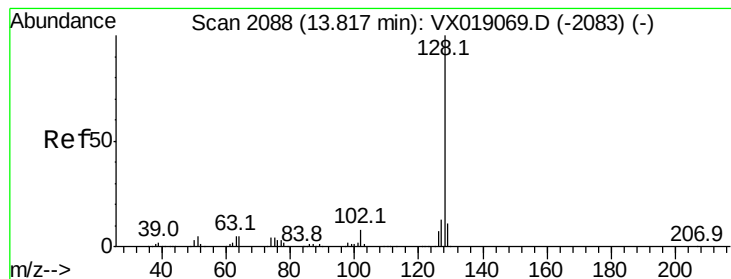
#90
 Hexachlorobutadiene
 Concen: 18.764 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019077.D
 Acq: 23 Oct 2020 14:03

Tgt Ion:225 Resp: 31151
 Ion Ratio Lower Upper
 225 100
 223 60.0 0.0 130.0
 227 62.7 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: 18.092 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

Instrument :

MSVOA_X

ClientSampled :

VX1023WBS01

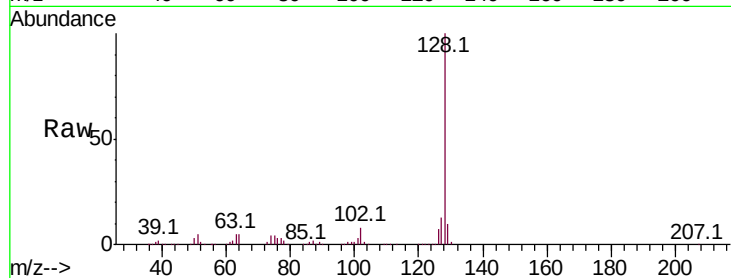
Tot Ion:128 Resp: 231905

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

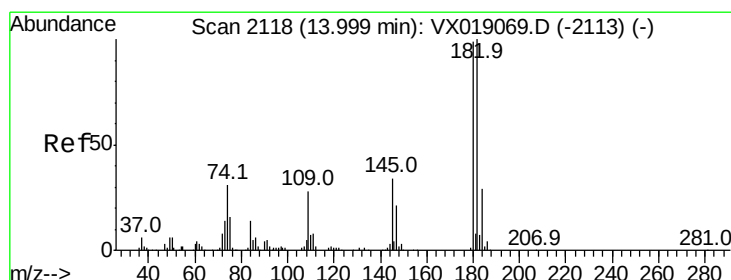
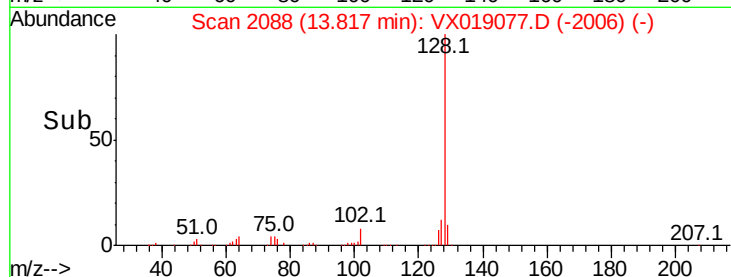
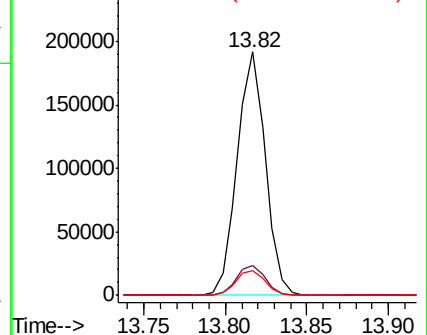
129 10.6 8.9 13.3



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: 17.846 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019077.D

Acq: 23 Oct 2020 14:03

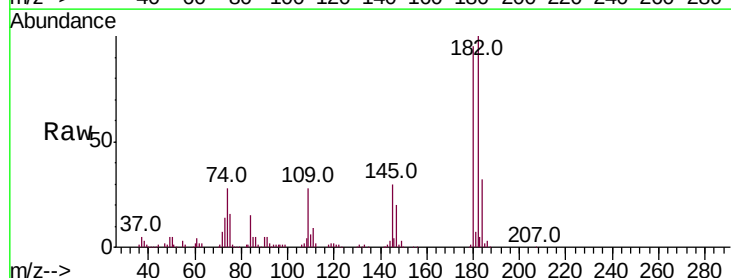
Tgt Ion:180 Resp: 67216

Ion Ratio Lower Upper

180 100

182 99.1 0.0 192.4

145 32.1 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

