

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019082.D
 Acq On : 23 Oct 2020 17:38
 Operator : JC/SP
 Sample : L4489-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

Quant Time: Oct 26 04:16:51 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	38305	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	213249	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	188001	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	79569	31.19	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.97%
60) 4-Bromofluorobenzene	11.12	95	84704	30.02	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.07%
63) Toluene-d8	8.70	98	250253	30.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.50%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	1.18	85	1380	0.717	ug/l	94
4) Vinyl Chloride	1.39	62	596	0.261	ug/l	88
6) Chloroethane	1.72	64	1406	0.910	ug/l	95
8) Diethyl Ether	2.17	74	14074	9.459	ug/l	97
11) Methyl Iodide	2.50	142	506	7.542	ug/l #	83
13) Acrolein	1.89	56	110	0.626	ug/l	85
15) Acetone	2.42	58	2110	8.213	ug/l	95
16) Carbon Disulfide	2.56	76	1197	0.223	ug/l #	84
17) Allyl chloride	2.68	41	764	0.317	ug/l #	35
18) Methylene Chloride	2.83	84	476	0.216	ug/l #	83
21) 1,1-Dichloroethane	3.67	63	2653	0.741	ug/l #	85
23) tert-Butyl Alcohol	3.00	59	98964	227.624	ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	4009	0.658	ug/l #	83
30) 2-Butanone	4.64	43	8365	6.980	ug/l #	68
31) 2,2-Dichloropropane	4.64	77	9976	2.898	ug/l #	51
34) Benzene	6.11	78	6999	0.791	ug/l #	92
44) Isopropyl Acetate	6.41	43	885	0.210	ug/l #	51
45) 1,4-Dioxane	7.71	88	9210	208.124	ug/l	100
51) Ethyl methacrylate	9.60	69	773	0.229	ug/l	82
56) Bromoform	11.12	173	669	0.372	ug/l #	1
58) 4-Methyl-2-Pentanone	8.59	43	3159	1.332	ug/l #	39
62) Toluene	8.77	91	5799	0.587	ug/l	93
64) Chlorobenzene	10.12	112	41199	6.708	ug/l	100
66) Ethyl Benzene	10.24	91	9083	0.838	ug/l	93
67) m/p-Xylenes	10.34	106	11111	2.690	ug/l	97
68) o-Xylene	10.68	106	9305	2.362	ug/l	98
70) Isopropylbenzene	11.00	105	7024	0.663	ug/l	99
74) n-propylbenzene	11.34	91	2559	0.213	ug/l	97
75) 2-Chlorotoluene	11.40	91	3880	0.572	ug/l	96
77) t-1,4-Dichloro-2-butene	11.05	75	455	0.417	ug/l #	36
80) 1,2,4-Trimethylbenzene	11.79	105	8655	1.013	ug/l	99
82) p-Isopropyltoluene	12.05	119	2774	0.300	ug/l	91
84) 1,4-Dichlorobenzene	12.08	146	31967	6.804	ug/l	95
85) n-Butylbenzene	12.28	91	2724	0.330	ug/l	54
87) 1,2-Dichlorobenzene	12.38	146	2446	0.552	ug/l	99
91) Naphthalene	13.82	128	46858	4.490	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019082.D
Acq On : 23 Oct 2020 17:38
Operator : JC/SP
Sample : L4489-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

Quant Time: Oct 26 04:16:51 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

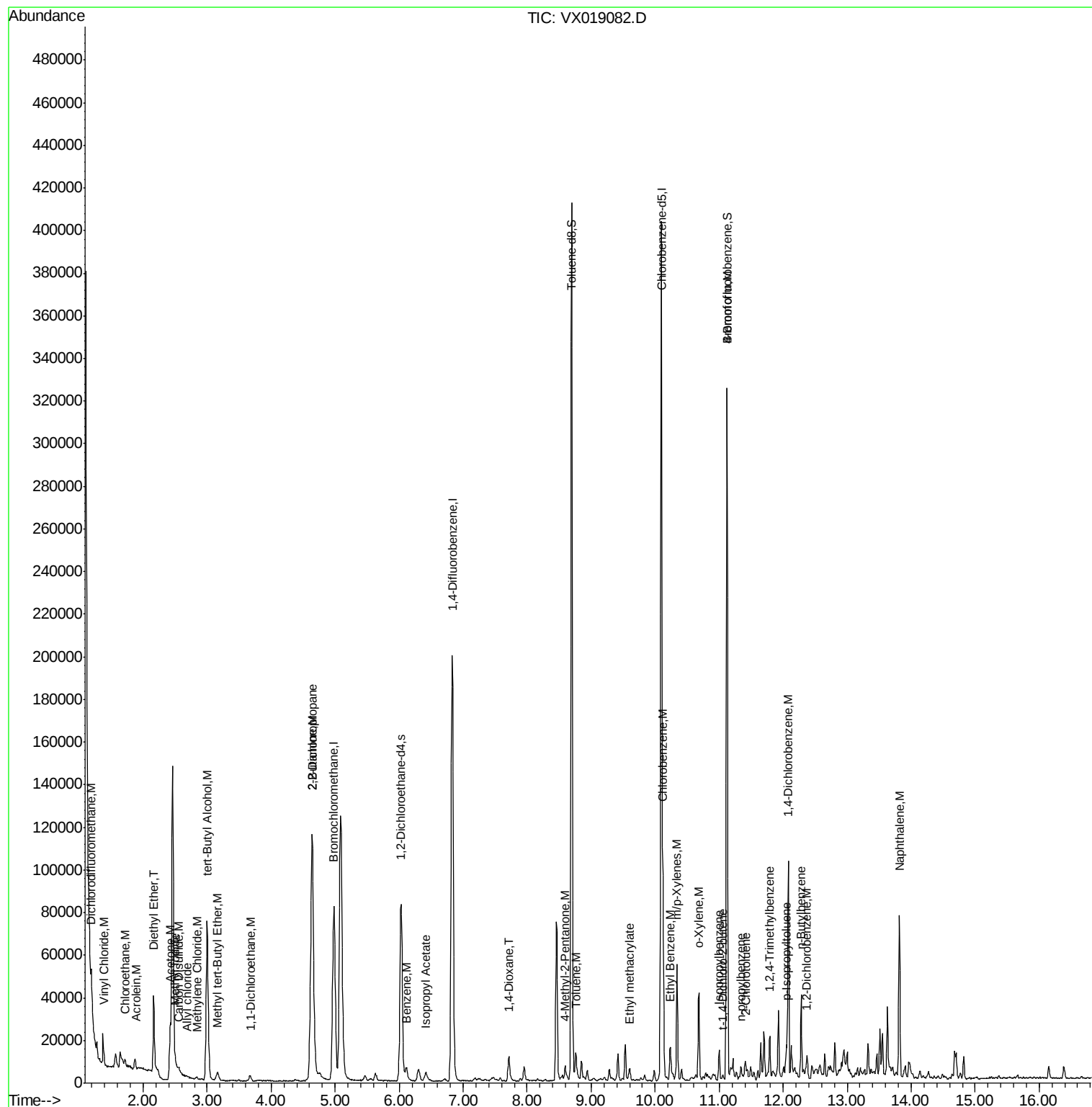
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

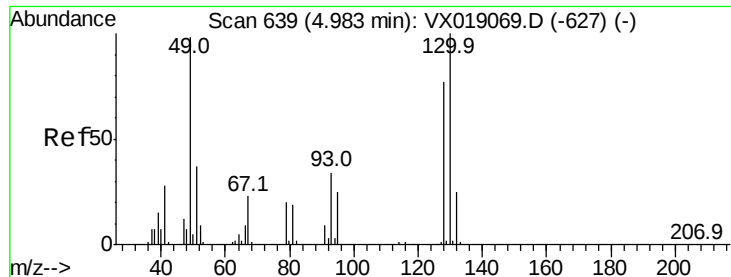
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019082.D
Acq On : 23 Oct 2020 17:38
Operator : JC/SP
Sample : L4489-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

Quant Time: Oct 26 04:16:51 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

201021075-01-VOA

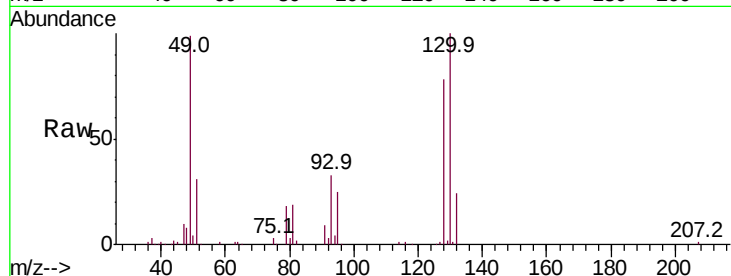
Tot Ion:128 Resp: 38305

Ion Ratio Lower Upper

128 100

49 129.9 0.0 318.8

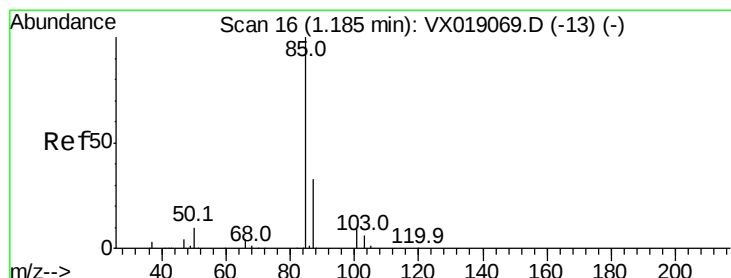
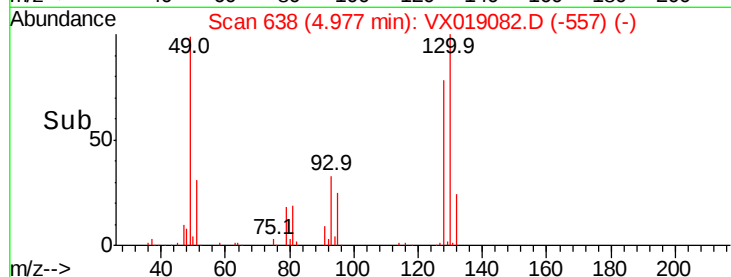
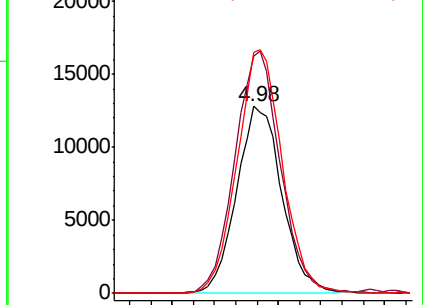
130 129.6 0.0 321.8



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: 0.717 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019082.D

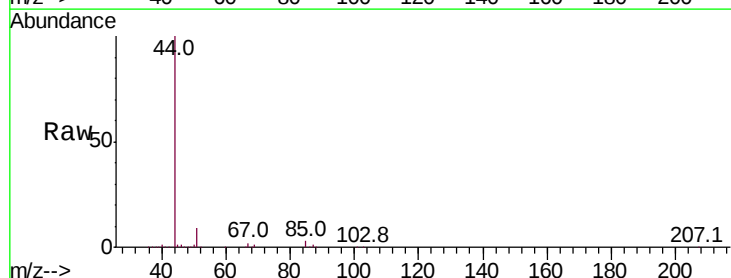
Acq: 23 Oct 2020 17:38

Tgt Ion: 85 Resp: 1380

Ion Ratio Lower Upper

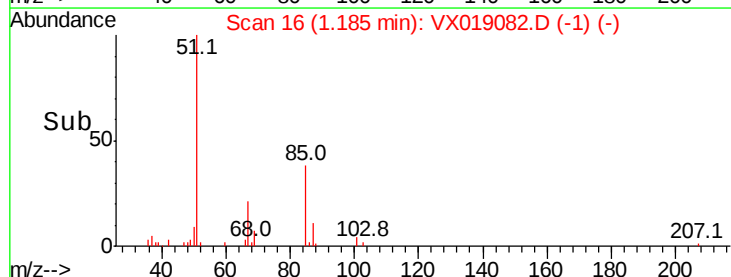
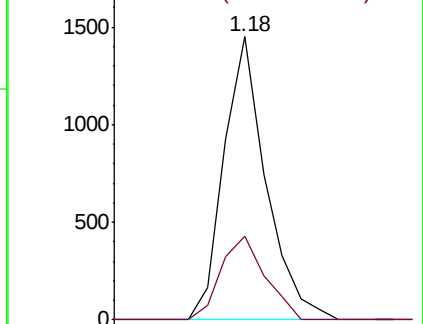
85 100

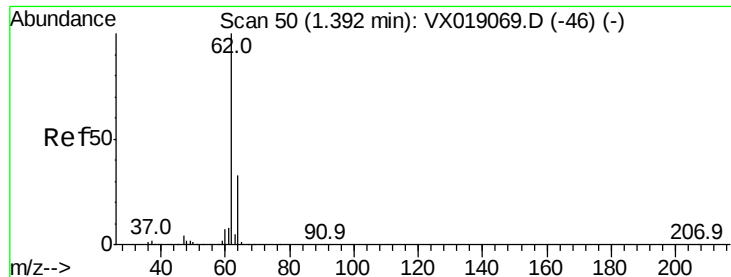
87 29.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#4

Vinyl Chloride

Concen: 0.261 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

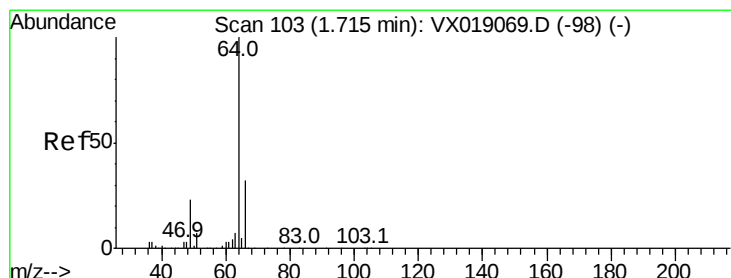
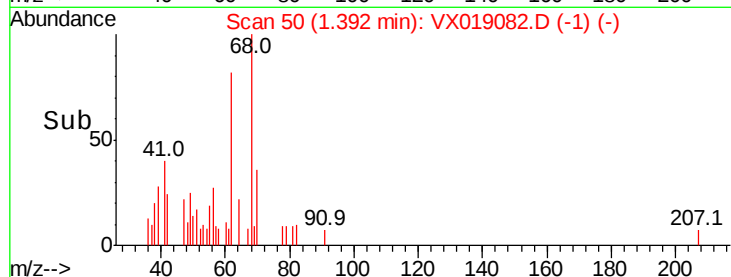
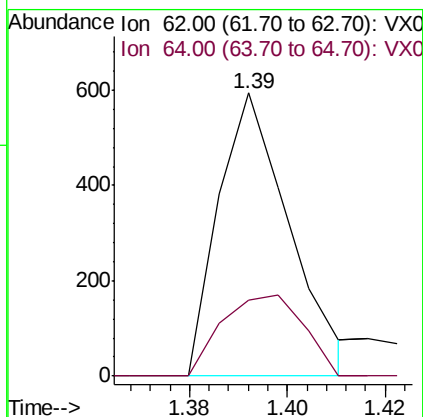
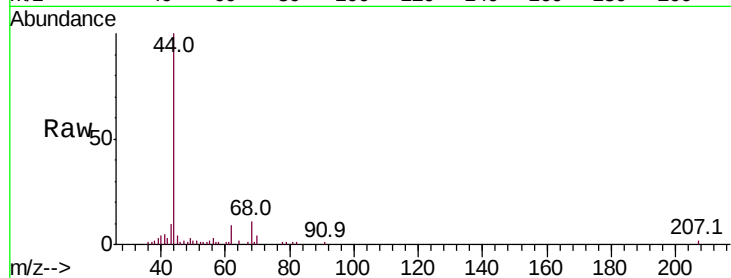
201021075-01-VOA

Tot Ion: 62 Resp: 596

Ion Ratio Lower Upper

62 100

64 26.8 26.7 40.1



#6

Chloroethane

Concen: 0.910 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019082.D

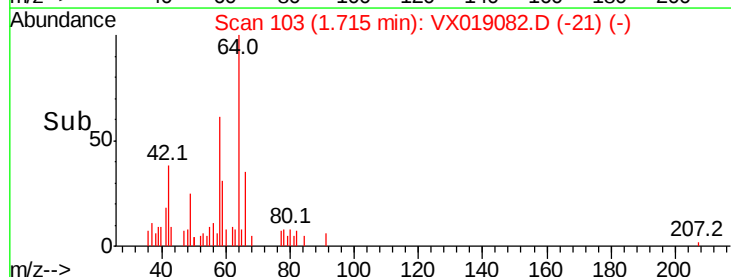
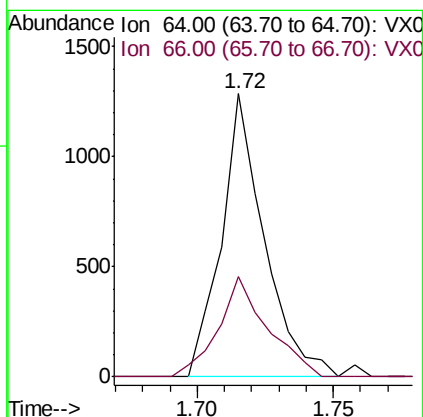
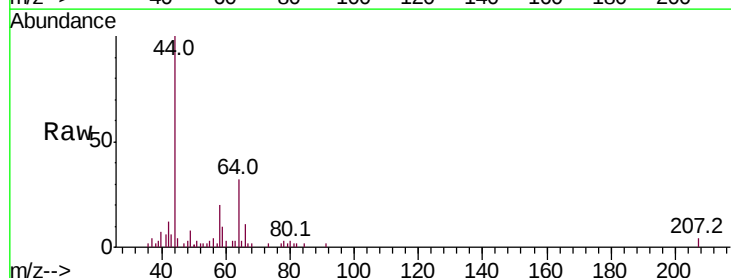
Acq: 23 Oct 2020 17:38

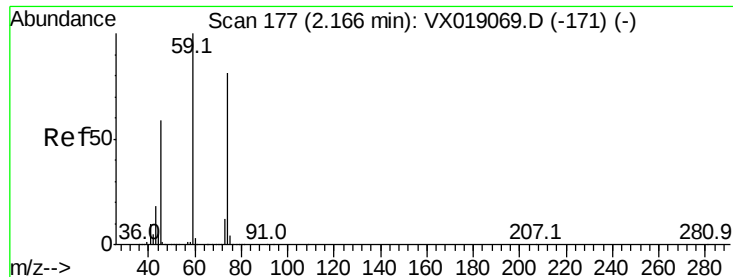
Tgt Ion: 64 Resp: 1406

Ion Ratio Lower Upper

64 100

66 35.4 25.9 38.9





#8

Diethyl Ether

Concen: 9.459 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

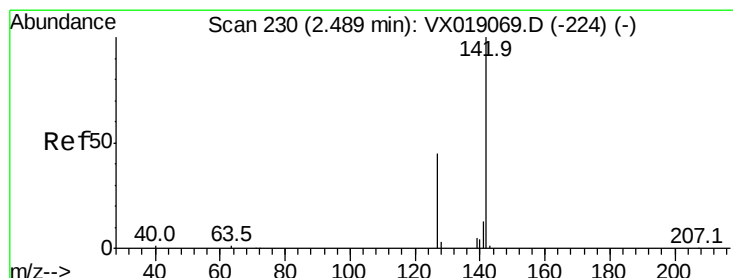
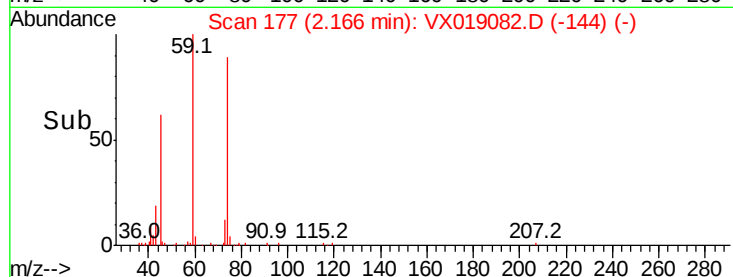
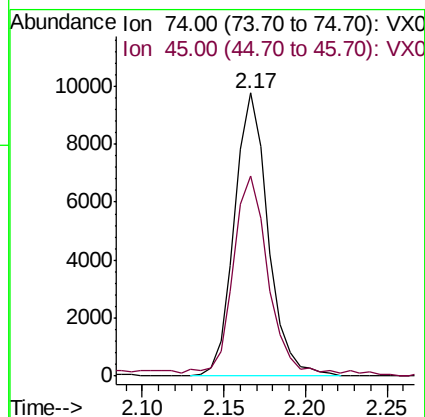
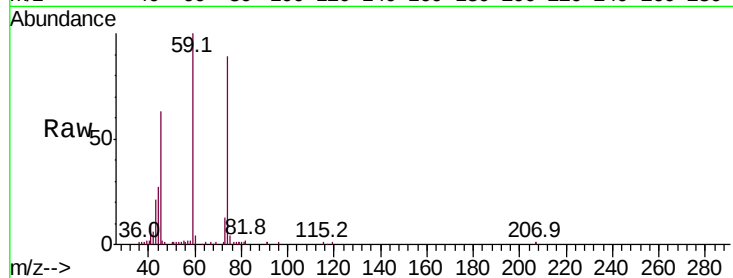
201021075-01-VOA

Tot Ion: 74 Resp: 14074

Ion Ratio Lower Upper

74 100

45 69.8 14.5 130.7



#11

Methyl Iodide

Concen: 7.542 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

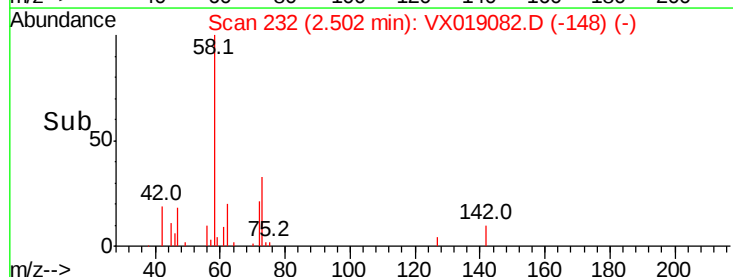
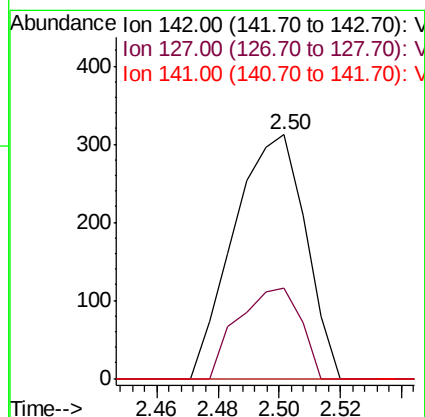
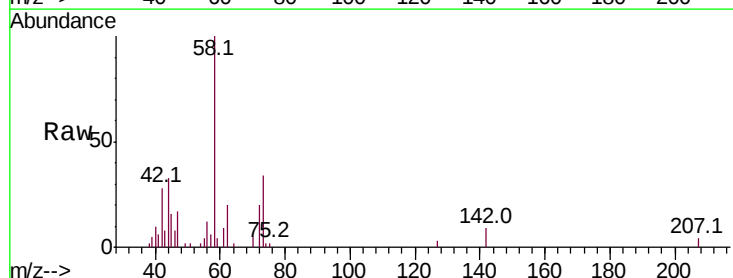
Tgt Ion:142 Resp: 506

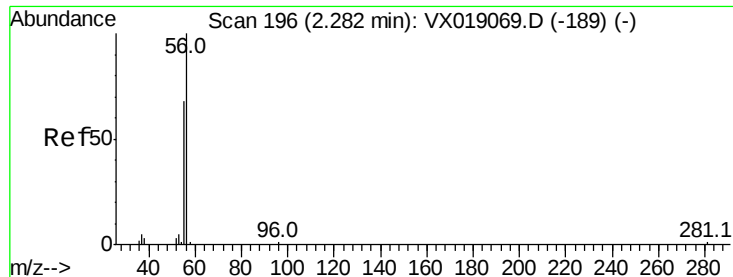
Ion Ratio Lower Upper

142 100

127 37.2 22.6 67.7

141 0.0 6.3 19.1#





#13

Acrolein

Concen: 0.626 ug/l

RT: 1.89 min Scan# 132

Delta R.T. -0.39 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

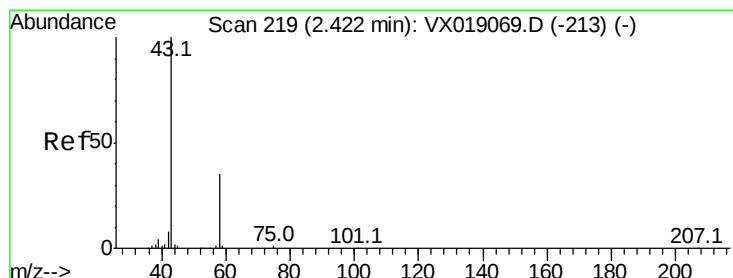
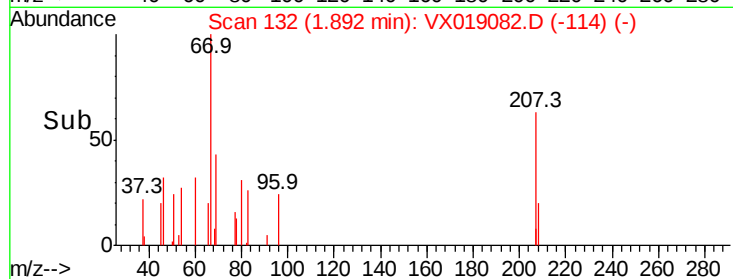
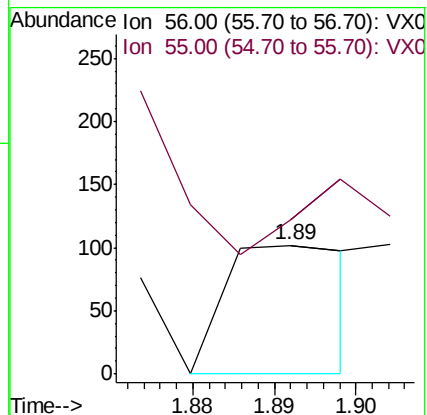
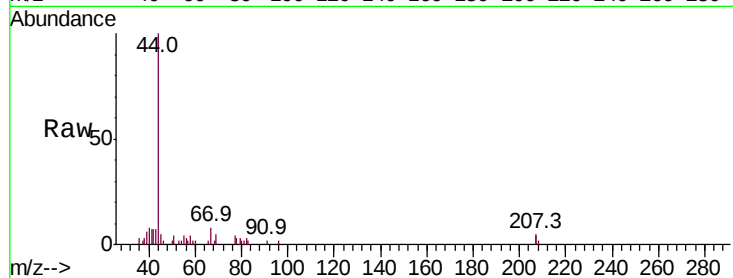
201021075-01-VOA

Tot Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 60.0 58.2 87.2



#15

Acetone

Concen: 8.213 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019082.D

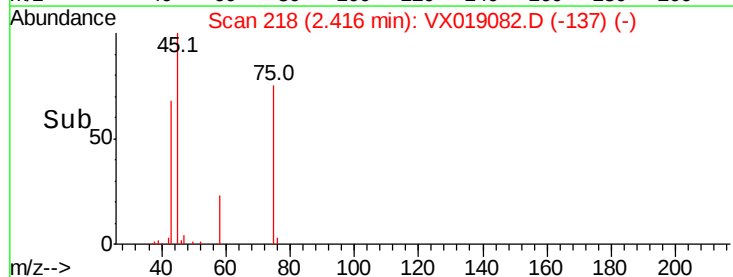
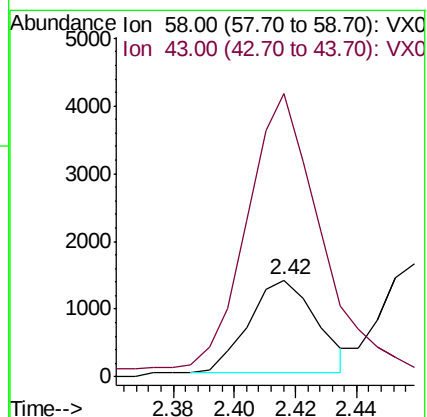
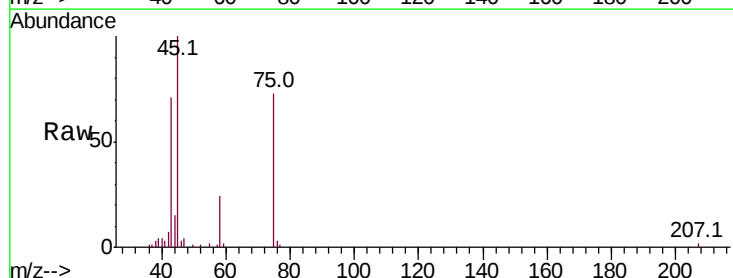
Acq: 23 Oct 2020 17:38

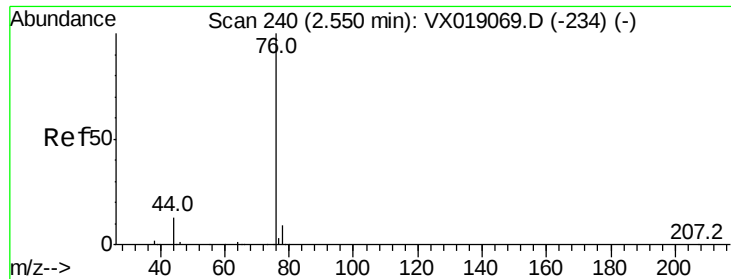
Tgt Ion: 58 Resp: 2110

Ion Ratio Lower Upper

58 100

43 292.3 226.7 340.1

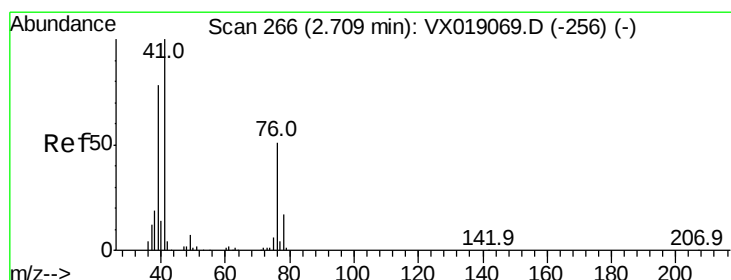
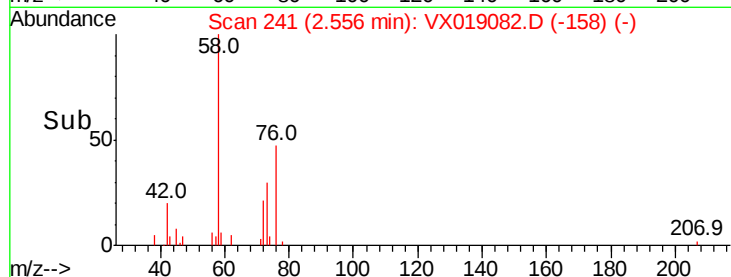
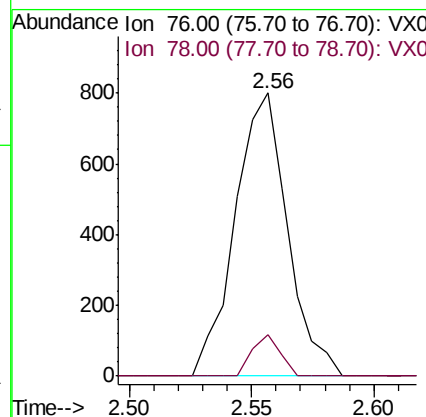
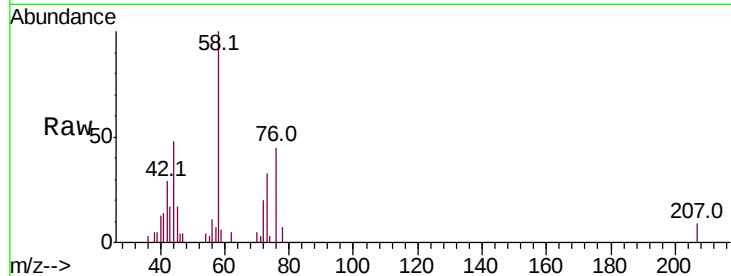




#16
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

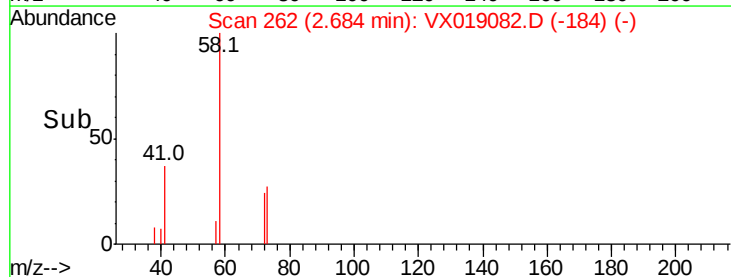
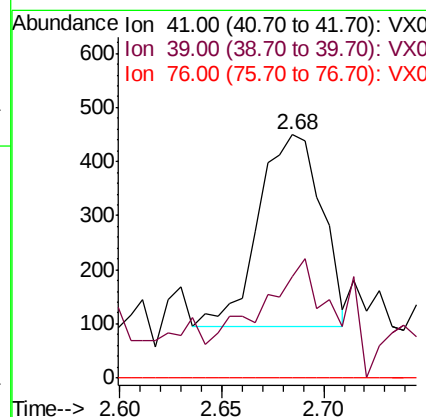
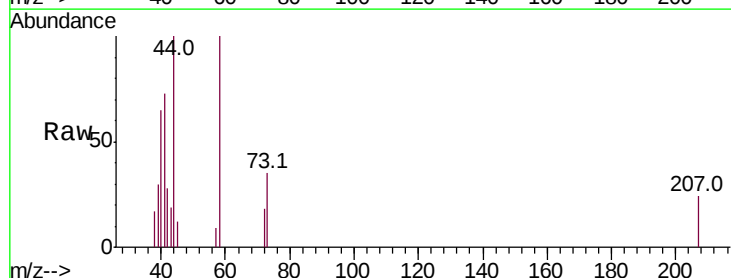
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

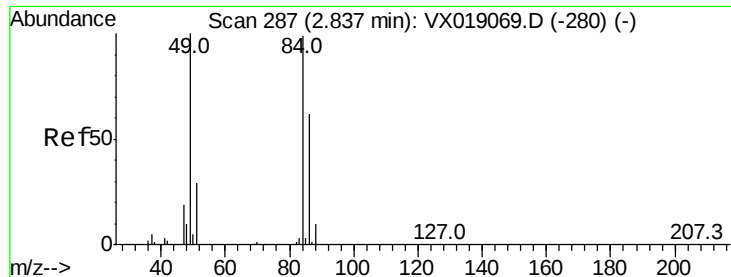
Tot Ion: 76 Resp: 1197
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#



#17
Allyl chloride
Concen: 0.317 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

Tgt Ion: 41 Resp: 764
Ion Ratio Lower Upper
41 100
39 26.2 38.8 116.3#
76 0.0 25.8 77.4#

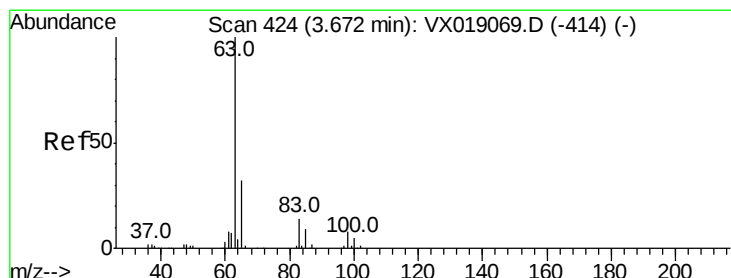
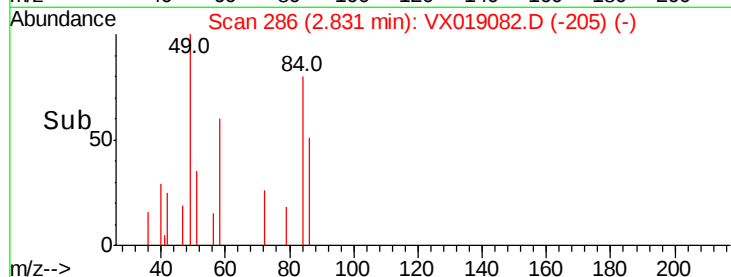
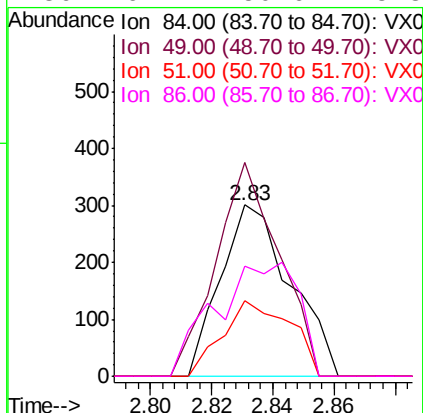
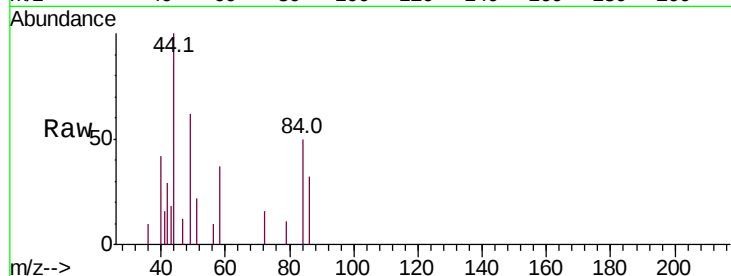




#18
Methvlene Chloride
Concen: 0.216 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

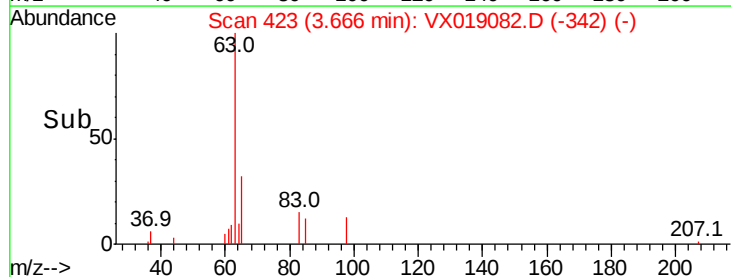
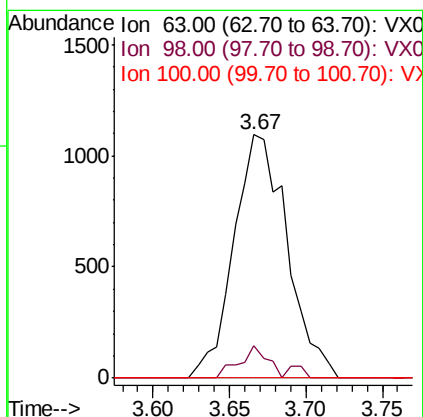
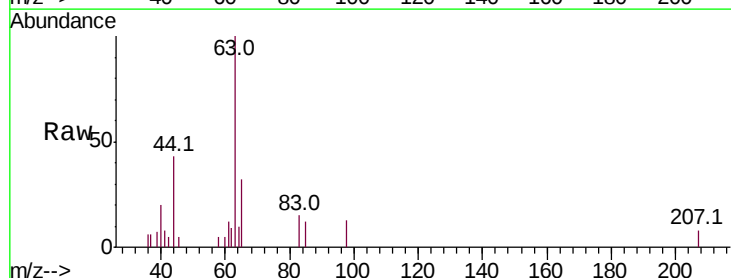
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

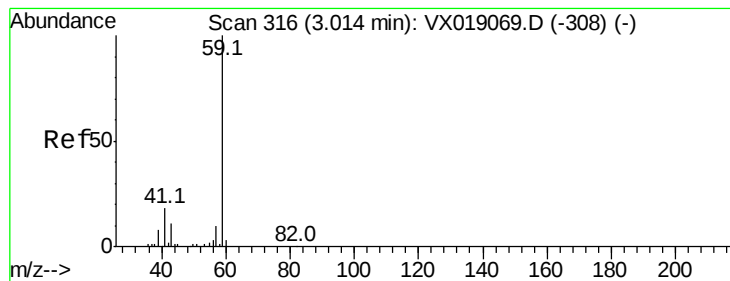
Tot Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 124.6 80.9 121.3#
51 44.2 23.8 35.6#
86 64.1 50.6 75.8



#21
1,1-Dichloroethane
Concen: 0.741 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

Tgt Ion: 63 Resp: 2653
Ion Ratio Lower Upper
63 100
98 13.1 3.9 11.7#
100 0.0 2.4 7.2#





#23

tert-Butyl Alcohol

Concen: 227.624 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

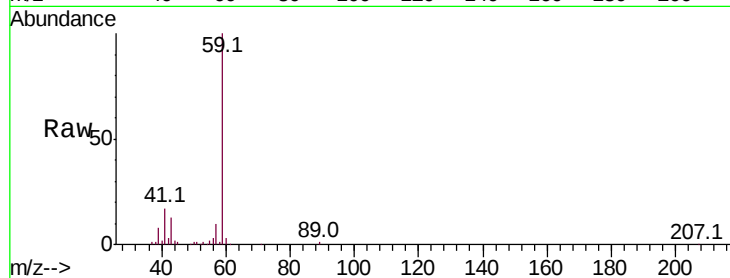
201021075-01-VOA

Tot Ion: 59 Resp: 98964

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

3.00

40000

30000

20000

10000

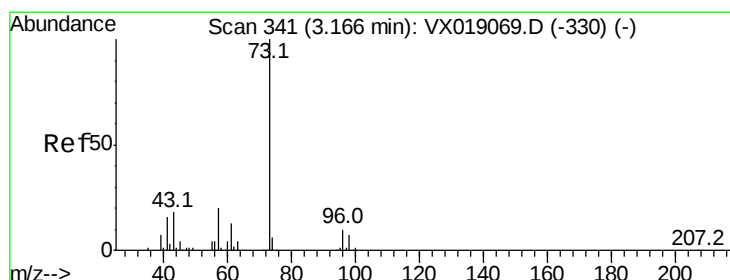
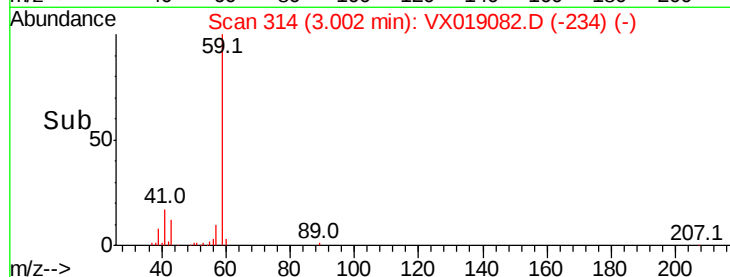
0

Time-->

2.90

3.00

3.10



#24

Methyl tert-Butyl Ether

Concen: 0.658 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019082.D

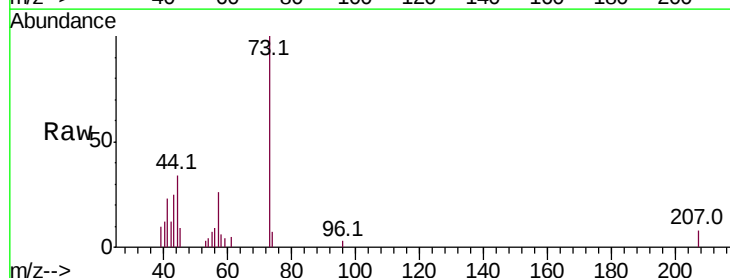
Acq: 23 Oct 2020 17:38

Tgt Ion: 73 Resp: 4009

Ion Ratio Lower Upper

73 100

43 24.8 13.9 20.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

2000

1500

1000

500

0

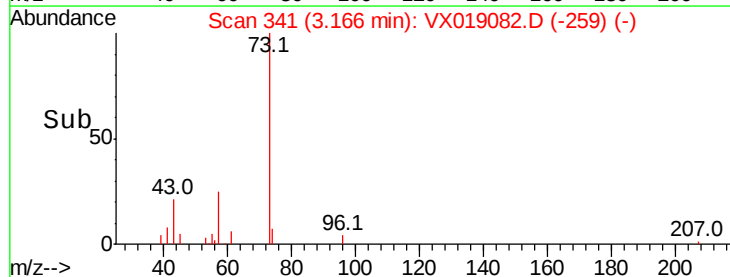
Time-->

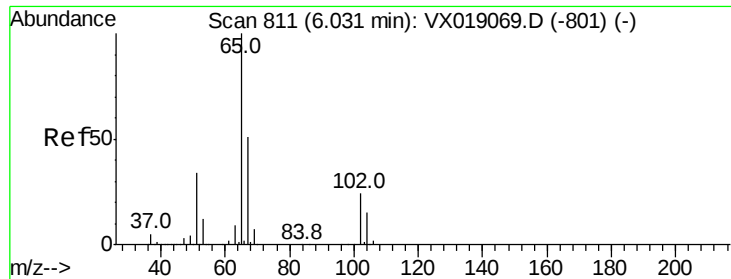
3.10

3.15

3.20

3.25





#27

1,2-Dichloroethane-d4

Concen: 31.187 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

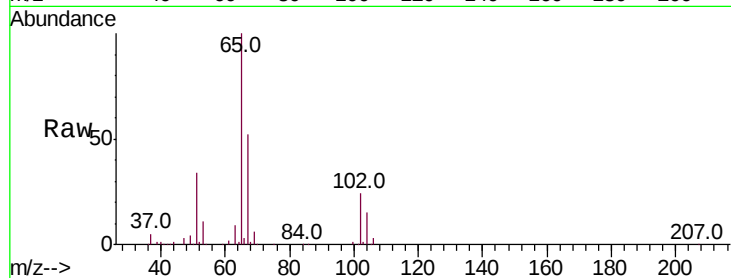
201021075-01-VOA

Tot Ion: 65 Resp: 79569

Ion Ratio Lower Upper

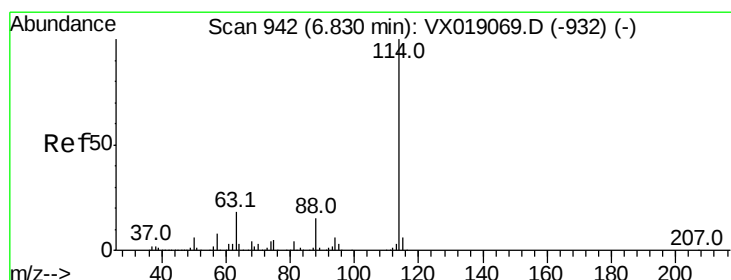
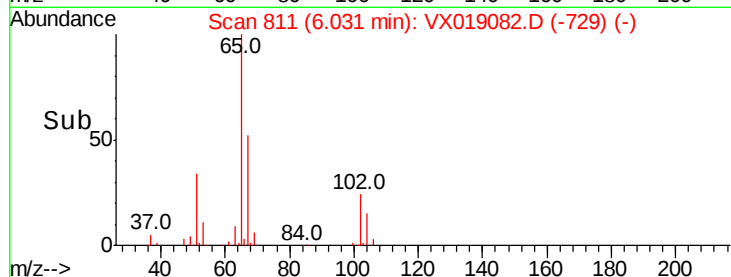
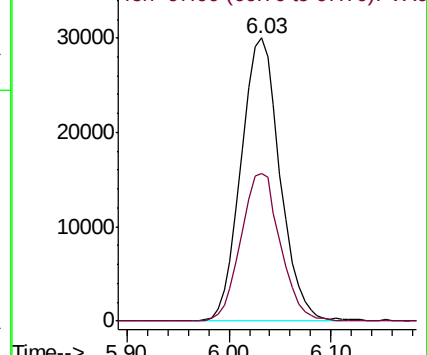
65 100

67 52.9 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

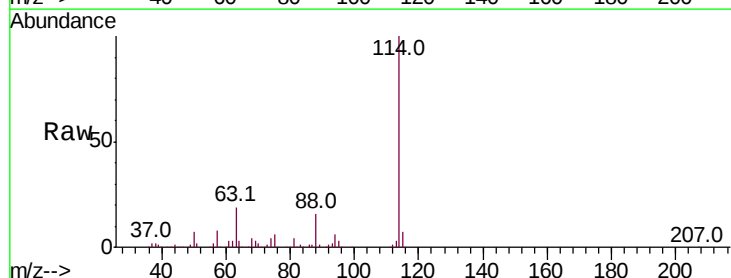
Tgt Ion:114 Resp: 213249

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

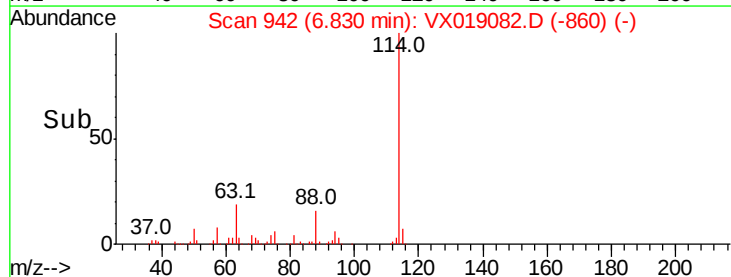
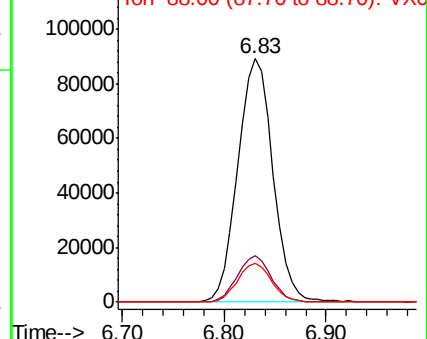
88 15.4 12.2 18.2

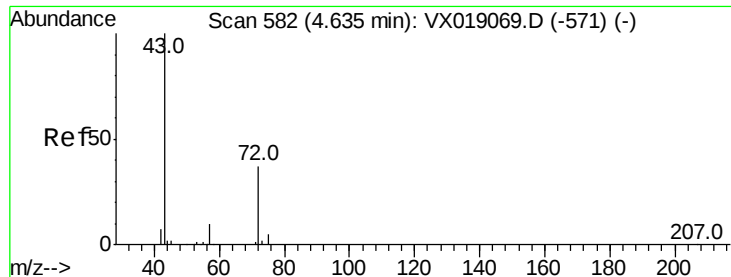


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

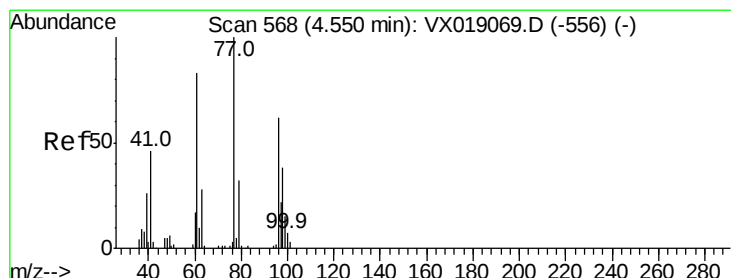
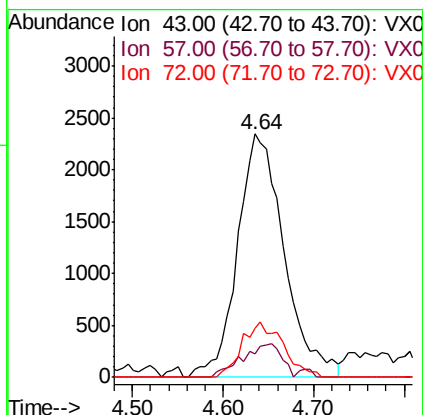
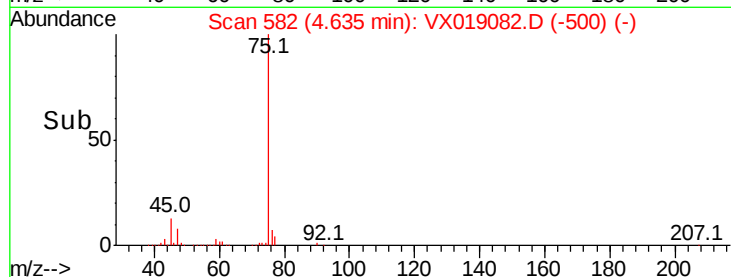
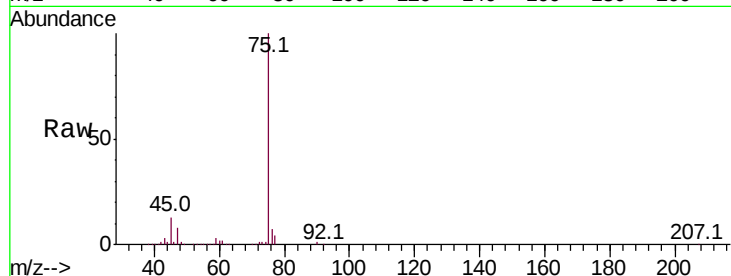




#30
2-Butanone
Concen: 6.980 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

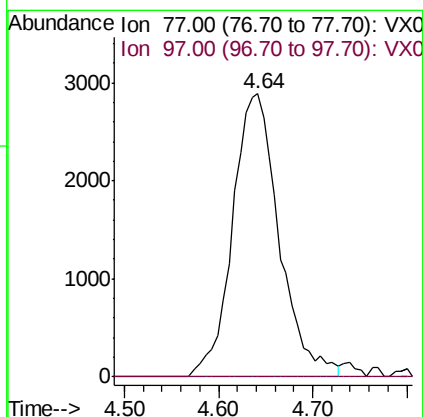
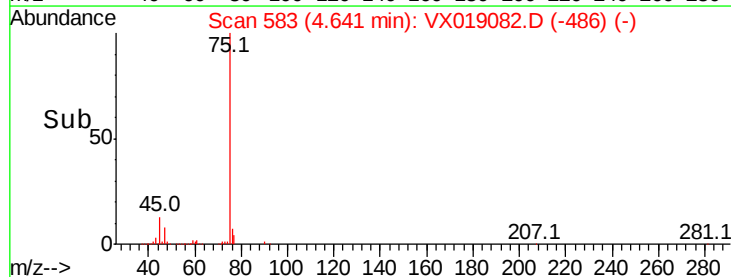
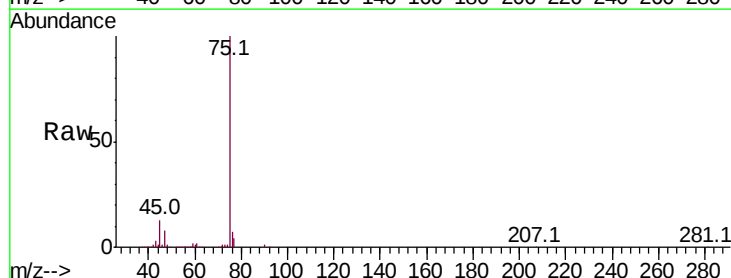
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

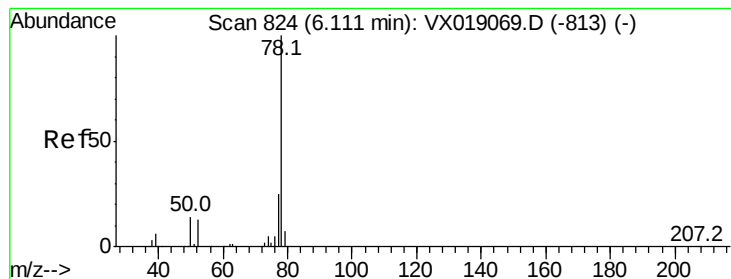
Tot Ion: 43 Resp: 8365
Ion Ratio Lower Upper
43 100
57 11.7 7.8 11.6#
72 11.9 28.1 42.1#



#31
2,2-Dichloropropane
Concen: 2.898 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.09 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

Tgt Ion: 77 Resp: 9976
Ion Ratio Lower Upper
77 100
97 0.0 19.2 28.8#





#34

Benzene

Concen: 0.791 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

201021075-01-VOA

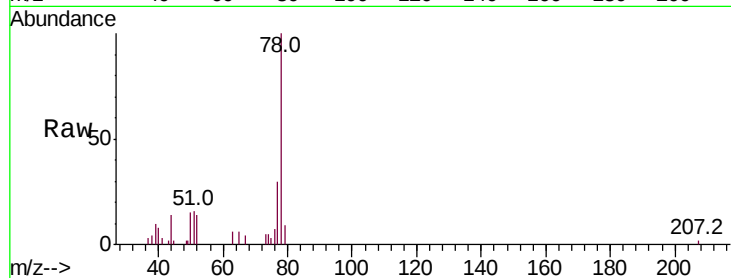
Tot Ion: 78 Resp: 6999

Ion Ratio Lower Upper

78 100

77 29.8 20.1 30.1

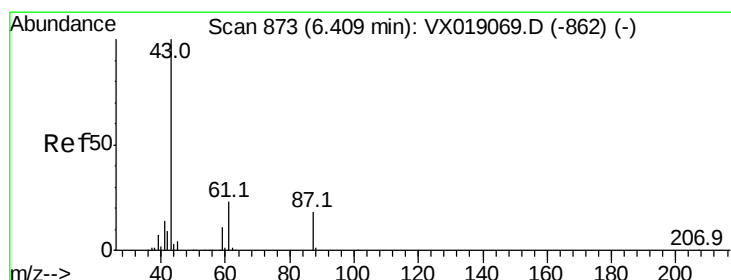
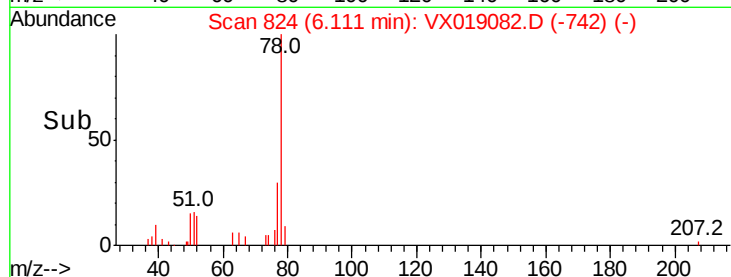
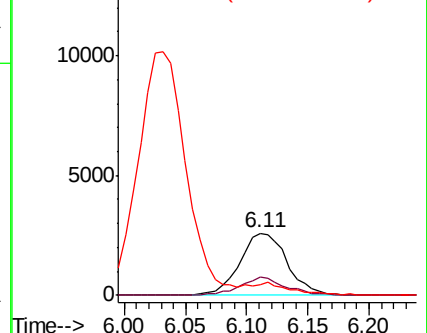
51 16.5 11.0 16.4#



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



#44

Isopropyl Acetate

Concen: 0.210 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019082.D

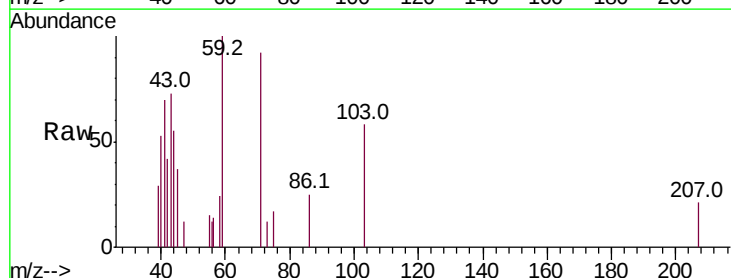
Acq: 23 Oct 2020 17:38

Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

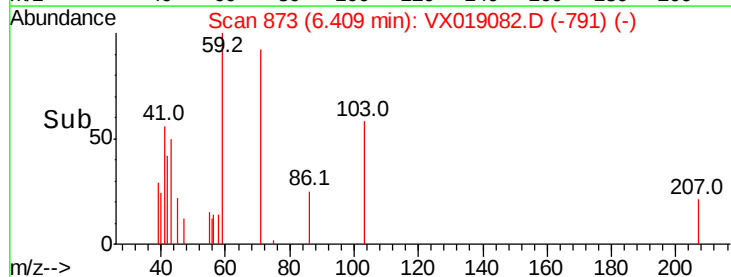
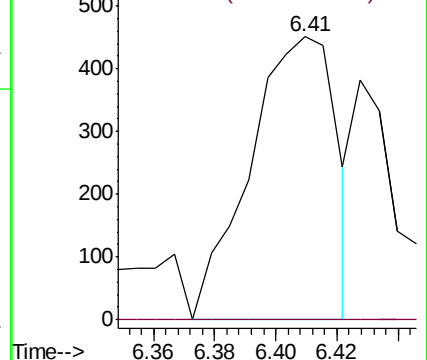
43 100

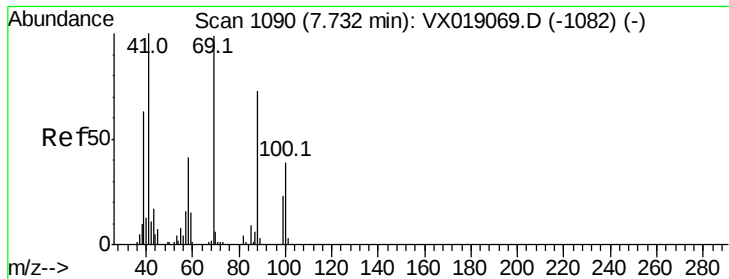
61 0.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 208.124 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

201021075-01-VOA

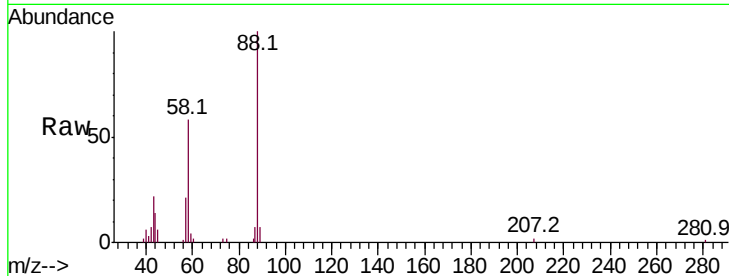
Tot Ion: 88 Resp: 9210

Ion Ratio Lower Upper

88 100

43 25.2 20.5 30.7

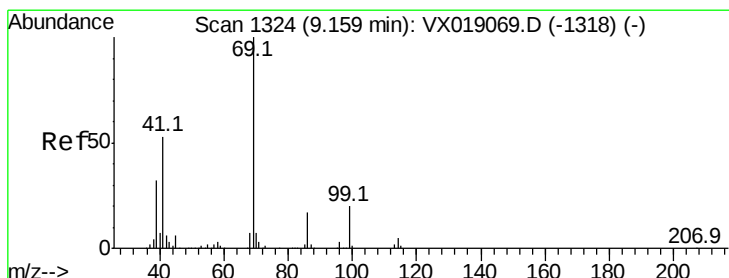
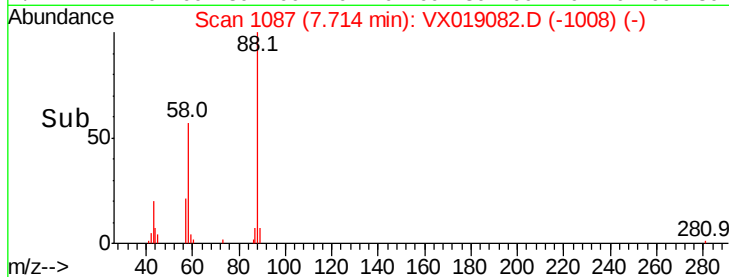
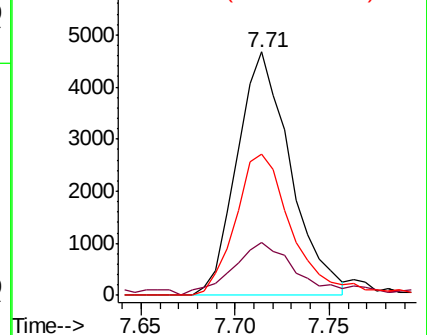
58 59.3 47.4 71.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#51

Ethyl methacrylate

Concen: 0.229 ug/l

RT: 9.60 min Scan# 1397

Delta R.T. 0.45 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

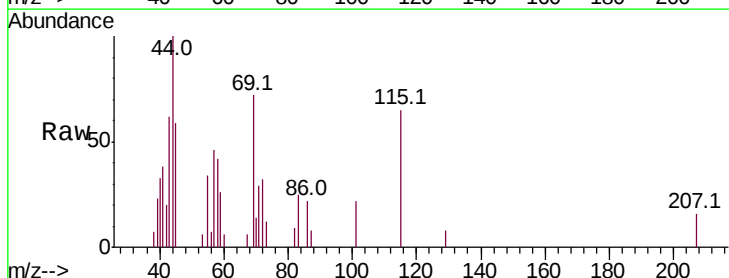
Tgt Ion: 69 Resp: 773

Ion Ratio Lower Upper

69 100

41 42.0 26.5 79.4

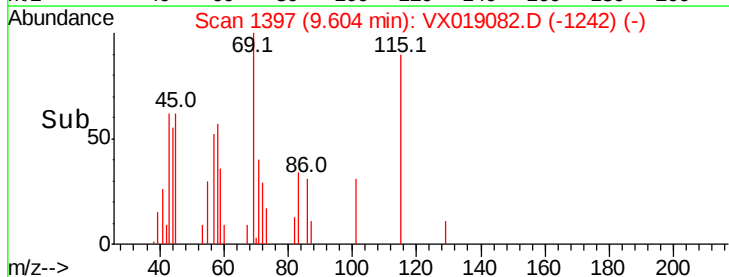
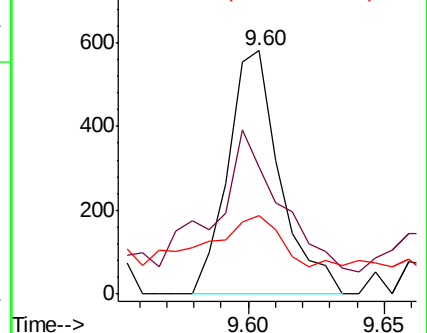
39 20.3 16.2 48.6

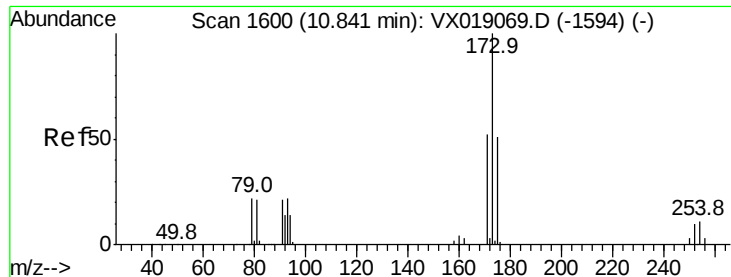


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

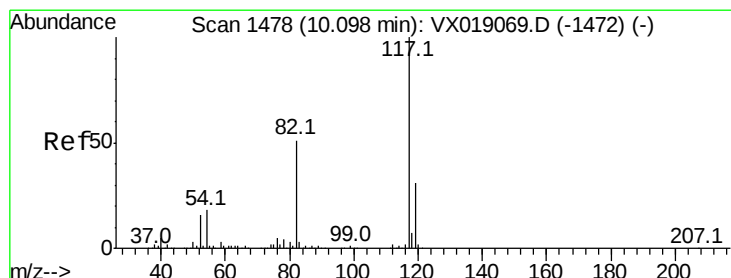
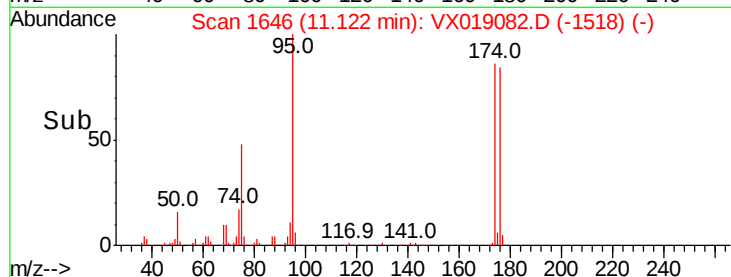
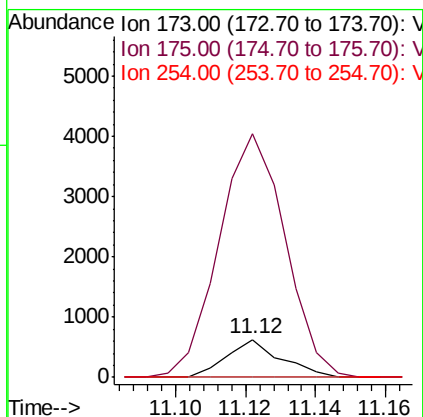
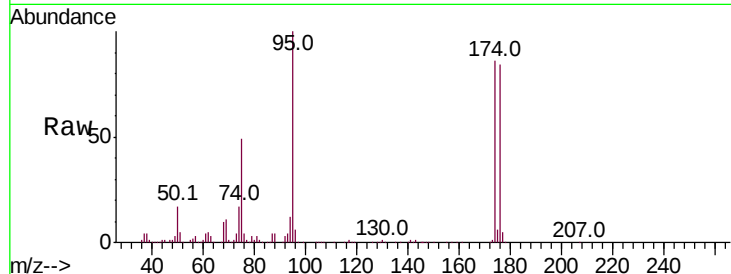




#56
Bromoform
Concen: 0.372 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.28 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

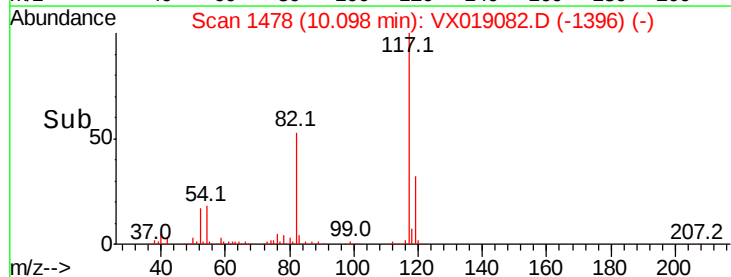
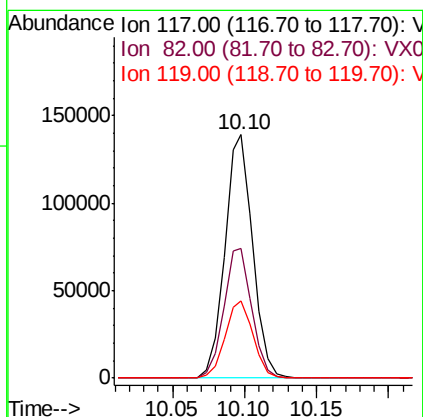
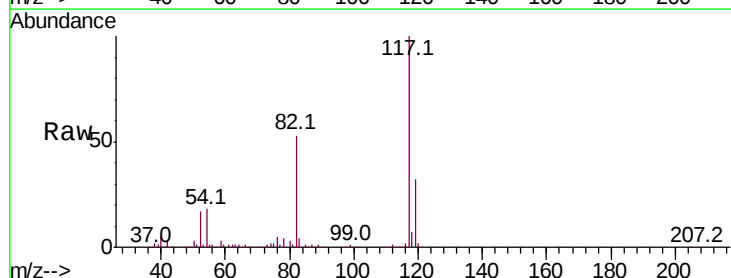
Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

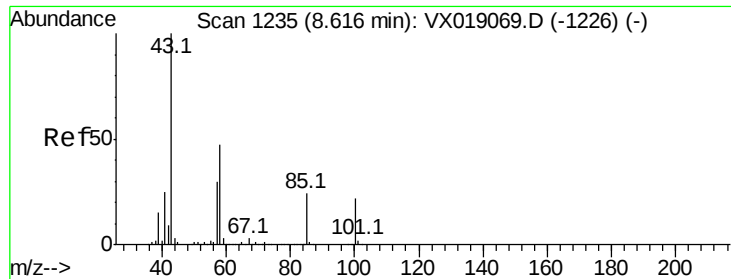
Tot Ion:173 Resp: 669
Ion Ratio Lower Upper
173 100
175 793.7 39.6 59.4#
254 0.0 8.6 13.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019082.D
Acq: 23 Oct 2020 17:38

Tgt Ion:117 Resp: 188001
Ion Ratio Lower Upper
117 100
82 53.9 42.5 63.7
119 31.9 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 1.332 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.02 min

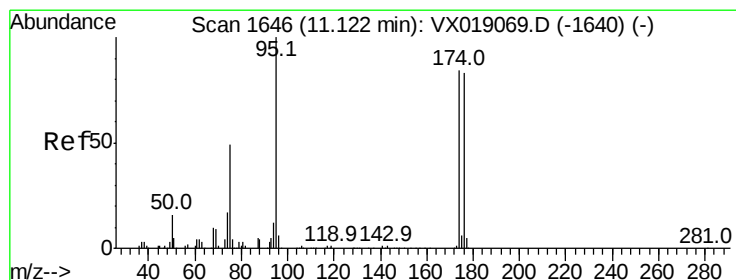
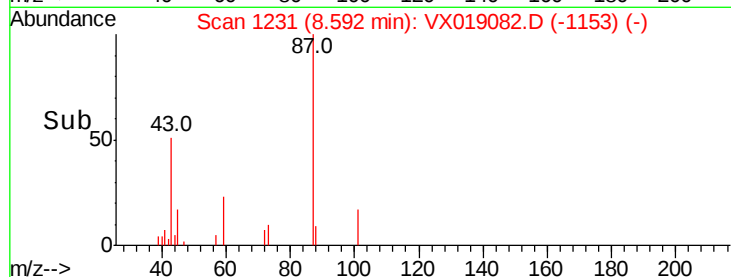
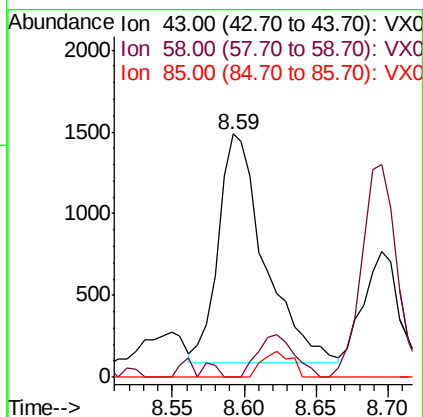
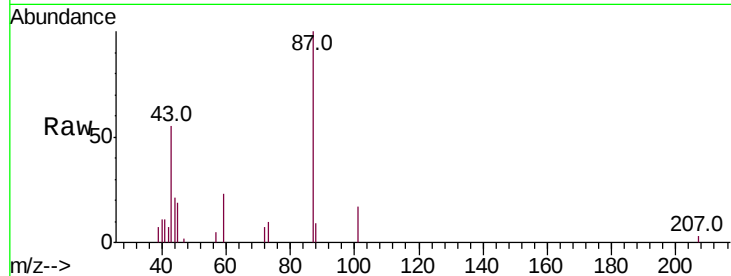
Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :
MSVOA_X
ClientSampleId :
201021075-01-VOA

Tot Ion: 43 Resp: 3159

Ion	Ratio	Lower	Upper
43	100		
58	1.8	37.6	56.4#
85	0.0	19.4	29.2#



#60

4-Bromofluorobenzene

Concen: 30.018 ug/l

RT: 11.12 min Scan# 1646

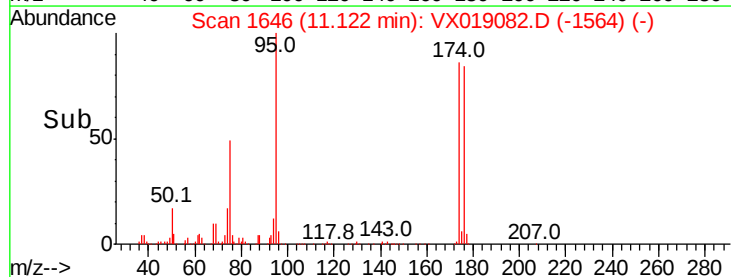
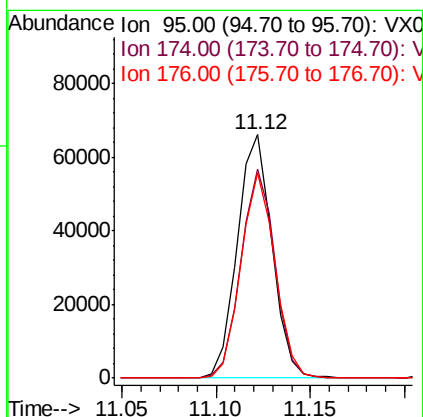
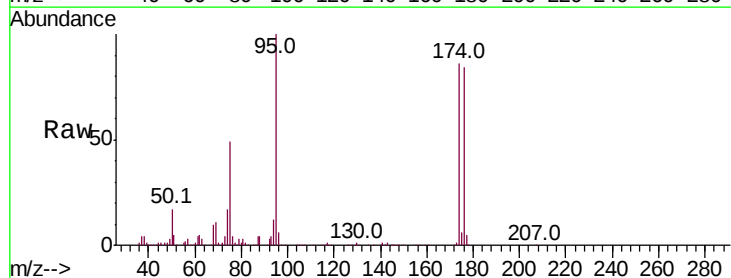
Delta R.T. 0.00 min

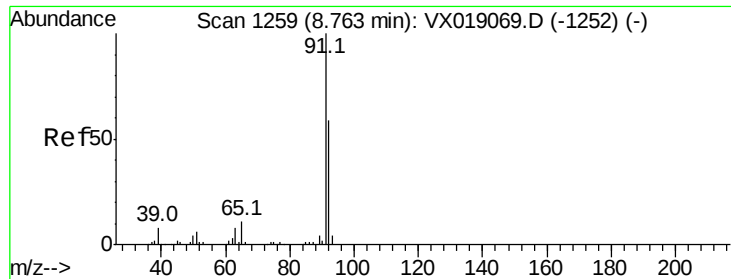
Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Tgt Ion: 95 Resp: 84704

Ion	Ratio	Lower	Upper
95	100		
174	84.1	66.3	99.5
176	82.4	65.5	98.3





#62

Toluene

Concen: 0.587 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

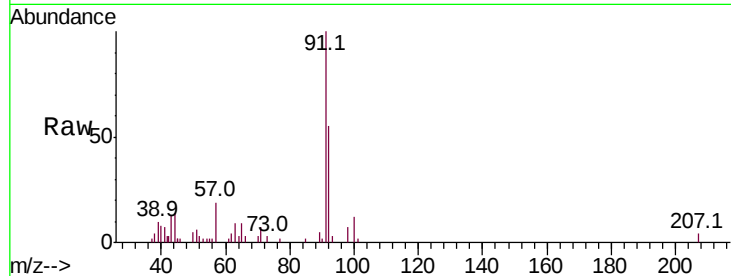
201021075-01-VOA

Tot Ion: 91 Resp: 5799

Ion Ratio Lower Upper

91 100

92 54.0 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

8.77

4000

3000

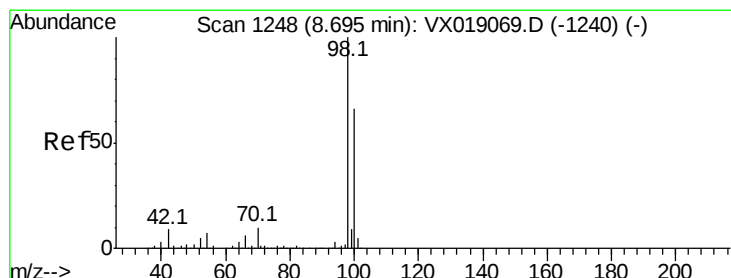
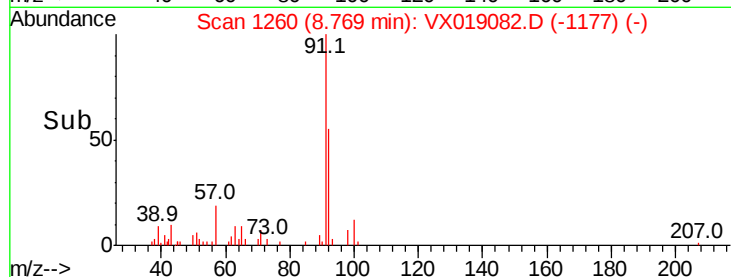
2000

1000

0

8.70 8.75 8.80

Time-->



#63

Toluene-d8

Concen: 30.149 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019082.D

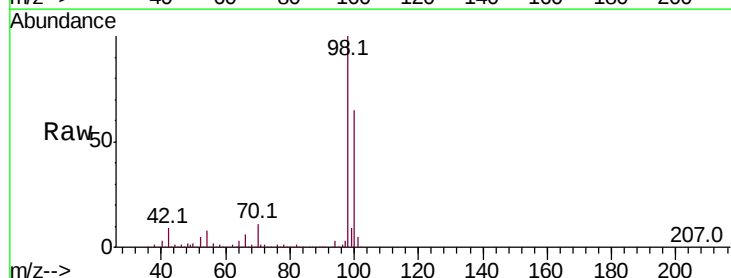
Acq: 23 Oct 2020 17:38

Tgt Ion: 98 Resp: 250253

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

150000

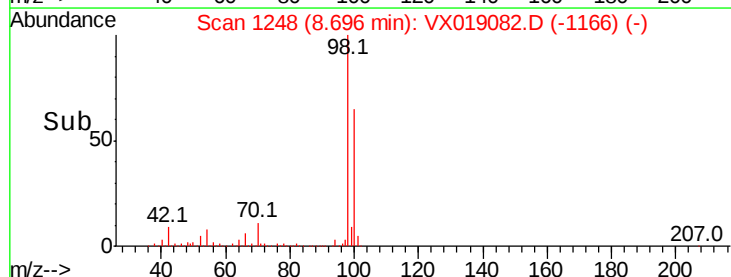
100000

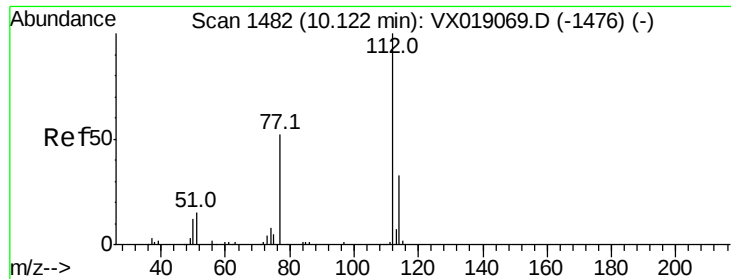
50000

0

8.60 8.70 8.80

Time-->





#64

Chlorobenzene

Concen: 6.708 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

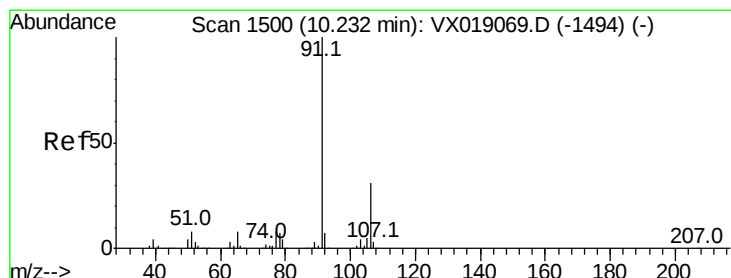
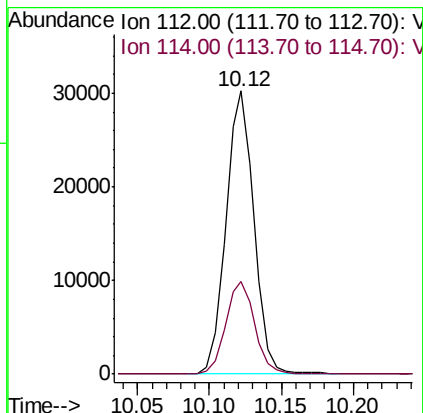
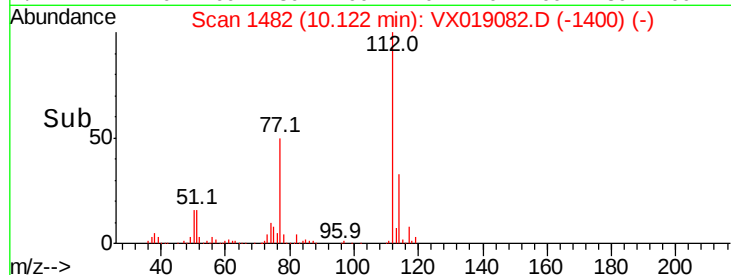
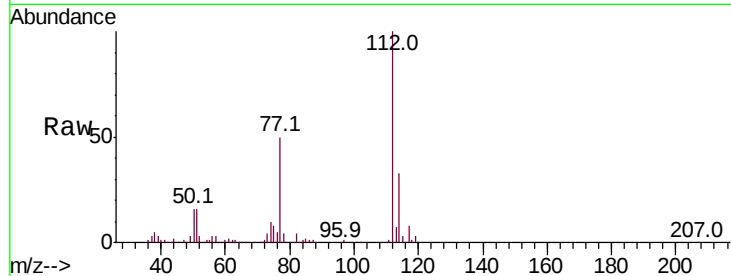
201021075-01-VOA

Tot Ion:112 Resp: 41199

Ion Ratio Lower Upper

112 100

114 32.9 26.2 39.2



#66

Ethyl Benzene

Concen: 0.838 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019082.D

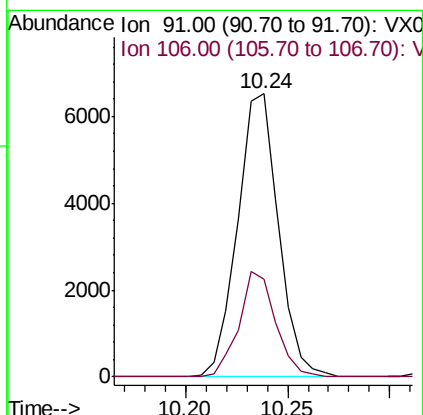
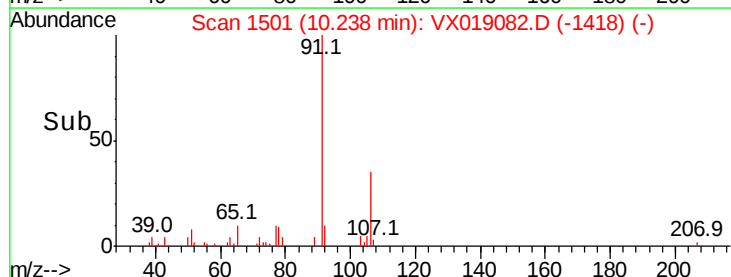
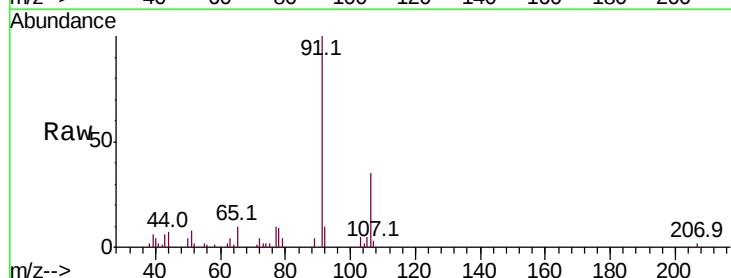
Acq: 23 Oct 2020 17:38

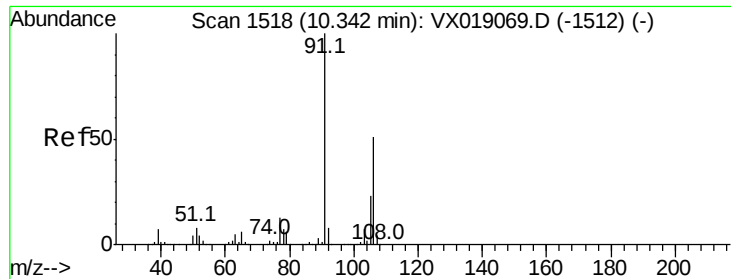
Tgt Ion: 91 Resp: 9083

Ion Ratio Lower Upper

91 100

106 34.7 24.7 37.1





#67

m/p-Xylenes

Concen: 2.690 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

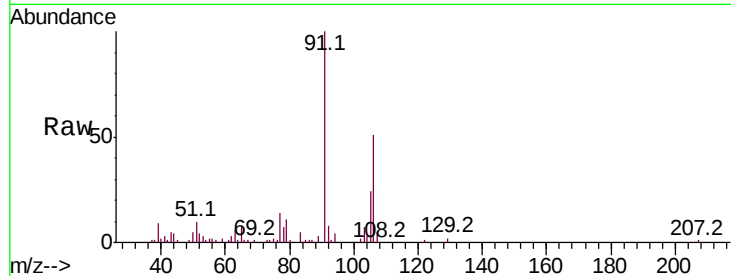
201021075-01-VOA

Tot Ion:106 Resp: 11111

Ion Ratio Lower Upper

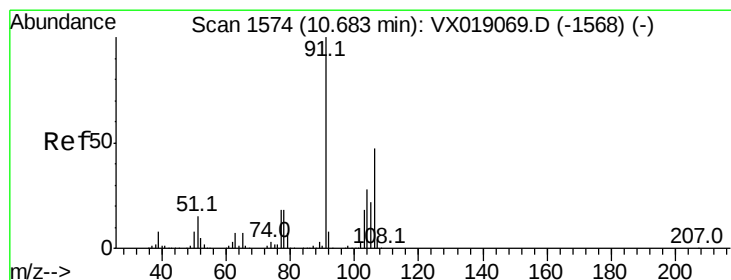
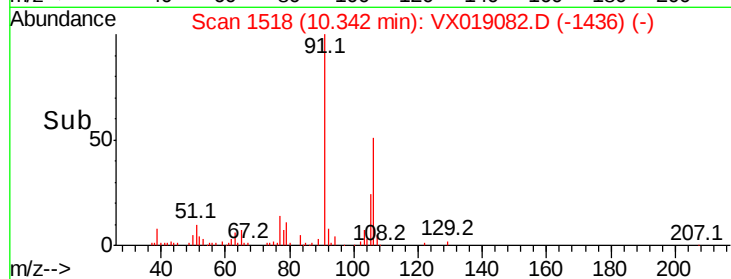
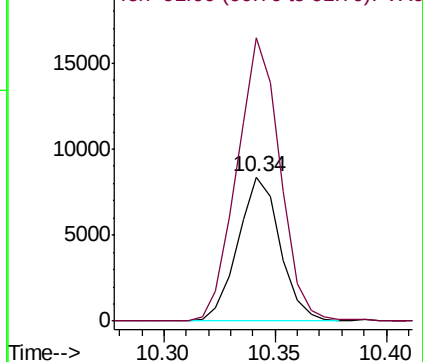
106 100

91 200.9 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.362 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019082.D

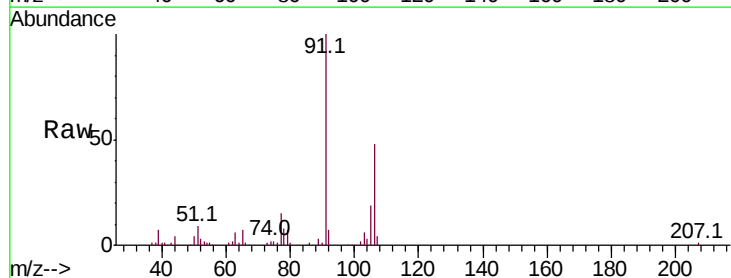
Acq: 23 Oct 2020 17:38

Tgt Ion:106 Resp: 9305

Ion Ratio Lower Upper

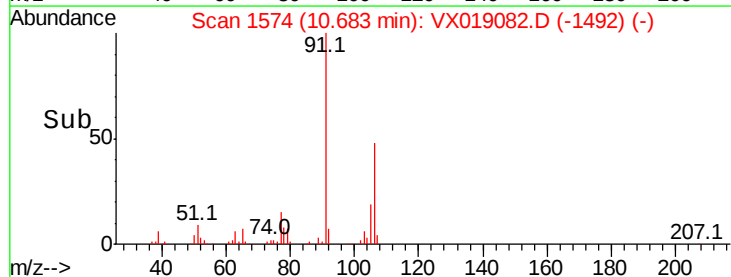
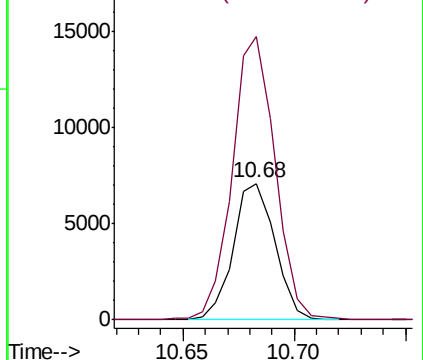
106 100

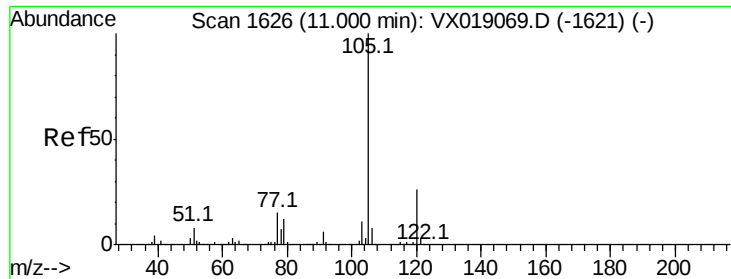
91 211.4 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Isopropylbenzene

Concen: 0.663 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

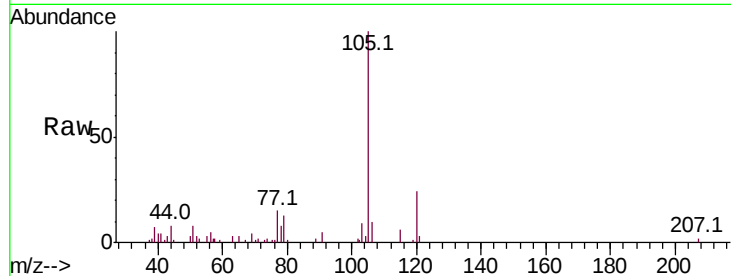
201021075-01-VOA

Tot Ion:105 Resp: 7024

Ion Ratio Lower Upper

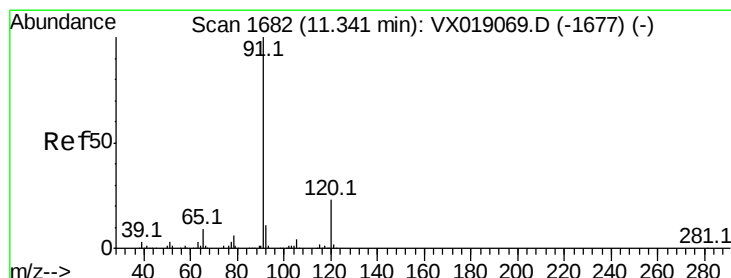
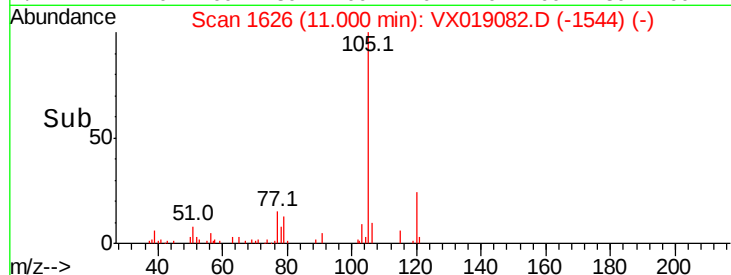
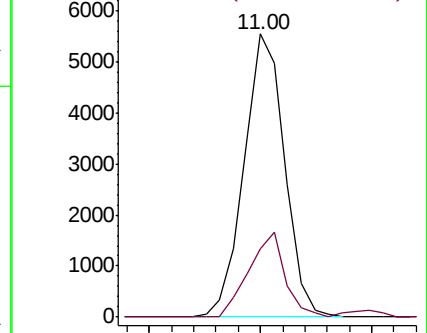
105 100

120 26.6 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-propylbenzene

Concen: 0.213 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019082.D

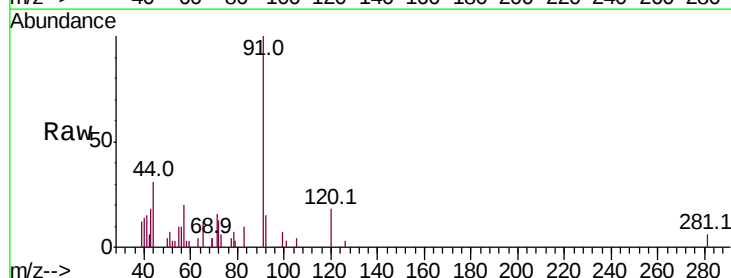
Acq: 23 Oct 2020 17:38

Tgt Ion: 91 Resp: 2559

Ion Ratio Lower Upper

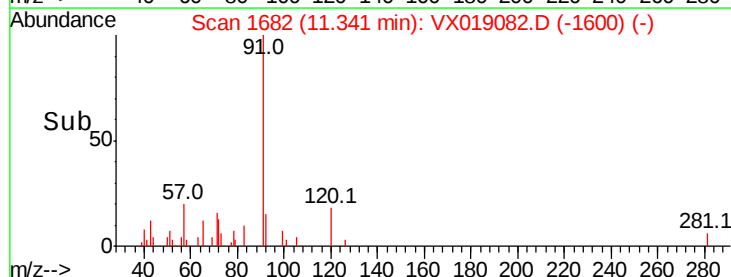
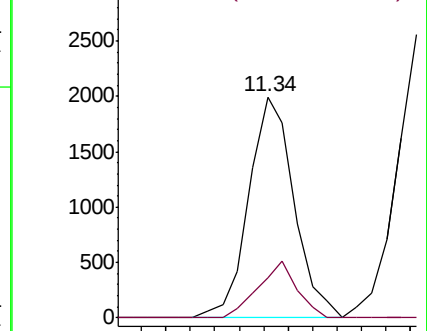
91 100

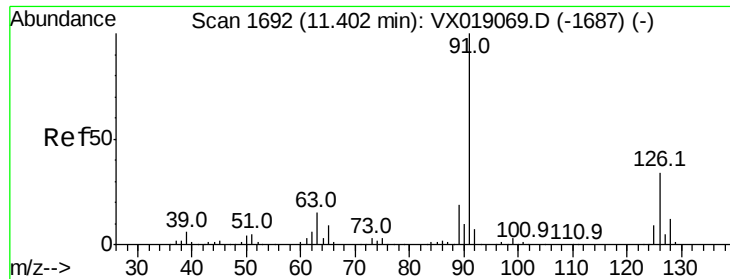
120 21.9 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

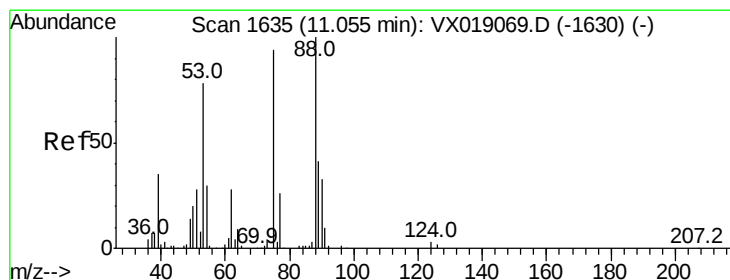
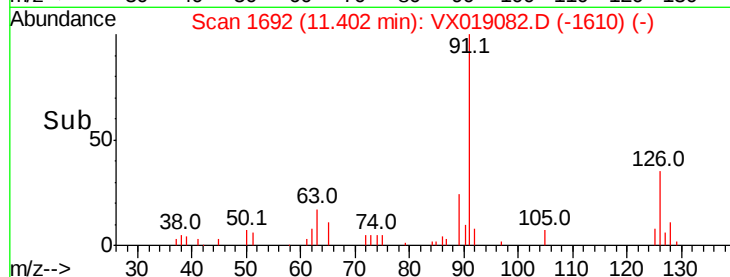
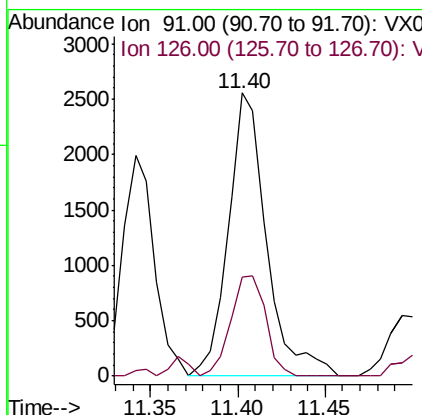
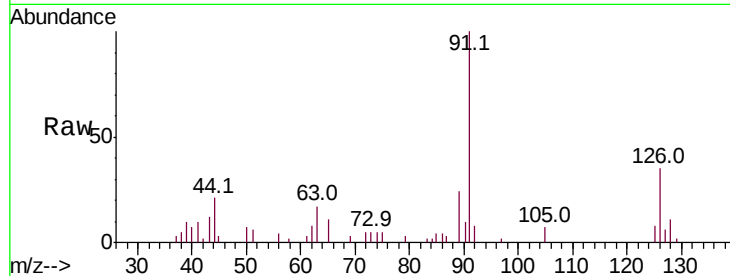




#75
 2-Chlorotoluene
 Concen: 0.572 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

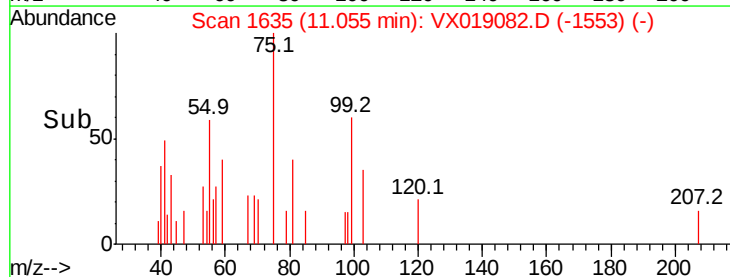
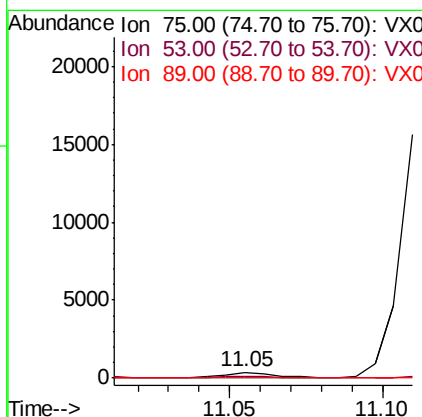
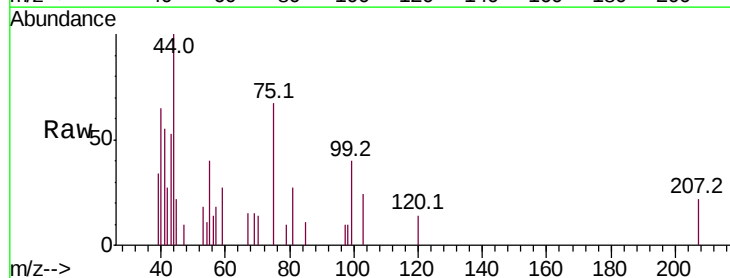
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

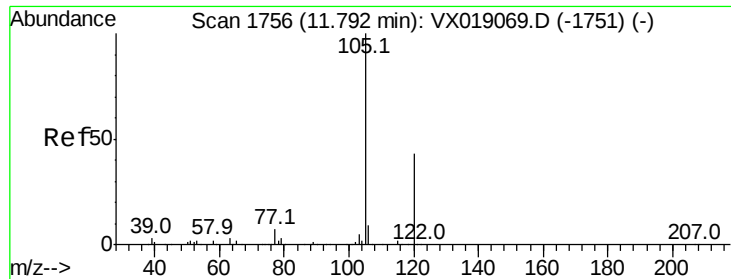
Tot Ion: 91 Resp: 3880
 Ion Ratio Lower Upper
 91 100
 126 32.5 0.0 69.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 0.417 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

Tgt Ion: 75 Resp: 455
 Ion Ratio Lower Upper
 75 100
 53 26.8 41.6 124.8#
 89 0.0 21.8 65.3#





#80

1,2,4-Trimethylbenzene

Concen: 1.013 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

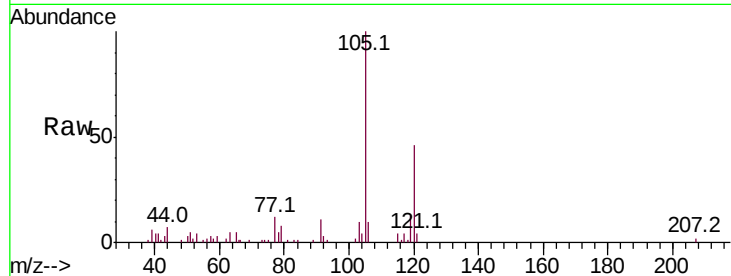
201021075-01-VOA

Tot Ion:105 Resp: 8655

Ion Ratio Lower Upper

105 100

120 45.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

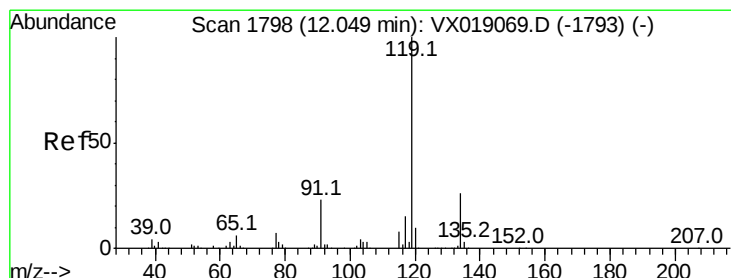
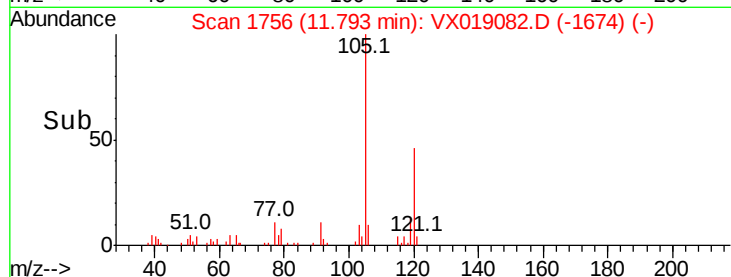
4000

2000

0

11.75 11.80

Time-->



#82

p-Isopropyltoluene

Concen: 0.300 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019082.D

Acq: 23 Oct 2020 17:38

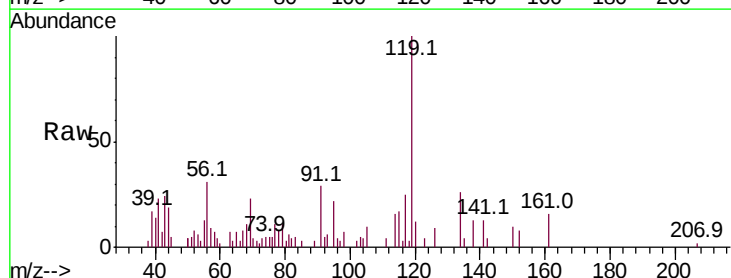
Tgt Ion:119 Resp: 2774

Ion Ratio Lower Upper

119 100

134 24.8 0.0 52.0

91 31.3 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

3000

2500

2000

1500

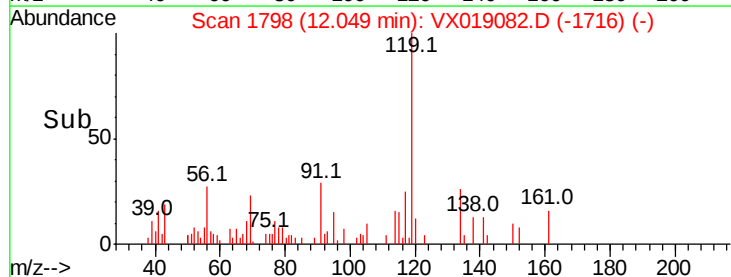
1000

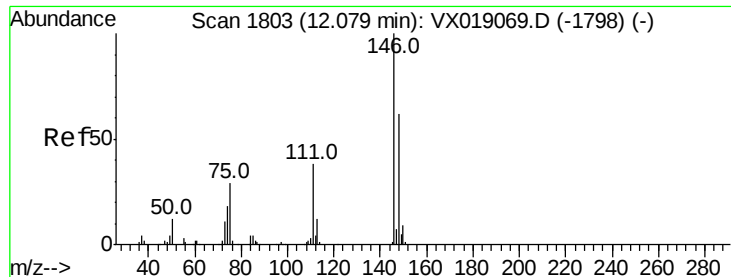
500

0

12.00 12.05

Time-->

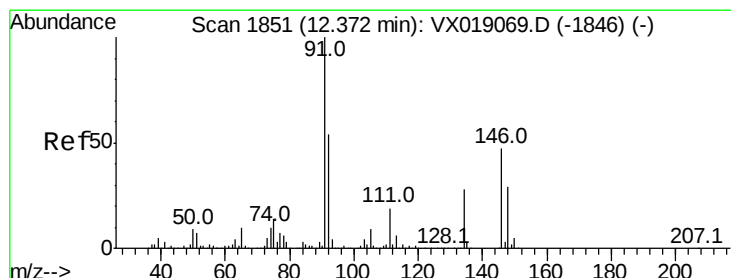
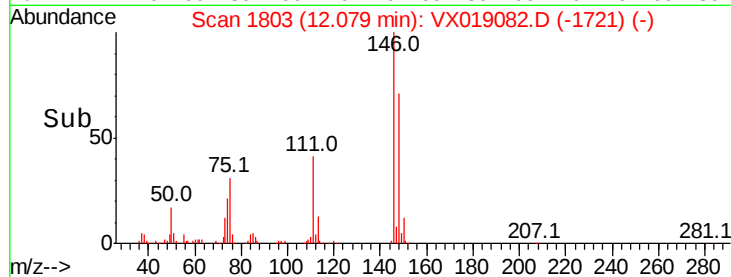
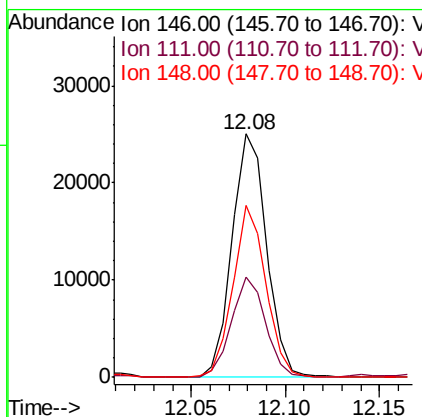
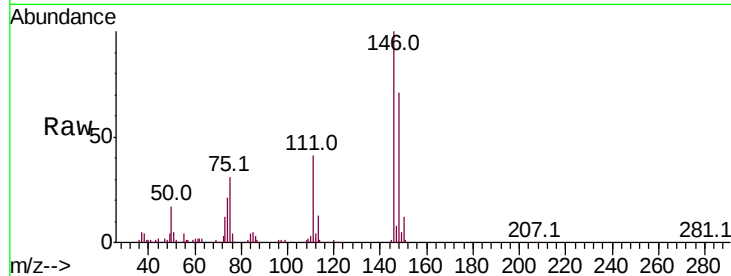




#84
 1,4-Dichlorobenzene
 Concen: 6.804 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

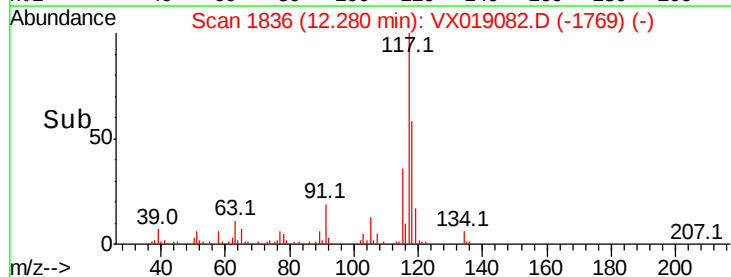
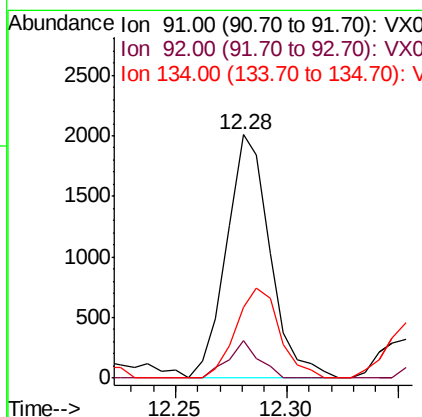
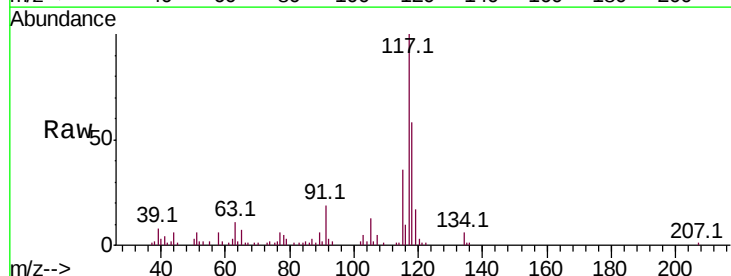
Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

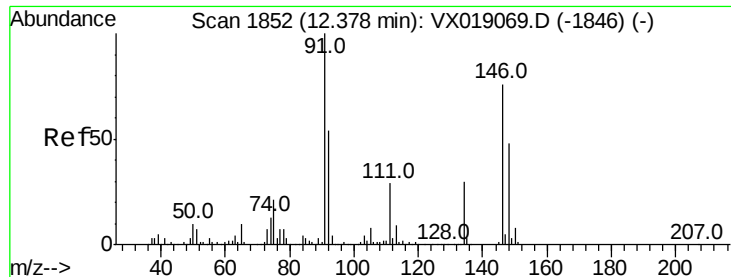
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.9	56.7
148	67.1	31.6	95.0



#85
 n-Butylbenzene
 Concen: 0.330 ug/l
 RT: 12.28 min Scan# 1836
 Delta R.T. -0.09 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.8	0.0	107.4
134	37.4	0.0	54.6

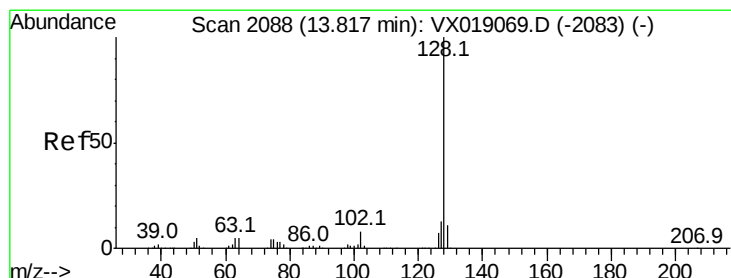
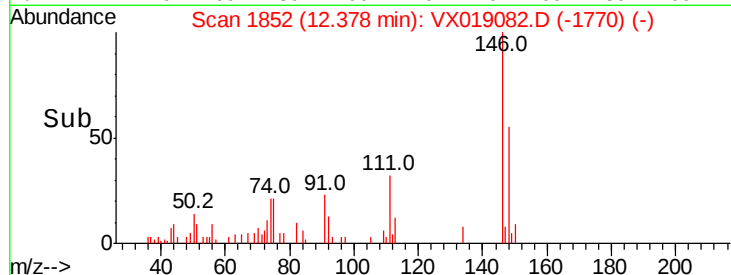
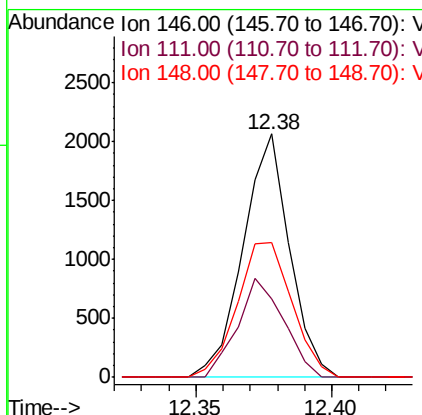
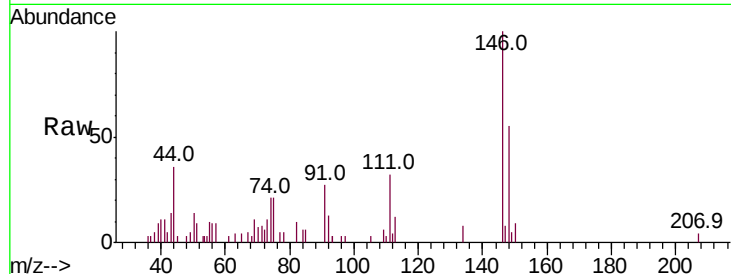




#87
 1,2-Dichlorobenzene
 Concen: 0.552 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 201021075-01-VOA

Tot Ion:146 Resp: 2446
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 61.0
 148 65.2 32.1 96.5



#91
 Naphthalene
 Concen: 4.490 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX019082.D
 Acq: 23 Oct 2020 17:38

Tgt Ion:128 Resp: 46858
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 16.0
 129 10.9 8.9 13.3

