

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027048.D
 Acq On : 28 Jul 2022 20:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV245

Quant Time: Jul 29 02:04:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:53:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	576448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	569771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	306482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	264831	48.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.580%
7) Chloroethane-d5	1.561	69	213116	49.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.100%
11) 1,1-Dichloroethene-d2	2.105	63	454217	48.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.300%
21) 2-Butanone-d5	3.883	46	305843	97.804	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.800%
24) Chloroform-d	4.342	84	488695	49.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	5.027	65	280805	50.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
32) Benzene-d6	5.047	84	991578	49.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	6.066	67	306609	50.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.140%
41) Toluene-d8	7.313	98	926193	51.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.420%
43) trans-1,3-Dichloroprop...	7.619	79	136980	50.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.280%
47) 2-Hexanone-d5	8.088	63	289584	109.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	468098	50.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	338646	49.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	306318	51.202	ug/L	100
3) Chloromethane	1.236	50	286696	52.408	ug/L	100
5) Vinyl chloride	1.307	62	301583	51.973	ug/L	100
6) Bromomethane	1.516	94	182822	51.303	ug/L	100
8) Chloroethane	1.581	64	176015	51.663	ug/L	100
9) Trichlorofluoromethane	1.748	101	381264	51.215	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	217993	50.726	ug/L	100
12) 1,1-Dichloroethene	2.111	96	213532	50.855	ug/L	94
13) Acetone	2.172	43	159237	68.751	ug/L	88
14) Carbon disulfide	2.288	76	665208	49.936	ug/L	100
15) Methyl Acetate	2.429	43	210252	54.624	ug/L	93
16) Methylene chloride	2.500	84	271175	50.666	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	232026	50.473	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	672748	53.280	ug/L	99
19) 1,1-Dichloroethane	3.185	63	416836	51.926	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	248452	52.264	ug/L	99
22) 2-Butanone	3.966	43	282599	110.598	ug/L	92
23) Bromochloromethane	4.243	128	138142	53.945	ug/L	98
25) Chloroform	4.371	83	437383	51.679	ug/L	99

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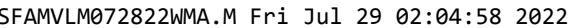
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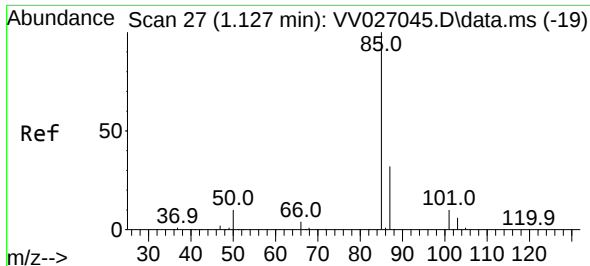
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	299472	51.421	ug/L	100
29) Cyclohexane	4.674	56	329832	53.879	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	372857	50.985	ug/L	100
31) Carbon tetrachloride	4.825	117	322920	50.723	ug/L	99
33) Benzene	5.095	78	971986	52.935	ug/L	100
34) Trichloroethene	5.912	95	233982	49.511	ug/L	99
35) Methylcyclohexane	6.127	83	382439	54.244	ug/L	100
37) 1,2-Dichloropropane	6.169	63	252729	54.995	ug/L	100
38) Bromodichloromethane	6.506	83	325932	53.397	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	361125	54.778	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	666525	114.670	ug/L	99
42) Toluene	7.384	91	1025075	54.146	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	346963	54.134	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	262088	53.269	ug/L	98
46) Tetrachloroethene	7.973	164	186946	50.574	ug/L	99
48) 2-Hexanone	8.140	43	532611	116.276	ug/L	99
49) Dibromochloromethane	8.243	129	268294	53.024	ug/L	97
50) 1,2-Dibromoethane	8.349	107	276642	53.620	ug/L	99
51) Chlorobenzene	8.879	112	654977	51.300	ug/L	99
52) Ethylbenzene	9.011	91	1043135	54.416	ug/L	99
53) m,p-Xylene	9.136	106	418516	55.506	ug/L	97
54) o-Xylene	9.542	106	405711	55.874	ug/L	100
55) Styrene	9.558	104	733772	57.741	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	425508	53.641	ug/L	99
59) Bromoform	9.731	173	182916	52.540	ug/L	99
60) Isopropylbenzene	9.931	105	1034727	54.101	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	331185	51.525	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	431982	52.770	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	347433	53.185	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	485942	52.338	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	498395	50.940	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	509389	52.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	88487	52.508	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	330034	52.409	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	277334	51.454	ug/L	100
71) Naphthalene	13.500	128	1003726	53.519	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	314204	53.746	ug/L	99

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

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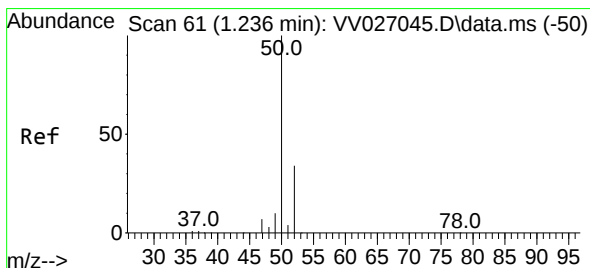
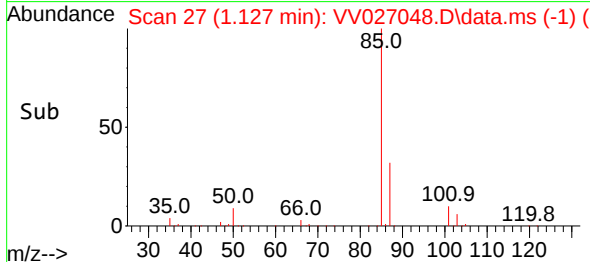
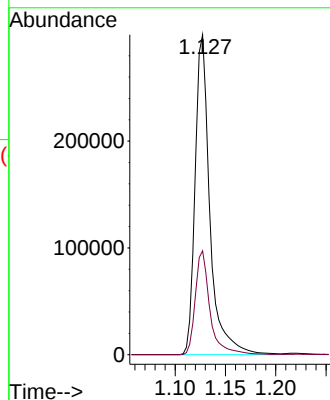
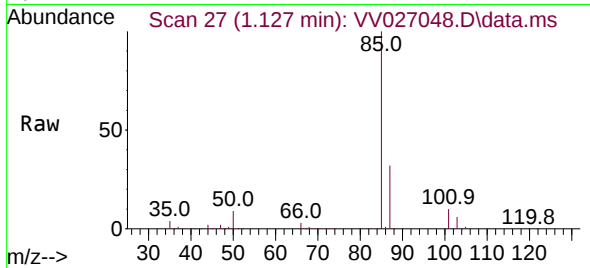




#2
 Dichlorodifluoromethane
 Concen: 51.202 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

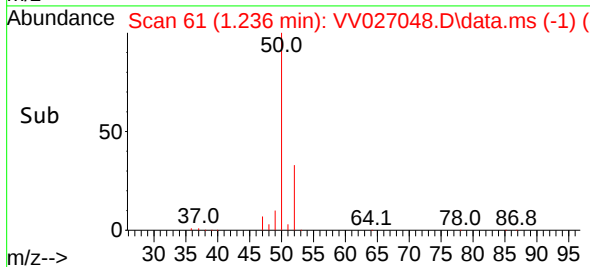
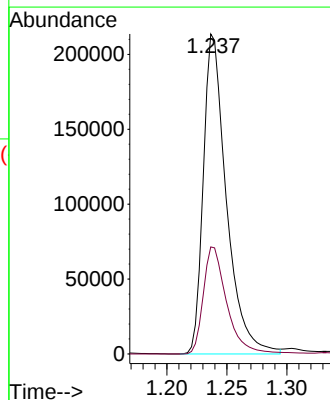
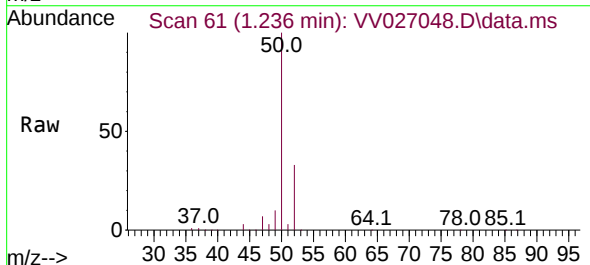
Instrument :
 MSVOA_V
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 VICV245

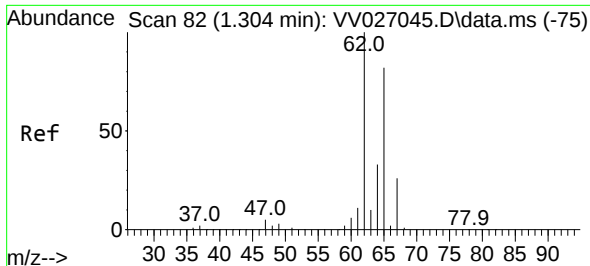
Tgt Ion: 85 Resp: 306318
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 52.408 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

Tgt Ion: 50 Resp: 286696
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.5 43.7

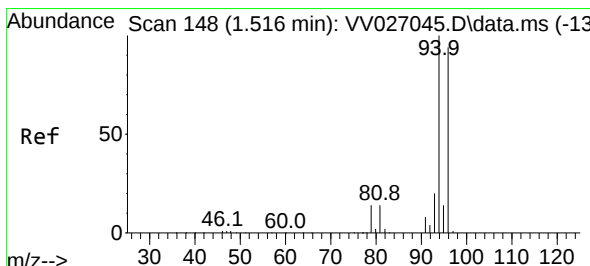
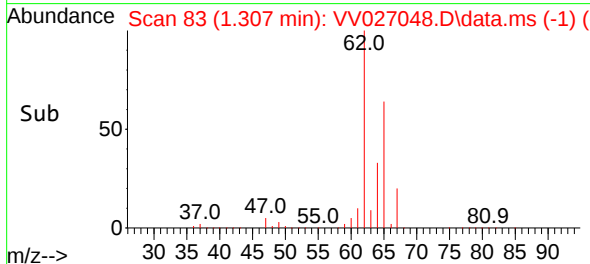
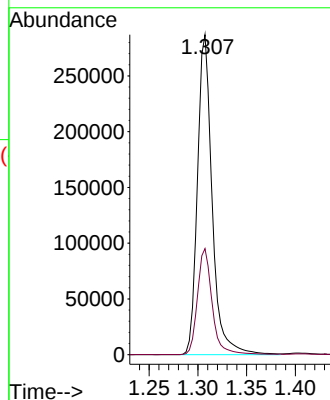
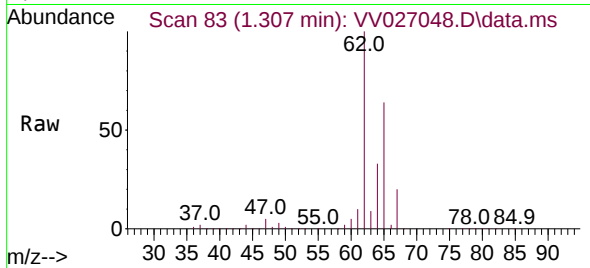




#5
 Vinyl chloride
 Concen: 51.973 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

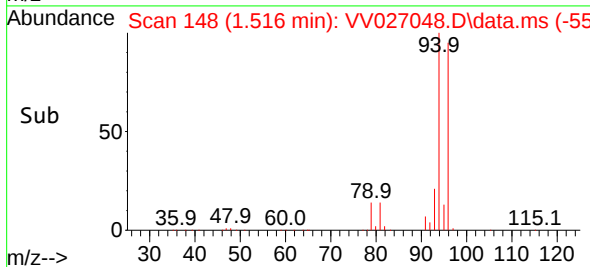
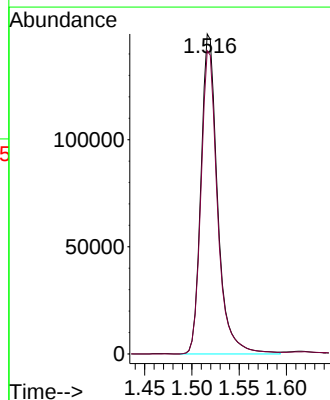
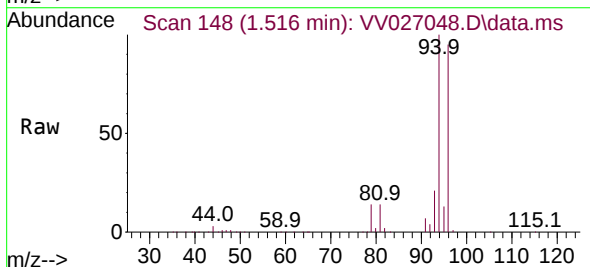
Instrument :
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 ClientSampleId :
 VICV245

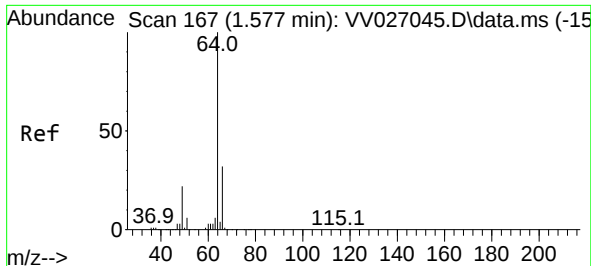
Tgt Ion: 62 Resp: 301583
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 51.303 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

Tgt Ion: 94 Resp: 182822
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.1 122.8





#8

Chloroethane

Concen: 51.663 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

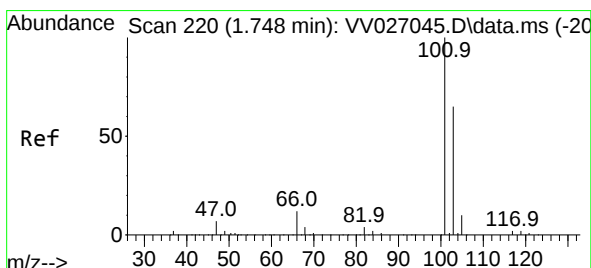
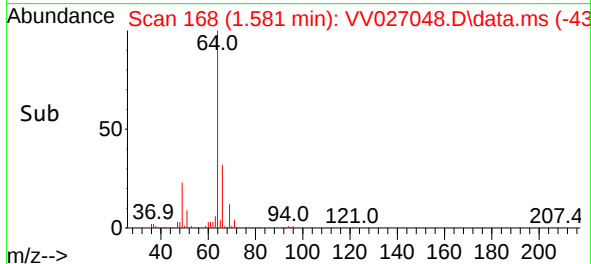
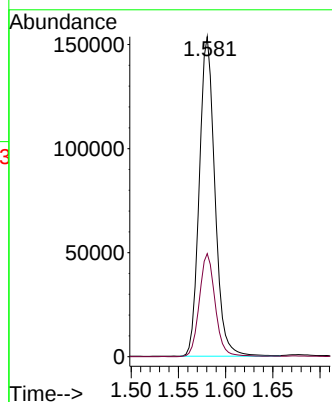
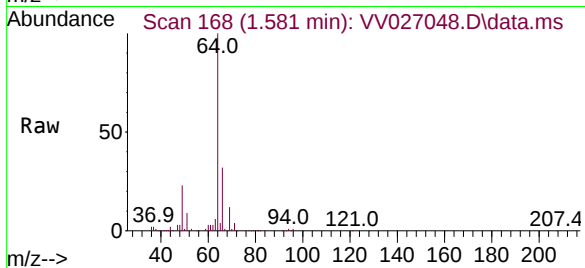
VICV245

Tgt Ion: 64 Resp: 176015

Ion Ratio Lower Upper

64 100

66 32.2 22.4 41.6



#9

Trichlorofluoromethane

Concen: 51.215 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.000 min

Lab File: VV027048.D

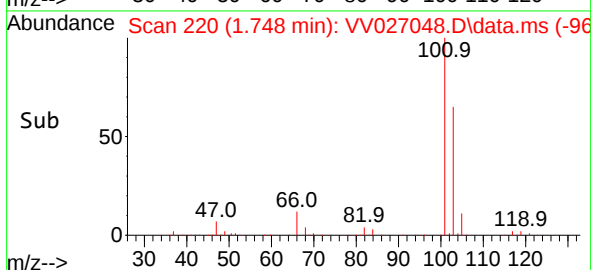
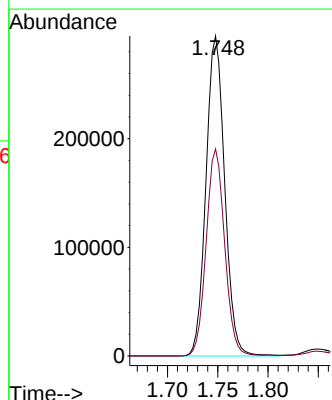
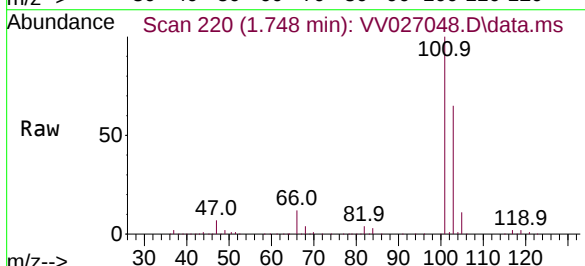
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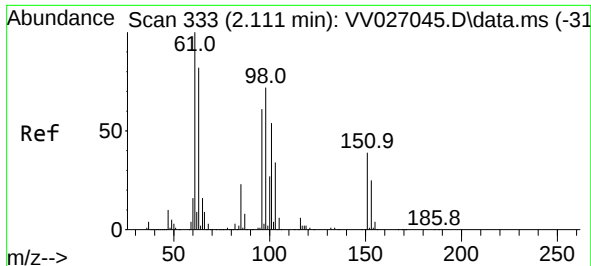
Tgt Ion:101 Resp: 381264

Ion Ratio Lower Upper

101 100

103 64.0 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.726 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

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ClientSampleId :

VICV245

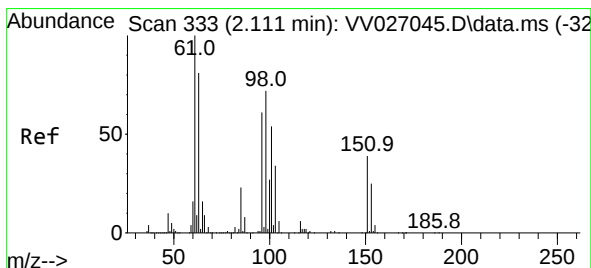
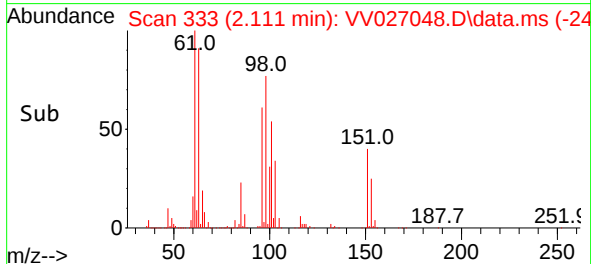
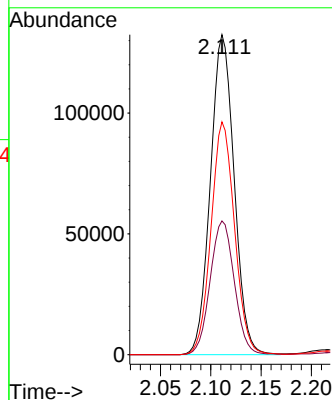
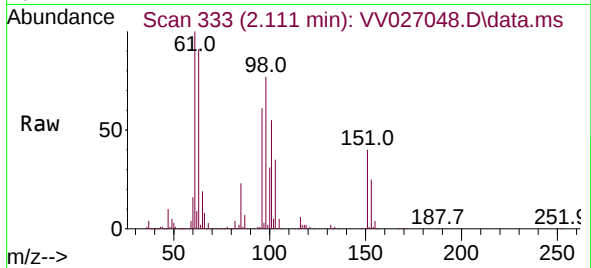
Tgt Ion:101 Resp: 217993

Ion Ratio Lower Upper

101 100

85 42.4 34.1 51.1

151 72.1 57.8 86.8



#12

1,1-Dichloroethene

Concen: 50.855 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

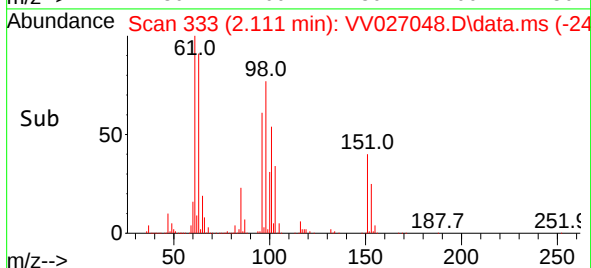
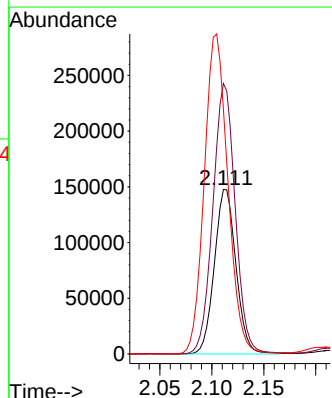
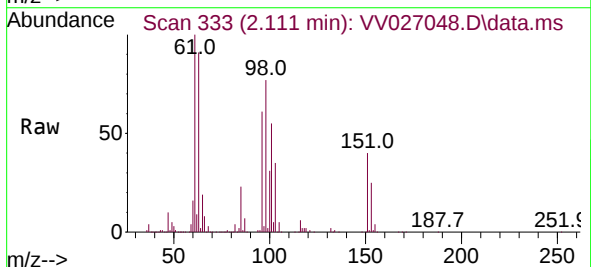
Tgt Ion: 96 Resp: 213532

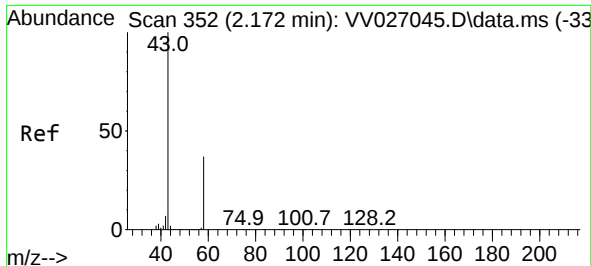
Ion Ratio Lower Upper

96 100

61 164.5 114.3 212.3

63 149.1 93.4 173.4





#13

Acetone

Concen: 68.751 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

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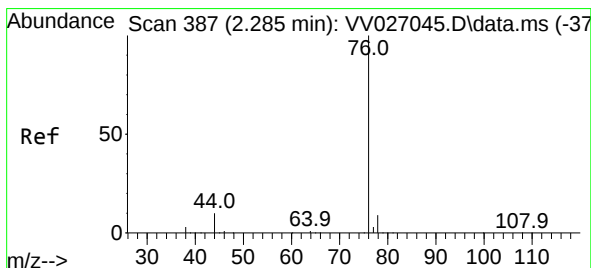
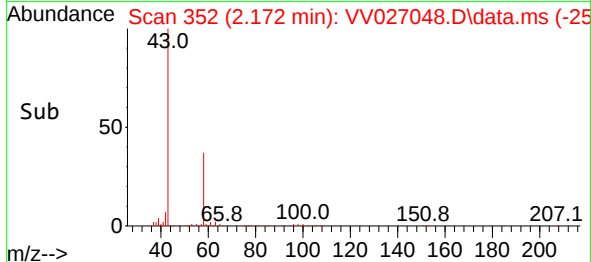
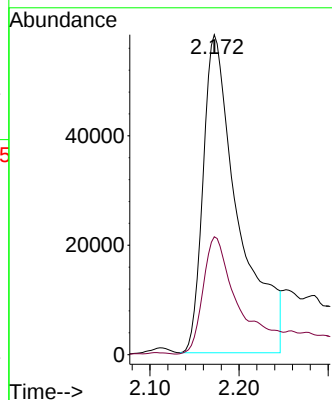
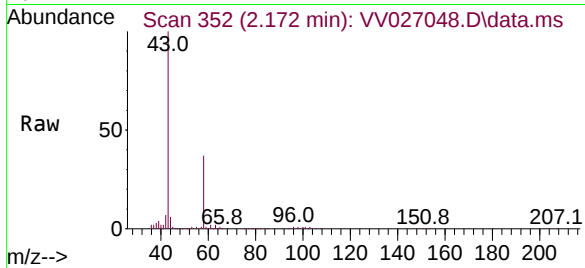
VICV245

Tgt Ion: 43 Resp: 159237

Ion Ratio Lower Upper

43 100

58 30.8 0.0 49.6



#14

Carbon disulfide

Concen: 49.936 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027048.D

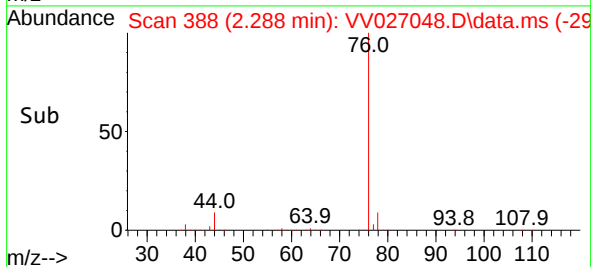
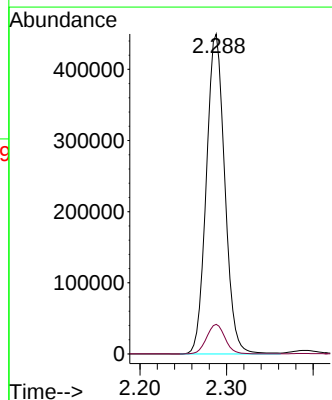
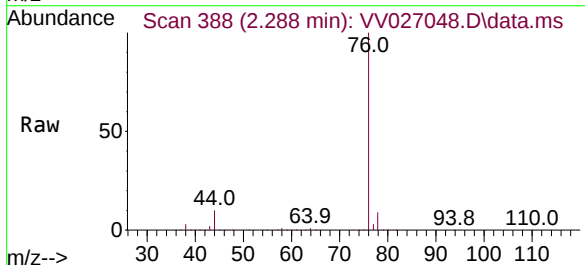
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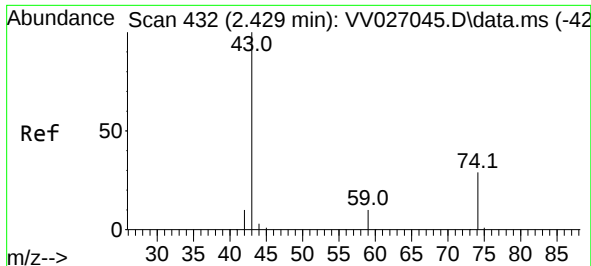
Tgt Ion: 76 Resp: 665208

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

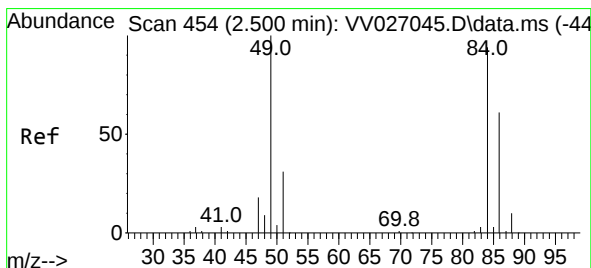
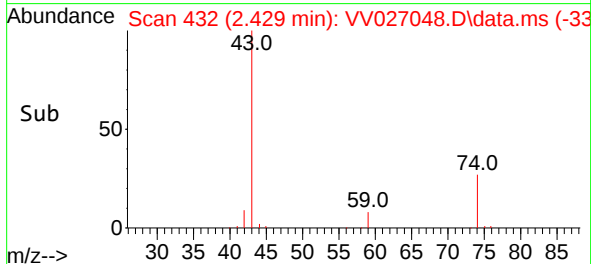
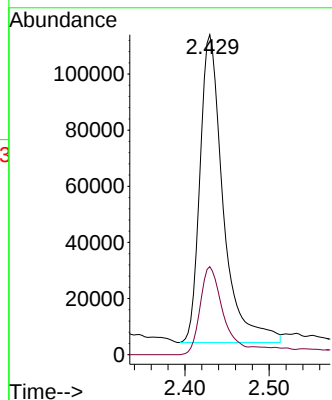
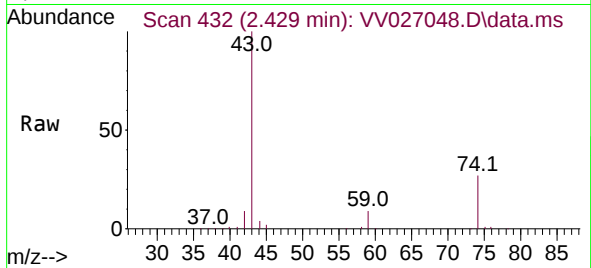




#15
Methyl Acetate
Concen: 54.624 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

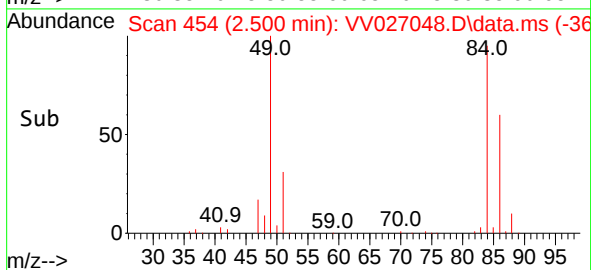
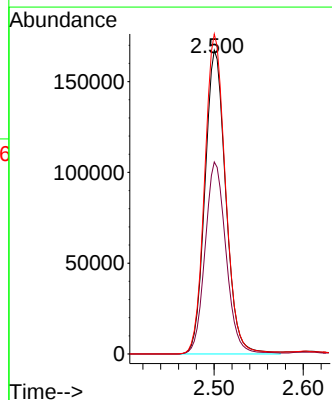
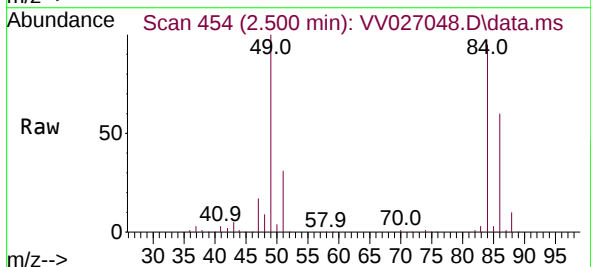
Instrument :
MSVOA_V
ClientSampleId :
VICV245

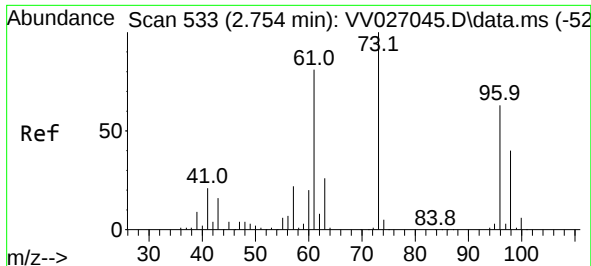
Tgt Ion: 43 Resp: 210252
Ion Ratio Lower Upper
43 100
74 28.2 25.5 38.3



#16
Methylene chloride
Concen: 50.666 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 84 Resp: 271175
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 105.4 74.1 137.7

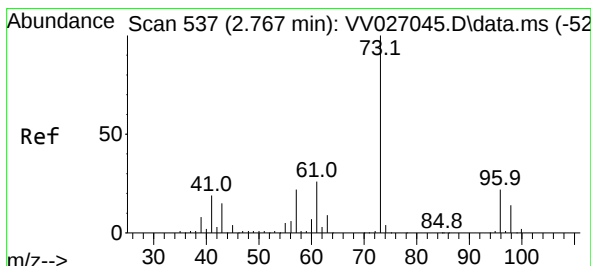
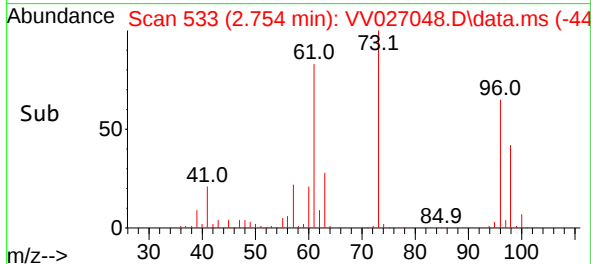
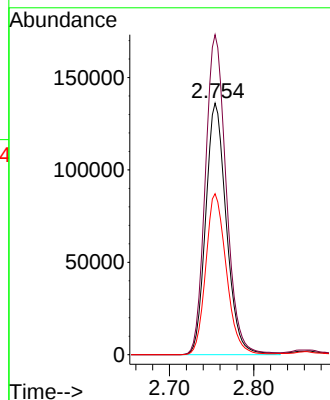
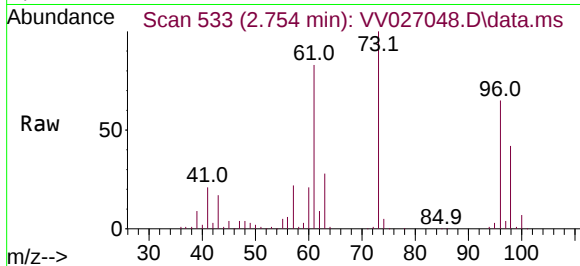




#17
trans-1,2-Dichloroethene
Concen: 50.473 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

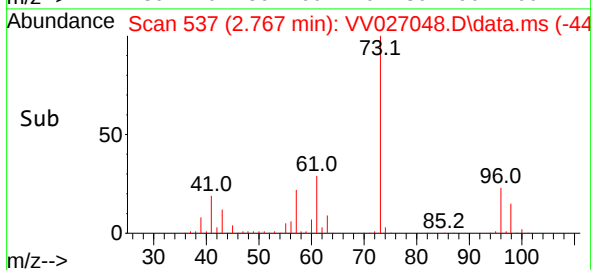
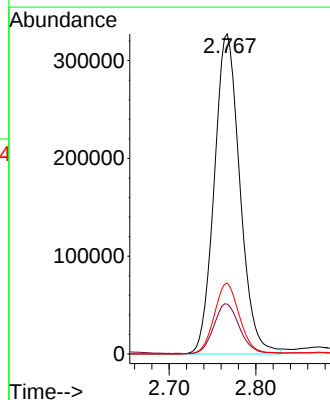
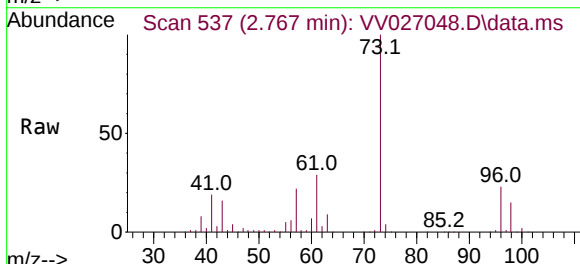
Instrument :
MSVOA_V
ClientSampleId :
VICV245

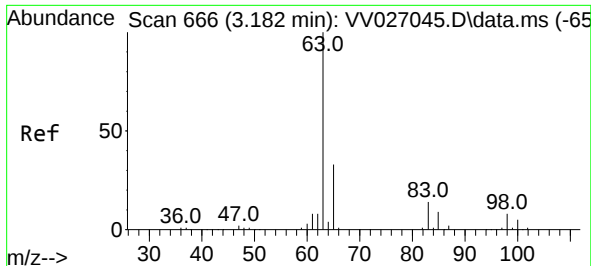
Tgt Ion: 96 Resp: 232026
Ion Ratio Lower Upper
96 100
61 127.2 89.2 165.6
98 64.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 53.280 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 73 Resp: 672748
Ion Ratio Lower Upper
73 100
43 15.5 12.6 18.8
57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.926 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

VICV245

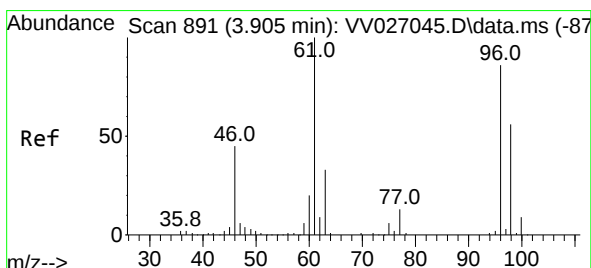
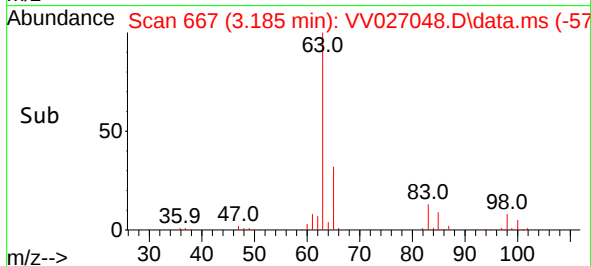
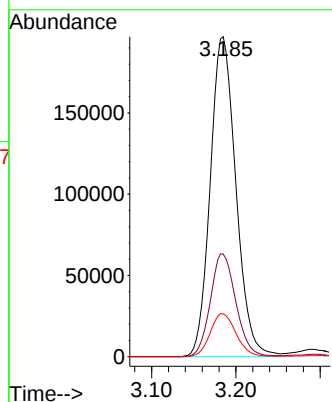
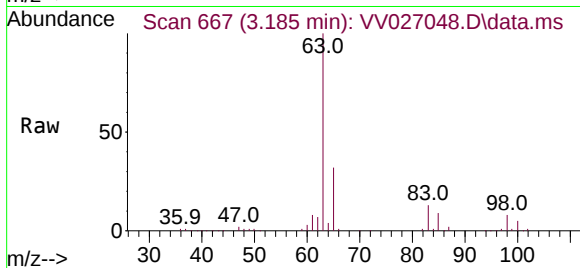
Tgt Ion: 63 Resp: 416836

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 13.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.264 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

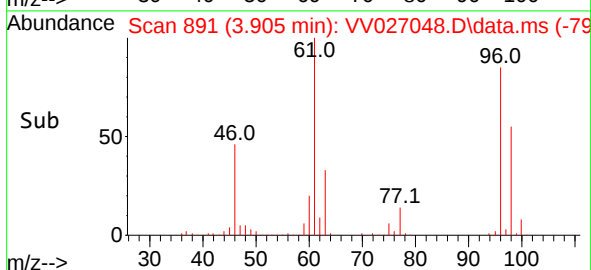
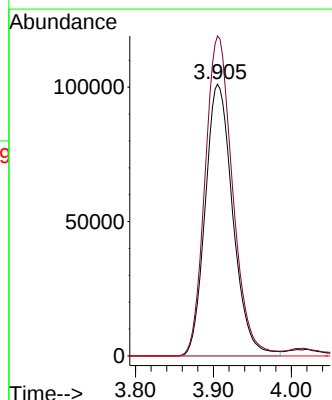
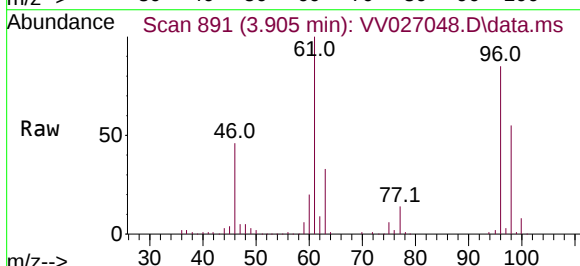
Tgt Ion: 96 Resp: 248452

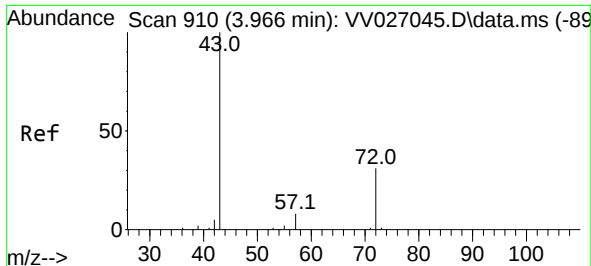
Ion Ratio Lower Upper

96 100

61 117.7 81.8 151.8

68 0.0 0.0 0.0

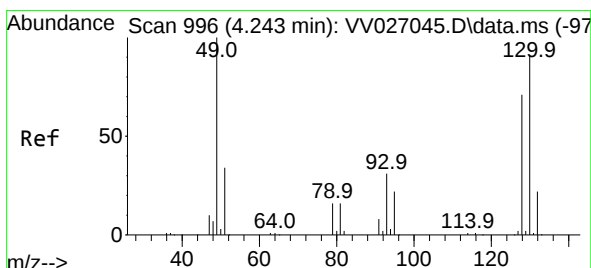
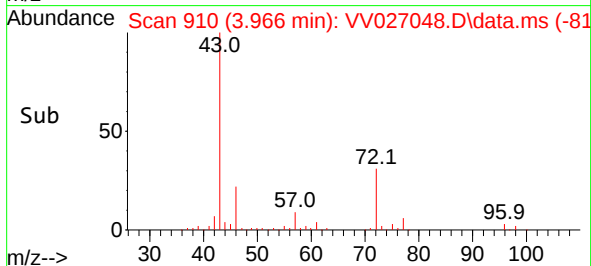
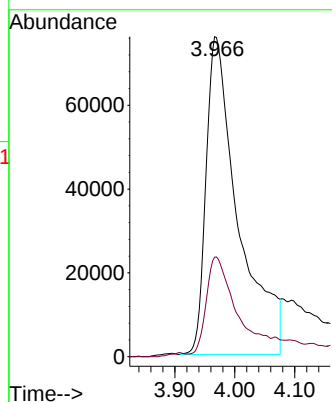
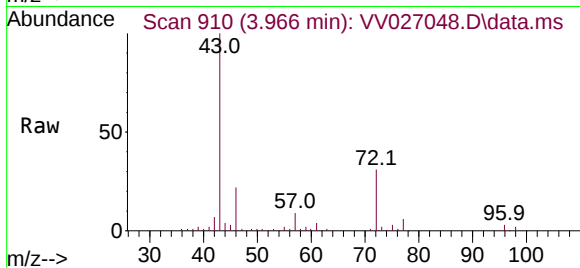




#22
2-Butanone
Concen: 110.598 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

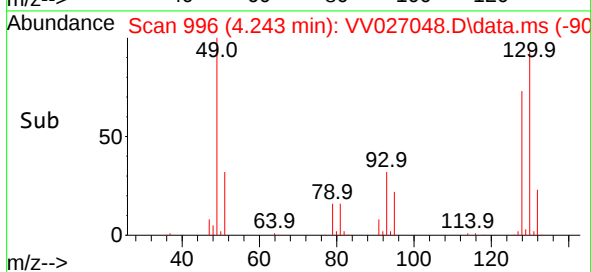
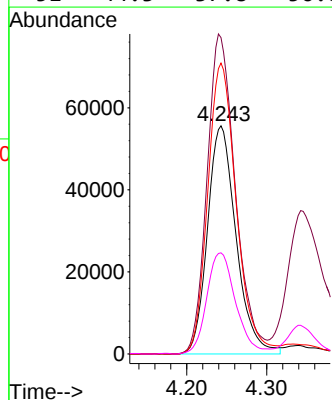
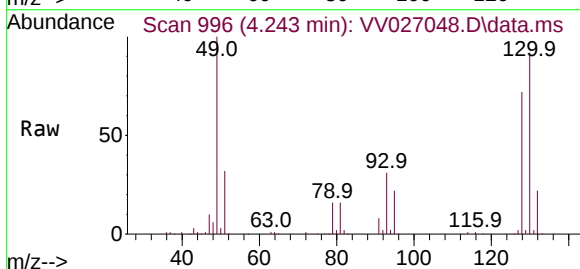
Instrument :
MSVOA_V
ClientSampleId :
VICV245

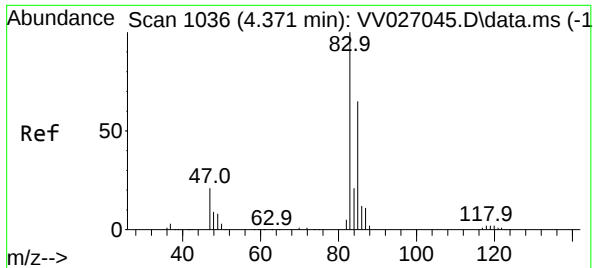
Tgt Ion: 43 Resp: 282599
Ion Ratio Lower Upper
43 100
72 27.5 11.9 35.7



#23
Bromochloromethane
Concen: 53.945 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:128 Resp: 138142
Ion Ratio Lower Upper
128 100
49 138.7 98.7 183.3
130 127.5 89.5 166.1
51 44.3 37.8 56.8

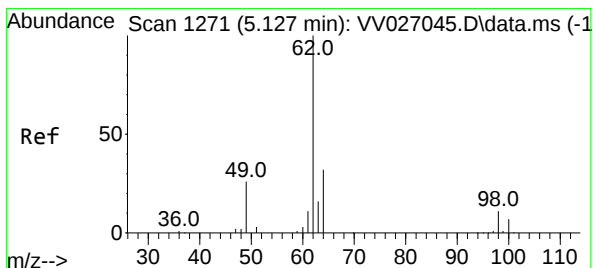
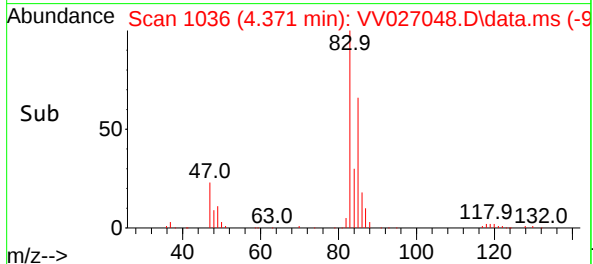
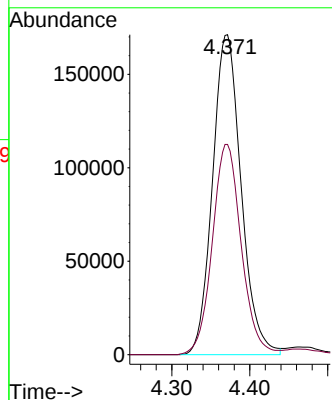
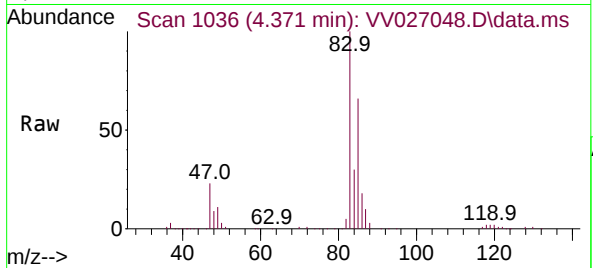




#25
Chloroform
Concen: 51.679 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

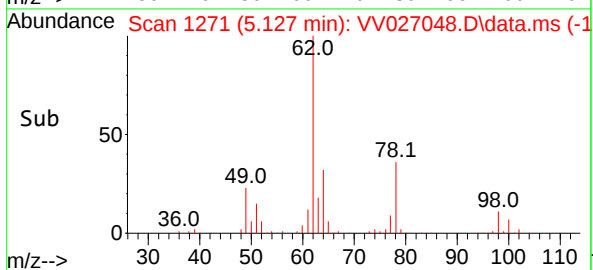
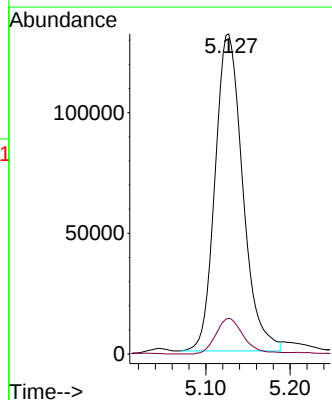
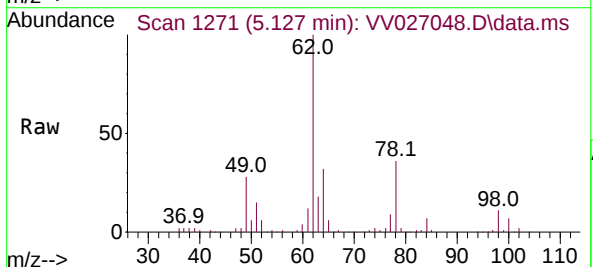
Instrument :
MSVOA_V
ClientSampleId :
VICV245

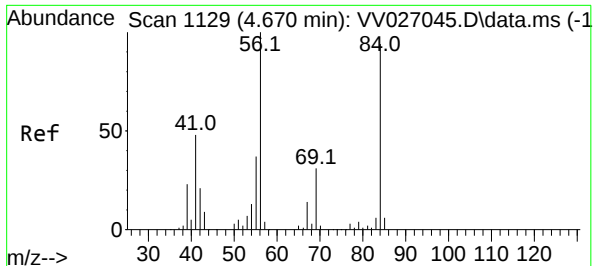
Tgt Ion: 83 Resp: 437383
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 51.421 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 62 Resp: 299472
Ion Ratio Lower Upper
62 100
98 11.2 9.0 13.6





#29

Cyclohexane

Concen: 53.879 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

VICV245

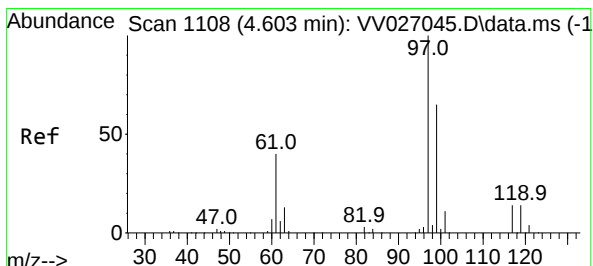
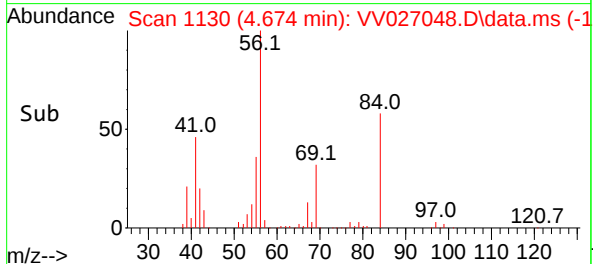
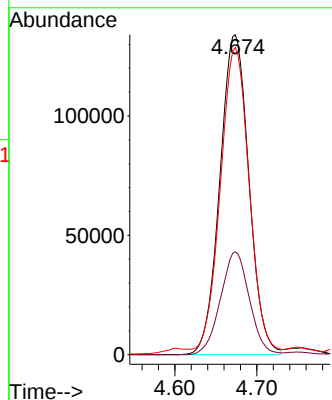
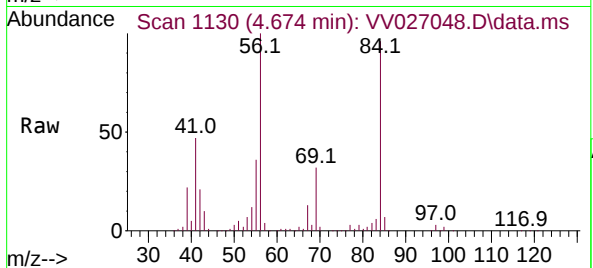
Tgt Ion: 56 Resp: 329832

Ion Ratio Lower Upper

56 100

69 32.0 25.9 38.9

84 92.8 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 50.985 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

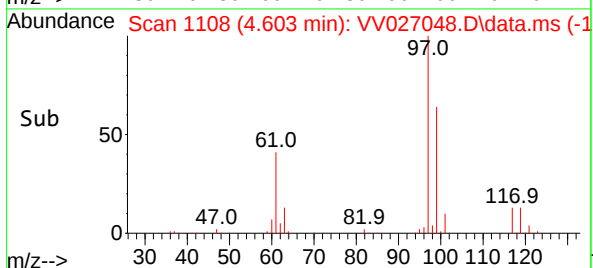
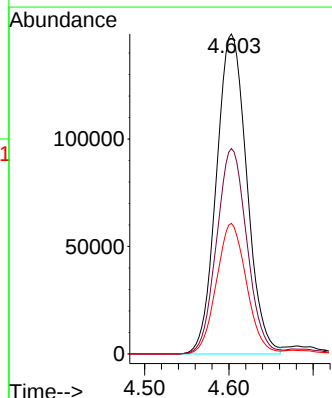
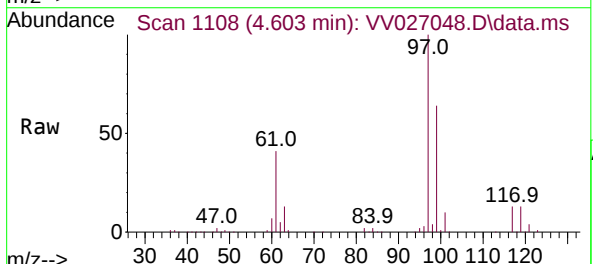
Tgt Ion: 97 Resp: 372857

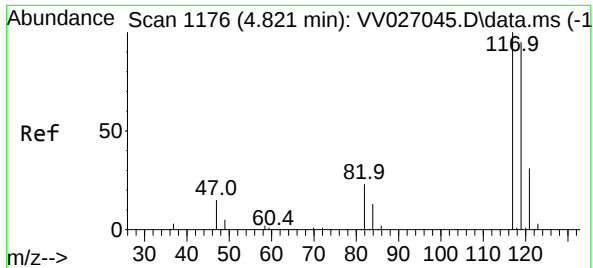
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

61 40.4 32.1 48.1

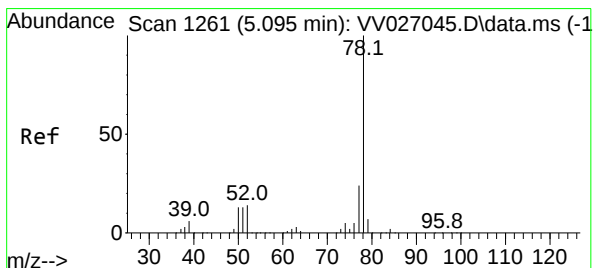
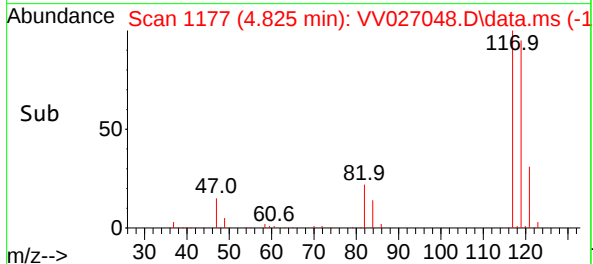
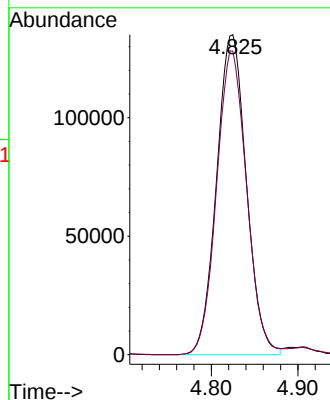
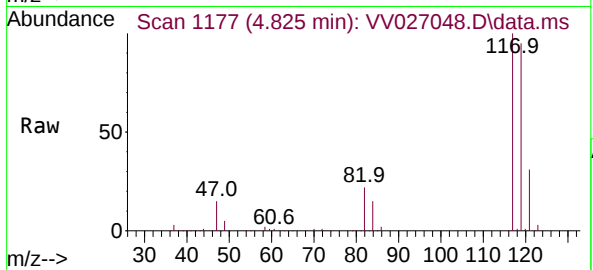




#31
Carbon tetrachloride
Concen: 50.723 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

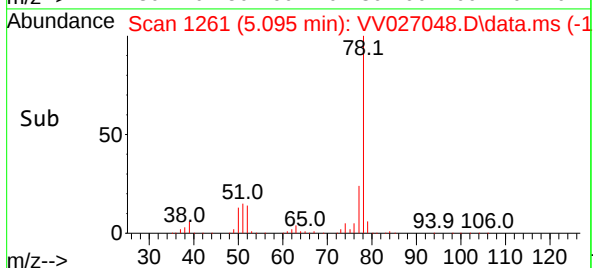
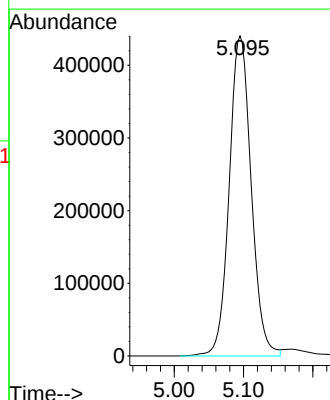
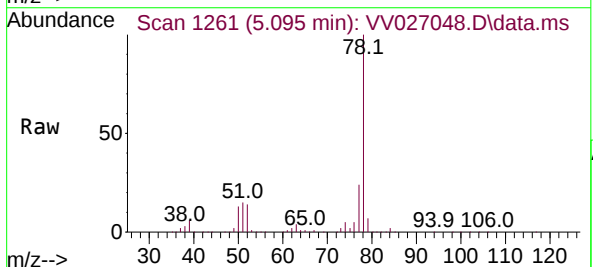
Instrument :
MSVOA_V
ClientSampleId :
VICV245

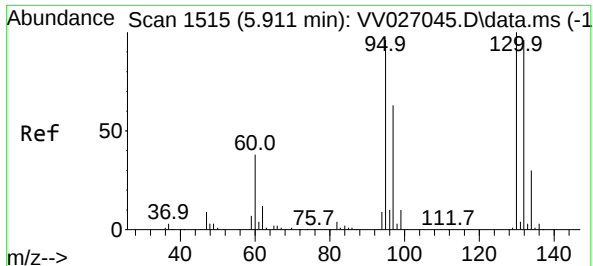
Tgt Ion:117 Resp: 322920
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6



#33
Benzene
Concen: 52.935 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 78 Resp: 971986





#34

Trichloroethene

Concen: 49.511 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

VICV245

Tgt Ion: 95 Resp: 233982

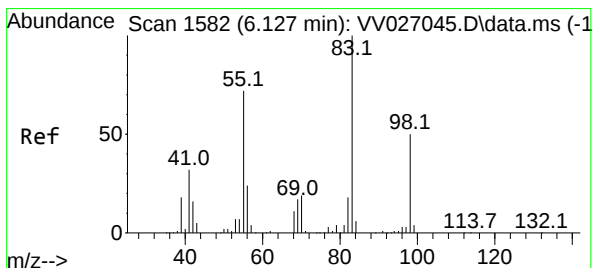
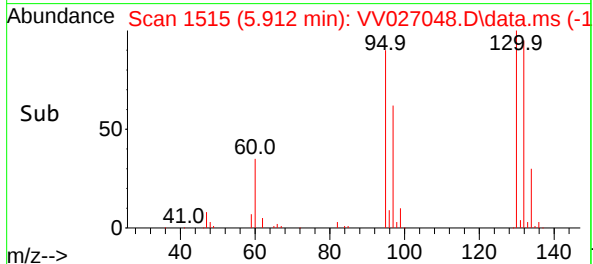
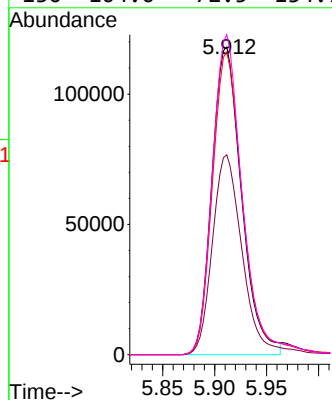
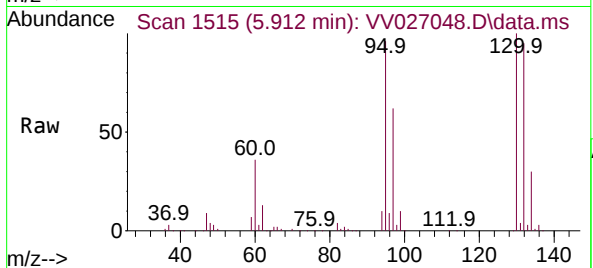
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 98.4 69.8 129.6

130 104.0 72.5 134.7



#35

Methylcyclohexane

Concen: 54.244 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

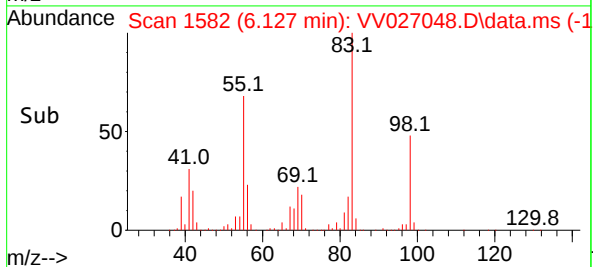
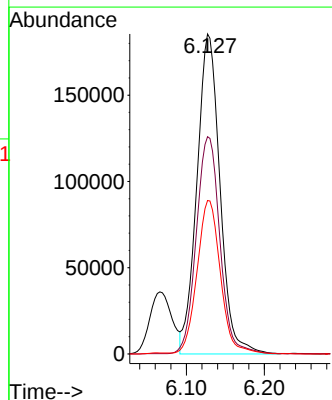
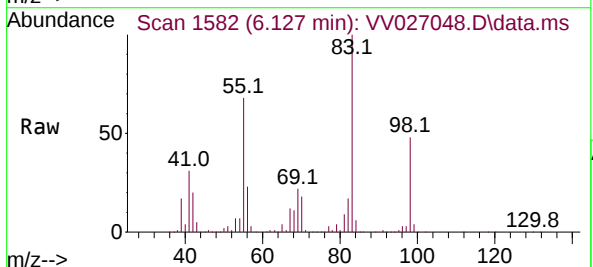
Tgt Ion: 83 Resp: 382439

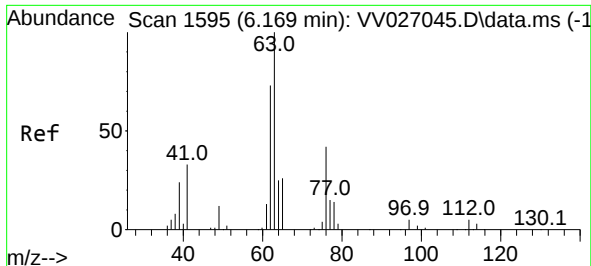
Ion Ratio Lower Upper

83 100

55 69.6 55.5 83.3

98 48.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 54.995 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

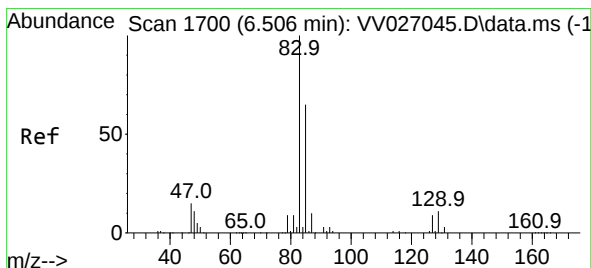
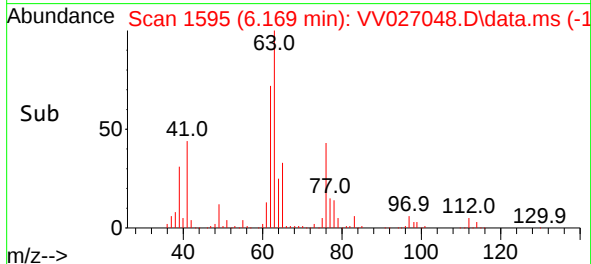
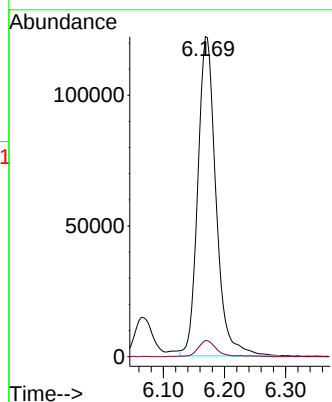
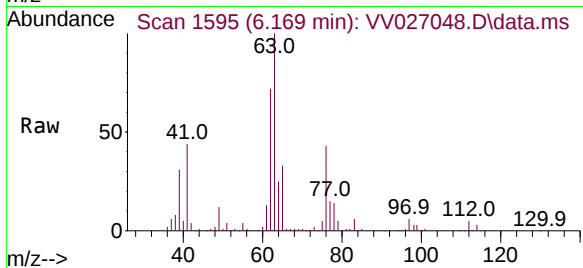
VICV245

Tgt Ion: 63 Resp: 252729

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 53.397 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

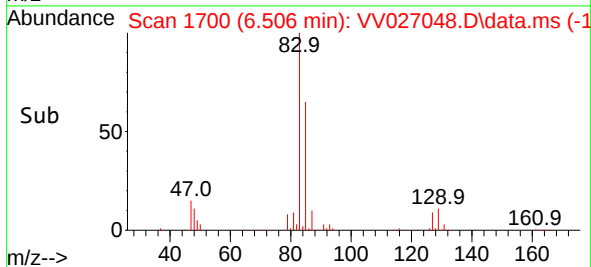
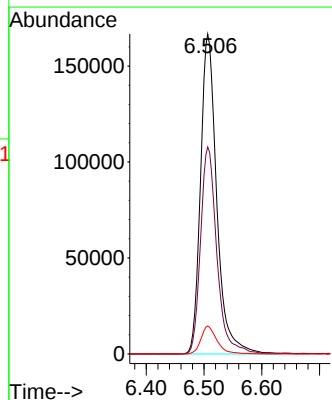
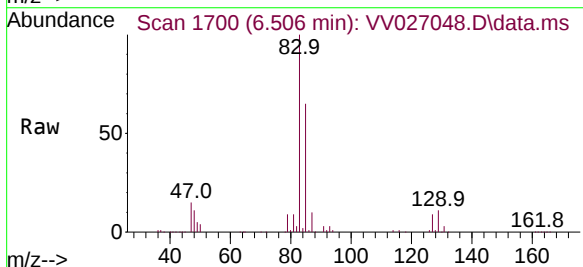
Tgt Ion: 83 Resp: 325932

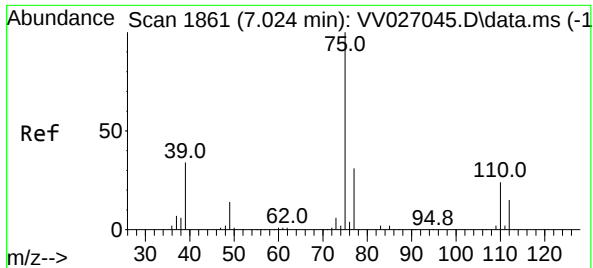
Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 54.778 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

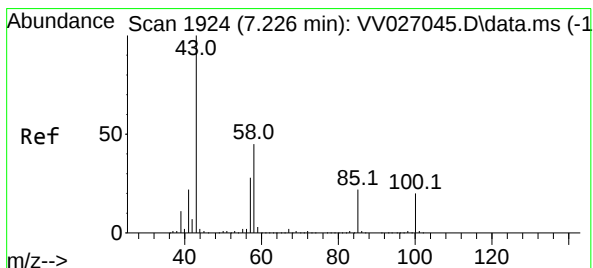
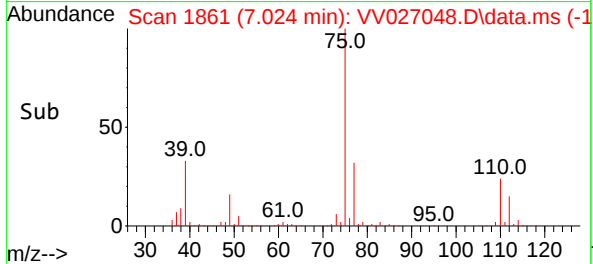
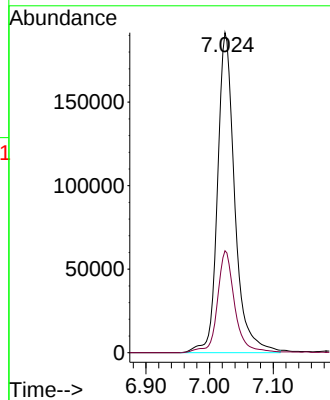
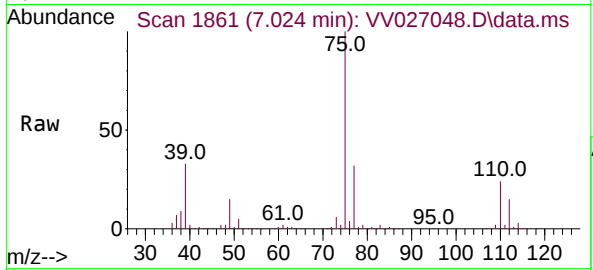
VICV245

Tgt Ion: 75 Resp: 361125

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 114.670 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

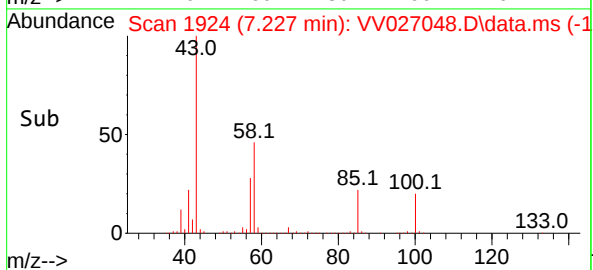
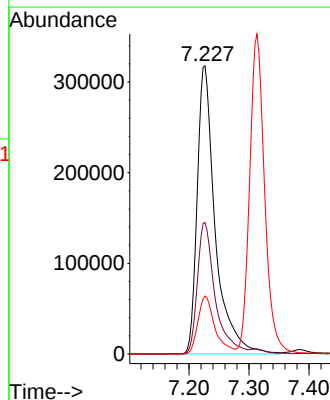
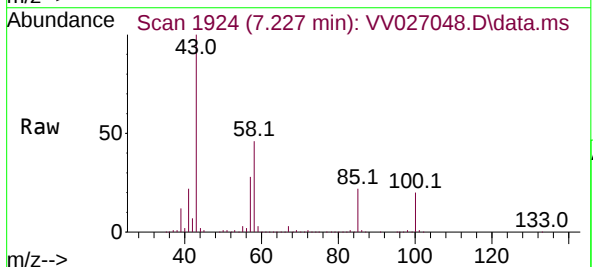
Tgt Ion: 43 Resp: 666525

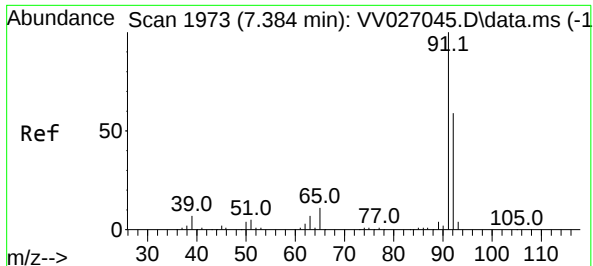
Ion Ratio Lower Upper

43 100

58 44.8 35.3 52.9

100 19.0 15.7 23.5

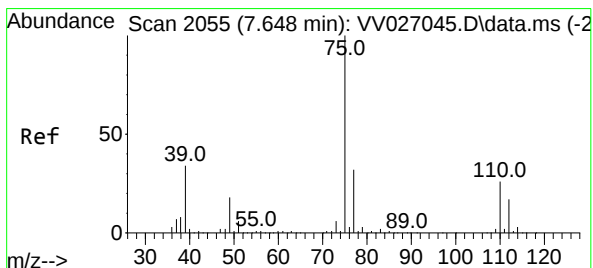
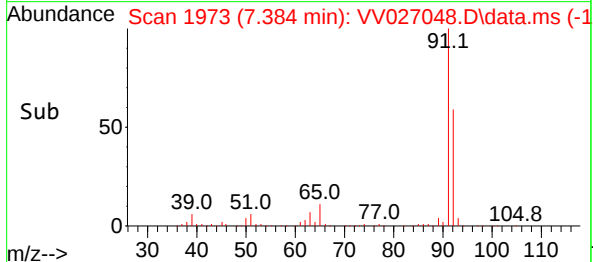
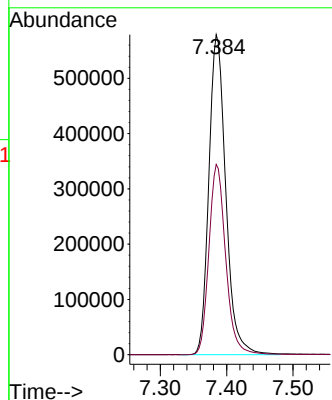
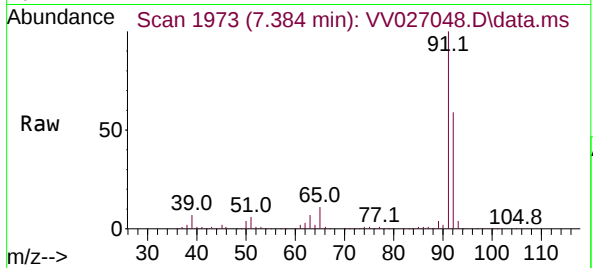




#42
Toluene
Concen: 54.146 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

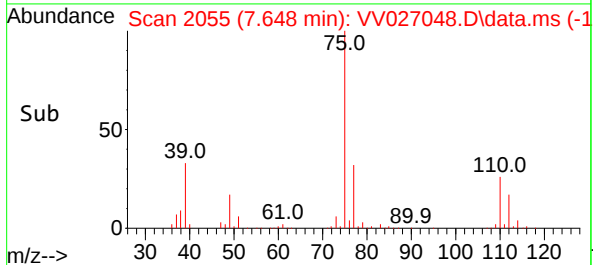
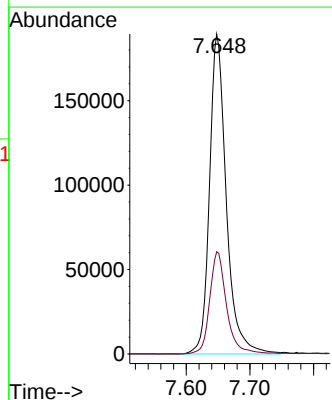
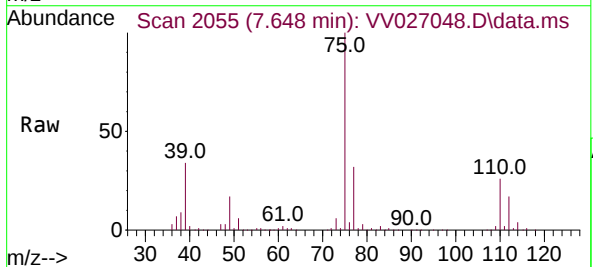
Instrument :
MSVOA_V
ClientSampleId :
VICV245

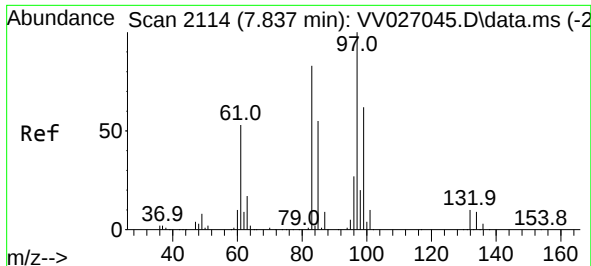
Tgt Ion: 91 Resp: 1025075
Ion Ratio Lower Upper
91 100
92 59.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 54.134 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 75 Resp: 346963
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 53.269 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

VICV245

Tgt Ion: 97 Resp: 262088

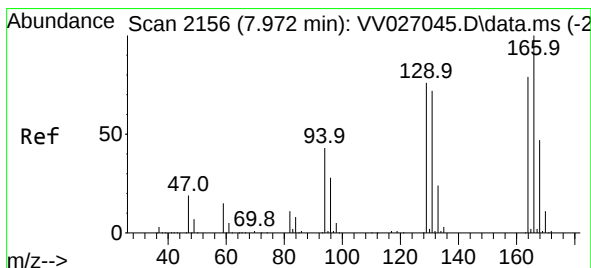
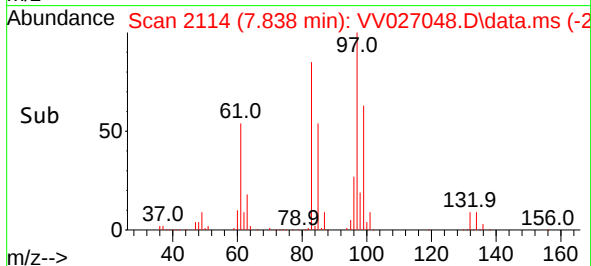
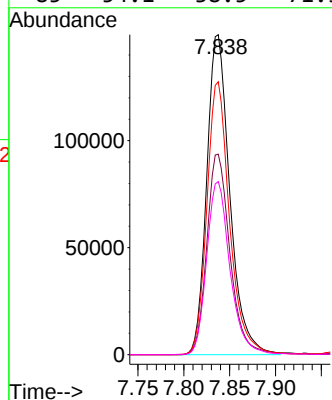
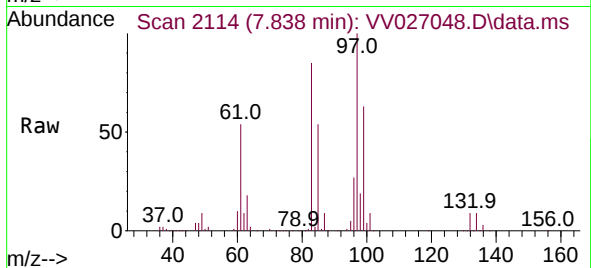
Ion Ratio Lower Upper

97 100

99 62.7 43.2 80.2

83 85.3 58.0 107.6

85 54.1 38.5 71.5



#46

Tetrachloroethene

Concen: 50.574 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Tgt Ion:164 Resp: 186946

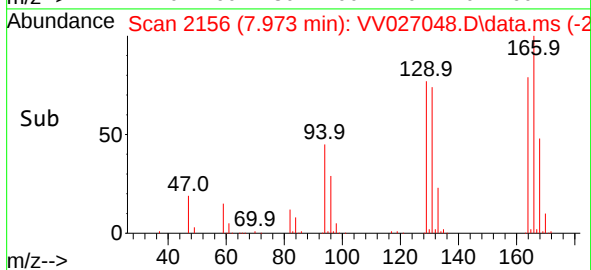
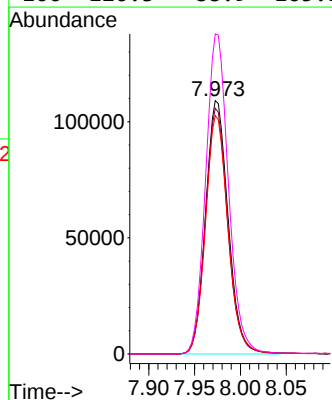
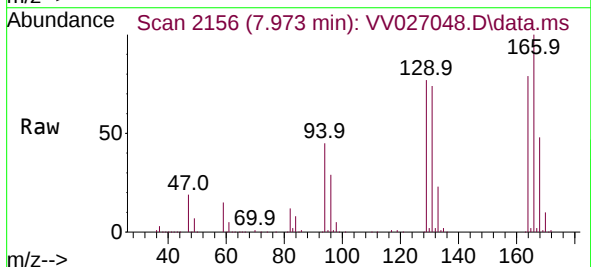
Ion Ratio Lower Upper

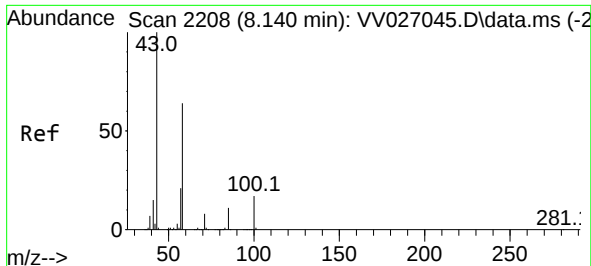
164 100

129 97.0 67.5 125.4

131 94.1 64.3 119.3

166 126.3 88.9 165.1

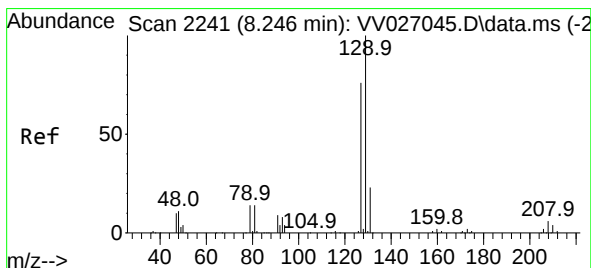
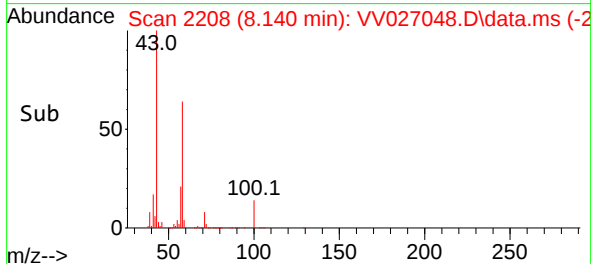
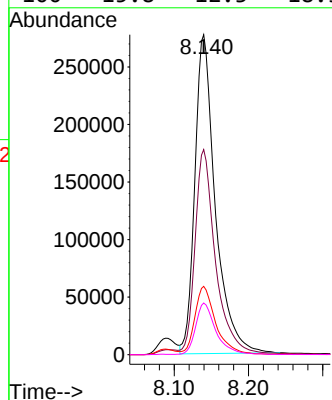
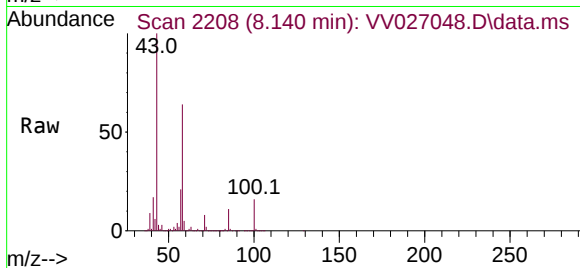




#48
2-Hexanone
Concen: 116.276 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

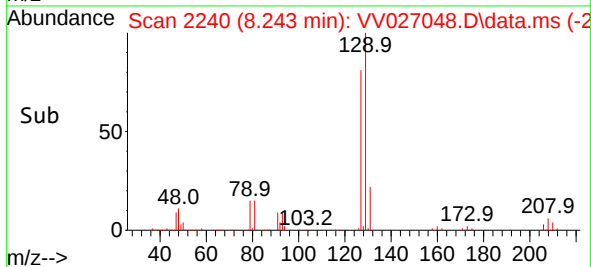
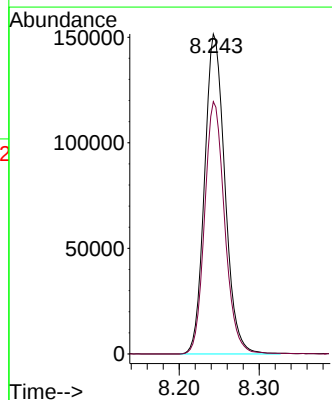
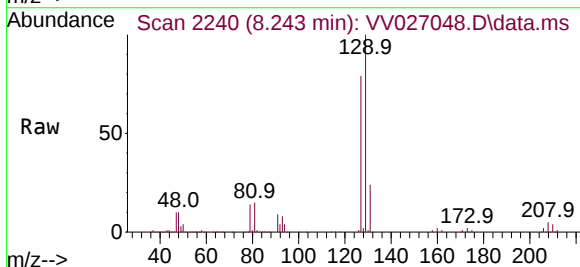
Instrument :
MSVOA_V
ClientSampleId :
VICV245

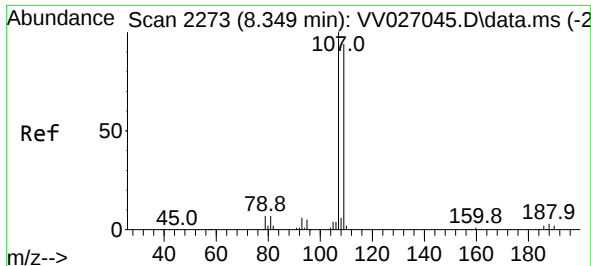
Tgt Ion: 43 Resp: 532611
Ion Ratio Lower Upper
43 100
58 64.1 50.8 76.2
57 21.7 17.1 25.7
100 15.8 12.3 18.5



#49
Dibromochloromethane
Concen: 53.024 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 129 Resp: 268294
Ion Ratio Lower Upper
129 100
127 78.8 53.3 98.9

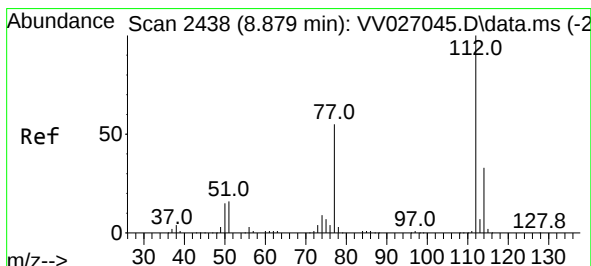
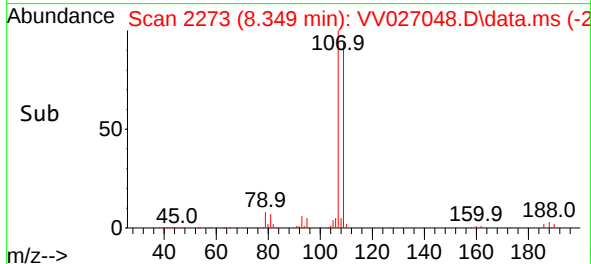
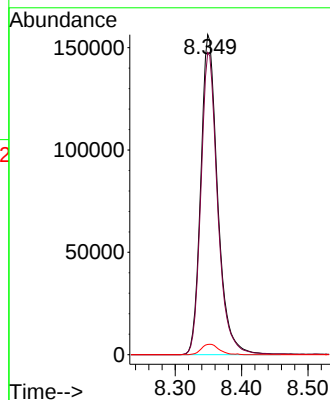
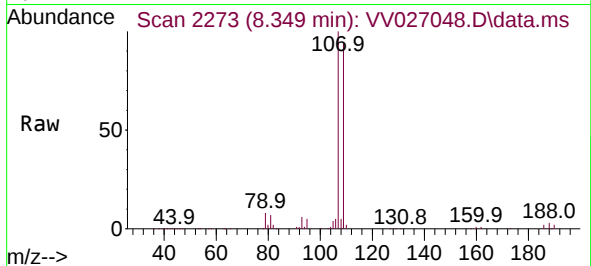




#50
1,2-Dibromoethane
Concen: 53.620 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

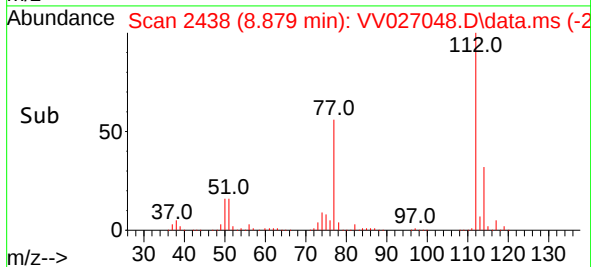
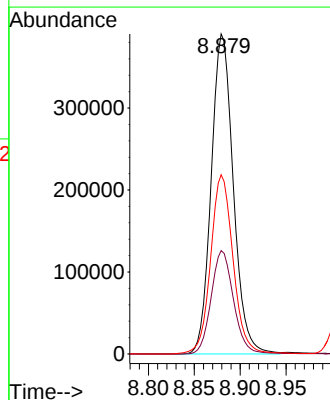
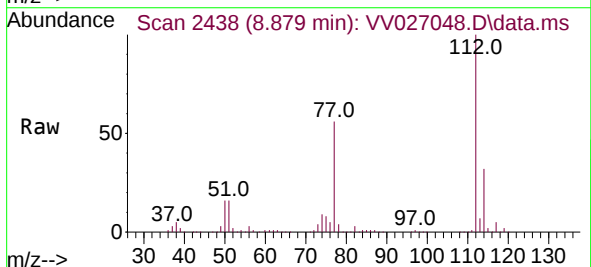
Instrument :
MSVOA_V
ClientSampleId :
VICV245

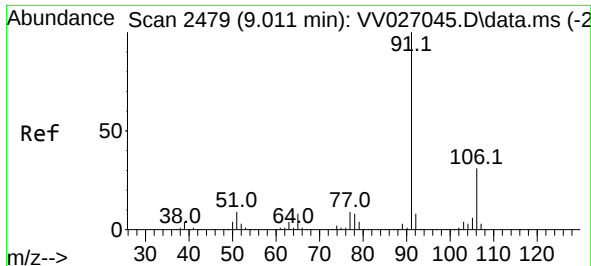
Tgt Ion:107 Resp: 276642
Ion Ratio Lower Upper
107 100
109 94.4 65.7 121.9
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 51.300 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:112 Resp: 654977
Ion Ratio Lower Upper
112 100
114 32.3 22.8 42.4
77 56.0 44.2 66.2

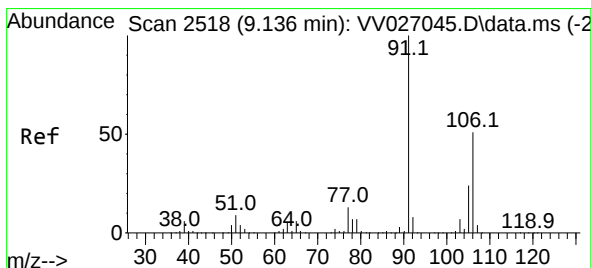
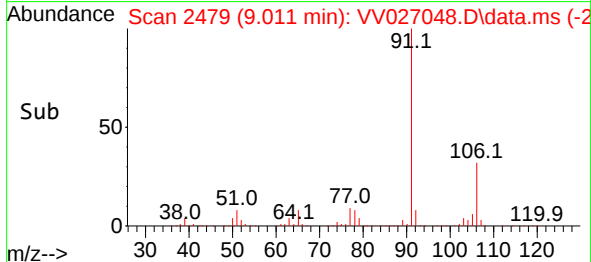
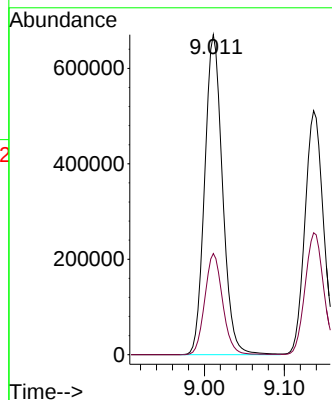
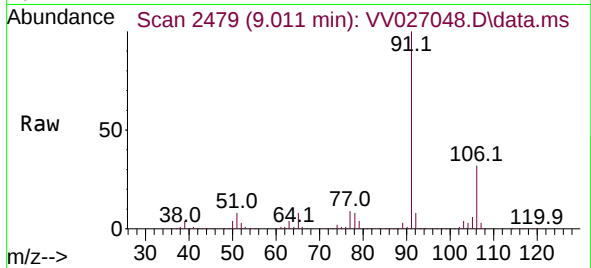




#52
Ethylbenzene
Concen: 54.416 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

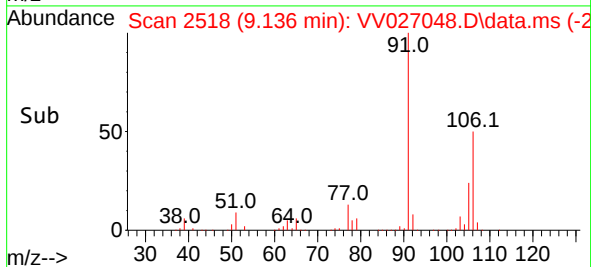
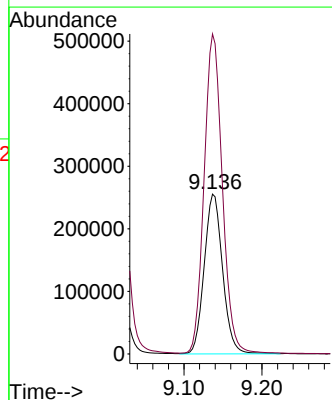
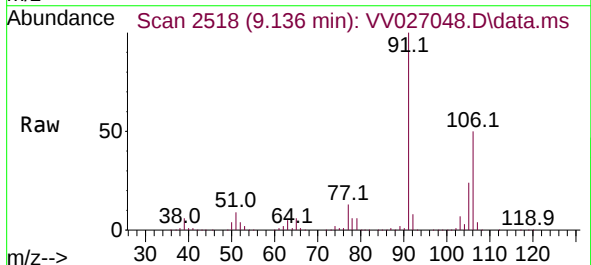
Instrument :
MSVOA_V
ClientSampleId :
VICV245

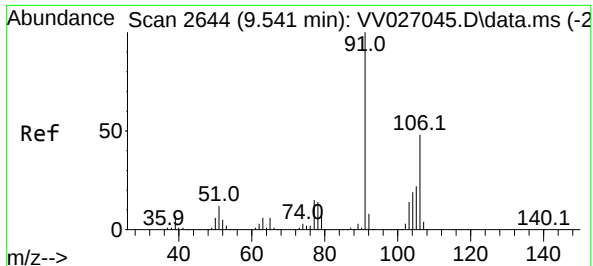
Tgt Ion: 91 Resp: 1043135
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 55.506 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 106 Resp: 418516
Ion Ratio Lower Upper
106 100
91 200.2 137.5 255.3

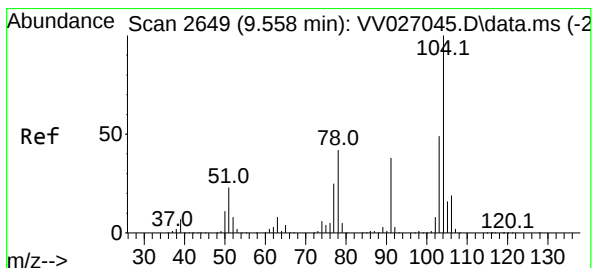
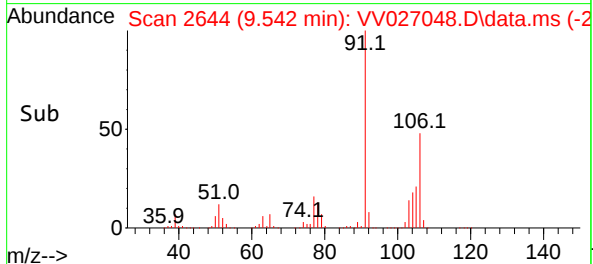
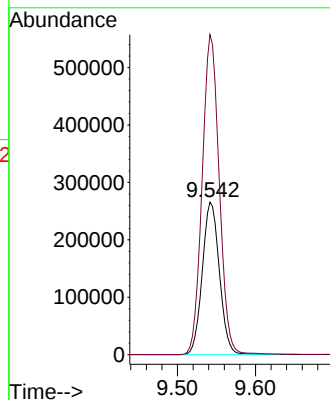
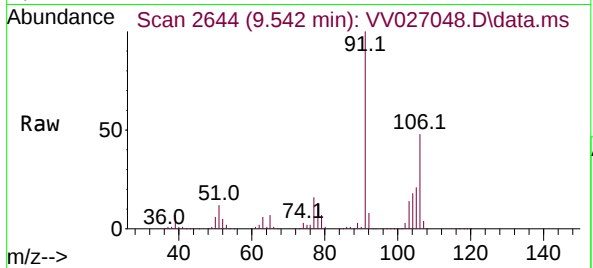




#54
o-Xylene
Concen: 55.874 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

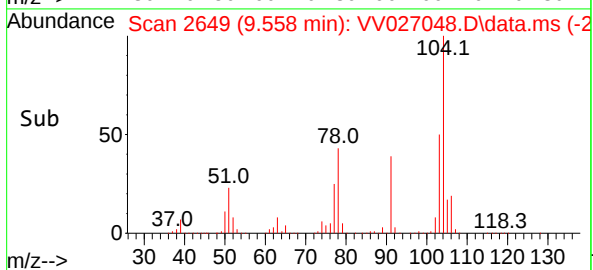
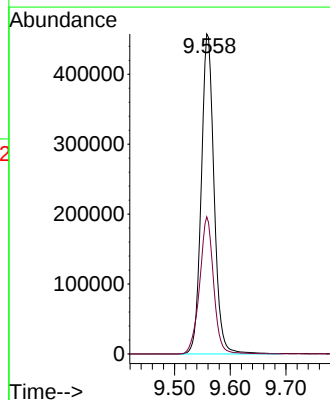
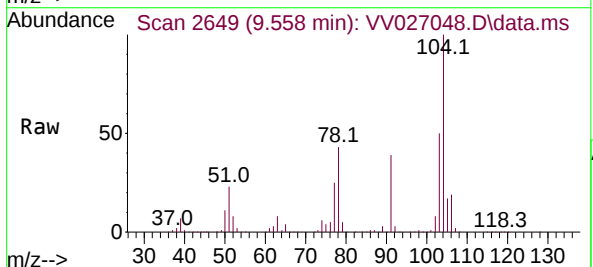
Instrument :
MSVOA_V
ClientSampleId :
VICV245

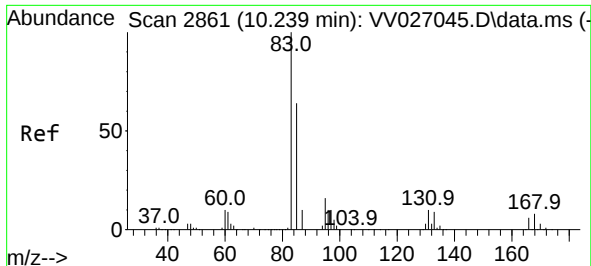
Tgt Ion:106 Resp: 405711
Ion Ratio Lower Upper
106 100
91 209.8 146.6 272.2



#55
Styrene
Concen: 57.741 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:104 Resp: 733772
Ion Ratio Lower Upper
104 100
78 42.8 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.641 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

Instrument :

MSVOA_V

ClientSampleId :

VICV245

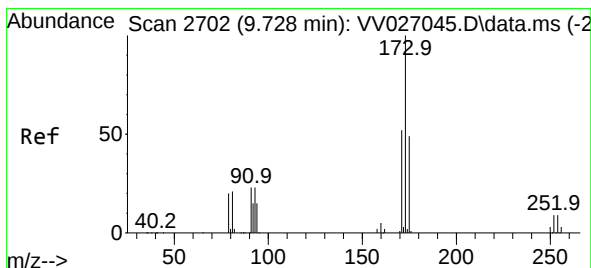
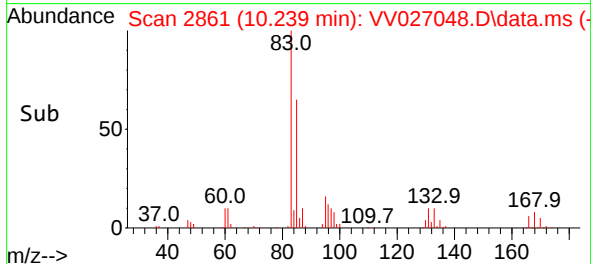
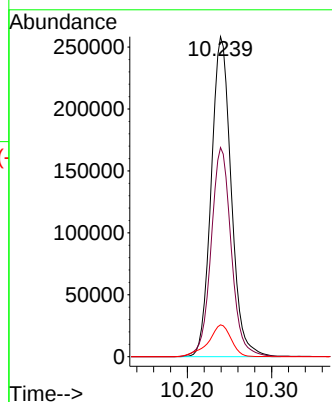
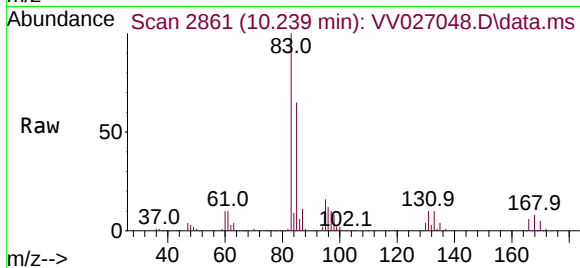
Tgt Ion: 83 Resp: 425508

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

131 10.0 8.1 12.1



#59

Bromoform

Concen: 52.540 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV027048.D

Acq: 28 Jul 2022 20:23

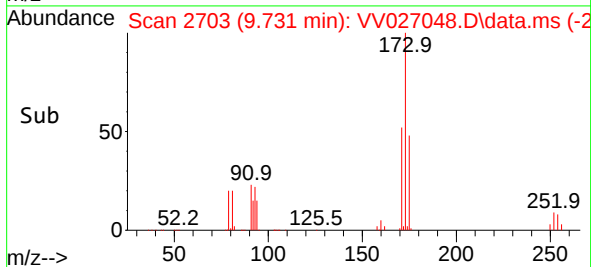
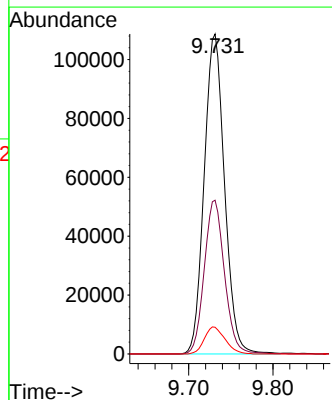
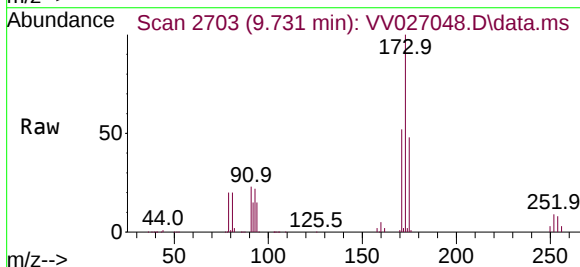
Tgt Ion: 173 Resp: 182916

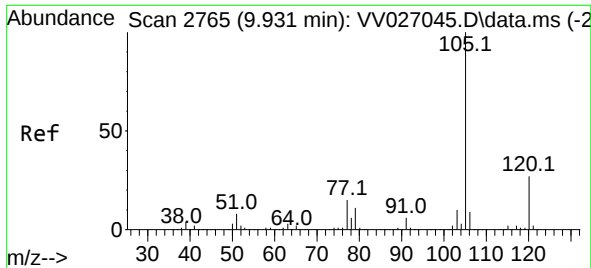
Ion Ratio Lower Upper

173 100

175 47.7 39.0 58.4

254 8.6 6.9 10.3

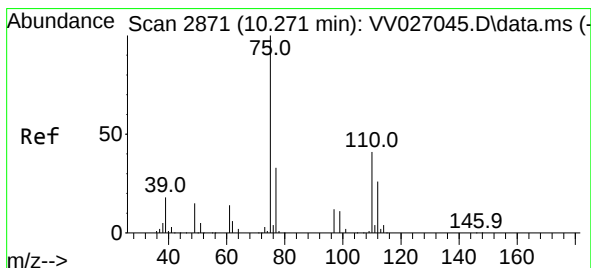
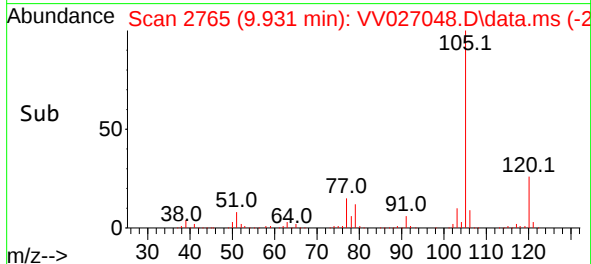
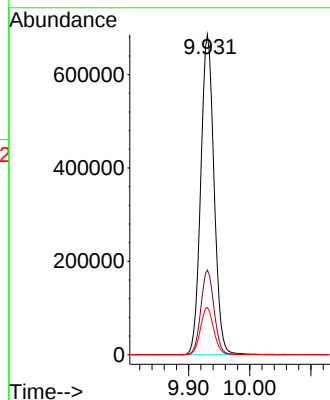
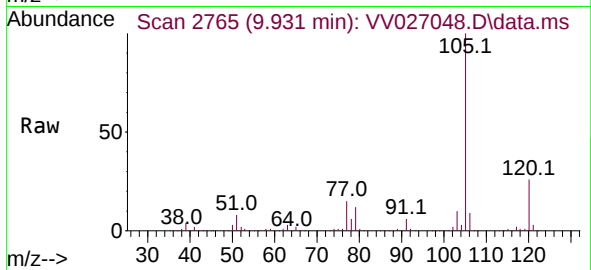




#60
Isopropylbenzene
Concen: 54.101 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

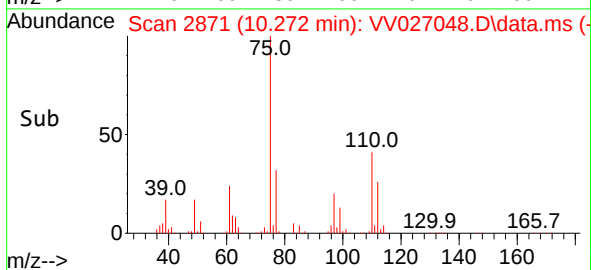
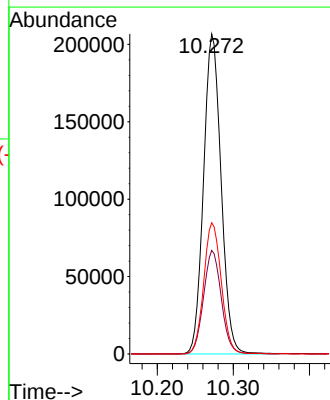
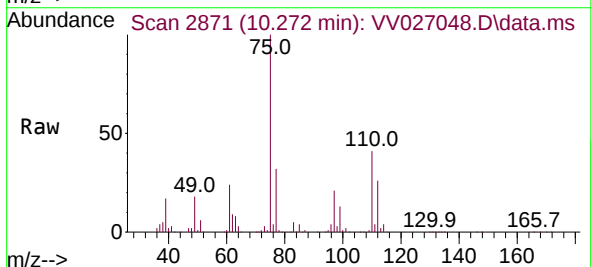
Instrument :
MSVOA_V
ClientSampleId :
VICV245

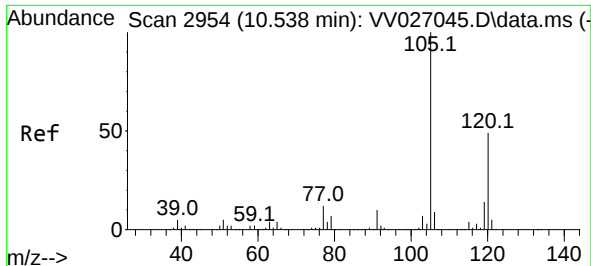
Tgt Ion:105 Resp: 1034727
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.525 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 75 Resp: 331185
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 41.0 32.7 49.1

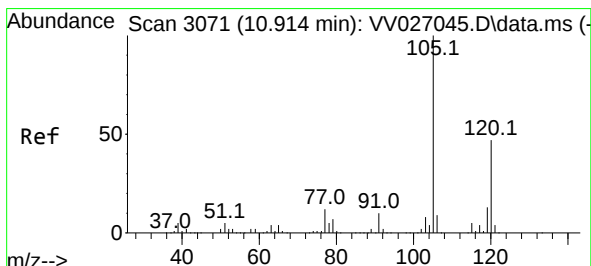
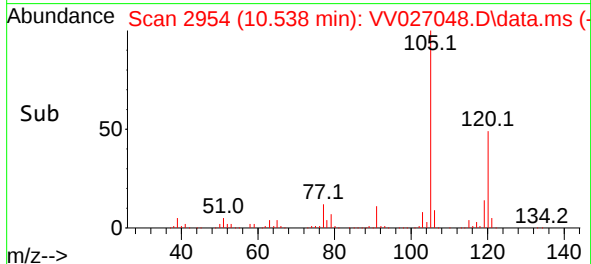
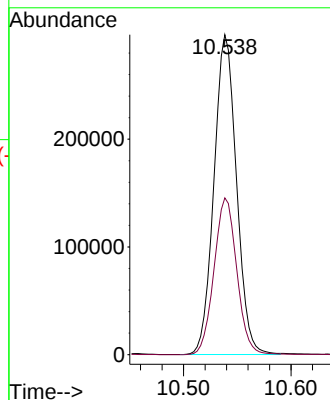
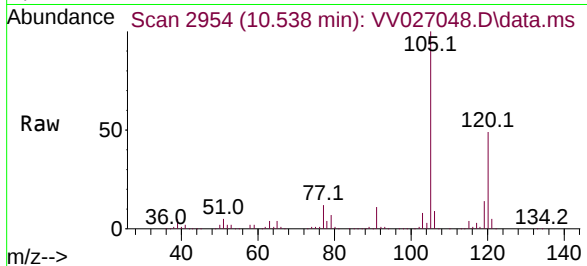




#62
1,3,5-Trimethylbenzene
Concen: 52.770 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

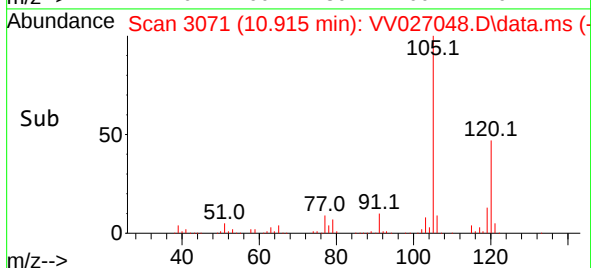
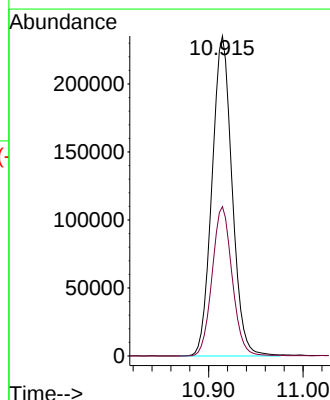
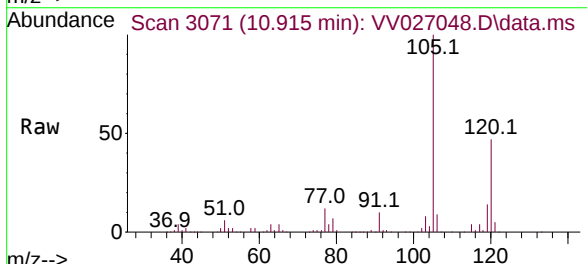
Instrument :
MSVOA_V
ClientSampleId :
VICV245

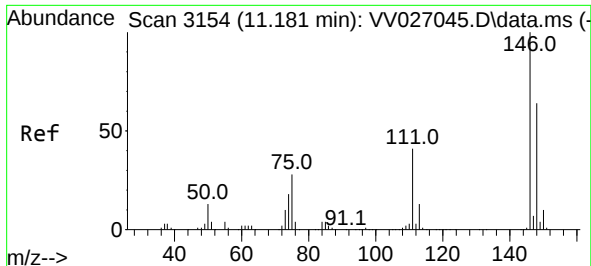
Tgt Ion:105 Resp: 431982
Ion Ratio Lower Upper
105 100
120 49.6 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 53.185 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:105 Resp: 347433
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.6

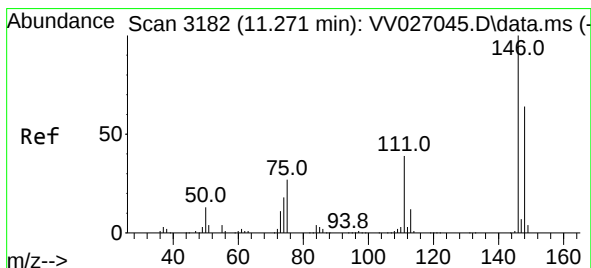
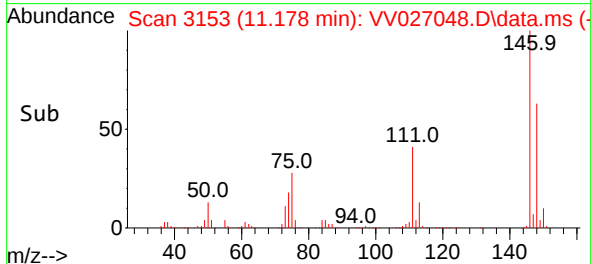
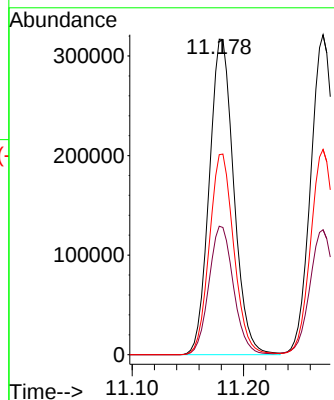
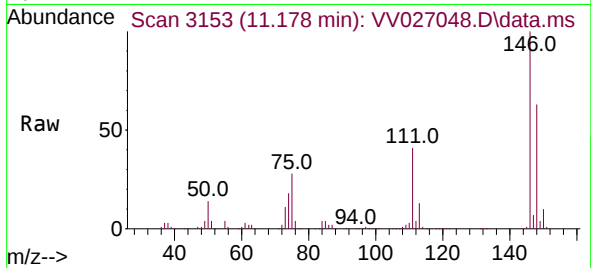




#64
1,3-Dichlorobenzene
Concen: 52.338 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

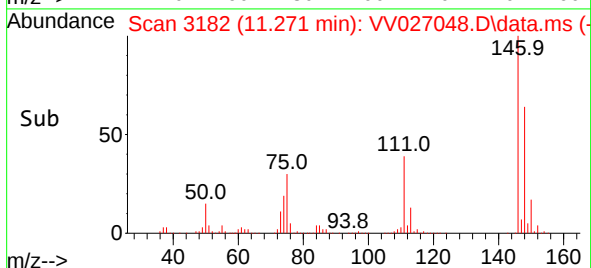
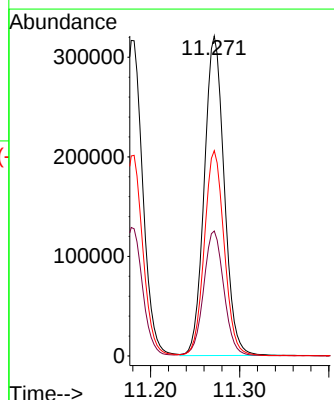
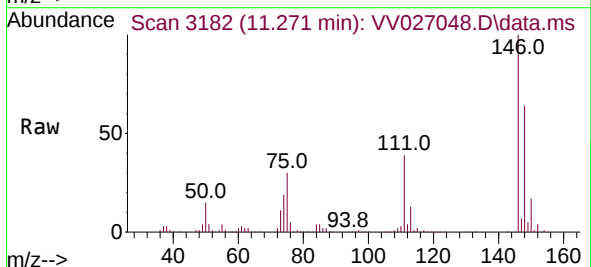
Instrument :
MSVOA_V
ClientSampleId :
VICV245

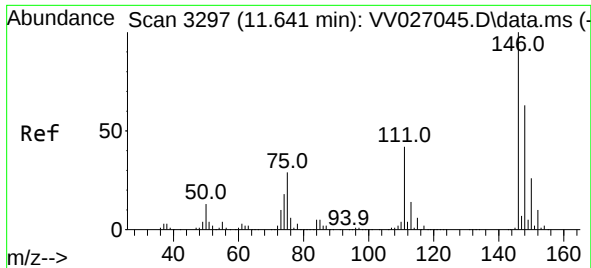
Tgt Ion:146 Resp: 485942
Ion Ratio Lower Upper
146 100
111 40.7 28.4 52.8
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 50.940 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:146 Resp: 498395
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 64.2 44.6 82.8

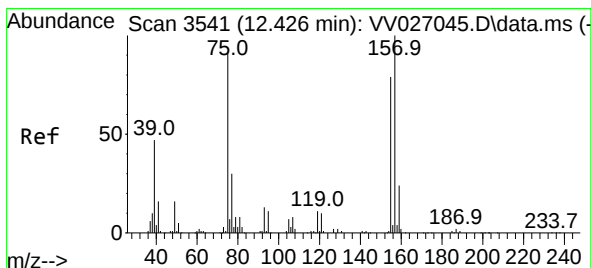
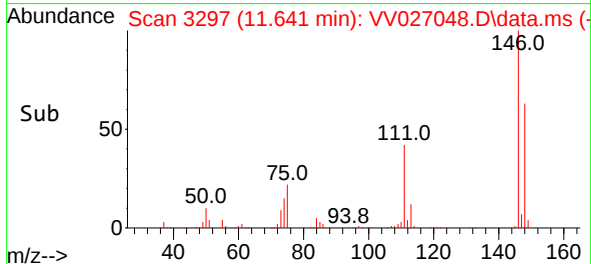
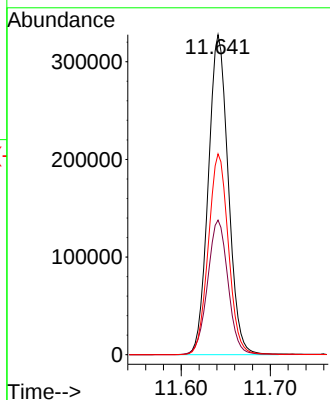
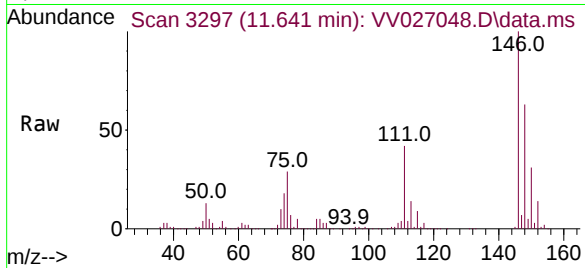




#67
1,2-Dichlorobenzene
Concen: 52.535 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

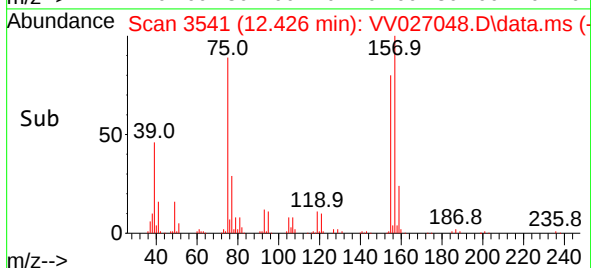
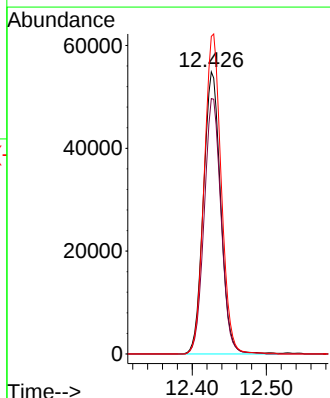
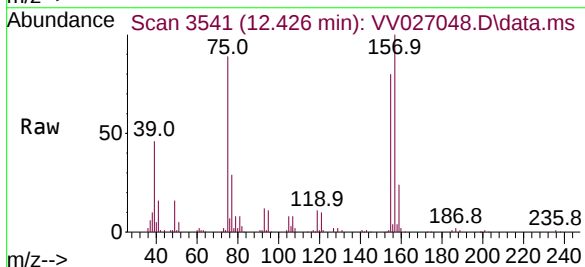
Instrument :
MSVOA_V
ClientSampleId :
VICV245

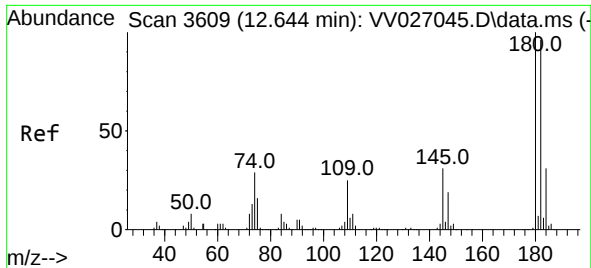
Tgt Ion:146 Resp: 509389
Ion Ratio Lower Upper
146 100
111 42.0 34.0 51.0
148 62.8 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 52.508 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion: 75 Resp: 88487
Ion Ratio Lower Upper
75 100
155 90.5 69.1 103.7
157 112.6 87.8 131.8

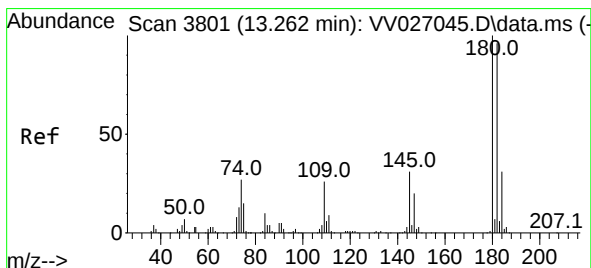
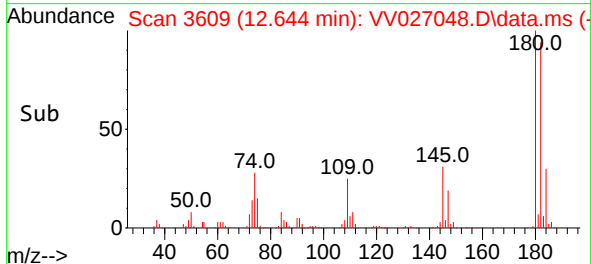
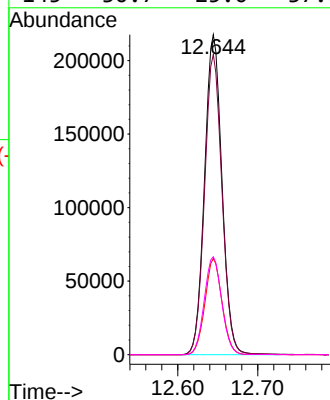
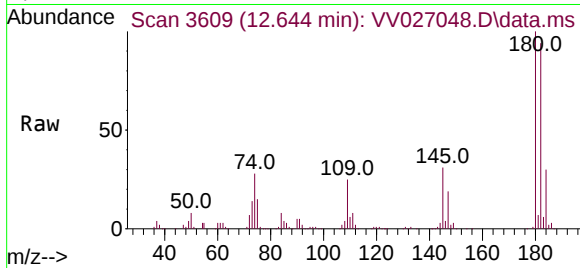




#69
 1,3,5-Trichlorobenzene
 Concen: 52.409 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

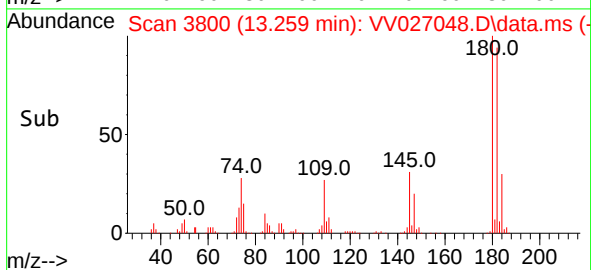
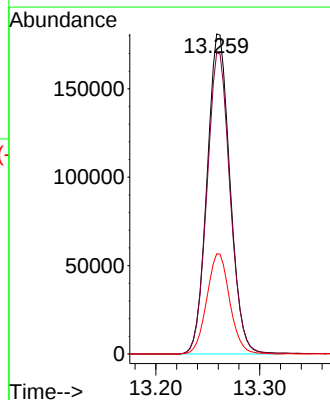
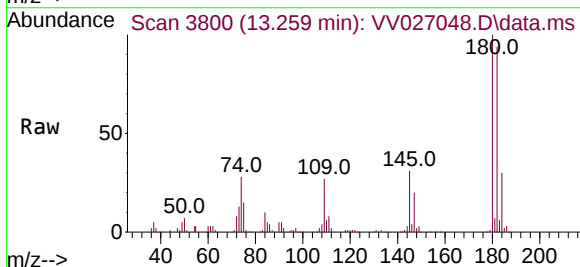
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV245

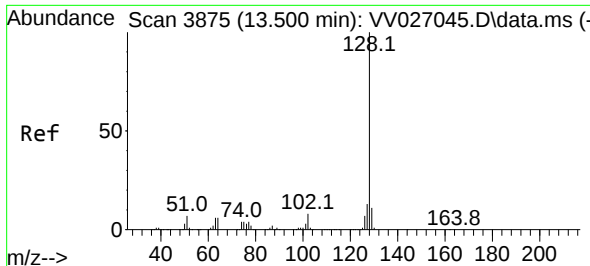
Tgt	Ion:180	Resp:	330034
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
184	29.5	24.8	37.2
145	30.7	25.0	37.6



#70
 1,2,4-trichlorobenzene
 Concen: 51.454 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027048.D
 Acq: 28 Jul 2022 20:23

Tgt Ion:180	Resp:	277334	
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	31.4	24.7	37.1

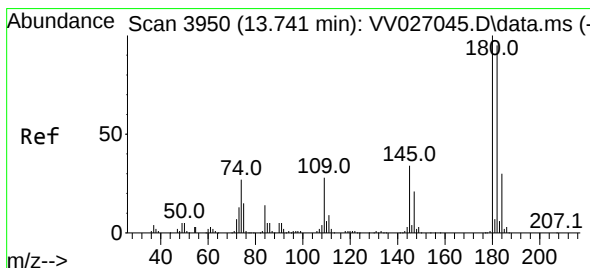
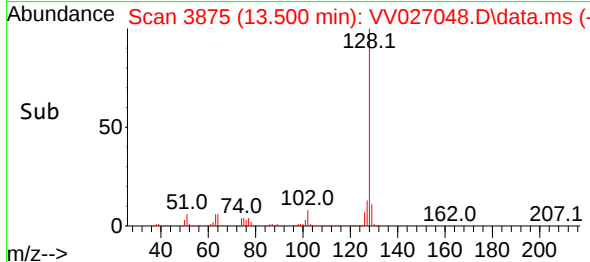
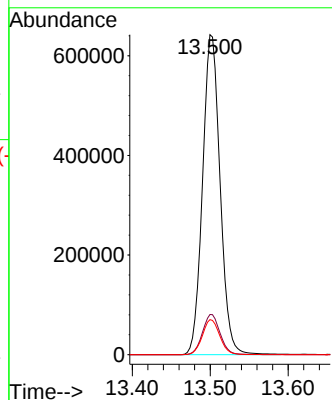
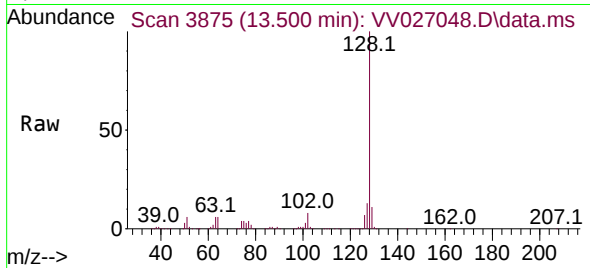




#71
Naphthalene
Concen: 53.519 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Instrument :
MSVOA_V
ClientSampleId :
VICV245

Tgt Ion:128 Resp: 1003726
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.746 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027048.D
Acq: 28 Jul 2022 20:23

Tgt Ion:180 Resp: 314204
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 33.6 27.4 41.0

