

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032675.D
 Acq On : 27 Oct 2023 11:20
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	146632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	169011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63392	5.276	ug/L	0.00
7) Chloroethane-d5	1.532	69	53237	5.419	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	26544	5.226	ug/L	0.00
20) 2-Butanone-d5	3.831	46	114271	38.843	ug/L	0.00
24) Chloroform-d	4.249	84	109002	5.182	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	50746	5.104	ug/L	0.00
32) Benzene-d6	4.960	84	209838	4.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	60880	3.891	ug/L	0.00
41) Toluene-d8	7.243	98	219882	4.938	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	25158	4.500	ug/L	0.00
46) 2-Hexanone-d5	8.031	63	106759	41.344	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50857	4.548	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	72537	4.541	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	78767	4.855	ug/L	100
3) Chloromethane	1.214	50	90142	5.339	ug/L	100
5) Vinyl chloride	1.282	62	89409	5.514	ug/L	100
6) Bromomethane	1.487	94	50550	5.232	ug/L	100
8) Chloroethane	1.548	64	56883	5.750	ug/L	100
9) Trichlorofluoromethane	1.712	101	121804	6.100	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	70966	5.903	ug/L	100
12) 1,1-Dichloroethene	2.066	96	67060	5.918	ug/L	100
13) Acetone	2.156	43	113012	48.177	ug/L	95
14) Carbon disulfide	2.237	76	213630	5.511	ug/L	100
15) Methyl Acetate	2.394	43	23481	4.573	ug/L	100
16) Methylene chloride	2.446	84	80063	5.464	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	143897	4.918	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	67185	5.336	ug/L	100
19) 1,1-Dichloroethane	3.111	63	118177	5.064	ug/L	100
21) 2-Butanone	3.905	43	170199	47.225	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	68027	5.100	ug/L	100
23) Bromochloromethane	4.150	128	32105	5.591	ug/L	100
25) Chloroform	4.275	83	129816	5.532	ug/L	100
27) 1,2-Dichloroethane	5.043	62	79697	5.687	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	107198	4.736	ug/L	100
30) Cyclohexane	4.580	56	91620	3.843	ug/L	100
31) Carbon tetrachloride	4.735	117	94913	4.905	ug/L	100
33) Benzene	5.008	78	273933	4.695	ug/L	100
34) Trichloroethene	5.834	95	71413	4.524	ug/L	100
35) Methylcyclohexane	6.050	83	109686	4.473	ug/L	100
37) 1,2-Dichloropropane	6.095	63	62155	4.063	ug/L	100
38) Bromodichloromethane	6.436	83	88520	4.757	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	100602	4.515	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	431245	44.271	ug/L	100
42) Toluene	7.317	91	328230	5.146	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	87398	4.748	ug/L	100

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 ALS Vial : 5 Sample Multiplier: 1

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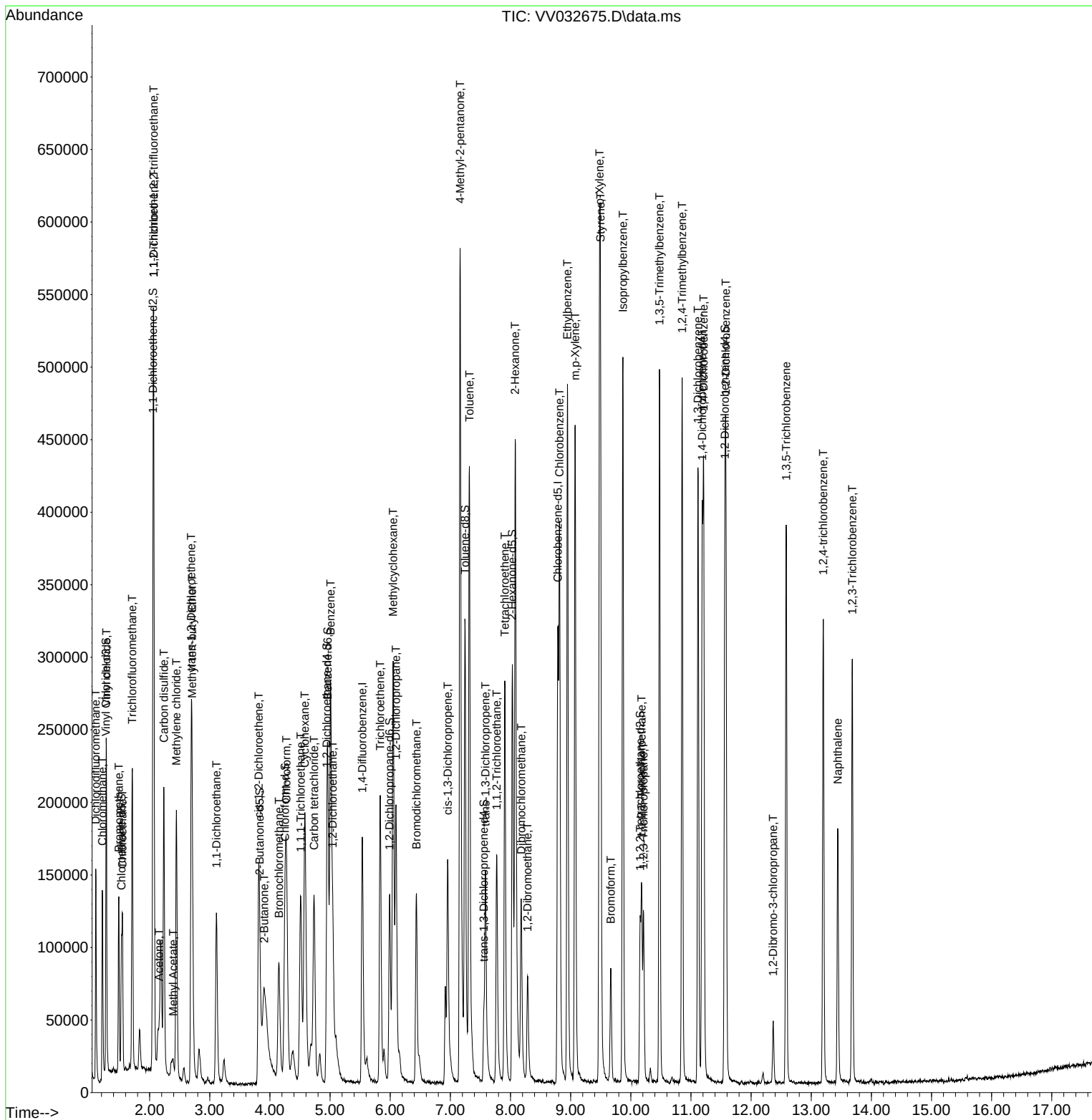
Quant Time: Oct 27 23:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
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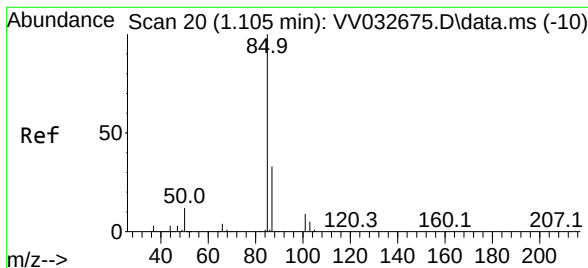
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	53260	4.789	ug/L	100
47) Tetrachloroethene	7.905	164	63981	5.140	ug/L	100
48) 2-Hexanone	8.079	43	309957	45.325	ug/L	100
49) Dibromochloromethane	8.178	129	64050	5.377	ug/L	100
50) 1,2-Dibromoethane	8.285	107	50551	4.806	ug/L	100
51) Chlorobenzene	8.815	112	205248	5.022	ug/L	100
52) Ethylbenzene	8.947	91	335723	4.800	ug/L	100
53) m,p-Xylene	9.075	106	128280	4.935	ug/L	100
54) o-Xylene	9.481	106	125359	4.977	ug/L	100
55) Styrene	9.497	104	215244	5.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	63327	5.119	ug/L	100
59) Bromoform	9.667	173	34917	5.312	ug/L	100
60) Isopropylbenzene	9.870	105	311035	4.605	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	45545	4.839	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	250479	4.554	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	253914	4.635	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	163933	4.974	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	161364	4.893	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	147596	4.920	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	9788	5.044	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	112939	4.730	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	93340	4.448	ug/L	100
71) Naphthalene	13.442	128	137925	3.929	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	83600	4.601	ug/L	100

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

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QLast Update : Fri Oct 27 23:36:39 2023
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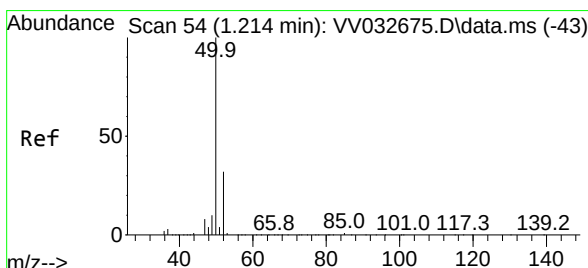
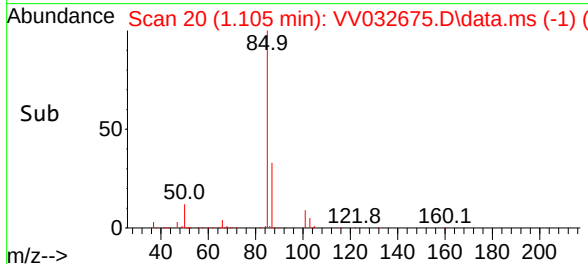
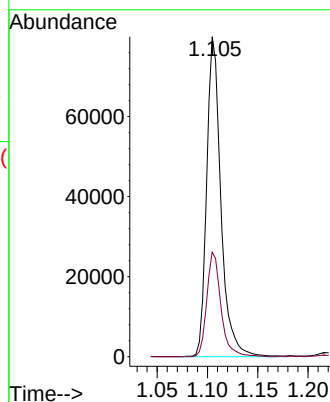
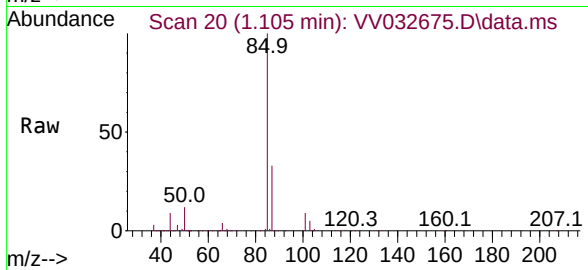




#2
 Dichlorodifluoromethane
 Concen: 4.855 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

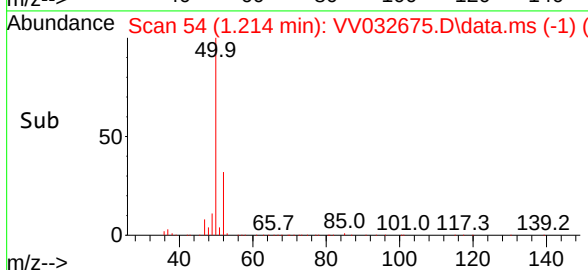
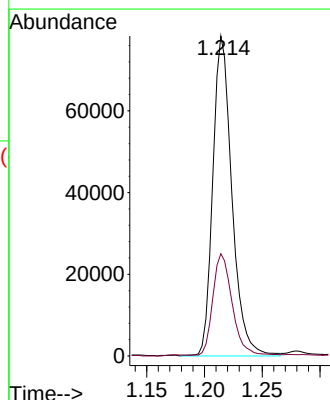
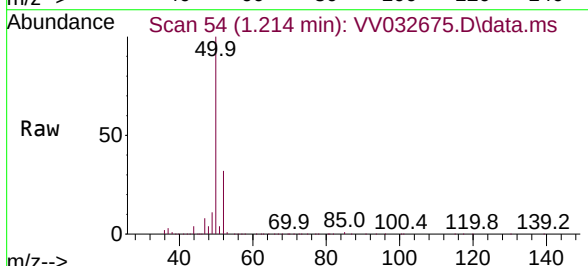
Instrument :
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 ClientSampleId :

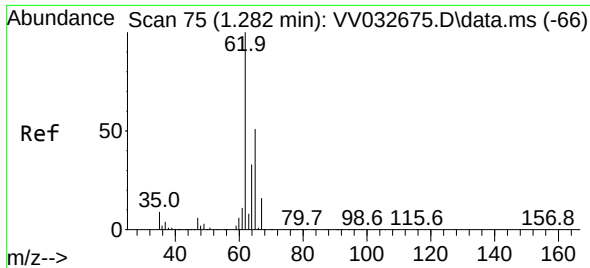
Tgt Ion: 85 Resp: 78767
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 5.339 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

Tgt Ion: 50 Resp: 90142
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5



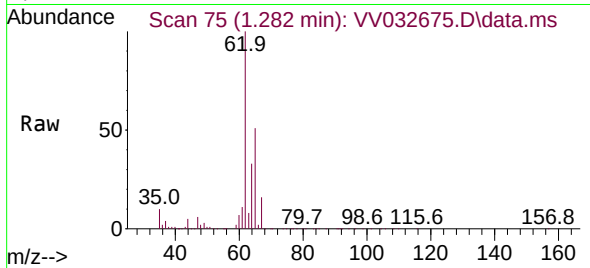


#5
 Vinyl chloride
 Concen: 5.514 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

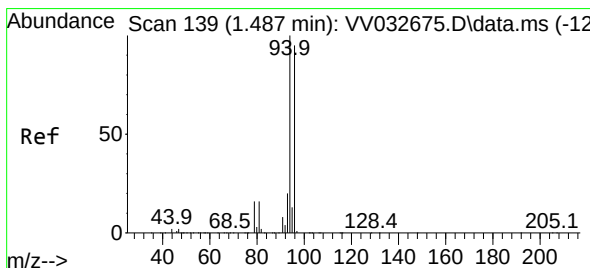
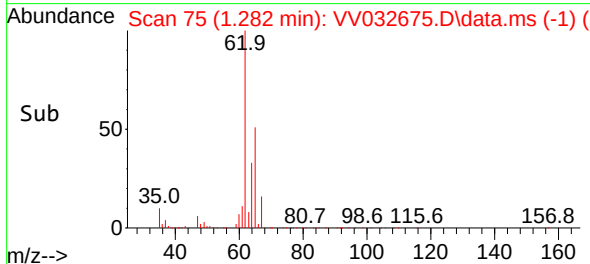
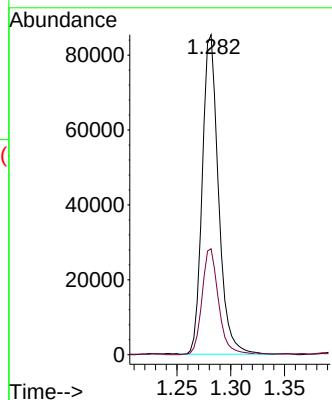
Instrument :

MSVOA_V

ClientSampleId :

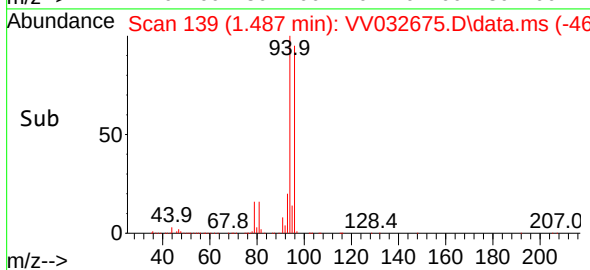
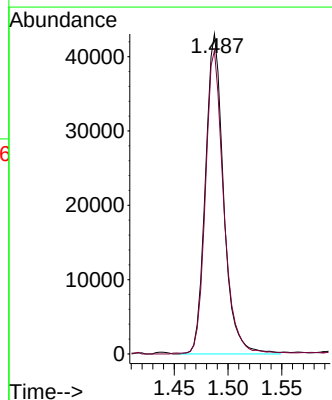
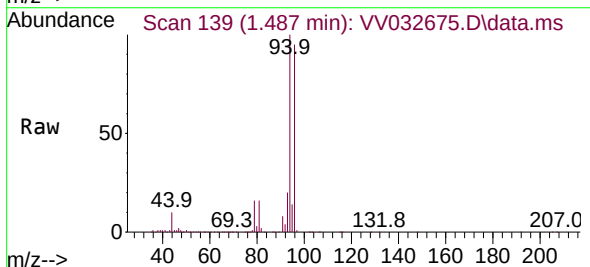


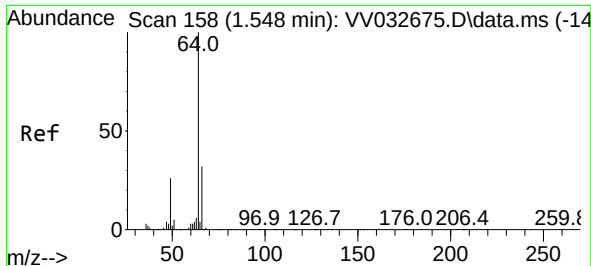
Tgt Ion: 62 Resp: 89409
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 5.232 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

Tgt Ion: 94 Resp: 50550
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.4 123.2

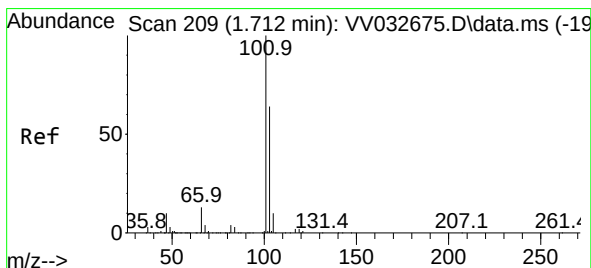
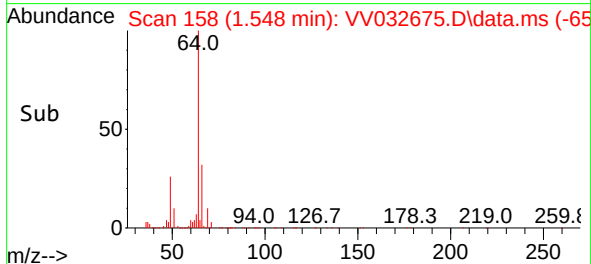
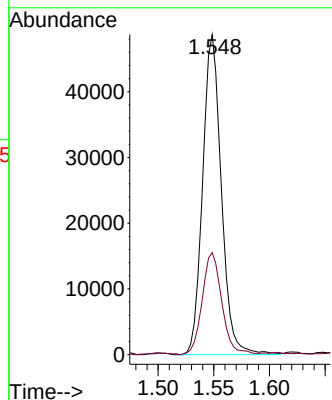
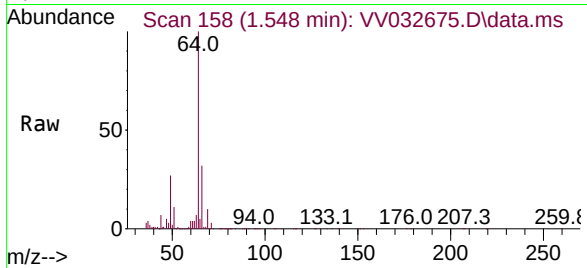




#8
Chloroethane
Concen: 5.750 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

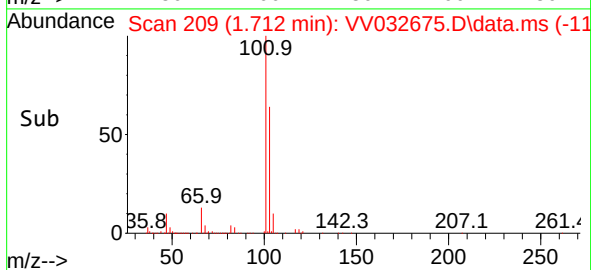
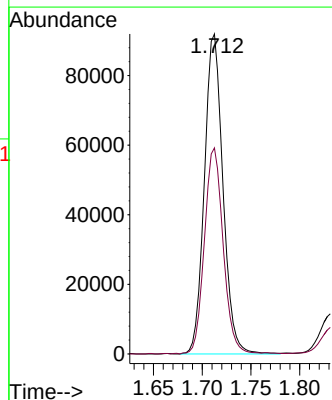
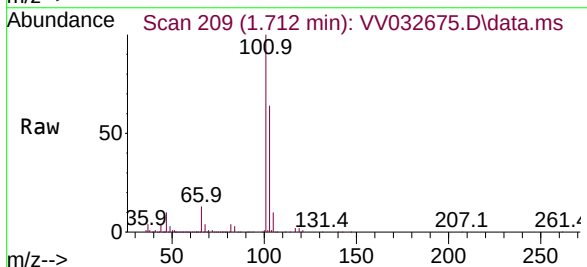
Instrument :
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ClientSampleId :

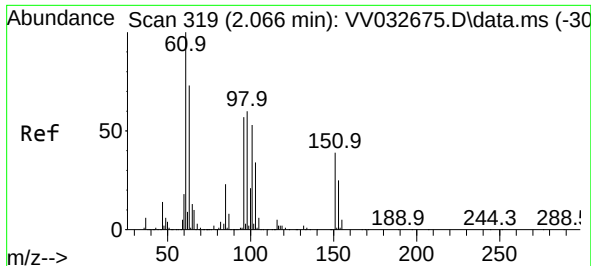
Tgt Ion: 64 Resp: 56883
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 6.100 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 101 Resp: 121804
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

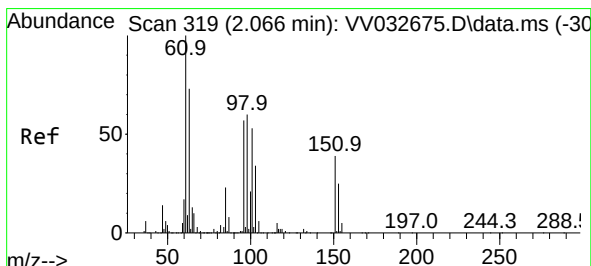
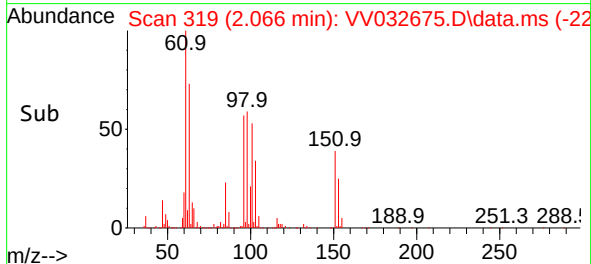
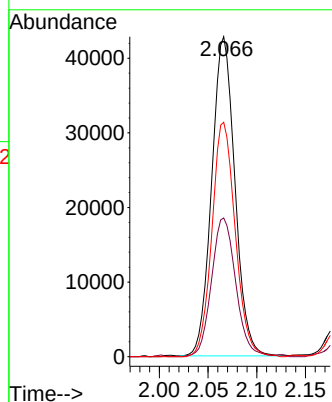
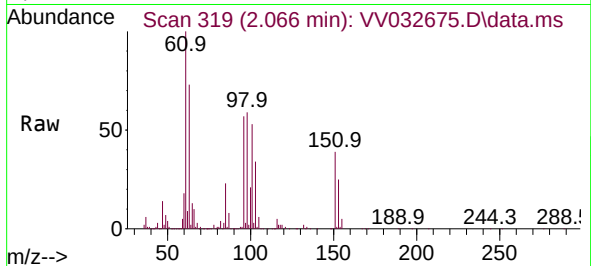




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.903 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

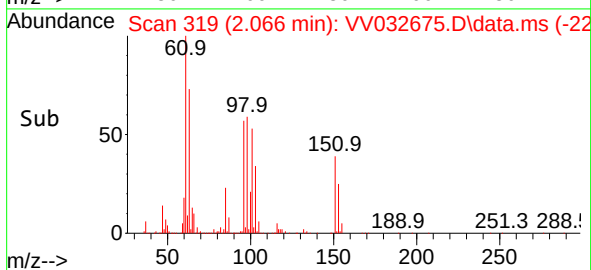
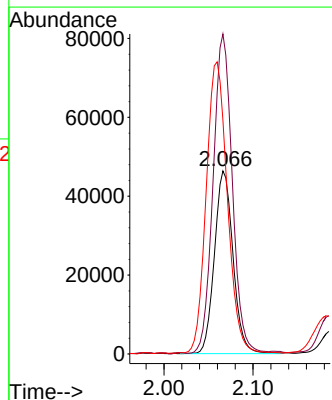
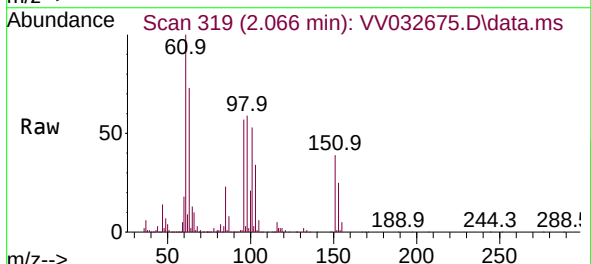
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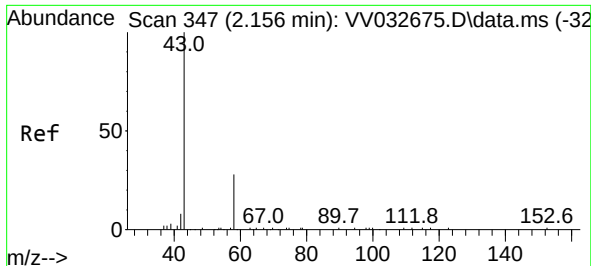
Tgt Ion:101 Resp: 70966
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 73.8 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 5.918 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

Tgt Ion: 96 Resp: 67060
 Ion Ratio Lower Upper
 96 100
 61 174.7 122.3 227.1
 63 127.7 89.4 166.0





#13

Acetone

Concen: 48.177 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

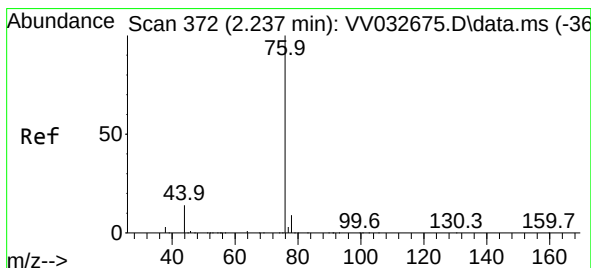
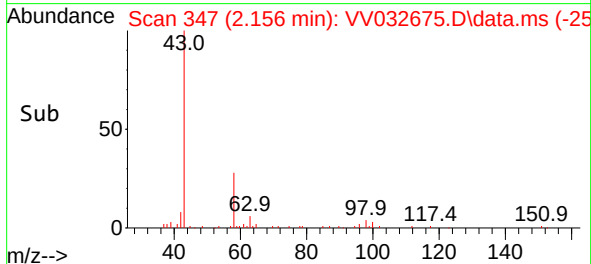
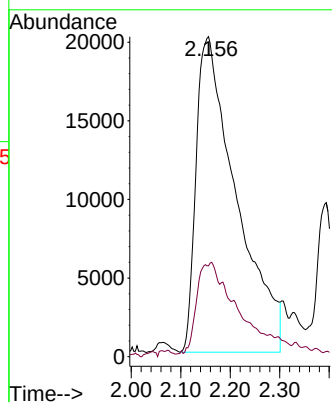
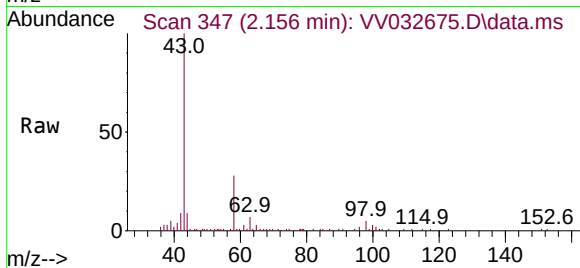
ClientSampleId :

Tgt Ion: 43 Resp: 113012

Ion Ratio Lower Upper

43 100

58 27.8 0.0 50.6



#14

Carbon disulfide

Concen: 5.511 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV032675.D

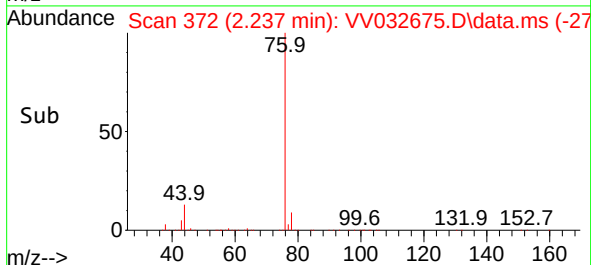
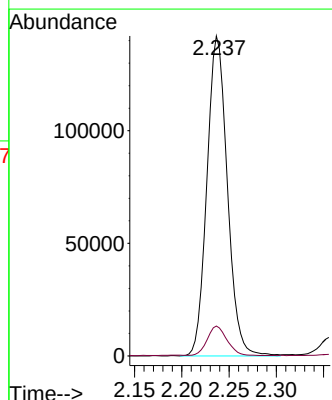
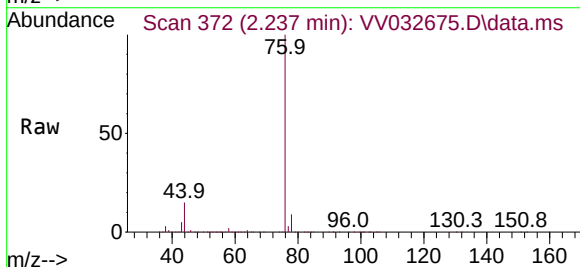
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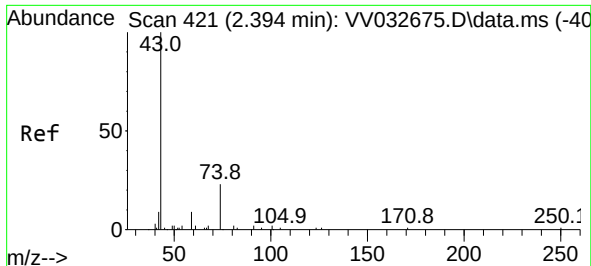
Tgt Ion: 76 Resp: 213630

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

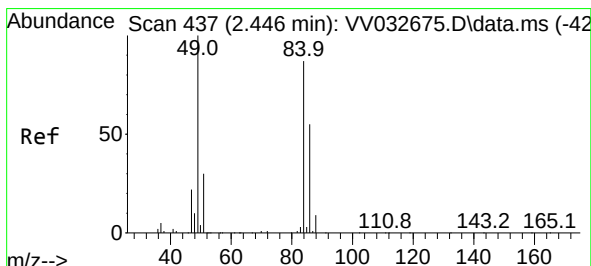
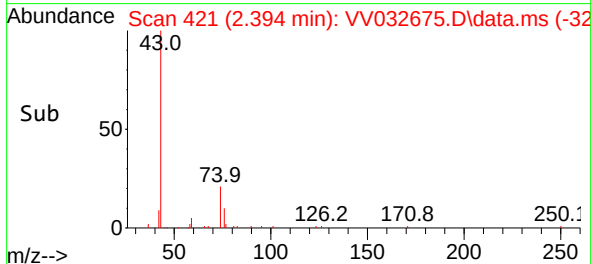
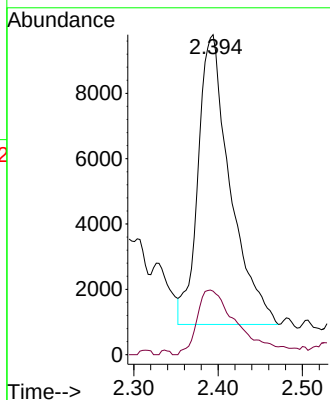
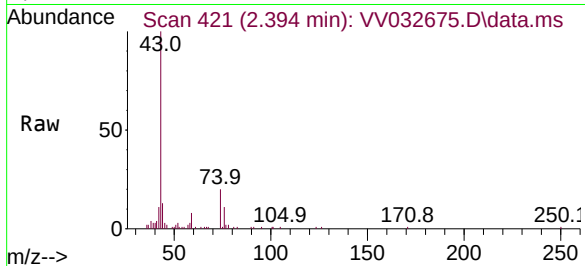




#15
Methyl Acetate
Concen: 4.573 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

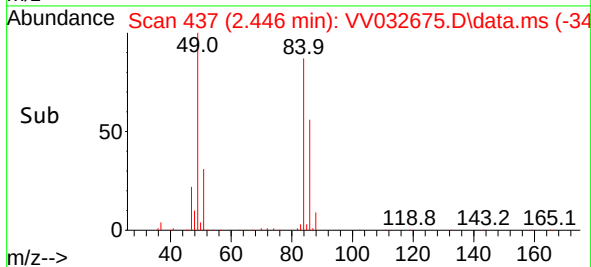
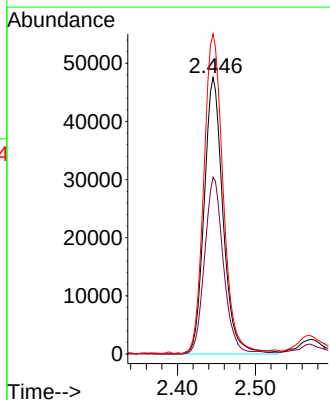
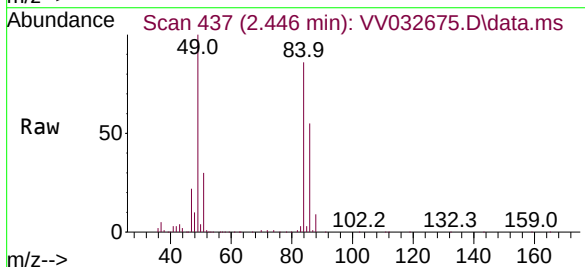
Instrument :
MSVOA_V
ClientSampleId :

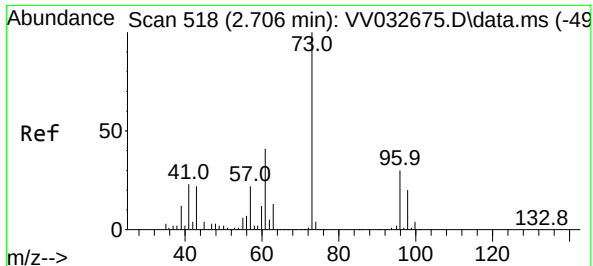
Tgt Ion: 43 Resp: 23481
Ion Ratio Lower Upper
43 100
74 28.9 23.1 34.7



#16
Methylene chloride
Concen: 5.464 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 84 Resp: 80063
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 115.8 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 4.918 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

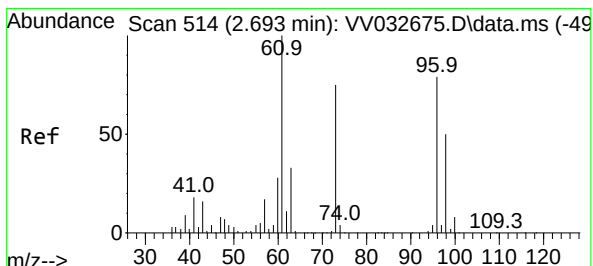
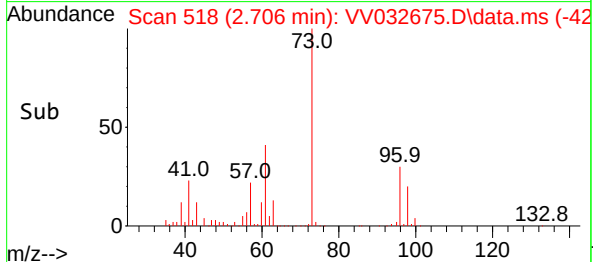
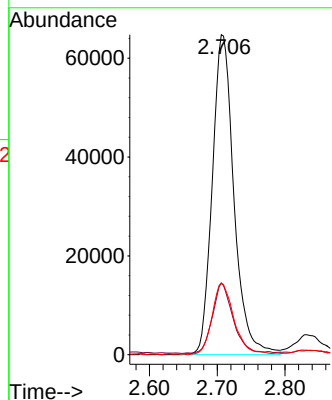
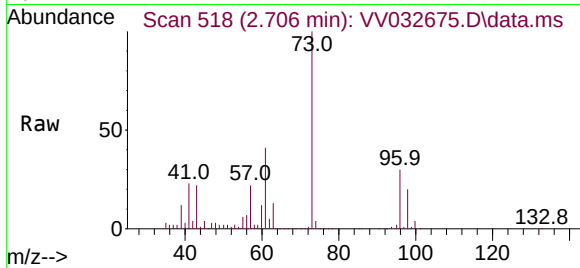
Tgt Ion: 73 Resp: 143897

Ion Ratio Lower Upper

73 100

43 20.7 16.6 24.8

57 22.6 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.336 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

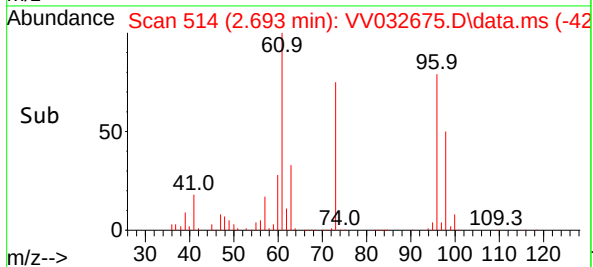
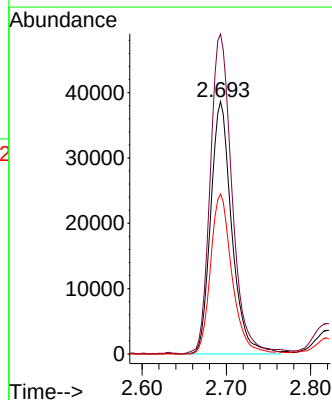
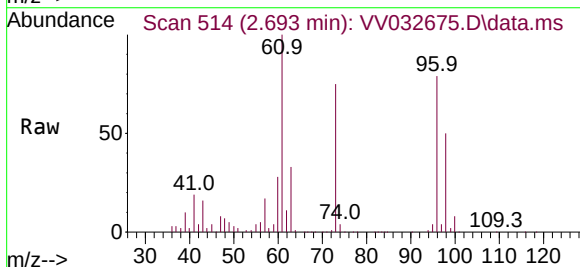
Tgt Ion: 96 Resp: 67185

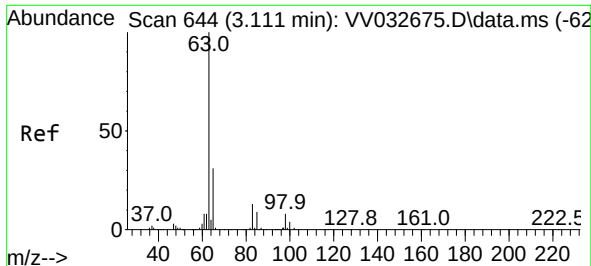
Ion Ratio Lower Upper

96 100

61 126.7 88.7 164.7

98 63.4 44.4 82.4

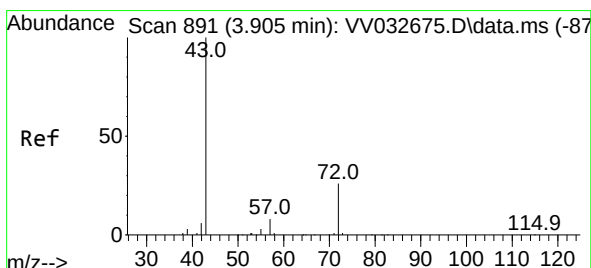
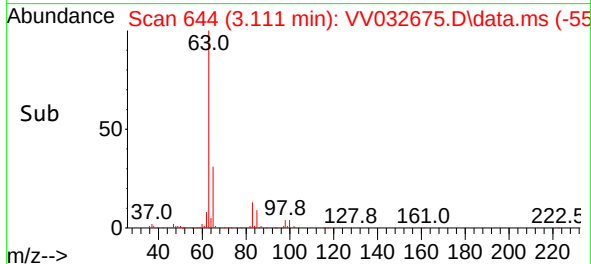
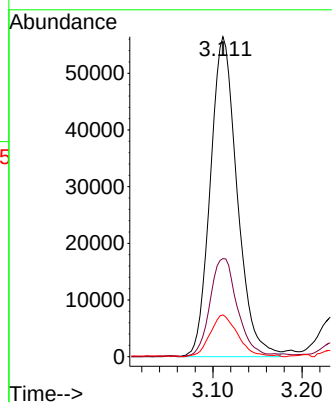
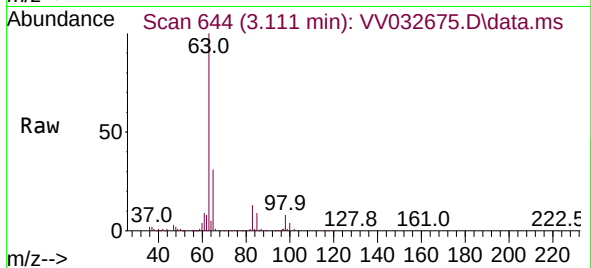




#19
1,1-Dichloroethane
Concen: 5.064 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

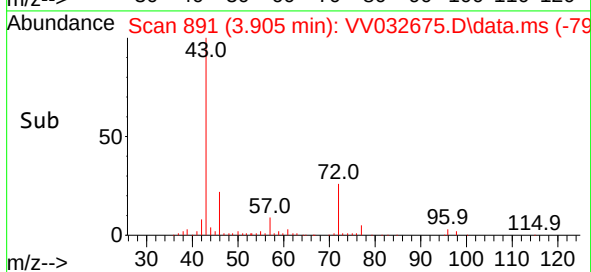
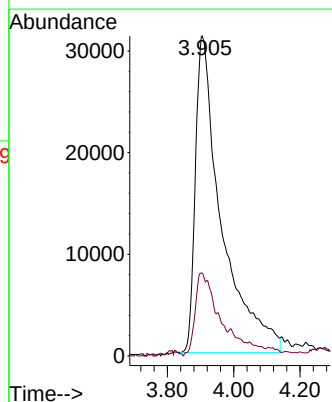
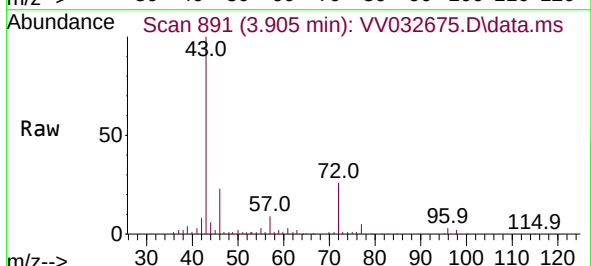
Instrument :
MSVOA_V
ClientSampleId :

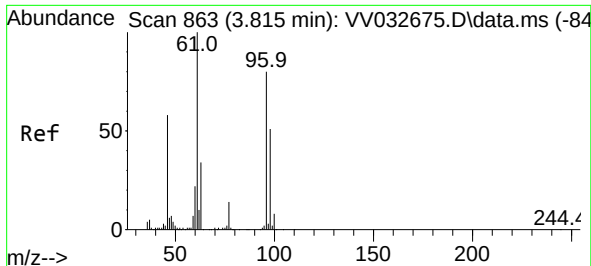
Tgt Ion: 63 Resp: 118177
Ion Ratio Lower Upper
63 100
65 30.7 21.5 39.9
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 47.225 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 43 Resp: 170199
Ion Ratio Lower Upper
43 100
72 20.8 10.4 31.2

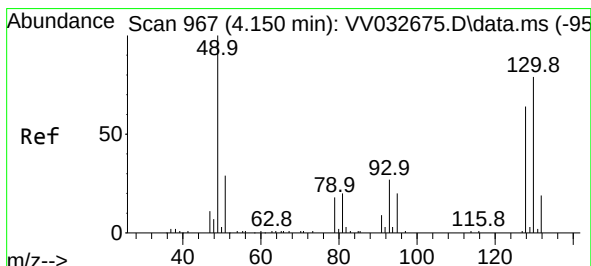
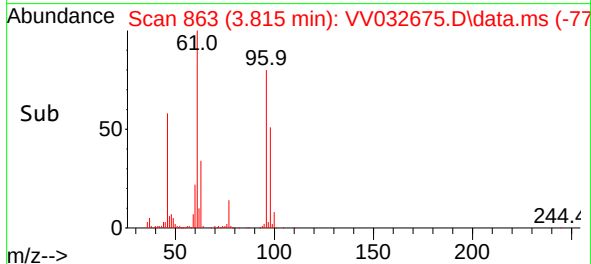
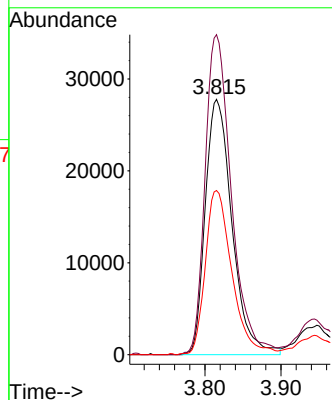
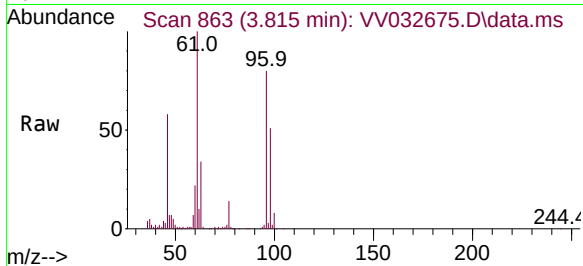




#22
 cis-1,2-Dichloroethene
 Concen: 5.100 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

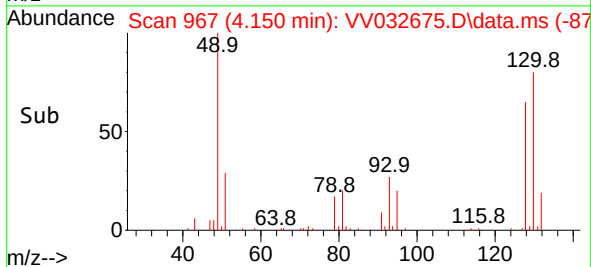
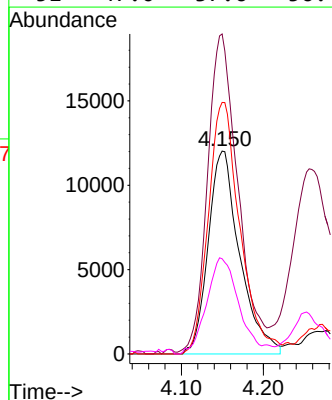
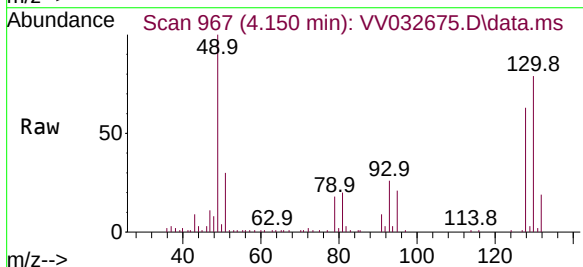
Instrument :
 MSVOA_V
 ClientSampleId :

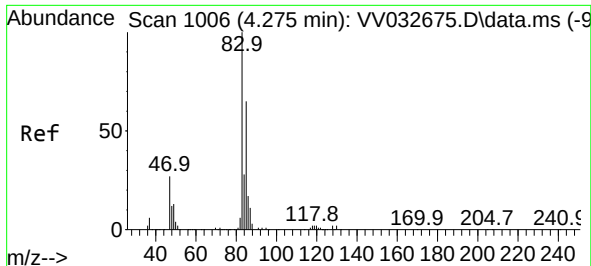
Tgt Ion: 96 Resp: 68027
 Ion Ratio Lower Upper
 96 100
 61 125.3 87.7 162.9
 98 64.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.591 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

Tgt Ion: 128 Resp: 32105
 Ion Ratio Lower Upper
 128 100
 49 157.7 110.4 205.0
 130 124.0 86.8 161.2
 51 47.0 37.6 56.4

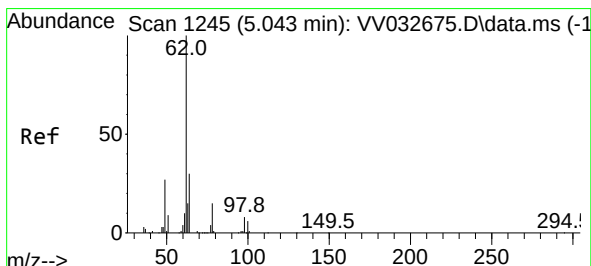
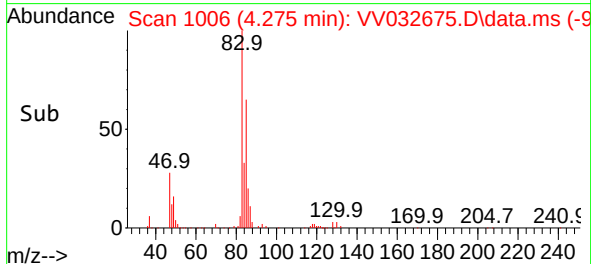
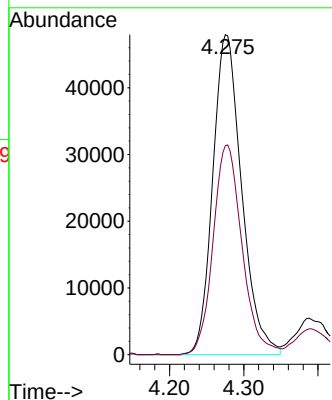
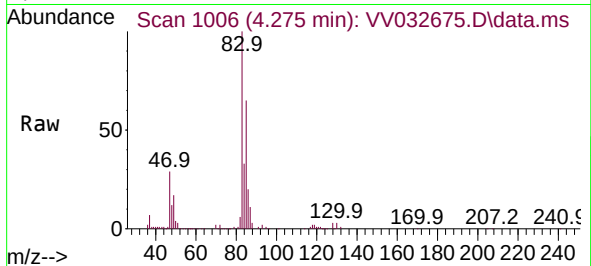




#25
Chloroform
Concen: 5.532 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

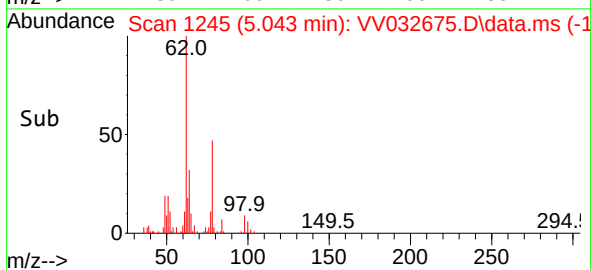
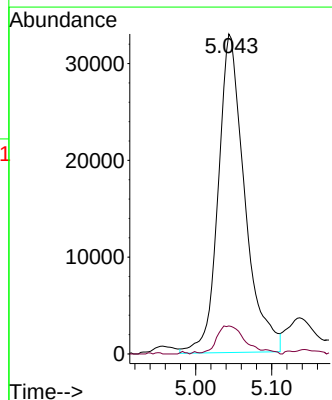
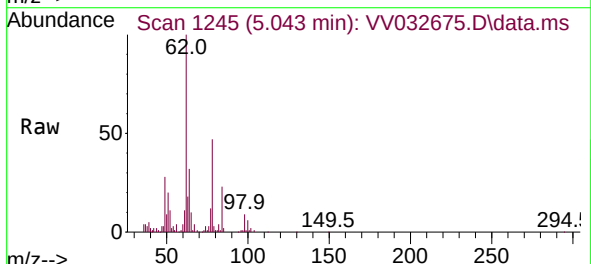
Instrument :
MSVOA_V
ClientSampleId :

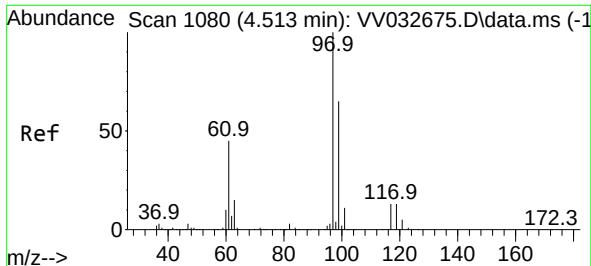
Tgt Ion: 83 Resp: 129816
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.687 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 62 Resp: 79697
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.736 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

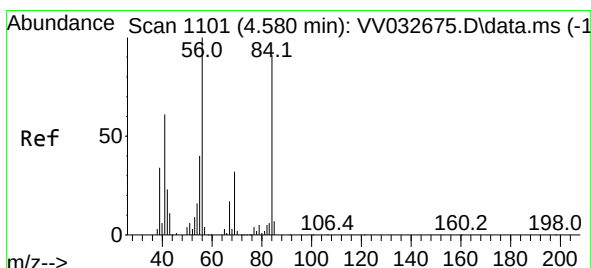
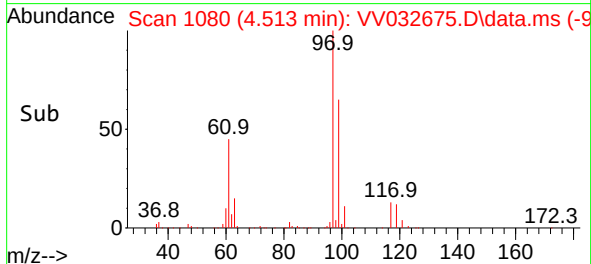
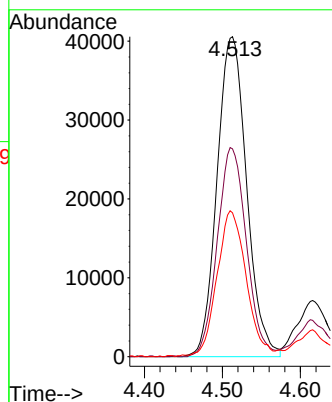
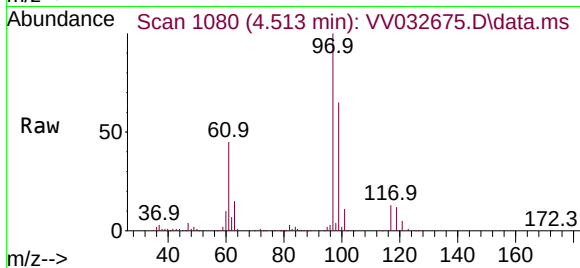
Tgt Ion: 97 Resp: 107198

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 45.1 36.1 54.1



#30

Cyclohexane

Concen: 3.843 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

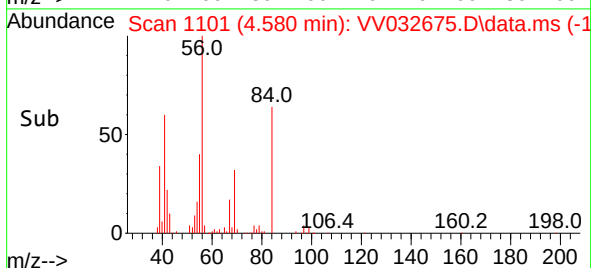
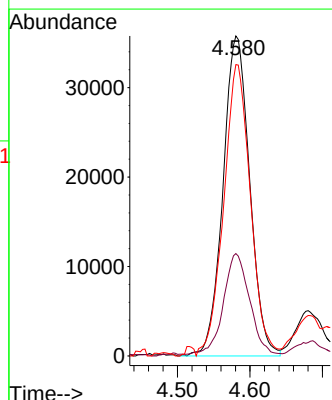
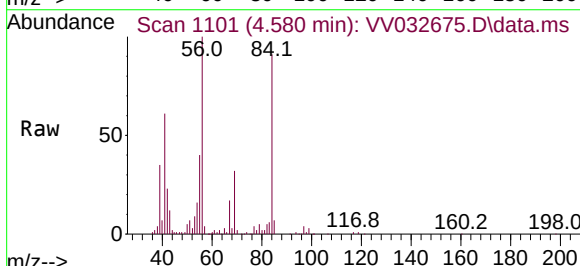
Tgt Ion: 56 Resp: 91620

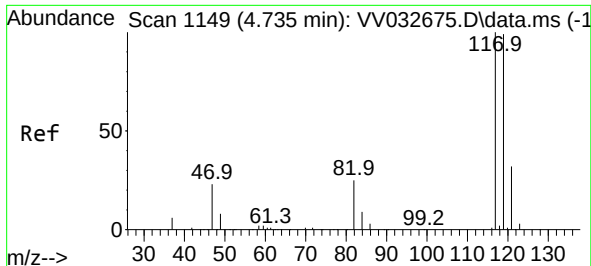
Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 91.1 72.9 109.3

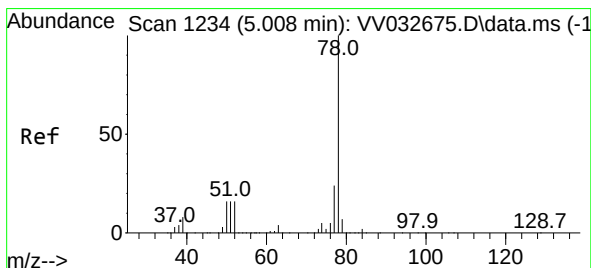
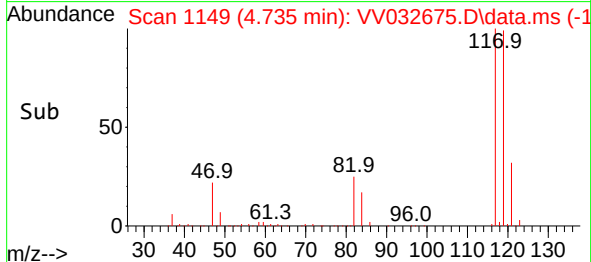
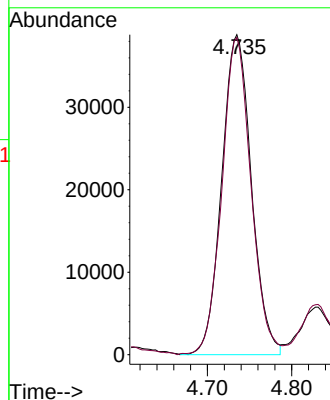
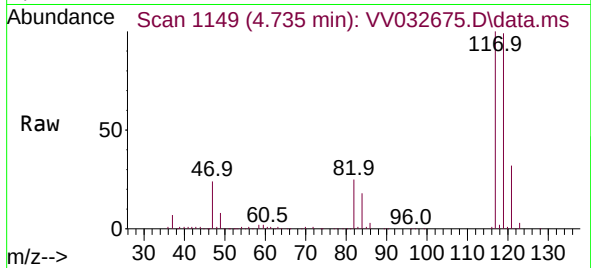




#31
Carbon tetrachloride
Concen: 4.905 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

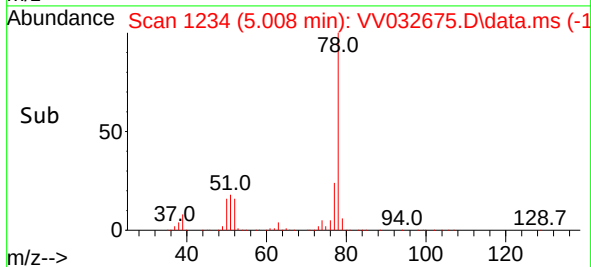
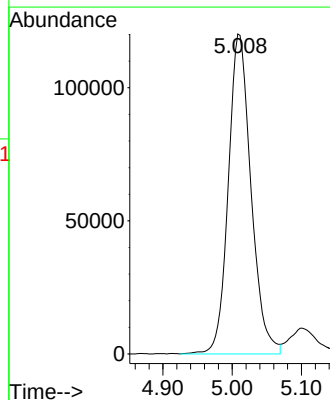
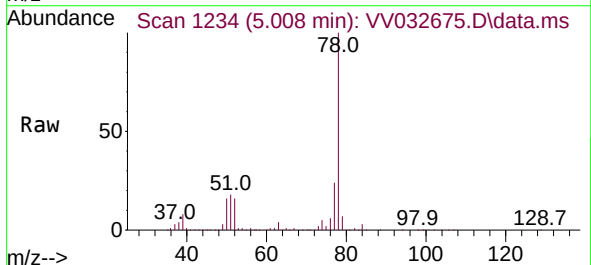
Instrument :
MSVOA_V
ClientSampleId :

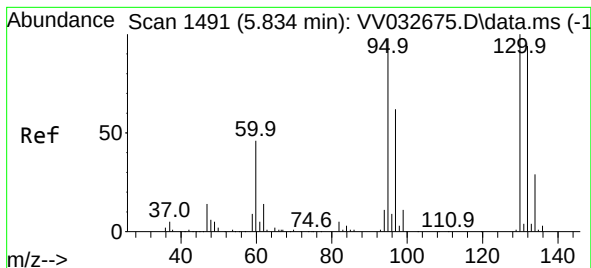
Tgt Ion:117 Resp: 94913
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6



#33
Benzene
Concen: 4.695 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 78 Resp: 273933





#34

Trichloroethene

Concen: 4.524 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 71413

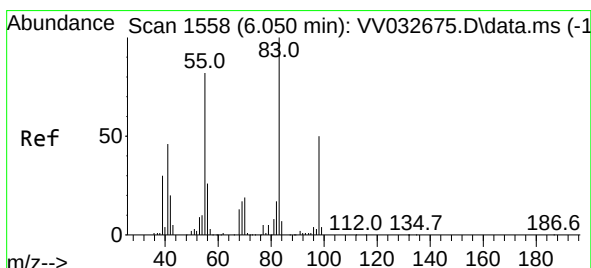
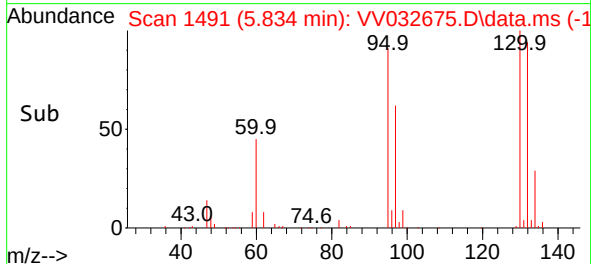
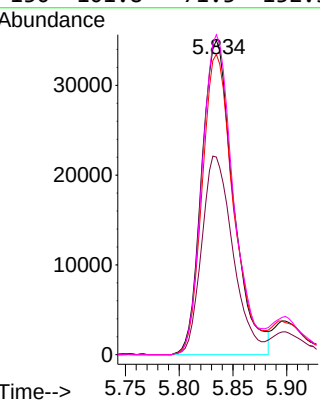
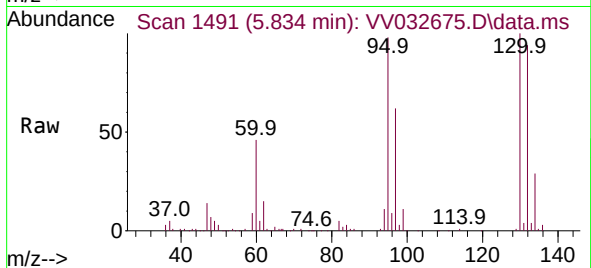
Ion Ratio Lower Upper

95 100

97 62.9 44.0 81.8

132 95.6 66.9 124.3

130 101.8 71.3 132.3



#35

Methylcyclohexane

Concen: 4.473 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

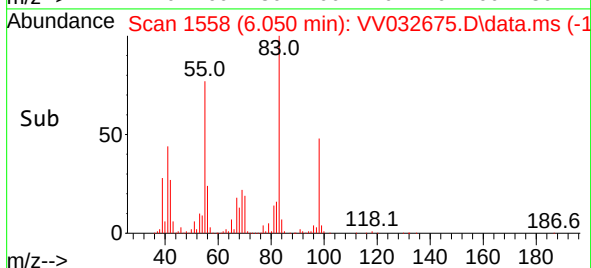
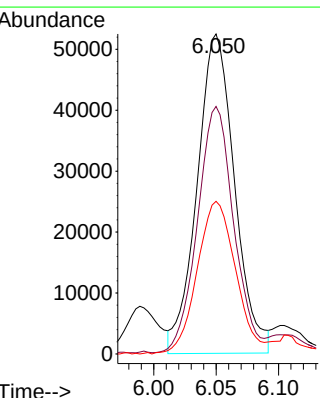
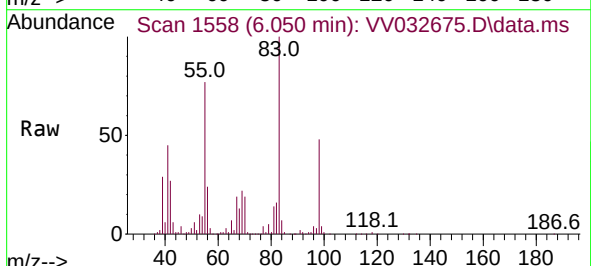
Tgt Ion: 83 Resp: 109686

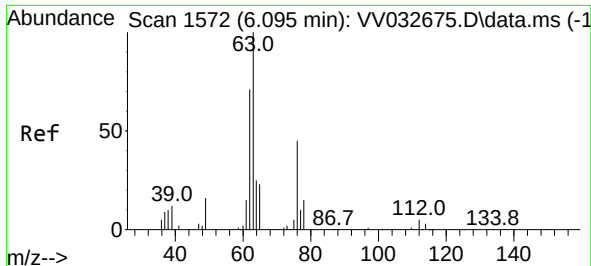
Ion Ratio Lower Upper

83 100

55 74.5 59.6 89.4

98 48.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 4.063 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

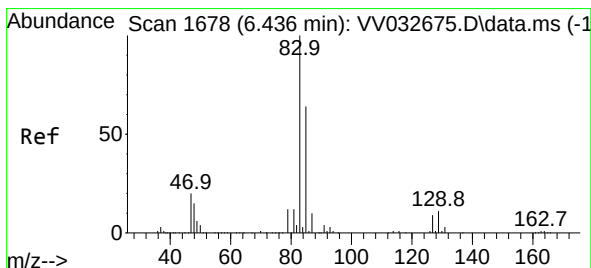
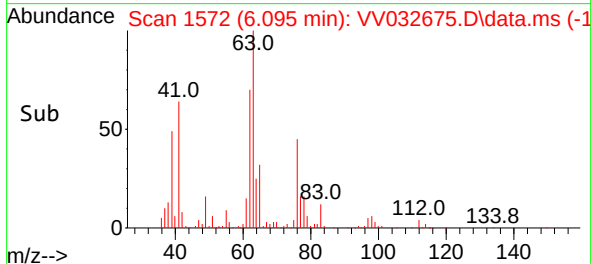
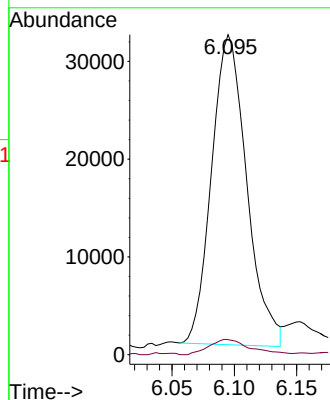
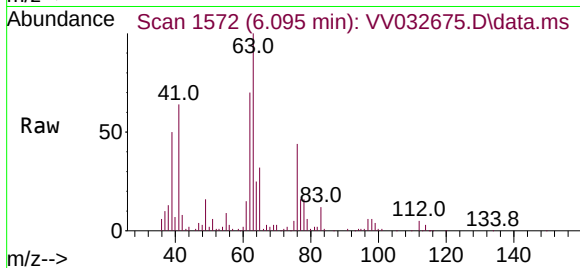
ClientSampleId :

Tgt Ion: 63 Resp: 62155

Ion Ratio Lower Upper

63 100

112 5.8 4.6 7.0



#38

Bromodichloromethane

Concen: 4.757 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

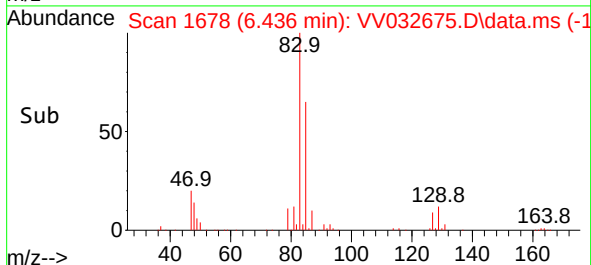
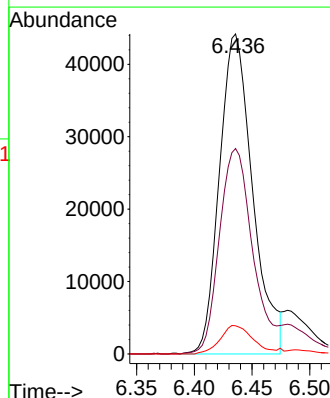
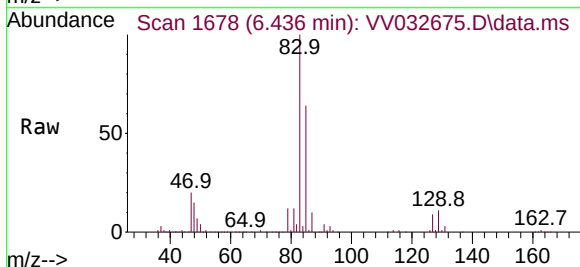
Tgt Ion: 83 Resp: 88520

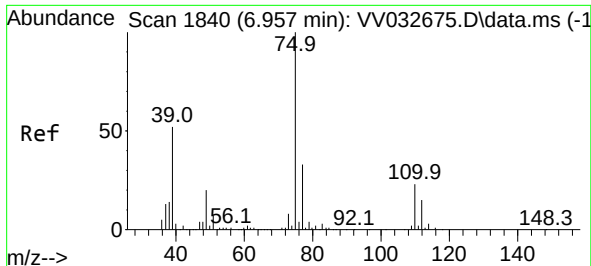
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.515 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

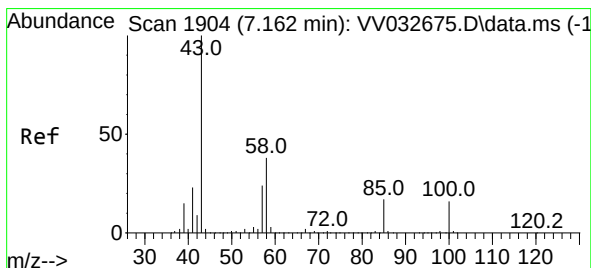
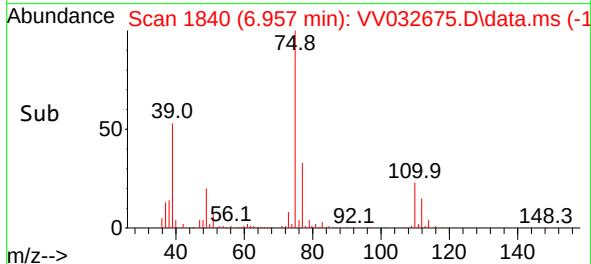
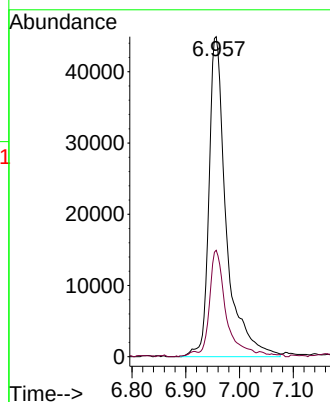
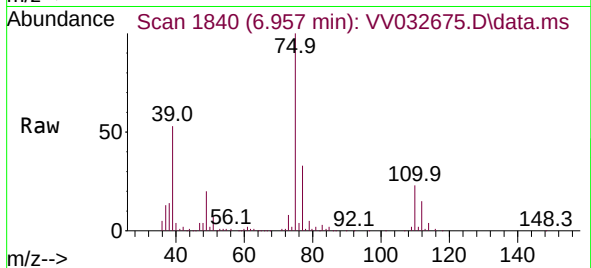
ClientSampleId :

Tgt Ion: 75 Resp: 100602

Ion Ratio Lower Upper

75 100

77 33.2 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 44.271 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

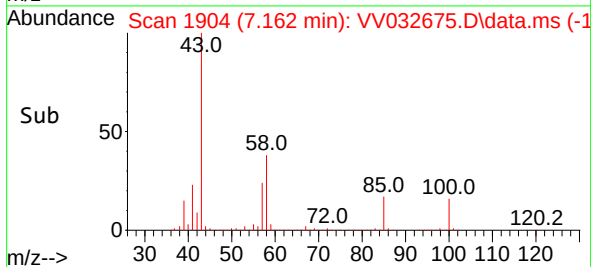
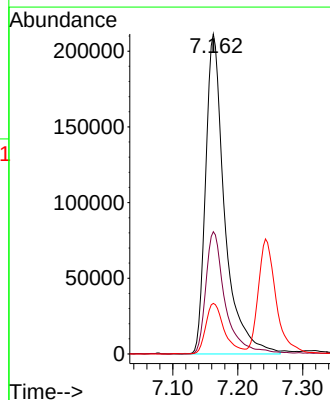
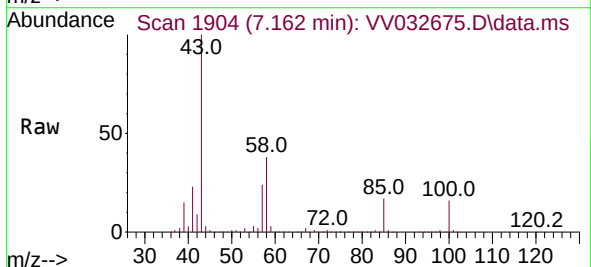
Tgt Ion: 43 Resp: 431245

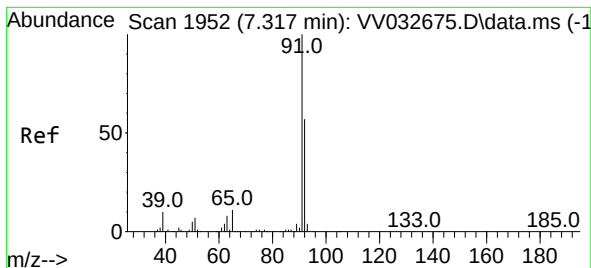
Ion Ratio Lower Upper

43 100

58 39.1 31.3 46.9

100 15.3 12.2 18.4





#42

Toluene

Concen: 5.146 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

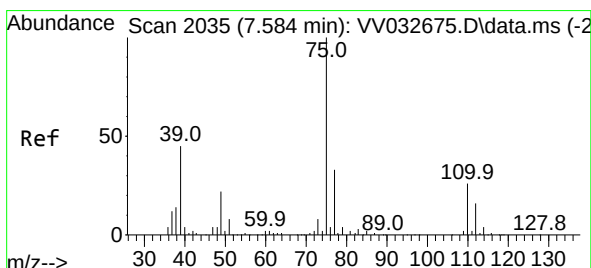
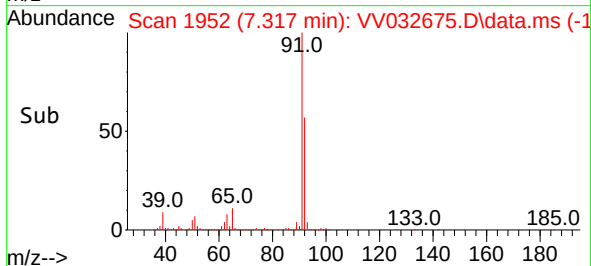
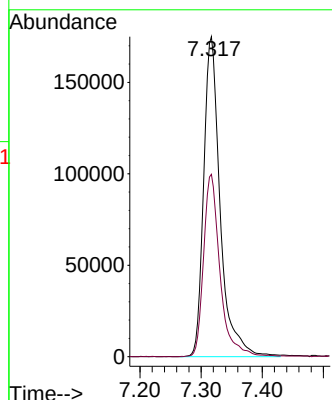
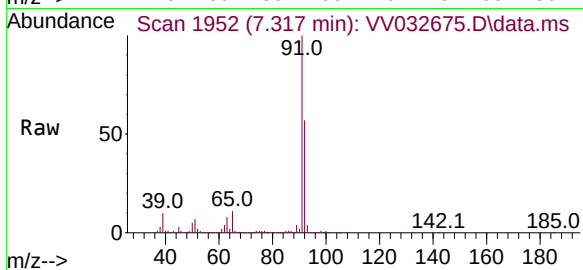
ClientSampleId :

Tgt Ion: 91 Resp: 328230

Ion Ratio Lower Upper

91 100

92 57.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.748 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032675.D

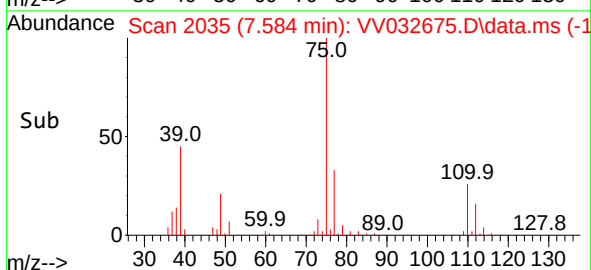
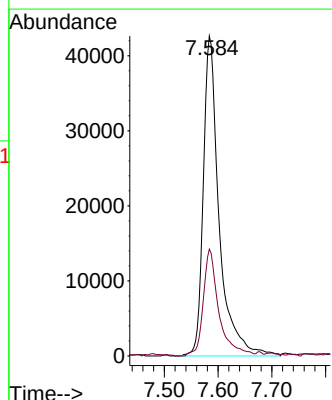
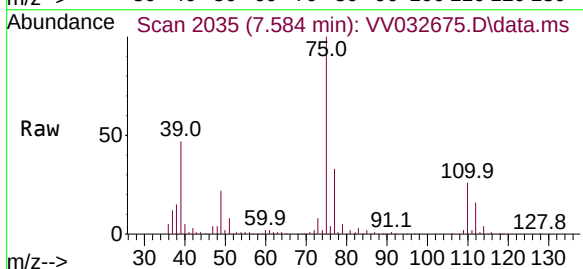
Acq: 27 Oct 2023 11:20

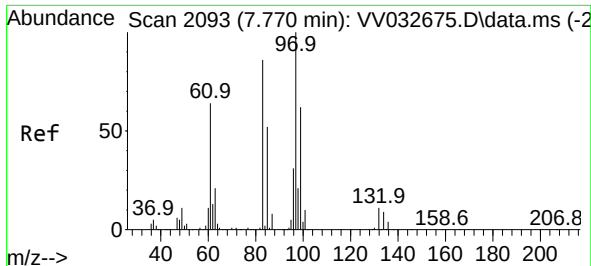
Tgt Ion: 75 Resp: 87398

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4

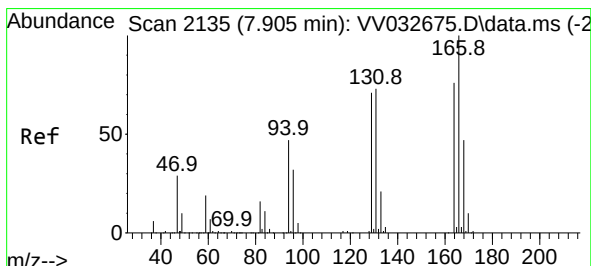
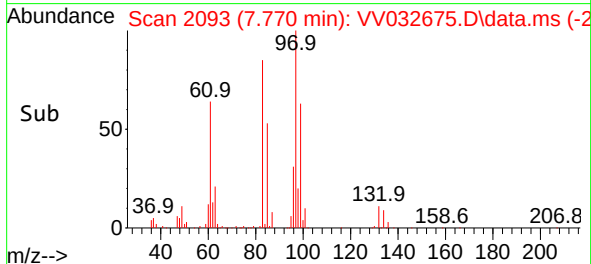
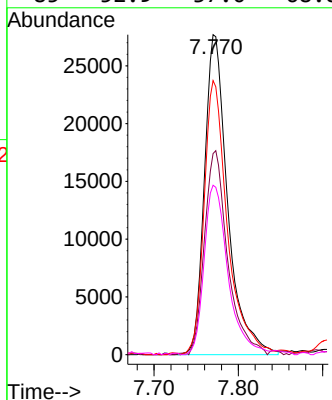
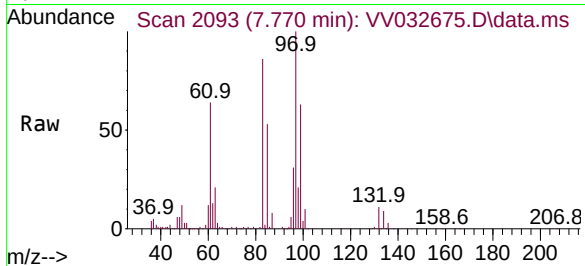




#45
1,1,2-Trichloroethane
Concen: 4.789 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

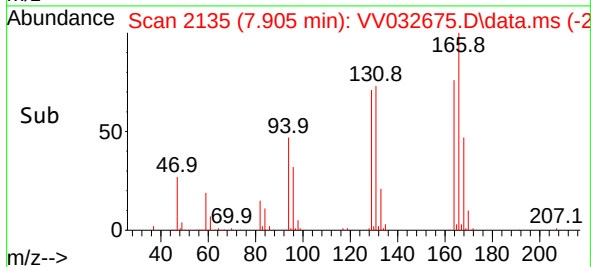
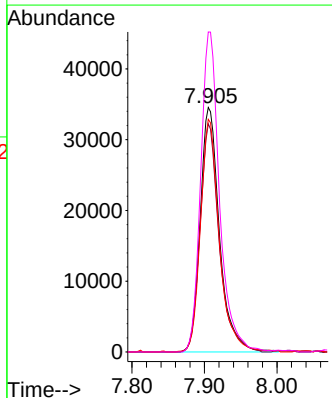
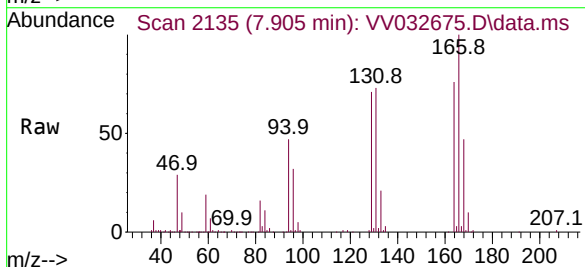
Instrument :
MSVOA_V
ClientSampleId :

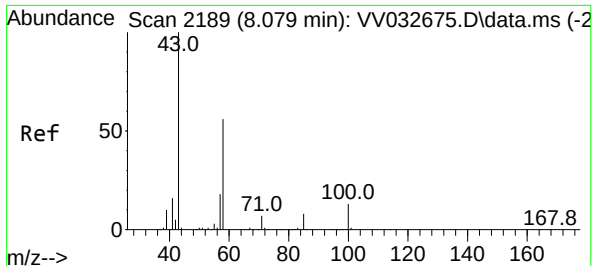
Tgt Ion: 97	Resp: 53260
Ion Ratio	Lower Upper
97 100	
99 62.9	44.0 81.8
83 85.6	59.9 111.3
85 52.9	37.0 68.8



#47
Tetrachloroethene
Concen: 5.140 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt	Ion:164	Resp:	63981
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.3	121.3
131	95.2	66.6	123.8
166	130.9	91.6	170.2

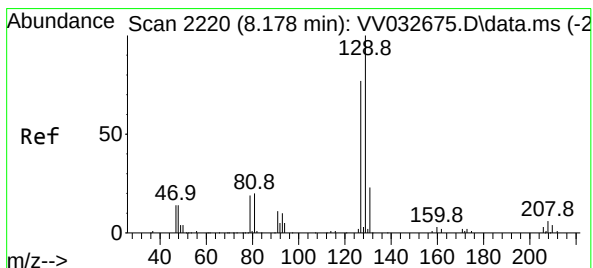
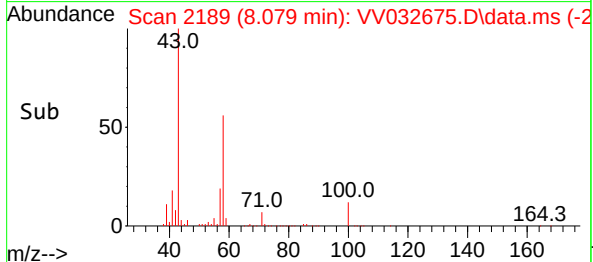
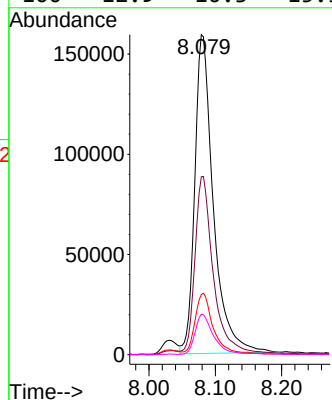
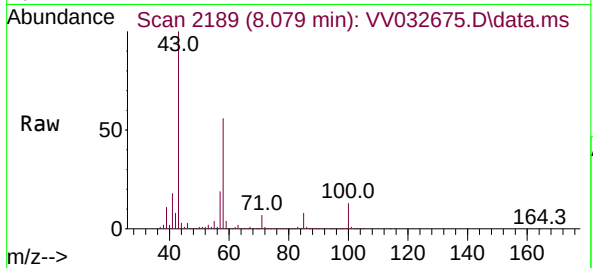




#48
2-Hexanone
Concen: 45.325 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

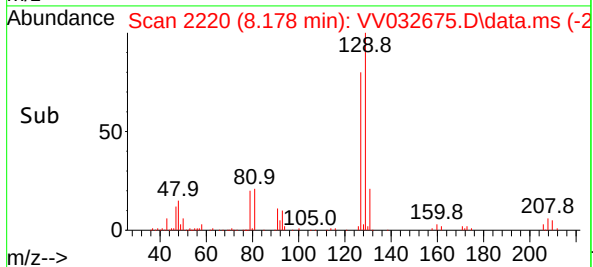
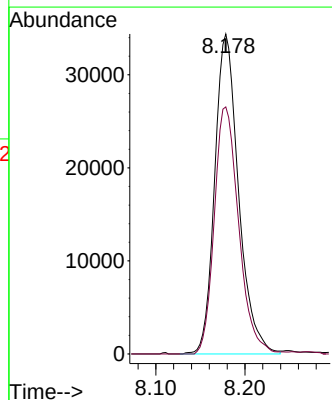
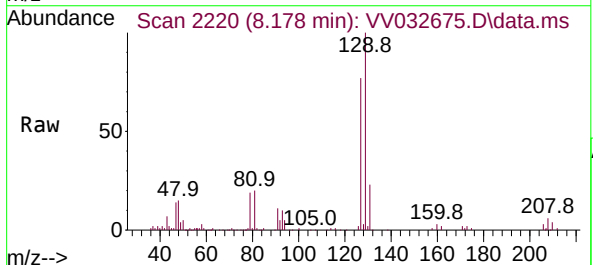
Instrument :
MSVOA_V
ClientSampleId :

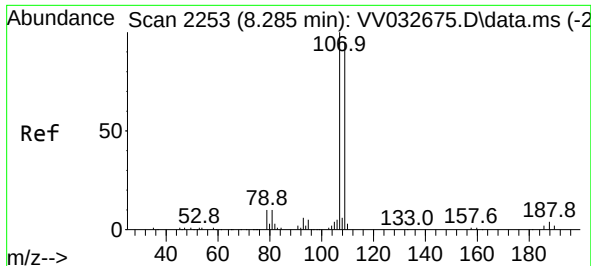
Tgt Ion: 43 Resp: 309957
Ion Ratio Lower Upper
43 100
58 54.7 43.8 65.6
57 18.9 15.1 22.7
100 12.9 10.3 15.5



#49
Dibromochloromethane
Concen: 5.377 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 129 Resp: 64050
Ion Ratio Lower Upper
129 100
127 77.2 54.0 100.4





#50

1,2-Dibromoethane

Concen: 4.806 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

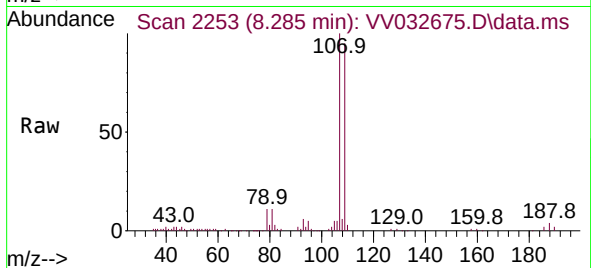
Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

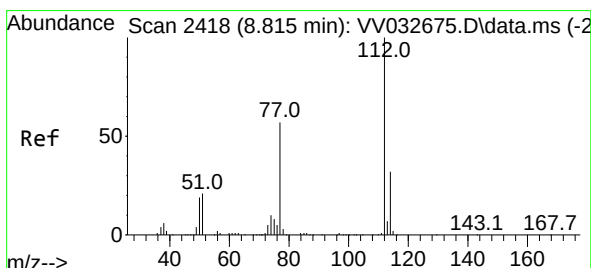
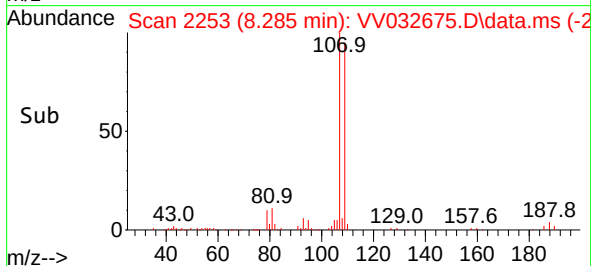
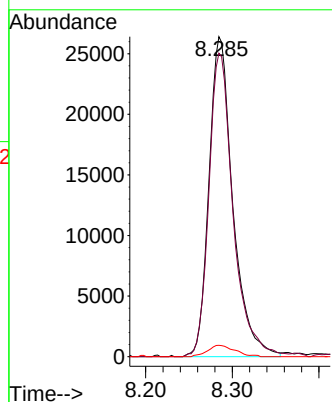
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	50551
Ion	Ratio	Lower	Upper
107	100		
109	94.9	66.4	123.4
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 5.022 ug/L

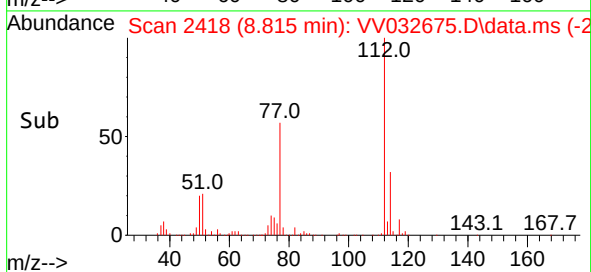
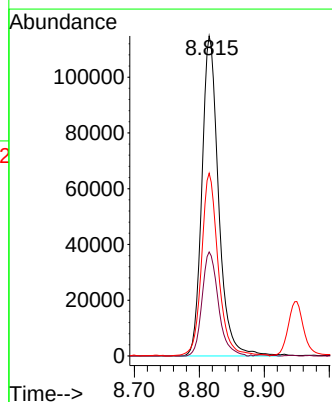
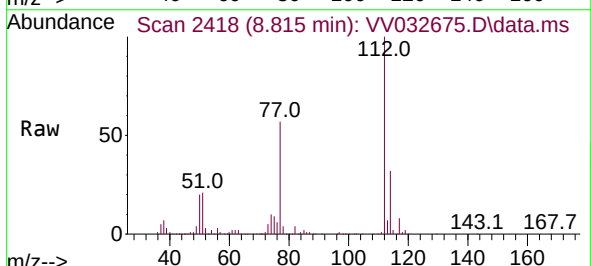
RT: 8.815 min Scan# 2418

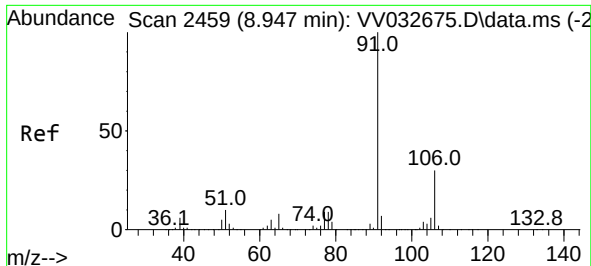
Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Tgt Ion:	112	Resp:	205248
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	57.1	45.7	68.5

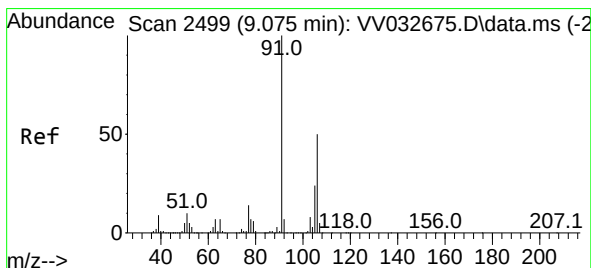
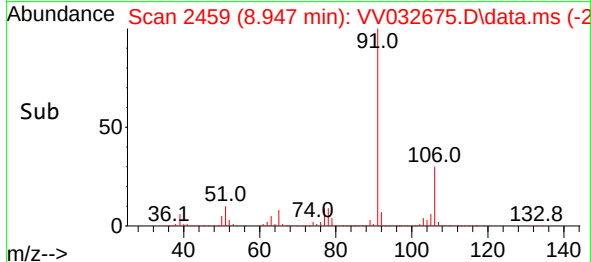
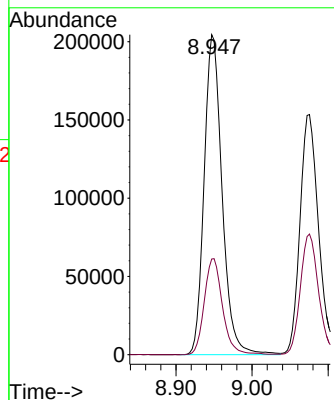
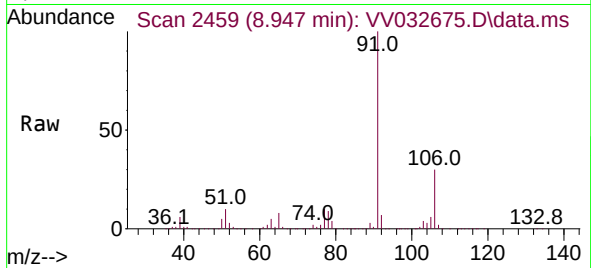




#52
Ethylbenzene
Concen: 4.800 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

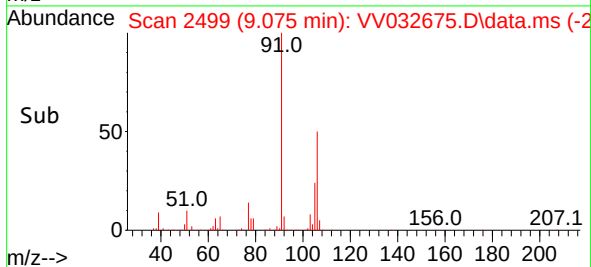
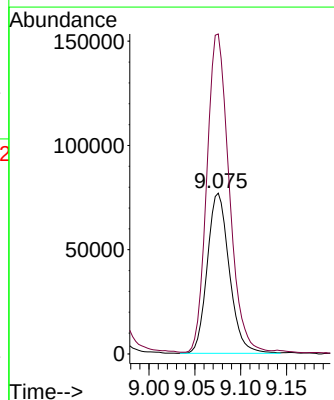
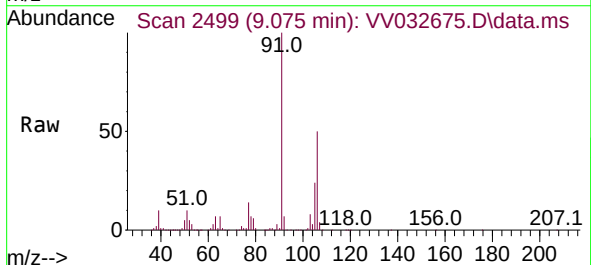
Instrument :
MSVOA_V
ClientSampleId :

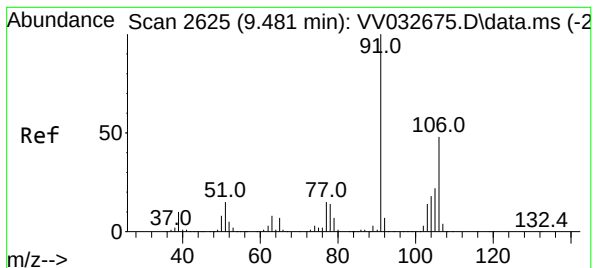
Tgt Ion: 91 Resp: 335723
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 4.935 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion: 106 Resp: 128280
Ion Ratio Lower Upper
106 100
91 199.0 139.3 258.7





#54

o-Xylene

Concen: 4.977 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

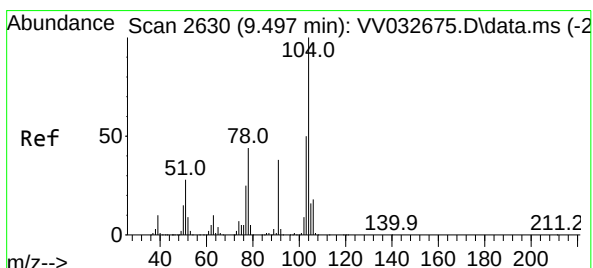
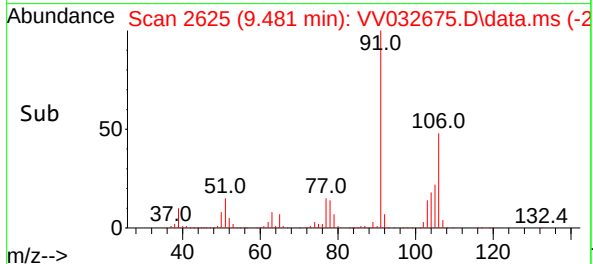
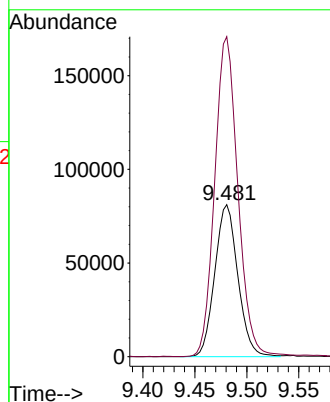
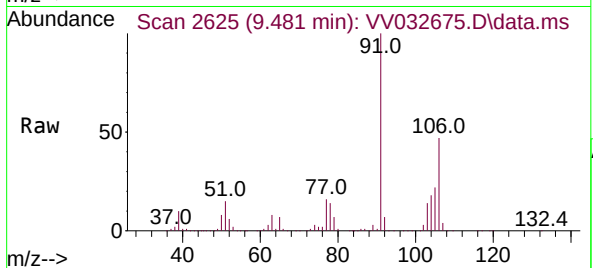
ClientSampleId :

Tgt Ion:106 Resp: 125359

Ion Ratio Lower Upper

106 100

91 210.6 147.4 273.8



#55

Styrene

Concen: 5.084 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV032675.D

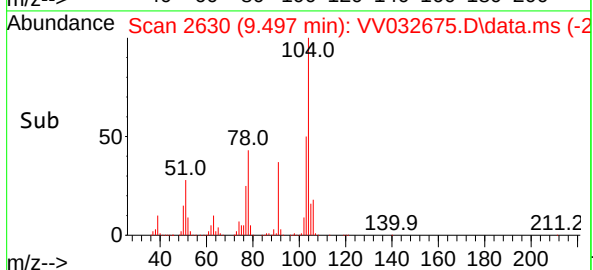
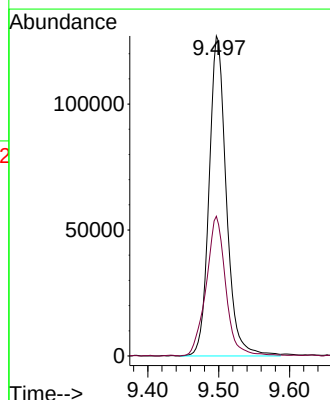
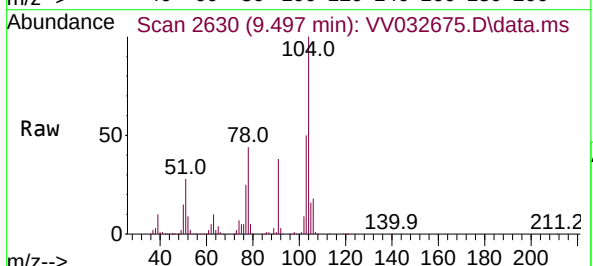
Acq: 27 Oct 2023 11:20

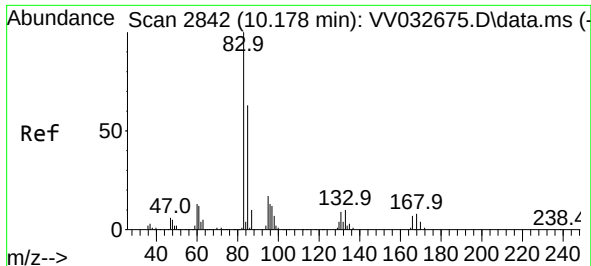
Tgt Ion:104 Resp: 215244

Ion Ratio Lower Upper

104 100

78 43.6 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.119 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

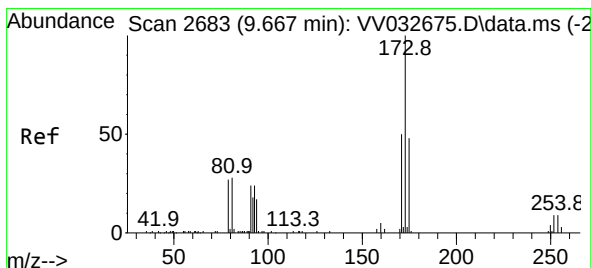
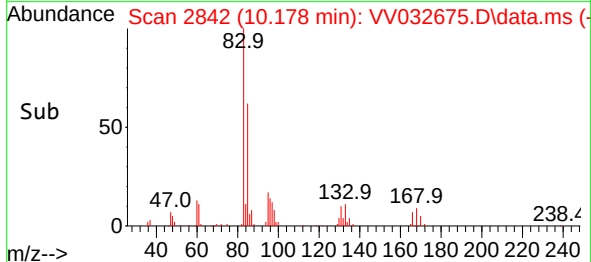
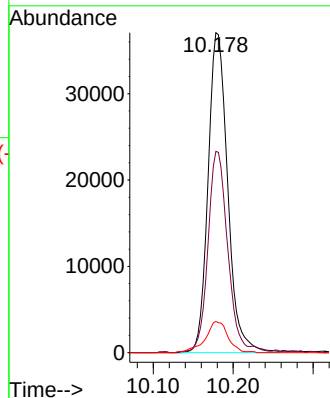
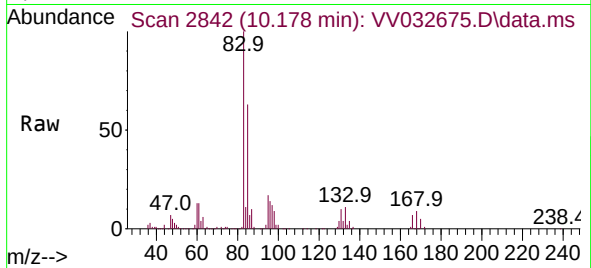
Tgt Ion: 83 Resp: 63327

Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

131 9.8 7.8 11.8



#59

Bromoform

Concen: 5.312 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

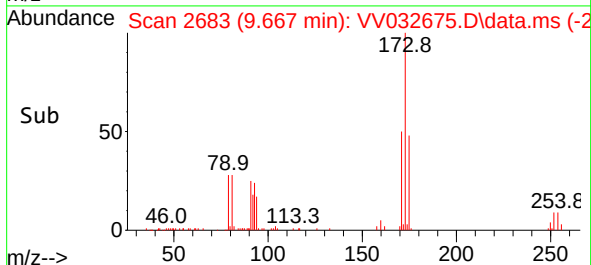
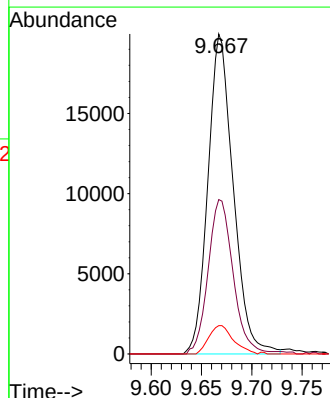
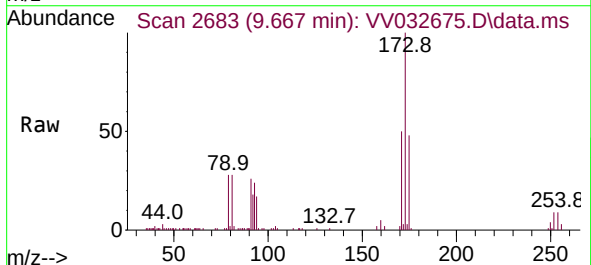
Tgt Ion: 173 Resp: 34917

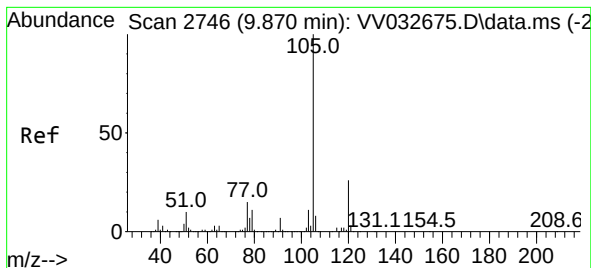
Ion Ratio Lower Upper

173 100

175 48.0 38.4 57.6

254 8.6 6.9 10.3





#60

Isopropylbenzene

Concen: 4.605 ug/L

RT: 9.870 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

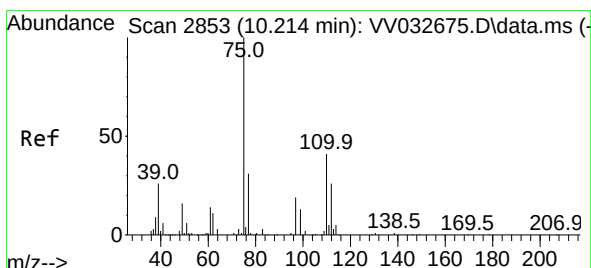
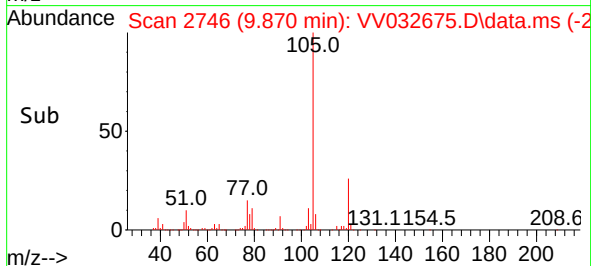
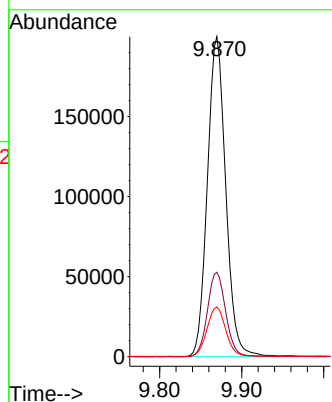
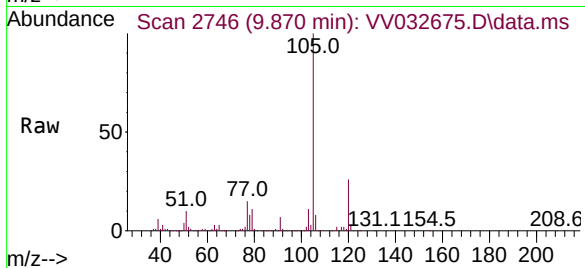
Tgt Ion:105 Resp: 311035

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.839 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

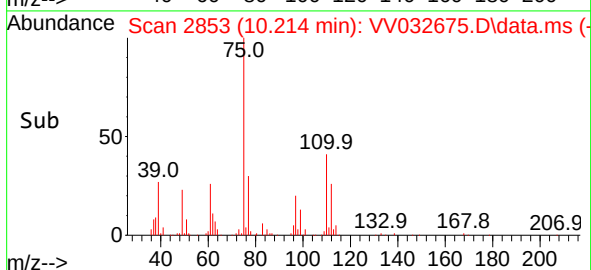
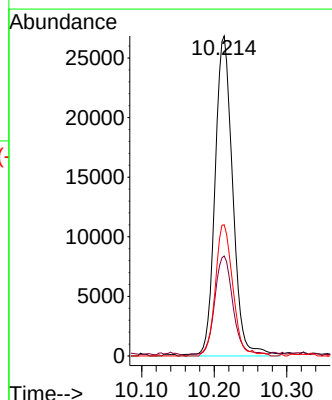
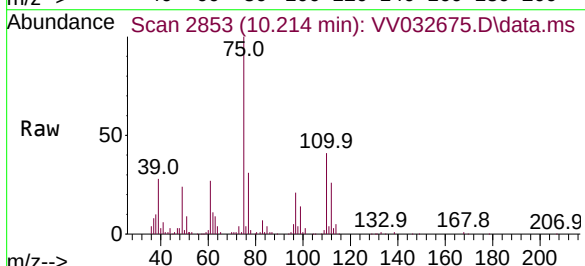
Tgt Ion: 75 Resp: 45545

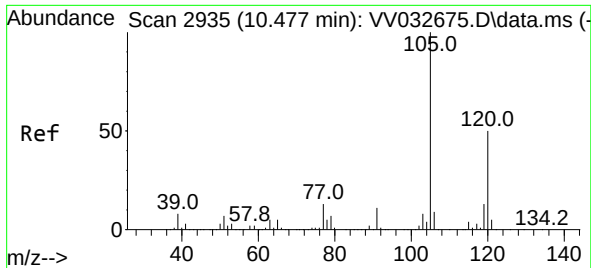
Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

110 40.4 32.3 48.5

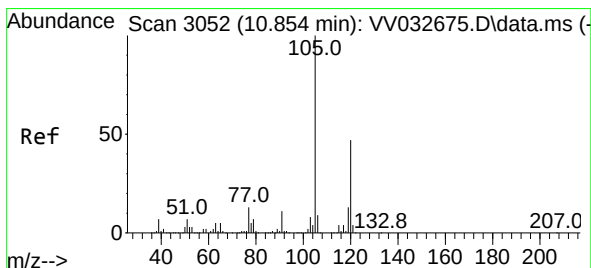
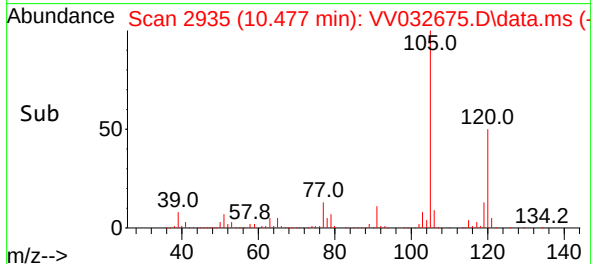
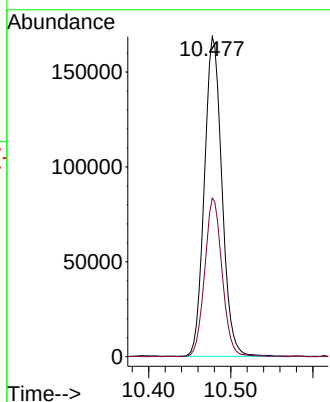
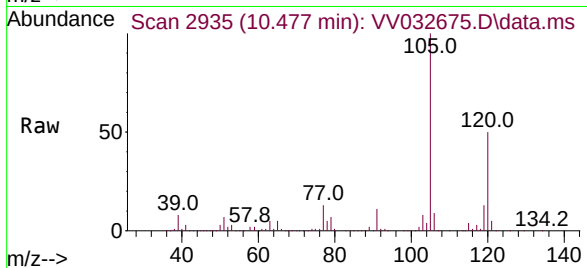




#62
 1,3,5-Trimethylbenzene
 Concen: 4.554 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

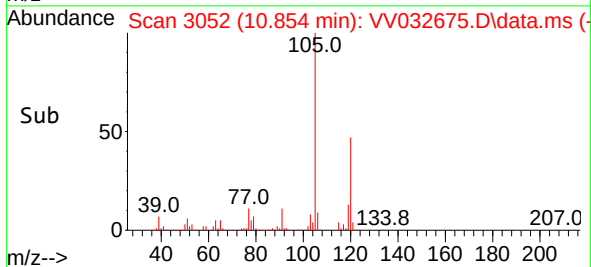
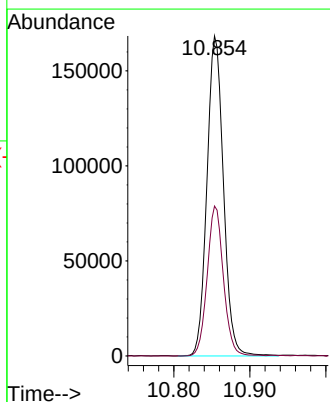
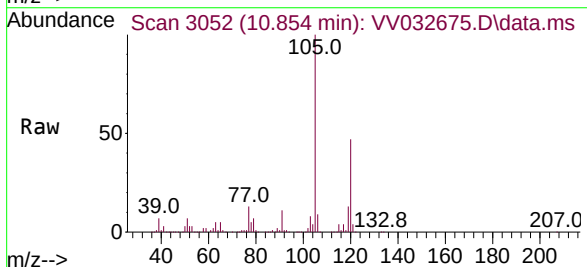
Instrument :
 MSVOA_V
 ClientSampleId :

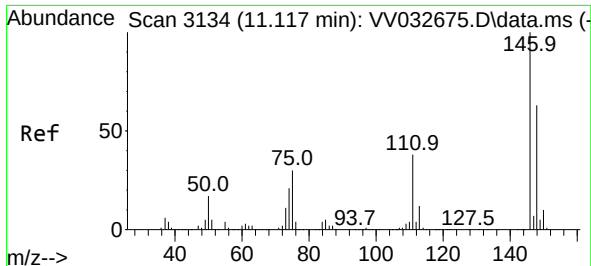
Tgt Ion:105 Resp: 250479
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.635 ug/L
 RT: 10.854 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032675.D
 Acq: 27 Oct 2023 11:20

Tgt Ion:105 Resp: 253914
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.9 55.3

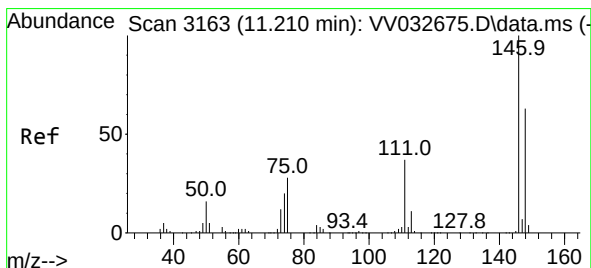
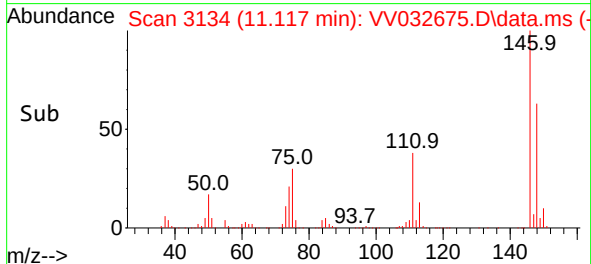
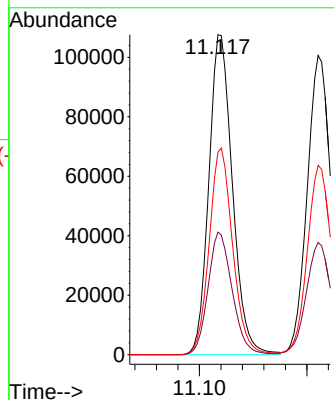
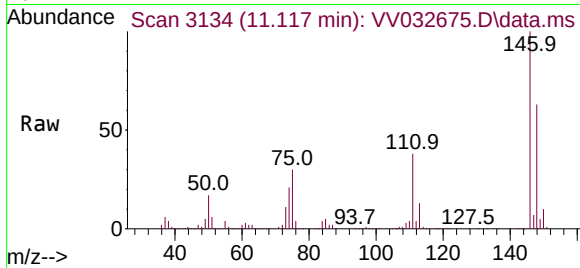




#64
1,3-Dichlorobenzene
Concen: 4.974 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

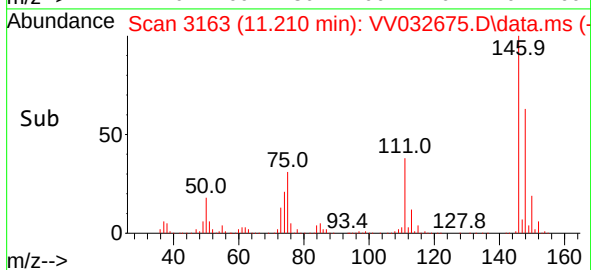
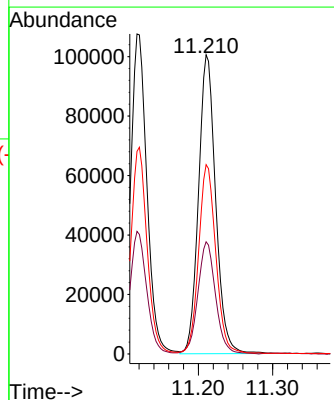
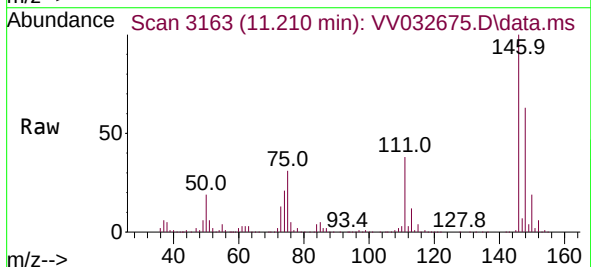
Instrument :
MSVOA_V
ClientSampleId :

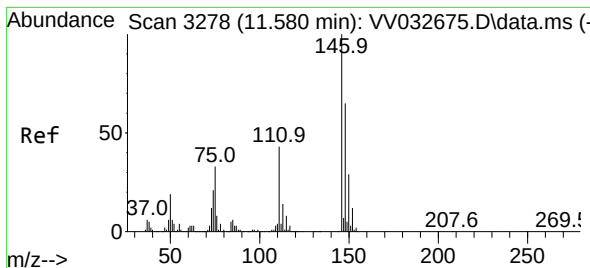
Tgt Ion:146 Resp: 163933
Ion Ratio Lower Upper
146 100
111 38.3 26.8 49.8
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.893 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion:146 Resp: 161364
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 63.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 4.920 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

Instrument :

MSVOA_V

ClientSampleId :

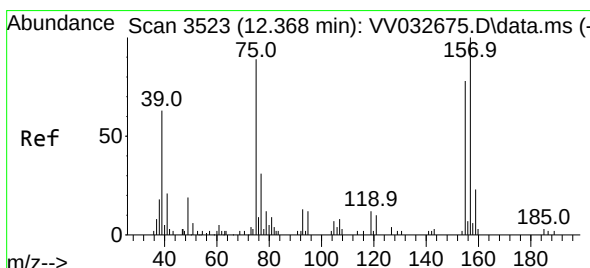
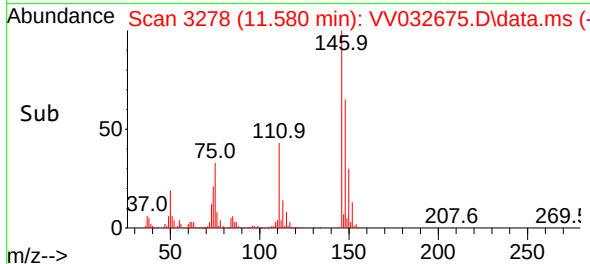
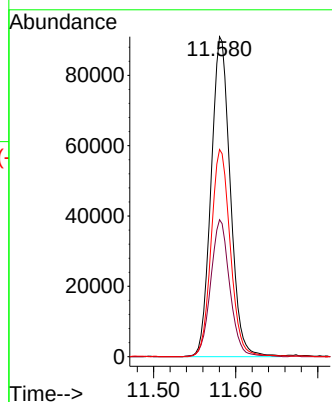
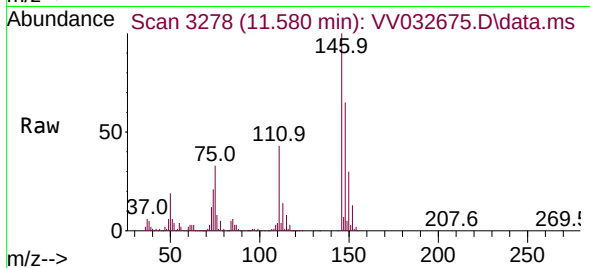
Tgt Ion:146 Resp: 147596

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.4

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.044 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032675.D

Acq: 27 Oct 2023 11:20

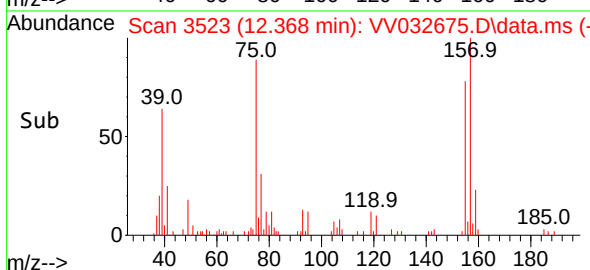
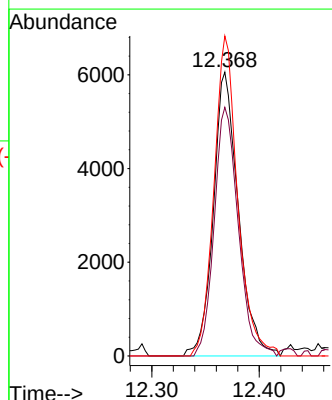
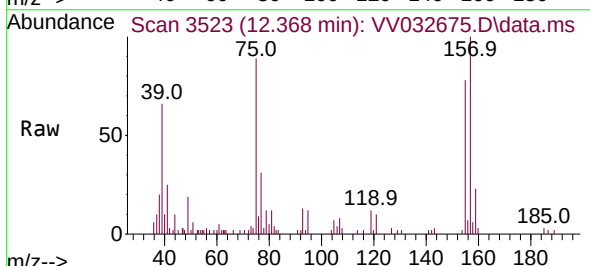
Tgt Ion: 75 Resp: 9788

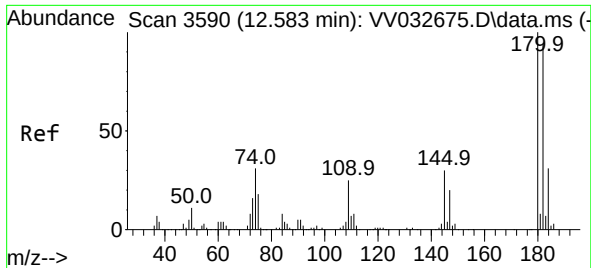
Ion Ratio Lower Upper

75 100

155 87.6 70.1 105.1

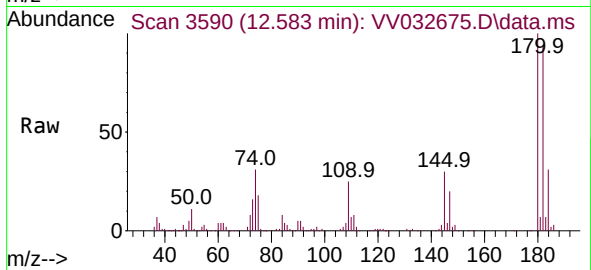
157 112.7 90.2 135.2



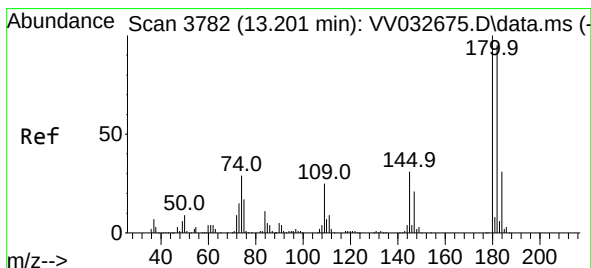
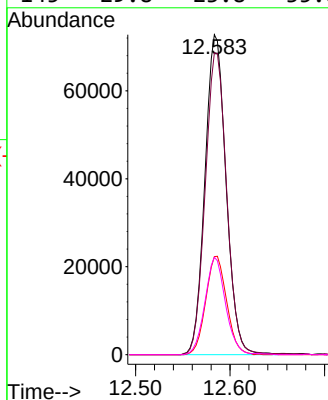
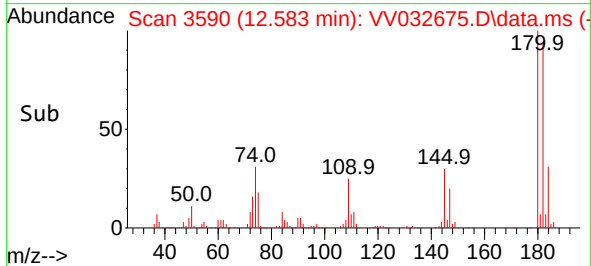


#69
1,3,5-Trichlorobenzene
Concen: 4.730 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Instrument :
MSVOA_V
ClientSampleId :

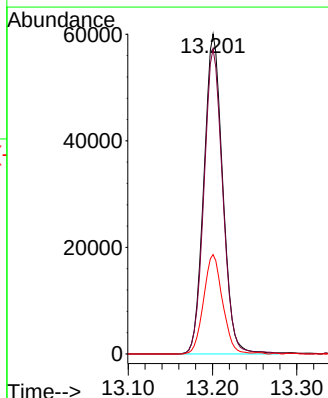
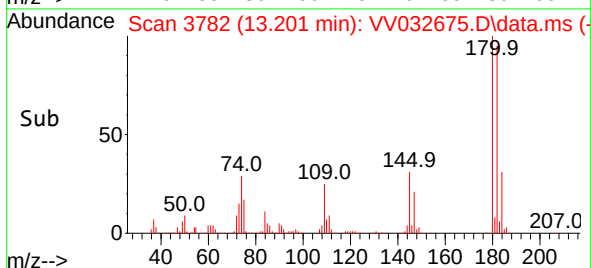
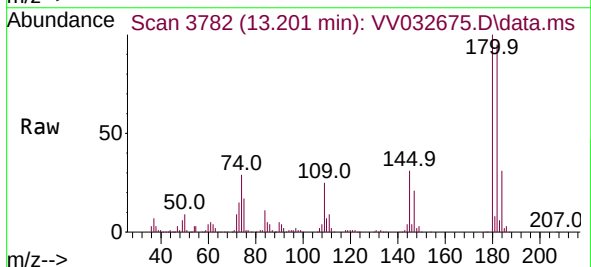


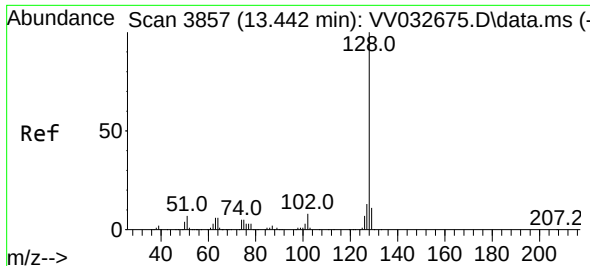
Tgt Ion:180 Resp: 112939
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
184 30.4 24.3 36.5
145 29.8 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 4.448 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion:180 Resp: 93340
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 31.2 25.0 37.4

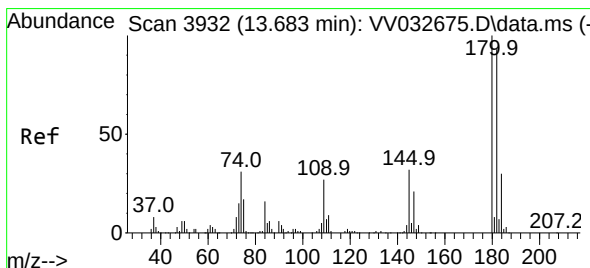
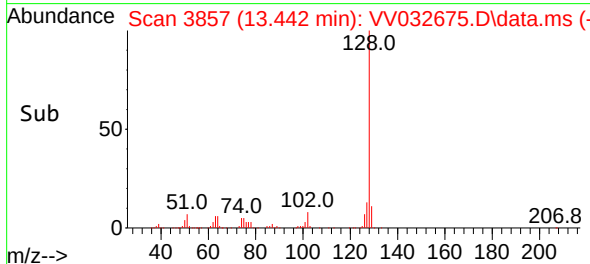
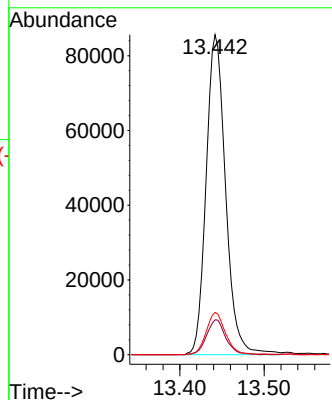
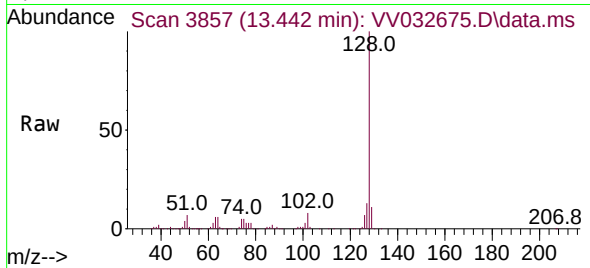




#71
Naphthalene
Concen: 3.929 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 137925
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.601 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032675.D
Acq: 27 Oct 2023 11:20

Tgt Ion:180 Resp: 83600
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.2
145 33.0 26.4 39.6

