

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028775.D
 Acq On : 31 Oct 2022 12:32
 Operator : SY/MD
 Sample : VSTD10073
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 02:59:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 02:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	454399	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	428553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	218162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	429321	118.935	ug/L	0.00
7) Chloroethane-d5	1.558	69	385971	132.666	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	828647	130.242	ug/L	0.00
21) 2-Butanone-d5	3.867	46	659724	210.001	ug/L	0.00
24) Chloroform-d	4.339	84	669580	104.660	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	440394	106.198	ug/L	0.00
32) Benzene-d6	5.044	84	1358109	100.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	465036	104.027	ug/L	0.00
41) Toluene-d8	7.310	98	1221687	100.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.613	79	197618	91.529	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	454197	192.931	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	604967	99.628	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	428528	96.725	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	338446	99.655	ug/L	100
3) Chloromethane	1.237	50	544979	130.329	ug/L	100
5) Vinyl chloride	1.307	62	524516	127.885	ug/L	99
6) Bromomethane	1.516	94	285080	145.578	ug/L	97
8) Chloroethane	1.577	64	356805	141.796	ug/L	99
9) Trichlorofluoromethane	1.748	101	615217	122.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	343337	120.634	ug/L	100
12) 1,1-Dichloroethene	2.114	96	342300	122.538	ug/L	93
13) Acetone	2.159	43	539019	204.327	ug/L	99
14) Carbon disulfide	2.288	76	981486	113.727	ug/L	99
15) Methyl Acetate	2.423	43	515424	119.680	ug/L	100
16) Methylene chloride	2.500	84	383690	108.378	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	335363	106.847	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	1171098	103.157	ug/L	100
19) 1,1-Dichloroethane	3.182	63	726052	112.032	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	374991	106.071	ug/L #	100
22) 2-Butanone	3.950	43	763976	230.798	ug/L	94
23) Bromochloromethane	4.236	128	180159	105.459	ug/L	98
25) Chloroform	4.365	83	677385	108.491	ug/L	99
27) 1,2-Dichloroethane	5.121	62	562589	115.788	ug/L	99
29) Cyclohexane	4.671	56	705623	112.220	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	551085	100.385	ug/L	99
31) Carbon tetrachloride	4.822	117	448826	98.312	ug/L	100
33) Benzene	5.092	78	1552626	108.478	ug/L	100
34) Trichloroethene	5.908	95	359691	102.997	ug/L	97
35) Methylcyclohexane	6.127	83	649735	106.068	ug/L	99
37) 1,2-Dichloropropane	6.166	63	427817	111.211	ug/L	100
38) Bromodichloromethane	6.503	83	499990	102.294	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	611566	102.656	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1447372	220.459	ug/L	100
42) Toluene	7.381	91	1585668	107.818	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	588468	103.429	ug/L	100

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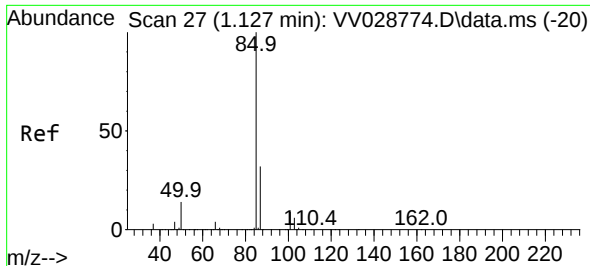
Quant Time: Nov 01 02:59:26 2022
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	361668	102.936	ug/L	99
46) Tetrachloroethene	7.969	164	251719	100.750	ug/L	99
48) 2-Hexanone	8.133	43	1112704	219.770	ug/L	99
49) Dibromochloromethane	8.240	129	355328	97.010	ug/L	98
50) 1,2-Dibromoethane	8.346	107	373385	103.340	ug/L	100
51) Chlorobenzene	8.873	112	954669	104.318	ug/L	99
52) Ethylbenzene	9.005	91	1749878	109.337	ug/L	100
53) m,p-Xylene	9.130	106	644635	106.942	ug/L	99
54) o-Xylene	9.535	106	636647	105.752	ug/L	98
55) Styrene	9.551	104	1110668	107.360	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	642081	105.383	ug/L	100
59) Bromoform	9.722	173	231228	89.450	ug/L	100
60) Isopropylbenzene	9.924	105	1695389	106.887	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	500403	105.657	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	1449074	106.127	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1442987	106.438	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	717418	104.353	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	719511	104.761	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	721851	104.076	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	137794	98.781	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	522211	101.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	468465	104.506	ug/L	99
71) Naphthalene	13.490	128	1559513	110.479	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	475095	107.314	ug/L	99

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

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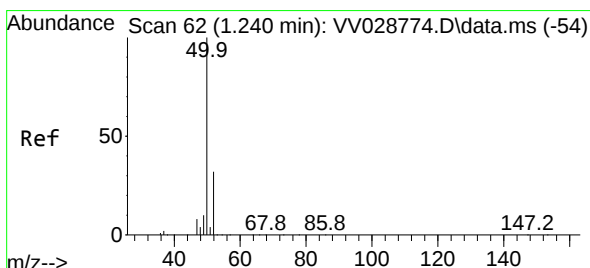
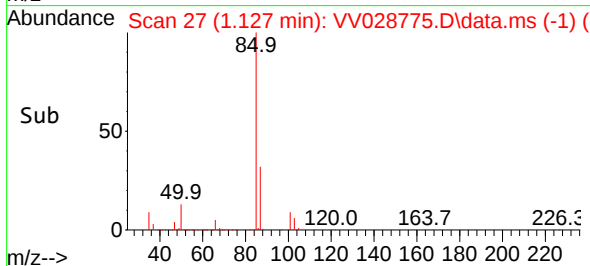
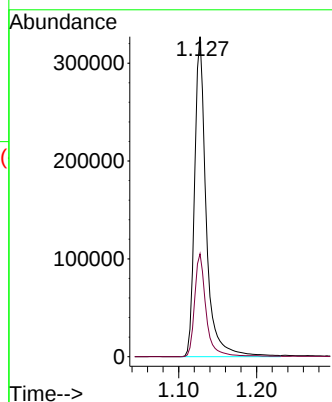
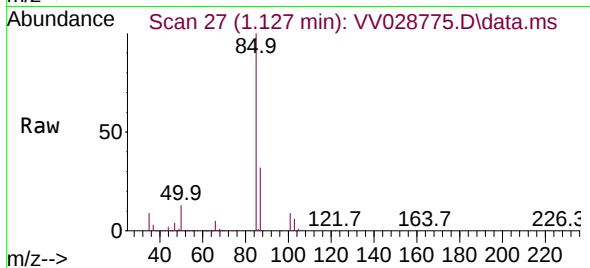




#2
 Dichlorodifluoromethane
 Concen: 99.655 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

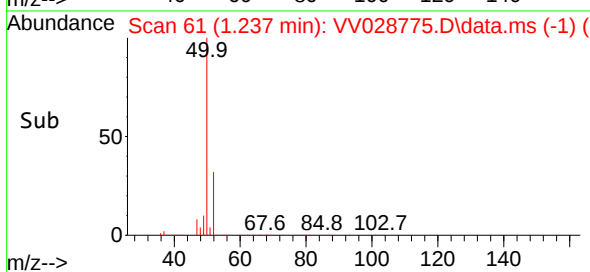
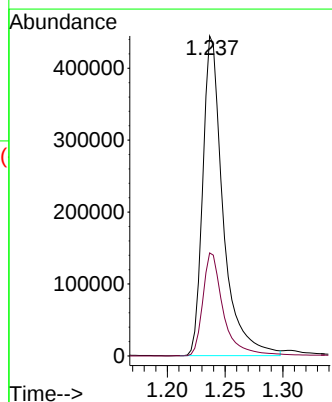
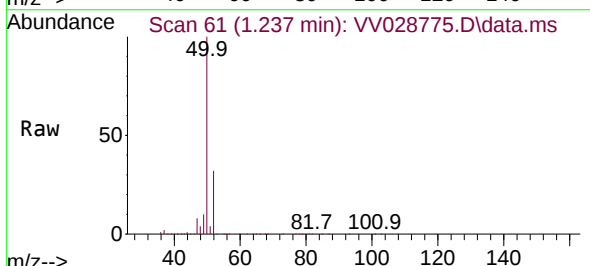
Instrument :
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 ClientSampleId :

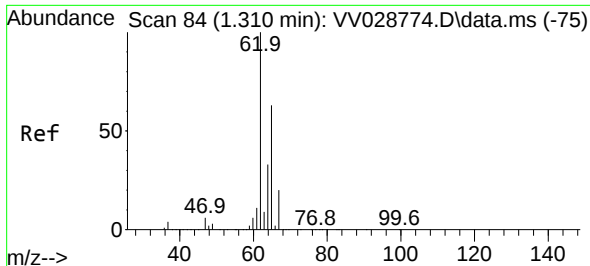
Tgt Ion: 85 Resp: 338446
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.4 38.0



#3
 Chloromethane
 Concen: 130.329 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

Tgt Ion: 50 Resp: 544979
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1

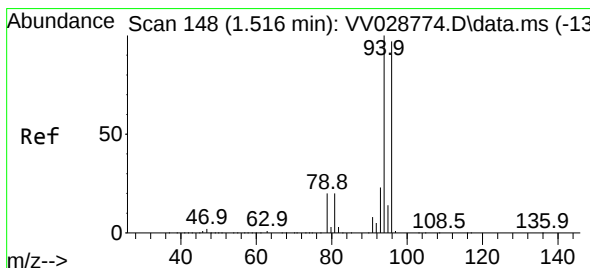
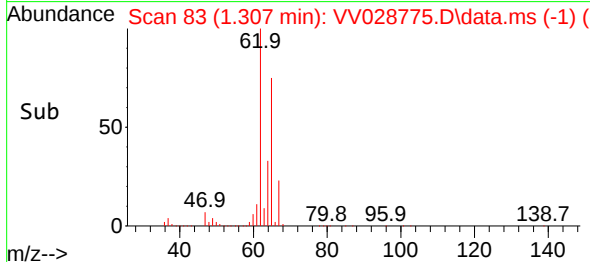
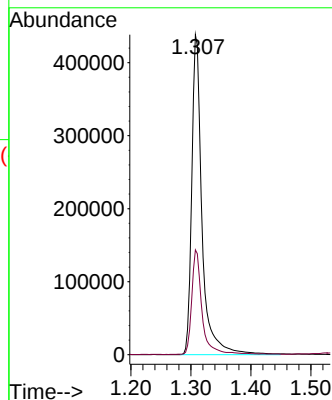
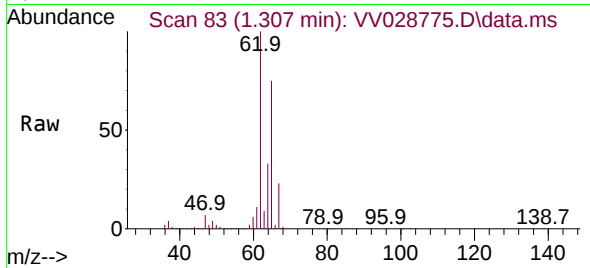




#5
 Vinyl chloride
 Concen: 127.885 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

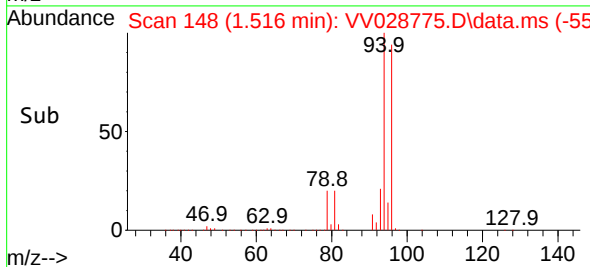
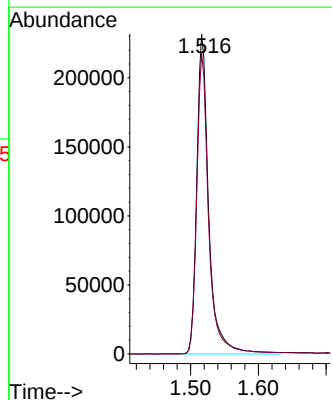
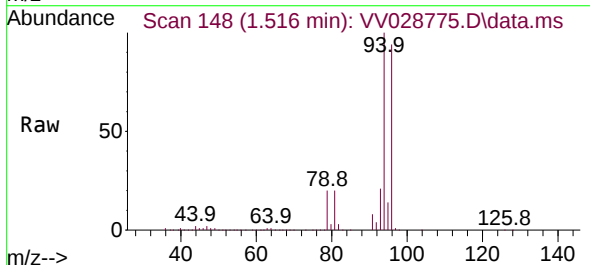
Instrument :
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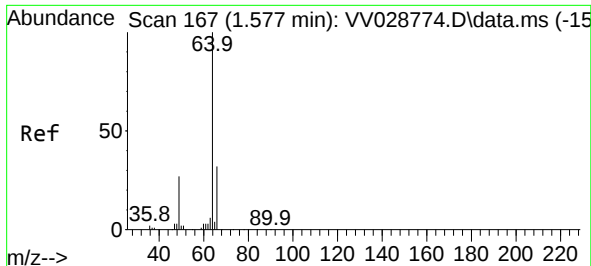
Tgt Ion: 62 Resp: 524516
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 145.578 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

Tgt Ion: 94 Resp: 285080
 Ion Ratio Lower Upper
 94 100
 96 93.8 67.6 125.6

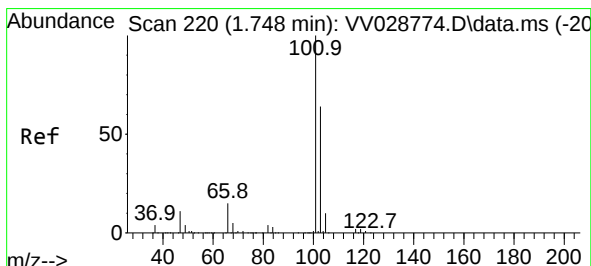
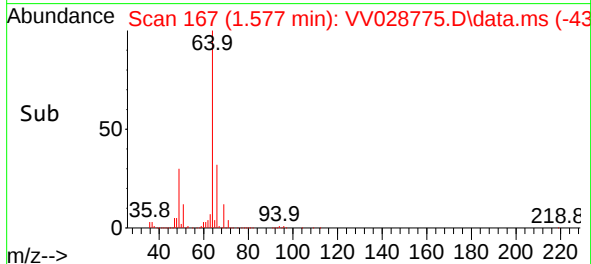
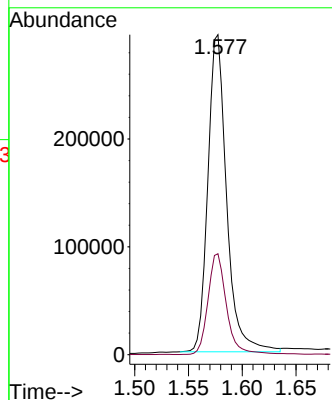
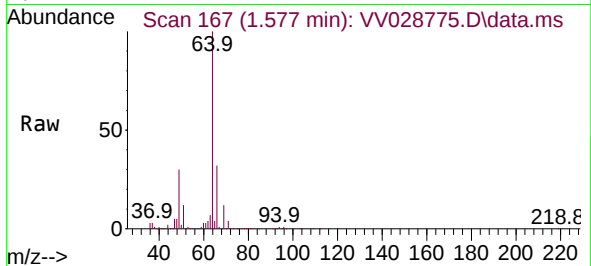




#8
Chloroethane
Concen: 141.796 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

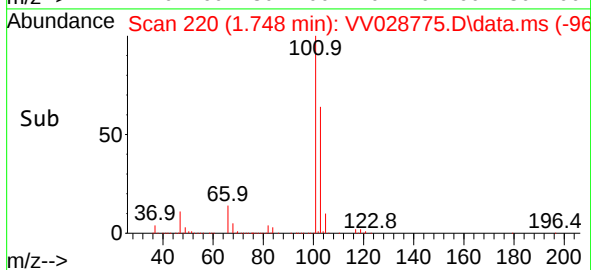
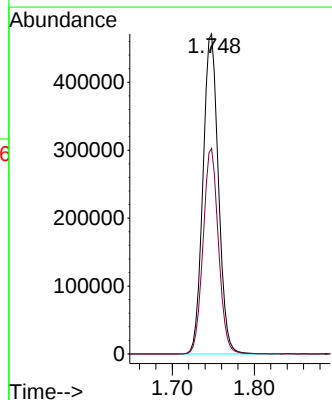
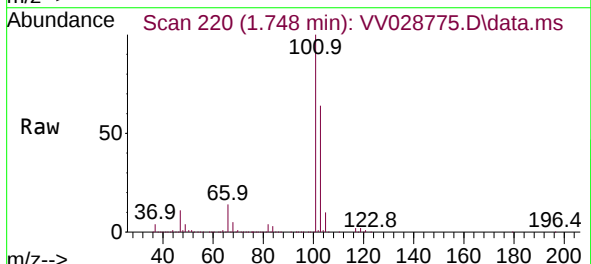
Instrument :
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ClientSampleId :

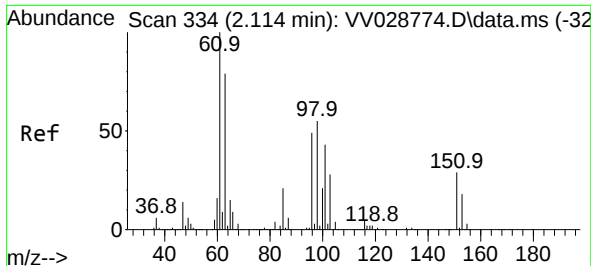
Tgt Ion: 64 Resp: 356805
Ion Ratio Lower Upper
64 100
66 31.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 122.860 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion:101 Resp: 615217
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

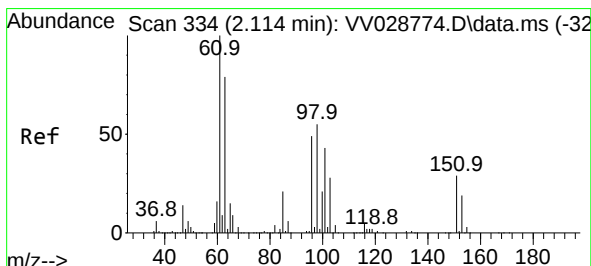
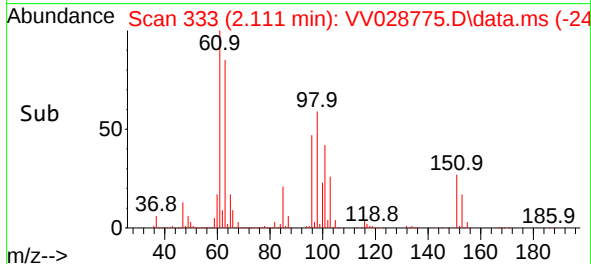
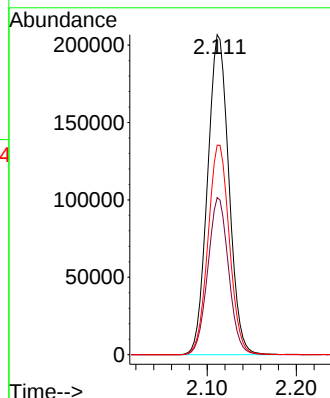
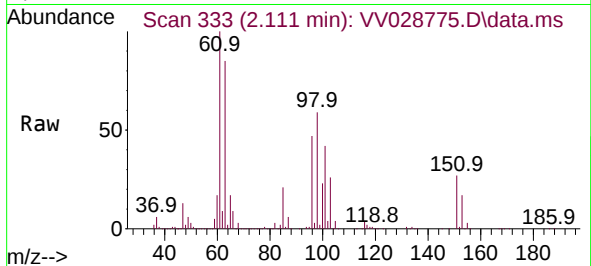




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 120.634 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

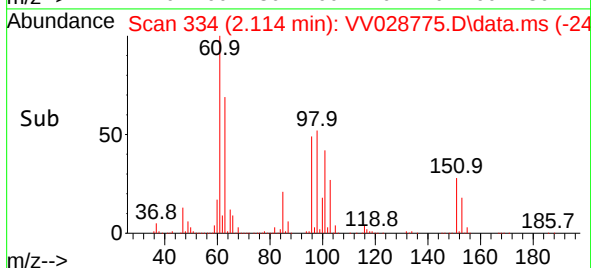
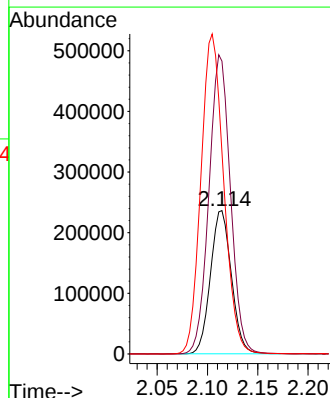
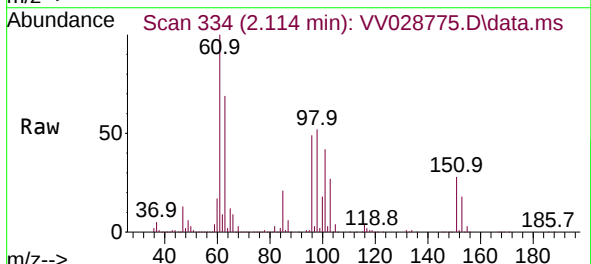
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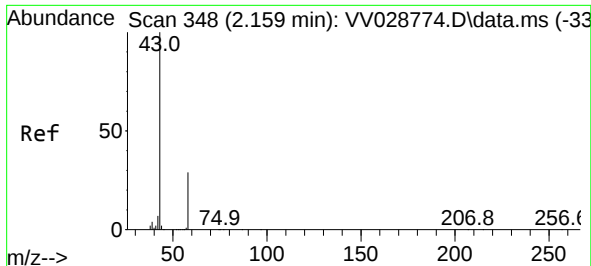
Tgt Ion:101 Resp: 343337
 Ion Ratio Lower Upper
 101 100
 85 47.9 38.0 57.0
 151 65.8 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 122.538 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

Tgt Ion: 96 Resp: 342300
 Ion Ratio Lower Upper
 96 100
 61 204.2 142.7 265.1
 63 140.7 112.5 208.9





#13

Acetone

Concen: 204.327 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

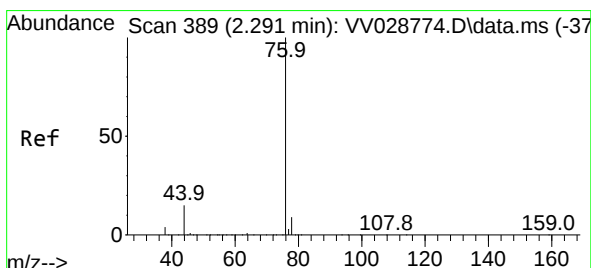
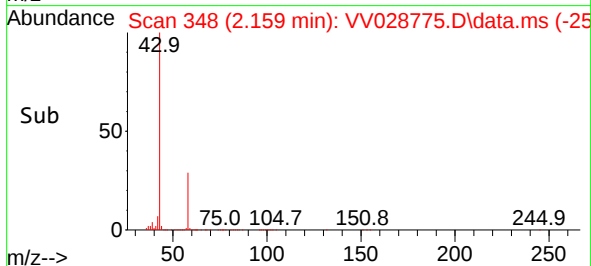
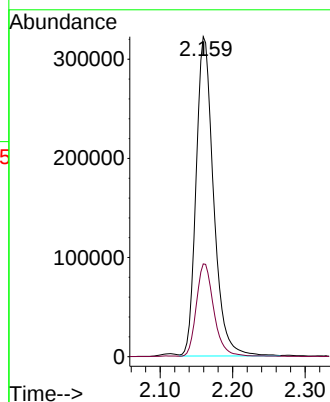
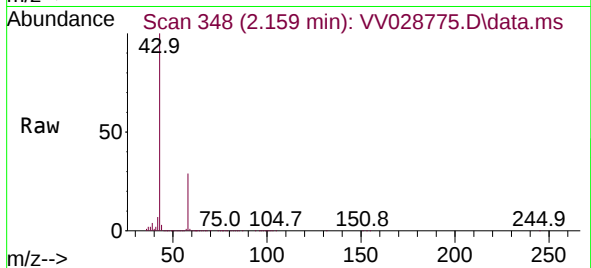
ClientSampleId :

Tgt Ion: 43 Resp: 539019

Ion Ratio Lower Upper

43 100

58 28.8 0.0 59.0



#14

Carbon disulfide

Concen: 113.727 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV028775.D

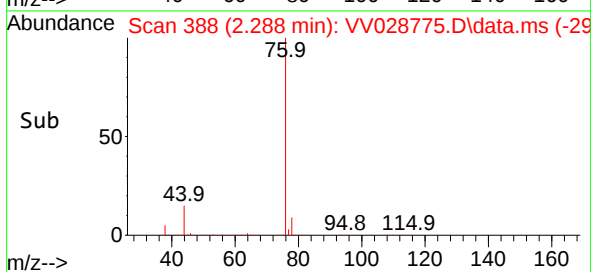
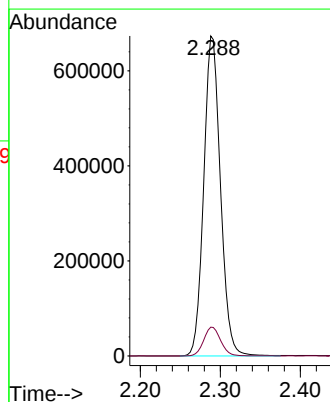
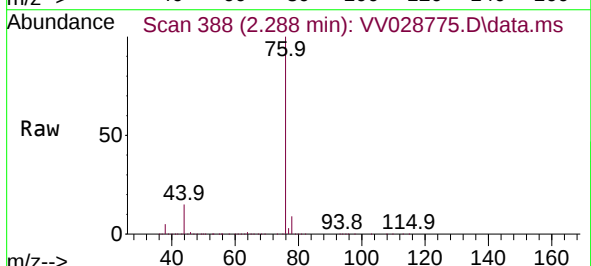
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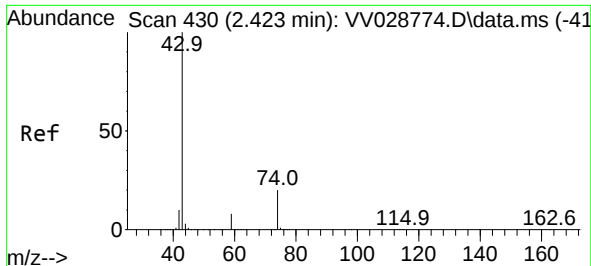
Tgt Ion: 76 Resp: 981486

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

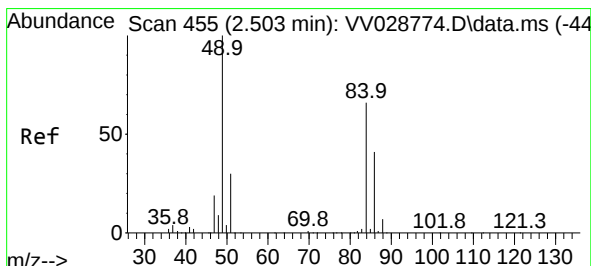
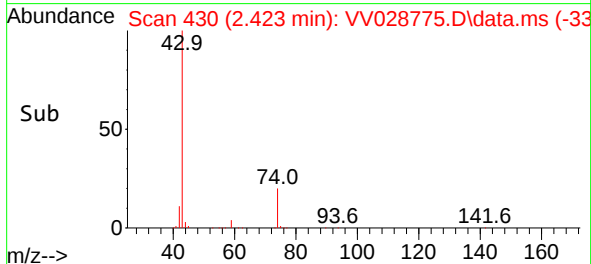
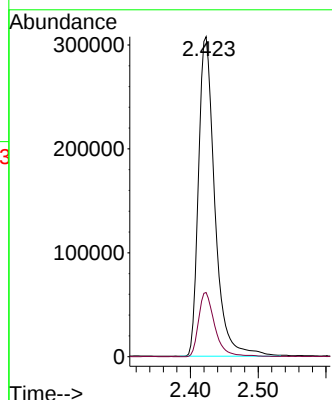
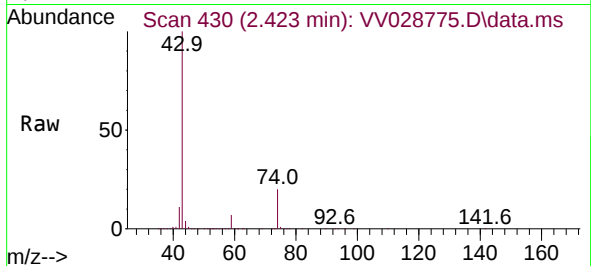




#15
Methyl Acetate
Concen: 119.680 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

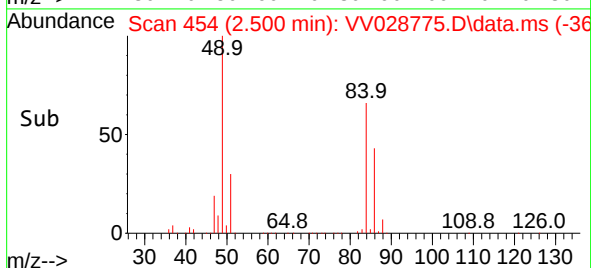
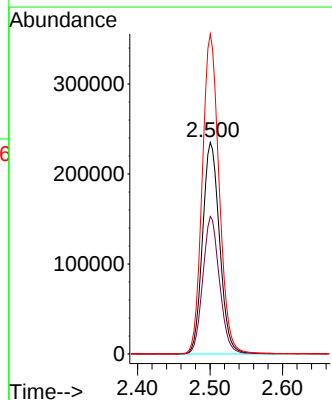
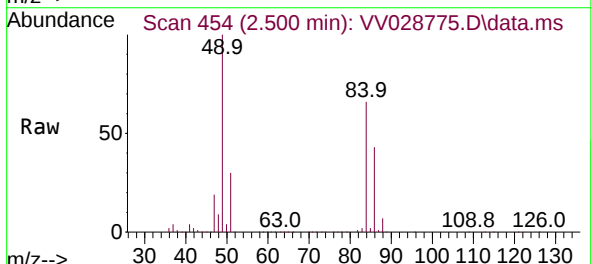
Instrument :
MSVOA_V
ClientSampleId :

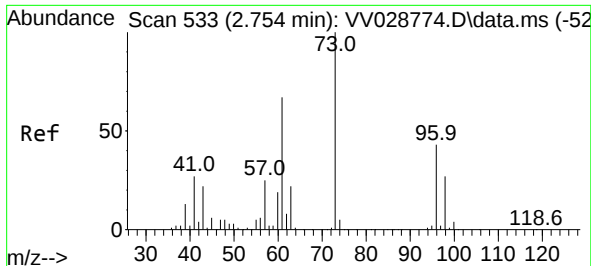
Tgt Ion: 43 Resp: 515424
Ion Ratio Lower Upper
43 100
74 19.7 15.6 23.4



#16
Methylene chloride
Concen: 108.378 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 84 Resp: 383690
Ion Ratio Lower Upper
84 100
86 65.0 43.7 81.1
49 151.2 105.3 195.5

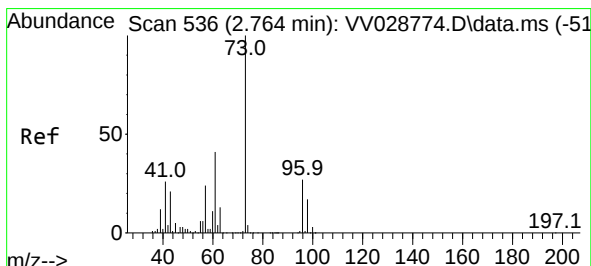
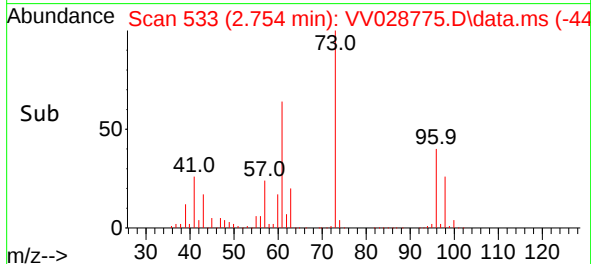
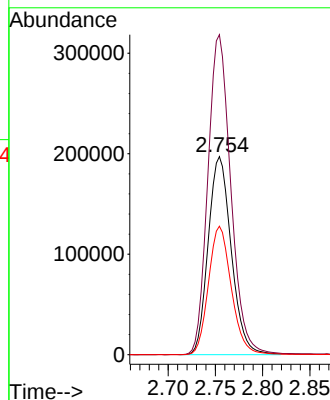
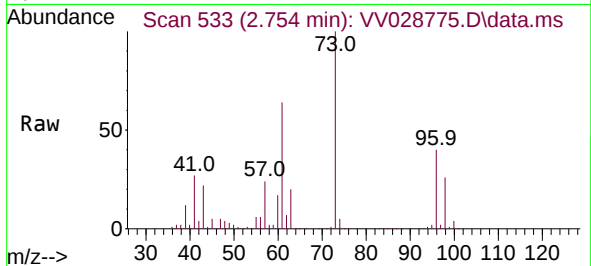




#17
trans-1,2-Dichloroethene
Concen: 106.847 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

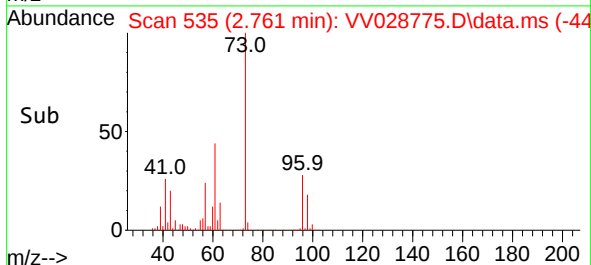
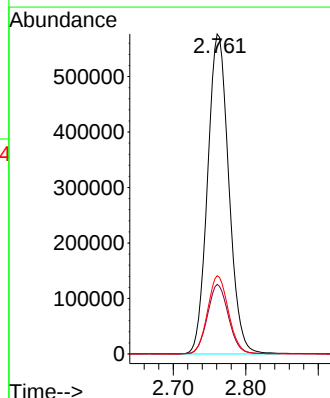
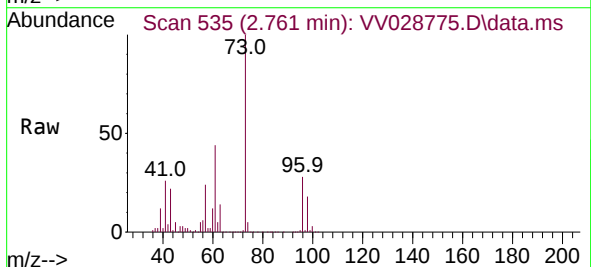
Instrument :
MSVOA_V
ClientSampleId :

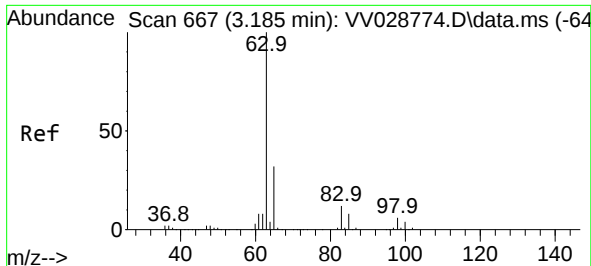
Tgt Ion: 96 Resp: 335363
Ion Ratio Lower Upper
96 100
61 161.5 109.4 203.2
98 64.9 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 103.157 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 73 Resp: 1171098
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7
57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 112.032 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

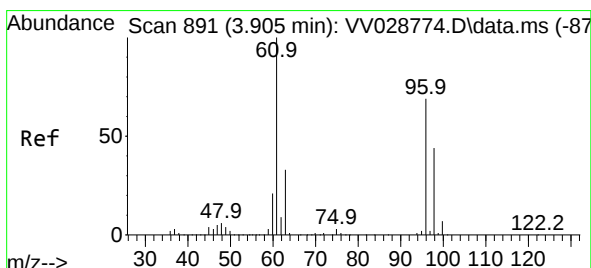
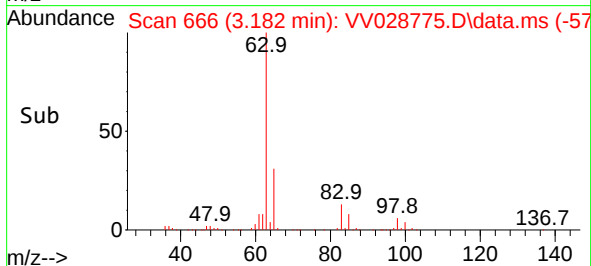
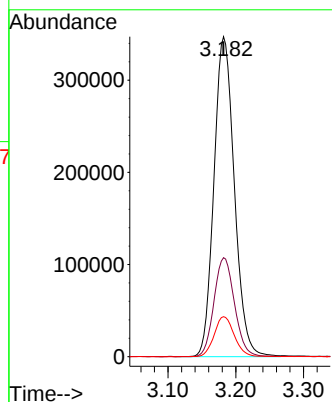
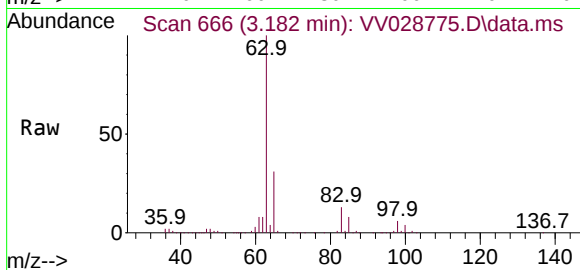
Tgt Ion: 63 Resp: 726052

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.9

83 12.5 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 106.071 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

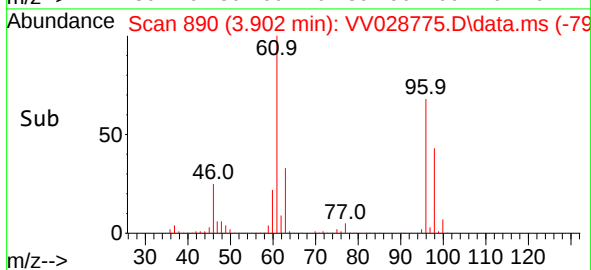
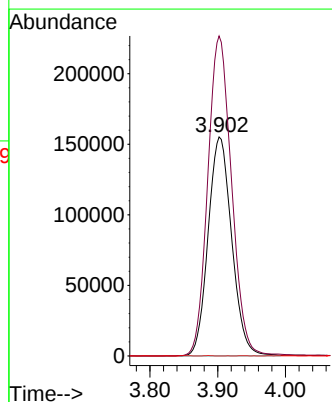
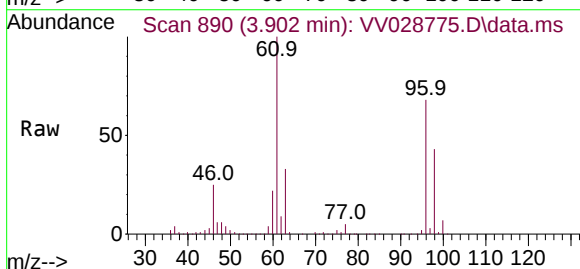
Tgt Ion: 96 Resp: 374991

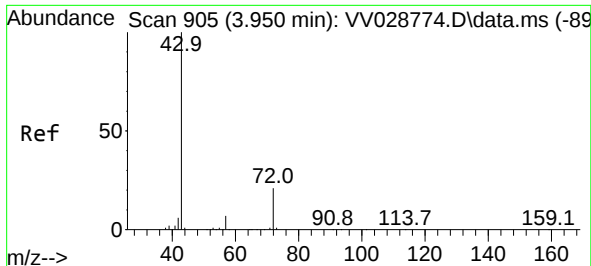
Ion Ratio Lower Upper

96 100

61 146.1 102.3 190.1

68 0.0 0.1 0.3#

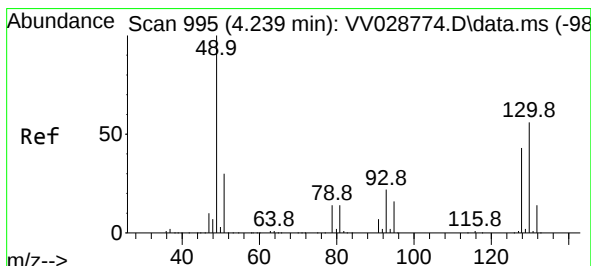
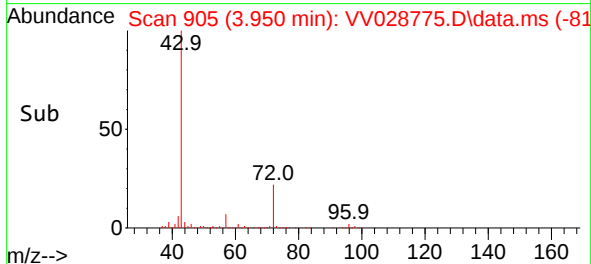
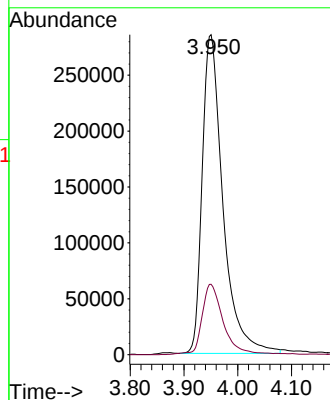
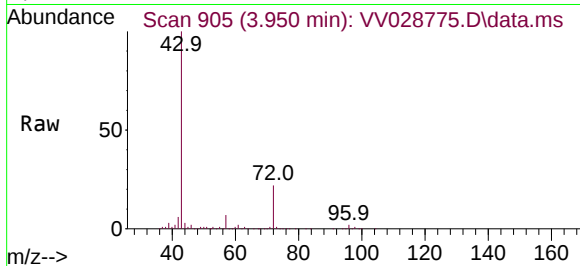




#22
2-Butanone
Concen: 230.798 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

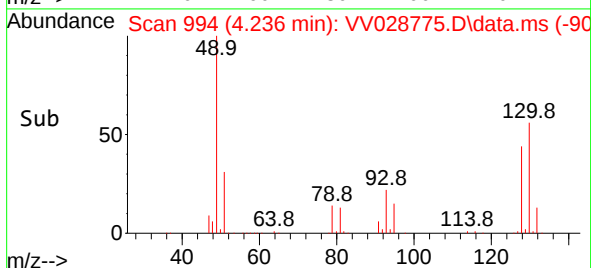
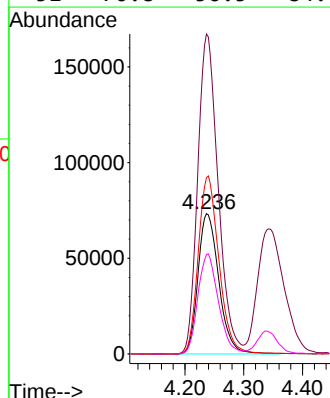
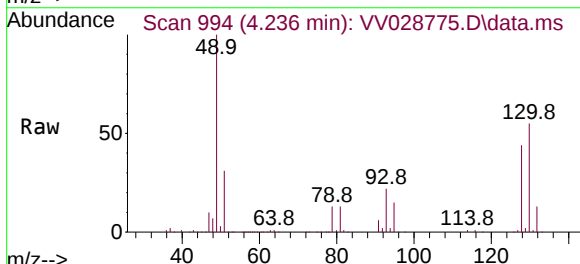
Instrument :
MSVOA_V
ClientSampleId :

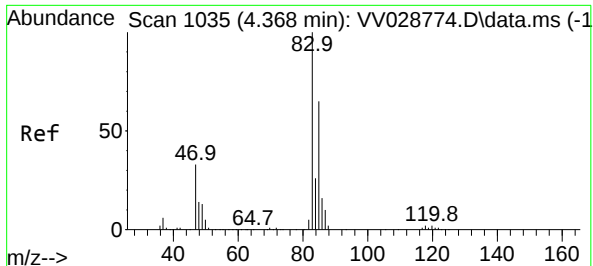
Tgt Ion: 43 Resp: 763976
Ion Ratio Lower Upper
43 100
72 22.7 10.0 30.0



#23
Bromochloromethane
Concen: 105.459 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion:128 Resp: 180159
Ion Ratio Lower Upper
128 100
49 228.2 161.8 300.6
130 125.8 89.9 166.9
51 70.8 56.5 84.7





#25

Chloroform

Concen: 108.491 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

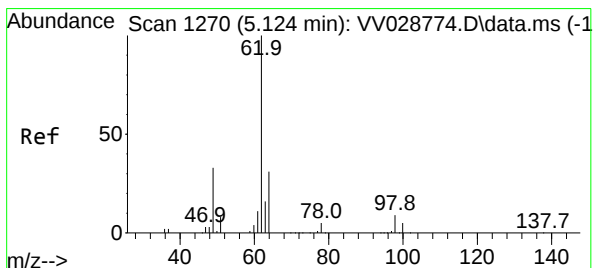
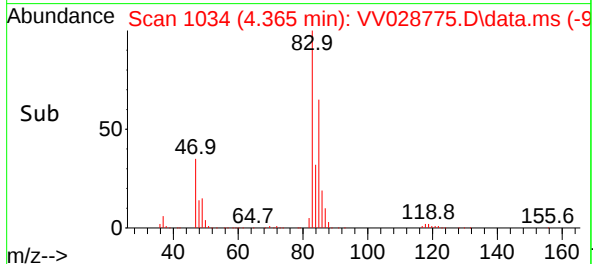
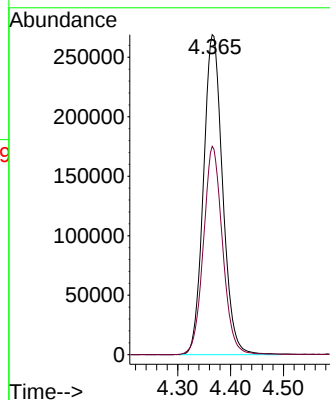
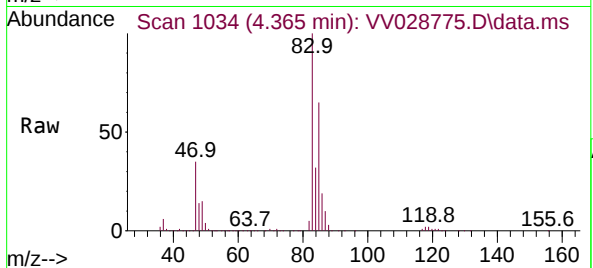
ClientSampleId :

Tgt Ion: 83 Resp: 677385

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 115.788 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV028775.D

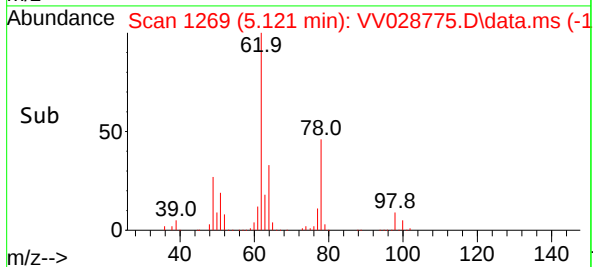
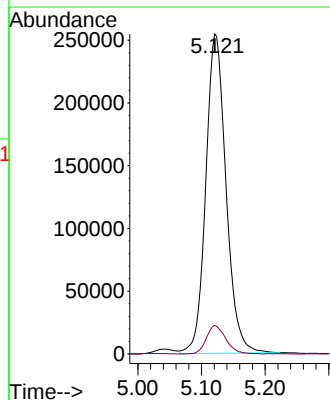
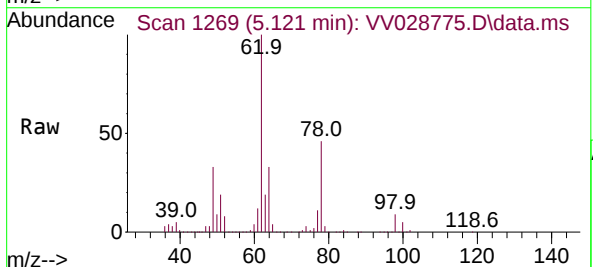
Acq: 31 Oct 2022 12:32

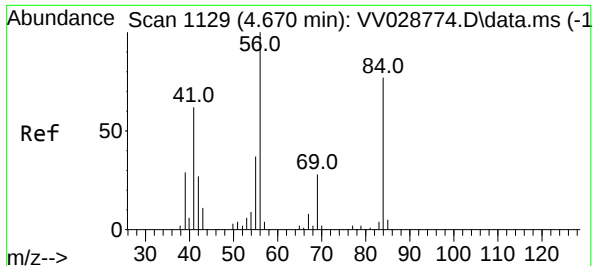
Tgt Ion: 62 Resp: 562589

Ion Ratio Lower Upper

62 100

98 8.9 6.9 10.3





#29

Cyclohexane

Concen: 112.220 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

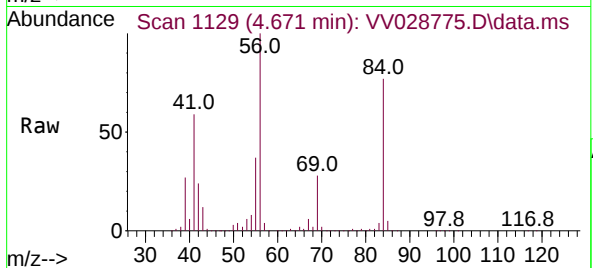
Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :



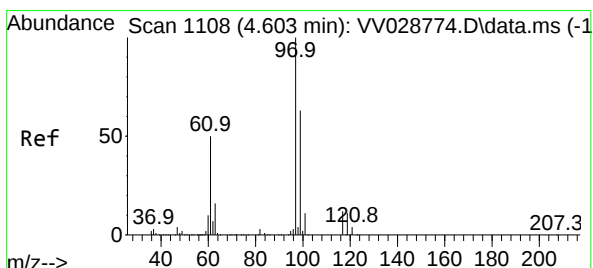
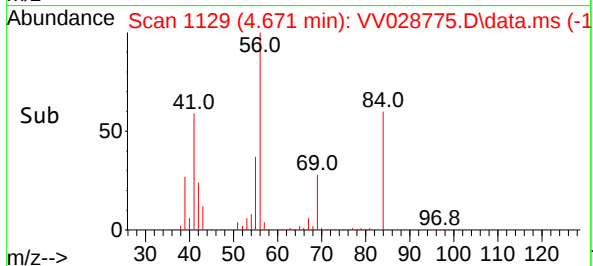
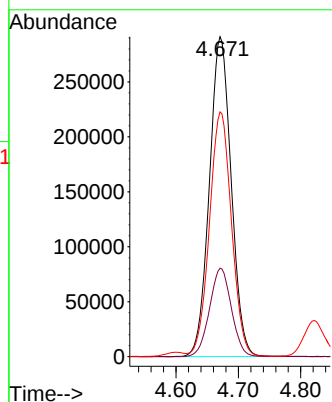
Tgt Ion: 56 Resp: 705623

Ion Ratio Lower Upper

56 100

69 27.8 22.2 33.2

84 77.5 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 100.385 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

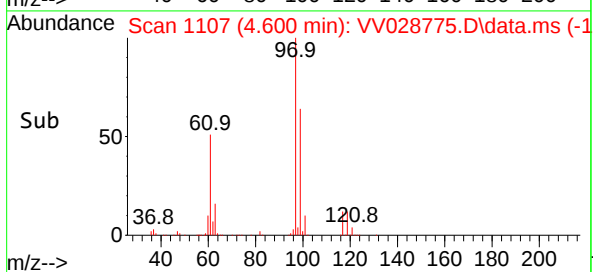
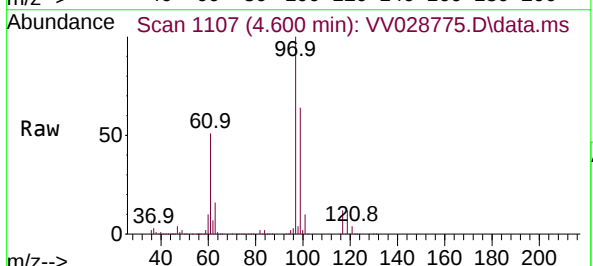
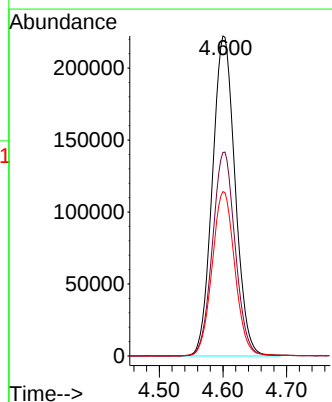
Tgt Ion: 97 Resp: 551085

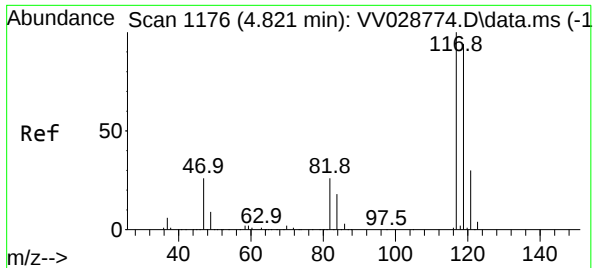
Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.4

61 51.4 40.2 60.4

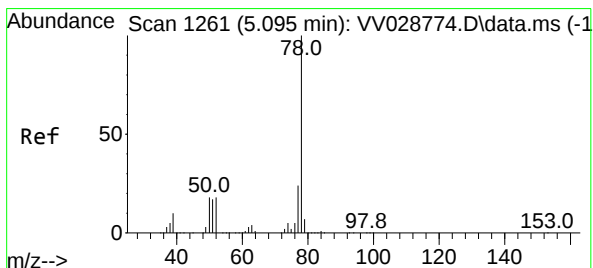
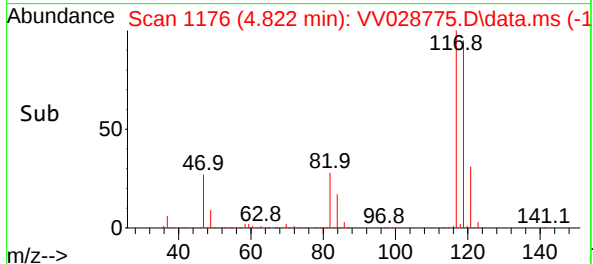
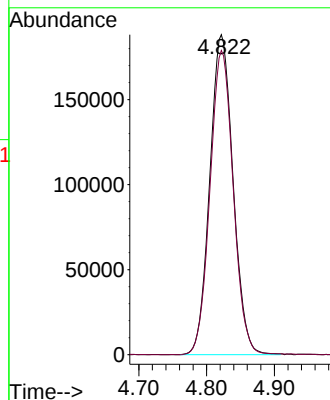
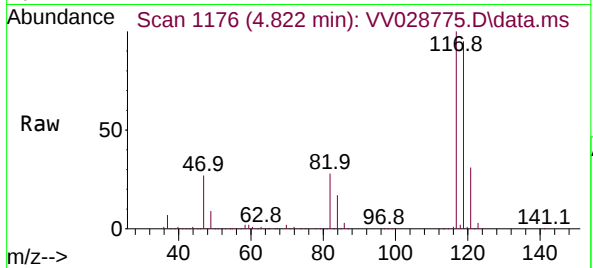




#31
Carbon tetrachloride
Concen: 98.312 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

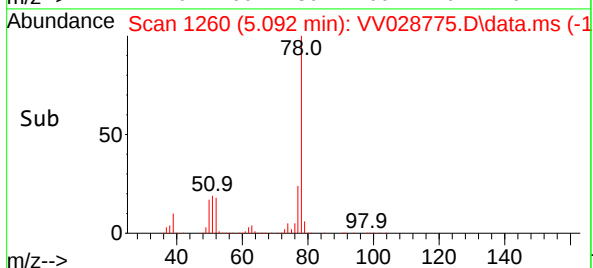
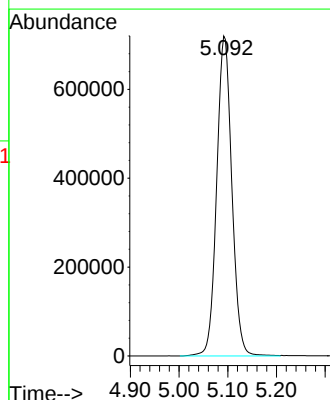
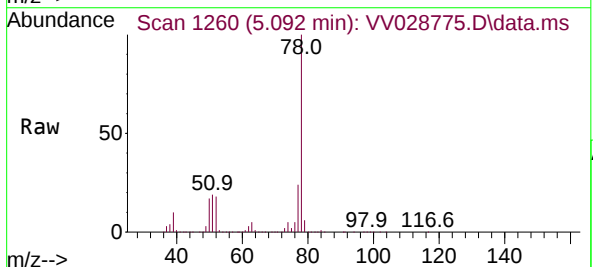
Instrument :
MSVOA_V
ClientSampleId :

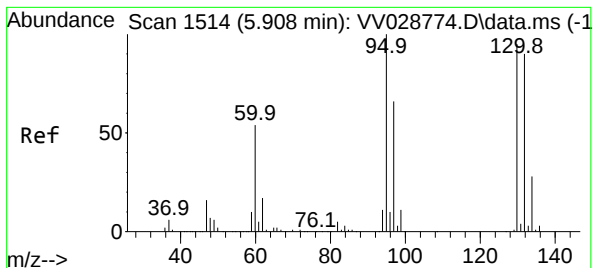
Tgt Ion:117 Resp: 448826
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1



#33
Benzene
Concen: 108.478 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 78 Resp: 1552626





#34

Trichloroethene

Concen: 102.997 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 359691

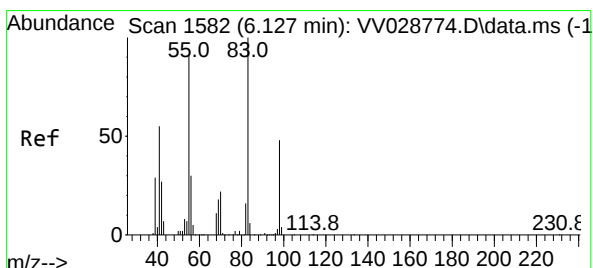
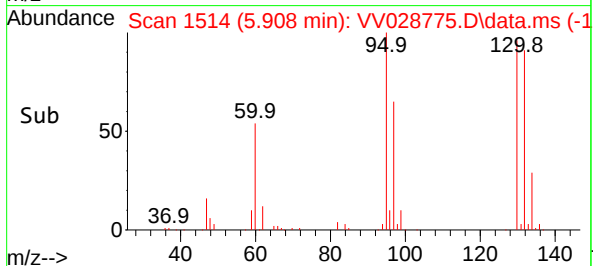
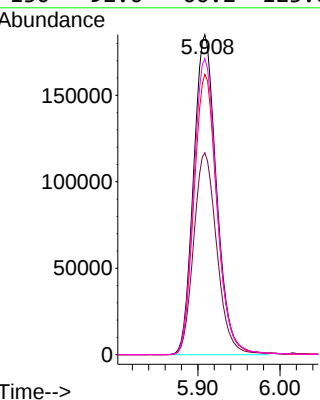
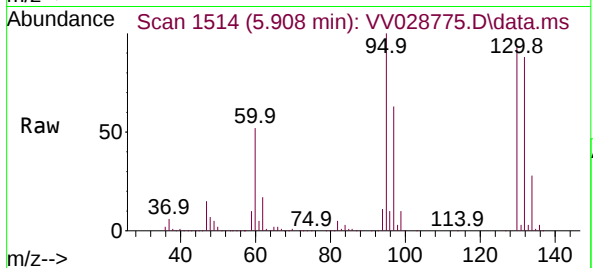
Ion Ratio Lower Upper

95 100

97 63.1 46.2 85.8

132 87.6 63.2 117.4

130 92.6 66.2 123.0



#35

Methylcyclohexane

Concen: 106.068 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

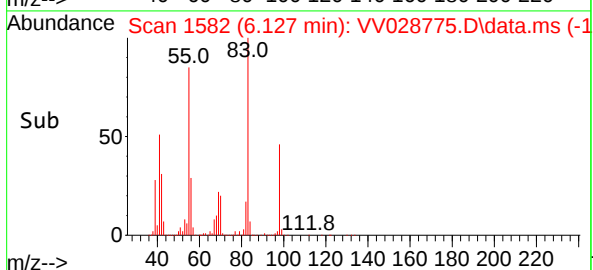
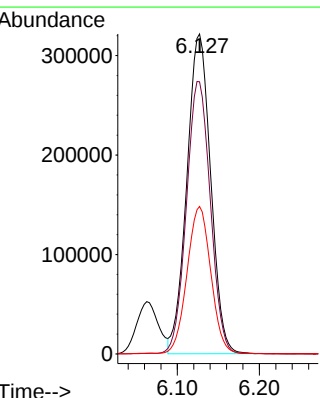
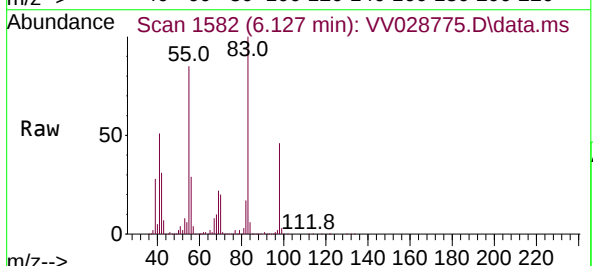
Tgt Ion: 83 Resp: 649735

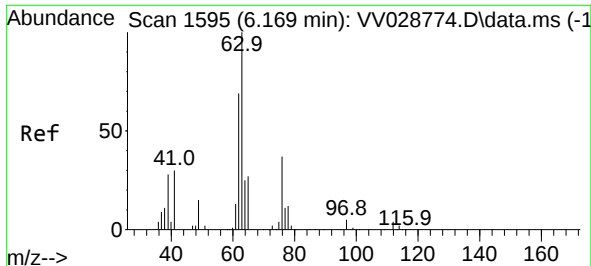
Ion Ratio Lower Upper

83 100

55 85.5 69.4 104.2

98 46.2 37.0 55.4





#37

1,2-Dichloropropane

Concen: 111.211 ug/L

RT: 6.166 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

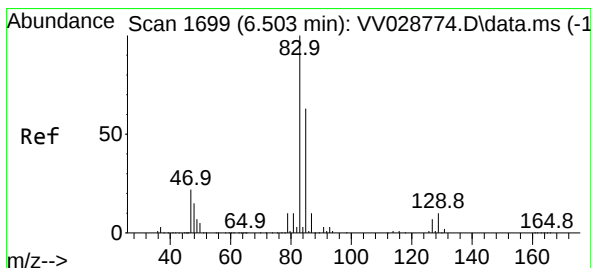
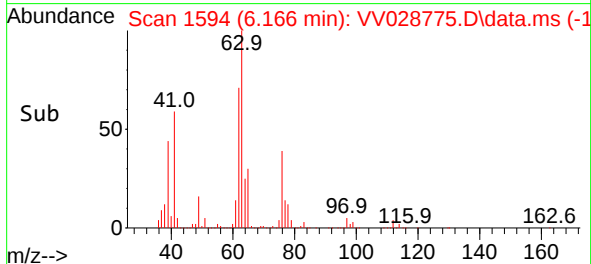
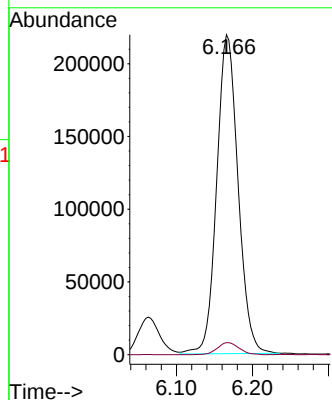
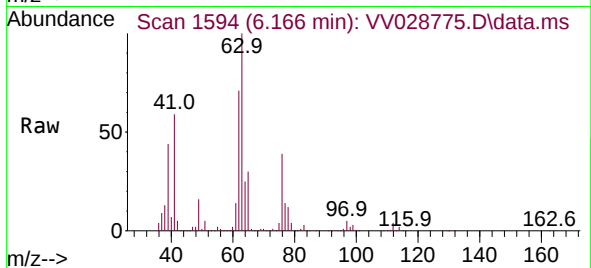
ClientSampleId :

Tgt Ion: 63 Resp: 427817

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 102.294 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

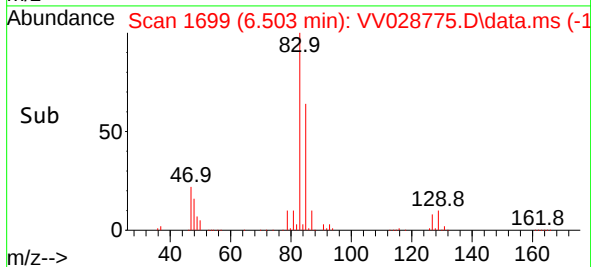
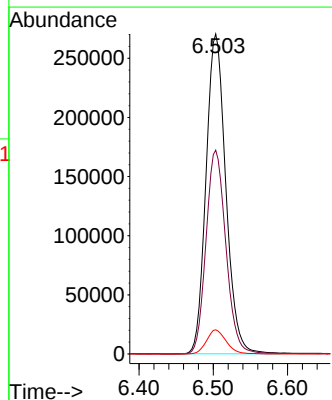
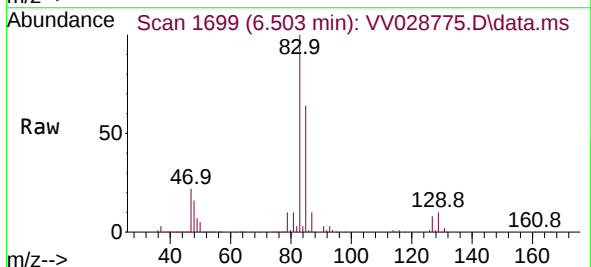
Tgt Ion: 83 Resp: 499990

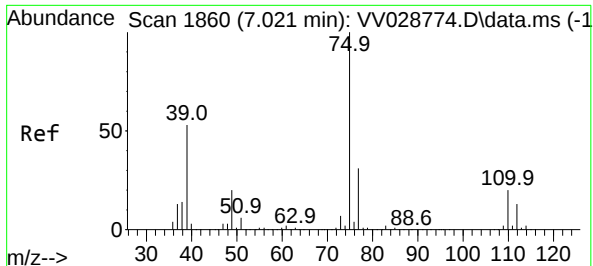
Ion Ratio Lower Upper

83 100

85 63.7 44.3 82.3

127 7.5 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 102.656 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

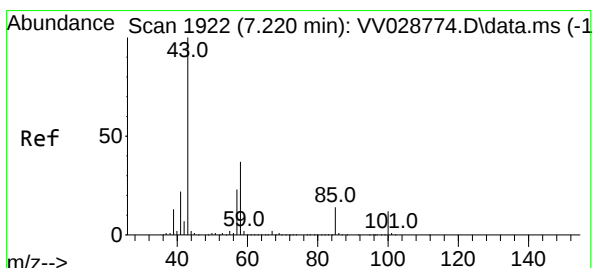
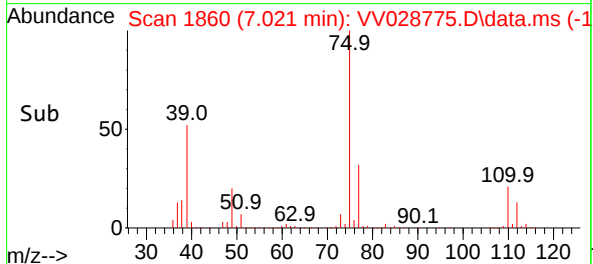
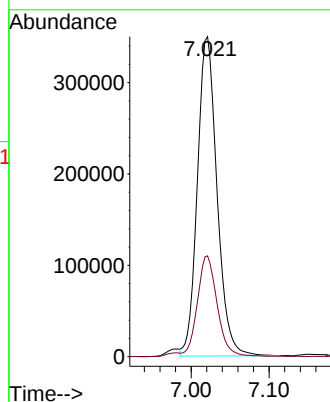
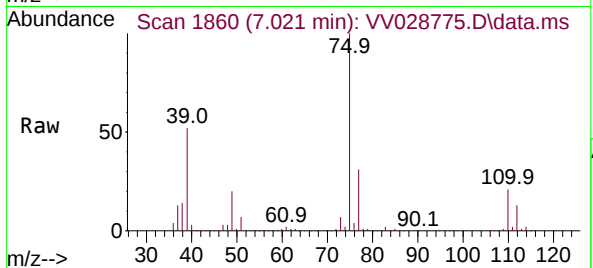
ClientSampleId :

Tgt Ion: 75 Resp: 611566

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 220.459 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

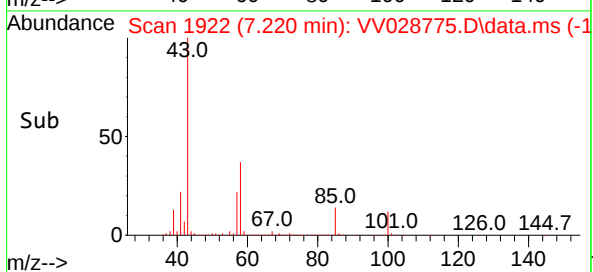
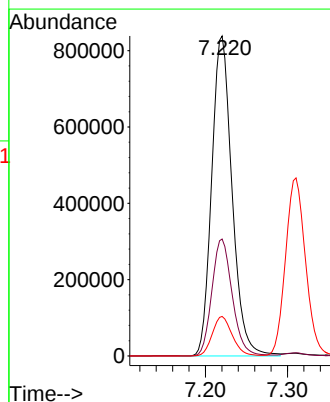
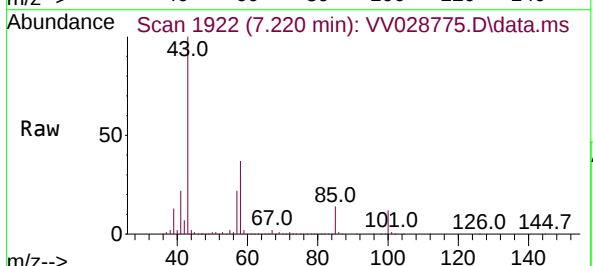
Tgt Ion: 43 Resp: 1447372

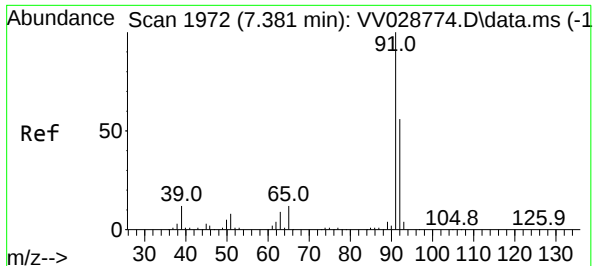
Ion Ratio Lower Upper

43 100

58 36.6 29.1 43.7

100 12.1 9.5 14.3





#42

Toluene

Concen: 107.818 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

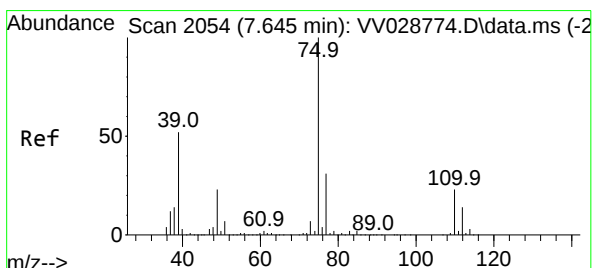
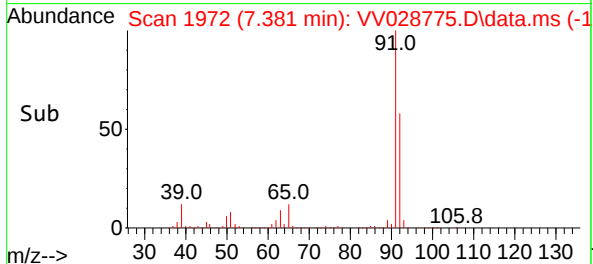
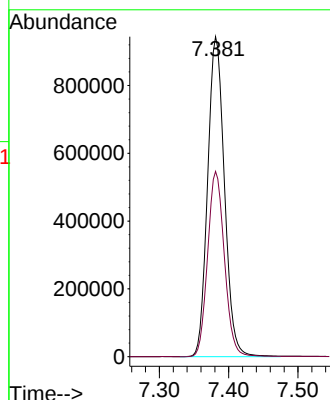
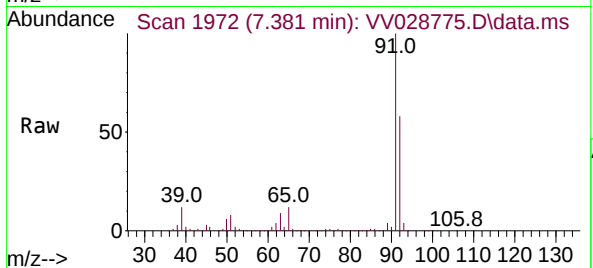
ClientSampleId :

Tgt Ion: 91 Resp: 1585668

Ion Ratio Lower Upper

91 100

92 57.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 103.429 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV028775.D

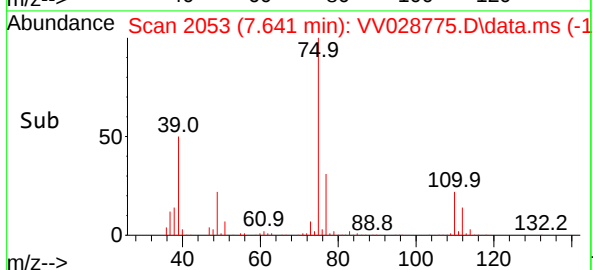
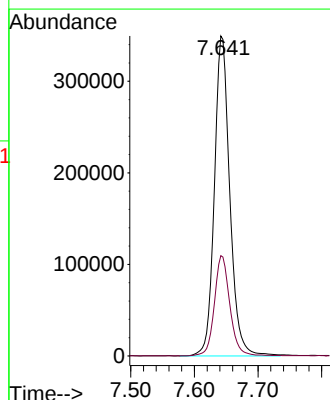
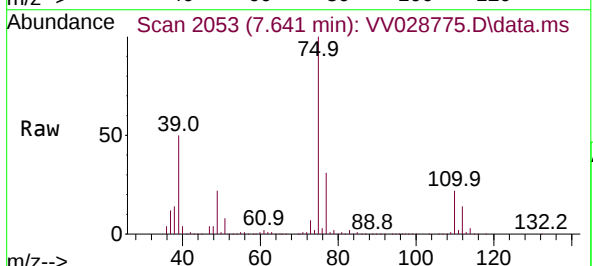
Acq: 31 Oct 2022 12:32

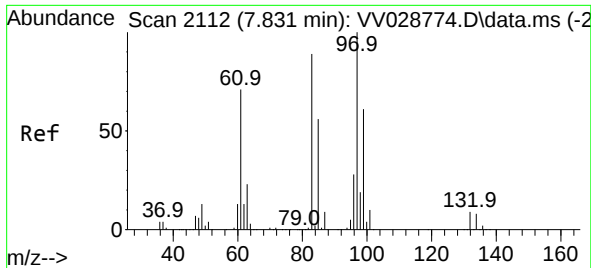
Tgt Ion: 75 Resp: 588468

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



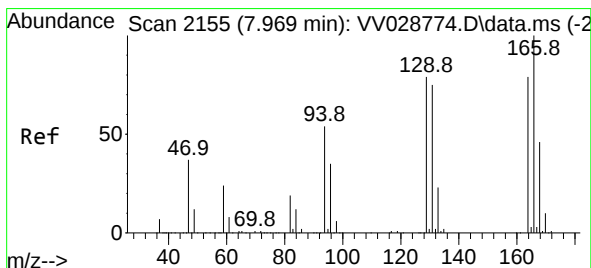
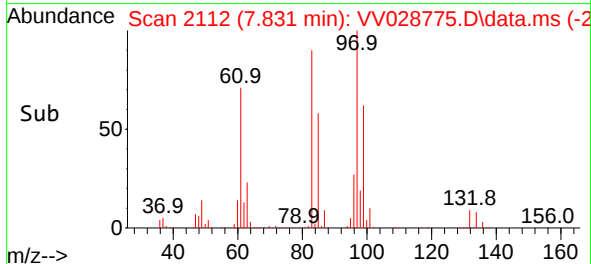
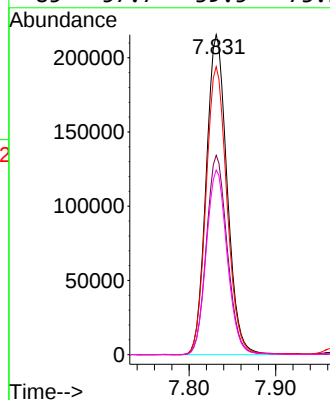
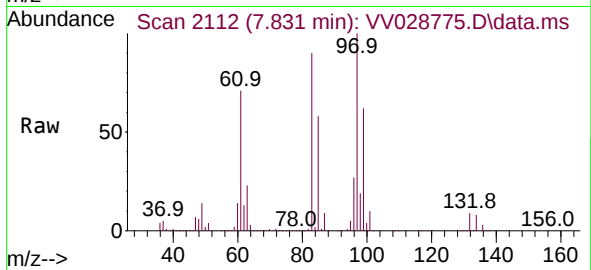


#45
1,1,2-Trichloroethane
Concen: 102.936 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 361668

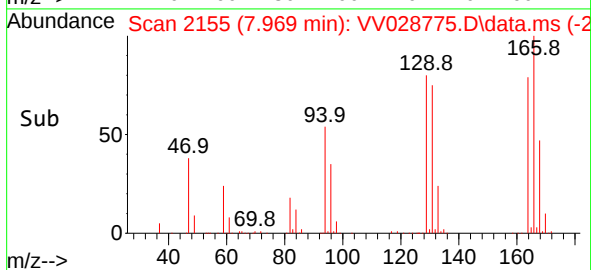
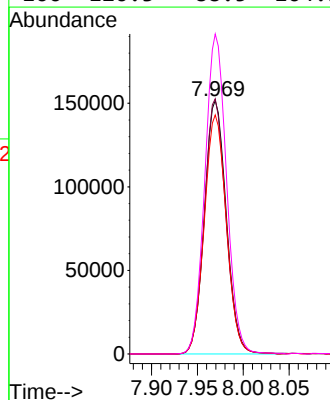
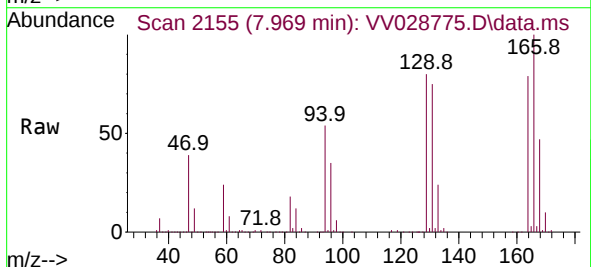
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.9	79.7
83	90.0	62.7	116.5
85	57.7	39.5	73.3

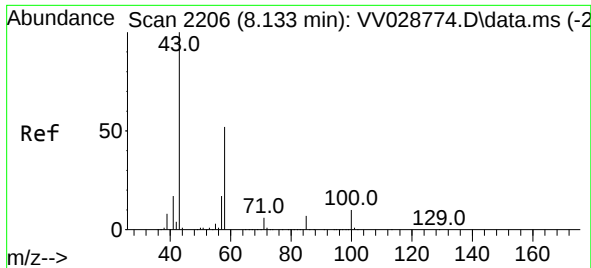


#46
Tetrachloroethene
Concen: 100.750 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 164 Resp: 251719

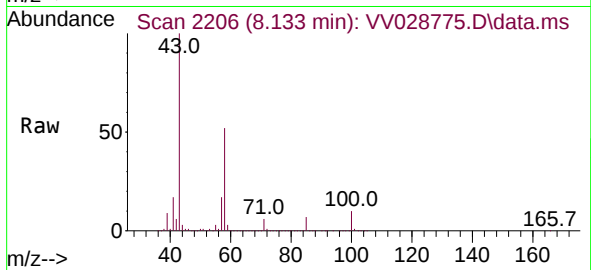
Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.5	129.1
131	94.3	66.4	123.2
166	126.3	88.5	164.3





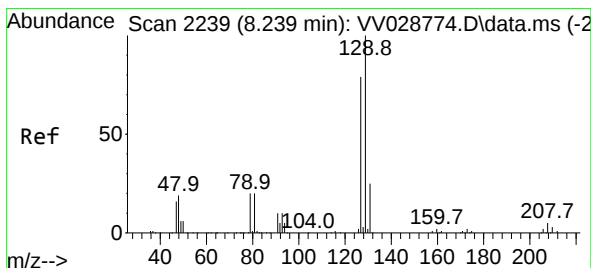
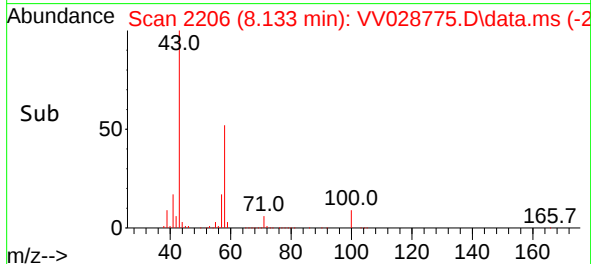
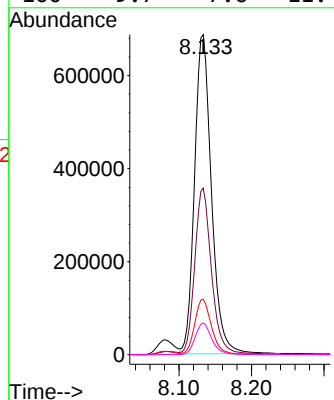
#48
2-Hexanone
Concen: 219.770 ug/L
RT: 8.133 min Scan# 2112704
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1112704

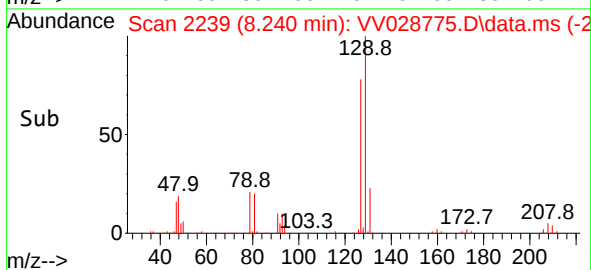
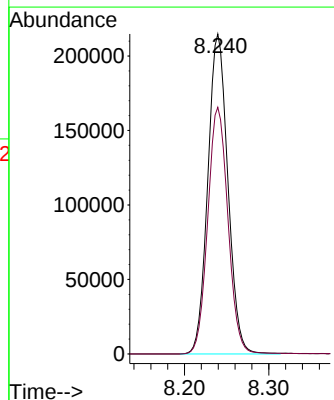
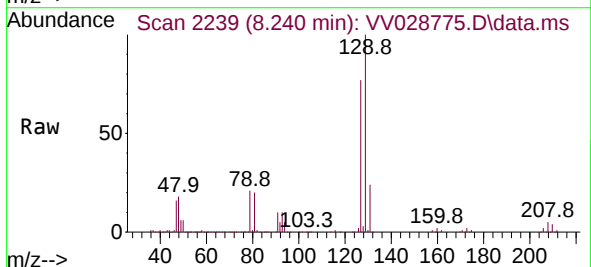
Ion	Ratio	Lower	Upper
43	100		
58	50.6	41.4	62.0
57	16.9	13.8	20.6
100	9.7	7.6	11.4

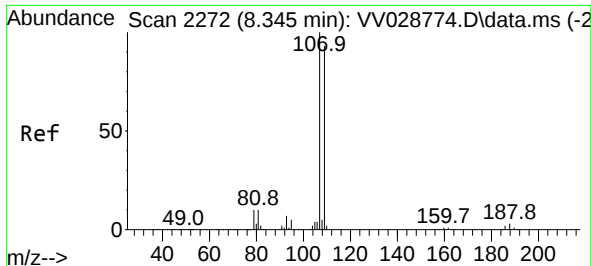


#49
Dibromochloromethane
Concen: 97.010 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 129 Resp: 355328

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.3	102.7





#50

1,2-Dibromoethane

Concen: 103.340 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

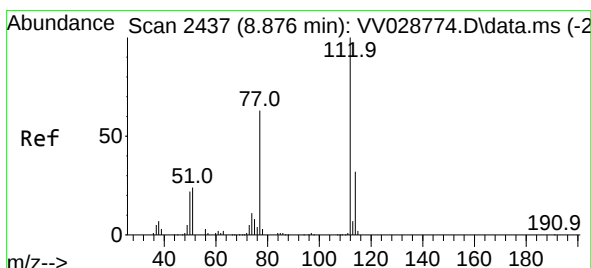
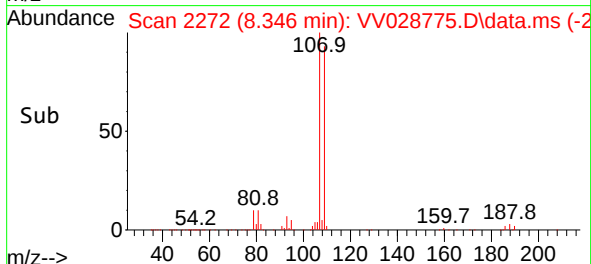
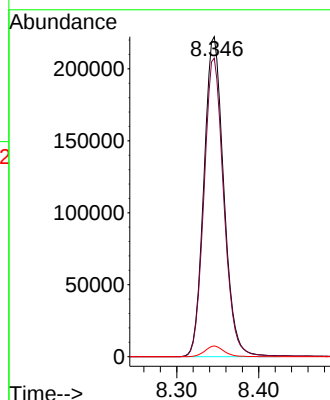
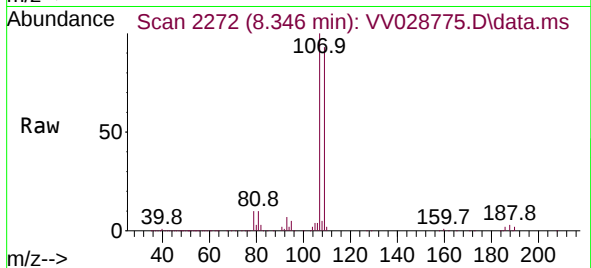
Tgt Ion:107 Resp: 373385

Ion Ratio Lower Upper

107 100

109 93.3 65.2 121.0

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 104.318 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

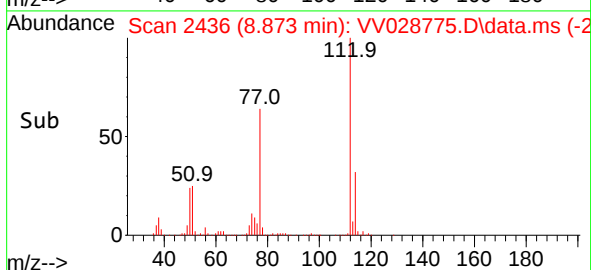
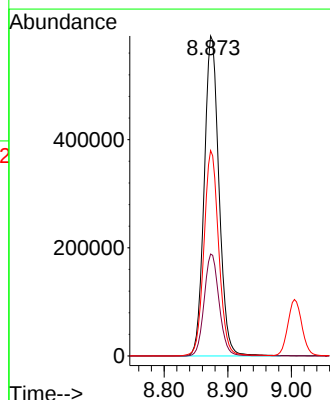
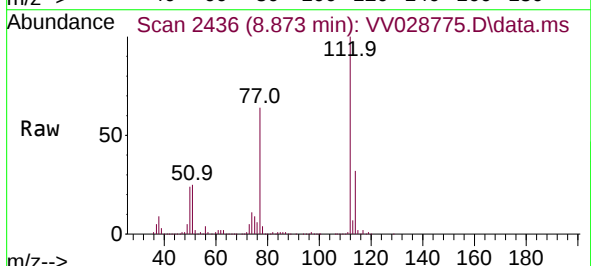
Tgt Ion:112 Resp: 954669

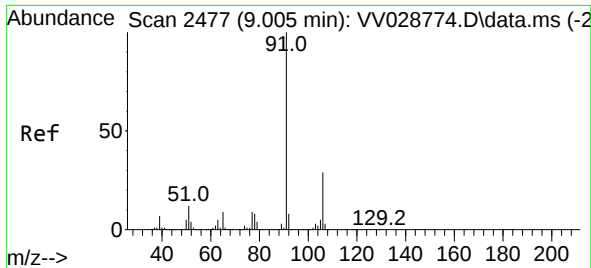
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 64.2 50.6 75.8

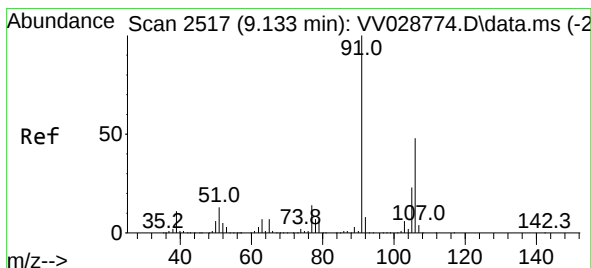
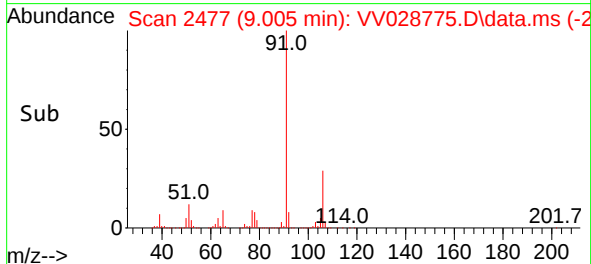
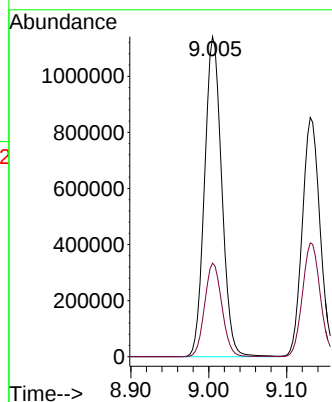
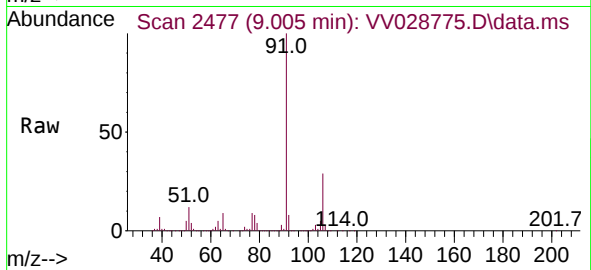




#52
Ethylbenzene
Concen: 109.337 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

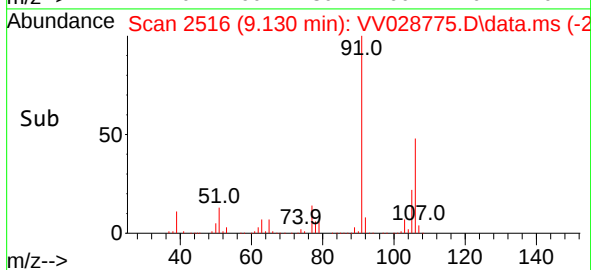
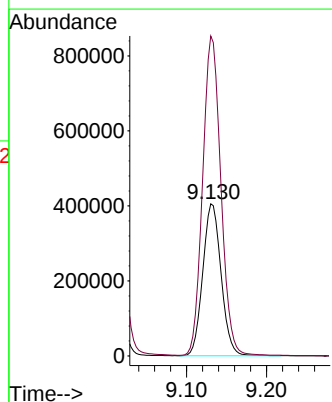
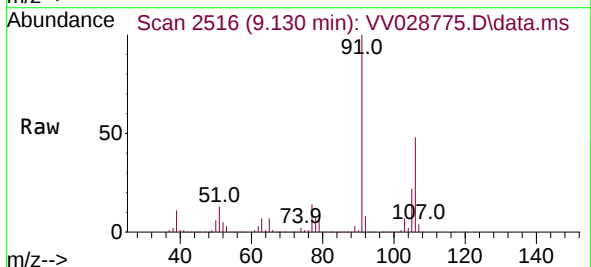
Instrument :
MSVOA_V
ClientSampleId :

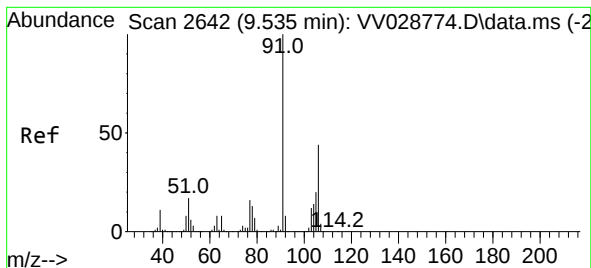
Tgt Ion: 91 Resp: 1749878
Ion Ratio Lower Upper
91 100
106 29.3 20.4 38.0



#53
m,p-Xylene
Concen: 106.942 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 106 Resp: 644635
Ion Ratio Lower Upper
106 100
91 210.2 146.2 271.6





#54

o-Xylene

Concen: 105.752 ug/L

RT: 9.535 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

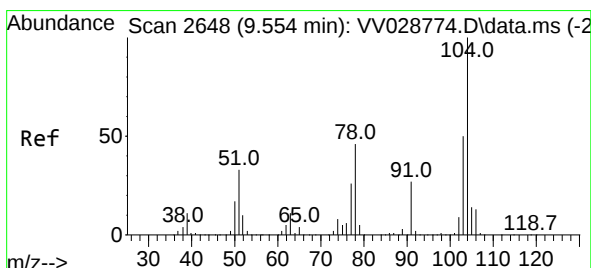
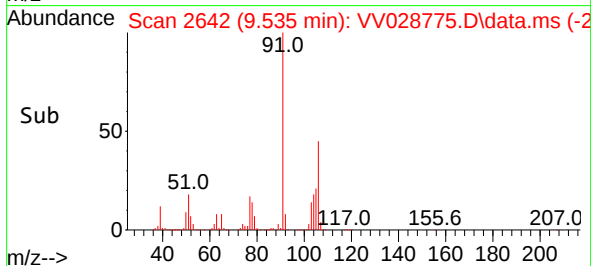
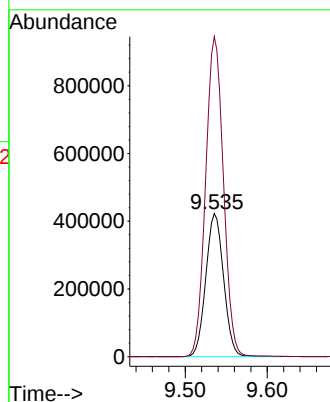
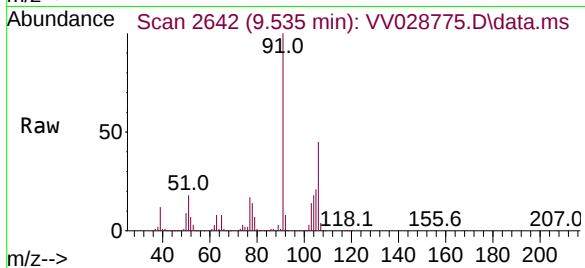
ClientSampleId :

Tgt Ion:106 Resp: 636647

Ion Ratio Lower Upper

106 100

91 223.4 158.1 293.7



#55

Styrene

Concen: 107.360 ug/L

RT: 9.551 min Scan# 2647

Delta R.T. -0.003 min

Lab File: VV028775.D

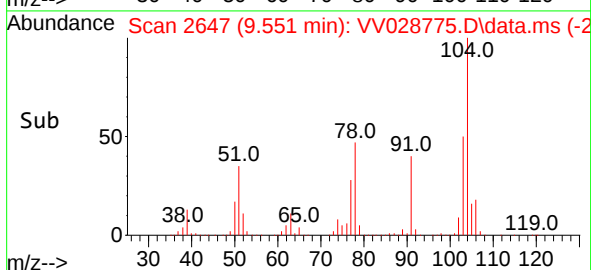
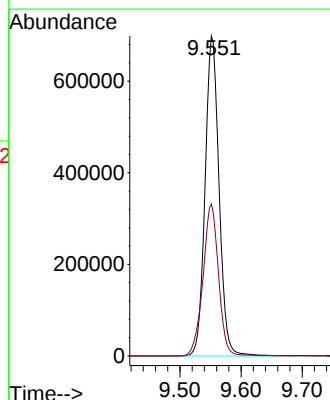
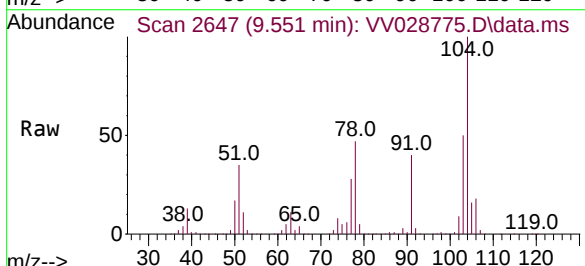
Acq: 31 Oct 2022 12:32

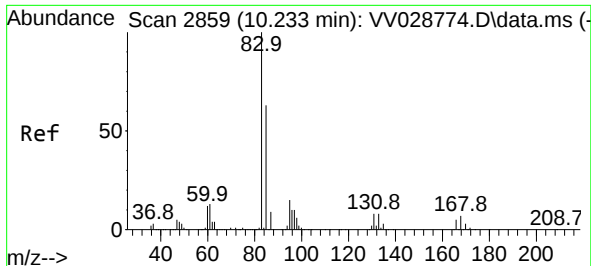
Tgt Ion:104 Resp: 1110668

Ion Ratio Lower Upper

104 100

78 47.5 31.9 59.3

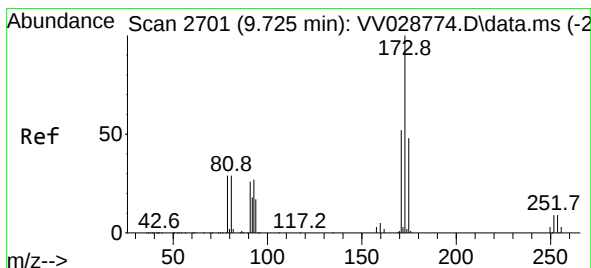
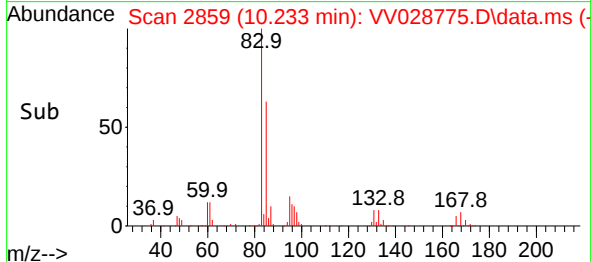
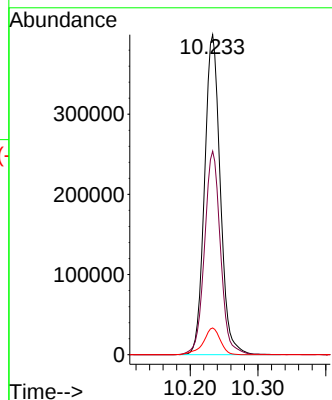
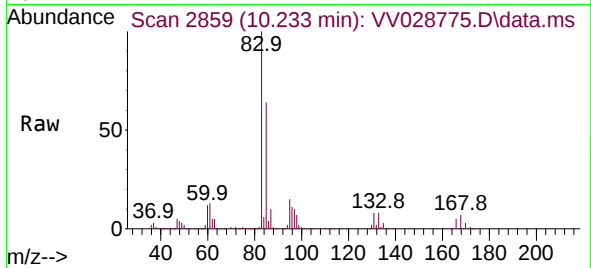




#57
1,1,2,2-Tetrachloroethane
Concen: 105.383 ug/L
RT: 10.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

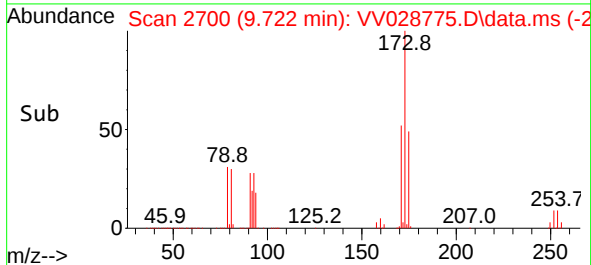
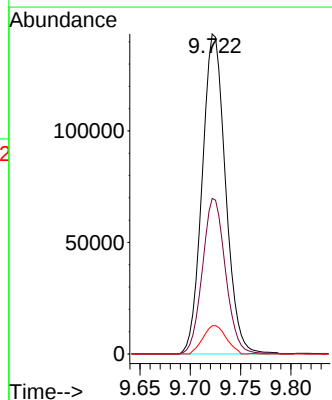
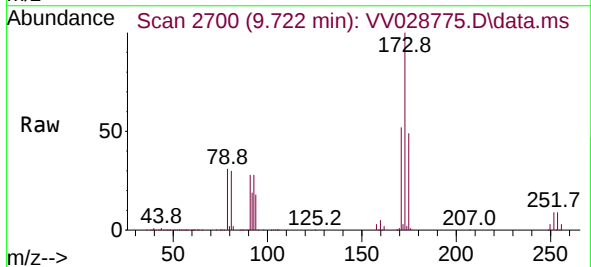
Instrument :
MSVOA_V
ClientSampleId :

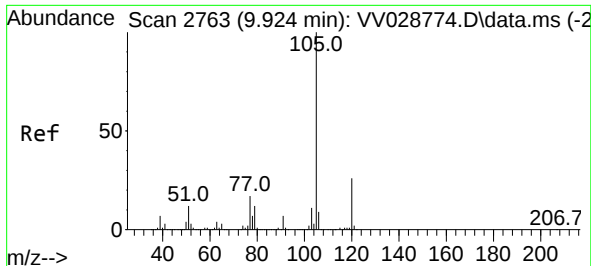
Tgt Ion: 83 Resp: 642081
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.4
131 8.3 6.5 9.7



#59
Bromoform
Concen: 89.450 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

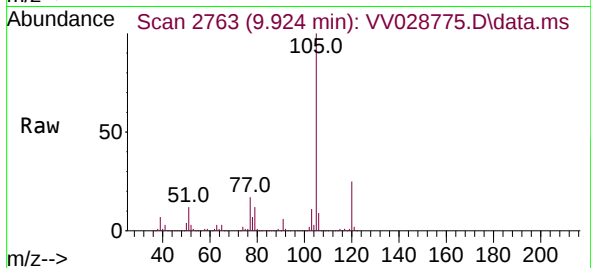
Tgt Ion: 173 Resp: 231228
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 8.8 7.2 10.8



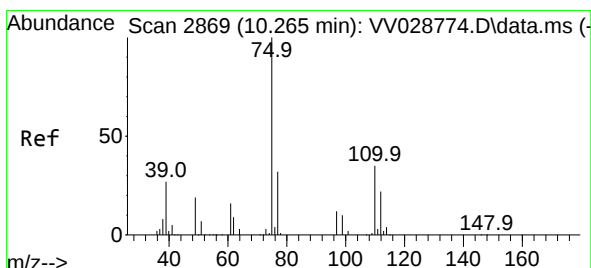
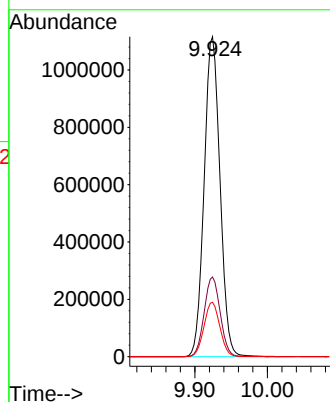
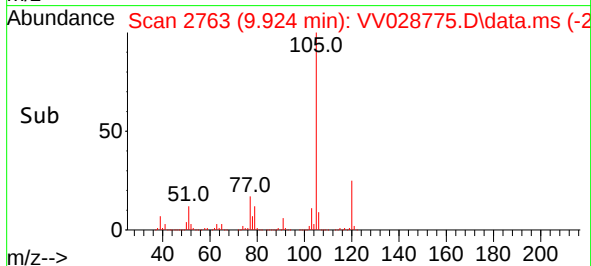


#60
Isopropylbenzene
Concen: 106.887 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :

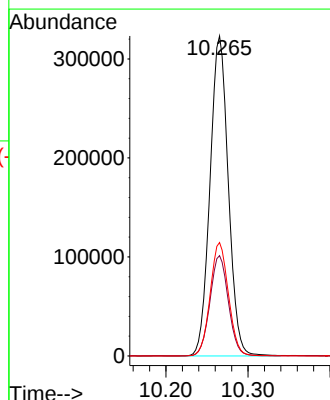
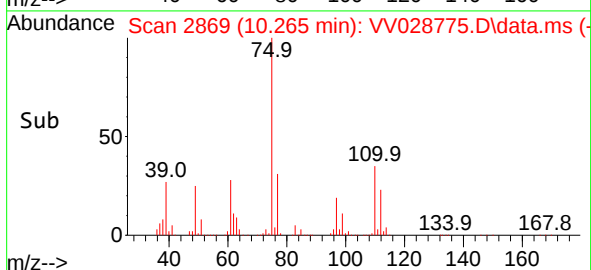
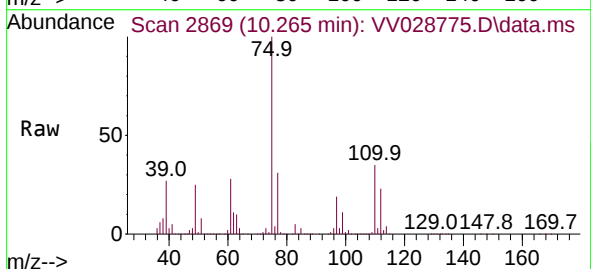


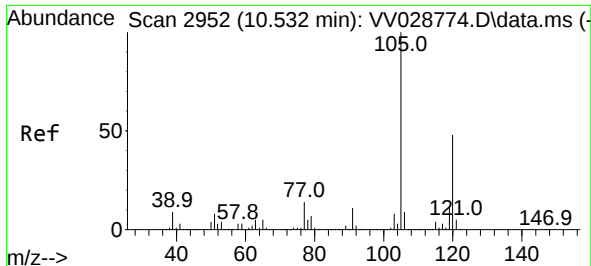
Tgt Ion:105 Resp: 1695389
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 105.657 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion: 75 Resp: 500403
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
110 35.4 28.2 42.2





#62

1,3,5-Trimethylbenzene

Concen: 106.127 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

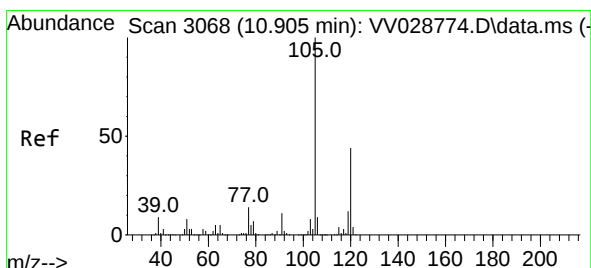
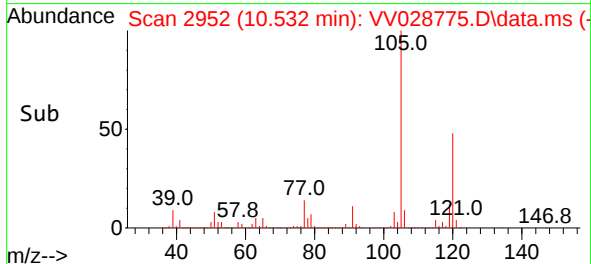
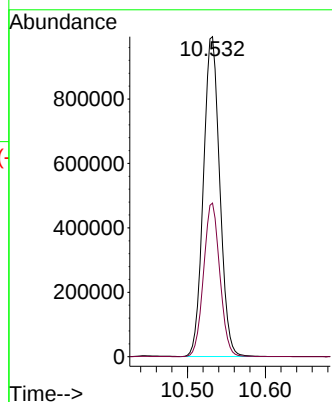
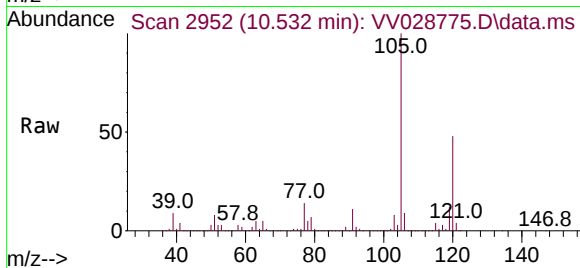
ClientSampleId :

Tgt Ion:105 Resp: 1449074

Ion Ratio Lower Upper

105 100

120 47.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 106.438 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028775.D

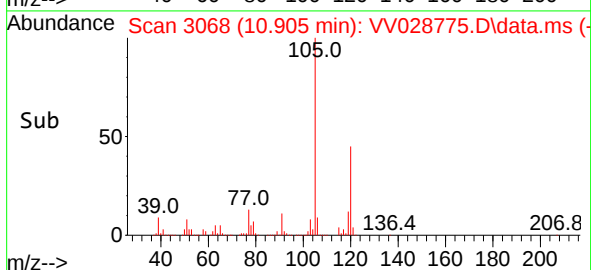
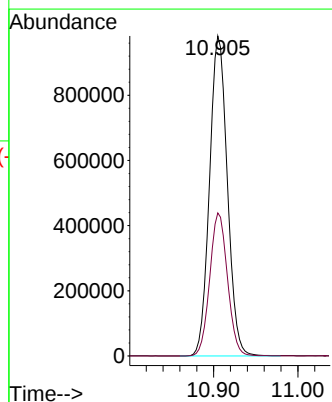
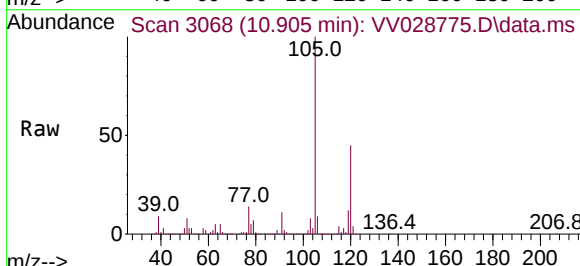
Acq: 31 Oct 2022 12:32

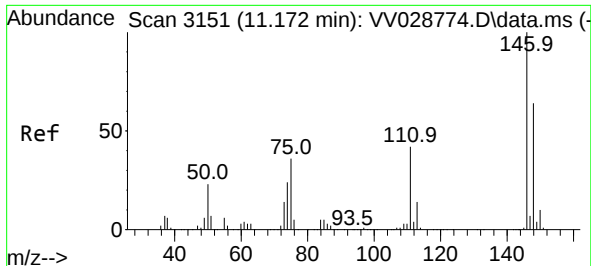
Tgt Ion:105 Resp: 1442987

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0

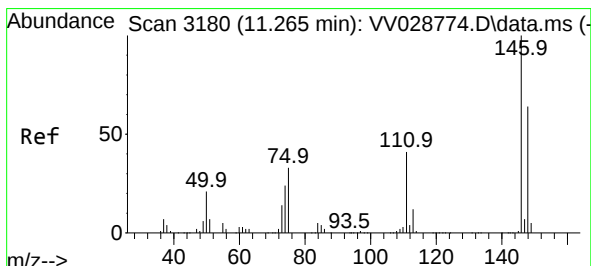
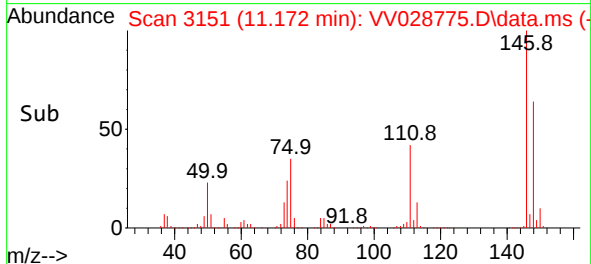
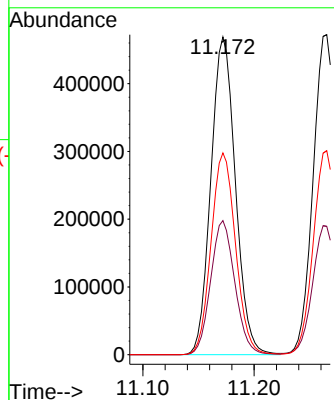
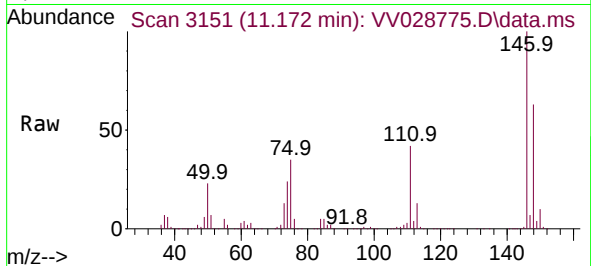




#64
1,3-Dichlorobenzene
Concen: 104.353 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

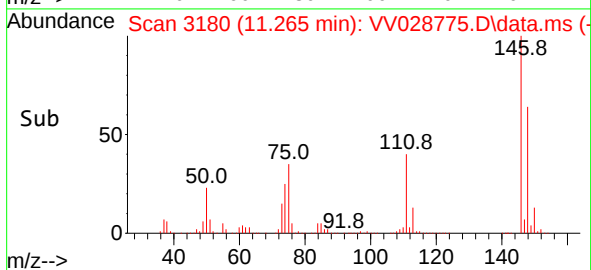
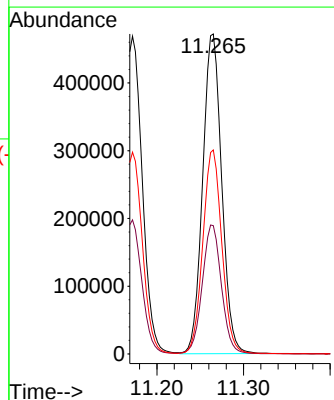
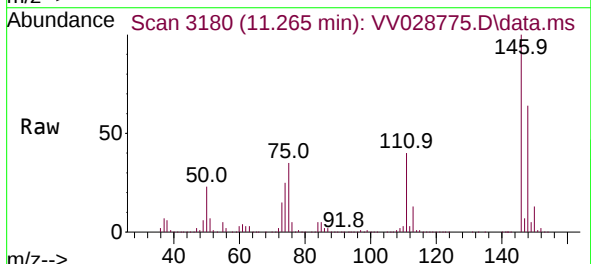
Instrument :
MSVOA_V
ClientSampleId :

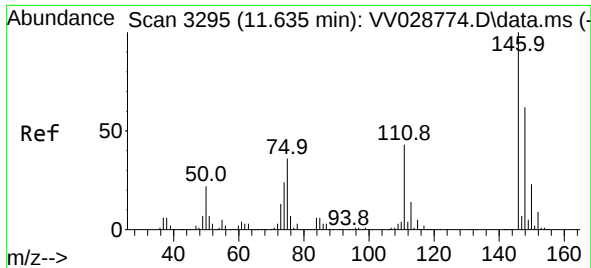
Tgt Ion:146 Resp: 717418
Ion Ratio Lower Upper
146 100
111 42.2 29.6 55.0
148 63.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 104.761 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

Tgt Ion:146 Resp: 719511
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 63.8 45.1 83.7

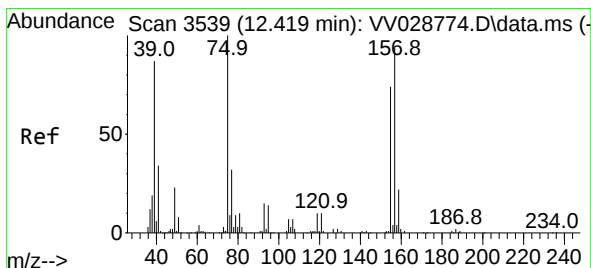
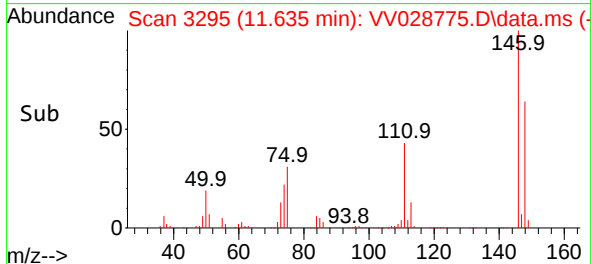
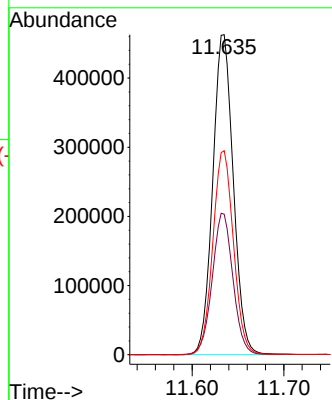
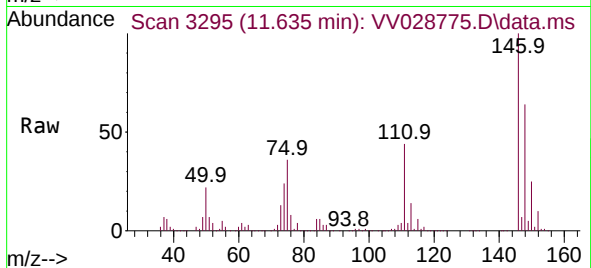




#67
 1,2-Dichlorobenzene
 Concen: 104.076 ug/L
 RT: 11.635 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

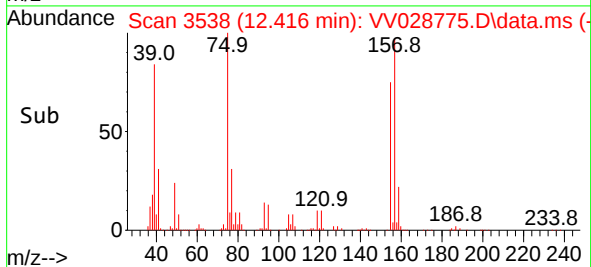
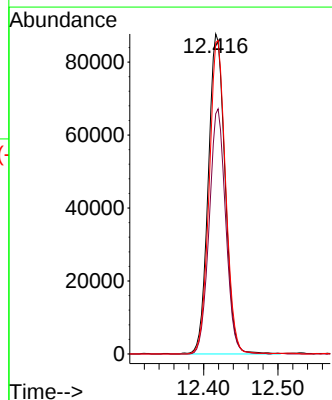
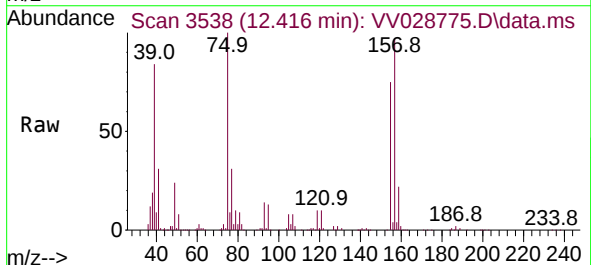
Instrument :
 MSVOA_V
 ClientSampleId :

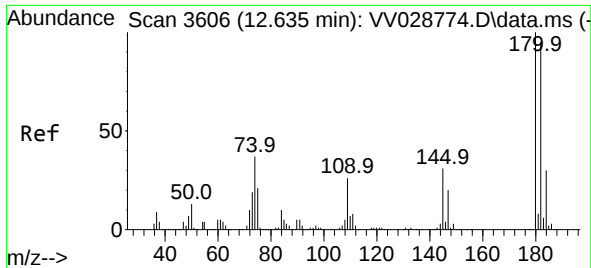
Tgt Ion:146 Resp: 721851
 Ion Ratio Lower Upper
 146 100
 111 43.9 34.2 51.2
 148 63.8 49.5 74.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 98.781 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. -0.003 min
 Lab File: VV028775.D
 Acq: 31 Oct 2022 12:32

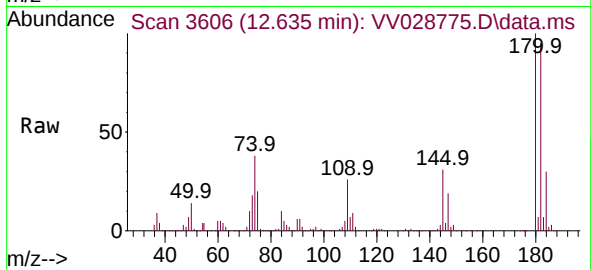
Tgt Ion: 75 Resp: 137794
 Ion Ratio Lower Upper
 75 100
 155 75.1 59.4 89.0
 157 97.3 74.9 112.3



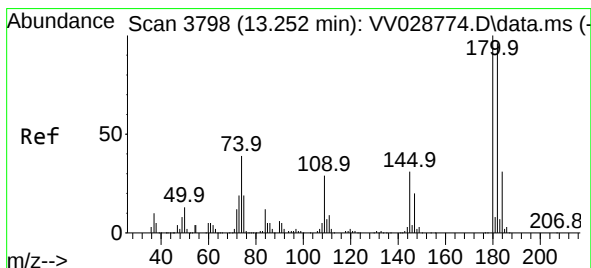
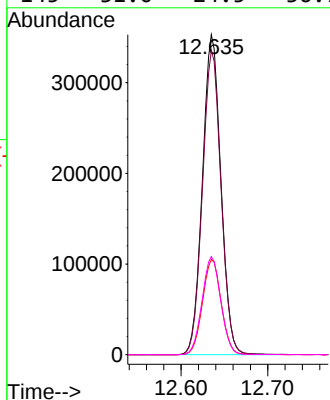
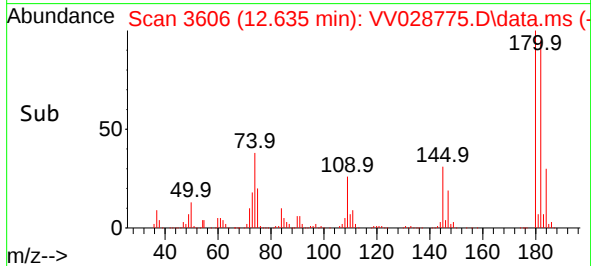


#69
1,3,5-Trichlorobenzene
Concen: 101.348 ug/L
RT: 12.635 min Scan# 30
Delta R.T. 0.000 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32

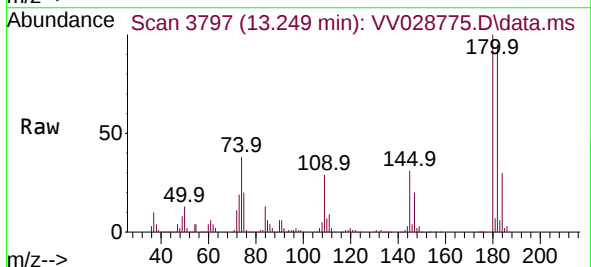
Instrument :
MSVOA_V
ClientSampleId :



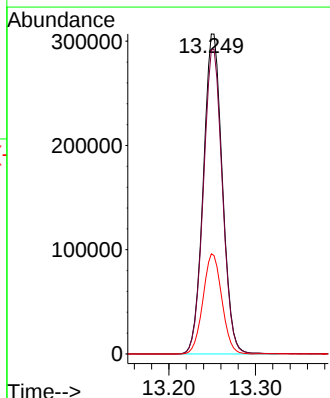
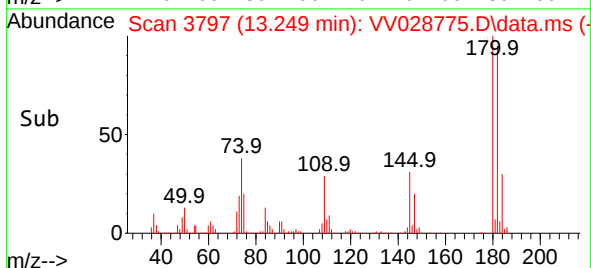
Tgt Ion:180 Resp: 522211
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
184 30.1 23.9 35.9
145 31.0 24.5 36.7

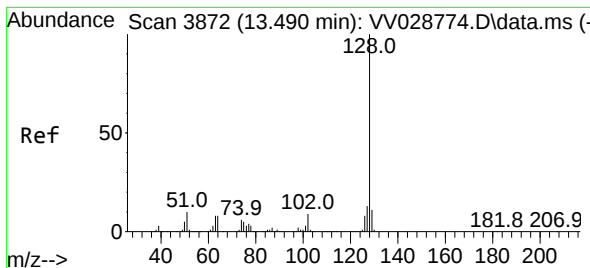


#70
1,2,4-trichlorobenzene
Concen: 104.506 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.003 min
Lab File: VV028775.D
Acq: 31 Oct 2022 12:32



Tgt Ion:180 Resp: 468465
Ion Ratio Lower Upper
180 100
182 95.1 76.6 115.0
145 31.0 25.1 37.7





#71

Naphthalene

Concen: 110.479 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

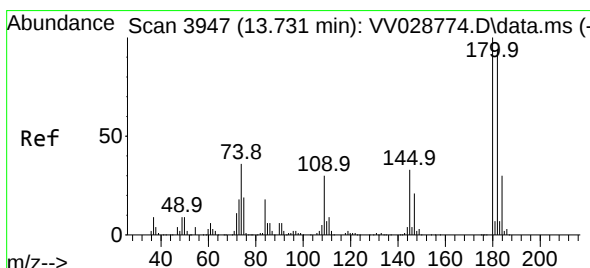
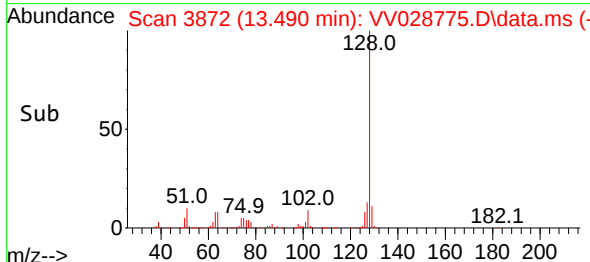
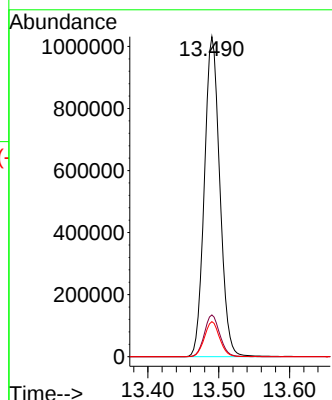
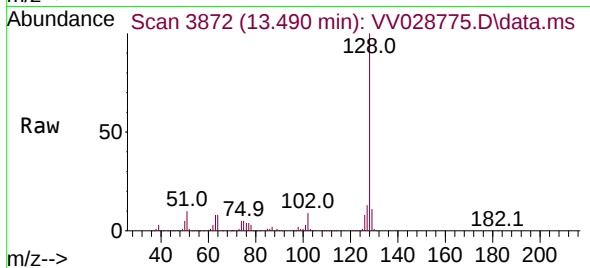
Tgt Ion:128 Resp: 1559513

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 107.314 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028775.D

Acq: 31 Oct 2022 12:32

Tgt Ion:180 Resp: 475095

Ion Ratio Lower Upper

180 100

182 93.8 75.5 113.3

145 33.3 26.2 39.4

