

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028777.D
 Acq On : 31 Oct 2022 13:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:34:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	488841	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	454067	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	224851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	218342	47.117	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.240%
7) Chloroethane-d5	1.561	69	187913	47.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	2.105	63	412265	46.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.540%
21) 2-Butanone-d5	3.873	46	344203	102.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	4.342	84	329347	47.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.024	65	217731	47.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
32) Benzene-d6	5.043	84	677222	47.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	6.063	67	228216	46.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	7.310	98	598304	48.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.020%
43) trans-1,3-Dichloroprop...	7.616	79	91828	49.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.260%
47) 2-Hexanone-d5	8.082	63	226559	103.019	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	309770	48.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.540%
66) 1,2-Dichlorobenzene-d4	11.615	152	206943	46.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	186948	52.001	ug/L	99
3) Chloromethane	1.240	50	298106	49.824	ug/L	99
5) Vinyl chloride	1.310	62	276100	50.237	ug/L	100
6) Bromomethane	1.519	94	147474	48.632	ug/L	96
8) Chloroethane	1.581	64	178195	50.492	ug/L	99
9) Trichlorofluoromethane	1.748	101	319222	48.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	181079	48.899	ug/L	99
12) 1,1-Dichloroethene	2.114	96	173905	47.697	ug/L	99
13) Acetone	2.162	43	342492	104.862	ug/L	98
14) Carbon disulfide	2.291	76	513747	50.515	ug/L	100
15) Methyl Acetate	2.426	43	281185	51.295	ug/L	99
16) Methylene chloride	2.503	84	208001	47.019	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	176851	50.146	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	605148	49.672	ug/L	100
19) 1,1-Dichloroethane	3.185	63	375467	48.862	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	194530	49.992	ug/L	# 100
22) 2-Butanone	3.953	43	418549	104.312	ug/L	99
23) Bromochloromethane	4.240	128	92238	49.802	ug/L	97
25) Chloroform	4.368	83	347720	48.713	ug/L	100

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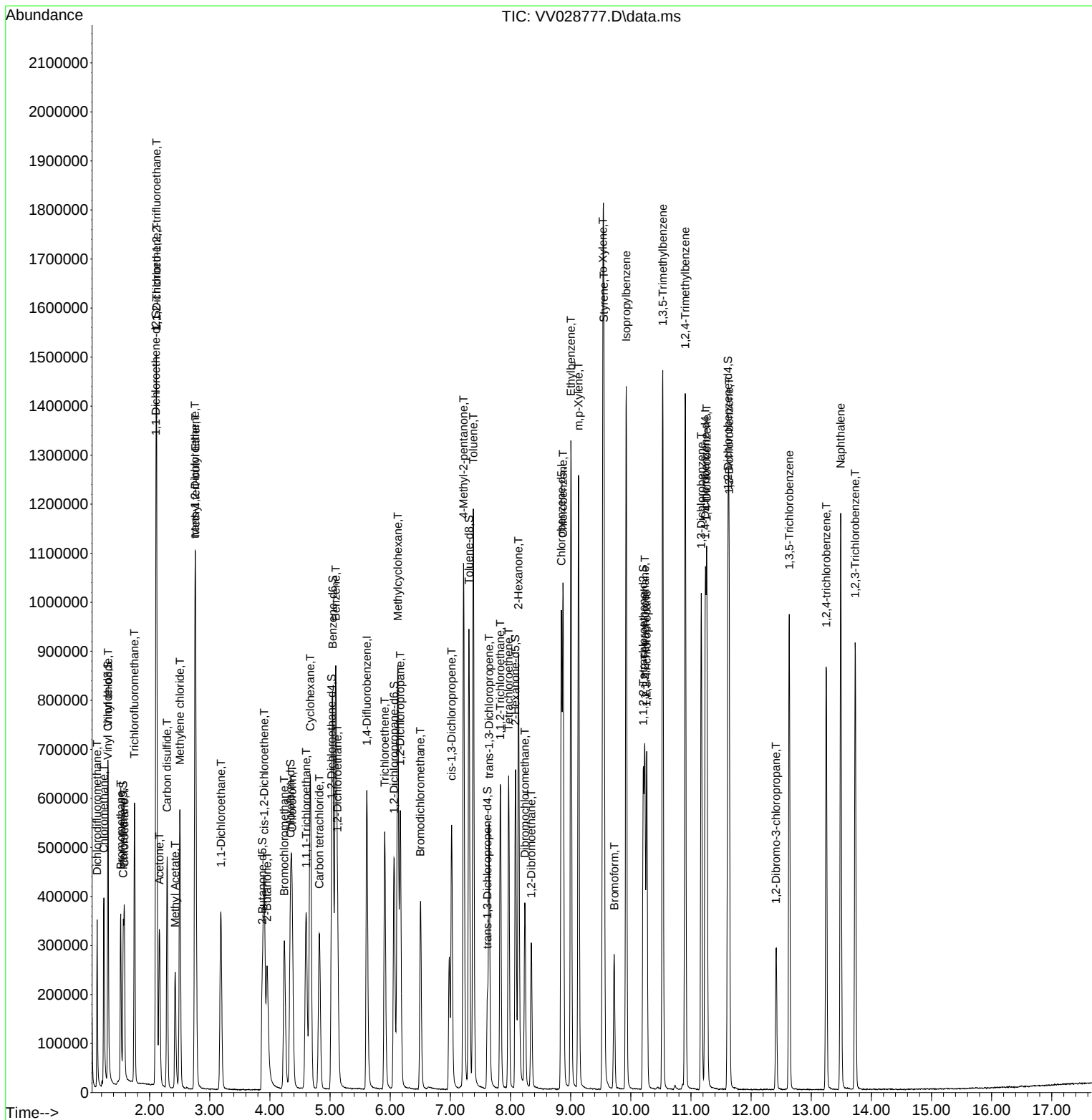
Instrument :
 MSVOA_V
 ClientSampleId :

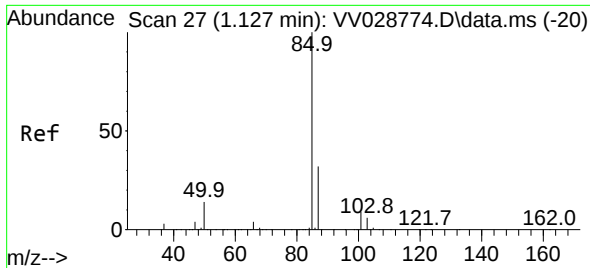
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:34:03 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	288380	49.470	ug/L	100
29) Cyclohexane	4.670	56	365245	50.412	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	282280	49.319	ug/L	98
31) Carbon tetrachloride	4.822	117	227384	49.724	ug/L	100
33) Benzene	5.095	78	798100	49.926	ug/L	100
34) Trichloroethene	5.908	95	184212	49.277	ug/L	98
35) Methylcyclohexane	6.127	83	332772	50.189	ug/L	99
37) 1,2-Dichloropropane	6.169	63	227640	51.468	ug/L	100
38) Bromodichloromethane	6.503	83	248762	49.508	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	310574	51.417	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	753957	102.499	ug/L	100
42) Toluene	7.381	91	810326	49.716	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	288039	51.568	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	184477	48.618	ug/L	98
46) Tetrachloroethene	7.969	164	129143	49.844	ug/L	99
48) 2-Hexanone	8.133	43	584993	104.423	ug/L	99
49) Dibromochloromethane	8.239	129	174204	49.596	ug/L	99
50) 1,2-Dibromoethane	8.346	107	192105	50.247	ug/L	97
51) Chlorobenzene	8.873	112	490681	49.164	ug/L	99
52) Ethylbenzene	9.005	91	879161	50.141	ug/L	100
53) m,p-Xylene	9.130	106	323925	50.652	ug/L	100
54) o-Xylene	9.535	106	321463	50.350	ug/L	98
55) Styrene	9.554	104	561238	51.260	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	335944	50.163	ug/L	100
59) Bromoform	9.725	173	112294	50.312	ug/L	99
60) Isopropylbenzene	9.924	105	860218	50.349	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	264970	49.595	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	727962	51.037	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	725247	51.111	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	362381	50.279	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	366717	49.937	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	359149	48.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	69047	50.727	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	258981	50.109	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	230426	52.098	ug/L	100
71) Naphthalene	13.490	128	831833	57.764	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	240162	53.646	ug/L	99

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

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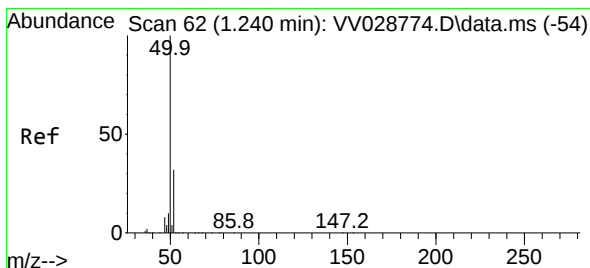
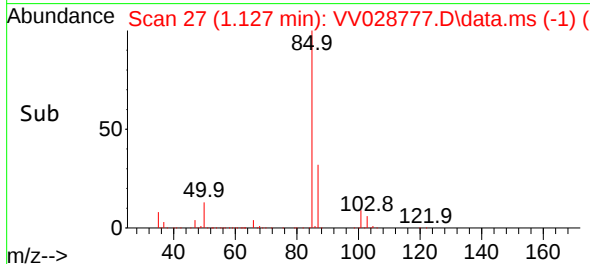
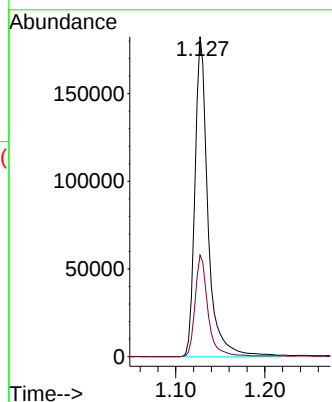
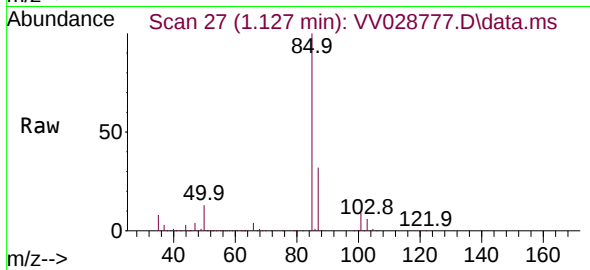




#2
 Dichlorodifluoromethane
 Concen: 52.001 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

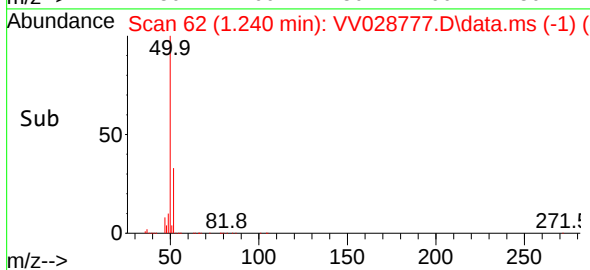
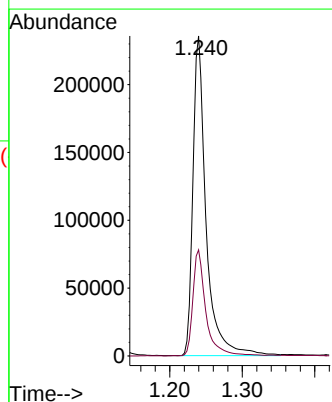
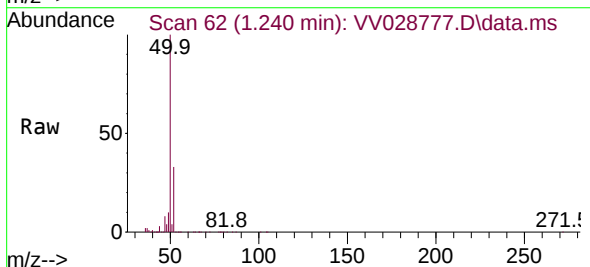
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 MSVOA_V
 ClientSampleId :

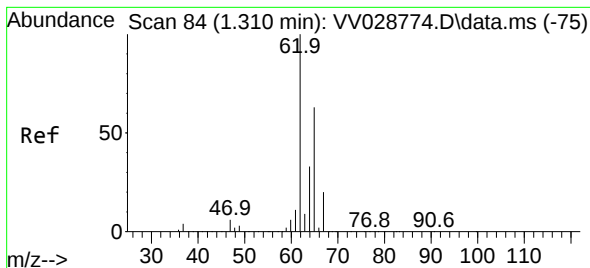
Tgt Ion: 85 Resp: 186948
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.4 38.0



#3
 Chloromethane
 Concen: 49.824 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

Tgt Ion: 50 Resp: 298106
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1





#5

Vinyl chloride

Concen: 50.237 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

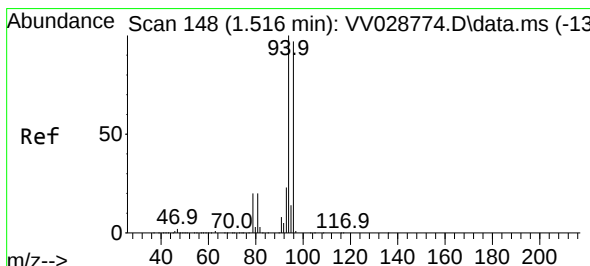
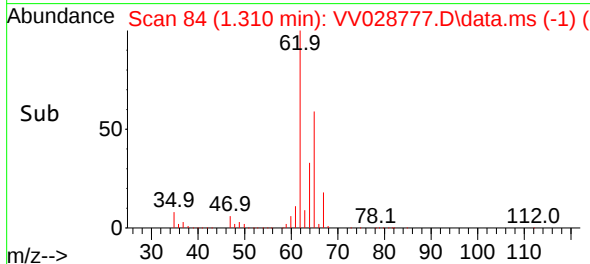
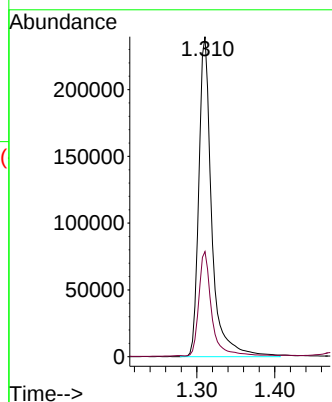
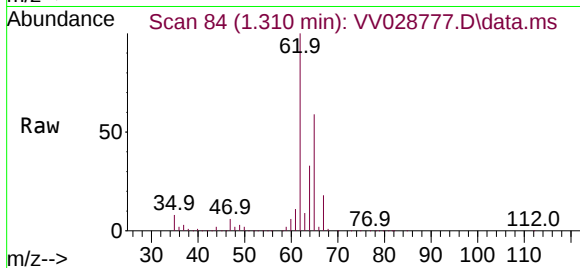
ClientSampleId :

Tgt Ion: 62 Resp: 276100

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 48.632 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV028777.D

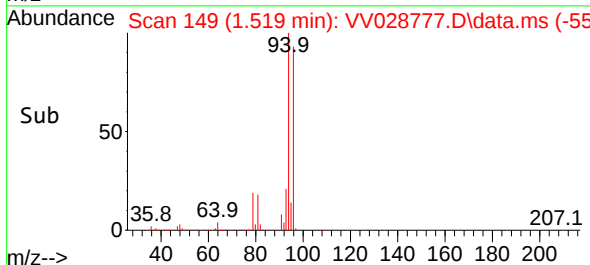
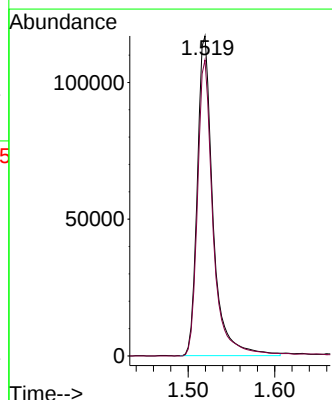
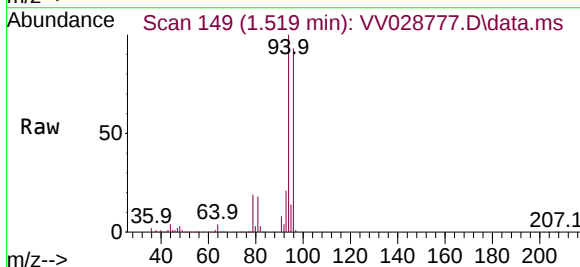
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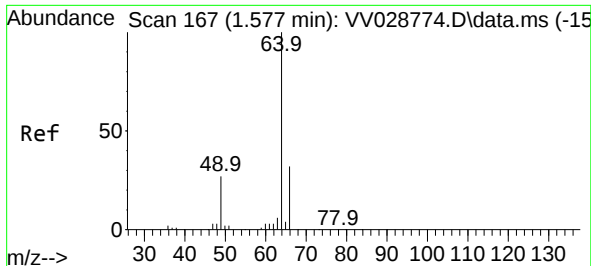
Tgt Ion: 94 Resp: 147474

Ion Ratio Lower Upper

94 100

96 92.5 67.6 125.6

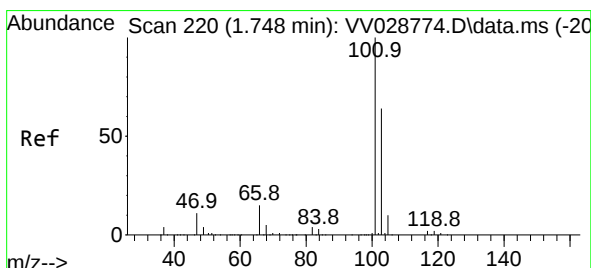
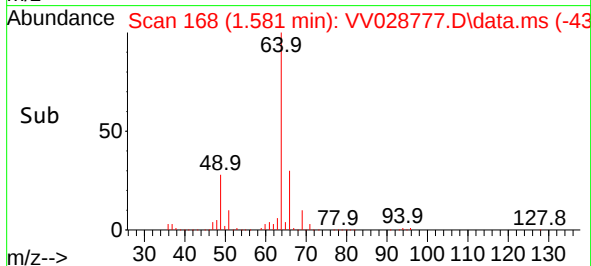
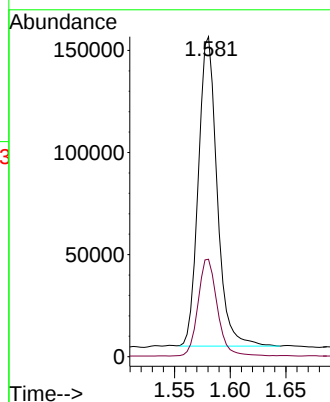
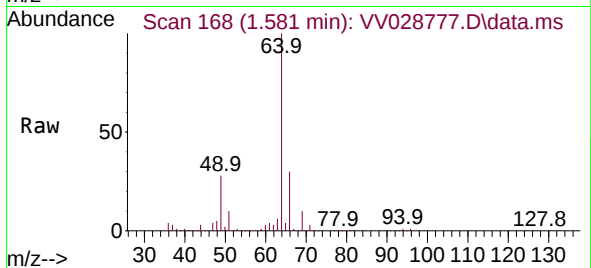




#8
Chloroethane
Concen: 50.492 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

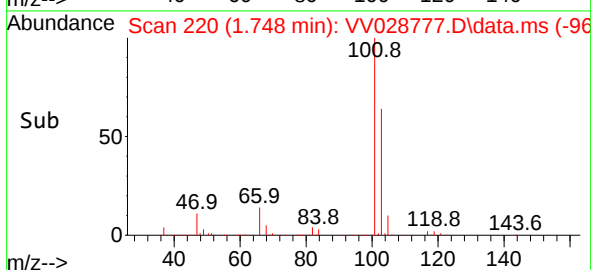
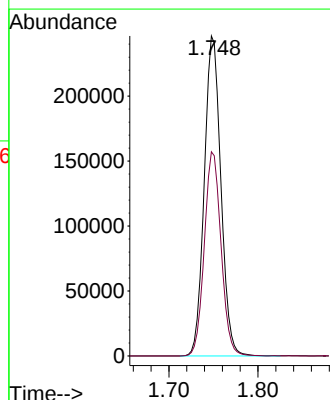
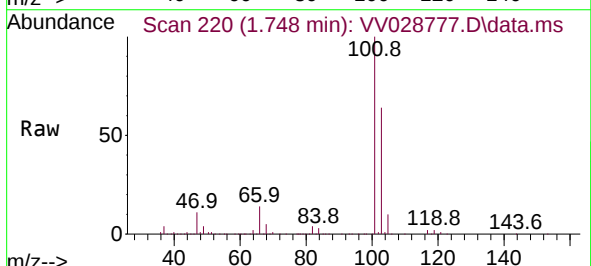
Instrument :
MSVOA_V
ClientSampleId :

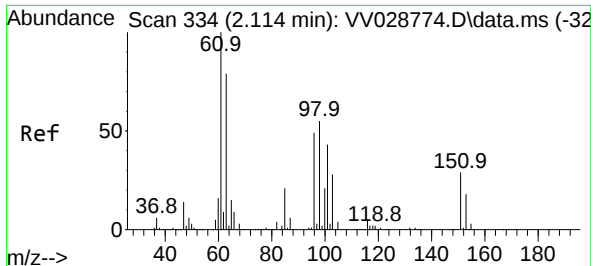
Tgt Ion: 64 Resp: 178195
Ion Ratio Lower Upper
64 100
66 30.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 48.842 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion:101 Resp: 319222
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

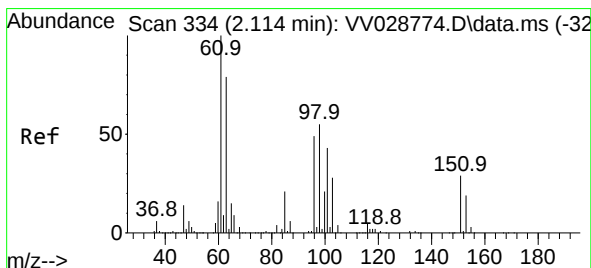
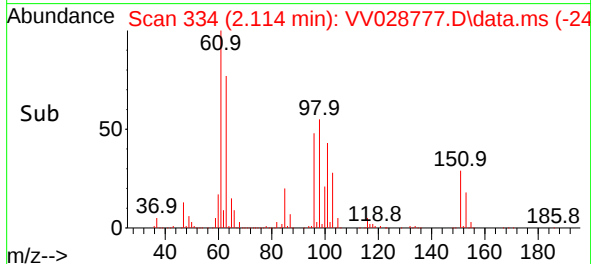
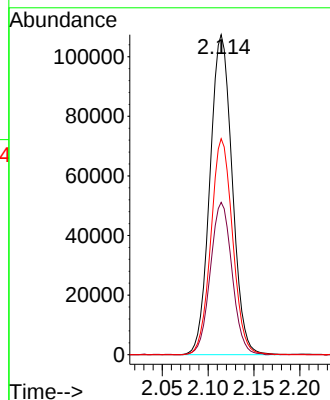
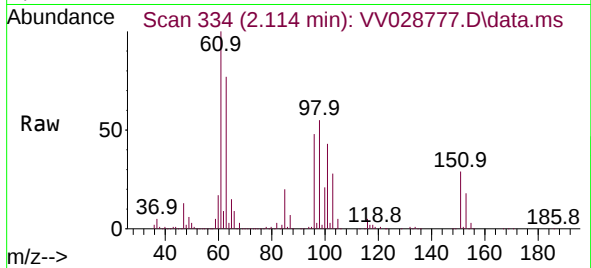




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.899 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

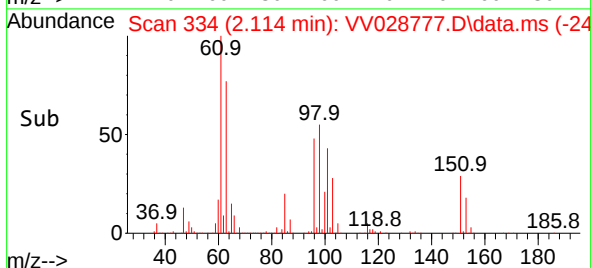
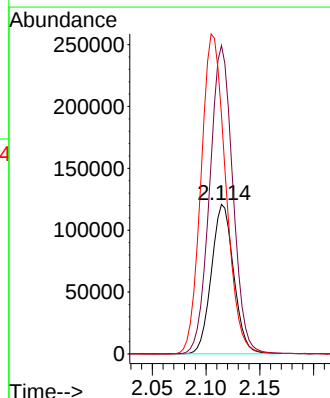
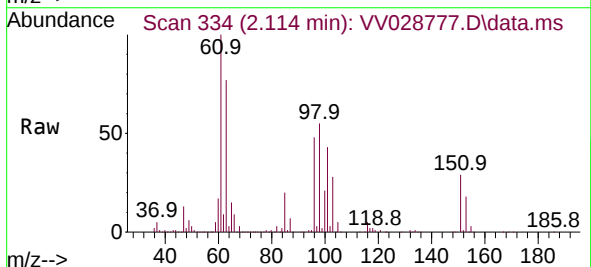
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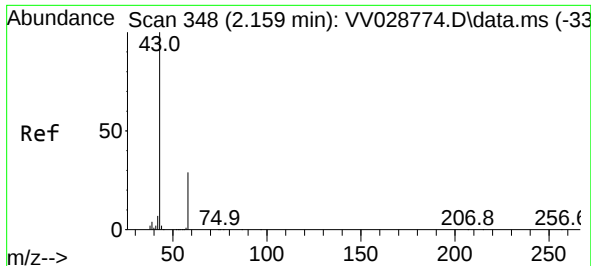
Tgt Ion:101 Resp: 181079
 Ion Ratio Lower Upper
 101 100
 85 46.4 38.0 57.0
 151 66.0 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 47.697 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

Tgt Ion: 96 Resp: 173905
 Ion Ratio Lower Upper
 96 100
 61 206.2 142.7 265.1
 63 159.6 112.5 208.9

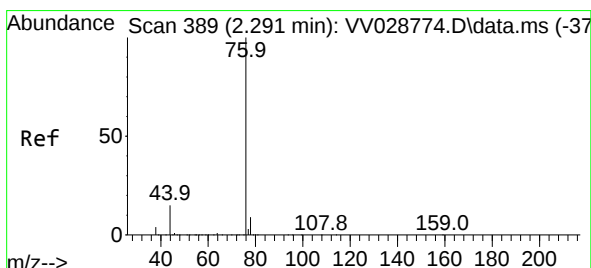
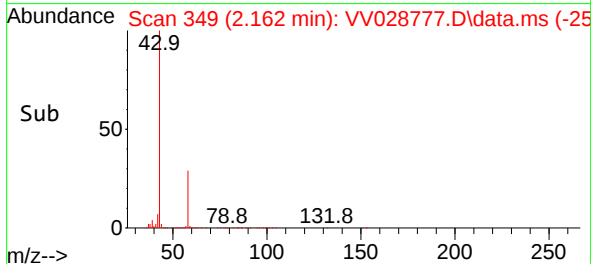
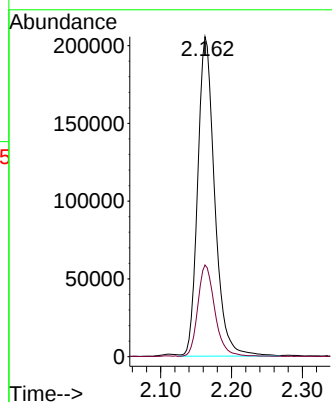
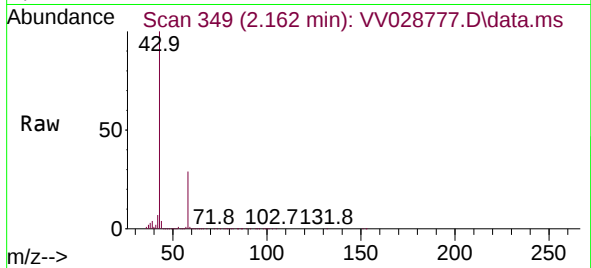




#13
Acetone
Concen: 104.862 ug/L
RT: 2.162 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

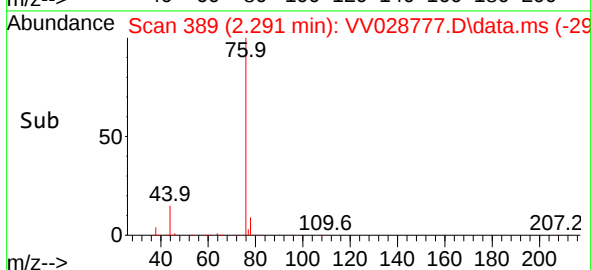
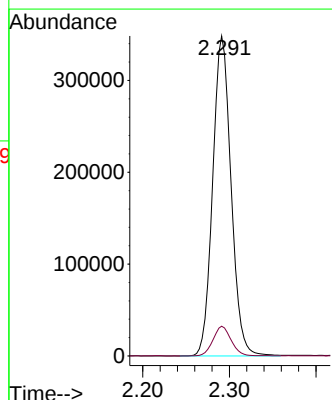
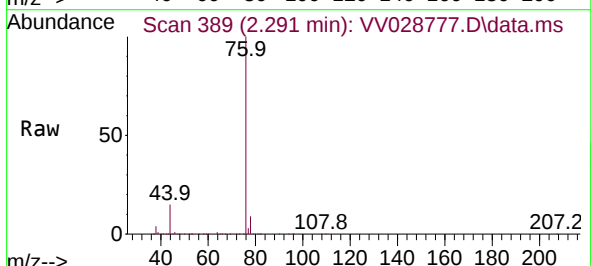
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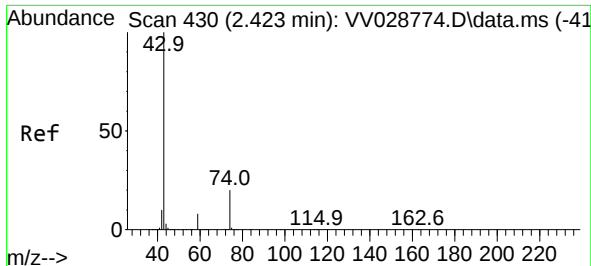
Tgt Ion: 43 Resp: 342492
Ion Ratio Lower Upper
43 100
58 28.4 0.0 59.0



#14
Carbon disulfide
Concen: 50.515 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028777.D
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Tgt Ion: 76 Resp: 513747
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

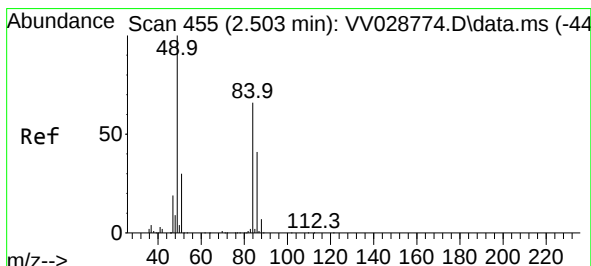
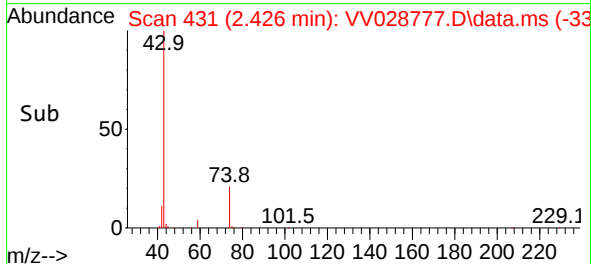
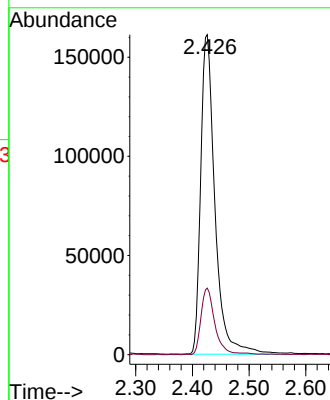
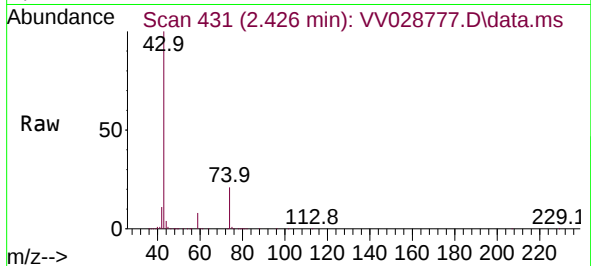




#15
Methyl Acetate
Concen: 51.295 ug/L
RT: 2.426 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

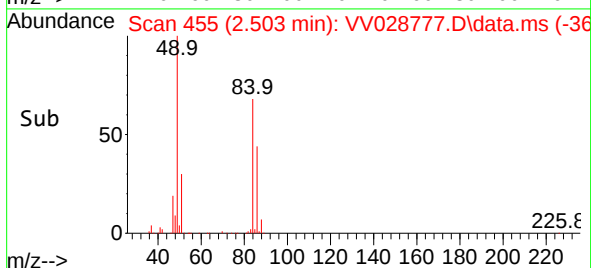
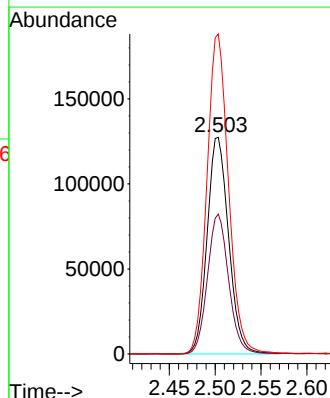
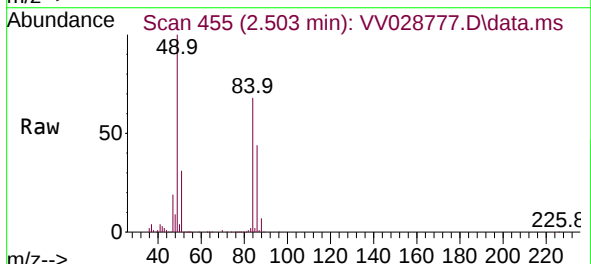
Instrument :
MSVOA_V
ClientSampleId :

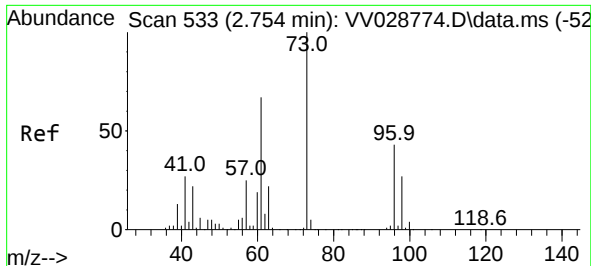
Tgt Ion: 43 Resp: 281185
Ion Ratio Lower Upper
43 100
74 20.1 15.6 23.4



#16
Methylene chloride
Concen: 47.019 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion: 84 Resp: 208001
Ion Ratio Lower Upper
84 100
86 64.5 43.7 81.1
49 147.7 105.3 195.5

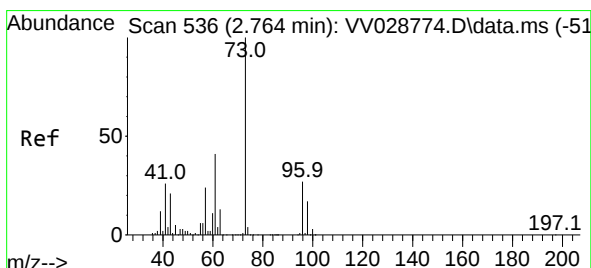
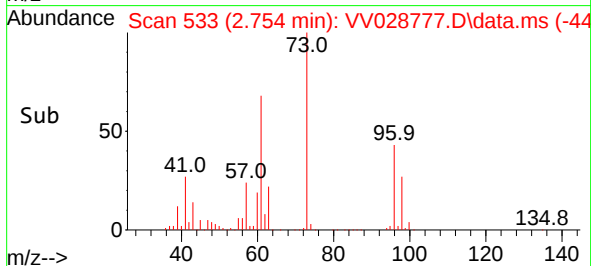
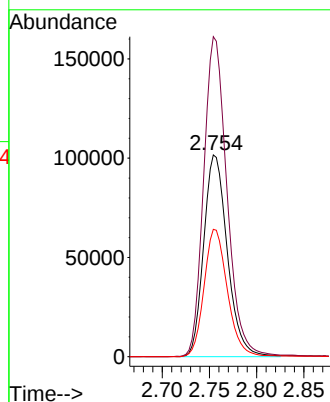
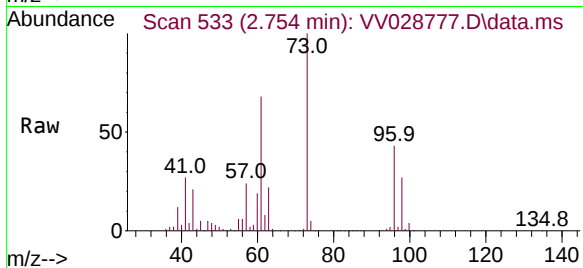




#17
trans-1,2-Dichloroethene
Concen: 50.146 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

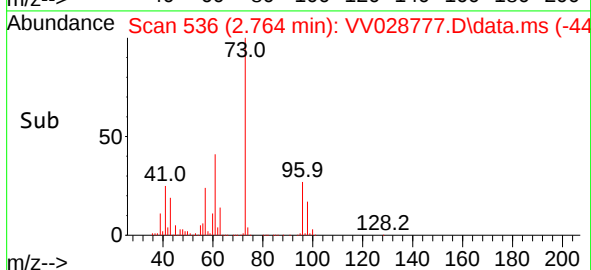
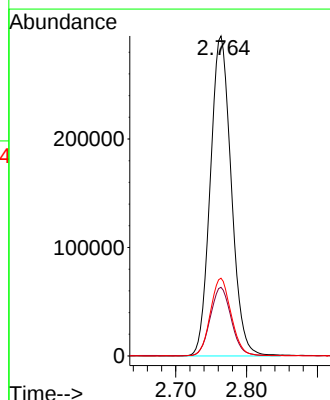
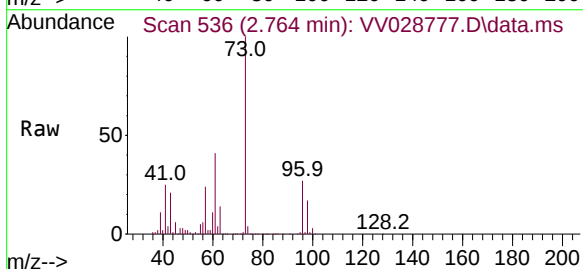
Instrument :
MSVOA_V
ClientSampleId :

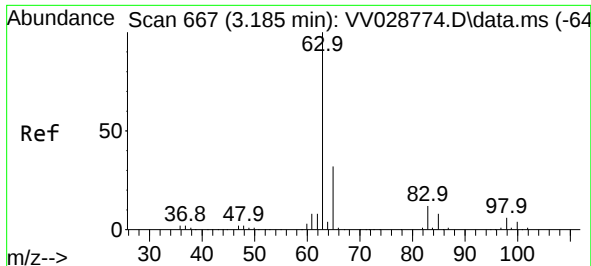
Tgt Ion: 96 Resp: 176851
Ion Ratio Lower Upper
96 100
61 158.7 109.4 203.2
98 63.2 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 49.672 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion: 73 Resp: 605148
Ion Ratio Lower Upper
73 100
43 21.3 17.1 25.7
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 48.862 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

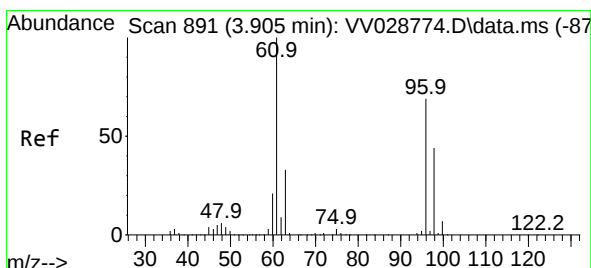
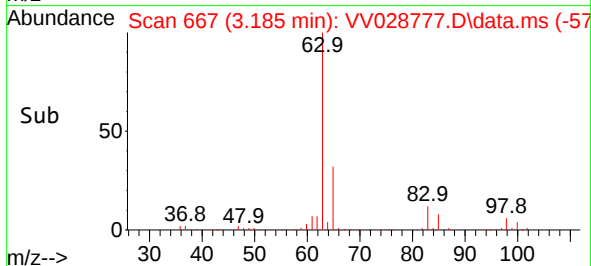
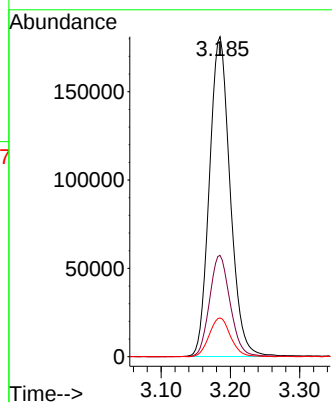
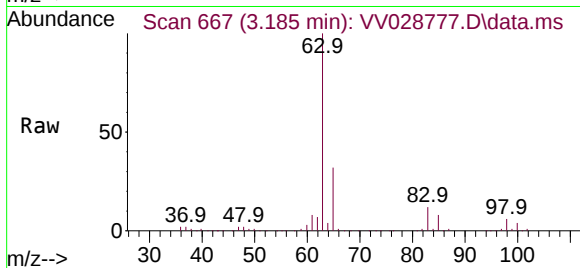
Tgt Ion: 63 Resp: 375467

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 12.1 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 49.992 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

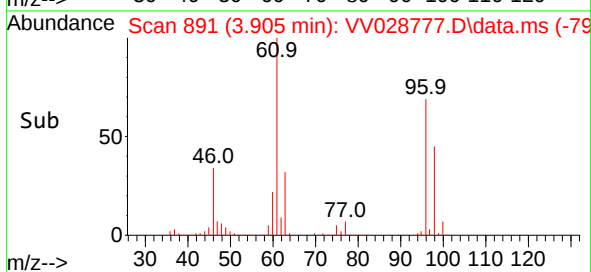
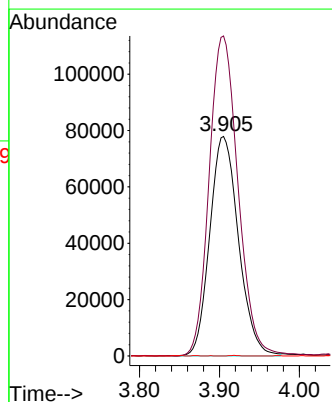
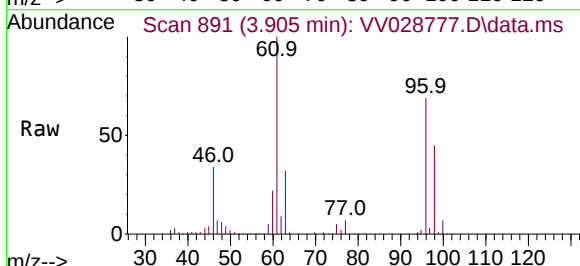
Tgt Ion: 96 Resp: 194530

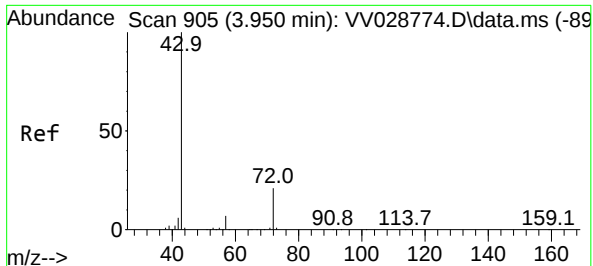
Ion Ratio Lower Upper

96 100

61 145.7 102.3 190.1

68 0.0 0.1 0.3#

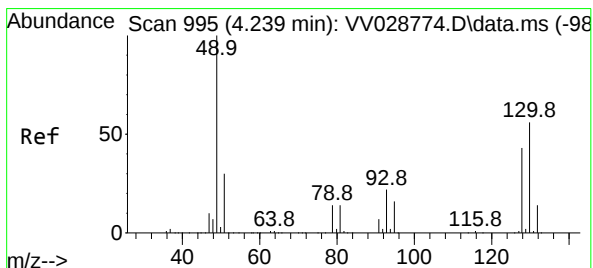
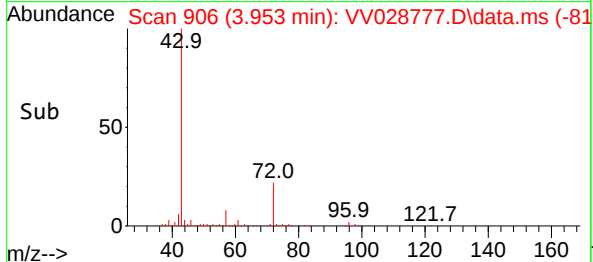
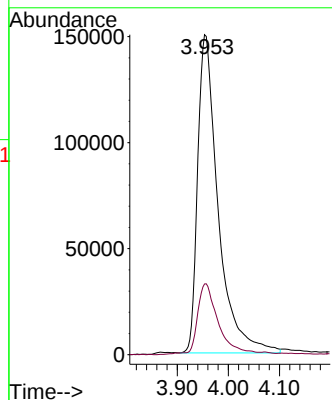
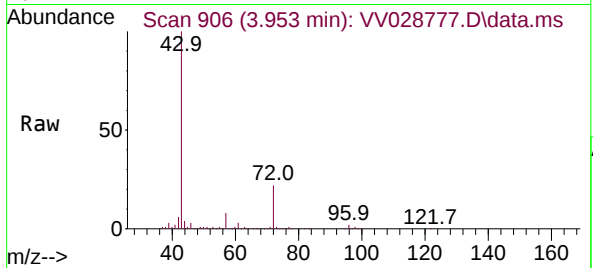




#22
2-Butanone
Concen: 104.312 ug/L
RT: 3.953 min Scan# 905
Delta R.T. 0.003 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

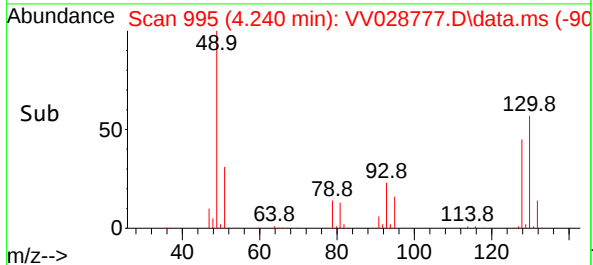
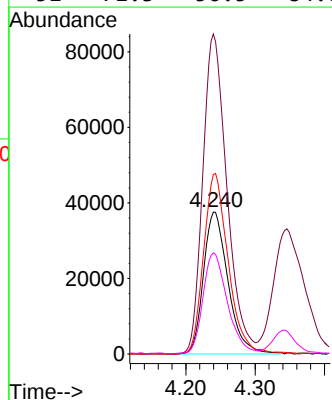
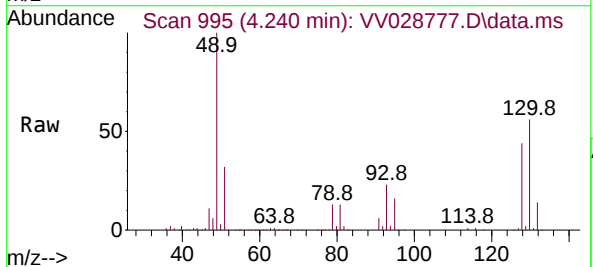
Instrument :
MSVOA_V
ClientSampleId :

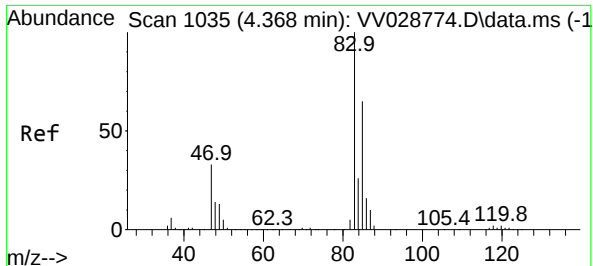
Tgt Ion: 43 Resp: 418549
Ion Ratio Lower Upper
43 100
72 20.4 10.0 30.0



#23
Bromochloromethane
Concen: 49.802 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion:128 Resp: 92238
Ion Ratio Lower Upper
128 100
49 225.4 161.8 300.6
130 126.4 89.9 166.9
51 71.3 56.5 84.7





#25

Chloroform

Concen: 48.713 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

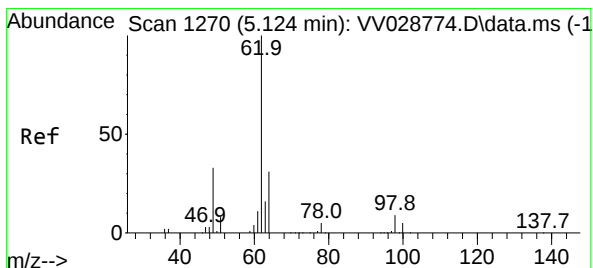
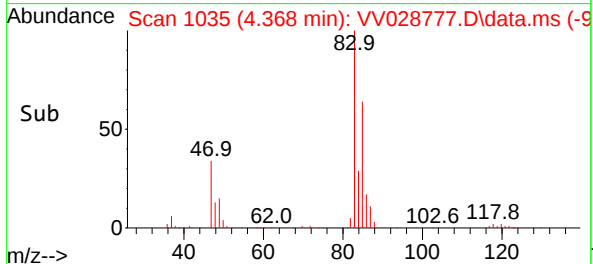
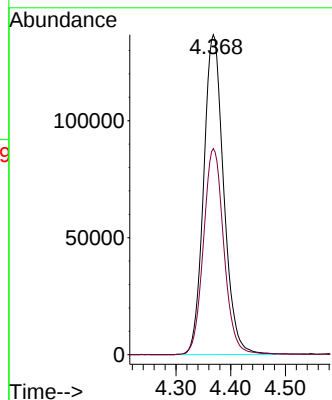
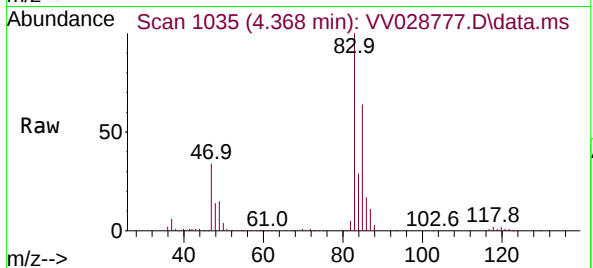
ClientSampleId :

Tgt Ion: 83 Resp: 347720

Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1



#27

1,2-Dichloroethane

Concen: 49.470 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028777.D

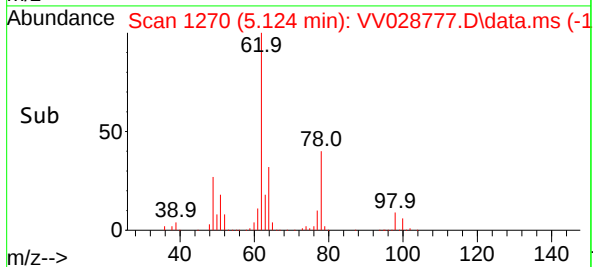
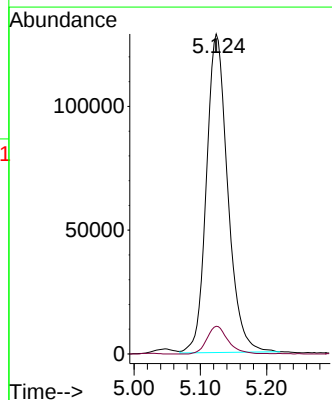
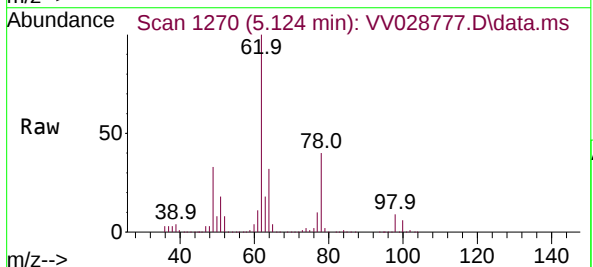
Acq: 31 Oct 2022 13:21

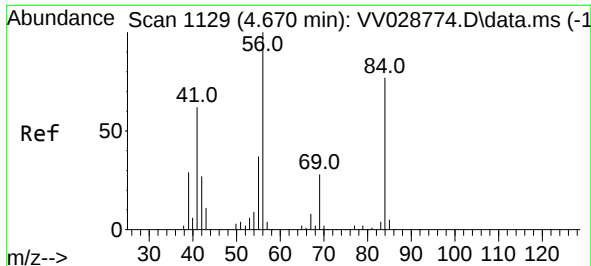
Tgt Ion: 62 Resp: 288380

Ion Ratio Lower Upper

62 100

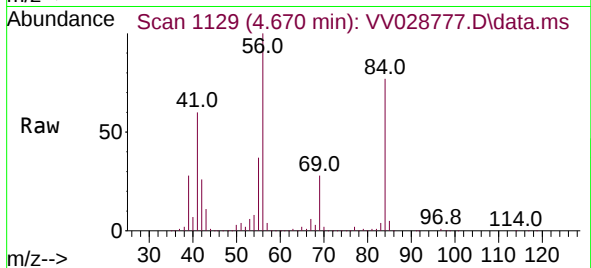
98 8.6 6.9 10.3



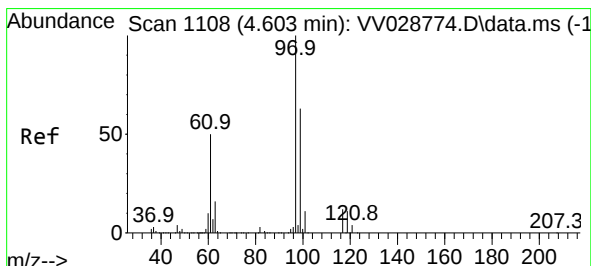
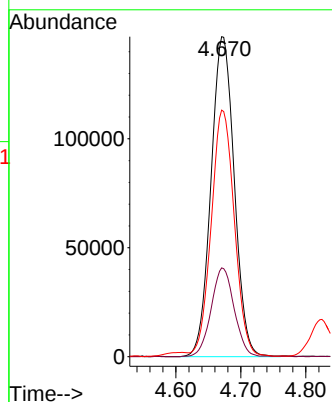
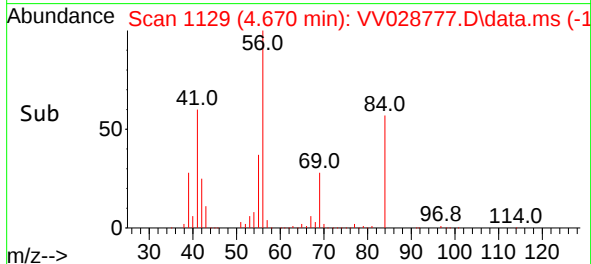


#29
Cyclohexane
Concen: 50.412 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

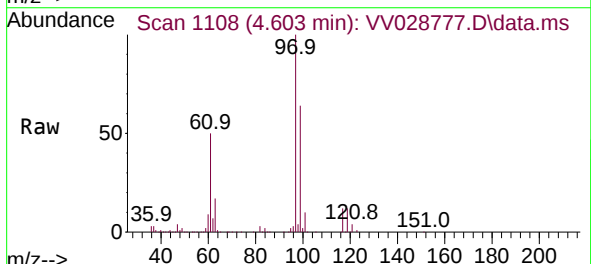
Instrument :
MSVOA_V
ClientSampleId :



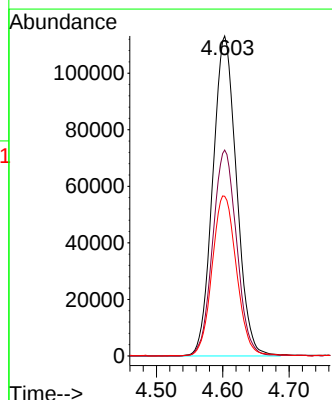
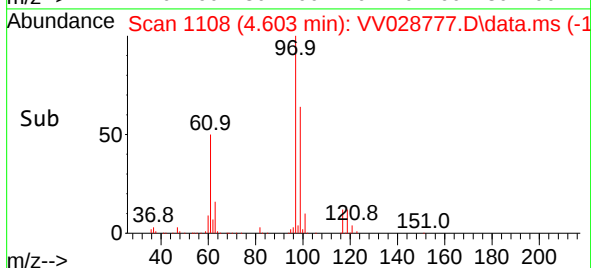
Tgt Ion: 56 Resp: 365245
Ion Ratio Lower Upper
56 100
69 27.4 22.2 33.2
84 76.5 62.3 93.5

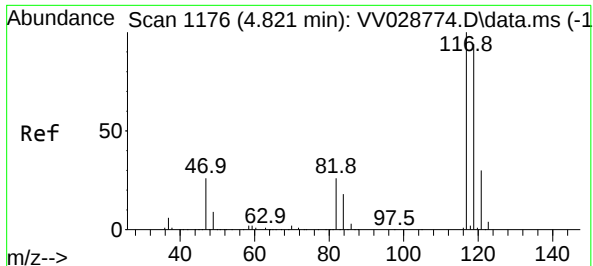


#30
1,1,1-Trichloroethane
Concen: 49.319 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21



Tgt Ion: 97 Resp: 282280
Ion Ratio Lower Upper
97 100
99 64.6 50.2 75.4
61 51.0 40.2 60.4

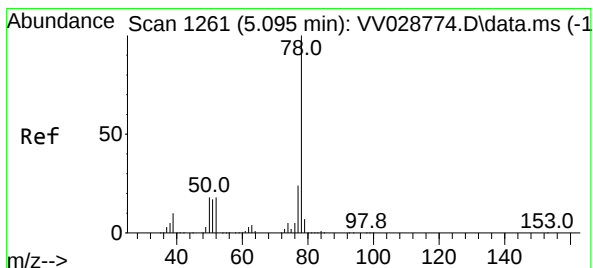
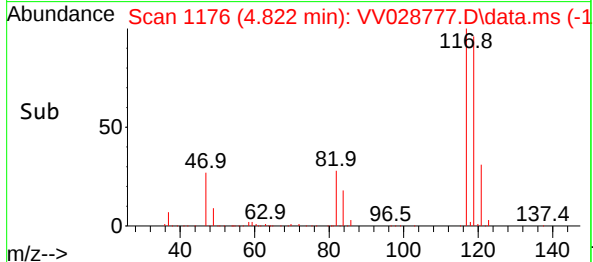
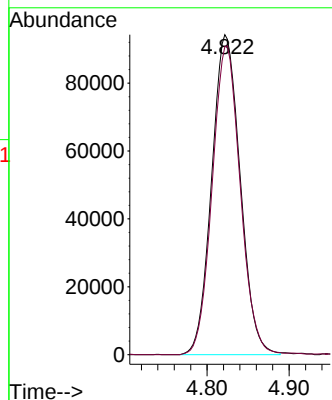
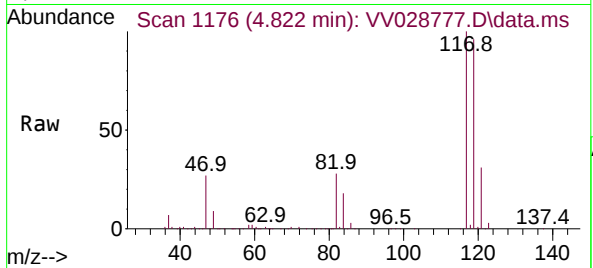




#31
Carbon tetrachloride
Concen: 49.724 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

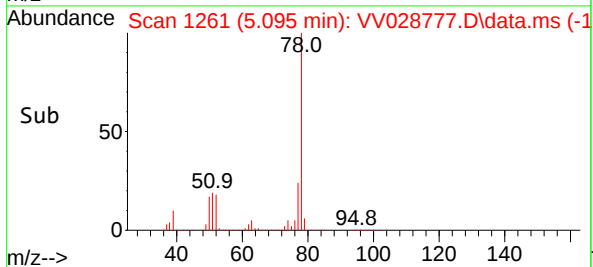
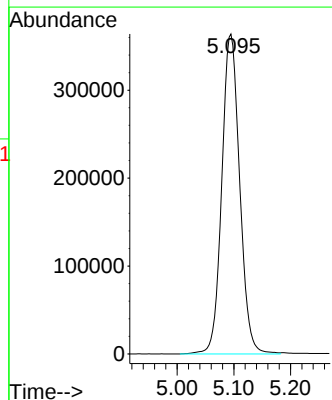
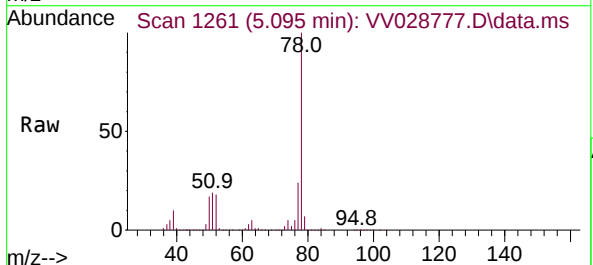
Instrument :
MSVOA_V
ClientSampleId :

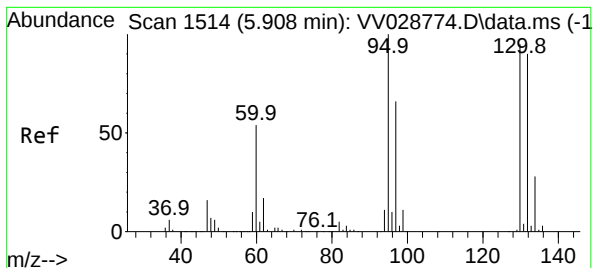
Tgt Ion:117 Resp: 227384
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#33
Benzene
Concen: 49.926 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion: 78 Resp: 798100





#34

Trichloroethene

Concen: 49.277 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 184212

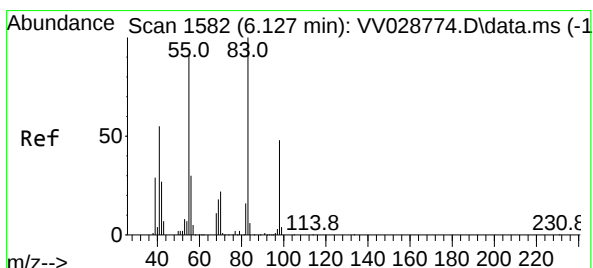
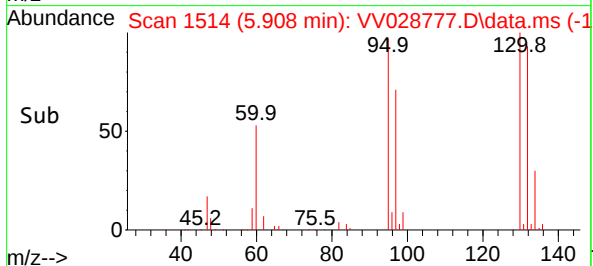
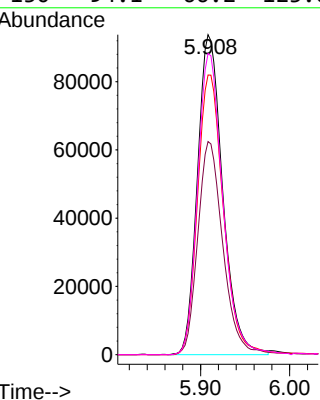
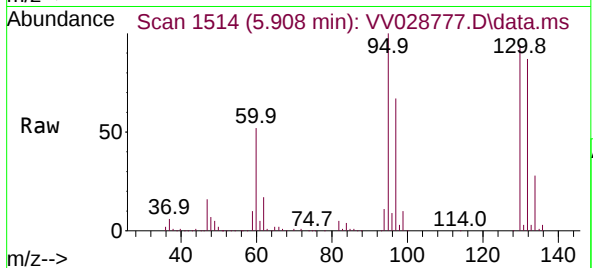
Ion Ratio Lower Upper

95 100

97 66.6 46.2 85.8

132 87.4 63.2 117.4

130 94.1 66.2 123.0



#35

Methylcyclohexane

Concen: 50.189 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

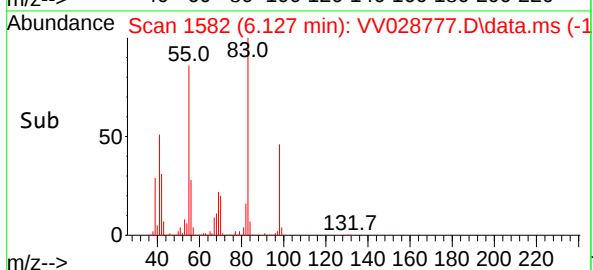
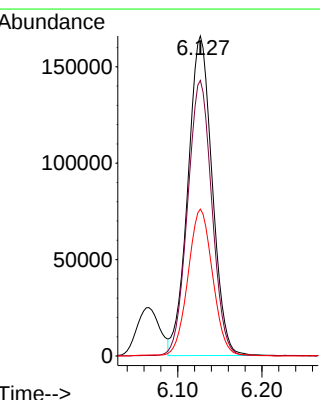
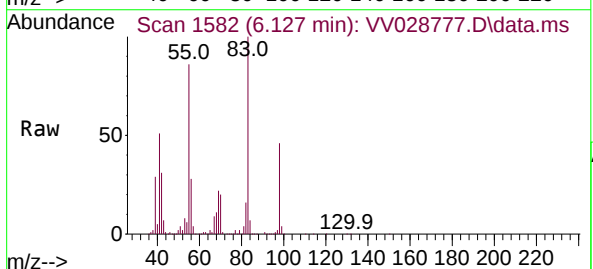
Tgt Ion: 83 Resp: 332772

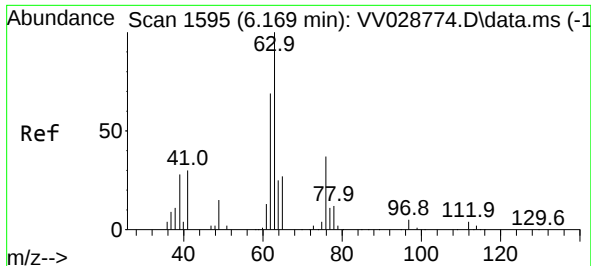
Ion Ratio Lower Upper

83 100

55 86.0 69.4 104.2

98 46.5 37.0 55.4





#37

1,2-Dichloropropane

Concen: 51.468 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

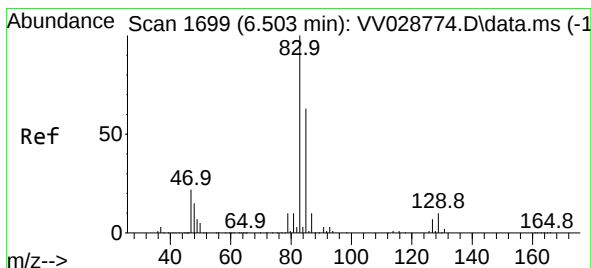
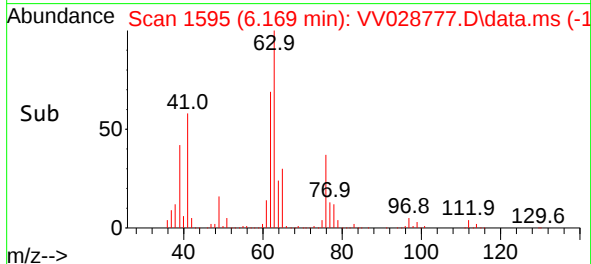
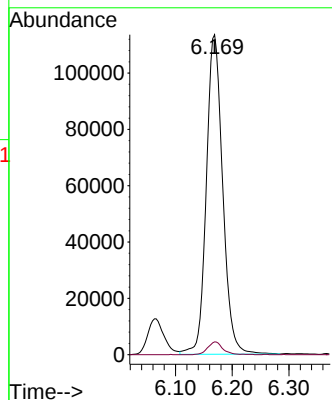
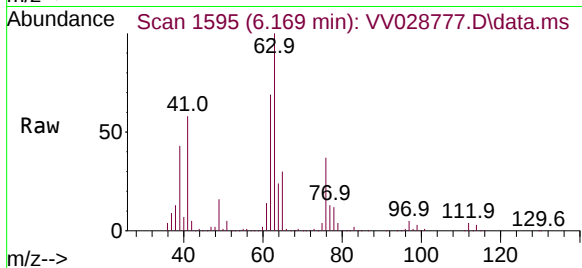
ClientSampleId :

Tgt Ion: 63 Resp: 227640

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 49.508 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

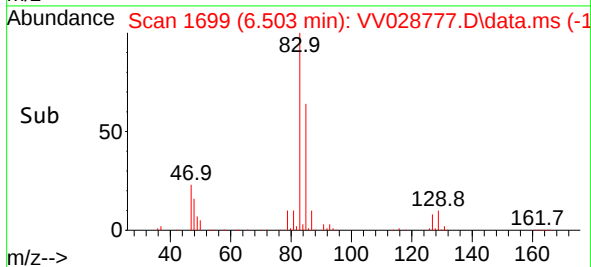
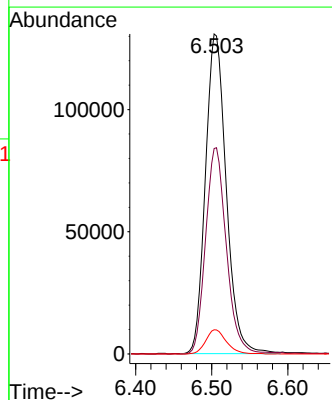
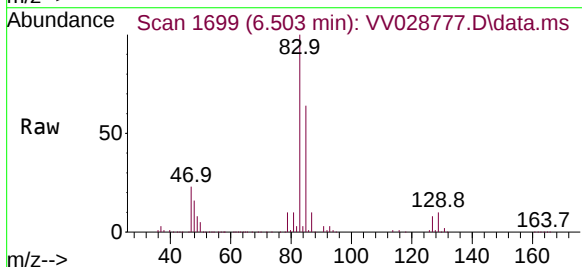
Tgt Ion: 83 Resp: 248762

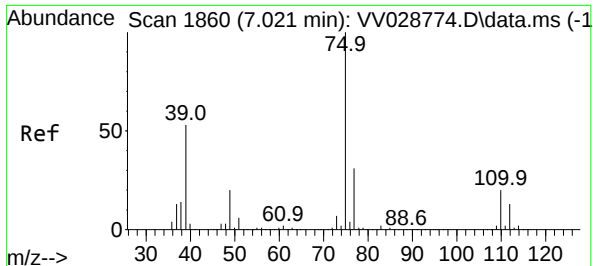
Ion Ratio Lower Upper

83 100

85 64.2 44.3 82.3

127 7.6 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 51.417 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

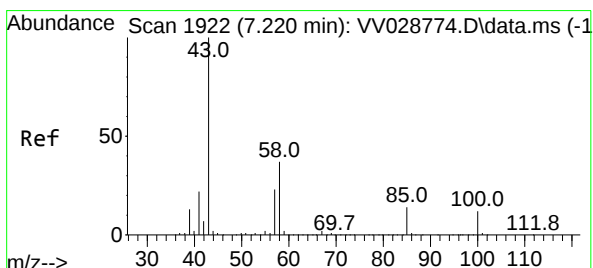
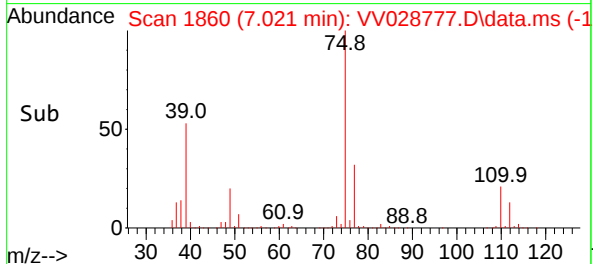
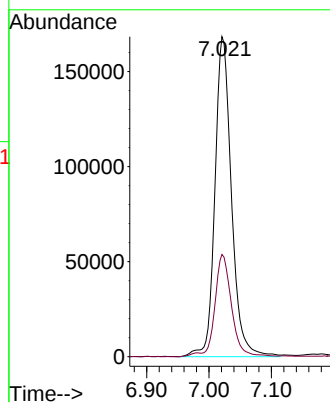
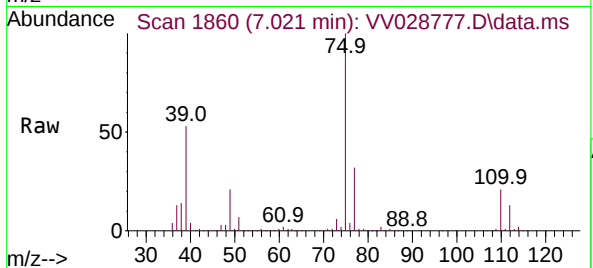
ClientSampleId :

Tgt Ion: 75 Resp: 310574

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 102.499 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

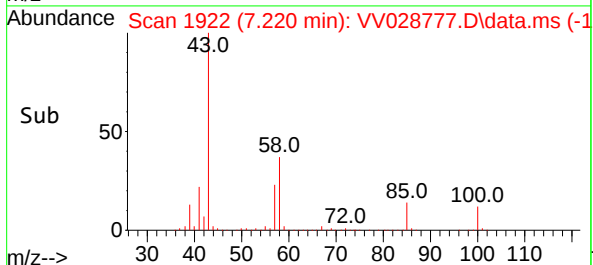
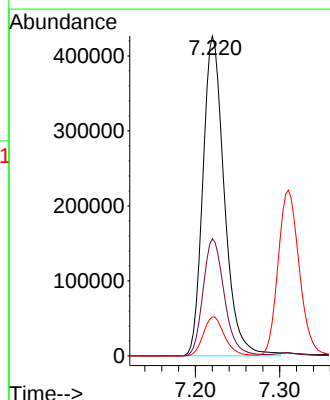
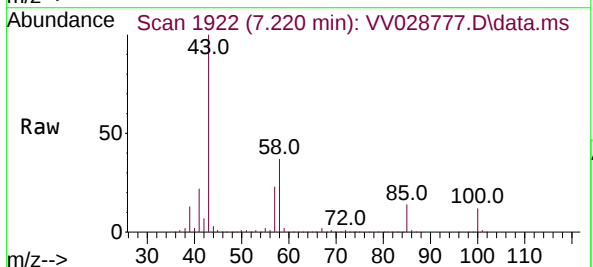
Tgt Ion: 43 Resp: 753957

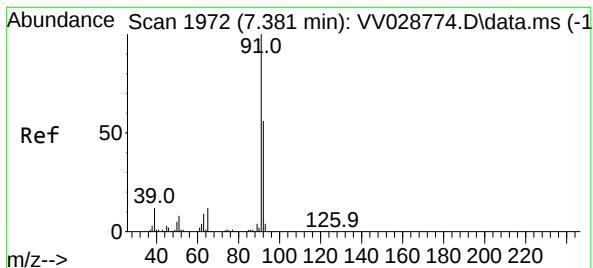
Ion Ratio Lower Upper

43 100

58 36.5 29.1 43.7

100 12.2 9.5 14.3





#42

Toluene

Concen: 49.716 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

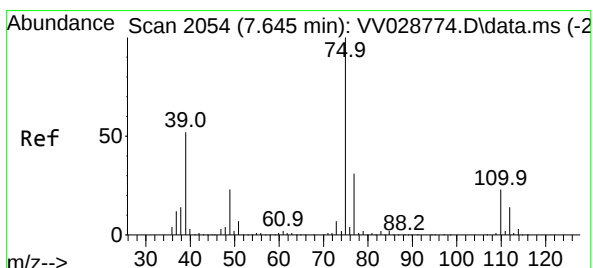
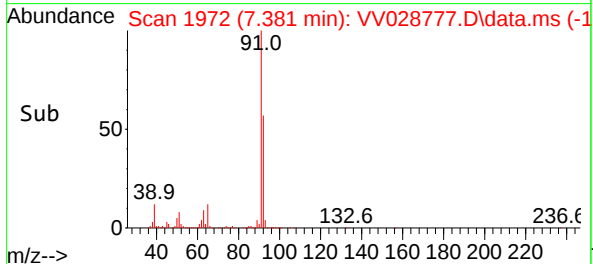
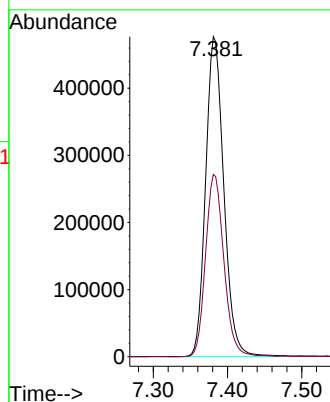
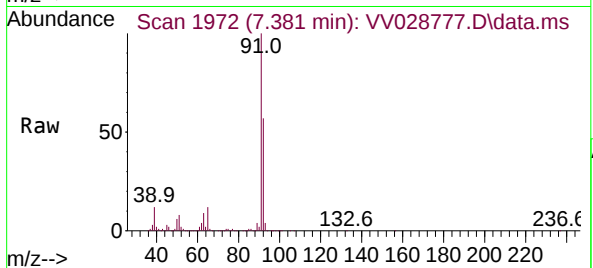
ClientSampleId :

Tgt Ion: 91 Resp: 810326

Ion Ratio Lower Upper

91 100

92 56.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 51.568 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV028777.D

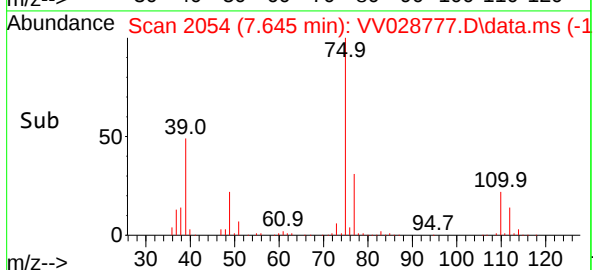
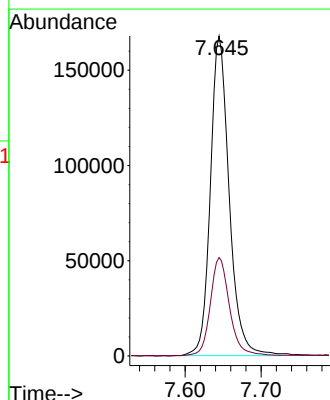
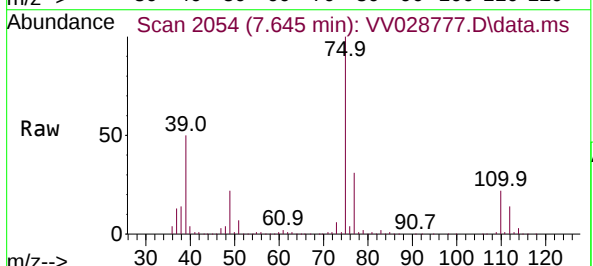
Acq: 31 Oct 2022 13:21

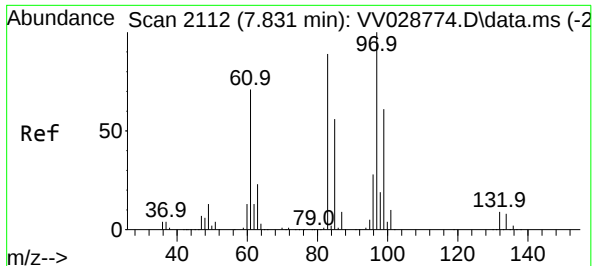
Tgt Ion: 75 Resp: 288039

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 48.618 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. 0.000 min

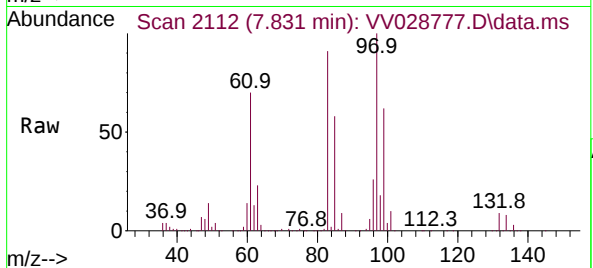
Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 184477

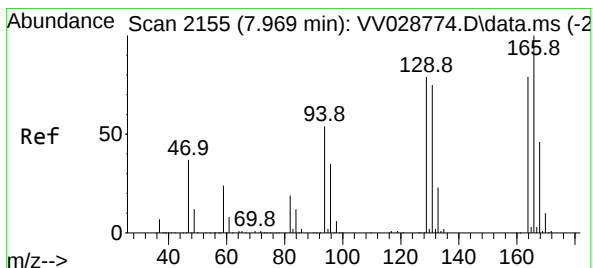
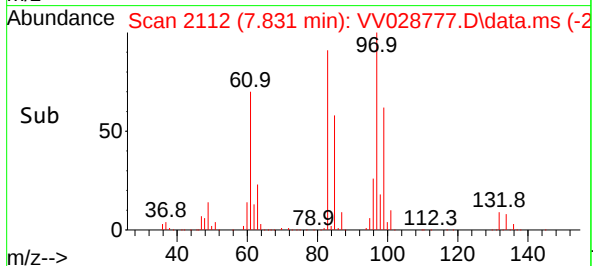
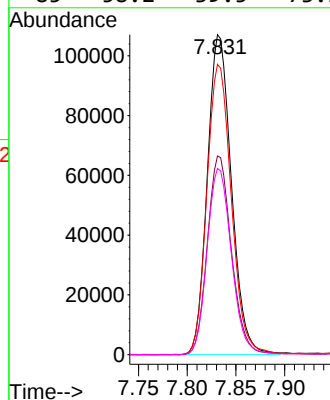
Ion Ratio Lower Upper

97 100

99 62.1 42.9 79.7

83 90.7 62.7 116.5

85 58.2 39.5 73.3



#46

Tetrachloroethene

Concen: 49.844 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Tgt Ion: 164 Resp: 129143

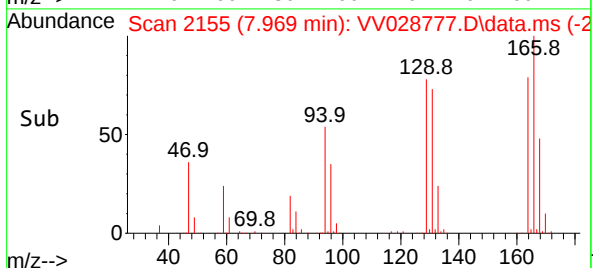
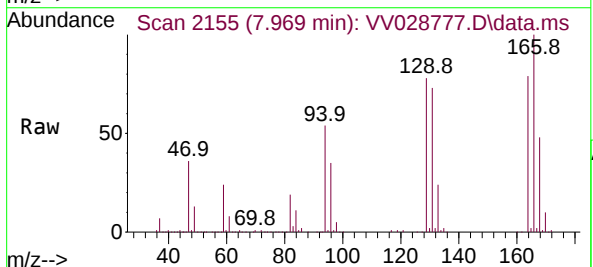
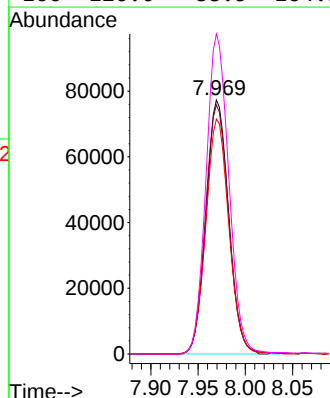
Ion Ratio Lower Upper

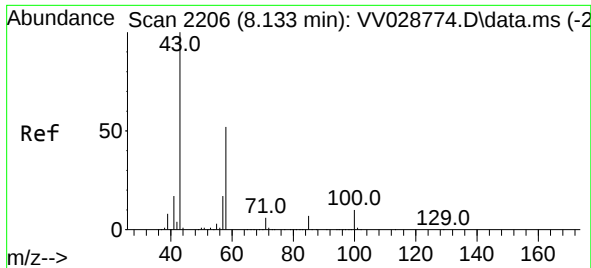
164 100

129 98.1 69.5 129.1

131 92.5 66.4 123.2

166 126.0 88.5 164.3



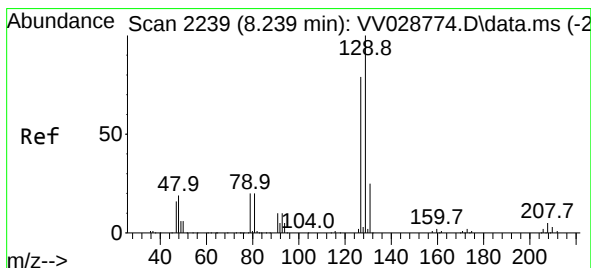
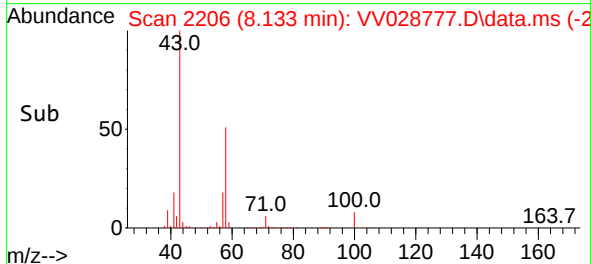
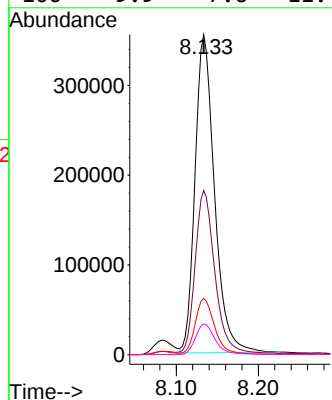
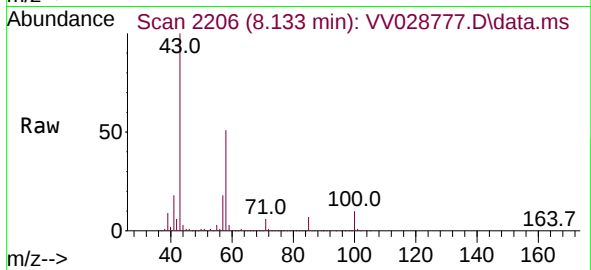


#48
2-Hexanone
Concen: 104.423 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 584993

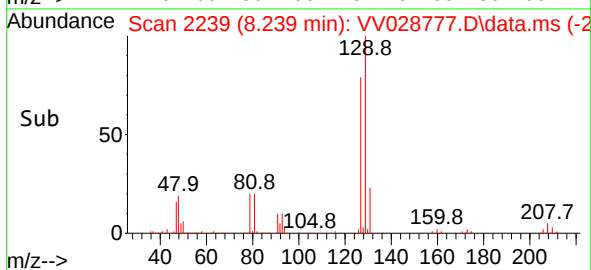
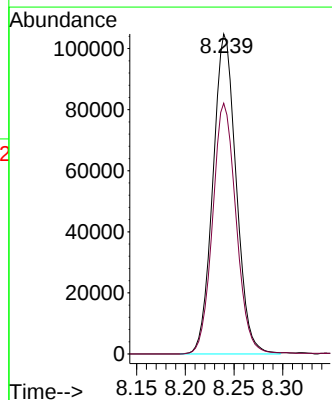
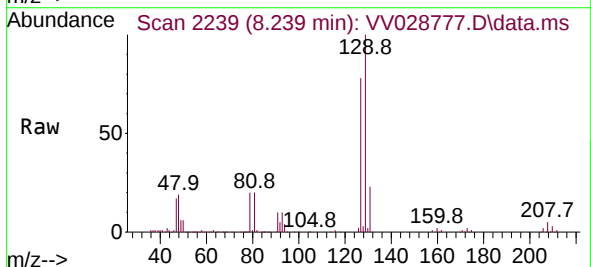
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.4	62.0
57	17.3	13.8	20.6
100	9.9	7.6	11.4

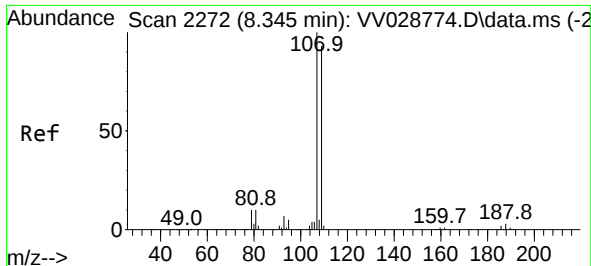


#49
Dibromochloromethane
Concen: 49.596 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion: 129 Resp: 174204

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.3	102.7





#50

1,2-Dibromoethane

Concen: 50.247 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

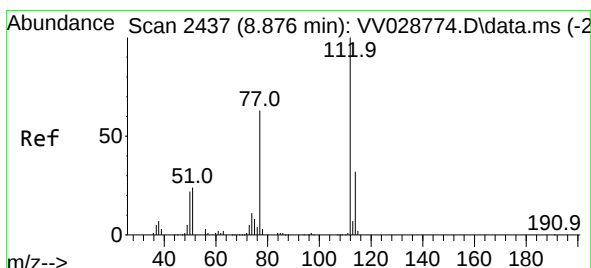
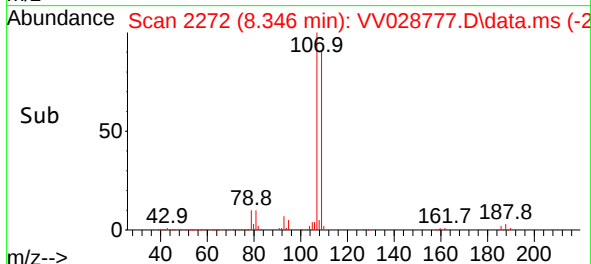
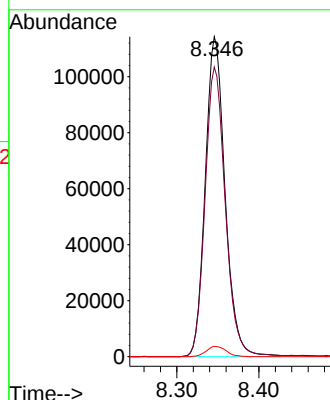
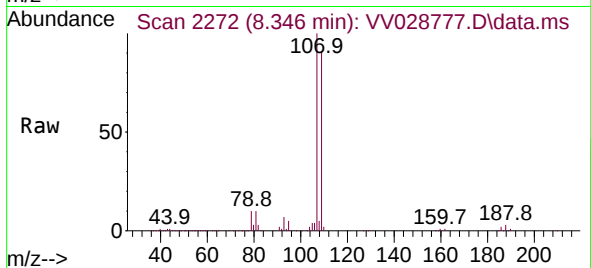
Tgt Ion:107 Resp: 192105

Ion Ratio Lower Upper

107 100

109 90.5 65.2 121.0

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 49.164 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

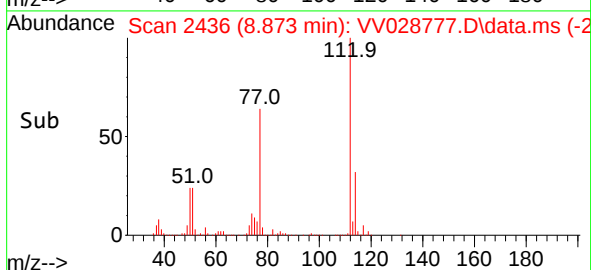
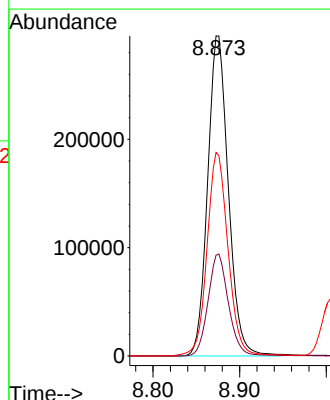
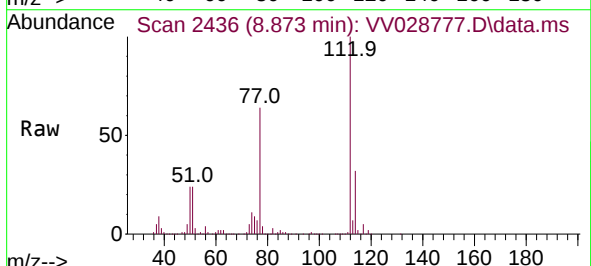
Tgt Ion:112 Resp: 490681

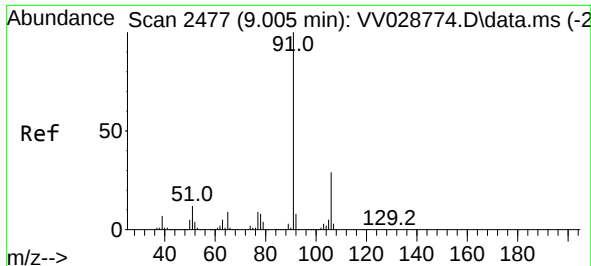
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 63.6 50.6 75.8





#52

Ethylbenzene

Concen: 50.141 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

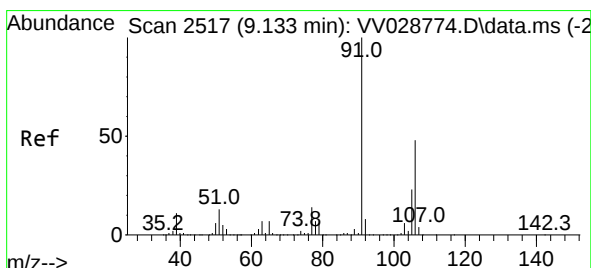
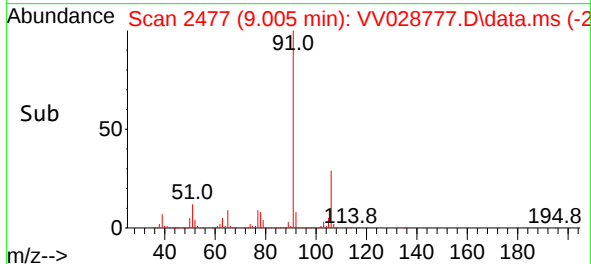
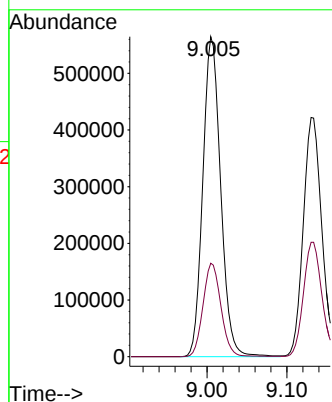
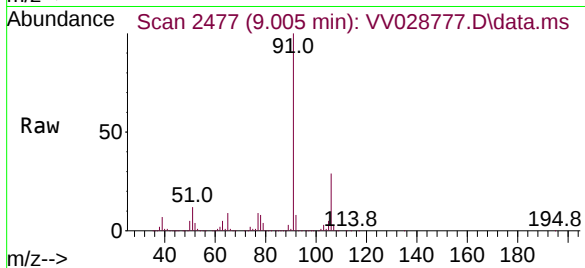
ClientSampleId :

Tgt Ion: 91 Resp: 879161

Ion Ratio Lower Upper

91 100

106 29.2 20.4 38.0



#53

m,p-Xylene

Concen: 50.652 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.003 min

Lab File: VV028777.D

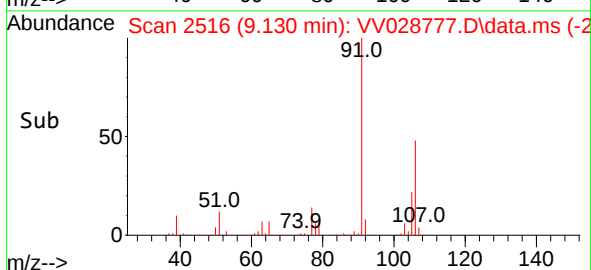
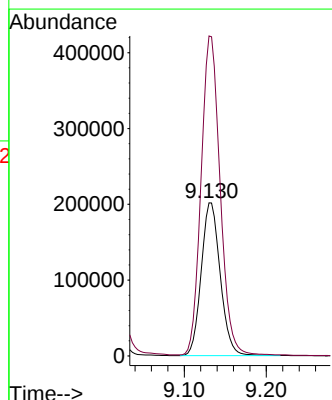
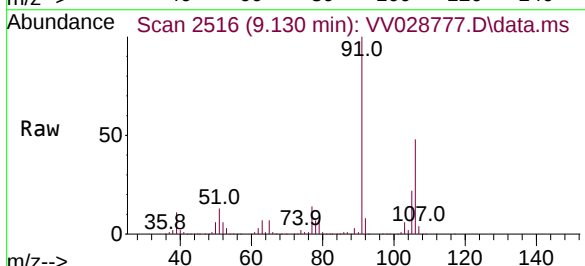
Acq: 31 Oct 2022 13:21

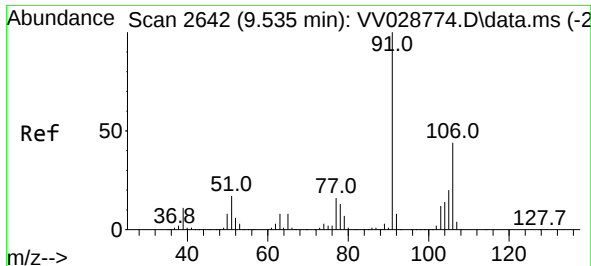
Tgt Ion: 106 Resp: 323925

Ion Ratio Lower Upper

106 100

91 209.0 146.2 271.6

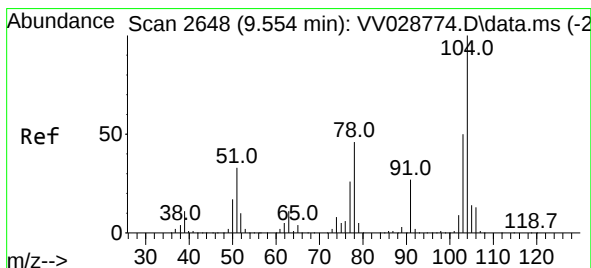
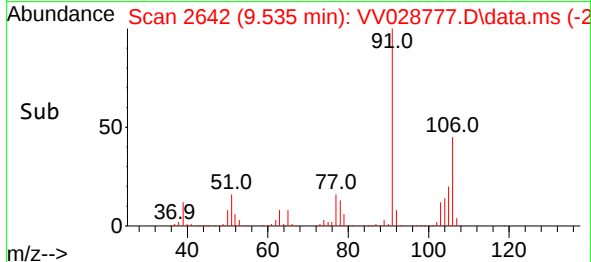
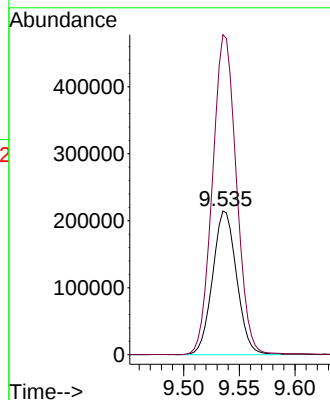
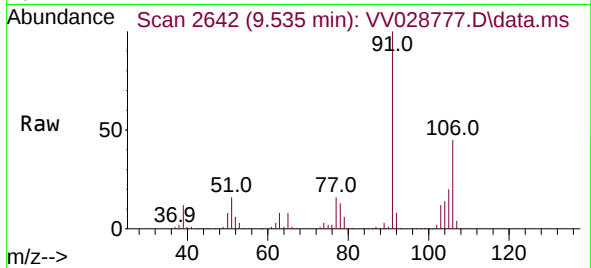




#54
o-Xylene
Concen: 50.350 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

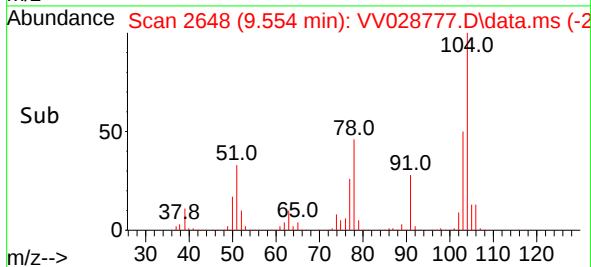
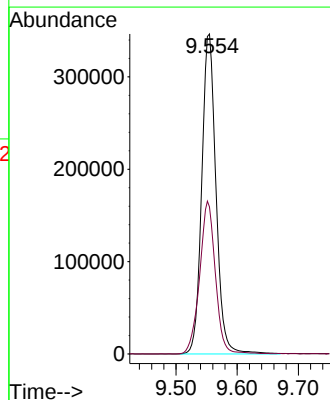
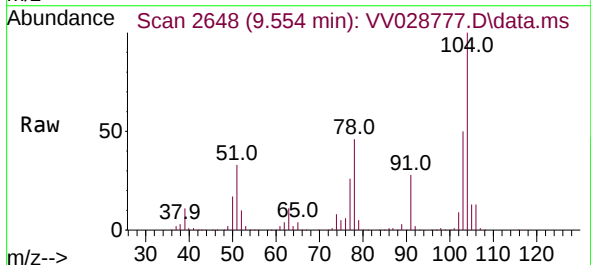
Instrument :
MSVOA_V
ClientSampleId :

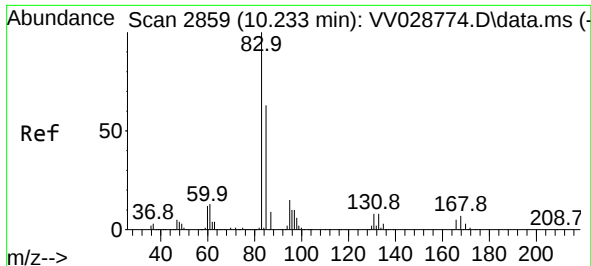
Tgt Ion:106 Resp: 321463
Ion Ratio Lower Upper
106 100
91 222.7 158.1 293.7



#55
Styrene
Concen: 51.260 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion:104 Resp: 561238
Ion Ratio Lower Upper
104 100
78 45.9 31.9 59.3

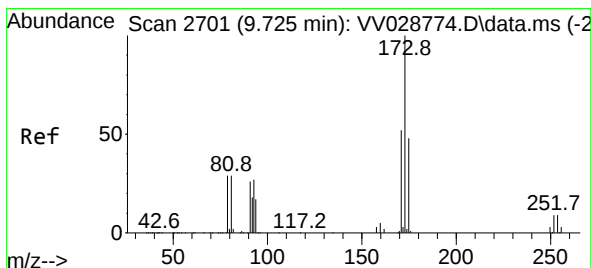
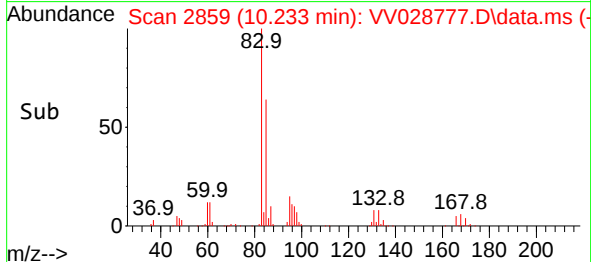
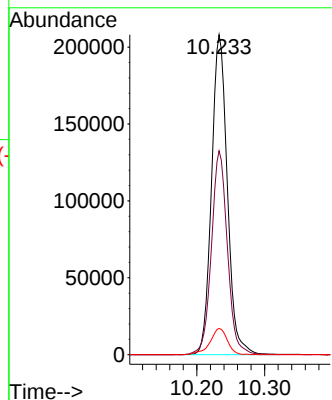
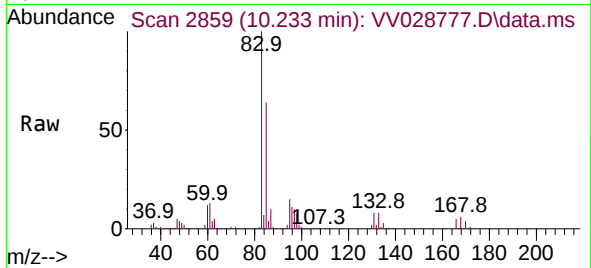




#57
1,1,2,2-Tetrachloroethane
Concen: 50.163 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

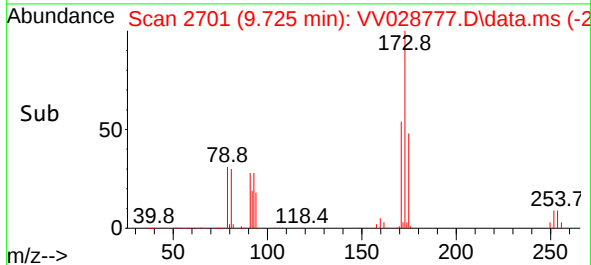
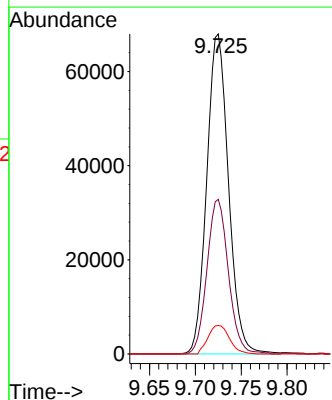
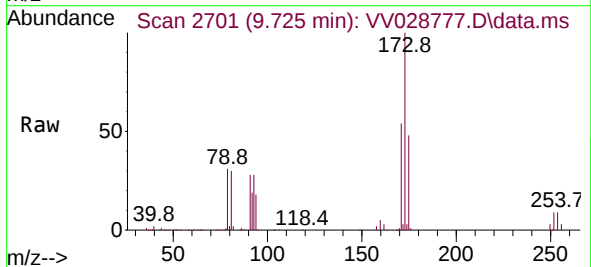
Instrument :
MSVOA_V
ClientSampleId :

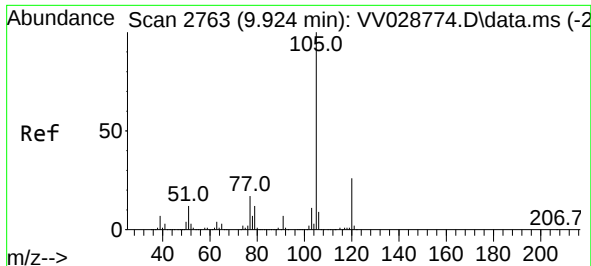
Tgt Ion: 83 Resp: 335944
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.4
131 8.2 6.5 9.7



#59
Bromoform
Concen: 50.312 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

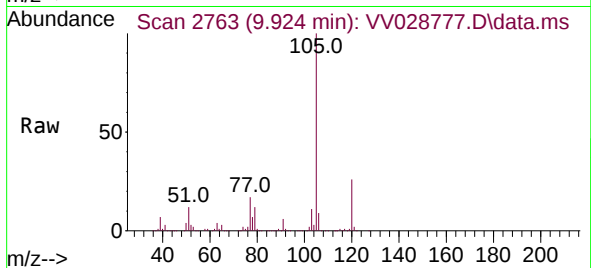
Tgt Ion: 173 Resp: 112294
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 8.8 7.2 10.8



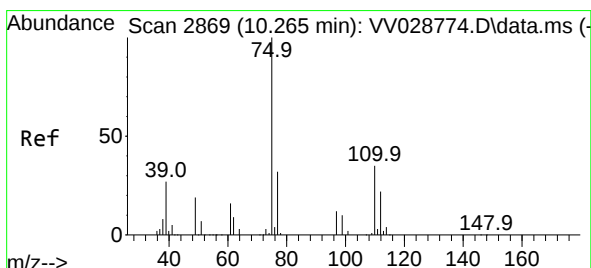
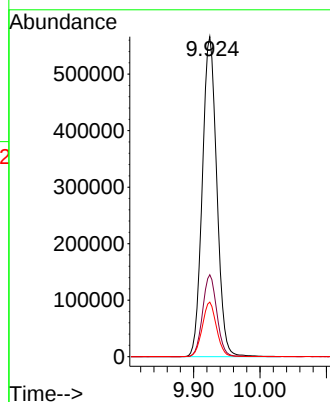
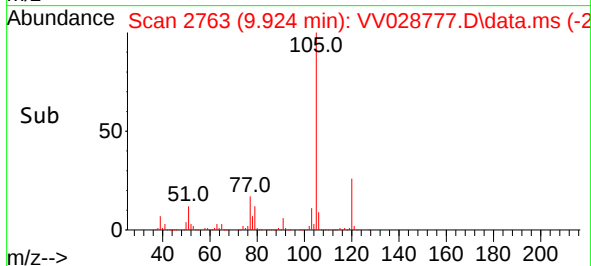


#60
Isopropylbenzene
Concen: 50.349 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

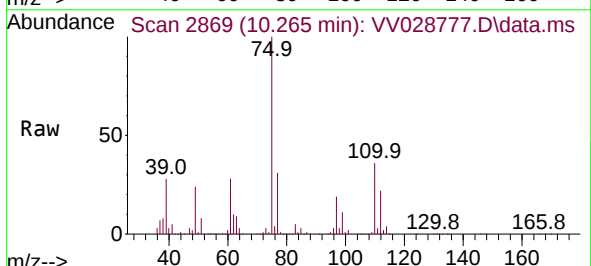
Instrument :
MSVOA_V
ClientSampleId :



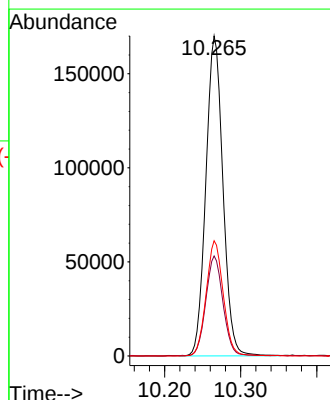
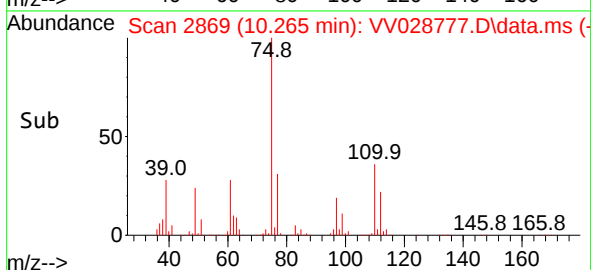
Tgt Ion:105 Resp: 860218
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.8 13.4 20.2

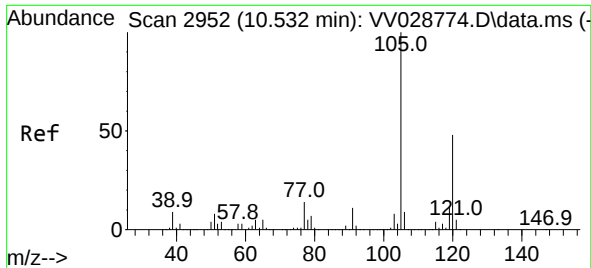


#61
1,2,3-Trichloropropane
Concen: 49.595 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21



Tgt Ion: 75 Resp: 264970
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
110 36.0 28.2 42.2

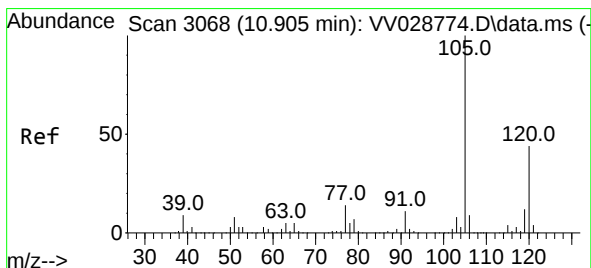
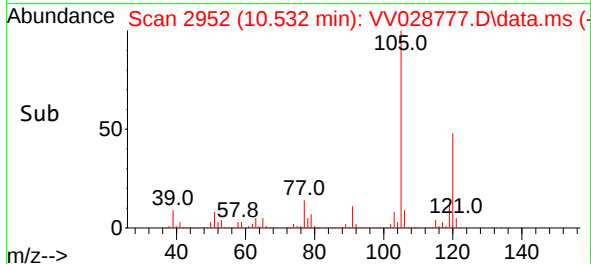
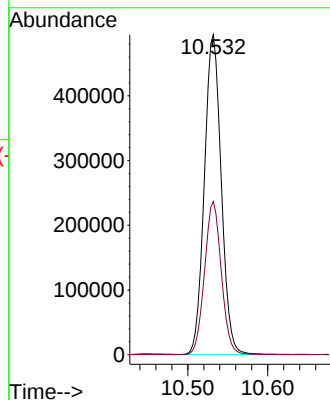
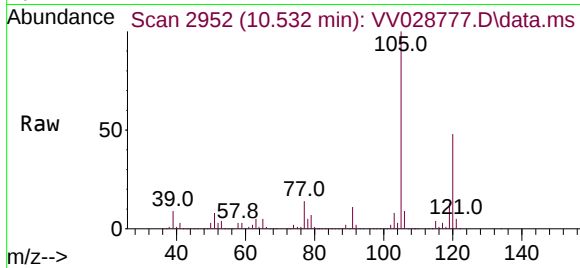




#62
 1,3,5-Trimethylbenzene
 Concen: 51.037 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

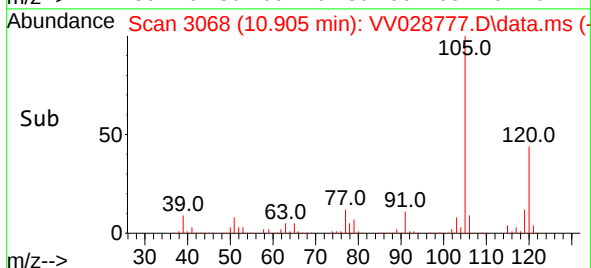
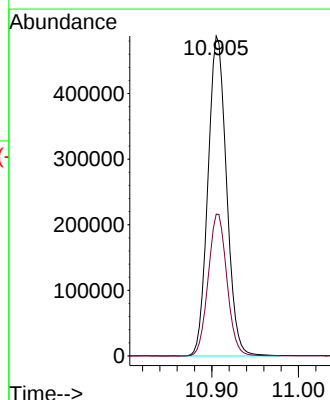
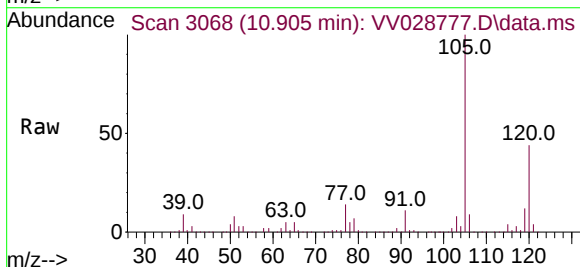
Instrument :
 MSVOA_V
 ClientSampleId :

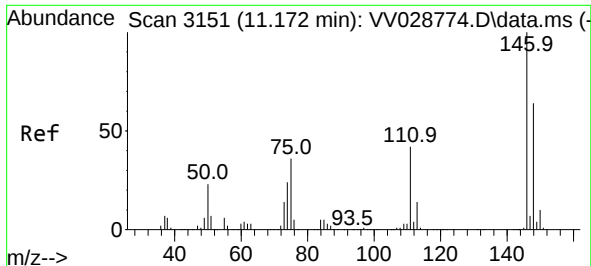
Tgt Ion:105 Resp: 727962
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 51.111 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

Tgt Ion:105 Resp: 725247
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.0

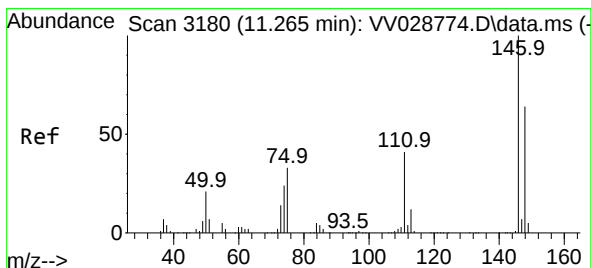
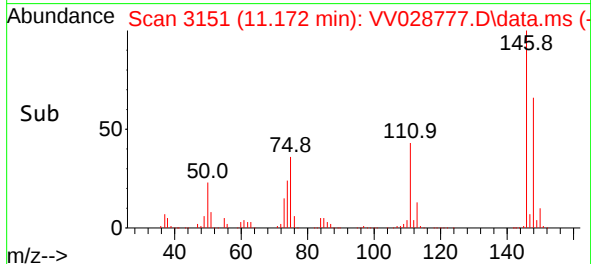
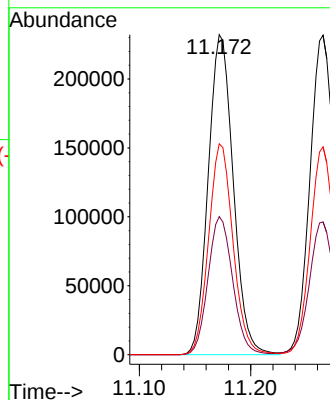
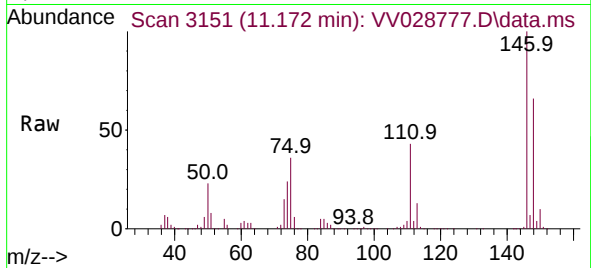




#64
1,3-Dichlorobenzene
Concen: 50.279 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

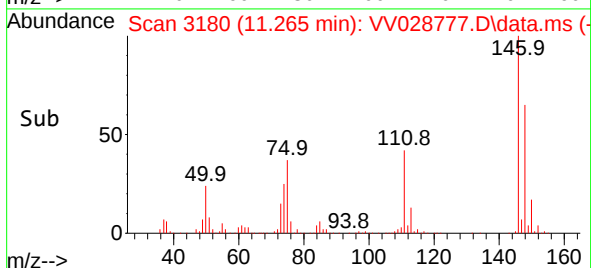
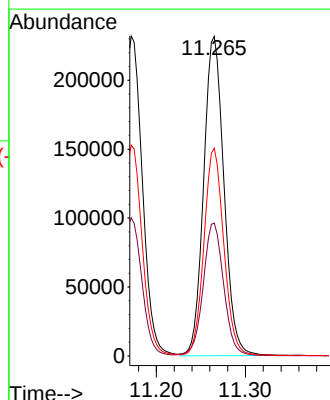
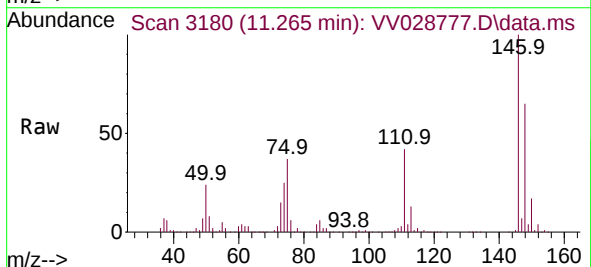
Instrument :
MSVOA_V
ClientSampleId :

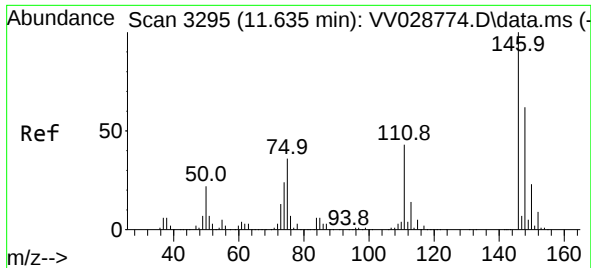
Tgt Ion:146 Resp: 362381
Ion Ratio Lower Upper
146 100
111 43.1 29.6 55.0
148 65.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 49.937 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion:146 Resp: 366717
Ion Ratio Lower Upper
146 100
111 41.6 28.7 53.3
148 65.0 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 48.984 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

Instrument :

MSVOA_V

ClientSampleId :

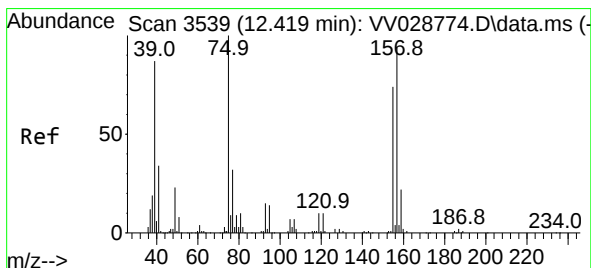
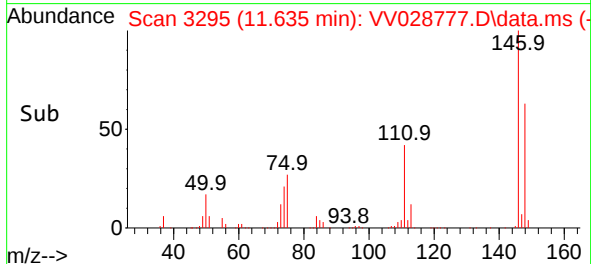
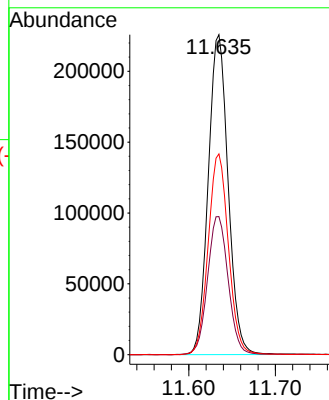
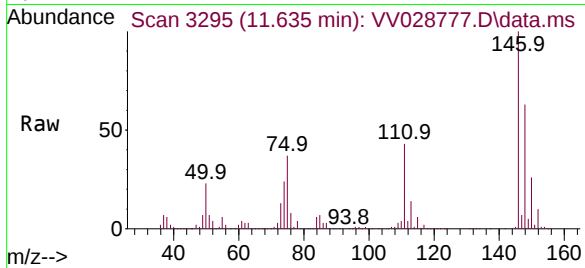
Tgt Ion:146 Resp: 359149

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.2

148 62.7 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 50.727 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VV028777.D

Acq: 31 Oct 2022 13:21

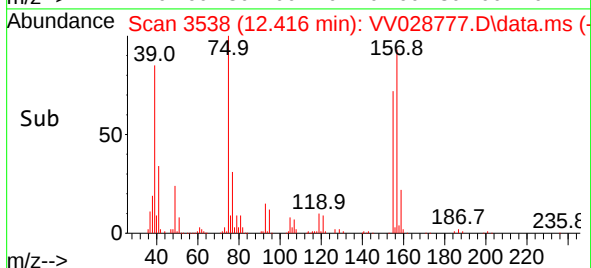
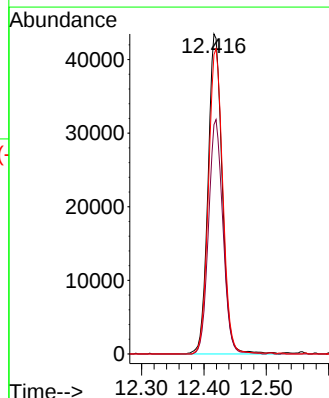
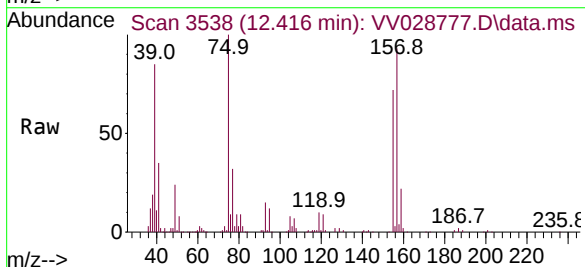
Tgt Ion: 75 Resp: 69047

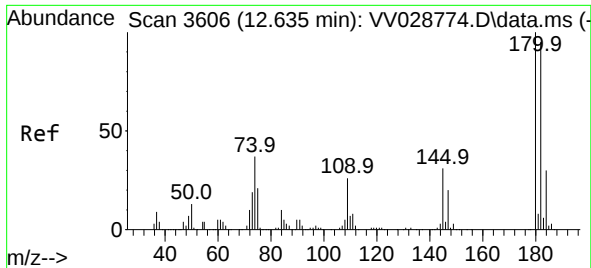
Ion Ratio Lower Upper

75 100

155 71.7 59.4 89.0

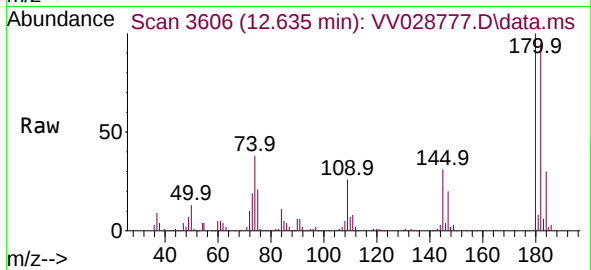
157 93.5 74.9 112.3



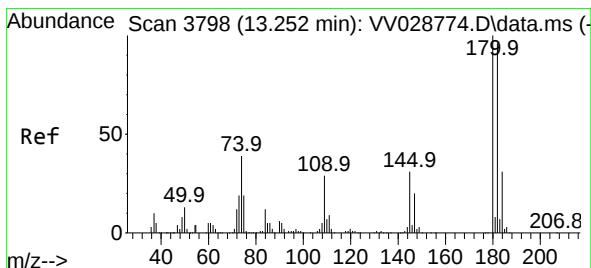
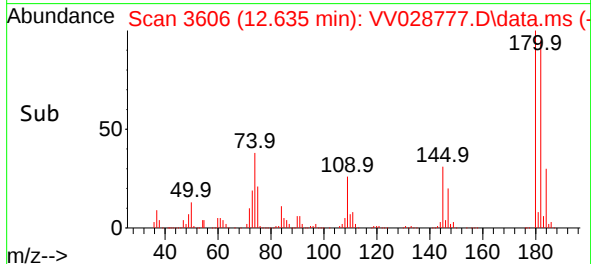
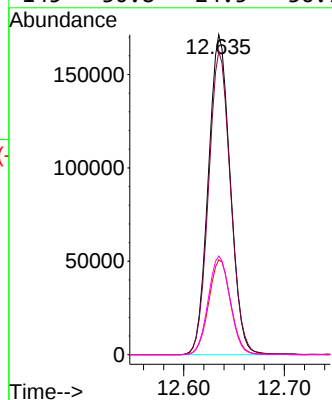


#69
 1,3,5-Trichlorobenzene
 Concen: 50.109 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

Instrument :
 MSVOA_V
 ClientSampleId :

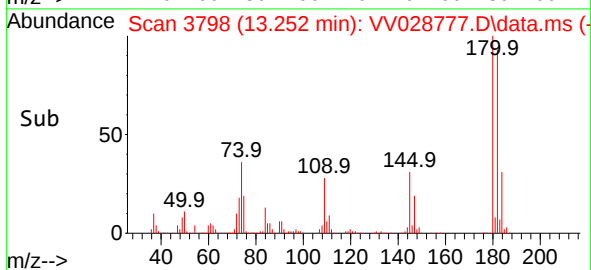
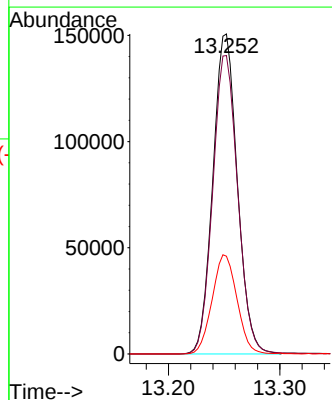
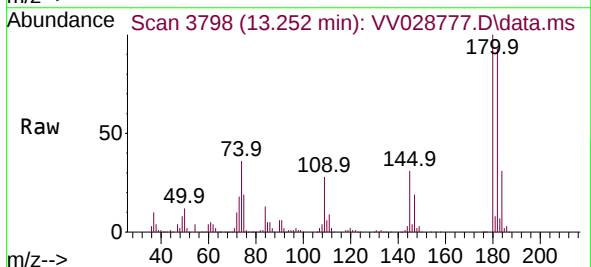


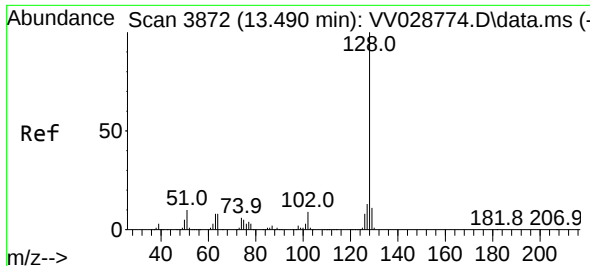
Tgt Ion:180 Resp: 258981
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 184 30.0 23.9 35.9
 145 30.8 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 52.098 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.000 min
 Lab File: VV028777.D
 Acq: 31 Oct 2022 13:21

Tgt Ion:180 Resp: 230426
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 115.0
 145 31.4 25.1 37.7

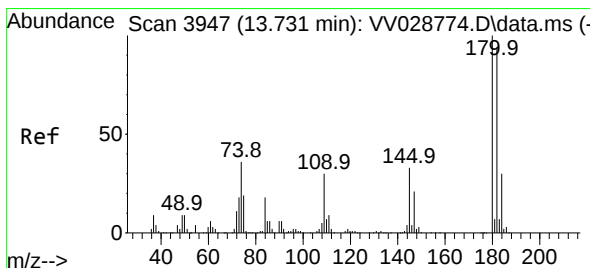
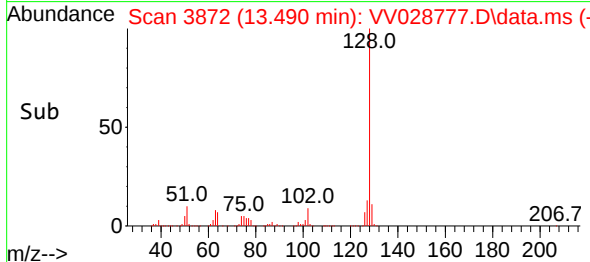
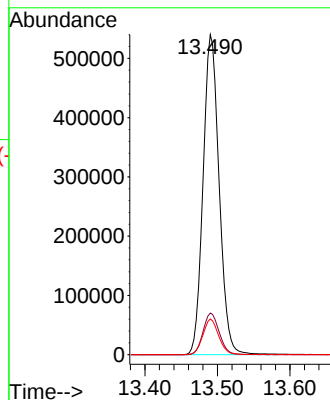
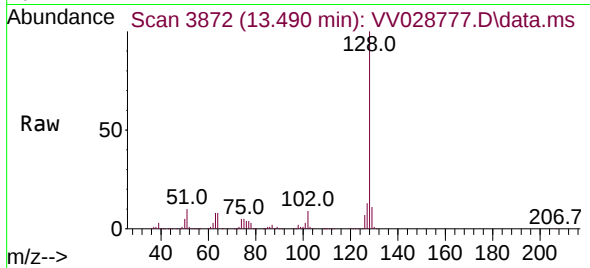




#71
Naphthalene
Concen: 57.764 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 831833
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.646 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV028777.D
Acq: 31 Oct 2022 13:21

Tgt Ion:180 Resp: 240162
Ion Ratio Lower Upper
180 100
182 93.6 75.5 113.3
145 33.1 26.2 39.4

