

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
 Data File : VW029794.D
 Acq On : 12 Jan 2023 18:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 22:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	215109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	207505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82508	5.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.564	69	66905	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.105	63	145413	4.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.915	46	154077	53.280	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.560%
24) Chloroform-d	4.339	84	153521	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.024	65	65203	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.043	84	316404	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.063	67	91368	5.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.307	98	293185	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.612	79	34480	5.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.088	63	146460	54.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70279	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	111125	5.183	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	102114	5.100	ug/L	98
3) Chloromethane	1.237	50	106638	5.061	ug/L	99
5) Vinyl chloride	1.307	62	108486	5.251	ug/L	100
6) Bromomethane	1.519	94	55281	5.496	ug/L	99
8) Chloroethane	1.581	64	65500	5.225	ug/L	100
9) Trichlorofluoromethane	1.748	101	142454	5.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	82907	5.200	ug/L	100
12) 1,1-Dichloroethene	2.114	96	82943	4.516	ug/L	98
13) Acetone	2.208	43	92531	44.830	ug/L	94
14) Carbon disulfide	2.288	76	281343	5.320	ug/L	100
15) Methyl Acetate	2.445	43	23974	4.460	ug/L	95
16) Methylene chloride	2.500	84	108943	4.775	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	170938	5.382	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	90990	5.329	ug/L	99
19) 1,1-Dichloroethane	3.182	63	149545	5.236	ug/L	99
21) 2-Butanone	3.995	43	141700	47.922	ug/L	89
22) cis-1,2-Dichloroethene	3.902	96	95085	5.226	ug/L	100
23) Bromochloromethane	4.240	128	39345	5.237	ug/L	95
25) Chloroform	4.365	83	156132	5.029	ug/L	96

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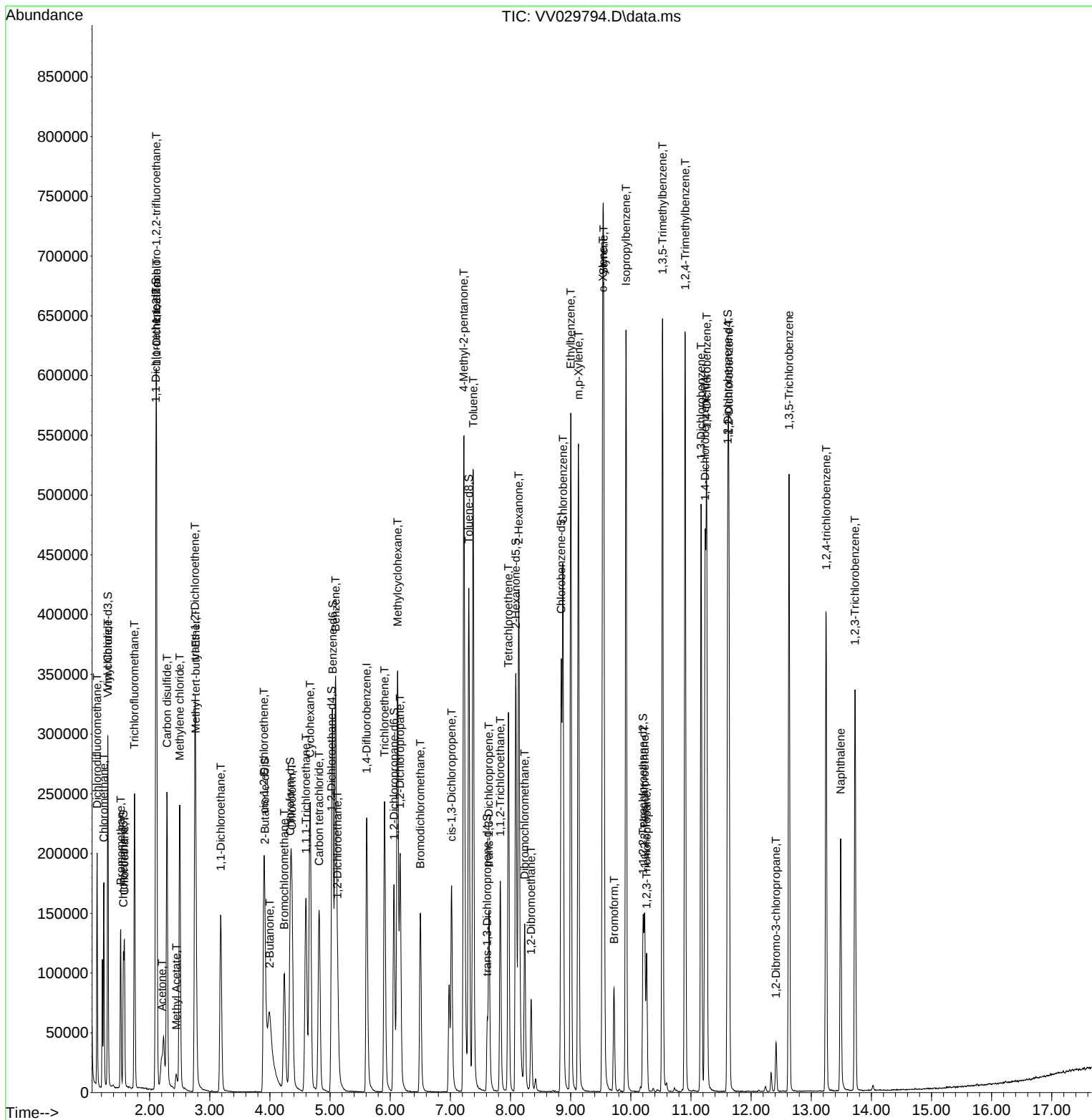
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 ClientSampleId :

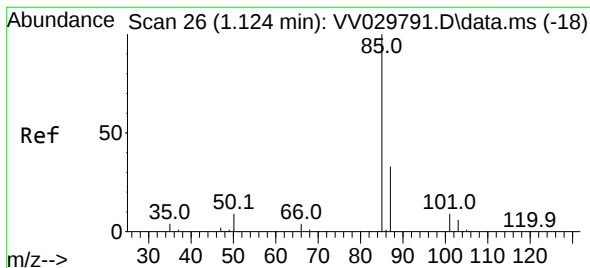
Quant Time: Jan 12 22:12:01 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	79883	5.295	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	138715	5.148	ug/L	99
30) Cyclohexane	4.667	56	137898	5.406	ug/L	98
31) Carbon tetrachloride	4.818	117	120926	5.158	ug/L	100
33) Benzene	5.092	78	370987	5.407	ug/L	100
34) Trichloroethene	5.905	95	92128	5.299	ug/L	96
35) Methylcyclohexane	6.124	83	157991	5.382	ug/L	99
37) 1,2-Dichloropropane	6.166	63	86586	5.389	ug/L	100
38) Bromodichloromethane	6.503	83	109305	5.260	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	115788	5.374	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	386389	56.354	ug/L	99
42) Toluene	7.381	91	407193	5.503	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	93934	5.410	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	59921	5.176	ug/L	99
47) Tetrachloroethene	7.966	164	76726	5.242	ug/L	99
48) 2-Hexanone	8.137	43	272697	55.644	ug/L	97
49) Dibromochloromethane	8.236	129	72042	5.303	ug/L	100
50) 1,2-Dibromoethane	8.342	107	53117	5.286	ug/L #	97
51) Chlorobenzene	8.873	112	247444	5.267	ug/L	99
52) Ethylbenzene	9.001	91	412922	5.332	ug/L	100
53) m,p-Xylene	9.130	106	166010	5.416	ug/L	100
54) o-Xylene	9.535	106	156203	5.369	ug/L	99
55) Styrene	9.551	104	275536	5.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	70803	5.506	ug/L	99
59) Bromoform	9.722	173	40214	5.265	ug/L	99
60) Isopropylbenzene	9.921	105	416174	5.521	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	48241	5.525	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	350573	5.427	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	356363	5.532	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	207655	5.425	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	204893	5.370	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	189521	5.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	11021	5.337	ug/L	89
69) 1,3,5-Trichlorobenzene	12.632	180	167233	5.428	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	129514	5.379	ug/L	100
71) Naphthalene	13.490	128	180216	5.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	106252	5.317	ug/L	98

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

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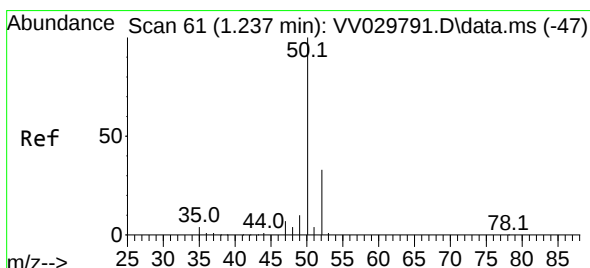
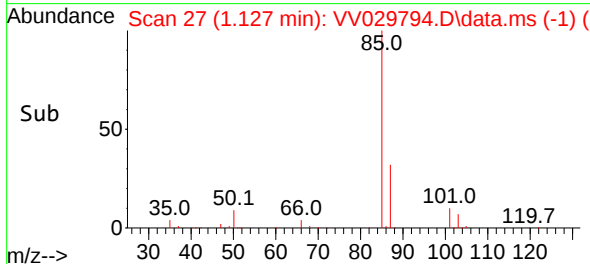
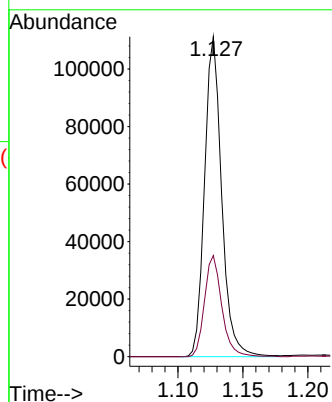
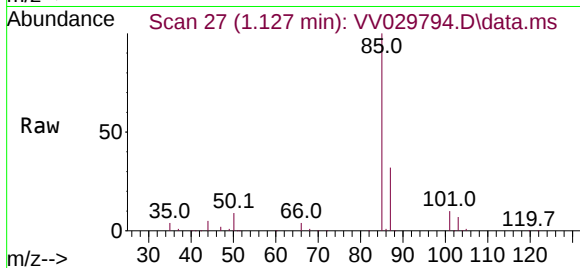




#2
 Dichlorodifluoromethane
 Concen: 5.100 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

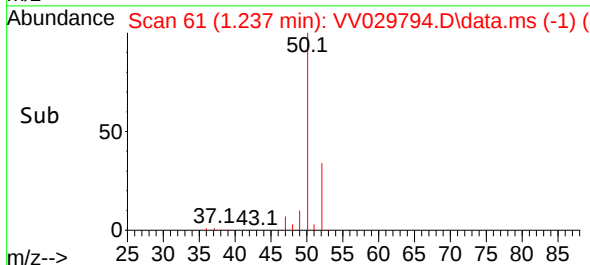
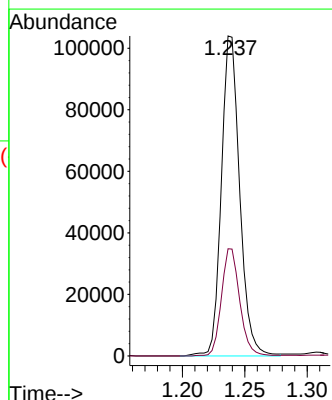
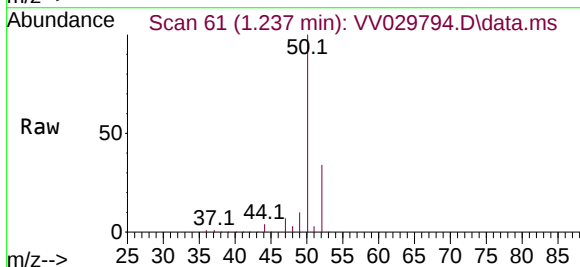
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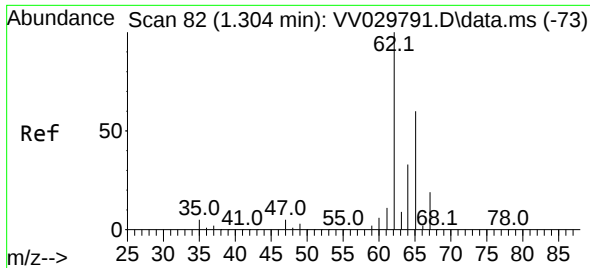
Tgt Ion: 85 Resp: 102114
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.5 39.7



#3
 Chloromethane
 Concen: 5.061 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

Tgt Ion: 50 Resp: 106638
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9

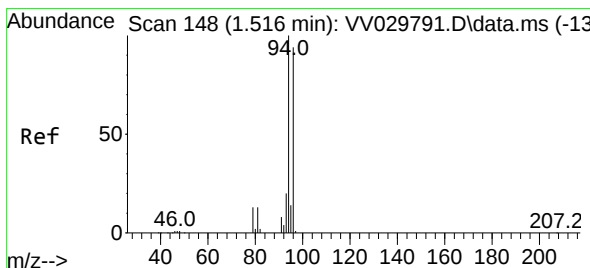
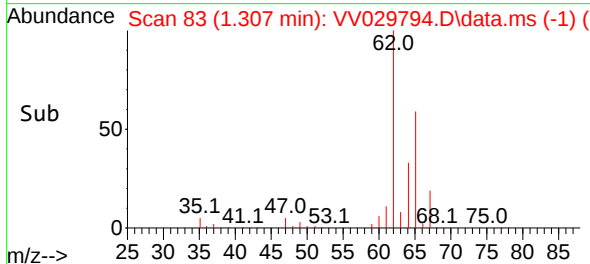
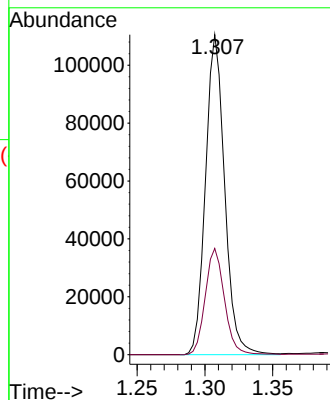
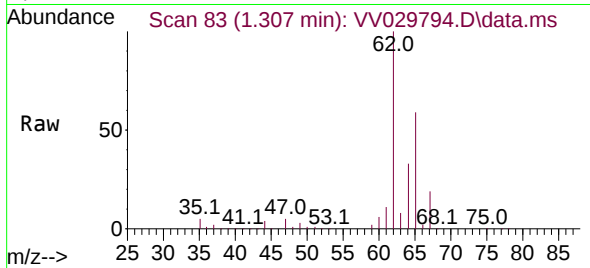




#5
 Vinyl chloride
 Concen: 5.251 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

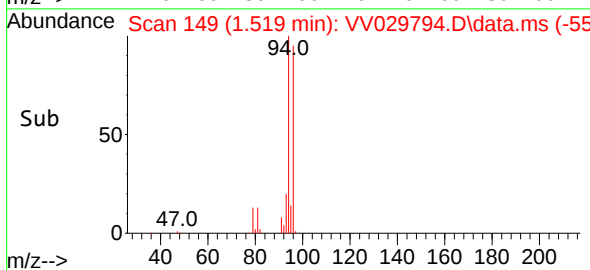
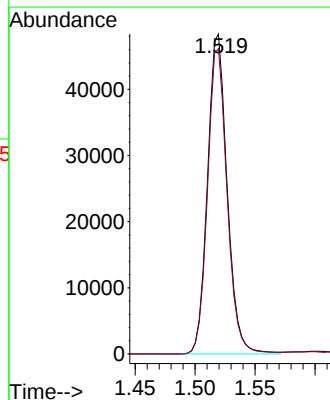
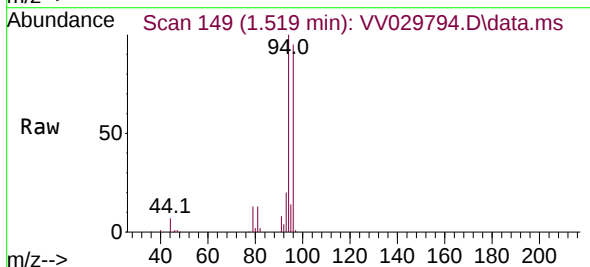
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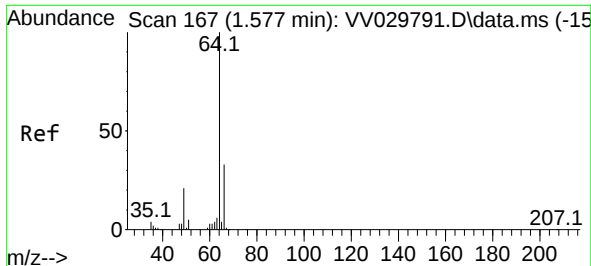
Tgt Ion: 62 Resp: 108486
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 5.496 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

Tgt Ion: 94 Resp: 55281
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.9 122.5

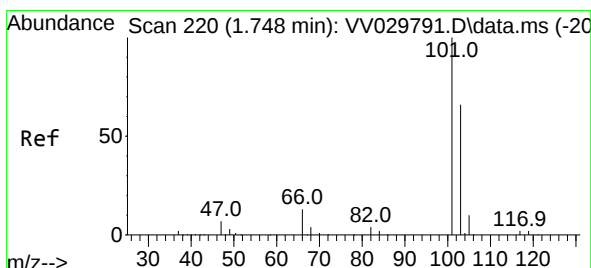
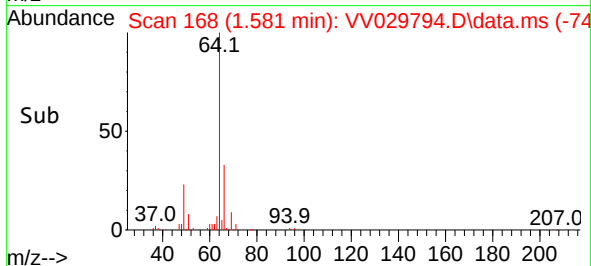
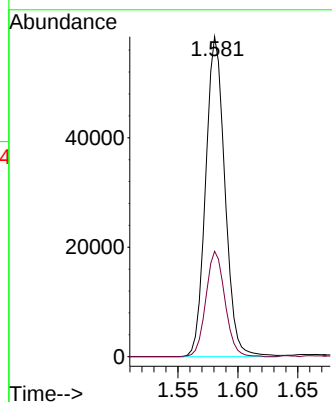
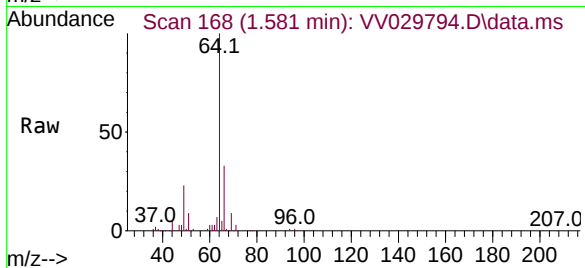




#8
Chloroethane
Concen: 5.225 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

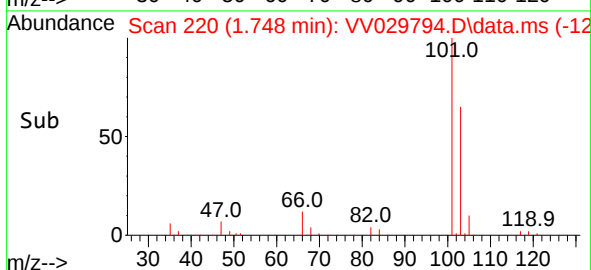
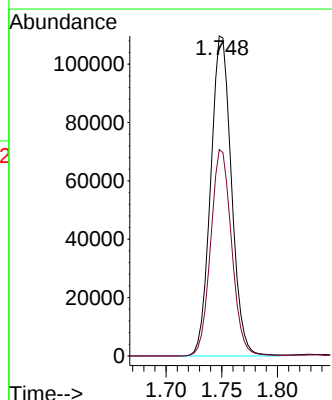
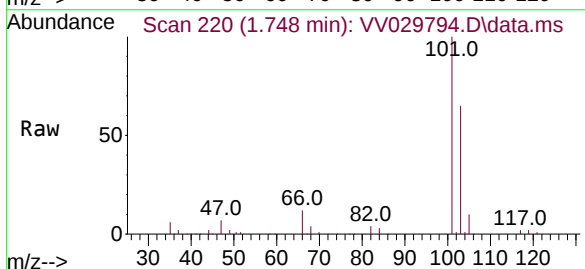
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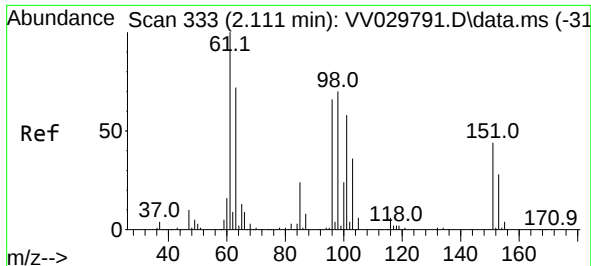
Tgt Ion: 64 Resp: 65500
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.264 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion:101 Resp: 142454
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

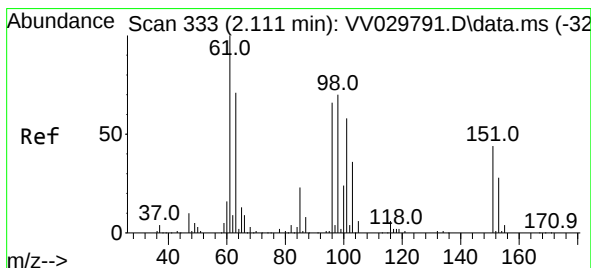
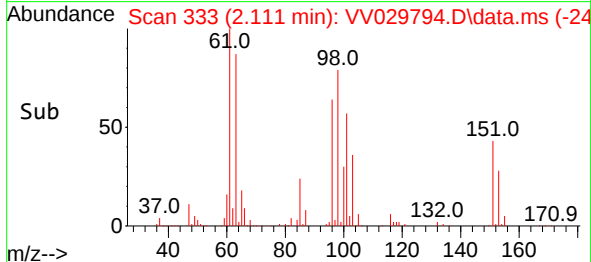
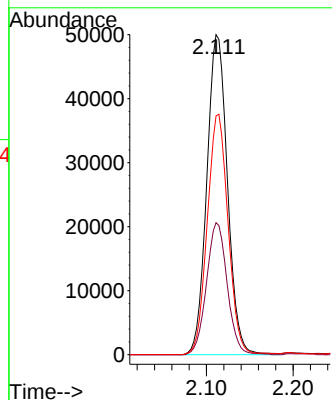
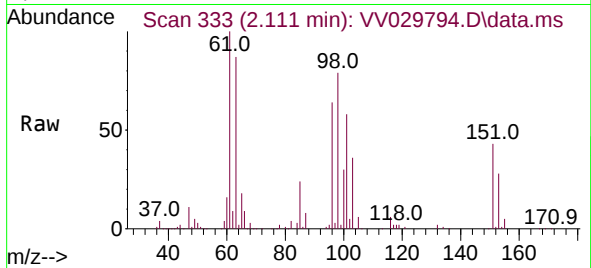




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.200 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

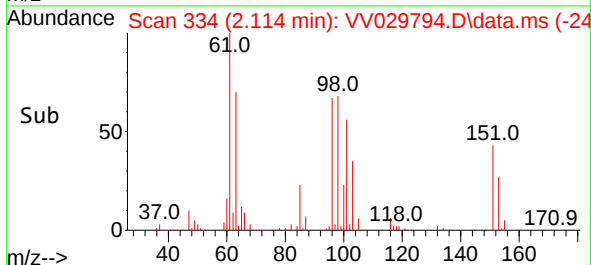
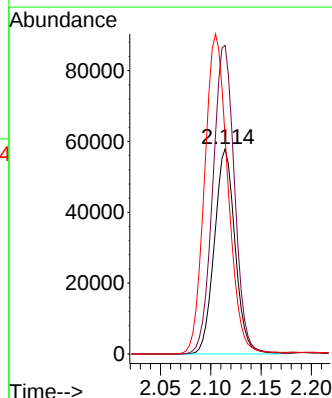
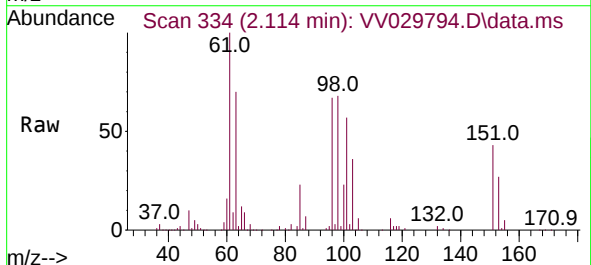
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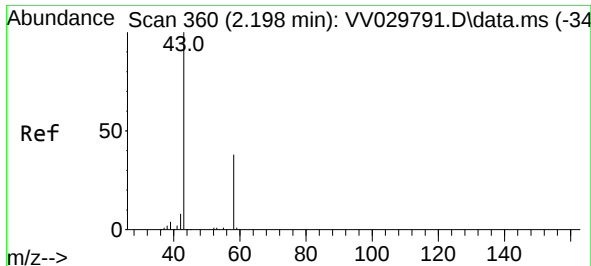
Tgt Ion:101 Resp: 82907
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 75.8 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.516 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

Tgt Ion: 96 Resp: 82943
 Ion Ratio Lower Upper
 96 100
 61 150.3 106.1 197.1
 63 105.4 76.4 141.8





#13

Acetone

Concen: 44.830 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

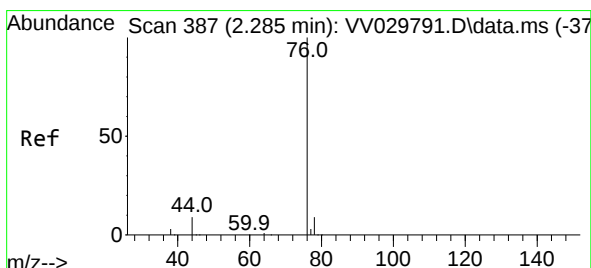
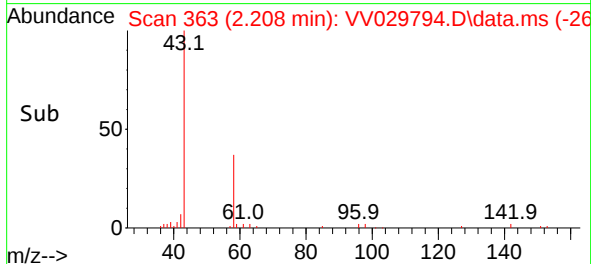
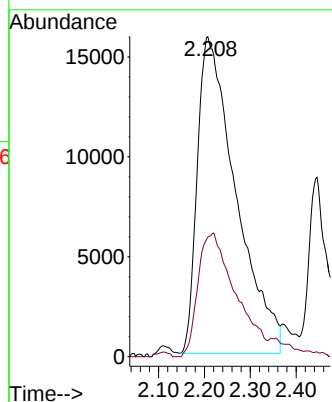
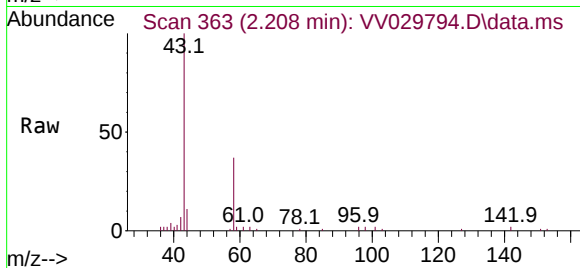
ClientSampleId :

Tgt Ion: 43 Resp: 92531

Ion Ratio Lower Upper

43 100

58 38.0 0.0 68.8



#14

Carbon disulfide

Concen: 5.320 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029794.D

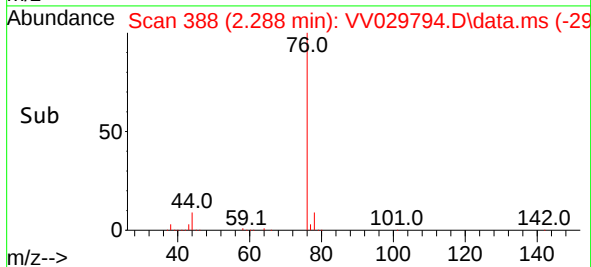
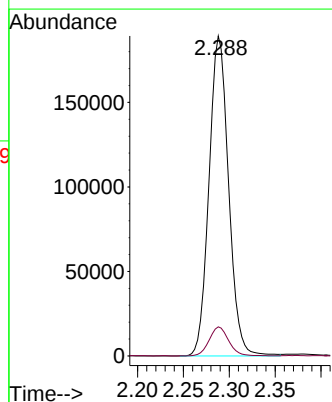
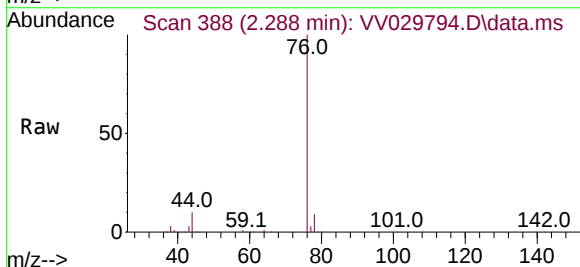
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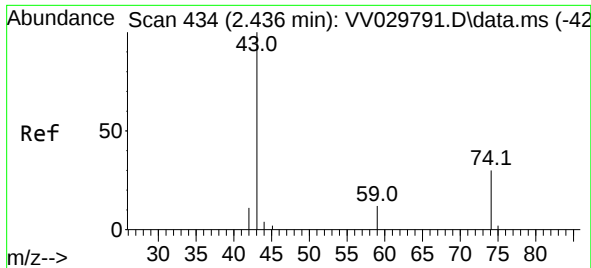
Tgt Ion: 76 Resp: 281343

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

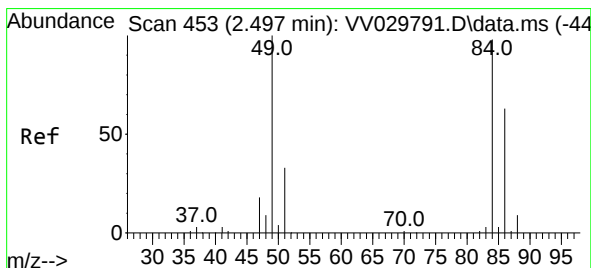
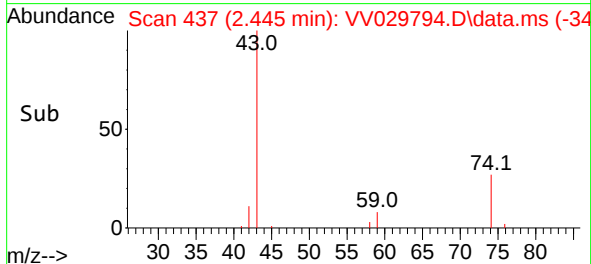
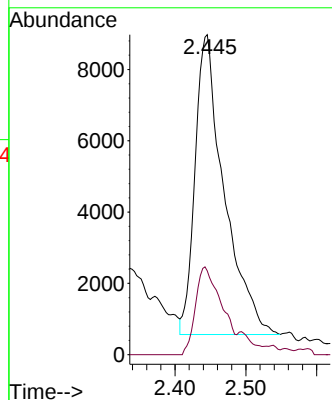
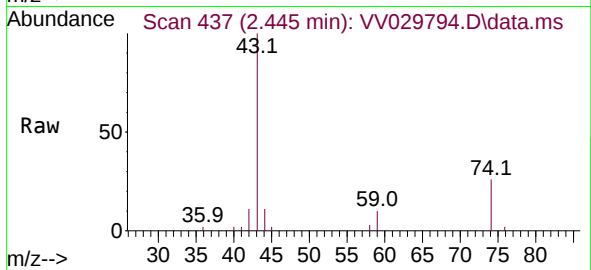




#15
Methyl Acetate
Concen: 4.460 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

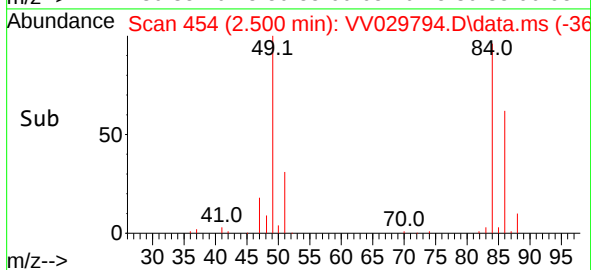
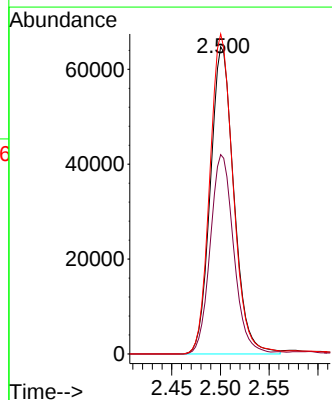
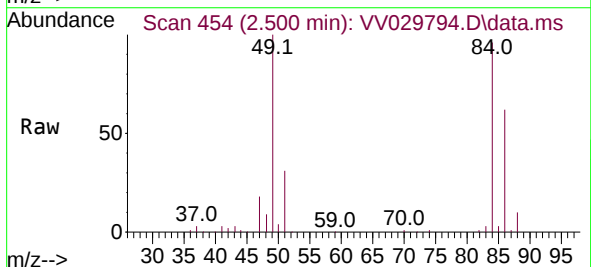
Instrument :
MSVOA_V
ClientSampleId :

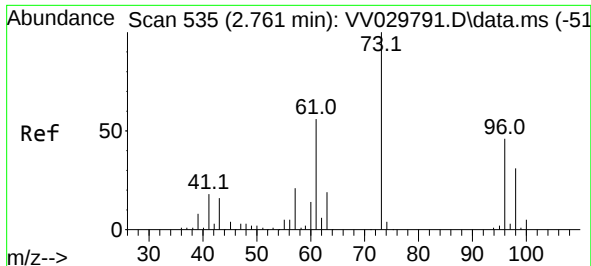
Tgt Ion: 43 Resp: 23974
Ion Ratio Lower Upper
43 100
74 26.3 23.4 35.0



#16
Methylene chloride
Concen: 4.775 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion: 84 Resp: 108943
Ion Ratio Lower Upper
84 100
86 64.9 45.0 83.6
49 104.2 71.5 132.7

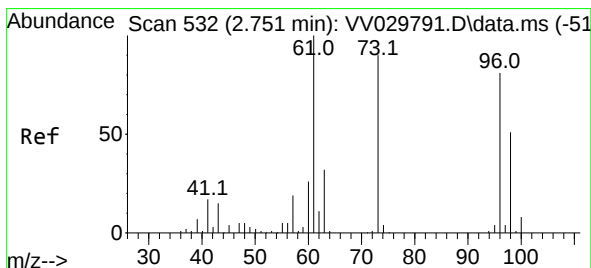
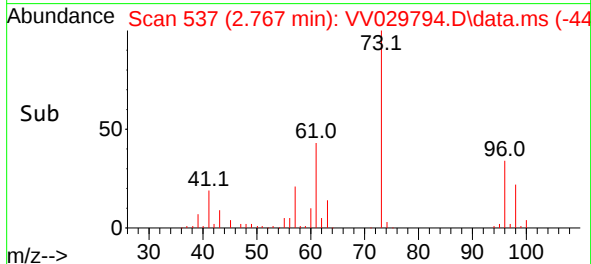
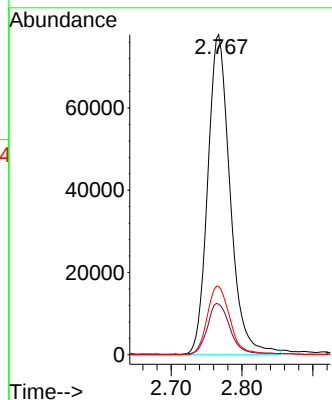
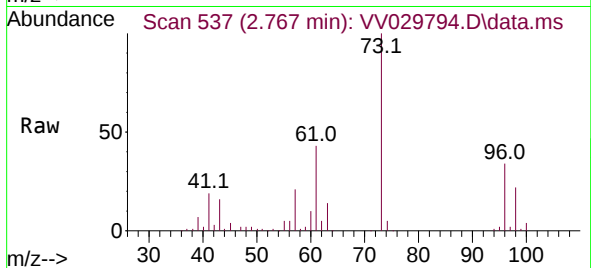




#17
Methyl tert-butyl Ether
Concen: 5.382 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

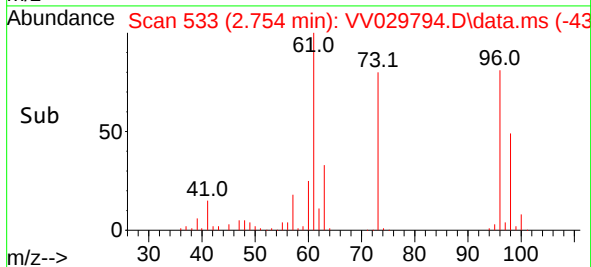
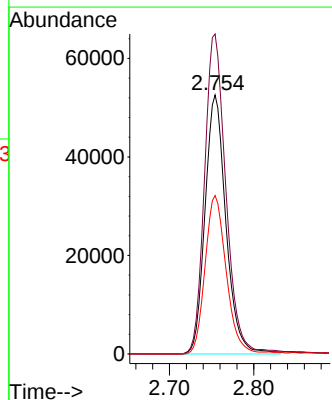
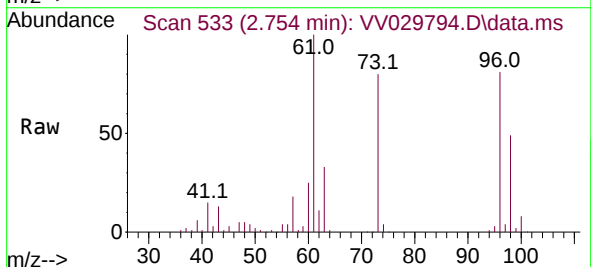
Instrument :
MSVOA_V
ClientSampleId :

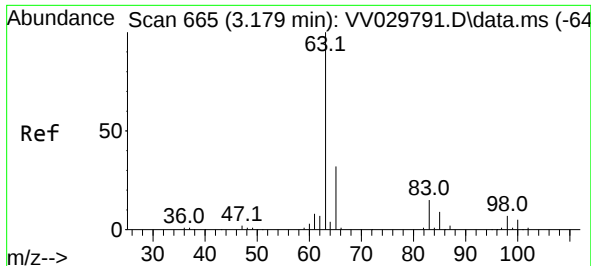
Tgt Ion: 73 Resp: 170938
Ion Ratio Lower Upper
73 100
43 15.9 13.0 19.4
57 21.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion: 96 Resp: 90990
Ion Ratio Lower Upper
96 100
61 123.6 86.1 159.9
98 61.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.236 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

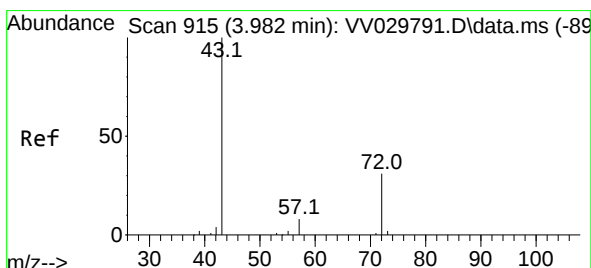
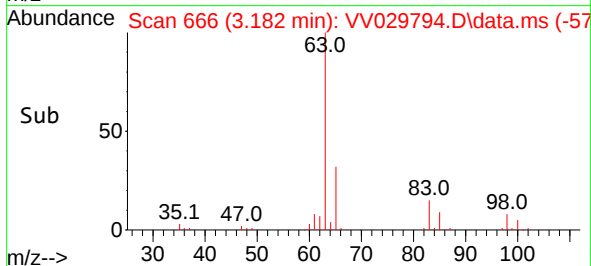
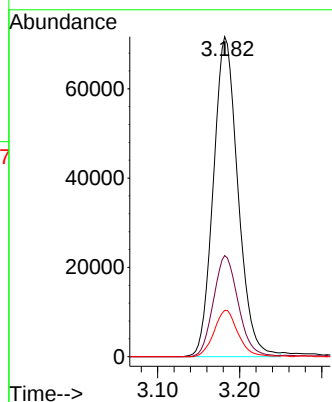
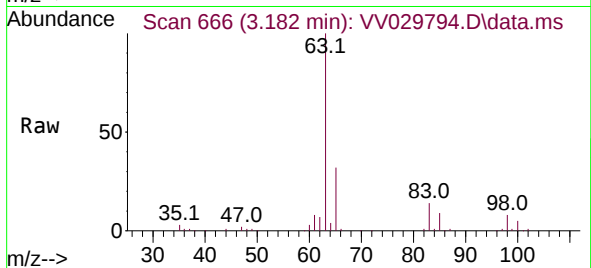
Tgt Ion: 63 Resp: 149545

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 47.922 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.013 min

Lab File: VV029794.D

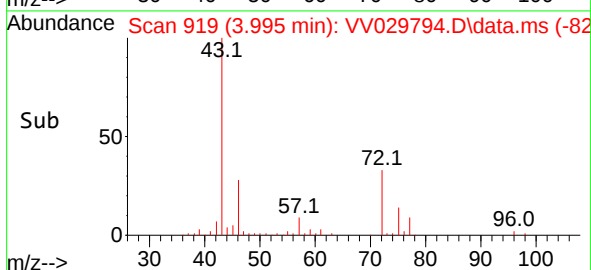
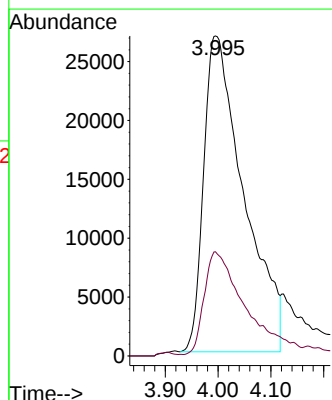
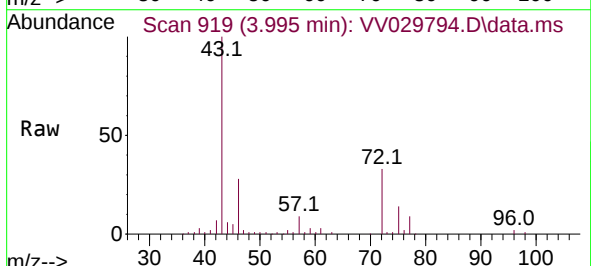
Acq: 12 Jan 2023 18:54

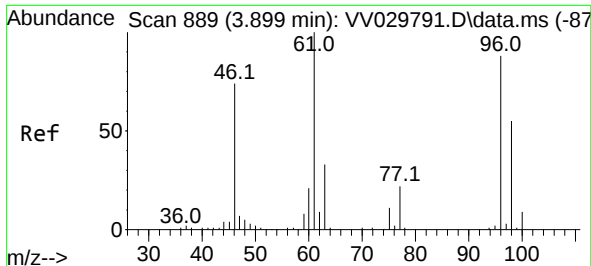
Tgt Ion: 43 Resp: 141700

Ion Ratio Lower Upper

43 100

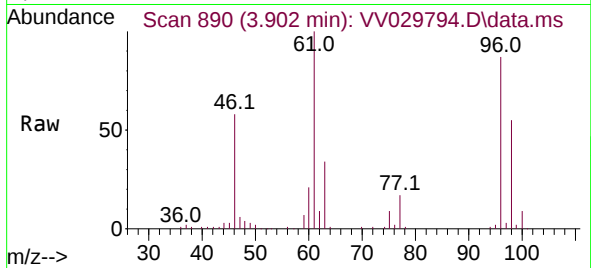
72 33.3 13.9 41.6



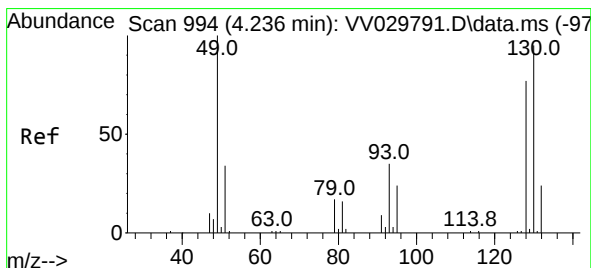
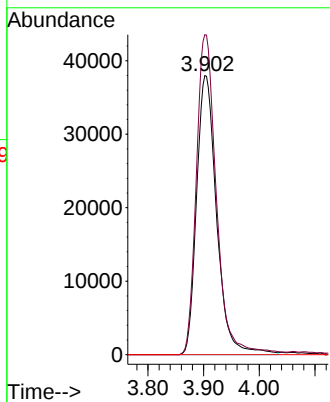
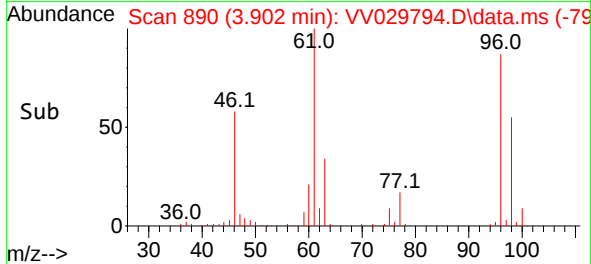


#22
 cis-1,2-Dichloroethene
 Concen: 5.226 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54

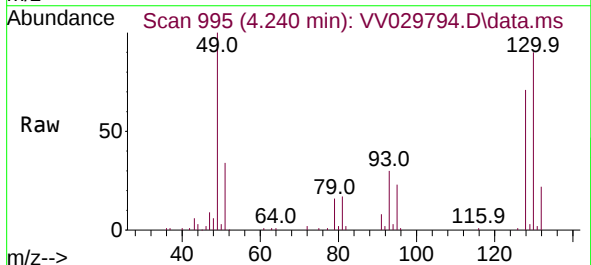
Instrument :
 MSVOA_V
 ClientSampleId :



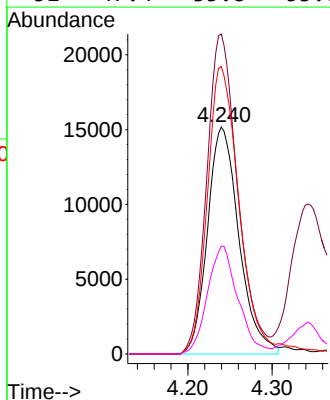
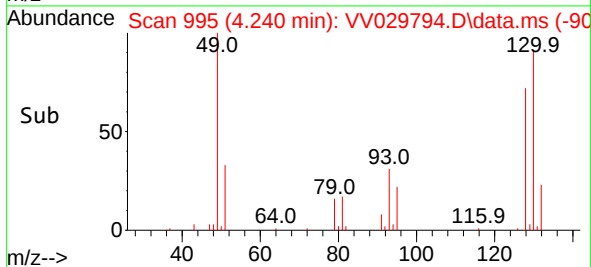
Tgt Ion: 96 Resp: 95085
 Ion Ratio Lower Upper
 96 100
 61 114.7 80.0 148.6
 68 0.0 0.0 0.0

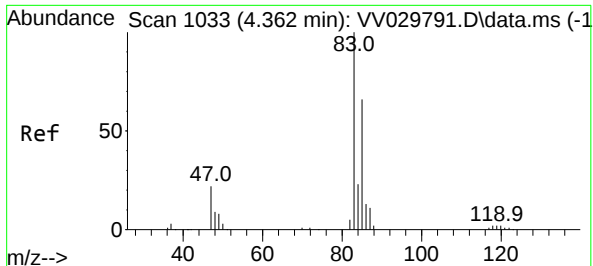


#23
 Bromochloromethane
 Concen: 5.237 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.003 min
 Lab File: VV029794.D
 Acq: 12 Jan 2023 18:54



Tgt Ion: 128 Resp: 39345
 Ion Ratio Lower Upper
 128 100
 49 140.9 91.2 169.4
 130 126.7 87.0 161.6
 51 47.4 35.8 53.6





#25

Chloroform

Concen: 5.029 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

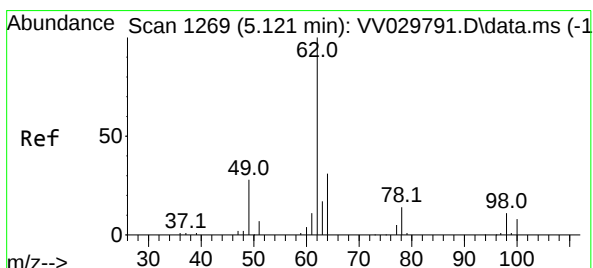
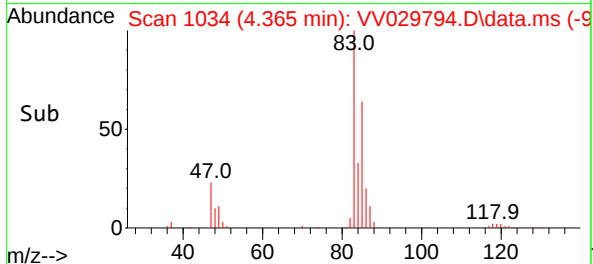
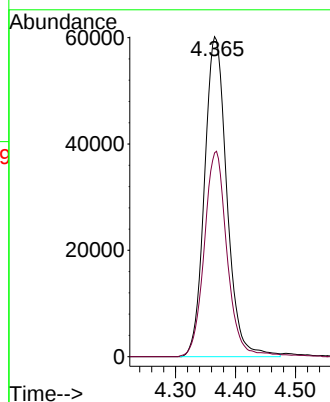
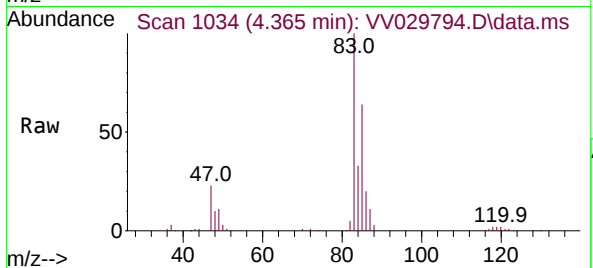
ClientSampleId :

Tgt Ion: 83 Resp: 156132

Ion Ratio Lower Upper

83 100

85 63.7 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.295 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029794.D

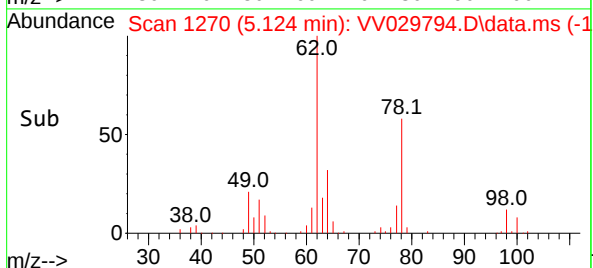
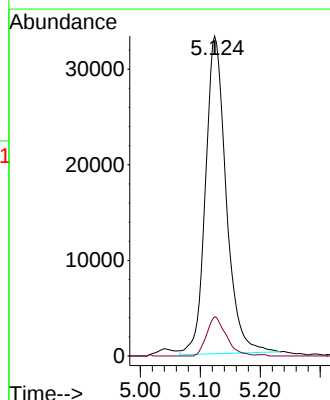
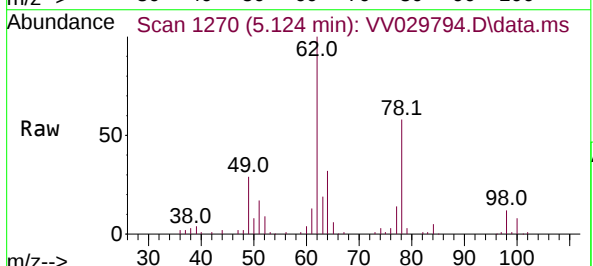
Acq: 12 Jan 2023 18:54

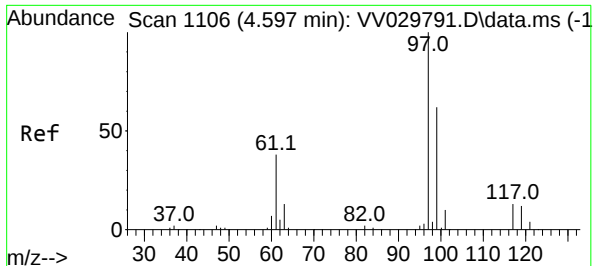
Tgt Ion: 62 Resp: 79883

Ion Ratio Lower Upper

62 100

98 12.2 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 5.148 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

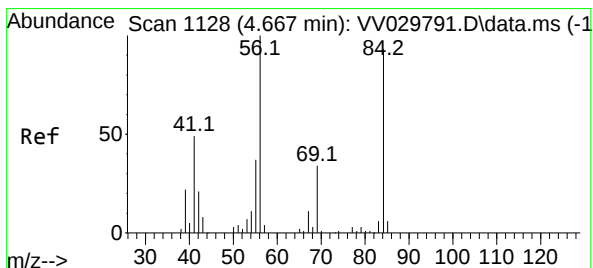
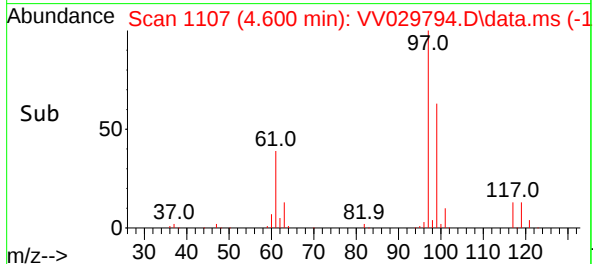
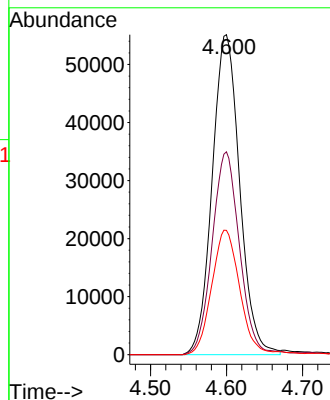
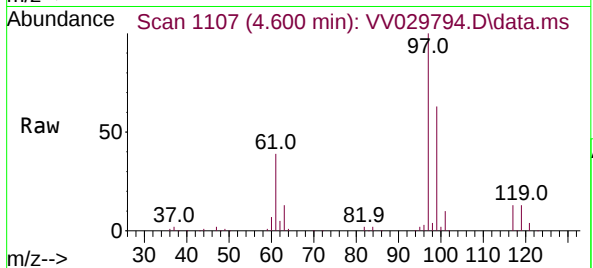
Tgt Ion: 97 Resp: 138715

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 39.9 31.6 47.4



#30

Cyclohexane

Concen: 5.406 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

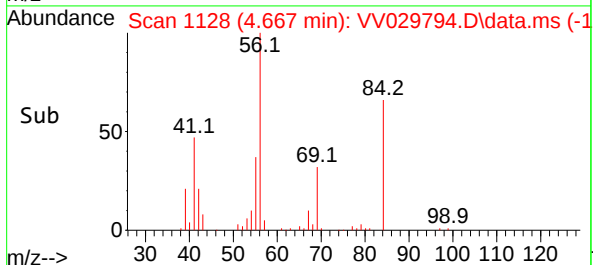
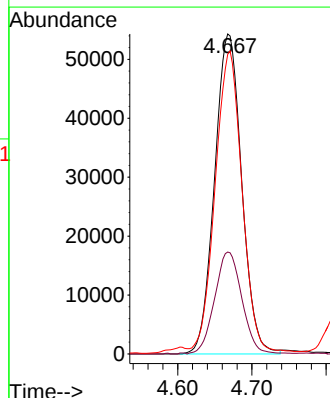
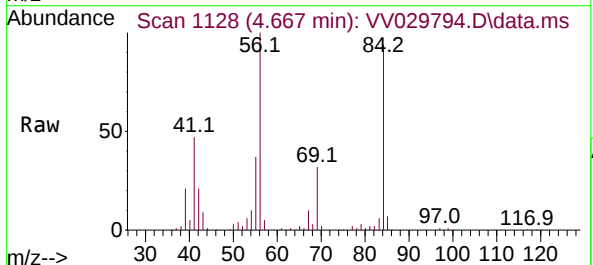
Tgt Ion: 56 Resp: 137898

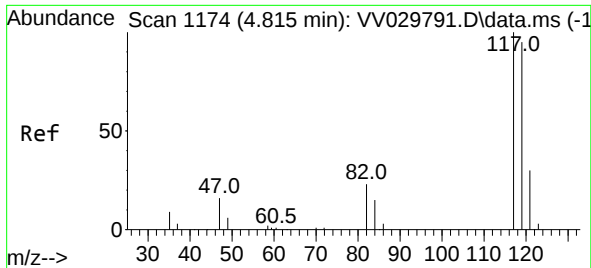
Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

84 94.3 73.8 110.8

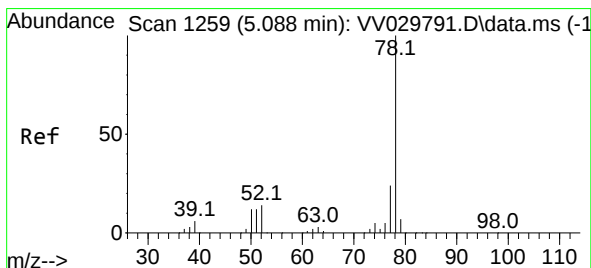
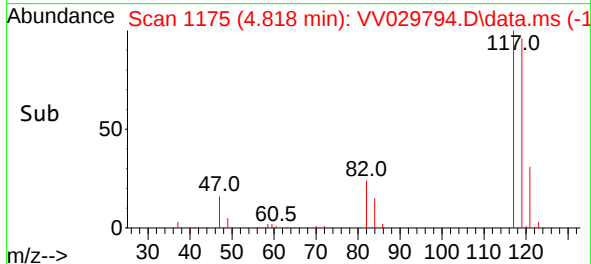
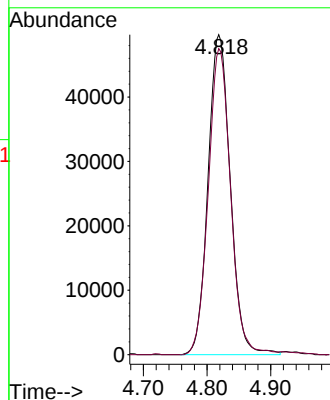
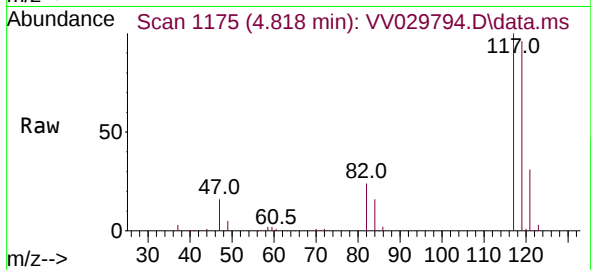




#31
Carbon tetrachloride
Concen: 5.158 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

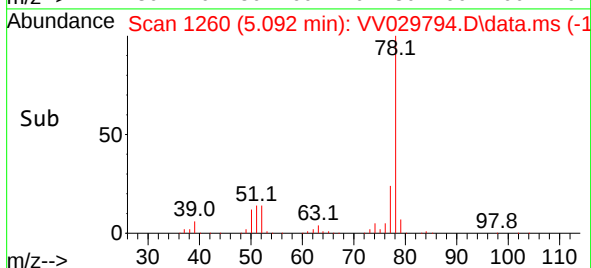
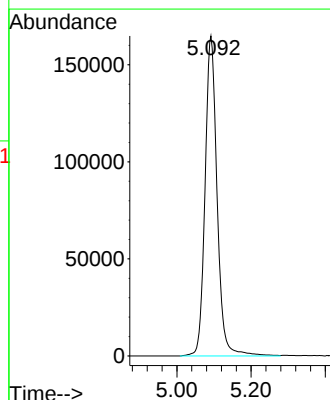
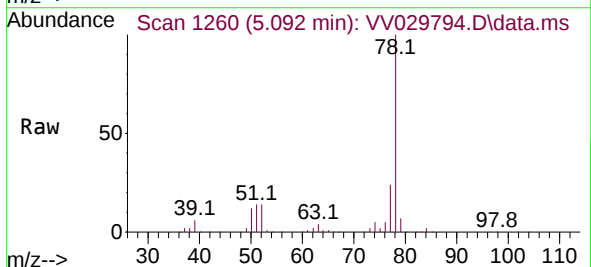
Instrument :
MSVOA_V
ClientSampleId :

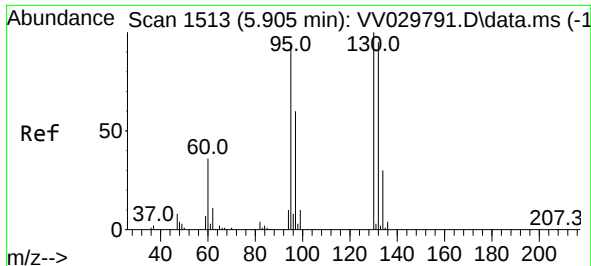
Tgt Ion:117 Resp: 120926
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.407 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion: 78 Resp: 370987





#34

Trichloroethene

Concen: 5.299 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 92128

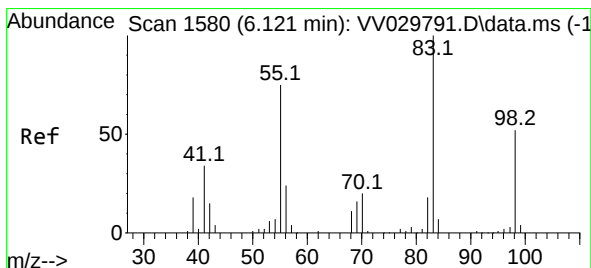
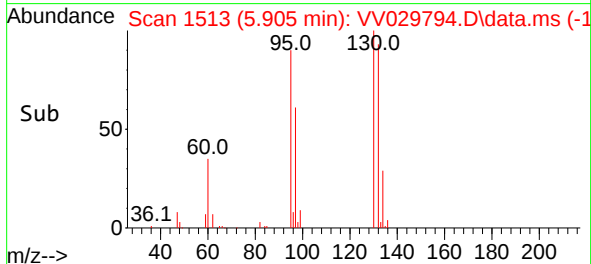
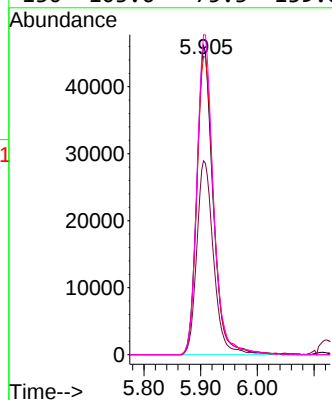
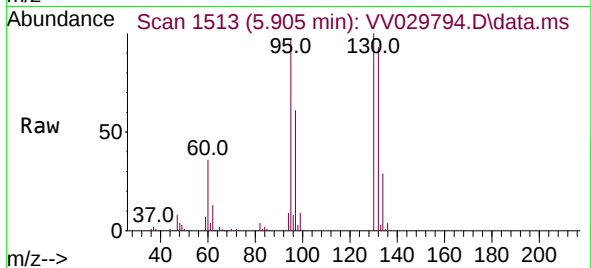
Ion Ratio Lower Upper

95 100

97 62.8 44.9 83.3

132 96.6 71.8 133.4

130 103.6 75.3 139.8



#35

Methylcyclohexane

Concen: 5.382 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

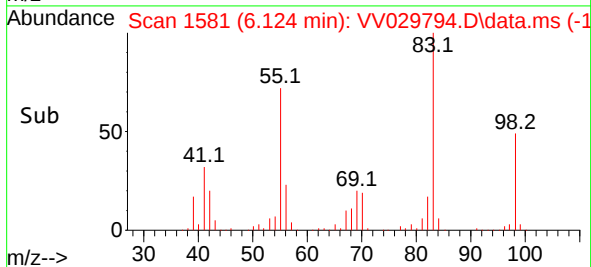
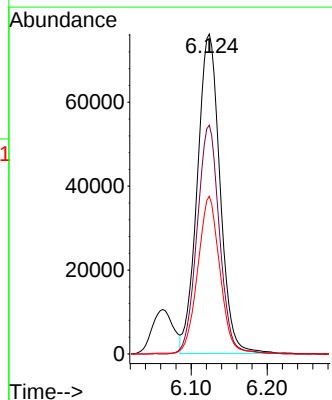
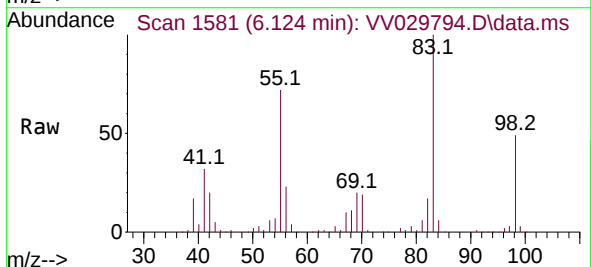
Tgt Ion: 83 Resp: 157991

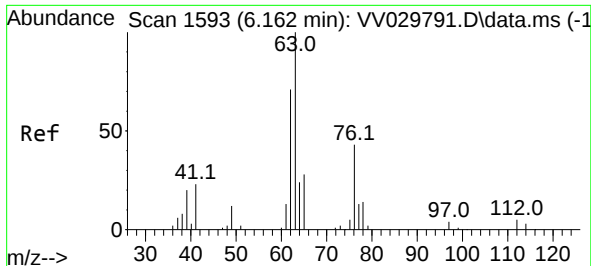
Ion Ratio Lower Upper

83 100

55 70.8 57.3 85.9

98 48.4 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.389 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

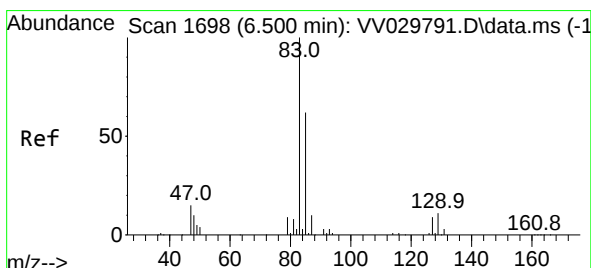
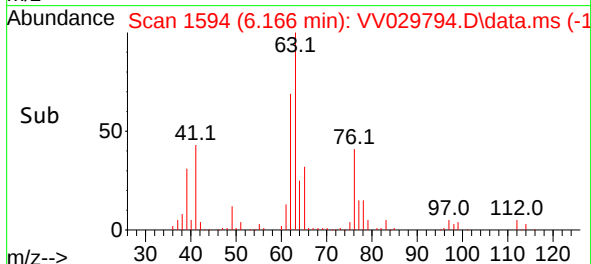
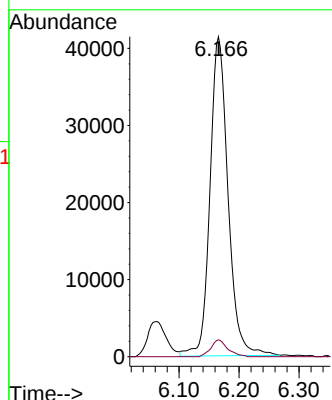
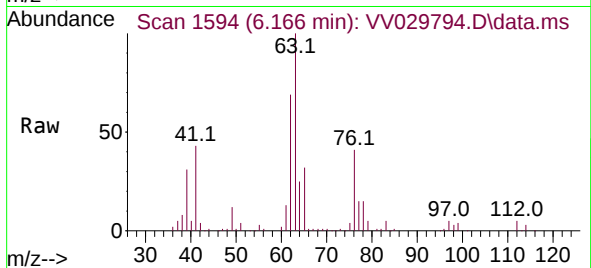
ClientSampleId :

Tgt Ion: 63 Resp: 86586

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.260 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

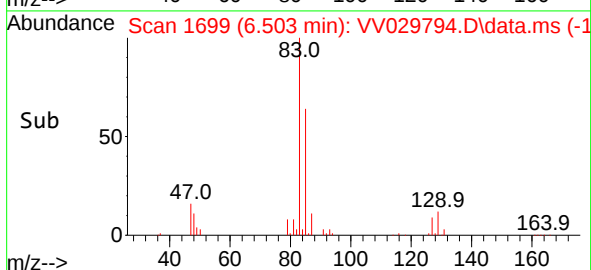
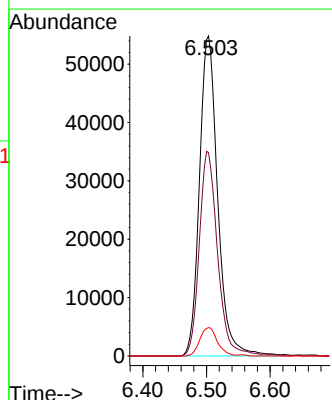
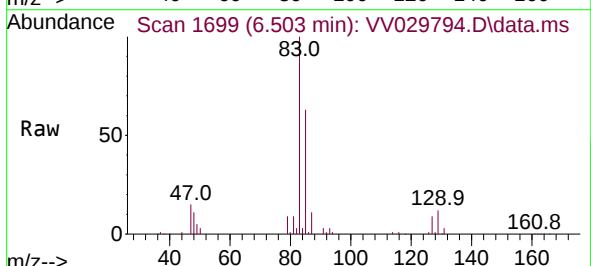
Tgt Ion: 83 Resp: 109305

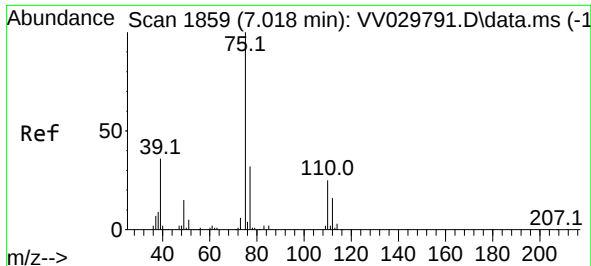
Ion Ratio Lower Upper

83 100

85 63.5 43.2 80.2

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.374 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

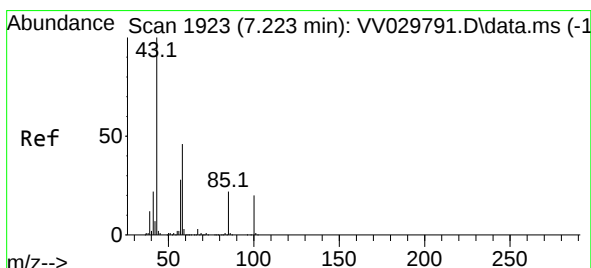
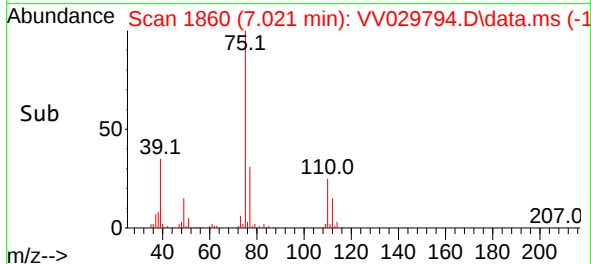
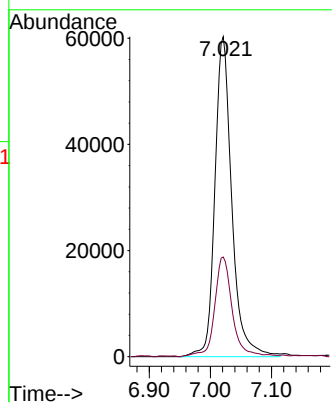
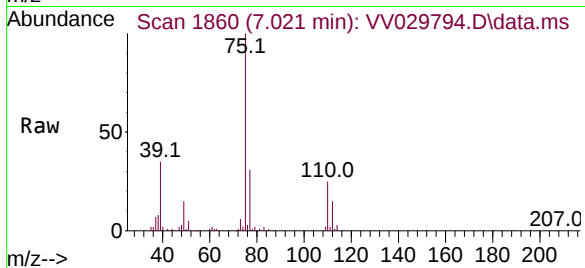
ClientSampleId :

Tgt Ion: 75 Resp: 115788

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 56.354 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

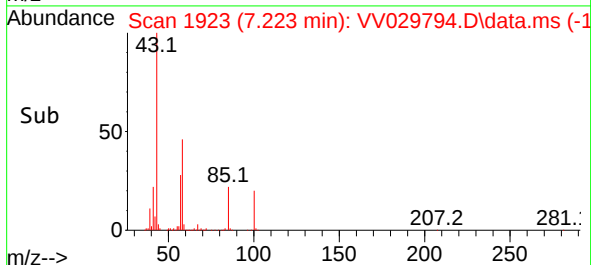
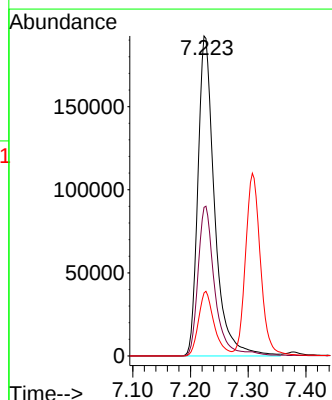
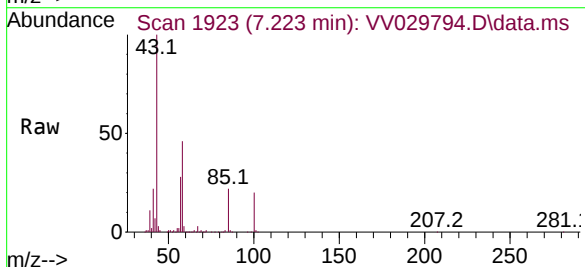
Tgt Ion: 43 Resp: 386389

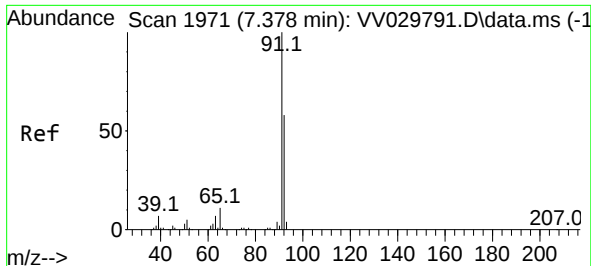
Ion Ratio Lower Upper

43 100

58 46.1 36.7 55.1

100 19.0 15.6 23.4





#42

Toluene

Concen: 5.503 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

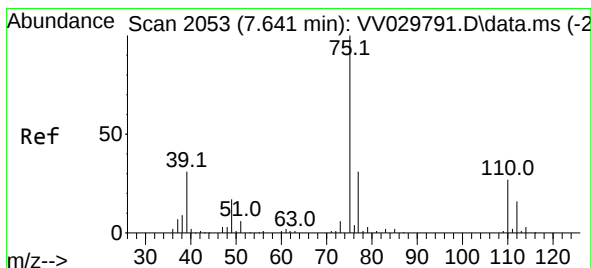
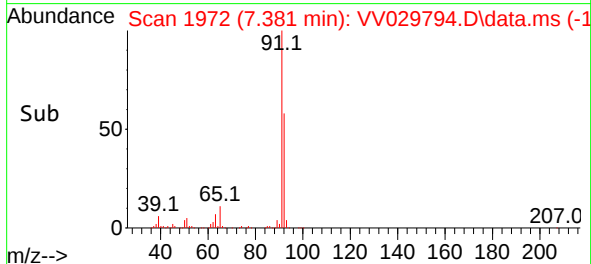
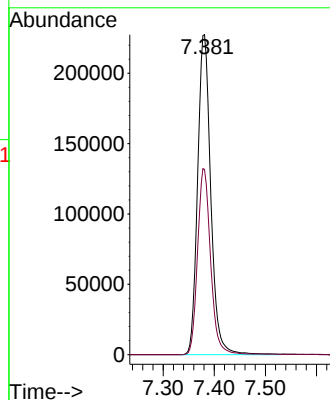
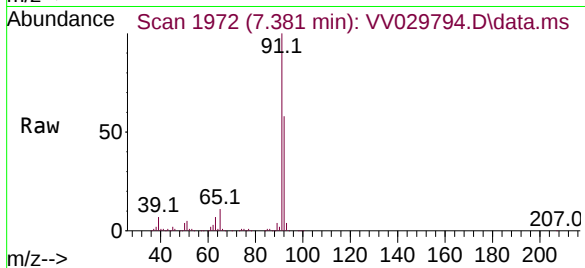
ClientSampleId :

Tgt Ion: 91 Resp: 407193

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.410 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029794.D

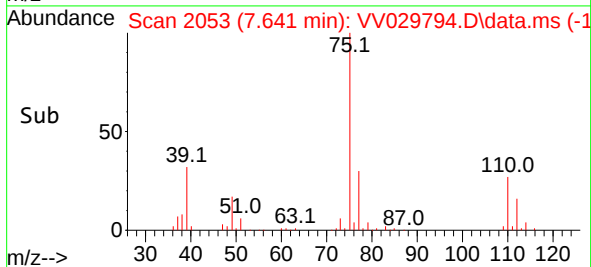
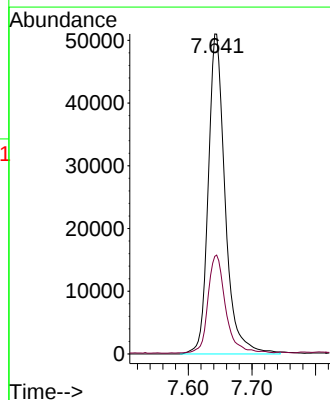
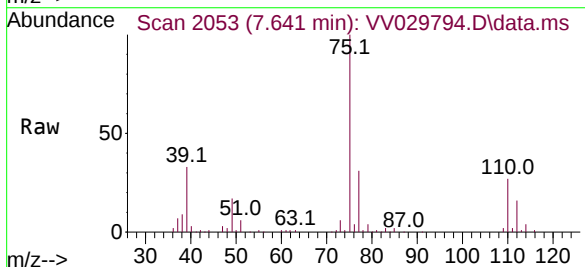
Acq: 12 Jan 2023 18:54

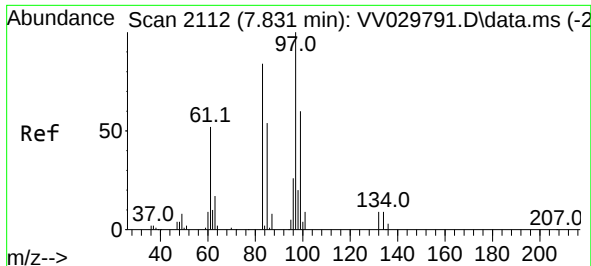
Tgt Ion: 75 Resp: 93934

Ion Ratio Lower Upper

75 100

77 30.5 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 5.176 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.000 min

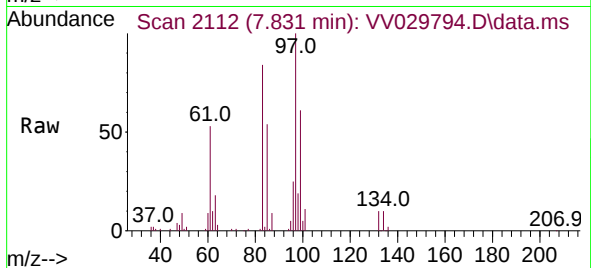
Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 59921

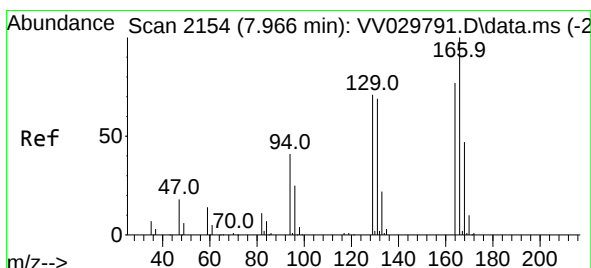
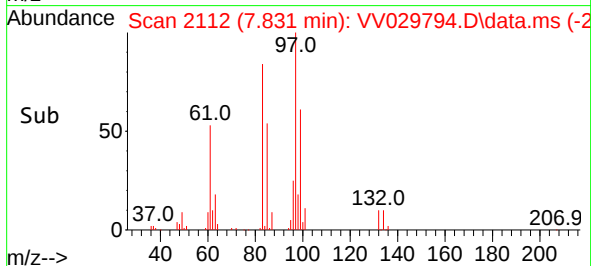
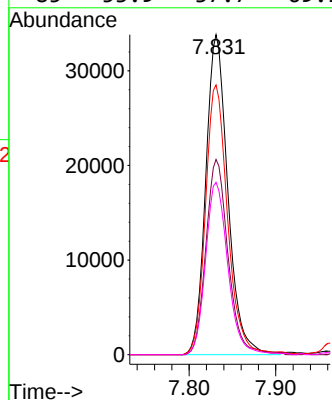
Ion Ratio Lower Upper

97 100

99 61.0 41.9 77.7

83 84.3 58.7 109.1

85 53.9 37.7 69.9



#47

Tetrachloroethene

Concen: 5.242 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Tgt Ion: 164 Resp: 76726

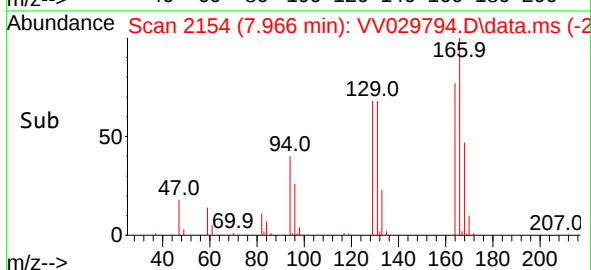
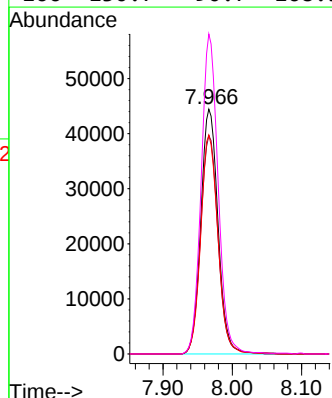
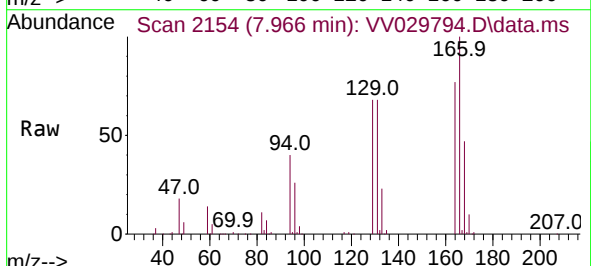
Ion Ratio Lower Upper

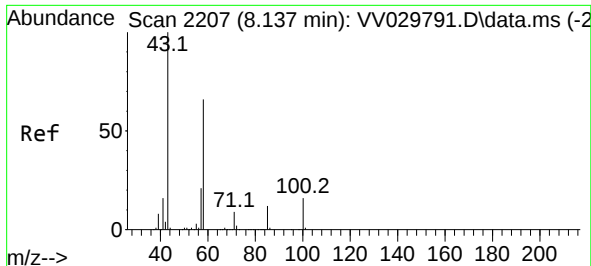
164 100

129 89.2 64.5 119.7

131 89.4 62.9 116.7

166 130.7 90.7 168.5

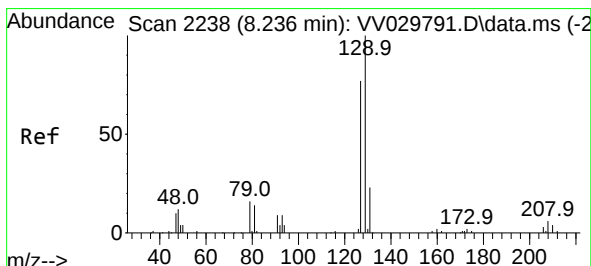
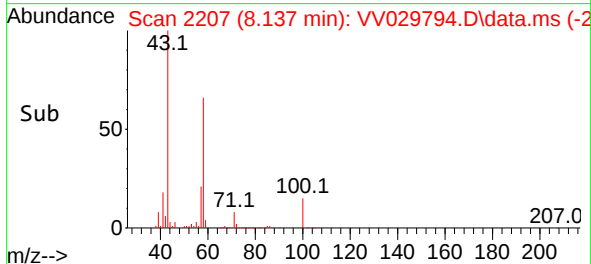
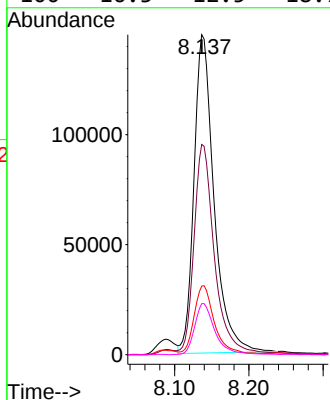
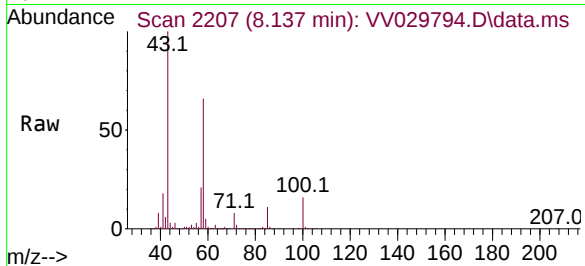




#48
2-Hexanone
Concen: 55.644 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

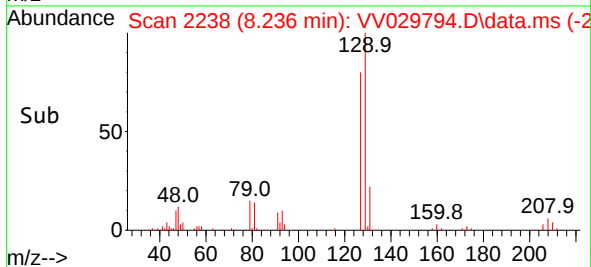
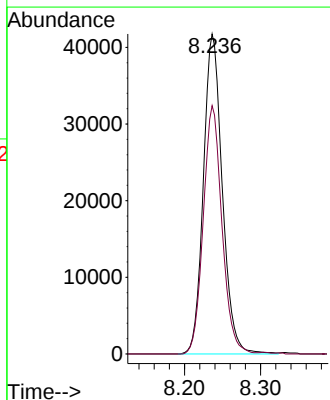
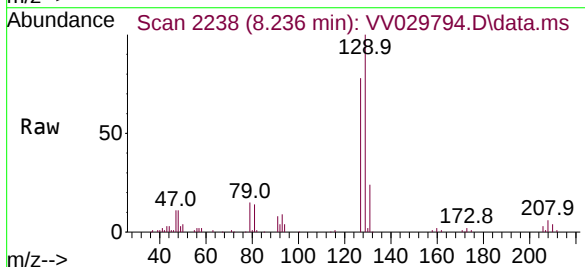
Instrument :
MSVOA_V
ClientSampleId :

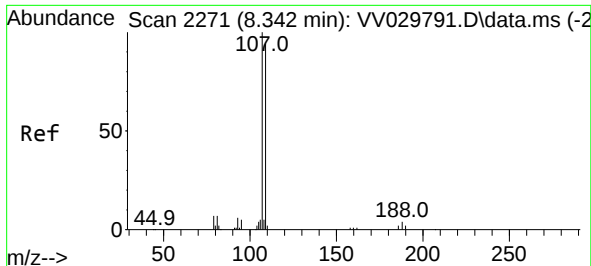
Tgt Ion: 43 Resp: 272697
Ion Ratio Lower Upper
43 100
58 67.1 51.4 77.2
57 22.3 17.0 25.6
100 16.3 12.5 18.7



#49
Dibromochloromethane
Concen: 5.303 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion: 129 Resp: 72042
Ion Ratio Lower Upper
129 100
127 77.6 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.286 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029794.D

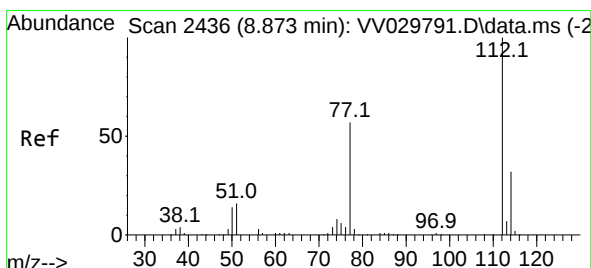
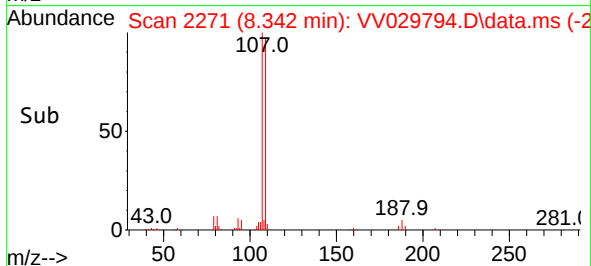
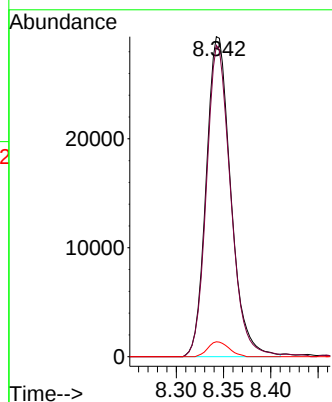
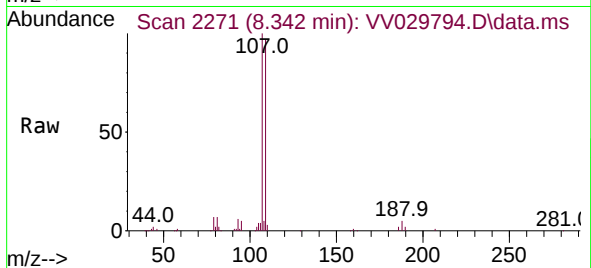
Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	53117
Ion Ratio	Lower	Upper
107	100	
109	97.3	66.1 122.7
188	4.7	2.9 4.3#



#51

Chlorobenzene

Concen: 5.267 ug/L

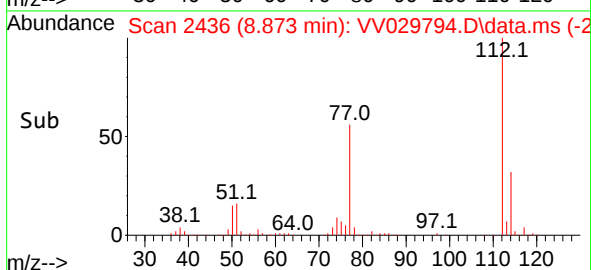
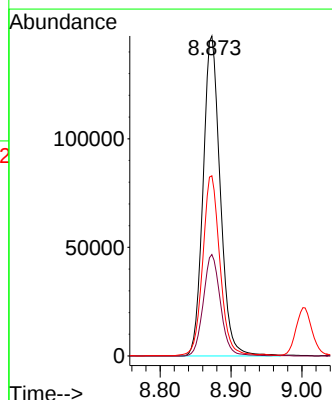
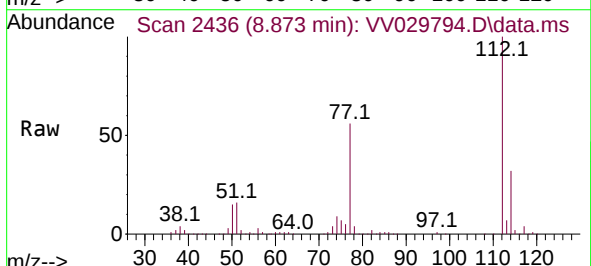
RT: 8.873 min Scan# 2436

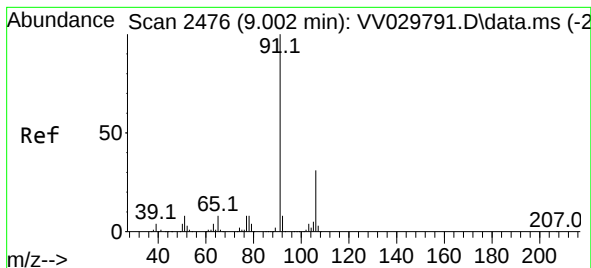
Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Tgt Ion:112	Resp:	247444
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.5 41.9
77	56.3	46.1 69.1





#52

Ethylbenzene

Concen: 5.332 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

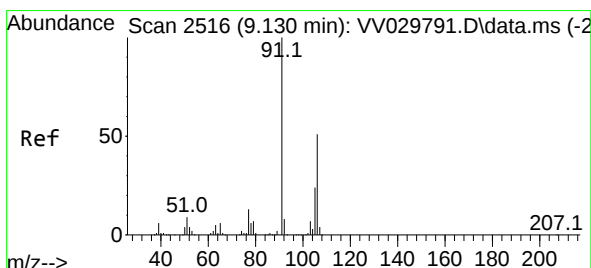
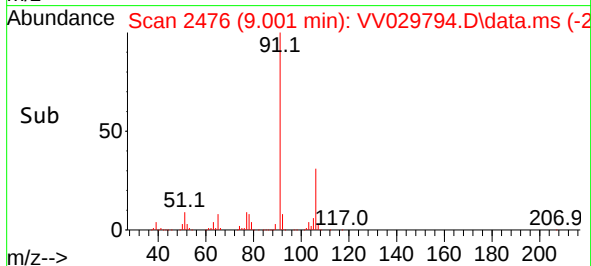
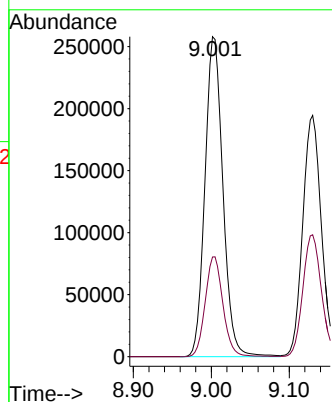
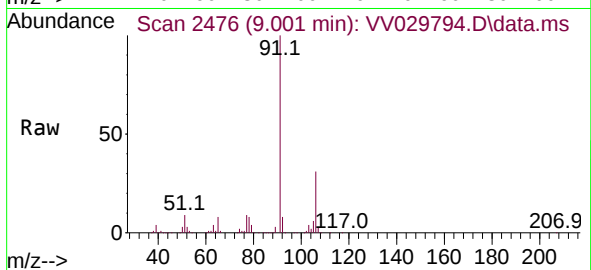
ClientSampleId :

Tgt Ion: 91 Resp: 412922

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 5.416 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029794.D

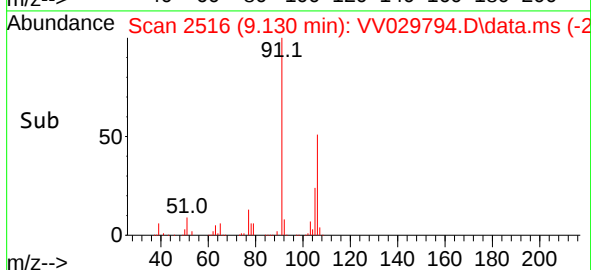
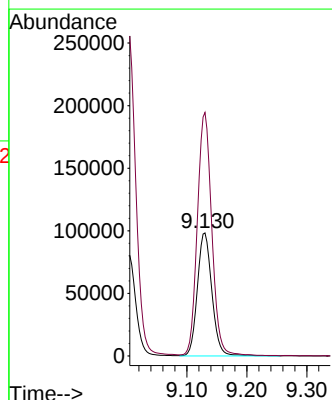
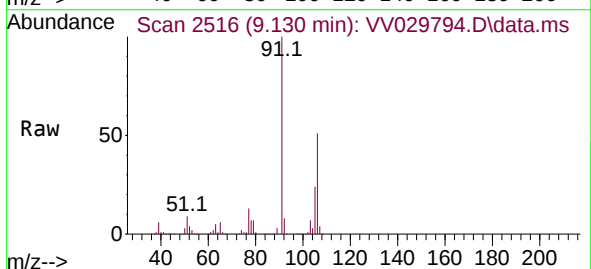
Acq: 12 Jan 2023 18:54

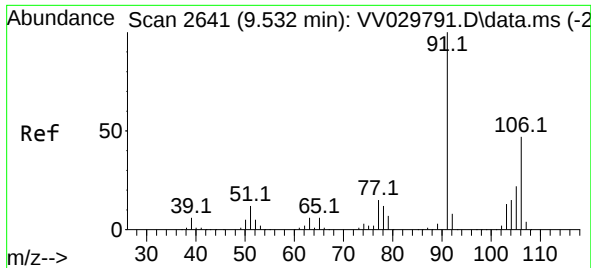
Tgt Ion:106 Resp: 166010

Ion Ratio Lower Upper

106 100

91 197.9 138.7 257.7

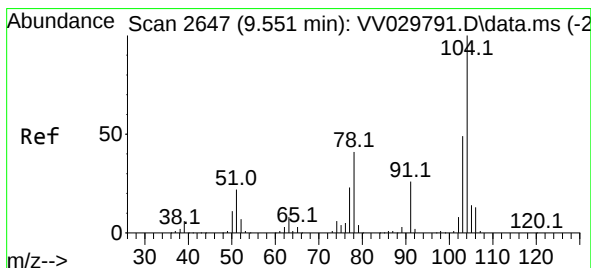
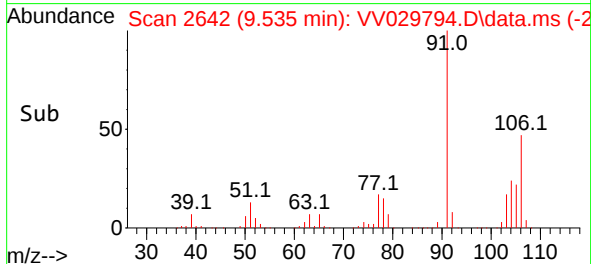
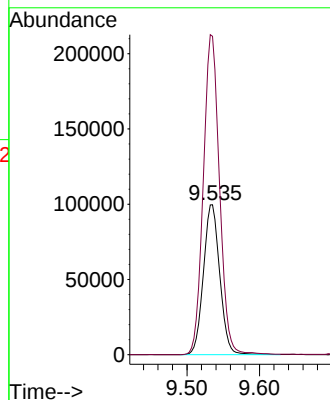
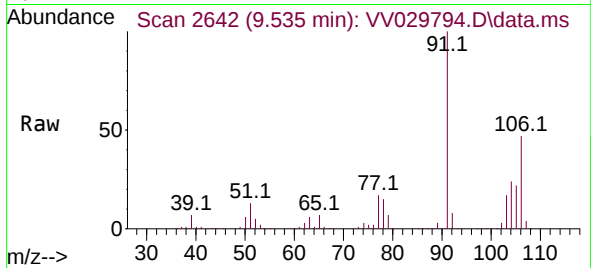




#54
o-Xylene
Concen: 5.369 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

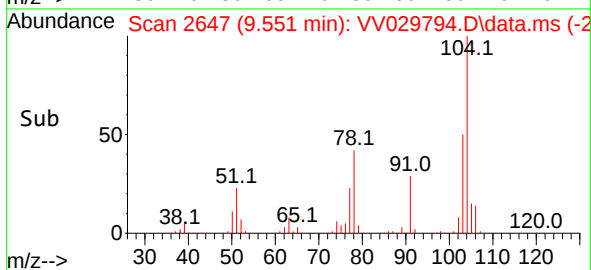
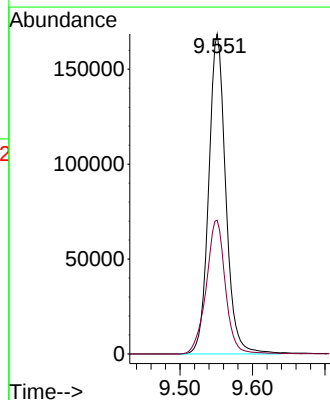
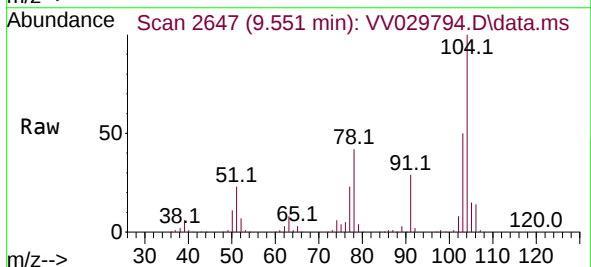
Instrument :
MSVOA_V
ClientSampleId :

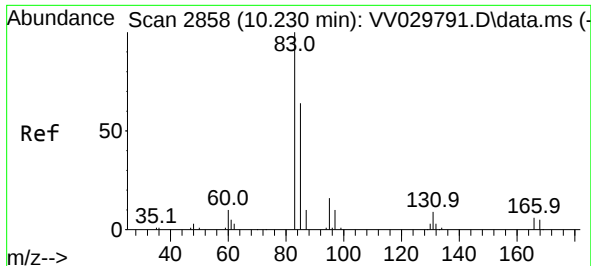
Tgt Ion:106 Resp: 156203
Ion Ratio Lower Upper
106 100
91 212.4 147.7 274.3



#55
Styrene
Concen: 5.507 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion:104 Resp: 275536
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.506 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

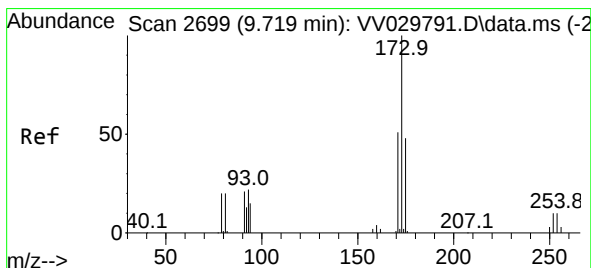
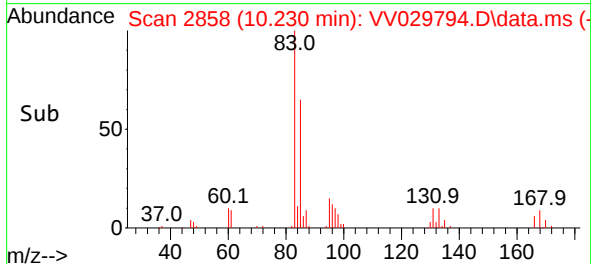
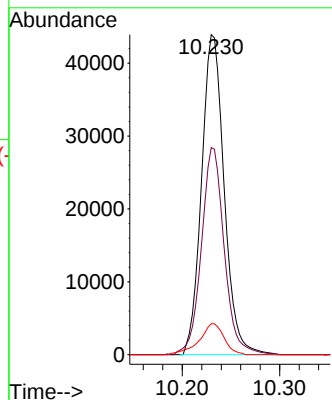
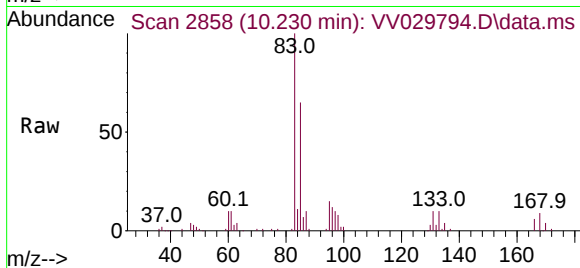
Tgt Ion: 83 Resp: 70803

Ion Ratio Lower Upper

83 100

85 64.7 46.0 85.4

131 9.7 8.4 12.6



#59

Bromoform

Concen: 5.265 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

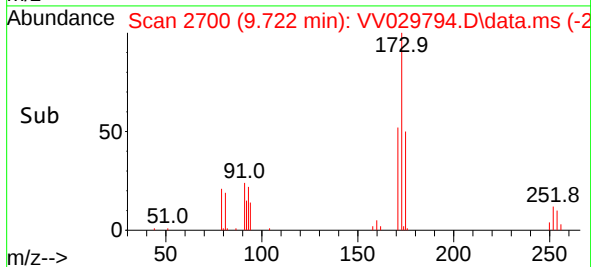
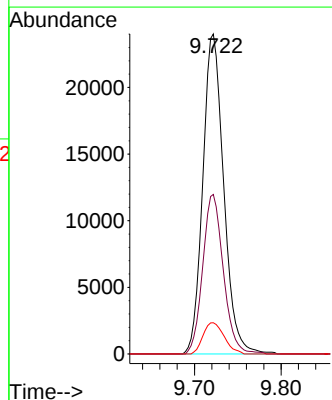
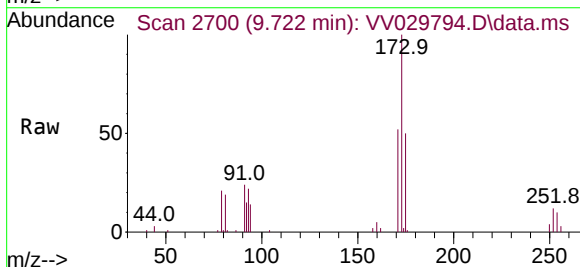
Tgt Ion: 173 Resp: 40214

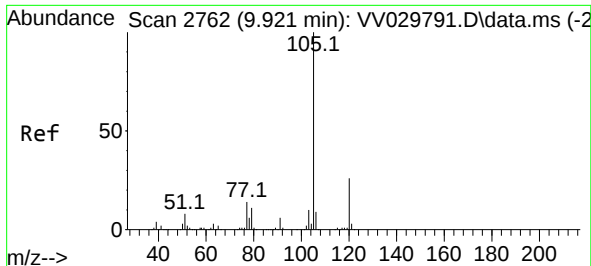
Ion Ratio Lower Upper

173 100

175 49.2 38.6 57.8

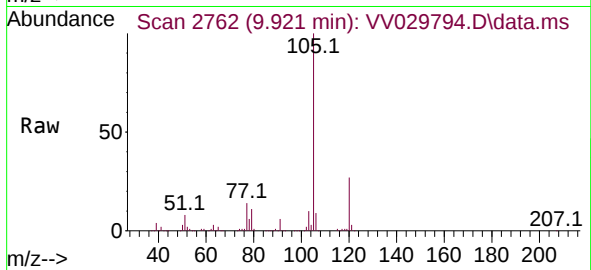
254 9.9 7.9 11.9



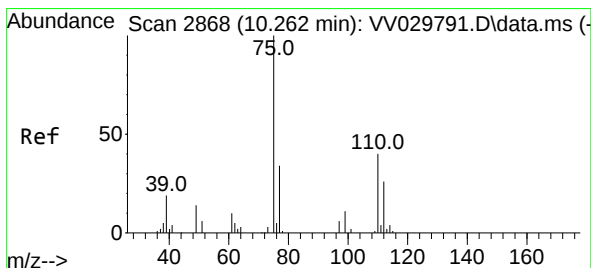
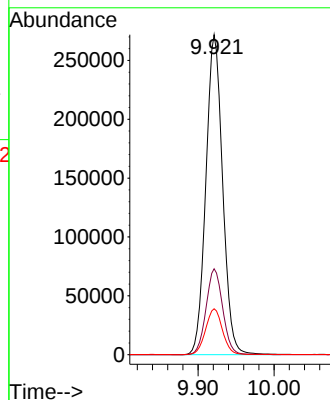
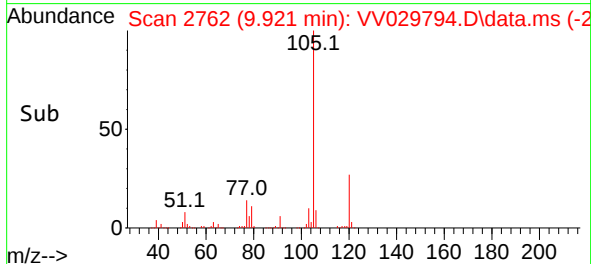


#60
Isopropylbenzene
Concen: 5.521 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Instrument :
MSVOA_V
ClientSampleId :

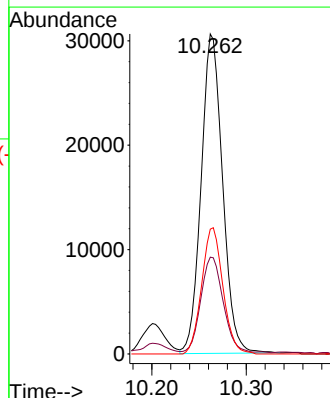
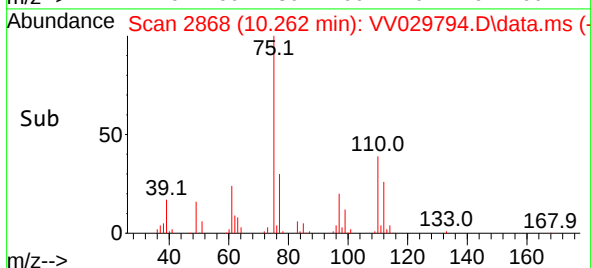
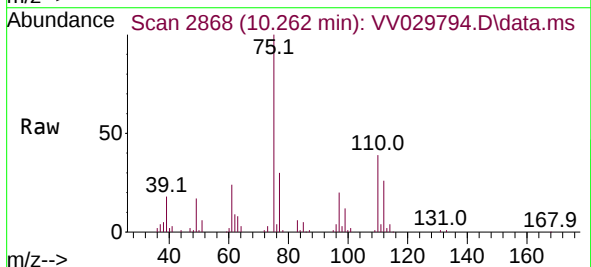


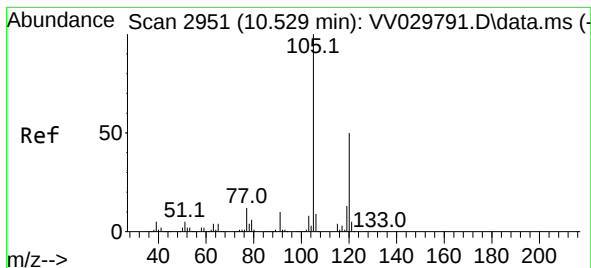
Tgt Ion:105 Resp: 416174
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.525 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion: 75 Resp: 48241
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7
110 39.1 31.8 47.8

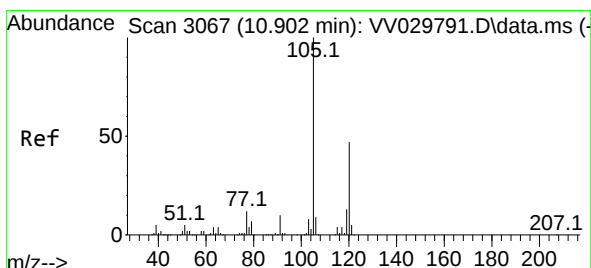
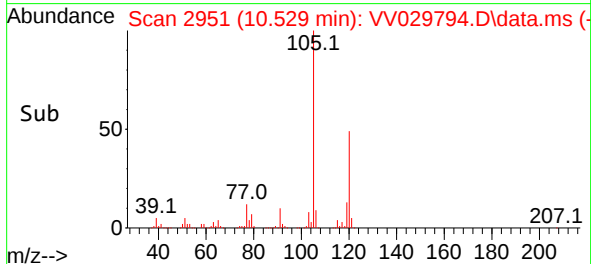
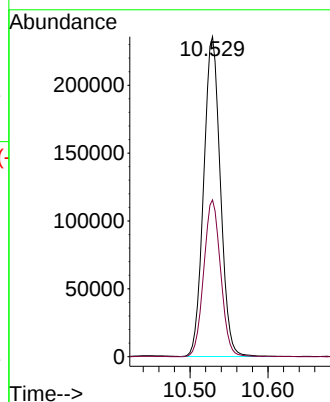
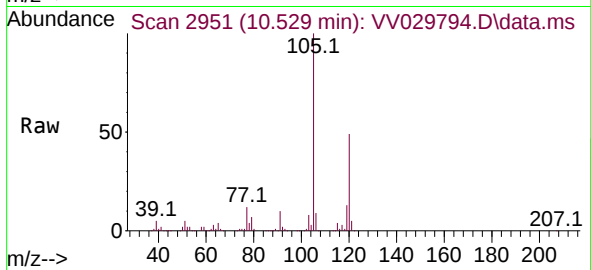




#62
1,3,5-Trimethylbenzene
Concen: 5.427 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

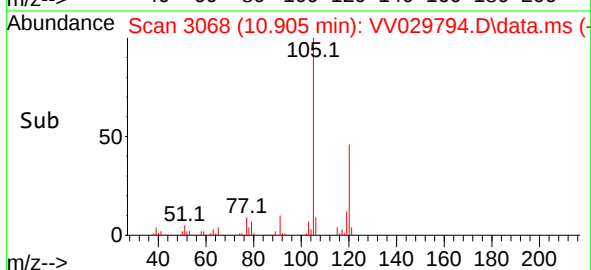
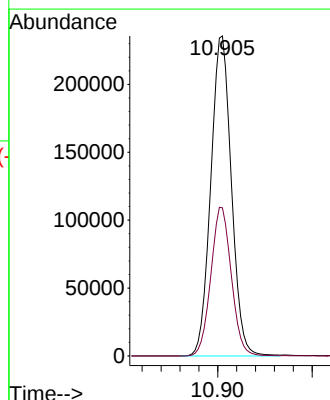
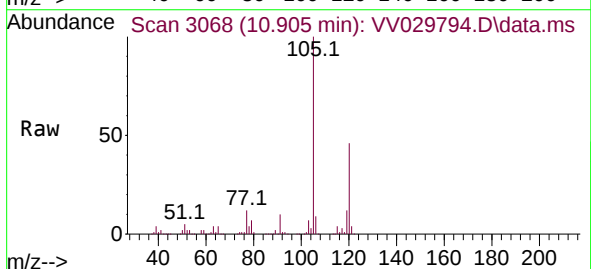
Instrument :
MSVOA_V
ClientSampleId :

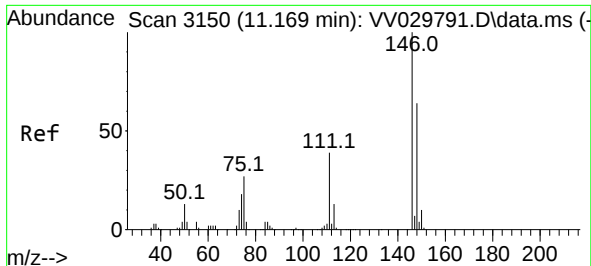
Tgt Ion:105 Resp: 350573
Ion Ratio Lower Upper
105 100
120 49.6 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.532 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion:105 Resp: 356363
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0

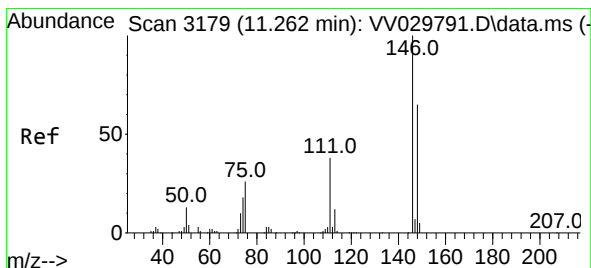
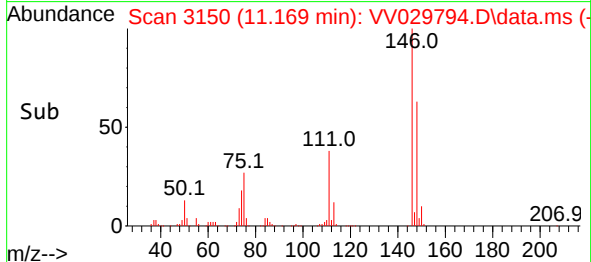
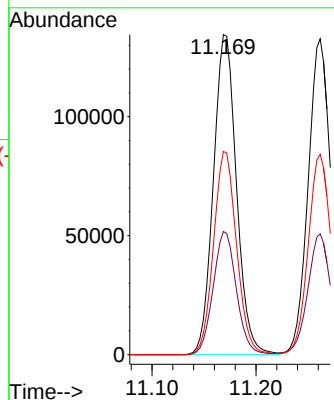
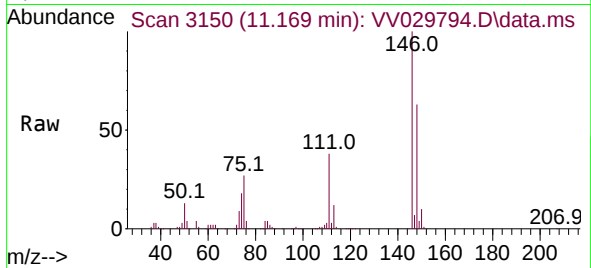




#64
1,3-Dichlorobenzene
Concen: 5.425 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

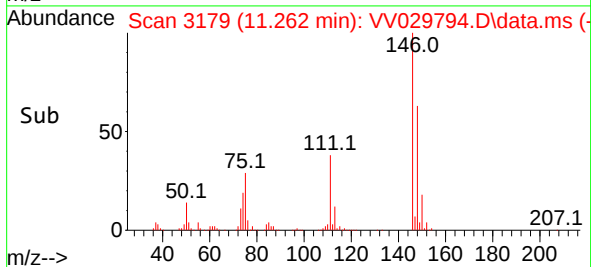
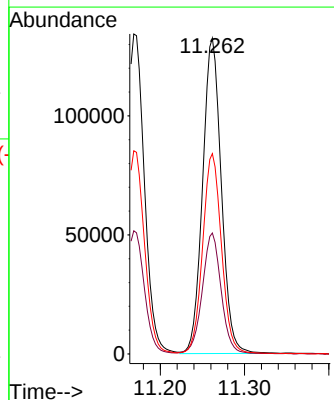
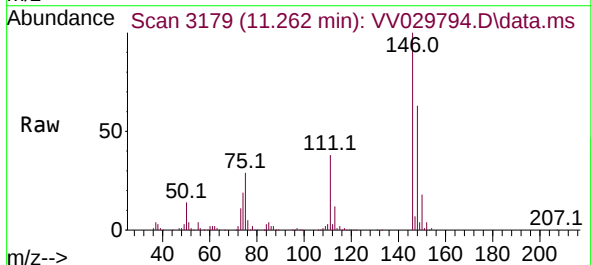
Instrument :
MSVOA_V
ClientSampleId :

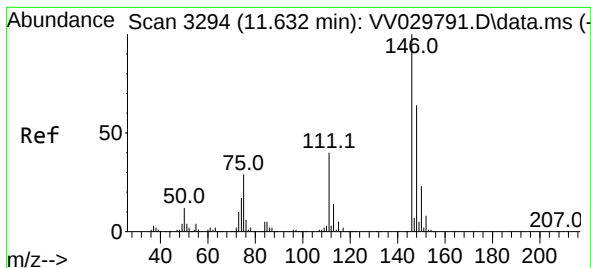
Tgt Ion:146 Resp: 207655
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.6
148 63.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.370 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion:146 Resp: 204893
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 63.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.508 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

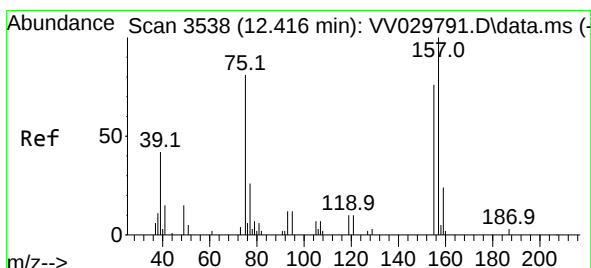
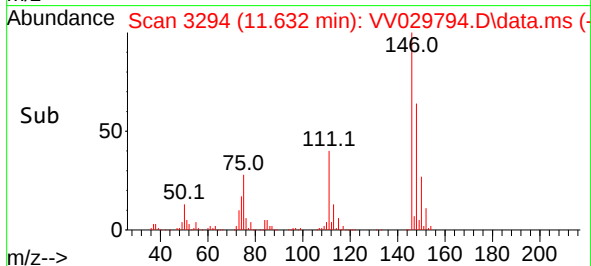
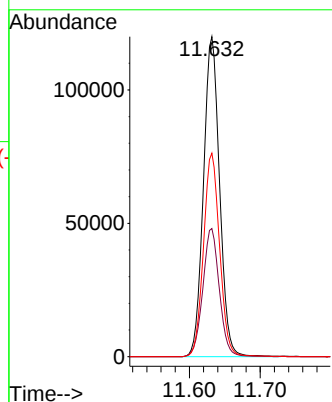
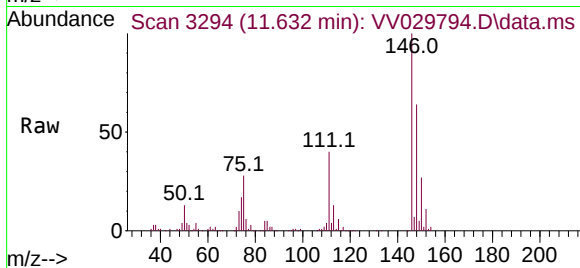
Tgt Ion:146 Resp: 189521

Ion Ratio Lower Upper

146 100

111 40.1 31.8 47.8

148 63.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.337 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

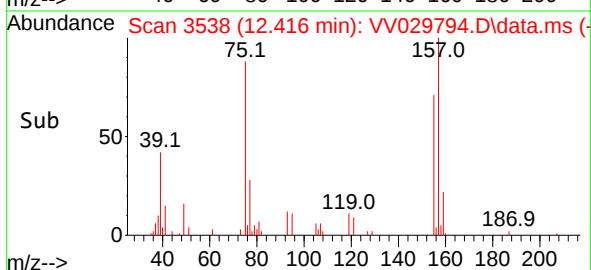
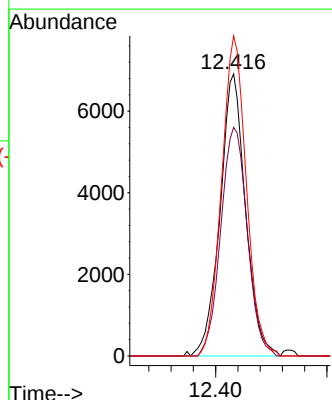
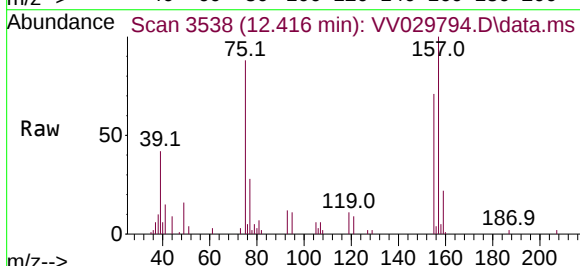
Tgt Ion: 75 Resp: 11021

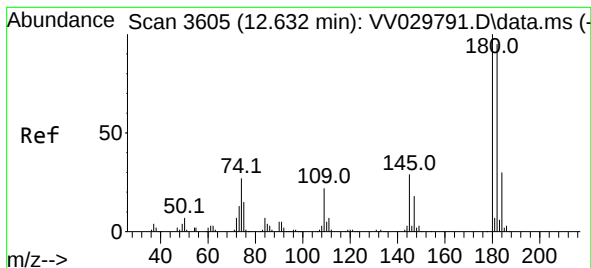
Ion Ratio Lower Upper

75 100

155 81.1 75.5 113.3

157 113.5 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 5.428 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. -0.000 min

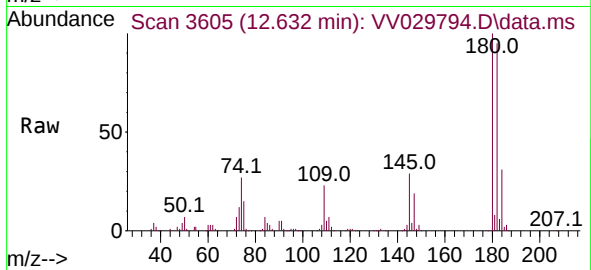
Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 167233

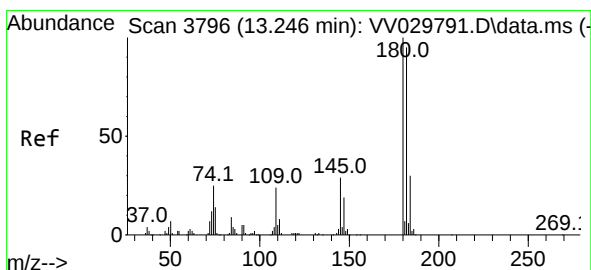
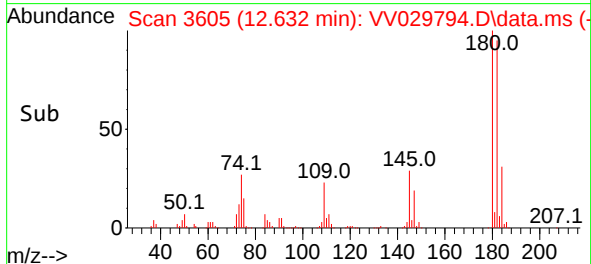
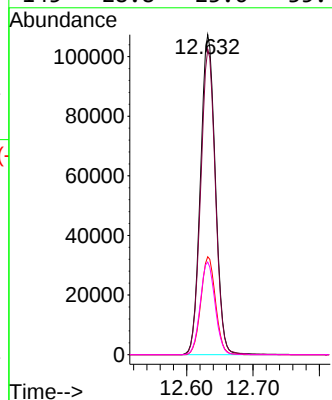
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 30.1 23.9 35.9

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.379 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.003 min

Lab File: VV029794.D

Acq: 12 Jan 2023 18:54

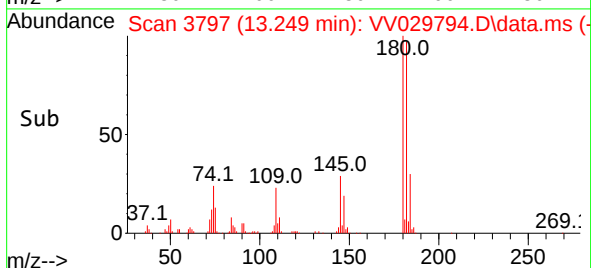
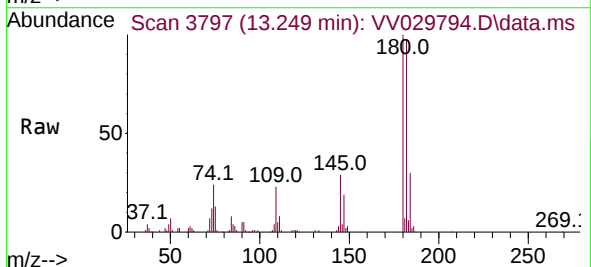
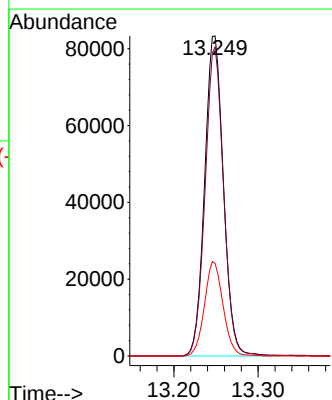
Tgt Ion:180 Resp: 129514

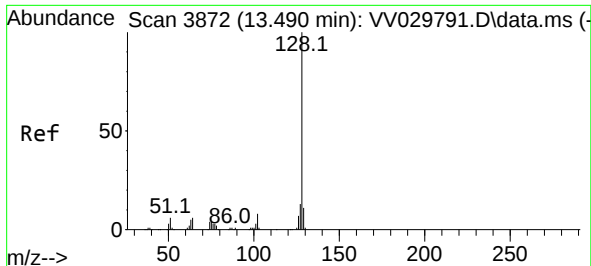
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 29.2 23.7 35.5

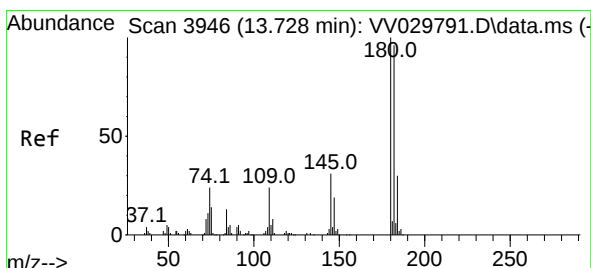
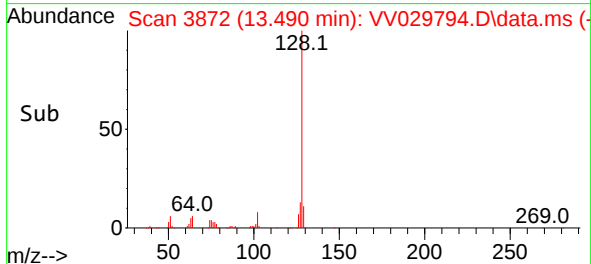
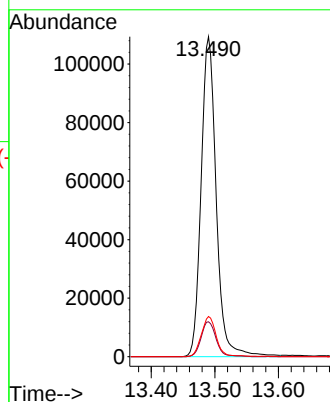
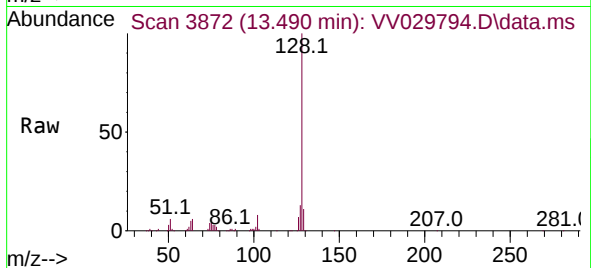




#71
Naphthalene
Concen: 5.778 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 180216
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.317 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029794.D
Acq: 12 Jan 2023 18:54

Tgt Ion:180 Resp: 106252
Ion Ratio Lower Upper
180 100
182 97.2 75.5 113.3
145 31.9 25.0 37.6

