

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
 Data File : VW029789.D
 Acq On : 12 Jan 2023 16:25
 Operator : SY/MD
 Sample : VSTD0.516
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 21:47:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	210272	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	200661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	105449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7387	0.549	ug/L	0.00
7) Chloroethane-d5	1.564	69	6310	0.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	14245	0.644	ug/L	0.00
20) 2-Butanone-d5	3.912	46	4262	1.866	ug/L	0.01
24) Chloroform-d	4.339	84	13784	0.573	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	5516	0.524	ug/L	0.00
32) Benzene-d6	5.043	84	25982	0.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	7787	0.494	ug/L	0.00
41) Toluene-d8	7.307	98	23769	0.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	2691	0.450	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	8585	3.869	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	5663	0.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	9180	0.502	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7746	0.463	ug/L	100
3) Chloromethane	1.240	50	8454	0.529	ug/L	99
5) Vinyl chloride	1.307	62	7966	0.505	ug/L	99
6) Bromomethane	1.519	94	3906	0.423	ug/L	99
8) Chloroethane	1.580	64	4938	0.523	ug/L	87
9) Trichlorofluoromethane	1.751	101	9960	0.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	6027	0.489	ug/L	97
12) 1,1-Dichloroethene	2.114	96	10313	0.860	ug/L	94
13) Acetone	2.182	43	10850	6.505	ug/L	99
14) Carbon disulfide	2.291	76	20472	0.563	ug/L	98
15) Methyl Acetate	2.436	43	817	0.173	ug/L	99
16) Methylene chloride	2.500	84	14706	0.820	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	11443	0.396	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	6600	0.488	ug/L	95
19) 1,1-Dichloroethane	3.185	63	11126	0.468	ug/L	97
21) 2-Butanone	3.998	43	8573	3.314	ug/L	78
22) cis-1,2-Dichloroethene	3.905	96	7599	0.502	ug/L	93
23) Bromochloromethane	4.239	128	2845	0.465	ug/L	85
25) Chloroform	4.368	83	13739	0.551	ug/L	99
27) 1,2-Dichloroethane	5.124	62	5635	0.421	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	10576	0.442	ug/L	95
30) Cyclohexane	4.661	56	8685	0.369	ug/L	93
31) Carbon tetrachloride	4.818	117	9344	0.460	ug/L	100
33) Benzene	5.092	78	24335	0.390	ug/L	100
34) Trichloroethene	5.908	95	6180	0.390	ug/L	96
35) Methylcyclohexane	6.120	83	9616	0.361	ug/L	97
37) 1,2-Dichloropropane	6.165	63	6047	0.412	ug/L #	94
38) Bromodichloromethane	6.503	83	7996	0.447	ug/L #	99
39) cis-1,3-Dichloropropene	7.024	75	7543	0.362	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	21349	3.161	ug/L	100
42) Toluene	7.381	91	25659	0.383	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	5809	0.348	ug/L	92

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

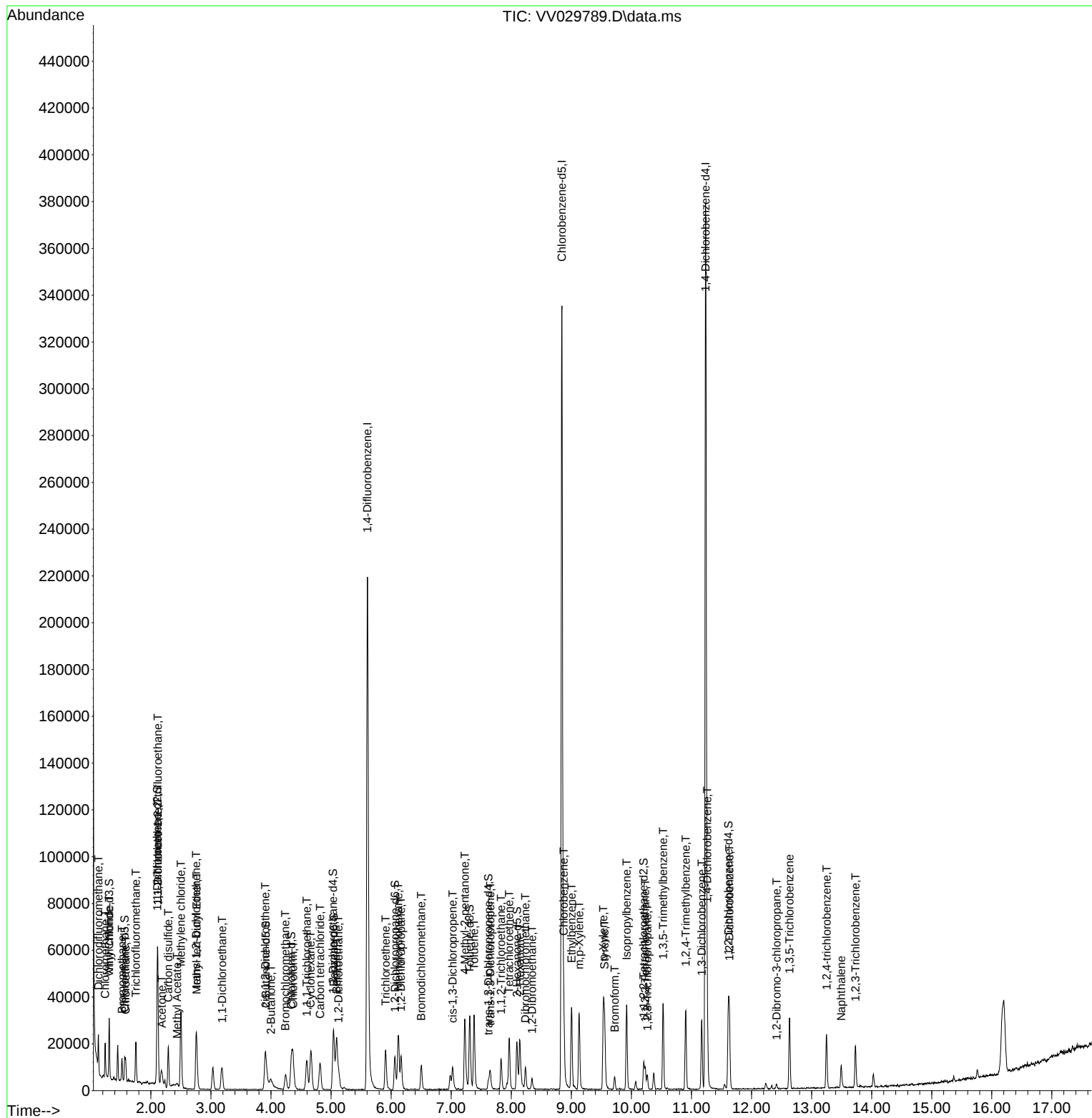
45) 1,1,2-Trichloroethane	7.831	97	4513	0.450	ug/L	85
47) Tetrachloroethene	7.966	164	5266	0.403	ug/L	98
48) 2-Hexanone	8.143	43	13349	2.819	ug/L	94
49) Dibromochloromethane	8.236	129	5126	0.450	ug/L	97
50) 1,2-Dibromoethane	8.345	107	3484	0.398	ug/L #	98
51) Chlorobenzene	8.873	112	17918	0.428	ug/L	97
52) Ethylbenzene	9.005	91	27224	0.391	ug/L	98
53) m,p-Xylene	9.130	106	10526	0.381	ug/L	98
54) o-Xylene	9.532	106	10103	0.377	ug/L	93
55) Styrene	9.554	104	16365	0.358	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	4572	0.431	ug/L #	95
59) Bromoform	9.722	173	2839	0.480	ug/L #	89
60) Isopropylbenzene	9.921	105	23672	0.342	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	3055	0.406	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.529	105	20638	0.347	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	19295	0.322	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	12811	0.392	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	13616	0.420	ug/L	94
67) 1,2-Dichlorobenzene	11.631	146	11600	0.386	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.419	75	856	0.563	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.631	180	10448	0.389	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	7711	0.357	ug/L	97
71) Naphthalene	13.493	128	8660	0.415	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	6356	0.360	ug/L	99

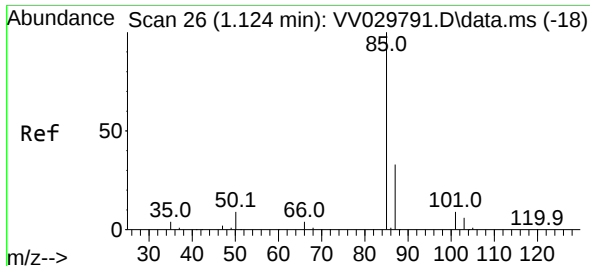
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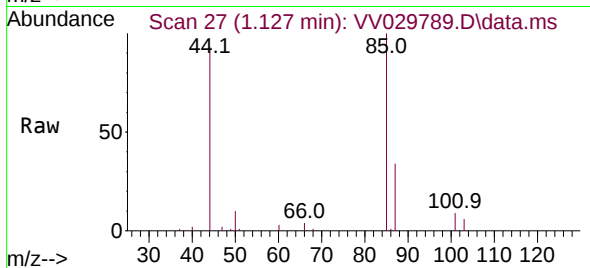
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
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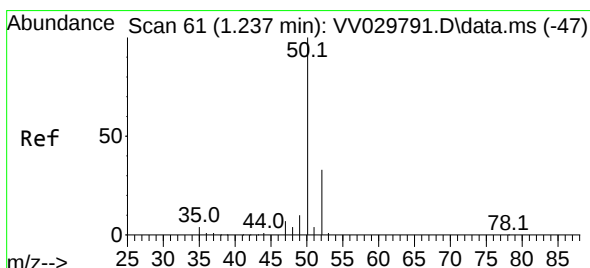
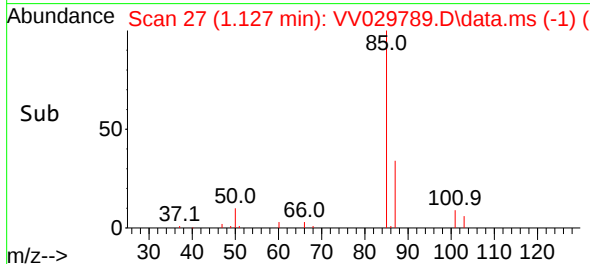
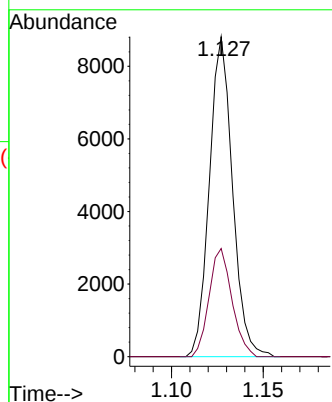


#2
 Dichlorodifluoromethane
 Concen: 0.463 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029789.D
 Acq: 12 Jan 2023 16:25

Instrument :
 MSVOA_V
 ClientSampleId :

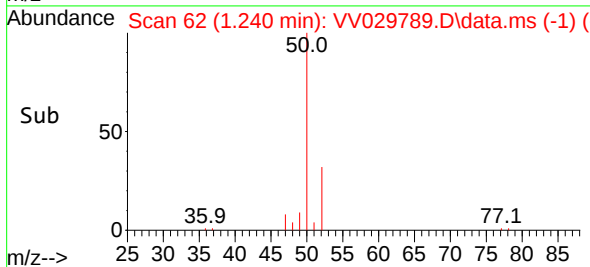
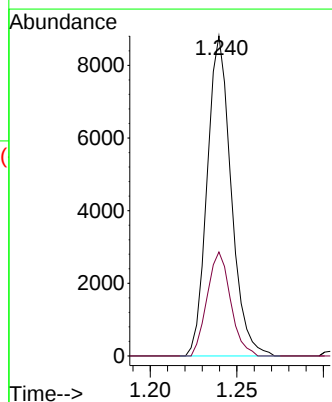
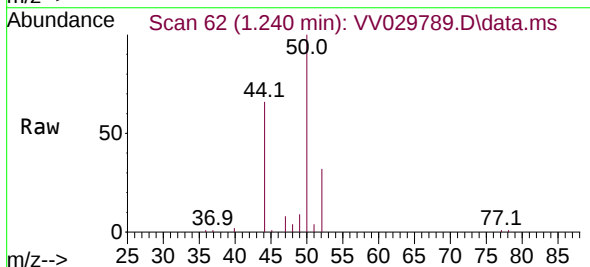


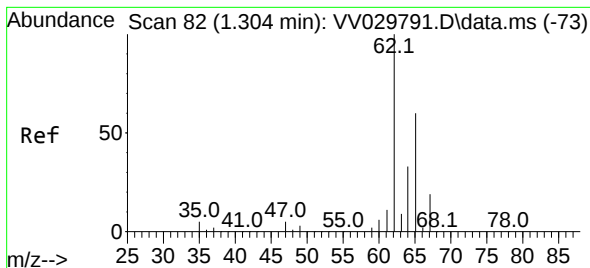
Tgt Ion: 85 Resp: 7746
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.5 39.7



#3
 Chloromethane
 Concen: 0.529 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029789.D
 Acq: 12 Jan 2023 16:25

Tgt Ion: 50 Resp: 8454
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.1 42.9





#5

Vinyl chloride

Concen: 0.505 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

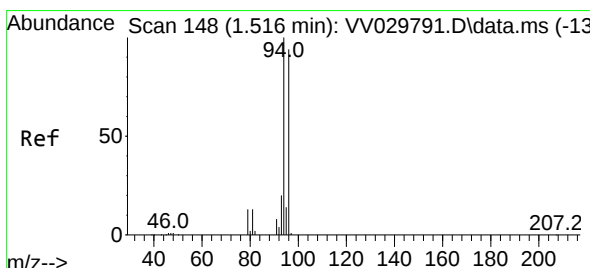
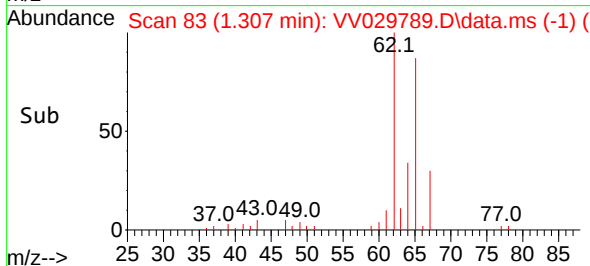
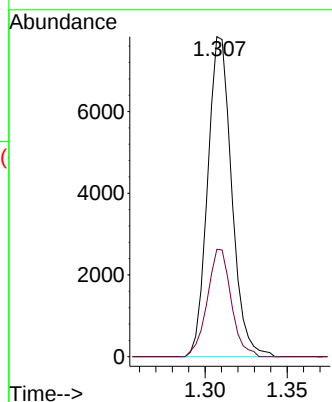
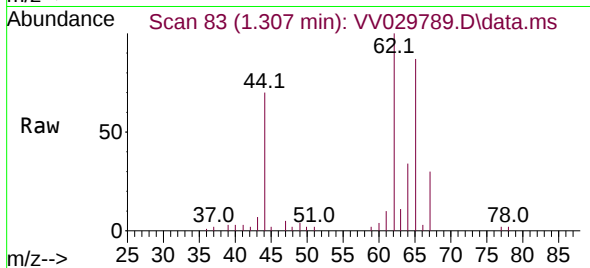
ClientSampleId :

Tgt Ion: 62 Resp: 7966

Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.2



#6

Bromomethane

Concen: 0.423 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV029789.D

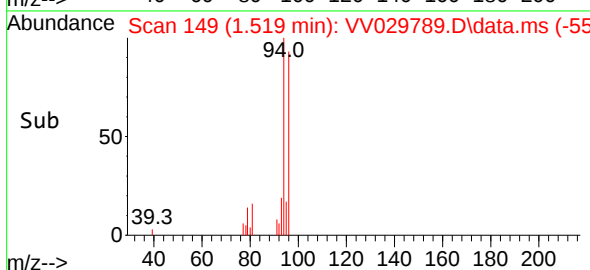
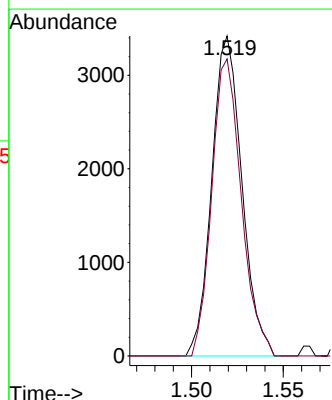
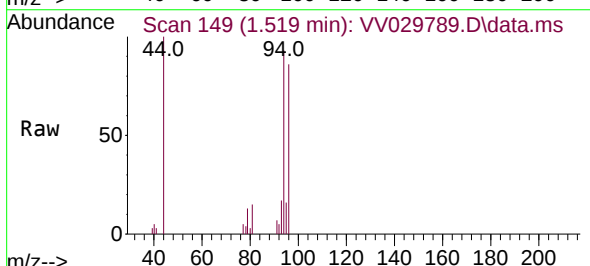
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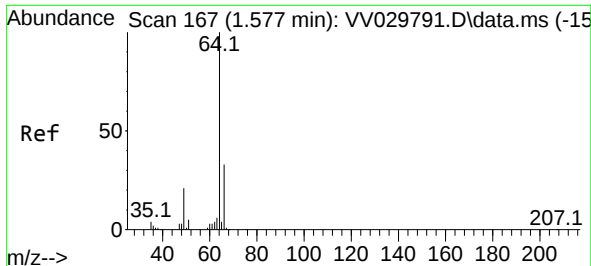
Tgt Ion: 94 Resp: 3906

Ion Ratio Lower Upper

94 100

96 92.8 65.9 122.5

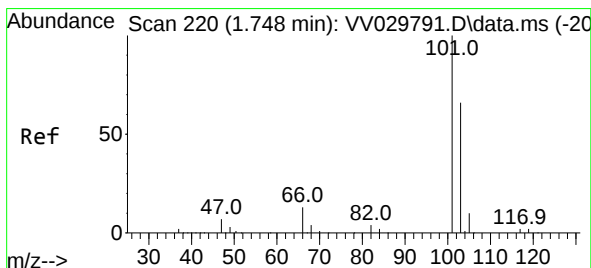
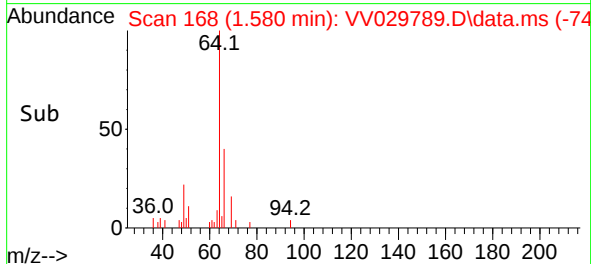
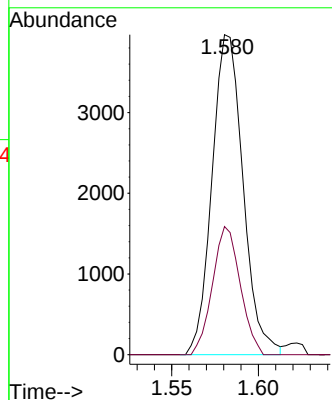
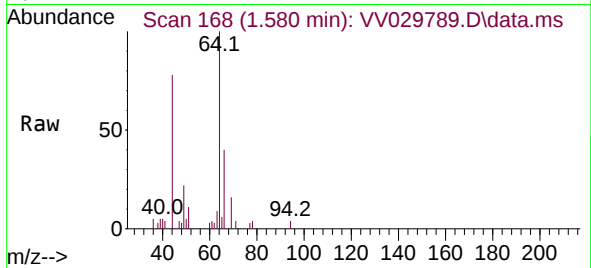




#8
Chloroethane
Concen: 0.523 ug/L
RT: 1.580 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

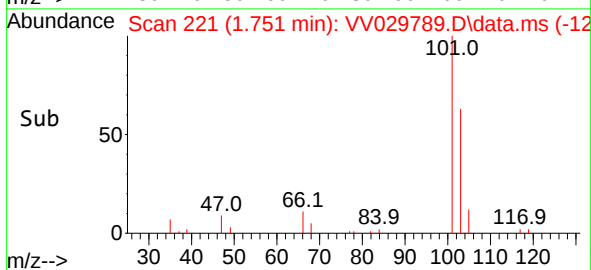
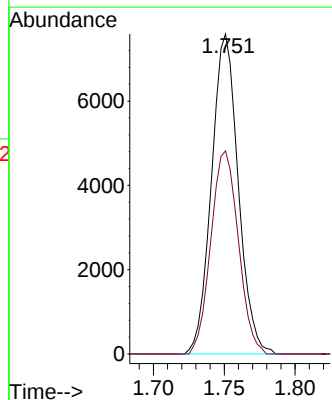
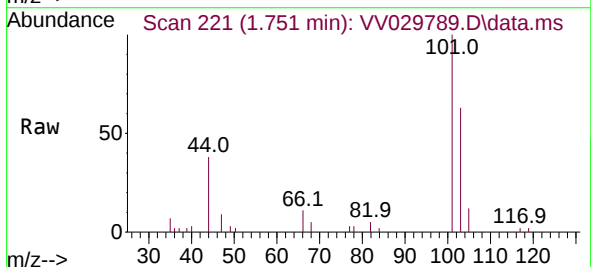
Instrument :
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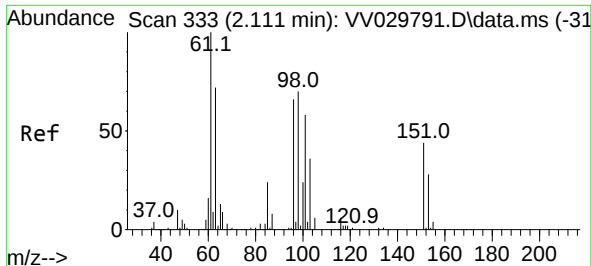
Tgt Ion: 64 Resp: 4938
Ion Ratio Lower Upper
64 100
66 40.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 0.457 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 101 Resp: 9960
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

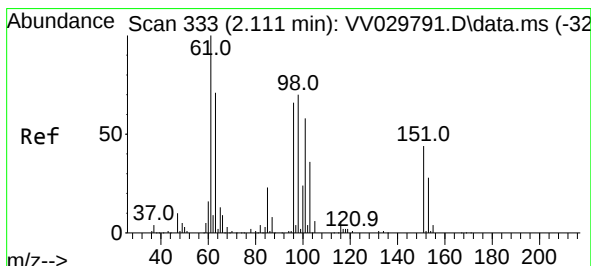
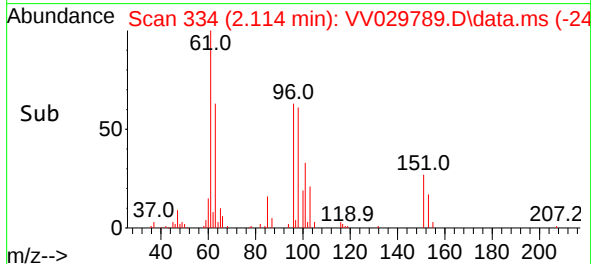
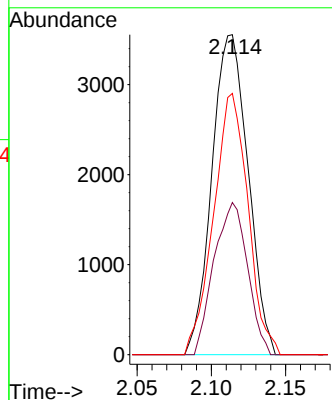
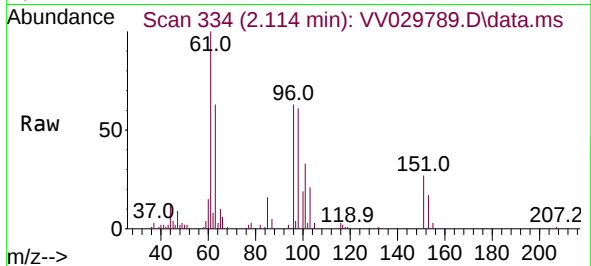




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.489 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

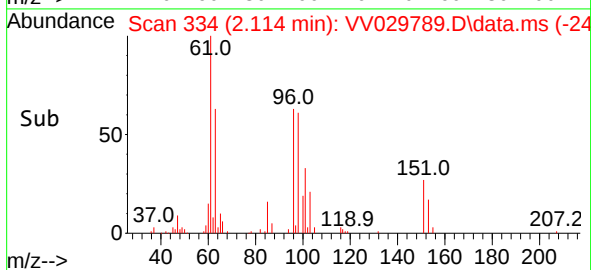
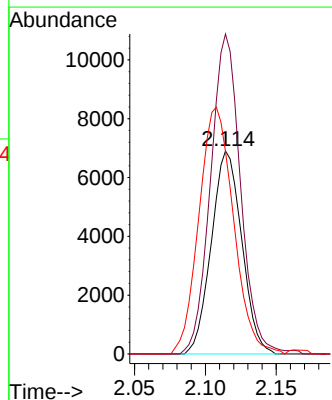
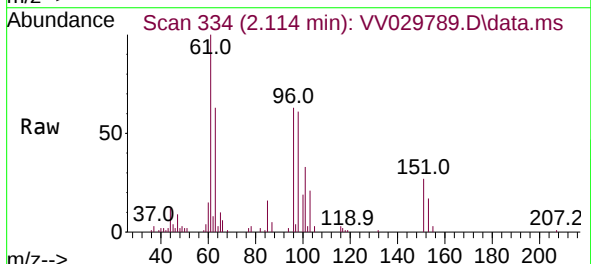
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ClientSampleId :

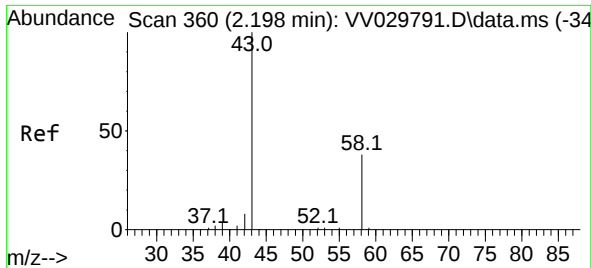
Tgt Ion:101 Resp: 6027
Ion Ratio Lower Upper
101 100
85 44.1 32.9 49.3
151 77.8 60.9 91.3



#12
1,1-Dichloroethene
Concen: 0.860 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 96 Resp: 10313
Ion Ratio Lower Upper
96 100
61 157.6 106.1 197.1
63 99.8 76.4 141.8





#13

Acetone

Concen: 6.505 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

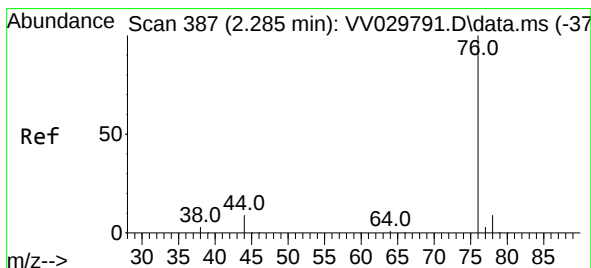
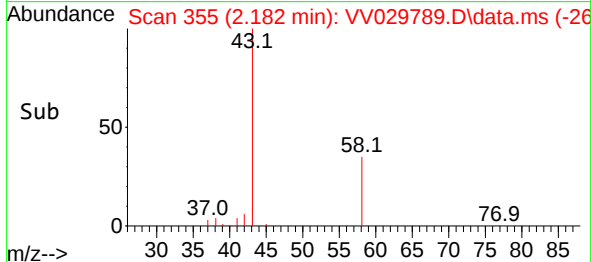
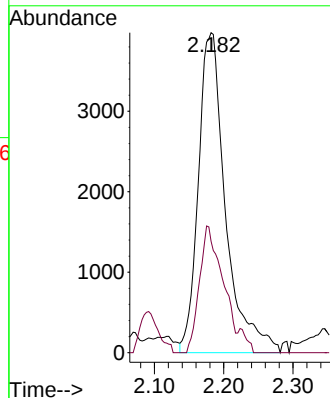
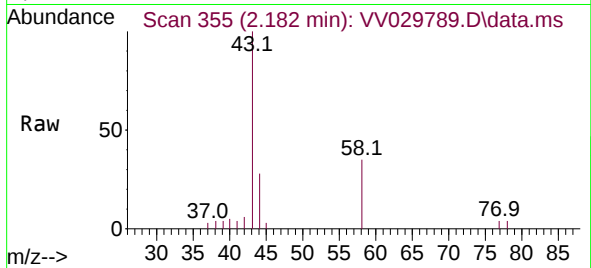
ClientSampleId :

Tgt Ion: 43 Resp: 10850

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.8



#14

Carbon disulfide

Concen: 0.563 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029789.D

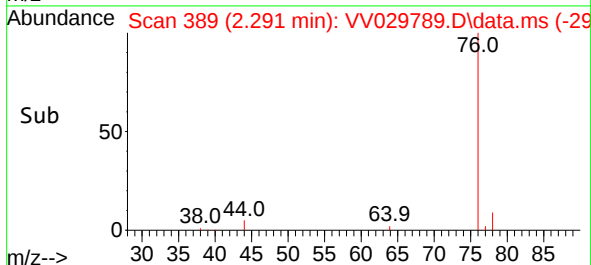
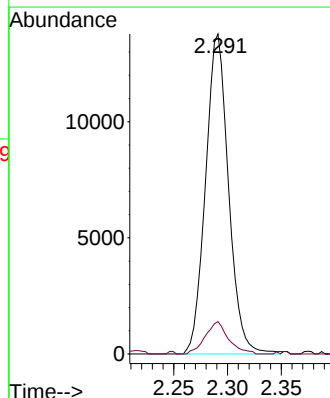
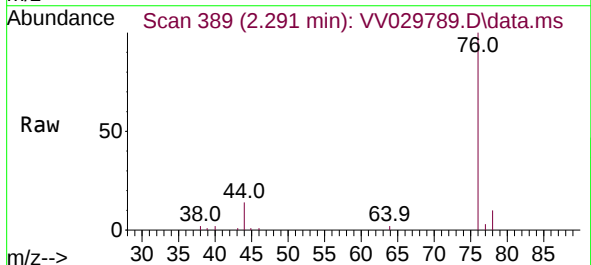
Acq: 12 Jan 2023 16:25

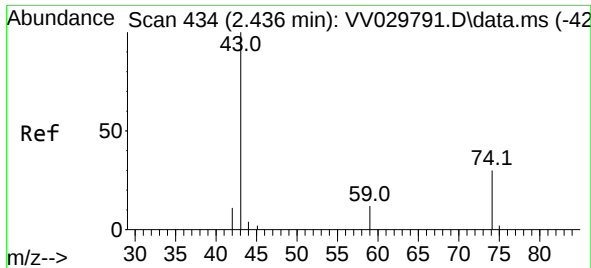
Tgt Ion: 76 Resp: 20472

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0

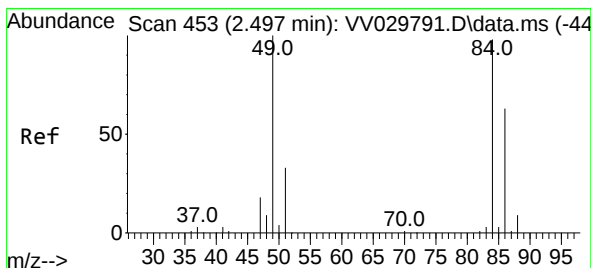
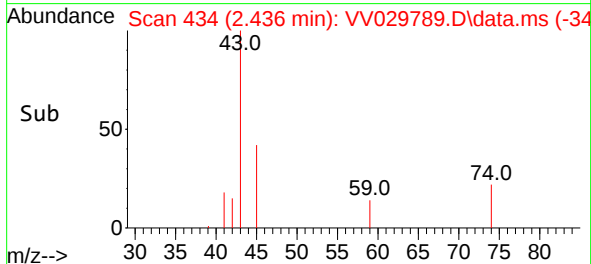
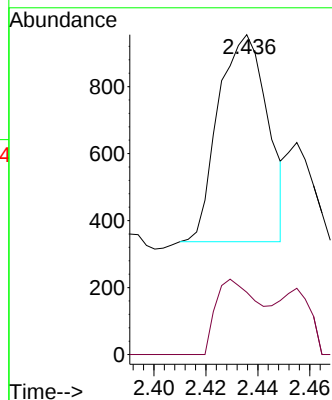
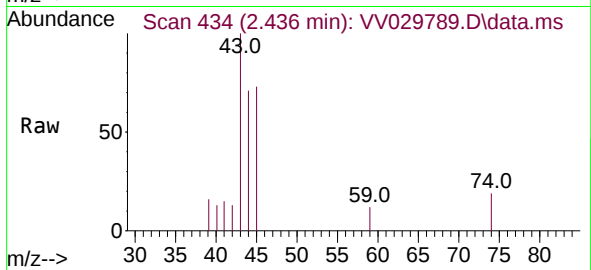




#15
Methyl Acetate
Concen: 0.173 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

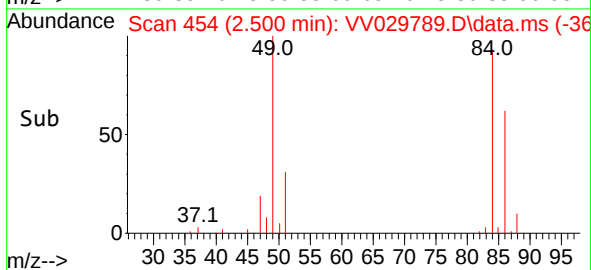
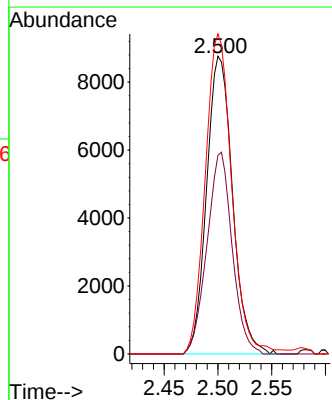
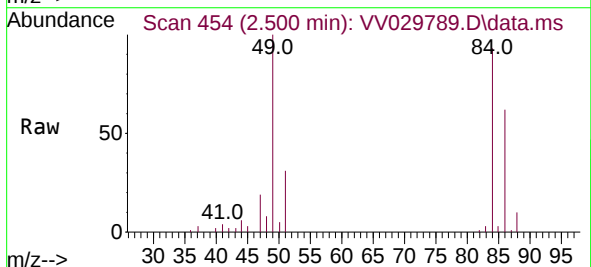
Instrument :
MSVOA_V
ClientSampleId :

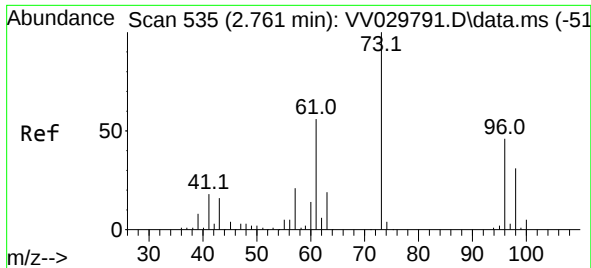
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
74 29.6 23.4 35.0



#16
Methylene chloride
Concen: 0.820 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 84 Resp: 14706
Ion Ratio Lower Upper
84 100
86 66.7 45.0 83.6
49 107.5 71.5 132.7

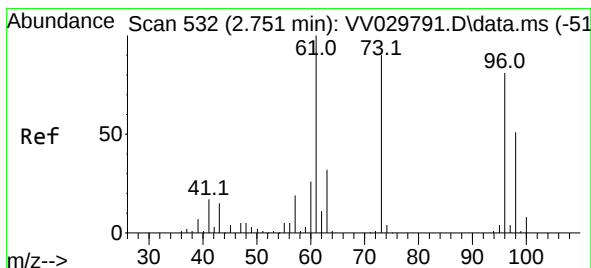
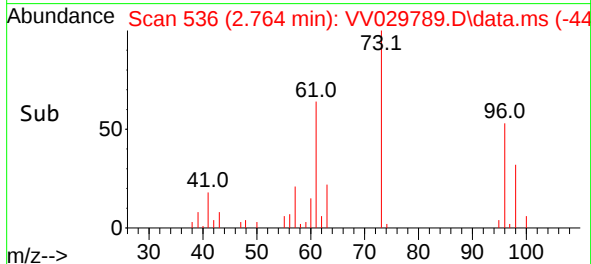
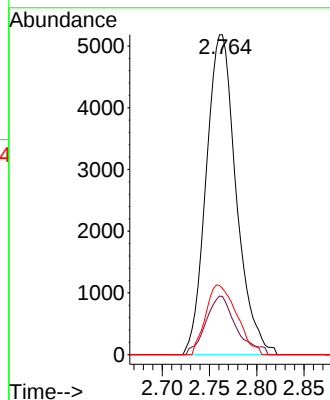
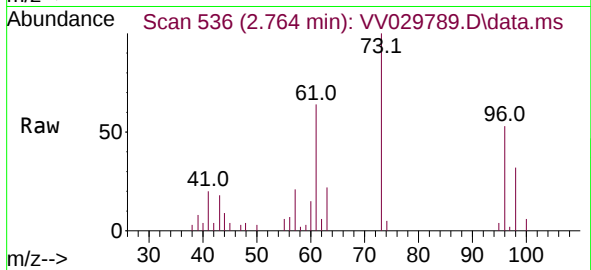




#17
Methyl tert-butyl Ether
Concen: 0.396 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

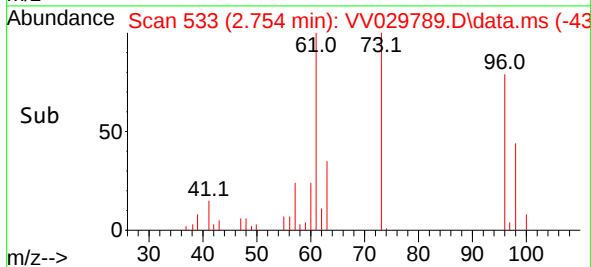
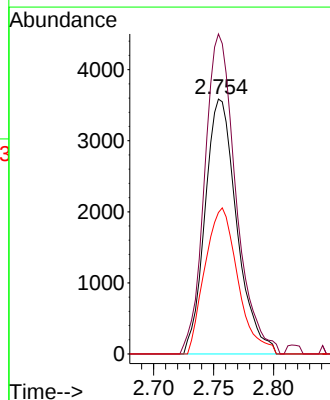
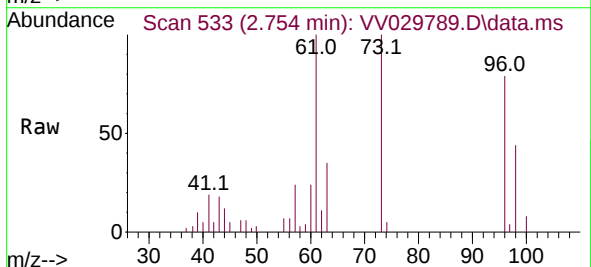
Instrument :
MSVOA_V
ClientSampleId :

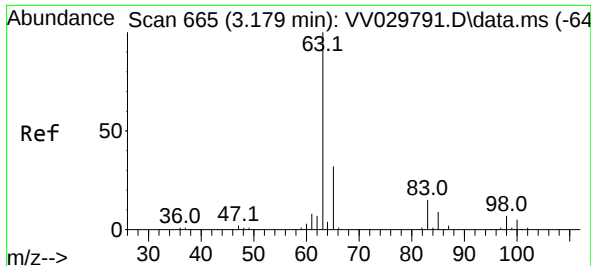
Tgt Ion: 73	Resp: 11443
Ion Ratio	Lower Upper
73 100	
43 18.6	13.0 19.4
57 22.5	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.488 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 96	Resp: 6600
Ion Ratio	Lower Upper
96 100	
61 125.5	86.1 159.9
98 55.5	43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.468 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :

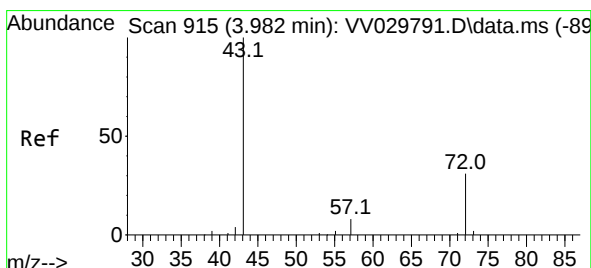
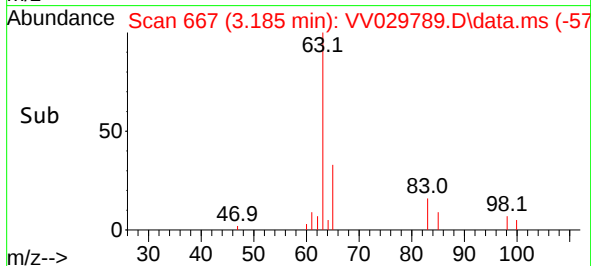
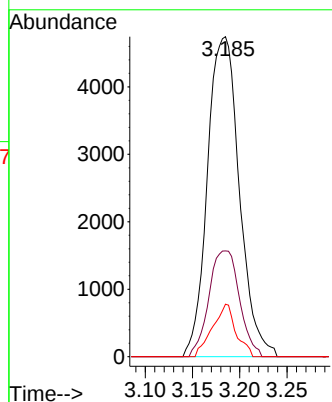
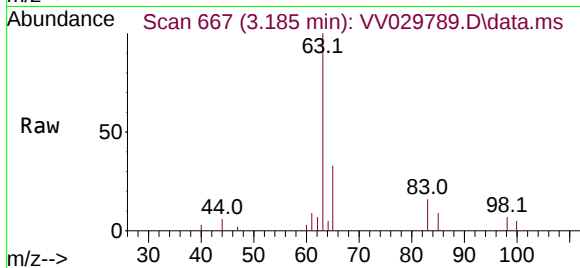
Tgt Ion: 63 Resp: 11126

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 16.4 10.2 19.0



#21

2-Butanone

Concen: 3.314 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.016 min

Lab File: VV029789.D

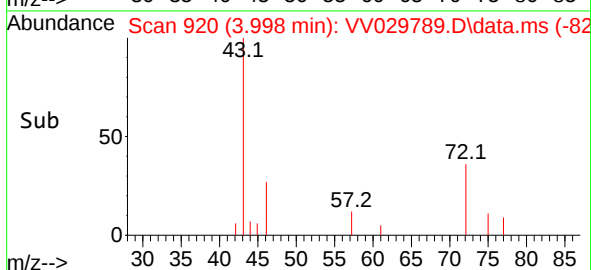
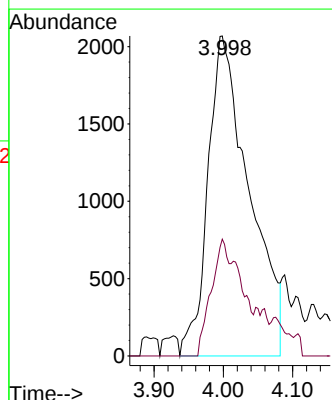
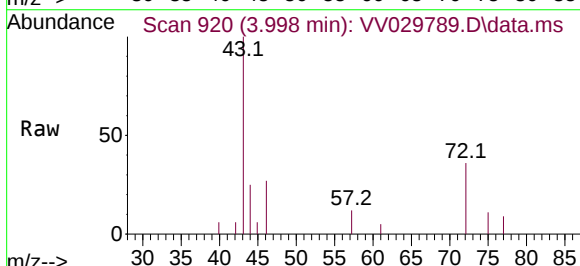
Acq: 12 Jan 2023 16:25

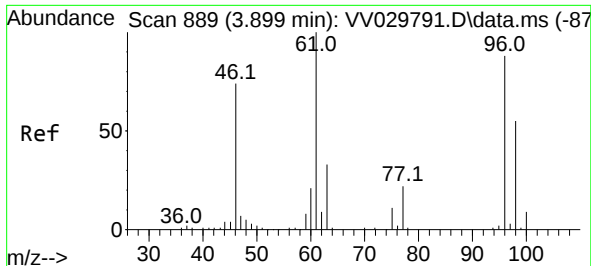
Tgt Ion: 43 Resp: 8573

Ion Ratio Lower Upper

43 100

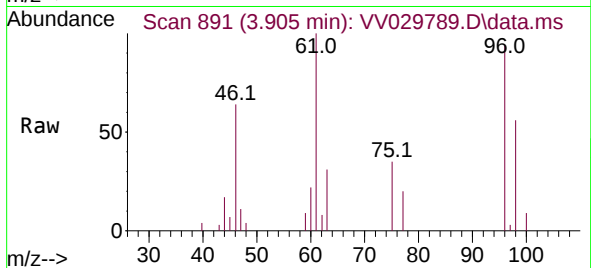
72 16.3 13.9 41.6





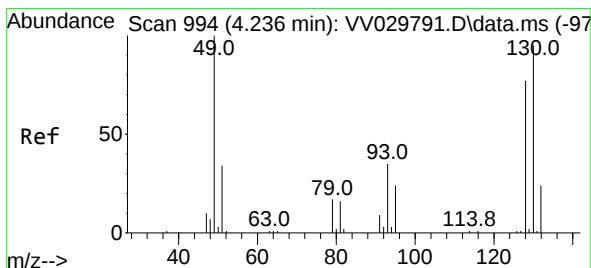
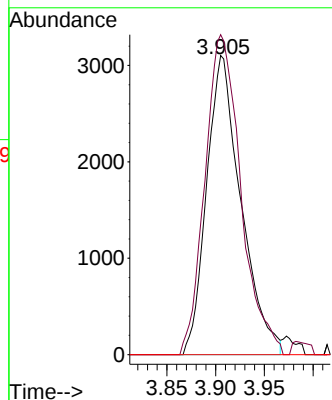
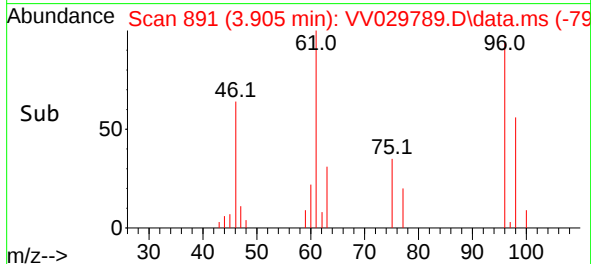
#22
 cis-1,2-Dichloroethene
 Concen: 0.502 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029789.D
 Acq: 12 Jan 2023 16:25

Instrument :
 MSVOA_V
 ClientSampleId :

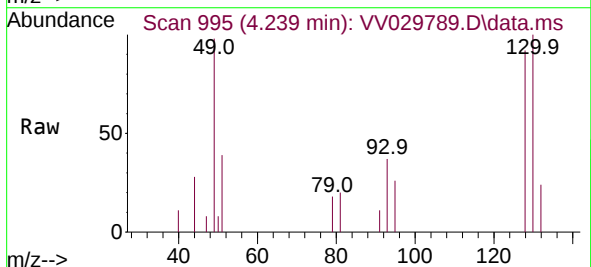


Tgt Ion: 96 Resp: 7599

Ion	Ratio	Lower	Upper
96	100		
61	106.9	80.0	148.6
68	0.0	0.0	0.0

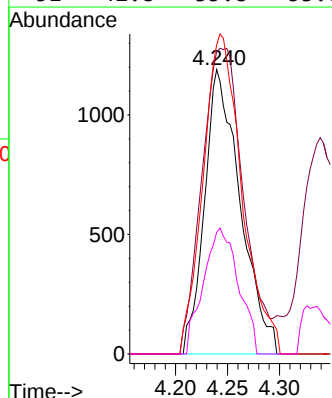
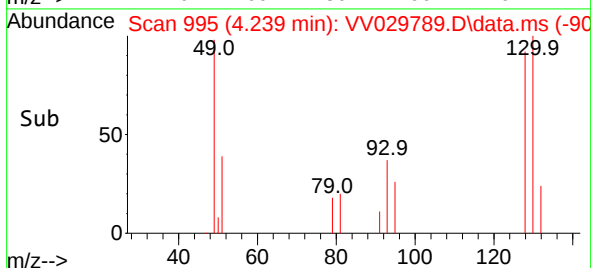


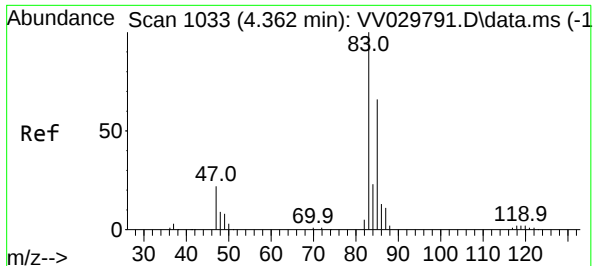
#23
 Bromochloromethane
 Concen: 0.465 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. 0.003 min
 Lab File: VV029789.D
 Acq: 12 Jan 2023 16:25



Tgt Ion: 128 Resp: 2845

Ion	Ratio	Lower	Upper
128	100		
49	106.2	91.2	169.4
130	108.7	87.0	161.6
51	42.8	35.8	53.6





#25

Chloroform

Concen: 0.551 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

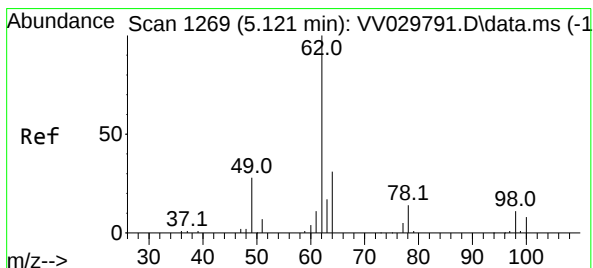
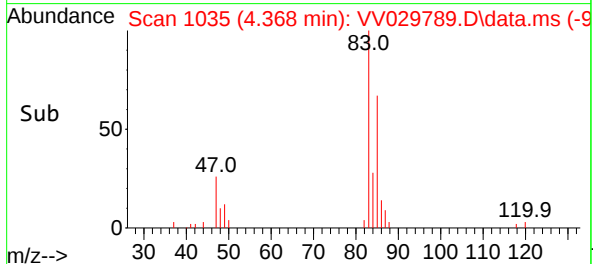
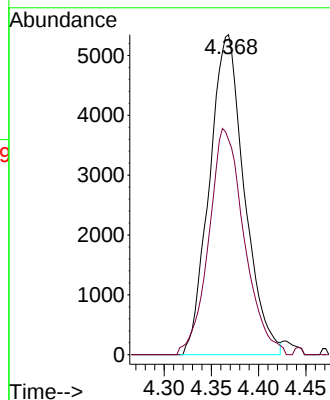
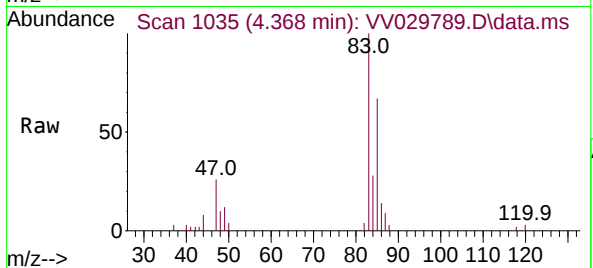
ClientSampleId :

Tgt Ion: 83 Resp: 13739

Ion Ratio Lower Upper

83 100

85 67.2 46.5 86.5



#27

1,2-Dichloroethane

Concen: 0.421 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029789.D

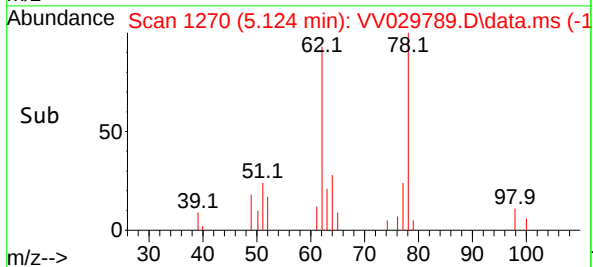
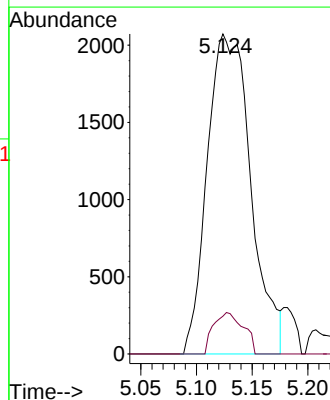
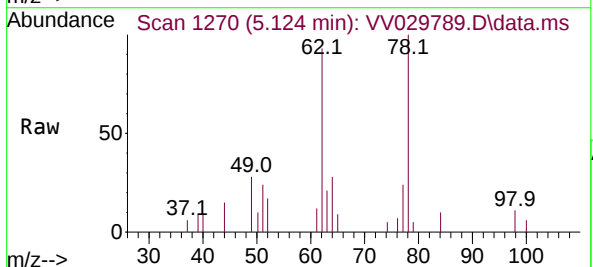
Acq: 12 Jan 2023 16:25

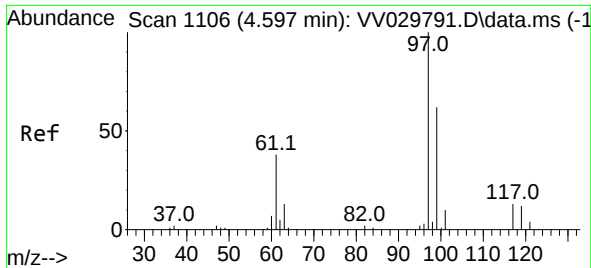
Tgt Ion: 62 Resp: 5635

Ion Ratio Lower Upper

62 100

98 11.8 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 0.442 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :

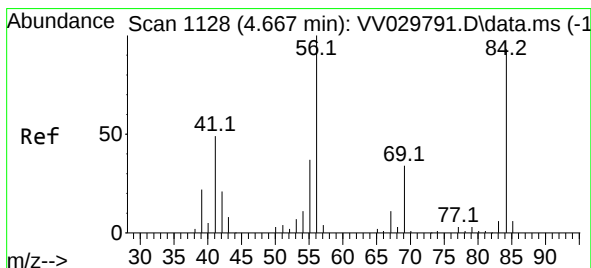
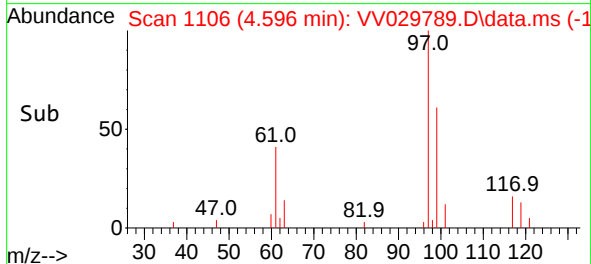
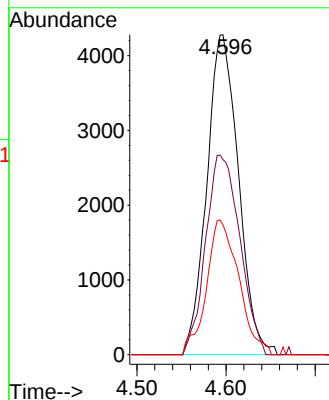
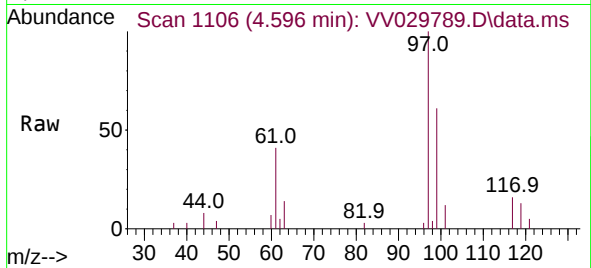
Tgt Ion: 97 Resp: 10576

Ion Ratio Lower Upper

97 100

99 67.4 51.3 76.9

61 42.9 31.6 47.4



#30

Cyclohexane

Concen: 0.369 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

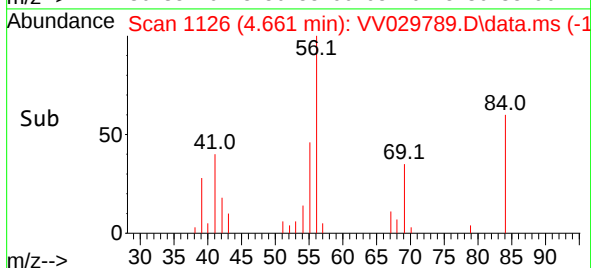
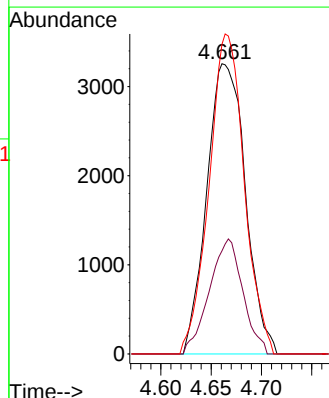
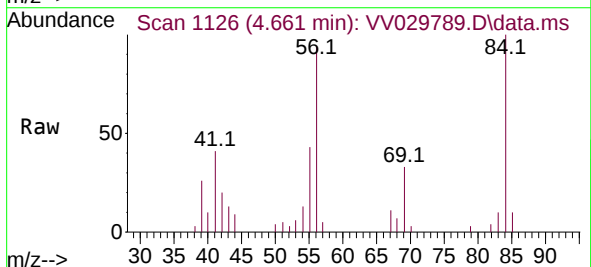
Tgt Ion: 56 Resp: 8685

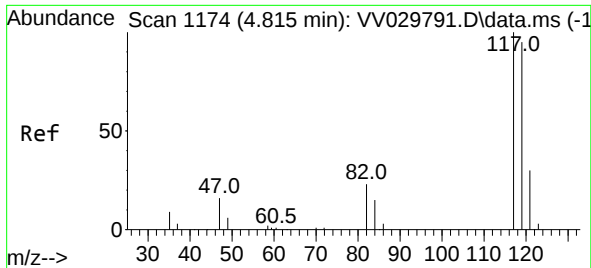
Ion Ratio Lower Upper

56 100

69 34.3 26.7 40.1

84 100.3 73.8 110.8

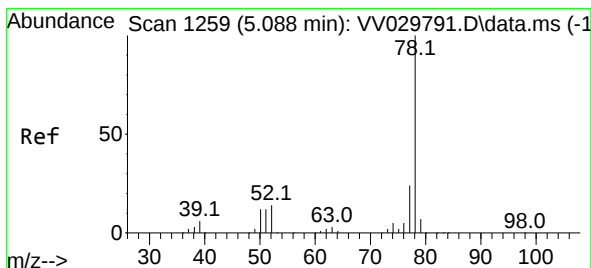
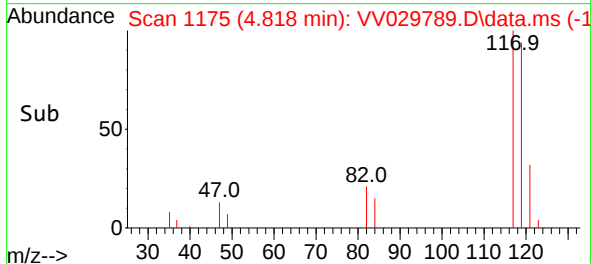
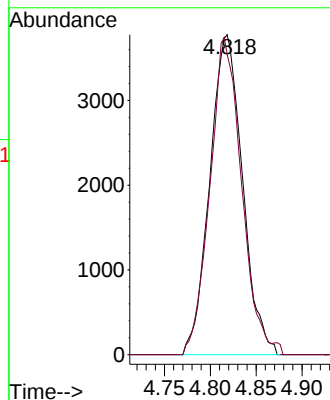
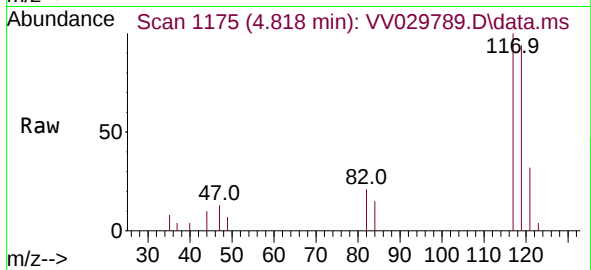




#31
Carbon tetrachloride
Concen: 0.460 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

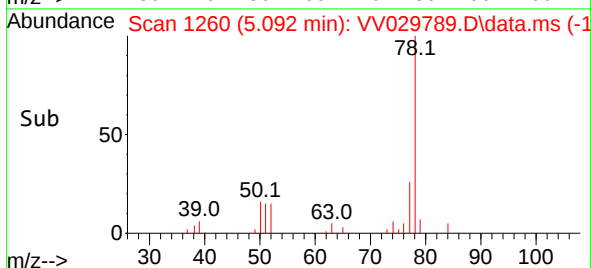
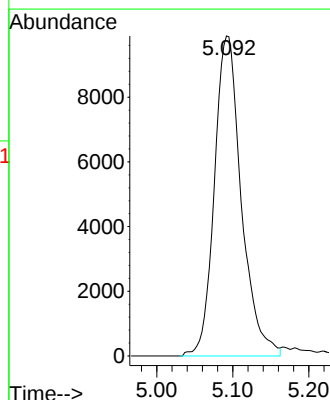
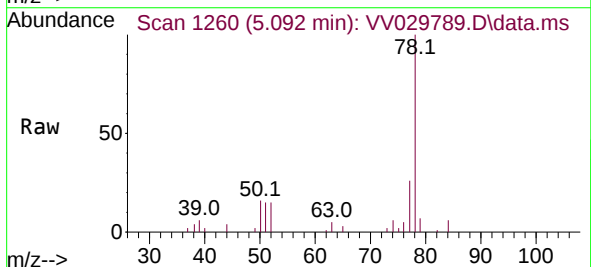
Instrument :
MSVOA_V
ClientSampleId :

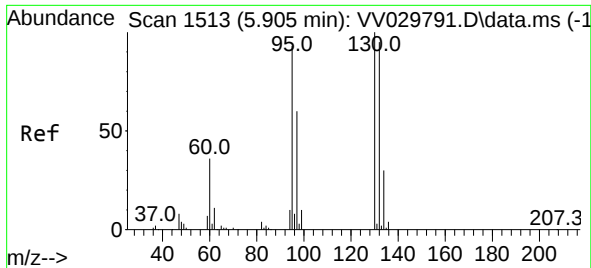
Tgt Ion:117 Resp: 9344
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 0.390 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 78 Resp: 24335





#34

Trichloroethene

Concen: 0.390 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6180

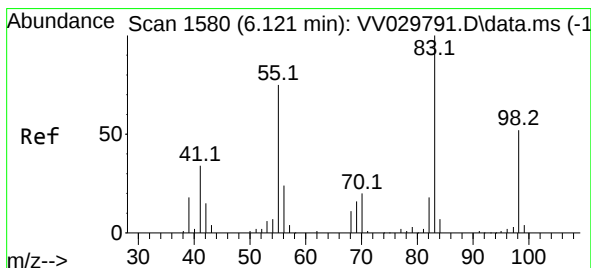
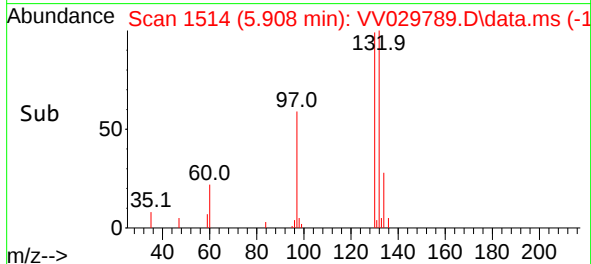
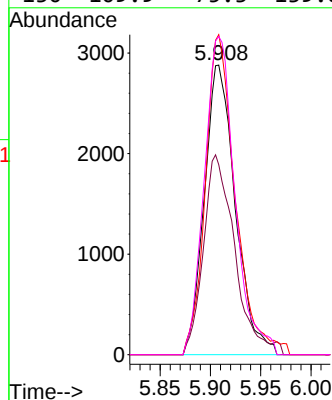
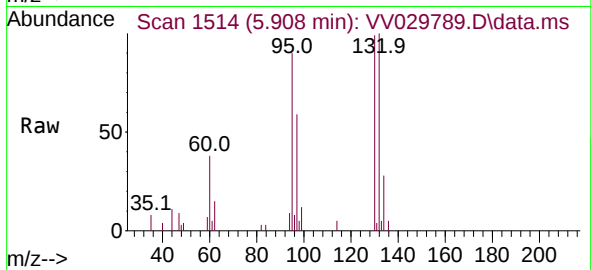
Ion Ratio Lower Upper

95 100

97 65.6 44.9 83.3

132 110.5 71.8 133.4

130 109.9 75.3 139.8



#35

Methylcyclohexane

Concen: 0.361 ug/L

RT: 6.120 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

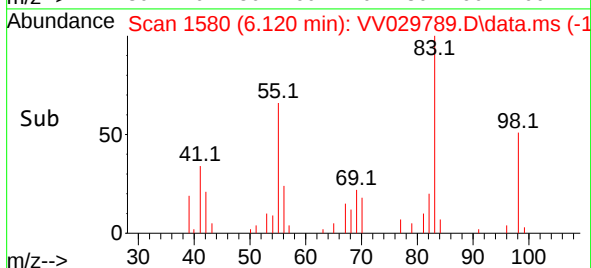
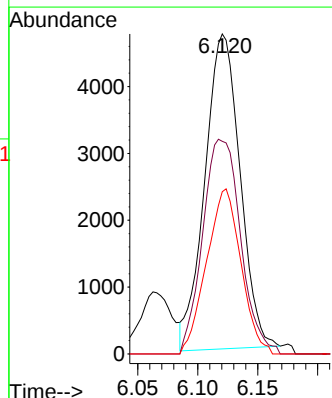
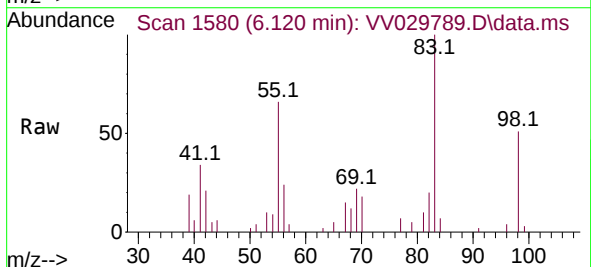
Tgt Ion: 83 Resp: 9616

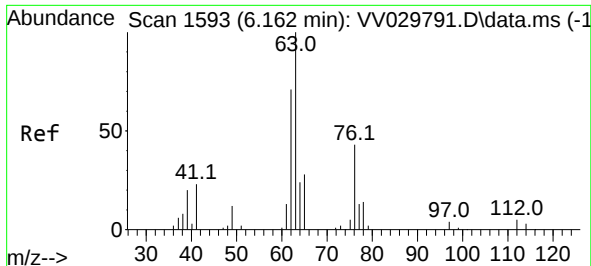
Ion Ratio Lower Upper

83 100

55 73.5 57.3 85.9

98 51.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 0.412 ug/L

RT: 6.165 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

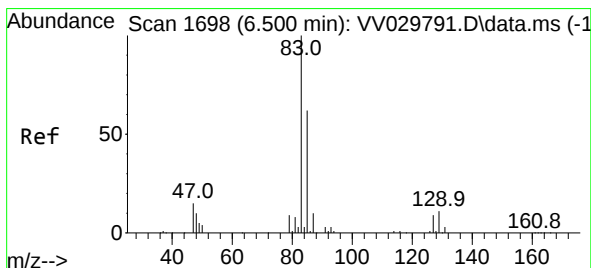
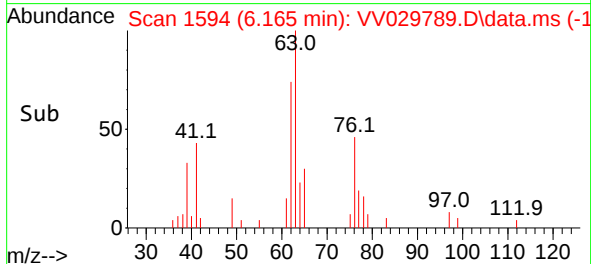
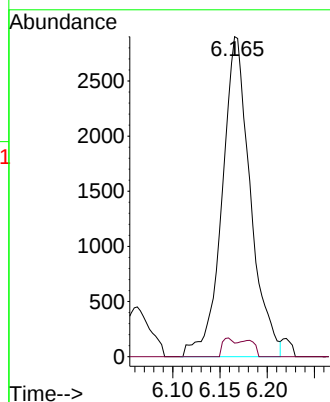
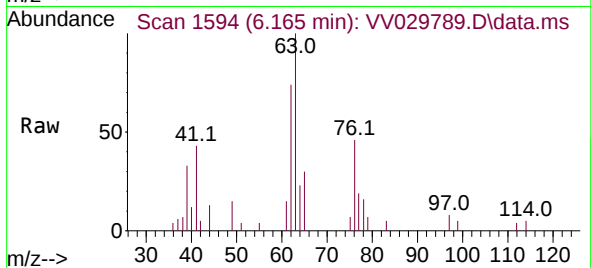
ClientSampleId :

Tgt Ion: 63 Resp: 6047

Ion Ratio Lower Upper

63 100

112 2.8 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.447 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

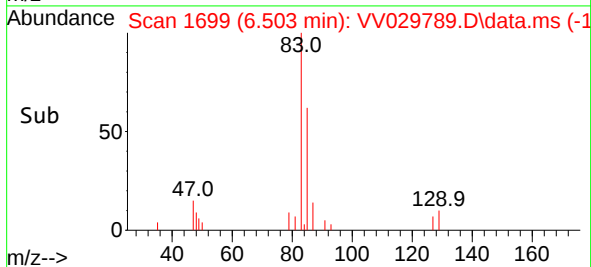
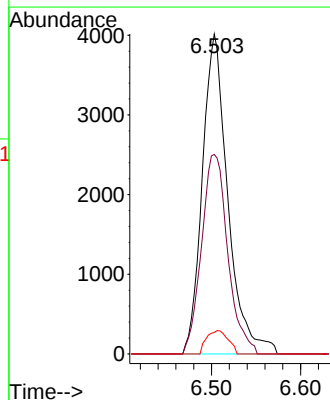
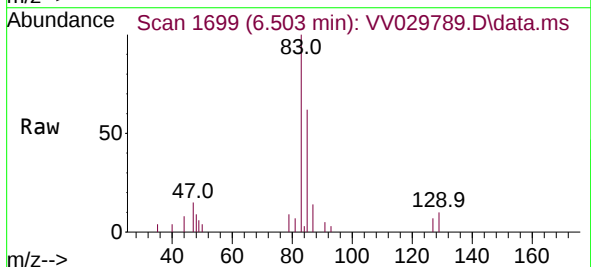
Tgt Ion: 83 Resp: 7996

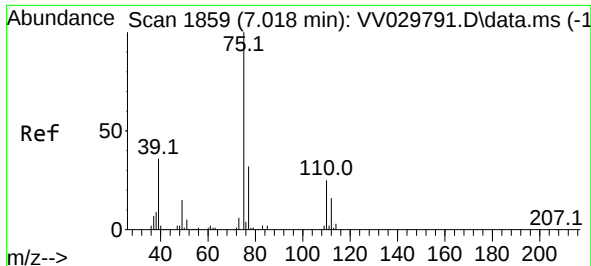
Ion Ratio Lower Upper

83 100

85 62.4 43.2 80.2

127 6.8 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

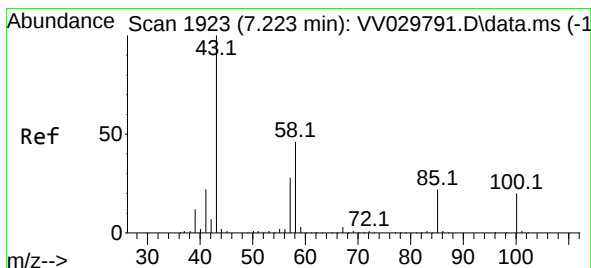
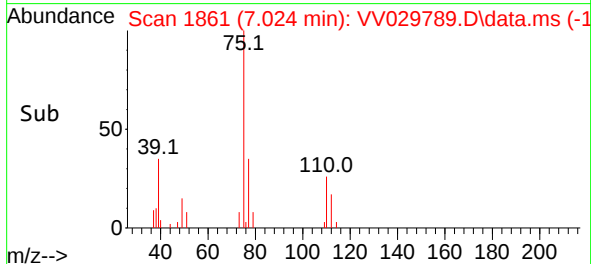
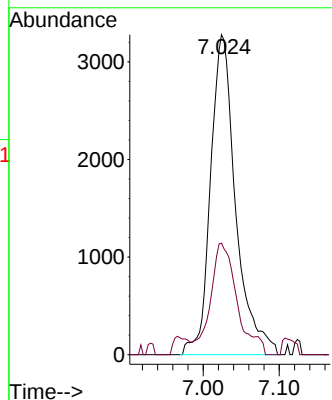
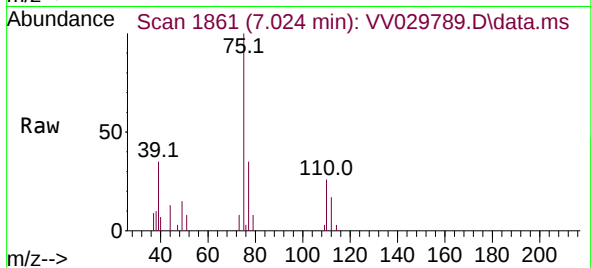
ClientSampleId :

Tgt Ion: 75 Resp: 7543

Ion Ratio Lower Upper

75 100

77 34.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 3.161 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

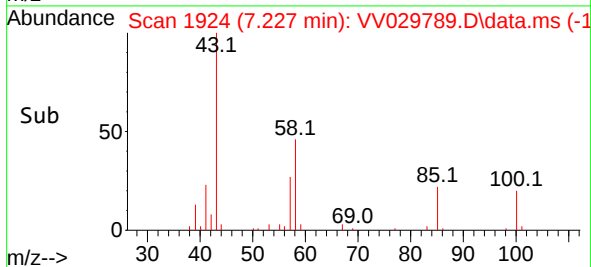
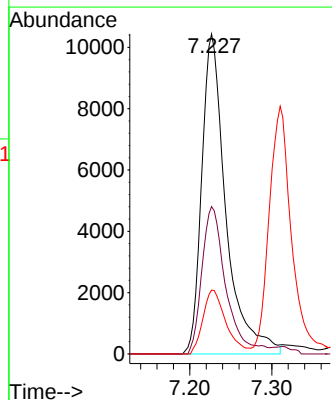
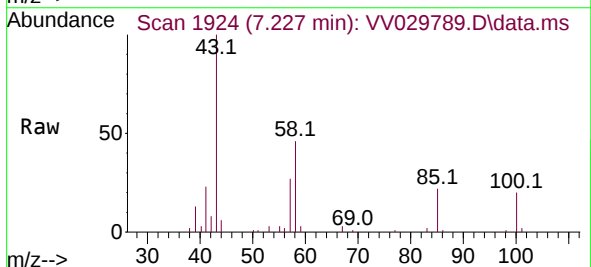
Tgt Ion: 43 Resp: 21349

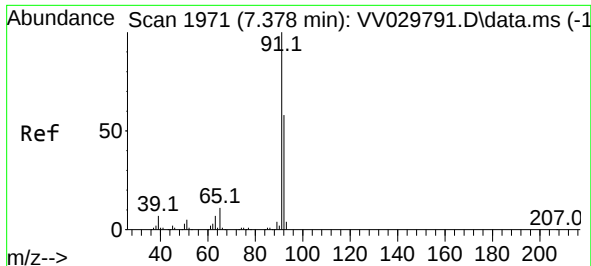
Ion Ratio Lower Upper

43 100

58 45.8 36.7 55.1

100 19.1 15.6 23.4





#42

Toluene

Concen: 0.383 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

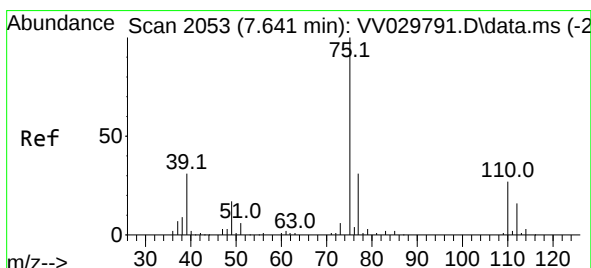
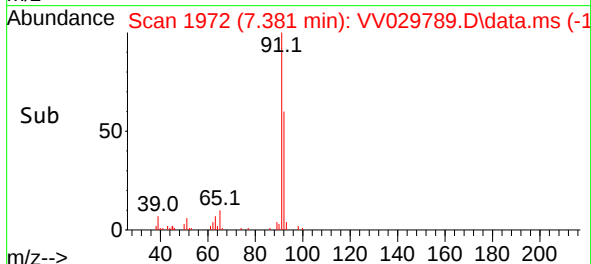
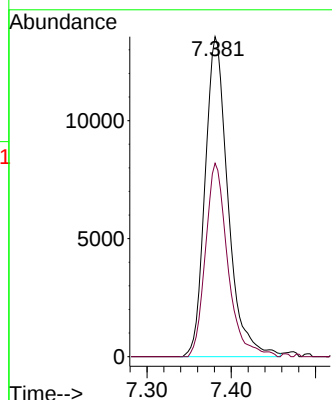
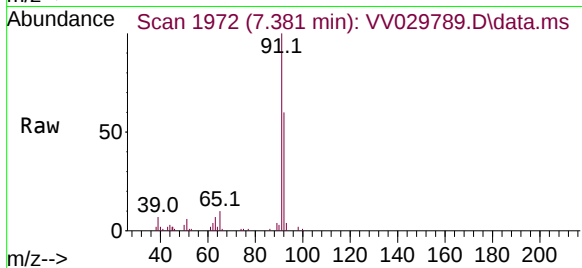
ClientSampleId :

Tgt Ion: 91 Resp: 25659

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.009 min

Lab File: VV029789.D

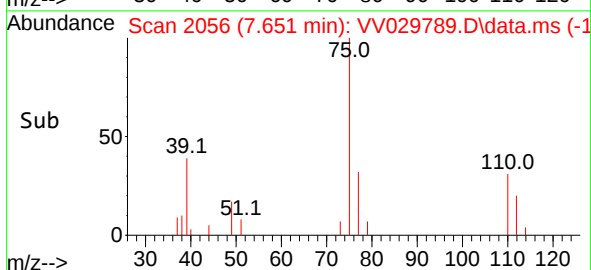
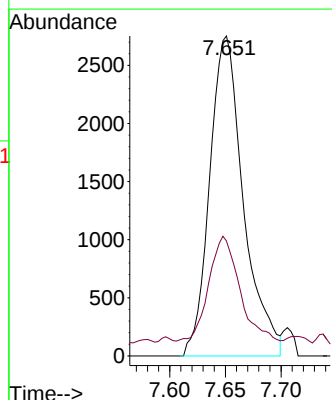
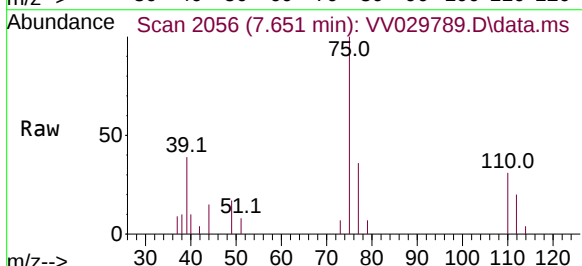
Acq: 12 Jan 2023 16:25

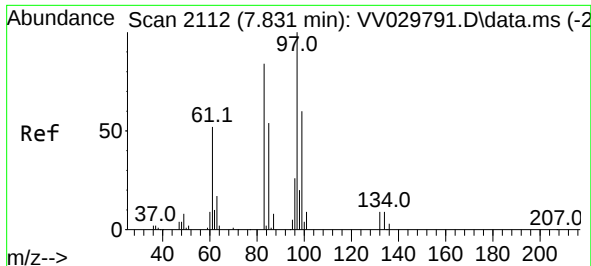
Tgt Ion: 75 Resp: 5809

Ion Ratio Lower Upper

75 100

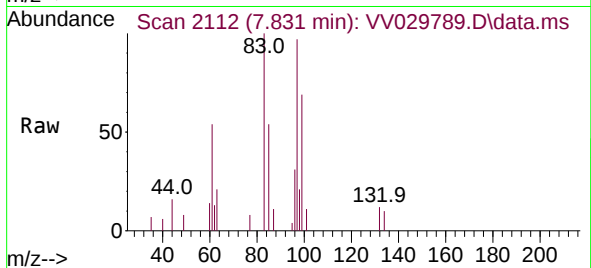
77 36.0 21.9 40.7



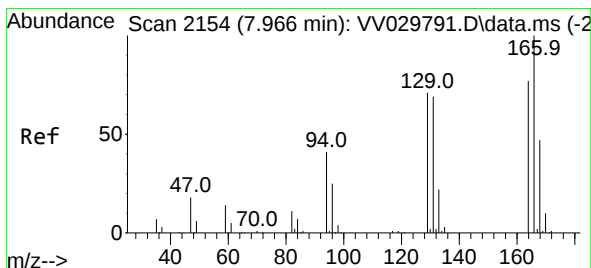
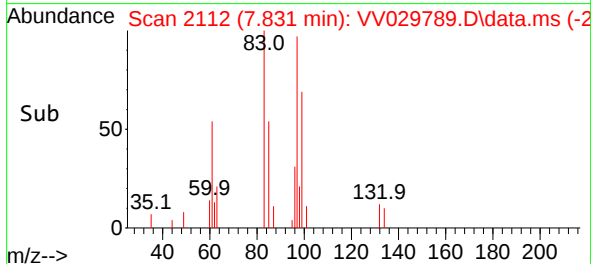
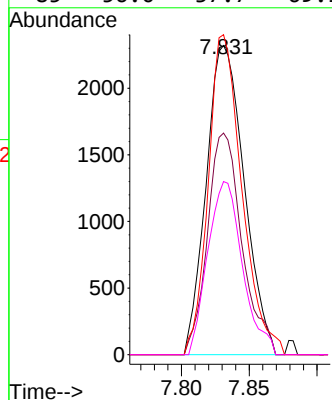


#45
1,1,2-Trichloroethane
Concen: 0.450 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Instrument :
MSVOA_V
ClientSampleId :

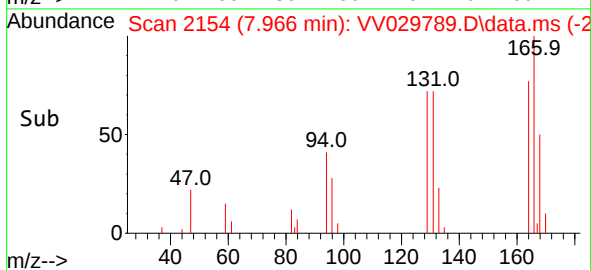
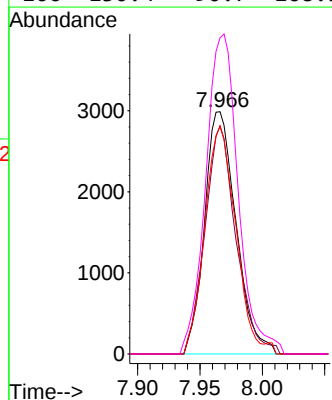
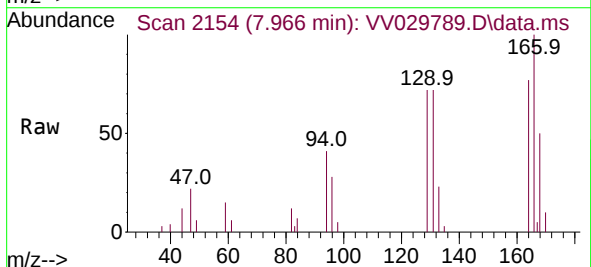


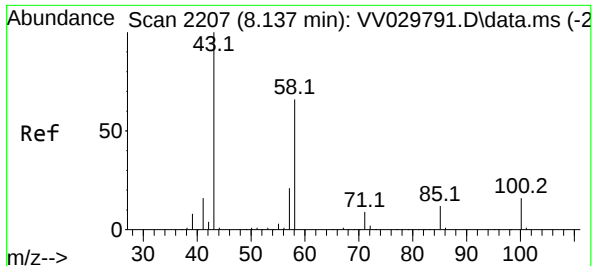
Tgt Ion: 97	Resp: 4513
Ion Ratio	Lower Upper
97 100	
99 71.7	41.9 77.7
83 103.5	58.7 109.1
85 56.0	37.7 69.9



#47
Tetrachloroethene
Concen: 0.403 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt	Ion:164	Resp:	5266
Ion	Ratio	Lower	Upper
164	100		
129	94.1	64.5	119.7
131	93.9	62.9	116.7
166	130.4	90.7	168.5

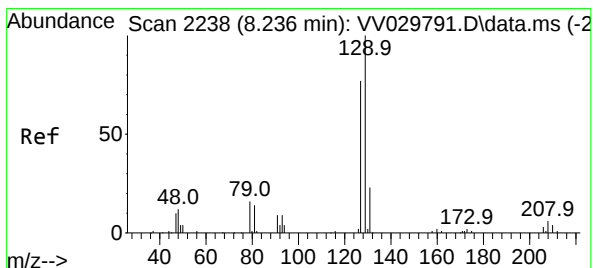
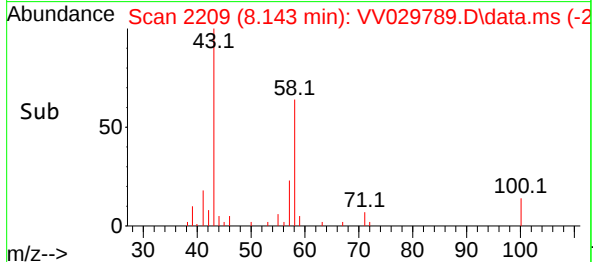
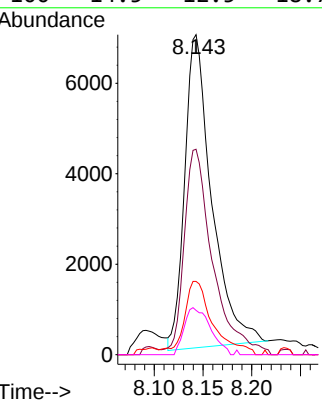
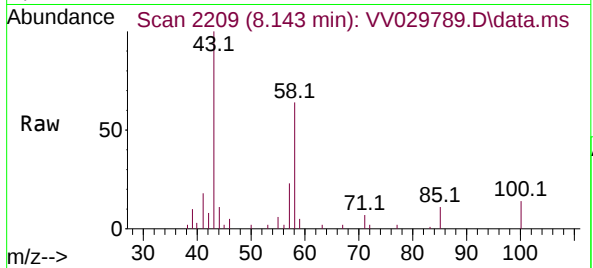




#48
2-Hexanone
Concen: 2.819 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

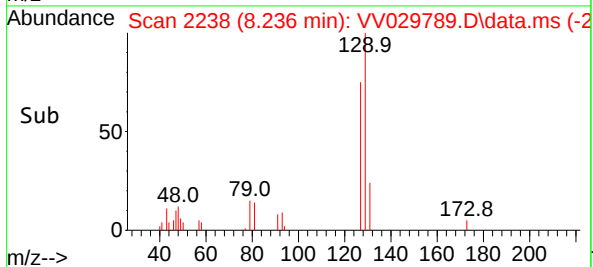
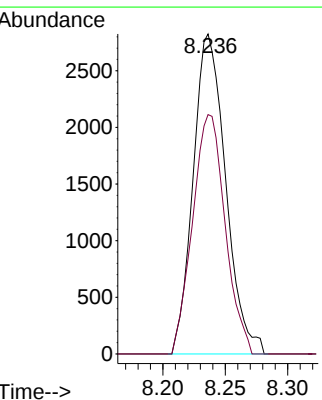
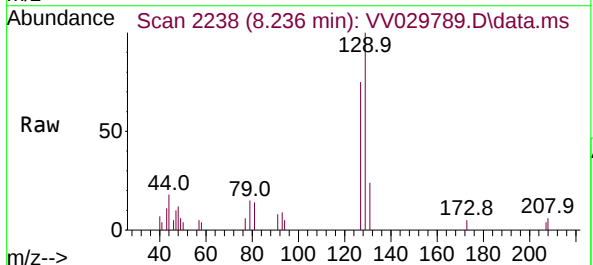
Instrument :
MSVOA_V
ClientSampleId :

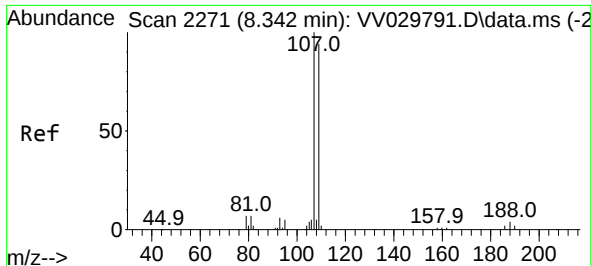
Tgt Ion: 43	Resp: 13349
Ion Ratio	Lower Upper
43 100	
58 69.4	51.4 77.2
57 25.0	17.0 25.6
100 14.5	12.5 18.7



#49
Dibromochloromethane
Concen: 0.450 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion:129	Resp:	5126	
Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.1	100.5





#50

1,2-Dibromoethane

Concen: 0.398 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029789.D

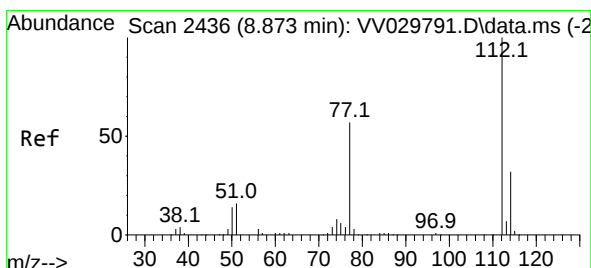
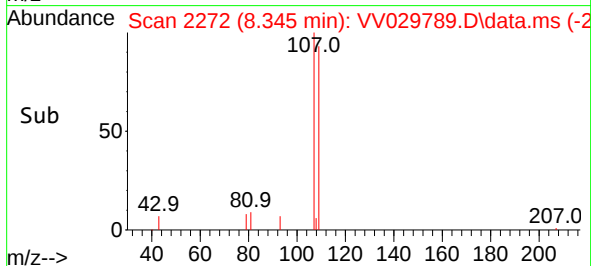
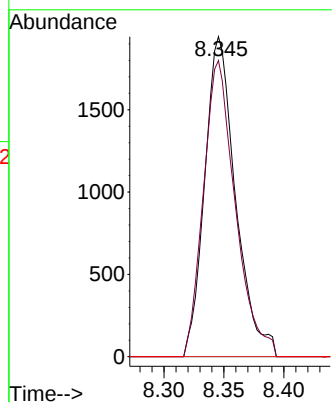
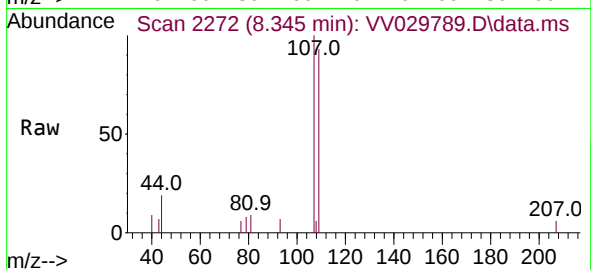
Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	3484
Ion	Ratio	Lower Upper
107	100	
109	92.5	66.1 122.7
188	0.0	2.9 4.3#



#51

Chlorobenzene

Concen: 0.428 ug/L

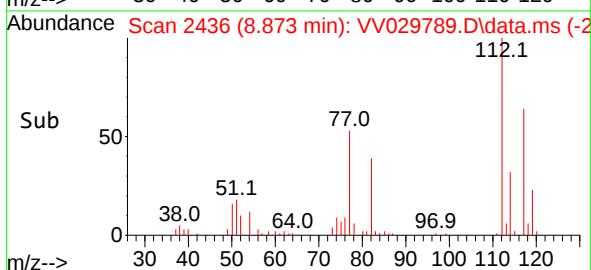
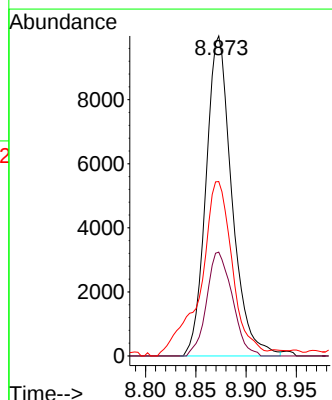
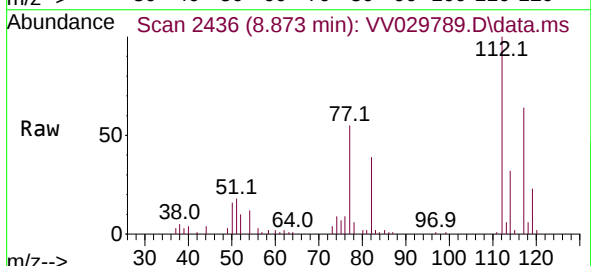
RT: 8.873 min Scan# 2436

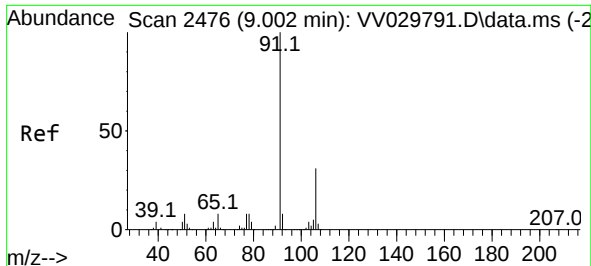
Delta R.T. -0.000 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Tgt Ion:112	Resp:	17918
Ion	Ratio	Lower Upper
112	100	
114	32.5	22.5 41.9
77	54.5	46.1 69.1





#52

Ethylbenzene

Concen: 0.391 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

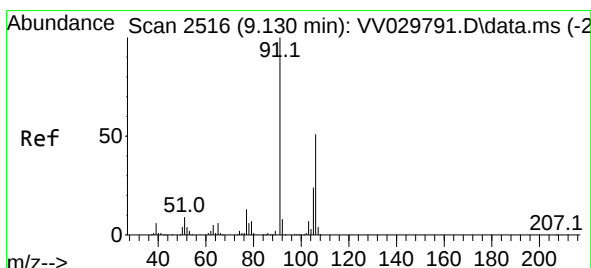
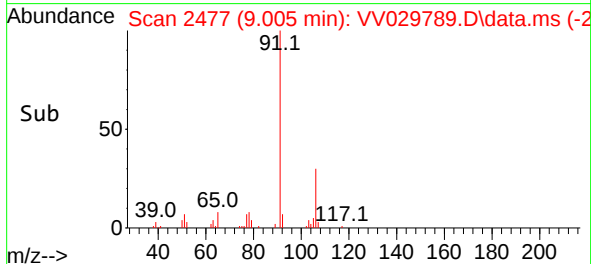
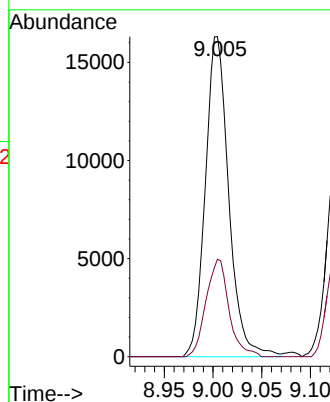
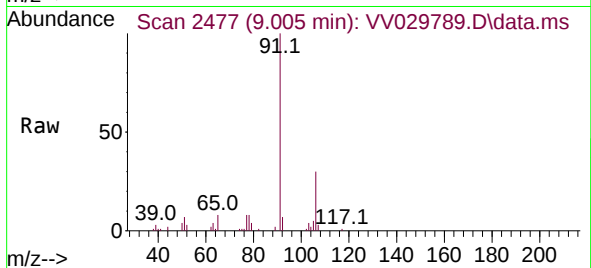
ClientSampleId :

Tgt Ion: 91 Resp: 27224

Ion Ratio Lower Upper

91 100

106 30.4 21.9 40.7



#53

m,p-Xylene

Concen: 0.381 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029789.D

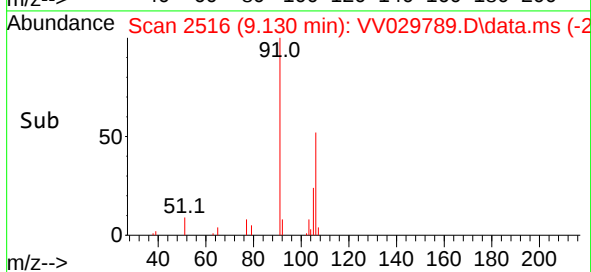
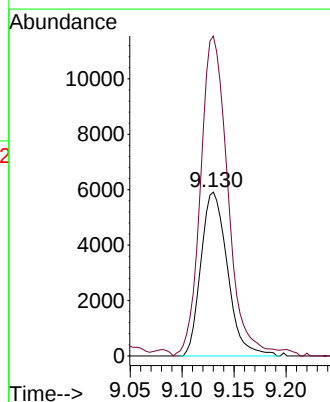
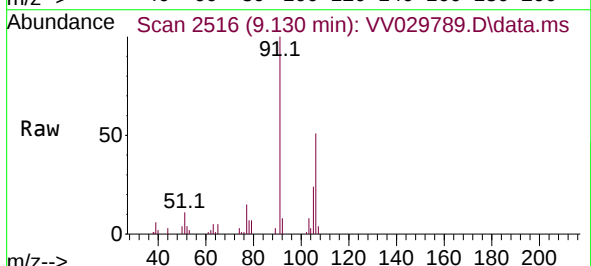
Acq: 12 Jan 2023 16:25

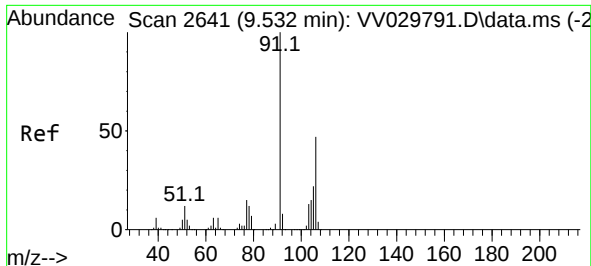
Tgt Ion: 106 Resp: 10526

Ion Ratio Lower Upper

106 100

91 195.3 138.7 257.7

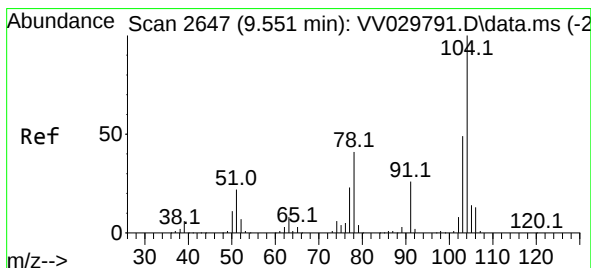
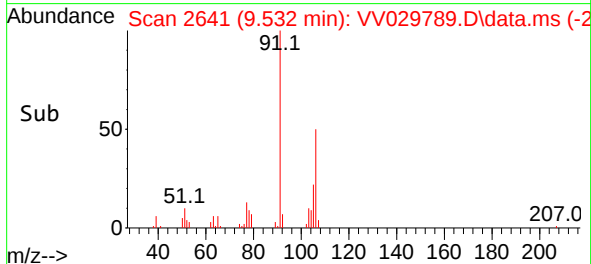
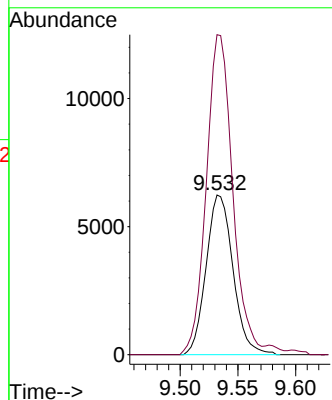
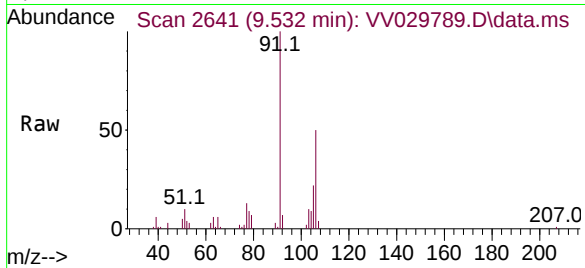




#54
o-Xylene
Concen: 0.377 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

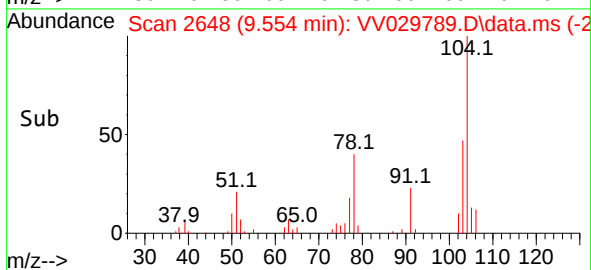
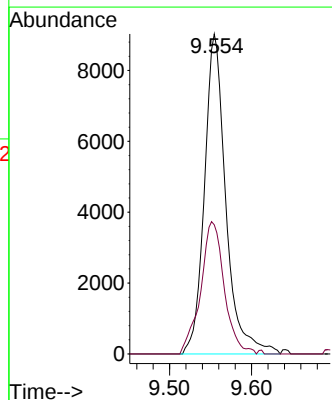
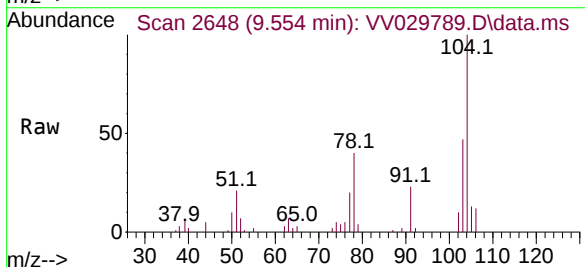
Instrument :
MSVOA_V
ClientSampleId :

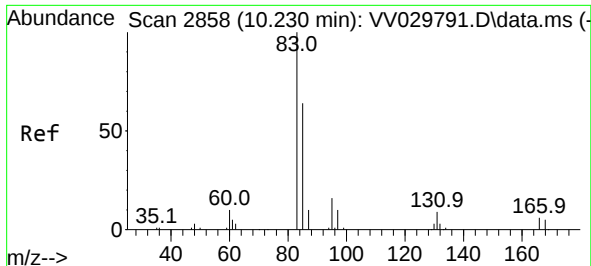
Tgt Ion:106 Resp: 10103
Ion Ratio Lower Upper
106 100
91 200.4 147.7 274.3



#55
Styrene
Concen: 0.358 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion:104 Resp: 16365
Ion Ratio Lower Upper
104 100
78 40.3 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.431 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

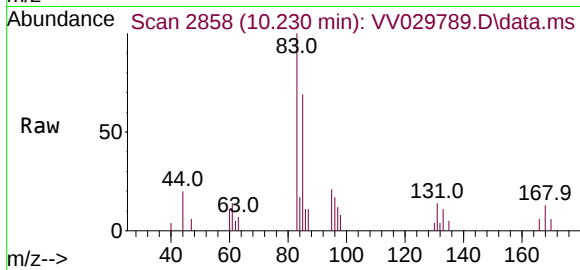
Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :



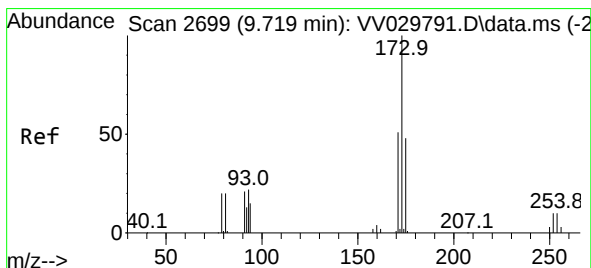
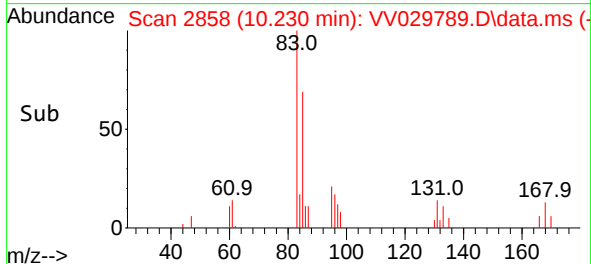
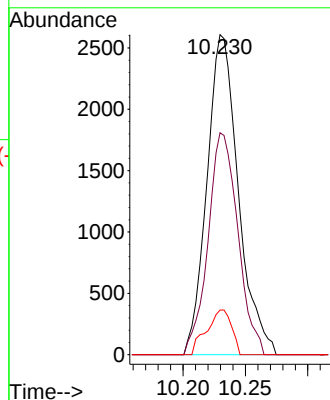
Tgt Ion: 83 Resp: 4572

Ion Ratio Lower Upper

83 100

85 69.4 46.0 85.4

131 14.0 8.4 12.6#



#59

Bromoform

Concen: 0.480 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

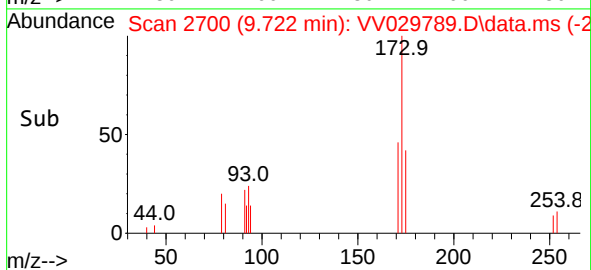
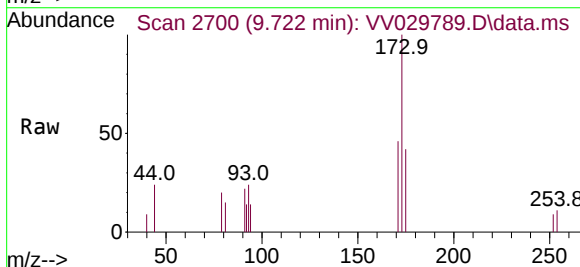
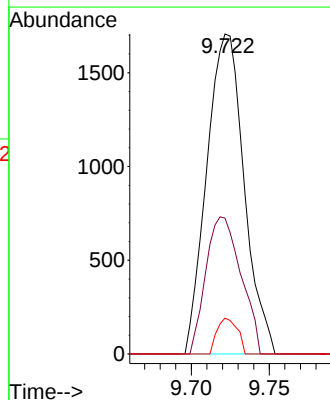
Tgt Ion: 173 Resp: 2839

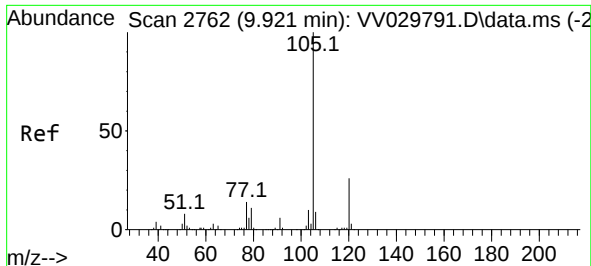
Ion Ratio Lower Upper

173 100

175 40.3 38.6 57.8

254 6.1 7.9 11.9#

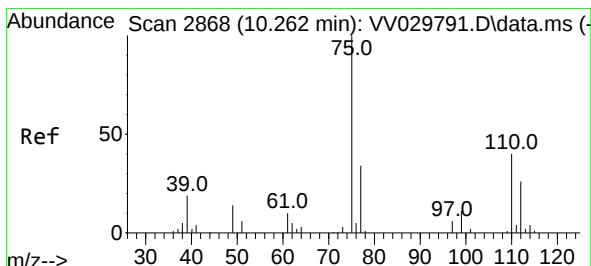
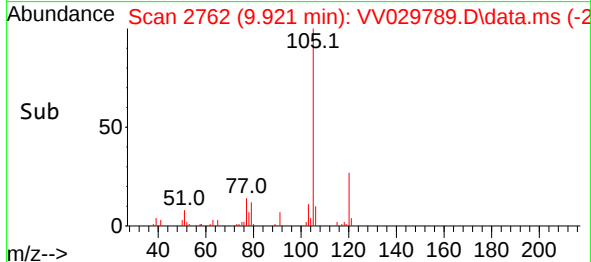
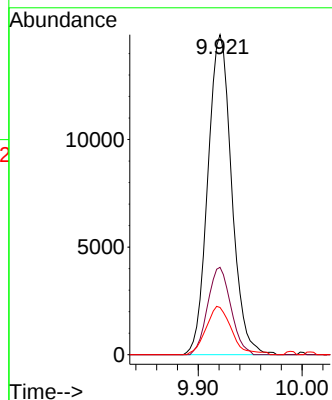
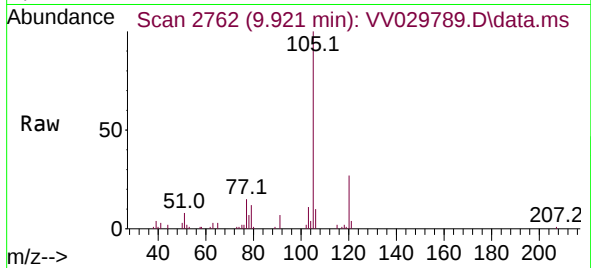




#60
Isopropylbenzene
Concen: 0.342 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

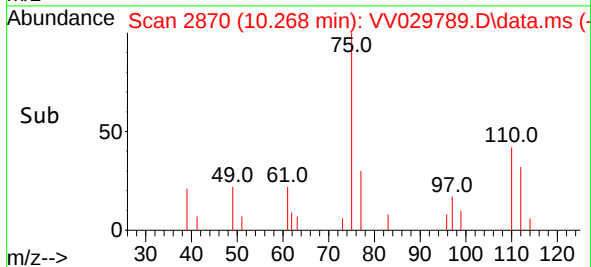
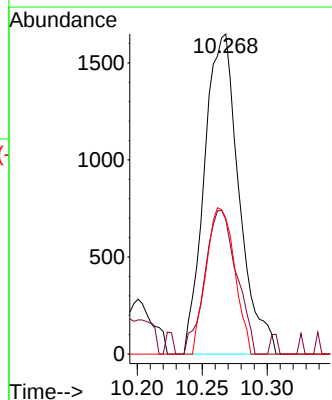
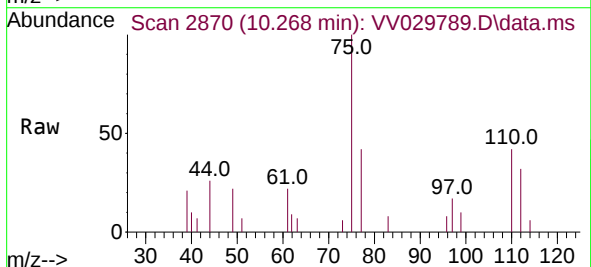
Instrument :
MSVOA_V
ClientSampleId :

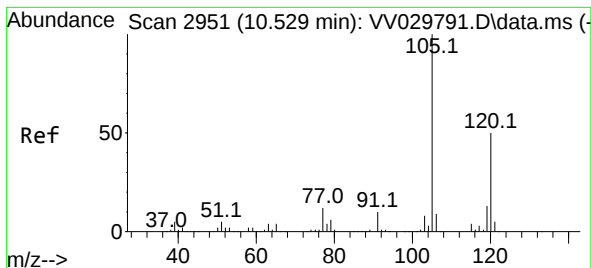
Tgt Ion:105 Resp: 23672
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 16.2 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 0.406 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 75 Resp: 3055
Ion Ratio Lower Upper
75 100
77 41.1 26.5 39.7#
110 37.5 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.347 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

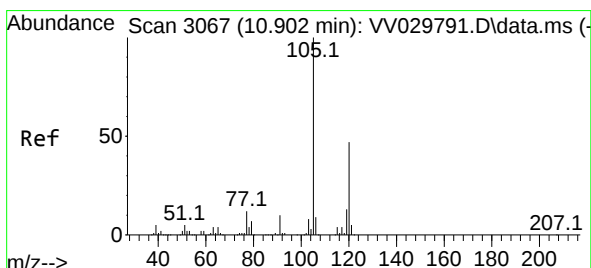
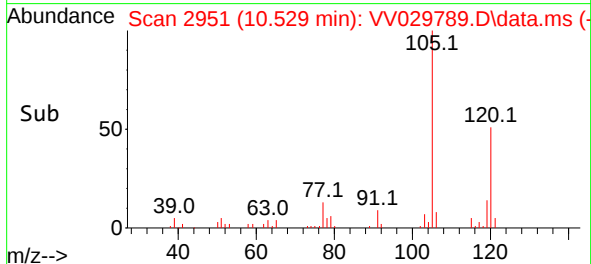
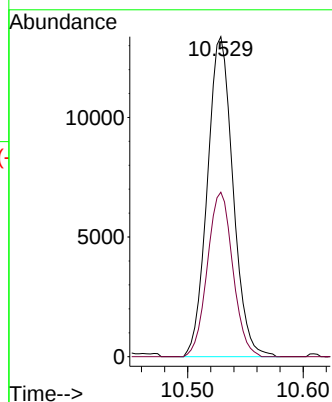
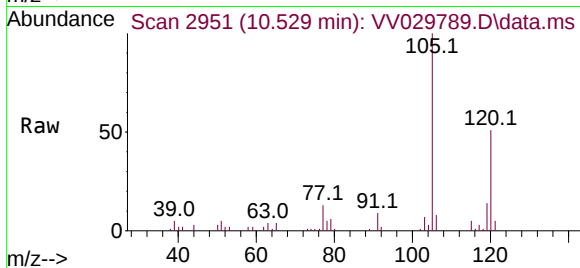
ClientSampleId :

Tgt Ion:105 Resp: 20638

Ion Ratio Lower Upper

105 100

120 50.9 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 0.322 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029789.D

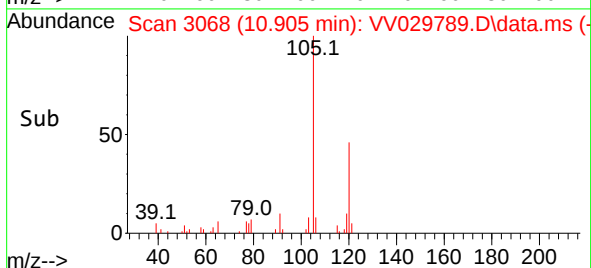
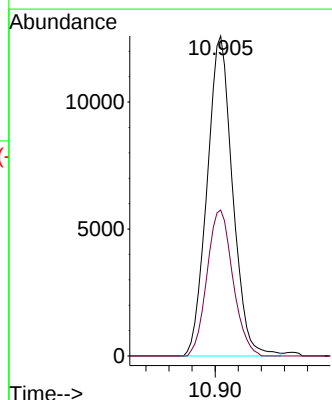
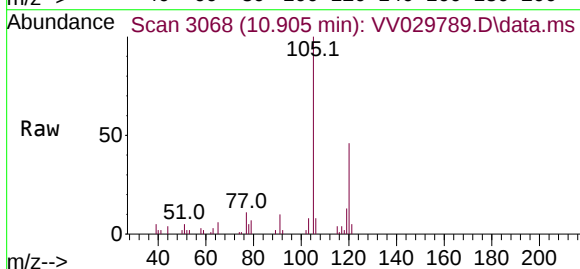
Acq: 12 Jan 2023 16:25

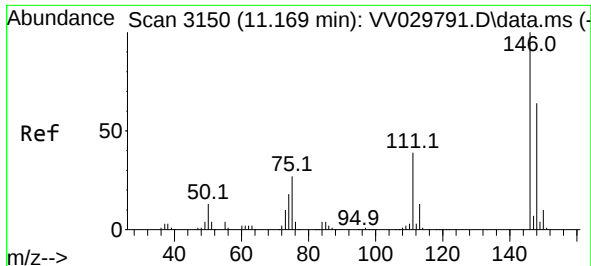
Tgt Ion:105 Resp: 19295

Ion Ratio Lower Upper

105 100

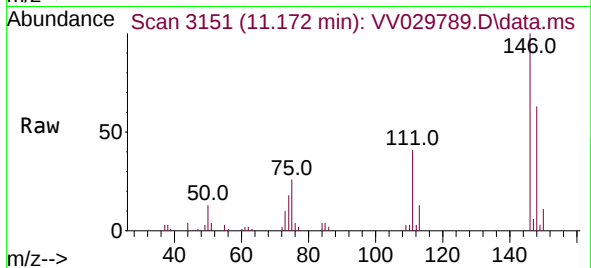
120 46.1 37.4 56.0



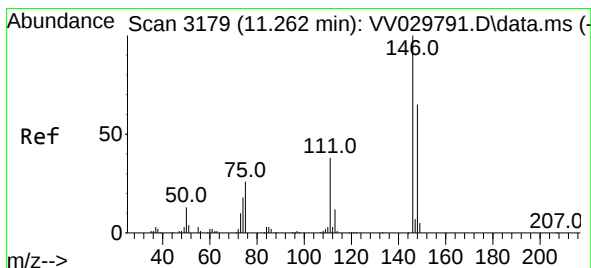
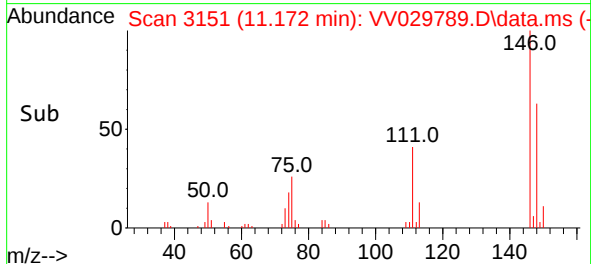
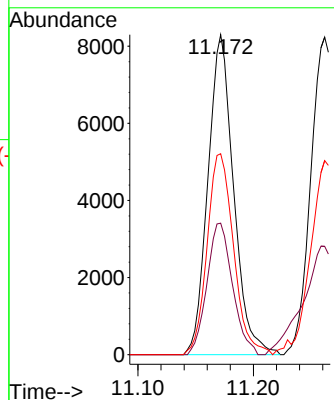


#64
1,3-Dichlorobenzene
Concen: 0.392 ug/L
RT: 11.172 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Instrument :
MSVOA_V
ClientSampleId :

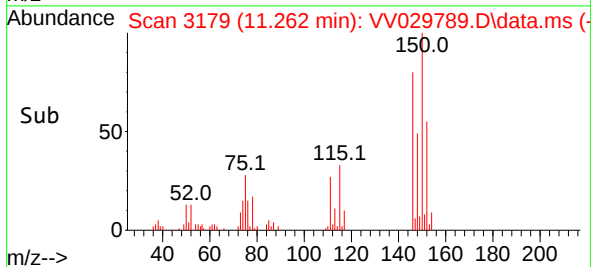
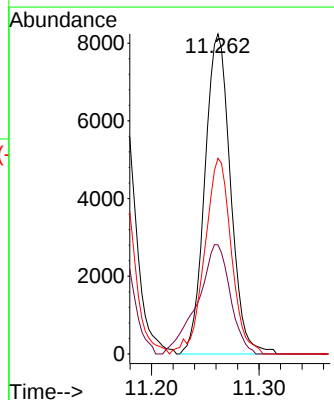
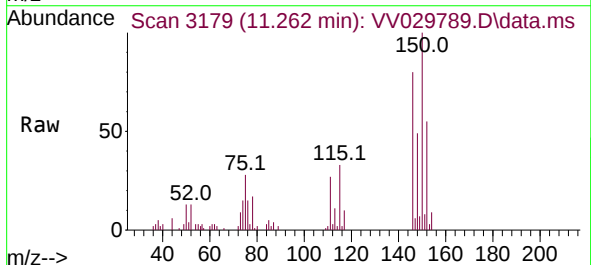


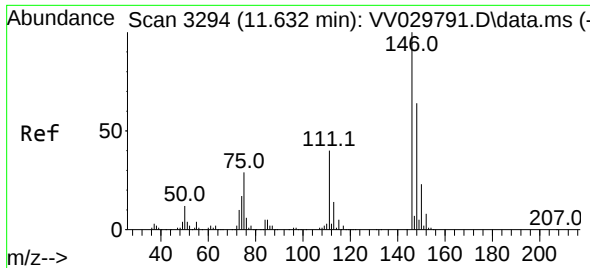
Tgt Ion:146 Resp: 12811
Ion Ratio Lower Upper
146 100
111 41.1 27.2 50.6
148 62.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 0.420 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion:146 Resp: 13616
Ion Ratio Lower Upper
146 100
111 34.1 26.5 49.1
148 61.1 45.8 85.2

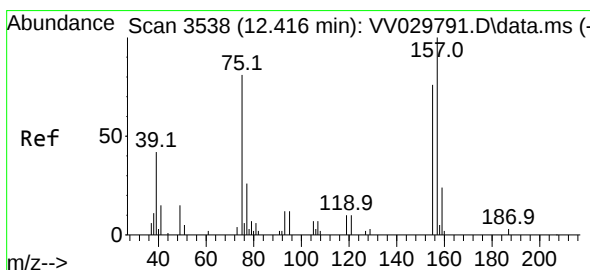
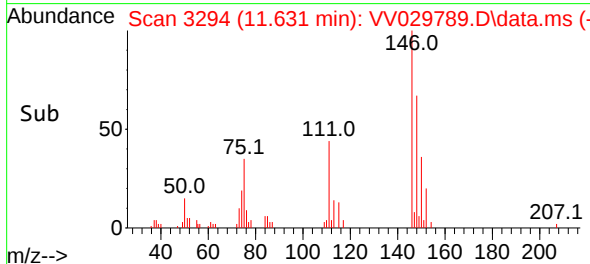
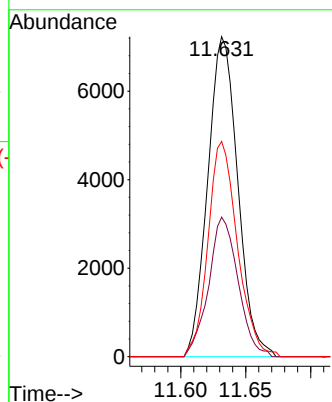
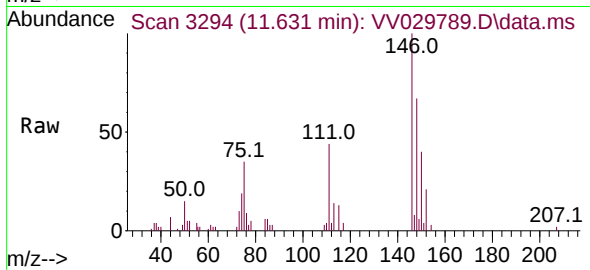




#67
1,2-Dichlorobenzene
Concen: 0.386 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

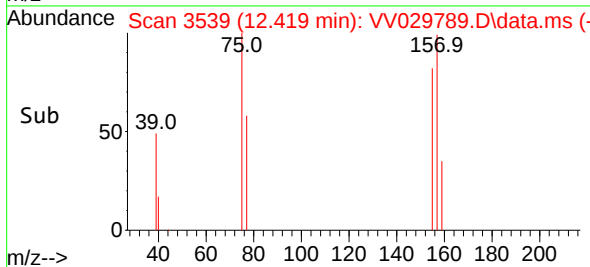
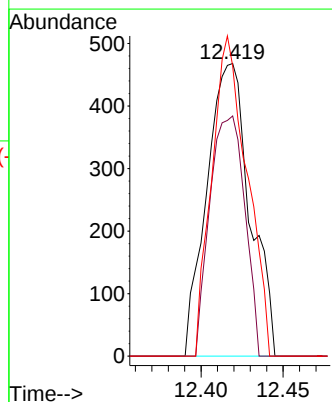
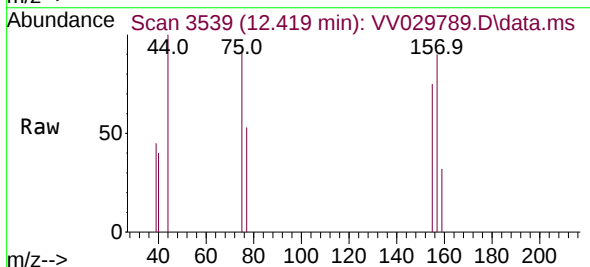
Instrument :
MSVOA_V
ClientSampleId :

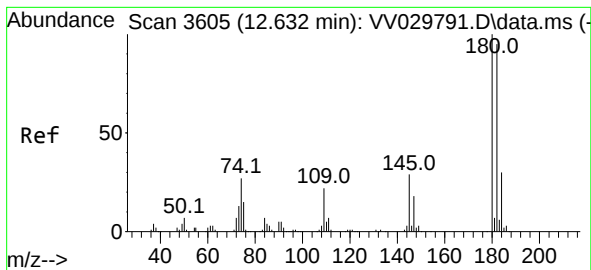
Tgt Ion:146 Resp: 11600
Ion Ratio Lower Upper
146 100
111 43.6 31.8 47.8
148 67.3 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.563 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion: 75 Resp: 856
Ion Ratio Lower Upper
75 100
155 82.1 75.5 113.3
157 99.1 99.2 148.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.389 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 10448

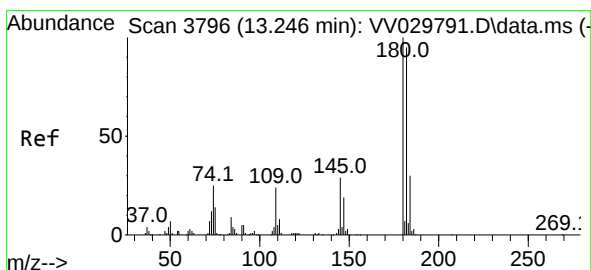
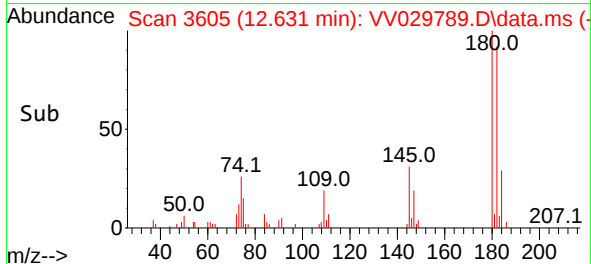
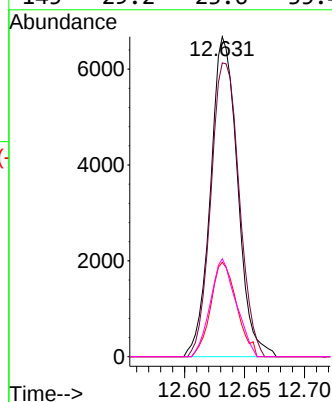
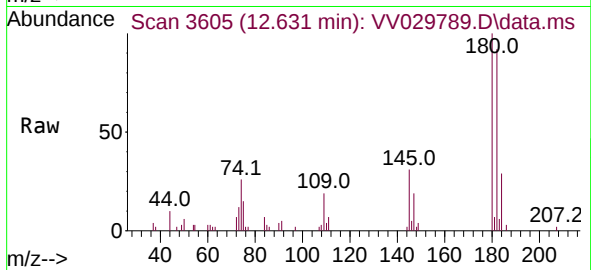
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

184 28.3 23.9 35.9

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 0.357 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.003 min

Lab File: VV029789.D

Acq: 12 Jan 2023 16:25

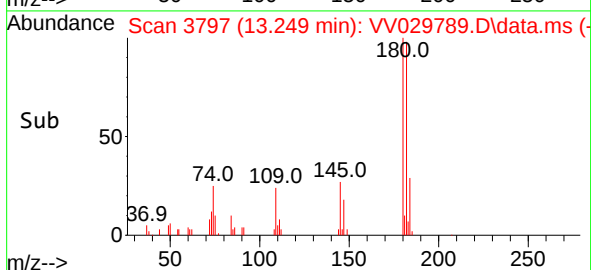
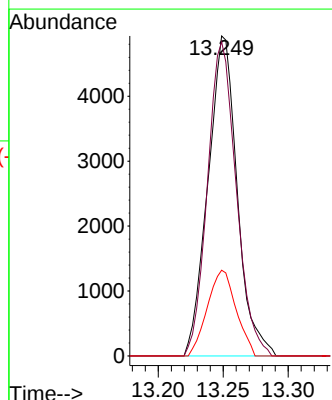
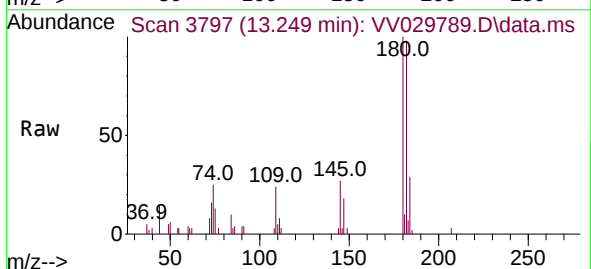
Tgt Ion:180 Resp: 7711

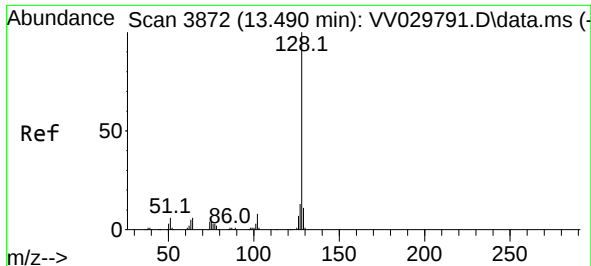
Ion Ratio Lower Upper

180 100

182 96.4 75.8 113.8

145 26.3 23.7 35.5

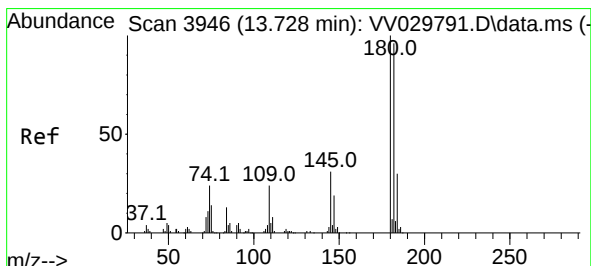
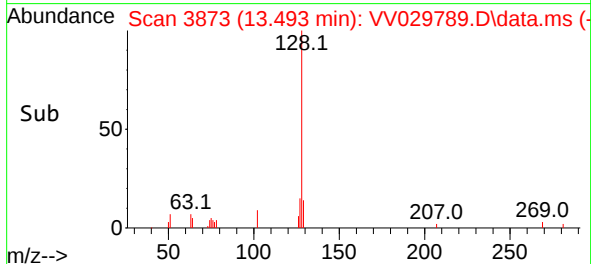
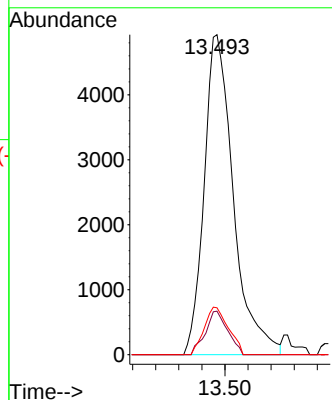
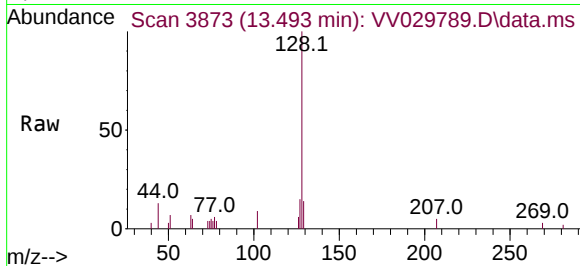




#71
Naphthalene
Concen: 0.415 ug/L
RT: 13.493 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 8660
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.360 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029789.D
Acq: 12 Jan 2023 16:25

Tgt Ion:180 Resp: 6356
Ion Ratio Lower Upper
180 100
182 94.0 75.5 113.3
145 30.4 25.0 37.6

