

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029800.D
 Acq On : 13 Jan 2023 11:55
 Operator : SY/MD
 Sample : 01136-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC1

Quant Time: Jan 13 22:50:41 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	205399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	202695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	106114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74465	4.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	64006	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.105	63	112643	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.889	46	136921	49.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	4.339	84	139958	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.024	65	60799	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	294828	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.059	67	90038	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.307	98	258172	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	29347	4.566	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.085	63	126993	48.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63665	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	101435	5.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1209	0.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1371	0.090	ug/L #	34
12) 1,1-Dichloroethene	2.114	96	34238	1.952	ug/L #	66
17) Methyl tert-butyl Ether	2.764	73	30329	1.000	ug/L	97
19) 1,1-Dichloroethane	3.185	63	8046	0.295	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	1382	0.080	ug/L	77
25) Chloroform	4.368	83	4601	0.155	ug/L	99
27) 1,2-Dichloroethane	5.043	62	1496	0.104	ug/L #	71
29) 1,1,1-Trichloroethane	4.600	97	32722	1.243	ug/L	99
31) Carbon tetrachloride	4.600	117	4061	0.177	ug/L	95
34) Trichloroethene	5.905	95	294703	17.352	ug/L	96
35) Methylcyclohexane	6.059	83	21425	0.747	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8726	0.556	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	1699	0.081	ug/L #	80
47) Tetrachloroethene	7.969	164	10743	0.751	ug/L	96
49) Dibromochloromethane	7.966	129	9281	0.699	ug/L #	11
53) m,p-Xylene	9.130	106	1954	0.065	ug/L	89
61) 1,2,3-Trichloropropane	11.236	75	11708	1.490	ug/L #	65
71) Naphthalene	13.496	128	2194	0.078	ug/L #	87

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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

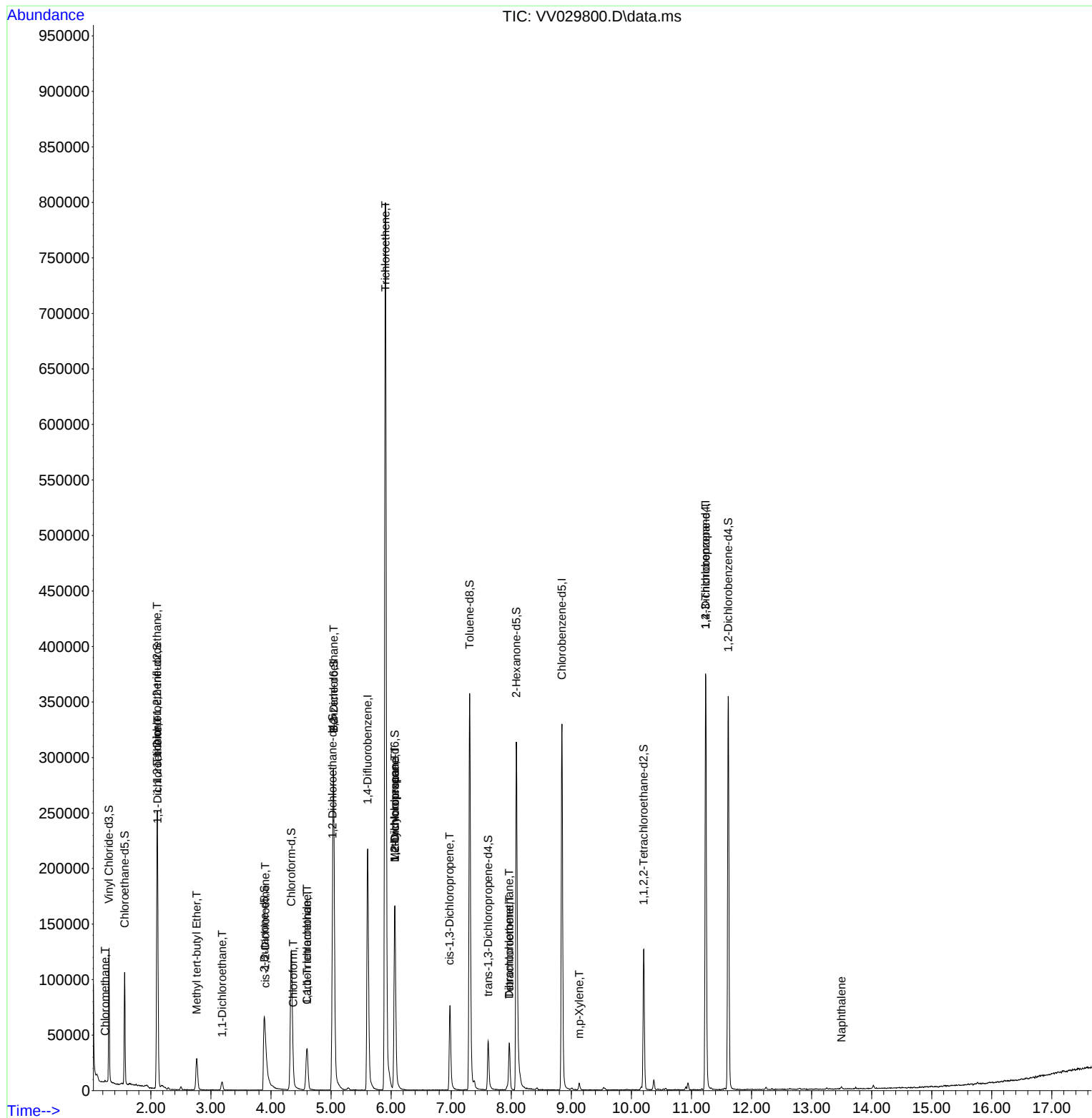
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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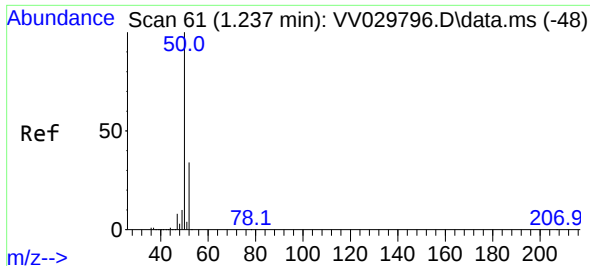
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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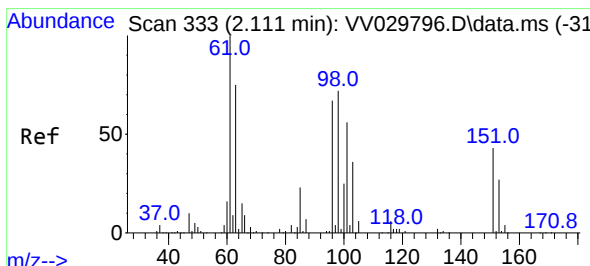
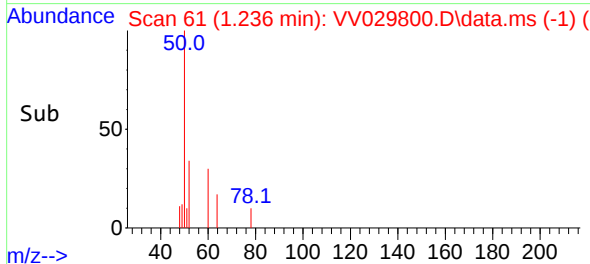
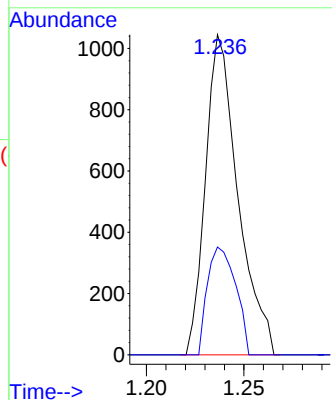
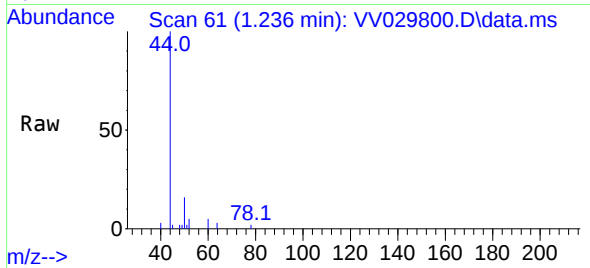




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

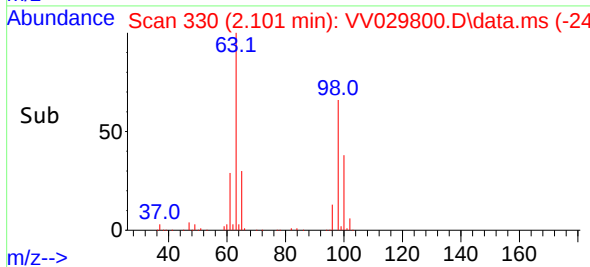
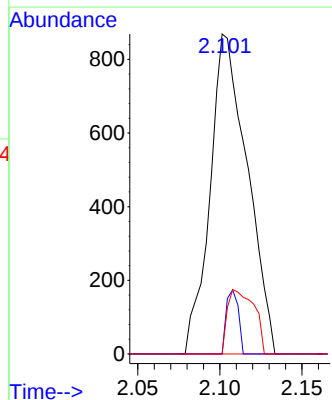
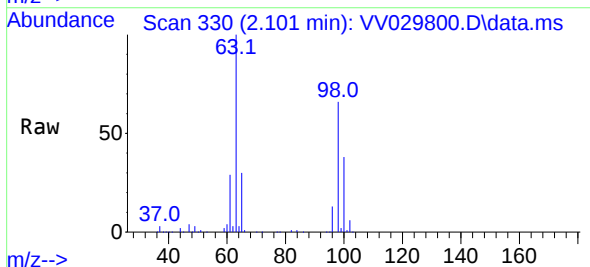
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

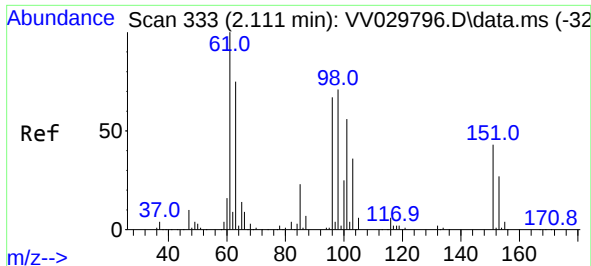
Tgt Ion: 50 Resp: 1209
Ion Ratio Lower Upper
50 100
52 33.7 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 101 Resp: 1371
Ion Ratio Lower Upper
101 100
85 6.4 32.9 49.3#
151 14.3 60.9 91.3#

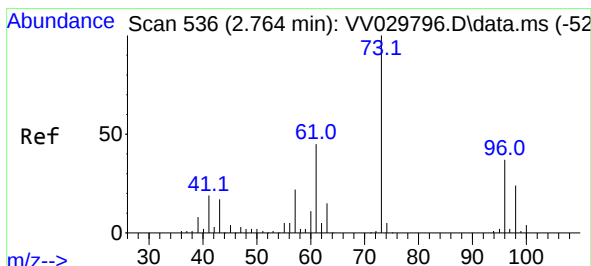
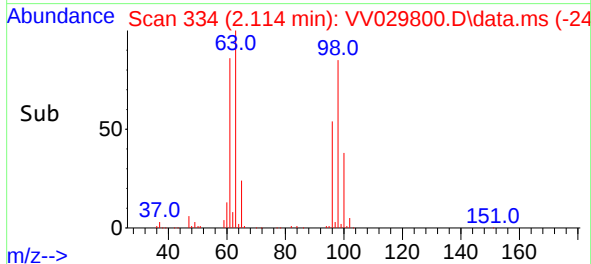
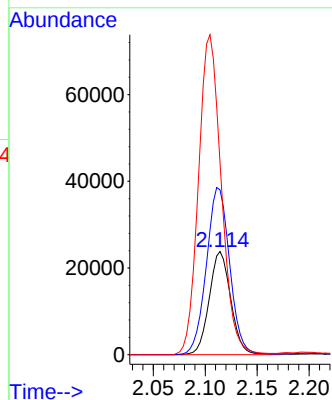
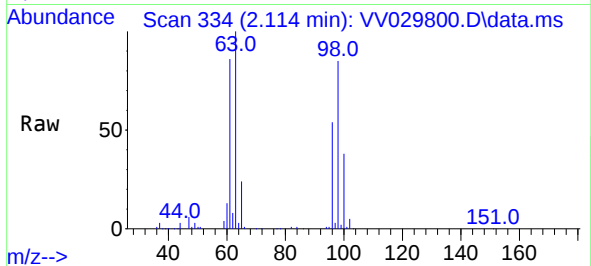




#12
1,1-Dichloroethene
Concen: 1.952 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

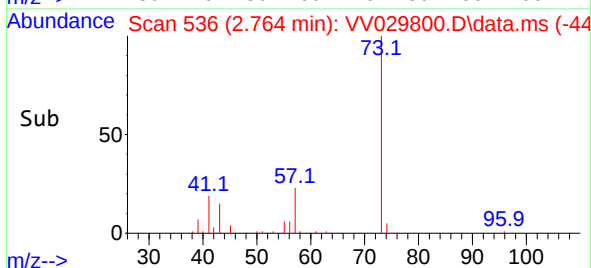
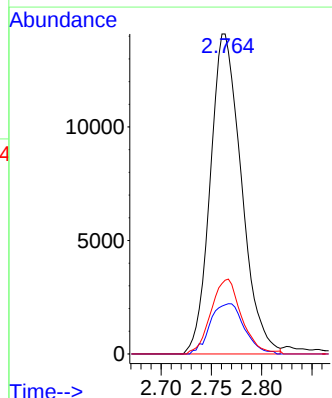
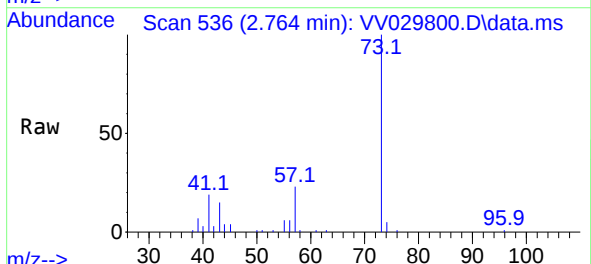
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

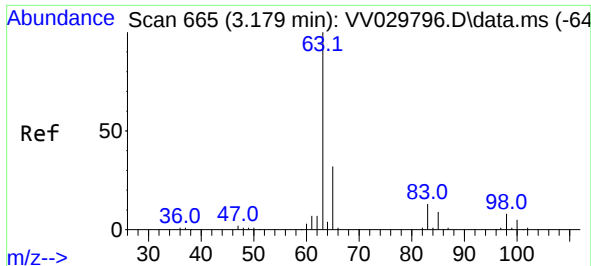
Tgt Ion: 96 Resp: 34238
Ion Ratio Lower Upper
96 100
61 159.7 106.1 197.1
63 185.7 76.4 141.8#



#17
Methyl tert-butyl Ether
Concen: 1.000 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 73 Resp: 30329
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 23.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.295 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

Instrument :

MSVOA_V

ClientSampleId :

BGJC1

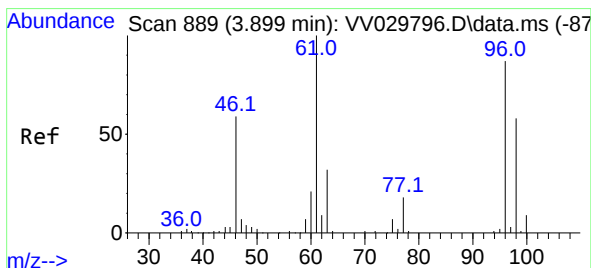
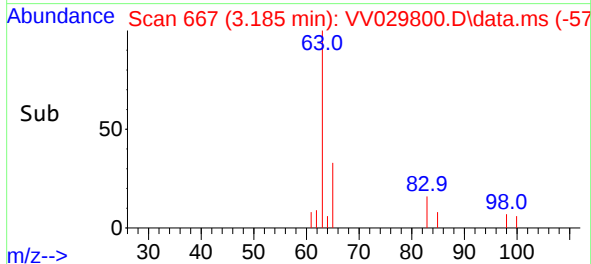
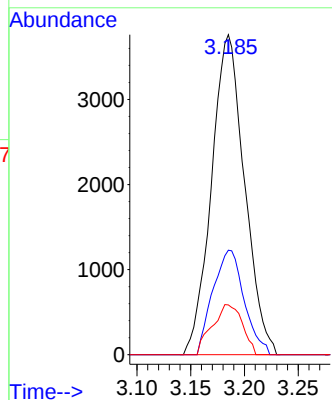
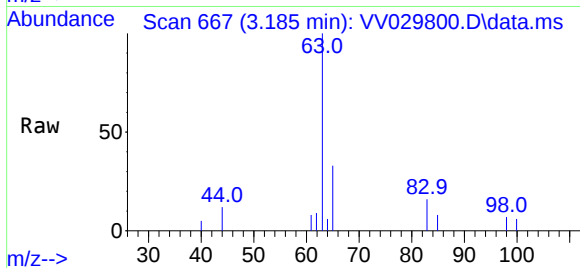
Tgt Ion: 63 Resp: 8046

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 15.6 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.080 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

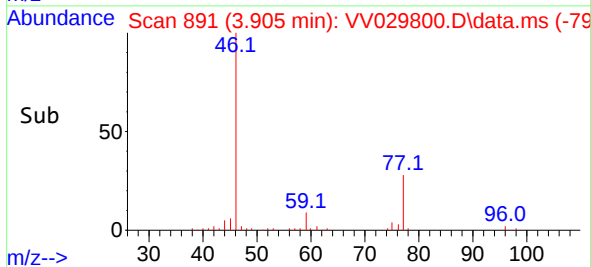
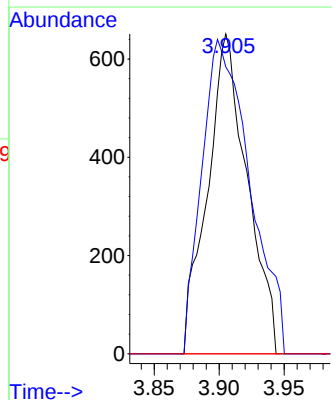
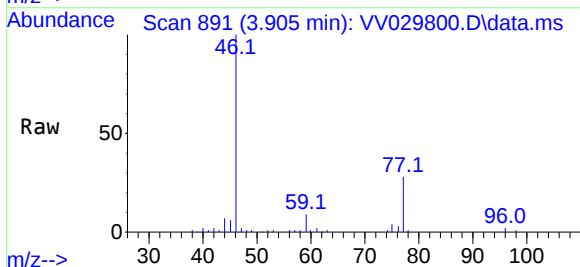
Tgt Ion: 96 Resp: 1382

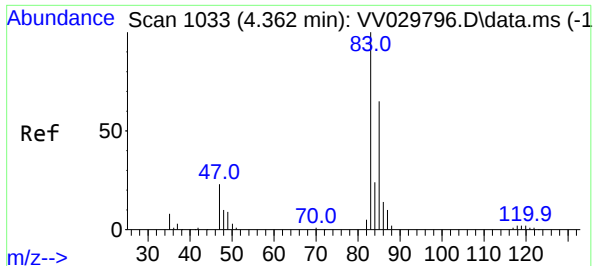
Ion Ratio Lower Upper

96 100

61 89.7 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.155 ug/L

RT: 4.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

Instrument :

MSVOA_V

ClientSampleId :

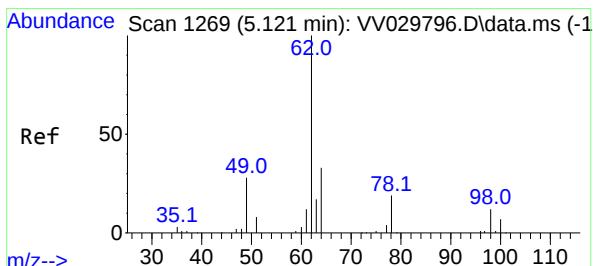
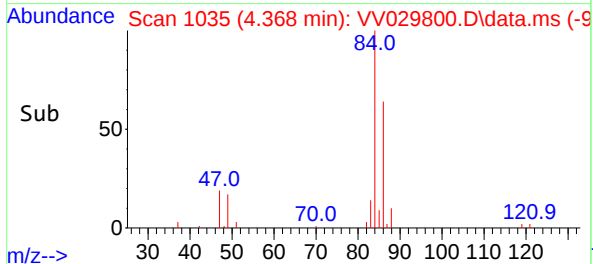
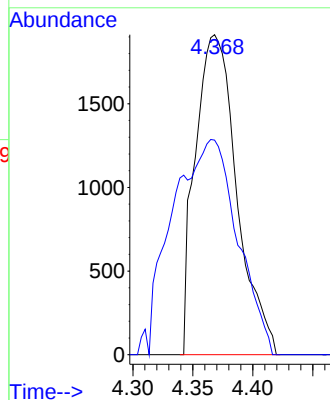
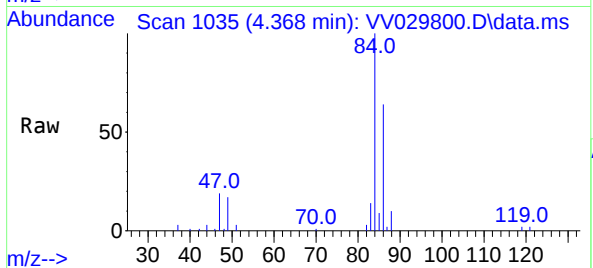
BGJC1

Tgt Ion: 83 Resp: 4601

Ion Ratio Lower Upper

83 100

85 67.1 46.5 86.5



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.077 min

Lab File: VV029800.D

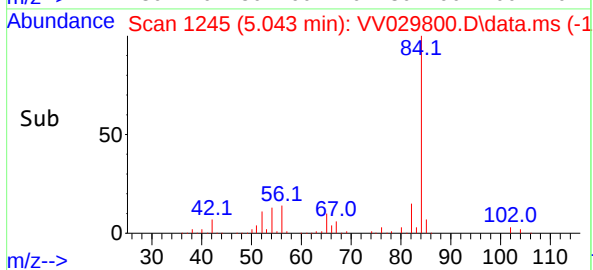
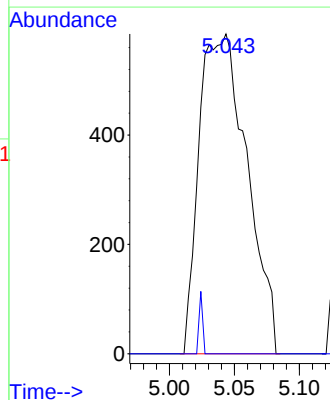
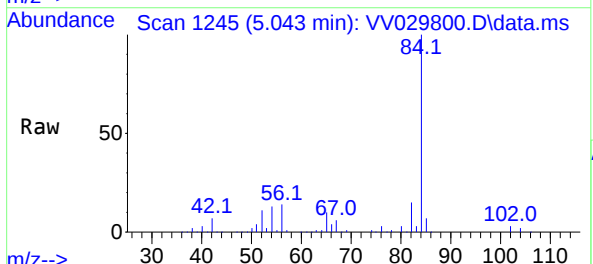
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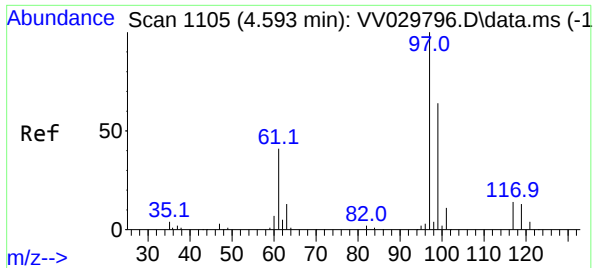
Tgt Ion: 62 Resp: 1496

Ion Ratio Lower Upper

62 100

98 0.0 8.9 13.3#

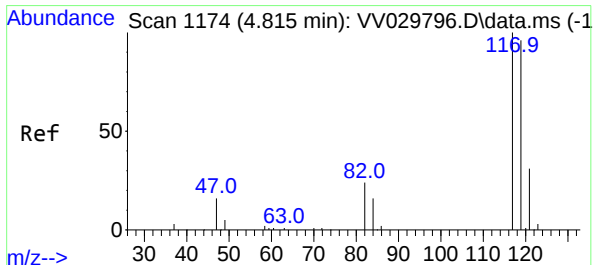
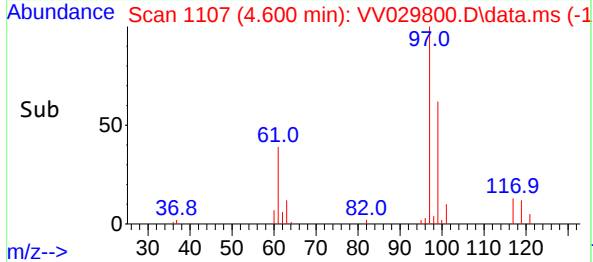
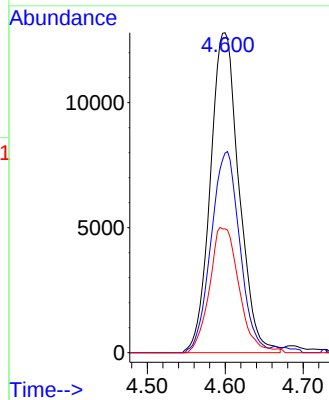
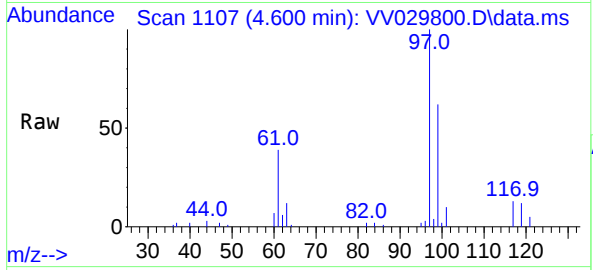




#29
1,1,1-Trichloroethane
Concen: 1.243 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

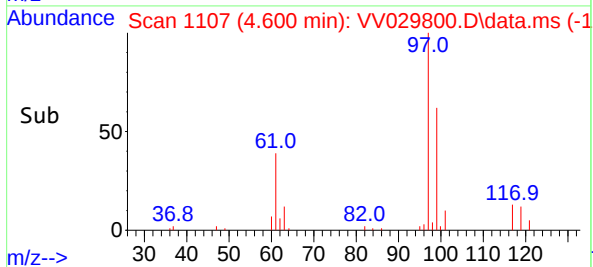
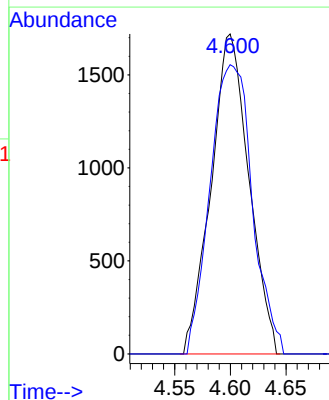
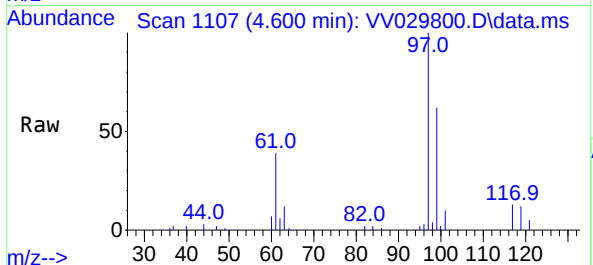
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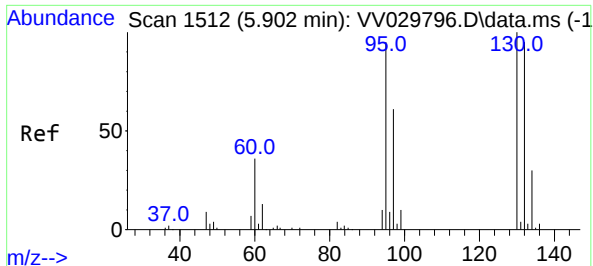
Tgt Ion: 97 Resp: 32722
Ion Ratio Lower Upper
97 100
99 63.0 51.3 76.9
61 40.2 31.6 47.4



#31
Carbon tetrachloride
Concen: 0.177 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.216 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 117 Resp: 4061
Ion Ratio Lower Upper
117 100
119 100.9 76.6 114.8





#34

Trichloroethene

Concen: 17.352 ug/L

RT: 5.905 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

Instrument :

MSVOA_V

ClientSampleId :

BGJC1

Tgt Ion: 95 Resp: 294703

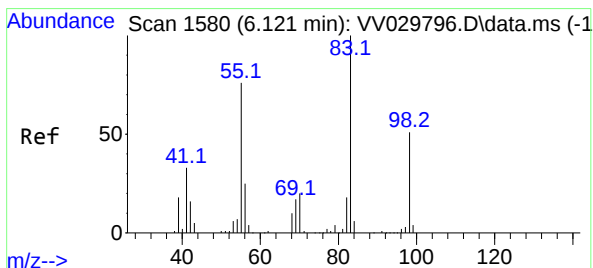
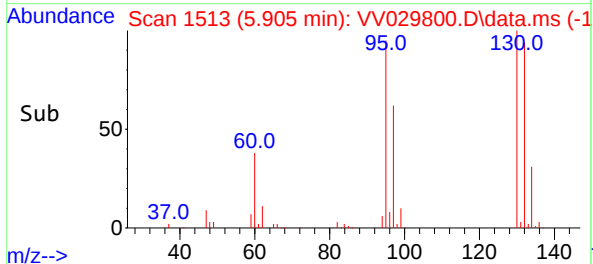
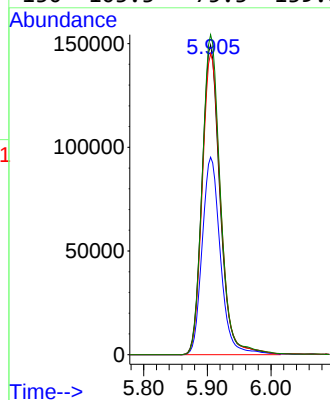
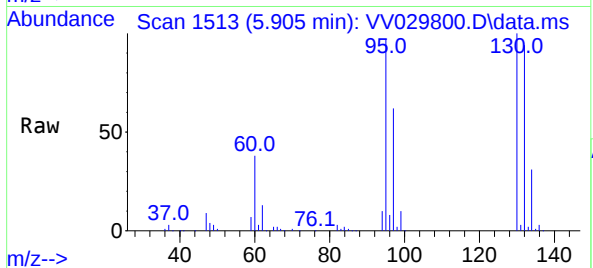
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.3

132 97.2 71.8 133.4

130 103.3 75.3 139.8



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.061 min

Lab File: VV029800.D

Acq: 13 Jan 2023 11:55

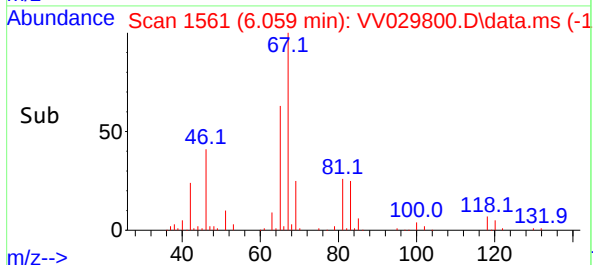
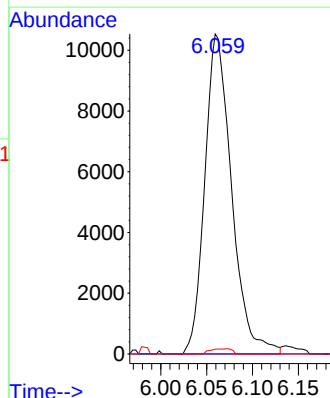
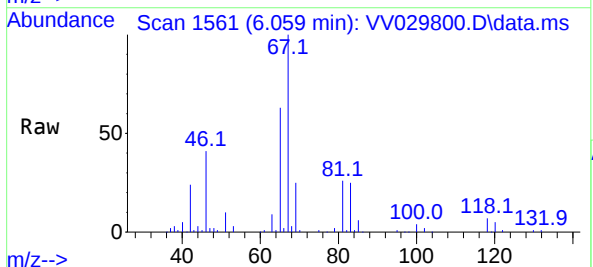
Tgt Ion: 83 Resp: 21425

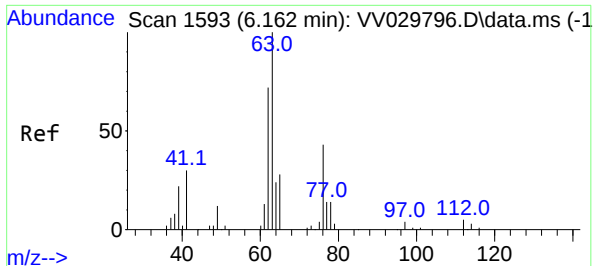
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.3 39.0 58.6#

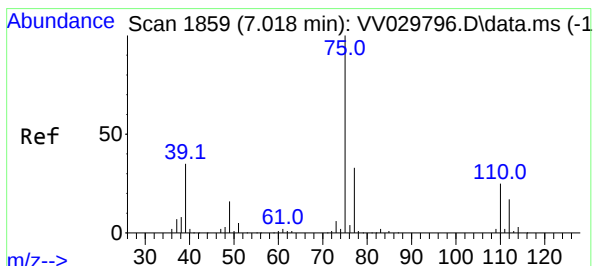
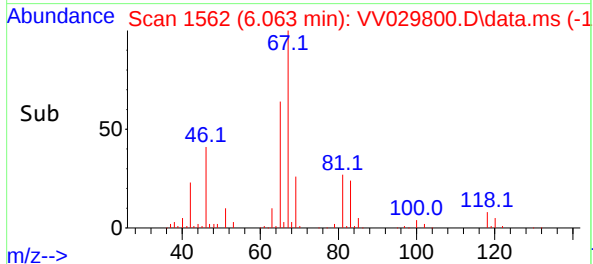
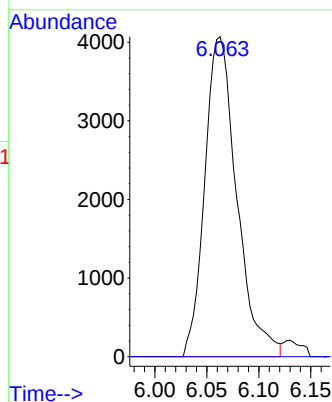
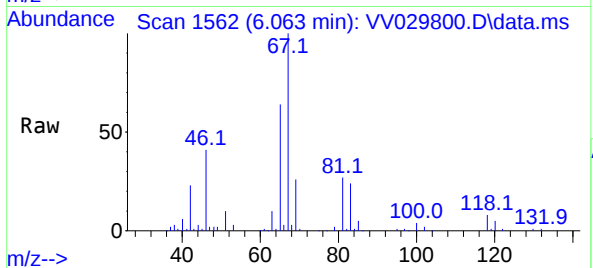




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

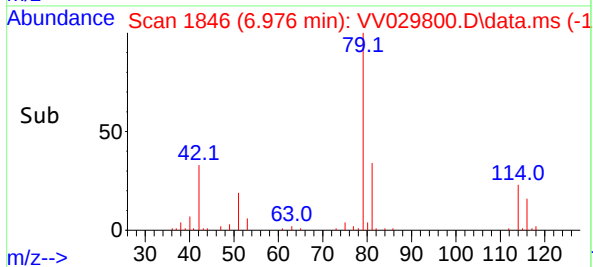
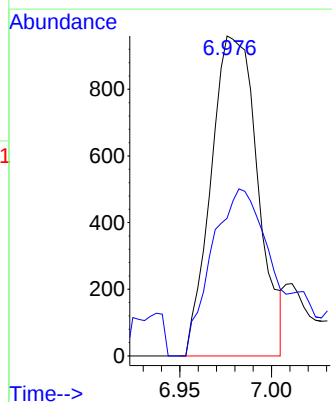
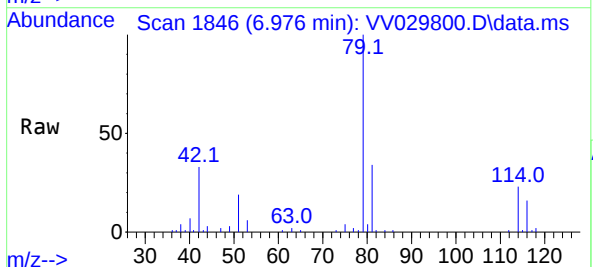
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

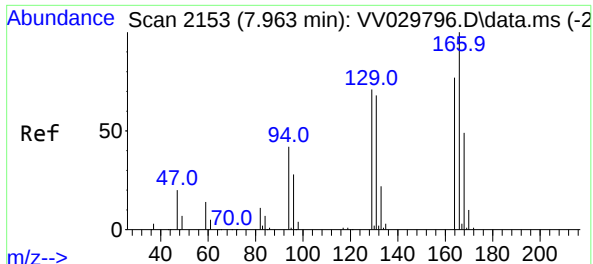
Tgt Ion: 63 Resp: 8726
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. -0.042 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 43.0 22.4 41.6#

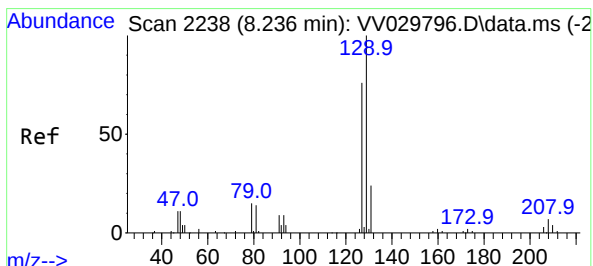
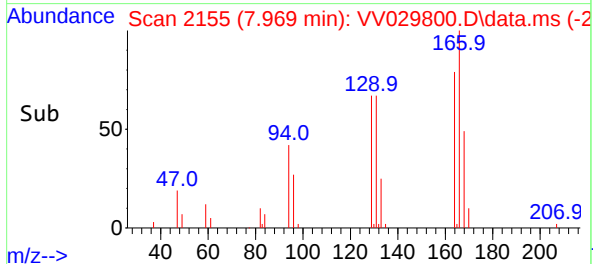
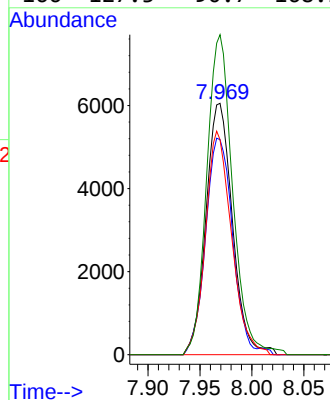
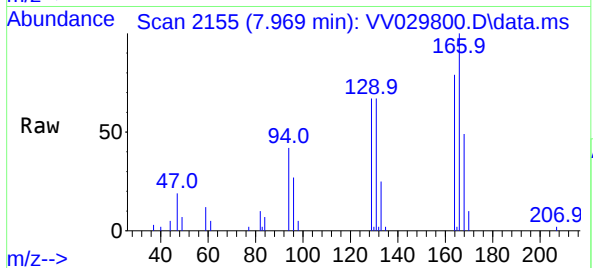




#47
Tetrachloroethene
Concen: 0.751 ug/L
RT: 7.969 min Scan# 2154
Delta R.T. 0.003 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

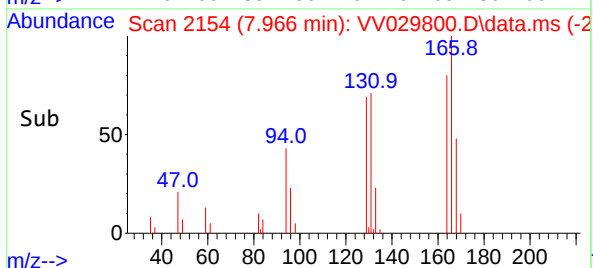
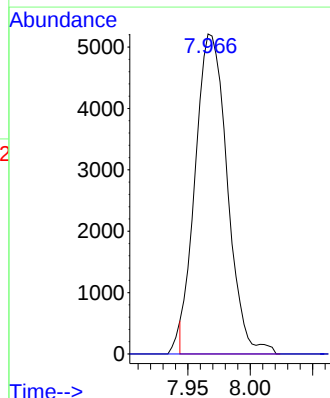
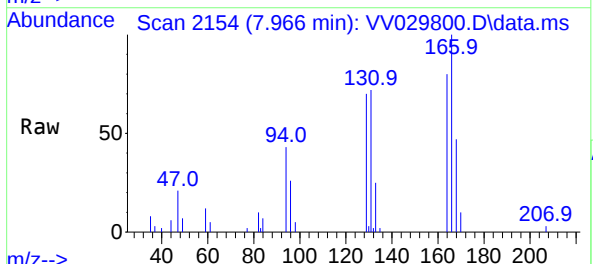
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

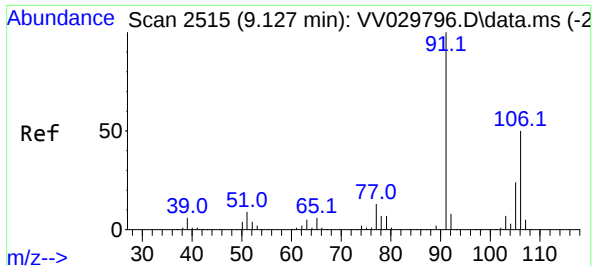
Tgt Ion:164 Resp: 10743
Ion Ratio Lower Upper
164 100
129 85.6 64.5 119.7
131 85.6 62.9 116.7
166 127.3 90.7 168.5



#49
Dibromochloromethane
Concen: 0.699 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.270 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Tgt Ion:129 Resp: 9281
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

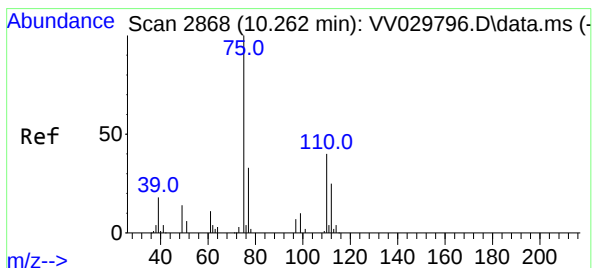
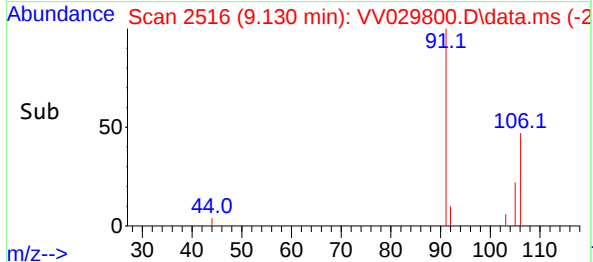
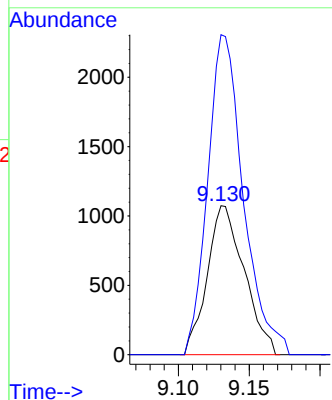
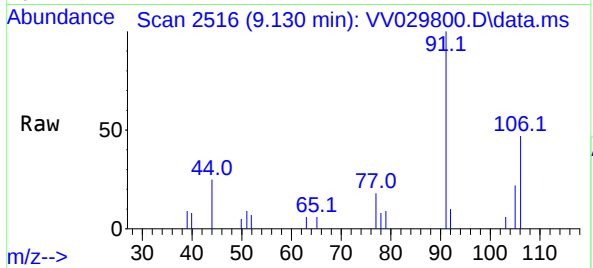




#53
m,p-Xylene
Concen: 0.065 ug/L
RT: 9.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

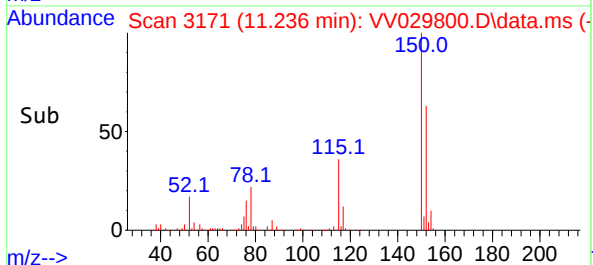
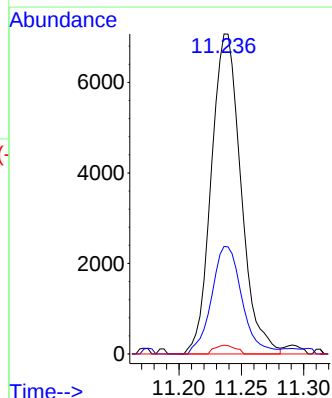
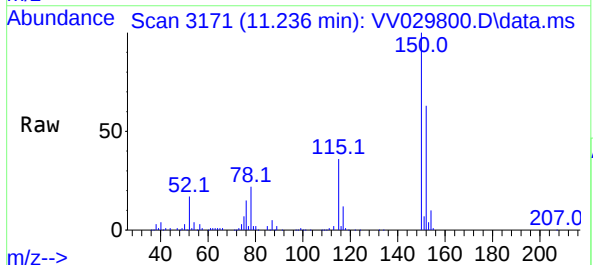
Instrument :
MSVOA_V
ClientSampleId :
BGJC1

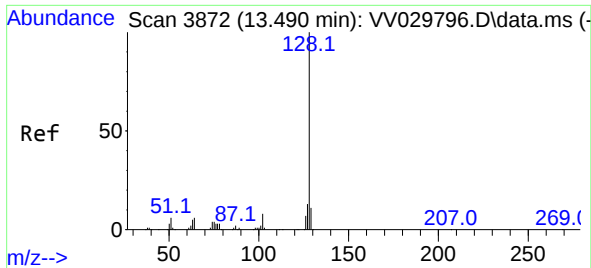
Tgt Ion:106 Resp: 1954
Ion Ratio Lower Upper
106 100
91 214.8 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.490 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

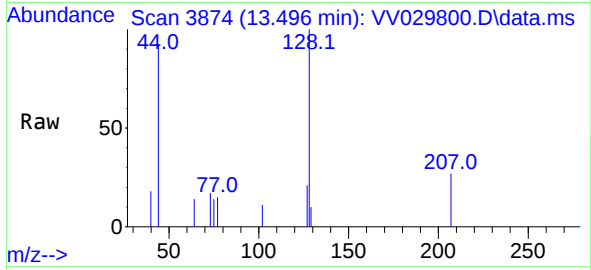
Tgt Ion: 75 Resp: 11708
Ion Ratio Lower Upper
75 100
77 34.4 26.5 39.7
110 1.9 31.8 47.8#





#71
Naphthalene
Concen: 0.078 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.006 min
Lab File: VV029800.D
Acq: 13 Jan 2023 11:55

Instrument : MSVOA_V
ClientSampleId : BGJC1



Tgt Ion:	128	Resp:	2194
Ion	Ratio	Lower	Upper
128	100		
129	1.9	8.6	12.8#
127	10.8	10.0	15.0

