

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025410.D
 Acq On : 08 Apr 2022 15:11
 Operator : SY/MD
 Sample : N2319-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 05:09:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72216	5.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.571	69	60674	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.111	63	109140	3.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.899	46	80491	47.889	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.349	84	100835	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.034	65	46009	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	213237	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.069	67	59542	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.313	98	188253	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.625	79	16891	4.485	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	61923	46.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36401	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62872	5.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	656	0.045	ug/L	98
6) Bromomethane	1.529	94	606	0.051	ug/L #	62
9) Trichlorofluoromethane	1.754	101	9488	0.410	ug/L	97
12) 1,1-Dichloroethene	2.117	96	4687	0.364	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1517	0.076	ug/L #	86
25) Chloroform	4.378	83	23805	1.233	ug/L	96
34) Trichloroethene	5.915	95	54249	4.981	ug/L	99
35) Methylcyclohexane	6.069	83	14848	0.854	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6578	0.693	ug/L #	85
38) Bromodichloromethane	6.513	83	1756	0.149	ug/L #	95
44) trans-1,3-Dichloropropene	7.625	75	769	0.080	ug/L	89
45) 1,1,2-Trichloroethane	7.972	97	604	0.095	ug/L #	5
47) Tetrachloroethene	7.972	164	66307	7.776	ug/L	98
49) Dibromochloromethane	7.972	129	62811	9.003	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	260	0.061	ug/L #	57
70) 1,2,4-trichlorobenzene	13.268	180	720	0.065	ug/L #	20
71) Naphthalene	13.509	128	2078	0.129	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.747	180	838	0.092	ug/L #	78

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 09 05:09:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 04:40:11 2022
Response via : Initial Calibration

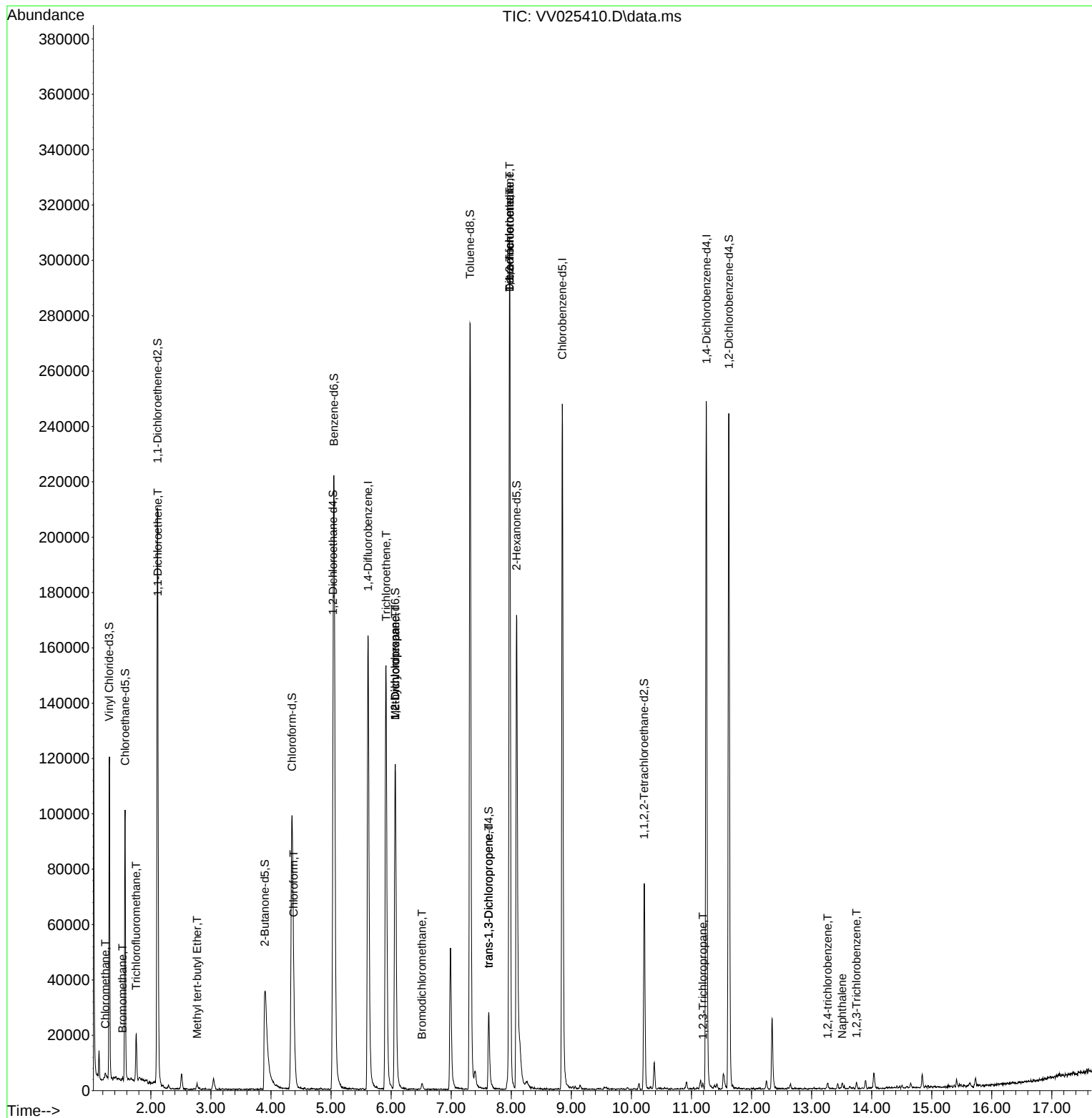
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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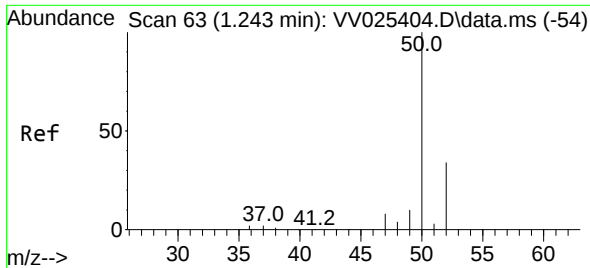
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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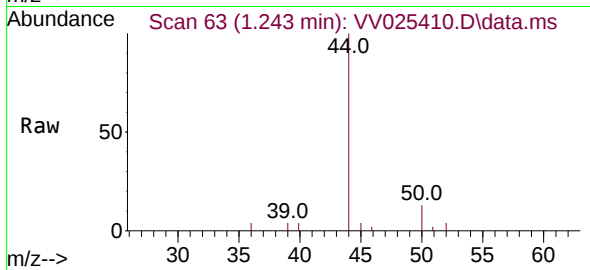
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 04:40:11 2022
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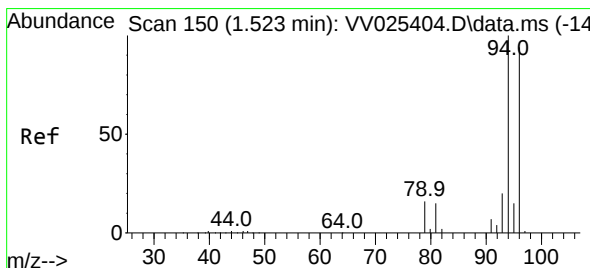
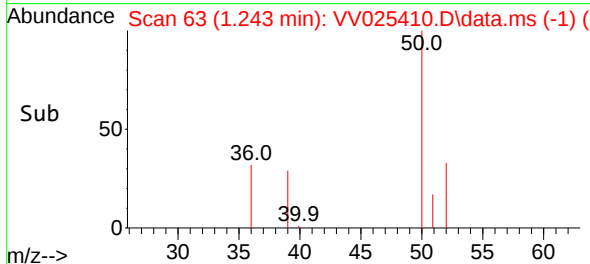
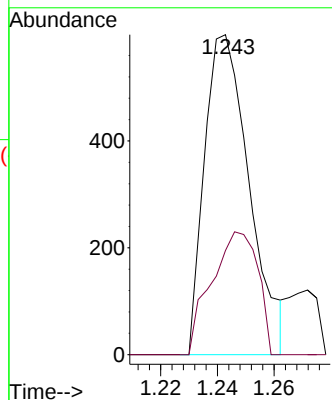


#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Instrument :
MSVOA_V
ClientSampleId :

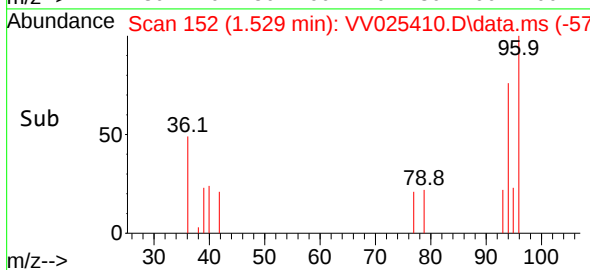
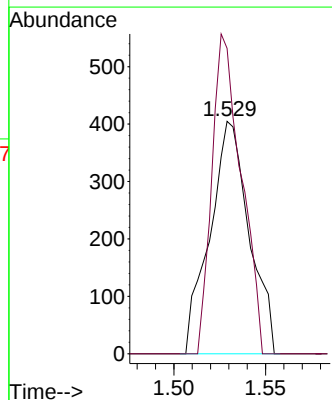
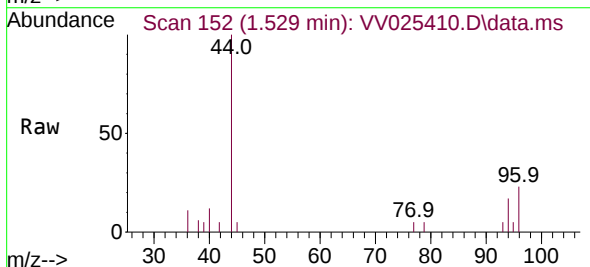


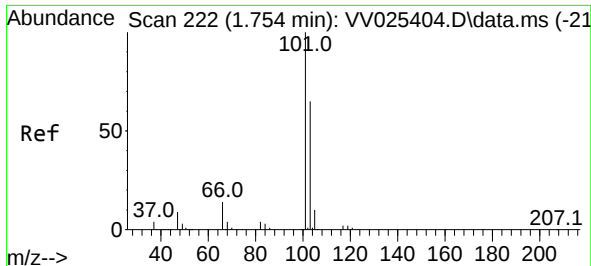
Tgt Ion: 50 Resp: 656
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.006 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 131.4 66.1 122.7#

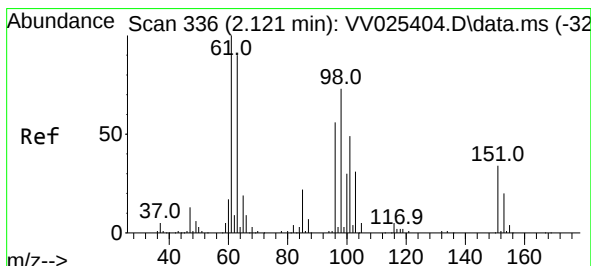
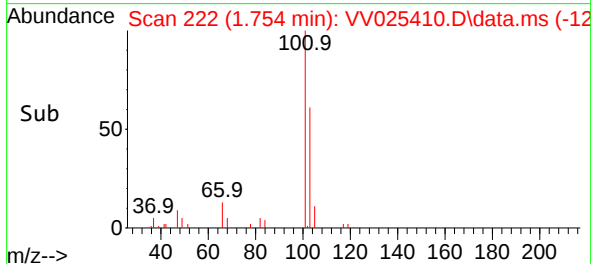
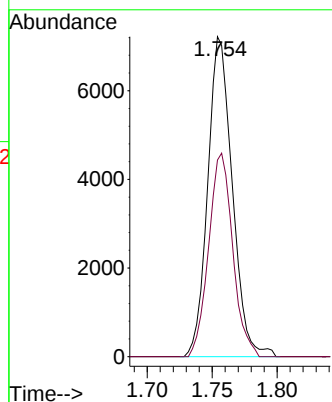
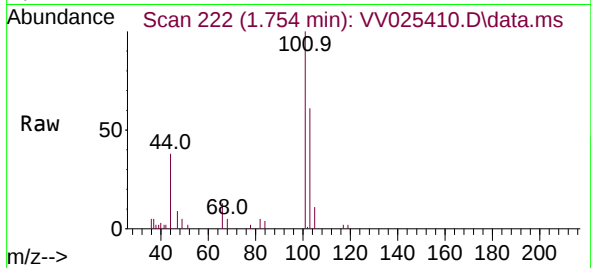




#9
 Trichlorofluoromethane
 Concen: 0.410 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025410.D
 Acq: 08 Apr 2022 15:11

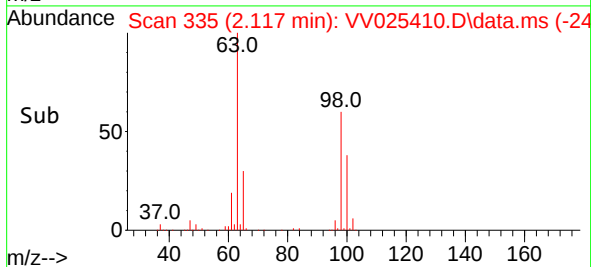
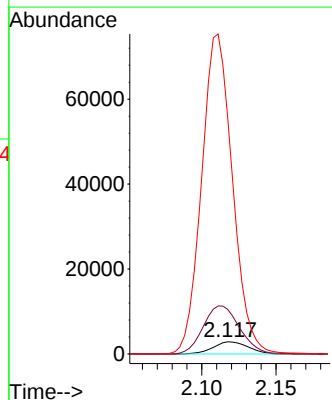
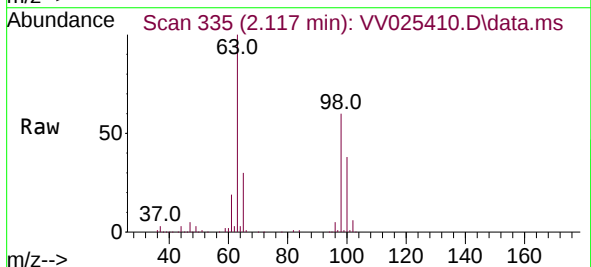
Instrument :
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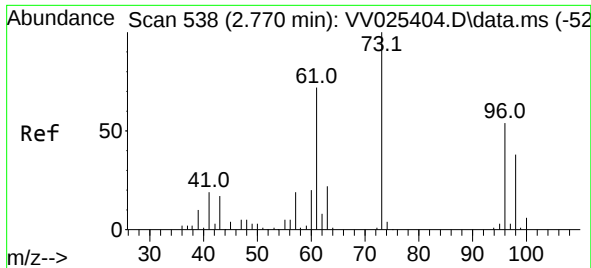
Tgt Ion:101 Resp: 9488
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9



#12
 1,1-Dichloroethene
 Concen: 0.364 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025410.D
 Acq: 08 Apr 2022 15:11

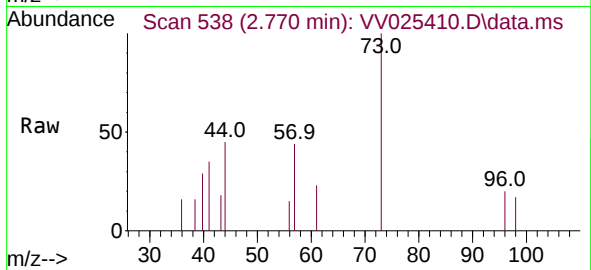
Tgt Ion: 96 Resp: 4687
 Ion Ratio Lower Upper
 96 100
 61 363.5 125.2 232.4#
 63 1929.1 114.4 212.4#



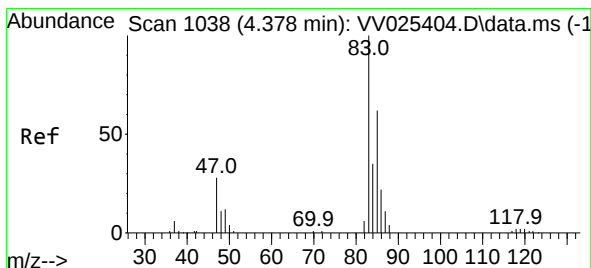
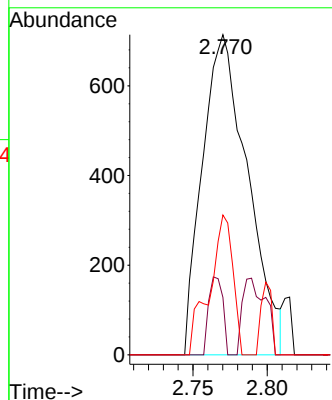
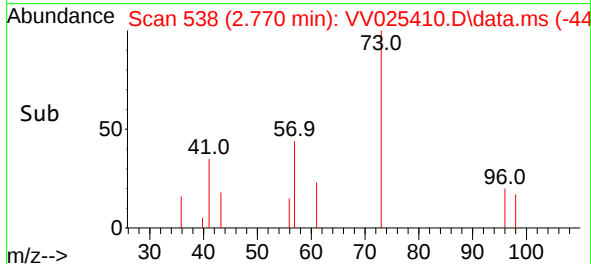


#17
Methyl tert-butyl Ether
Concen: 0.076 ug/L
RT: 2.770 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

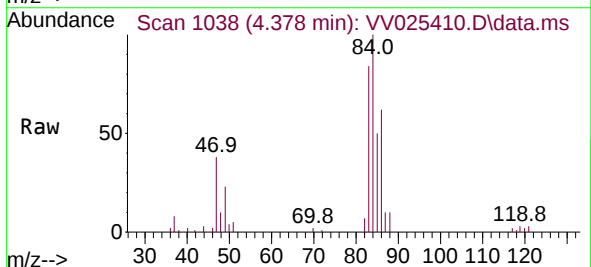
Instrument :
MSVOA_V
ClientSampleId :



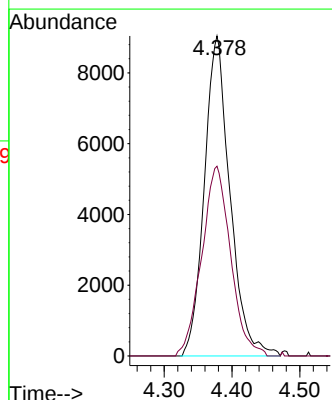
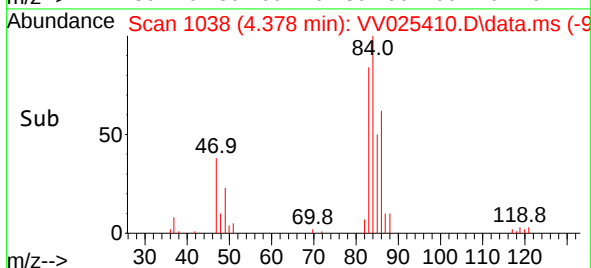
Tgt Ion: 73 Resp: 1517
Ion Ratio Lower Upper
73 100
43 7.5 14.2 21.4#
57 22.5 16.1 24.1

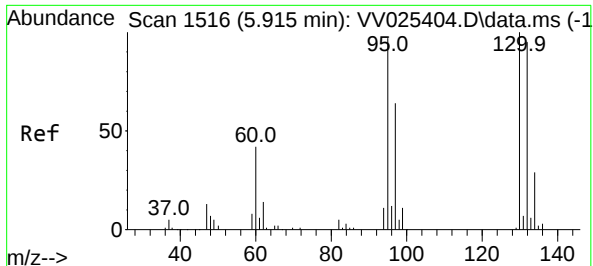


#25
Chloroform
Concen: 1.233 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11



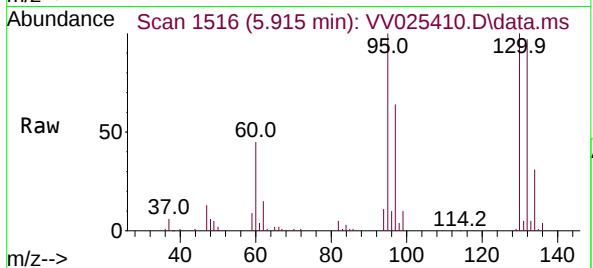
Tgt Ion: 83 Resp: 23805
Ion Ratio Lower Upper
83 100
85 59.3 43.5 80.7



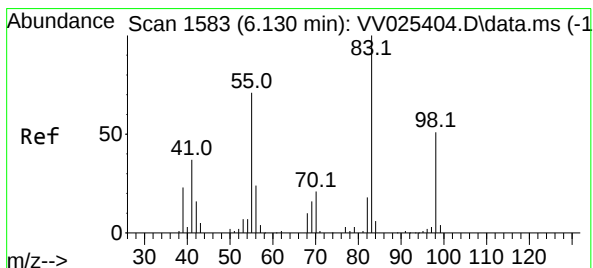
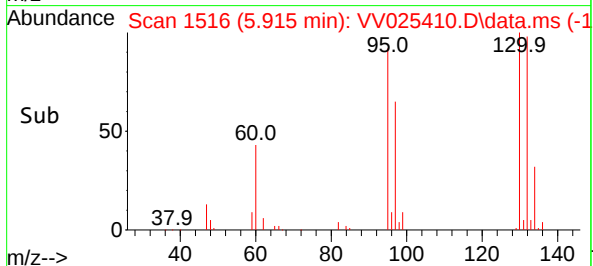
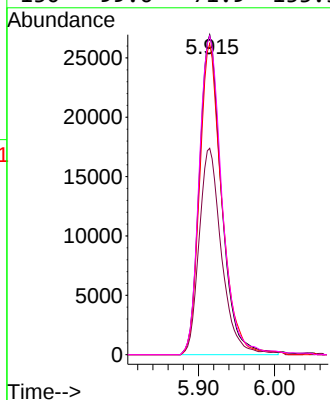


#34
Trichloroethene
Concen: 4.981 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Instrument :
MSVOA_V
ClientSampleId :

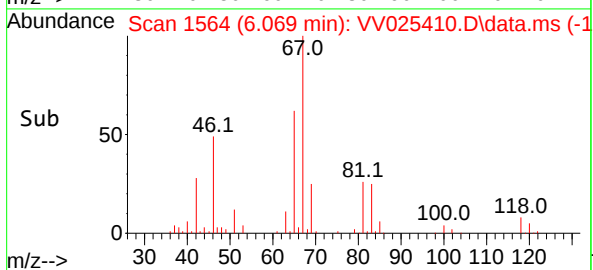
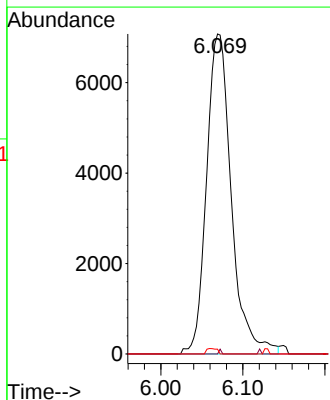
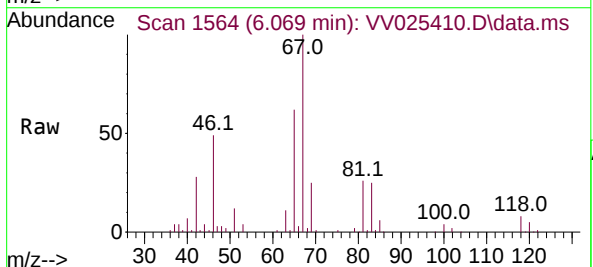


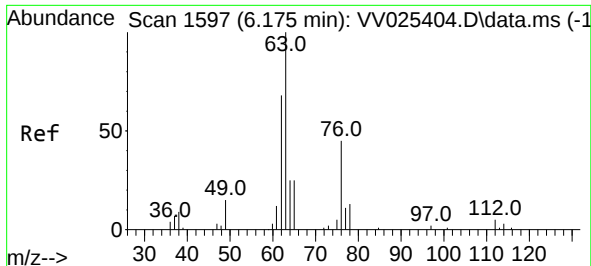
Tgt Ion:	95	Resp:	54249
Ion Ratio	100	Lower	Upper
95	100		
97	64.5	45.8	85.2
132	97.2	68.0	126.4
130	99.6	71.9	133.5



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Tgt Ion:	83	Resp:	14848
Ion Ratio	100	Lower	Upper
83	100		
55	0.1	53.7	80.5#
98	0.7	39.6	59.4#

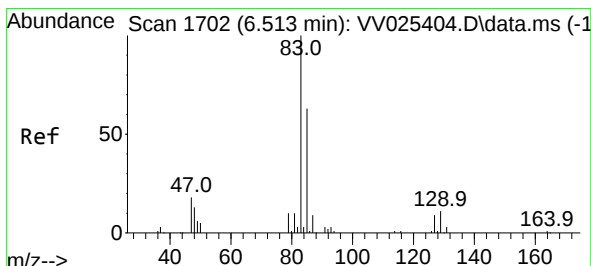
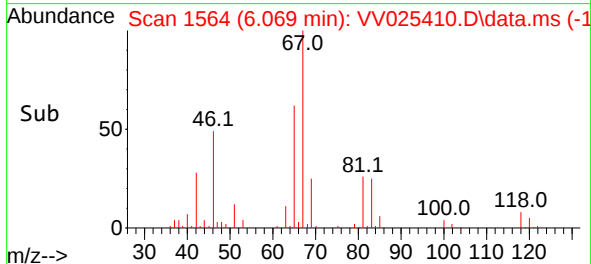
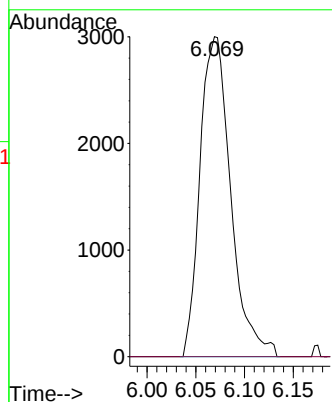
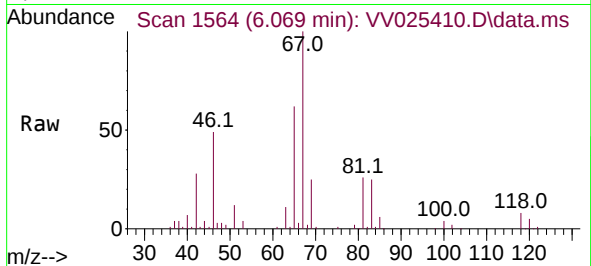




#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

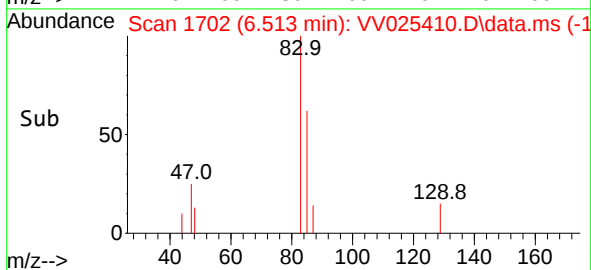
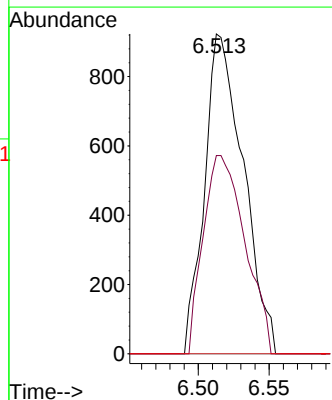
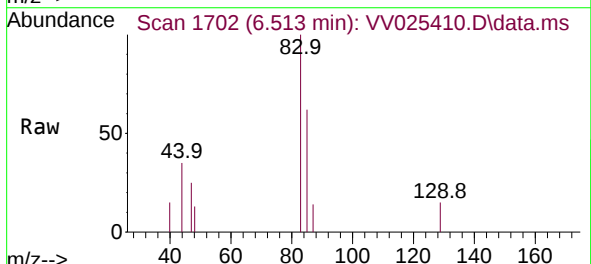
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MSVOA_V
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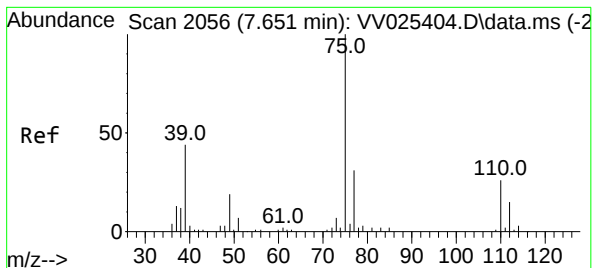
Tgt Ion: 63 Resp: 6578
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.149 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Tgt Ion: 83 Resp: 1756
Ion Ratio Lower Upper
83 100
85 62.0 44.4 82.4
127 0.0 7.2 10.8#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV025410.D

Acq: 08 Apr 2022 15:11

Instrument :

MSVOA_V

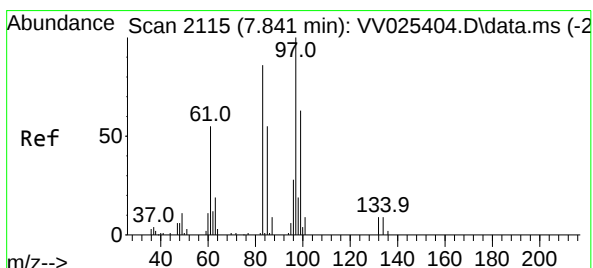
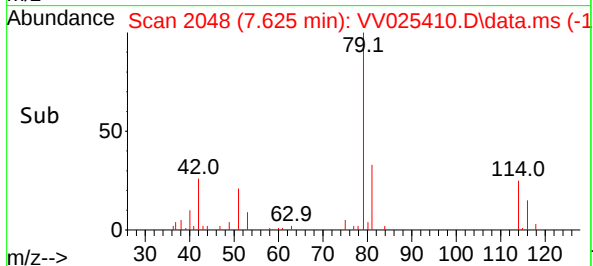
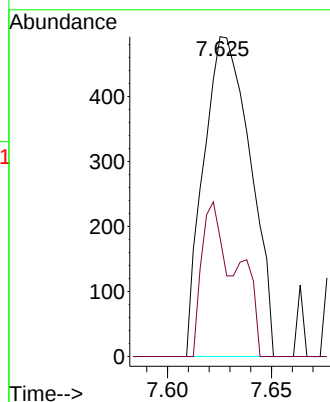
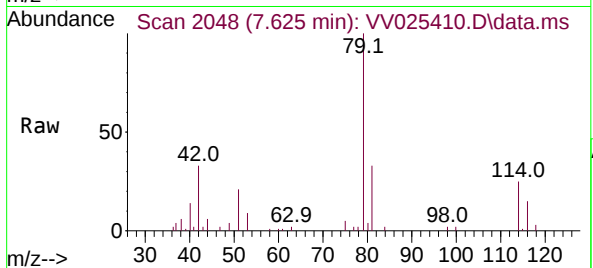
ClientSampleId :

Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

75 100

77 37.2 21.7 40.3



#45

1,1,2-Trichloroethane

Concen: 0.095 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV025410.D

Acq: 08 Apr 2022 15:11

Tgt Ion: 97 Resp: 604

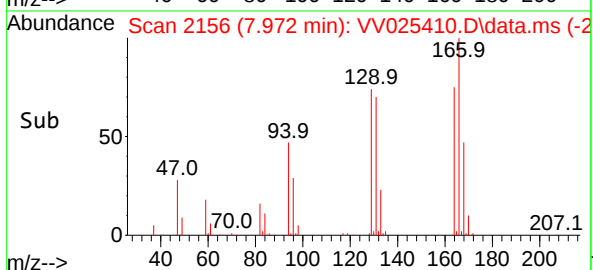
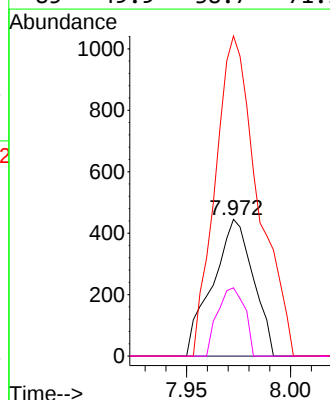
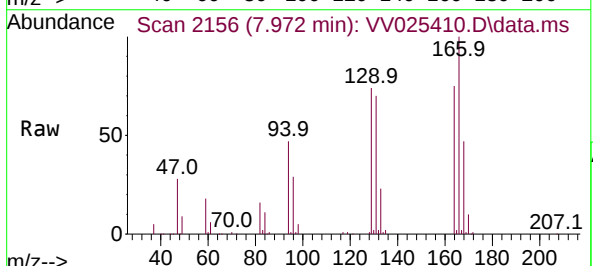
Ion Ratio Lower Upper

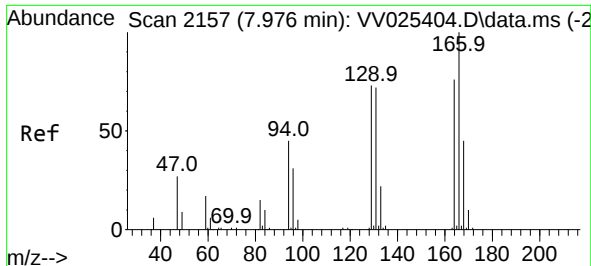
97 100

99 0.0 43.8 81.4#

83 234.2 60.3 112.1#

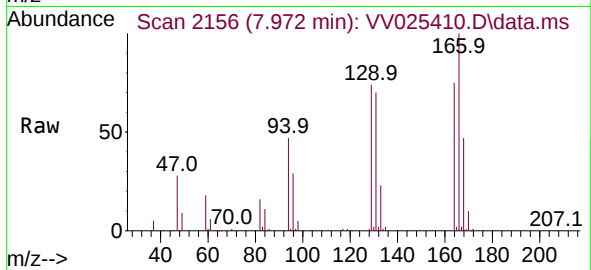
85 49.9 38.7 71.9



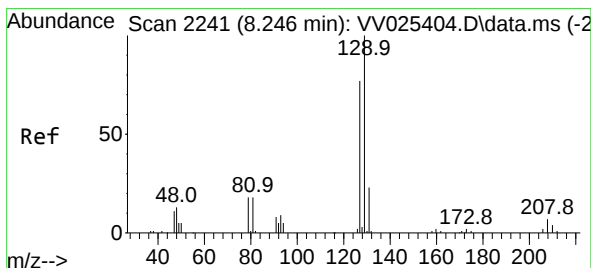
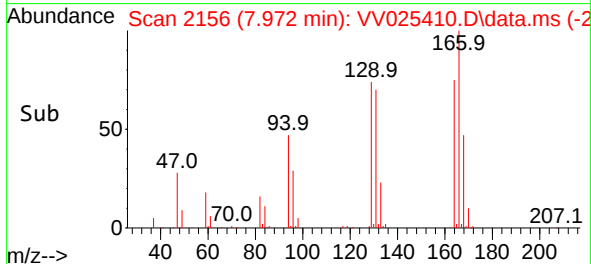
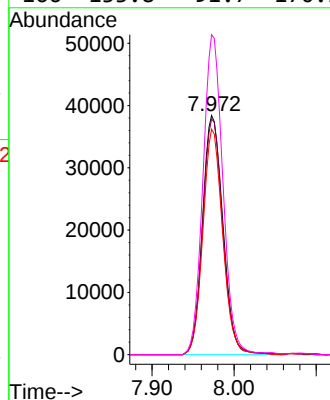


#47
Tetrachloroethene
Concen: 7.776 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Instrument :
MSVOA_V
ClientSampleId :

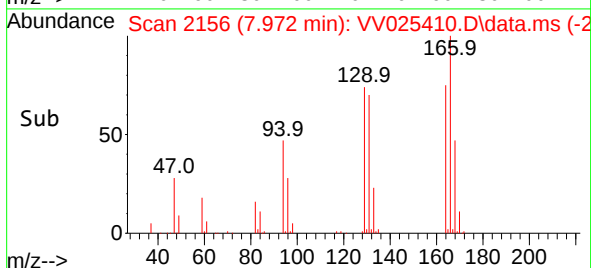
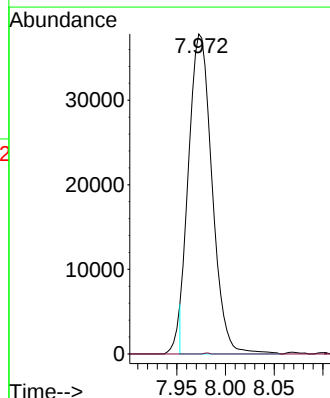
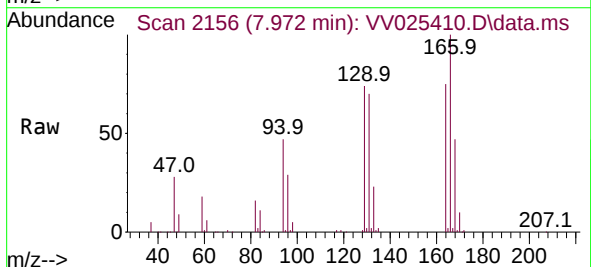


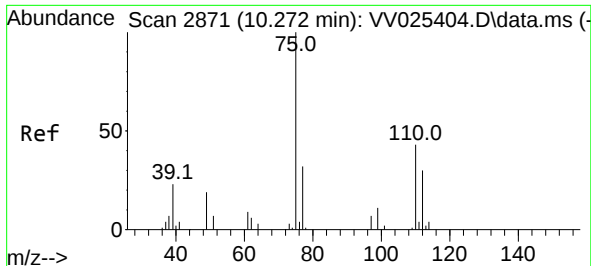
Tgt Ion:	164	Resp:	66307
Ion Ratio	Lower	Upper	
164	100		
129	98.5	66.8	124.2
131	94.3	66.4	123.4
166	133.8	91.7	170.3



#49
Dibromochloromethane
Concen: 9.003 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.273 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Tgt Ion:	129	Resp:	62811
Ion Ratio	Lower	Upper	
129	100		
127	0.0	53.8	100.0#

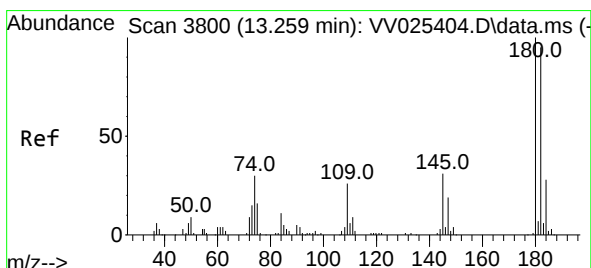
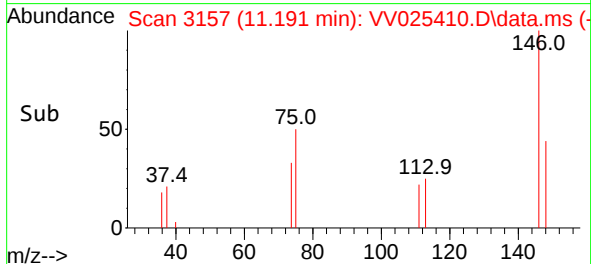
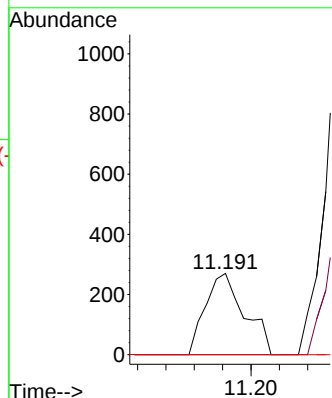
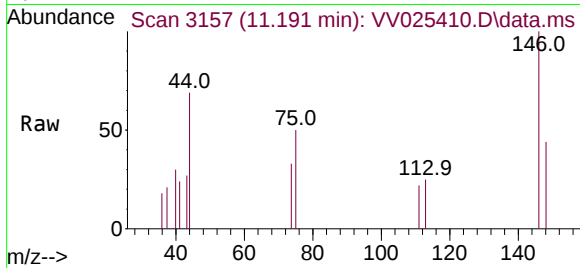




#61
 1,2,3-Trichloropropane
 Concen: 0.061 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.919 min
 Lab File: VV025410.D
 Acq: 08 Apr 2022 15:11

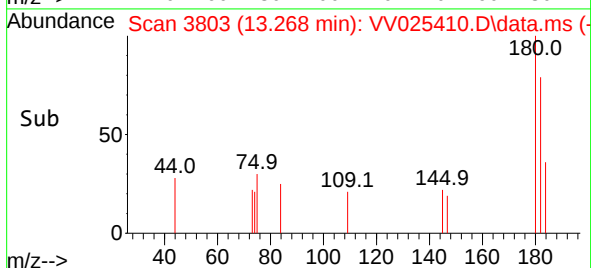
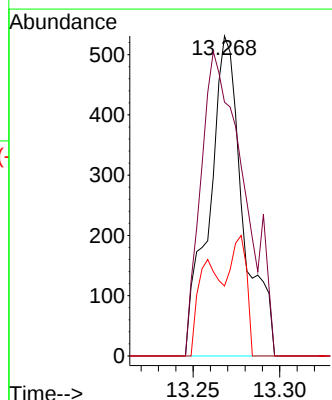
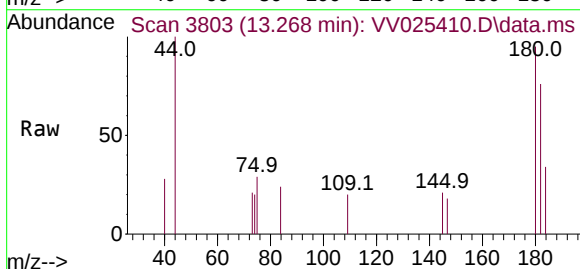
Instrument :
 MSVOA_V
 ClientSampleId :

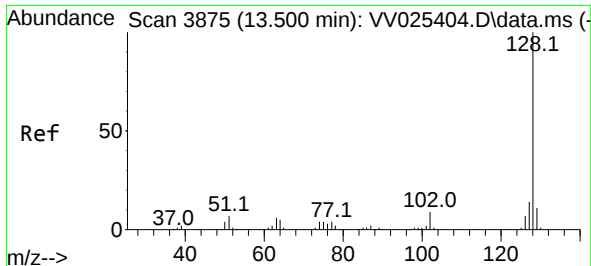
Tgt Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.6 38.4
 110 0.0 34.7 52.1#



#70
 1,2,4-trichlorobenzene
 Concen: 0.065 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV025410.D
 Acq: 08 Apr 2022 15:11

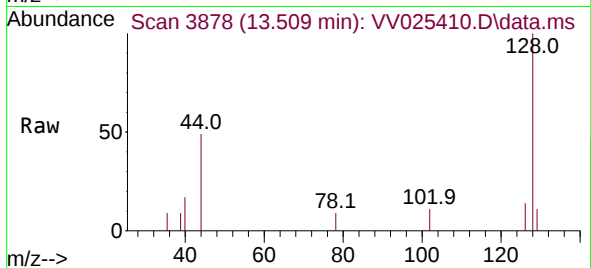
Tgt Ion: 180 Resp: 720
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.6 114.8#
 145 18.1 24.6 36.8#



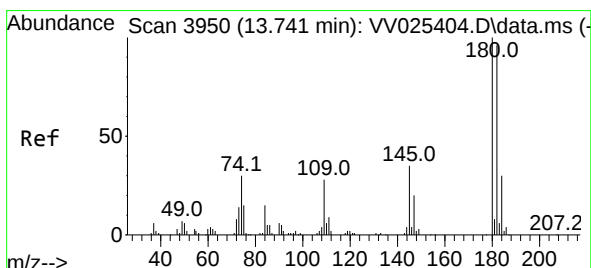
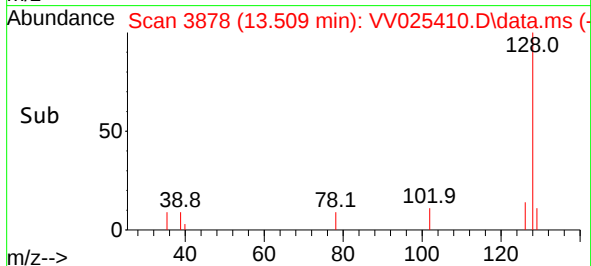
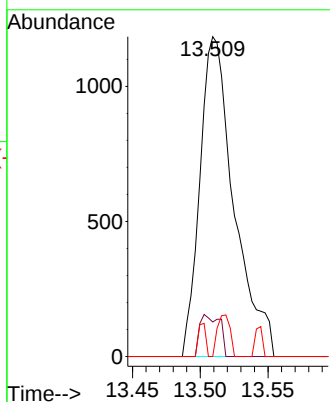


#71
Naphthalene
Concen: 0.129 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2078
Ion Ratio Lower Upper
128 100
129 7.7 8.8 13.2#
127 2.3 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.092 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV025410.D
Acq: 08 Apr 2022 15:11

Tgt Ion:180 Resp: 838
Ion Ratio Lower Upper
180 100
182 72.7 77.7 116.5#
145 25.9 27.4 41.2#

