

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023485.D
 Acq On : 15 Nov 2021 16:19
 Operator : SY/MD
 Sample : M4616-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

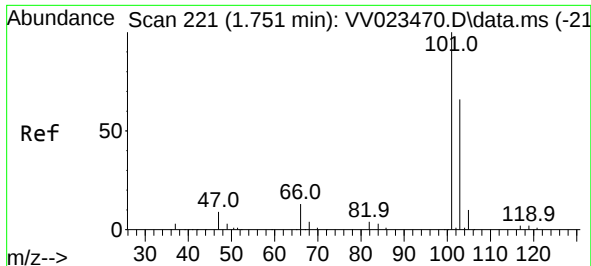
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Quant Time: Nov 16 00:33:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133083	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38459	4.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.568	69	31487	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	53854	3.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.908	46	64836	45.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	4.349	84	71769	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.034	65	34221	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.053	84	141666	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.072	67	42494	4.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	124926	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	15432	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.091	63	44754	31.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26101	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46749	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	4240	0.256	ug/L	99
12) 1,1-Dichloroethene	2.114	96	609	0.077	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	2308	0.132	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	2441	0.260	ug/L #	99
27) 1,2-Dichloroethane	5.053	62	877	0.094	ug/L #	72
34) Trichloroethene	5.915	95	112801	11.303	ug/L	98
35) Methylcyclohexane	6.072	83	10528	0.668	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5062	0.578	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1117	0.089	ug/L #	8
47) Tetrachloroethene	7.976	164	35314	4.083	ug/L	97
48) 2-Hexanone	8.149	43	7449	2.616	ug/L #	89
49) Dibromochloromethane	7.976	129	31796	3.986	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6625	1.661	ug/L #	65

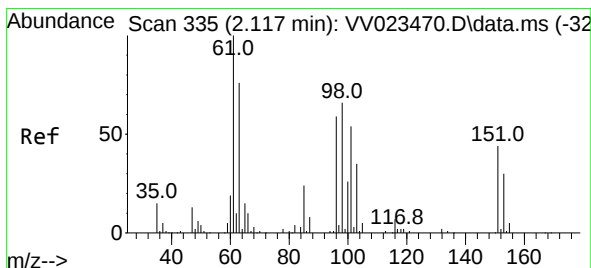
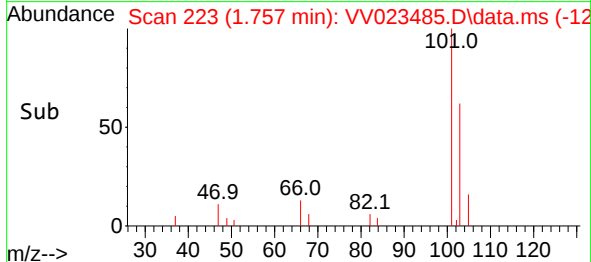
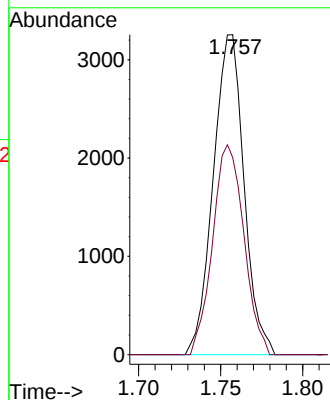
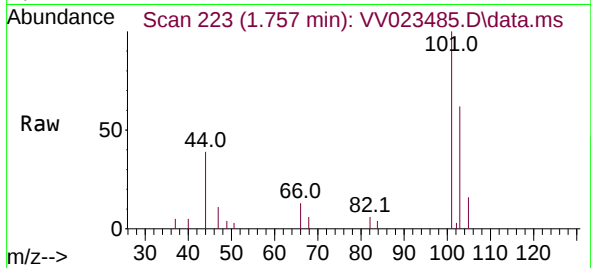
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 0.256 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

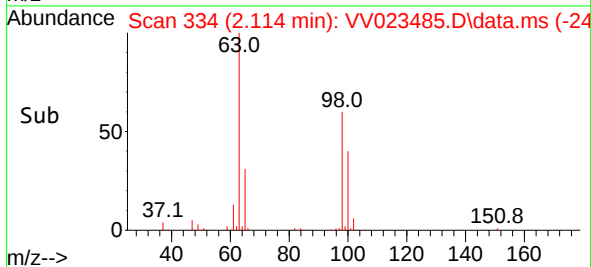
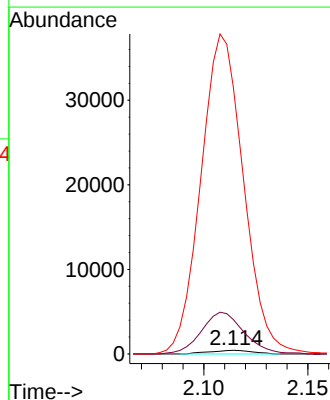
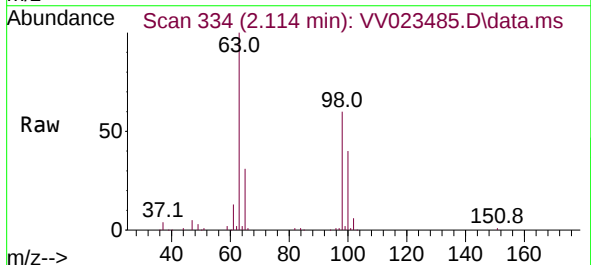
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

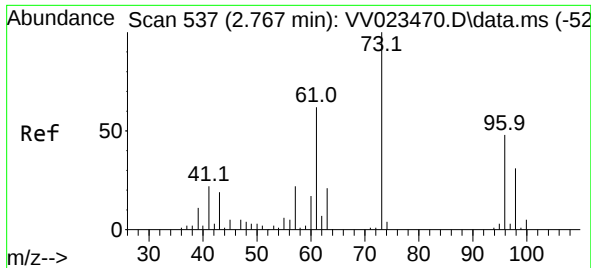
Tgt Ion:101 Resp: 4240
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.6 79.0



#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

Tgt Ion: 96 Resp: 609
 Ion Ratio Lower Upper
 96 100
 61 938.5 121.5 225.7#
 63 7277.4 99.6 185.0#

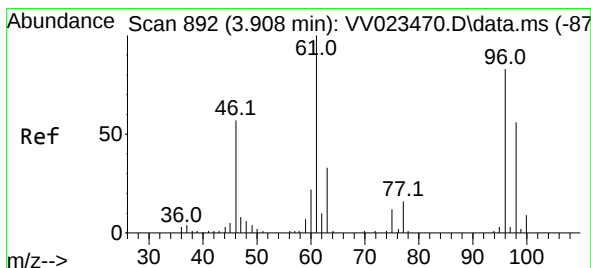
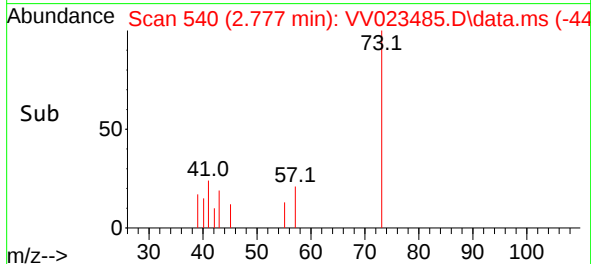
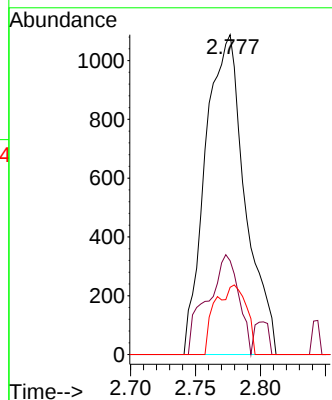
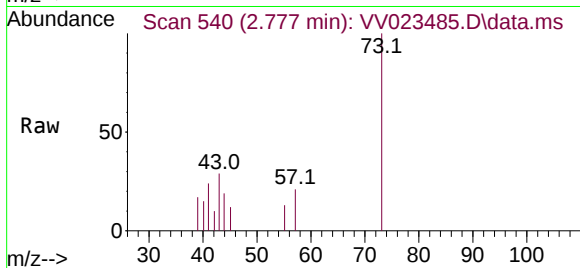




#17
Methyl tert-butyl Ether
Concen: 0.132 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

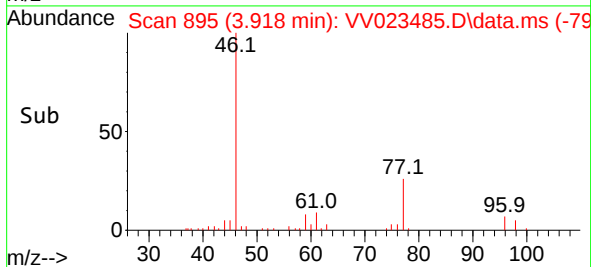
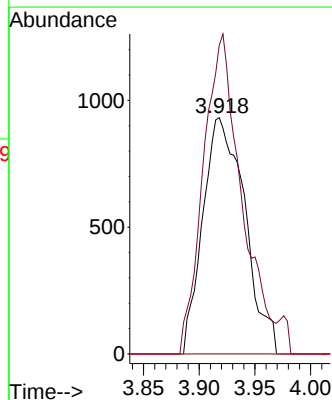
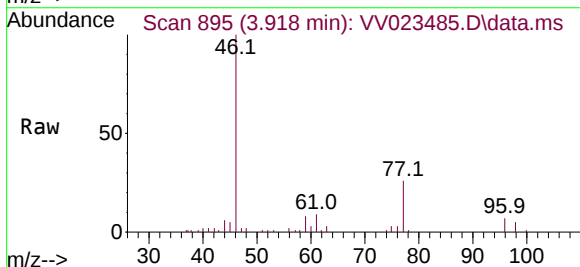
Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

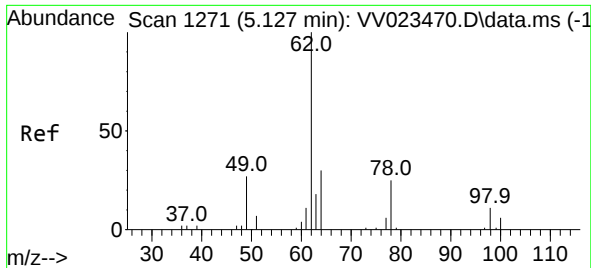
Tgt Ion: 73	Resp: 2308
Ion Ratio	Lower Upper
73 100	
43 24.8	17.4 26.0
57 17.1	16.5 24.7



#22
cis-1,2-Dichloroethene
Concen: 0.260 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

Tgt Ion: 96	Resp:	2441	
Ion	Ratio	Lower	Upper
96	100		
61	130.7	92.3	171.3
68	0.0	0.4	0.8#





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023485.D

Acq: 15 Nov 2021 16:19

Instrument :

MSVOA_V

ClientSampleId :

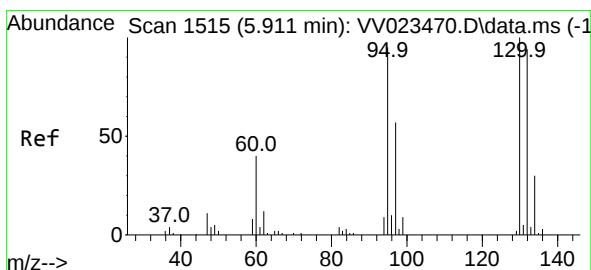
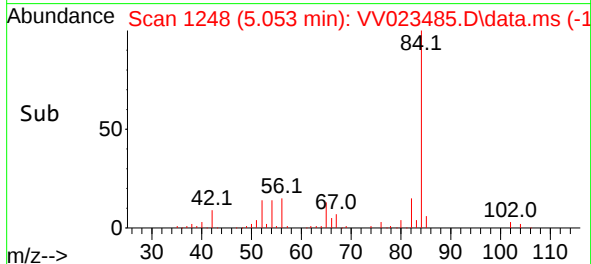
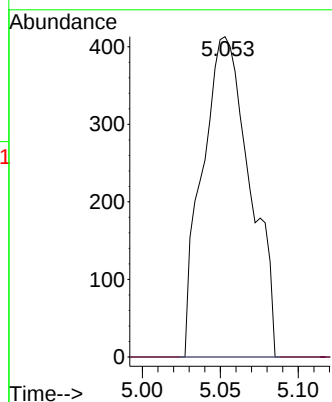
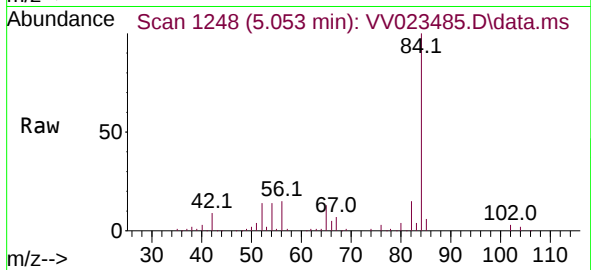
BG1Y8

Tgt Ion: 62 Resp: 877

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 11.303 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023485.D

Acq: 15 Nov 2021 16:19

Tgt Ion: 95 Resp: 112801

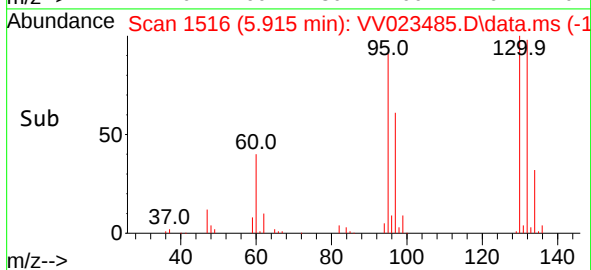
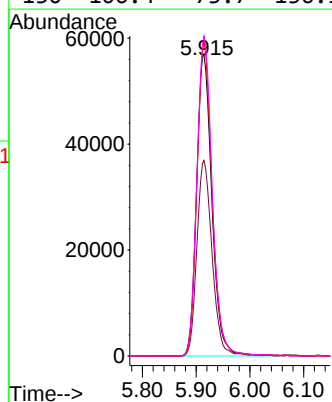
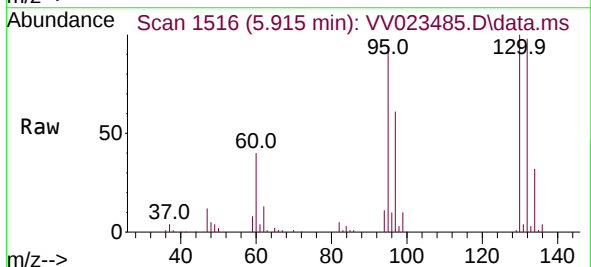
Ion Ratio Lower Upper

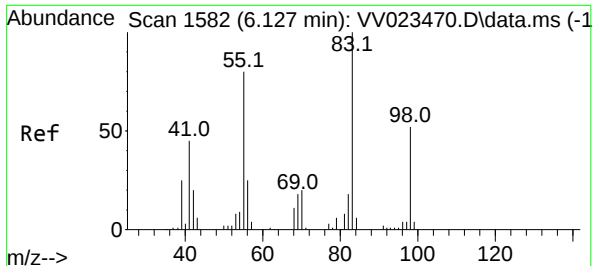
95 100

97 65.0 45.0 83.6

132 104.4 69.7 129.4

130 106.4 73.7 136.9

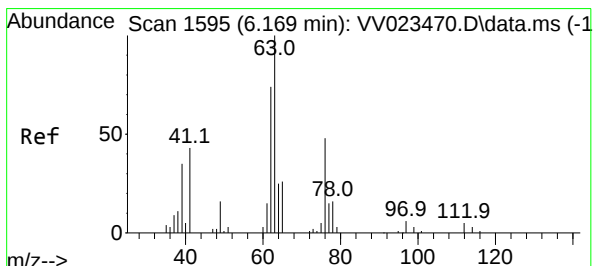
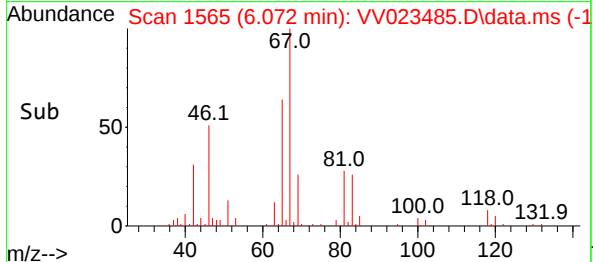
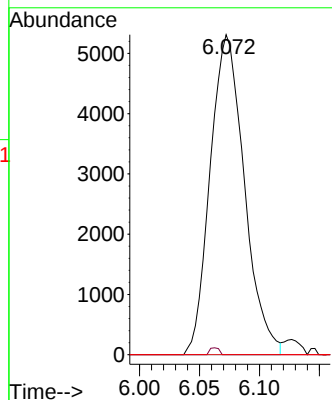
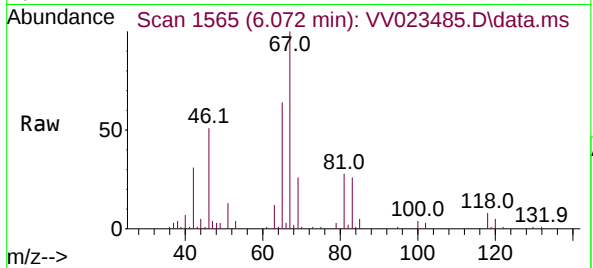




#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

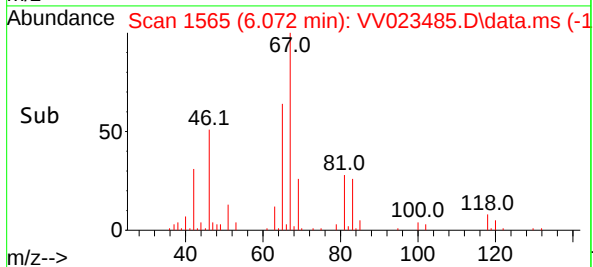
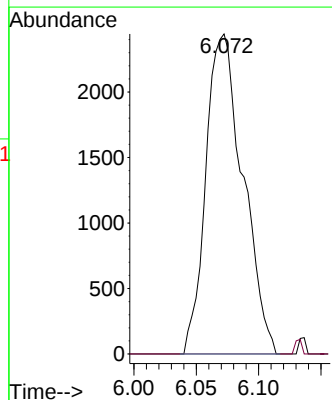
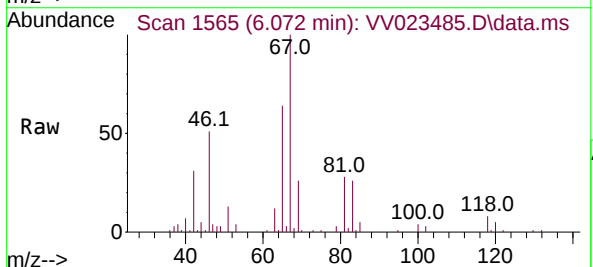
Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

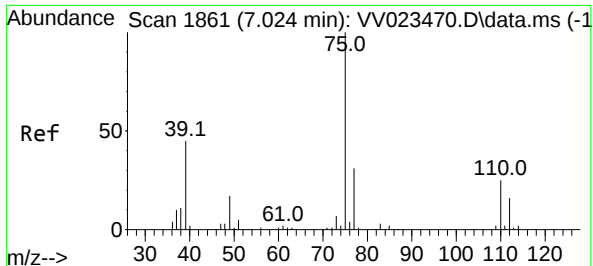
Tgt Ion: 83 Resp: 10528
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

Tgt Ion: 63 Resp: 5062
Ion Ratio Lower Upper
63 100
112 0.8 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023485.D

Acq: 15 Nov 2021 16:19

Instrument :

MSVOA_V

ClientSampleId :

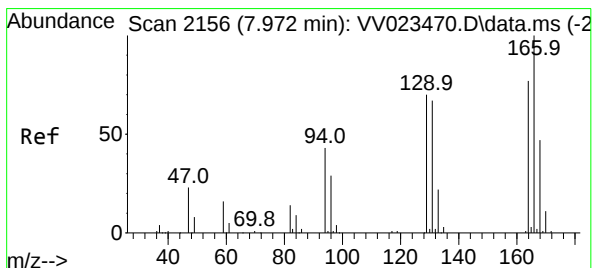
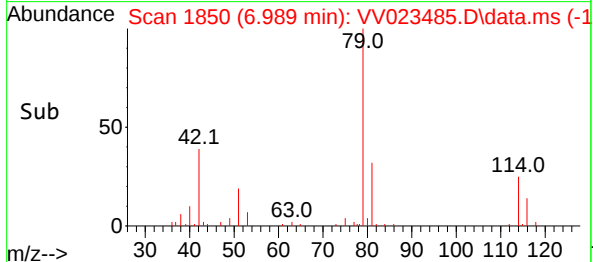
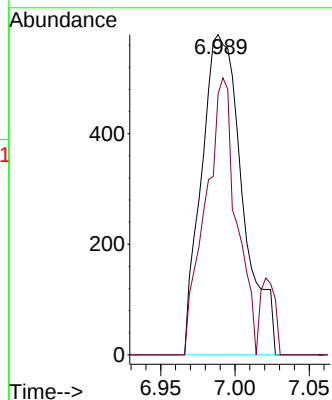
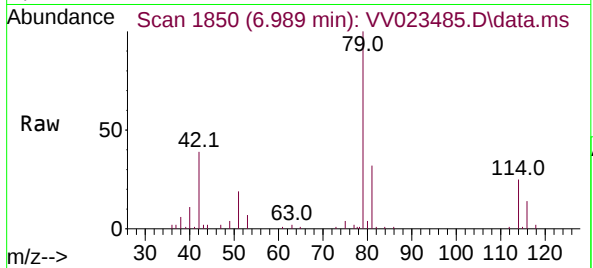
BG1Y8

Tgt Ion: 75 Resp: 1117

Ion Ratio Lower Upper

75 100

77 81.5 21.6 40.2#



#47

Tetrachloroethene

Concen: 4.083 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023485.D

Acq: 15 Nov 2021 16:19

Tgt Ion: 164 Resp: 35314

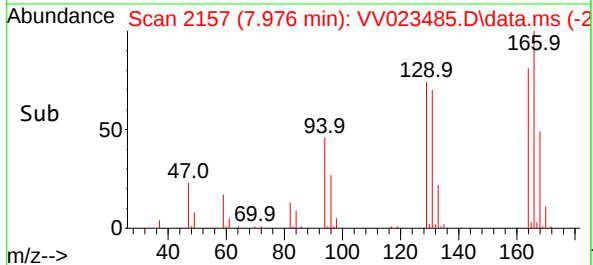
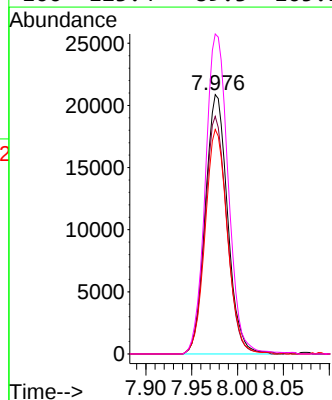
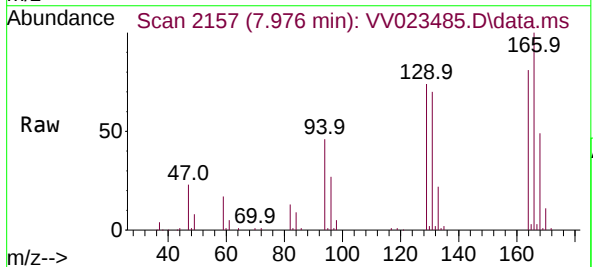
Ion Ratio Lower Upper

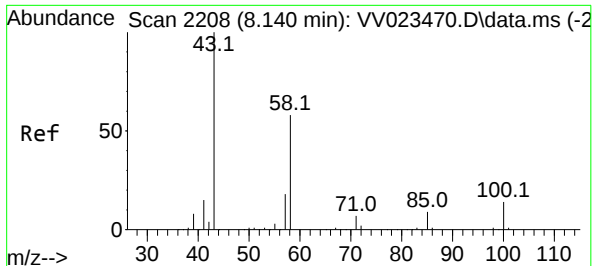
164 100

129 91.6 64.0 119.0

131 86.5 63.4 117.8

166 123.4 89.3 165.9

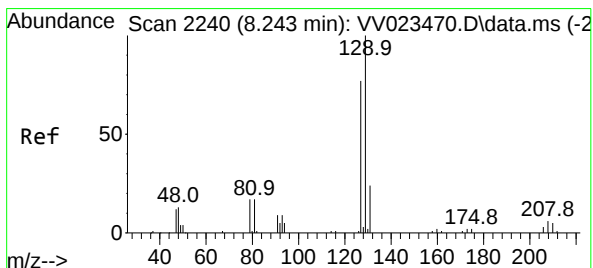
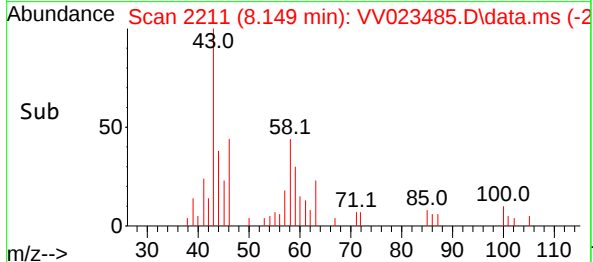
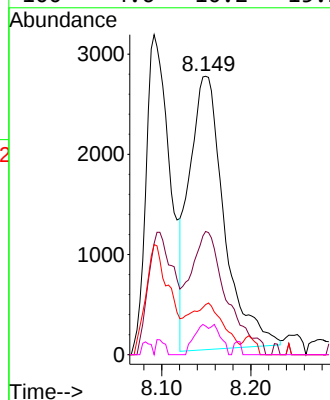
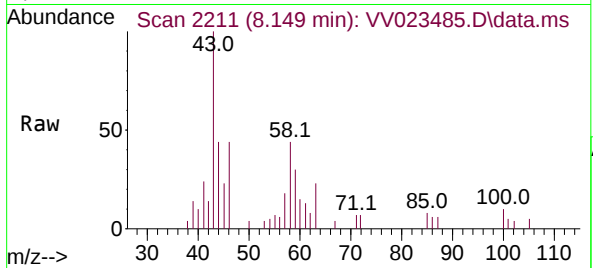




#48
2-Hexanone
Concen: 2.616 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

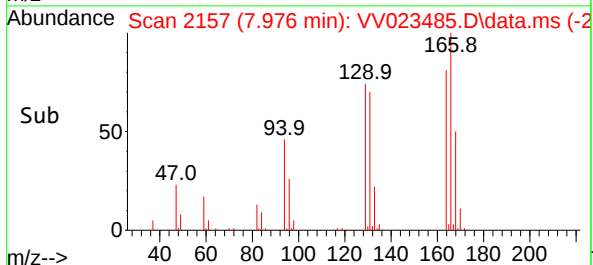
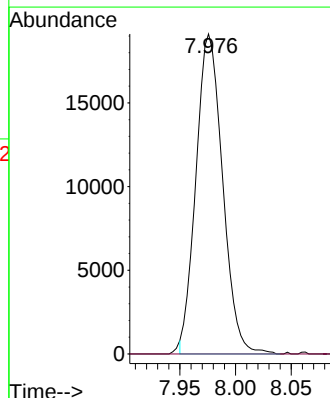
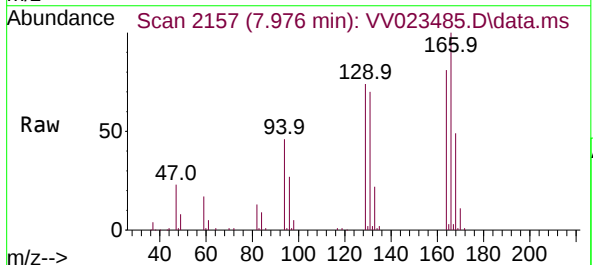
Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

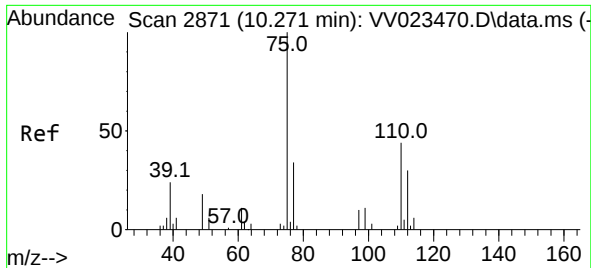
Tgt Ion: 43	Resp: 7449
Ion Ratio	Lower Upper
43 100	
58 45.8	43.7 65.5
57 18.3	14.1 21.1
100 4.6	10.2 15.2#



#49
Dibromochloromethane
Concen: 3.986 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023485.D
Acq: 15 Nov 2021 16:19

Tgt Ion:129	Resp:	31796	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.661 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV023485.D
 Acq: 15 Nov 2021 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Tgt Ion: 75 Resp: 6625
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8
 110 1.7 31.8 47.6#

