

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023480.D
 Acq On : 15 Nov 2021 14:19
 Operator : SY/MD
 Sample : M4616-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

Quant Time: Nov 16 00:32:25 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)

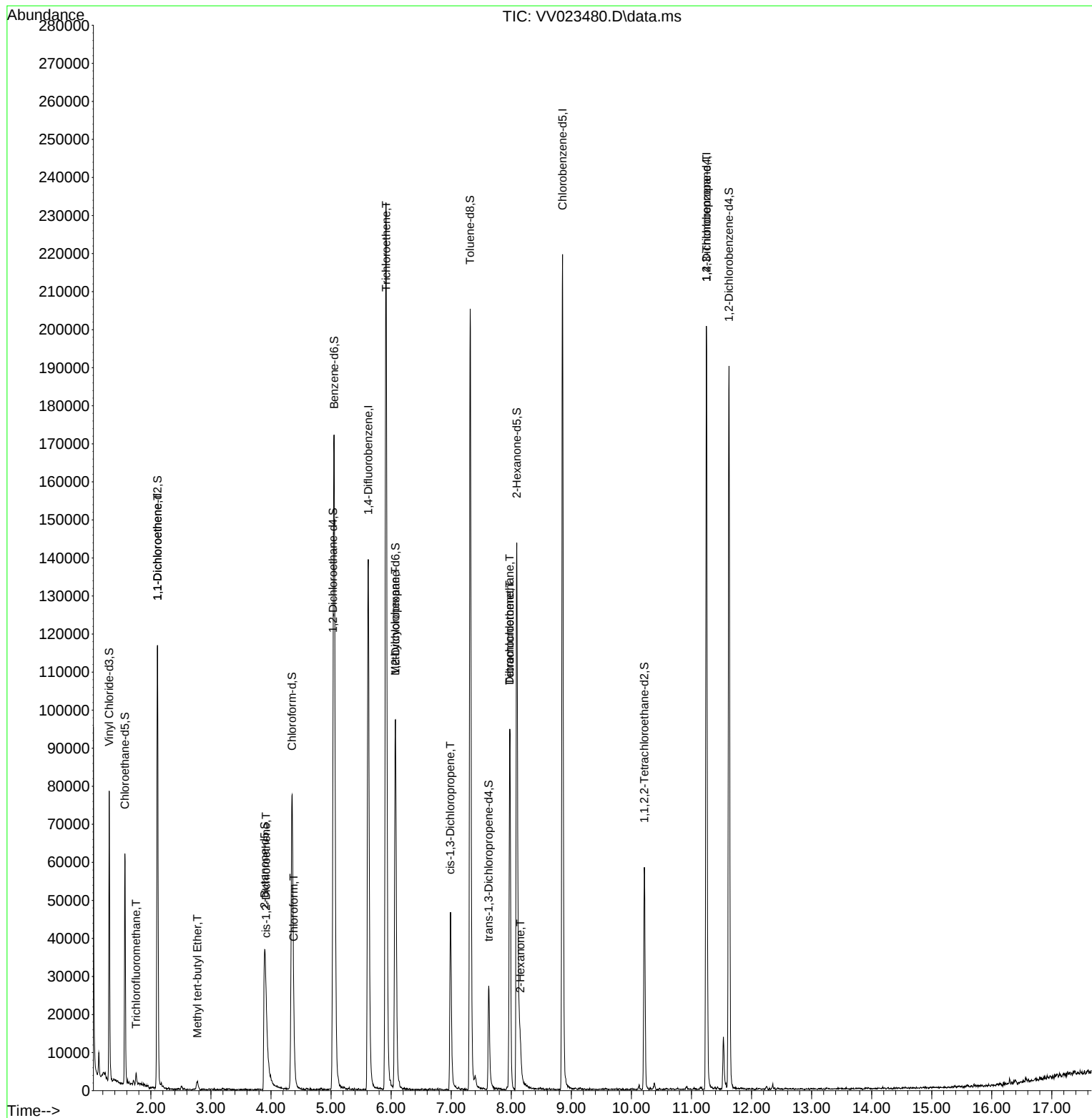
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45900	5.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.568	69	35809	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.111	63	60331	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.892	46	72000	53.002	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.000%
24) Chloroform-d	4.352	84	77557	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	38105	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	158575	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	47234	5.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	138361	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.625	79	16343	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.092	63	45390	34.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28225	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50977	5.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
9) Trichlorofluoromethane	1.754	101	1485	0.095	ug/L	94
12) 1,1-Dichloroethene	2.111	96	534	0.071	ug/L #	1
17) Methyl tert-butyl Ether	2.774	73	2296	0.139	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	2467	0.278	ug/L #	66
25) Chloroform	4.378	83	5669	0.341	ug/L	96
34) Trichloroethene	5.915	95	80216	8.683	ug/L	98
35) Methylcyclohexane	6.069	83	11452	0.785	ug/L #	17
39) cis-1,3-Dichloropropene	6.986	75	1222	0.105	ug/L #	33
47) Tetrachloroethene	7.976	164	22617	2.825	ug/L	96
48) 2-Hexanone	8.150	43	6623	2.513	ug/L #	86
49) Dibromochloromethane	7.976	129	20419	2.766	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5959	1.659	ug/L #	65

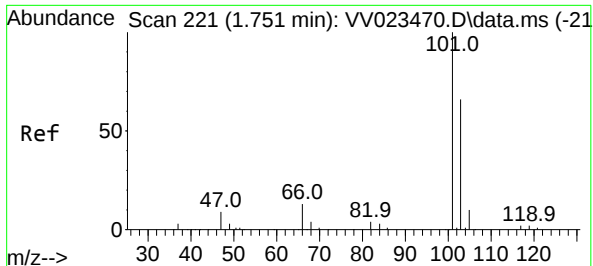
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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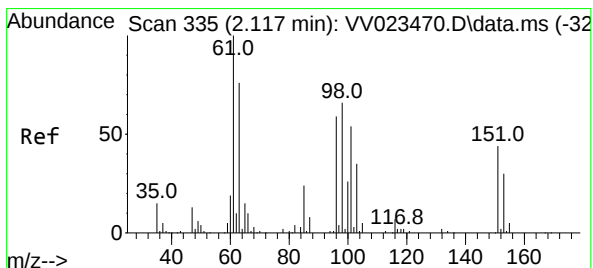
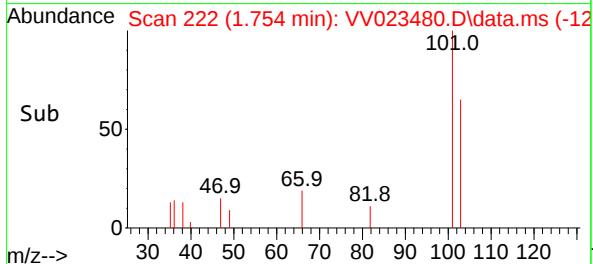
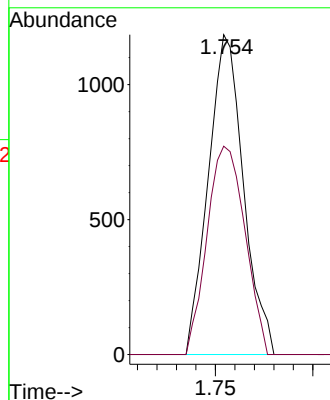
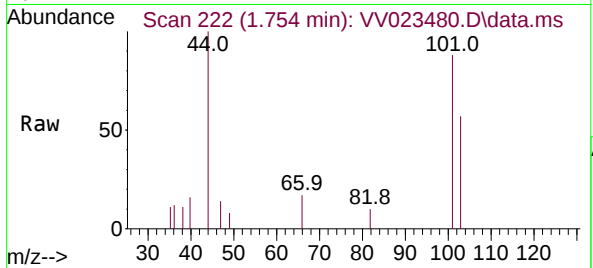




#9
 Trichlorofluoromethane
 Concen: 0.095 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023480.D
 Acq: 15 Nov 2021 14:19

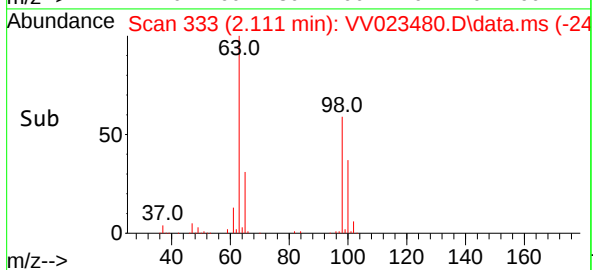
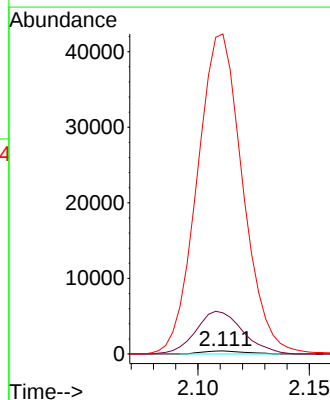
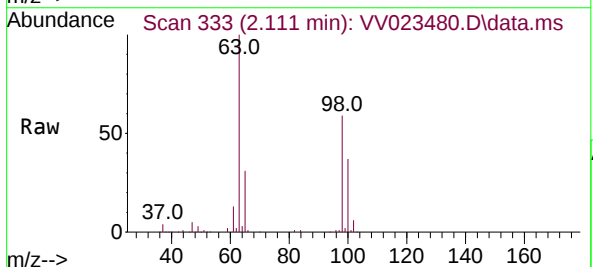
Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y8

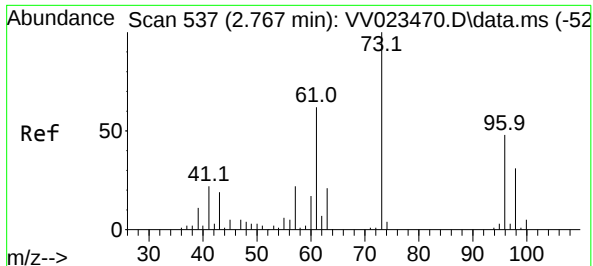
Tgt Ion:101 Resp: 1485
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.6 79.0



#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023480.D
 Acq: 15 Nov 2021 14:19

Tgt Ion: 96 Resp: 534
 Ion Ratio Lower Upper
 96 100
 61 1375.9 121.5 225.7#
 63 10720.0 99.6 185.0#

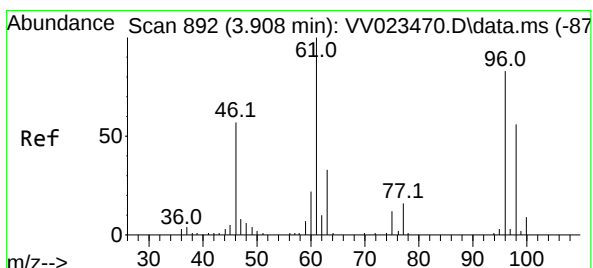
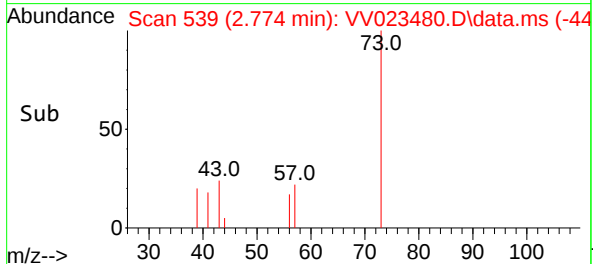
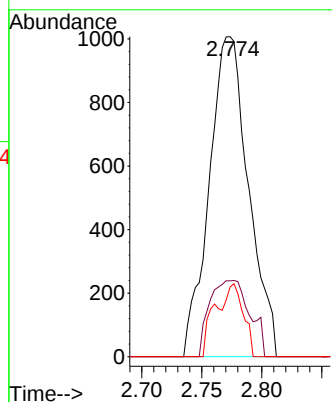
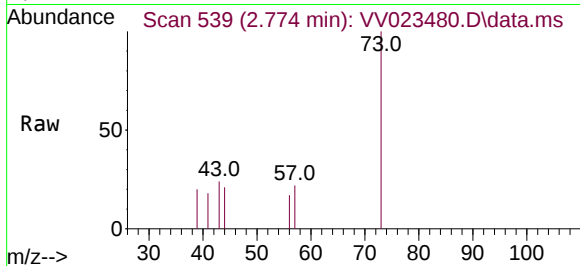




#17
Methyl tert-butyl Ether
Concen: 0.139 ug/L
RT: 2.774 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

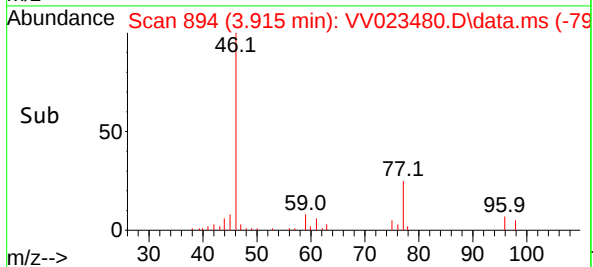
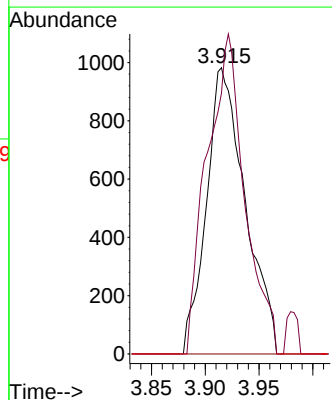
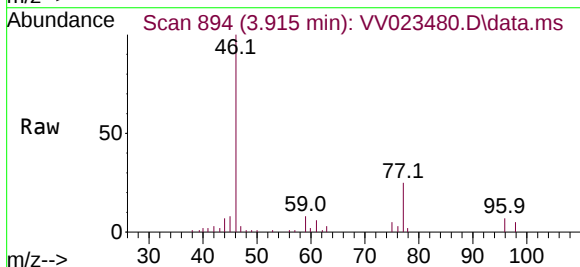
Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

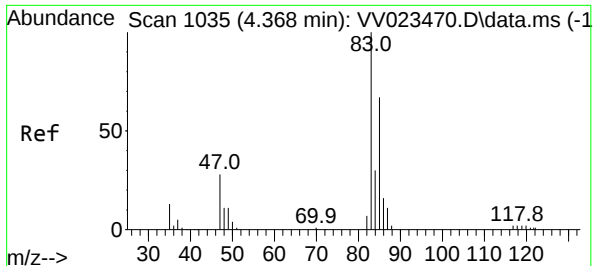
Tgt Ion: 73 Resp: 2296
Ion Ratio Lower Upper
73 100
43 24.2 17.4 26.0
57 10.0 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Tgt Ion: 96 Resp: 2467
Ion Ratio Lower Upper
96 100
61 91.1 92.3 171.3#
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.341 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV023480.D

Acq: 15 Nov 2021 14:19

Instrument :

MSVOA_V

ClientSampleId :

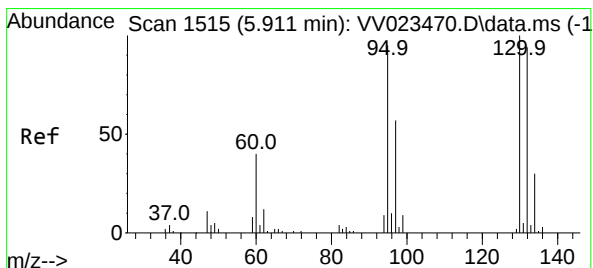
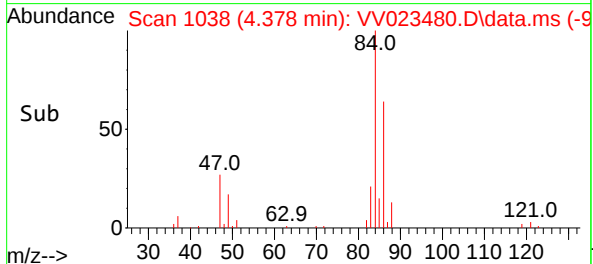
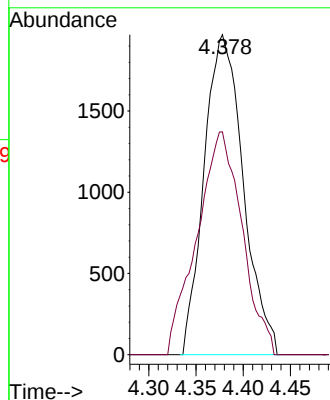
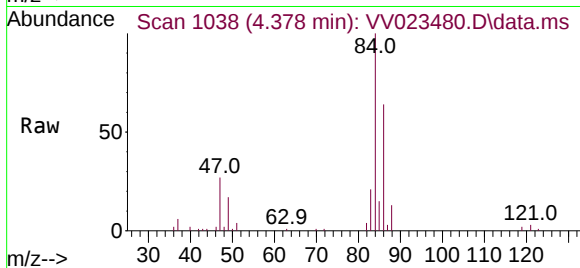
BG1Y8

Tgt Ion: 83 Resp: 5669

Ion Ratio Lower Upper

83 100

85 69.6 46.8 86.8



#34

Trichloroethene

Concen: 8.683 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023480.D

Acq: 15 Nov 2021 14:19

Tgt Ion: 95 Resp: 80216

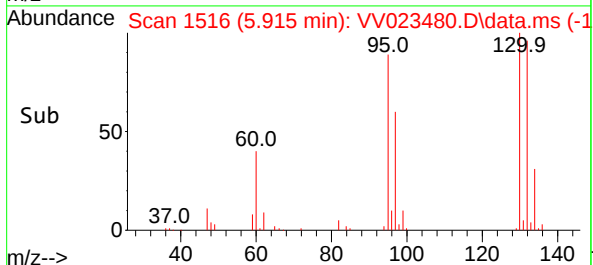
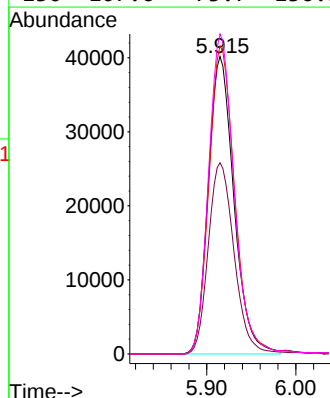
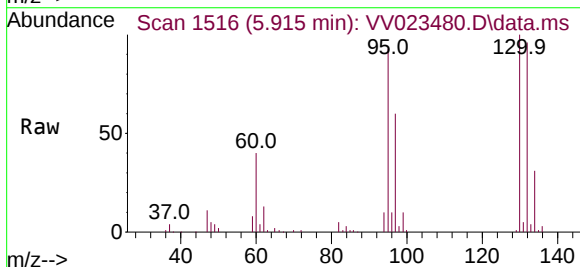
Ion Ratio Lower Upper

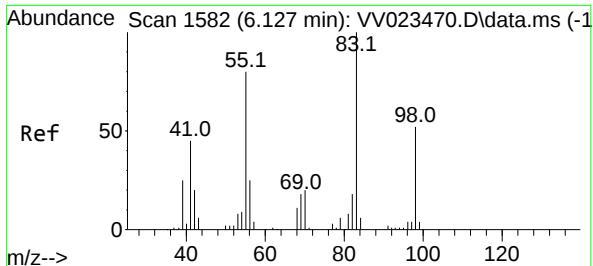
95 100

97 64.3 45.0 83.6

132 103.6 69.7 129.4

130 107.6 73.7 136.9





#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV023480.D

Acq: 15 Nov 2021 14:19

Instrument :

MSVOA_V

ClientSampleId :

BG1Y8

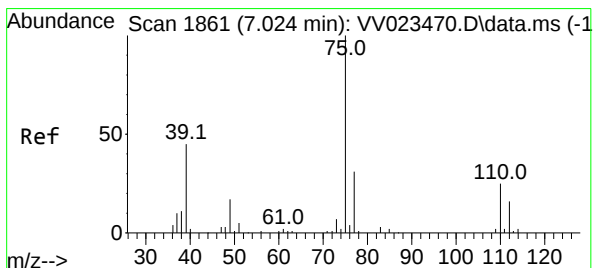
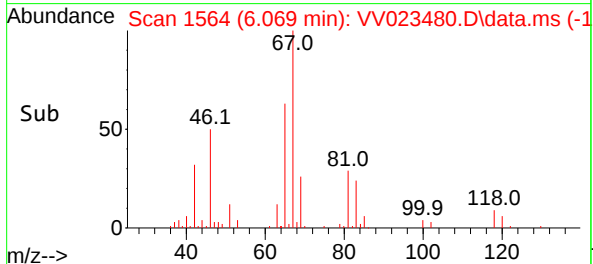
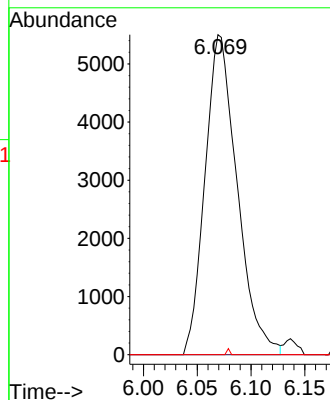
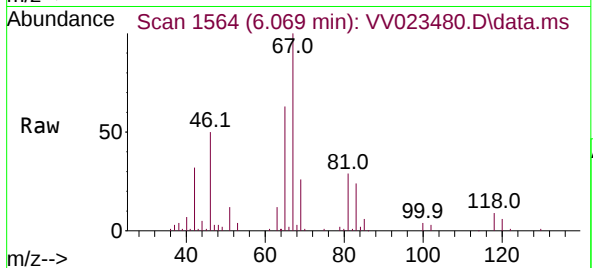
Tgt Ion: 83 Resp: 11452

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 37.9 56.9#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV023480.D

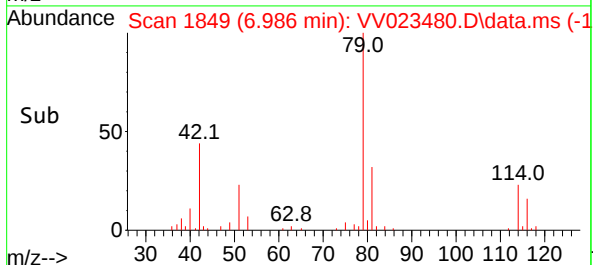
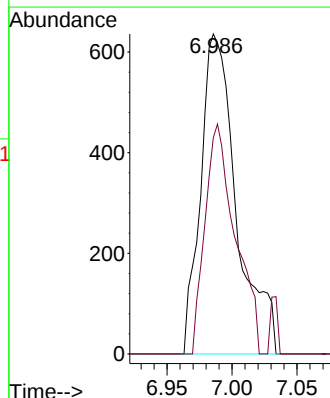
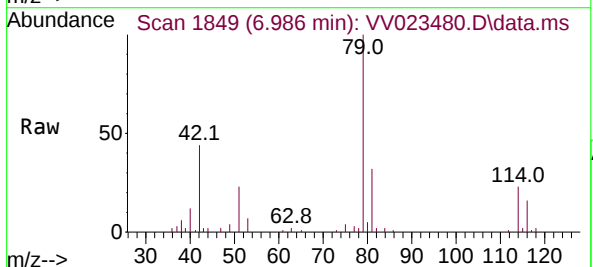
Acq: 15 Nov 2021 14:19

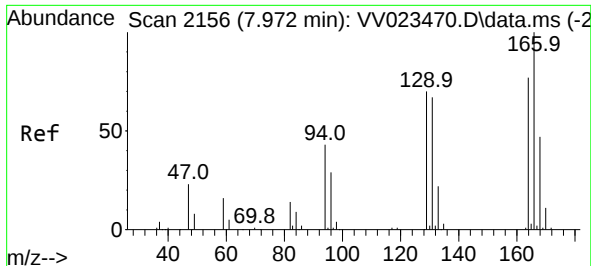
Tgt Ion: 75 Resp: 1222

Ion Ratio Lower Upper

75 100

77 67.6 21.6 40.2#



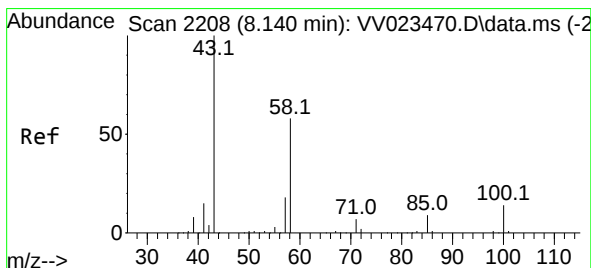
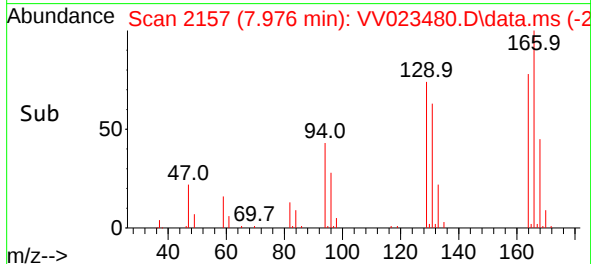
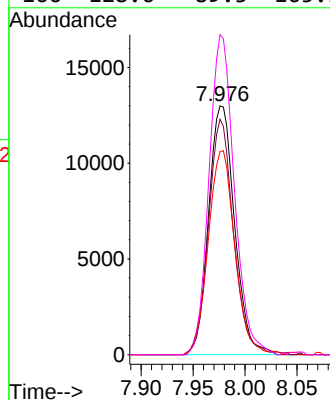
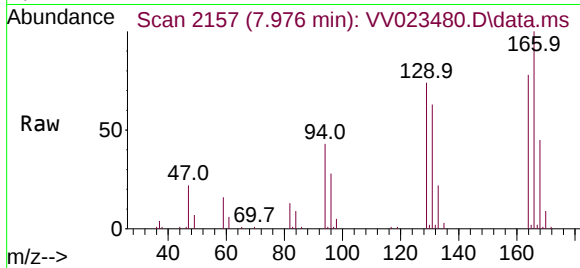


#47
Tetrachloroethene
Concen: 2.825 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Instrument :
MSVOA_V
ClientSampleId :
BG1Y8

Tgt Ion:164 Resp: 22617

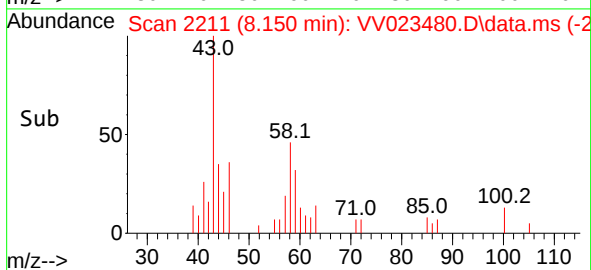
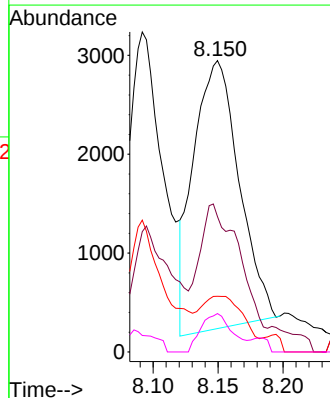
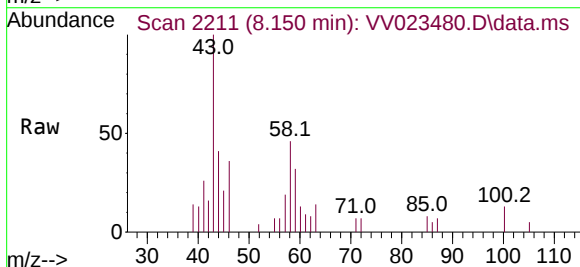
Ion	Ratio	Lower	Upper
164	100		
129	94.6	64.0	119.0
131	81.6	63.4	117.8
166	128.6	89.3	165.9

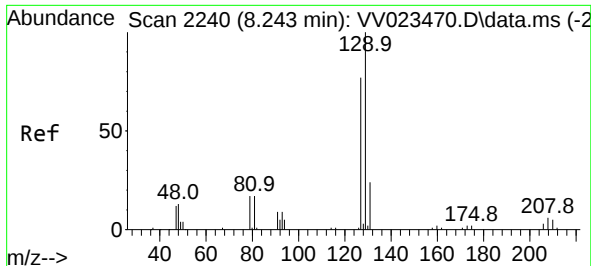


#48
2-Hexanone
Concen: 2.513 ug/L
RT: 8.150 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV023480.D
Acq: 15 Nov 2021 14:19

Tgt Ion: 43 Resp: 6623

Ion	Ratio	Lower	Upper
43	100		
58	41.9	43.7	65.5#
57	19.9	14.1	21.1
100	9.8	10.2	15.2#





#49

Dibromochloromethane

Concen: 2.766 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023480.D

Acq: 15 Nov 2021 14:19

Instrument :

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ClientSampleId :

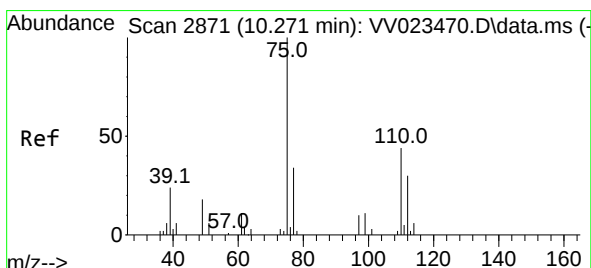
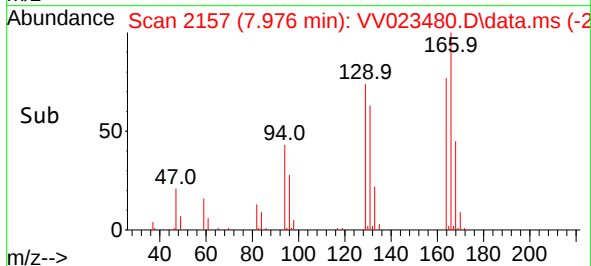
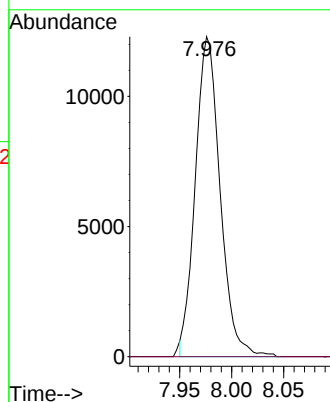
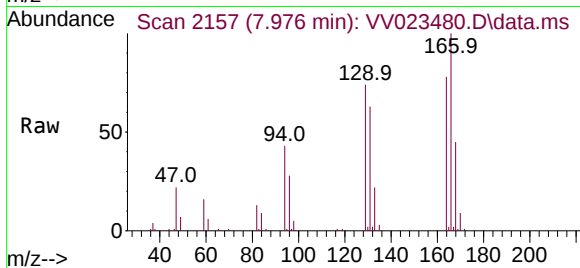
BG1Y8

Tgt Ion:129 Resp: 20419

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.659 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023480.D

Acq: 15 Nov 2021 14:19

Tgt Ion: 75 Resp: 5959

Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 0.0 31.8 47.6#

