

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023486.D
 Acq On : 15 Nov 2021 16:42
 Operator : SY/MD
 Sample : M4616-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y9

Quant Time: Nov 16 00:33:46 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)

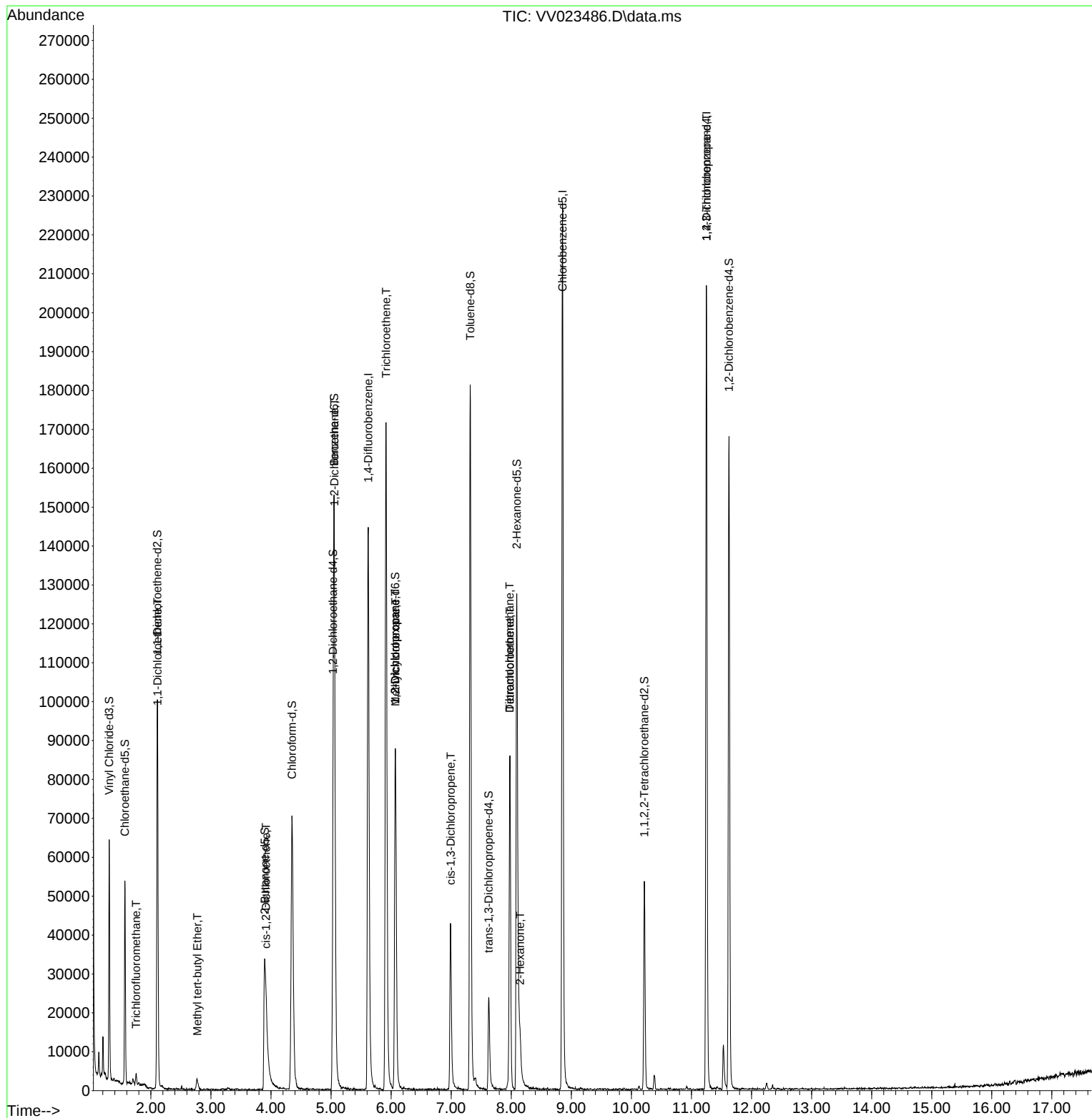
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129259	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38205	4.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	30527	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	52577	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.896	46	67043	48.057	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	4.352	84	71248	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.034	65	34163	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	138634	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.069	67	41720	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.317	98	121673	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	14969	4.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	41814	30.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24825	3.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46196	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	1820	0.113	ug/L	94
12) 1,1-Dichloroethene	2.114	96	570	0.074	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2695	0.159	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	2307	0.253	ug/L #	73
27) 1,2-Dichloroethane	5.056	62	1000	0.110	ug/L #	72
34) Trichloroethene	5.915	95	59045	6.158	ug/L	95
35) Methylcyclohexane	6.072	83	10600	0.700	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4870	0.579	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1188	0.098	ug/L #	64
47) Tetrachloroethene	7.979	164	19783	2.381	ug/L	95
48) 2-Hexanone	8.146	43	7807	2.854	ug/L #	89
49) Dibromochloromethane	7.976	129	17731	2.314	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5734	1.513	ug/L #	64

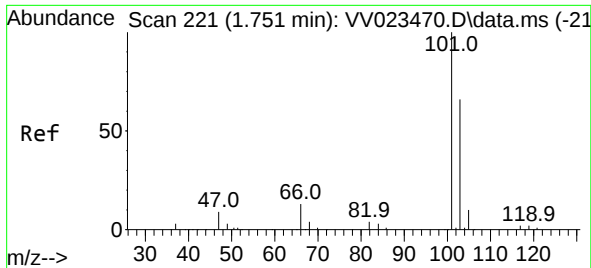
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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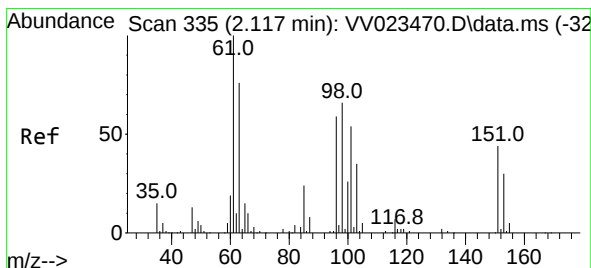
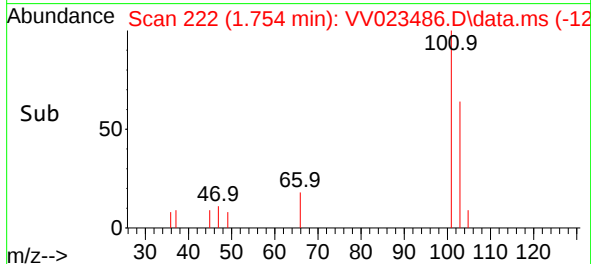
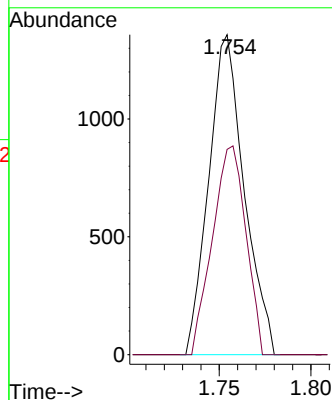
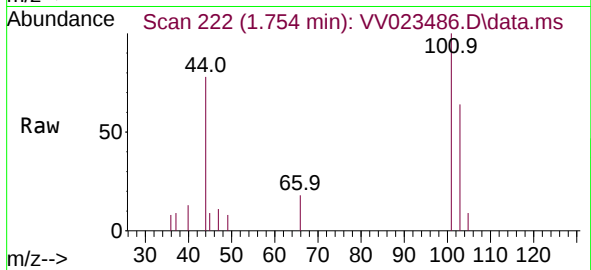




#9
Trichlorofluoromethane
Concen: 0.113 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

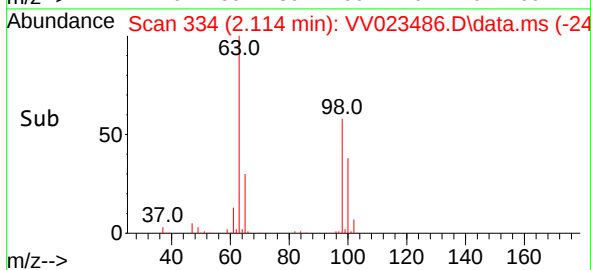
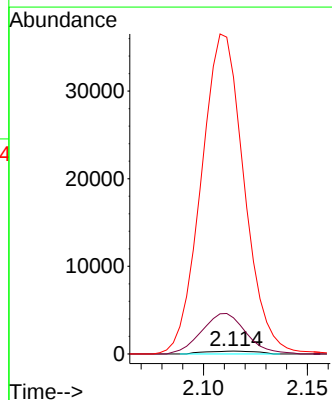
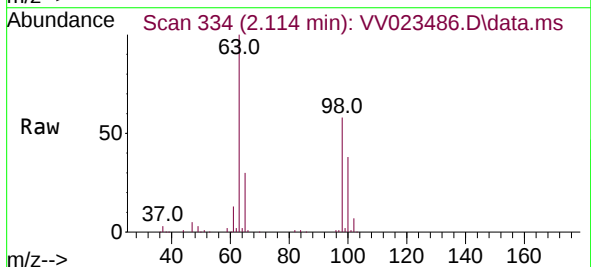
Instrument :
MSVOA_V
ClientSampleId :
BG1Y9

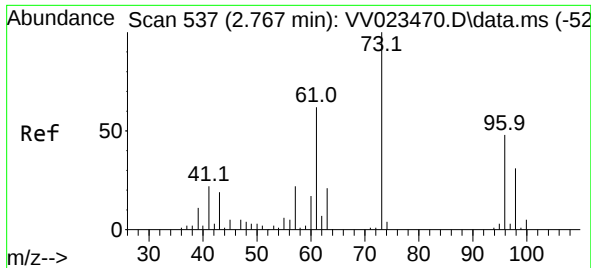
Tgt Ion:101 Resp: 1820
Ion Ratio Lower Upper
101 100
103 61.4 52.6 79.0



#12
1,1-Dichloroethene
Concen: 0.074 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

Tgt Ion: 96 Resp: 570
Ion Ratio Lower Upper
96 100
61 1251.2 121.5 225.7#
63 9578.2 99.6 185.0#

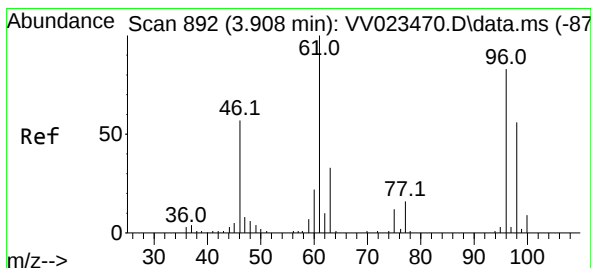
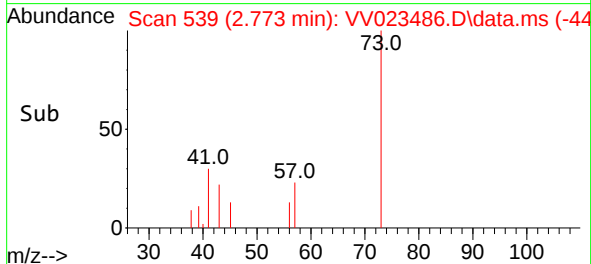
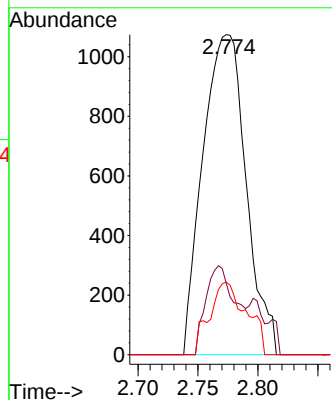
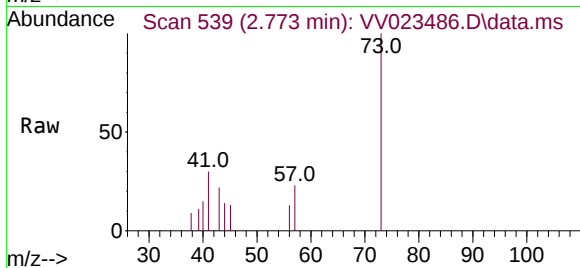




#17
Methyl tert-butyl Ether
Concen: 0.159 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

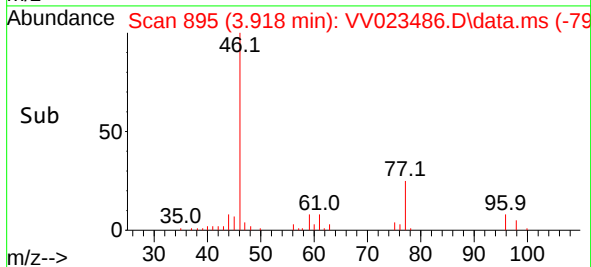
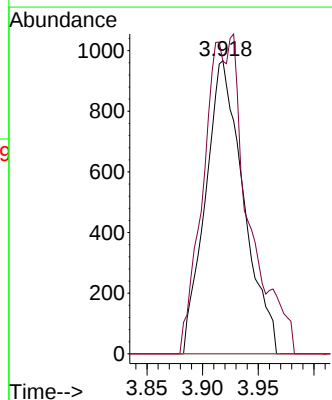
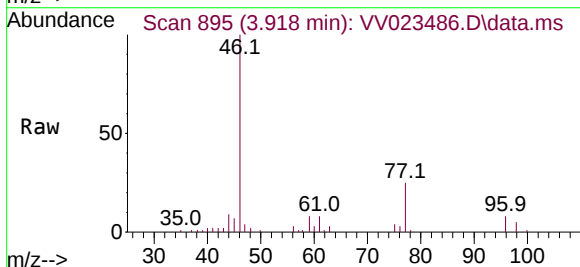
Instrument :
MSVOA_V
ClientSampleId :
BG1Y9

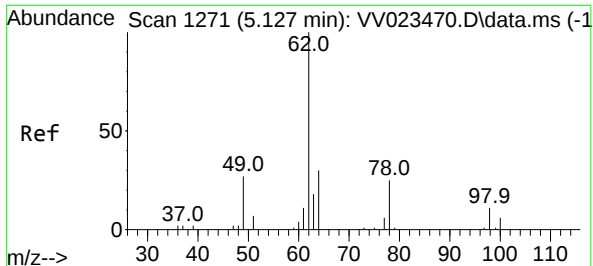
Tgt Ion: 73	Resp:	2695
Ion	Ratio	Lower Upper
73	100	
43	19.1	17.4 26.0
57	19.4	16.5 24.7



#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

Tgt Ion: 96	Resp:	2307
Ion	Ratio	Lower Upper
96	100	
61	99.7	92.3 171.3
68	0.0	0.4 0.8





#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV023486.D

Acq: 15 Nov 2021 16:42

Instrument :

MSVOA_V

ClientSampleId :

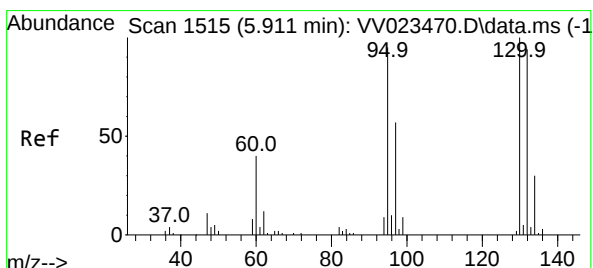
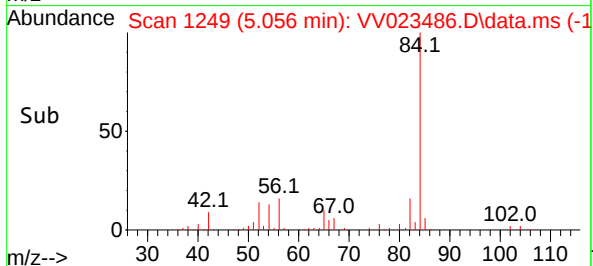
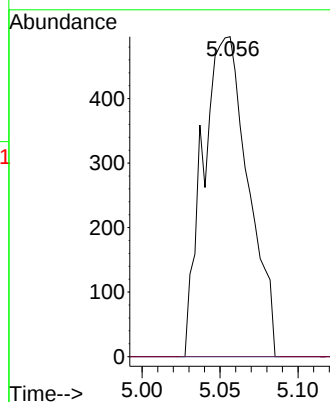
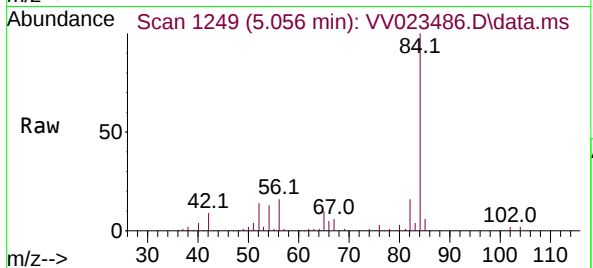
BG1Y9

Tgt Ion: 62 Resp: 1000

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 6.158 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023486.D

Acq: 15 Nov 2021 16:42

Tgt Ion: 95 Resp: 59045

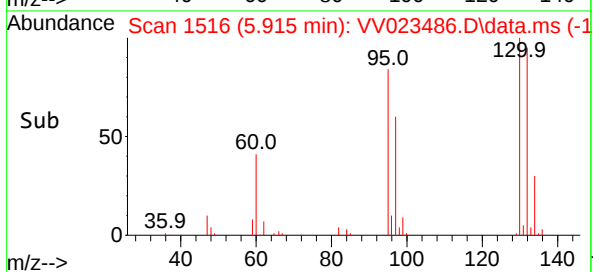
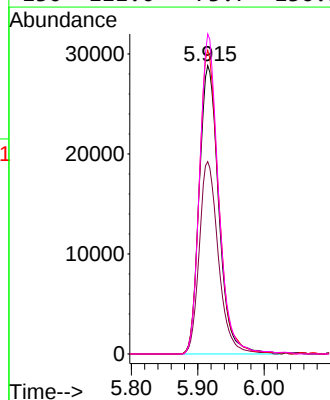
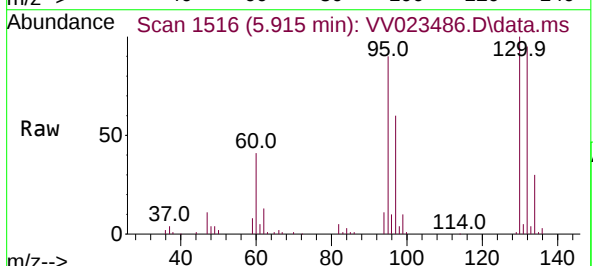
Ion Ratio Lower Upper

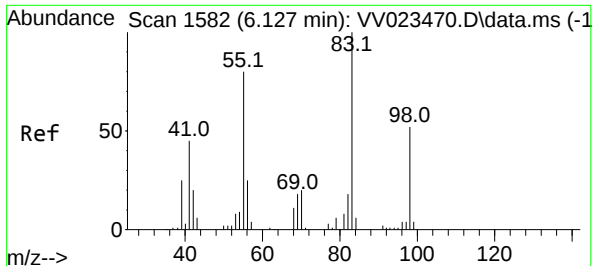
95 100

97 66.7 45.0 83.6

132 105.4 69.7 129.4

130 111.0 73.7 136.9

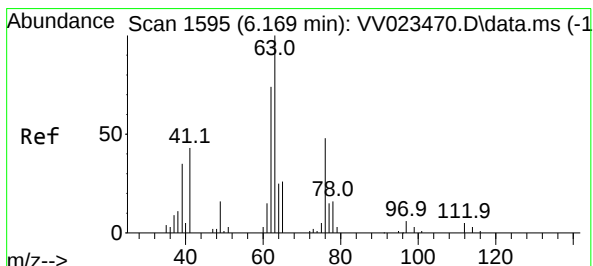
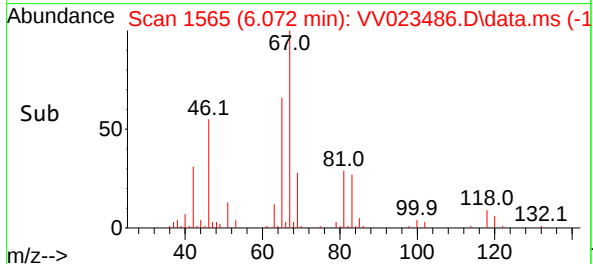
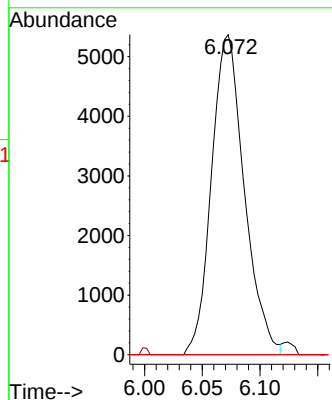
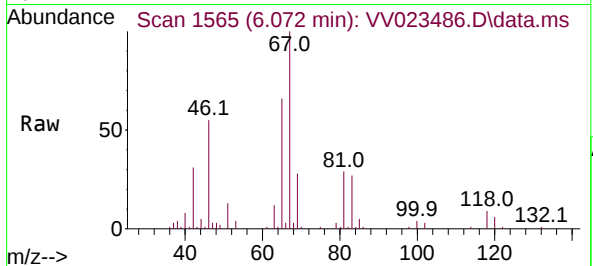




#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

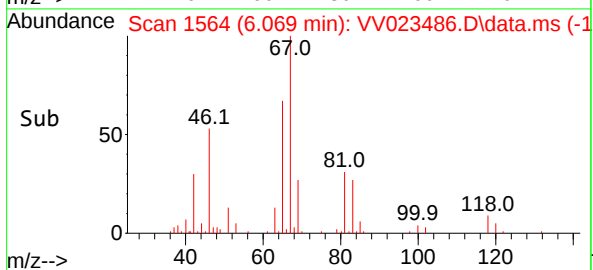
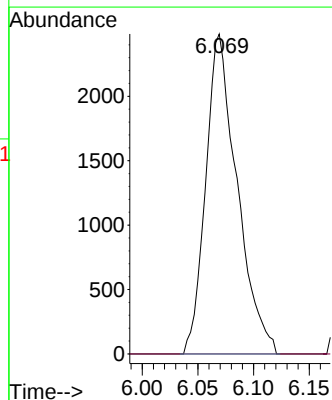
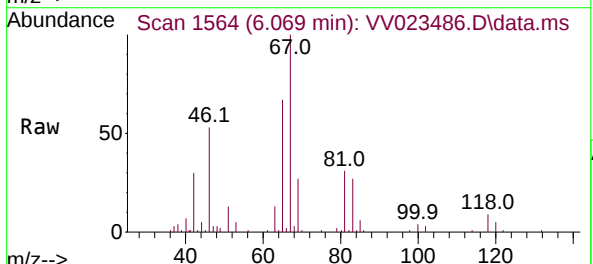
Instrument :
MSVOA_V
ClientSampleId :
BG1Y9

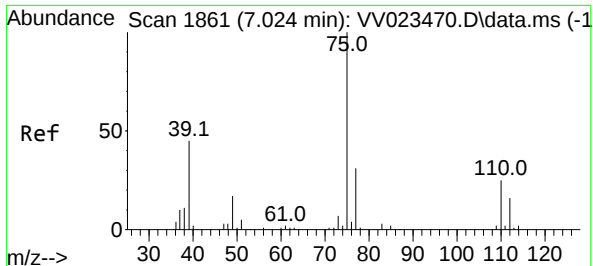
Tgt Ion: 83 Resp: 10600
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 3.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

Tgt Ion: 63 Resp: 4870
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.992 min Scan# 1188

Delta R.T. -0.032 min

Lab File: VV023486.D

Acq: 15 Nov 2021 16:42

Instrument :

MSVOA_V

ClientSampleId :

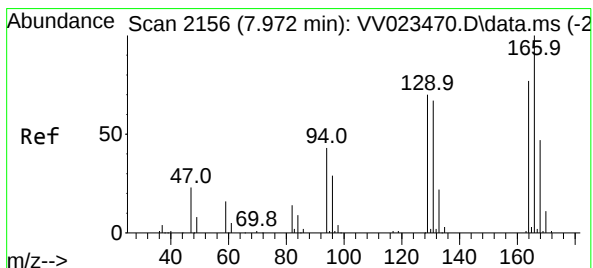
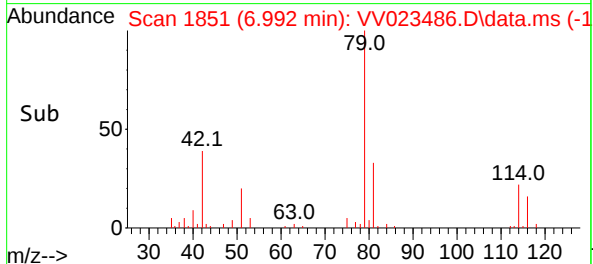
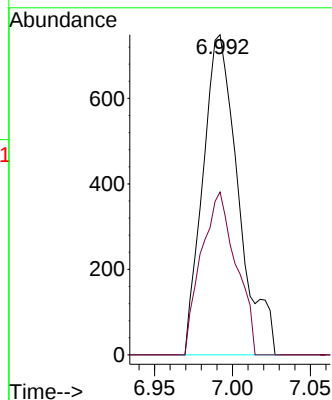
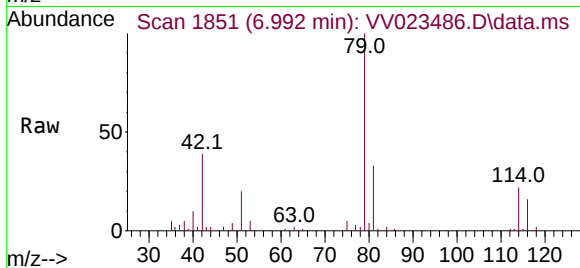
BG1Y9

Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

77 50.9 21.6 40.2#



#47

Tetrachloroethene

Concen: 2.381 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023486.D

Acq: 15 Nov 2021 16:42

Tgt Ion: 164 Resp: 19783

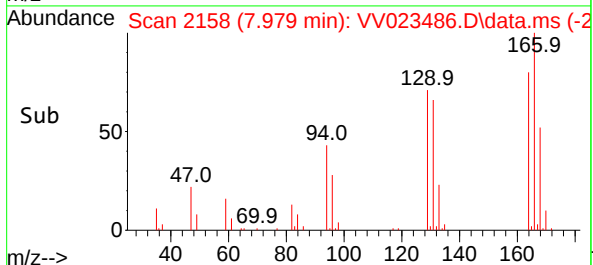
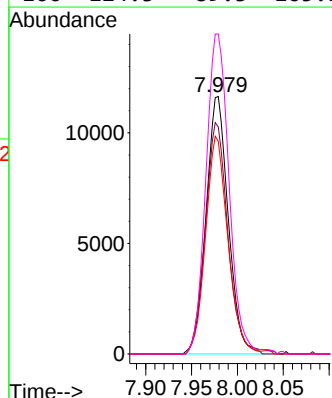
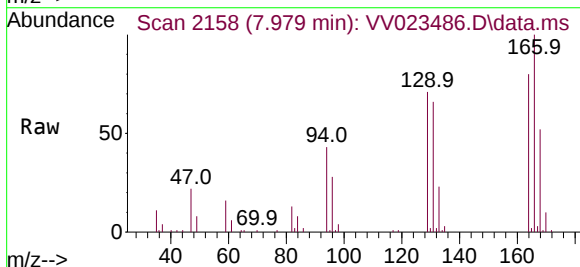
Ion Ratio Lower Upper

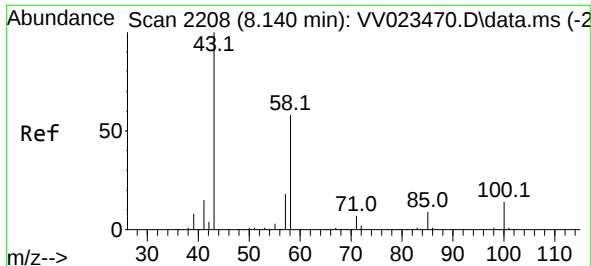
164 100

129 88.2 64.0 119.0

131 82.7 63.4 117.8

166 124.3 89.3 165.9

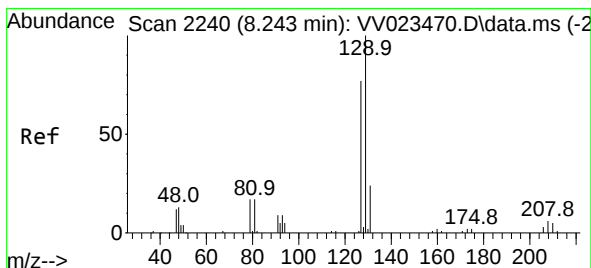
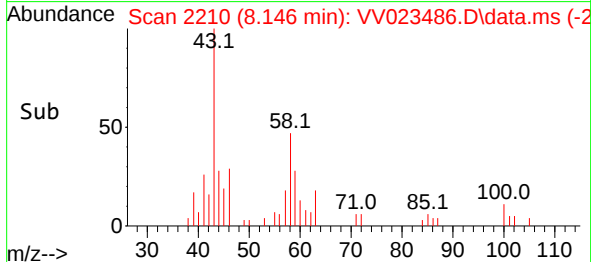
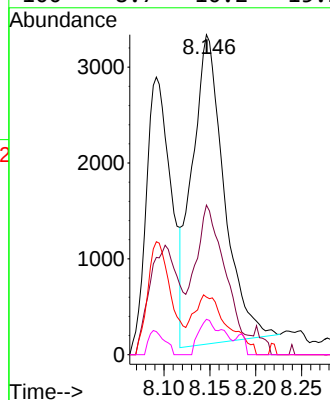
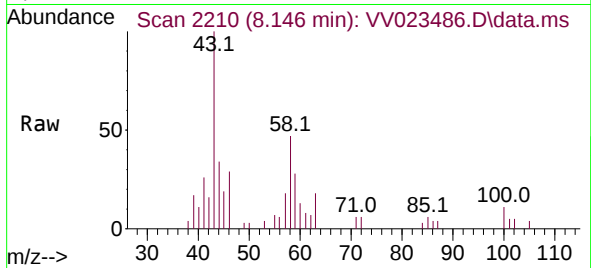




#48
2-Hexanone
Concen: 2.854 ug/L
RT: 8.146 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

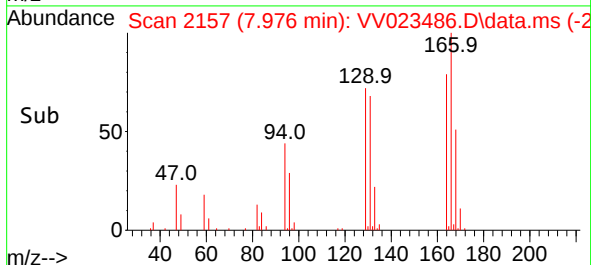
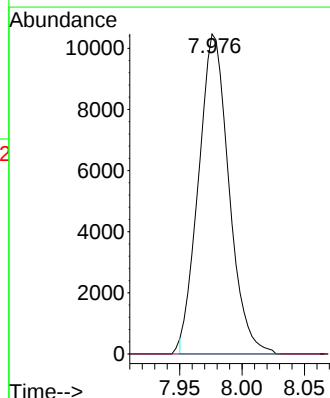
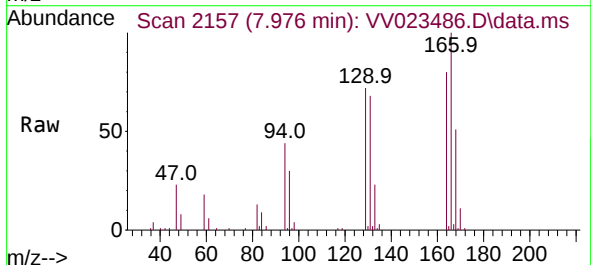
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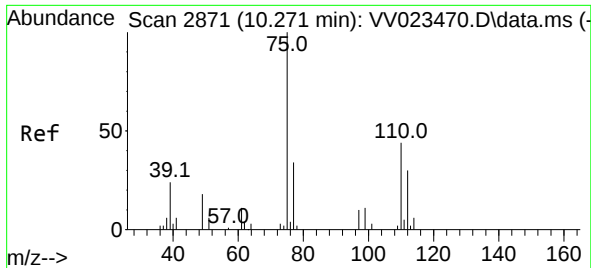
Tgt Ion: 43 Resp: 7807
Ion Ratio Lower Upper
43 100
58 46.1 43.7 65.5
57 20.7 14.1 21.1
100 8.7 10.2 15.2#



#49
Dibromochloromethane
Concen: 2.314 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023486.D
Acq: 15 Nov 2021 16:42

Tgt Ion: 129 Resp: 17731
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.513 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV023486.D

Acq: 15 Nov 2021 16:42

Instrument :

MSVOA_V

ClientSampleId :

BG1Y9

Tgt Ion: 75 Resp: 5734

Ion Ratio Lower Upper

75 100

77 35.9 26.6 39.8

110 1.6 31.8 47.6#

