

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
 Data File : VV023479.D
 Acq On : 15 Nov 2021 13:55
 Operator : SY/MD
 Sample : M4616-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y7

Quant Time: Nov 16 00:32:12 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	122432	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53680	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46782	6.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.000%
7) Chloroethane-d5	1.568	69	35692	5.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.200%
11) 1,1-Dichloroethene-d2	2.108	63	61497	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.892	46	70817	53.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	4.352	84	79101	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	38220	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.053	84	160071	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.069	67	47341	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	140110	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.625	79	16693	4.727	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.092	63	47358	36.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27358	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50048	5.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%

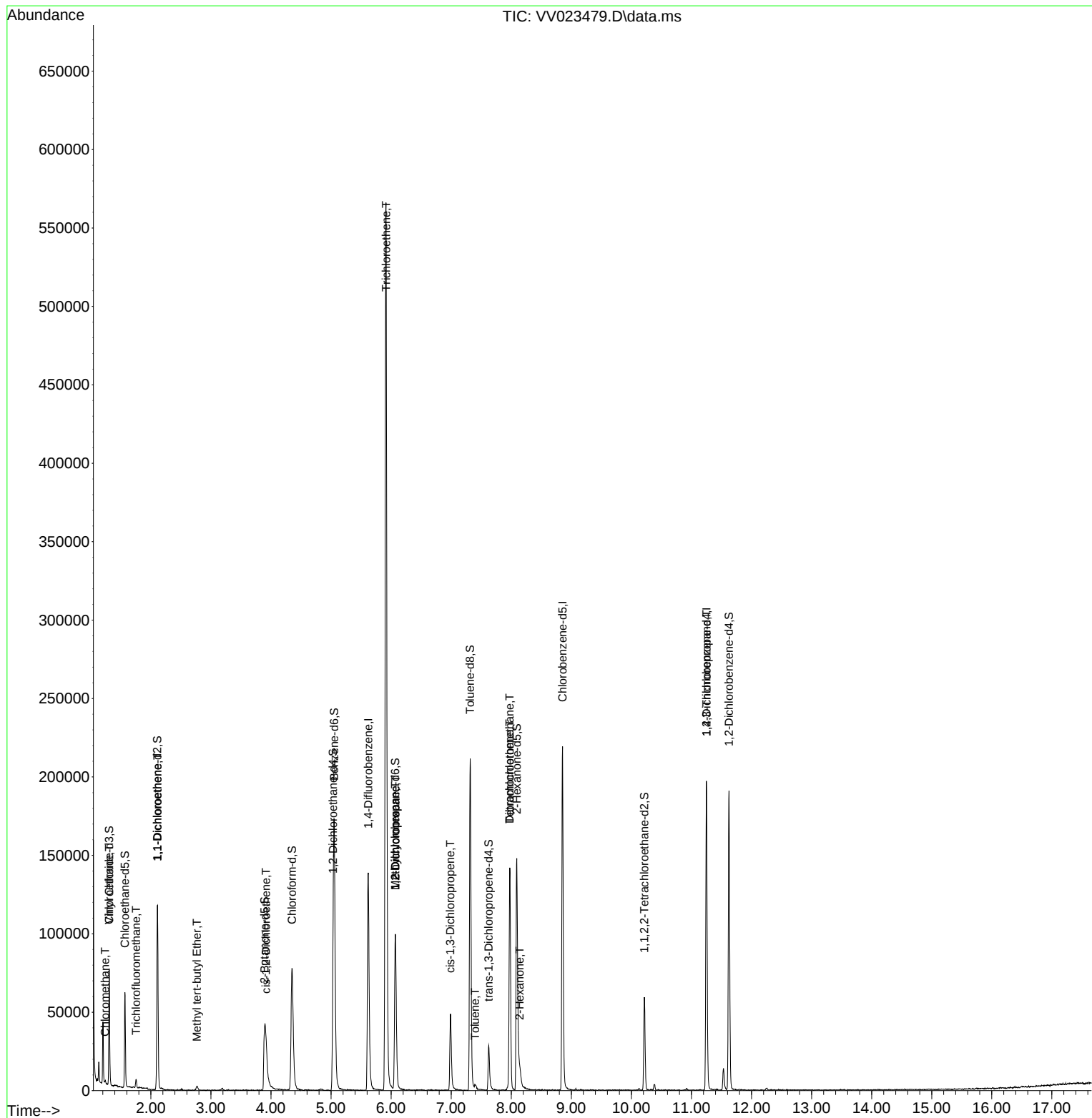
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	1150	0.113	ug/L	98
8) Chloroethane	1.307	64	778	0.133	ug/L #	1
9) Trichlorofluoromethane	1.754	101	3157	0.207	ug/L	100
12) 1,1-Dichloroethene	2.111	96	668	0.091	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	1919	0.119	ug/L #	92
22) cis-1,2-Dichloroethene	3.918	96	7189	0.832	ug/L #	78
34) Trichloroethene	5.915	95	194141	21.183	ug/L	97
35) Methylcyclohexane	6.069	83	12173	0.842	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5521	0.686	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1284	0.111	ug/L #	62
42) Toluene	7.400	91	2333	0.063	ug/L	98
47) Tetrachloroethene	7.976	164	33902	4.268	ug/L	95
48) 2-Hexanone	8.140	43	7440	2.845	ug/L #	39
49) Dibromochloromethane	7.976	129	29407	4.015	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5827	1.634	ug/L #	66

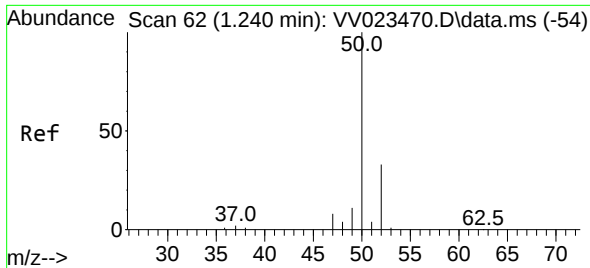
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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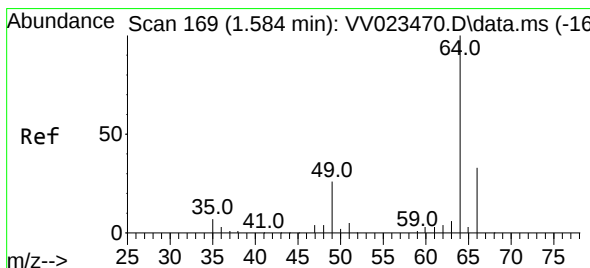
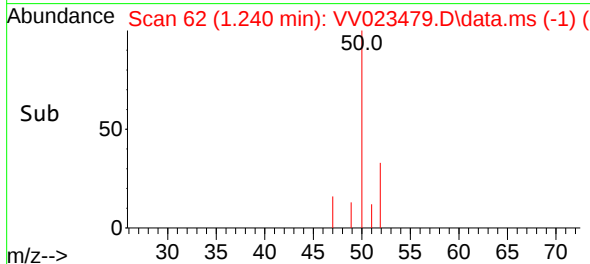
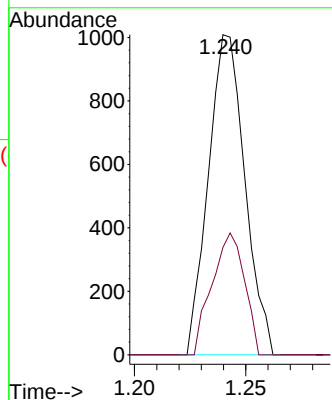
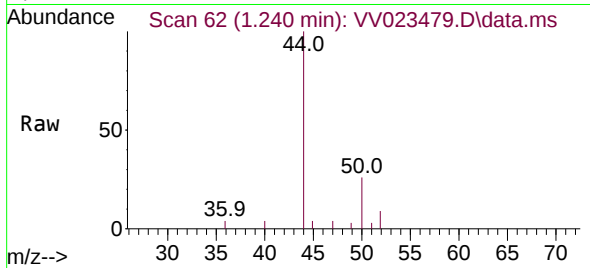




#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

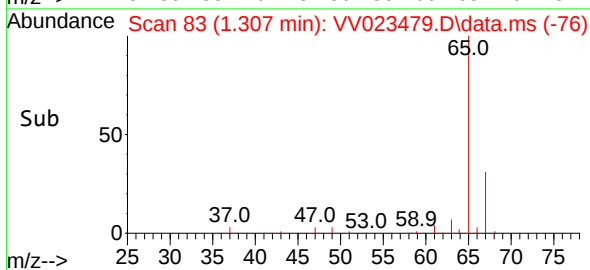
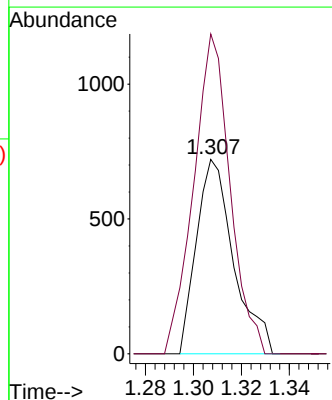
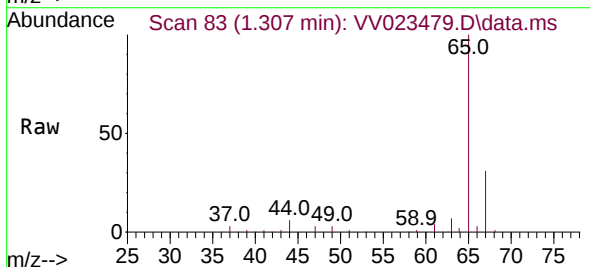
Instrument :
MSVOA_V
ClientSampleId :
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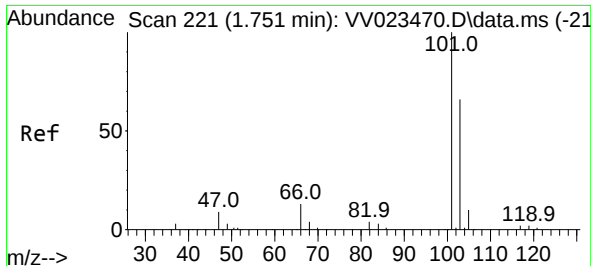
Tgt Ion: 50 Resp: 1150
Ion Ratio Lower Upper
50 100
52 33.5 24.3 45.1



#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion: 64 Resp: 778
Ion Ratio Lower Upper
64 100
66 164.5 22.1 41.1#

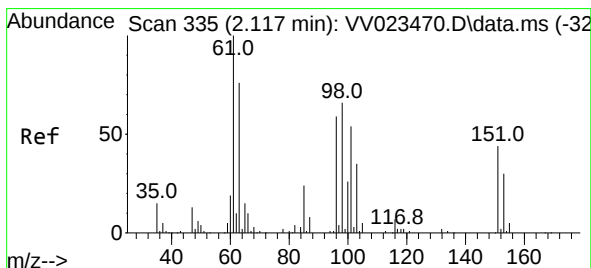
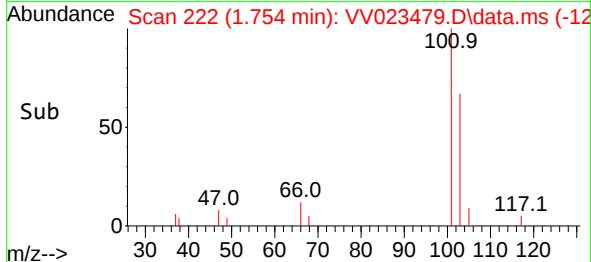
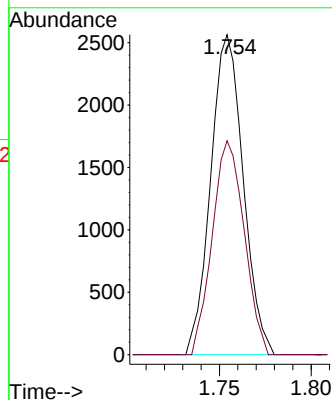
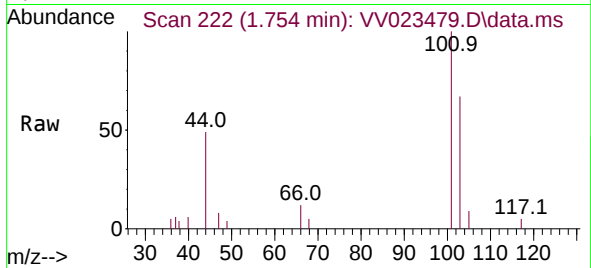




#9
Trichlorofluoromethane
Concen: 0.207 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

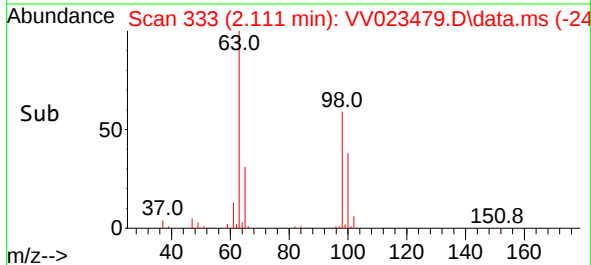
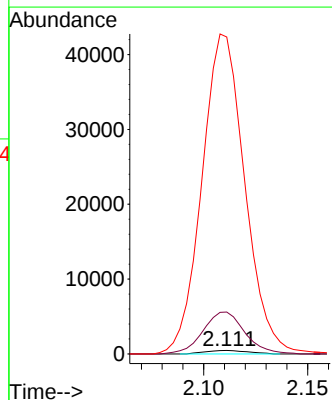
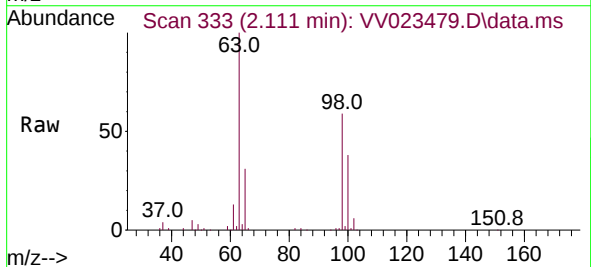
Instrument :
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ClientSampleId :
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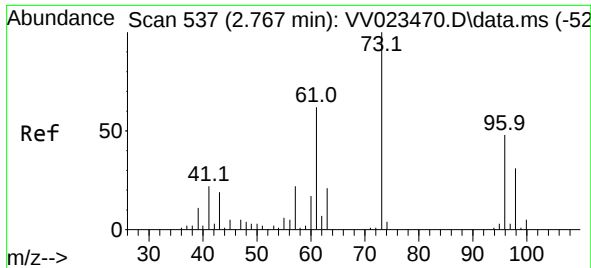
Tgt Ion:101 Resp: 3157
Ion Ratio Lower Upper
101 100
103 65.6 52.6 79.0



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion: 96 Resp: 668
Ion Ratio Lower Upper
96 100
61 1204.9 121.5 225.7#
63 9108.0 99.6 185.0#

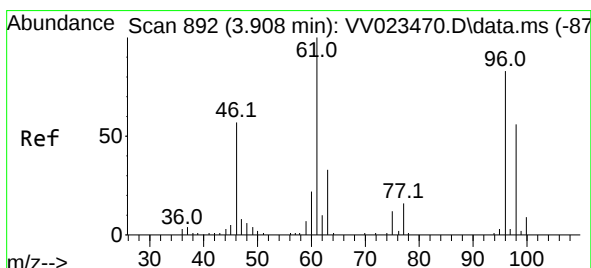
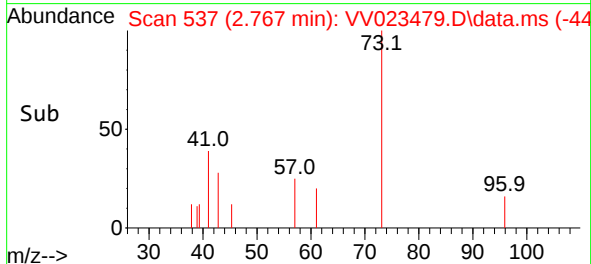
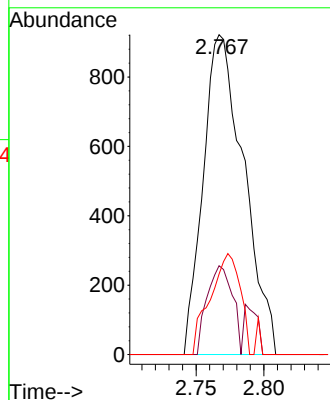
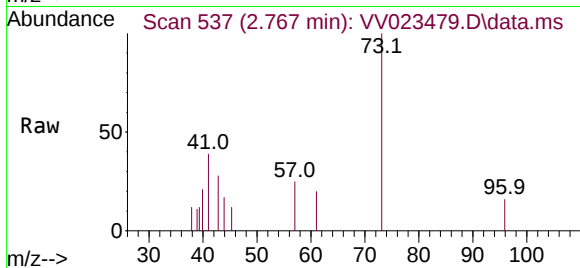




#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

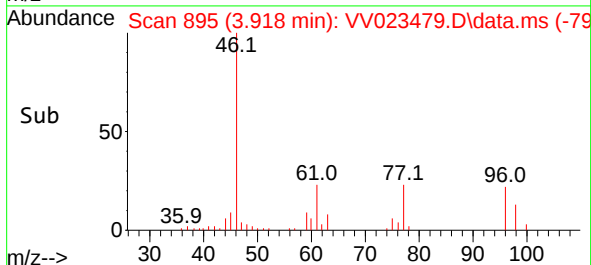
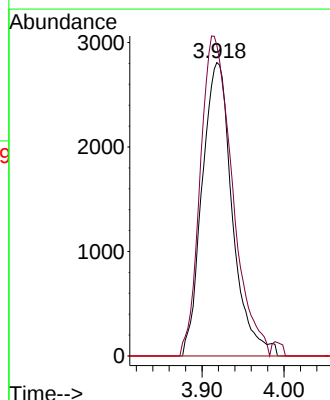
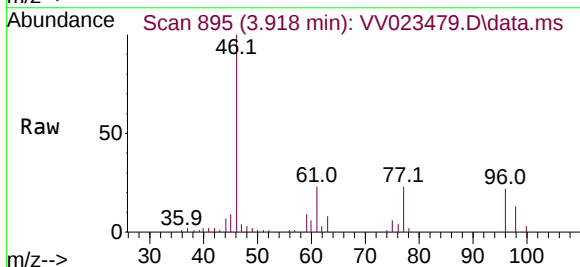
Instrument :
MSVOA_V
ClientSampleId :
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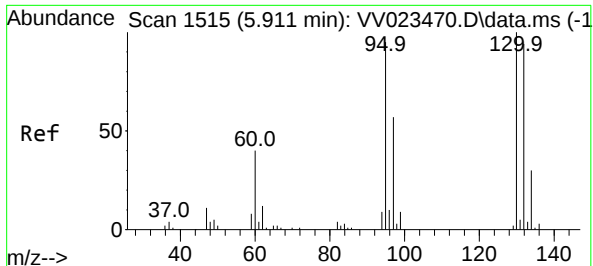
Tgt Ion: 73 Resp: 1919
Ion Ratio Lower Upper
73 100
43 17.3 17.4 26.0#
57 23.4 16.5 24.7



#22
cis-1,2-Dichloroethene
Concen: 0.832 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion: 96 Resp: 7189
Ion Ratio Lower Upper
96 100
61 105.8 92.3 171.3
68 0.0 0.4 0.8#

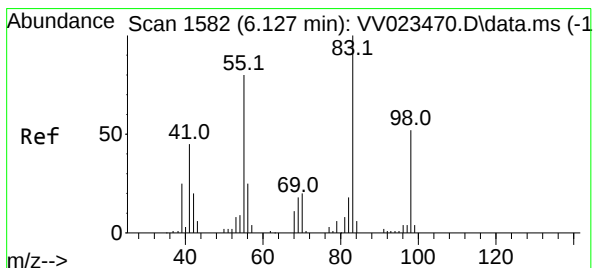
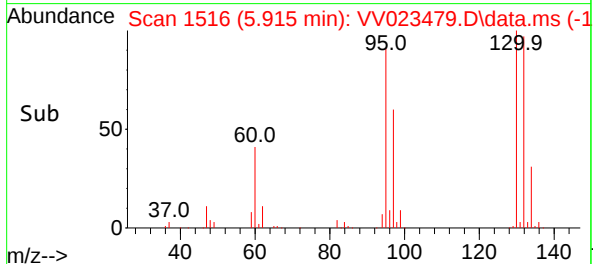
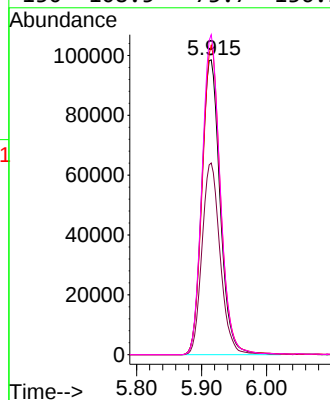
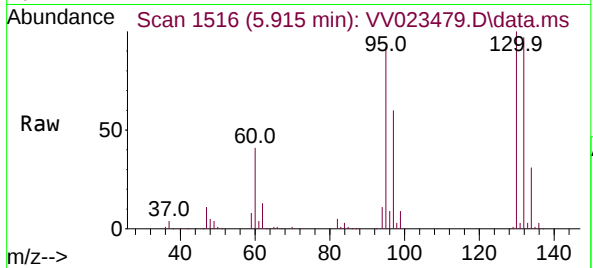




#34
Trichloroethene
Concen: 21.183 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

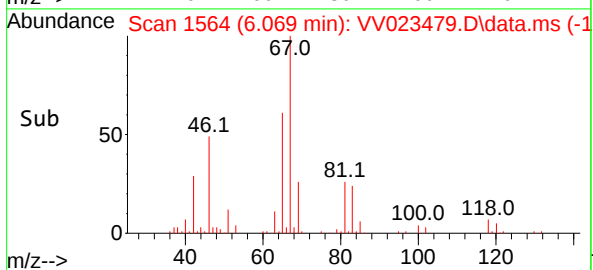
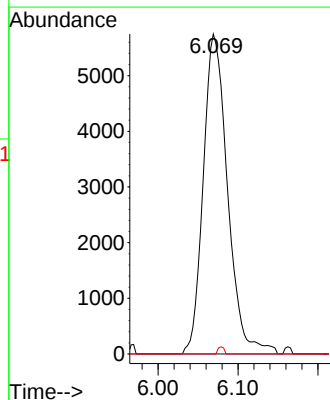
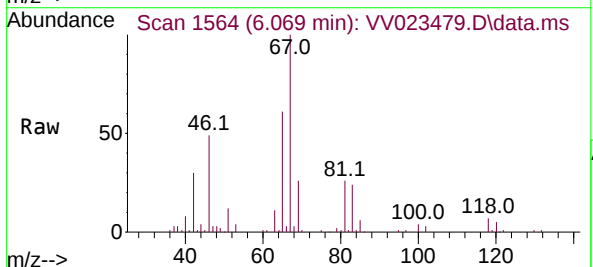
Instrument :
MSVOA_V
ClientSampleId :
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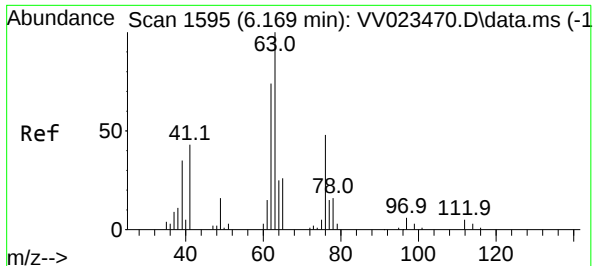
Tgt Ion: 95 Resp: 194141
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 104.9 69.7 129.4
130 108.5 73.7 136.9



#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion: 83 Resp: 12173
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 6.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023479.D

Acq: 15 Nov 2021 13:55

Instrument :

MSVOA_V

ClientSampleId :

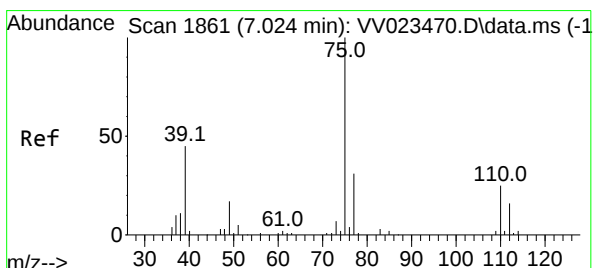
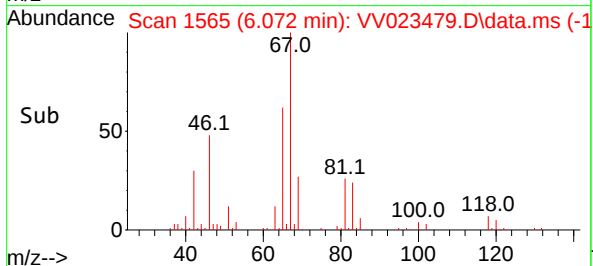
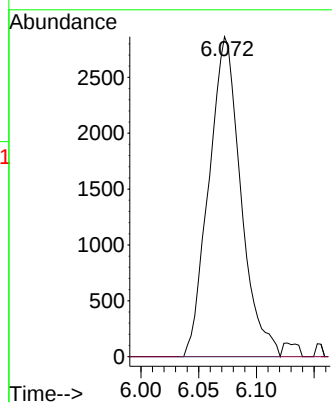
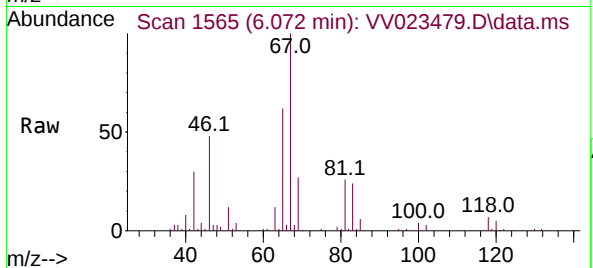
BG1Y7

Tgt Ion: 63 Resp: 5521

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV023479.D

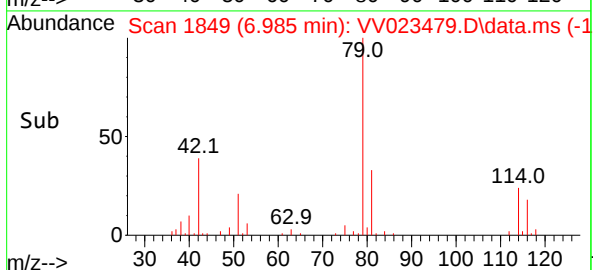
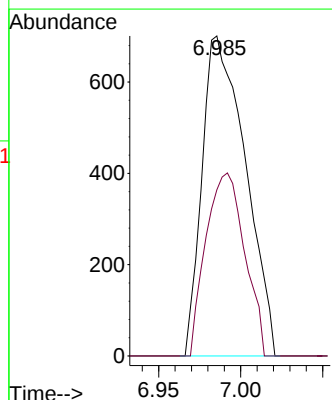
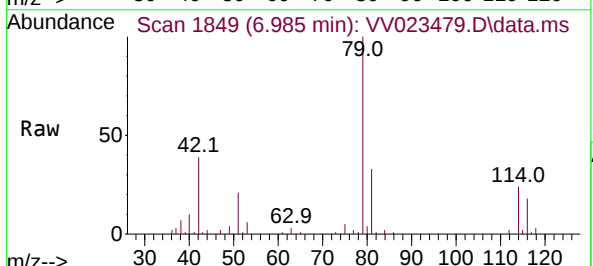
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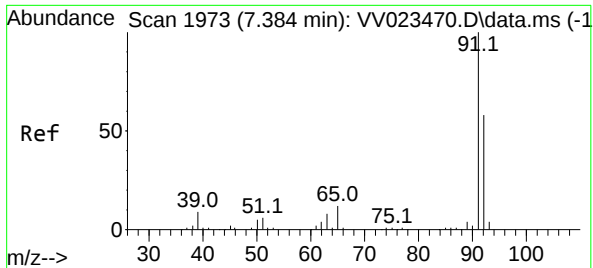
Tgt Ion: 75 Resp: 1284

Ion Ratio Lower Upper

75 100

77 51.9 21.6 40.2#





#42

Toluene

Concen: 0.063 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023479.D

Acq: 15 Nov 2021 13:55

Instrument :

MSVOA_V

ClientSampleId :

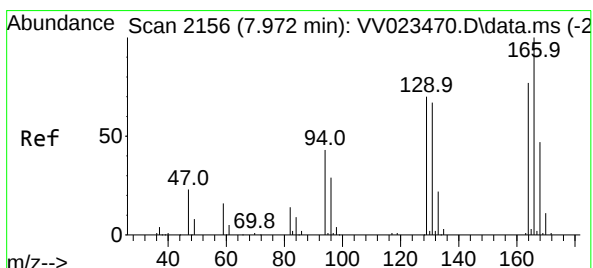
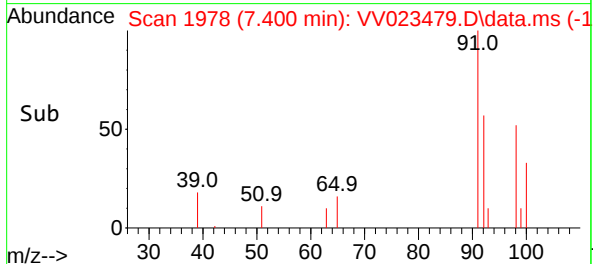
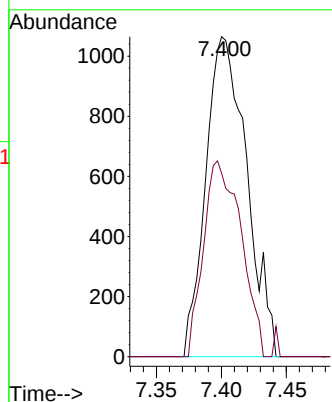
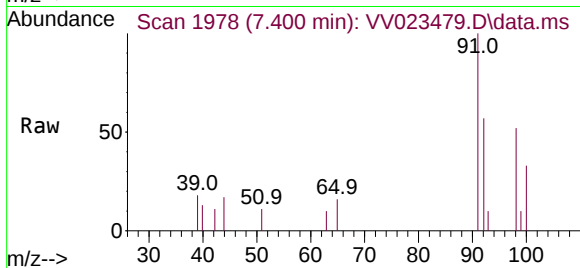
BG1Y7

Tgt Ion: 91 Resp: 2333

Ion Ratio Lower Upper

91 100

92 57.3 39.3 72.9



#47

Tetrachloroethene

Concen: 4.268 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023479.D

Acq: 15 Nov 2021 13:55

Tgt Ion: 164 Resp: 33902

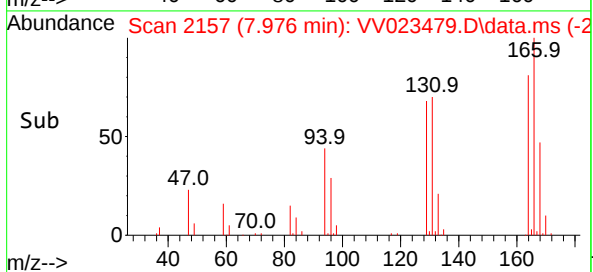
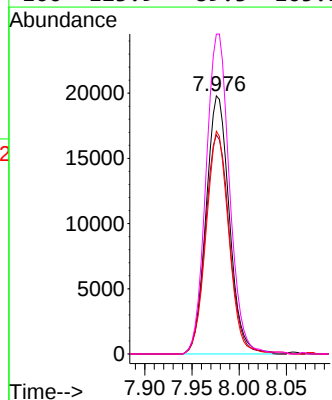
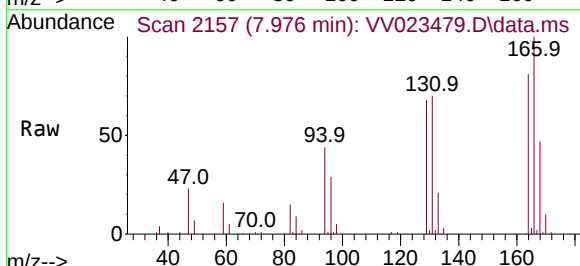
Ion Ratio Lower Upper

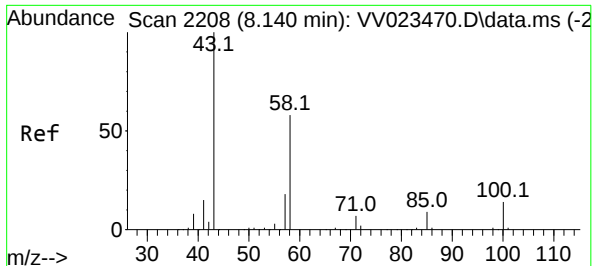
164 100

129 84.9 64.0 119.0

131 86.3 63.4 117.8

166 123.9 89.3 165.9

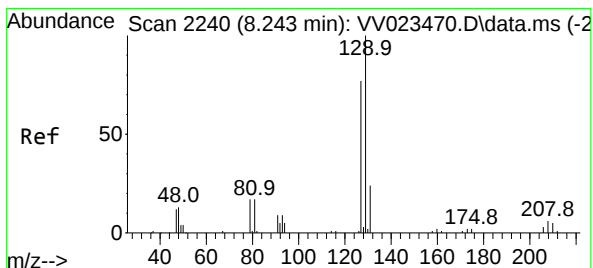
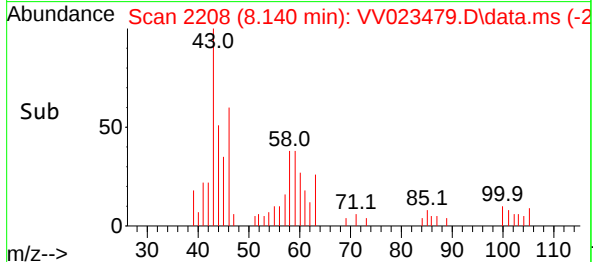
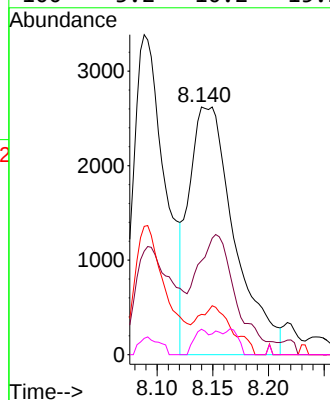
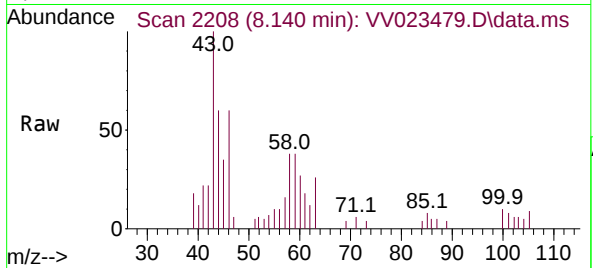




#48
2-Hexanone
Concen: 2.845 ug/L
RT: 8.140 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

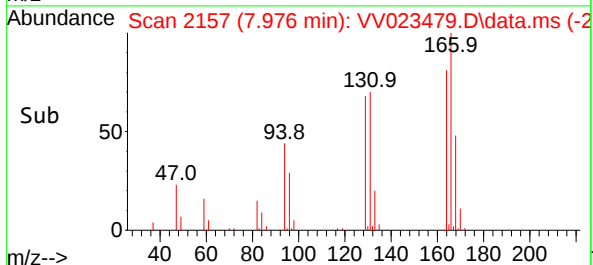
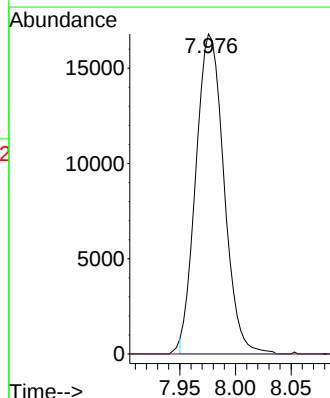
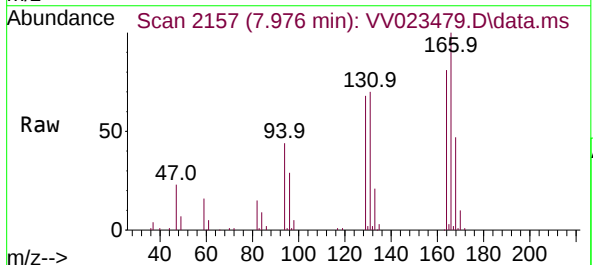
Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

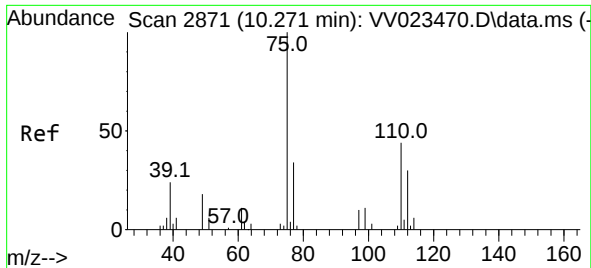
Tgt Ion:	43	Resp:	7440
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.7	65.5#
57	0.0	14.1	21.1#
100	3.2	10.2	15.2#



#49
Dibromochloromethane
Concen: 4.015 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023479.D
Acq: 15 Nov 2021 13:55

Tgt Ion:	129	Resp:	29407
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.634 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV023479.D

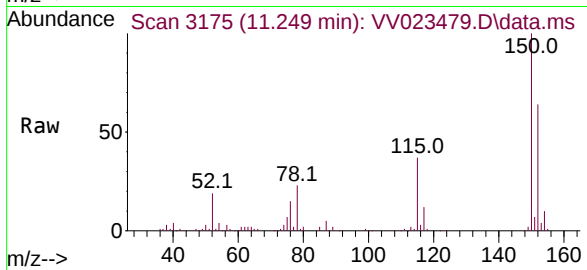
Acq: 15 Nov 2021 13:55

Instrument :

MSVOA_V

ClientSampleId :

BG1Y7



Tgt Ion: 75 Resp: 5827

Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8

110 3.0 31.8 47.6#

