

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023254.D
 Acq On : 06 Nov 2021 00:11
 Operator : SY/MD
 Sample : M4535-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:47:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

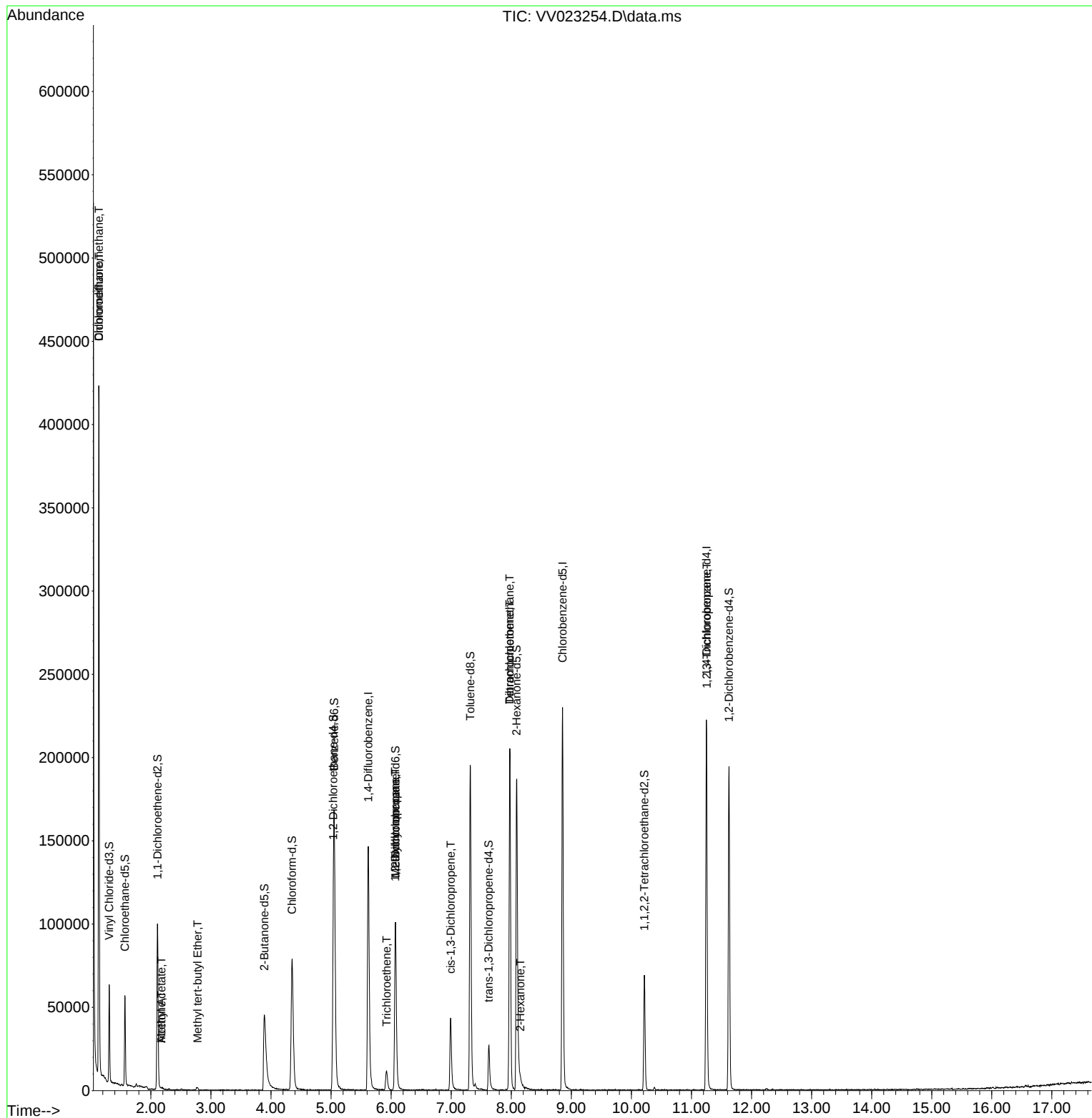
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130532	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35460	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	32207	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.111	63	52074	3.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.889	46	82286	66.602	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.200%#
24) Chloroform-d	4.352	84	80815	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.037	65	38367	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.053	84	155042	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.072	67	48431	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.316	98	131055	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	16336	4.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.088	63	63924	46.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32445	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	51861	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.133	85	5220	0.410	ug/L	97
3) Chloromethane	1.133	50	15500	1.432	ug/L #	78
13) Acetone	2.175	43	1945	2.130	ug/L	89
15) Methyl Acetate	2.175	43	1923	0.551	ug/L #	56
17) Methyl tert-butyl Ether	2.776	73	1513	0.088	ug/L #	74
34) Trichloroethene	5.924	95	4022	0.414	ug/L	96
35) Methylcyclohexane	6.072	83	11880	0.775	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5355	0.628	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1210	0.099	ug/L	84
47) Tetrachloroethene	7.976	164	47822	5.685	ug/L	98
48) 2-Hexanone	8.152	43	3151	1.112	ug/L #	83
49) Dibromochloromethane	7.976	129	41451	5.343	ug/L #	11
61) 1,2,3-Trichloropropane	11.252	75	6500	1.627	ug/L #	63

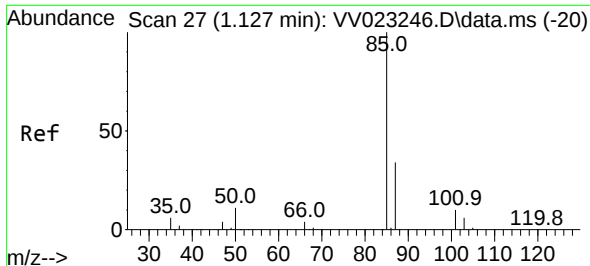
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 06:44:32 2021
Response via : Initial Calibration

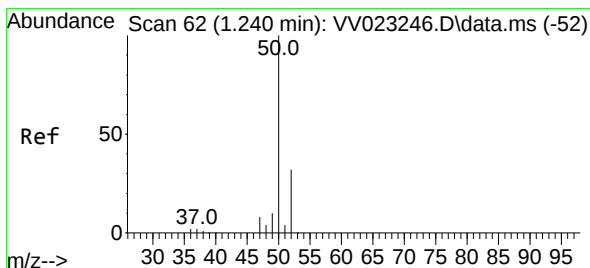
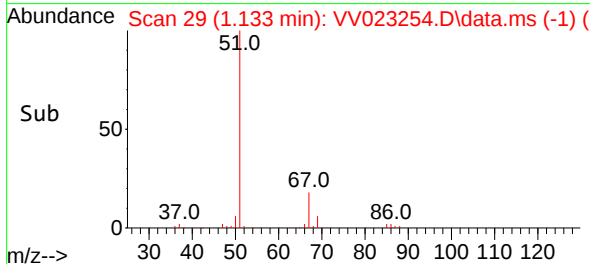
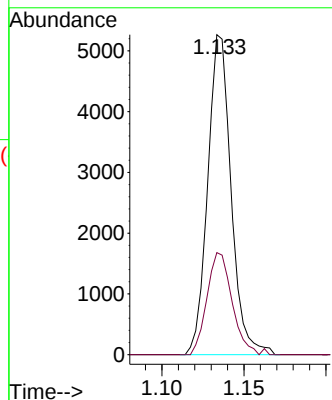
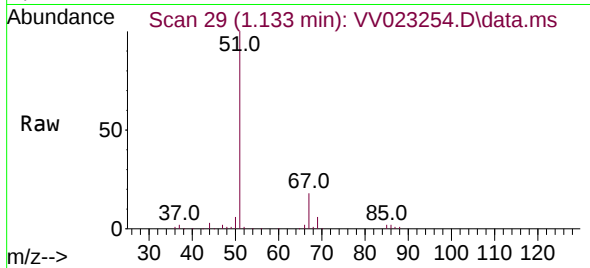




#2
 Dichlorodifluoromethane
 Concen: 0.410 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023254.D
 Acq: 06 Nov 2021 00:11

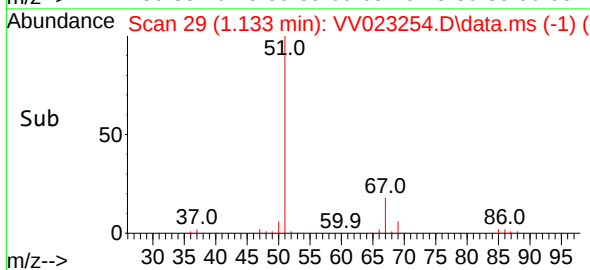
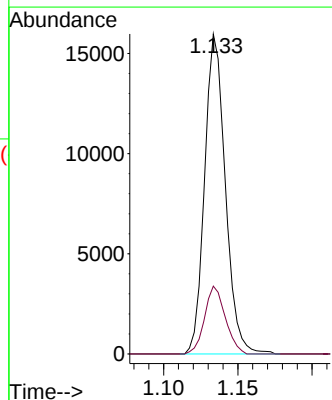
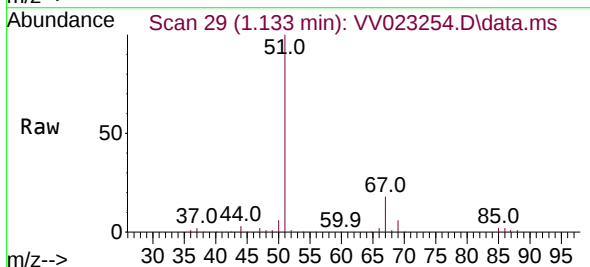
Instrument :
 MSVOA_V
 ClientSampleId :

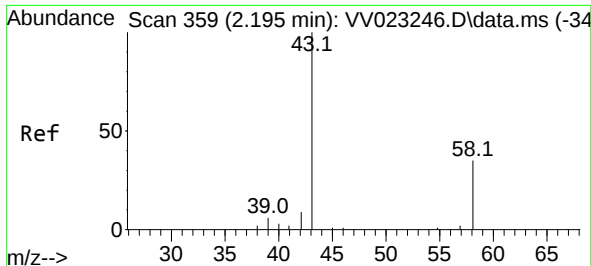
Tgt Ion: 85 Resp: 5220
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.0 39.0



#3
 Chloromethane
 Concen: 1.432 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.106 min
 Lab File: VV023254.D
 Acq: 06 Nov 2021 00:11

Tgt Ion: 50 Resp: 15500
 Ion Ratio Lower Upper
 50 100
 52 21.2 23.7 43.9#

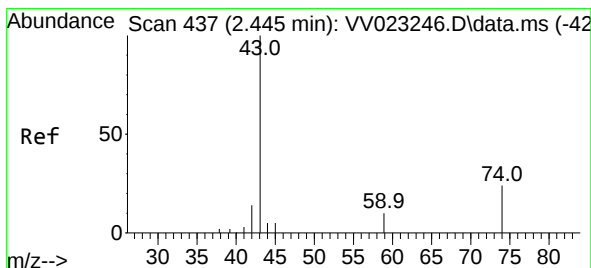
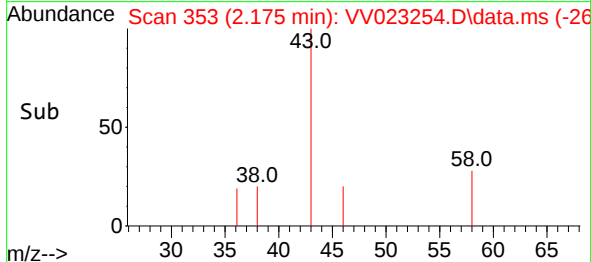
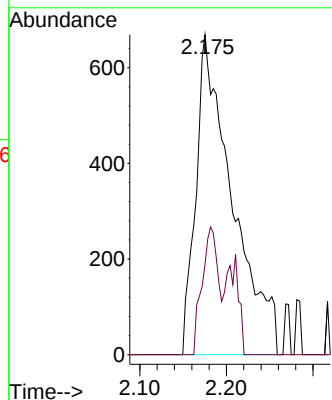
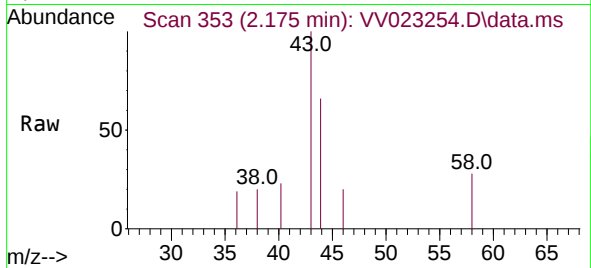




#13
Acetone
Concen: 2.130 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11

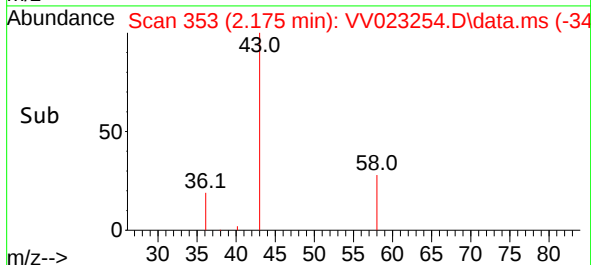
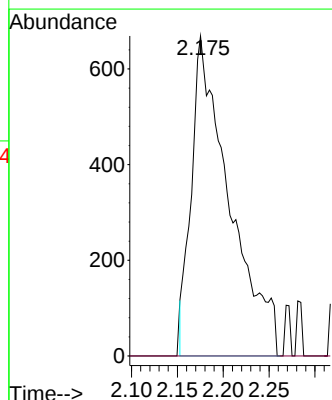
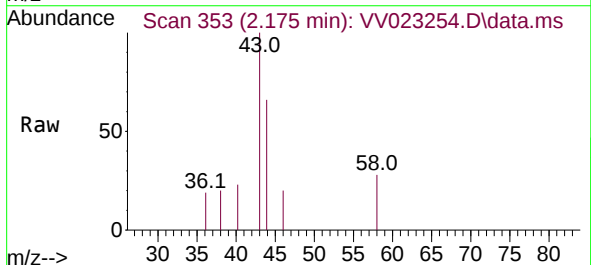
Instrument :
MSVOA_V
ClientSampleId :

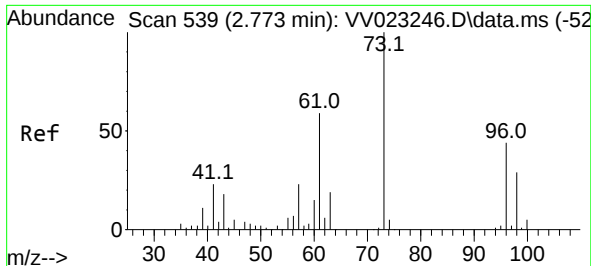
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 17.7 0.0 45.8



#15
Methyl Acetate
Concen: 0.551 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.270 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11

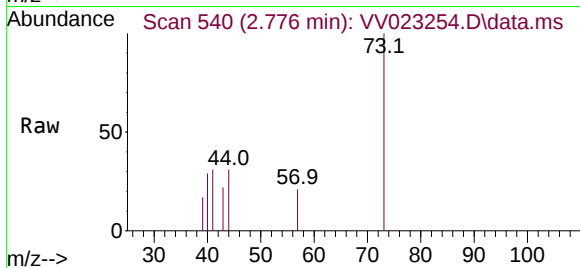
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#



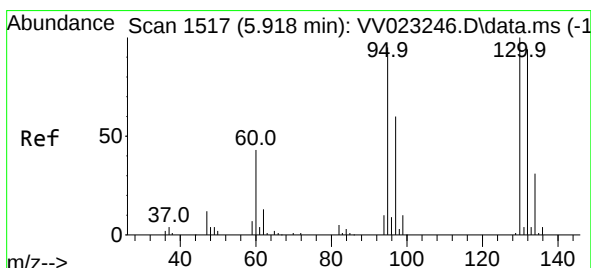
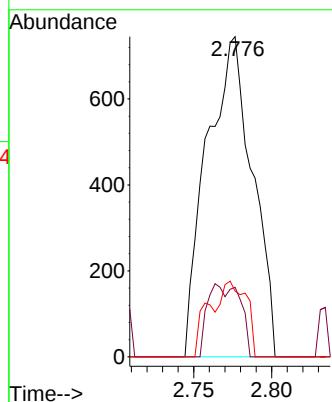
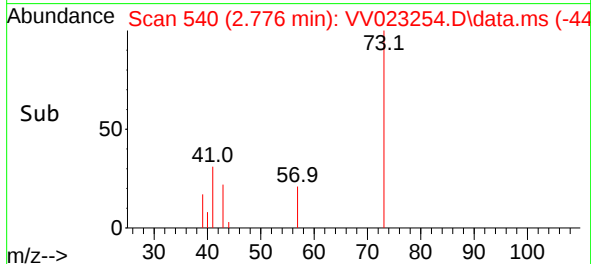


#17
Methyl tert-butyl Ether
Concen: 0.088 ug/L
RT: 2.776 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11

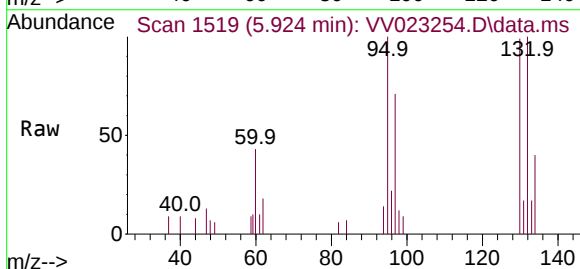
Instrument :
MSVOA_V
ClientSampleId :



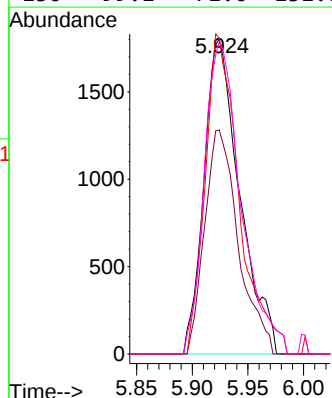
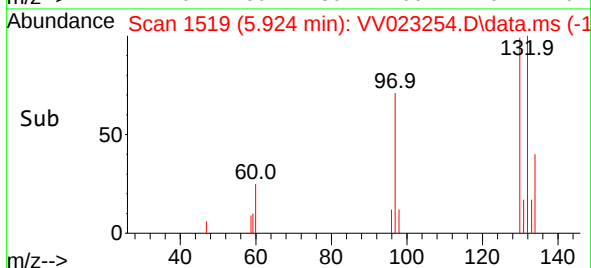
Tgt Ion: 73 Resp: 1513
Ion Ratio Lower Upper
73 100
43 2.8 14.2 21.4#
57 13.3 17.8 26.8#

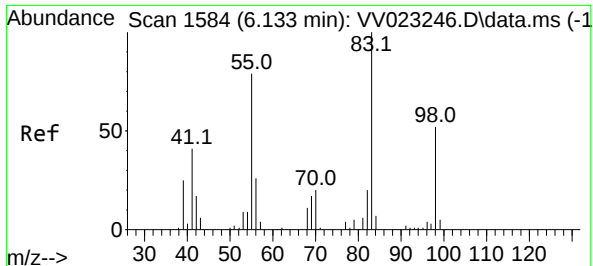


#34
Trichloroethene
Concen: 0.414 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11



Tgt Ion: 95 Resp: 4022
Ion Ratio Lower Upper
95 100
97 71.2 43.3 80.5
132 100.3 70.0 130.0
130 99.1 71.0 131.8

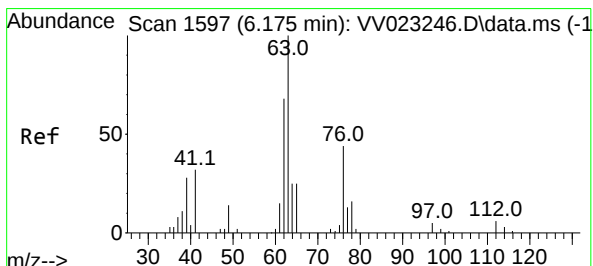
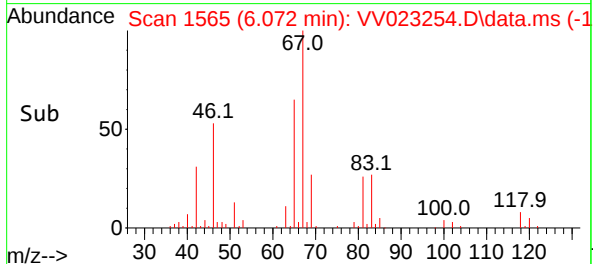
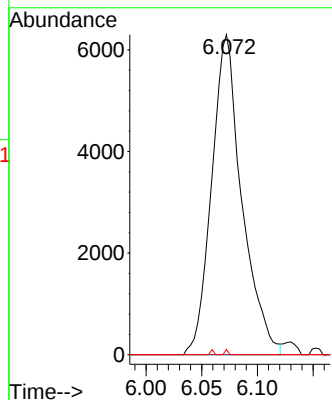
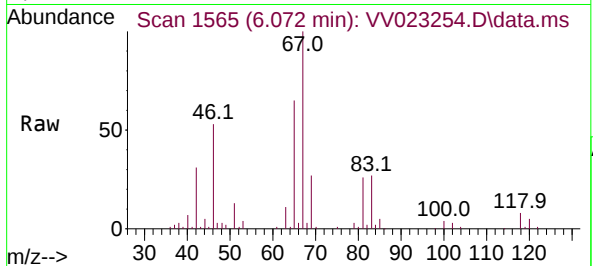




#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11

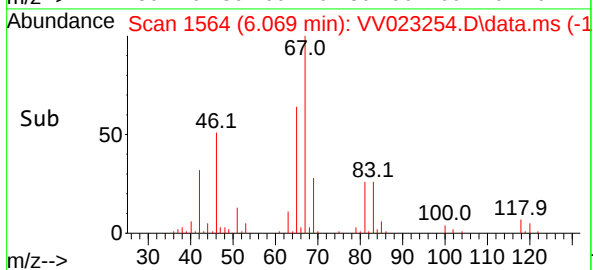
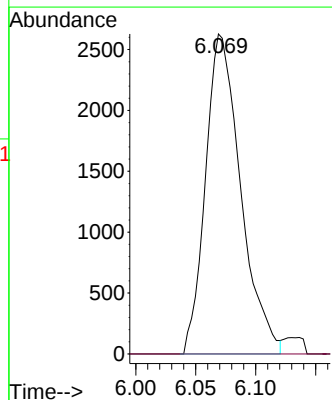
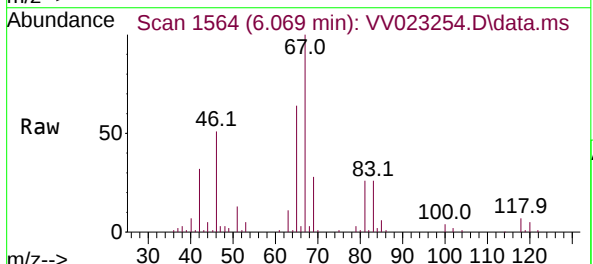
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MSVOA_V
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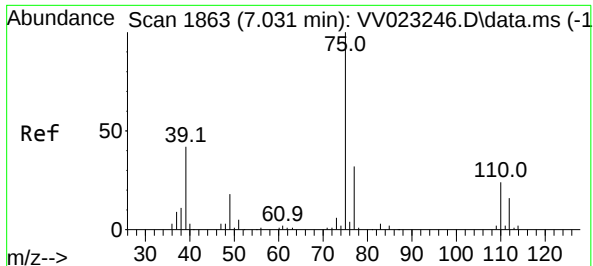
Tgt Ion: 83 Resp: 11880
Ion Ratio Lower Upper
83 100
55 0.0 59.6 89.4#
98 5.6 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023254.D
Acq: 06 Nov 2021 00:11

Tgt Ion: 63 Resp: 5355
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV023254.D

Acq: 06 Nov 2021 00:11

Instrument :

MSVOA_V

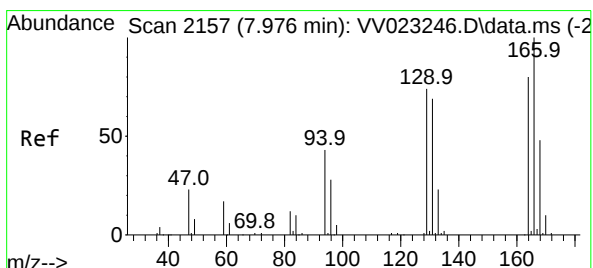
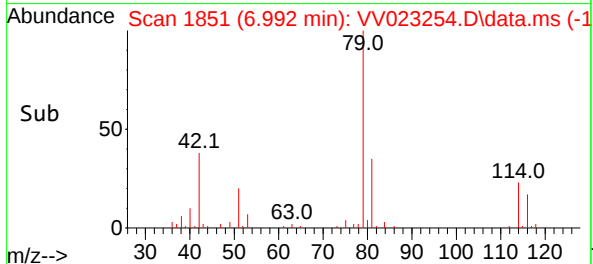
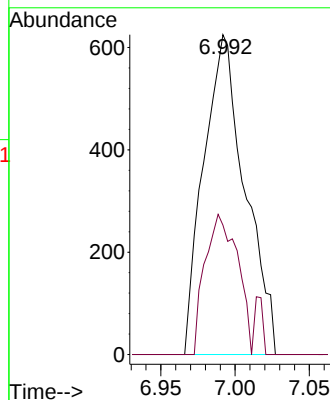
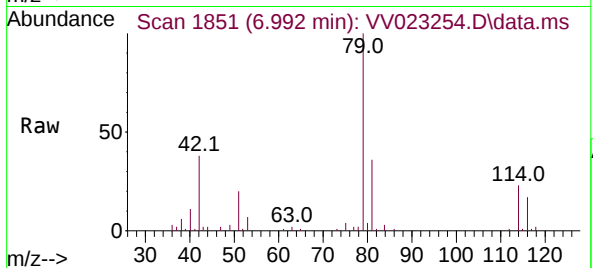
ClientSampleId :

Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

77 40.5 22.3 41.3



#47

Tetrachloroethene

Concen: 5.685 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023254.D

Acq: 06 Nov 2021 00:11

Tgt Ion: 164 Resp: 47822

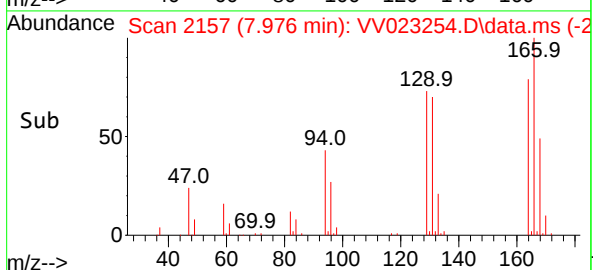
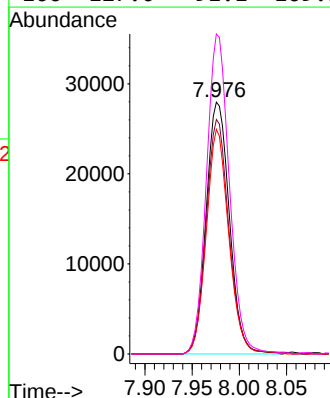
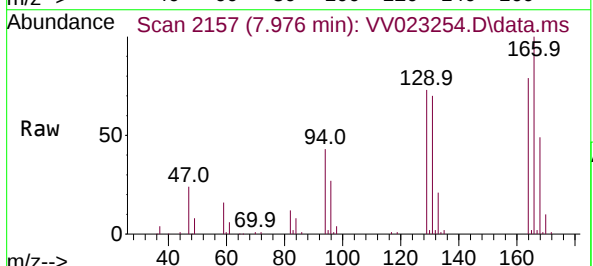
Ion Ratio Lower Upper

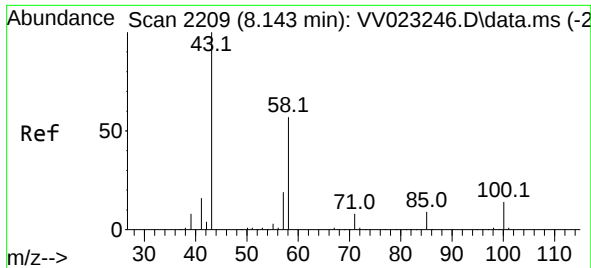
164 100

129 93.1 65.5 121.7

131 89.2 63.9 118.7

166 127.0 91.1 169.1





#48

2-Hexanone

Concen: 1.112 ug/L

RT: 8.152 min Scan# 2151

Delta R.T. 0.009 min

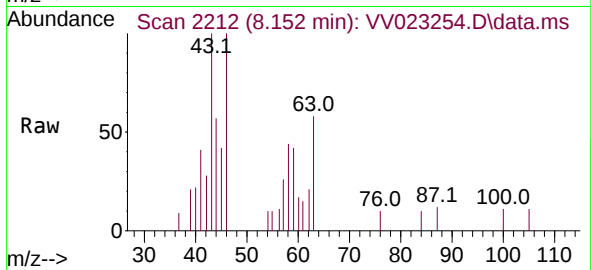
Lab File: VV023254.D

Acq: 06 Nov 2021 00:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3151

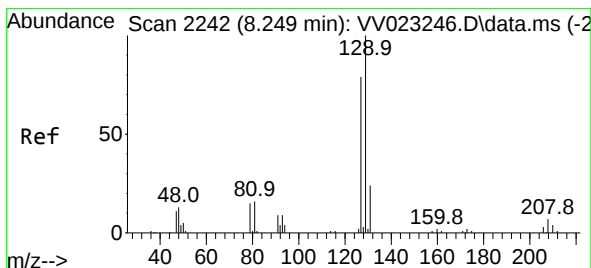
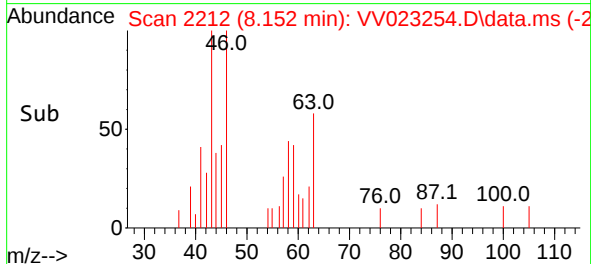
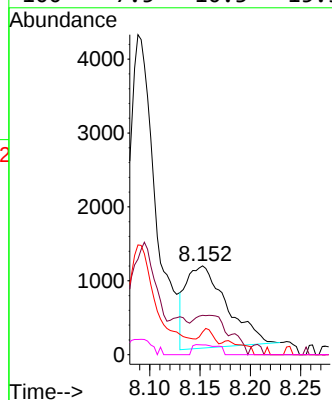
Ion Ratio Lower Upper

43 100

58 41.4 43.0 64.6#

57 11.4 14.9 22.3#

100 7.5 10.3 15.5#



#49

Dibromochloromethane

Concen: 5.343 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023254.D

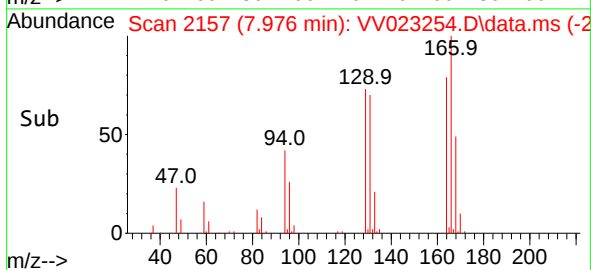
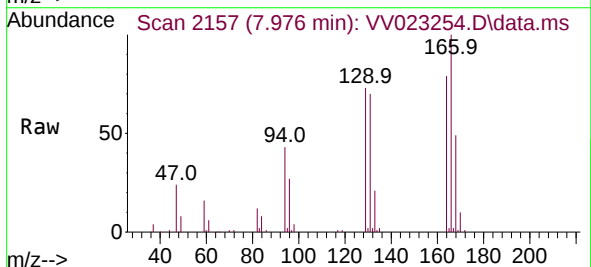
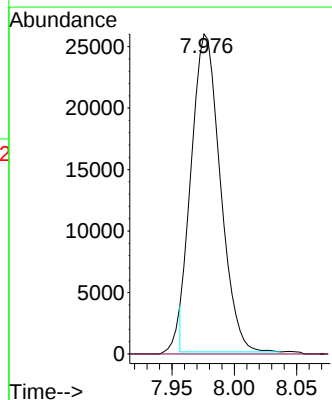
Acq: 06 Nov 2021 00:11

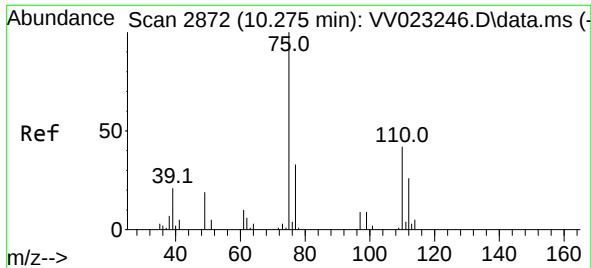
Tgt Ion: 129 Resp: 41451

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#





#61

1,2,3-Trichloropropane

Concen: 1.627 ug/L

RT: 11.252 min Scan# 31

Delta R.T. 0.977 min

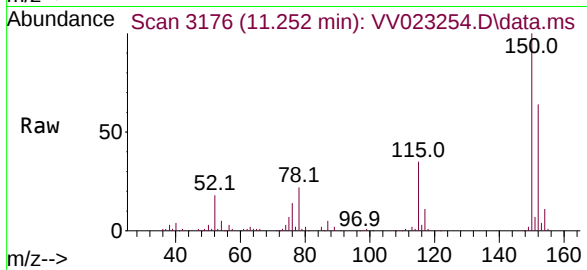
Lab File: VV023254.D

Acq: 06 Nov 2021 00:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6500

Ion Ratio Lower Upper

75 100

77 30.4 26.6 39.8

110 2.1 33.0 49.4#

