

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023176.D
 Acq On : 03 Nov 2021 10:40
 Operator : SY/MD
 Sample : VV1102WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:02:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

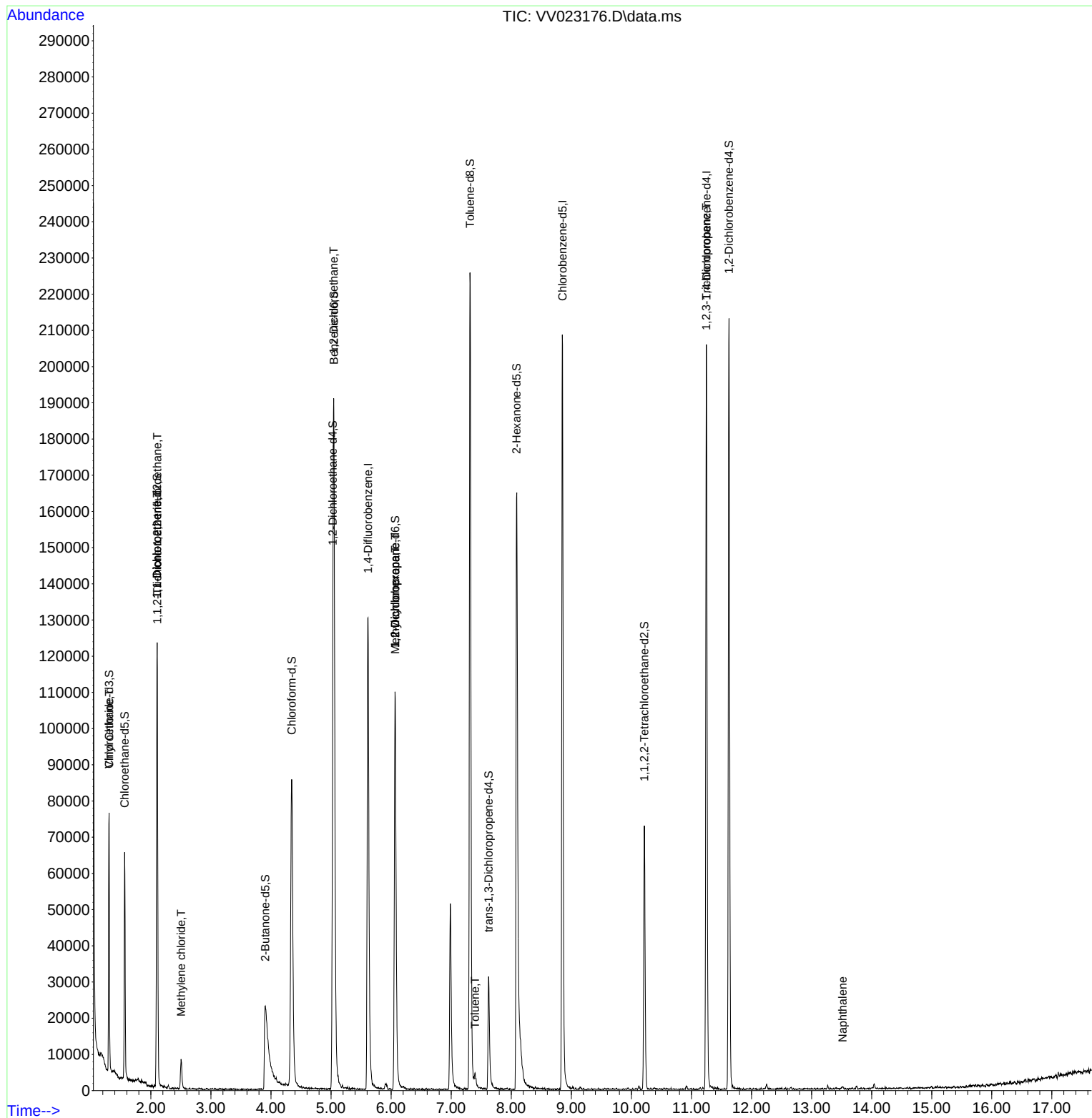
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117957	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43979	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.564	69	36774	5.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.105	63	63230	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.905	46	73218	44.282	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.560%
24) Chloroform-d	4.346	84	90095	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.031	65	42411	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.047	84	175944	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.066	67	53860	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.313	98	150469	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	18506	4.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	66489	48.160	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34361	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	56872	5.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
8) Chloroethane	1.304	64	717	0.164	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	773	0.120	ug/L #	18
12) 1,1-Dichloroethene	2.105	96	675	0.112	ug/L #	1
16) Methylene chloride	2.506	84	3570	0.538	ug/L	92
27) 1,2-Dichloroethane	5.043	62	1022	0.124	ug/L #	72
35) Methylcyclohexane	6.069	83	13186	1.150	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5838	0.727	ug/L #	83
42) Toluene	7.397	91	2593	0.080	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	5785	1.469	ug/L #	66
71) Naphthalene	13.516	128	856	0.066	ug/L #	69

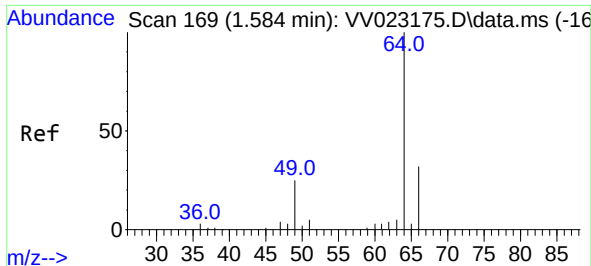
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Nov 07 01:02:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 23:31:16 2021
Response via : Initial Calibration

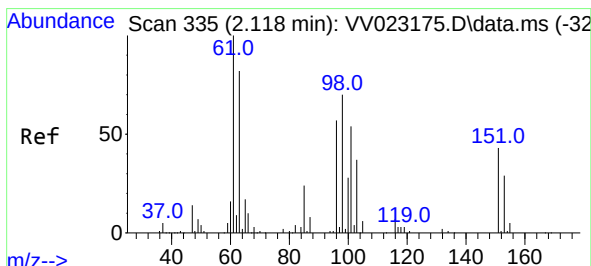
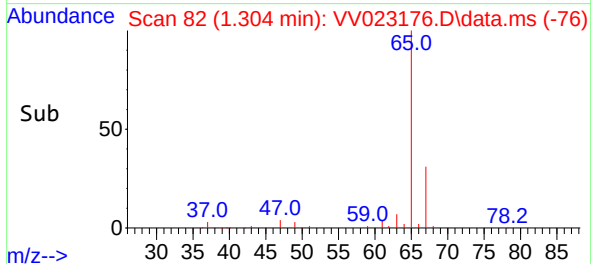
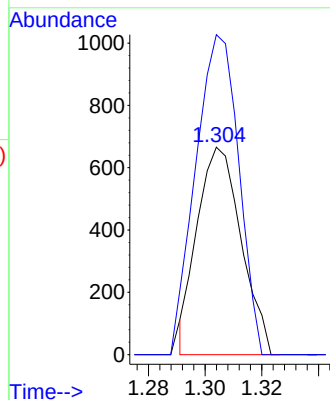
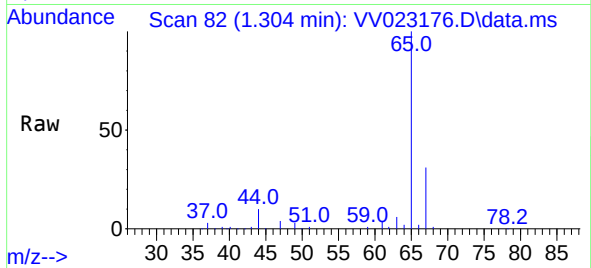




#8
Chloroethane
Concen: 0.164 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV023176.D
Acq: 03 Nov 2021 10:40

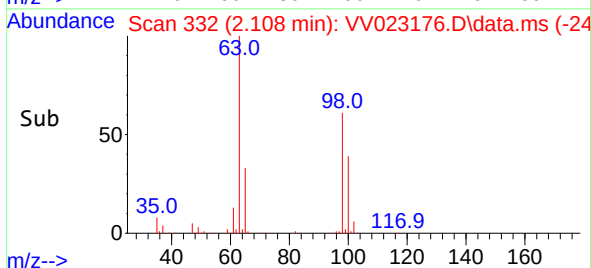
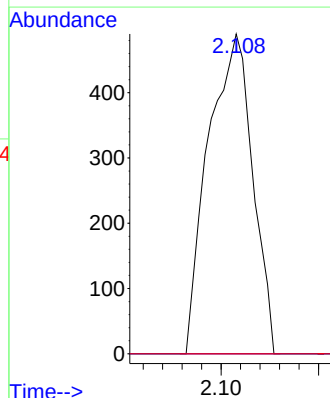
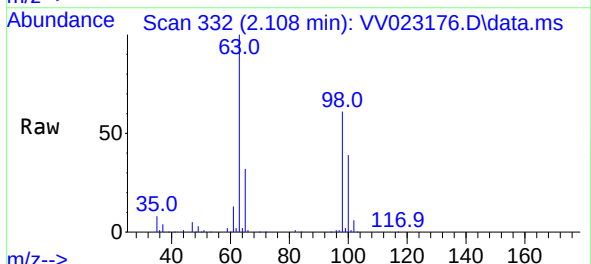
Instrument :
MSVOA_V
ClientSampleId :

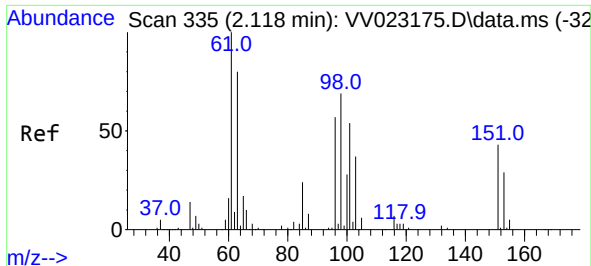
Tgt Ion: 64 Resp: 717
Ion Ratio Lower Upper
64 100
66 154.2 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.120 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023176.D
Acq: 03 Nov 2021 10:40

Tgt Ion: 101 Resp: 773
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 62.2 93.2#





#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023176.D

Acq: 03 Nov 2021 10:40

Instrument :

MSVOA_V

ClientSampleId :

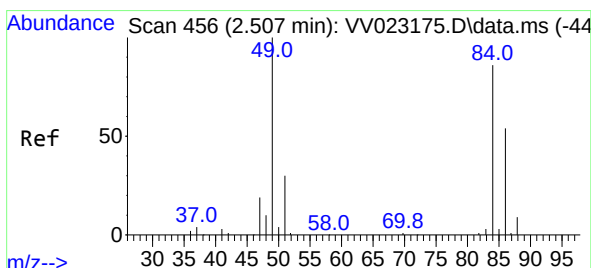
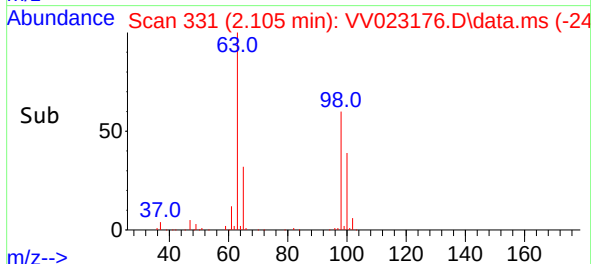
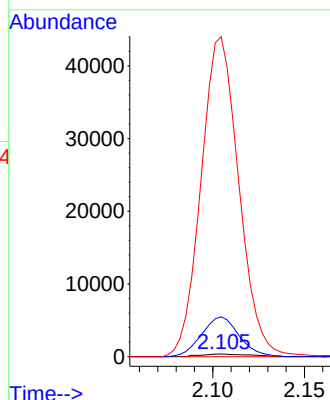
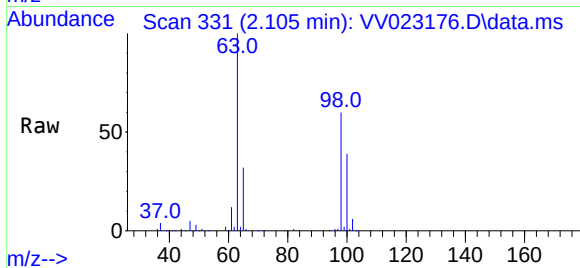
Tgt Ion: 96 Resp: 675

Ion Ratio Lower Upper

96 100

61 1444.3 121.5 225.7#

63 11613.7 99.6 185.0#



#16

Methylene chloride

Concen: 0.538 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV023176.D

Acq: 03 Nov 2021 10:40

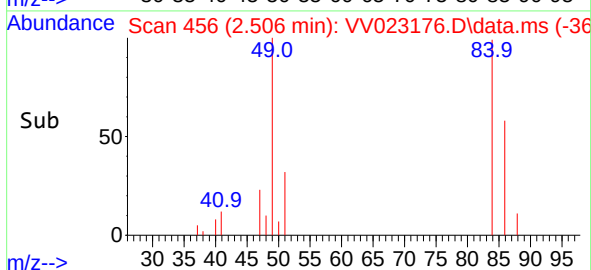
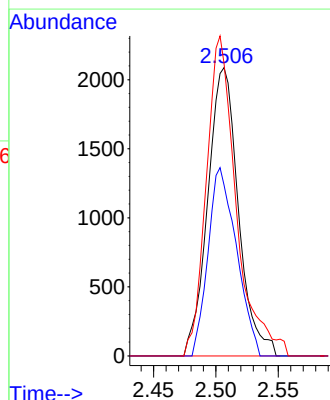
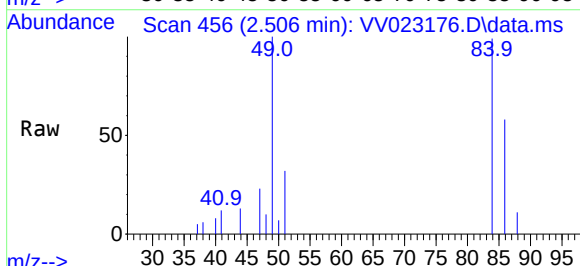
Tgt Ion: 84 Resp: 3570

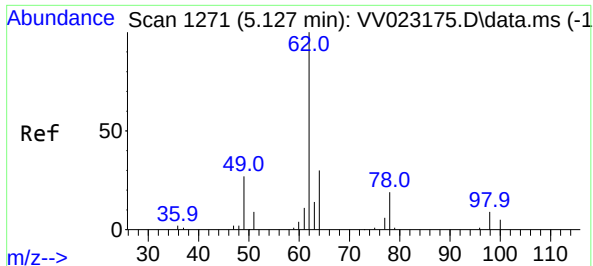
Ion Ratio Lower Upper

84 100

86 59.2 42.3 78.5

49 101.4 79.7 148.1

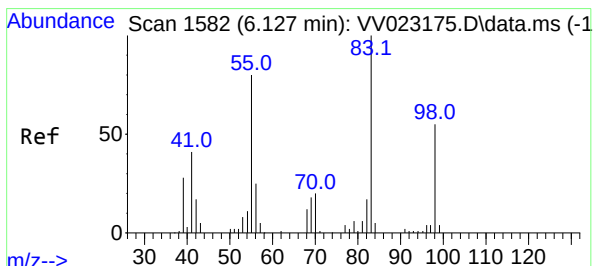
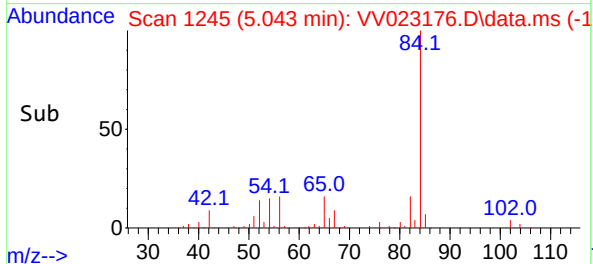
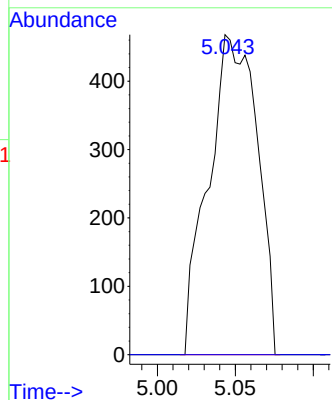
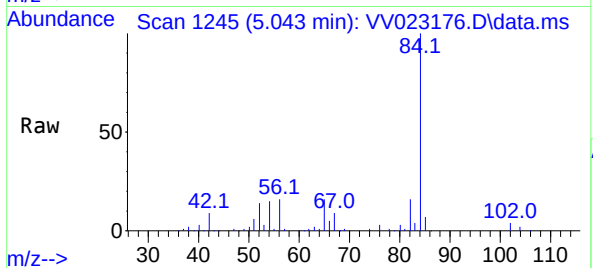




#27
1,2-Dichloroethane
Concen: 0.124 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.090 min
Lab File: VV023176.D
Acq: 03 Nov 2021 10:40

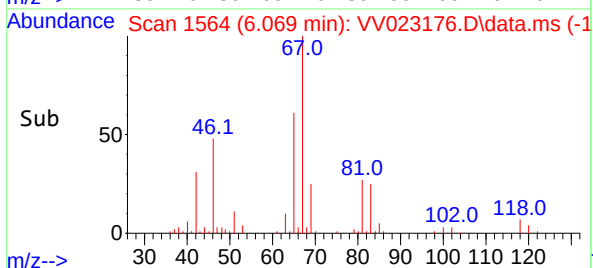
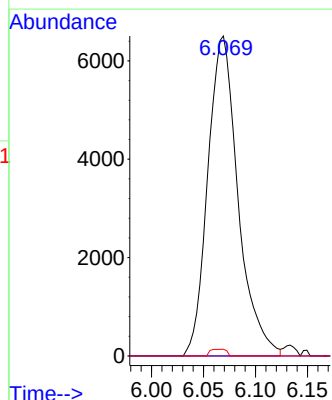
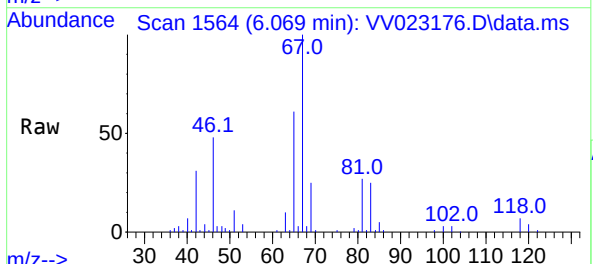
Instrument :
MSVOA_V
ClientSampleId :

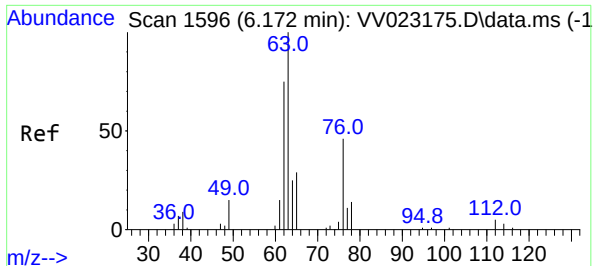
Tgt Ion: 62 Resp: 1022
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#35
Methylcyclohexane
Concen: 1.150 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023176.D
Acq: 03 Nov 2021 10:40

Tgt Ion: 83 Resp: 13186
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 1.1 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV023176.D

Acq: 03 Nov 2021 10:40

Instrument :

MSVOA_V

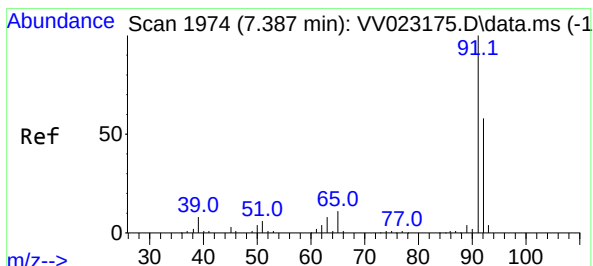
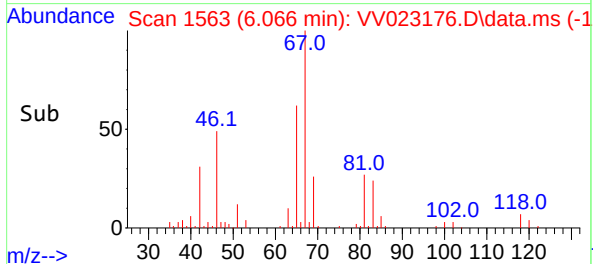
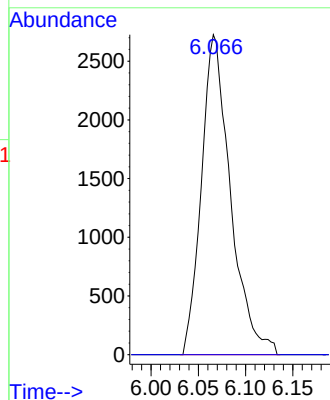
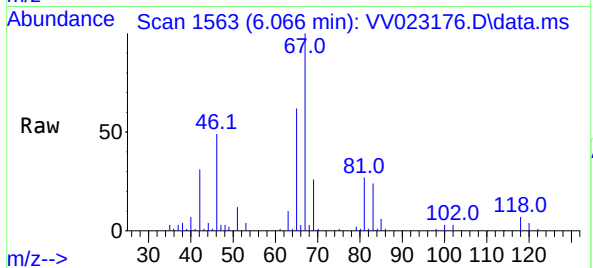
ClientSampleId :

Tgt Ion: 63 Resp: 5838

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.080 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV023176.D

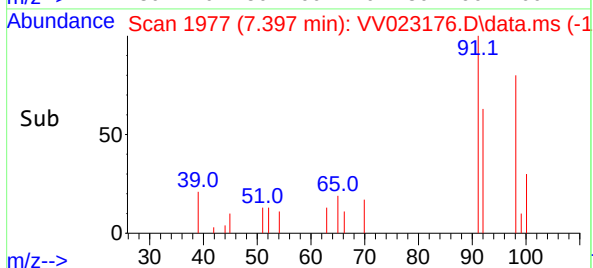
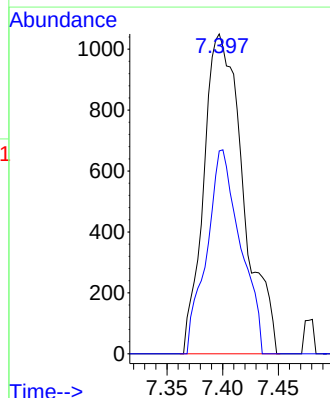
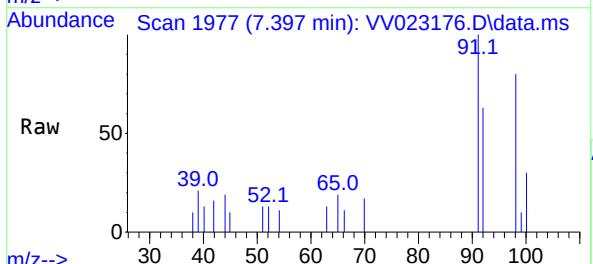
Acq: 03 Nov 2021 10:40

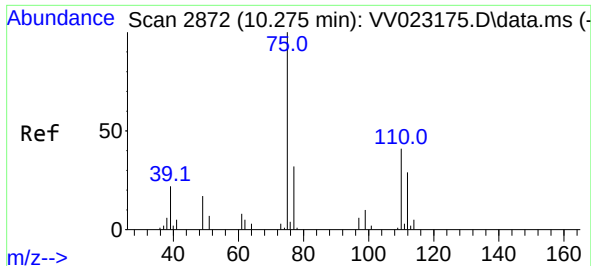
Tgt Ion: 91 Resp: 2593

Ion Ratio Lower Upper

91 100

92 63.4 39.3 72.9





#61

1,2,3-Trichloropropane

Concen: 1.469 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV023176.D

Acq: 03 Nov 2021 10:40

Instrument :

MSVOA_V

ClientSampleId :

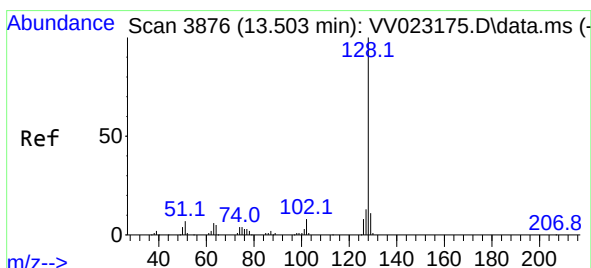
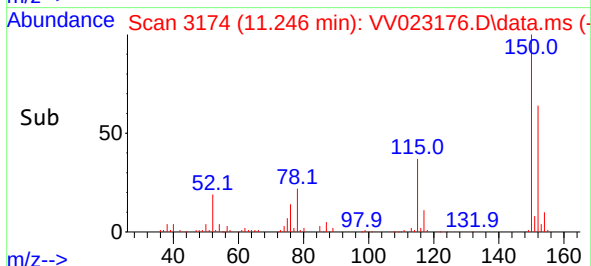
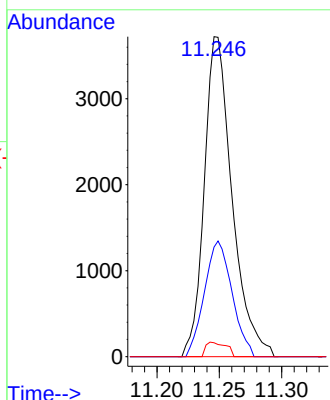
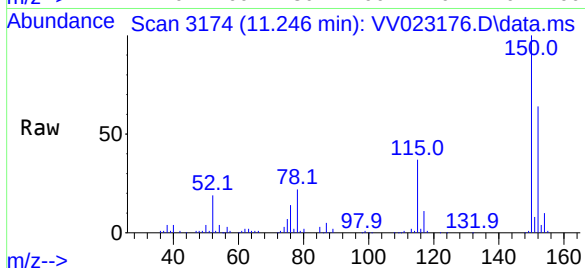
Tgt Ion: 75 Resp: 5785

Ion Ratio Lower Upper

75 100

77 35.8 26.6 39.8

110 3.3 31.8 47.6#



#71

Naphthalene

Concen: 0.066 ug/L

RT: 13.516 min Scan# 3880

Delta R.T. 0.013 min

Lab File: VV023176.D

Acq: 03 Nov 2021 10:40

Tgt Ion: 128 Resp: 856

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 10.5 15.7#

