

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023825.D
 Acq On : 07 Dec 2021 16:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:16:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

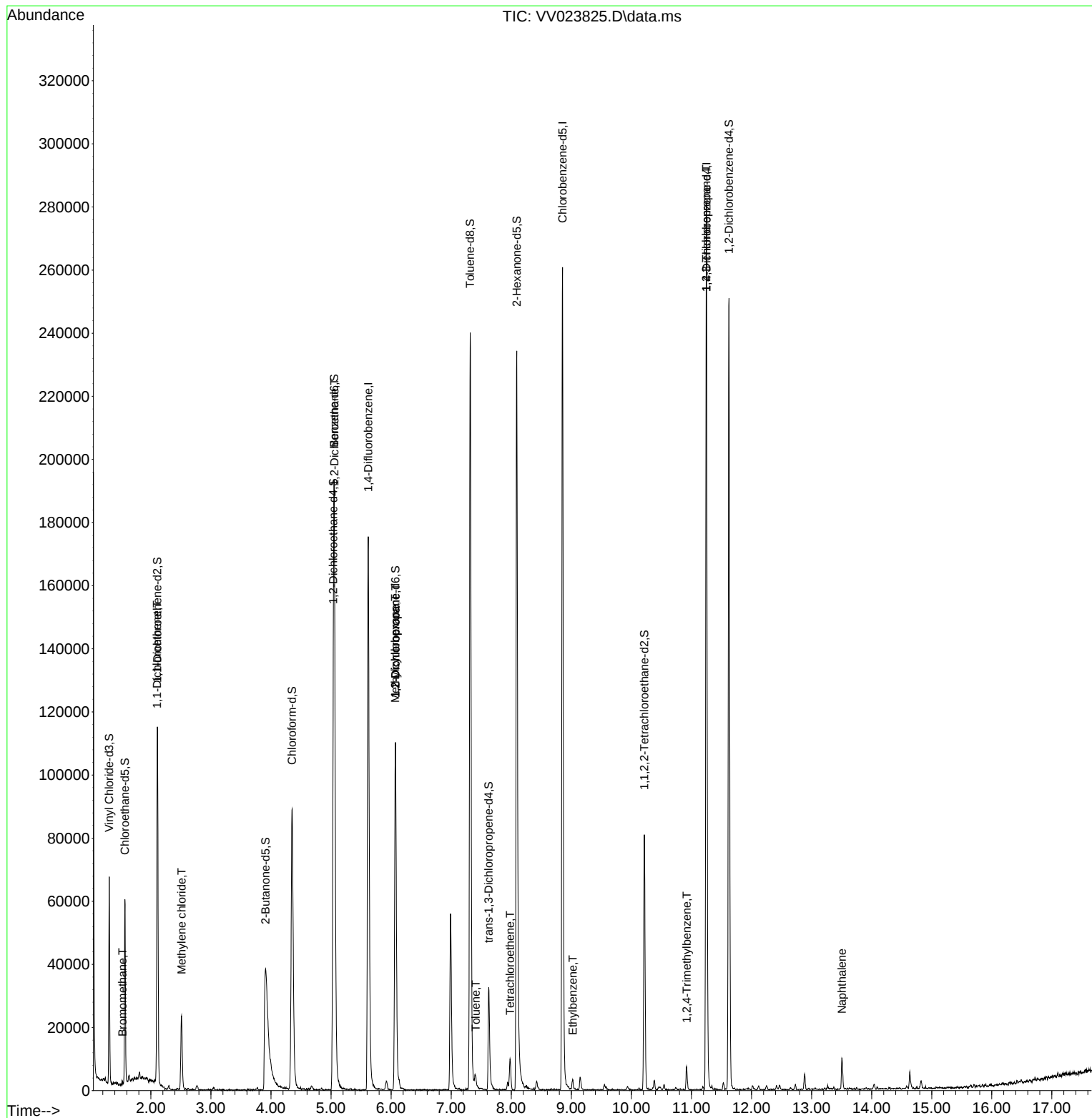
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158892	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37843	2.901	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.568	69	33942	3.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.200%
11) 1,1-Dichloroethene-d2	2.108	63	58067	2.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.600%#
20) 2-Butanone-d5	3.908	46	97611	62.250	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.500%
24) Chloroform-d	4.352	84	92368	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.037	65	46434	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.053	84	177658	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.072	67	51527	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.317	98	157974	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.625	79	19598	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.092	63	86792	58.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37345	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	66295	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	411	0.053	ug/L	87
12) 1,1-Dichloroethene	2.105	96	722	0.068	ug/L #	1
16) Methylene chloride	2.513	84	9949	0.655	ug/L	97
27) 1,2-Dichloroethane	5.056	62	1128	0.093	ug/L #	73
35) Methylcyclohexane	6.069	83	13952	0.804	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6318	0.640	ug/L #	84
42) Toluene	7.410	91	3595	0.080	ug/L #	75
47) Tetrachloroethene	7.982	164	2442	0.241	ug/L	77
52) Ethylbenzene	9.024	91	2813	0.060	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	8018	1.488	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.921	105	4285	0.115	ug/L	99
71) Naphthalene	13.506	128	9044	0.478	ug/L	99

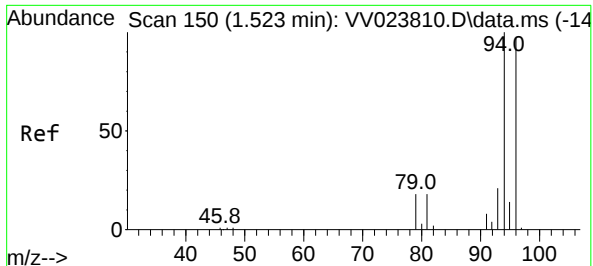
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023825.D
Acq On : 07 Dec 2021 16:04
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

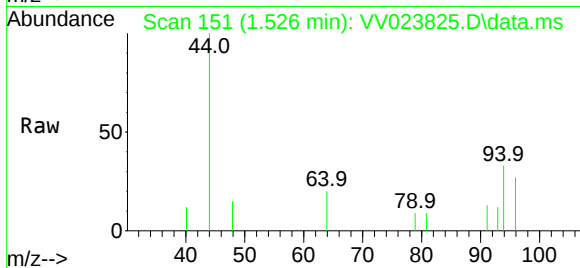
Quant Time: Dec 08 01:16:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



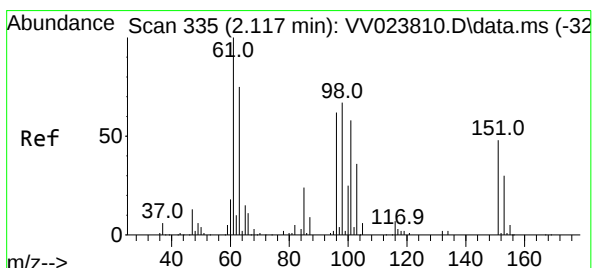
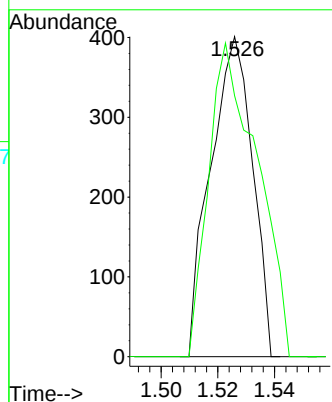
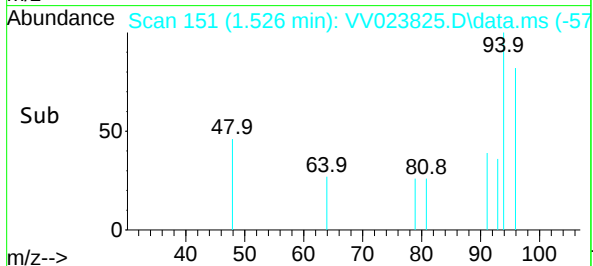


#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_V
ClientSampleId :

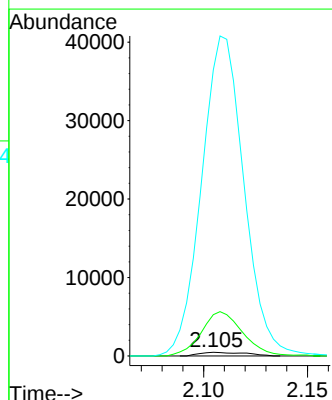
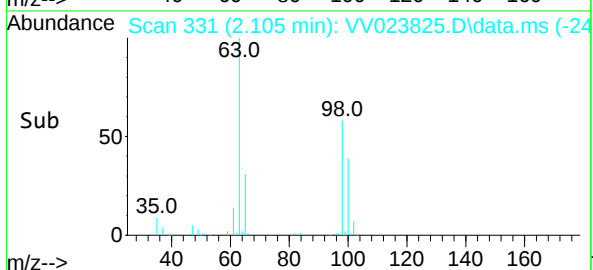
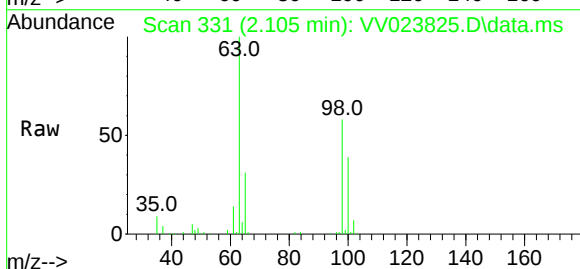


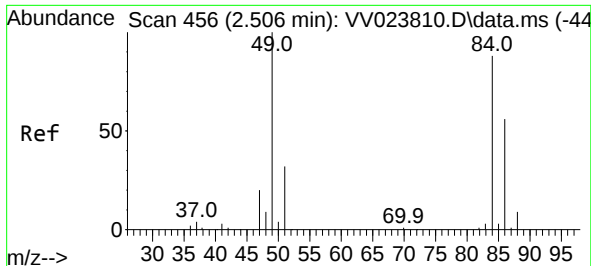
Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 81.5 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

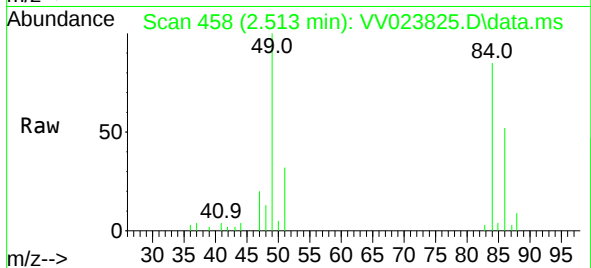
Tgt Ion: 96 Resp: 722
Ion Ratio Lower Upper
96 100
61 1142.8 116.1 215.5#
63 7927.0 79.4 147.4#



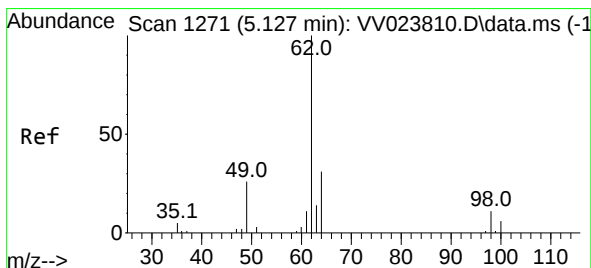
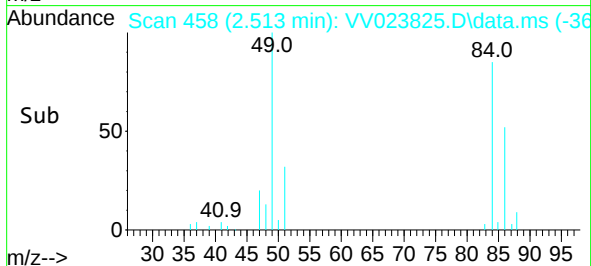
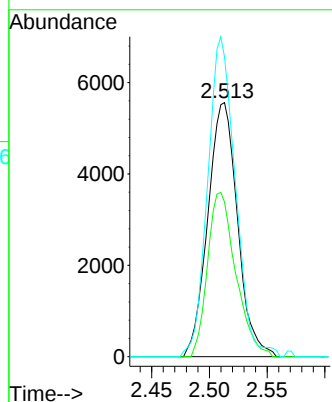


#16
Methylene chloride
Concen: 0.655 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_V
ClientSampleId :

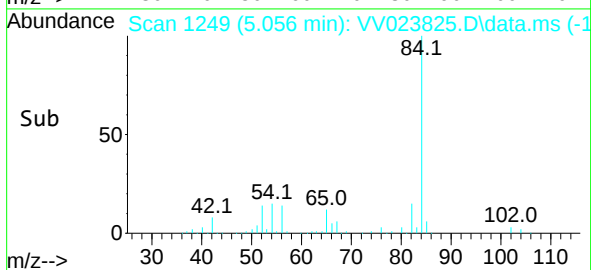
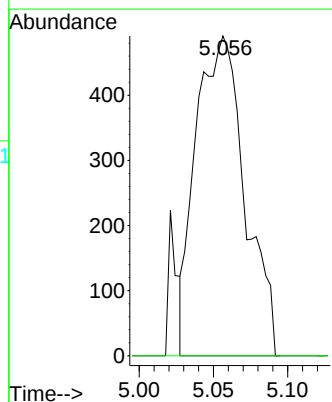
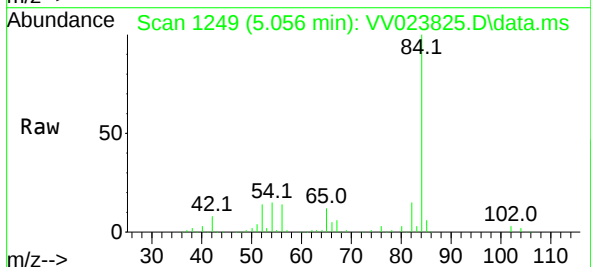


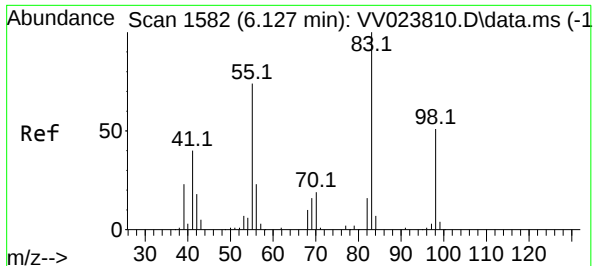
Tgt Ion: 84 Resp: 9949
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 117.9 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.071 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

Tgt Ion: 62 Resp: 1128
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023825.D

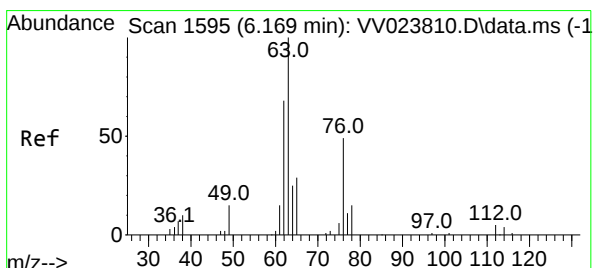
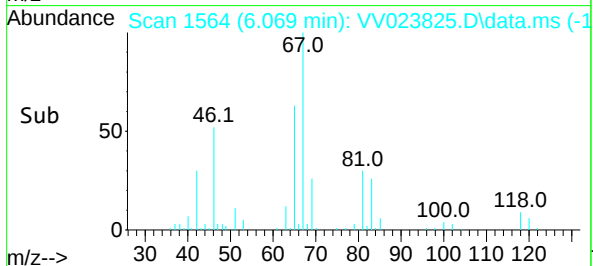
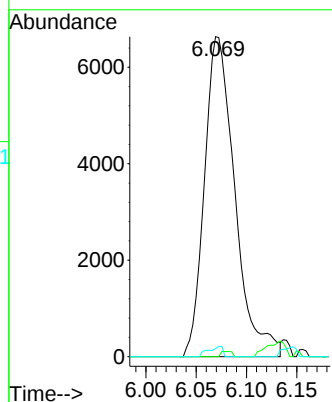
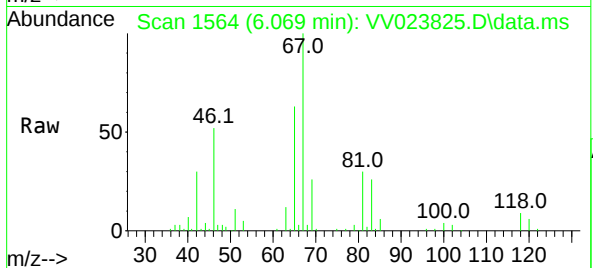
Acq: 07 Dec 2021 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13952
Ion Ratio	Lower Upper
83 100	
55 0.6	60.2 90.2#
98 1.5	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

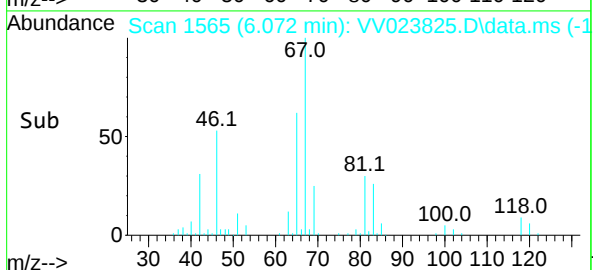
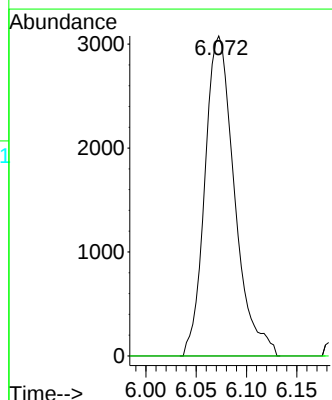
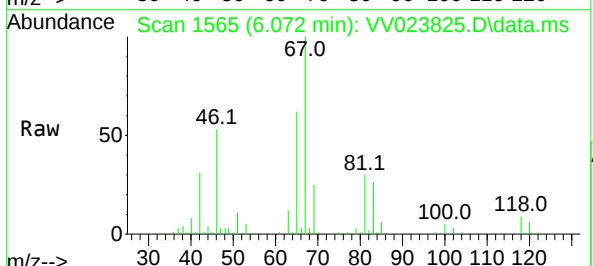
RT: 6.072 min Scan# 1565

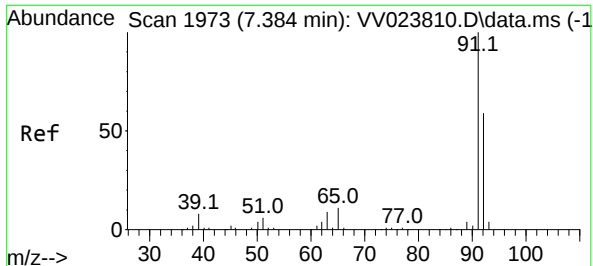
Delta R.T. -0.096 min

Lab File: VV023825.D

Acq: 07 Dec 2021 16:04

Tgt Ion: 63	Resp: 6318
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#42

Toluene

Concen: 0.080 ug/L

RT: 7.410 min Scan# 1973

Delta R.T. 0.026 min

Lab File: VV023825.D

Acq: 07 Dec 2021 16:04

Instrument :

MSVOA_V

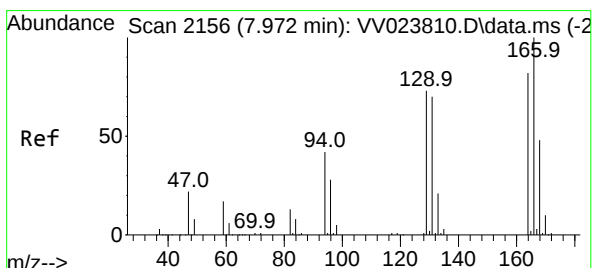
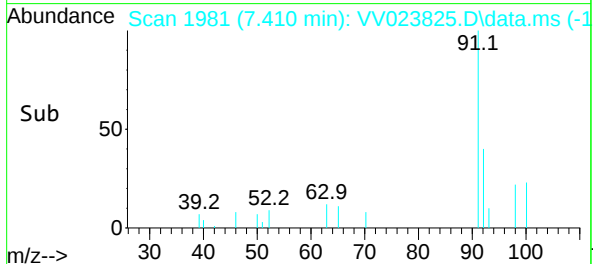
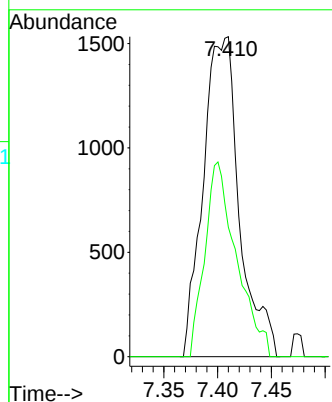
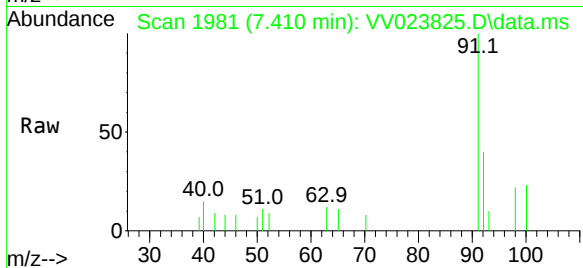
ClientSampleId :

Tgt Ion: 91 Resp: 3595

Ion Ratio Lower Upper

91 100

92 40.4 41.5 77.1#



#47

Tetrachloroethene

Concen: 0.241 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV023825.D

Acq: 07 Dec 2021 16:04

Tgt Ion: 164 Resp: 2442

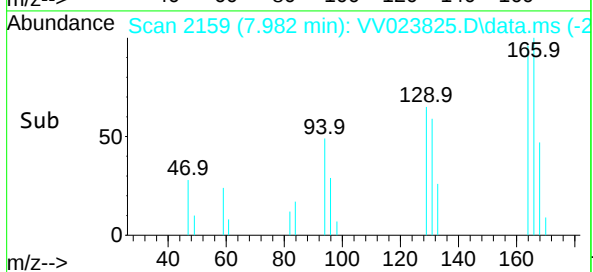
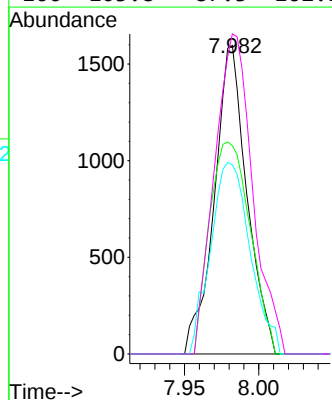
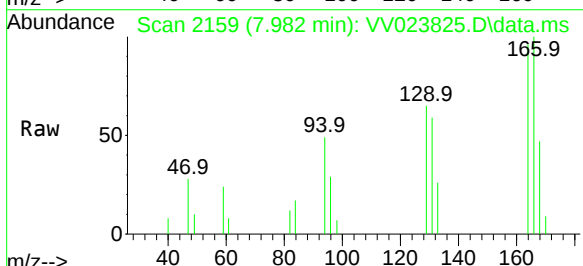
Ion Ratio Lower Upper

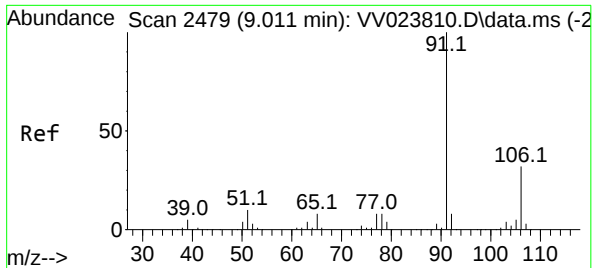
164 100

129 67.5 62.6 116.2

131 61.3 61.0 113.4

166 103.8 87.3 162.1





#52

Ethylbenzene

Concen: 0.060 ug/L

RT: 9.024 min Scan# 24

Delta R.T. 0.013 min

Lab File: VV023825.D

Acq: 07 Dec 2021 16:04

Instrument :

MSVOA_V

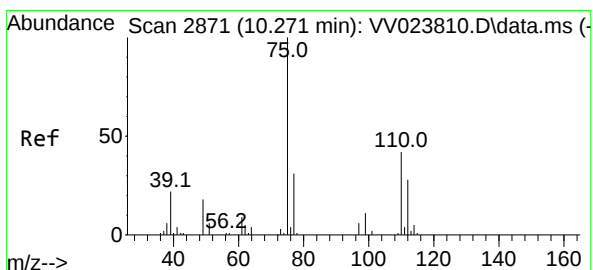
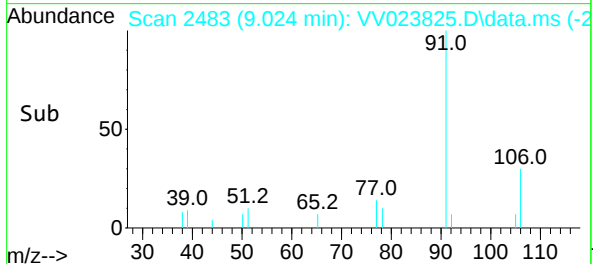
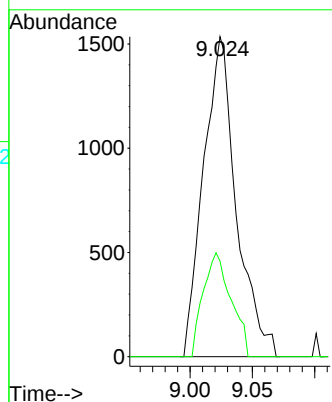
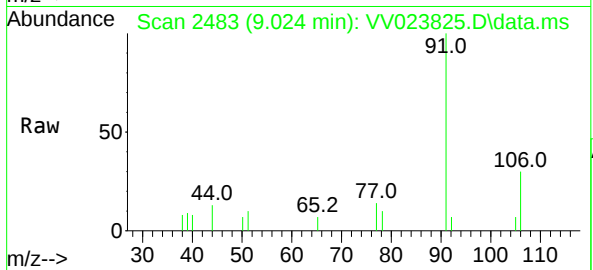
ClientSampleId :

Tgt Ion: 91 Resp: 2813

Ion Ratio Lower Upper

91 100

106 29.8 22.0 41.0



#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV023825.D

Acq: 07 Dec 2021 16:04

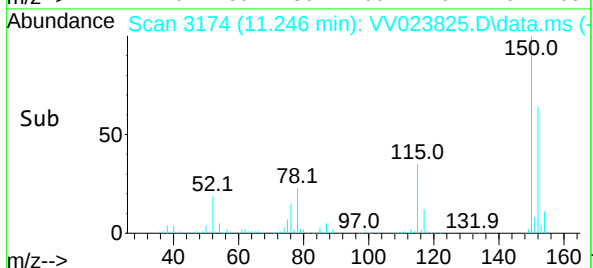
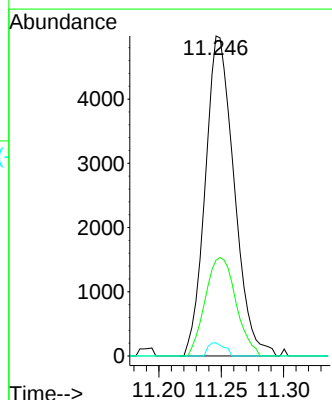
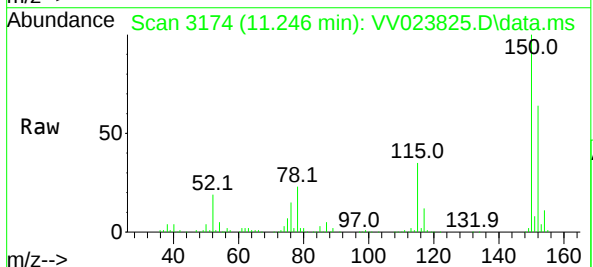
Tgt Ion: 75 Resp: 8018

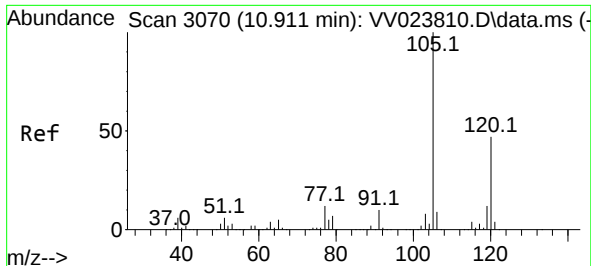
Ion Ratio Lower Upper

75 100

77 32.7 26.4 39.6

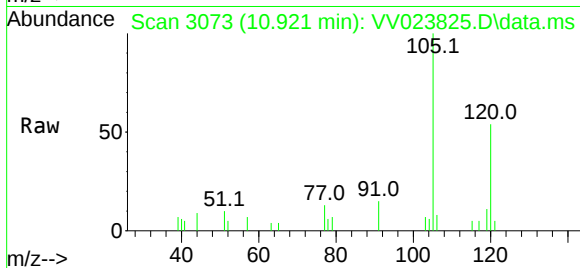
110 2.3 34.2 51.2#



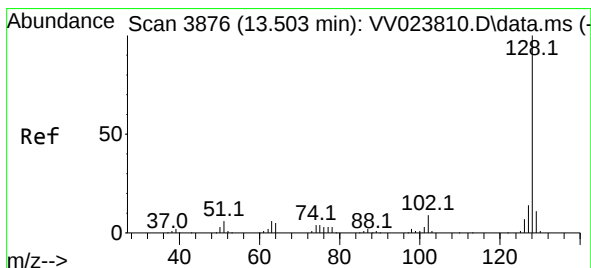
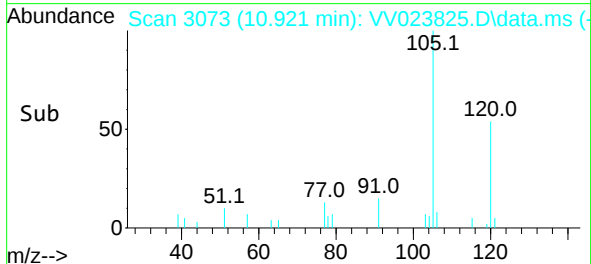
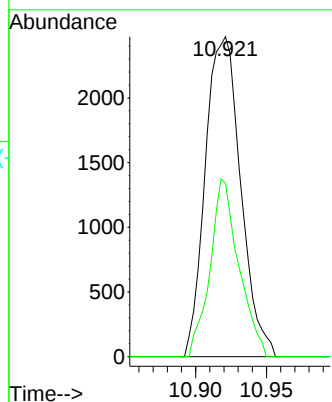


#63
1,2,4-Trimethylbenzene
Concen: 0.115 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 4285
Ion Ratio Lower Upper
105 100
120 45.3 36.7 55.1



#71
Naphthalene
Concen: 0.478 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023825.D
Acq: 07 Dec 2021 16:04

Tgt Ion:128 Resp: 9044
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.8 10.2 15.4

