

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026756.D
 Acq On : 13 Jul 2022 16:24
 Operator : SY/MD
 Sample : N3598-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:04:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

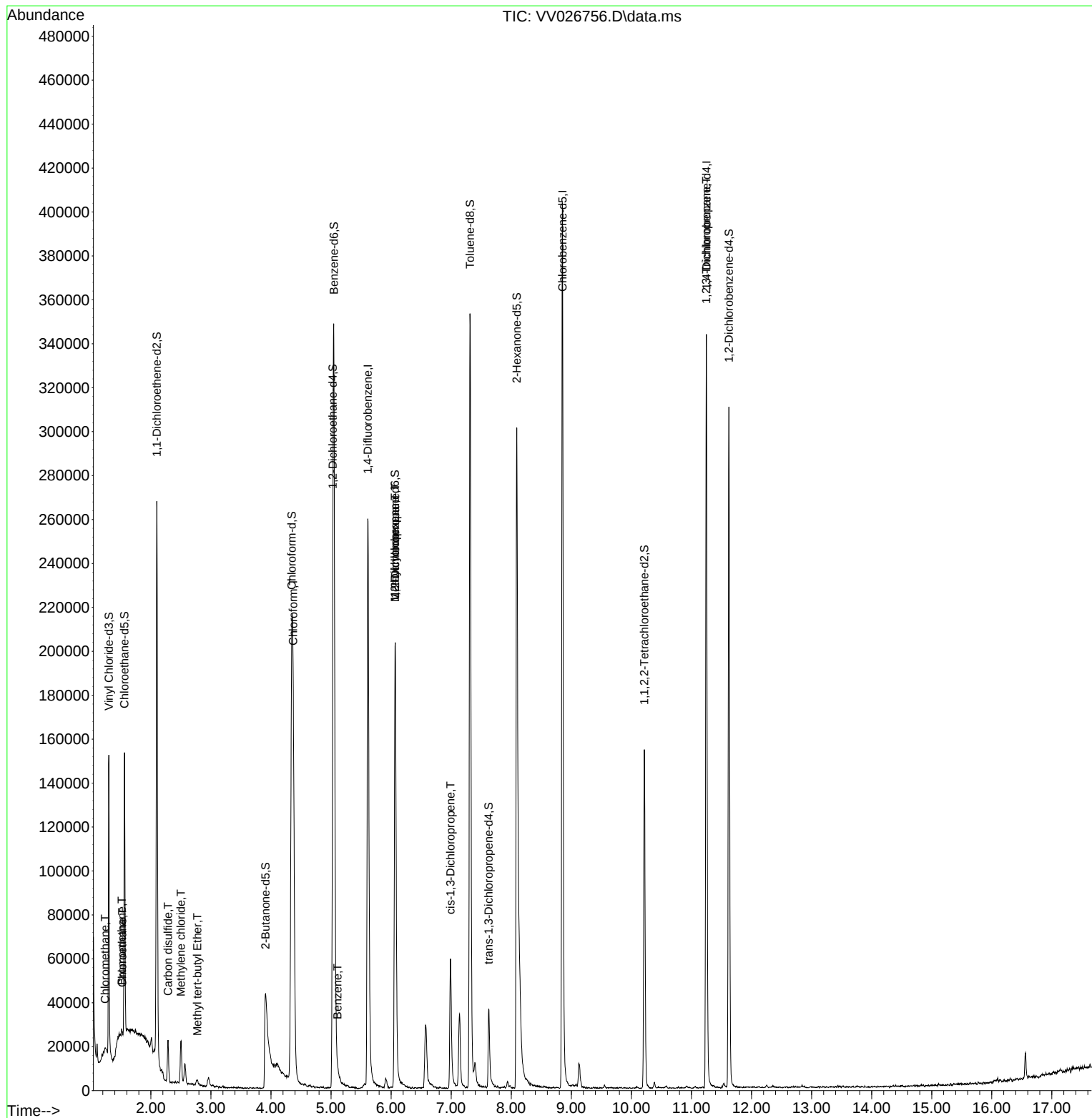
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	225858	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	233398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87143	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.561	69	82791	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.098	63	131985	3.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.908	46	114083	35.475	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.960%
24) Chloroform-d	4.346	84	181338	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.031	65	81091	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.047	84	319936	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	104950	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	247407	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.625	79	23541	3.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.091	63	132217	43.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	76119	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	80760	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1447	0.053	ug/L	95
6) Bromomethane	1.516	94	890	0.053	ug/L	89
8) Chloroethane	1.523	64	2986	0.181	ug/L #	49
14) Carbon disulfide	2.285	76	22386	0.384	ug/L	99
16) Methylene chloride	2.500	84	8096	0.343	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	2224	0.065	ug/L	97
25) Chloroform	4.371	83	144618	4.154	ug/L	100
33) Benzene	5.108	78	3759	0.048	ug/L	100
35) Methylcyclohexane	6.066	83	25395	0.868	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	10688	0.573	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1537	0.066	ug/L #	16
61) 1,2,3-Trichloropropane	11.246	75	11224	1.339	ug/L #	64

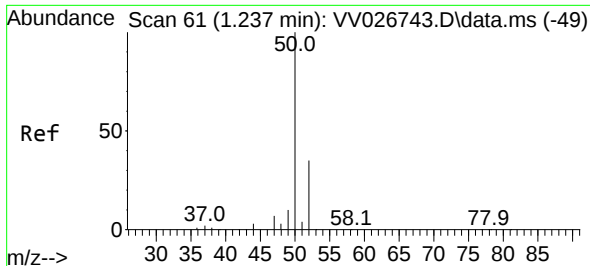
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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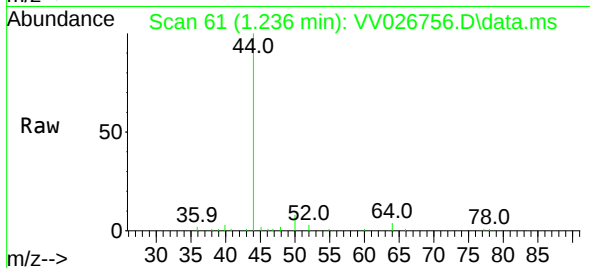
Quant Time: Jul 13 23:04:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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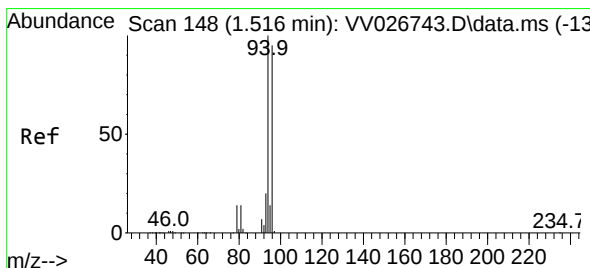
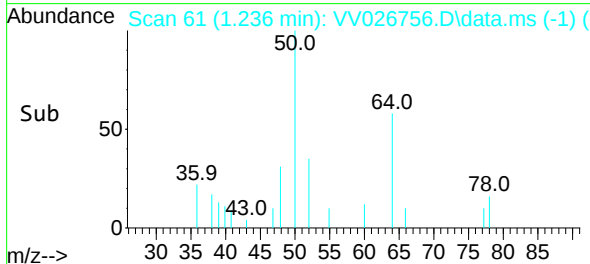
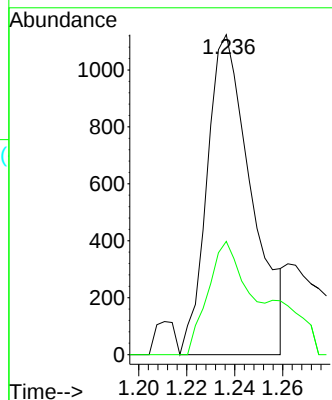


#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

Instrument :
MSVOA_V
ClientSampleId :

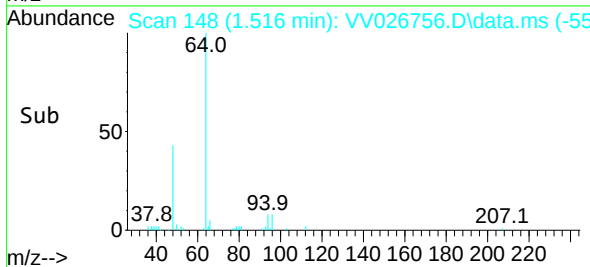
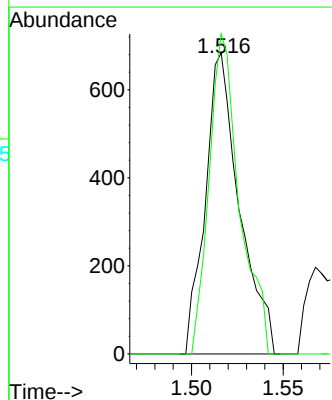
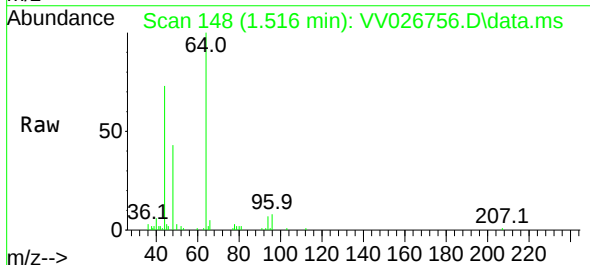


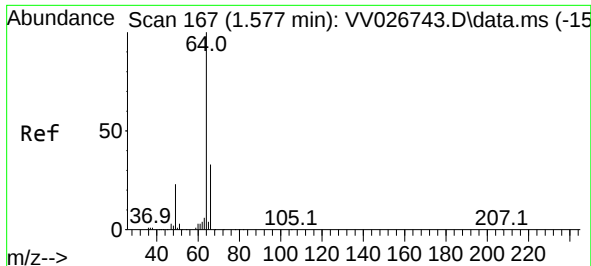
Tgt Ion: 50 Resp: 1447
Ion Ratio Lower Upper
50 100
52 35.4 22.8 42.4



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

Tgt Ion: 94 Resp: 890
Ion Ratio Lower Upper
94 100
96 106.3 67.1 124.7

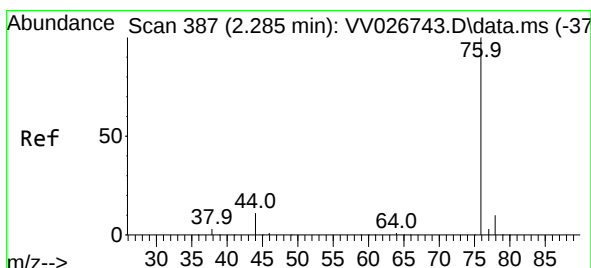
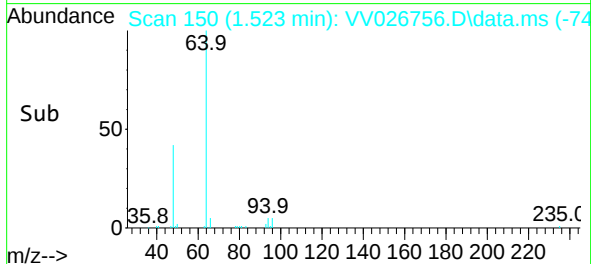
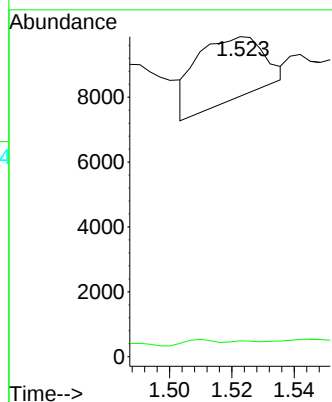
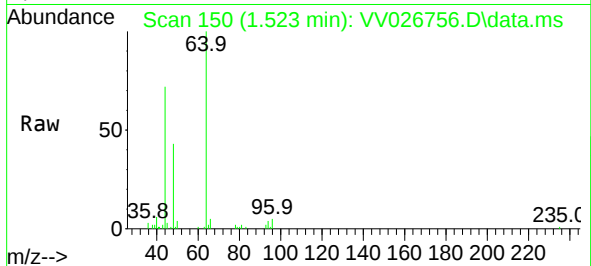




#8
Chloroethane
Concen: 0.181 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

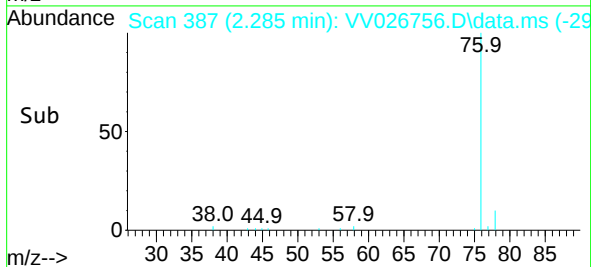
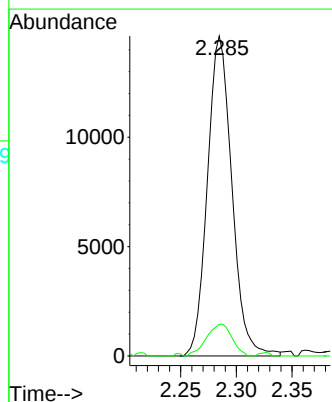
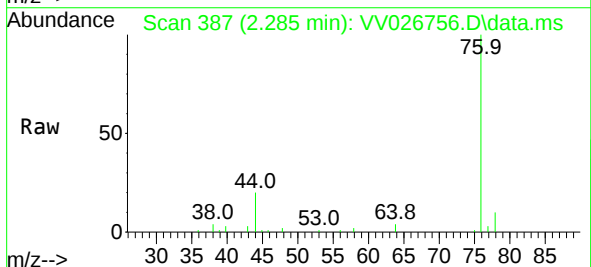
Instrument :
MSVOA_V
ClientSampleId :

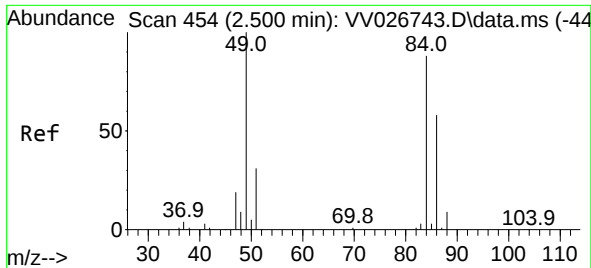
Tgt Ion: 64 Resp: 2986
Ion Ratio Lower Upper
64 100
66 5.0 23.9 44.5#



#14
Carbon disulfide
Concen: 0.384 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

Tgt Ion: 76 Resp: 22386
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

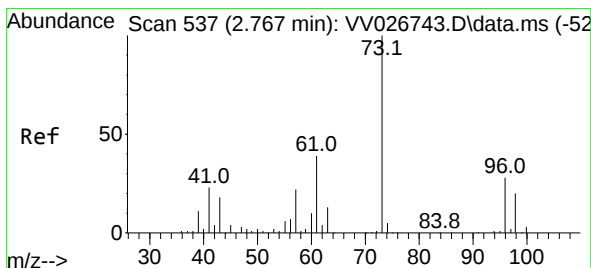
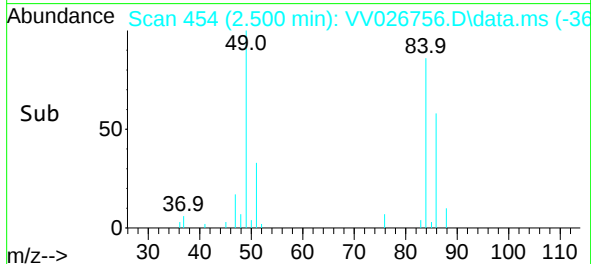
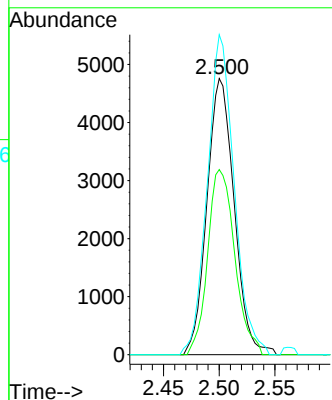
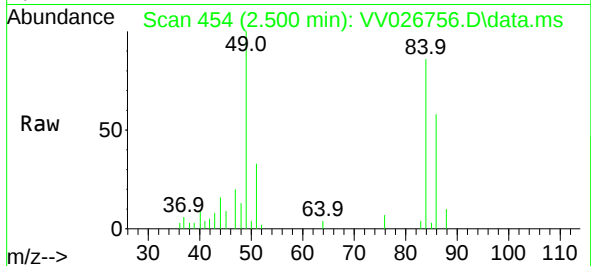




#16
Methylene chloride
Concen: 0.343 ug/L
RT: 2.500 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

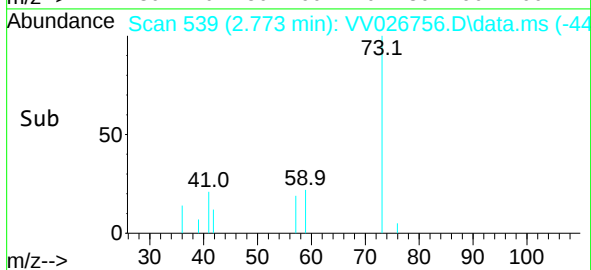
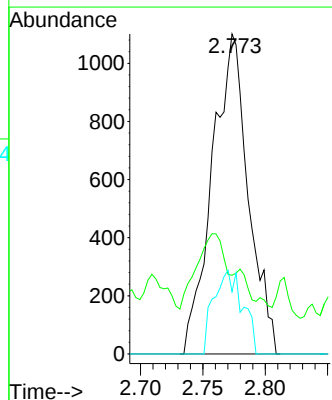
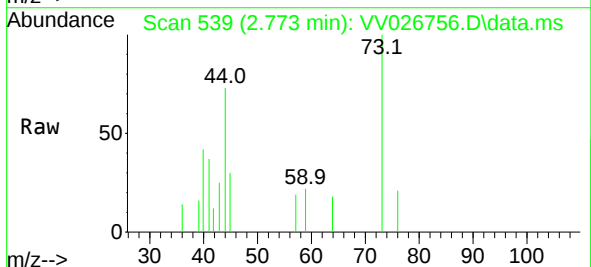
Instrument :
MSVOA_V
ClientSampleId :

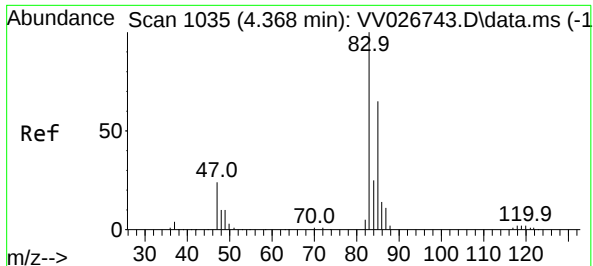
Tgt Ion: 84 Resp: 8096
Ion Ratio Lower Upper
84 100
86 67.0 44.8 83.2
49 115.9 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.065 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026756.D
Acq: 13 Jul 2022 16:24

Tgt Ion: 73 Resp: 2224
Ion Ratio Lower Upper
73 100
43 18.9 14.0 21.0
57 20.9 17.6 26.4





#25

Chloroform

Concen: 4.154 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026756.D

Acq: 13 Jul 2022 16:24

Instrument :

MSVOA_V

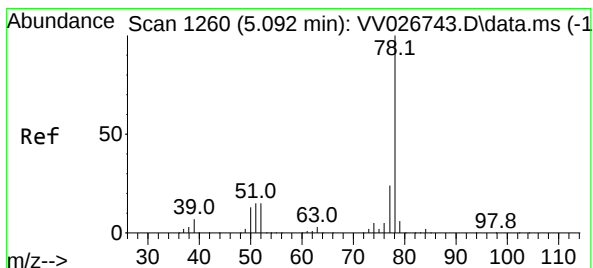
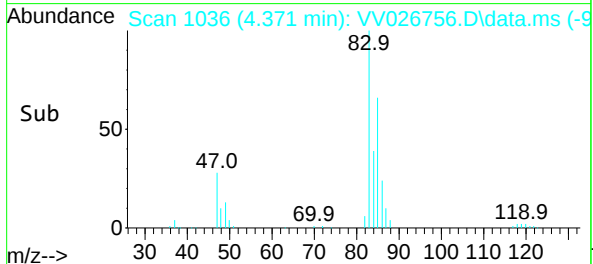
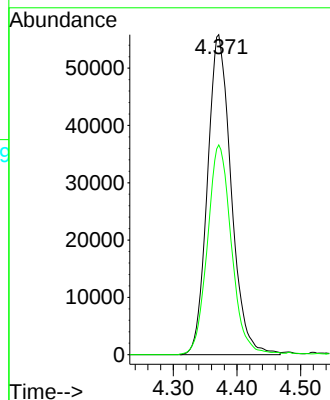
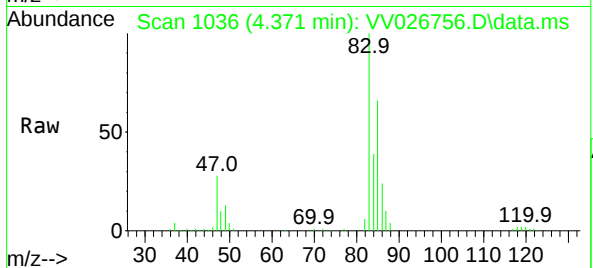
ClientSampleId :

Tgt Ion: 83 Resp: 144618

Ion Ratio Lower Upper

83 100

85 65.5 45.7 84.9



#33

Benzene

Concen: 0.048 ug/L

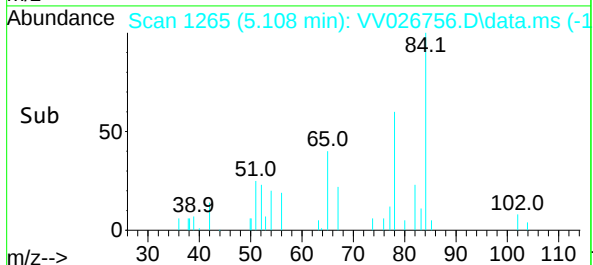
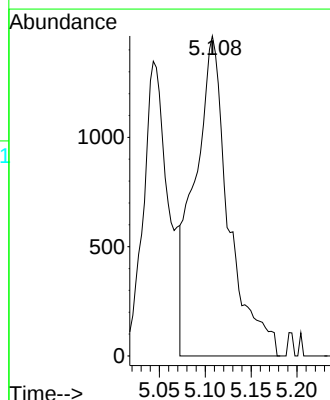
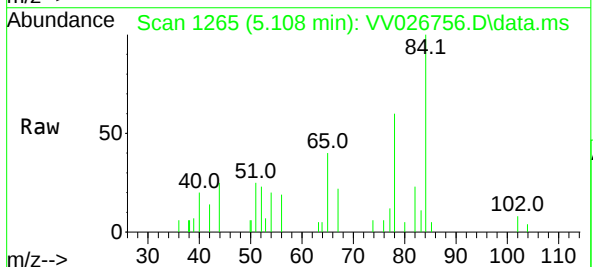
RT: 5.108 min Scan# 1265

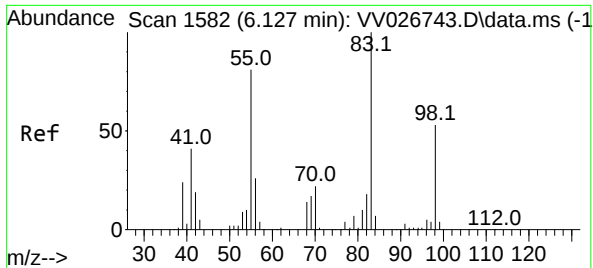
Delta R.T. 0.016 min

Lab File: VV026756.D

Acq: 13 Jul 2022 16:24

Tgt Ion: 78 Resp: 3759





#35

Methylcyclohexane

Concen: 0.868 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV026756.D

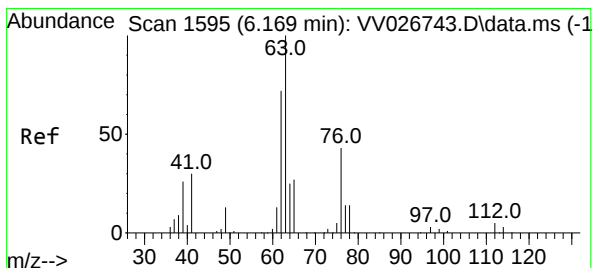
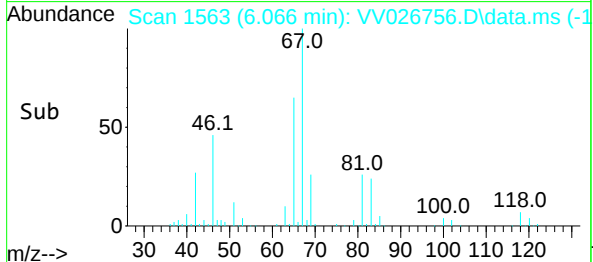
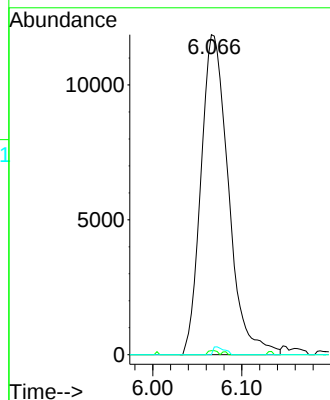
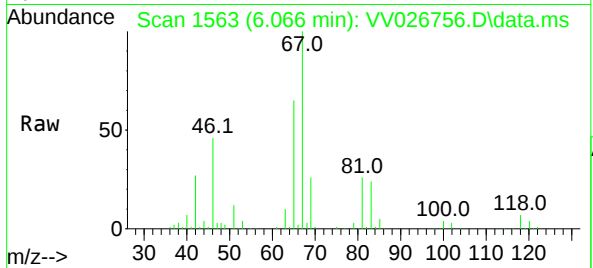
Acq: 13 Jul 2022 16:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 25395
Ion Ratio	Lower Upper
83 100	
55 0.4	59.5 89.3#
98 1.0	38.3 57.5#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

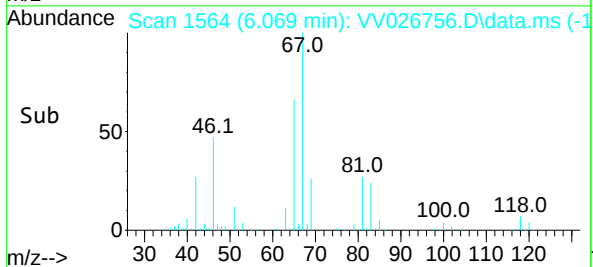
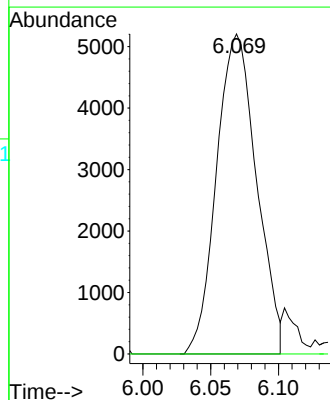
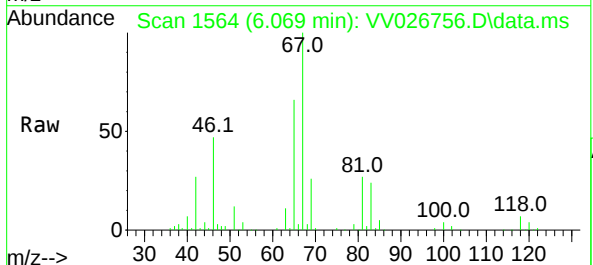
RT: 6.069 min Scan# 1564

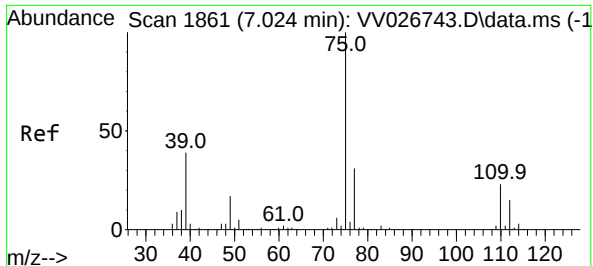
Delta R.T. -0.100 min

Lab File: VV026756.D

Acq: 13 Jul 2022 16:24

Tgt Ion: 63	Resp: 10688
Ion Ratio	Lower Upper
63 100	
112 0.4	4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026756.D

Acq: 13 Jul 2022 16:24

Instrument :

MSVOA_V

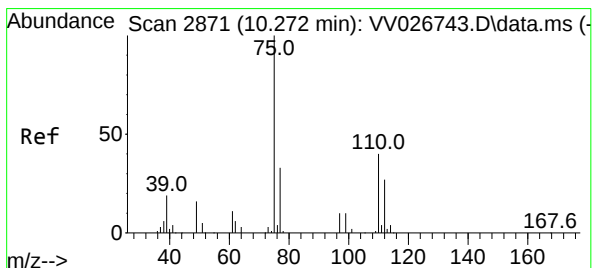
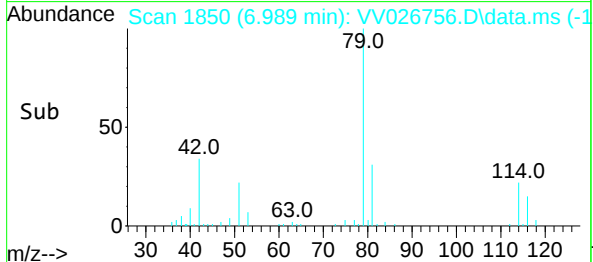
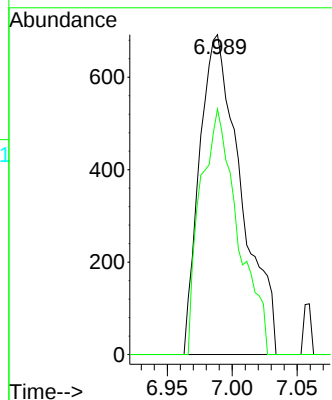
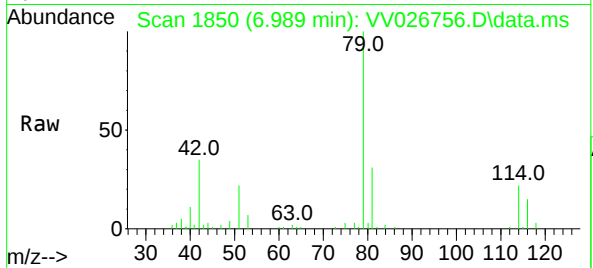
ClientSampleId :

Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 76.7 21.4 39.8#



#61

1,2,3-Trichloropropane

Concen: 1.339 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026756.D

Acq: 13 Jul 2022 16:24

Tgt Ion: 75 Resp: 11224

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.0

110 2.2 31.8 47.6#

