

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027540.D
 Acq On : 26 Aug 2022 17:40
 Operator : SY/MD
 Sample : N4368-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:16:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

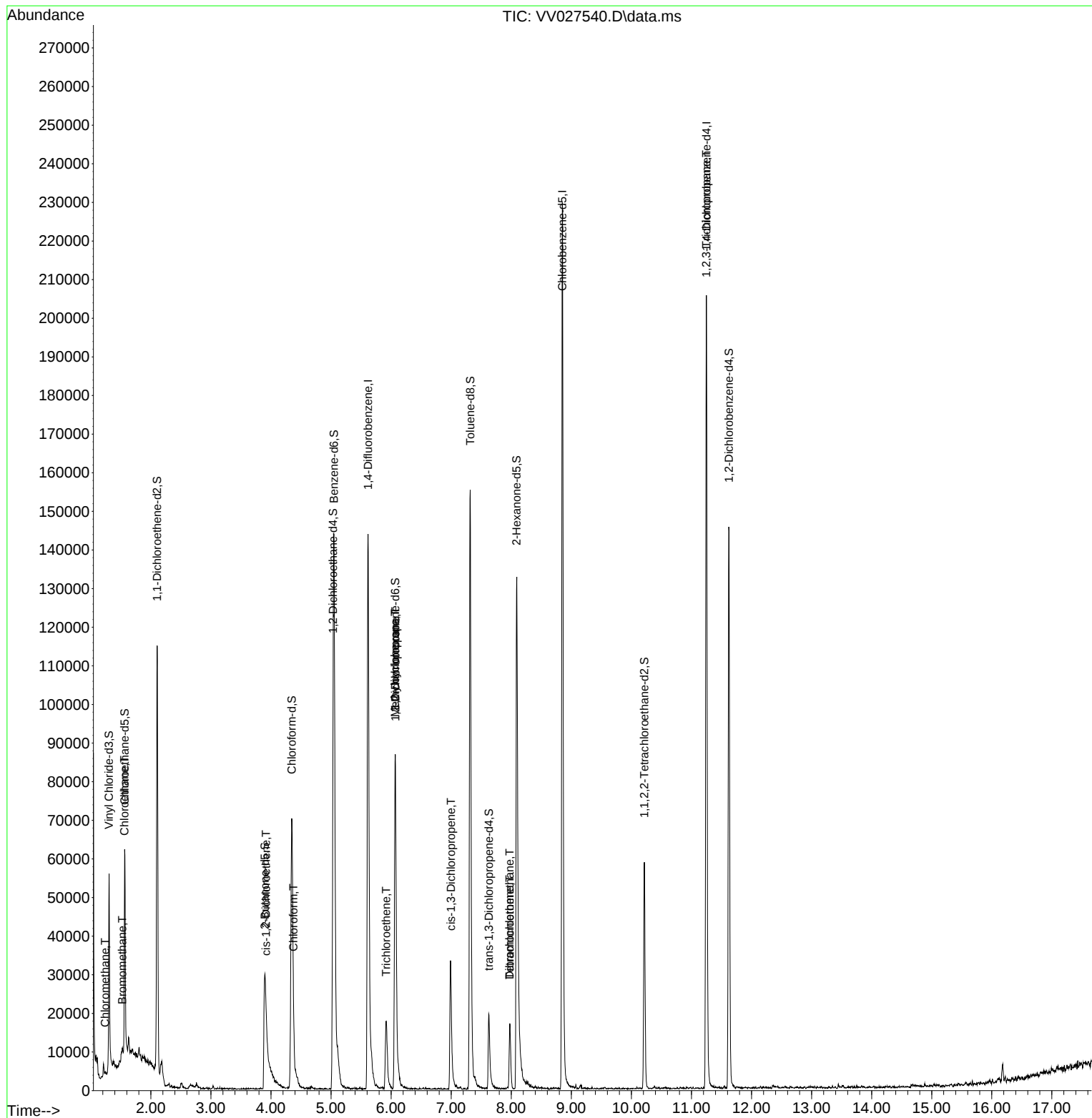
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129976	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33641	3.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.564	69	34023	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	57580	2.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.899	46	51327	44.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.346	84	73912	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.034	65	34427	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.050	84	135965	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.069	67	43083	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.317	98	108675	3.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.628	79	11860	3.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.088	63	48569	42.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27435	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	38592	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	471	0.039	ug/L #	76
6) Bromomethane	1.523	94	515	0.086	ug/L	91
8) Chloroethane	1.561	64	619	0.087	ug/L #	55
22) cis-1,2-Dichloroethene	3.915	96	2222	0.206	ug/L	97
25) Chloroform	4.375	83	3666	0.161	ug/L	94
34) Trichloroethene	5.918	95	6830	0.616	ug/L	95
35) Methylcyclohexane	6.066	83	9780	0.627	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	5221	0.465	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1160	0.086	ug/L #	69
47) Tetrachloroethene	7.976	164	3999	0.463	ug/L	93
49) Dibromochloromethane	7.976	129	3898	0.441	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6376	1.309	ug/L #	69

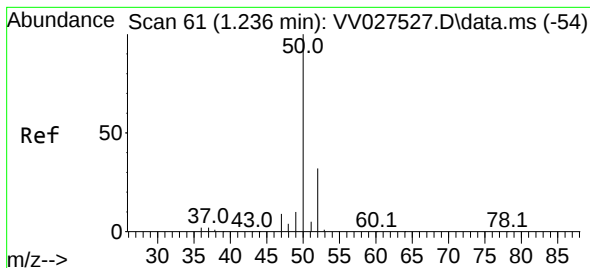
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.039 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV027540.D

Acq: 26 Aug 2022 17:40

Instrument :

MSVOA_V

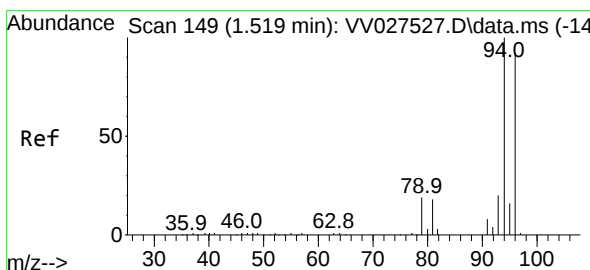
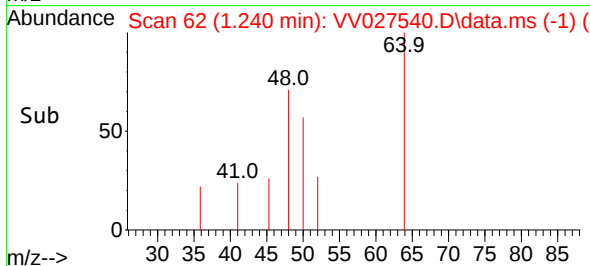
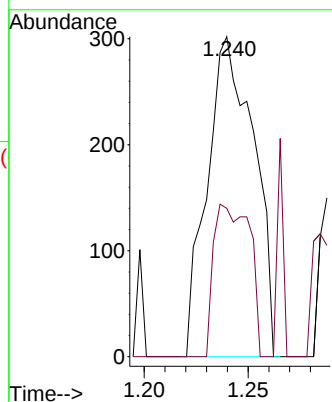
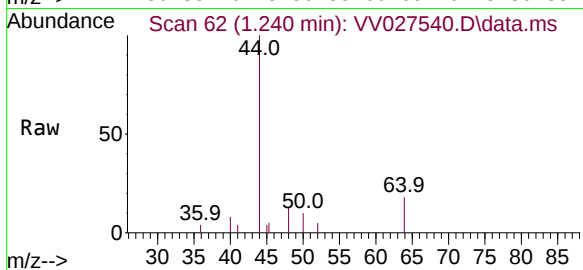
ClientSampleId :

Tgt Ion: 50 Resp: 471

Ion Ratio Lower Upper

50 100

52 46.4 22.8 42.4#



#6

Bromomethane

Concen: 0.086 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.003 min

Lab File: VV027540.D

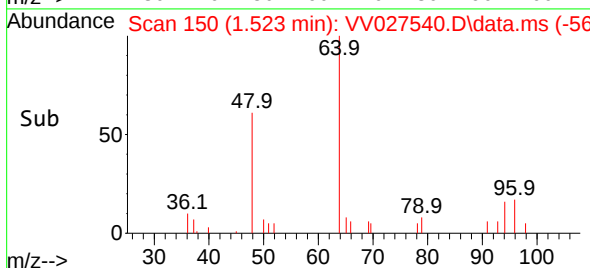
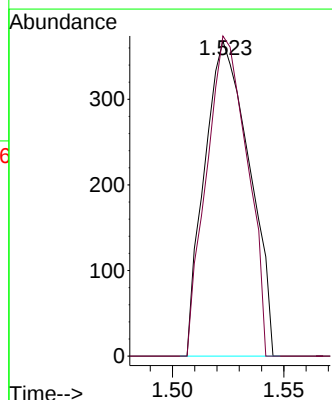
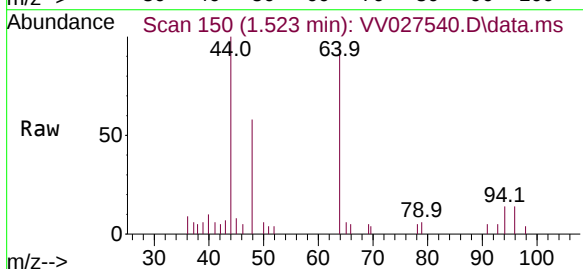
Acq: 26 Aug 2022 17:40

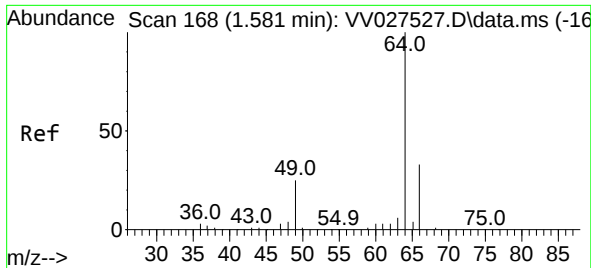
Tgt Ion: 94 Resp: 515

Ion Ratio Lower Upper

94 100

96 101.6 65.2 121.0

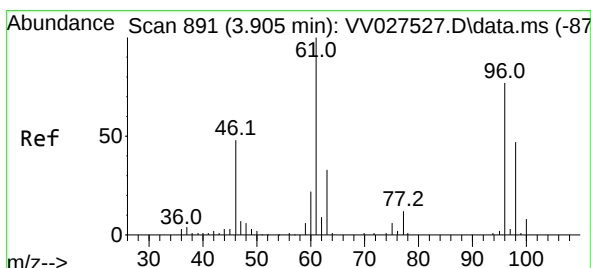
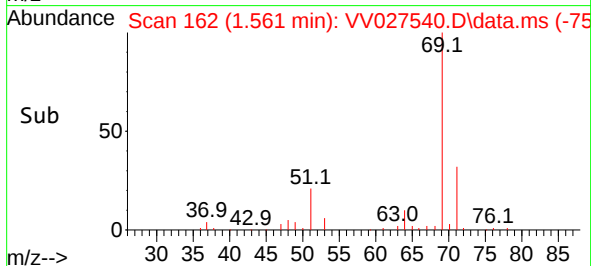
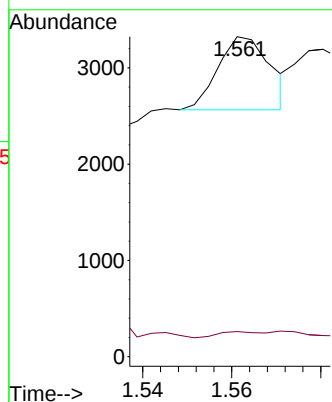
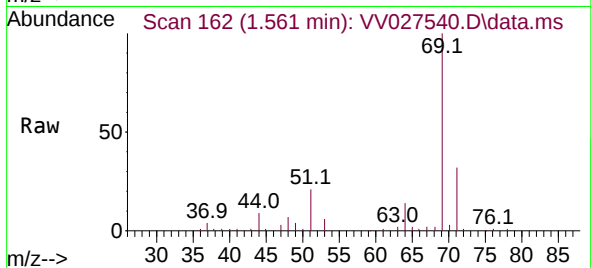




#8
Chloroethane
Concen: 0.087 ug/L
RT: 1.561 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

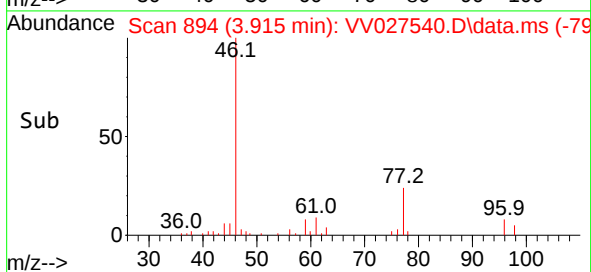
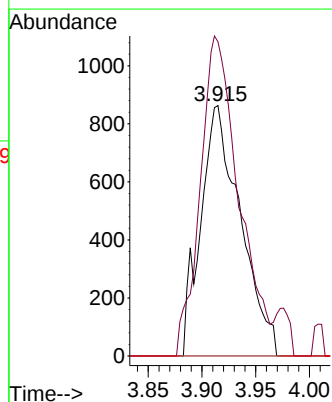
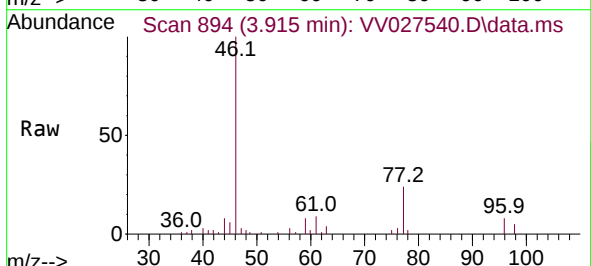
Instrument :
MSVOA_V
ClientSampleId :

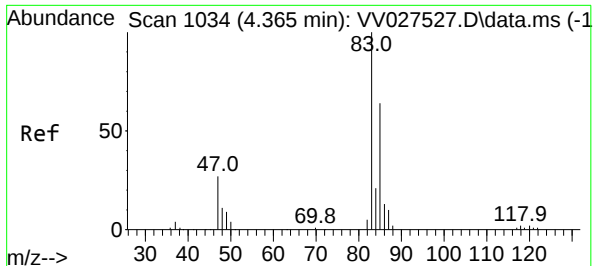
Tgt Ion: 64 Resp: 619
Ion Ratio Lower Upper
64 100
66 7.8 23.3 43.3#



#22
cis-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

Tgt Ion: 96 Resp: 2222
Ion Ratio Lower Upper
96 100
61 125.5 90.6 168.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.161 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VV027540.D

Acq: 26 Aug 2022 17:40

Instrument :

MSVOA_V

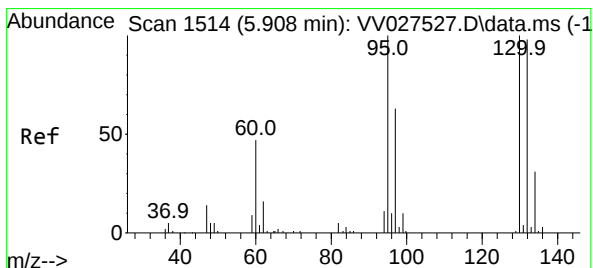
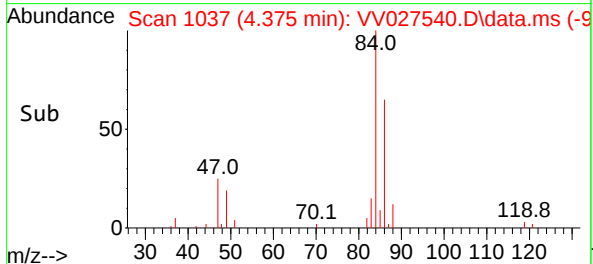
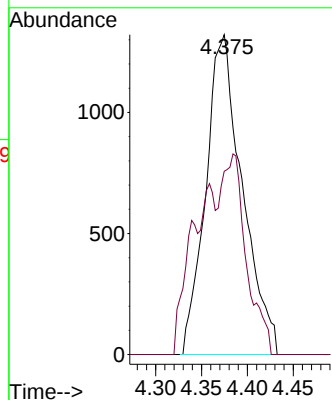
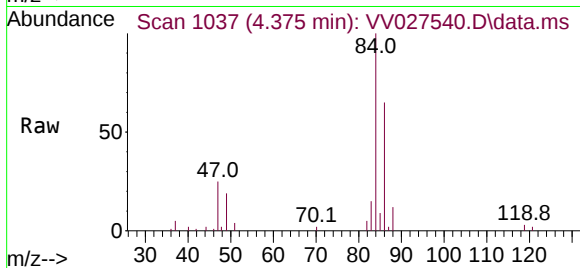
ClientSampleId :

Tgt Ion: 83 Resp: 3666

Ion Ratio Lower Upper

83 100

85 57.3 43.3 80.5



#34

Trichloroethene

Concen: 0.616 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV027540.D

Acq: 26 Aug 2022 17:40

Tgt Ion: 95 Resp: 6830

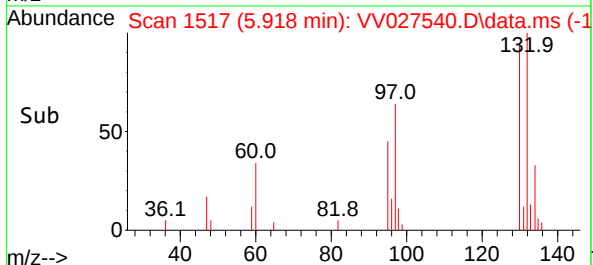
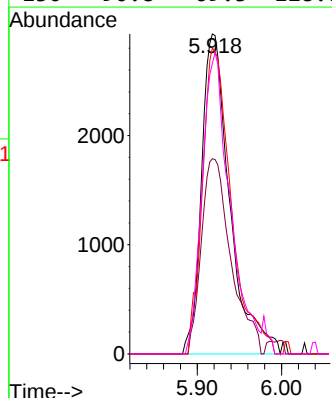
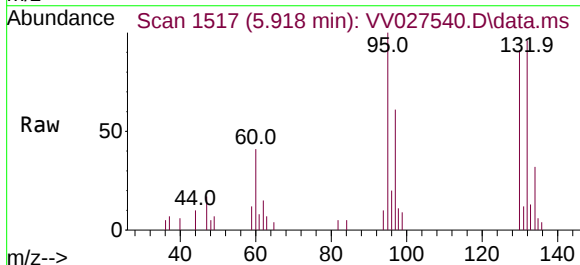
Ion Ratio Lower Upper

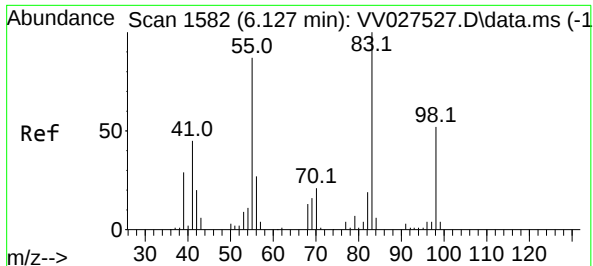
95 100

97 61.0 45.0 83.6

132 95.6 65.7 121.9

130 90.8 69.3 128.7

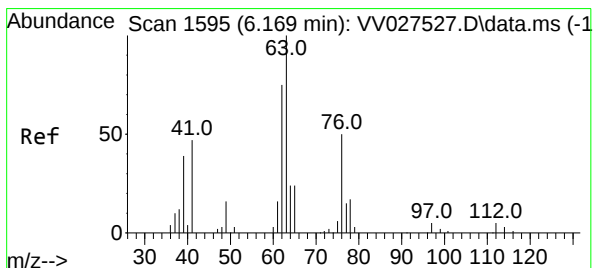
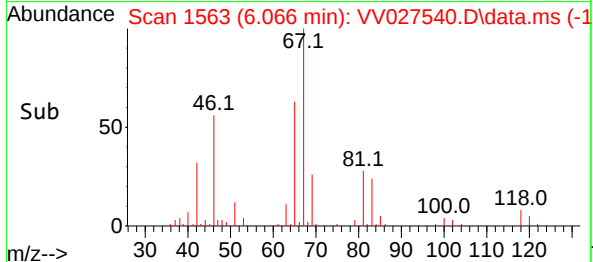
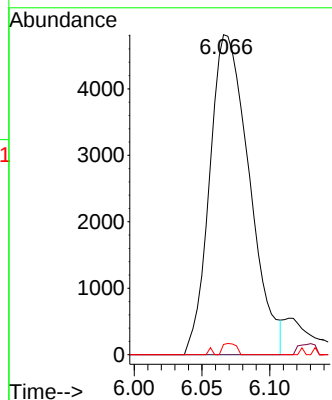
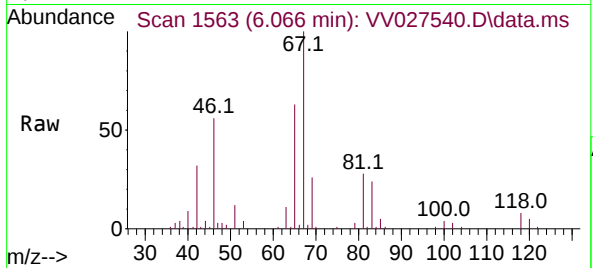




#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

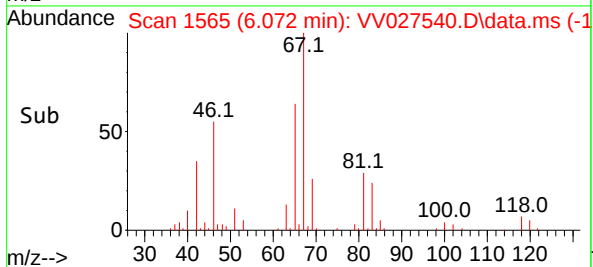
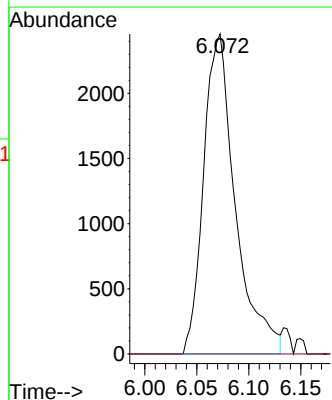
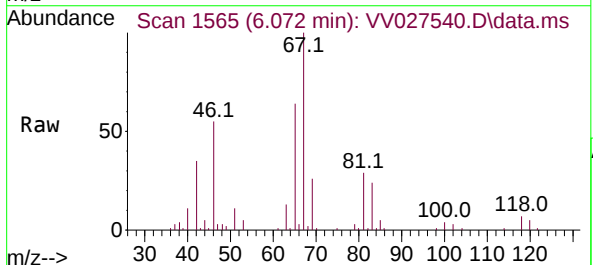
Instrument :
MSVOA_V
ClientSampleId :

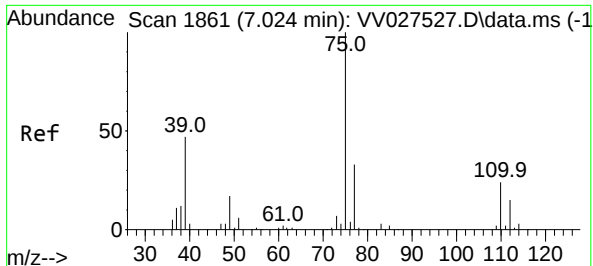
Tgt Ion: 83 Resp: 9780
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

Tgt Ion: 63 Resp: 5221
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV027540.D

Acq: 26 Aug 2022 17:40

Instrument :

MSVOA_V

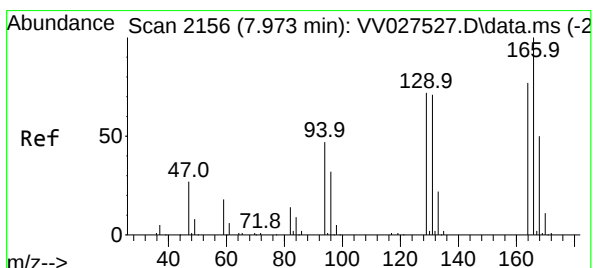
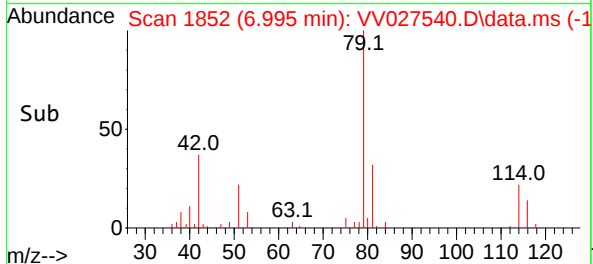
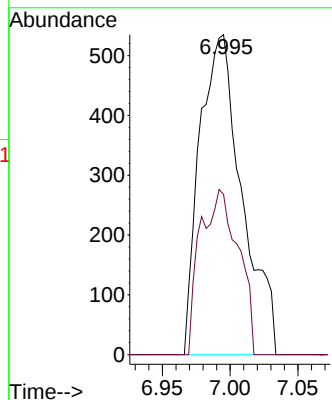
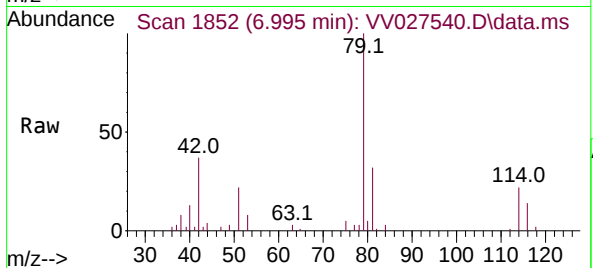
ClientSampleId :

Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 50.1 22.9 42.5#



#47

Tetrachloroethene

Concen: 0.463 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027540.D

Acq: 26 Aug 2022 17:40

Tgt Ion: 164 Resp: 3999

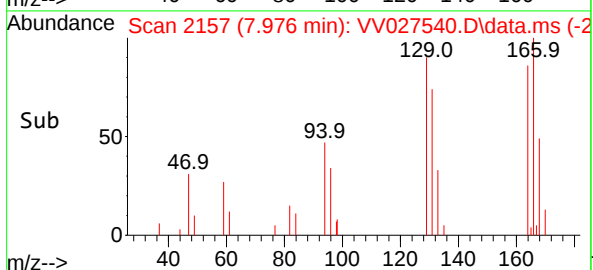
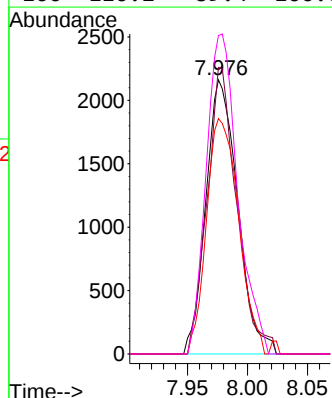
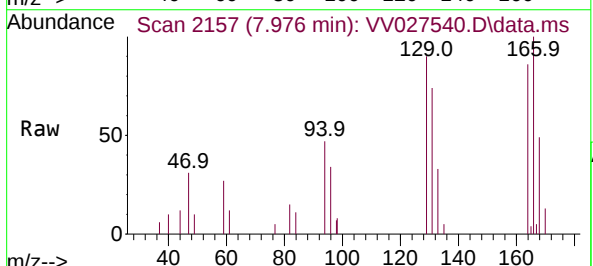
Ion Ratio Lower Upper

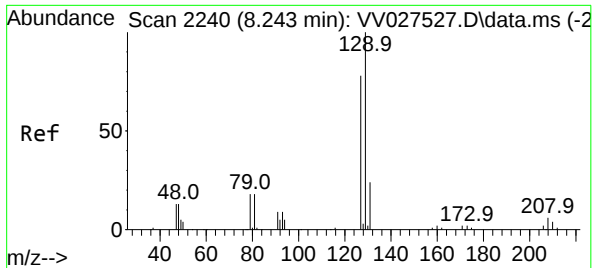
164 100

129 104.5 71.1 132.1

131 85.8 64.5 119.9

166 116.2 89.4 166.0

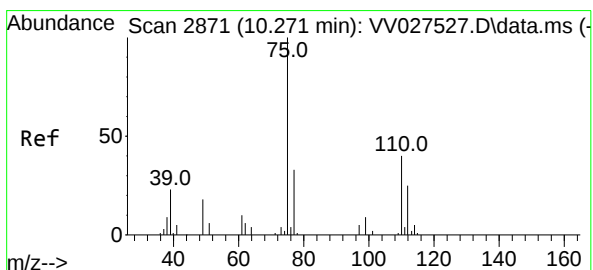
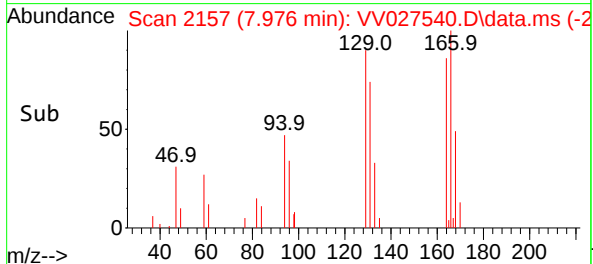
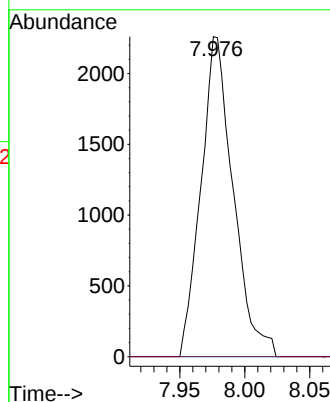
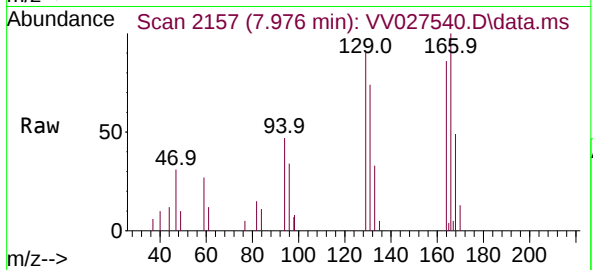




#49
Dibromochloromethane
Concen: 0.441 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 3898
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027540.D
Acq: 26 Aug 2022 17:40

Tgt Ion: 75 Resp: 6376
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 3.4 29.9 44.9#

