

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027472.D
 Acq On : 22 Aug 2022 16:59
 Operator : SY/MD
 Sample : N4252-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

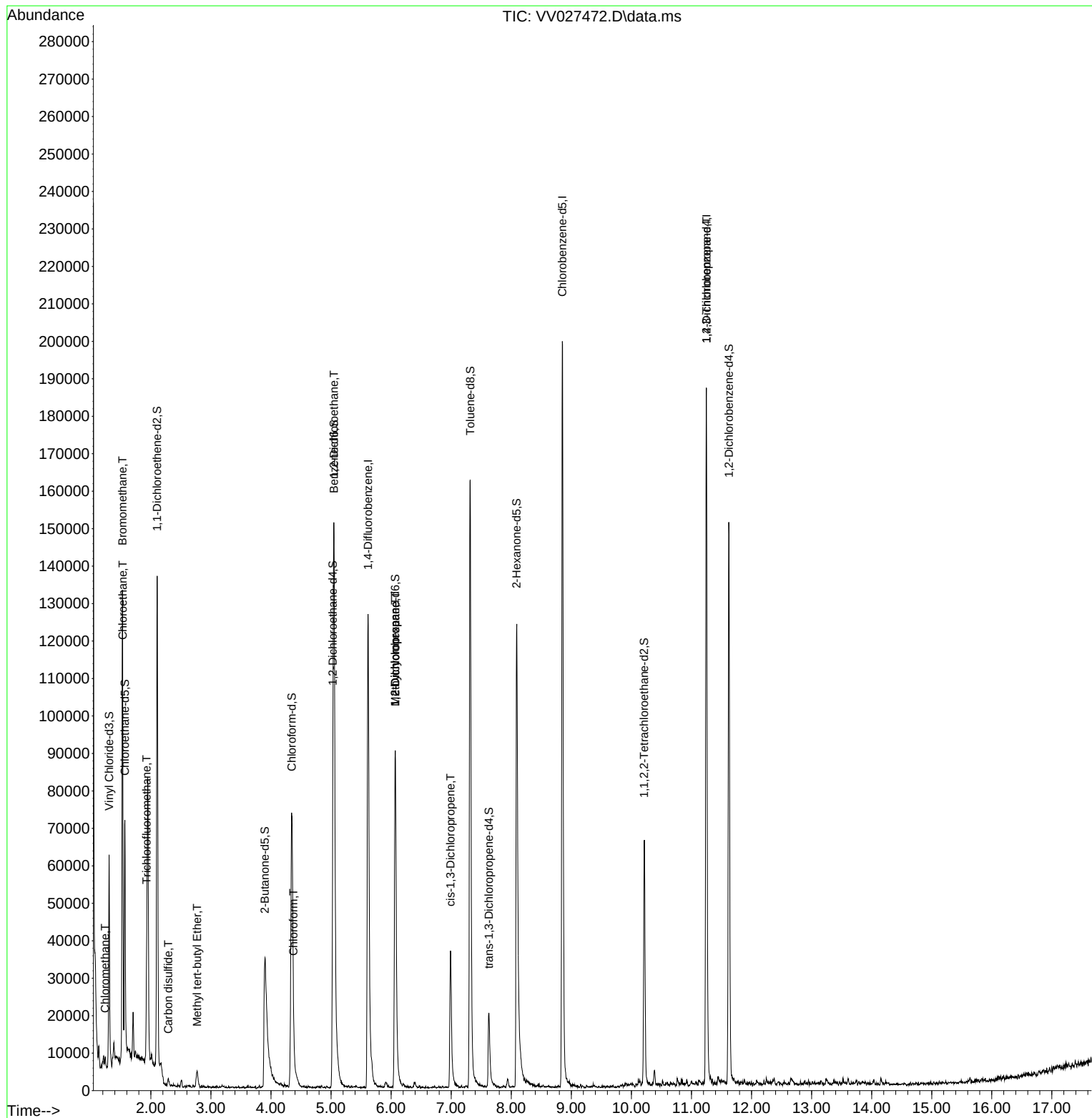
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	111980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	111732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35472	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	36876	6.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.400%
11) 1,1-Dichloroethene-d2	2.105	63	67808	3.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.899	46	62804	63.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.640%
24) Chloroform-d	4.346	84	80902	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.030	65	35855	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.050	84	144279	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.069	67	45433	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.317	98	114981	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.628	79	13763	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	45960	45.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31691	5.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	37419	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2451	0.236	ug/L	91
6) Bromomethane	1.526	94	598	0.116	ug/L	84
8) Chloroethane	1.532	64	484	0.079	ug/L	96
9) Trichlorofluoromethane	1.931	101	1536	0.093	ug/L	86
14) Carbon disulfide	2.291	76	1786	0.077	ug/L #	77
17) Methyl tert-butyl Ether	2.770	73	3682	0.210	ug/L #	84
25) Chloroform	4.375	83	1846	0.094	ug/L	90
27) 1,2-Dichloroethane	5.047	62	970	0.097	ug/L #	74
35) Methylcyclohexane	6.069	83	10579	0.769	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5296	0.535	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1105	0.093	ug/L #	56
61) 1,2,3-Trichloropropane	11.249	75	6146	1.449	ug/L #	68

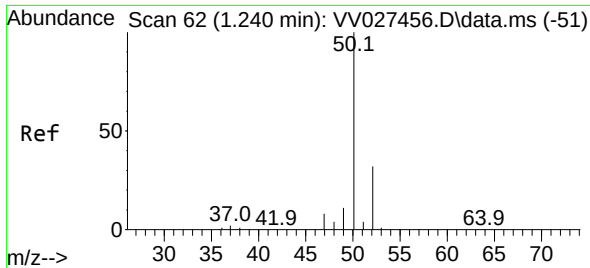
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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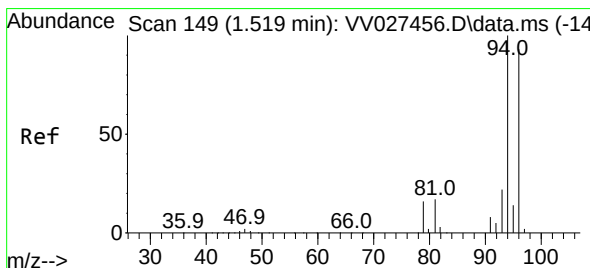
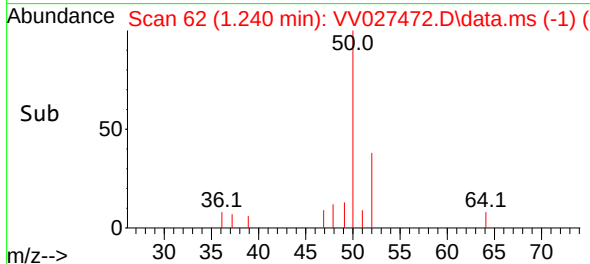
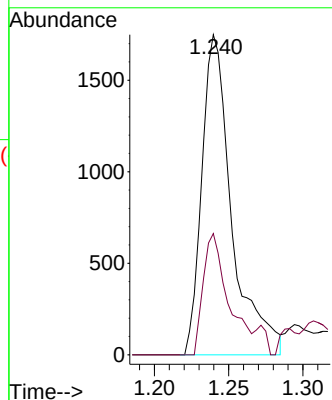
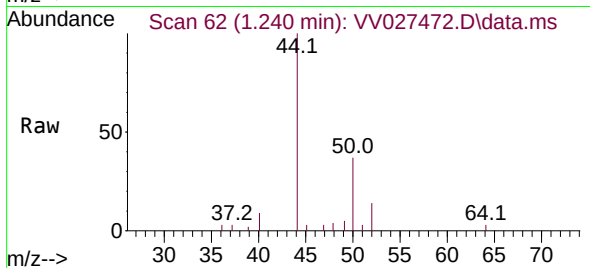




#3
Chloromethane
Concen: 0.236 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

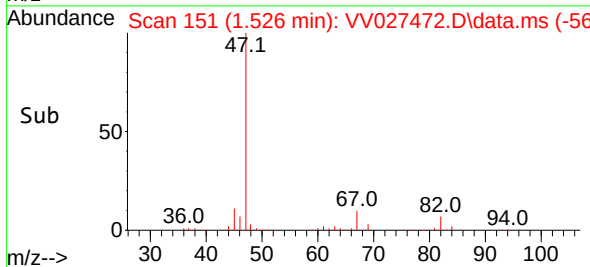
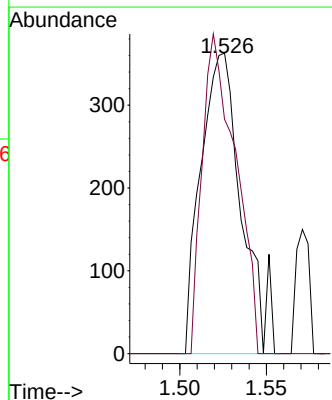
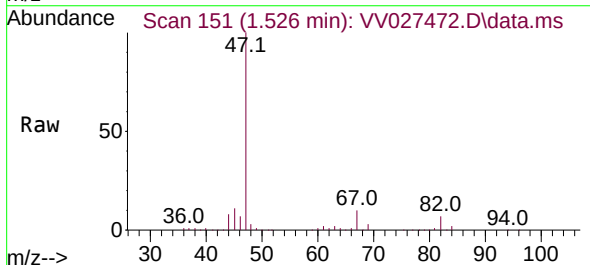
Instrument :
MSVOA_V
ClientSampleId :

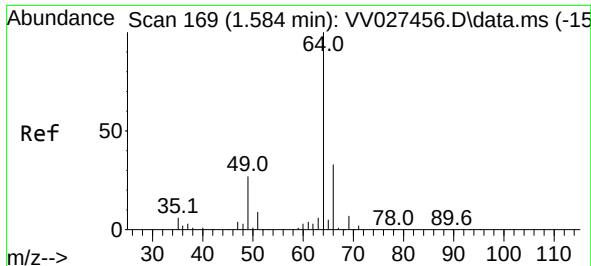
Tgt Ion: 50 Resp: 2451
Ion Ratio Lower Upper
50 100
52 37.9 22.8 42.4



#6
Bromomethane
Concen: 0.116 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

Tgt Ion: 94 Resp: 598
Ion Ratio Lower Upper
94 100
96 78.0 65.2 121.0

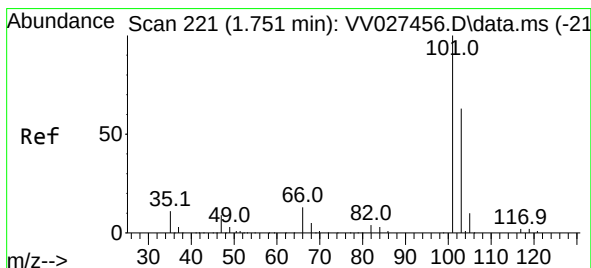
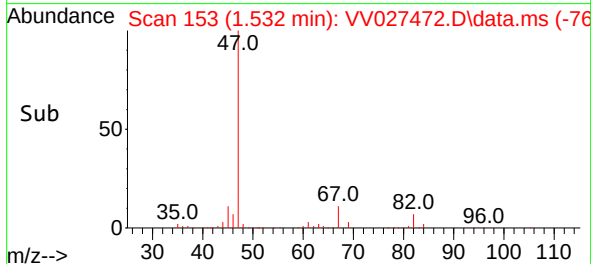
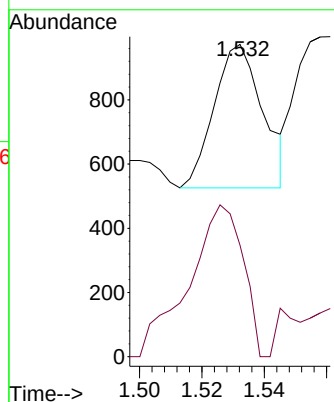
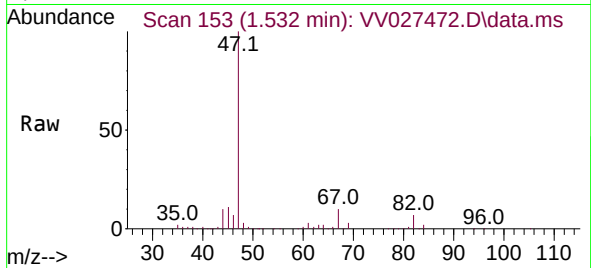




#8
Chloroethane
Concen: 0.079 ug/L
RT: 1.532 min Scan# 11
Delta R.T. -0.052 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

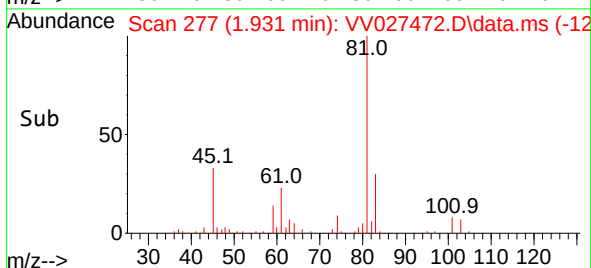
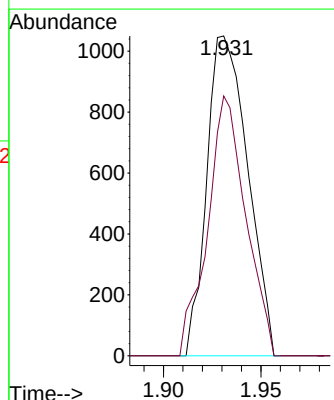
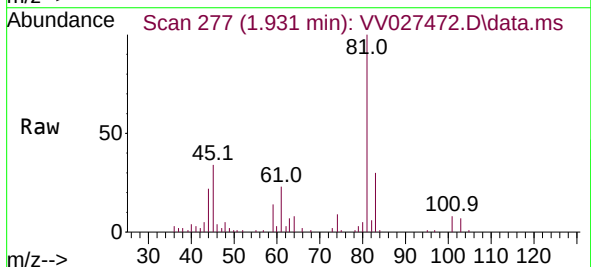
Instrument :
MSVOA_V
ClientSampleId :

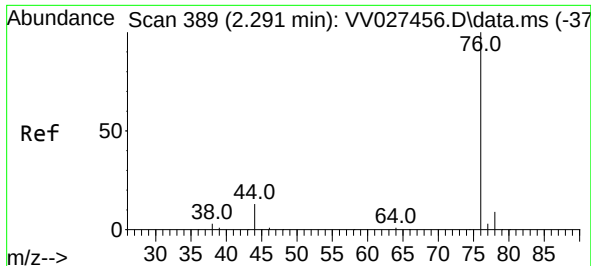
Tgt Ion: 64 Resp: 484
Ion Ratio Lower Upper
64 100
66 35.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 0.093 ug/L
RT: 1.931 min Scan# 277
Delta R.T. 0.180 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

Tgt Ion:101 Resp: 1536
Ion Ratio Lower Upper
101 100
103 75.7 51.5 77.3

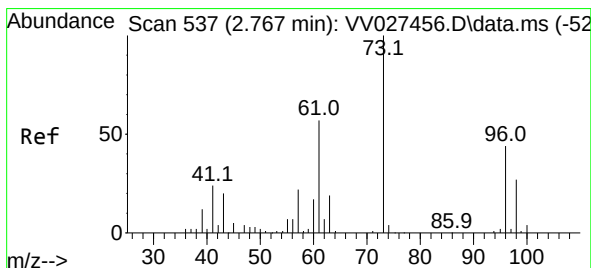
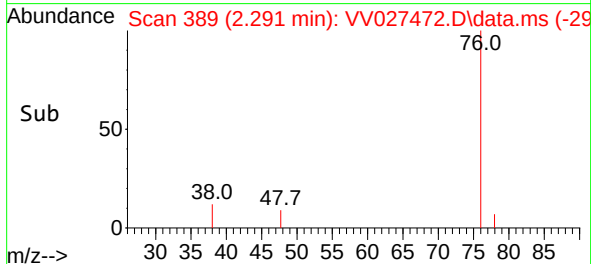
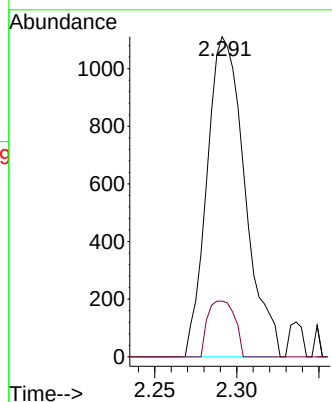
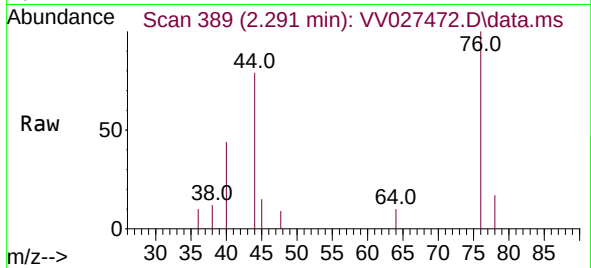




#14
Carbon disulfide
Concen: 0.077 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

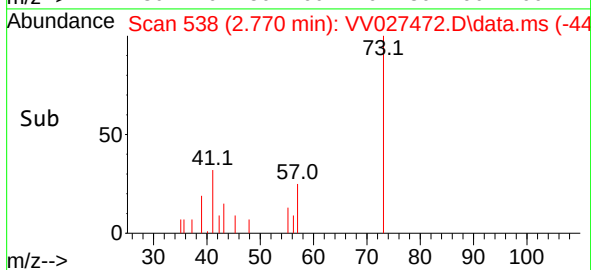
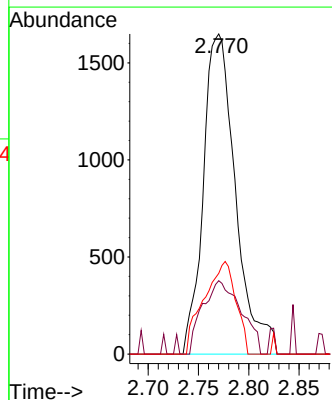
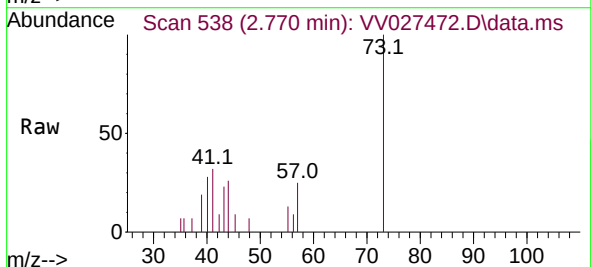
Instrument :
MSVOA_V
ClientSampleId :

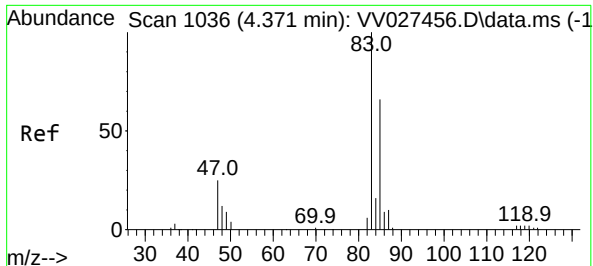
Tgt Ion: 76 Resp: 1786
Ion Ratio Lower Upper
76 100
78 17.4 7.3 10.9#



#17
Methyl tert-butyl Ether
Concen: 0.210 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

Tgt Ion: 73 Resp: 3682
Ion Ratio Lower Upper
73 100
43 27.3 15.6 23.4#
57 28.6 17.0 25.6#

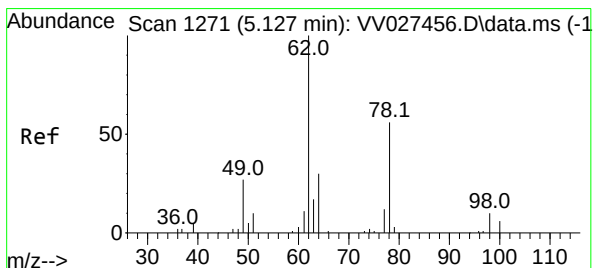
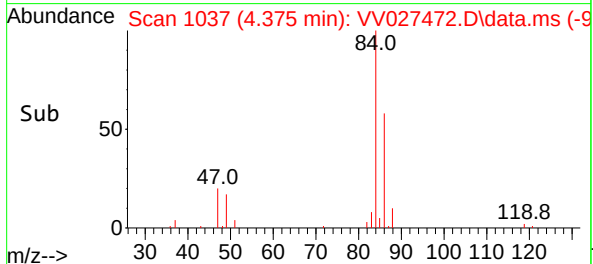
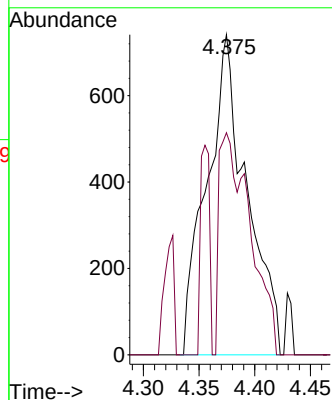
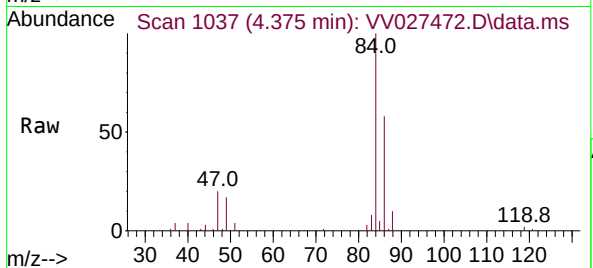




#25
Chloroform
Concen: 0.094 ug/L
RT: 4.375 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

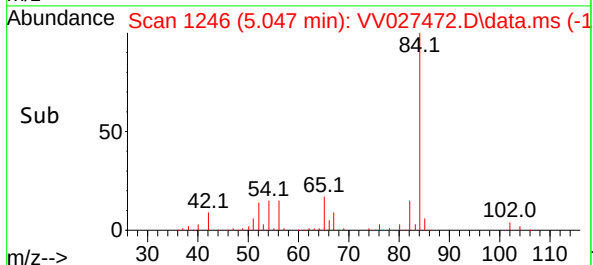
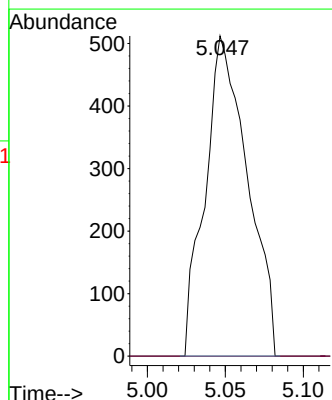
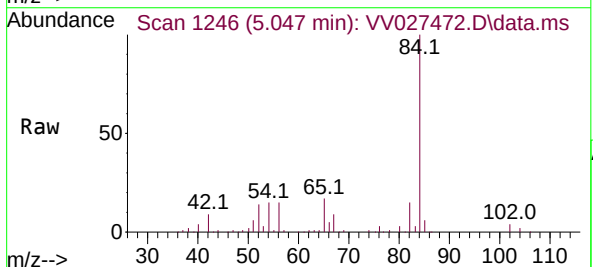
Instrument :
MSVOA_V
ClientSampleId :

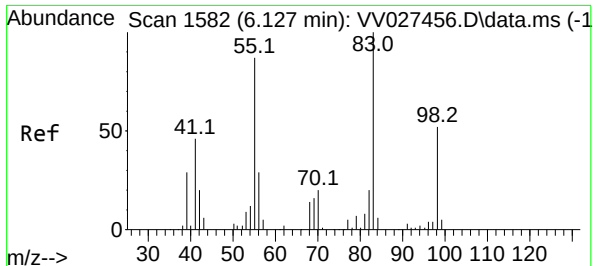
Tgt Ion: 83 Resp: 1846
Ion Ratio Lower Upper
83 100
85 69.4 43.3 80.5



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.080 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

Tgt Ion: 62 Resp: 970
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

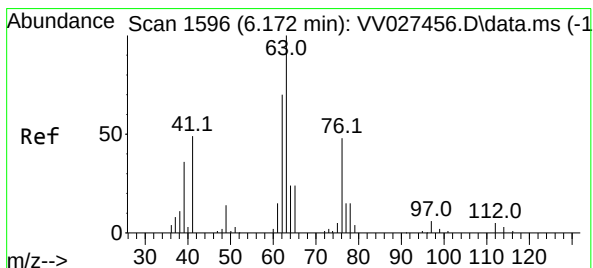
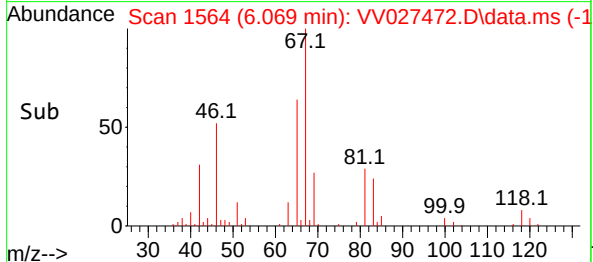
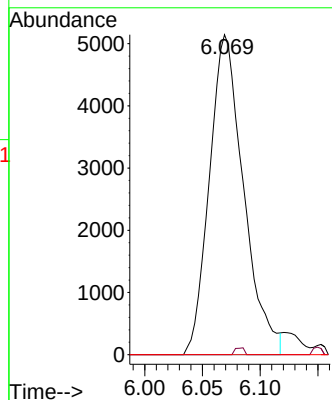
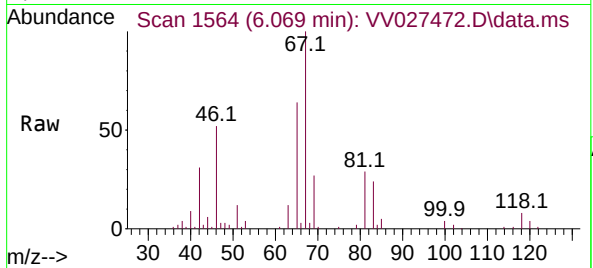




#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027472.D
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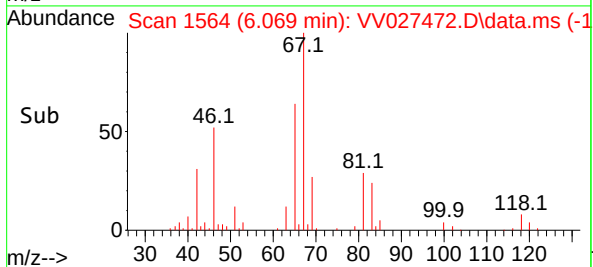
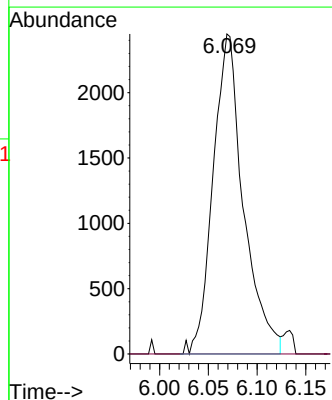
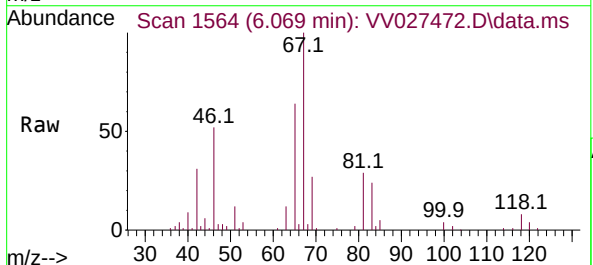
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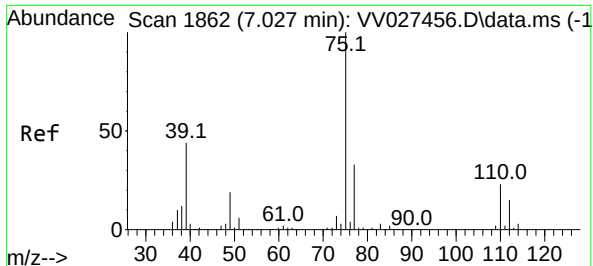
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	68.2	102.4#
98	1.4	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV027472.D
Acq: 22 Aug 2022 16:59

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





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027472.D

Acq: 22 Aug 2022 16:59

Instrument :

MSVOA_V

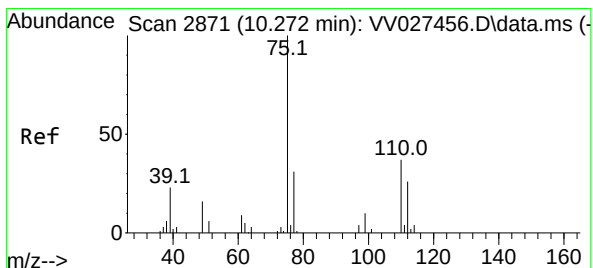
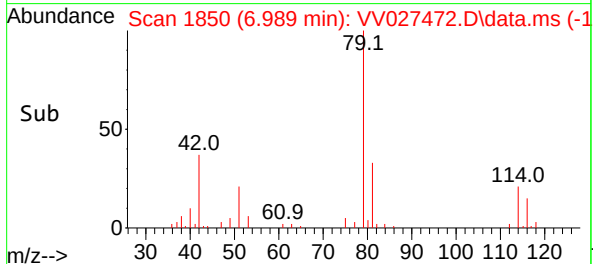
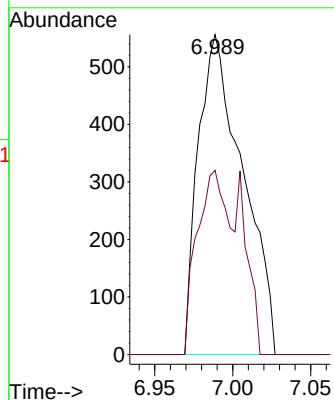
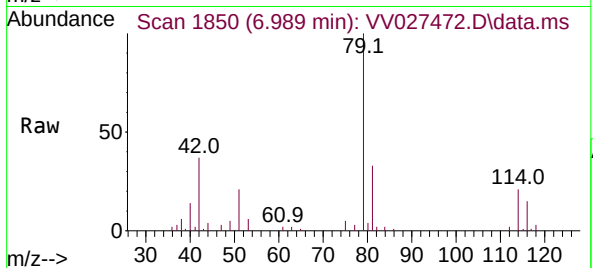
ClientSampleId :

Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

75 100

77 57.6 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027472.D

Acq: 22 Aug 2022 16:59

Tgt Ion: 75 Resp: 6146

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2

110 3.4 29.9 44.9#

