

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027382.D
 Acq On : 15 Aug 2022 12:07
 Operator : SY/MD
 Sample : VV0815WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 00:24:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

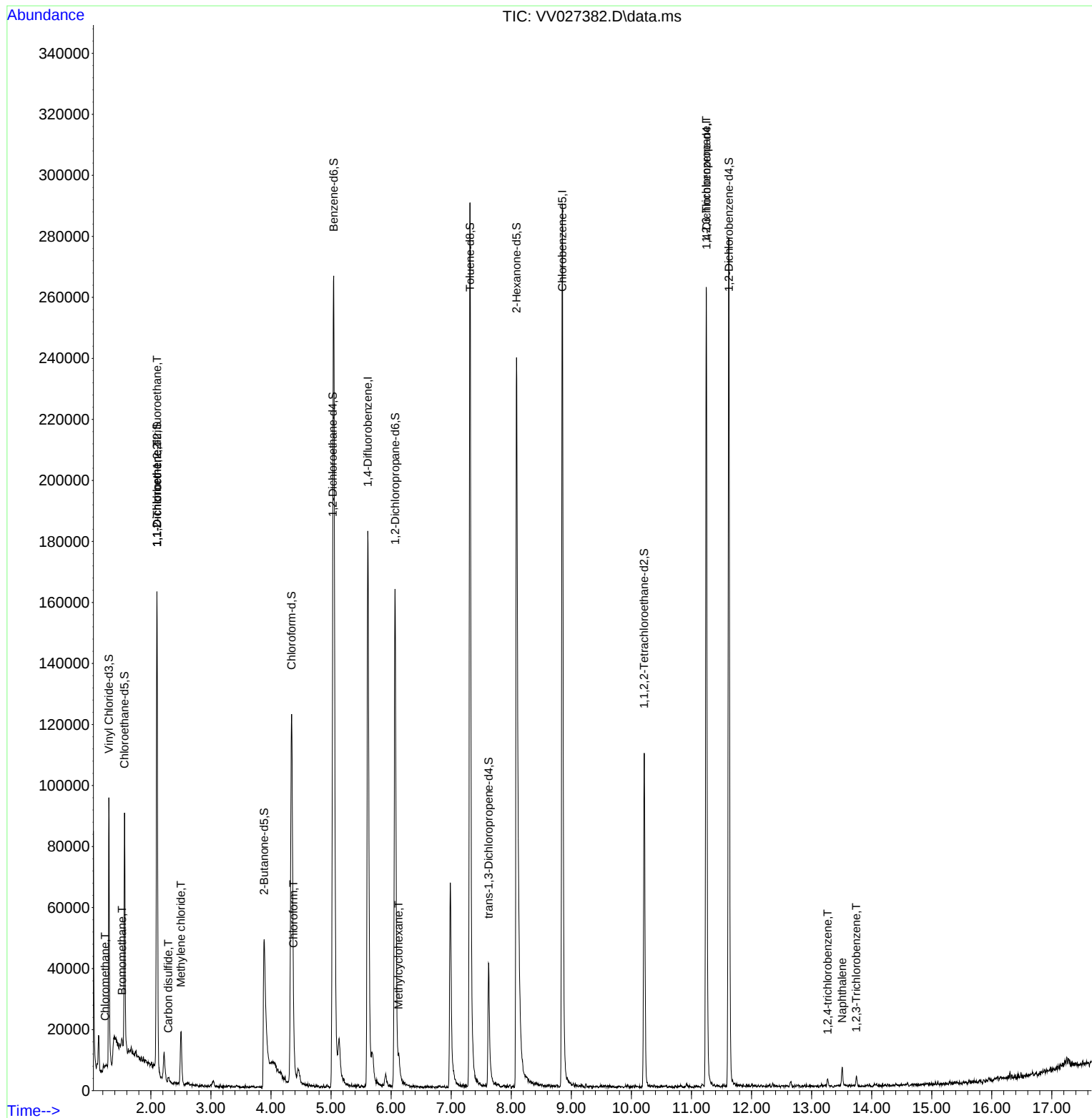
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150831	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59719	4.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.561	69	47945	5.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.101	63	85473	3.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.886	46	100893	45.462	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.920%
24) Chloroform-d	4.342	84	126755	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.027	65	61014	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.043	84	234030	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	78878	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.313	98	200753	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	25370	5.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.088	63	97129	49.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	52846	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70827	5.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1107	0.062	ug/L	90
6) Bromomethane	1.519	94	890	0.114	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	928	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	937	0.086	ug/L #	1
14) Carbon disulfide	2.288	76	2558	0.059	ug/L #	85
16) Methylene chloride	2.500	84	7454	0.427	ug/L	89
25) Chloroform	4.375	83	7604	0.289	ug/L	93
35) Methylcyclohexane	6.124	83	1289	0.069	ug/L #	23
61) 1,2,3-Trichloropropane	11.246	75	8529	1.291	ug/L #	68
70) 1,2,4-trichlorobenzene	13.268	180	790	0.068	ug/L #	91
71) Naphthalene	13.509	128	4779	0.266	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	1018	0.094	ug/L #	90

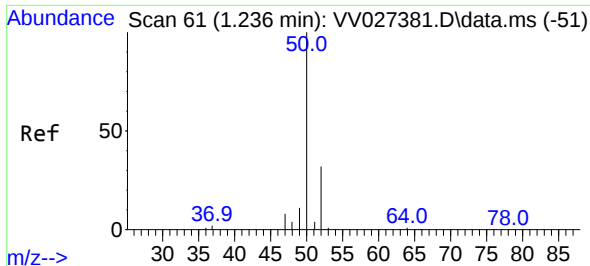
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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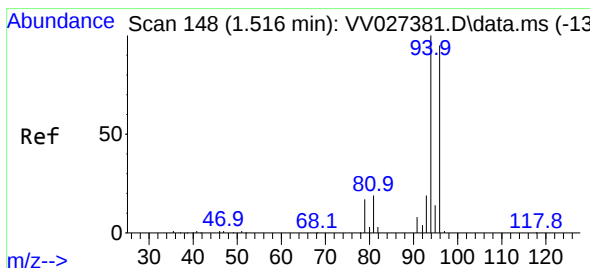
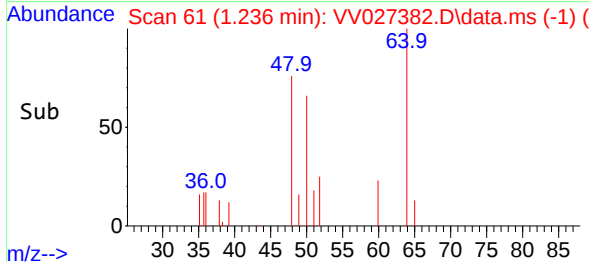
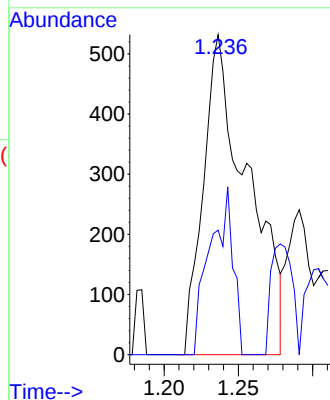
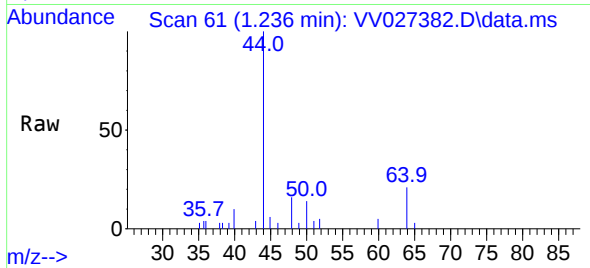




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

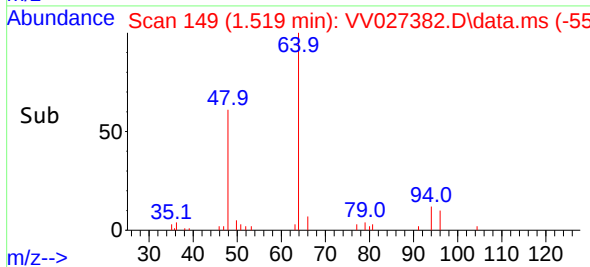
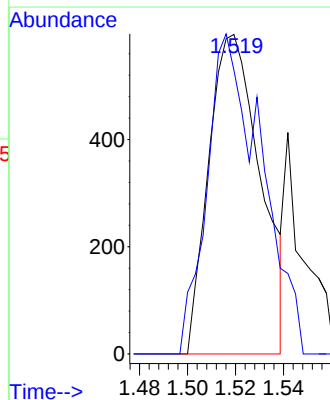
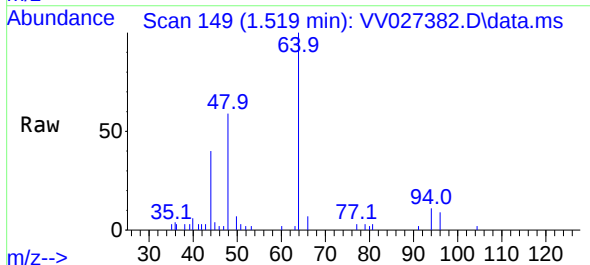
Instrument :
MSVOA_V
ClientSampleId :

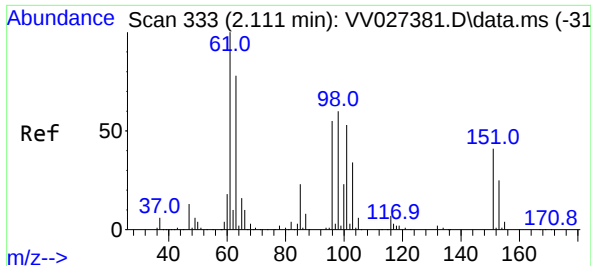
Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 38.9 23.4 43.4



#6
Bromomethane
Concen: 0.114 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

Tgt Ion: 94 Resp: 890
Ion Ratio Lower Upper
94 100
96 88.8 67.2 124.8

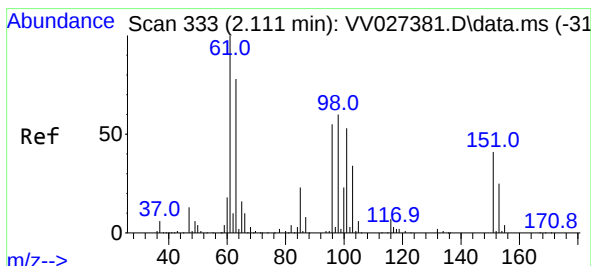
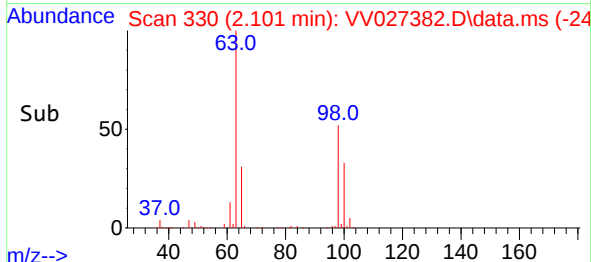
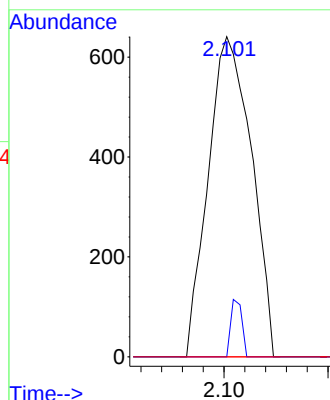
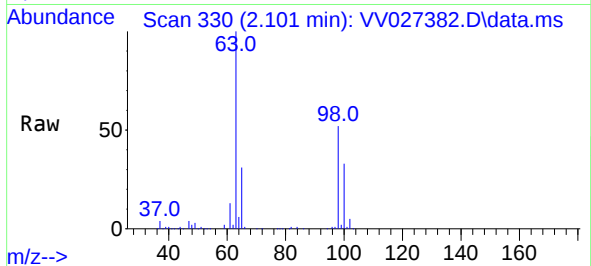




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

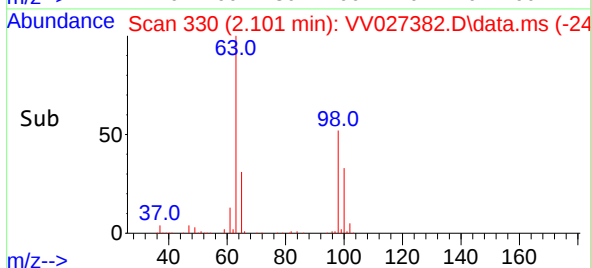
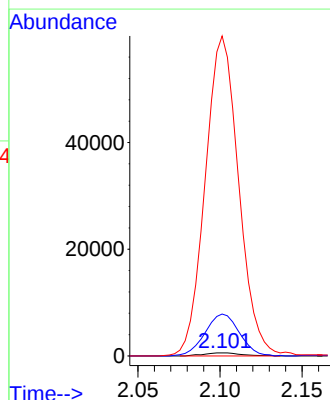
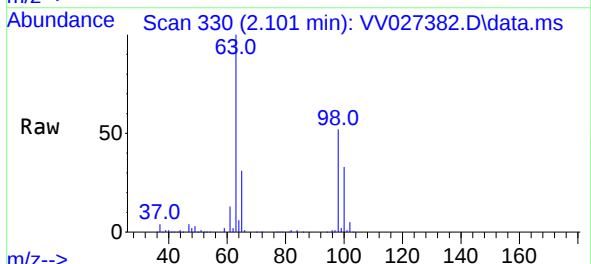
Instrument :
MSVOA_V
ClientSampleId :

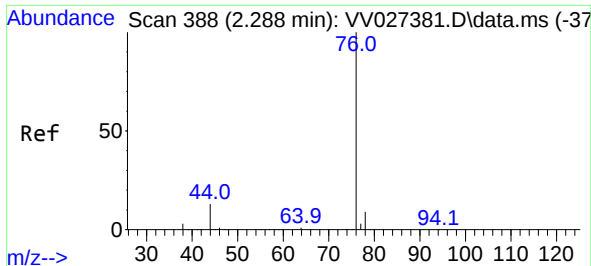
Tgt Ion:101 Resp: 928
Ion Ratio Lower Upper
101 100
85 4.5 36.2 54.4#
151 0.0 62.0 93.0#



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

Tgt Ion: 96 Resp: 937
Ion Ratio Lower Upper
96 100
61 1341.5 130.7 242.7#
63 10233.4 101.4 188.2#

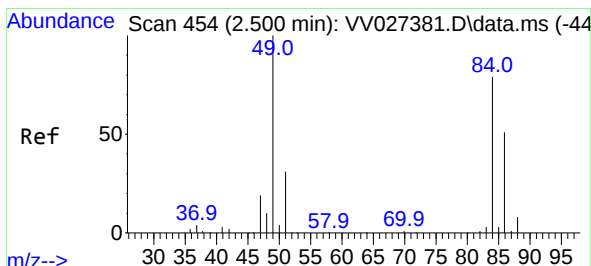
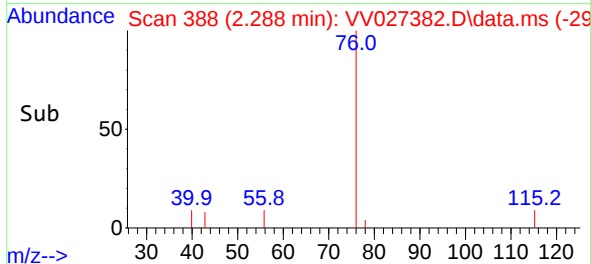
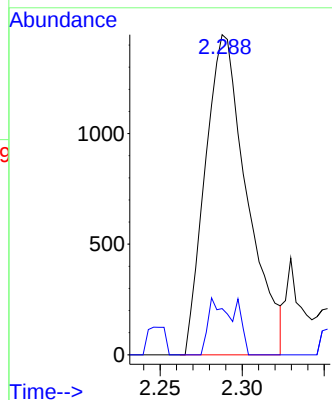
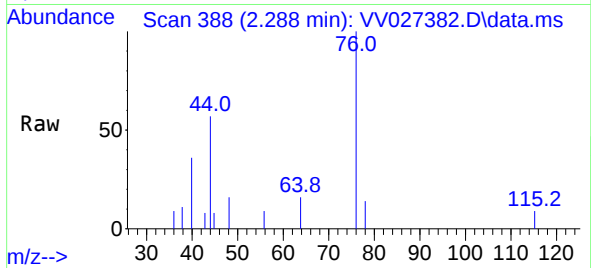




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

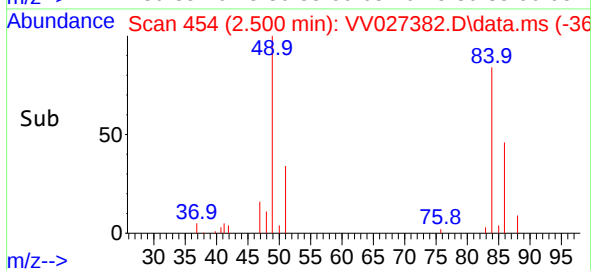
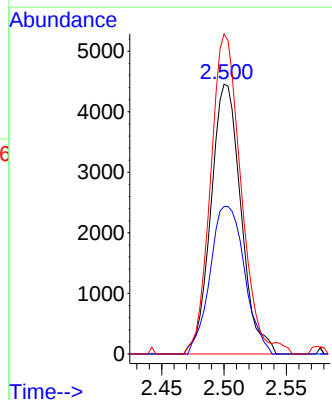
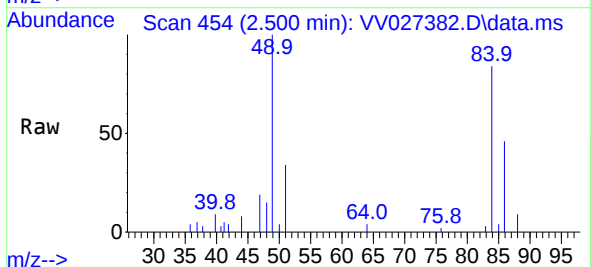
Instrument :
MSVOA_V
ClientSampleId :

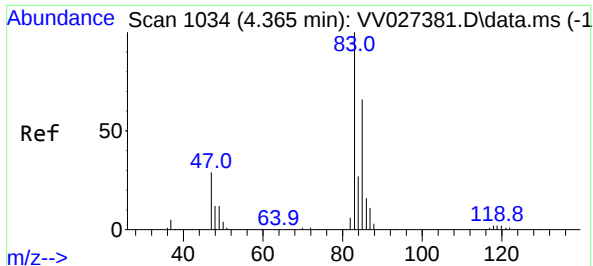
Tgt Ion: 76 Resp: 2558
Ion Ratio Lower Upper
76 100
78 14.4 7.2 10.8#



#16
Methylene chloride
Concen: 0.427 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

Tgt Ion: 84 Resp: 7454
Ion Ratio Lower Upper
84 100
86 54.6 45.1 83.9
49 118.6 91.2 169.4





#25

Chloroform

Concen: 0.289 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.010 min

Lab File: VV027382.D

Acq: 15 Aug 2022 12:07

Instrument :

MSVOA_V

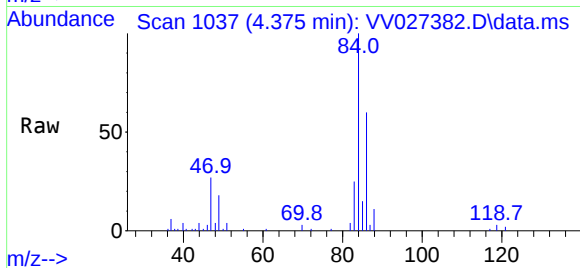
ClientSampleId :

Tgt Ion: 83 Resp: 7604

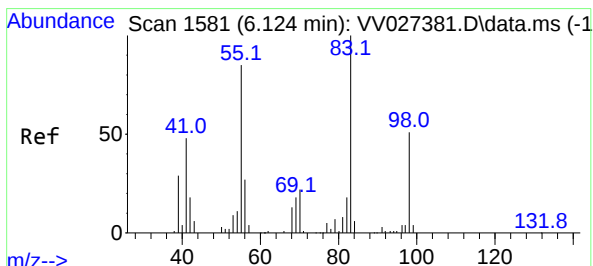
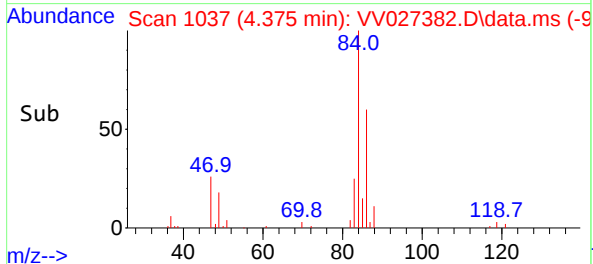
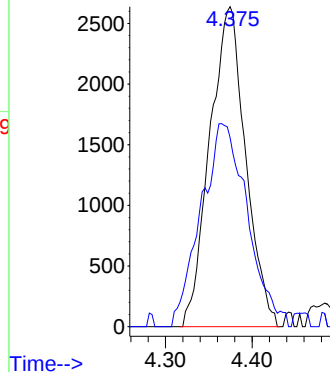
Ion Ratio Lower Upper

83 100

85 59.1 45.2 84.0



Abundance



#35

Methylcyclohexane

Concen: 0.069 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV027382.D

Acq: 15 Aug 2022 12:07

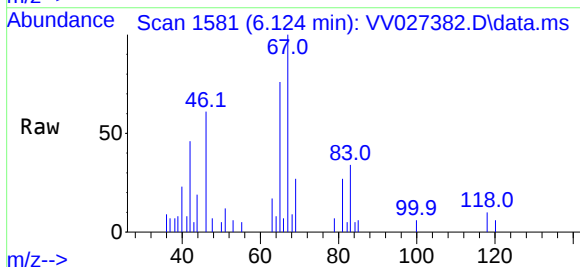
Tgt Ion: 83 Resp: 1289

Ion Ratio Lower Upper

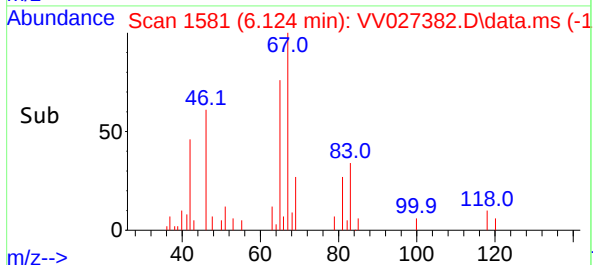
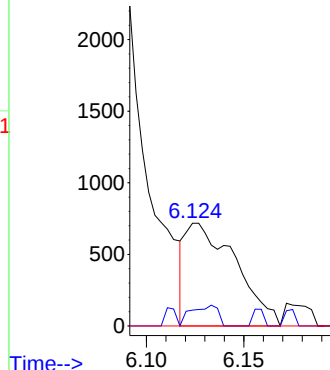
83 100

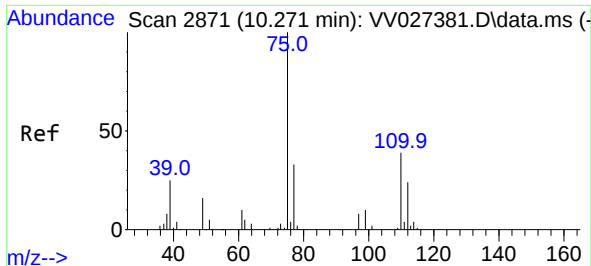
55 10.7 67.0 100.6#

98 0.0 38.7 58.1#



Abundance

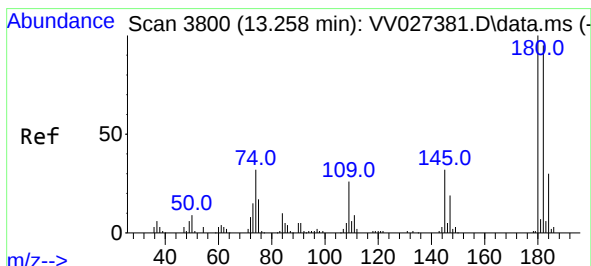
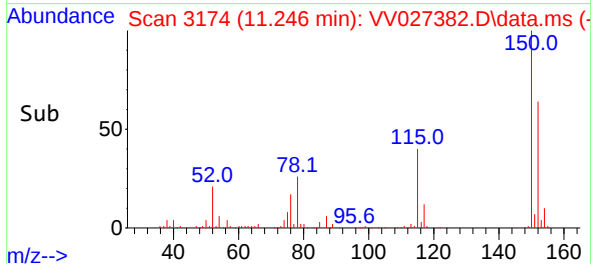
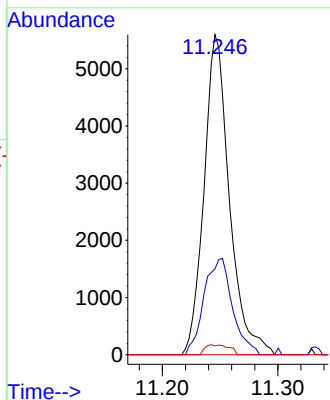
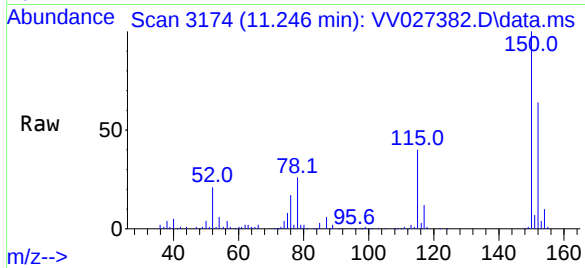




#61
1,2,3-Trichloropropane
Concen: 1.291 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

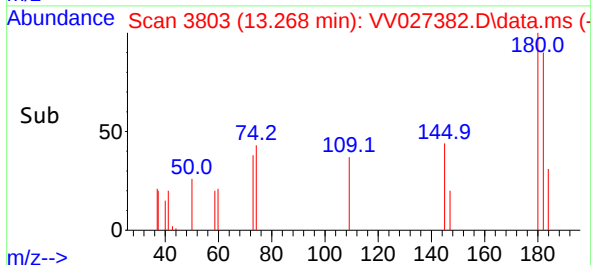
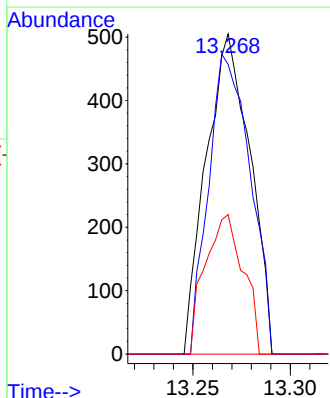
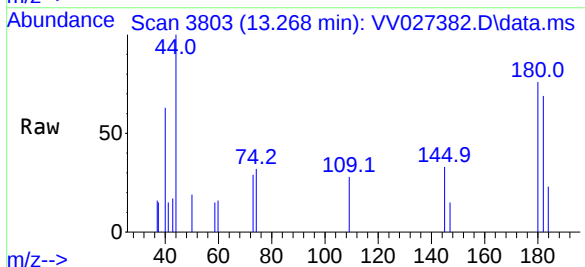
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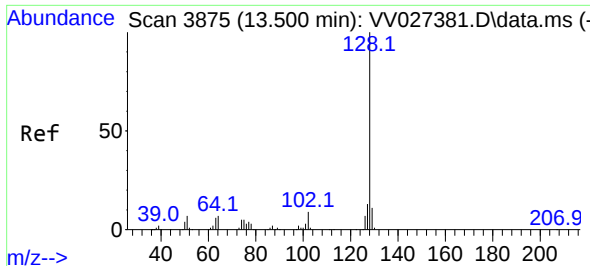
Tgt Ion: 75 Resp: 8529
Ion Ratio Lower Upper
75 100
77 33.7 26.6 39.8
110 2.9 31.0 46.6#



#70
1,2,4-trichlorobenzene
Concen: 0.068 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

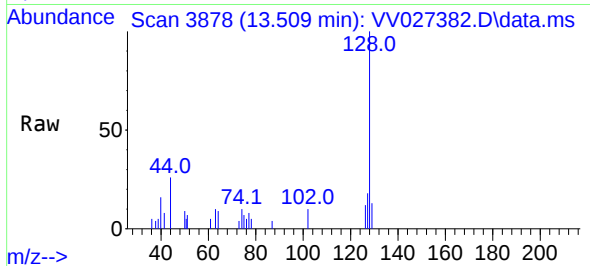
Tgt Ion:180 Resp: 790
Ion Ratio Lower Upper
180 100
182 89.1 77.4 116.0
145 37.8 24.9 37.3#



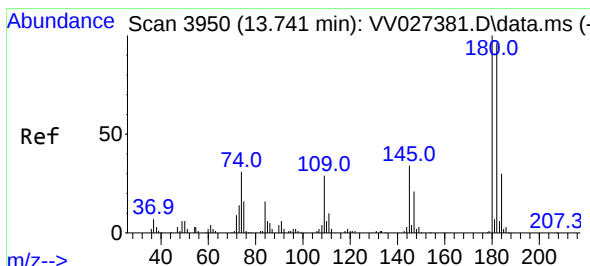
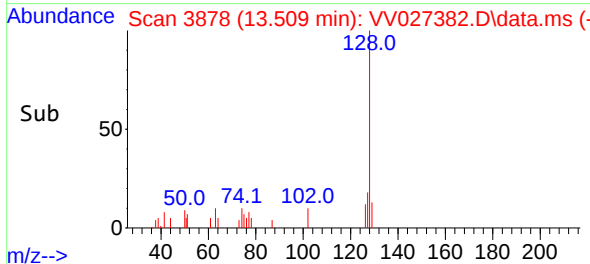
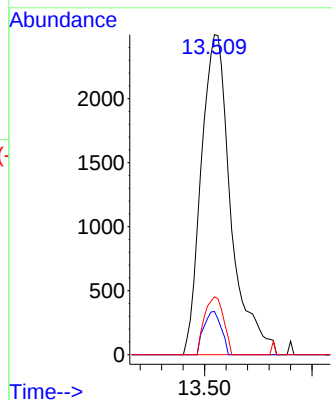


#71
Naphthalene
Concen: 0.266 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

Instrument :
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ClientSampleId :



Tgt Ion:128 Resp: 4779
Ion Ratio Lower Upper
128 100
129 7.9 9.0 13.4#
127 11.6 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 0.094 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027382.D
Acq: 15 Aug 2022 12:07

Tgt Ion:180 Resp: 1018
Ion Ratio Lower Upper
180 100
182 84.8 73.8 110.6
145 24.9 27.0 40.4#

