

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028699.D
 Acq On : 26 Oct 2022 17:12
 Operator : SY/MD
 Sample : N5232-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	138585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	56310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70046	6.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.800%#
7) Chloroethane-d5	1.565	69	62689	7.401	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	148.000%#
11) 1,1-Dichloroethene-d2	2.105	63	96561	4.983	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.892	46	155878	68.237	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.480%#
24) Chloroform-d	4.346	84	107503	6.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.600%
26) 1,2-Dichloroethane-d4	5.027	65	57421	6.505	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.200%#
32) Benzene-d6	5.047	84	220637	5.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.000%
36) 1,2-Dichloropropane-d6	6.066	67	76364	6.509	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	130.200%
41) Toluene-d8	7.310	98	177655	6.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.800%
43) trans-1,3-Dichloroprop...	7.625	79	14195	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.088	63	94890	55.927	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49324	6.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.800%#
66) 1,2-Dichlorobenzene-d4	11.619	152	54955	7.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	141.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	340	0.056	ug/L #	70
3) Chloromethane	1.237	50	1840	0.162	ug/L	97
6) Bromomethane	1.520	94	1097	0.204	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1073	0.120	ug/L #	25
14) Carbon disulfide	2.291	76	1704	0.093	ug/L #	83
18) trans-1,2-Dichloroethene	2.764	96	308	0.039	ug/L #	30
25) Chloroform	4.375	83	7325	0.392	ug/L	89
35) Methylcyclohexane	6.066	83	16972	1.197	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	8439	0.797	ug/L #	88
49) Dibromochloromethane	7.976	129	205	0.030	ug/L	91
51) Chlorobenzene	8.879	112	1431	0.058	ug/L #	68
61) 1,2,3-Trichloropropane	11.185	75	455	0.094	ug/L #	81
62) 1,3,5-Trimethylbenzene	10.918	105	1025	0.099	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	1108	0.096	ug/L #	89
70) 1,2,4-trichlorobenzene	13.259	180	1601	0.181	ug/L	98
71) Naphthalene	13.503	128	5903	0.390	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.741	180	1876	0.240	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

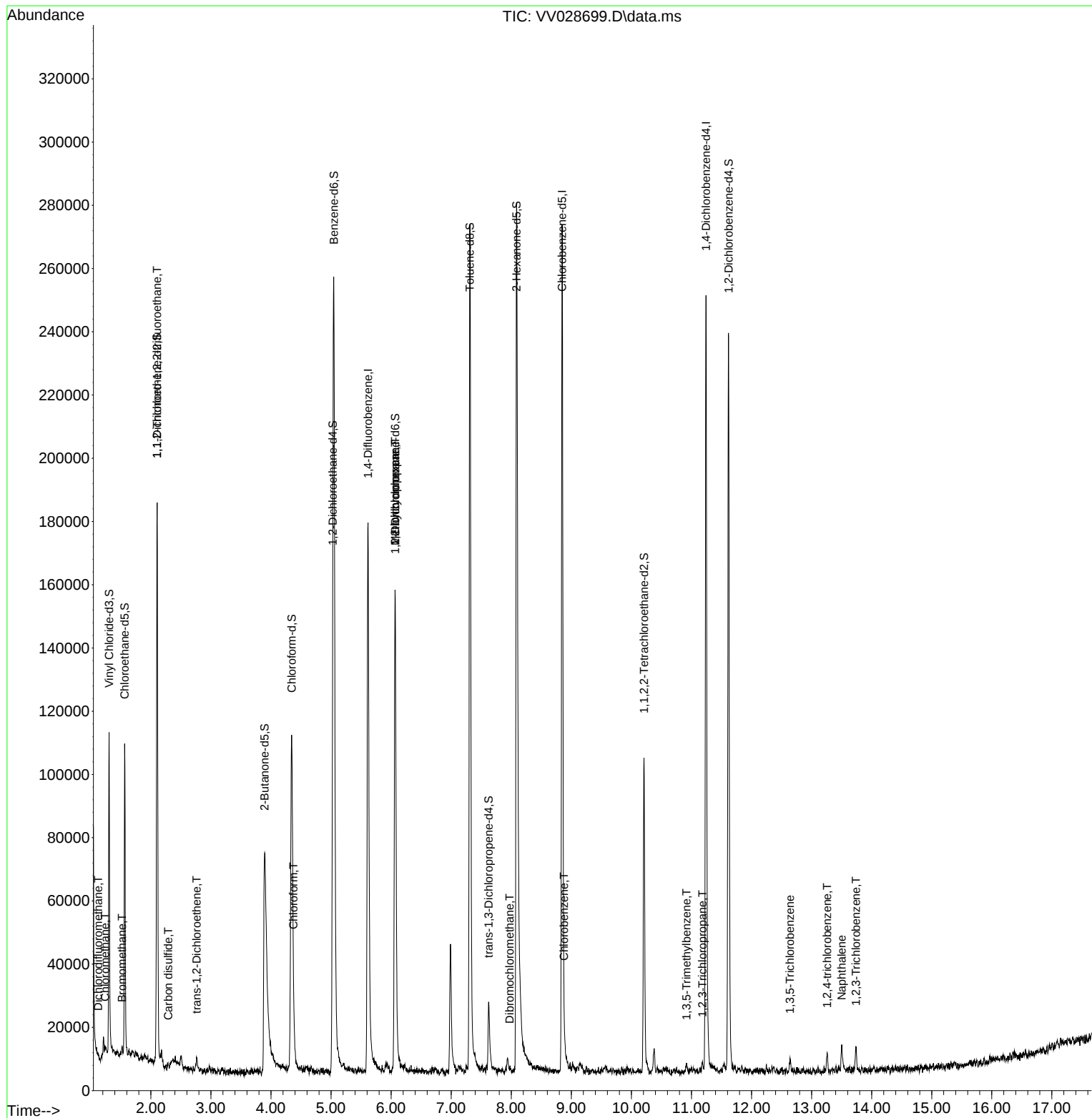
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

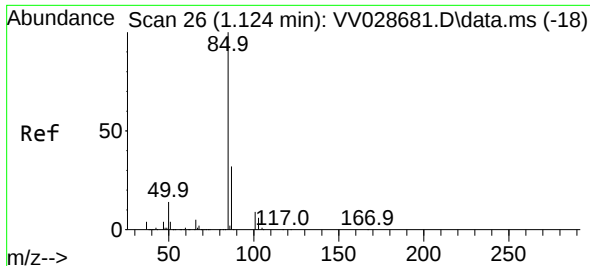
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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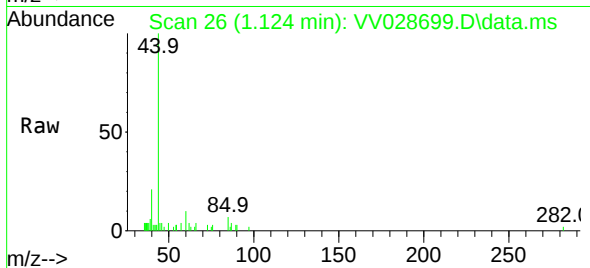
Quant Time: Oct 27 06:24:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
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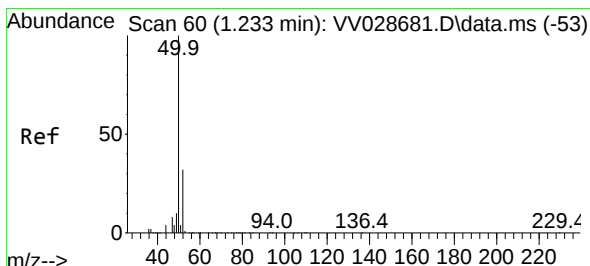
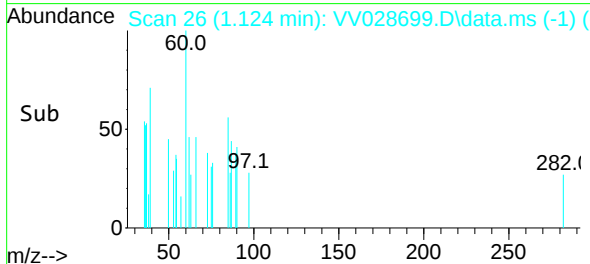
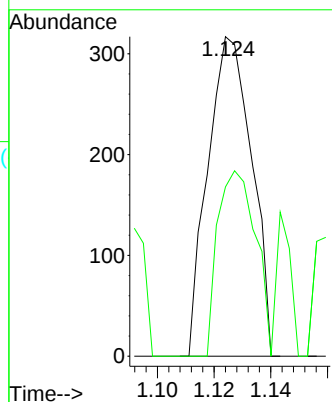


#2
 Dichlorodifluoromethane
 Concen: 0.056 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028699.D
 Acq: 26 Oct 2022 17:12

Instrument :
 MSVOA_V
 ClientSampleId :

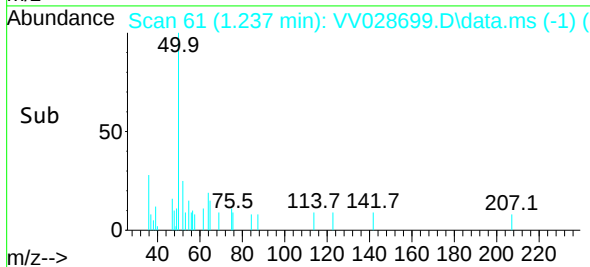
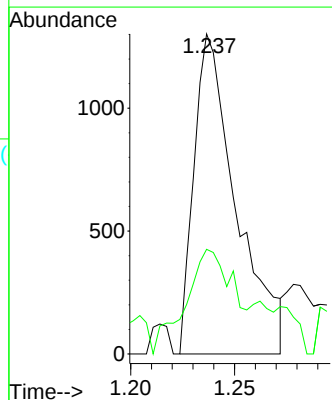
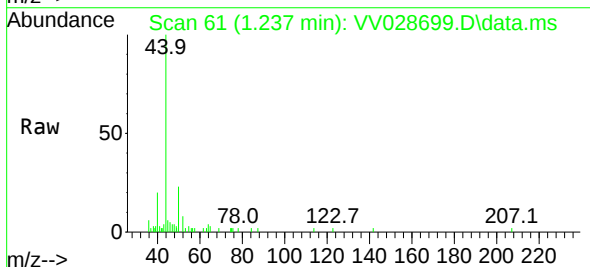


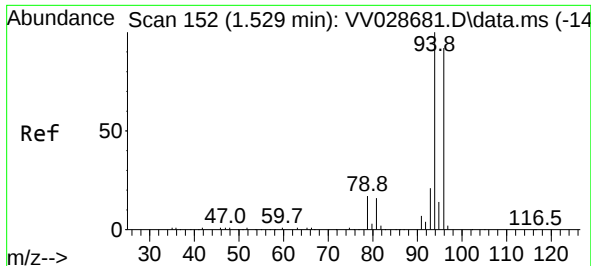
Tgt Ion: 85 Resp: 340
 Ion Ratio Lower Upper
 85 100
 87 50.3 26.6 40.0#



#3
 Chloromethane
 Concen: 0.162 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV028699.D
 Acq: 26 Oct 2022 17:12

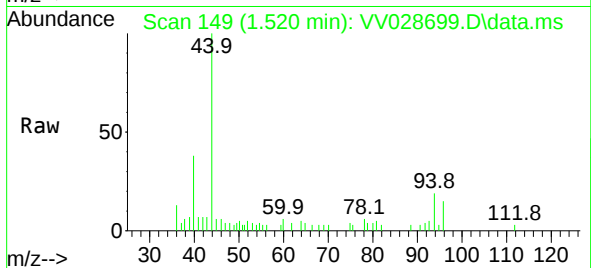
Tgt Ion: 50 Resp: 1840
 Ion Ratio Lower Upper
 50 100
 52 32.7 21.8 40.6



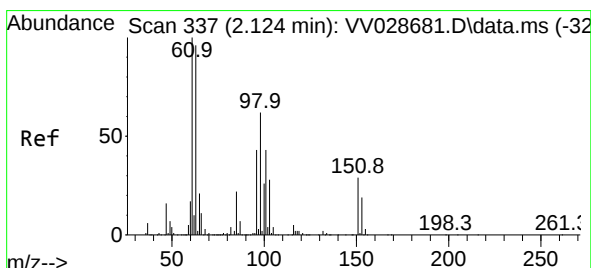
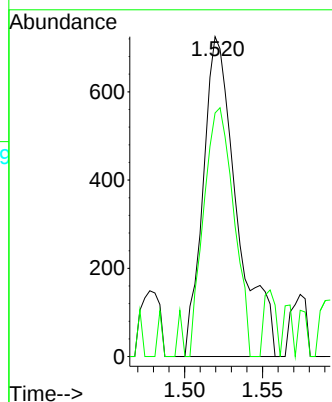
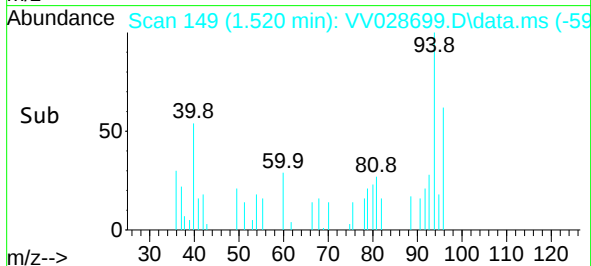


#6
Bromomethane
Concen: 0.204 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.010 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

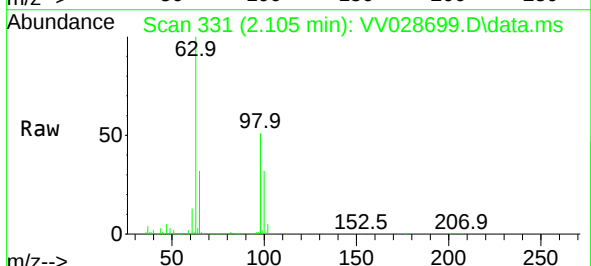
Instrument :
MSVOA_V
ClientSampleId :



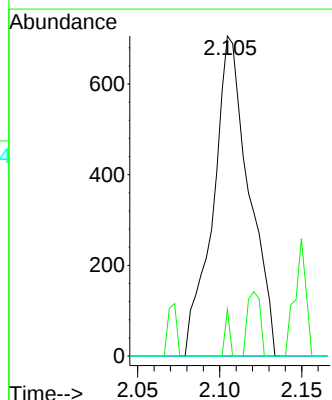
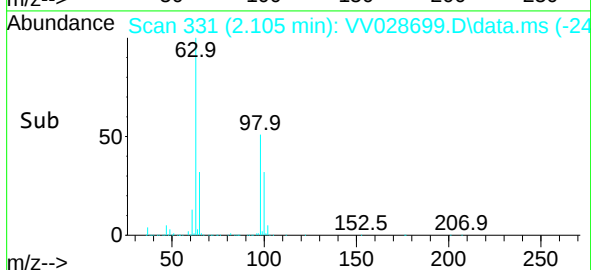
Tgt Ion: 94 Resp: 1097
Ion Ratio Lower Upper
94 100
96 76.1 64.3 119.3

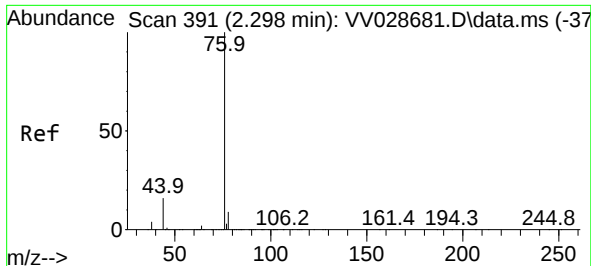


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.120 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.019 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12



Tgt Ion: 101 Resp: 1073
Ion Ratio Lower Upper
101 100
85 1.9 37.0 55.6#
151 0.0 50.2 75.2#

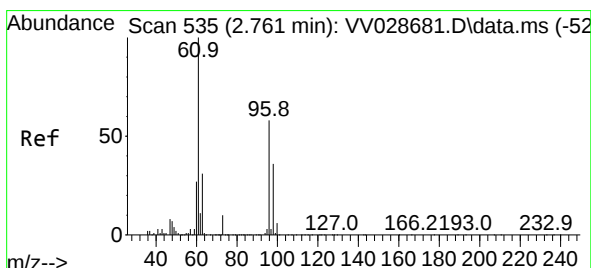
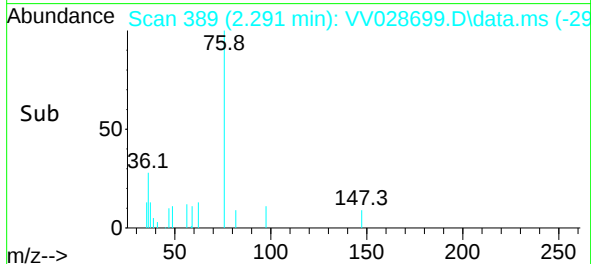
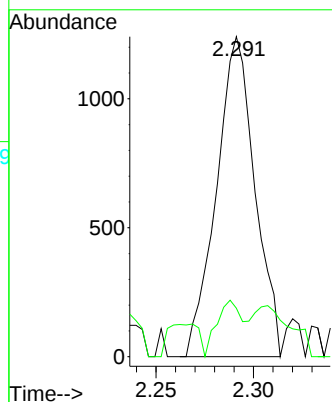
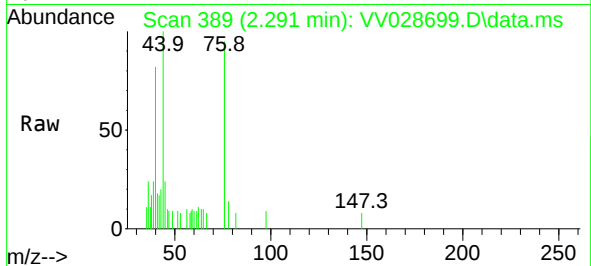




#14
Carbon disulfide
Concen: 0.093 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

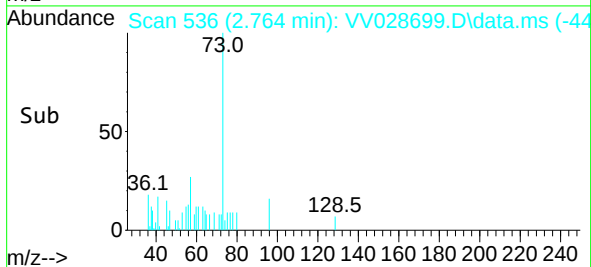
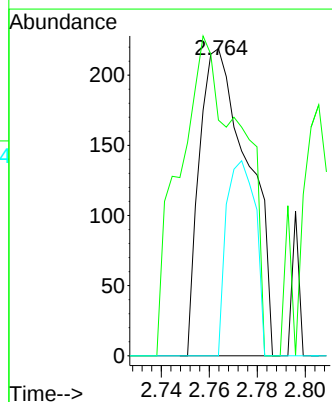
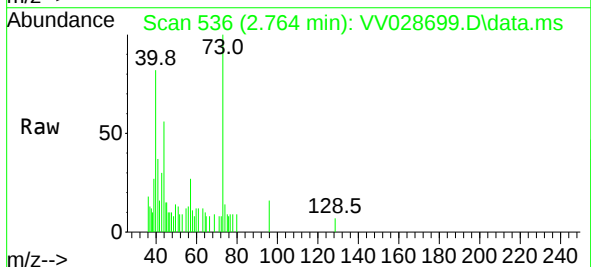
Instrument :
MSVOA_V
ClientSampleId :

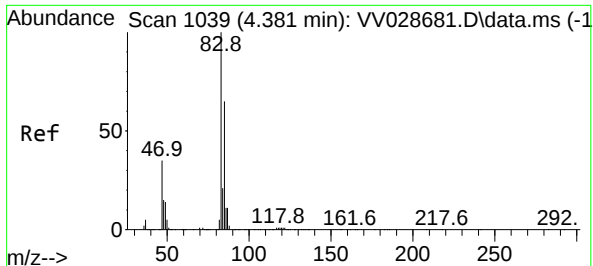
Tgt Ion: 76 Resp: 1704
Ion Ratio Lower Upper
76 100
78 15.1 7.1 10.7#



#18
trans-1,2-Dichloroethene
Concen: 0.039 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 76.7 114.3 212.3#
98 0.0 45.0 83.6#





#25

Chloroform

Concen: 0.392 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028699.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_V

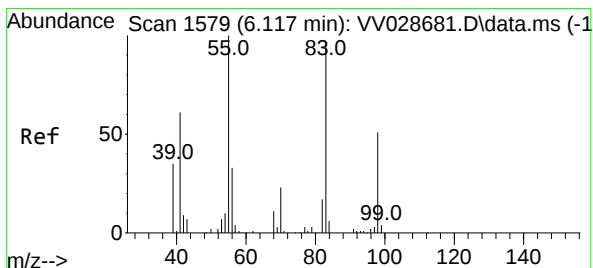
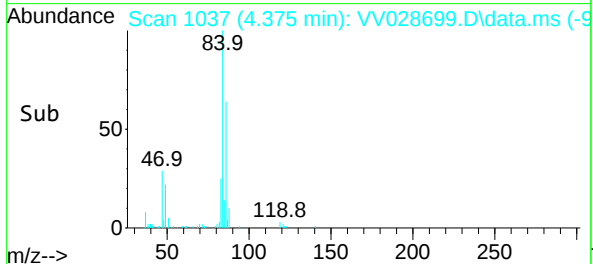
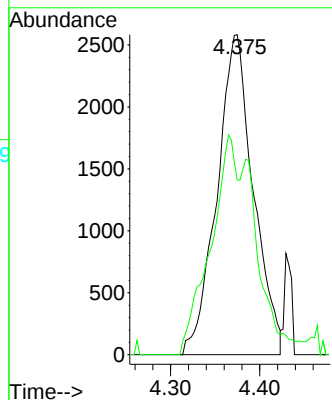
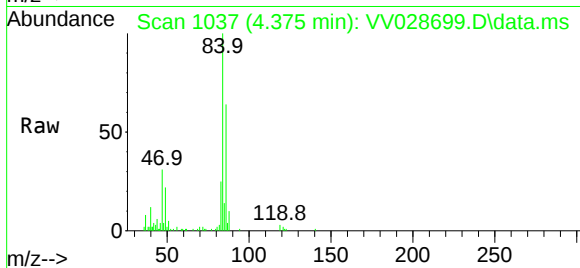
ClientSampleId :

Tgt Ion: 83 Resp: 7325

Ion Ratio Lower Upper

83 100

85 54.6 44.1 81.9



#35

Methylcyclohexane

Concen: 1.197 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.051 min

Lab File: VV028699.D

Acq: 26 Oct 2022 17:12

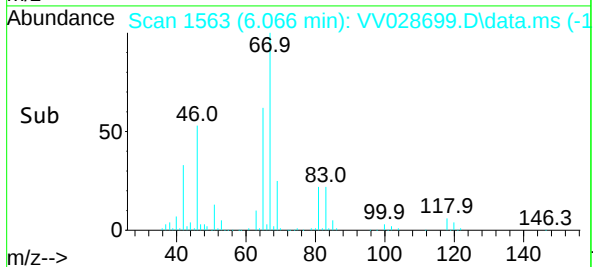
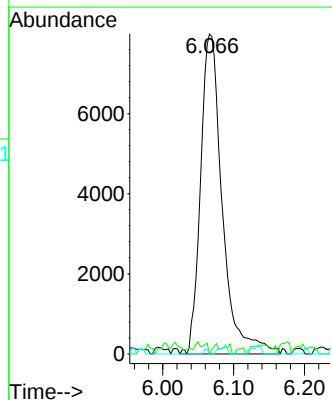
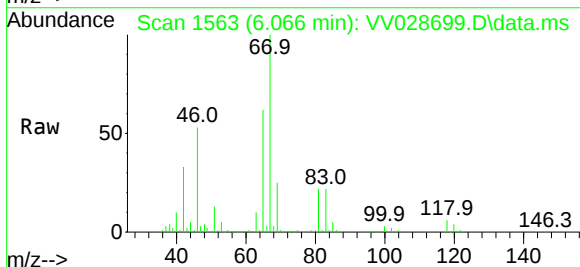
Tgt Ion: 83 Resp: 16972

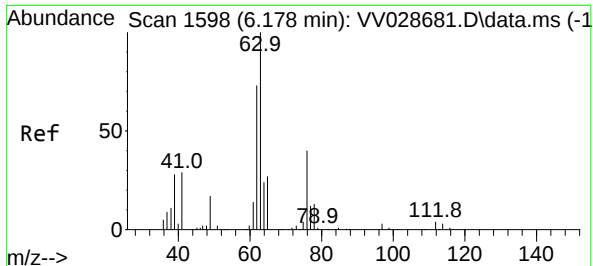
Ion Ratio Lower Upper

83 100

55 0.9 70.0 105.0#

98 0.3 35.6 53.4#





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV028699.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_V

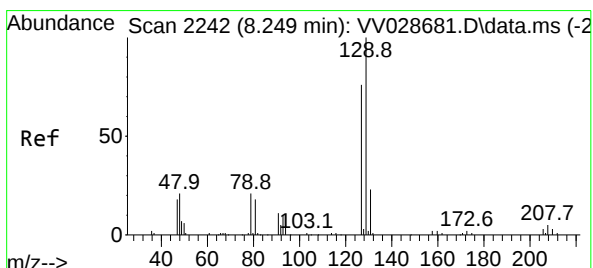
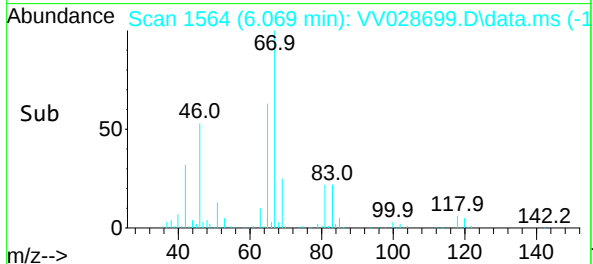
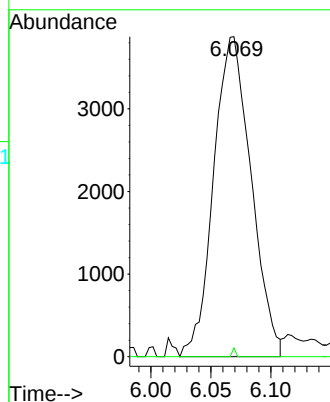
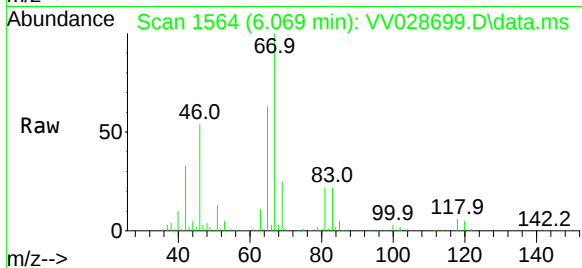
ClientSampleId :

Tgt Ion: 63 Resp: 8439

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#49

Dibromochloromethane

Concen: 0.030 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV028699.D

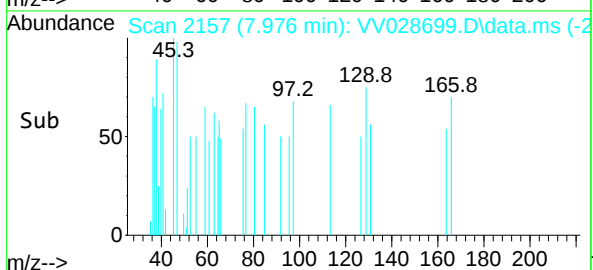
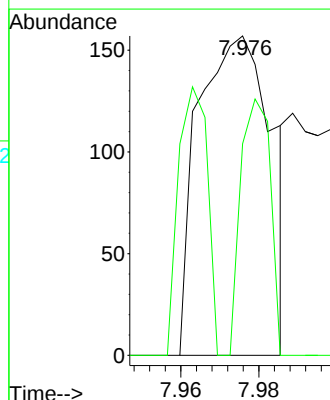
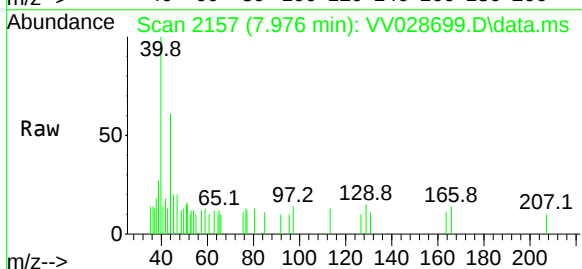
Acq: 26 Oct 2022 17:12

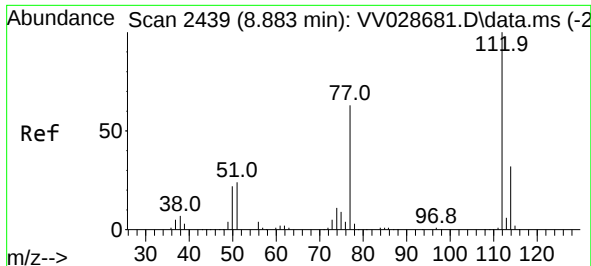
Tgt Ion: 129 Resp: 205

Ion Ratio Lower Upper

129 100

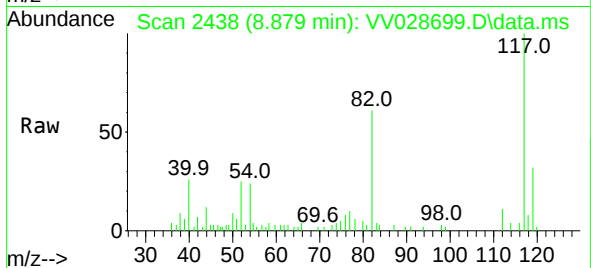
127 66.2 51.6 95.8



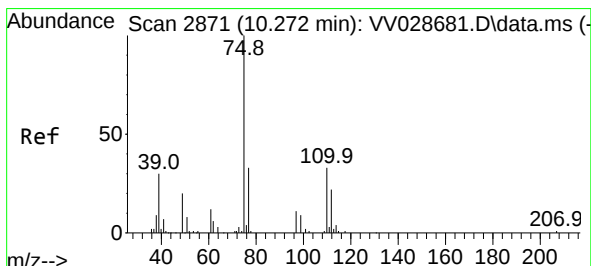
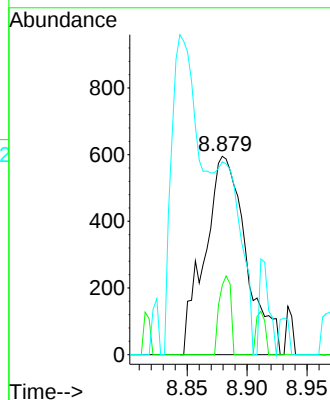
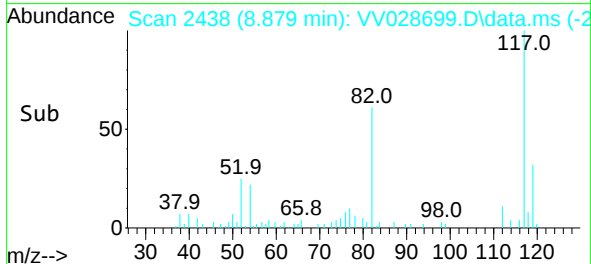


#51
Chlorobenzene
Concen: 0.058 ug/L
RT: 8.879 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

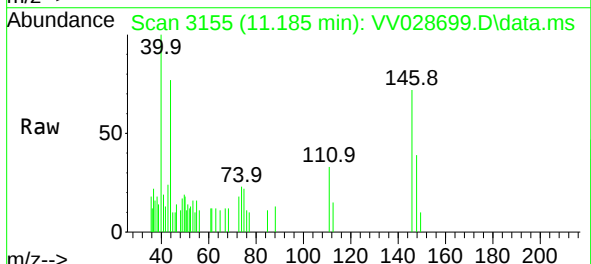
Instrument :
MSVOA_V
ClientSampleId :



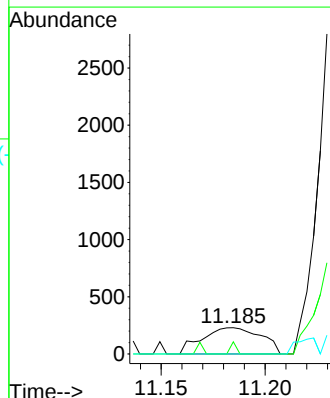
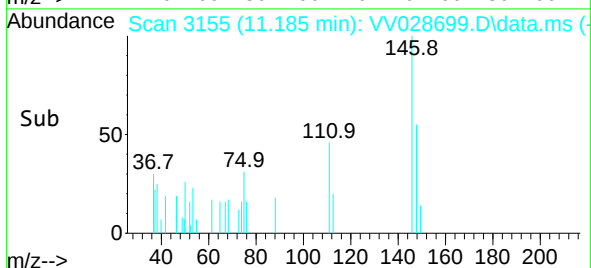
Tgt Ion:112 Resp: 1431
Ion Ratio Lower Upper
112 100
114 35.0 22.0 41.0
77 97.3 50.0 75.0#

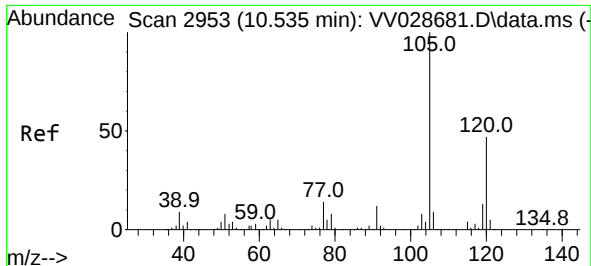


#61
1,2,3-Trichloropropane
Concen: 0.094 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.913 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12



Tgt Ion: 75 Resp: 455
Ion Ratio Lower Upper
75 100
77 25.1 25.2 37.8#
110 20.2 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.099 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.383 min

Lab File: VV028699.D

Acq: 26 Oct 2022 17:12

Instrument :

MSVOA_V

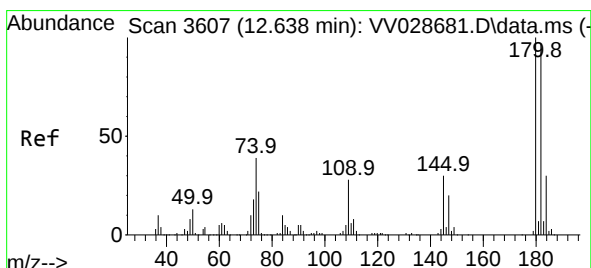
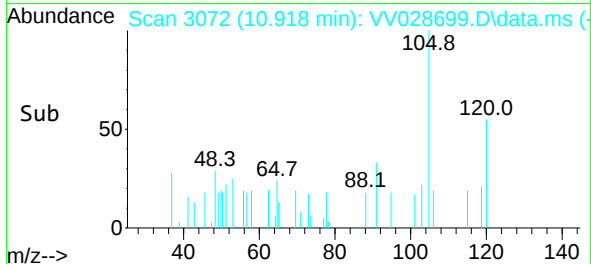
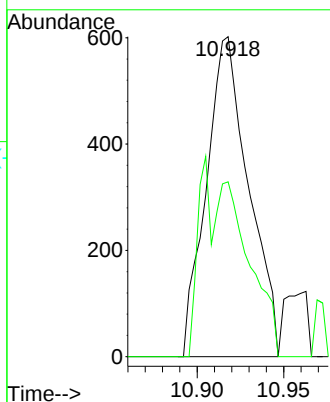
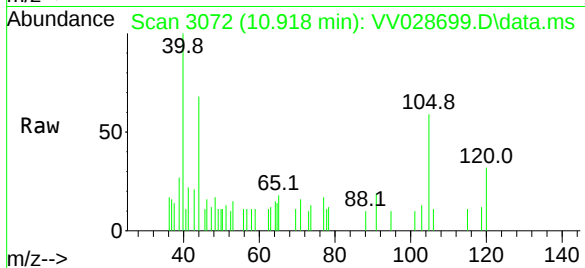
ClientSampleId :

Tgt Ion:105 Resp: 1025

Ion Ratio Lower Upper

105 100

120 43.7 38.3 57.5



#69

1,3,5-Trichlorobenzene

Concen: 0.096 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV028699.D

Acq: 26 Oct 2022 17:12

Tgt Ion:180 Resp: 1108

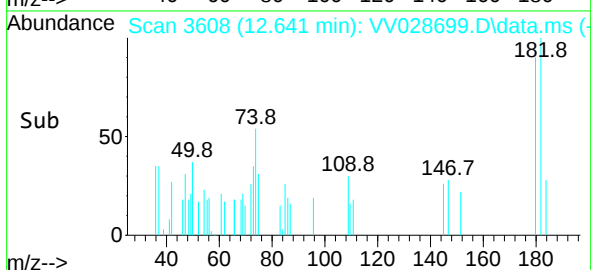
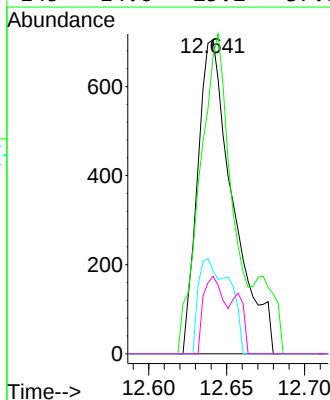
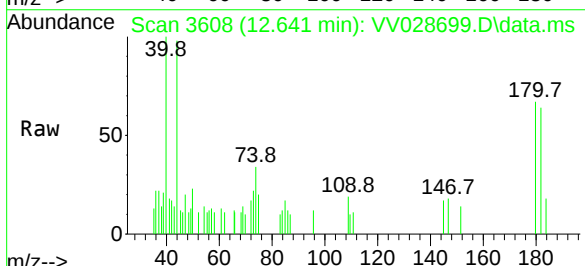
Ion Ratio Lower Upper

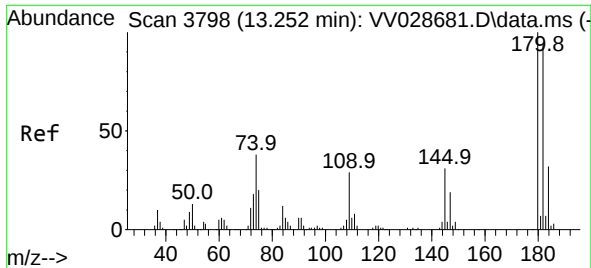
180 100

182 90.4 76.6 114.8

184 26.5 24.3 36.5

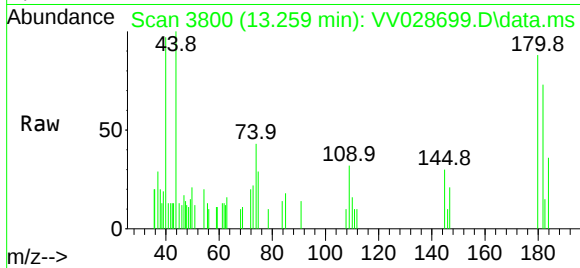
145 14.6 25.2 37.8#



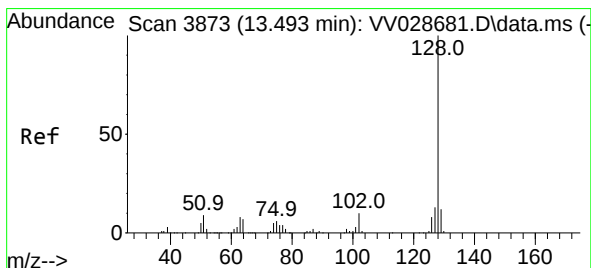
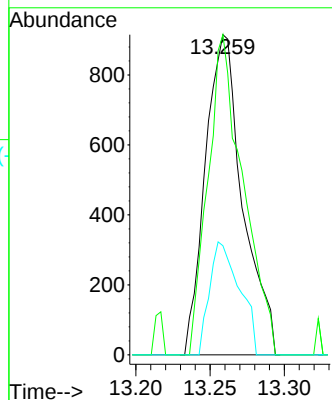
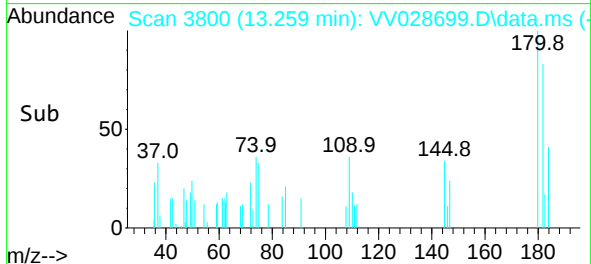


#70
1,2,4-trichlorobenzene
Concen: 0.181 ug/L
RT: 13.259 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

Instrument :
MSVOA_V
ClientSampleId :

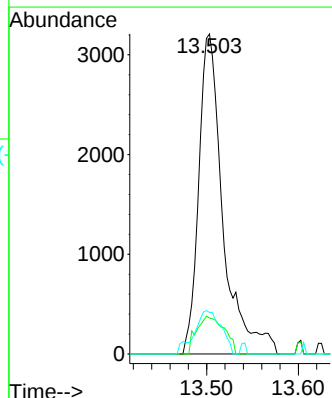
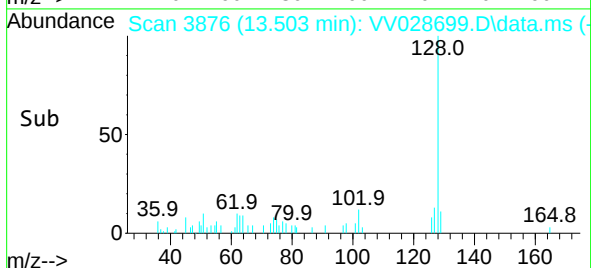
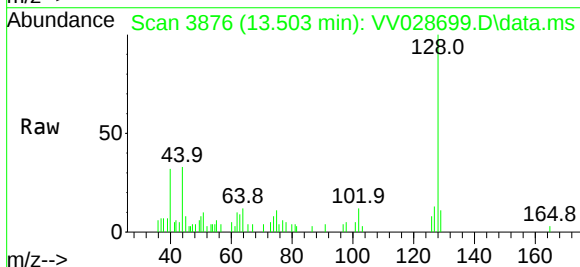


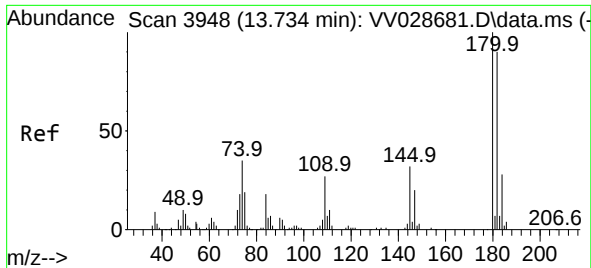
Tgt Ion:180 Resp: 1601
Ion Ratio Lower Upper
180 100
182 94.2 74.7 112.1
145 28.2 25.5 38.3



#71
Naphthalene
Concen: 0.390 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028699.D
Acq: 26 Oct 2022 17:12

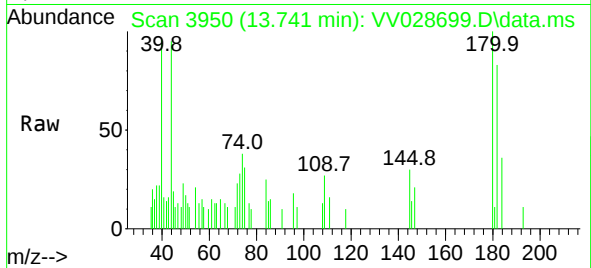
Tgt Ion:128 Resp: 5903
Ion Ratio Lower Upper
128 100
129 13.4 8.9 13.3#
127 15.0 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.240 ug/L
 RT: 13.741 min Scan# 3948
 Delta R.T. 0.006 min
 Lab File: VV028699.D
 Acq: 26 Oct 2022 17:12

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1876
Ion Ratio	Lower	Upper	
180	100		
182	83.1	73.4	110.0
145	35.9	26.3	39.5

