

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034068.D
 Acq On : 08 Feb 2024 18:57
 Operator : SY/MD
 Sample : P1400-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:45:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.519	114	101523	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.786	117	92712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	45273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8834	1.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	22.400%#
7) Chloroethane-d5	1.507	69	3318	0.482	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	9.600%#
11) 1,1-Dichloroethene-d2	2.095	65	191	0.050	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1.000%#
20) 2-Butanone-d5	3.912	46	6577	4.981	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	9.960%#
24) Chloroform-d	4.240	84	53094	3.716	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	4.941	65	26177	3.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	4.931	84	112960	4.061	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.982	67	32214	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.240	98	102809	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.564	79	11722	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.066	63	42188	40.252	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	16837	3.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	33247	4.038	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	7593	0.748	ug/L	98
6) Bromomethane	1.468	94	1657	0.324	ug/L	97
15) Methyl Acetate	2.375	43	1517	0.640	ug/L #	67
25) Chloroform	4.269	83	15585	1.162	ug/L	98
35) Methylcyclohexane	5.982	83	8111	0.642	ug/L #	18
37) 1,2-Dichloropropane	5.986	63	3938	0.585	ug/L #	87
42) Toluene	7.326	91	5543	0.187	ug/L	100
44) trans-1,3-Dichloropropene	7.516	75	65580	8.334	ug/L #	43
47) Tetrachloroethene	7.902	164	2588	0.396	ug/L	97
49) Dibromochloromethane	7.902	129	2277	0.461	ug/L #	11
51) Chlorobenzene	8.821	112	5195	0.276	ug/L	97
52) Ethylbenzene	8.957	91	5248	0.153	ug/L	96
53) m,p-Xylene	9.079	106	6147	0.476	ug/L	91
54) o-Xylene	9.484	106	6785	0.544	ug/L	98
60) Isopropylbenzene	9.876	105	4201	0.125	ug/L	97
61) 1,2,3-Trichloropropane	10.323	75	717	0.230	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	12.198	75	1964	3.011	ug/L #	8

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration

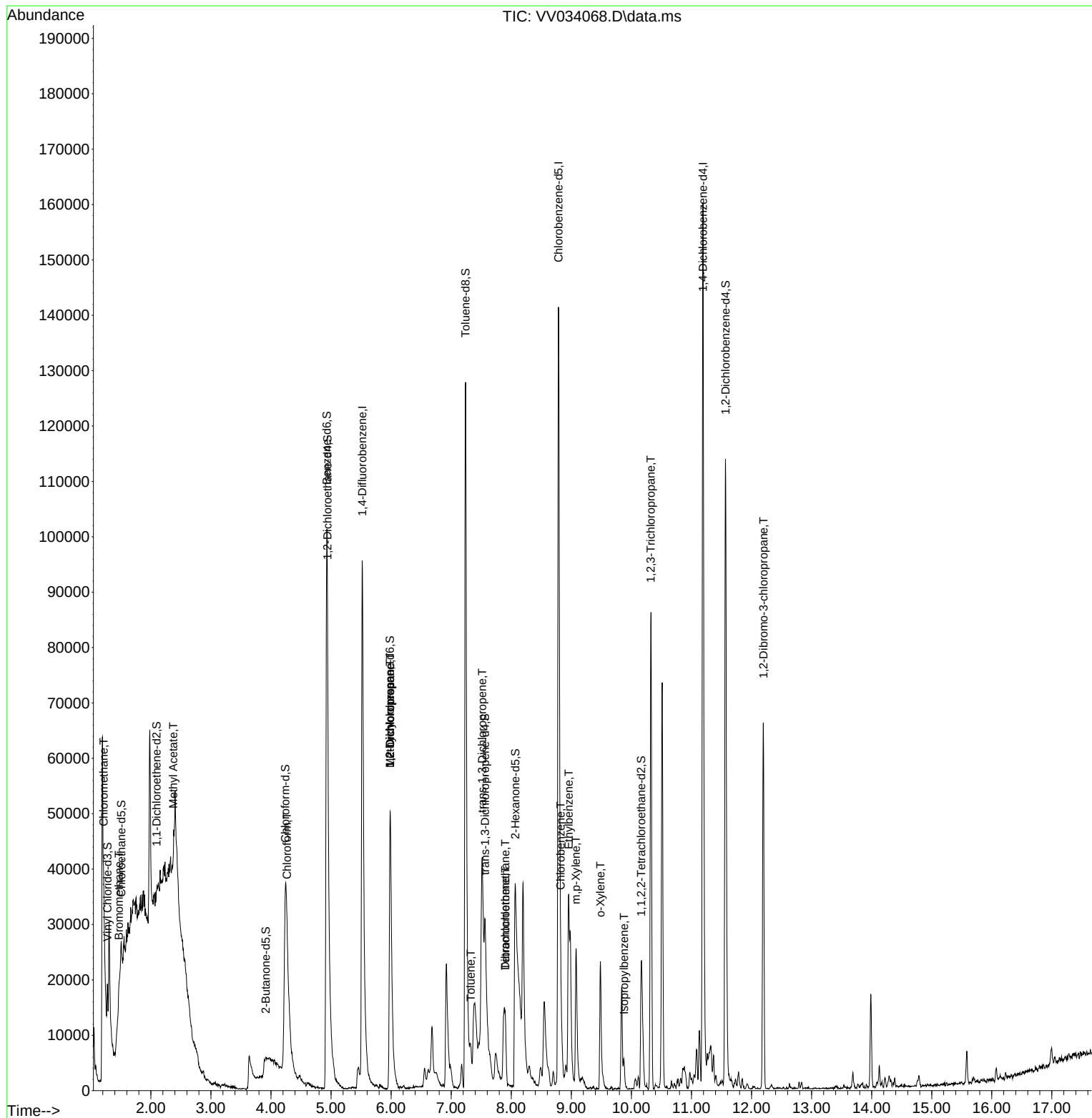
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

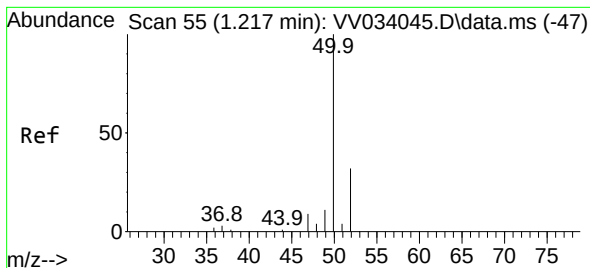
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.748 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.003 min

Lab File: VV034068.D

Acq: 08 Feb 2024 18:57

Instrument :

MSVOA_V

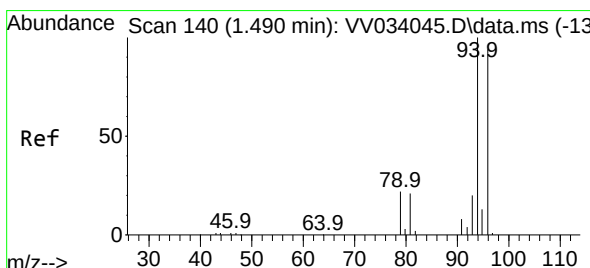
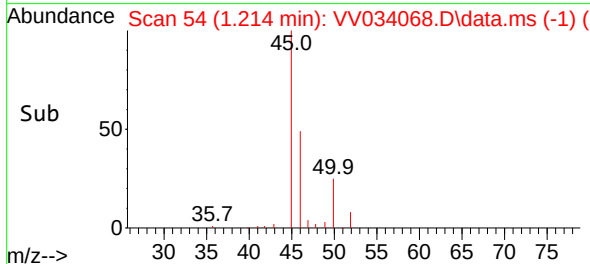
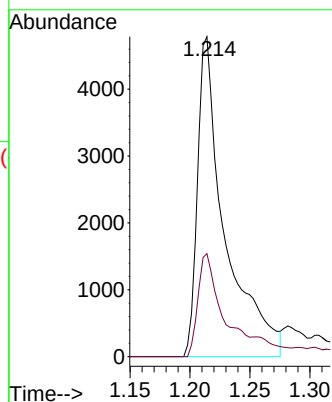
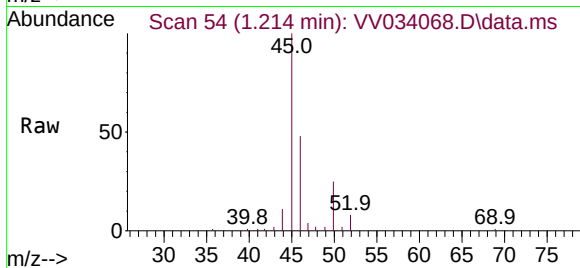
ClientSampleId :

Tgt Ion: 50 Resp: 7593

Ion Ratio Lower Upper

50 100

52 32.2 23.4 43.4



#6

Bromomethane

Concen: 0.324 ug/L

RT: 1.468 min Scan# 133

Delta R.T. -0.022 min

Lab File: VV034068.D

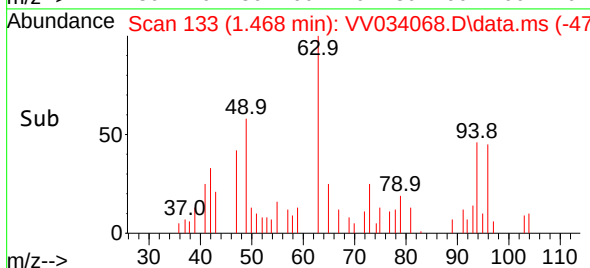
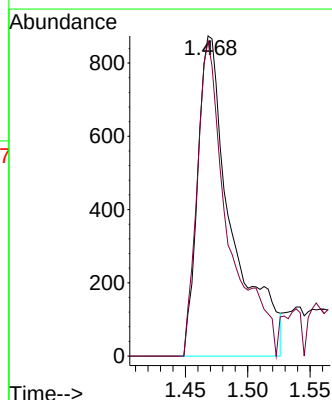
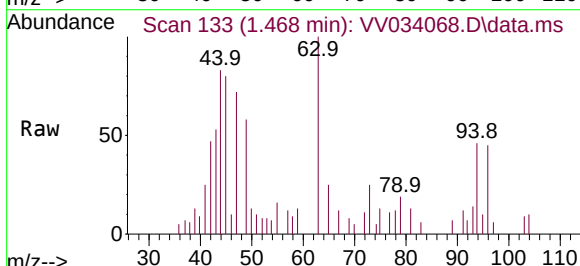
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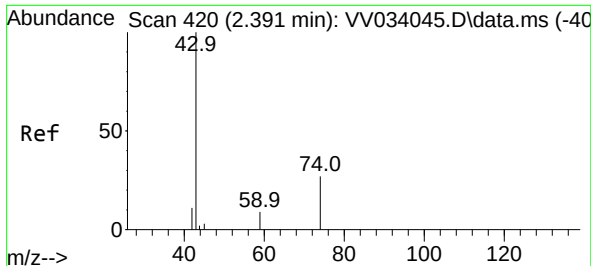
Tgt Ion: 94 Resp: 1657

Ion Ratio Lower Upper

94 100

96 98.3 66.6 123.8

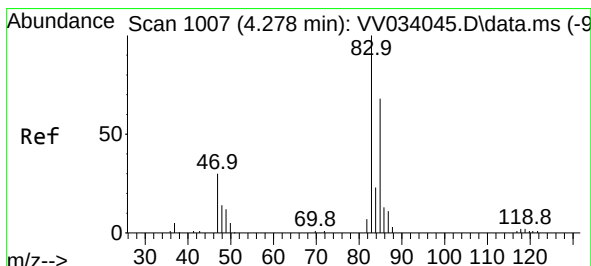
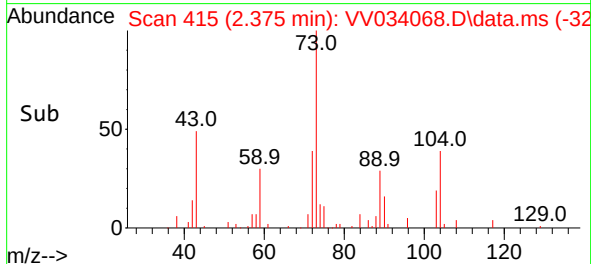
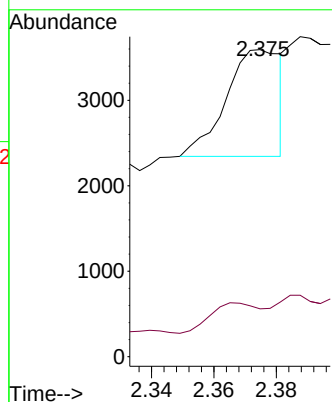
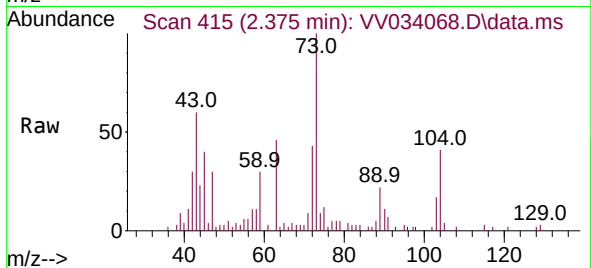




#15
Methyl Acetate
Concen: 0.640 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.016 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

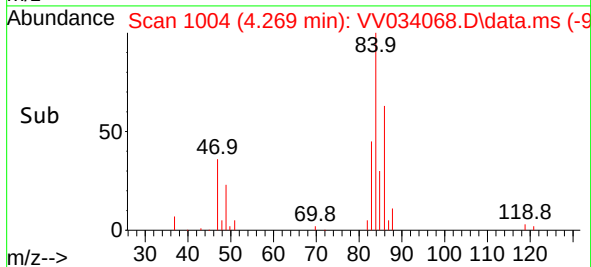
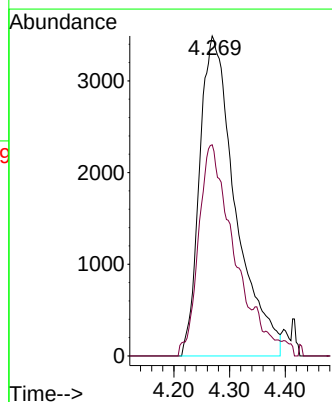
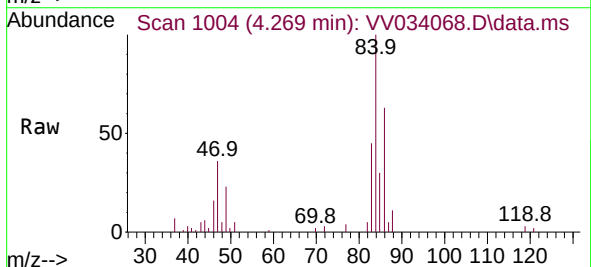
Instrument :
MSVOA_V
ClientSampleId :

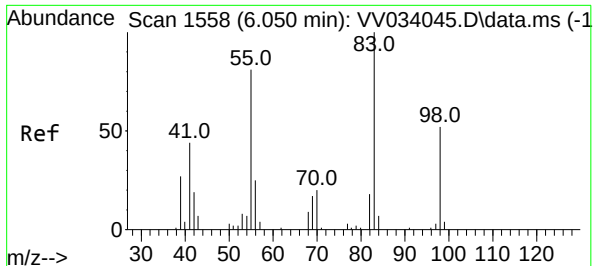
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
74 7.1 18.2 27.4#



#25
Chloroform
Concen: 1.162 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.010 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Tgt Ion: 83 Resp: 15585
Ion Ratio Lower Upper
83 100
85 66.0 47.5 88.1

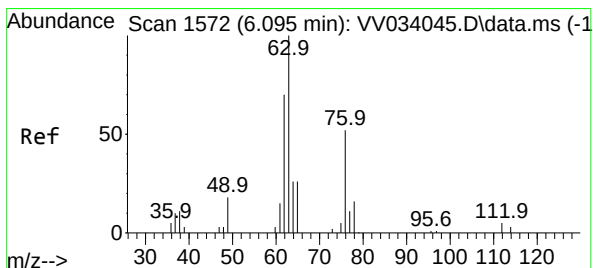
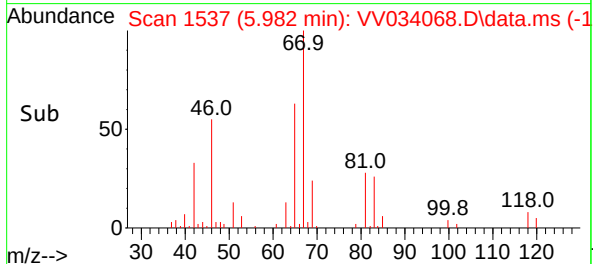
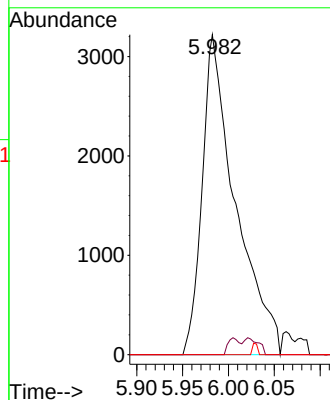
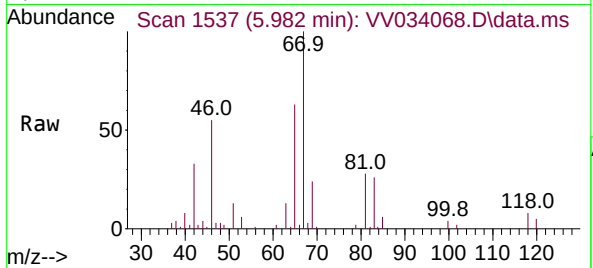




#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.067 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

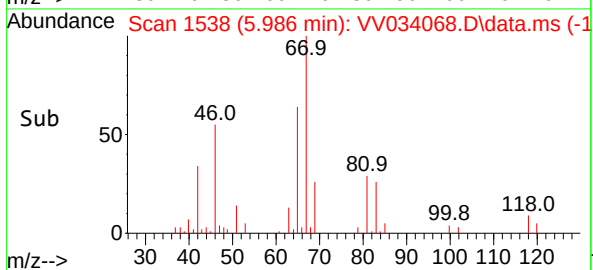
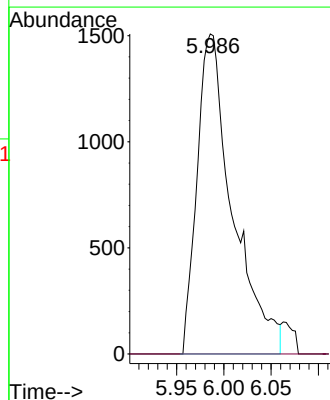
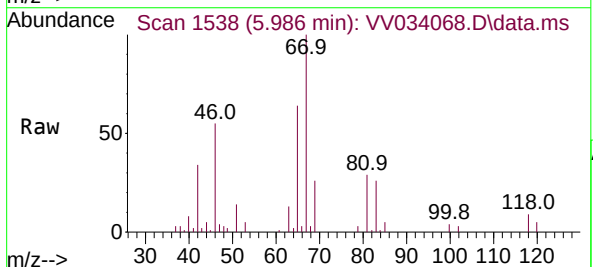
Instrument :
MSVOA_V
ClientSampleId :

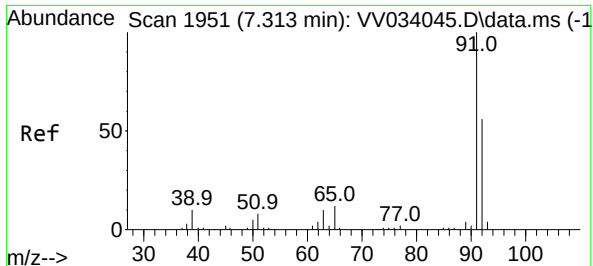
Tgt Ion: 83 Resp: 8111
Ion Ratio Lower Upper
83 100
55 1.9 63.5 95.3#
98 0.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.109 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Tgt Ion: 63 Resp: 3938
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

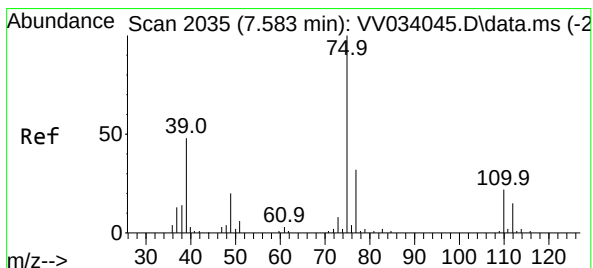
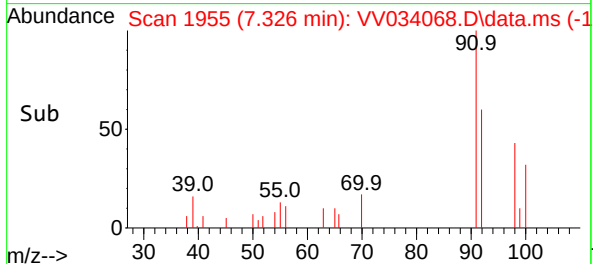
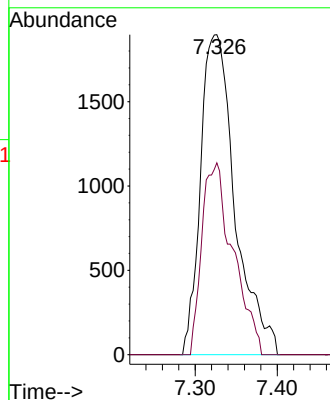
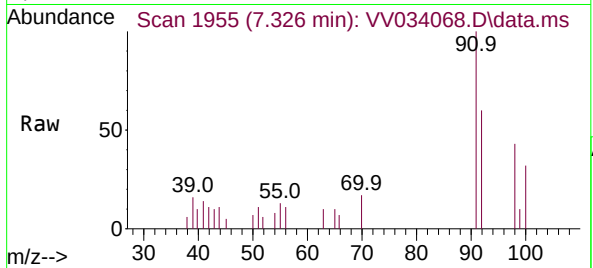




#42
Toluene
Concen: 0.187 ug/L
RT: 7.326 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

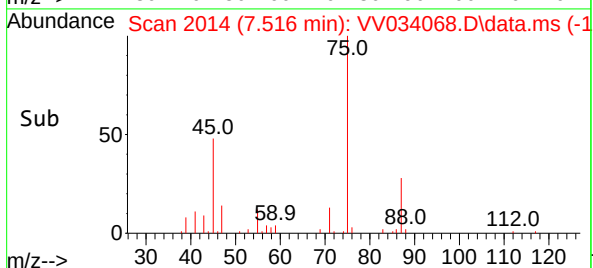
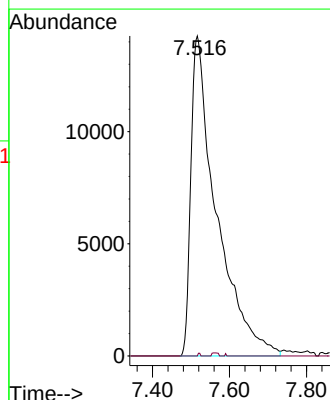
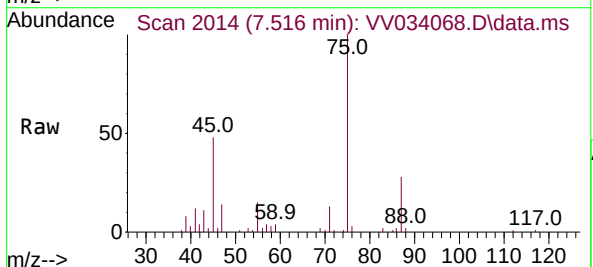
Instrument :
MSVOA_V
ClientSampleId :

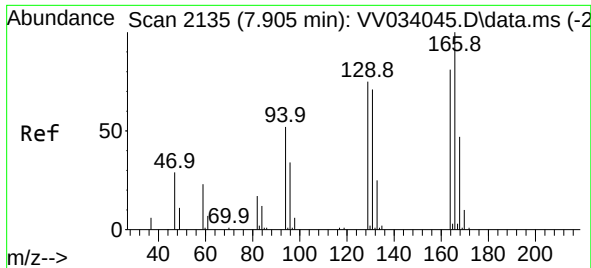
Tgt Ion: 91 Resp: 5543
Ion Ratio Lower Upper
91 100
92 59.9 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 8.334 ug/L
RT: 7.516 min Scan# 2014
Delta R.T. -0.067 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

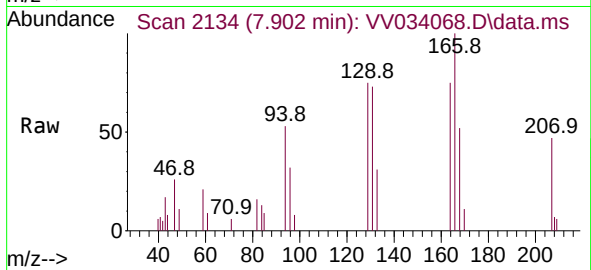
Tgt Ion: 75 Resp: 65580
Ion Ratio Lower Upper
75 100
77 0.0 22.2 41.2#



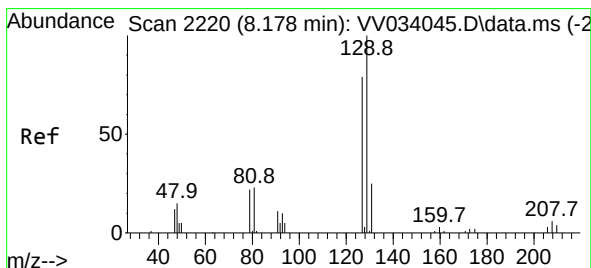
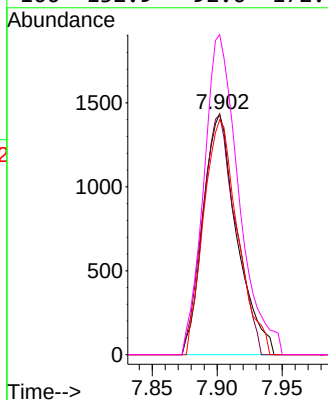
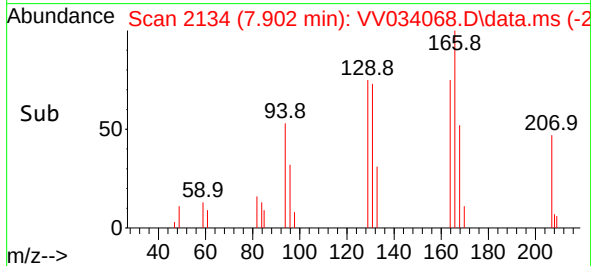


#47
Tetrachloroethene
Concen: 0.396 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :

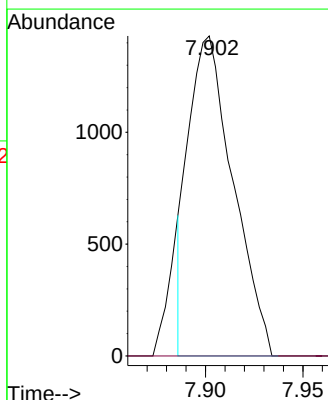
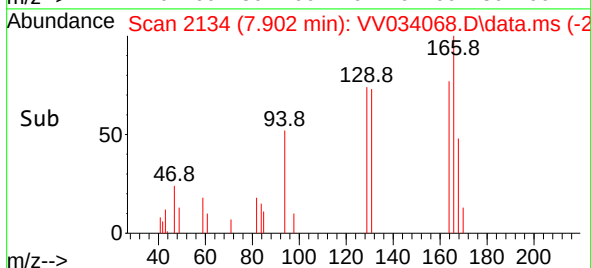
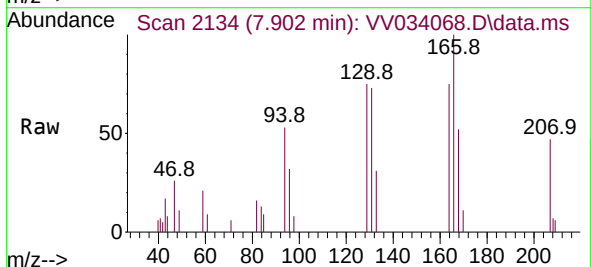


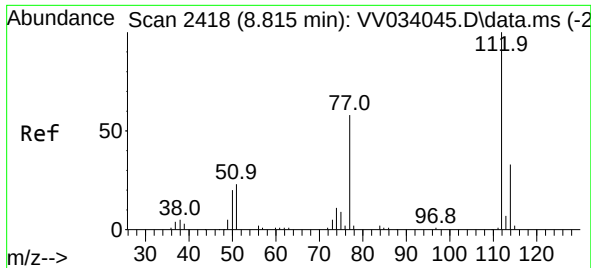
Tgt Ion:164 Resp: 2588
Ion Ratio Lower Upper
164 100
129 99.8 67.8 125.8
131 97.5 63.0 117.0
166 132.9 92.6 172.0



#49
Dibromochloromethane
Concen: 0.461 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.276 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Tgt Ion:129 Resp: 2277
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

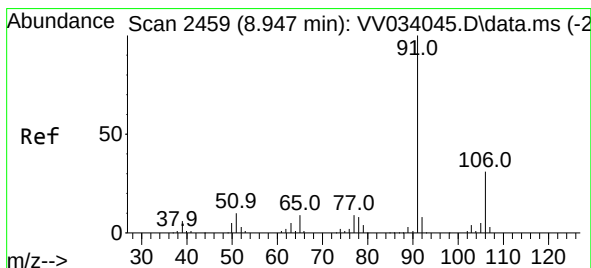
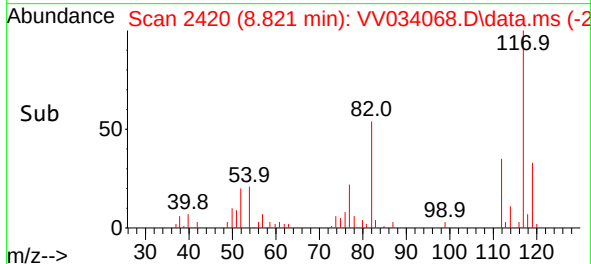
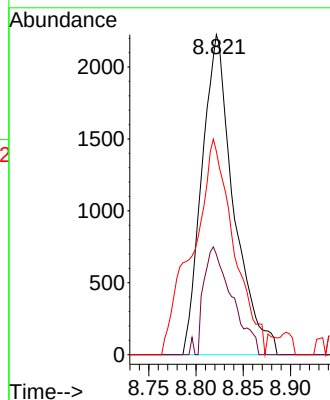
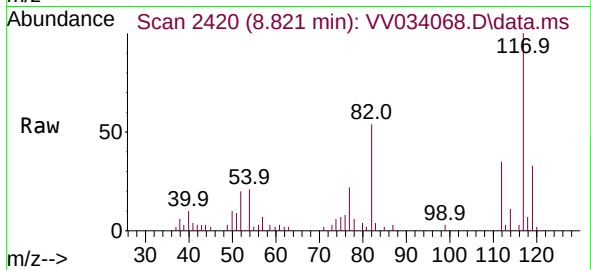




#51
Chlorobenzene
Concen: 0.276 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

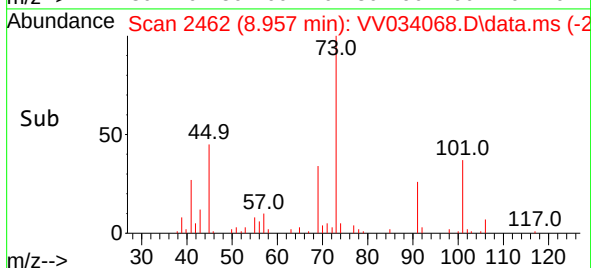
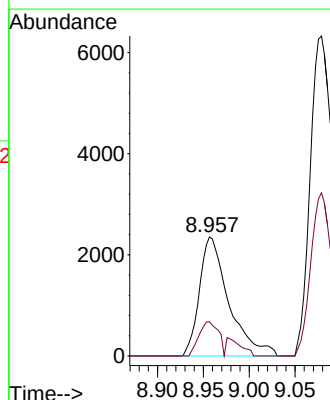
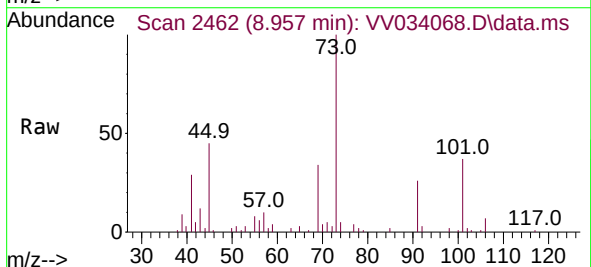
Instrument :
MSVOA_V
ClientSampleId :

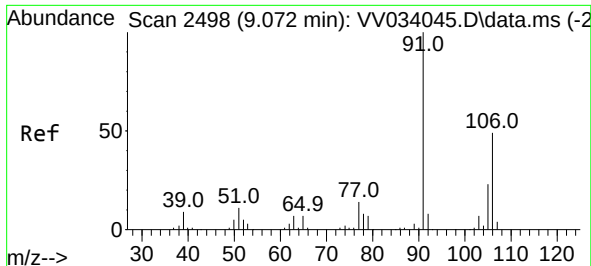
Tgt Ion:112 Resp: 5195
Ion Ratio Lower Upper
112 100
114 28.9 22.5 41.7
77 58.7 48.1 72.1



#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Tgt Ion: 91 Resp: 5248
Ion Ratio Lower Upper
91 100
106 28.6 21.4 39.8





#53

m,p-Xylene

Concen: 0.476 ug/L

RT: 9.079 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV034068.D

Acq: 08 Feb 2024 18:57

Instrument :

MSVOA_V

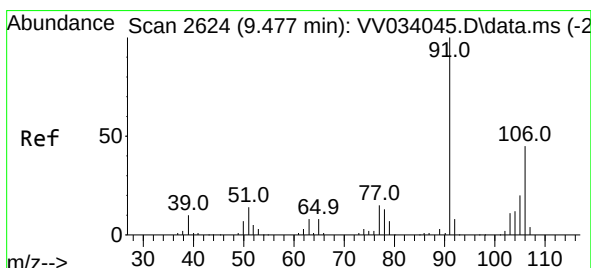
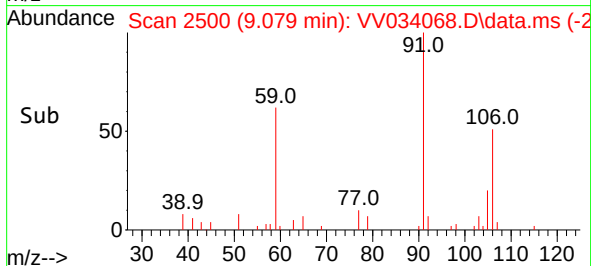
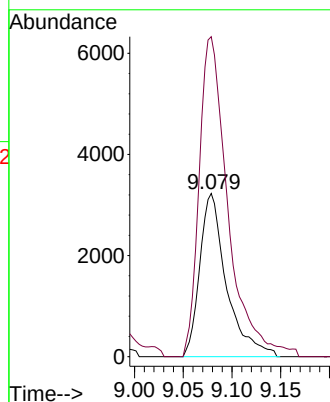
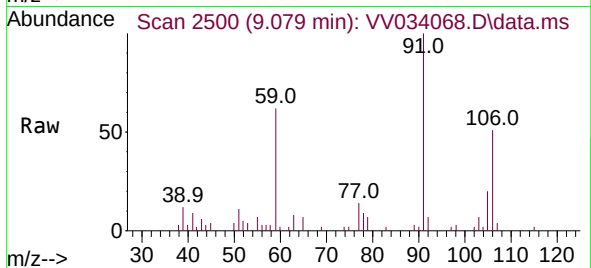
ClientSampleId :

Tgt Ion:106 Resp: 6147

Ion Ratio Lower Upper

106 100

91 196.1 147.5 273.9



#54

o-Xylene

Concen: 0.544 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.007 min

Lab File: VV034068.D

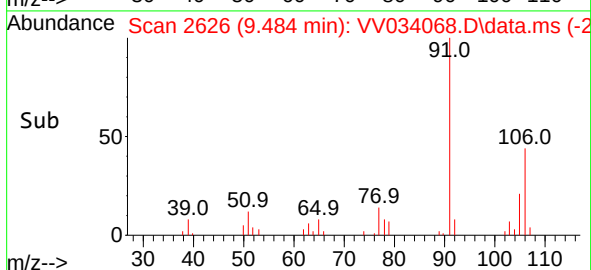
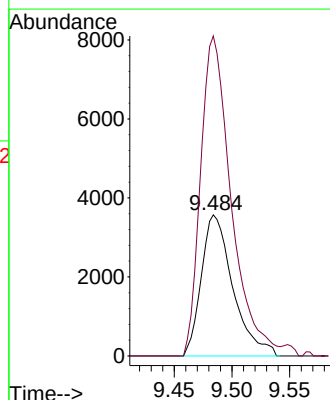
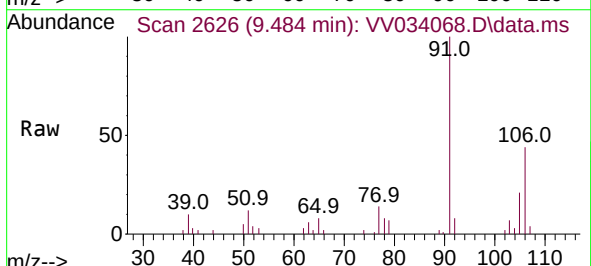
Acq: 08 Feb 2024 18:57

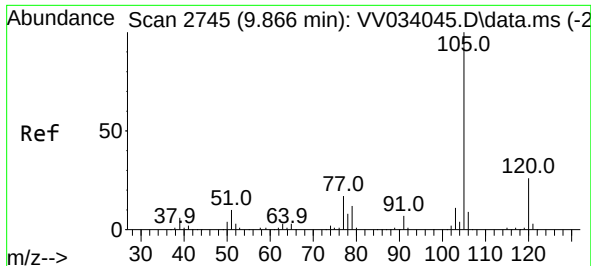
Tgt Ion:106 Resp: 6785

Ion Ratio Lower Upper

106 100

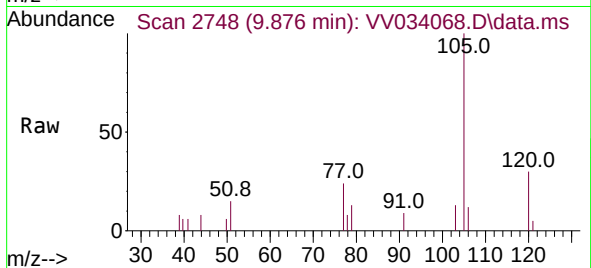
91 226.8 156.2 290.0



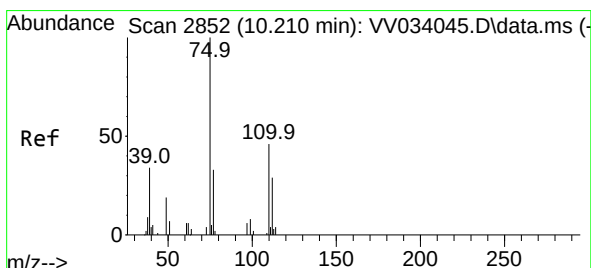
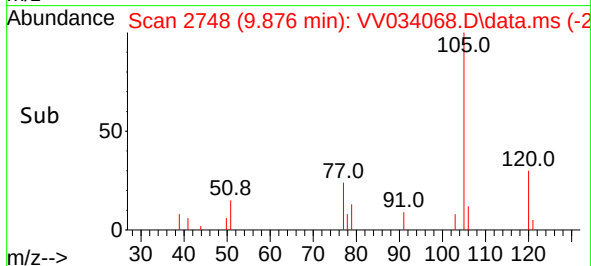
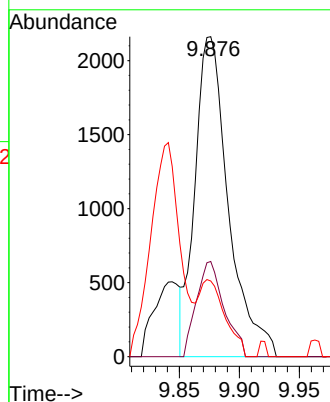


#60
Isopropylbenzene
Concen: 0.125 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :

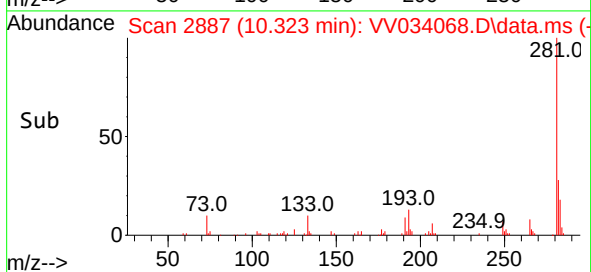
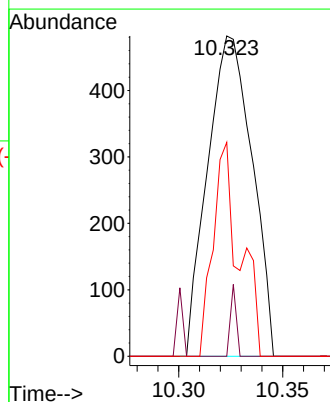
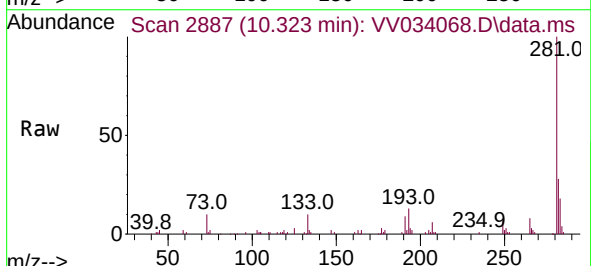


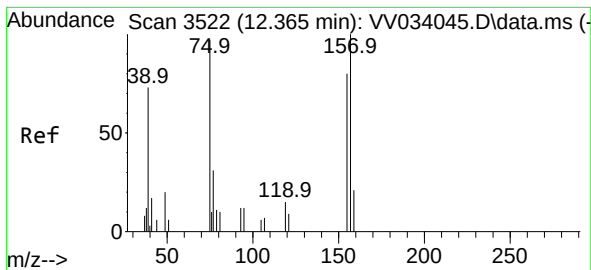
Tgt Ion:105 Resp: 4201
Ion Ratio Lower Upper
105 100
120 24.7 20.7 31.1
77 18.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.230 ug/L
RT: 10.323 min Scan# 2887
Delta R.T. 0.113 min
Lab File: VV034068.D
Acq: 08 Feb 2024 18:57

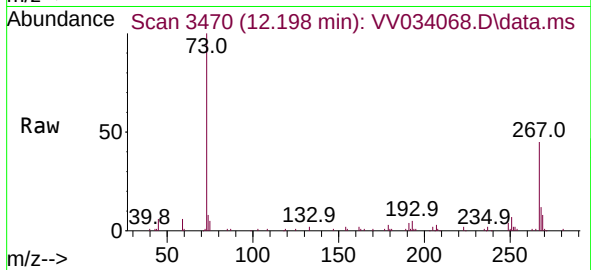
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 1022.2 26.9 40.3#
110 39.5 33.3 49.9





#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.011 ug/L
 RT: 12.198 min Scan# 34
 Delta R.T. -0.167 min
 Lab File: VV034068.D
 Acq: 08 Feb 2024 18:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 1964
 Ion Ratio Lower Upper
 75 100
 155 13.3 68.9 103.3#
 157 0.0 84.6 127.0#

