

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034066.D
 Acq On : 08 Feb 2024 18:08
 Operator : SY/MD
 Sample : P1400-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:45:02 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	5.526	114	96098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7592	1.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	20.400%#
7) Chloroethane-d5	1.513	69	4292	0.658	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	13.200%#
11) 1,1-Dichloroethene-d2	1.999	65	7215	2.010	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.200%#
20) 2-Butanone-d5	3.982	46	728	0.582	ug/L	0.16
Spiked Amount	50.000	Range	40 - 130	Recovery	=	1.160%#
24) Chloroform-d	4.240	84	52412	3.875	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	4.944	65	26466	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	4.941	84	106027	3.977	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.986	67	29746	3.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.243	98	93971	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.564	79	10845	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.063	63	42458	42.264	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.520%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	17049	3.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	32403	3.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	5194	0.541	ug/L	99
6) Bromomethane	1.474	94	1646	0.341	ug/L	98
15) Methyl Acetate	2.375	43	6185	2.756	ug/L	96
21) 2-Butanone	4.044	43	3421	2.730	ug/L	90
35) Methylcyclohexane	5.989	83	8390	0.693	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3860	0.598	ug/L #	87
42) Toluene	7.320	91	11512	0.404	ug/L	97
44) trans-1,3-Dichloropropene	7.513	75	32596	4.321	ug/L #	45
51) Chlorobenzene	8.821	112	4252	0.236	ug/L	91
52) Ethylbenzene	8.957	91	8761	0.267	ug/L	96
53) m,p-Xylene	9.079	106	6531	0.527	ug/L	96
54) o-Xylene	9.484	106	6605	0.553	ug/L	94
55) Styrene	9.506	104	12671	0.662	ug/L	95
60) Isopropylbenzene	9.873	105	6160	0.187	ug/L #	81
61) 1,2,3-Trichloropropane	10.326	75	1741	0.568	ug/L #	80
62) 1,3,5-Trimethylbenzene	10.860	105	3727	0.134	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	3727	0.137	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.194	75	4378	6.814	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration

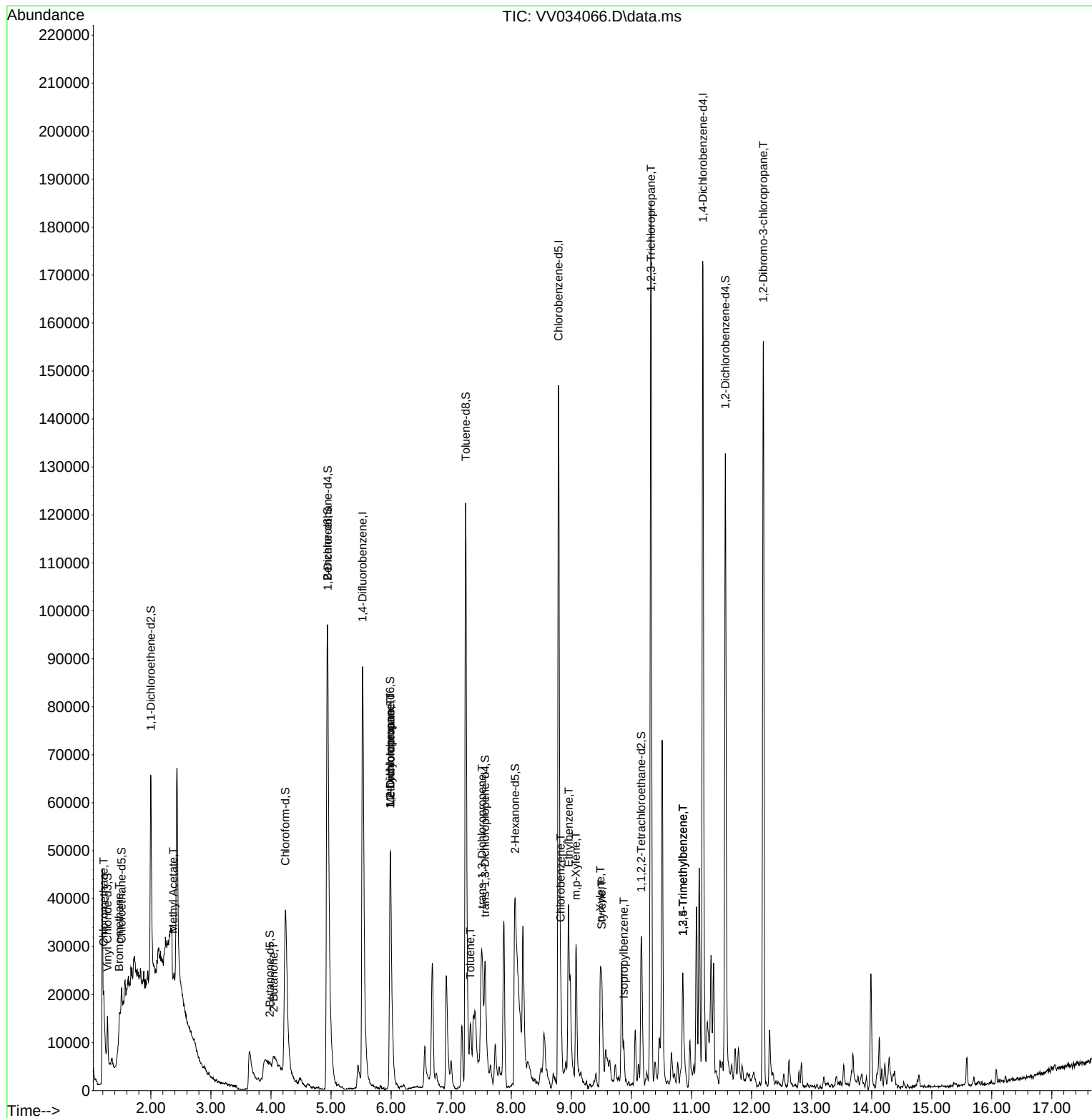
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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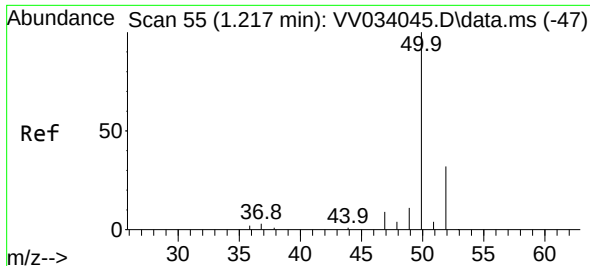
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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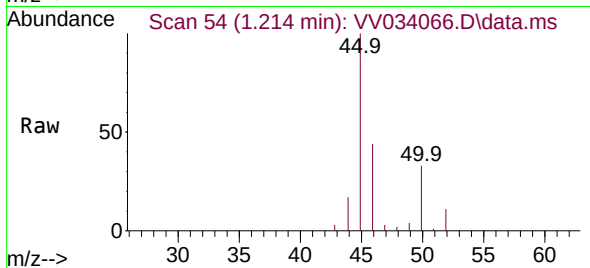
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration



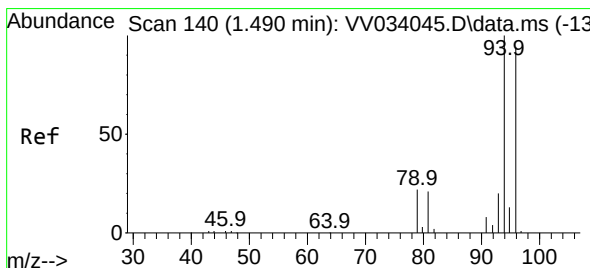
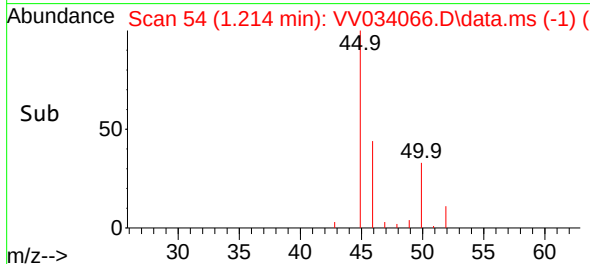
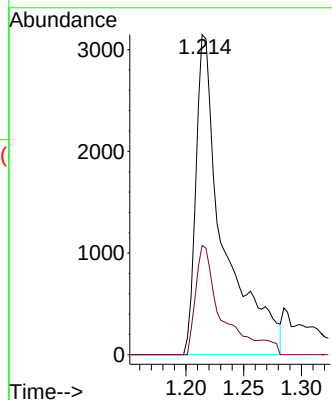


#3
Chloromethane
Concen: 0.541 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :

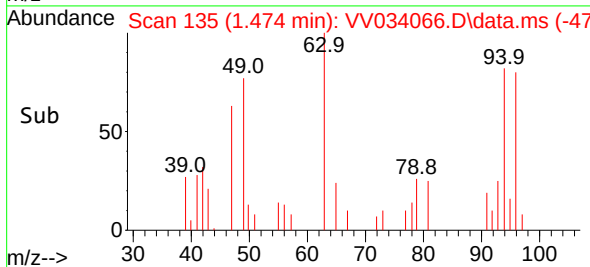
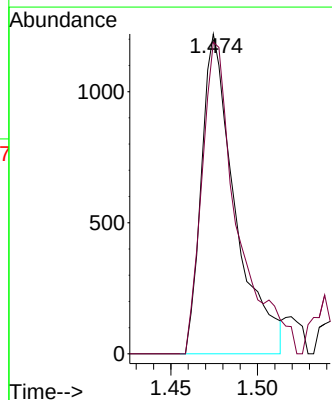
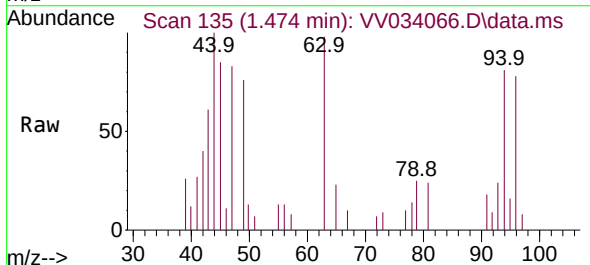


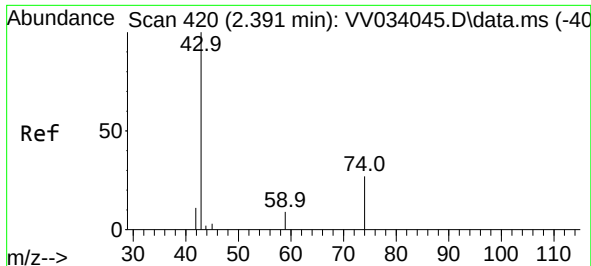
Tgt Ion: 50 Resp: 5194
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.4



#6
Bromomethane
Concen: 0.341 ug/L
RT: 1.474 min Scan# 135
Delta R.T. -0.016 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion: 94 Resp: 1646
Ion Ratio Lower Upper
94 100
96 97.4 66.6 123.8

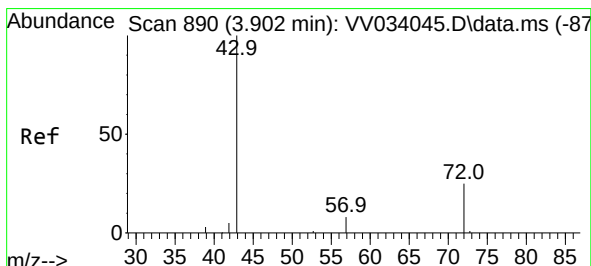
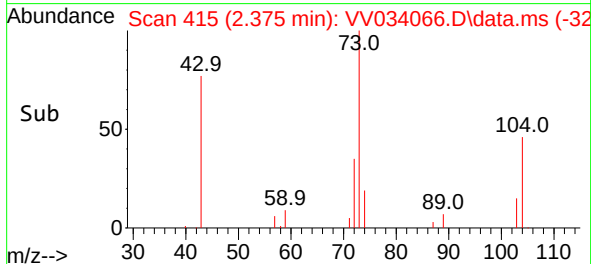
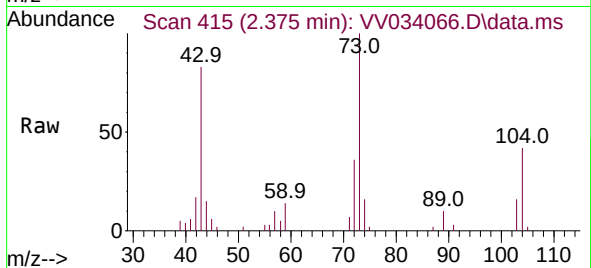




#15
Methyl Acetate
Concen: 2.756 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.016 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

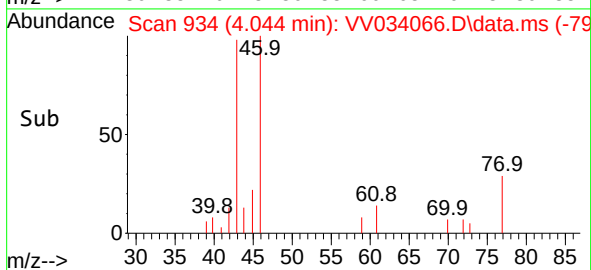
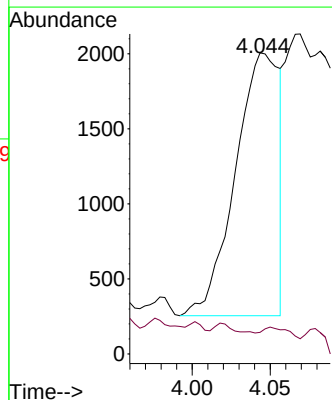
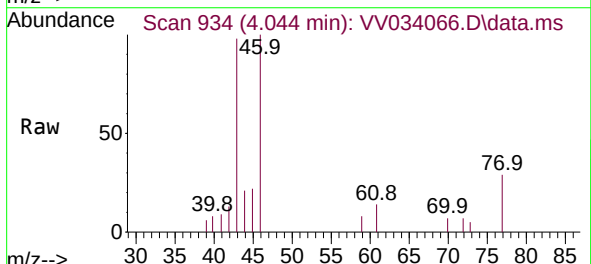
Instrument :
MSVOA_V
ClientSampleId :

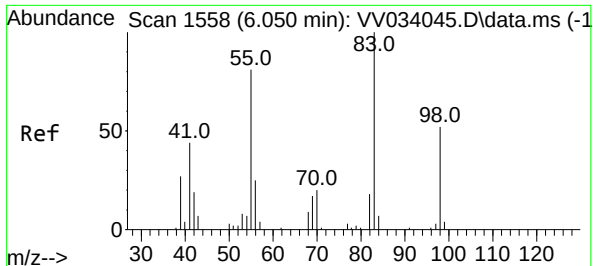
Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
74 24.7 18.2 27.4



#21
2-Butanone
Concen: 2.730 ug/L
RT: 4.044 min Scan# 934
Delta R.T. 0.142 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
72 4.5 4.0 11.9

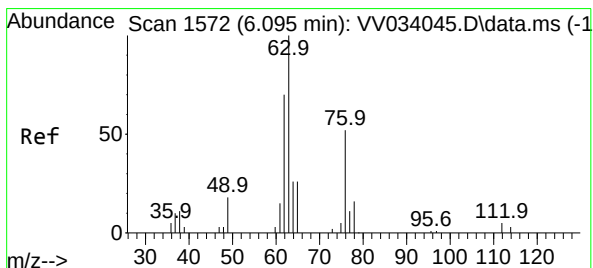
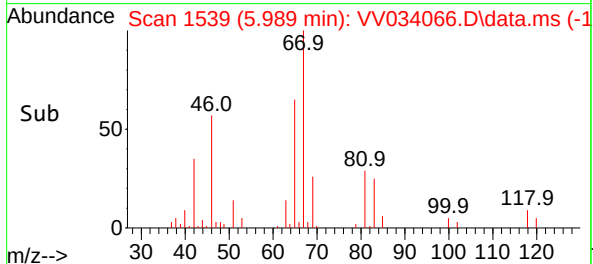
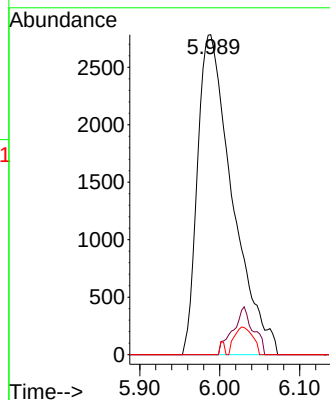
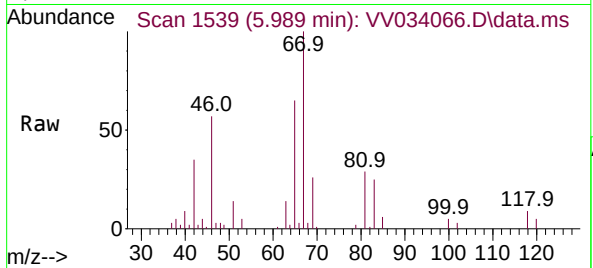




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034066.D
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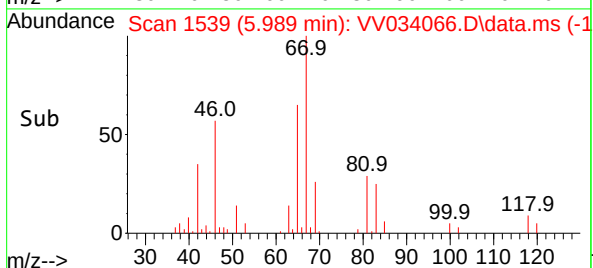
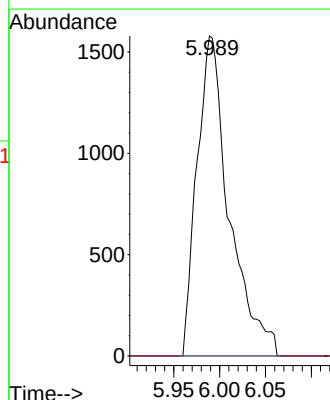
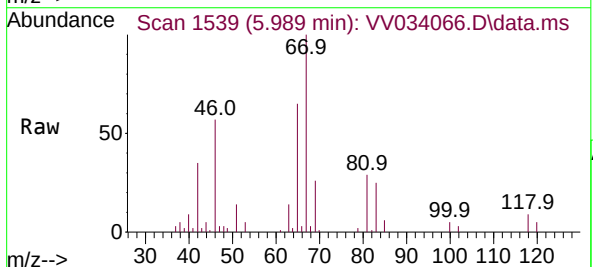
Instrument :
MSVOA_V
ClientSampleId :

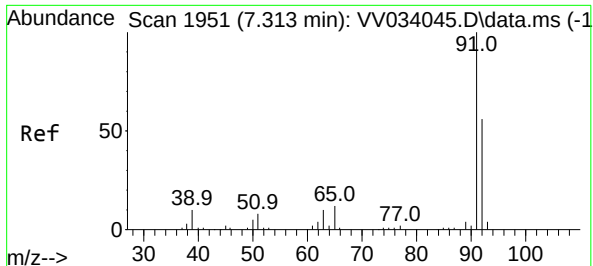
Tgt Ion: 83 Resp: 8390
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion: 63 Resp: 3860
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.404 ug/L

RT: 7.320 min Scan# 1951

Delta R.T. 0.007 min

Lab File: VV034066.D

Acq: 08 Feb 2024 18:08

Instrument :

MSVOA_V

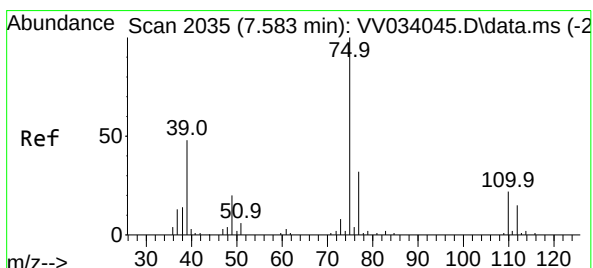
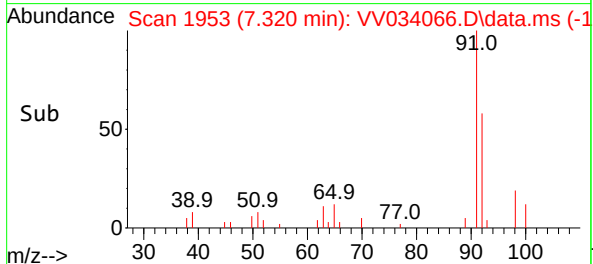
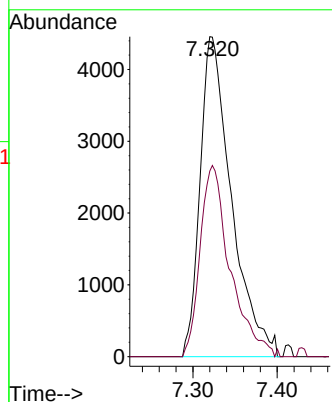
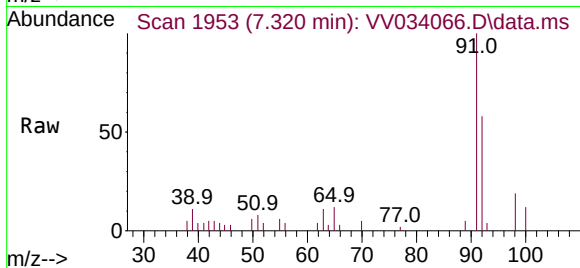
ClientSampleId :

Tgt Ion: 91 Resp: 11512

Ion Ratio Lower Upper

91 100

92 58.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.321 ug/L

RT: 7.513 min Scan# 2013

Delta R.T. -0.071 min

Lab File: VV034066.D

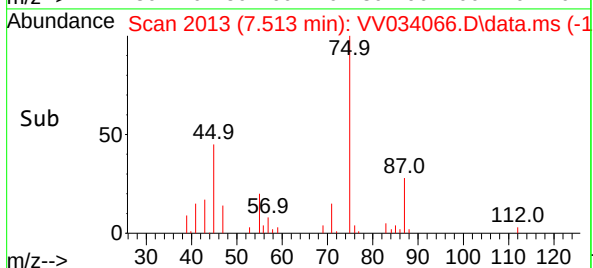
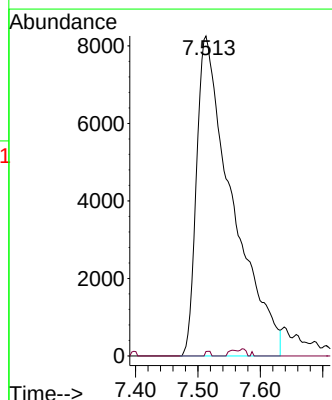
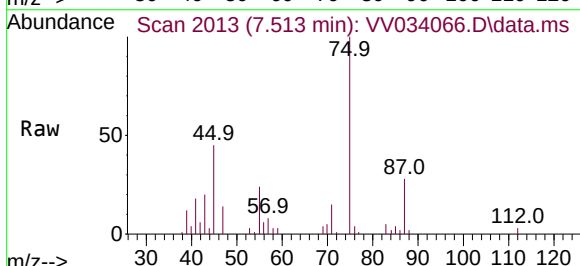
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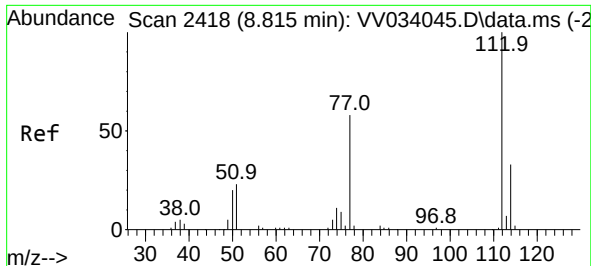
Tgt Ion: 75 Resp: 32596

Ion Ratio Lower Upper

75 100

77 1.4 22.2 41.2#

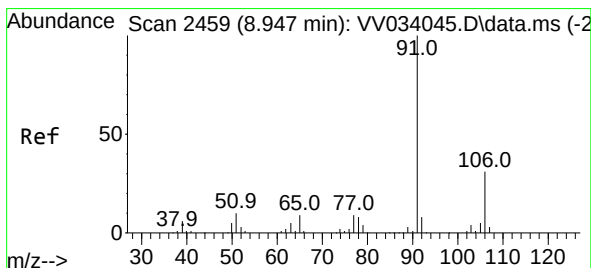
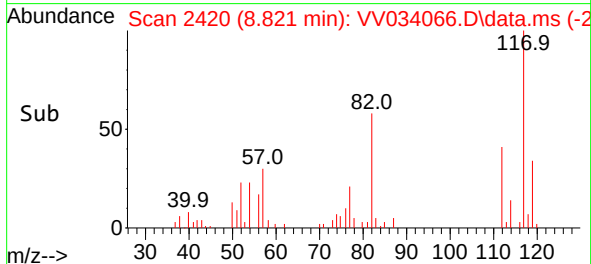
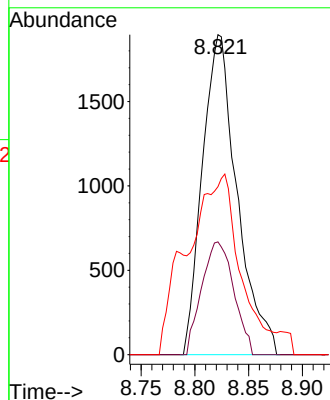
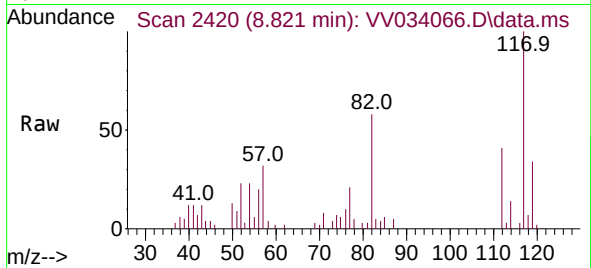




#51
Chlorobenzene
Concen: 0.236 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

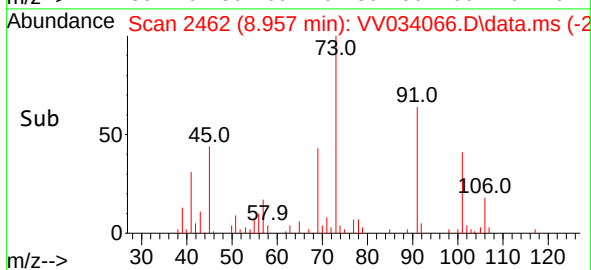
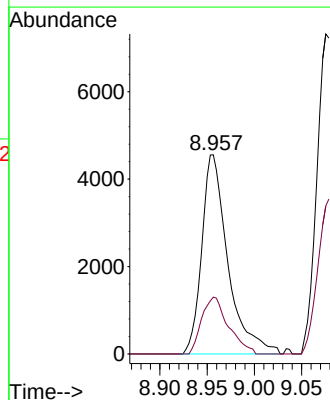
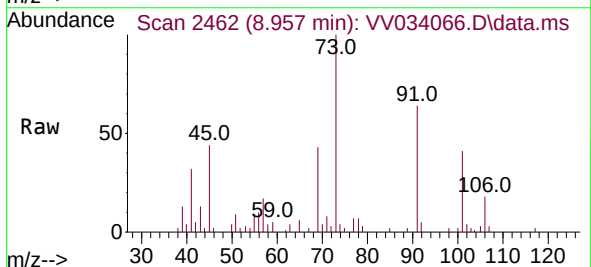
Instrument :
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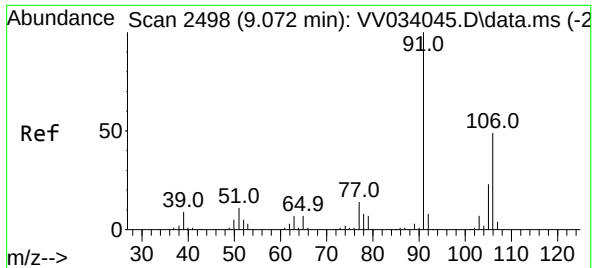
Tgt Ion:112 Resp: 4252
Ion Ratio Lower Upper
112 100
114 35.2 22.5 41.7
77 52.5 48.1 72.1



#52
Ethylbenzene
Concen: 0.267 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion: 91 Resp: 8761
Ion Ratio Lower Upper
91 100
106 28.5 21.4 39.8

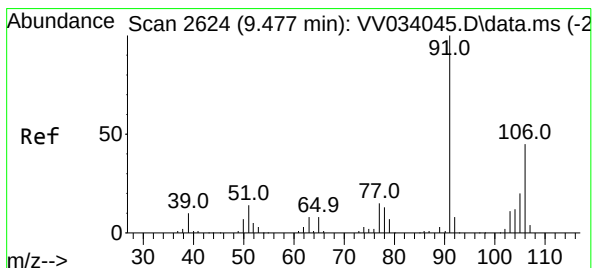
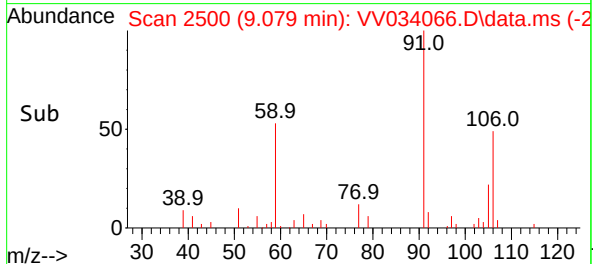
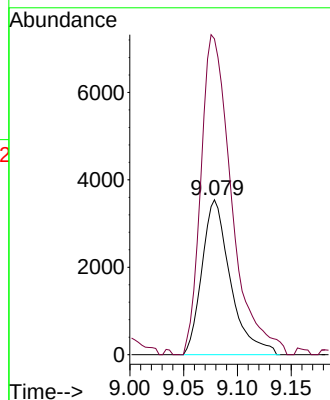
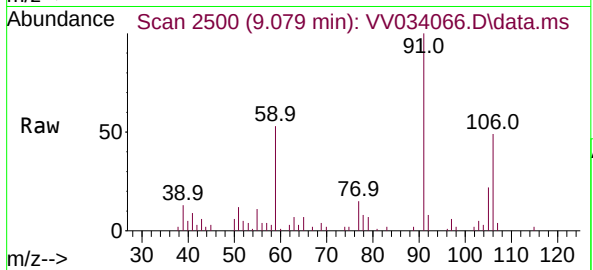




#53
m,p-Xylene
Concen: 0.527 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

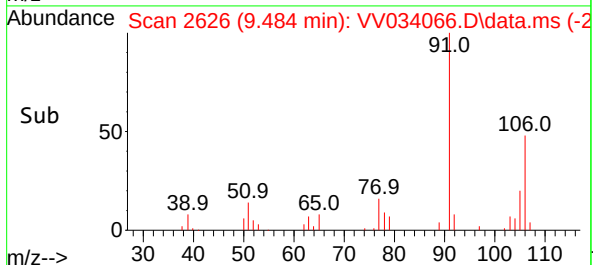
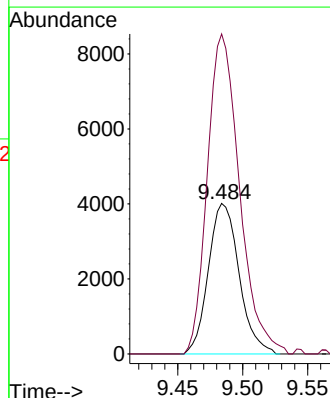
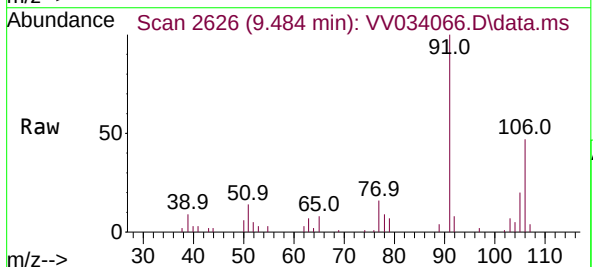
Instrument :
MSVOA_V
ClientSampleId :

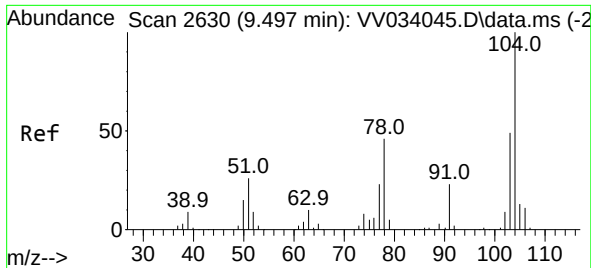
Tgt Ion:106 Resp: 6531
Ion Ratio Lower Upper
106 100
91 204.0 147.5 273.9



#54
o-Xylene
Concen: 0.553 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

Tgt Ion:106 Resp: 6605
Ion Ratio Lower Upper
106 100
91 212.6 156.2 290.0

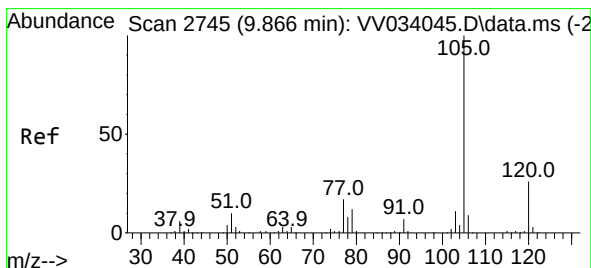
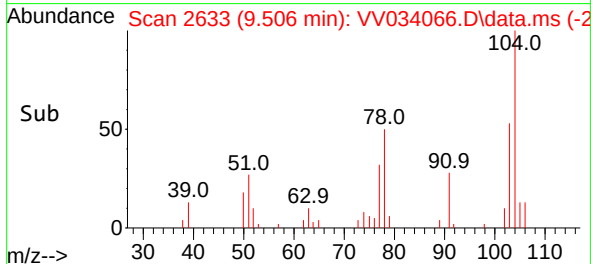
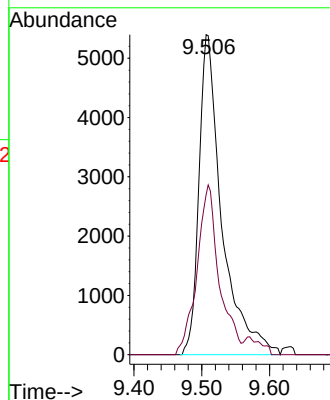
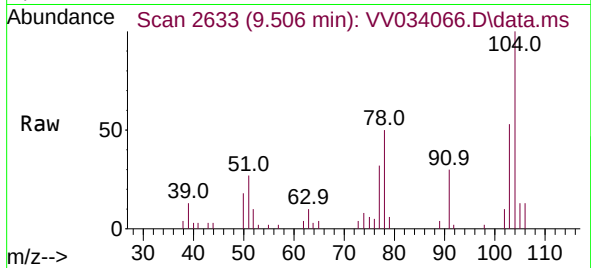




#55
Styrene
Concen: 0.662 ug/L
RT: 9.506 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

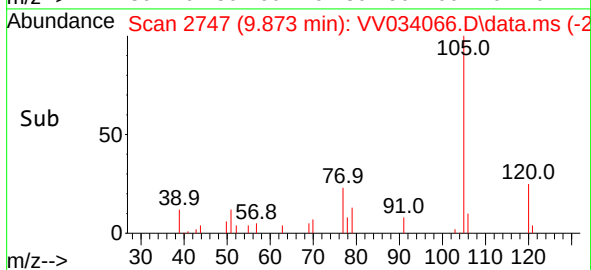
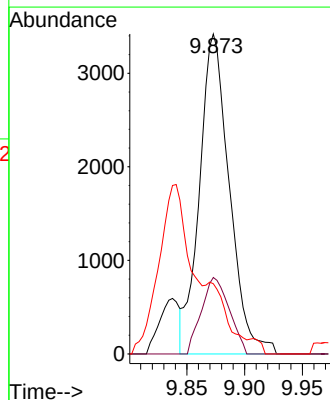
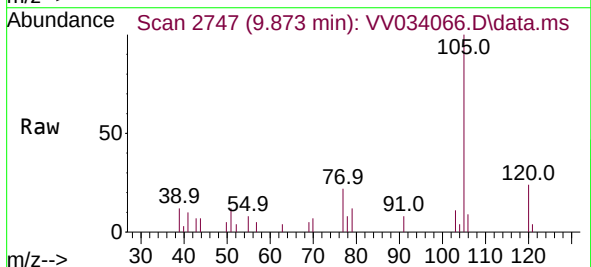
Instrument :
MSVOA_V
ClientSampleId :

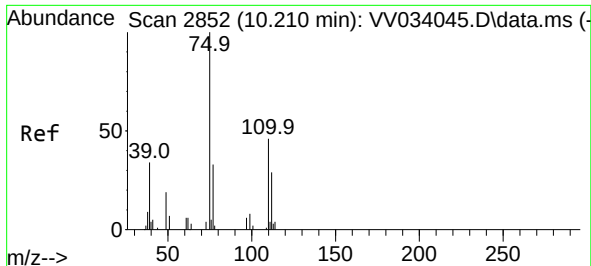
Tgt Ion:104 Resp: 12671
Ion Ratio Lower Upper
104 100
78 50.0 32.9 61.1



#60
Isopropylbenzene
Concen: 0.187 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.007 min
Lab File: VV034066.D
Acq: 08 Feb 2024 18:08

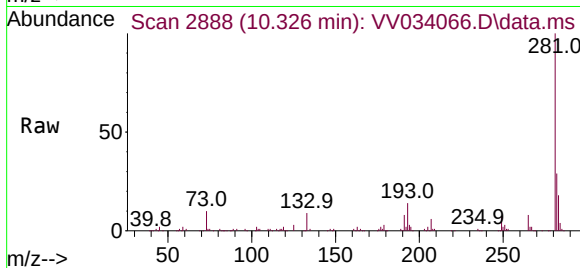
Tgt Ion:105 Resp: 6160
Ion Ratio Lower Upper
105 100
120 22.2 20.7 31.1
77 0.0 13.0 19.6



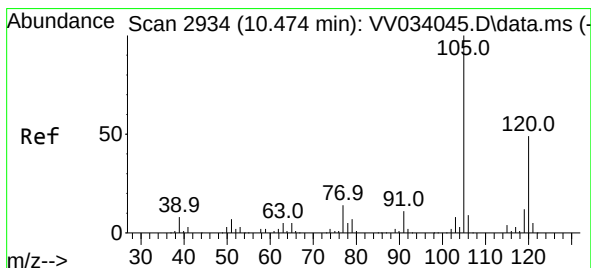
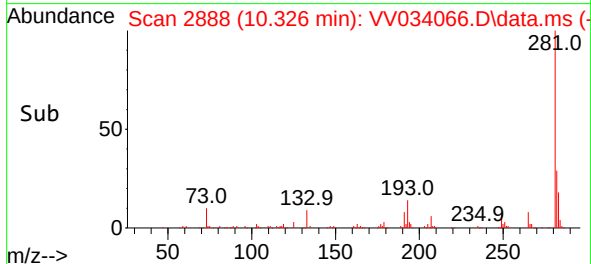
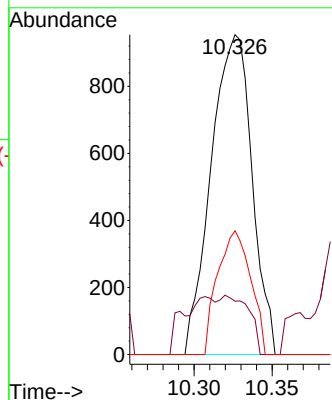


#61
 1,2,3-Trichloropropane
 Concen: 0.568 ug/L
 RT: 10.326 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VV034066.D
 Acq: 08 Feb 2024 18:08

Instrument :
 MSVOA_V
 ClientSampleId :

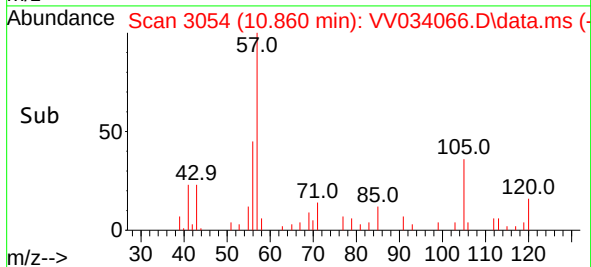
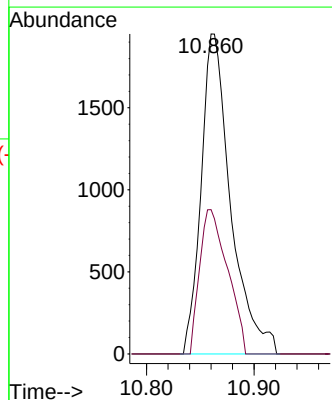
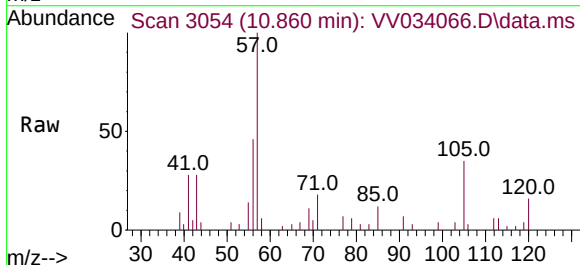


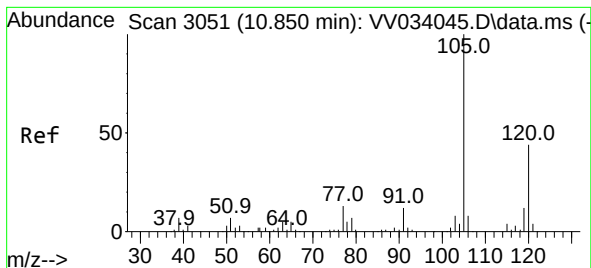
Tgt Ion: 75 Resp: 1741
 Ion Ratio Lower Upper
 75 100
 77 19.2 26.9 40.3#
 110 31.2 33.3 49.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.134 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.386 min
 Lab File: VV034066.D
 Acq: 08 Feb 2024 18:08

Tgt Ion: 105 Resp: 3727
 Ion Ratio Lower Upper
 105 100
 120 42.4 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.137 ug/L

RT: 10.860 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VV034066.D

Acq: 08 Feb 2024 18:08

Instrument :

MSVOA_V

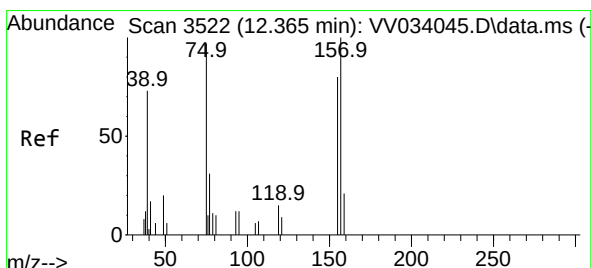
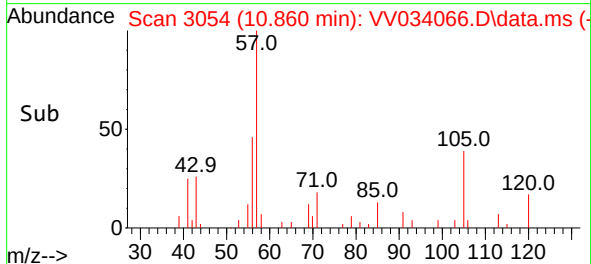
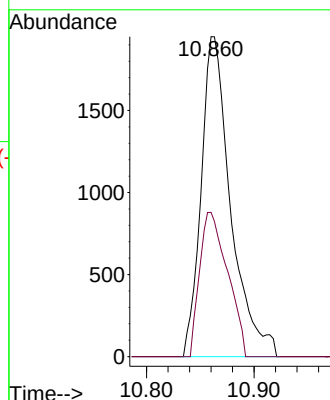
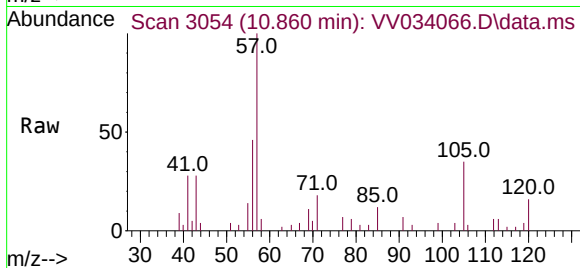
ClientSampleId :

Tgt Ion:105 Resp: 3727

Ion Ratio Lower Upper

105 100

120 42.4 36.2 54.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.814 ug/L

RT: 12.194 min Scan# 3469

Delta R.T. -0.170 min

Lab File: VV034066.D

Acq: 08 Feb 2024 18:08

Tgt Ion: 75 Resp: 4378

Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 0.0 84.6 127.0#

