

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031836.D
 Acq On : 17 Aug 2023 17:12
 Operator : SY/MD
 Sample : 04059-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:34:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

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

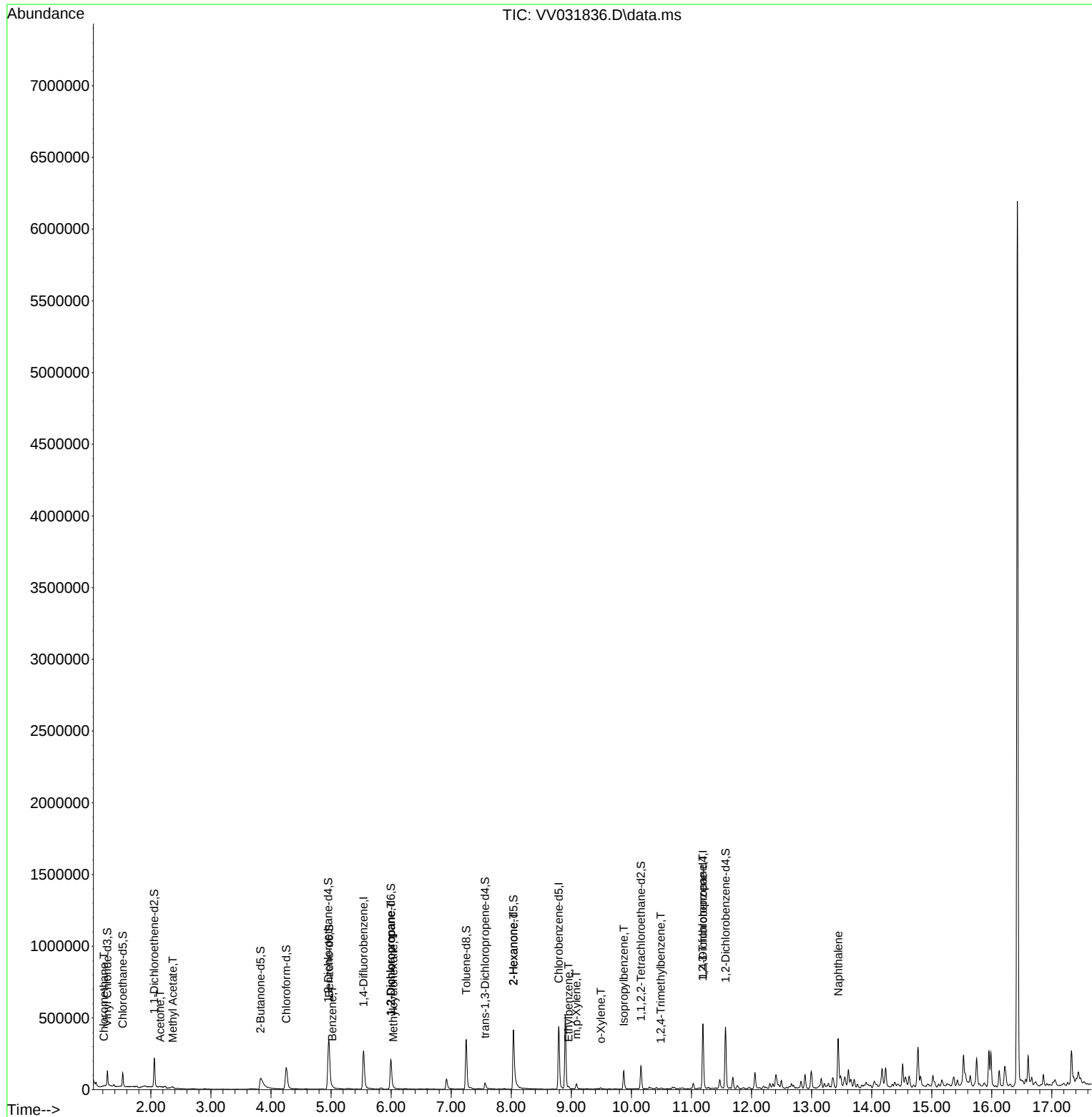
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	232250	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	245004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	117052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61697	4.465	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.532	69	63265	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.056	65	34145	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.828	46	199163	41.868	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.740%
24) Chloroform-d	4.253	84	167300	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	4.953	65	84794	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.966	84	298155	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.995	67	104054	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.249	98	238627	3.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.564	79	29518	4.051	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.037	63	157104	45.234	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	80907	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	106610	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	5895	0.290	ug/L	97
13) Acetone	2.156	43	6881	2.521	ug/L	73
15) Methyl Acetate	2.365	43	1404	0.194	ug/L #	87
33) Benzene	5.021	78	11823	0.203	ug/L	100
35) Methylcyclohexane	6.037	83	2183	0.116	ug/L #	23
37) 1,2-Dichloropropane	5.998	63	12302	0.737	ug/L #	89
48) 2-Hexanone	8.037	43	19369	2.815	ug/L #	72
52) Ethylbenzene	8.953	91	8789	0.151	ug/L	99
53) m,p-Xylene	9.085	106	9048	0.434	ug/L	89
54) o-Xylene	9.490	106	2569	0.130	ug/L #	1
60) Isopropylbenzene	9.873	105	73276	1.548	ug/L	100
61) 1,2,3-Trichloropropane	11.188	75	15646	1.618	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.487	105	2839	0.074	ug/L	97
71) Naphthalene	13.445	128	201244	8.323	ug/L	98

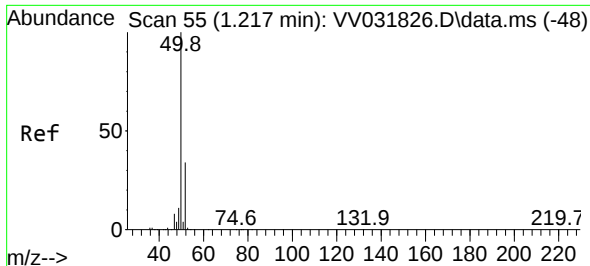
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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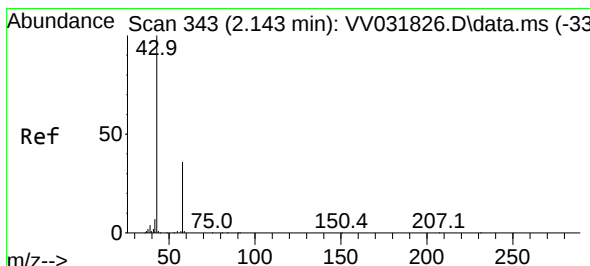
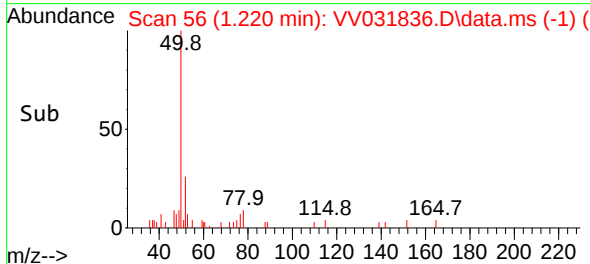
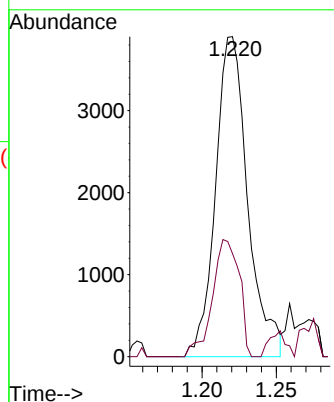
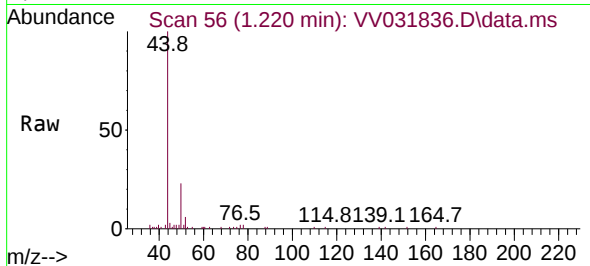




#3
Chloromethane
Concen: 0.290 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

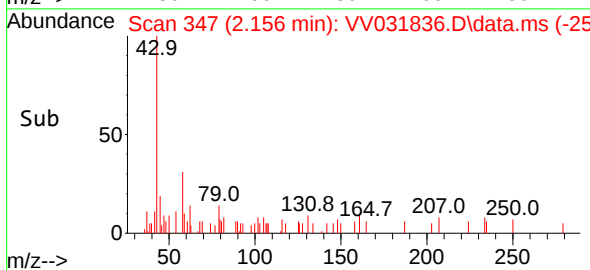
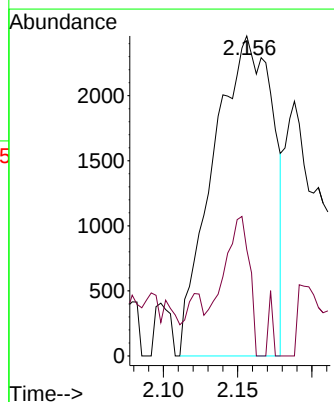
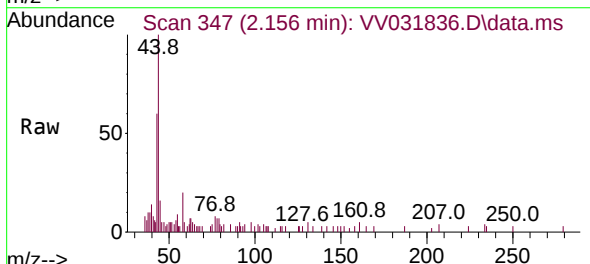
Instrument :
MSVOA_V
ClientSampleId :

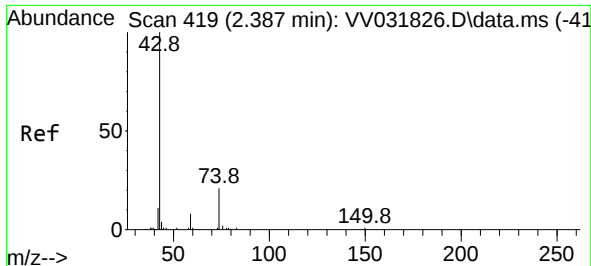
Tgt Ion: 50 Resp: 5895
Ion Ratio Lower Upper
50 100
52 32.2 23.8 44.2



#13
Acetone
Concen: 2.521 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.013 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

Tgt Ion: 43 Resp: 6881
Ion Ratio Lower Upper
43 100
58 18.9 0.0 69.0

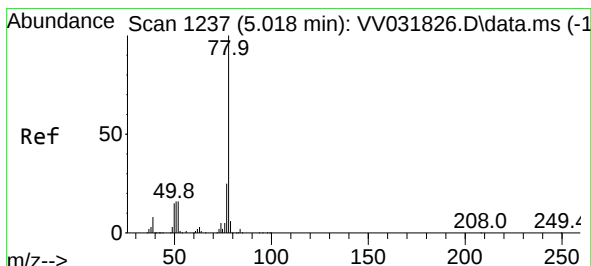
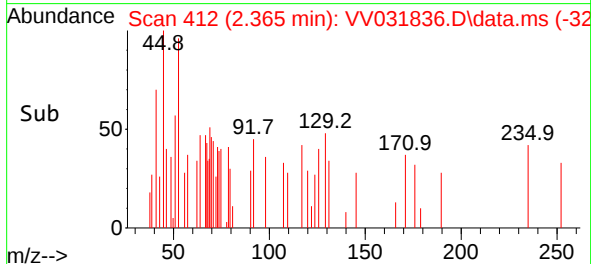
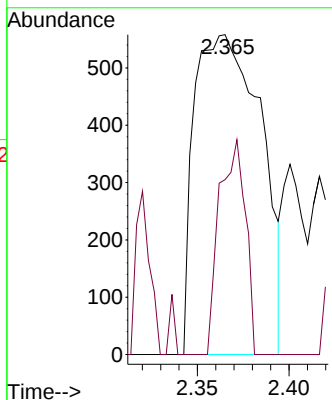
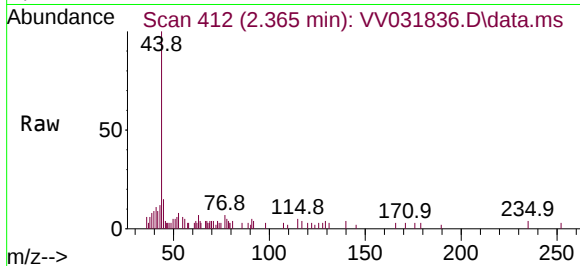




#15
Methyl Acetate
Concen: 0.194 ug/L
RT: 2.365 min Scan# 41
Delta R.T. -0.022 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

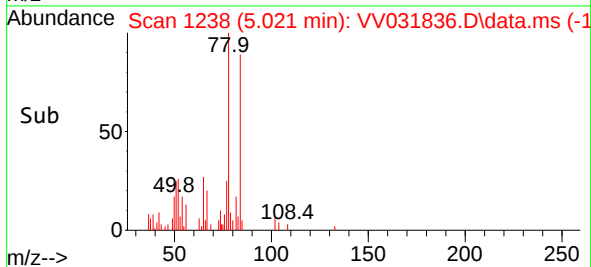
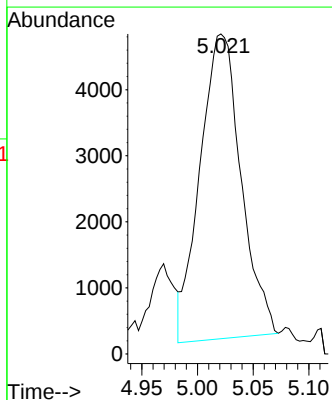
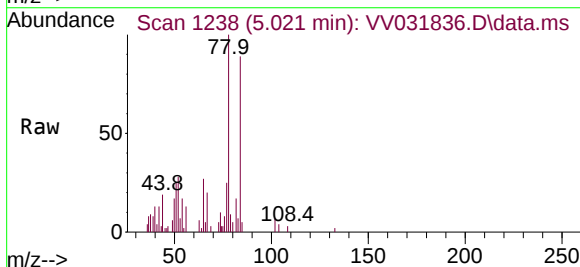
Instrument :
MSVOA_V
ClientSampleId :

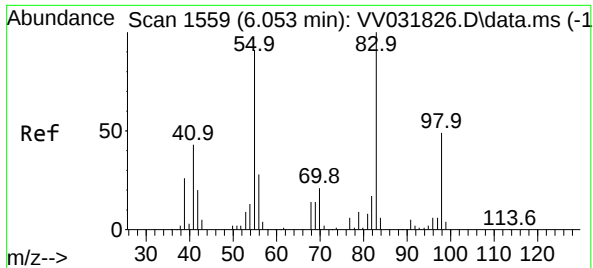
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
74 26.4 16.2 24.2#



#33
Benzene
Concen: 0.203 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

Tgt Ion: 78 Resp: 11823





#35

Methylcyclohexane

Concen: 0.116 ug/L

RT: 6.037 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV031836.D

Acq: 17 Aug 2023 17:12

Instrument :

MSVOA_V

ClientSampleId :

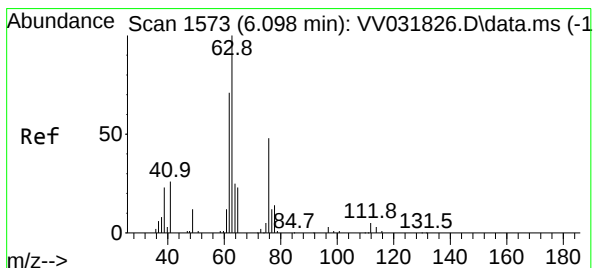
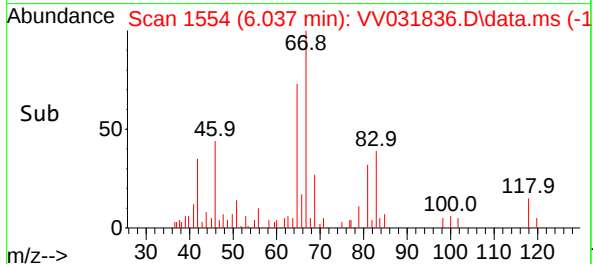
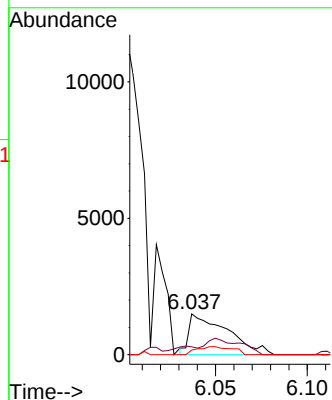
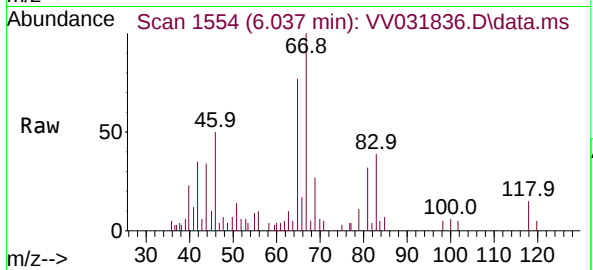
Tgt Ion: 83 Resp: 2183

Ion Ratio Lower Upper

83 100

55 13.1 69.1 103.7#

98 0.0 38.5 57.7#



#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.099 min

Lab File: VV031836.D

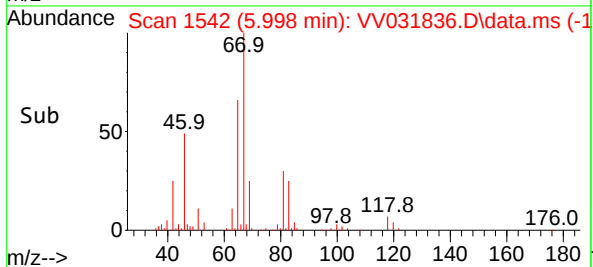
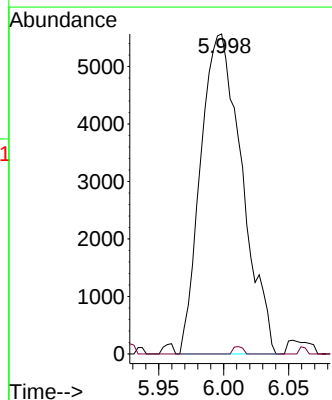
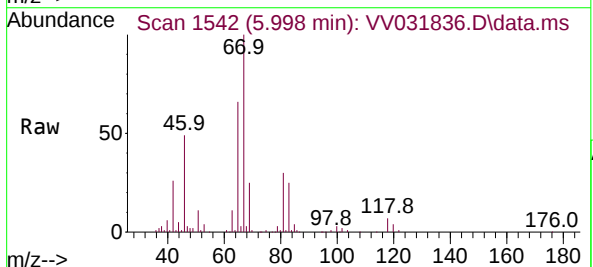
Acq: 17 Aug 2023 17:12

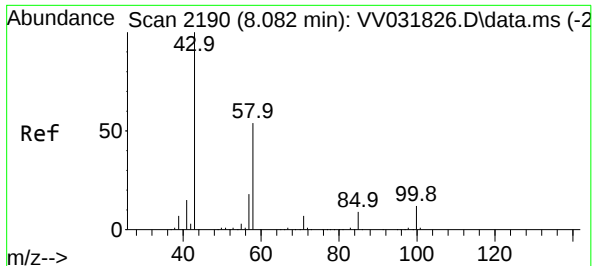
Tgt Ion: 63 Resp: 12302

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.0#





#48

2-Hexanone

Concen: 2.815 ug/L

RT: 8.037 min Scan# 2190

Delta R.T. -0.045 min

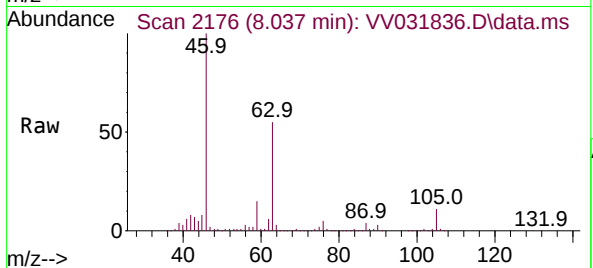
Lab File: VV031836.D

Acq: 17 Aug 2023 17:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 19369

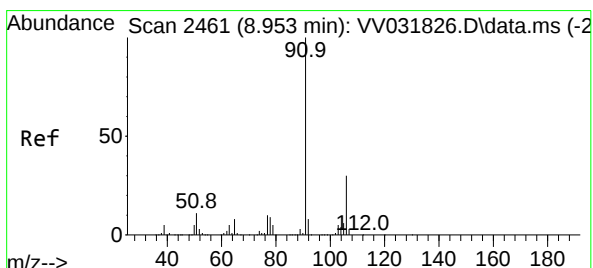
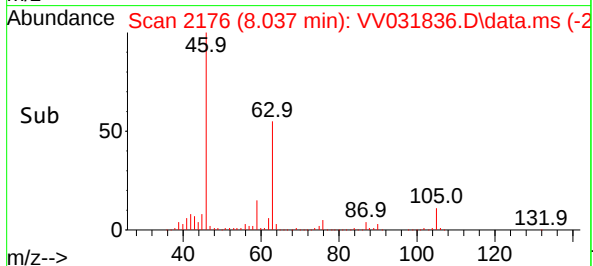
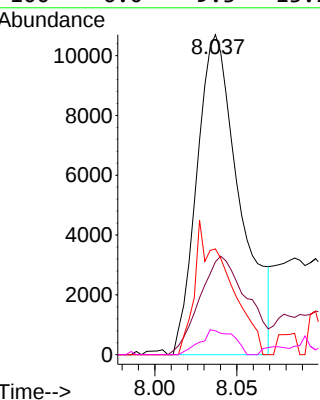
Ion Ratio Lower Upper

43 100

58 34.3 44.4 66.6#

57 33.2 15.0 22.6#

100 6.0 9.3 13.9#



#52

Ethylbenzene

Concen: 0.151 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV031836.D

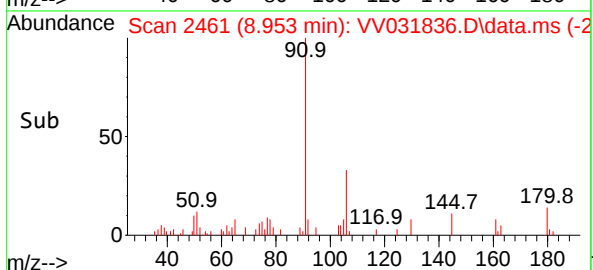
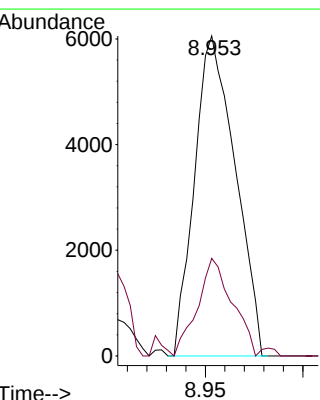
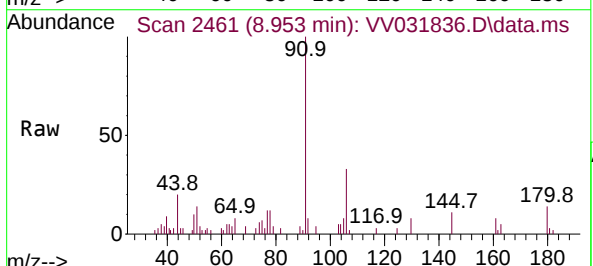
Acq: 17 Aug 2023 17:12

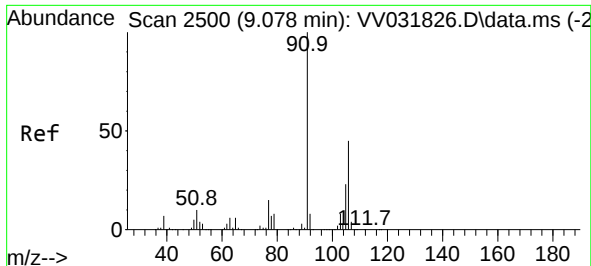
Tgt Ion: 91 Resp: 8789

Ion Ratio Lower Upper

91 100

106 30.5 20.9 38.7

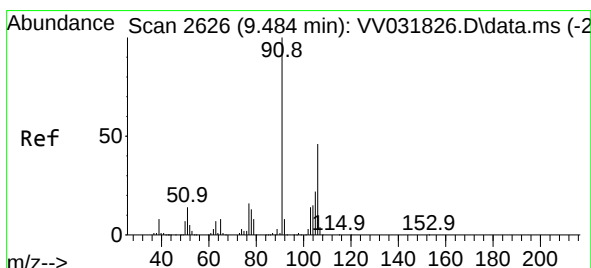
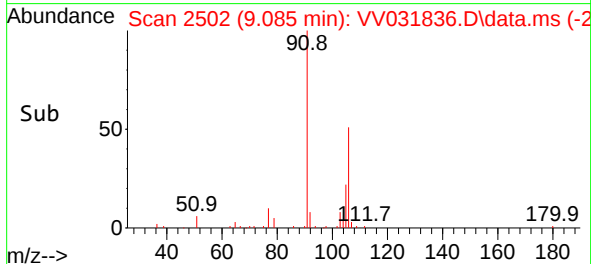
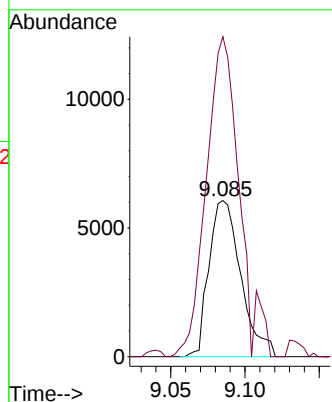
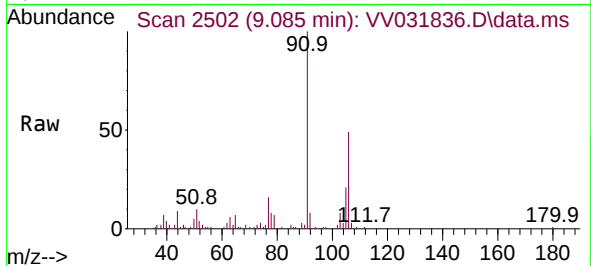




#53
m,p-Xylene
Concen: 0.434 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

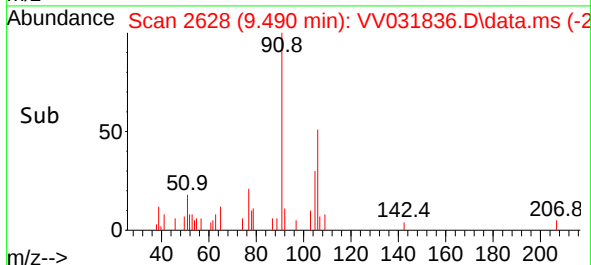
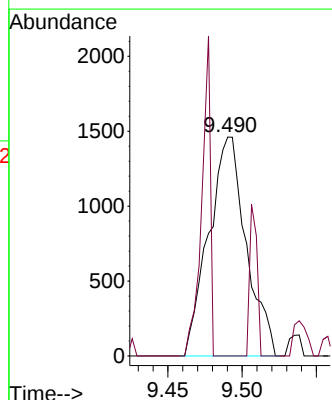
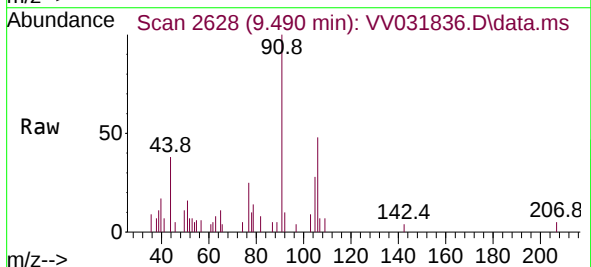
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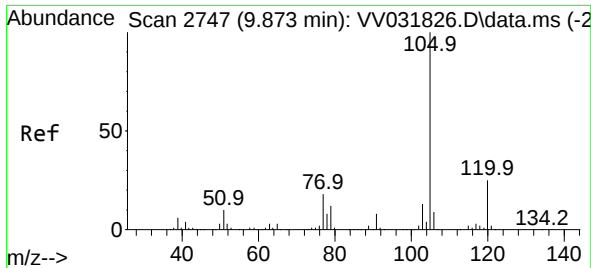
Tgt Ion:106 Resp: 9048
Ion Ratio Lower Upper
106 100
91 205.0 155.7 289.1



#54
o-Xylene
Concen: 0.130 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.007 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

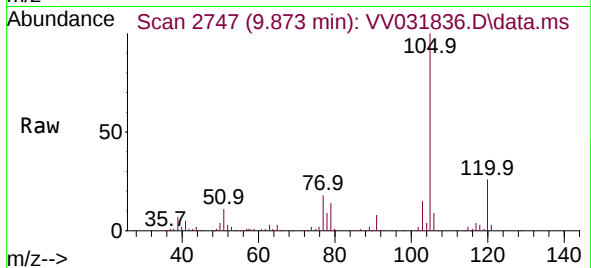
Tgt Ion:106 Resp: 2569
Ion Ratio Lower Upper
106 100
91 0.0 154.0 286.0#



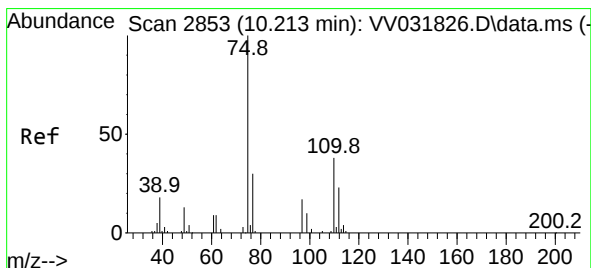
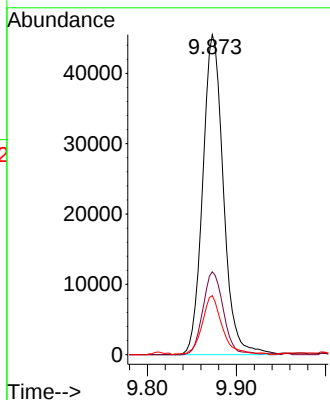
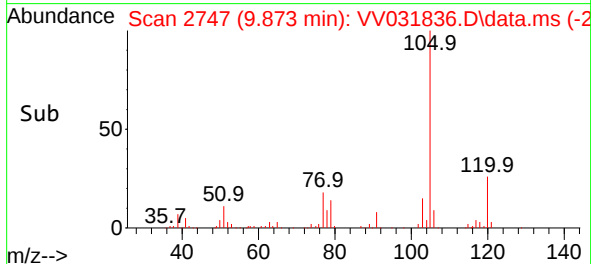


#60
Isopropylbenzene
Concen: 1.548 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12

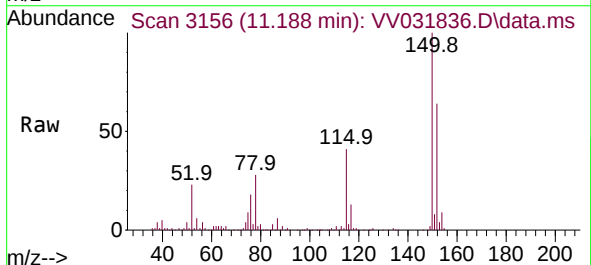
Instrument :
MSVOA_V
ClientSampleId :



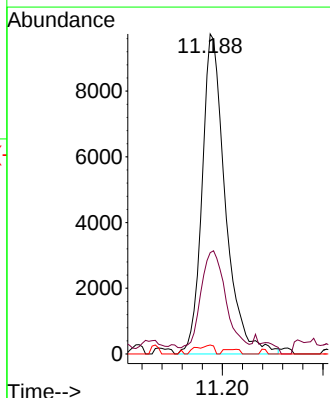
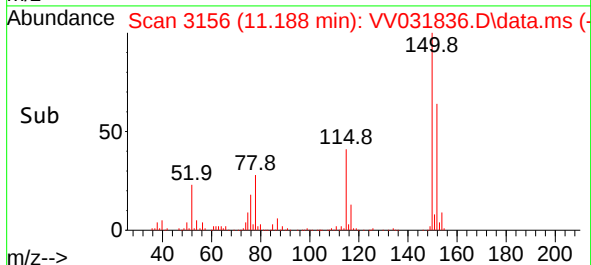
Tgt Ion:105 Resp: 73276
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 18.0 14.2 21.2

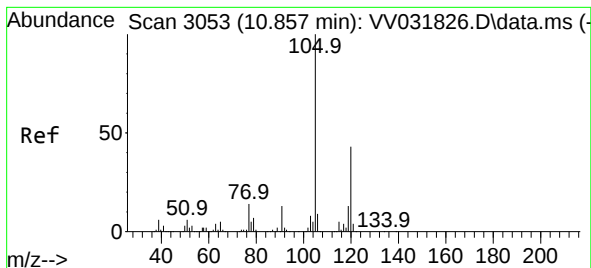


#61
1,2,3-Trichloropropane
Concen: 1.618 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031836.D
Acq: 17 Aug 2023 17:12



Tgt Ion: 75 Resp: 15646
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0
110 2.1 32.0 48.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.074 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. -0.370 min

Lab File: VV031836.D

Acq: 17 Aug 2023 17:12

Instrument :

MSVOA_V

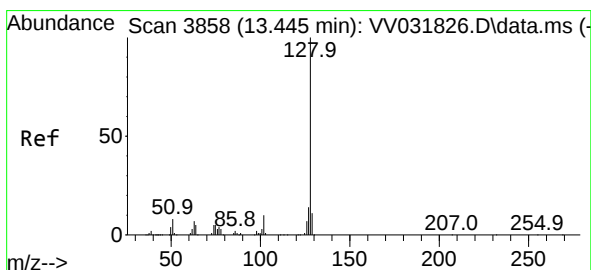
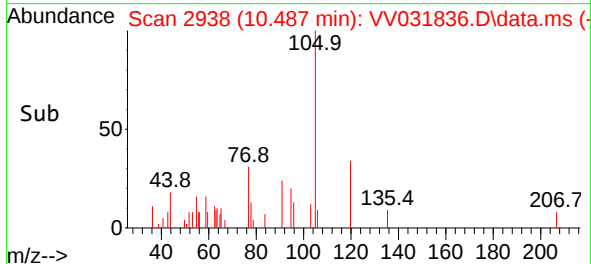
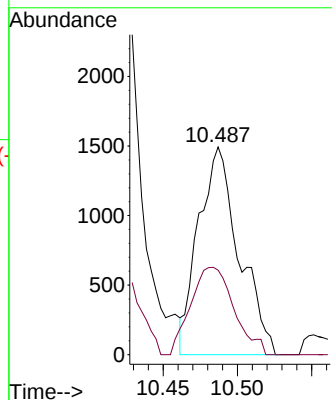
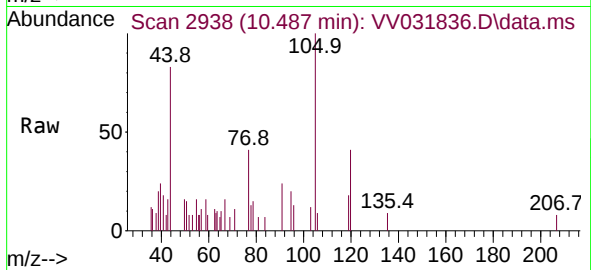
ClientSampleId :

Tgt Ion:105 Resp: 2839

Ion Ratio Lower Upper

105 100

120 44.9 34.5 51.7



#71

Naphthalene

Concen: 8.323 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031836.D

Acq: 17 Aug 2023 17:12

Tgt Ion:128 Resp: 201244

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 12.8 11.0 16.4

