

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035743.D
 Acq On : 24 May 2024 13:53
 Operator : SY/MD
 Sample : P2566-06
 Misc : 3.44g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:46:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

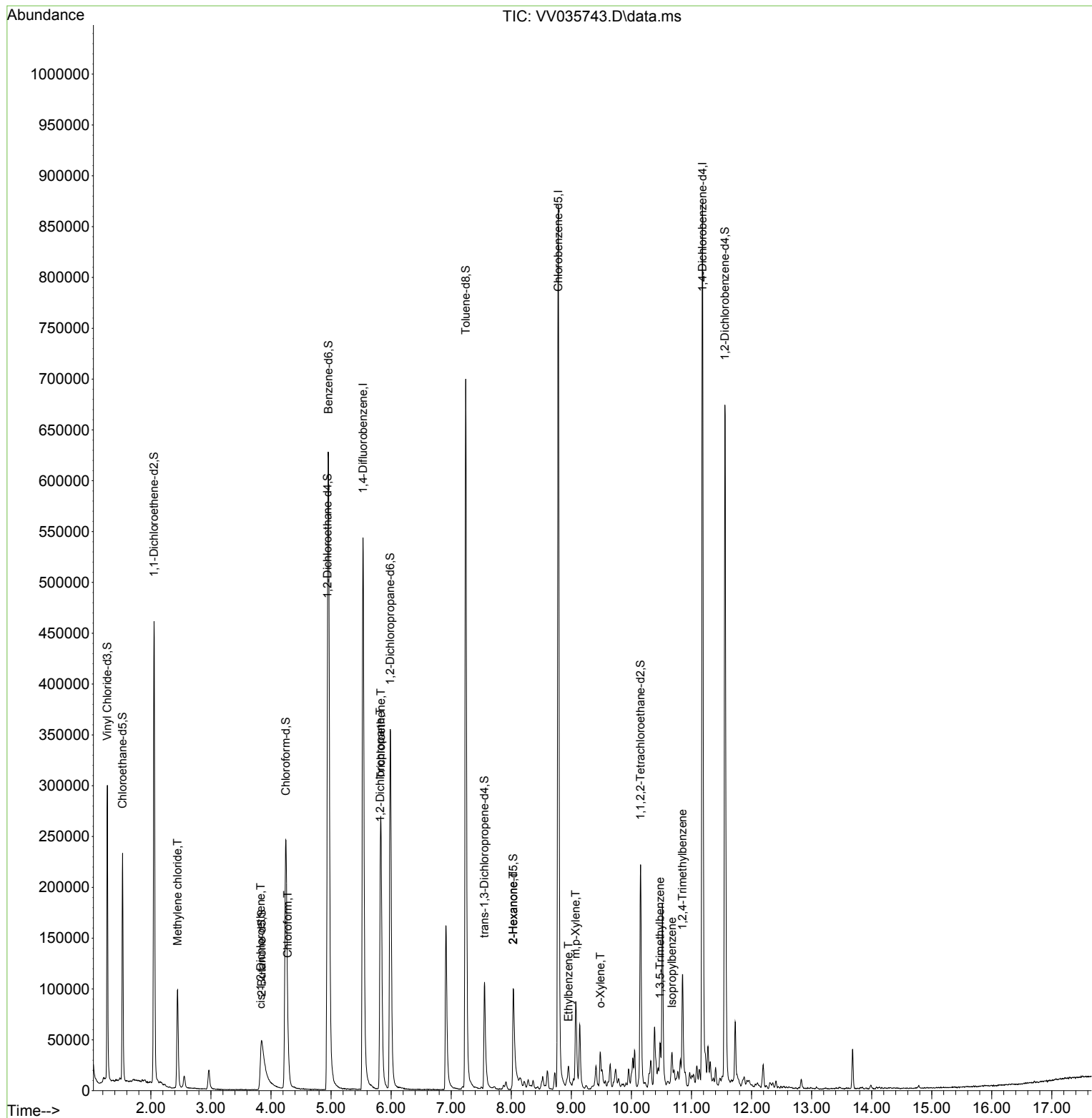
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	493812	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	502131	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236018	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	189909	24.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.520%
7) Chloroethane-d5	1.529	69	146046	23.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	2.053	65	77463	22.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.680%
21) 2-Butanone-d5	3.847	46	14012	6.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.940%#
24) Chloroform-d	4.246	84	273214	18.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.440%
26) 1,2-Dichloroethane-d4	4.941	65	161111	22.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.957	84	589602	21.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.986	67	186740	22.015	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	7.243	98	494115	20.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.555	79	69512	19.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.640%
47) 2-Hexanone-d5	8.034	63	39524	25.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92931	11.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	45.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	177831	21.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.446	84	43984	3.863	ug/L	98
20) cis-1,2-Dichloroethene	3.828	96	4785	0.513	ug/L	92
25) Chloroform	4.278	83	32019	1.923	ug/L	93
34) Trichloroethene	5.831	95	78281	8.327	ug/L	98
37) 1,2-Dichloropropane	5.818	63	5310	0.612	ug/L	99
48) 2-Hexanone	8.034	43	5489	1.410	ug/L #	43
52) Ethylbenzene	8.953	91	13974	0.360	ug/L	91
53) m,p-Xylene	9.072	106	23694	1.608	ug/L	99
54) o-Xylene	9.484	106	8682	0.622	ug/L	97
60) Isopropylbenzene	10.677	105	18760	0.597	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	22378	0.907	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	57378	2.264	ug/L	100

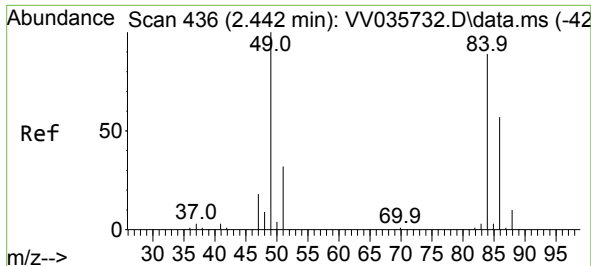
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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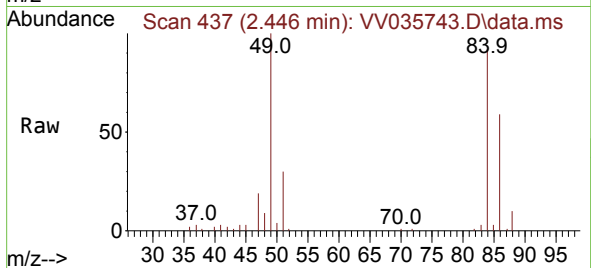
Quant Time: May 24 23:46:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration



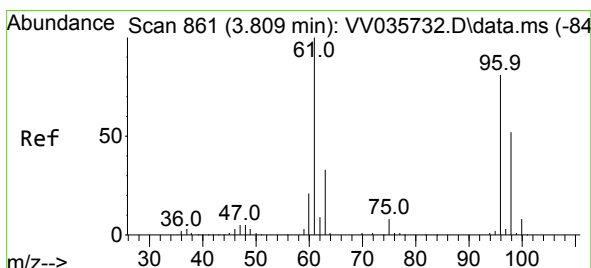
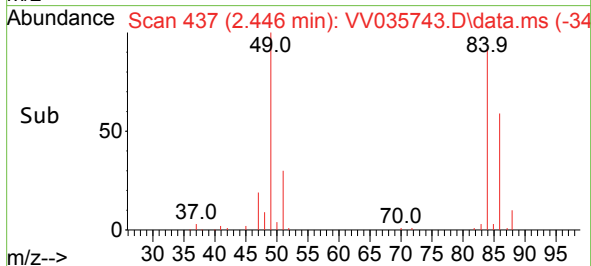
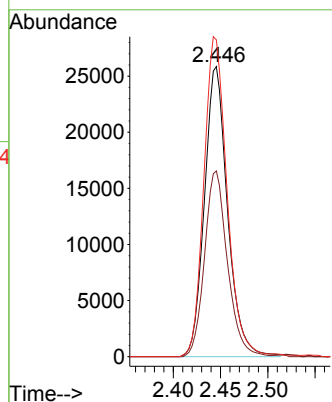


#16
Methylene chloride
Concen: 3.863 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :

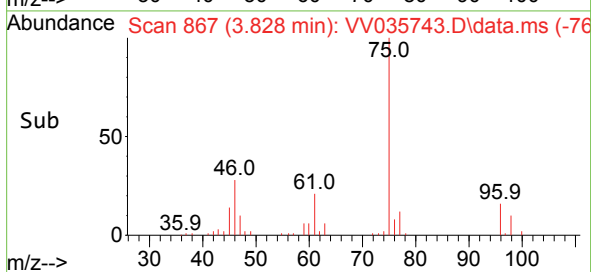
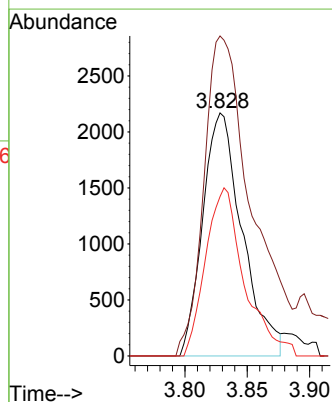
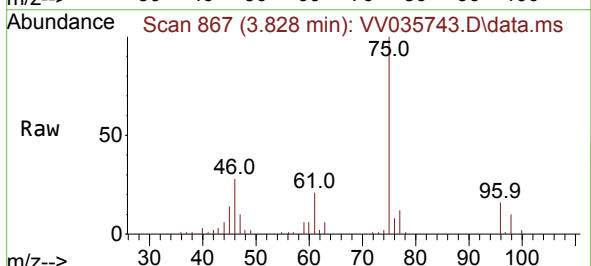


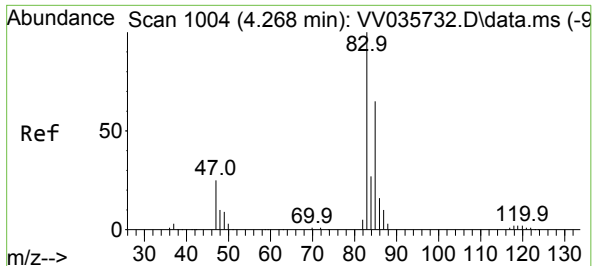
Tgt Ion: 84 Resp: 43984
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.3
49 109.3 75.3 139.9



#20
cis-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.019 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion: 96 Resp: 4785
Ion Ratio Lower Upper
96 100
61 131.7 83.9 155.9
98 65.5 44.0 81.8

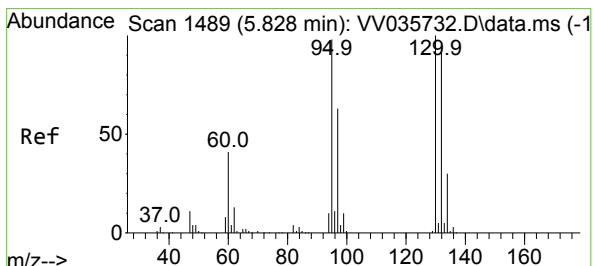
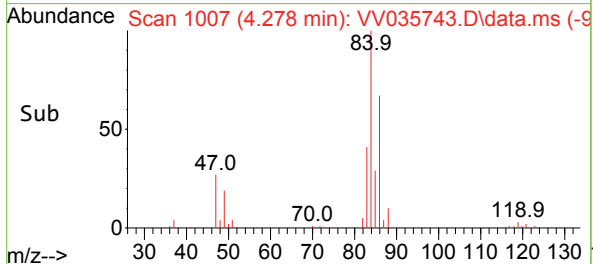
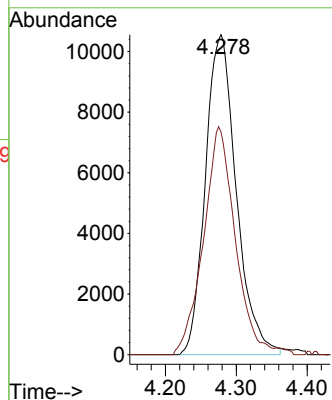
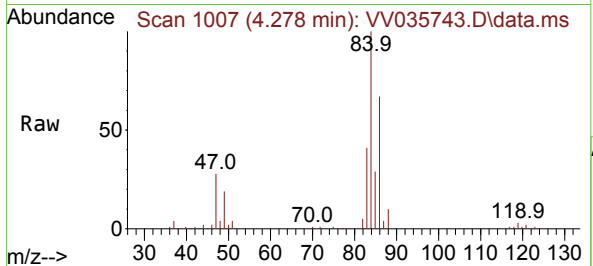




#25
Chloroform
Concen: 1.923 ug/L
RT: 4.278 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

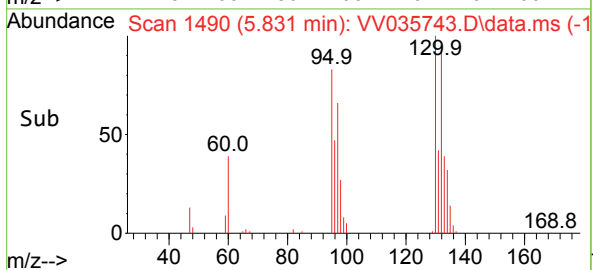
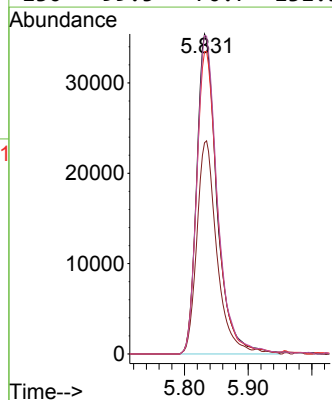
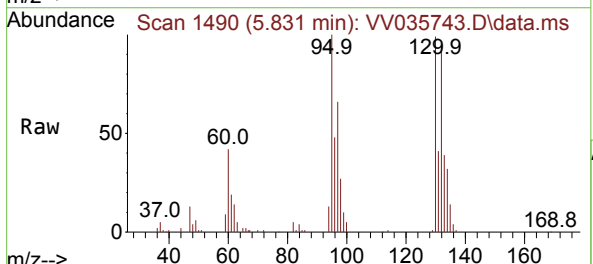
Instrument :
MSVOA_V
ClientSampleId :

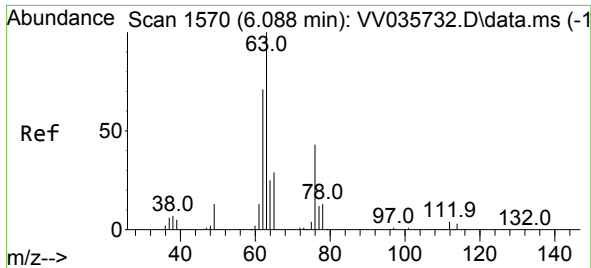
Tgt Ion: 83 Resp: 32019
Ion Ratio Lower Upper
83 100
85 69.6 44.7 82.9



#34
Trichloroethene
Concen: 8.327 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion: 95 Resp: 78281
Ion Ratio Lower Upper
95 100
97 66.0 43.8 81.4
132 94.4 67.1 124.7
130 99.5 70.7 131.3

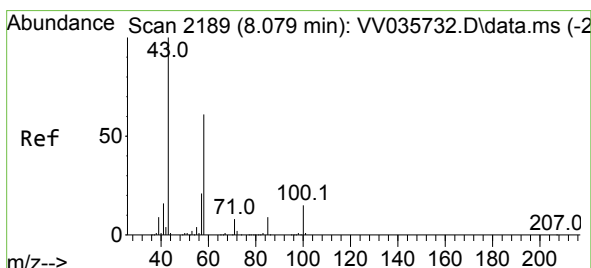
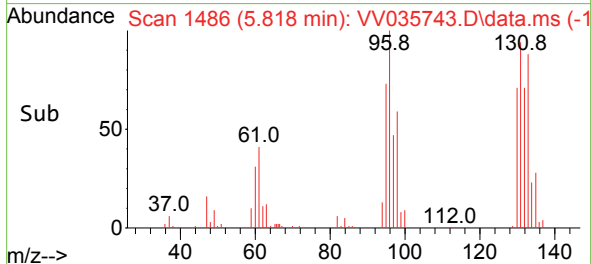
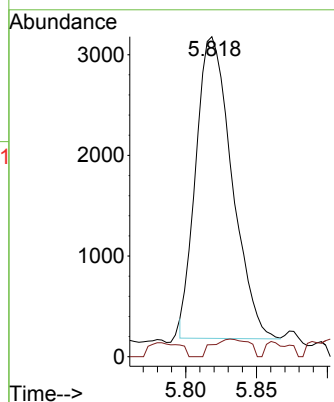
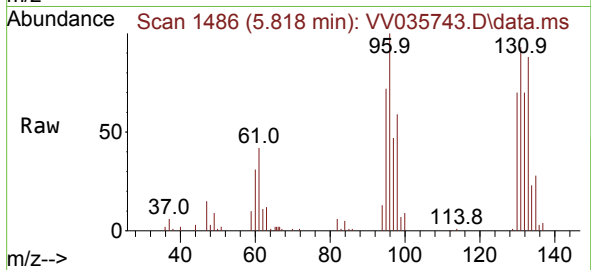




#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 5.818 min Scan# 1486
Delta R.T. -0.270 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

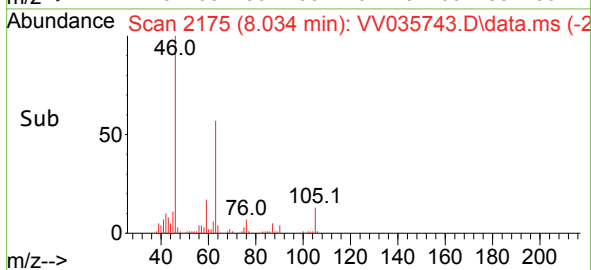
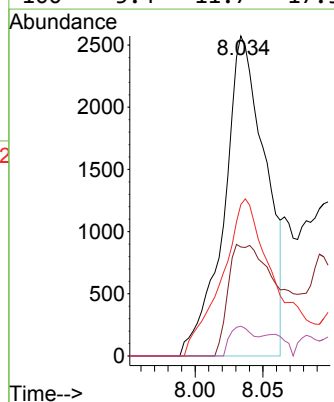
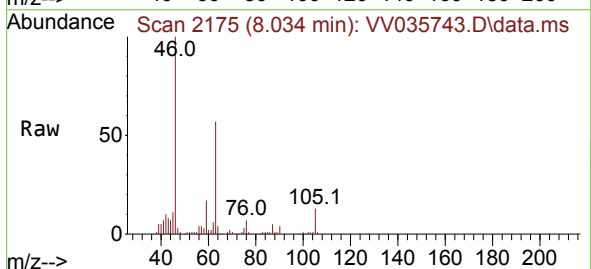
Instrument :
MSVOA_V
ClientSampleId :

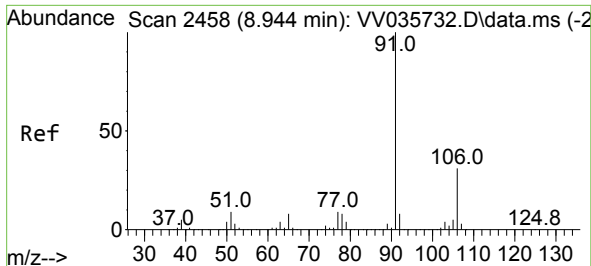
Tgt Ion: 63 Resp: 5310
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#48
2-Hexanone
Concen: 1.410 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion: 43 Resp: 5489
Ion Ratio Lower Upper
43 100
58 15.3 48.8 73.2#
57 54.5 16.9 25.3#
100 5.4 11.7 17.5#





#52

Ethylbenzene

Concen: 0.360 ug/L

RT: 8.953 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

Instrument :

MSVOA_V

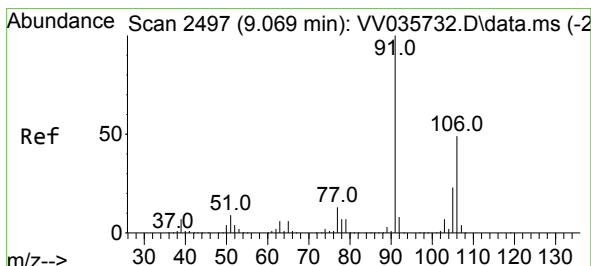
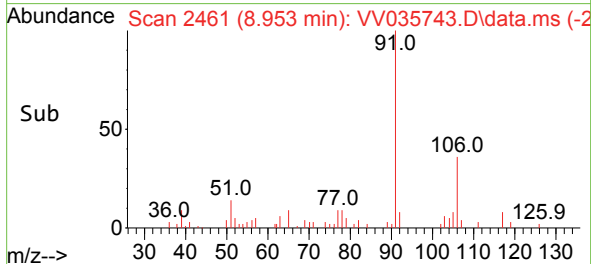
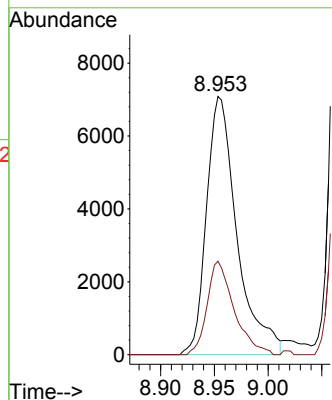
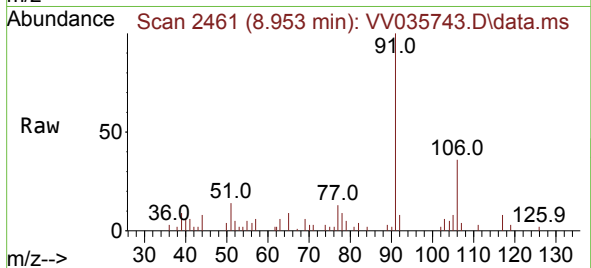
ClientSampleId :

Tgt Ion: 91 Resp: 13974

Ion Ratio Lower Upper

91 100

106 36.2 21.7 40.3



#53

m,p-Xylene

Concen: 1.608 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035743.D

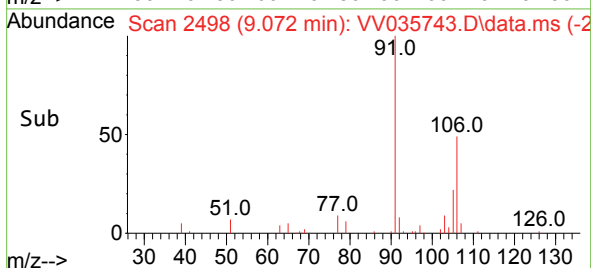
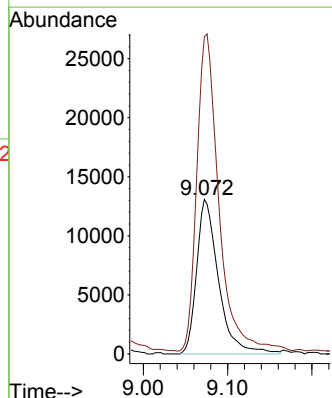
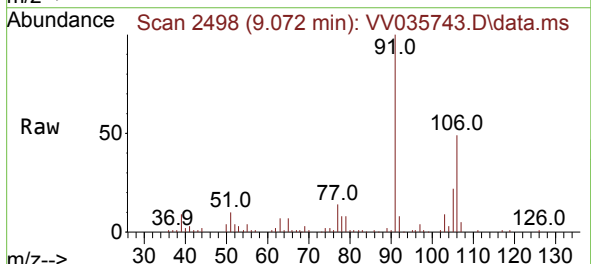
Acq: 24 May 2024 13:53

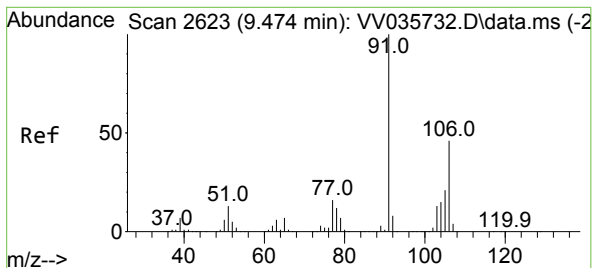
Tgt Ion: 106 Resp: 23694

Ion Ratio Lower Upper

106 100

91 205.4 142.7 264.9





#54

o-Xylene

Concen: 0.622 ug/L

RT: 9.484 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

Instrument :

MSVOA_V

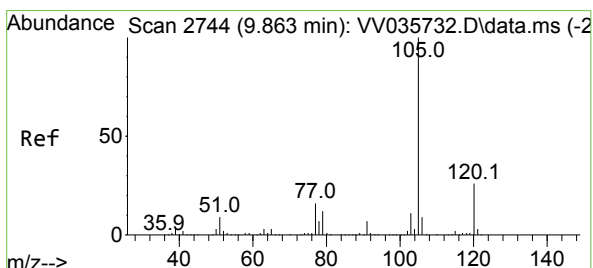
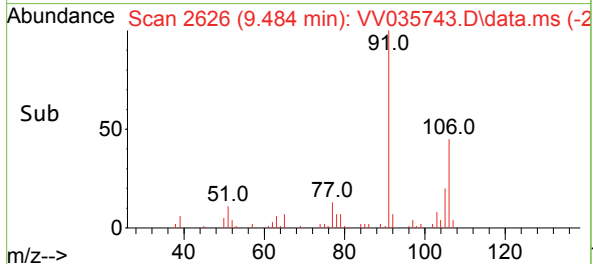
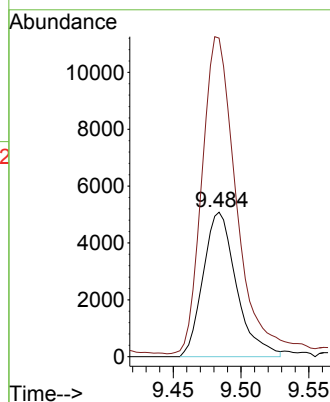
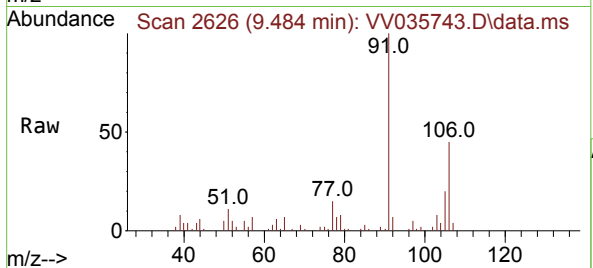
ClientSampleId :

Tgt Ion:106 Resp: 8682

Ion Ratio Lower Upper

106 100

91 220.6 150.9 280.3



#60

Isopropylbenzene

Concen: 0.597 ug/L

RT: 10.677 min Scan# 2997

Delta R.T. 0.814 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

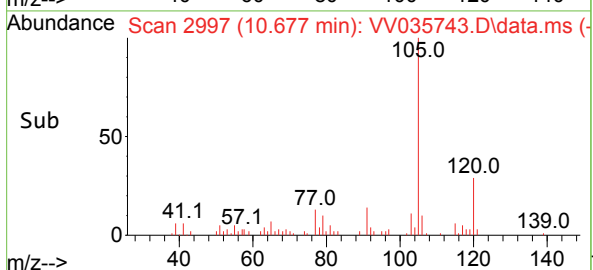
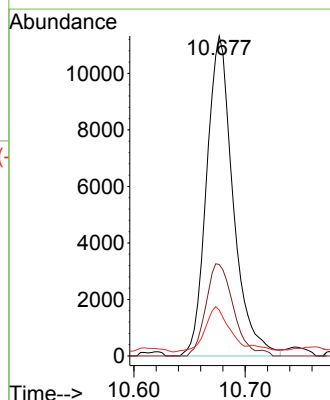
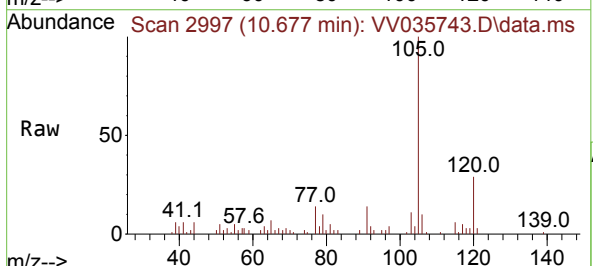
Tgt Ion:105 Resp: 18760

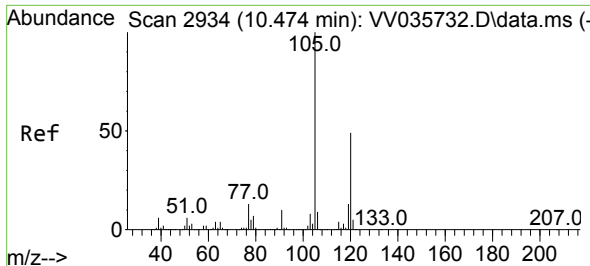
Ion Ratio Lower Upper

105 100

120 29.3 21.3 31.9

77 12.7 12.2 18.2





#62

1,3,5-Trimethylbenzene

Concen: 0.907 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

Instrument :

MSVOA_V

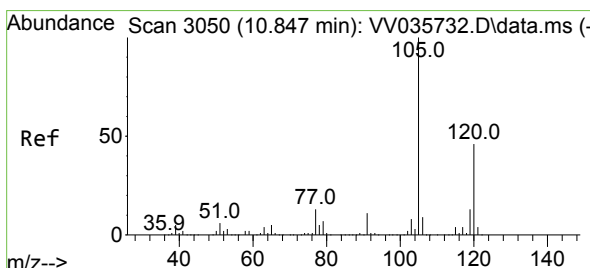
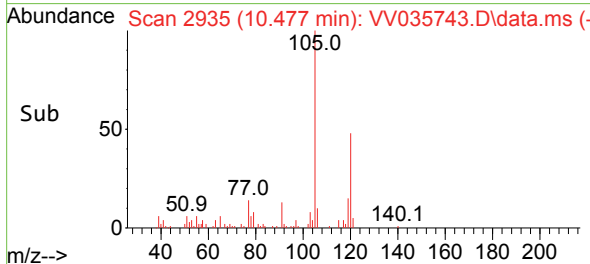
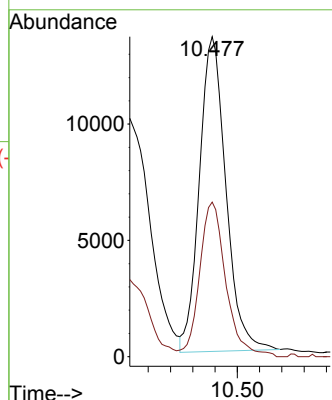
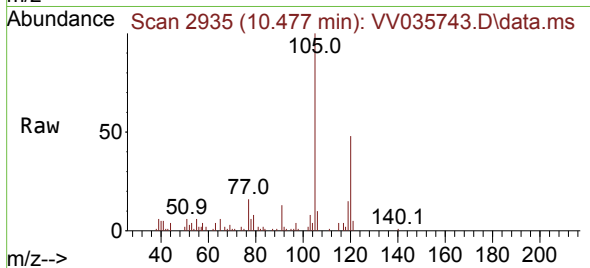
ClientSampleId :

Tgt Ion:105 Resp: 22378

Ion Ratio Lower Upper

105 100

120 48.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 2.264 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

Tgt Ion:105 Resp: 57378

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0

