

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
 Data File : VV035556.D
 Acq On : 08 May 2024 10:41
 Operator : SY/MD
 Sample : VV0508SBL04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 01:18:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

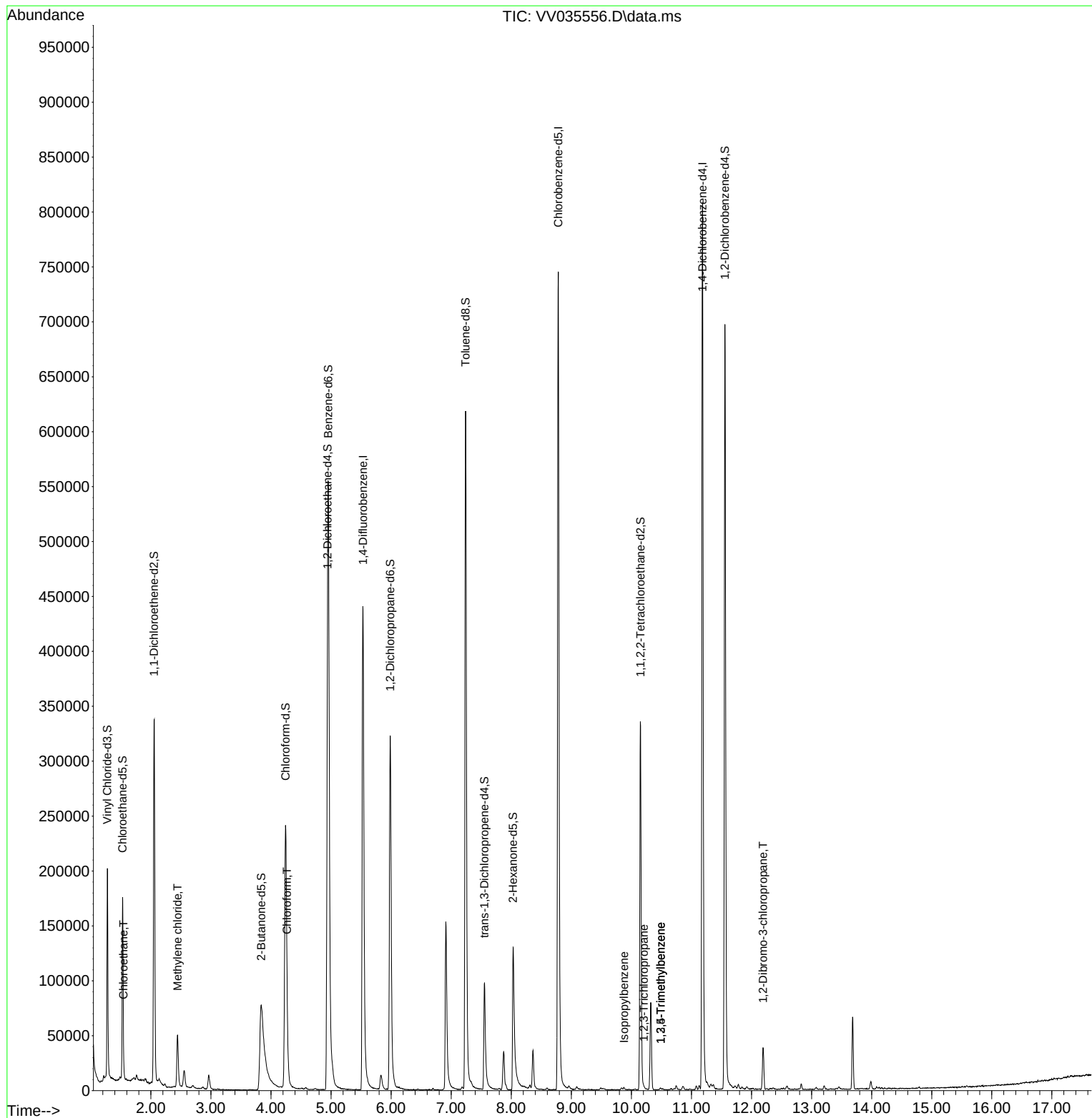
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	406069	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	434699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	221767	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	124777	19.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
7) Chloroethane-d5	1.529	69	108998	21.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.053	65	57885	20.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	3.838	46	55957	31.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.840%
24) Chloroform-d	4.243	84	274364	22.727	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.920%
26) 1,2-Dichloroethane-d4	4.940	65	143708	24.080	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.320%
32) Benzene-d6	4.953	84	521173	21.902	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.985	67	170935	23.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.239	98	443962	20.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.840%
43) trans-1,3-Dichloroprop...	7.554	79	68260	21.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	8.030	63	57136	43.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	168130	23.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	190390	24.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds						
					Qvalue	
8) Chloroethane	1.545	64	397	0.075	ug/L #	73
16) Methylene chloride	2.445	84	21049	2.248	ug/L	99
25) Chloroform	4.268	83	2928	0.214	ug/L #	43
60) Isopropylbenzene	9.876	105	1511	0.051	ug/L #	84
61) 1,2,3-Trichloropropane	10.207	75	219	0.042	ug/L #	25
62) 1,3,5-Trimethylbenzene	10.487	105	1432	0.062	ug/L	99
63) 1,2,4-Trimethylbenzene	10.487	105	1432	0.060	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.191	75	1274	1.057	ug/L #	10

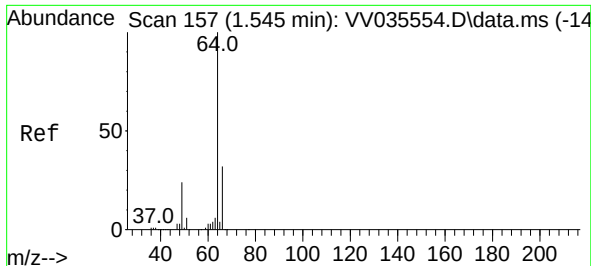
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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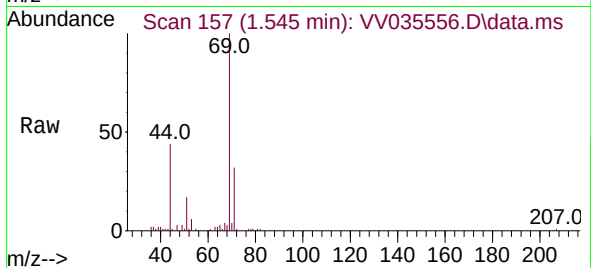
Quant Time: May 09 01:18:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 01:17:39 2024
Response via : Initial Calibration



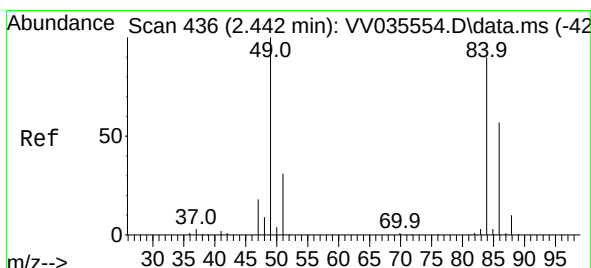
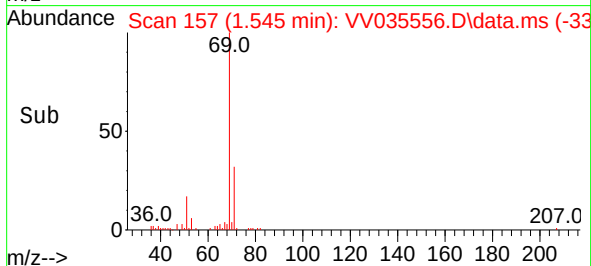
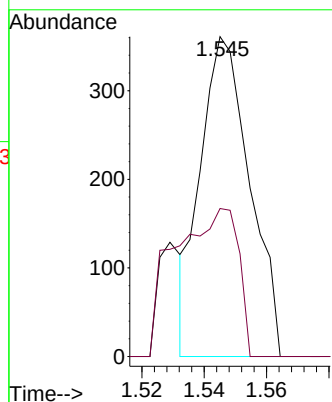


#8
Chloroethane
Concen: 0.075 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035556.D
Acq: 08 May 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

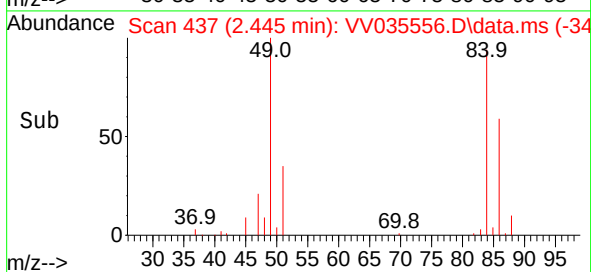
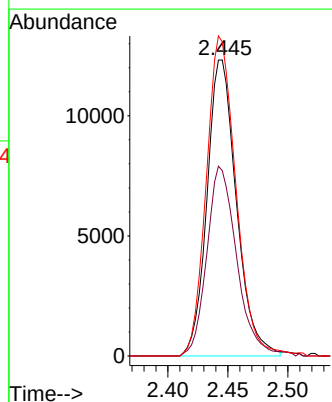
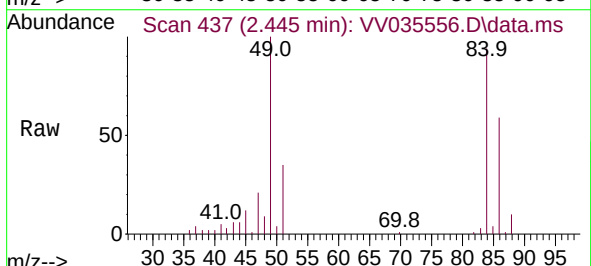


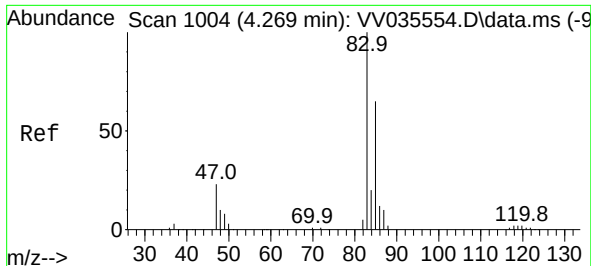
Tgt Ion: 64 Resp: 397
Ion Ratio Lower Upper
64 100
66 46.3 22.0 40.8#



#16
Methylene chloride
Concen: 2.248 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035556.D
Acq: 08 May 2024 10:41

Tgt Ion: 84 Resp: 21049
Ion Ratio Lower Upper
84 100
86 62.6 43.8 81.3
49 106.1 75.3 139.9





#25

Chloroform

Concen: 0.214 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035556.D

Acq: 08 May 2024 10:41

Instrument :

MSVOA_V

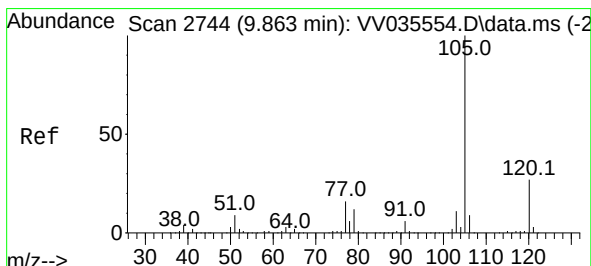
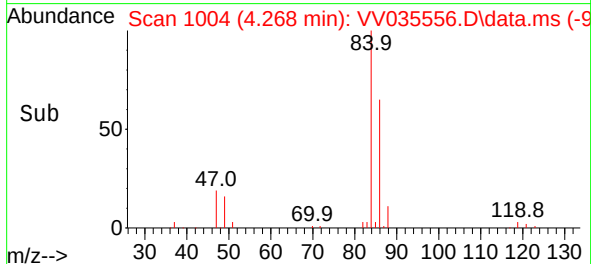
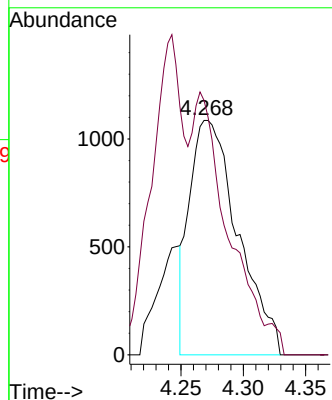
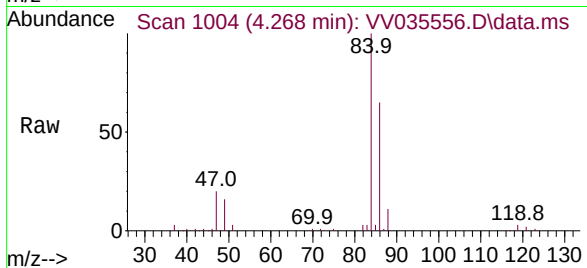
ClientSampleId :

Tgt Ion: 83 Resp: 2928

Ion Ratio Lower Upper

83 100

85 108.5 44.7 82.9#



#60

Isopropylbenzene

Concen: 0.051 ug/L

RT: 9.876 min Scan# 2748

Delta R.T. 0.013 min

Lab File: VV035556.D

Acq: 08 May 2024 10:41

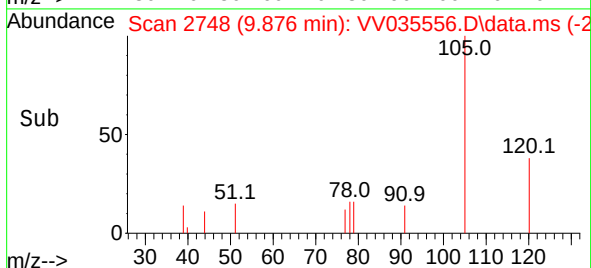
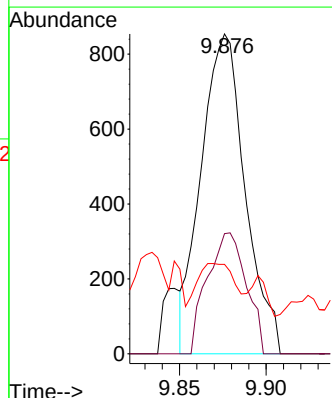
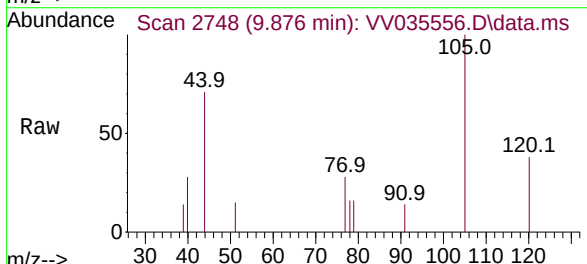
Tgt Ion: 105 Resp: 1511

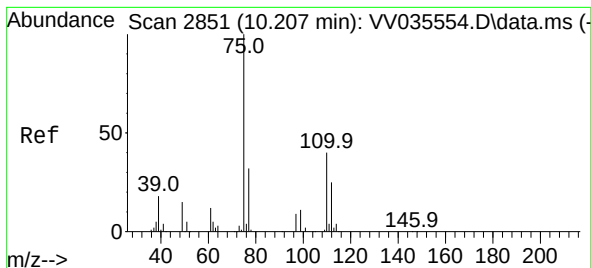
Ion Ratio Lower Upper

105 100

120 33.6 21.3 31.9#

77 6.8 12.2 18.2#





#61

1,2,3-Trichloropropane

Concen: 0.042 ug/L

RT: 10.207 min Scan# 219

Delta R.T. -0.000 min

Lab File: VV035556.D

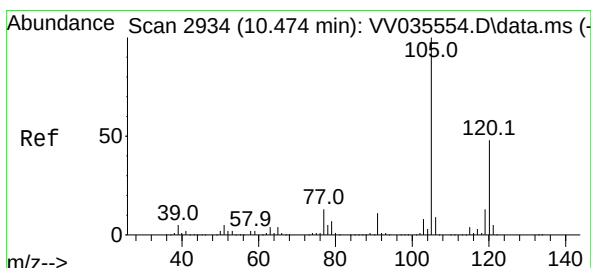
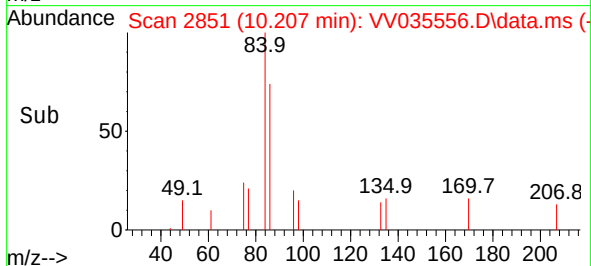
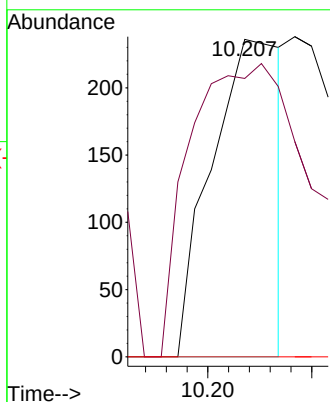
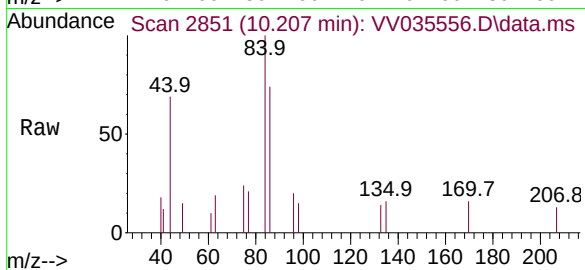
Acq: 08 May 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	219
Ion Ratio	Lower	Upper	
75	100		
77	81.3	25.7	38.5#
110	0.0	31.8	47.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.062 ug/L

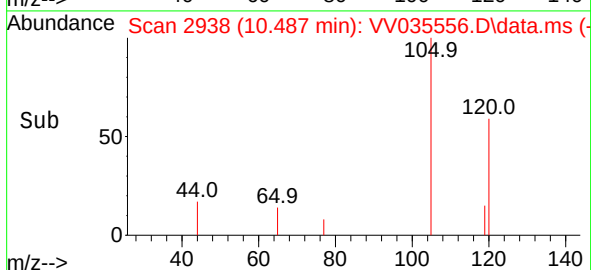
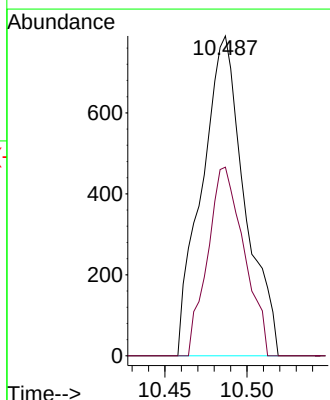
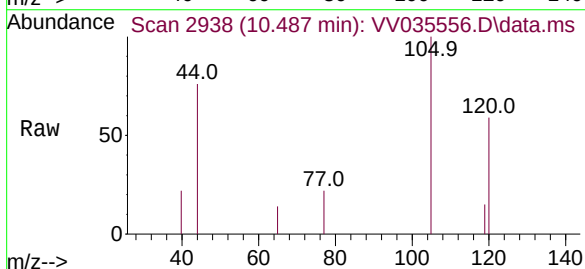
RT: 10.487 min Scan# 2938

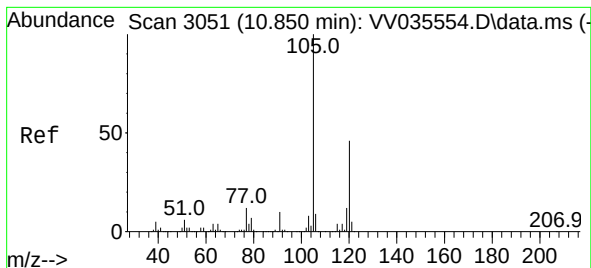
Delta R.T. 0.013 min

Lab File: VV035556.D

Acq: 08 May 2024 10:41

Tgt Ion:	105	Resp:	1432
Ion Ratio	Lower	Upper	
105	100		
120	50.1	39.4	59.0





#63

1,2,4-Trimethylbenzene

Concen: 0.060 ug/L

RT: 10.487 min Scan# 20

Delta R.T. -0.363 min

Lab File: VV035556.D

Acq: 08 May 2024 10:41

Instrument :

MSVOA_V

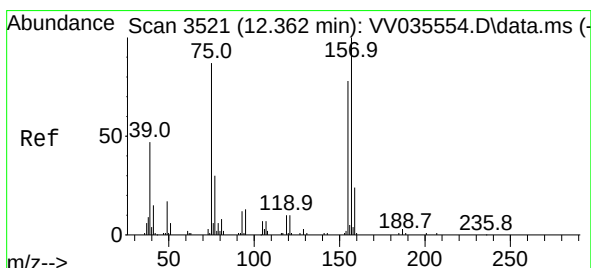
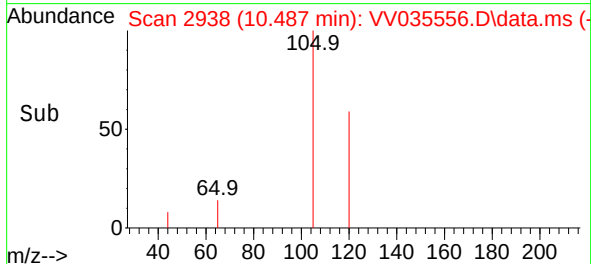
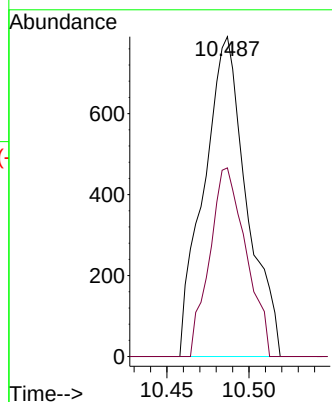
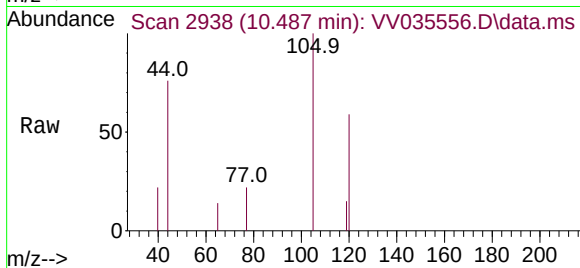
ClientSampleId :

Tgt Ion:105 Resp: 1432

Ion Ratio Lower Upper

105 100

120 50.1 36.6 55.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.057 ug/L

RT: 12.191 min Scan# 3468

Delta R.T. -0.171 min

Lab File: VV035556.D

Acq: 08 May 2024 10:41

Tgt Ion: 75 Resp: 1274

Ion Ratio Lower Upper

75 100

155 25.1 69.8 104.6#

157 0.0 95.0 142.6#

