

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
 Data File : VV035546.D
 Acq On : 07 May 2024 11:57
 Operator : SY/MD
 Sample : VV0507WBL03
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 02:25:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:24:43 2024
 Response via : Initial Calibration

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

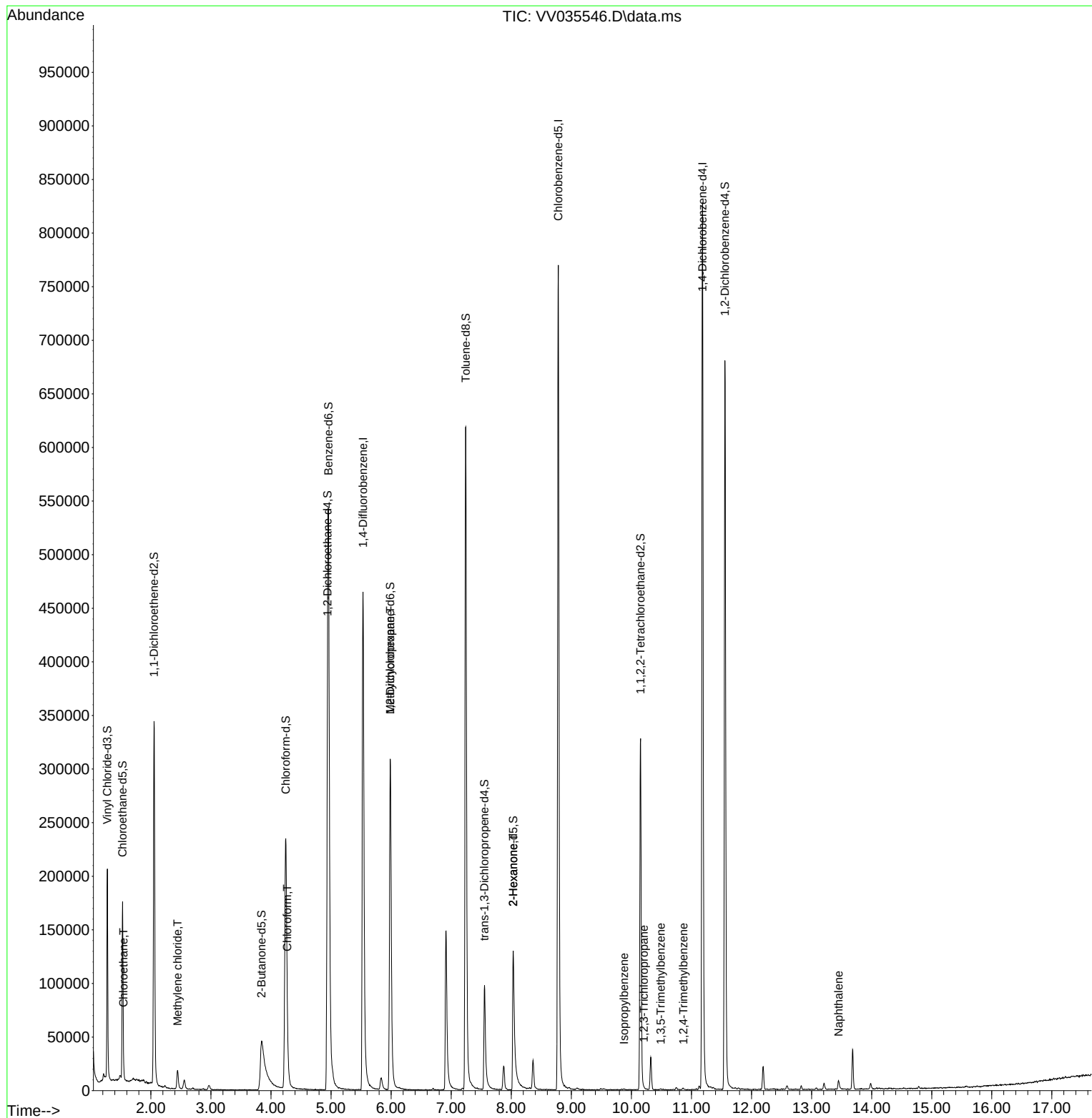
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	433288	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	454763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	229563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	127126	18.983	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.920%		
7) Chloroethane-d5	1.529	69	108948	20.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.680%		
11) 1,1-Dichloroethene-d2	2.053	65	59049	19.916	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.680%		
21) 2-Butanone-d5	3.841	46	70851	37.279	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.560%		
24) Chloroform-d	4.246	84	265837	20.637	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.560%		
26) 1,2-Dichloroethane-d4	4.940	65	141614	22.238	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.960%		
32) Benzene-d6	4.957	84	513447	20.626	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.520%		
36) 1,2-Dichloropropane-d6	5.985	67	166181	21.632	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.520%		
41) Toluene-d8	7.243	98	441841	19.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.760%		
43) trans-1,3-Dichloroprop...	7.554	79	68734	20.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.680%		
47) 2-Hexanone-d5	8.034	63	60740	43.970	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.940%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	168478	22.759	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.040%		
66) 1,2-Dichlorobenzene-d4	11.558	152	184455	23.153	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.600%		
Target Compounds						Qvalue
8) Chloroethane	1.545	64	116	0.021	ug/L #	48
16) Methylene chloride	2.445	84	7863	0.787	ug/L	98
25) Chloroform	4.272	83	1613	0.110	ug/L #	37
35) Methylcyclohexane	5.985	83	40394	3.125	ug/L #	21
48) 2-Hexanone	8.034	43	6333	1.796	ug/L #	69
60) Isopropylbenzene	9.876	105	696	0.023	ug/L #	94
61) 1,2,3-Trichloropropane	10.210	75	217	0.040	ug/L #	47
62) 1,3,5-Trimethylbenzene	10.487	105	787	0.033	ug/L #	81
63) 1,2,4-Trimethylbenzene	10.866	105	1238	0.050	ug/L #	75
71) Naphthalene	13.448	128	8643	0.470	ug/L	96

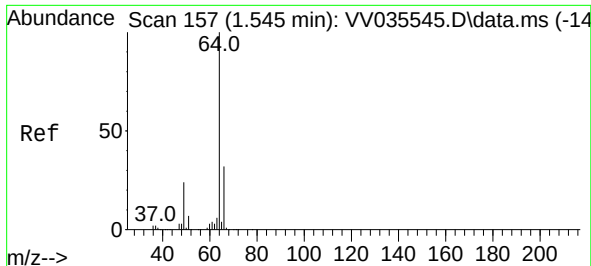
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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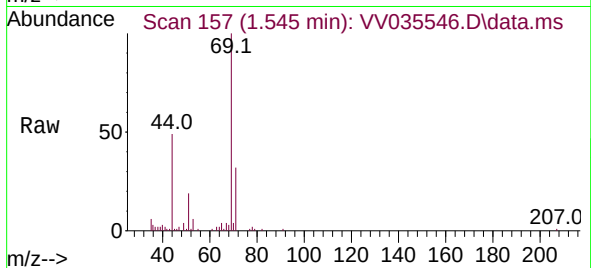
Quant Time: May 08 02:25:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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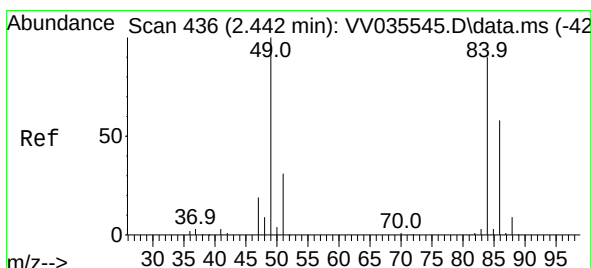
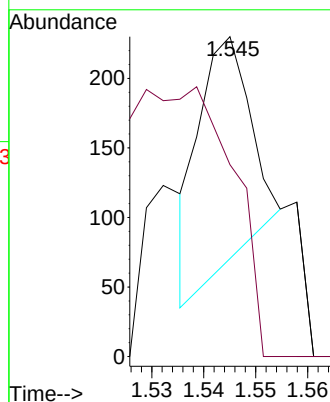
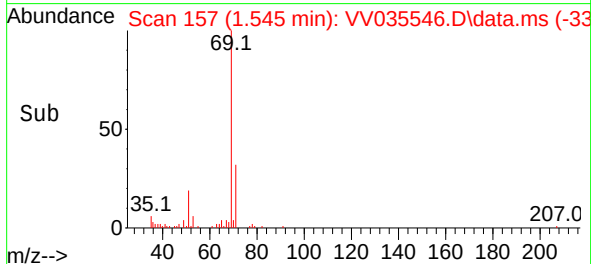


#8
Chloroethane
Concen: 0.021 ug/L
RT: 1.545 min Scan# 116
Delta R.T. -0.000 min
Lab File: VV035546.D
Acq: 07 May 2024 11:57

Instrument :
MSVOA_V
ClientSampleId :

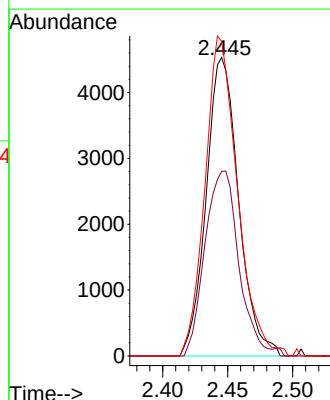
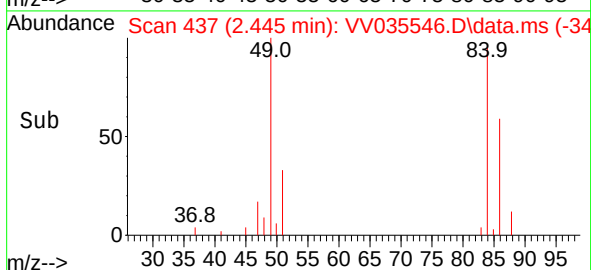
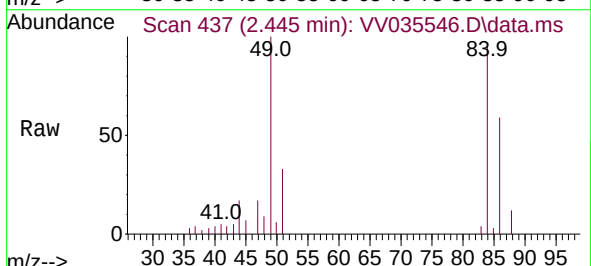


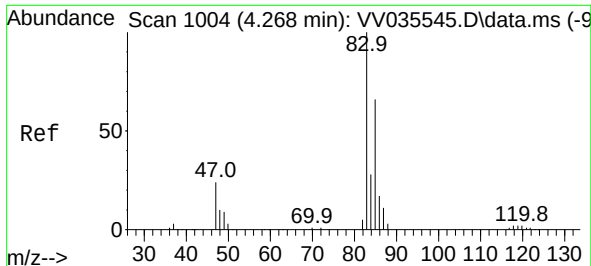
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 60.0 22.0 40.8#



#16
Methylene chloride
Concen: 0.787 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035546.D
Acq: 07 May 2024 11:57

Tgt Ion: 84 Resp: 7863
Ion Ratio Lower Upper
84 100
86 61.9 43.8 81.3
49 105.5 75.3 139.9





#25

Chloroform

Concen: 0.110 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035546.D

Acq: 07 May 2024 11:57

Instrument :

MSVOA_V

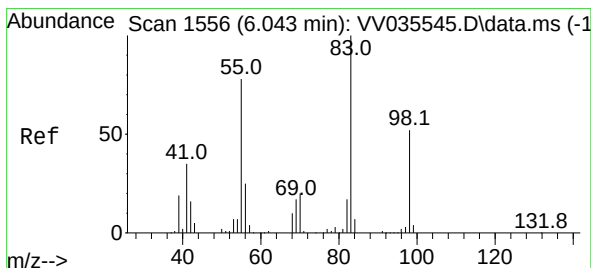
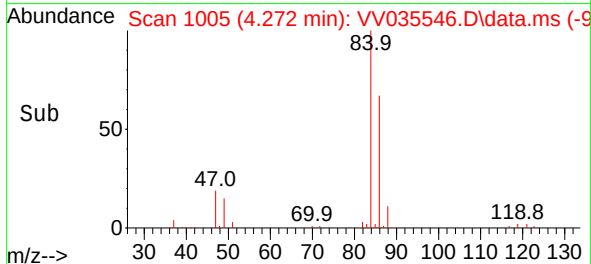
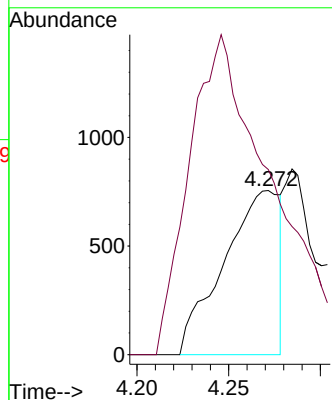
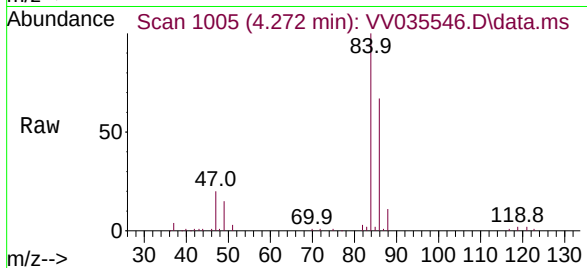
ClientSampleId :

Tgt Ion: 83 Resp: 1613

Ion Ratio Lower Upper

83 100

85 112.7 44.7 82.9#



#35

Methylcyclohexane

Concen: 3.125 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV035546.D

Acq: 07 May 2024 11:57

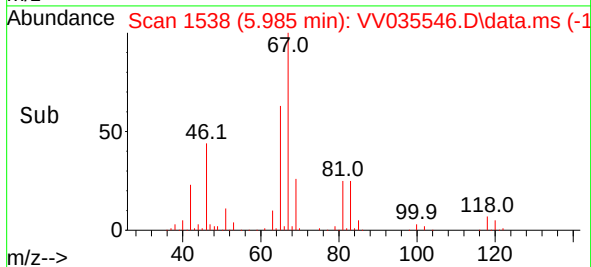
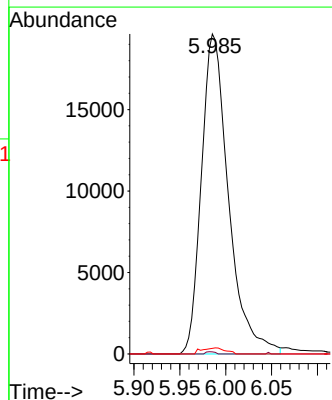
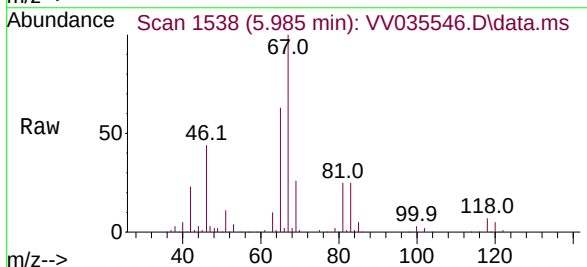
Tgt Ion: 83 Resp: 40394

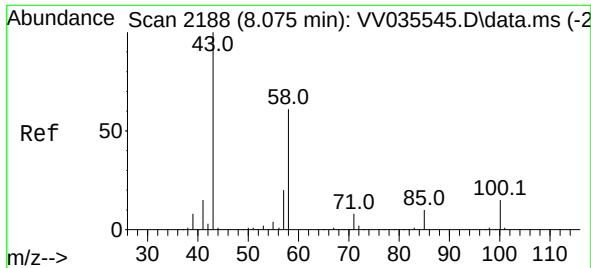
Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

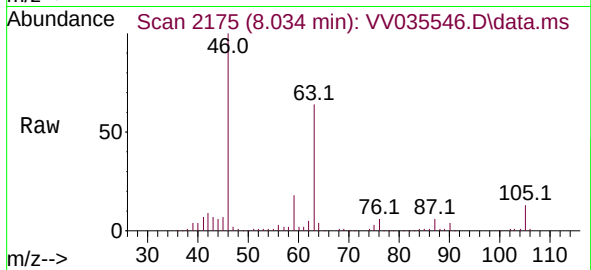
98 1.4 38.6 58.0#



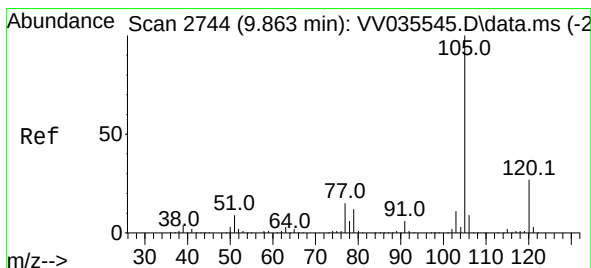
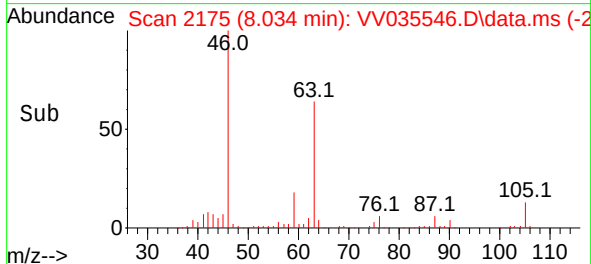
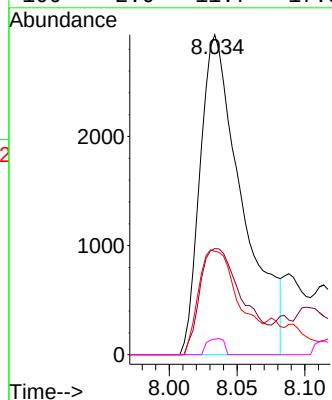


#48
2-Hexanone
Concen: 1.796 ug/L
RT: 8.034 min Scan# 2188
Delta R.T. -0.042 min
Lab File: VV035546.D
Acq: 07 May 2024 11:57

Instrument :
MSVOA_V
ClientSampleId :

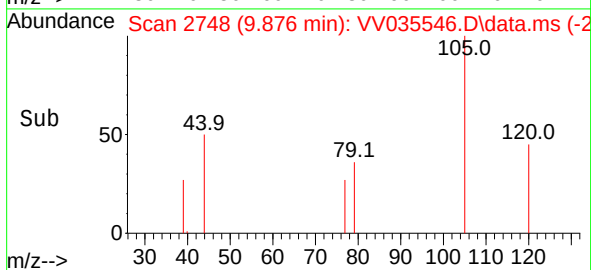
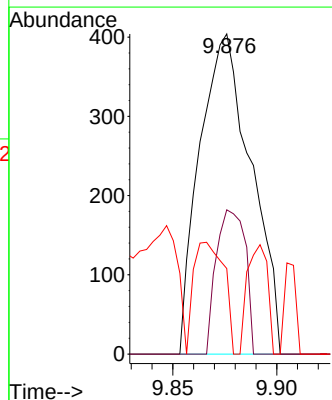
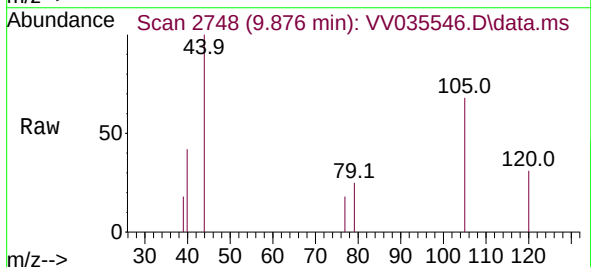


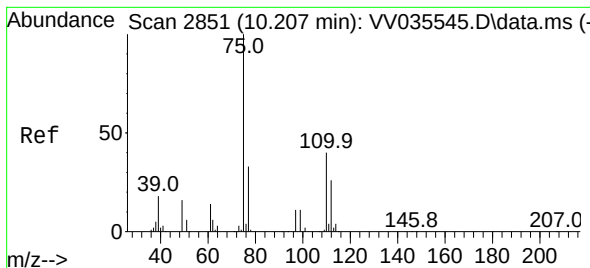
Tgt	Ion: 43	Resp:	6333
Ion	Ratio	Lower	Upper
43	100		
58	34.8	48.8	73.2#
57	31.8	16.9	25.3#
100	2.0	11.7	17.5#



#60
Isopropylbenzene
Concen: 0.023 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.013 min
Lab File: VV035546.D
Acq: 07 May 2024 11:57

Tgt Ion:105	Resp: 696
Ion Ratio	Lower Upper
105 100	
120 25.3	21.3 31.9
77 20.5	12.2 18.2#





#61

1,2,3-Trichloropropane

Concen: 0.040 ug/L

RT: 10.210 min Scan# 217

Delta R.T. 0.003 min

Lab File: VV035546.D

Acq: 07 May 2024 11:57

Instrument :

MSVOA_V

ClientSampleId :

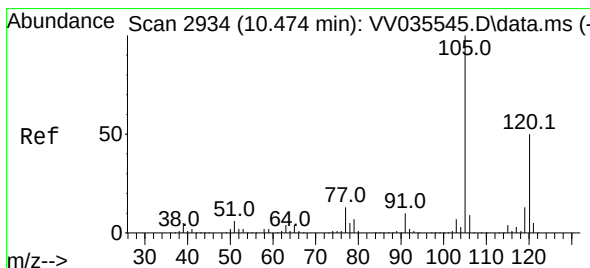
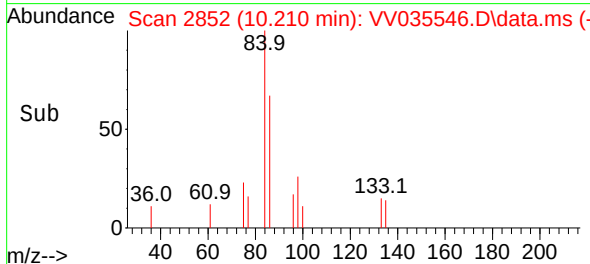
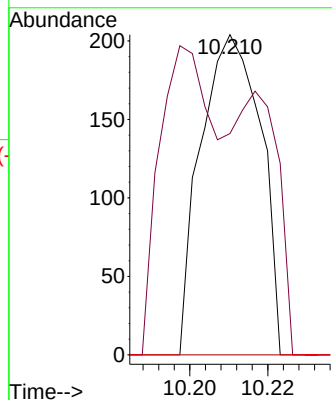
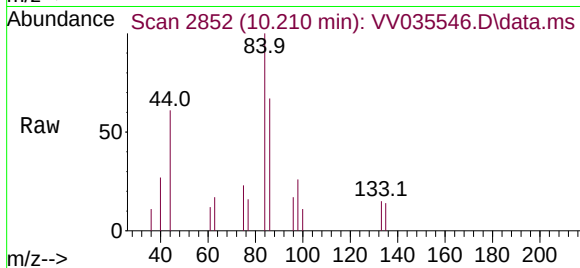
Tgt Ion: 75 Resp: 217

Ion Ratio Lower Upper

75 100

77 53.9 25.7 38.5#

110 0.0 31.8 47.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. 0.013 min

Lab File: VV035546.D

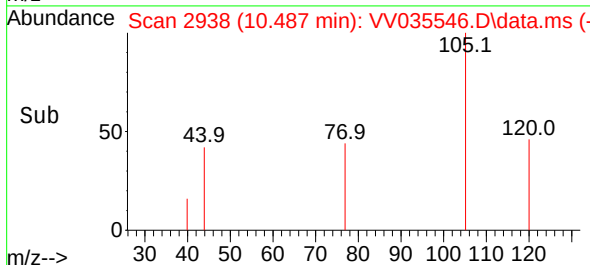
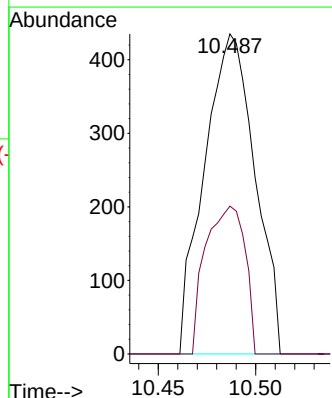
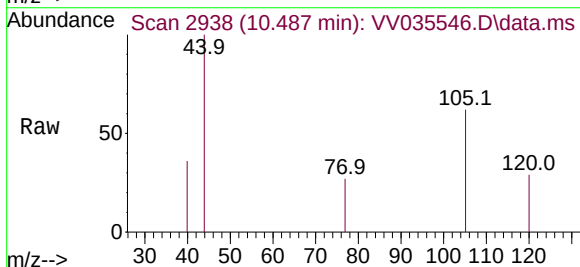
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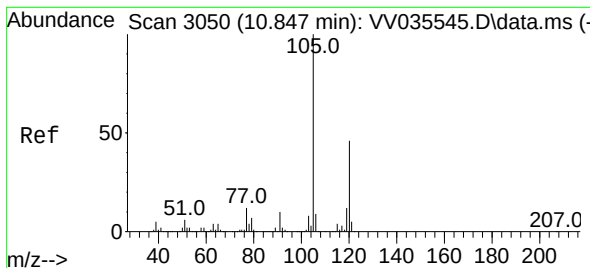
Tgt Ion: 105 Resp: 787

Ion Ratio Lower Upper

105 100

120 36.0 39.4 59.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.050 ug/L

RT: 10.866 min Scan# 3056

Delta R.T. 0.019 min

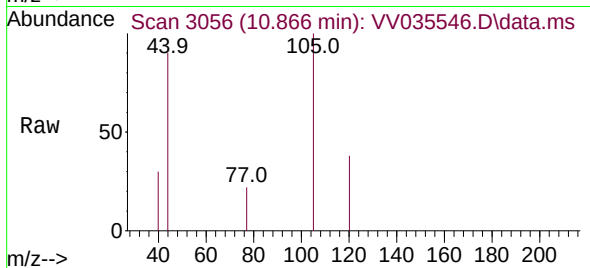
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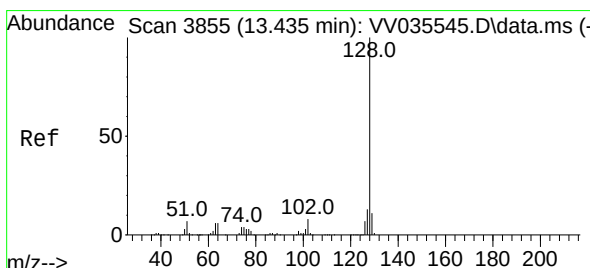
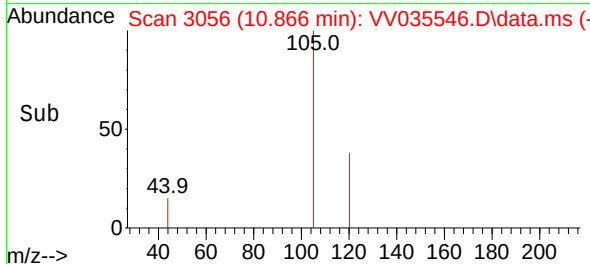
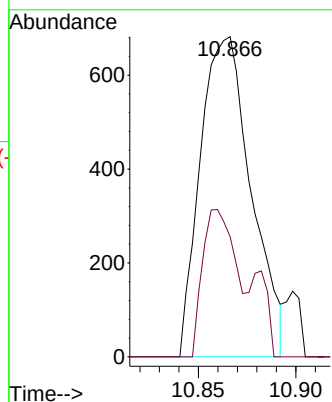


Tgt Ion:105 Resp: 1238

Ion Ratio Lower Upper

105 100

120 29.4 36.6 55.0#



#71

Naphthalene

Concen: 0.470 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV035546.D

Acq: 07 May 2024 11:57

Tgt Ion:128 Resp: 8643

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 8.6 8.6 13.0

