

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
 Data File : VV035548.D
 Acq On : 07 May 2024 12:42
 Operator : SY/MD
 Sample : VV0507WBL05
 Misc : 5.00g/10.0mL/MSVOA_V/SoIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 02:25:34 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)

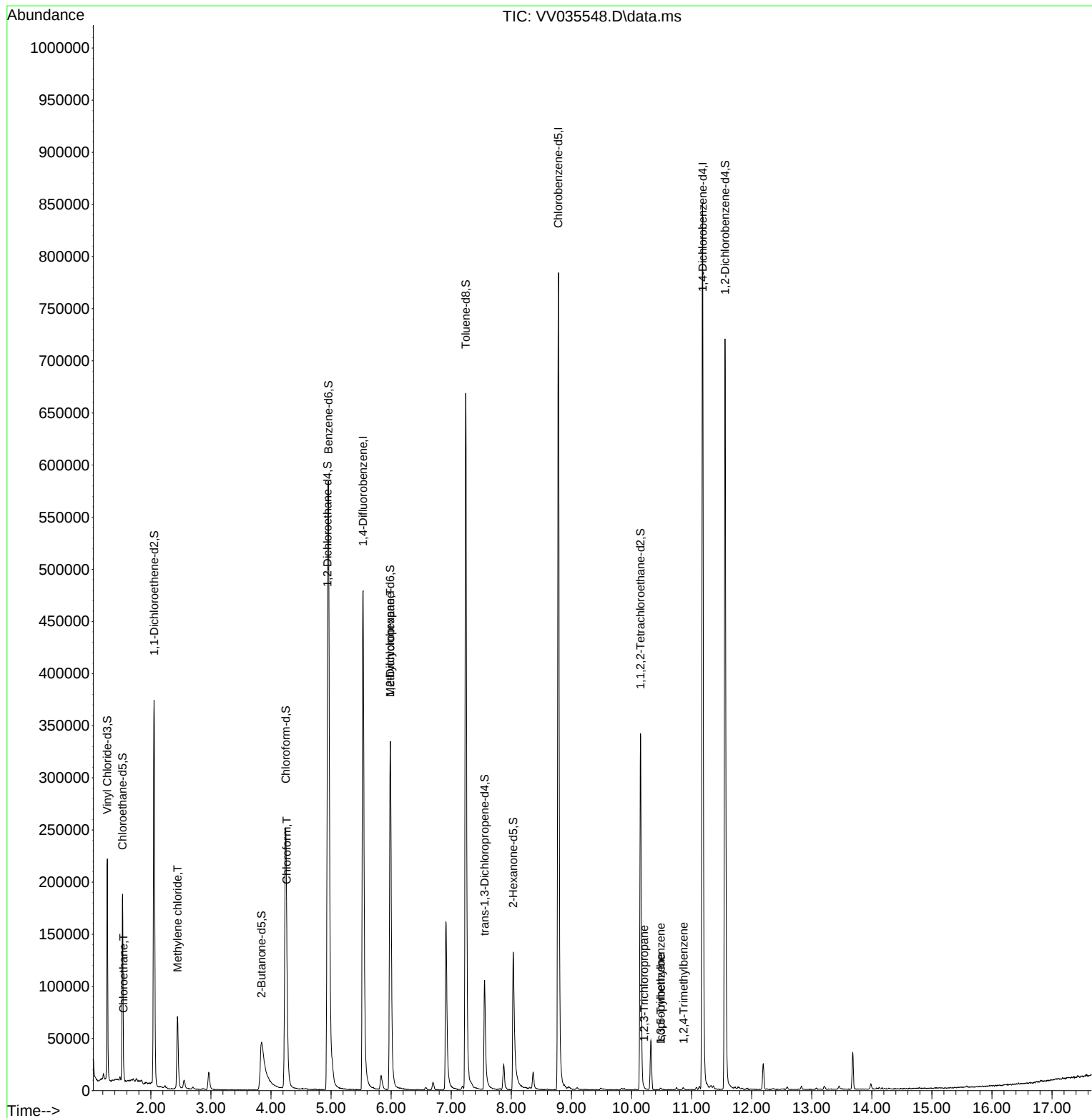
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	442255	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	461870	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236346	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	138561	20.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	1.529	69	119780	21.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	2.053	65	63539	20.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.000%
21) 2-Butanone-d5	3.841	46	63735	32.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.720%
24) Chloroform-d	4.246	84	288850	21.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	4.940	65	153076	23.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.957	84	553207	21.881	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	5.985	67	179212	22.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	7.239	98	477264	21.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	7.555	79	71305	21.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.480%
47) 2-Hexanone-d5	8.030	63	59213	42.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	174308	23.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	198776	24.234	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						Qvalue
8) Chloroethane	1.545	64	453	0.079	ug/L	86
16) Methylene chloride	2.442	84	31410	3.080	ug/L	92
25) Chloroform	4.262	83	1595	0.107	ug/L #	36
35) Methylcyclohexane	5.985	83	43079	3.282	ug/L #	21
60) Isopropylbenzene	10.487	105	1323	0.042	ug/L	93
61) 1,2,3-Trichloropropane	10.207	75	277	0.050	ug/L #	52
62) 1,3,5-Trimethylbenzene	10.487	105	1323	0.054	ug/L #	75
63) 1,2,4-Trimethylbenzene	10.866	105	1228	0.048	ug/L #	58

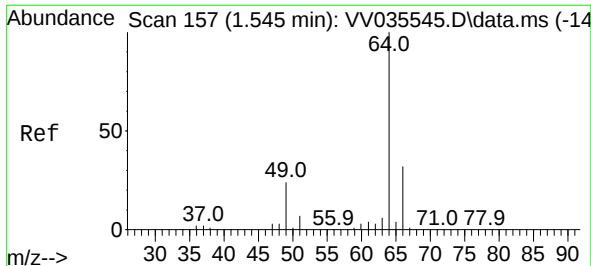
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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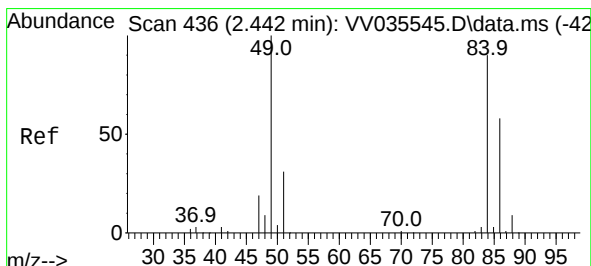
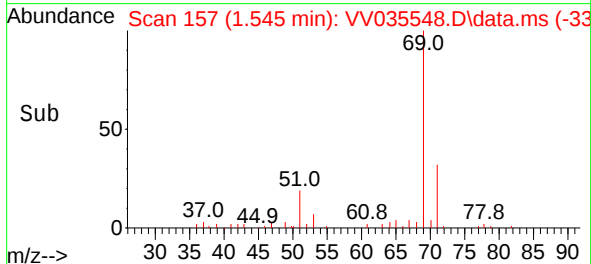
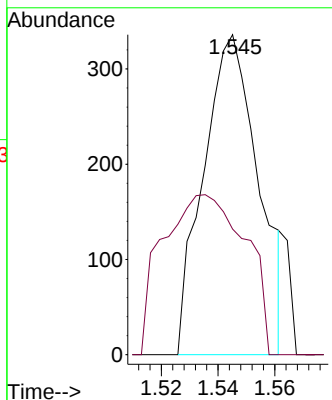
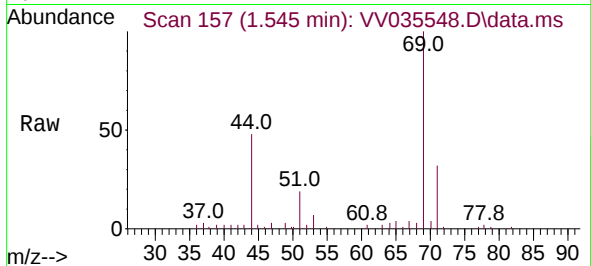




#8
Chloroethane
Concen: 0.079 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035548.D
Acq: 07 May 2024 12:42

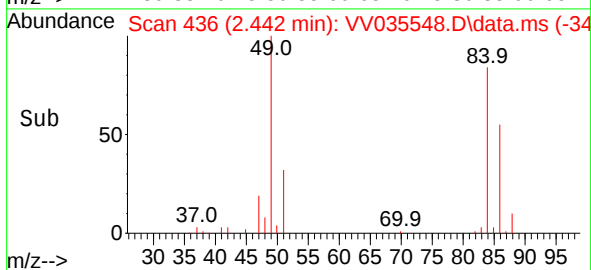
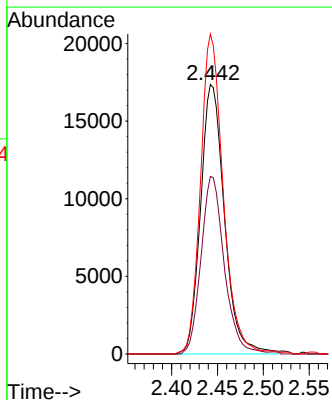
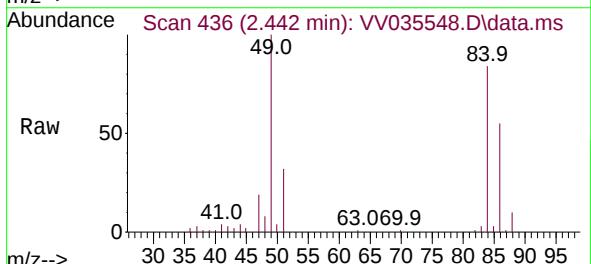
Instrument :
MSVOA_V
ClientSampleId :

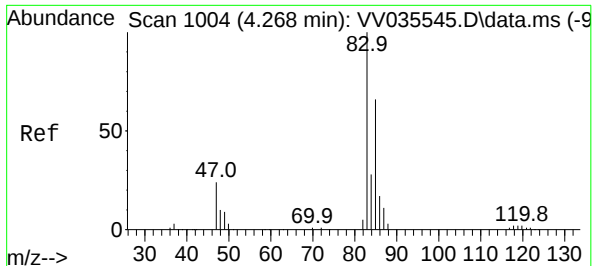
Tgt Ion: 64 Resp: 453
Ion Ratio Lower Upper
64 100
66 39.3 22.0 40.8



#16
Methylene chloride
Concen: 3.080 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035548.D
Acq: 07 May 2024 12:42

Tgt Ion: 84 Resp: 31410
Ion Ratio Lower Upper
84 100
86 65.8 43.8 81.3
49 118.8 75.3 139.9





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.262 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV035548.D

Acq: 07 May 2024 12:42

Instrument :

MSVOA_V

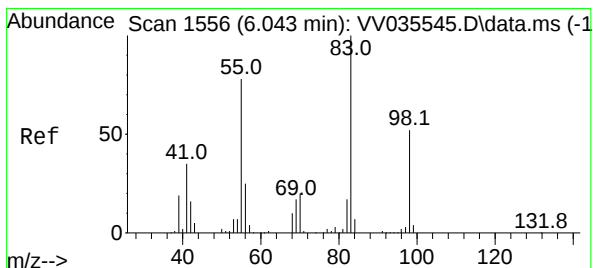
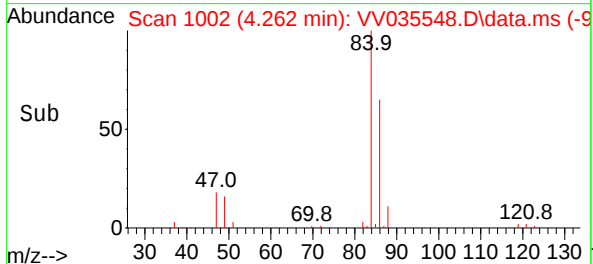
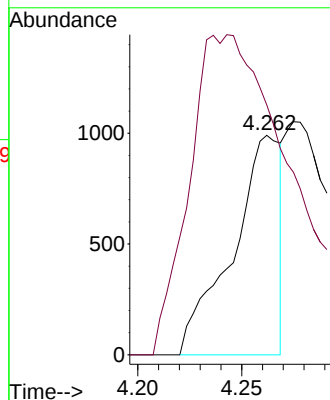
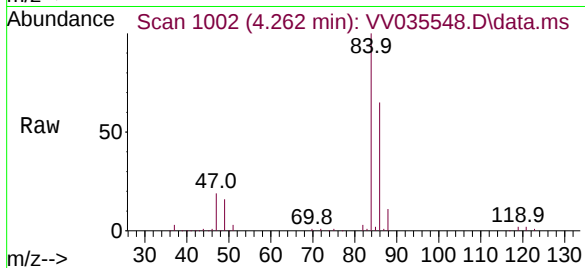
ClientSampleId :

Tgt Ion: 83 Resp: 1595

Ion Ratio Lower Upper

83 100

85 113.8 44.7 82.9#



#35

Methylcyclohexane

Concen: 3.282 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV035548.D

Acq: 07 May 2024 12:42

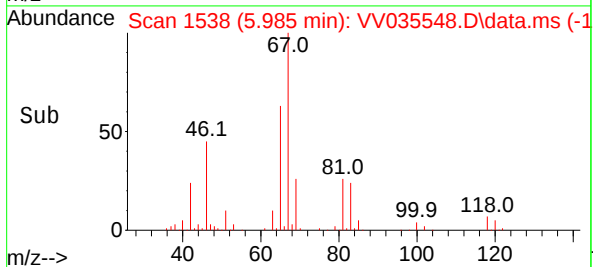
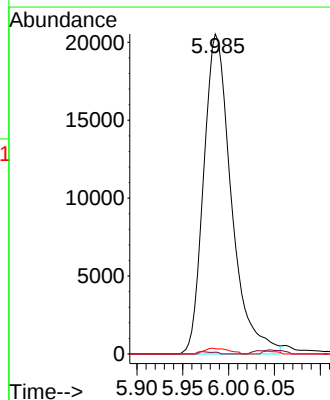
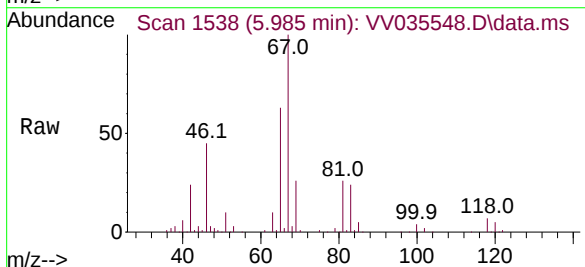
Tgt Ion: 83 Resp: 43079

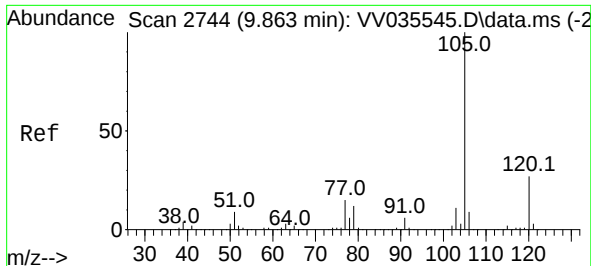
Ion Ratio Lower Upper

83 100

55 0.1 57.5 86.3#

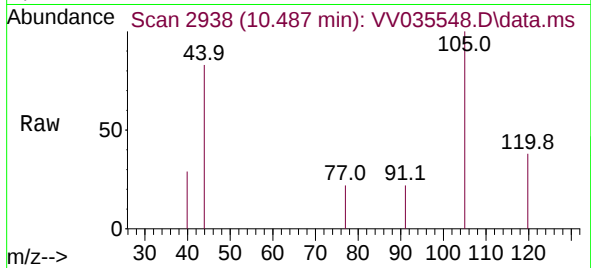
98 1.5 38.6 58.0#



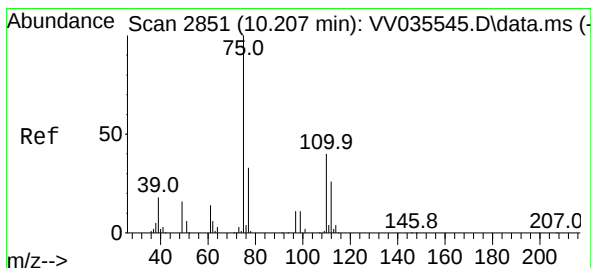
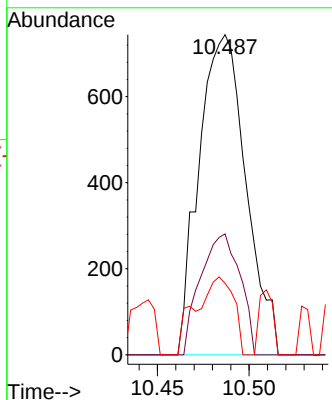
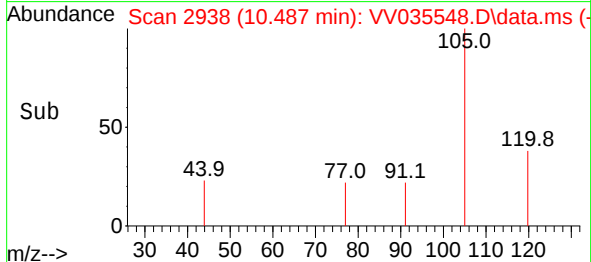


#60
Isopropylbenzene
Concen: 0.042 ug/L
RT: 10.487 min Scan# 2938
Delta R.T. 0.624 min
Lab File: VV035548.D
Acq: 07 May 2024 12:42

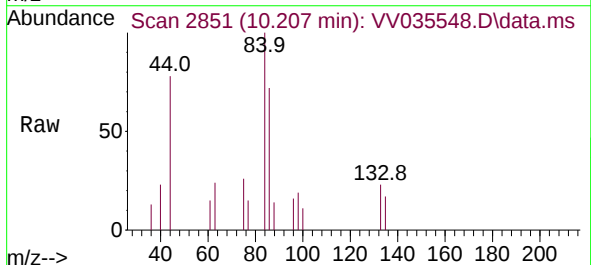
Instrument :
MSVOA_V
ClientSampleId :



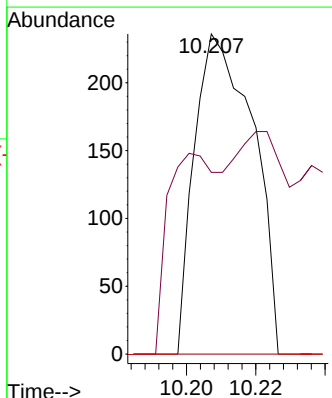
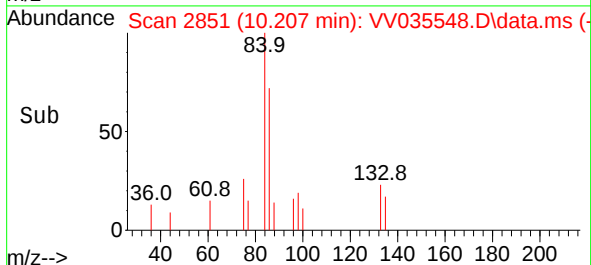
Tgt Ion:105 Resp: 1323
Ion Ratio Lower Upper
105 100
120 31.9 21.3 31.9
77 15.0 12.2 18.2

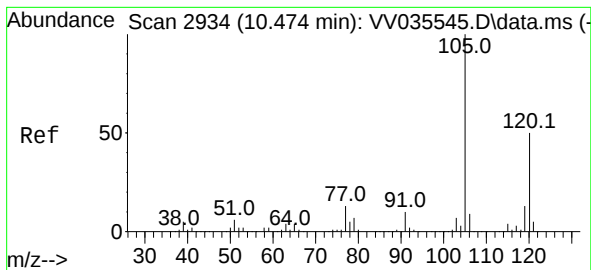


#61
1,2,3-Trichloropropane
Concen: 0.050 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035548.D
Acq: 07 May 2024 12:42



Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
77 47.7 25.7 38.5#
110 0.0 31.8 47.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.054 ug/L

RT: 10.487 min Scan# 2934

Delta R.T. 0.013 min

Lab File: VV035548.D

Acq: 07 May 2024 12:42

Instrument :

MSVOA_V

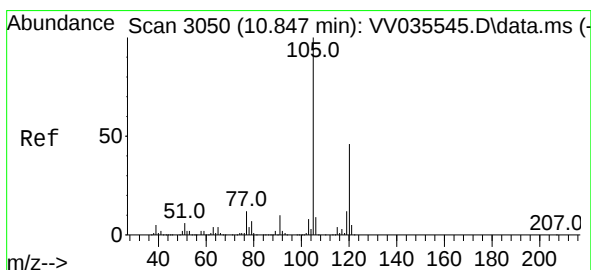
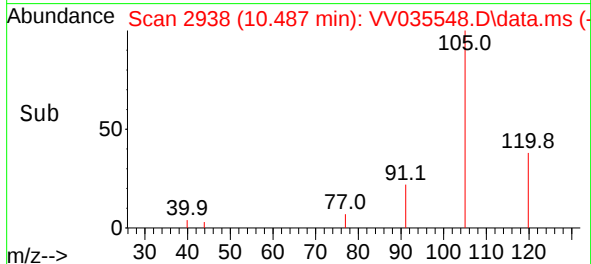
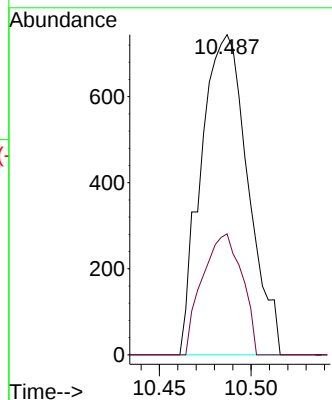
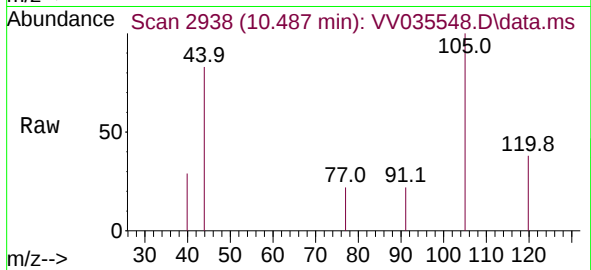
ClientSampleId :

Tgt Ion:105 Resp: 1323

Ion Ratio Lower Upper

105 100

120 31.9 39.4 59.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.048 ug/L

RT: 10.866 min Scan# 3056

Delta R.T. 0.019 min

Lab File: VV035548.D

Acq: 07 May 2024 12:42

Tgt Ion:105 Resp: 1228

Ion Ratio Lower Upper

105 100

120 17.9 36.6 55.0#

