

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
 Data File : VV035555.D
 Acq On : 08 May 2024 10:02
 Operator : SY/MD
 Sample : VV0508SBL03
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 01:18:12 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)

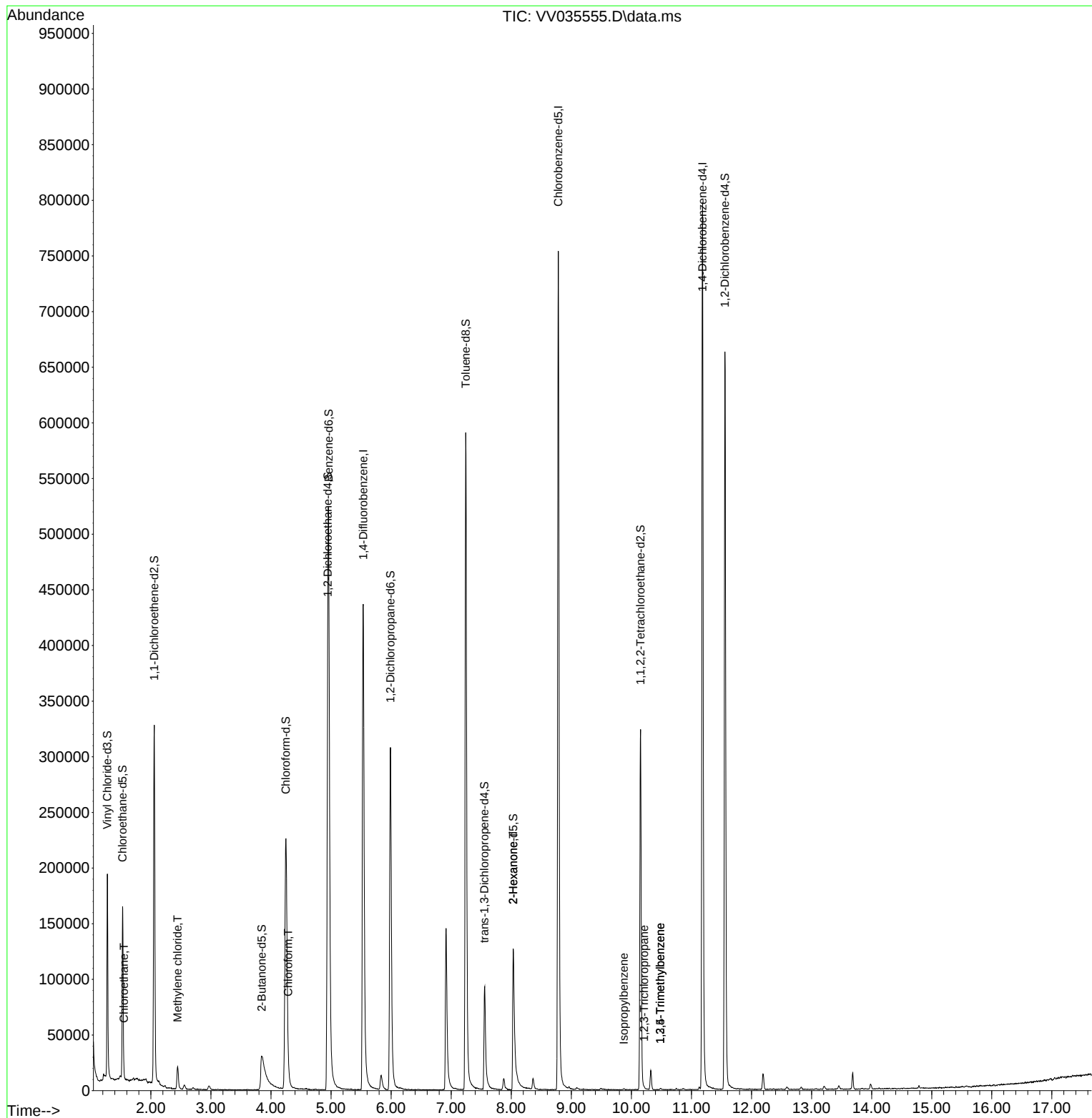
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	411440	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	441306	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	220483	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	119497	18.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.160%
7) Chloroethane-d5	1.529	69	103821	20.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
11) 1,1-Dichloroethene-d2	2.056	65	55414	19.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.720%
21) 2-Butanone-d5	3.847	46	66262	36.716	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.440%
24) Chloroform-d	4.246	84	261207	21.355	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.944	65	140876	23.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.960	84	492115	20.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.480%
36) 1,2-Dichloropropane-d6	5.989	67	164297	22.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	7.243	98	421469	19.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.555	79	62697	19.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.640%
47) 2-Hexanone-d5	8.034	63	56545	42.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	165200	22.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	180463	23.584	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.320%
Target Compounds						Qvalue
8) Chloroethane	1.552	64	439	0.082	ug/L #	43
16) Methylene chloride	2.445	84	9211	0.971	ug/L	97
25) Chloroform	4.285	83	3380	0.244	ug/L	78
48) 2-Hexanone	8.034	43	6005	1.755	ug/L #	64
60) Isopropylbenzene	9.873	105	802	0.027	ug/L #	65
61) 1,2,3-Trichloropropane	10.210	75	280	0.054	ug/L #	2
62) 1,3,5-Trimethylbenzene	10.480	105	921	0.040	ug/L	93
63) 1,2,4-Trimethylbenzene	10.480	105	921	0.039	ug/L	98

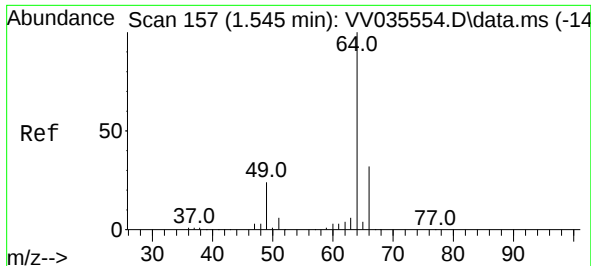
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.082 ug/L

RT: 1.552 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

Instrument :

MSVOA_V

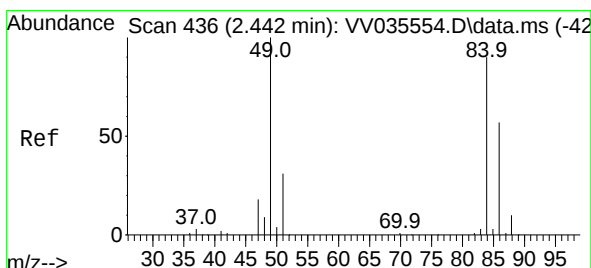
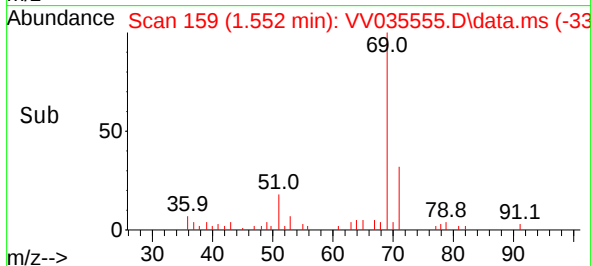
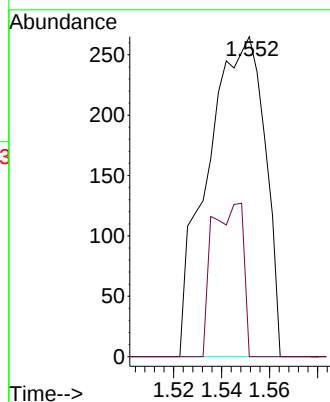
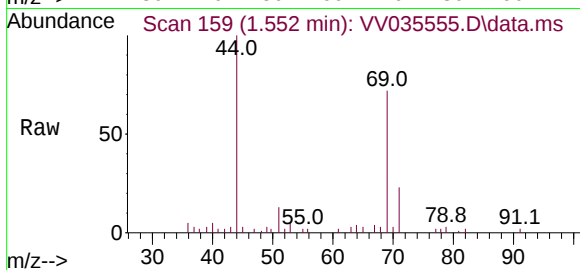
ClientSampleId :

Tgt Ion: 64 Resp: 439

Ion Ratio Lower Upper

64 100

66 0.0 22.0 40.8#



#16

Methylene chloride

Concen: 0.971 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

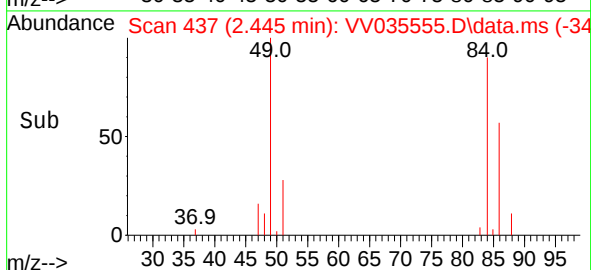
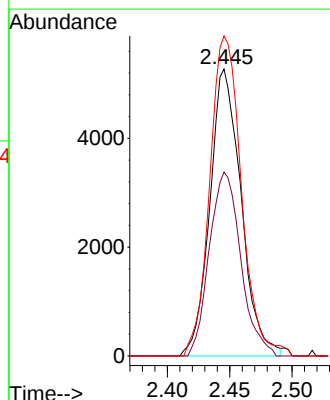
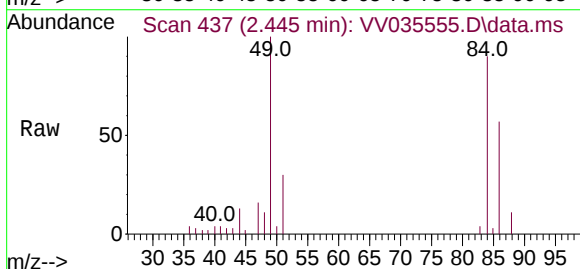
Tgt Ion: 84 Resp: 9211

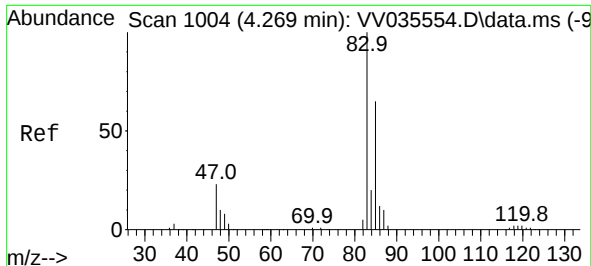
Ion Ratio Lower Upper

84 100

86 64.1 43.8 81.3

49 111.5 75.3 139.9





#25

Chloroform

Concen: 0.244 ug/L

RT: 4.285 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

Instrument :

MSVOA_V

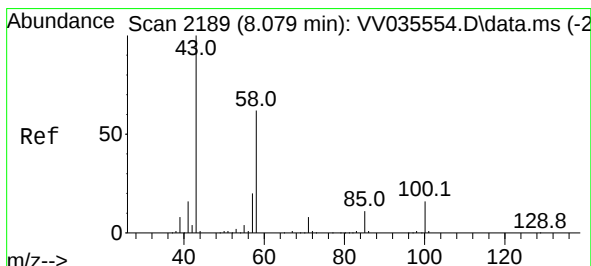
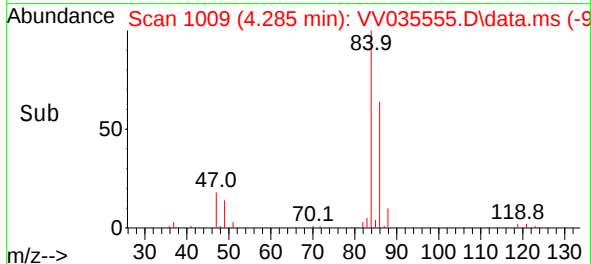
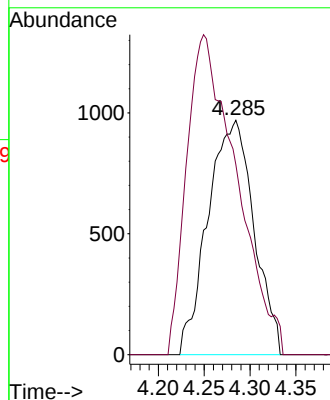
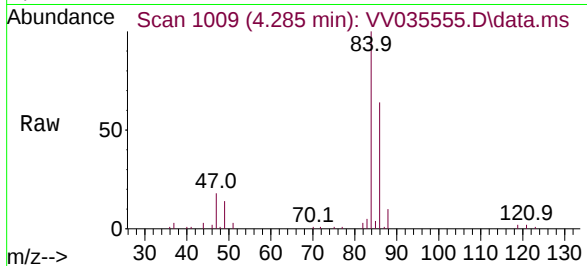
ClientSampleId :

Tgt Ion: 83 Resp: 3380

Ion Ratio Lower Upper

83 100

85 81.0 44.7 82.9



#48

2-Hexanone

Concen: 1.755 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

Tgt Ion: 43 Resp: 6005

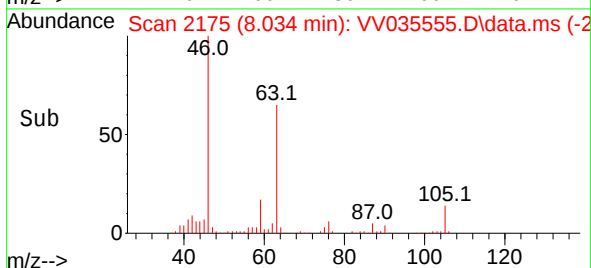
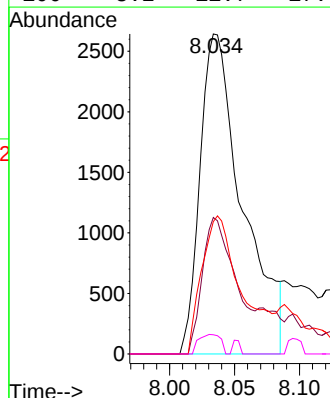
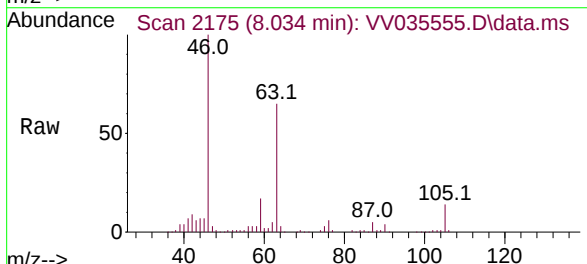
Ion Ratio Lower Upper

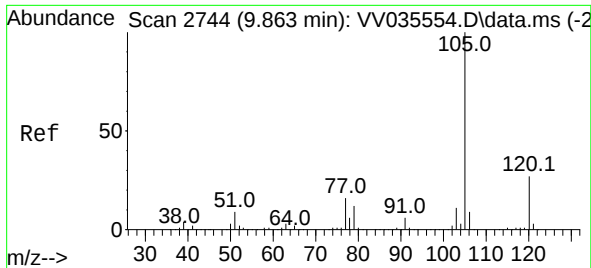
43 100

58 33.7 48.8 73.2#

57 40.4 16.9 25.3#

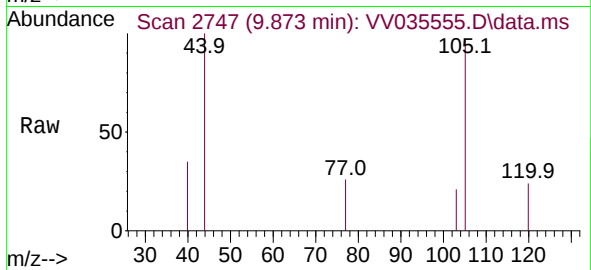
100 3.2 11.7 17.5#



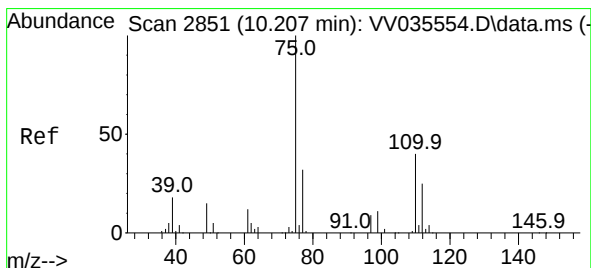
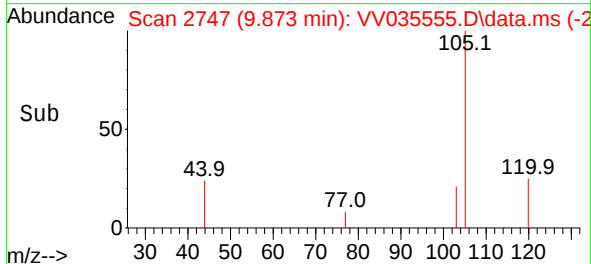
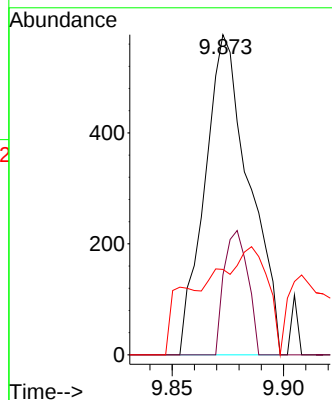


#60
Isopropylbenzene
Concen: 0.027 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV035555.D
Acq: 08 May 2024 10:02

Instrument :
MSVOA_V
ClientSampleId :

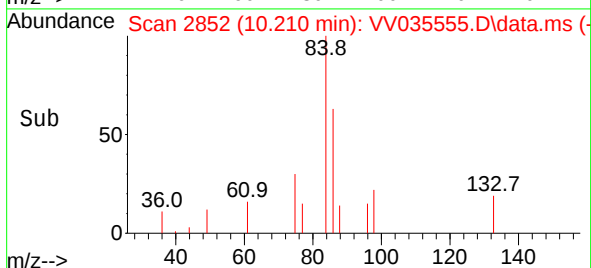
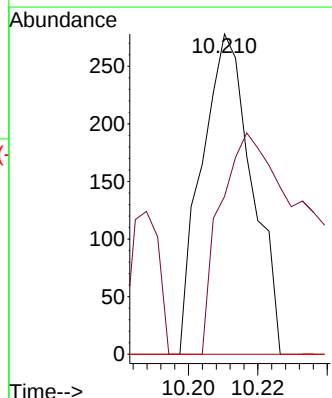
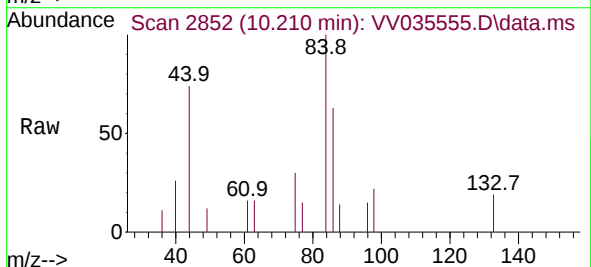


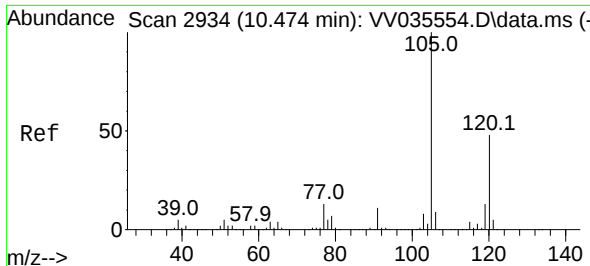
Tgt Ion:105 Resp: 802
Ion Ratio Lower Upper
105 100
120 0.0 21.3 31.9#
77 12.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 0.054 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035555.D
Acq: 08 May 2024 10:02

Tgt Ion: 75 Resp: 280
Ion Ratio Lower Upper
75 100
77 110.4 25.7 38.5#
110 0.0 31.8 47.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.006 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

Instrument :

MSVOA_V

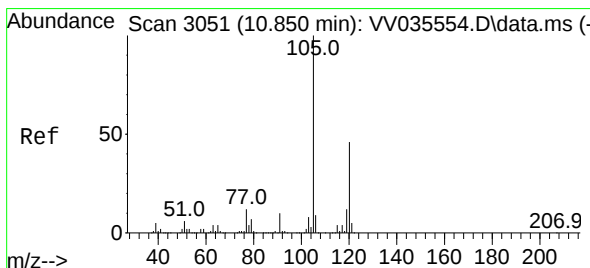
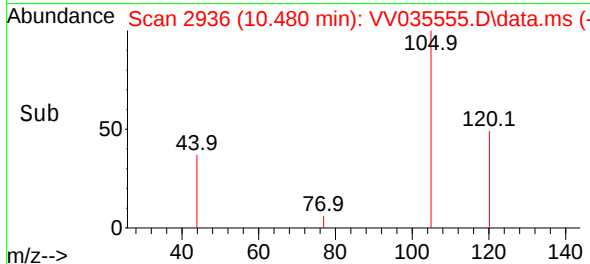
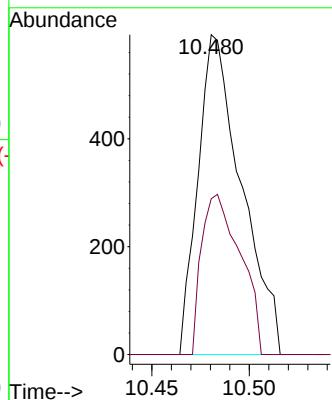
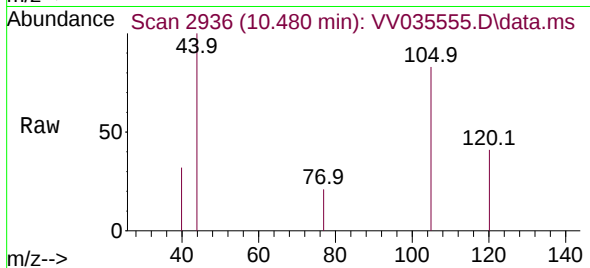
ClientSampleId :

Tgt Ion:105 Resp: 921

Ion Ratio Lower Upper

105 100

120 44.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.039 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.370 min

Lab File: VV035555.D

Acq: 08 May 2024 10:02

Tgt Ion:105 Resp: 921

Ion Ratio Lower Upper

105 100

120 44.7 36.6 55.0

