

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077687.D
 Acq On : 24 Nov 2023 12:52
 Operator : JC/SY
 Sample : 05497-05
 Misc : 4.20G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 00:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 27 00:00:09 2023
 Response via : Initial Calibration

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

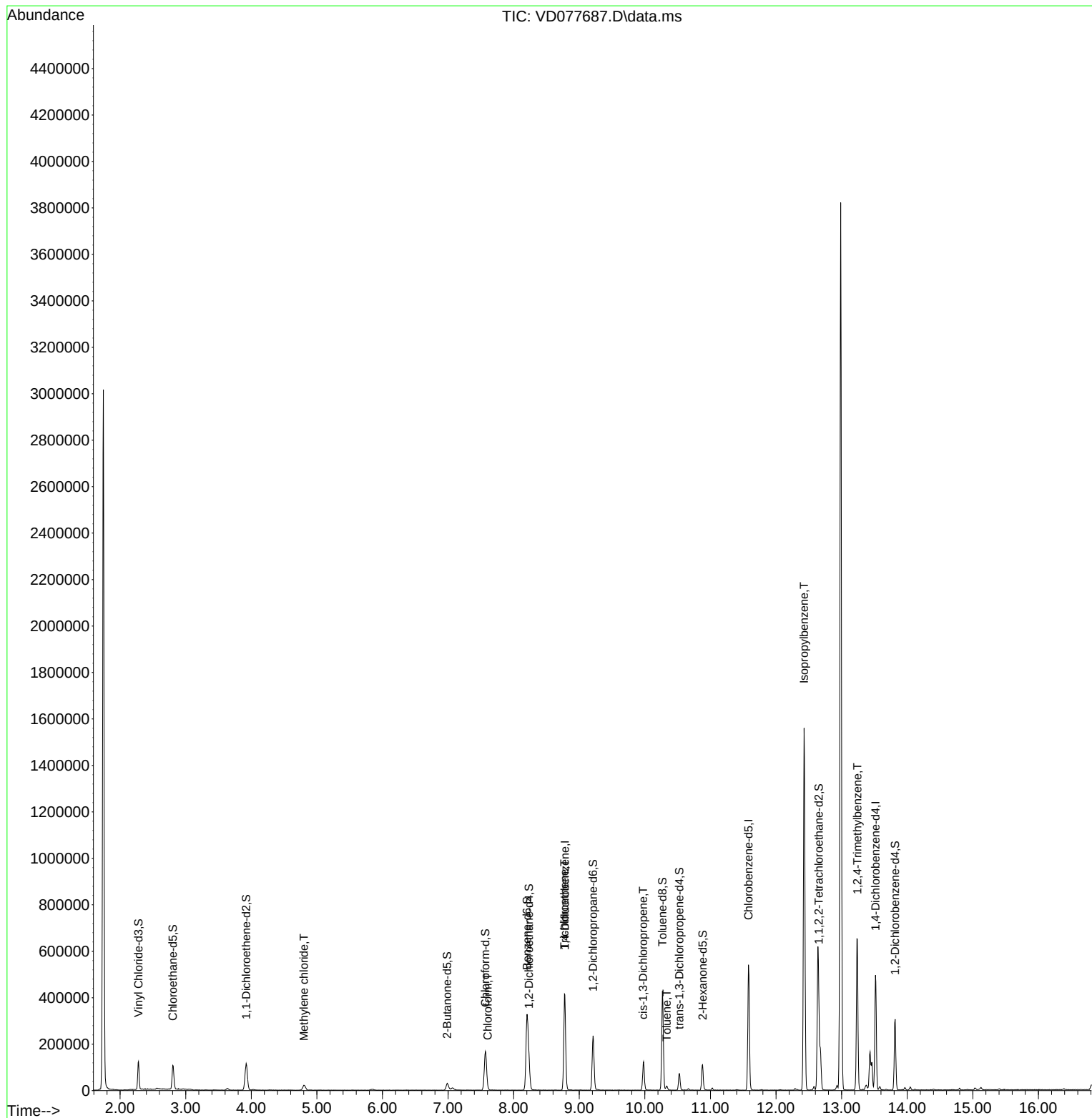
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	338491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	287220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	125786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	111723	12.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.880%
7) Chloroethane-d5	2.805	69	108033	15.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.880%
11) 1,1-Dichloroethene-d2	3.922	65	34520	12.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.840%
21) 2-Butanone-d5	6.987	46	52892	35.479	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.960%
24) Chloroform-d	7.569	84	172177	17.608	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.440%
26) 1,2-Dichloroethane-d4	8.234	65	92605	17.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.200%
32) Benzene-d6	8.204	84	324151	17.389	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.560%
36) 1,2-Dichloropropane-d6	9.210	67	112734	18.566	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.280%
41) Toluene-d8	10.269	98	277222	16.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.840%
43) trans-1,3-Dichloroprop...	10.528	79	41459	15.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.360%
47) 2-Hexanone-d5	10.881	63	38691	35.619	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83553	20.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	76623	17.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.480%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	15035	2.631	ug/L	95
25) Chloroform	7.604	83	3023	0.324	ug/L #	68
34) Trichloroethene	8.775	95	10619	2.152	ug/L #	10
39) cis-1,3-Dichloropropene	9.975	75	3274	0.385	ug/L	83
42) Toluene	10.334	91	11664	0.558	ug/L	83
60) Isopropylbenzene	12.428	105	60753	2.986	ug/L #	1
63) 1,2,4-Trimethylbenzene	13.239	105	26702	1.707	ug/L #	47

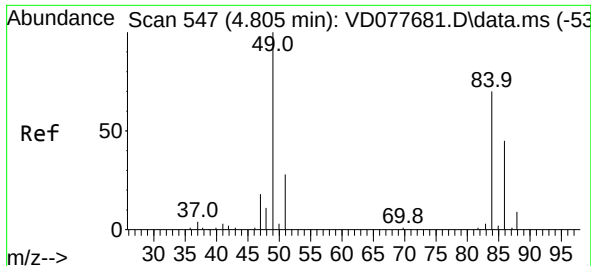
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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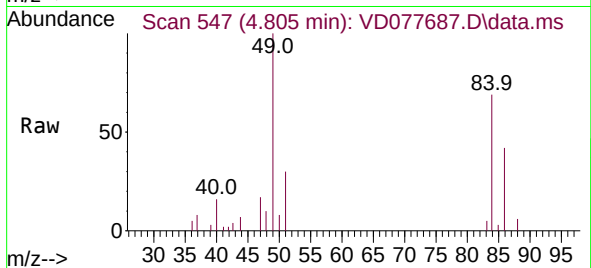
Quant Time: Nov 27 00:01:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
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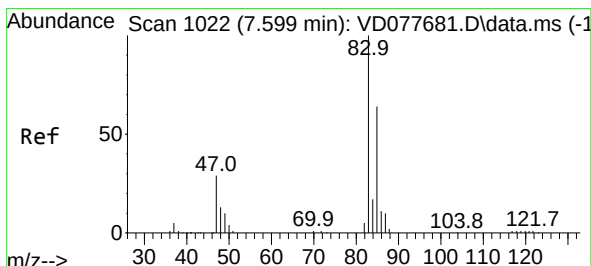
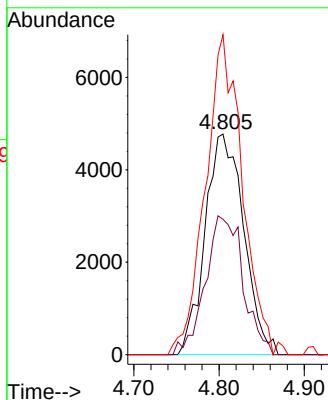
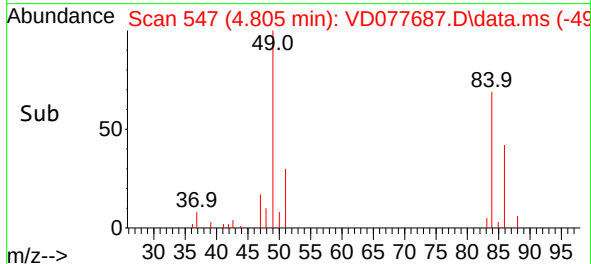


#16
Methylene chloride
Concen: 2.631 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077687.D
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Instrument :
MSVOA_D
ClientSampleId :

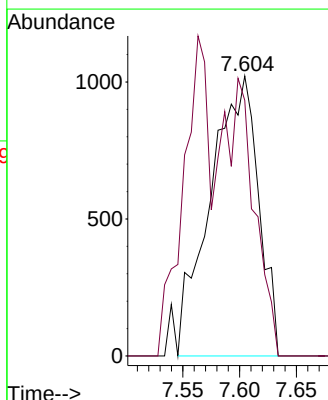
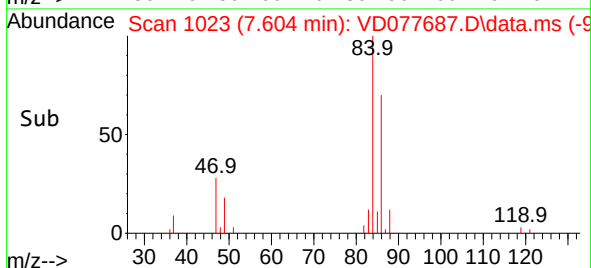
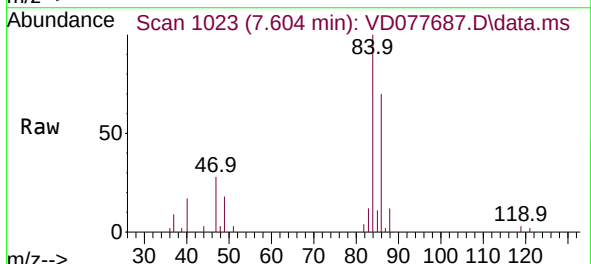


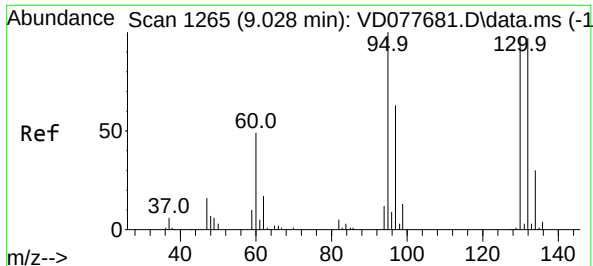
Tgt Ion: 84 Resp: 15035
Ion Ratio Lower Upper
84 100
86 61.4 46.5 86.5
49 145.0 98.3 182.7



#25
Chloroform
Concen: 0.324 ug/L
RT: 7.604 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077687.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 83 Resp: 3023
Ion Ratio Lower Upper
83 100
85 91.3 45.9 85.3#





#34

Trichloroethene

Concen: 2.152 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD077687.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 10619

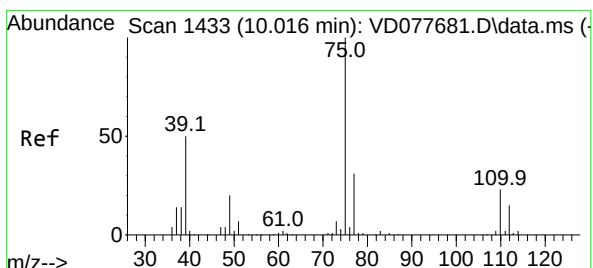
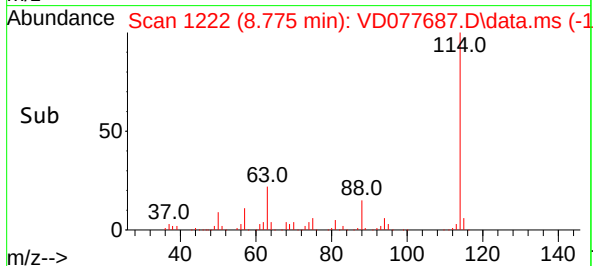
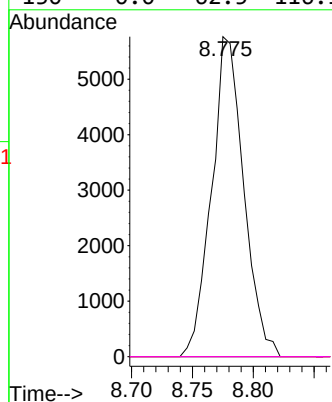
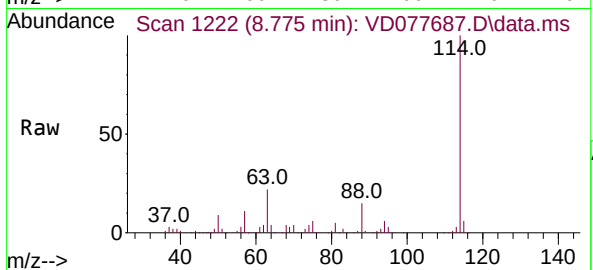
Ion Ratio Lower Upper

95 100

97 0.0 42.4 78.6#

132 0.0 59.4 110.2#

130 0.0 62.5 116.1#



#39

cis-1,3-Dichloropropene

Concen: 0.385 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD077687.D

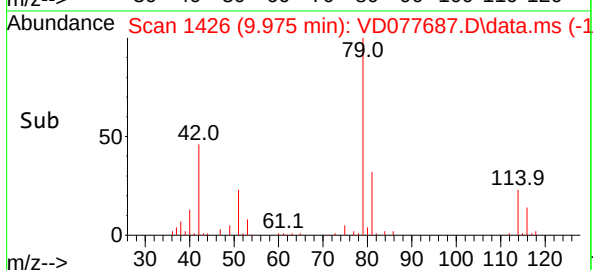
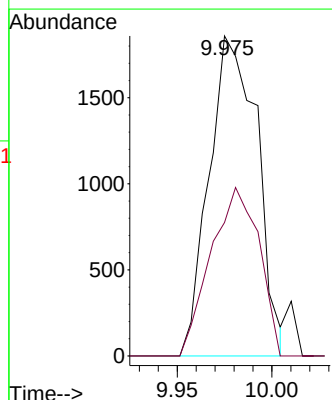
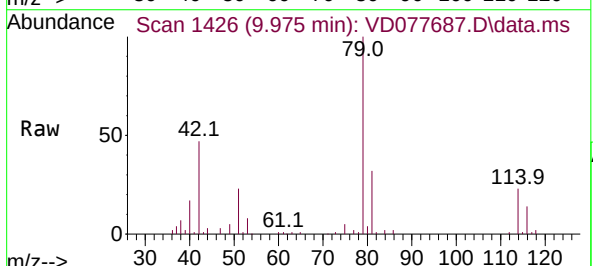
Acq: 24 Nov 2023 12:52

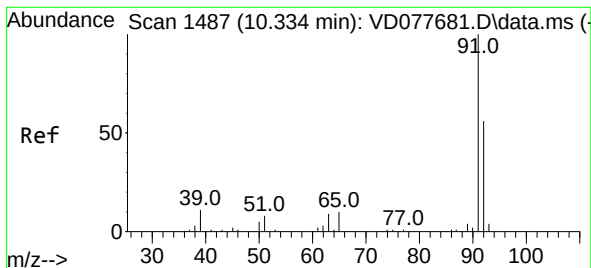
Tgt Ion: 75 Resp: 3274

Ion Ratio Lower Upper

75 100

77 41.7 22.5 41.9





#42

Toluene

Concen: 0.558 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077687.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_D

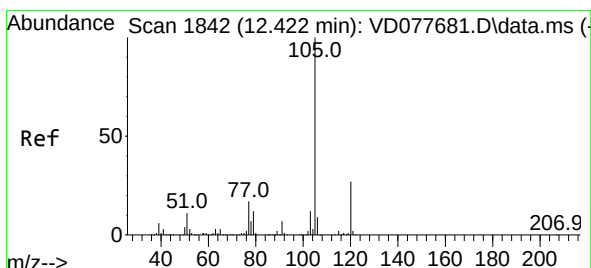
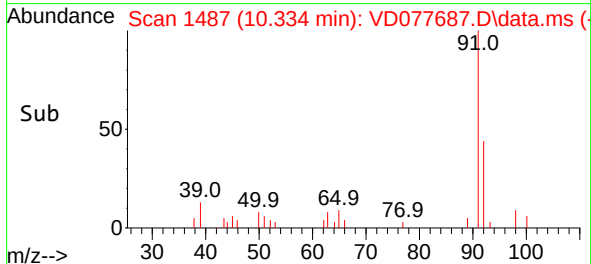
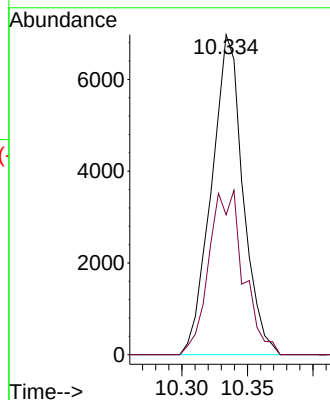
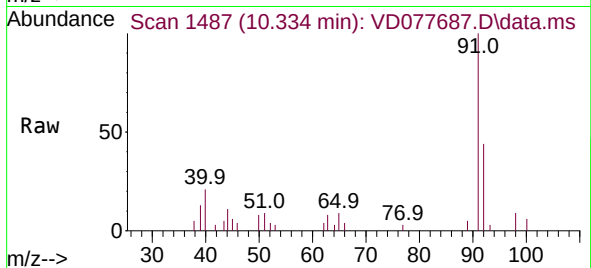
ClientSampleId :

Tgt Ion: 91 Resp: 11664

Ion Ratio Lower Upper

91 100

92 43.7 39.3 73.1



#60

Isopropylbenzene

Concen: 2.986 ug/L

RT: 12.428 min Scan# 1843

Delta R.T. 0.006 min

Lab File: VD077687.D

Acq: 24 Nov 2023 12:52

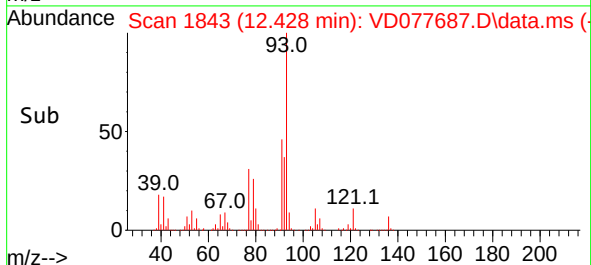
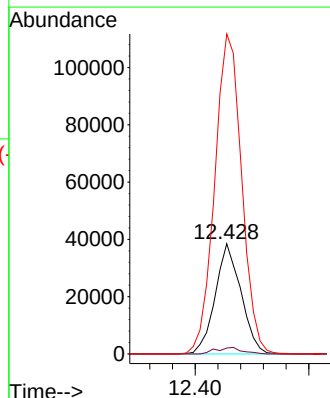
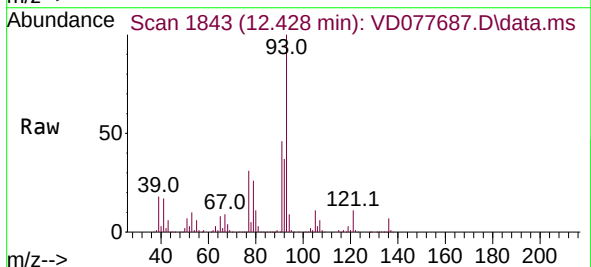
Tgt Ion:105 Resp: 60753

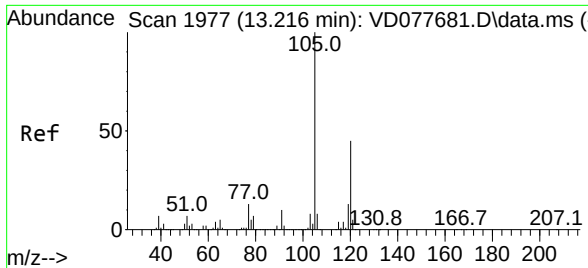
Ion Ratio Lower Upper

105 100

120 6.0 21.0 31.4#

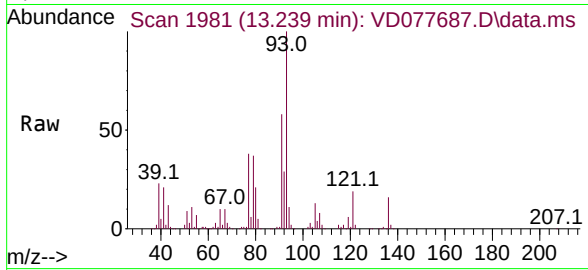
77 303.8 13.4 20.2#





#63
1,2,4-Trimethylbenzene
Concen: 1.707 ug/L
RT: 13.239 min Scan# 1977
Delta R.T. 0.023 min
Lab File: VD077687.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:105 Resp: 26702
Ion Ratio Lower Upper
105 100
120 9.8 35.6 53.4#

