

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080139.D
 Acq On : 11 Dec 2024 20:44
 Operator : RP/MD
 Sample : P5232-05
 Misc : 4.01G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 01:01:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:57:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	318352	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	85305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	71824	14.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.793	69	72110	15.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.760%
11) 1,1-Dichloroethene-d2	3.905	65	22838	11.727	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.920%
21) 2-Butanone-d5	7.010	46	10845	9.573	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.140%#
24) Chloroform-d	7.593	84	7407	0.843	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	3.360%#
26) 1,2-Dichloroethane-d4	8.234	65	79943	17.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.760%#
32) Benzene-d6	8.199	84	251511	17.573	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.280%
36) 1,2-Dichloropropane-d6	9.210	67	108206	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.269	98	197669	14.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.480%
43) trans-1,3-Dichloroprop...	10.522	79	32268	16.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.880%
47) 2-Hexanone-d5	10.875	63	3779	5.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.280%#
56) 1,1,2,2-Tetrachloroeth...	12.457	84	59	0.014	ug/L	-0.19
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.040%#
66) 1,2-Dichlorobenzene-d4	13.816	152	64852	21.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						Qvalue
13) Acetone	4.028	43	11513	5.996	ug/L	77
14) Carbon disulfide	4.263	76	7562	0.484	ug/L #	90
22) 2-Butanone	7.087	43	2220	1.169	ug/L	99
25) Chloroform	7.599	83	146010	13.893	ug/L	99
27) 1,2-Dichloroethane	8.210	62	1764	0.293	ug/L #	76
29) Cyclohexane	7.869	56	1172	0.204	ug/L #	19
33) Benzene	8.252	78	10015	0.576	ug/L	100
34) Trichloroethene	9.028	95	52209	11.042	ug/L	98
39) cis-1,3-Dichloropropene	9.975	75	2740	0.385	ug/L #	69
42) Toluene	10.334	91	20551	1.089	ug/L	98
48) 2-Hexanone	10.898	43	8494	3.773	ug/L #	89
52) Ethylbenzene	11.681	91	3621	0.193	ug/L #	74
53) m,p-Xylene	11.787	106	2510	0.350	ug/L	96
54) o-Xylene	12.116	106	1360	0.198	ug/L	73
62) 1,3,5-Trimethylbenzene	13.204	105	4024	0.398	ug/L	90
63) 1,2,4-Trimethylbenzene	13.204	105	4024	0.418	ug/L	95

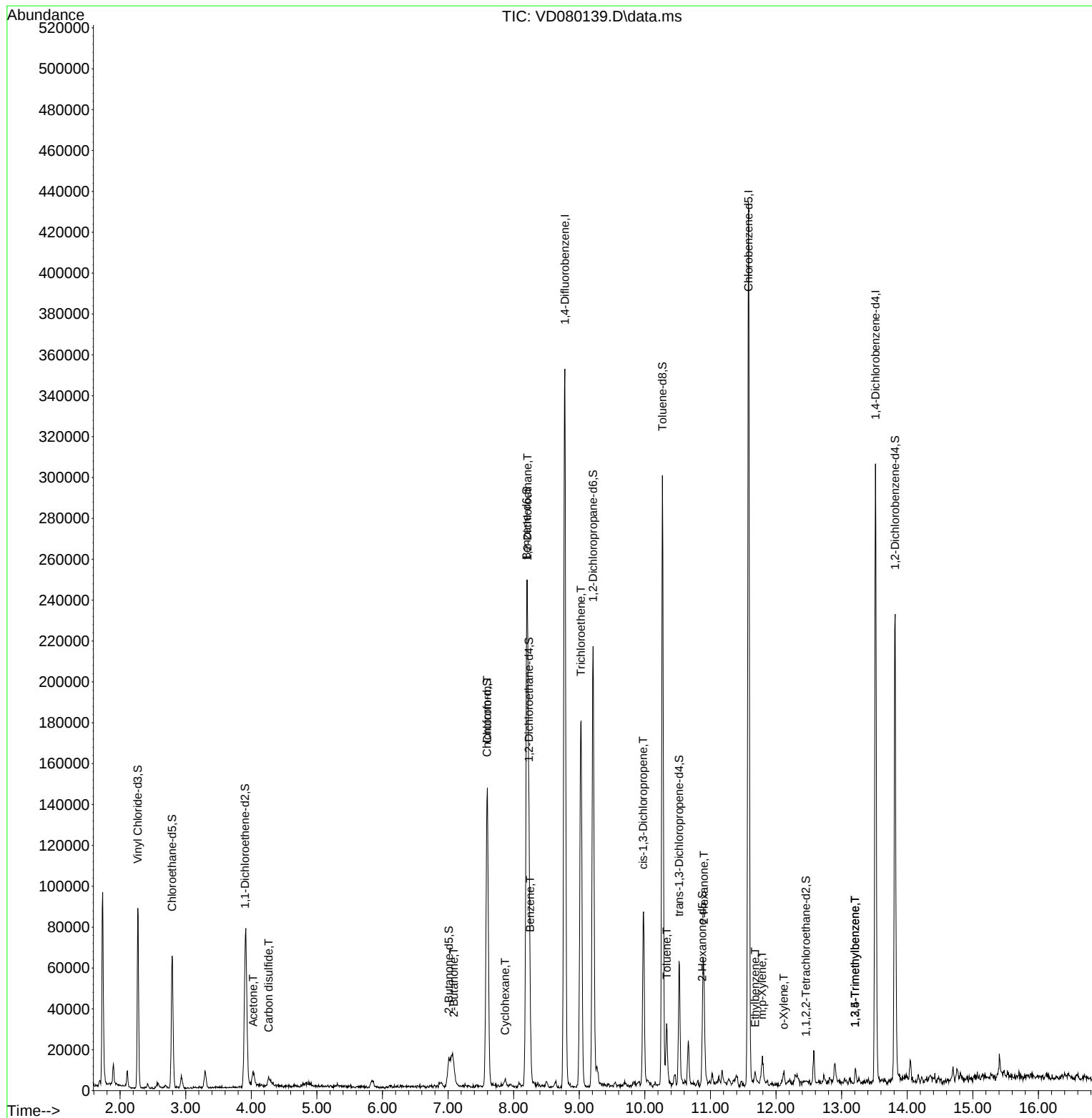
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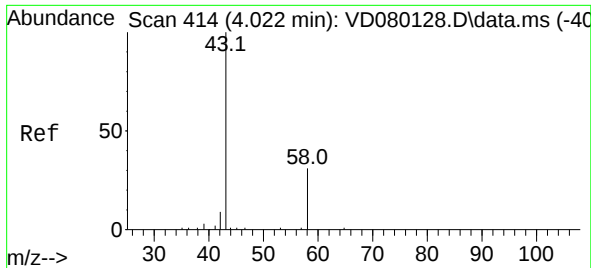
Instrument :
MSVOA_D
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
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Quant Time: Dec 12 01:01:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 12 00:57:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.996 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

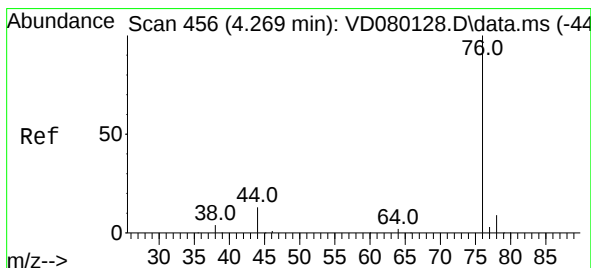
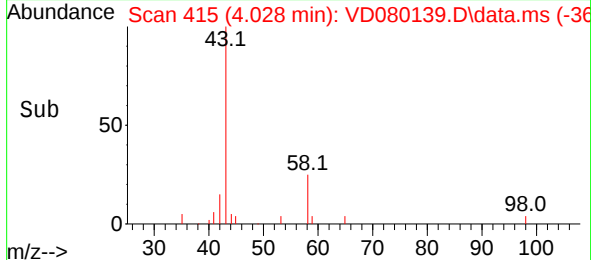
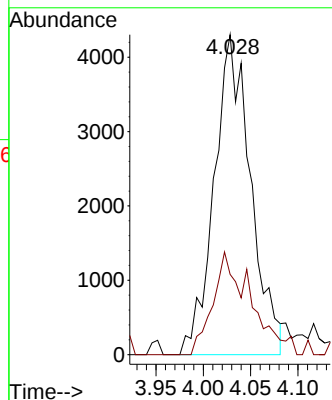
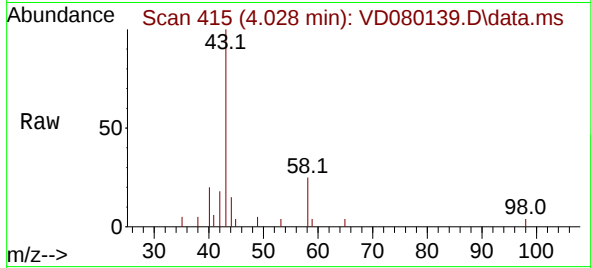
ClientSampleId :

Tgt Ion: 43 Resp: 11513

Ion Ratio Lower Upper

43 100

58 21.3 0.0 69.0



#14

Carbon disulfide

Concen: 0.484 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD080139.D

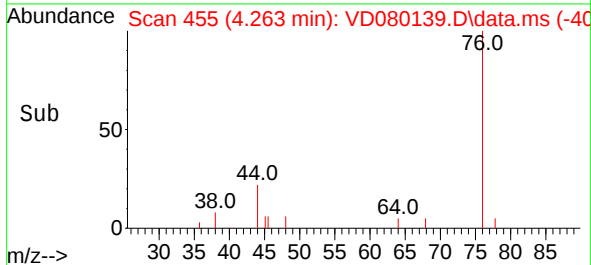
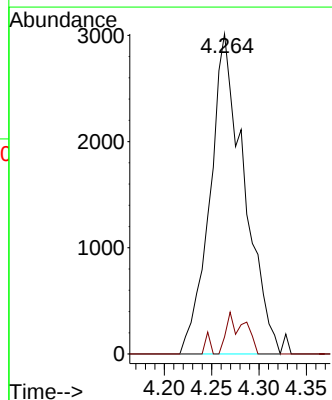
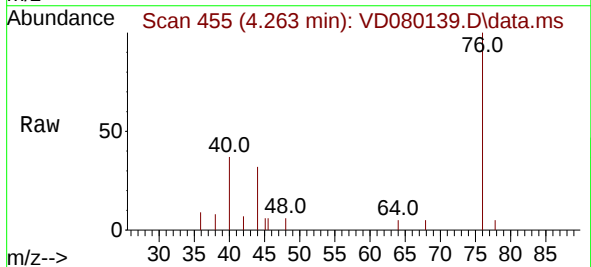
Acq: 11 Dec 2024 20:44

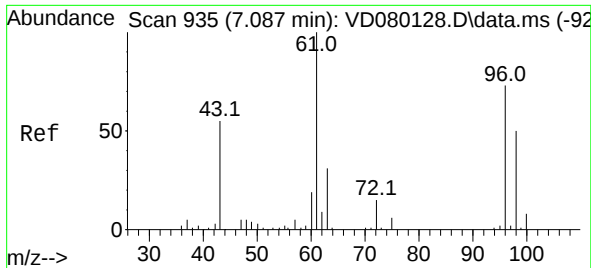
Tgt Ion: 76 Resp: 7562

Ion Ratio Lower Upper

76 100

78 5.3 7.3 10.9#

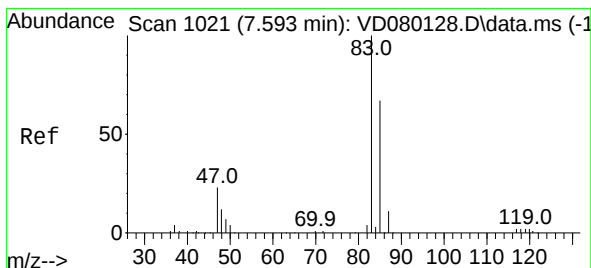
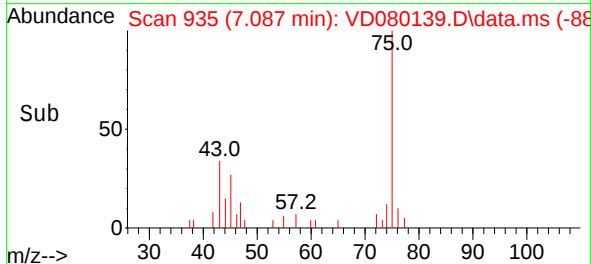
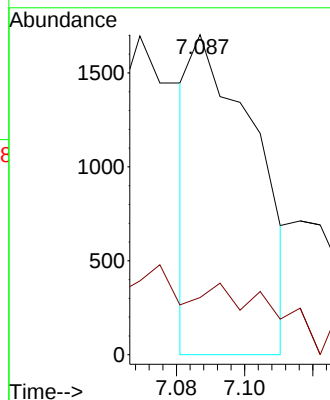
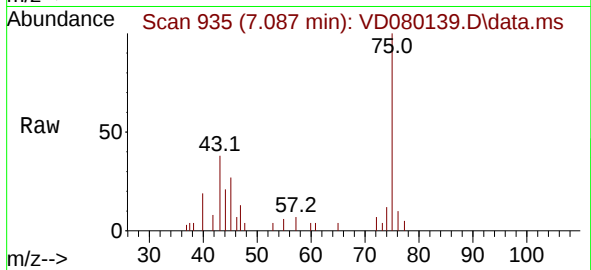




#22
2-Butanone
Concen: 1.169 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

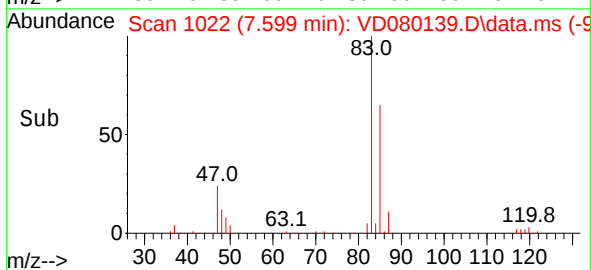
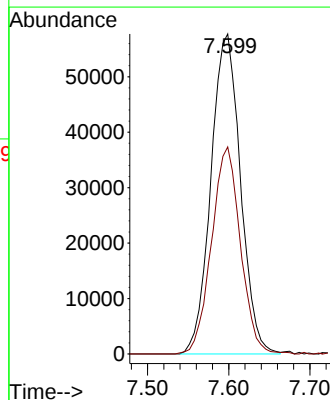
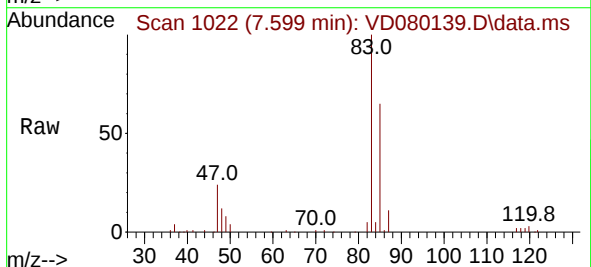
Instrument :
MSVOA_D
ClientSampleId :

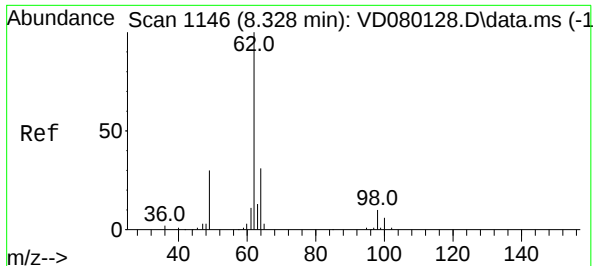
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
72 26.9 13.6 40.8



#25
Chloroform
Concen: 13.893 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion: 83 Resp: 146010
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6

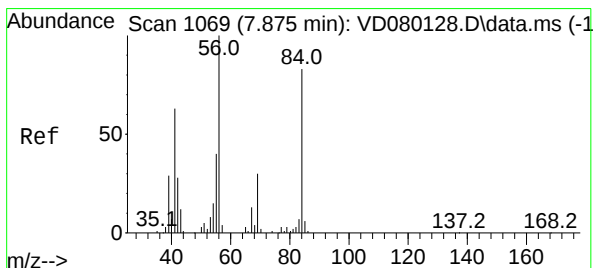
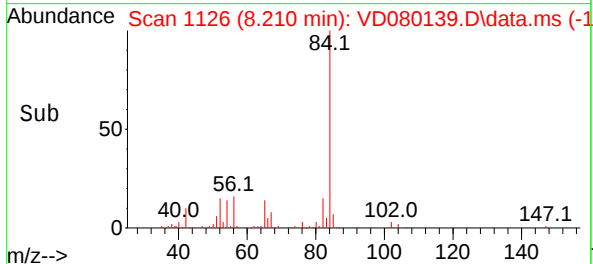
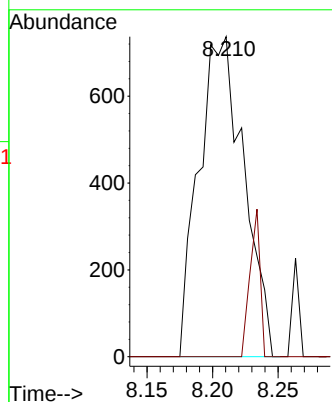
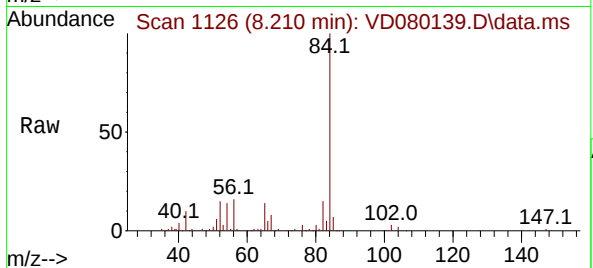




#27
1,2-Dichloroethane
Concen: 0.293 ug/L
RT: 8.210 min Scan# 1146
Delta R.T. -0.118 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

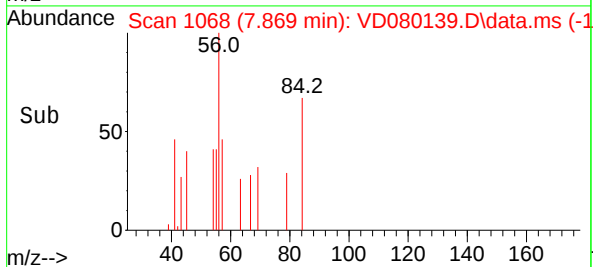
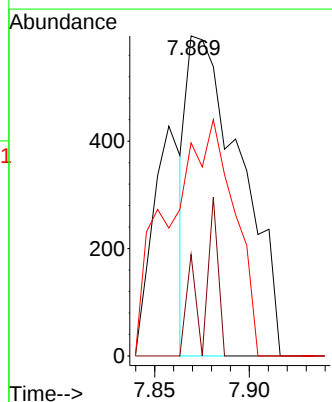
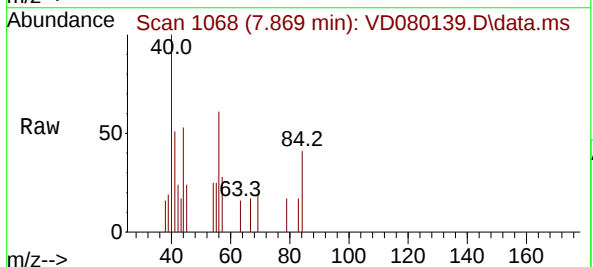
Instrument :
MSVOA_D
ClientSampleId :

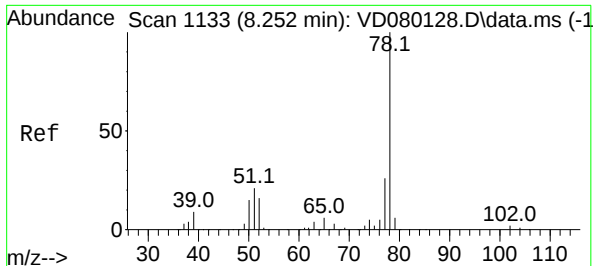
Tgt Ion: 62 Resp: 1764
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#



#29
Cyclohexane
Concen: 0.204 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion: 56 Resp: 1172
Ion Ratio Lower Upper
56 100
69 5.7 24.6 36.8#
84 0.0 68.7 103.1#

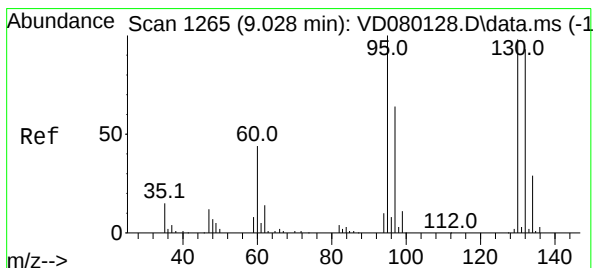
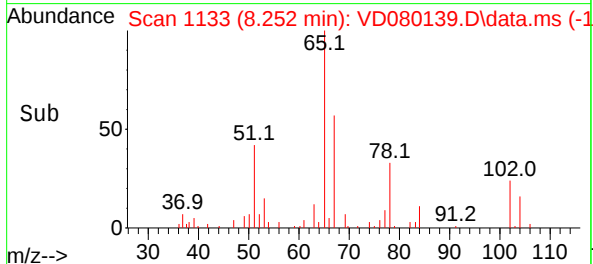
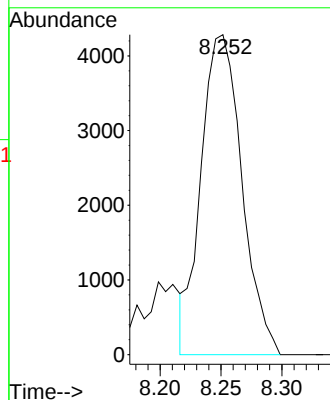
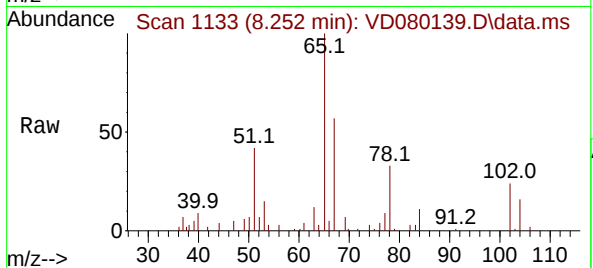




#33
Benzene
Concen: 0.576 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Instrument :
MSVOA_D
ClientSampleId :

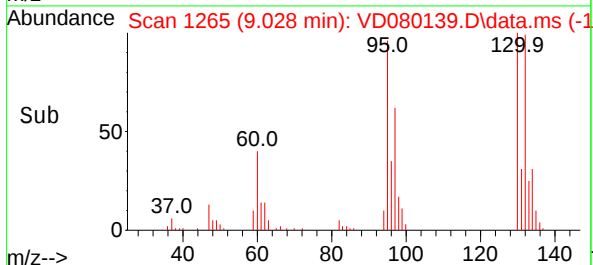
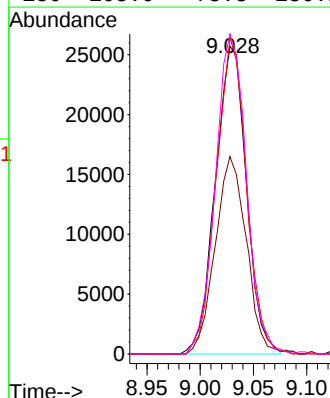
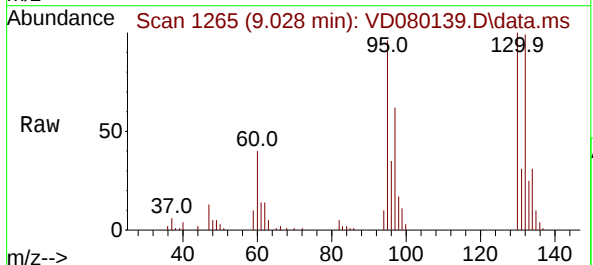
Tgt Ion: 78 Resp: 10015

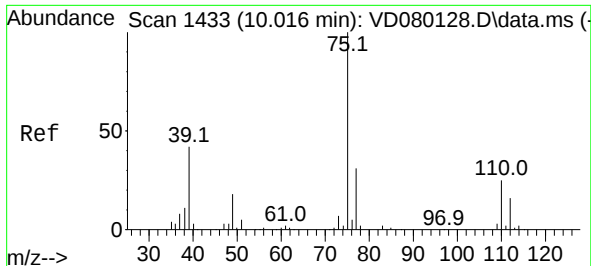


#34
Trichloroethene
Concen: 11.042 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion: 95 Resp: 52209

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.7	81.1
132	102.8	69.4	129.0
130	103.9	73.3	136.1





#39

cis-1,3-Dichloropropene

Concen: 0.385 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

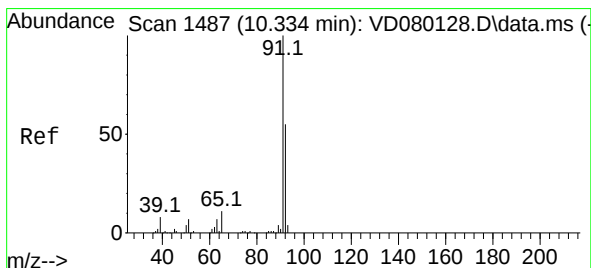
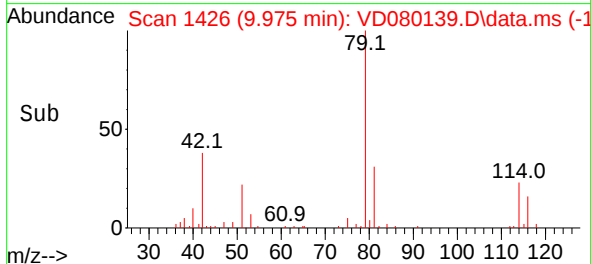
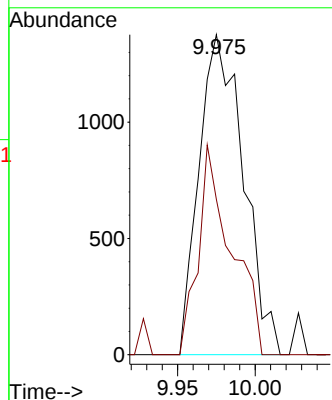
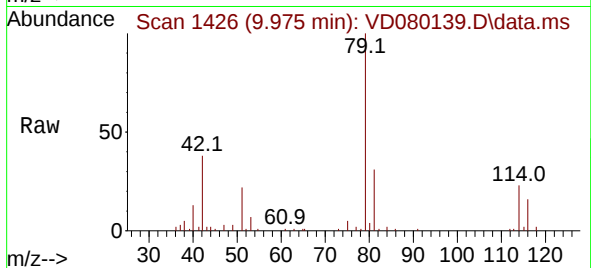
ClientSampleId :

Tgt Ion: 75 Resp: 2740

Ion Ratio Lower Upper

75 100

77 48.5 21.8 40.6#



#42

Toluene

Concen: 1.089 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080139.D

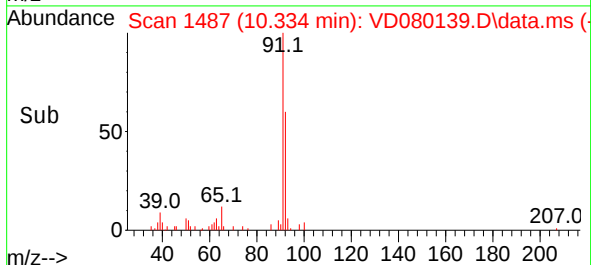
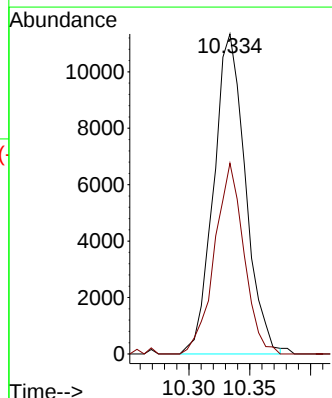
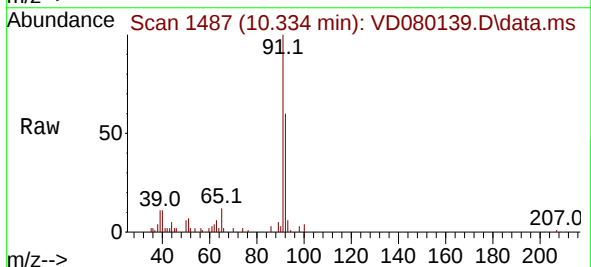
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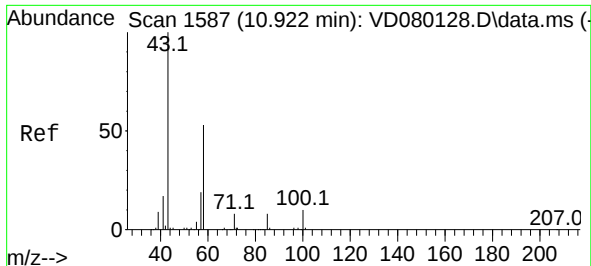
Tgt Ion: 91 Resp: 20551

Ion Ratio Lower Upper

91 100

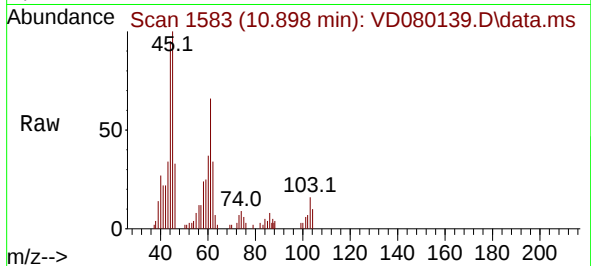
92 59.6 40.8 75.8



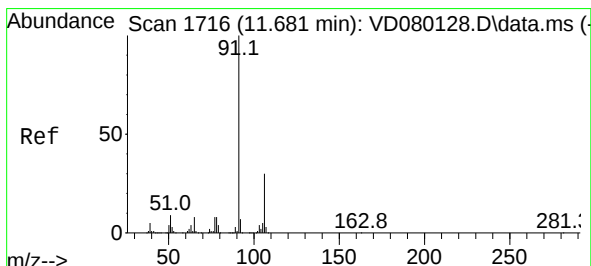
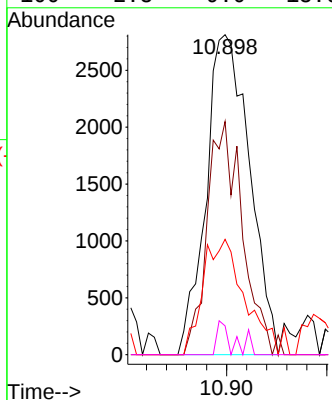
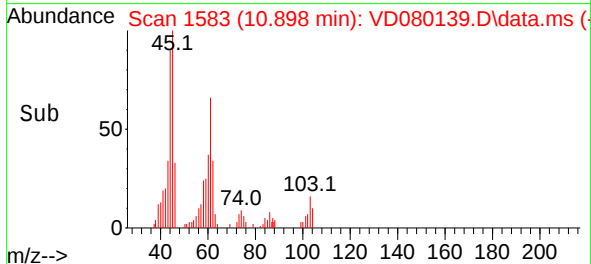


#48
2-Hexanone
Concen: 3.773 ug/L
RT: 10.898 min Scan# 1583
Delta R.T. -0.024 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Instrument :
MSVOA_D
ClientSampleId :

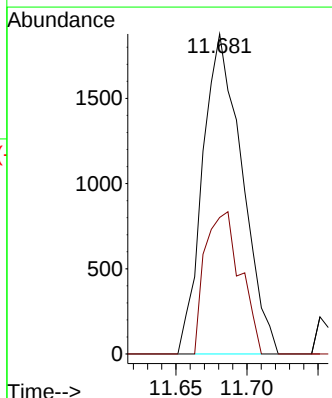
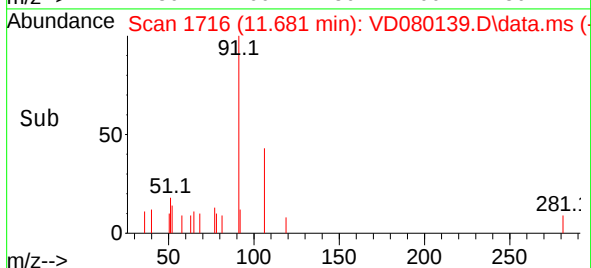
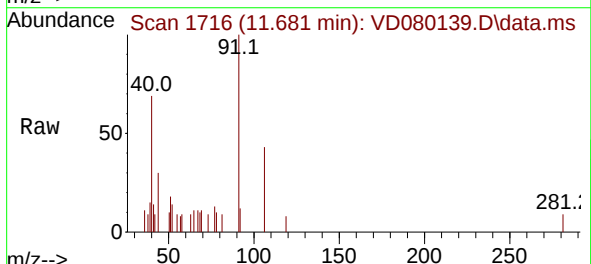


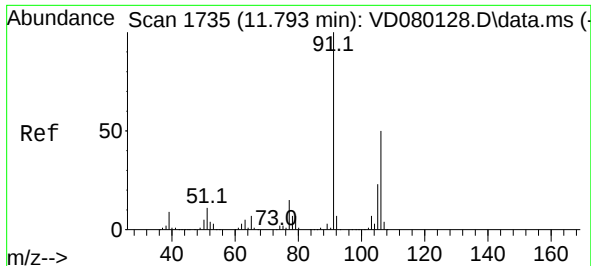
Tgt Ion:	43	Resp:	8494
Ion Ratio	Lower	Upper	
43	100		
58	58.4	41.8	62.6
57	22.7	14.8	22.2#
100	2.3	9.0	13.6#



#52
Ethylbenzene
Concen: 0.193 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080139.D
Acq: 11 Dec 2024 20:44

Tgt Ion:	91	Resp:	3621
Ion Ratio	Lower	Upper	
91	100		
106	42.7	20.0	37.2#





#53

m,p-Xylene

Concen: 0.350 ug/L

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

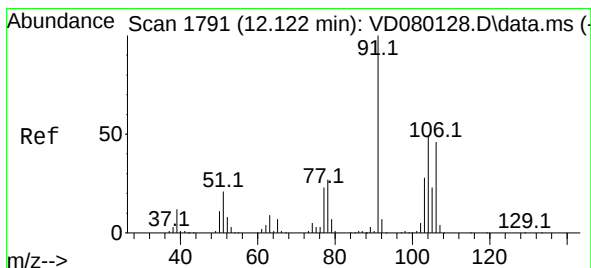
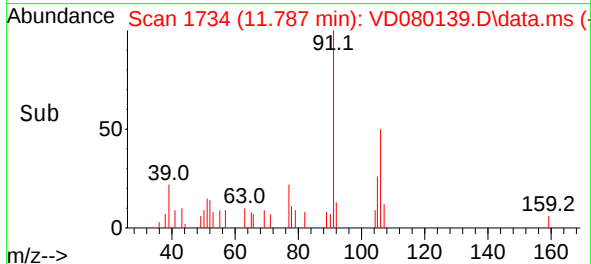
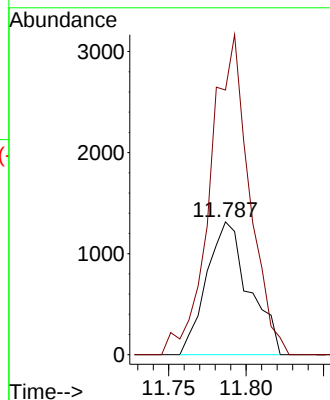
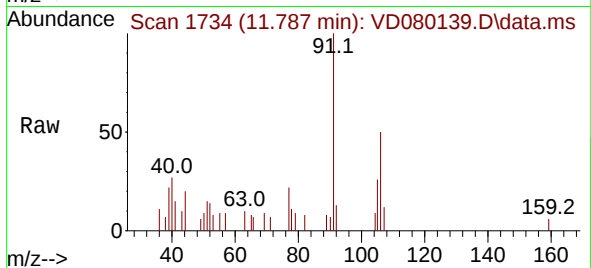
ClientSampleId :

Tgt Ion:106 Resp: 2510

Ion Ratio Lower Upper

106 100

91 199.2 143.5 266.5



#54

o-Xylene

Concen: 0.198 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080139.D

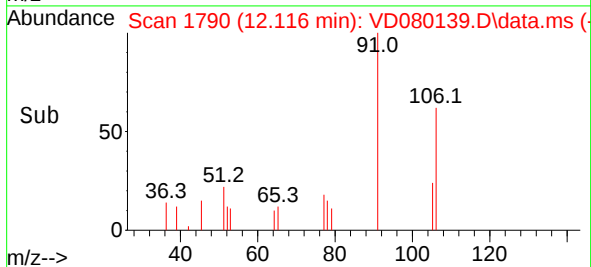
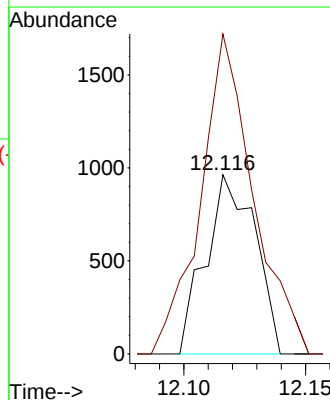
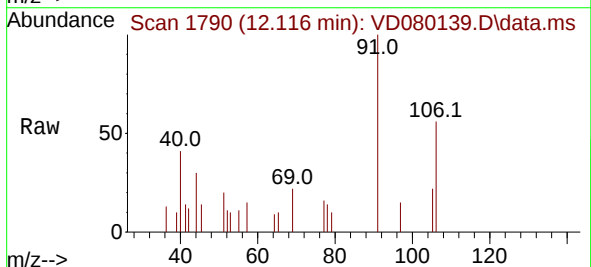
Acq: 11 Dec 2024 20:44

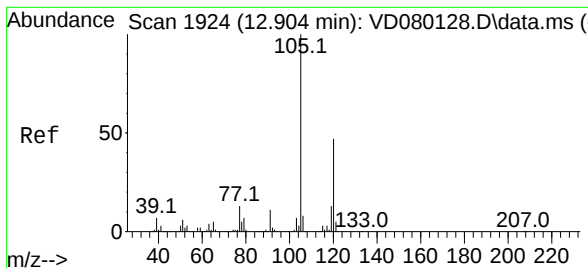
Tgt Ion:106 Resp: 1360

Ion Ratio Lower Upper

106 100

91 178.6 155.8 289.4





#62

1,3,5-Trimethylbenzene

Concen: 0.398 ug/L

RT: 13.204 min Scan# 1924

Delta R.T. 0.300 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Instrument :

MSVOA_D

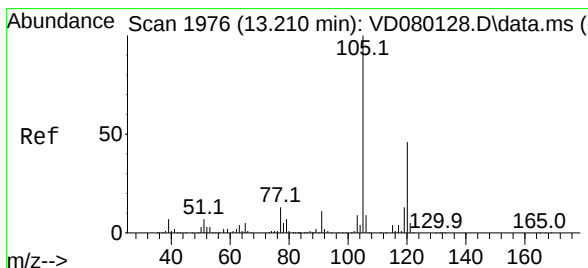
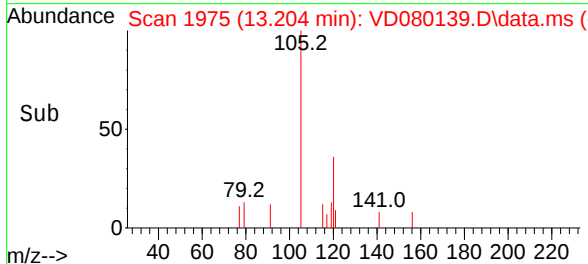
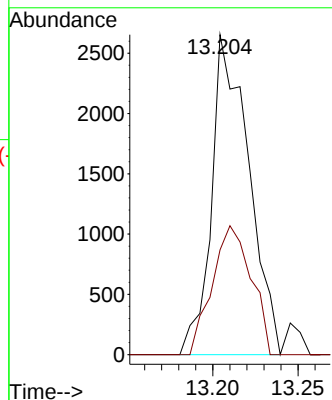
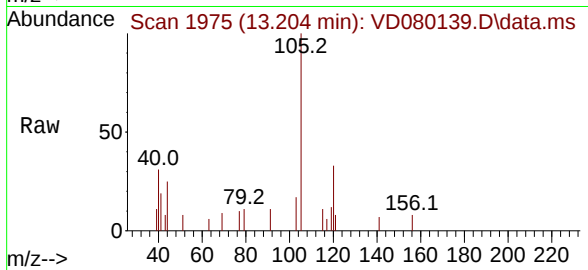
ClientSampleId :

Tgt Ion:105 Resp: 4024

Ion Ratio Lower Upper

105 100

120 42.2 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 0.418 ug/L

RT: 13.204 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VD080139.D

Acq: 11 Dec 2024 20:44

Tgt Ion:105 Resp: 4024

Ion Ratio Lower Upper

105 100

120 42.2 36.4 54.6

