

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043857.D
 Acq On : 14 Nov 2024 16:53
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 15 03:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	215060	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	188447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	84495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63915	47.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.720%		
7) Chloroethane-d5	1.648	69	42344	47.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.120%		
11) 1,1-Dichloroethene-d2	2.294	65	29990	49.776	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.560%		
21) 2-Butanone-d5	4.459	46	79347	111.737	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.740%		
24) Chloroform-d	5.050	84	137386	48.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	5.952	65	90578	49.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.840%		
32) Benzene-d6	5.971	84	271894	51.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.720%		
36) 1,2-Dichloropropane-d6	7.306	67	78610	52.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.300%		
41) Toluene-d8	8.647	98	253372	51.109	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.220%		
43) trans-1,3-Dichloroprop...	8.952	79	37240	49.486	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.980%		
47) 2-Hexanone-d5	9.385	63	62020	112.754	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.750%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107268	52.207	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.420%		
66) 1,2-Dichlorobenzene-d4	12.317	152	92225	52.320	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	2094	1.616	ug/L #	1
14) Carbon disulfide	2.502	76	7733	2.829	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	2573	1.969	ug/L	87
44) trans-1,3-Dichloropropene	8.982	75	2599	1.320	ug/L	96
46) Tetrachloroethene	9.275	164	1694	1.380	ug/L	87
48) 2-Hexanone	9.439	43	2389	1.963	ug/L #	86
53) m,p-Xylene	10.305	106	3001	1.216	ug/L	90
55) Styrene	10.659	104	4514	1.129	ug/L	83
57) 1,1,2,2-Tetrachloroethane	11.207	83	2035	0.976	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.451	105	5818	1.216	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	6175	1.296	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	4757	1.762	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	3506	1.937	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	4144	2.559	ug/L	95
71) Naphthalene	13.774	128	17395	3.082	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4438	2.670	ug/L	98

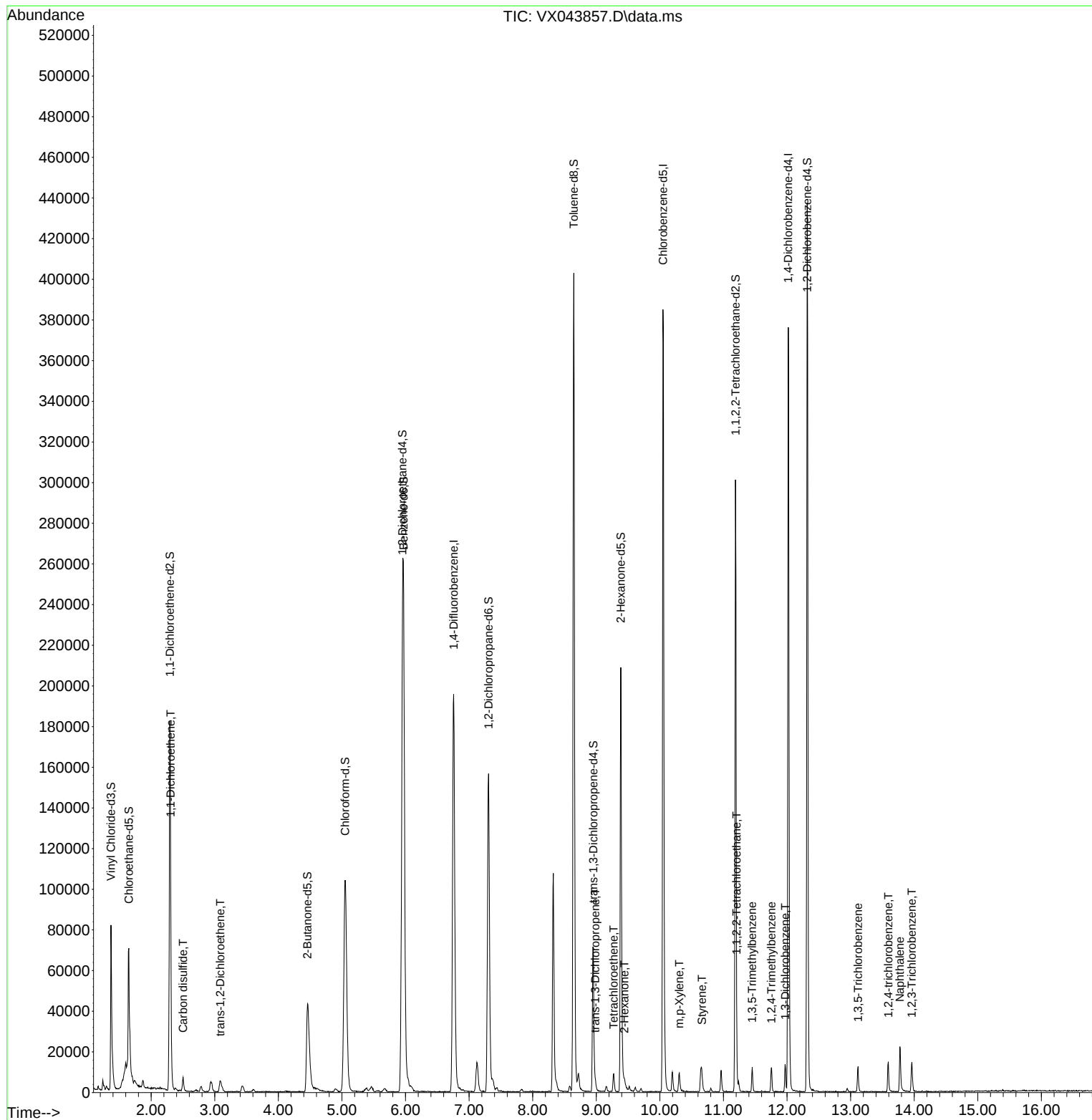
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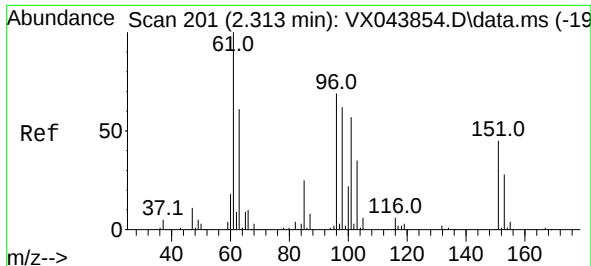
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
Data File : VX043857.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 15 03:27:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 03:21:47 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.616 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

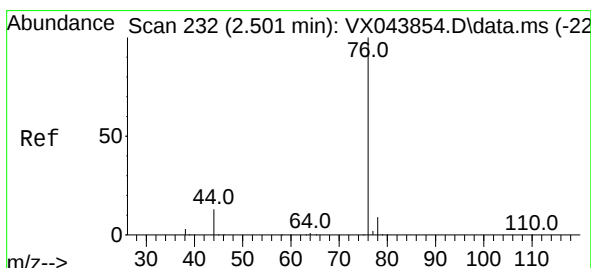
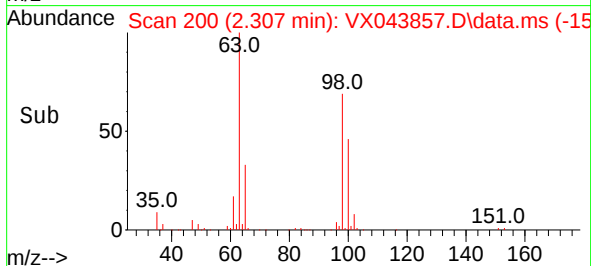
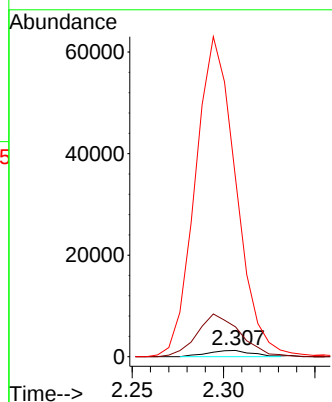
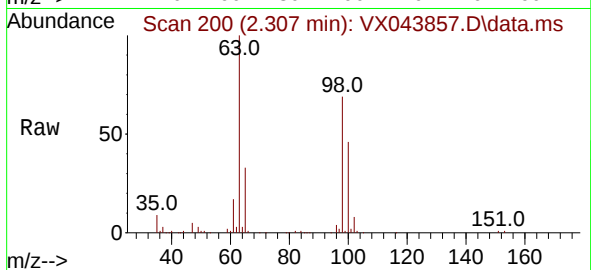
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 2094

Ion	Ratio	Lower	Upper
96	100		
61	473.8	102.2	189.8#
63	2823.5	62.6	116.2#



#14

Carbon disulfide

Concen: 2.829 ug/L

RT: 2.502 min Scan# 232

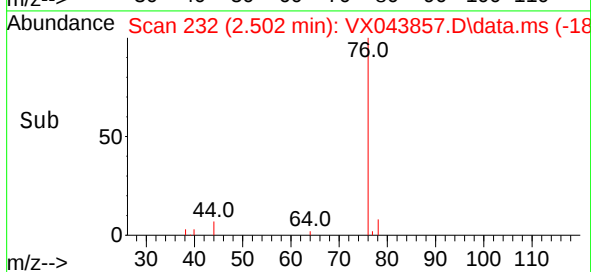
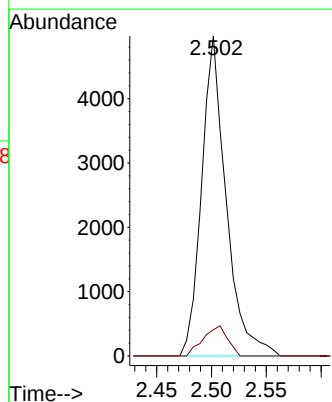
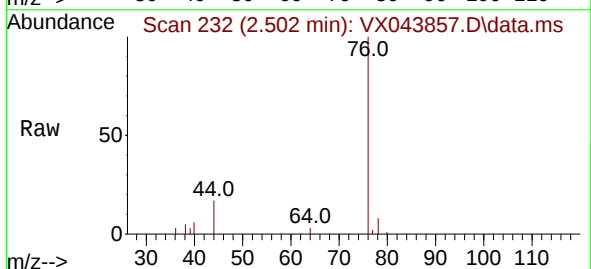
Delta R.T. 0.000 min

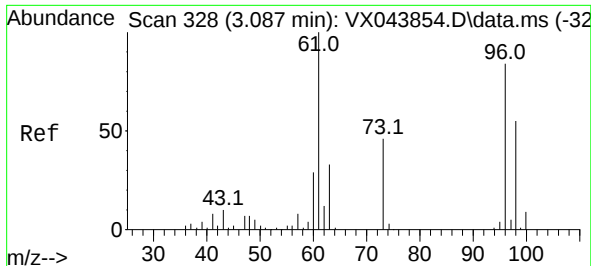
Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Tgt Ion: 76 Resp: 7733

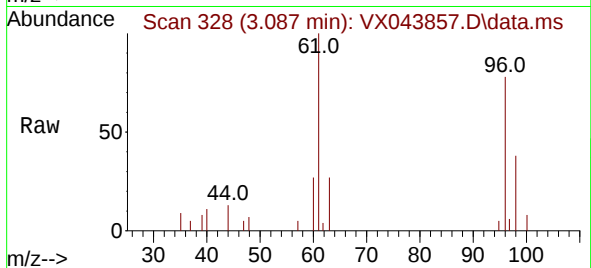
Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.6





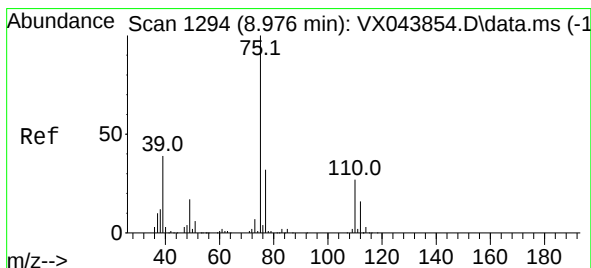
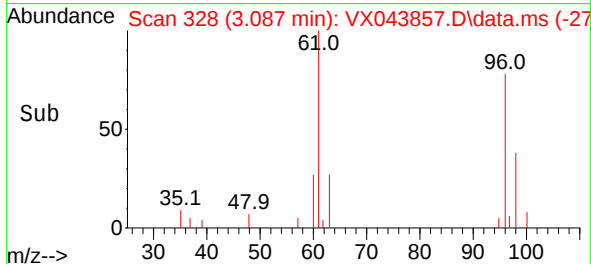
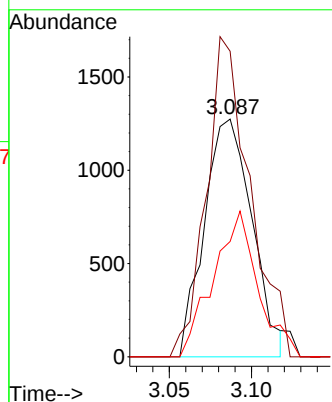
#17
trans-1,2-Dichloroethene
Concen: 1.969 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 2573

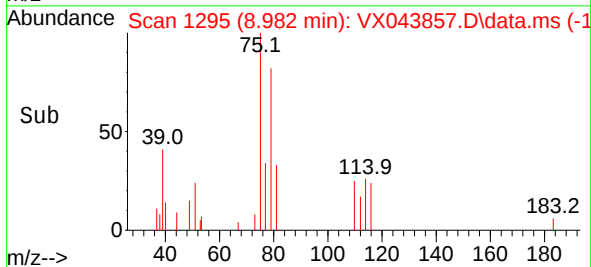
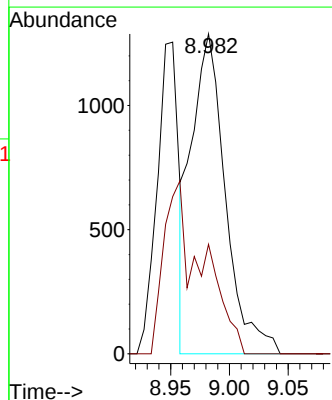
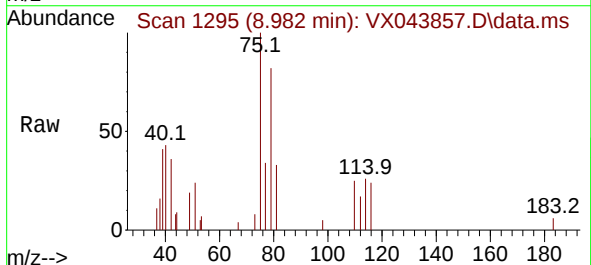
Ion	Ratio	Lower	Upper
96	100		
61	128.6	83.2	154.6
98	48.5	45.4	84.4

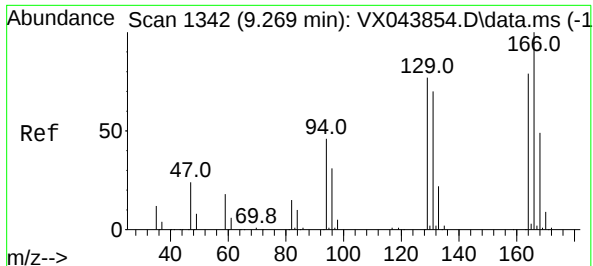


#44
trans-1,3-Dichloropropene
Concen: 1.320 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

Tgt Ion: 75 Resp: 2599

Ion	Ratio	Lower	Upper
75	100		
77	34.2	22.5	41.7





#46

Tetrachloroethene

Concen: 1.380 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

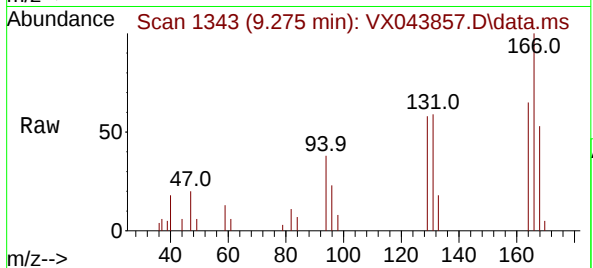
Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 1694

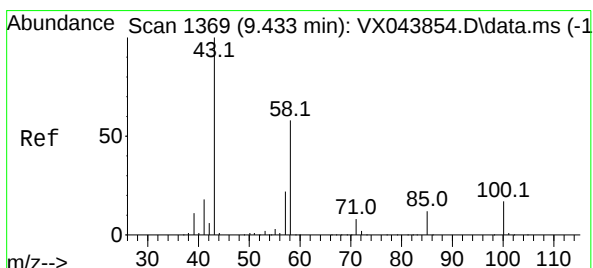
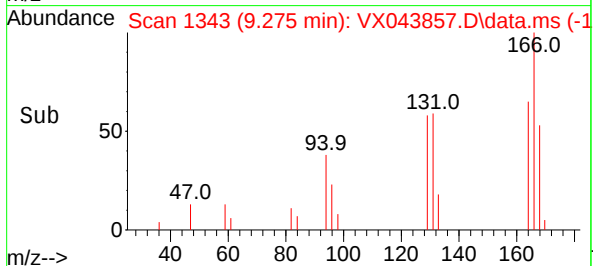
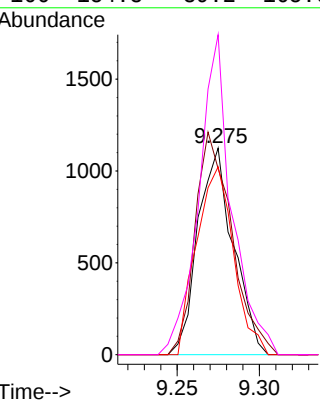
Ion Ratio Lower Upper

164 100

129 90.0 68.9 127.9

131 90.9 62.6 116.2

166 154.8 89.2 165.6



#48

2-Hexanone

Concen: 1.963 ug/L

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Tgt Ion: 43 Resp: 2389

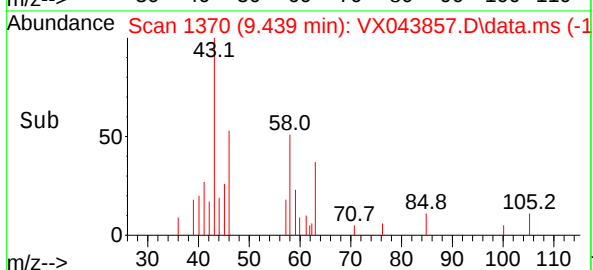
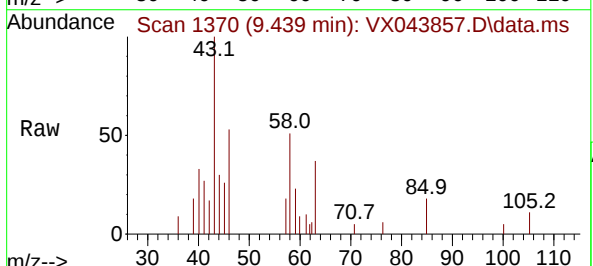
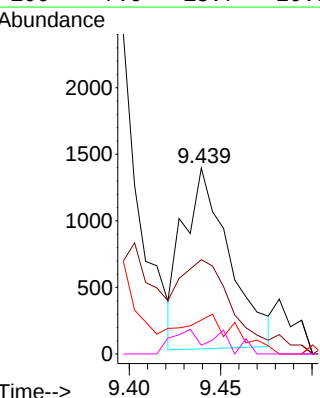
Ion Ratio Lower Upper

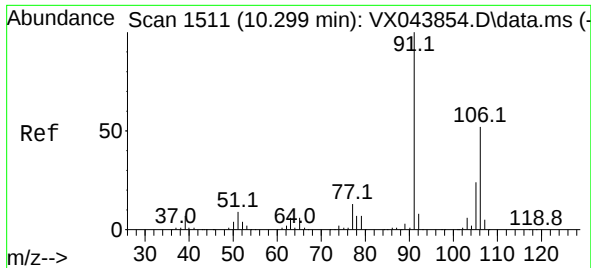
43 100

58 58.4 47.8 71.6

57 0.0 16.6 24.8#

100 7.9 13.7 20.5#

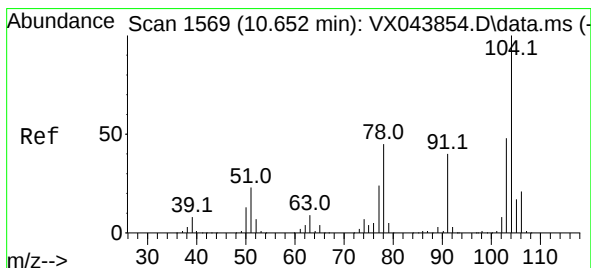
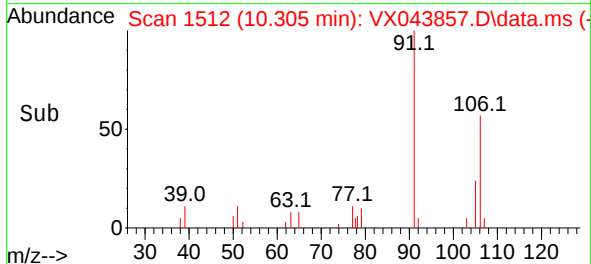
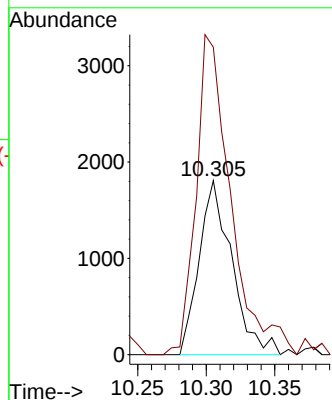
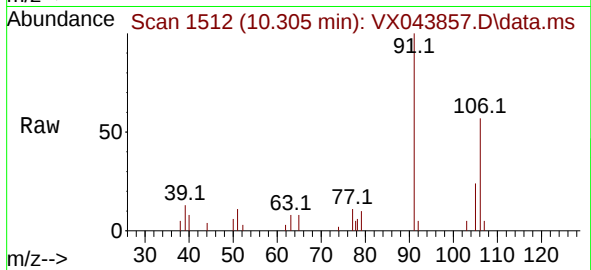




#53
m,p-Xylene
Concen: 1.216 ug/L
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

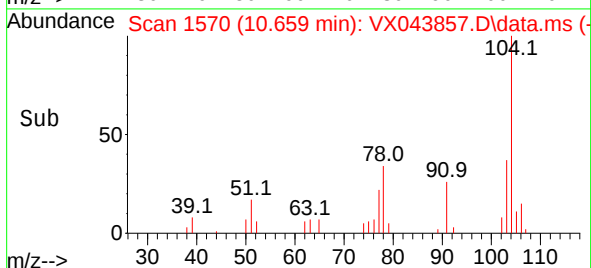
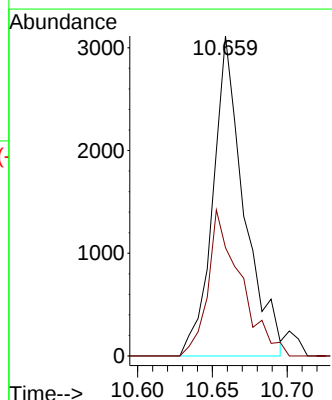
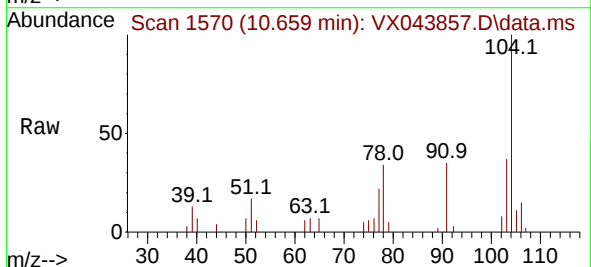
Instrument :
MSVOA_X
ClientSampleId :

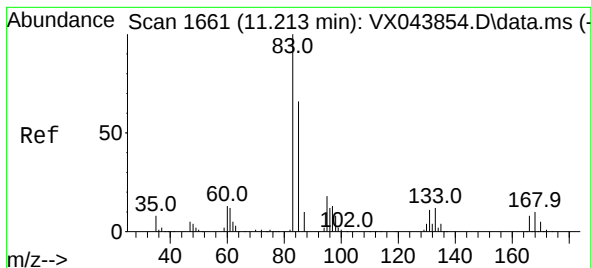
Tgt Ion:106 Resp: 3001
Ion Ratio Lower Upper
106 100
91 176.7 134.3 249.5



#55
Styrene
Concen: 1.129 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

Tgt Ion:104 Resp: 4514
Ion Ratio Lower Upper
104 100
78 33.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.976 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

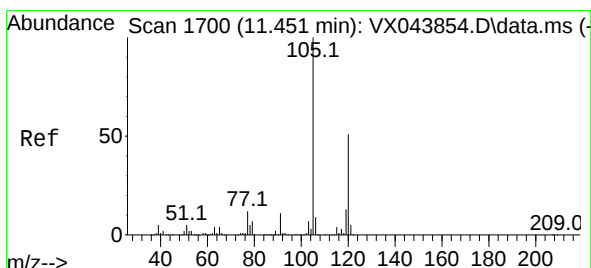
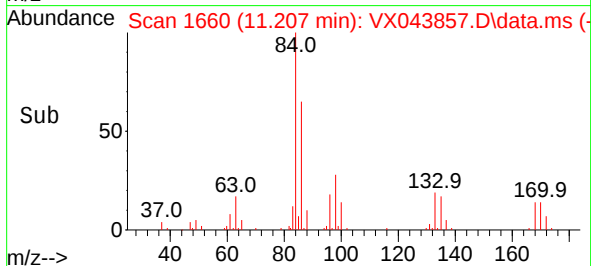
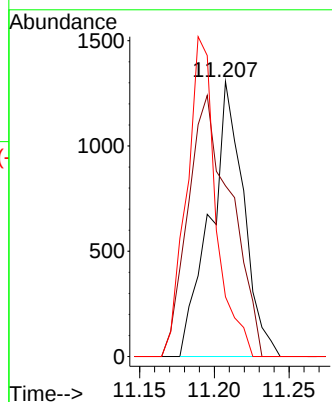
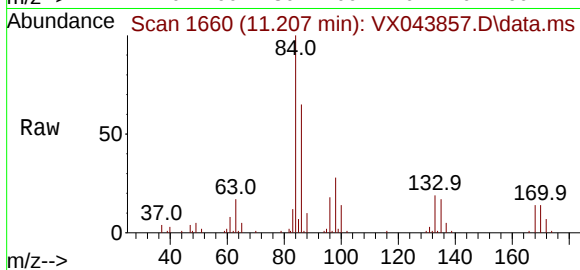
Tgt Ion: 83 Resp: 2035

Ion Ratio Lower Upper

83 100

85 62.1 46.2 85.8

131 21.7 9.2 13.8#



#62

1,3,5-Trimethylbenzene

Concen: 1.216 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043857.D

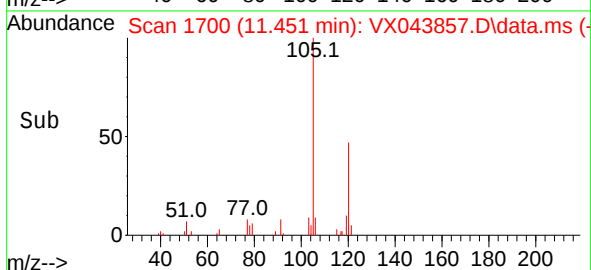
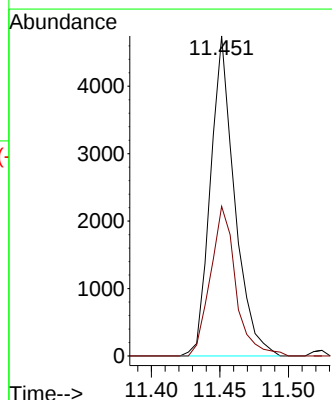
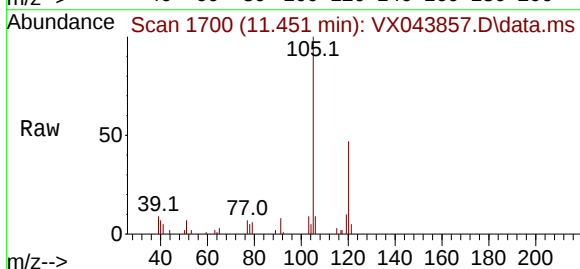
Acq: 14 Nov 2024 16:53

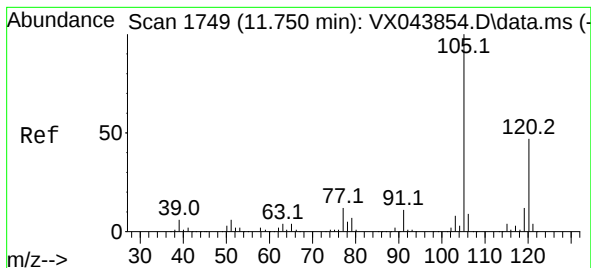
Tgt Ion:105 Resp: 5818

Ion Ratio Lower Upper

105 100

120 48.9 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 1.296 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Instrument :

MSVOA_X

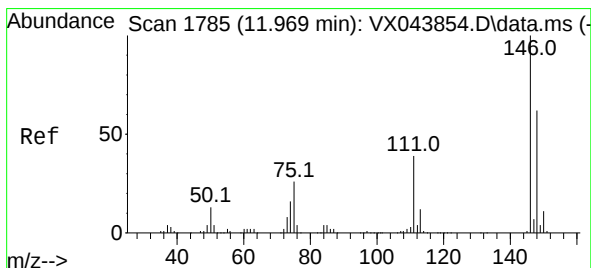
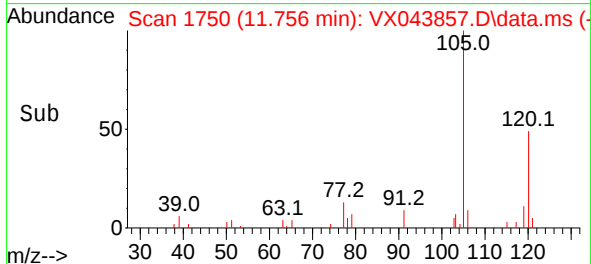
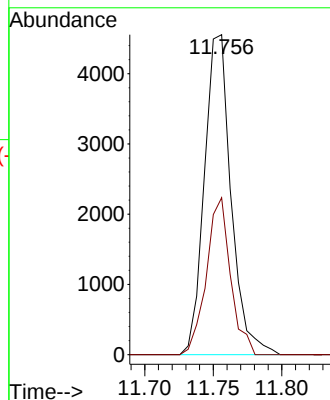
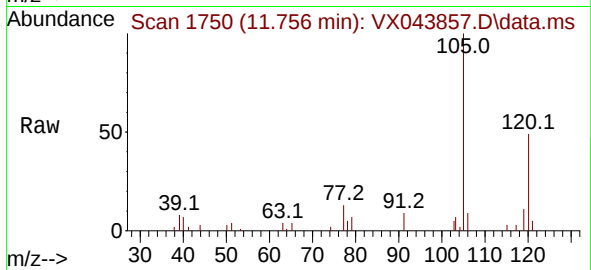
ClientSampleId :

Tgt Ion:105 Resp: 6175

Ion Ratio Lower Upper

105 100

120 44.3 37.6 56.4



#64

1,3-Dichlorobenzene

Concen: 1.762 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

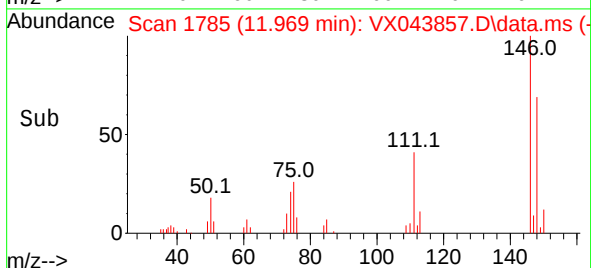
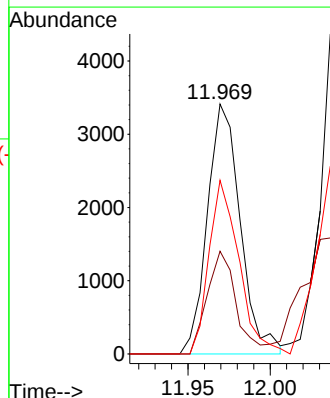
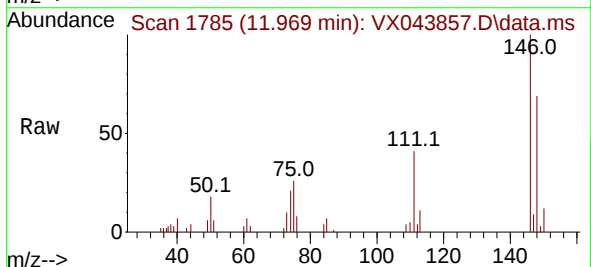
Tgt Ion:146 Resp: 4757

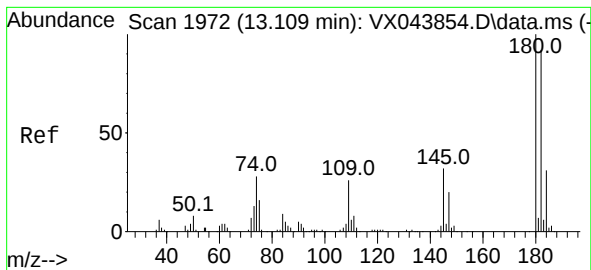
Ion Ratio Lower Upper

146 100

111 41.1 27.2 50.4

148 69.5 43.5 80.7





#69

1,3,5-Trichlorobenzene

Concen: 1.937 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 3506

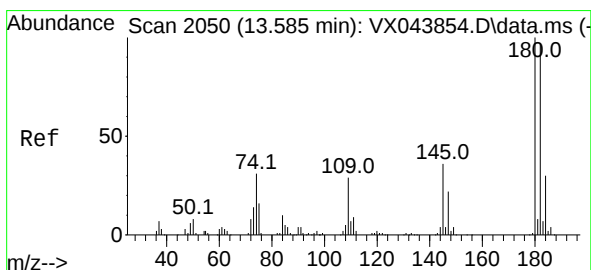
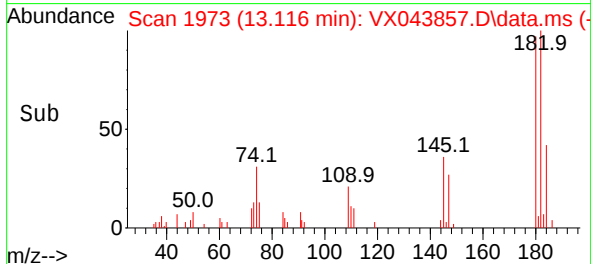
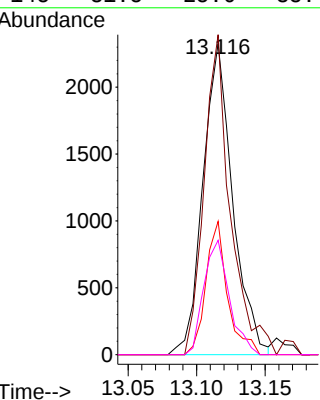
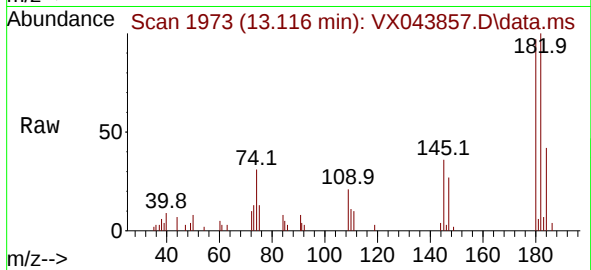
Ion Ratio Lower Upper

180 100

182 86.7 74.5 111.7

184 31.2 23.9 35.9

145 31.5 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 2.559 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043857.D

Acq: 14 Nov 2024 16:53

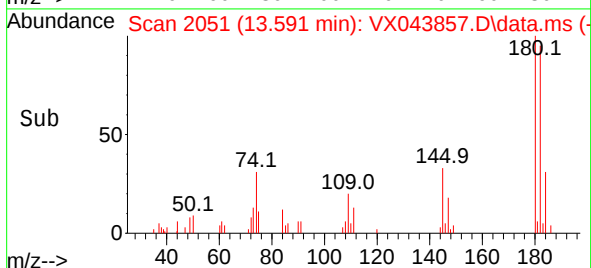
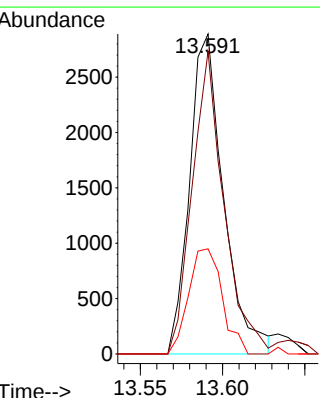
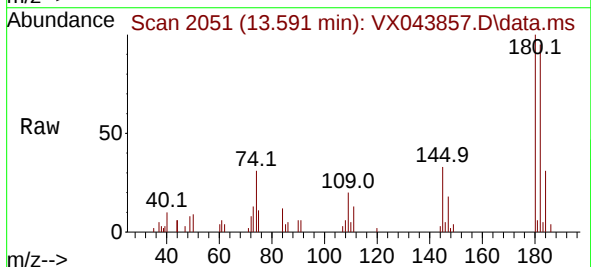
Tgt Ion:180 Resp: 4144

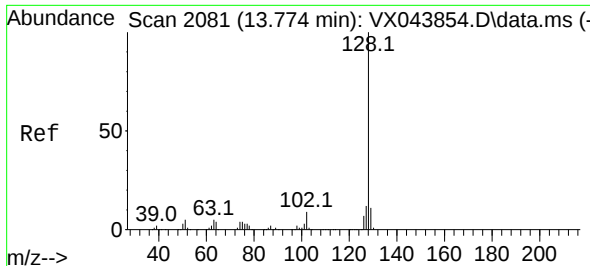
Ion Ratio Lower Upper

180 100

182 88.2 75.7 113.5

145 32.5 26.5 39.7

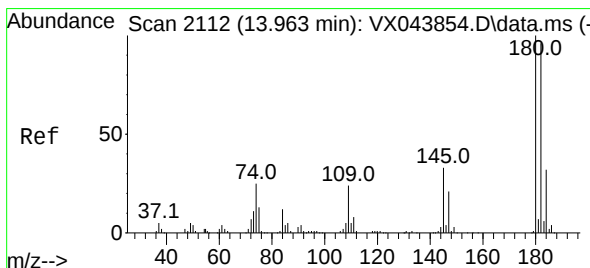
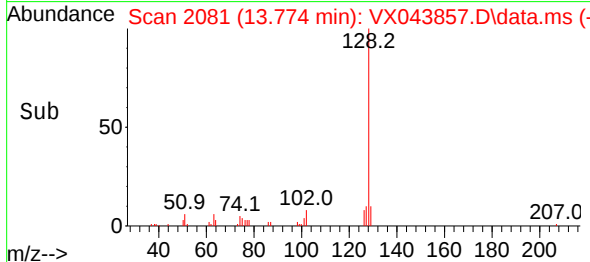
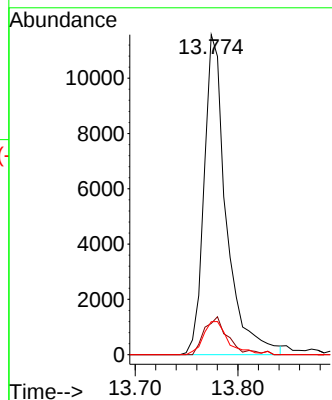
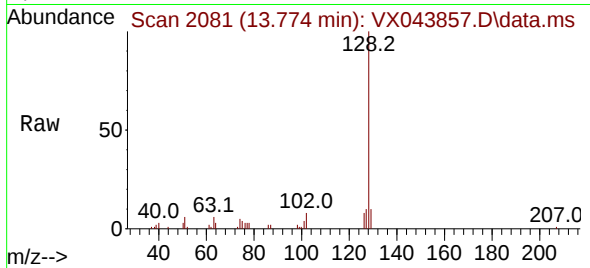




#71
Naphthalene
Concen: 3.082 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 17395
Ion Ratio Lower Upper
128 100
127 11.8 9.8 14.6
129 11.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.670 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043857.D
Acq: 14 Nov 2024 16:53

Tgt Ion:180 Resp: 4438
Ion Ratio Lower Upper
180 100
182 94.1 75.7 113.5
145 30.8 27.6 41.4

