

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041426.D
 Acq On : 09 May 2024 10:36
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 22:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	287771	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	268075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82610	50.616	ug/L	0.00
7) Chloroethane-d5	1.648	69	59658	49.821	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	44585	54.277	ug/L	0.00
21) 2-Butanone-d5	4.464	46	132565	108.947	ug/L	0.00
24) Chloroform-d	5.056	84	189601	52.534	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	127114	48.960	ug/L	0.00
32) Benzene-d6	5.970	84	369915	50.511	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	107552	49.425	ug/L	0.00
41) Toluene-d8	8.647	98	356261	47.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	53258	48.852	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	103588	102.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167260	48.842	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	157672	52.039	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	99691	50.316	ug/L	100
3) Chloromethane	1.300	50	85136	50.383	ug/L	100
5) Vinyl chloride	1.374	62	85630	49.199	ug/L	100
6) Bromomethane	1.599	94	59088	48.707	ug/L	100
8) Chloroethane	1.666	64	48918	49.086	ug/L	100
9) Trichlorofluoromethane	1.867	101	153054	49.957	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	98677	52.424	ug/L	100
12) 1,1-Dichloroethene	2.306	96	89075	53.156	ug/L	100
13) Acetone	2.392	43	124205	99.423	ug/L	100
14) Carbon disulfide	2.501	76	212105	52.630	ug/L	100
15) Methyl Acetate	2.709	43	110880	52.590	ug/L	100
16) Methylene chloride	2.788	84	96319	51.907	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	91240	53.102	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	310559	52.976	ug/L	100
19) 1,1-Dichloroethane	3.605	63	167293	52.581	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	104172	52.521	ug/L	100
22) 2-Butanone	4.568	43	162777	104.352	ug/L	100
23) Bromochloromethane	4.897	128	55638	52.711	ug/L	100
25) Chloroform	5.092	83	181014	52.688	ug/L	100
27) 1,2-Dichloroethane	6.086	62	148631	51.918	ug/L	100
29) Cyclohexane	5.464	56	150578	50.516	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	157973	50.065	ug/L	100
31) Carbon tetrachloride	5.672	117	141360	50.465	ug/L	100
33) Benzene	6.031	78	372800	49.701	ug/L	100
34) Trichloroethene	7.123	95	101012	49.163	ug/L	100
35) Methylcyclohexane	7.379	83	158327	49.730	ug/L	100
37) 1,2-Dichloropropane	7.427	63	95284	50.446	ug/L	100
38) Bromodichloromethane	7.818	83	126107	49.393	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	154619	49.430	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	295484	97.205	ug/L	100
42) Toluene	8.714	91	402775	49.207	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	143825	49.307	ug/L	100

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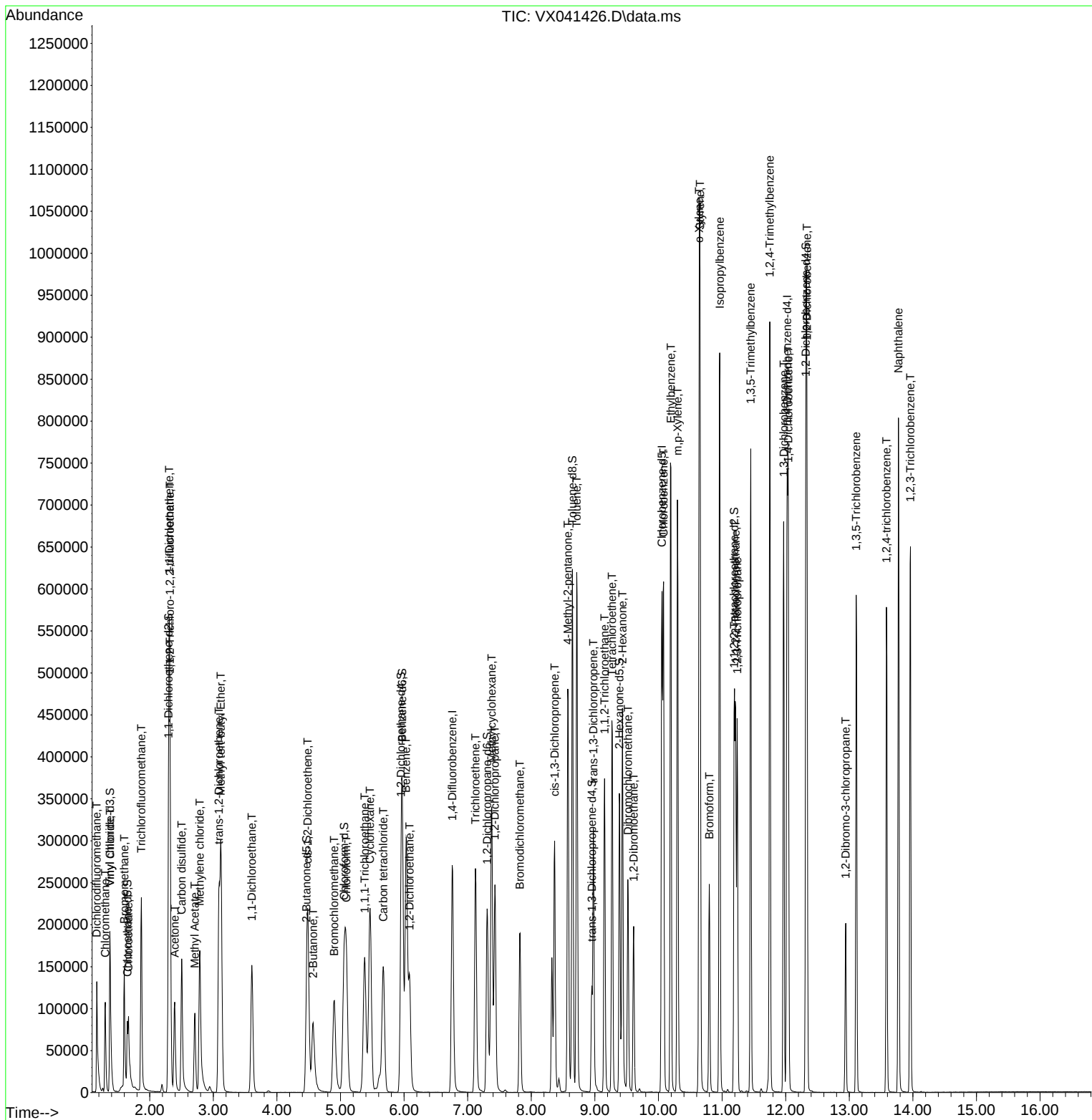
Instrument :
 MSVOA_X
 ClientSampleId :

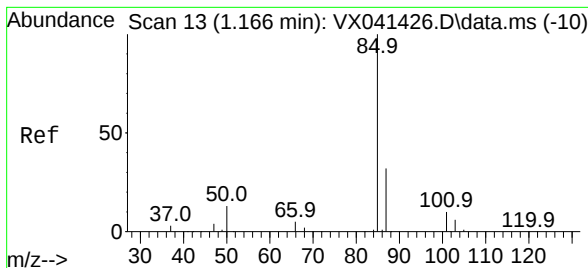
Quant Time: May 09 22:40:27 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	101954	48.813	ug/L	100
46) Tetrachloroethene	9.268	164	94105	47.859	ug/L	100
48) 2-Hexanone	9.433	43	249927	102.626	ug/L	100
49) Dibromochloromethane	9.518	129	107874	51.092	ug/L	100
50) 1,2-Dibromoethane	9.610	107	109813	50.532	ug/L	100
51) Chlorobenzene	10.079	112	278290	50.983	ug/L	100
52) Ethylbenzene	10.195	91	455126	50.677	ug/L	100
53) m,p-Xylene	10.299	106	169497	47.181	ug/L	100
54) o-Xylene	10.640	106	169180	46.214	ug/L	100
55) Styrene	10.652	104	287750	47.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	167319	48.280	ug/L	100
59) Bromoform	10.799	173	91998	53.017	ug/L	100
60) Isopropylbenzene	10.963	105	473834	52.373	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	129601	51.128	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	321085	52.529	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	386126	52.138	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	229577	49.878	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	238436	50.891	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	244809	51.363	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	34504	50.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	154206	44.888	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	148216	47.247	ug/L	100
71) Naphthalene	13.774	128	493240	52.677	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	173860	53.152	ug/L	100

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

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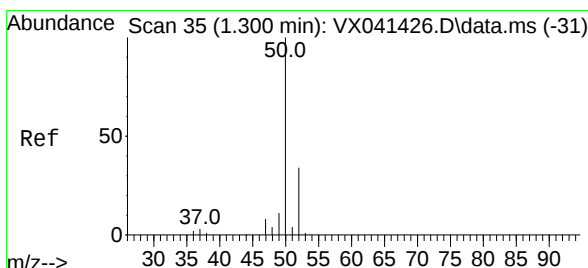
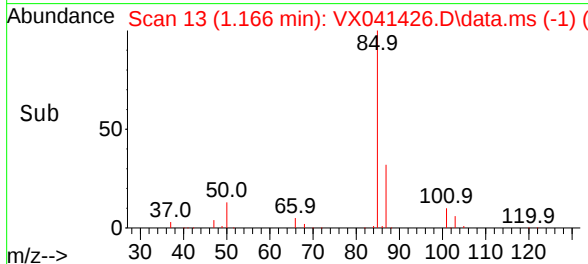
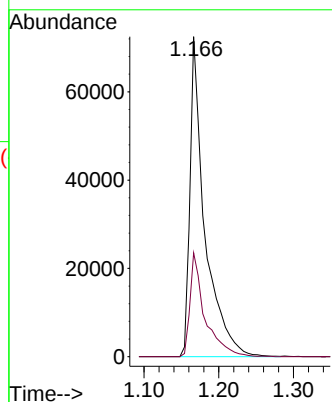
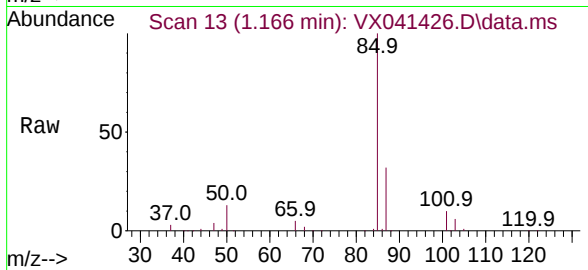




#2
Dichlorodifluoromethane
Concen: 50.316 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

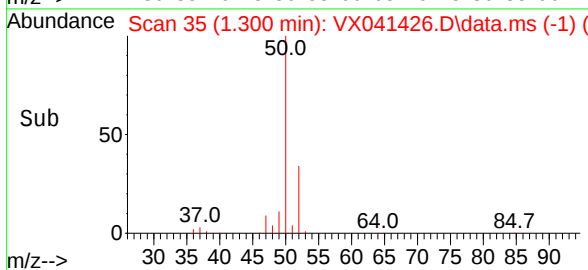
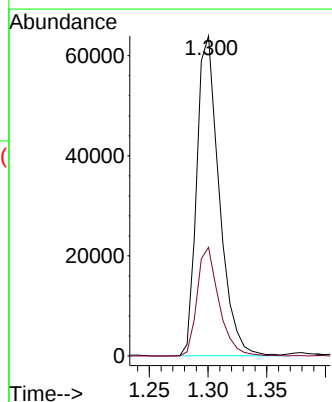
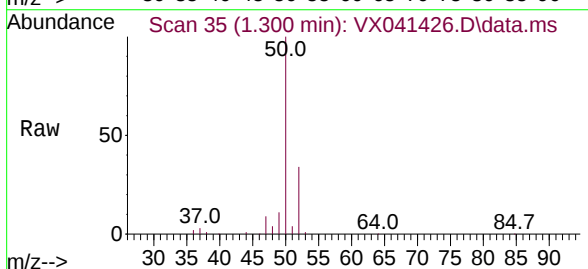
Instrument :
MSVOA_X
ClientSampleId :

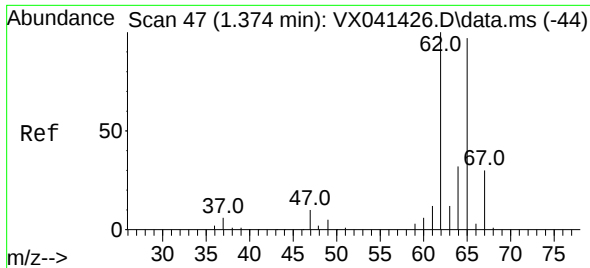
Tgt Ion: 85 Resp: 99691
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 50.383 ug/L
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 50 Resp: 85136
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1

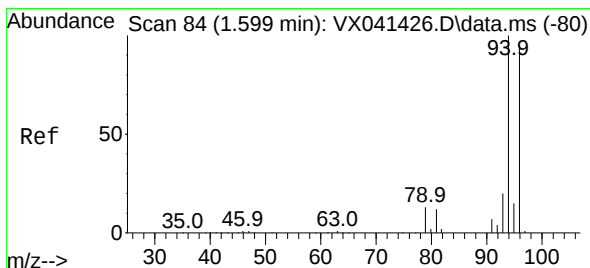
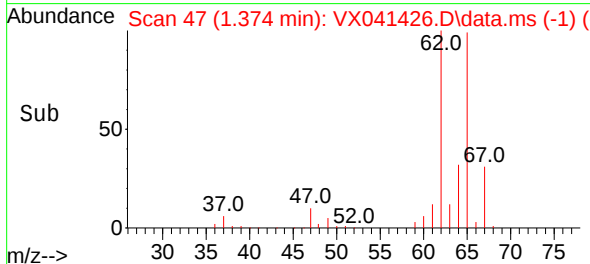
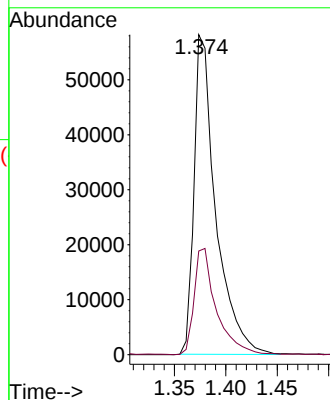
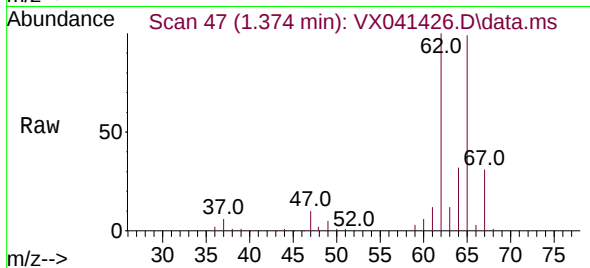




#5
Vinyl chloride
Concen: 49.199 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

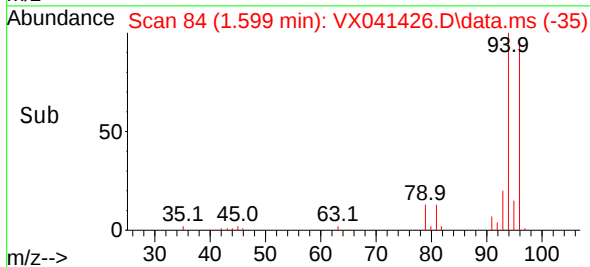
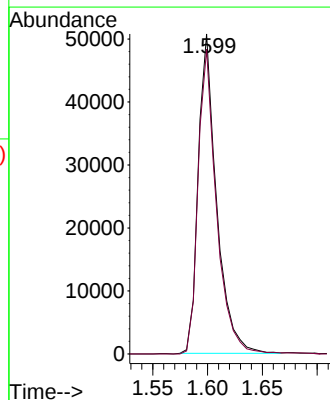
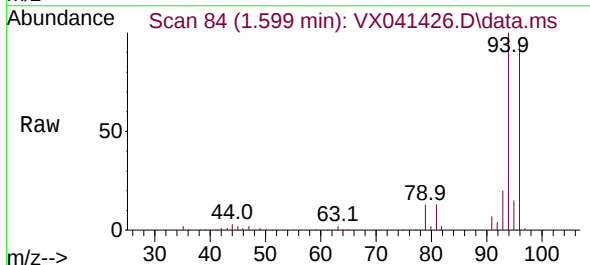
Instrument :
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ClientSampleId :

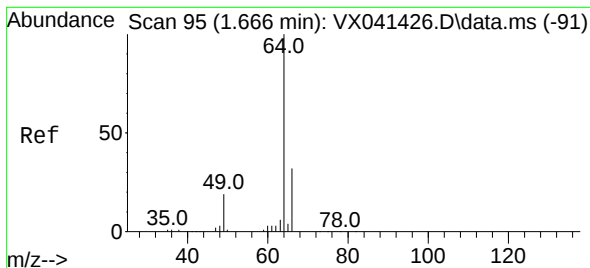
Tgt Ion: 62 Resp: 85630
Ion Ratio Lower Upper
62 100
64 32.4 22.7 42.1



#6
Bromomethane
Concen: 48.707 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 94 Resp: 59088
Ion Ratio Lower Upper
94 100
96 95.2 66.6 123.8





#8

Chloroethane

Concen: 49.086 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

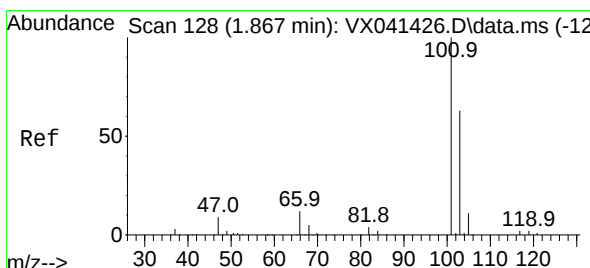
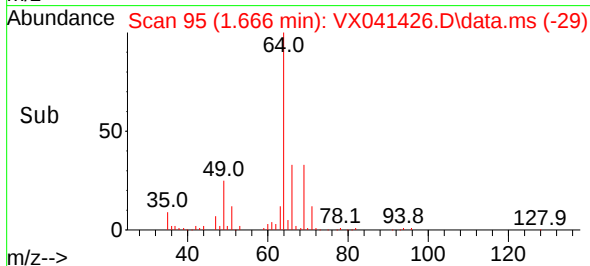
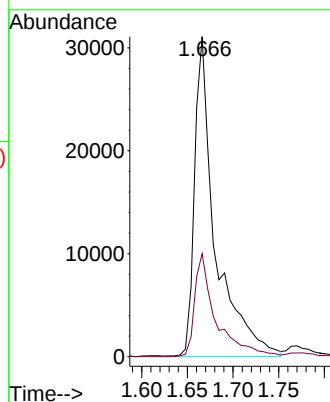
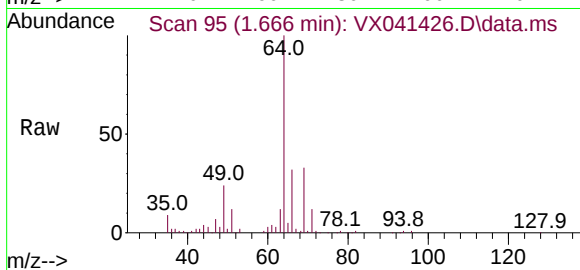
ClientSampleId :

Tgt Ion: 64 Resp: 48918

Ion Ratio Lower Upper

64 100

66 32.2 22.5 41.9



#9

Trichlorofluoromethane

Concen: 49.957 ug/L

RT: 1.867 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX041426.D

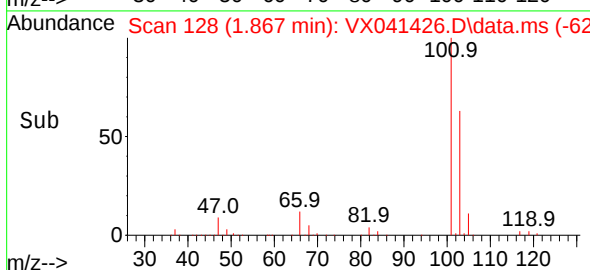
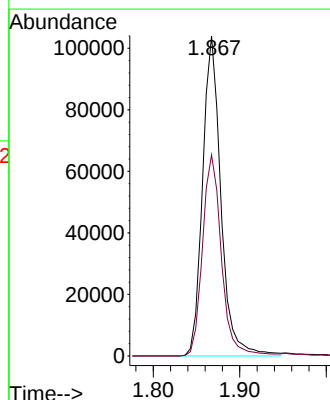
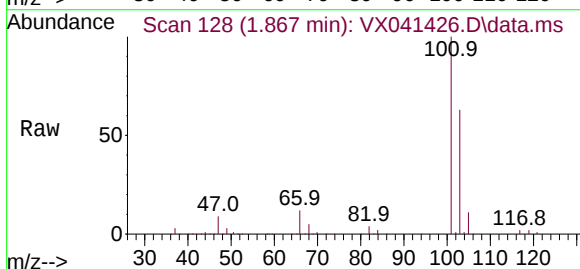
Acq: 09 May 2024 10:36

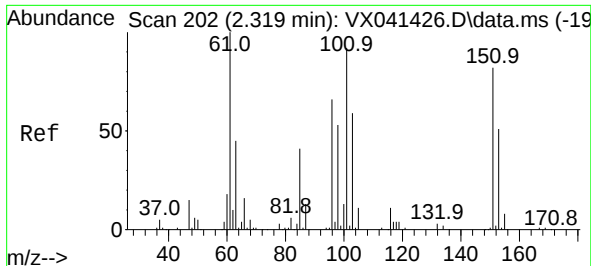
Tgt Ion:101 Resp: 153054

Ion Ratio Lower Upper

101 100

103 64.6 51.7 77.5

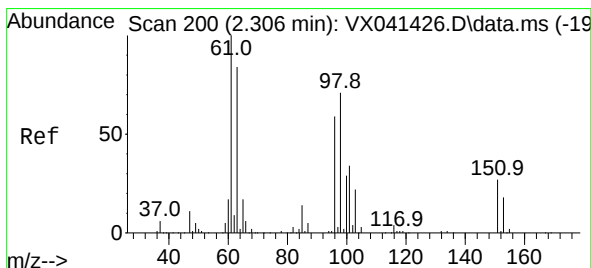
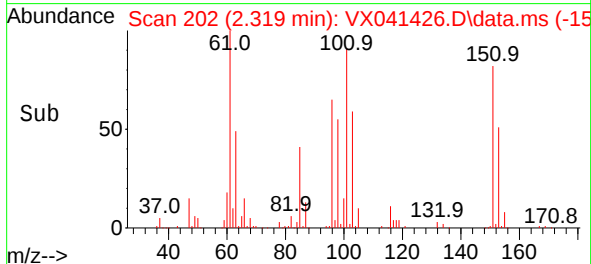
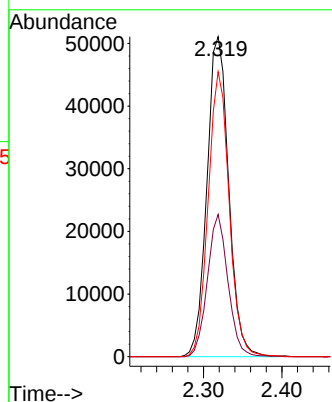
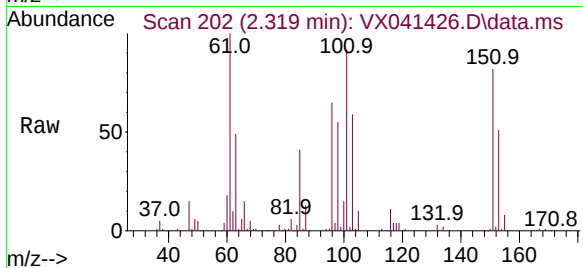




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.424 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

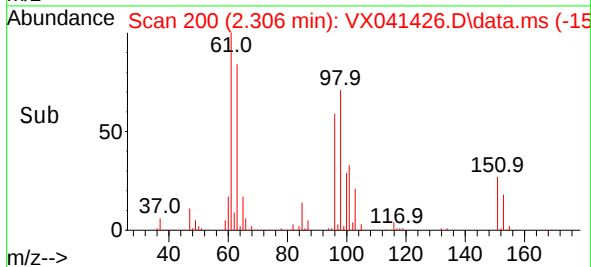
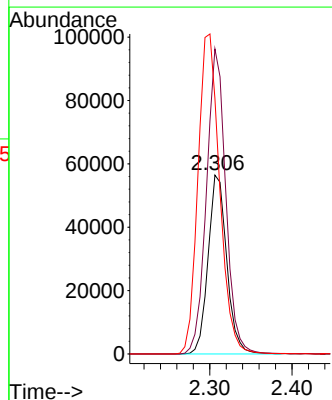
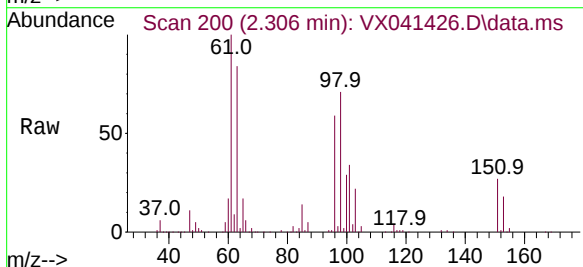
Instrument :
MSVOA_X
ClientSampleId :

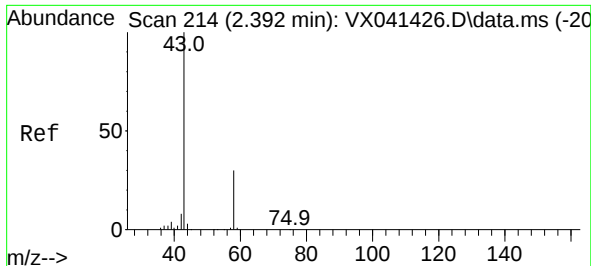
Tgt Ion:101 Resp: 98677
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.2
151 85.9 68.7 103.1



#12
1,1-Dichloroethene
Concen: 53.156 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 96 Resp: 89075
Ion Ratio Lower Upper
96 100
61 170.5 119.3 221.7
63 142.9 100.0 185.8





#13

Acetone

Concen: 99.423 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

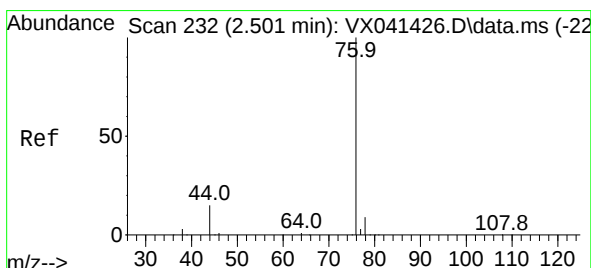
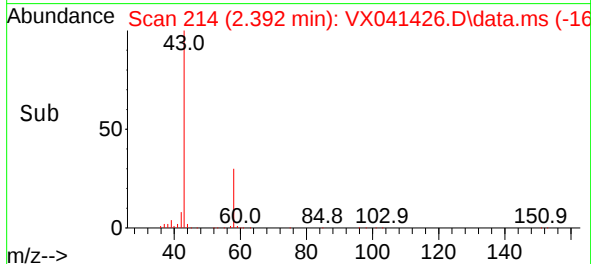
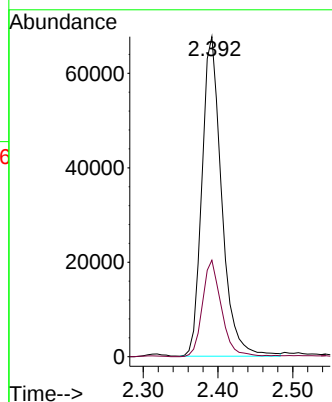
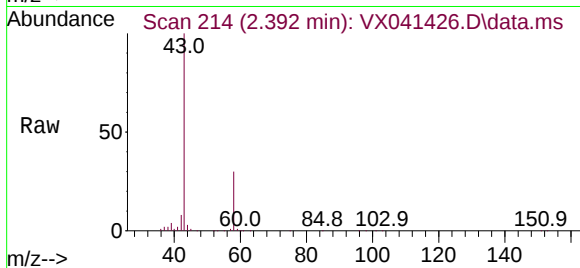
ClientSampleId :

Tgt Ion: 43 Resp: 124205

Ion Ratio Lower Upper

43 100

58 29.0 0.0 58.0



#14

Carbon disulfide

Concen: 52.630 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041426.D

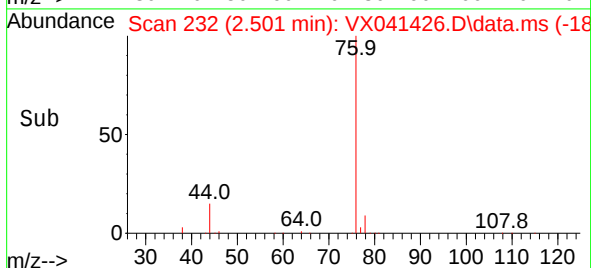
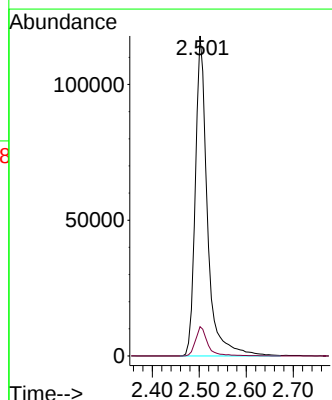
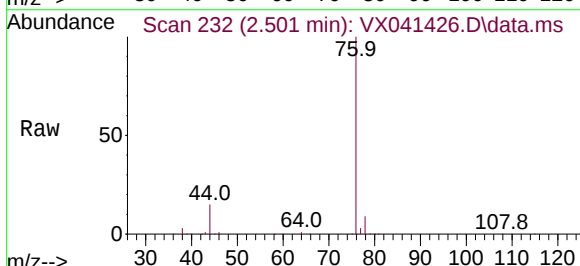
Acq: 09 May 2024 10:36

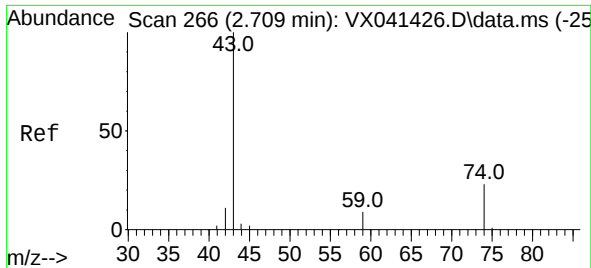
Tgt Ion: 76 Resp: 212105

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

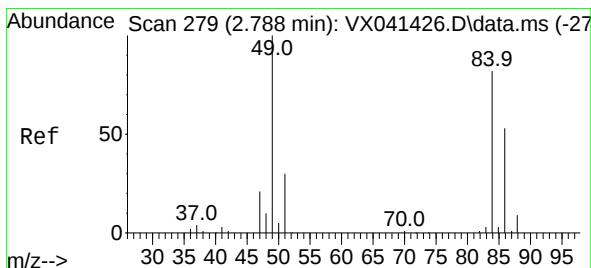
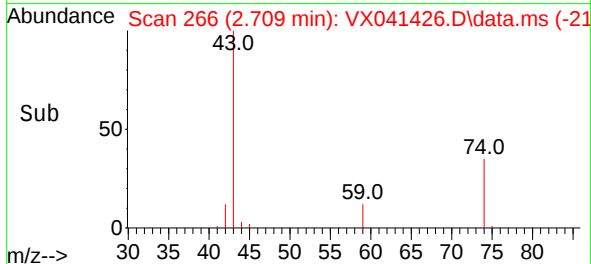
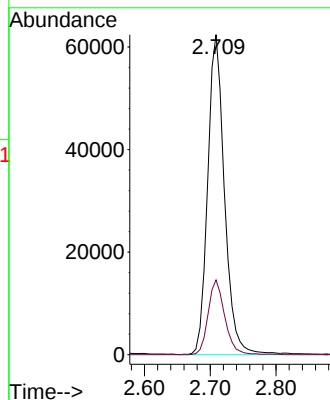
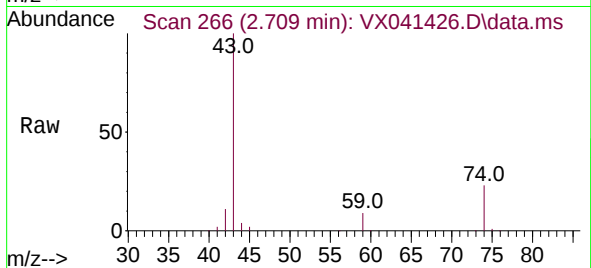




#15
Methyl Acetate
Concen: 52.590 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

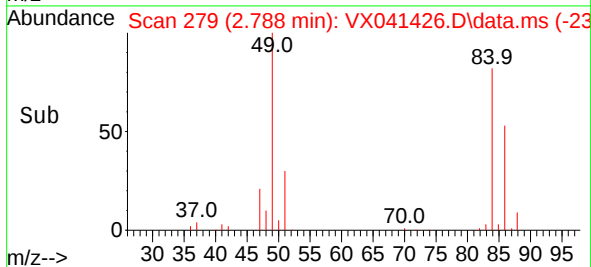
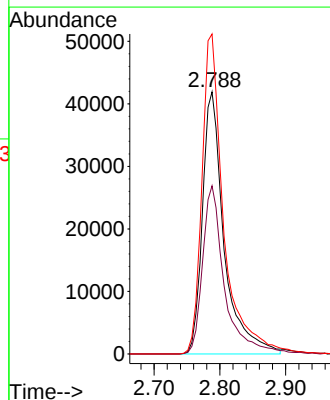
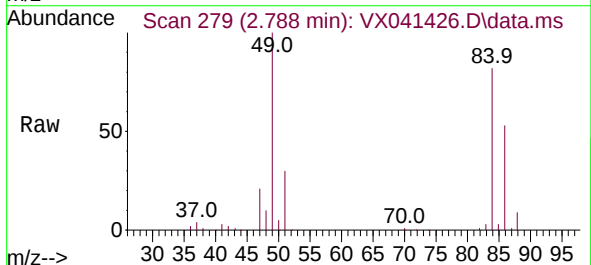
Instrument :
MSVOA_X
ClientSampleId :

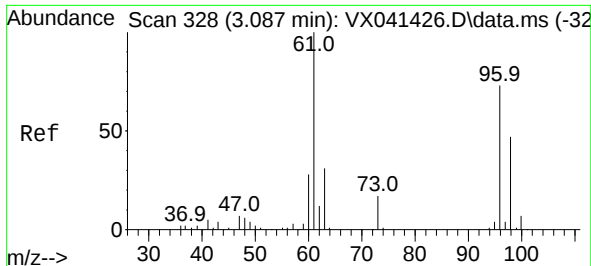
Tgt Ion: 43 Resp: 110880
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7



#16
Methylene chloride
Concen: 51.907 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

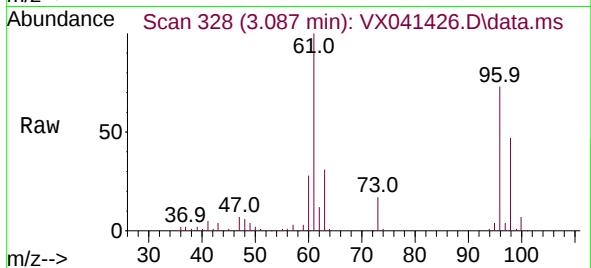
Tgt Ion: 84 Resp: 96319
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 122.1 85.5 158.7



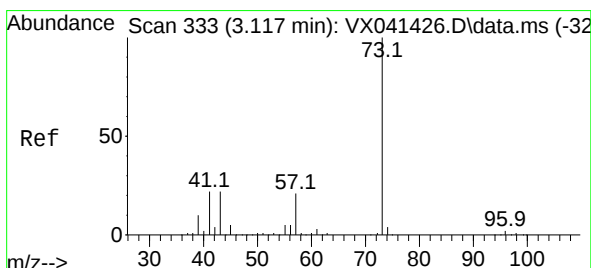
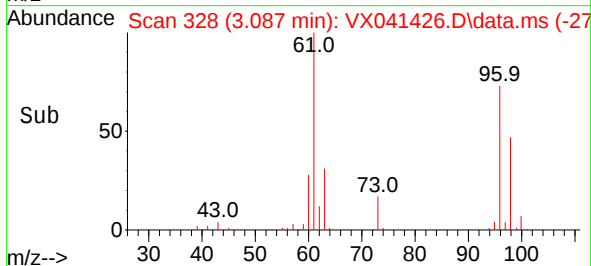
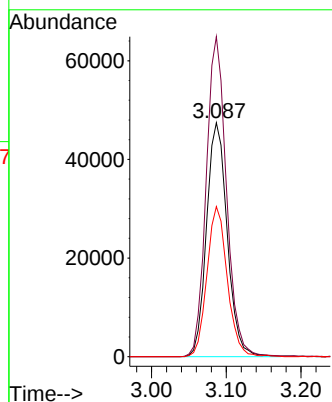


#17
trans-1,2-Dichloroethene
Concen: 53.102 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Instrument :
MSVOA_X
ClientSampleId :

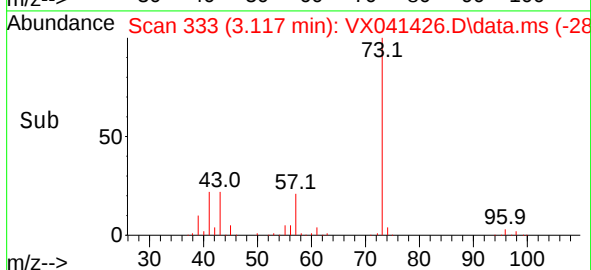
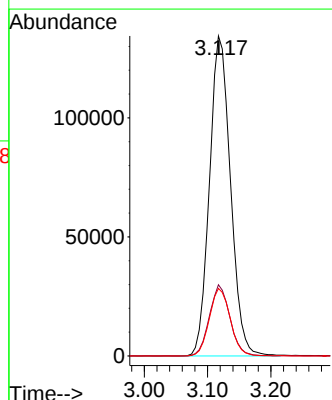
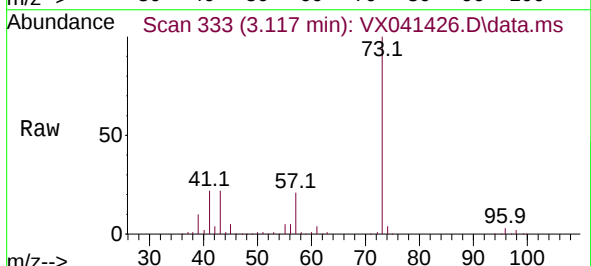


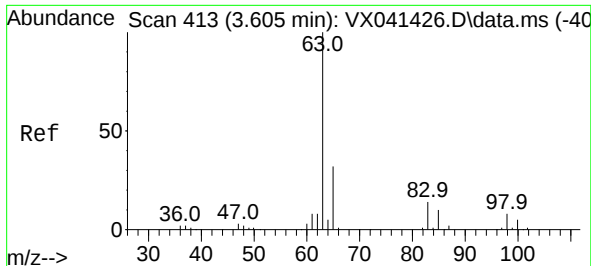
Tgt Ion: 96 Resp: 91240
Ion Ratio Lower Upper
96 100
61 136.8 95.8 177.8
98 64.2 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 52.976 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 73 Resp: 310559
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0
57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 52.581 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

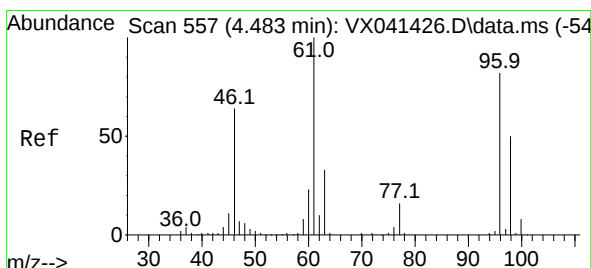
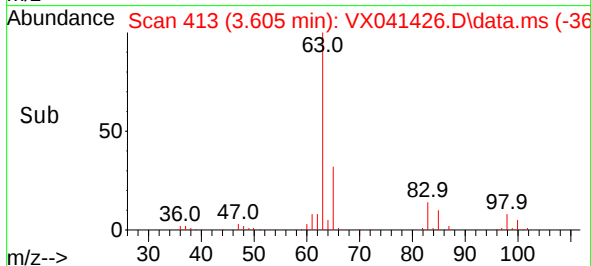
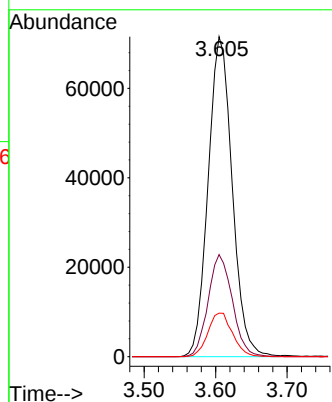
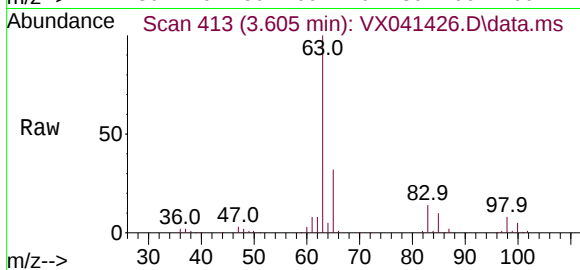
Tgt Ion: 63 Resp: 167293

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.521 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

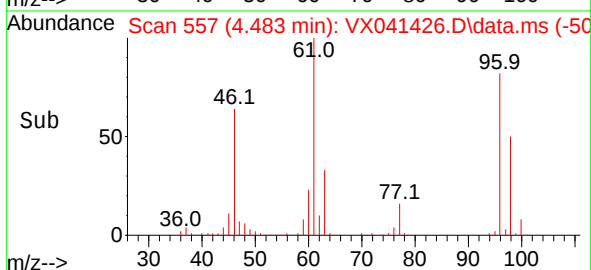
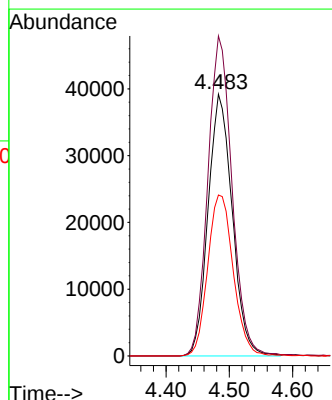
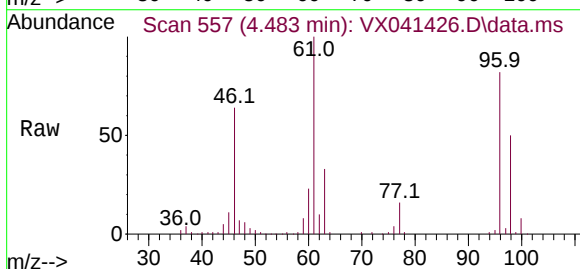
Tgt Ion: 96 Resp: 104172

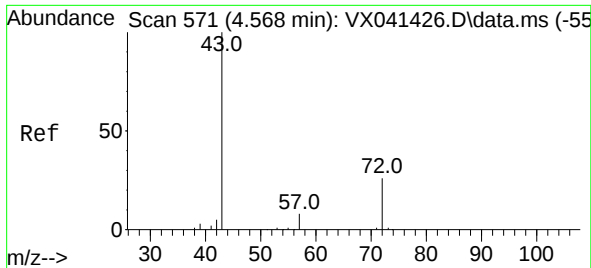
Ion Ratio Lower Upper

96 100

61 122.2 85.5 158.9

98 61.5 43.0 80.0

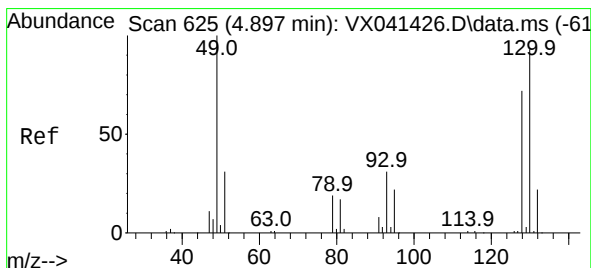
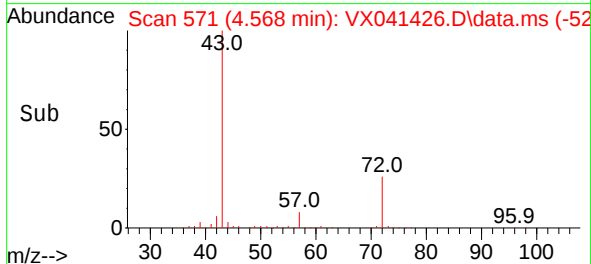
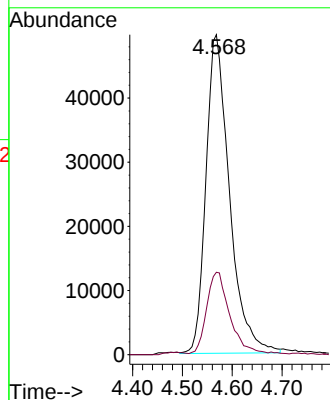
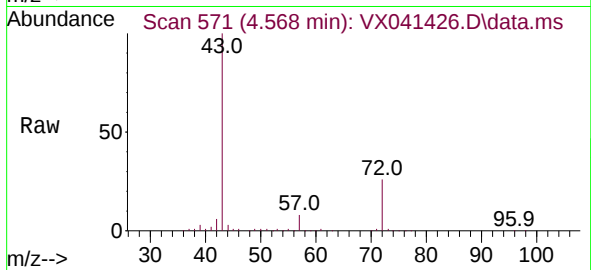




#22
2-Butanone
Concen: 104.352 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

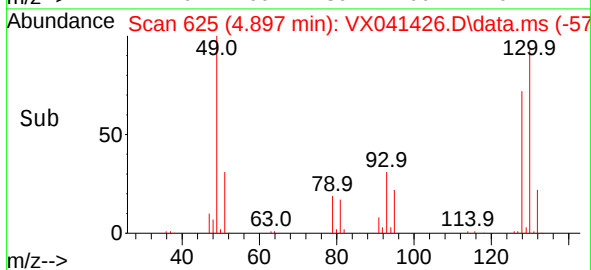
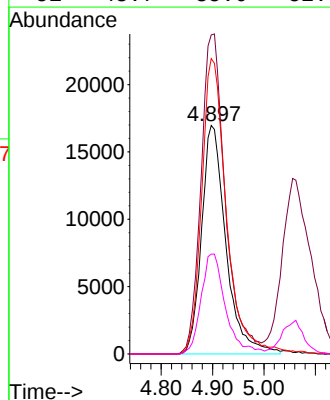
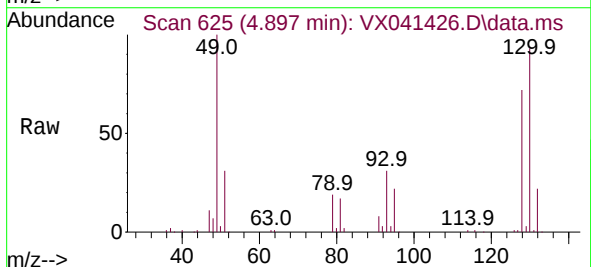
Instrument :
MSVOA_X
ClientSampleId :

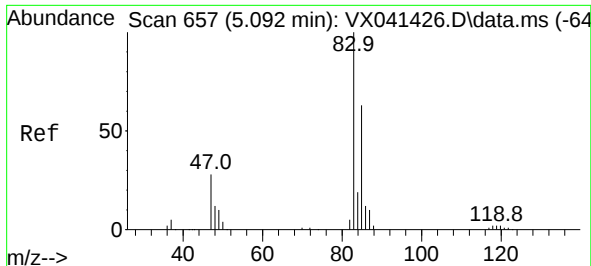
Tgt Ion: 43 Resp: 162777
Ion Ratio Lower Upper
43 100
72 24.9 12.4 37.4



#23
Bromochloromethane
Concen: 52.711 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 128 Resp: 55638
Ion Ratio Lower Upper
128 100
49 139.6 97.7 181.5
130 129.3 90.5 168.1
51 43.7 35.0 52.4





#25

Chloroform

Concen: 52.688 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

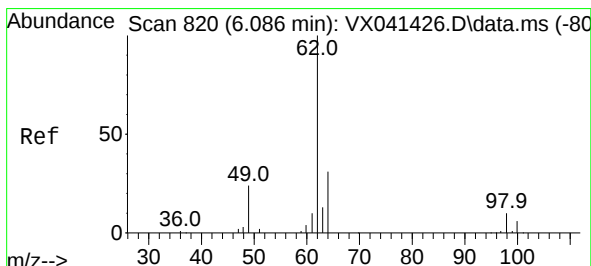
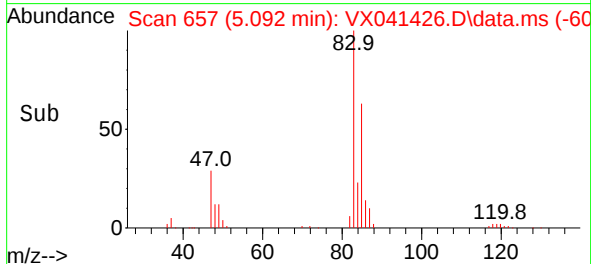
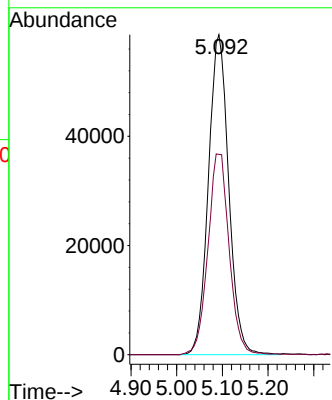
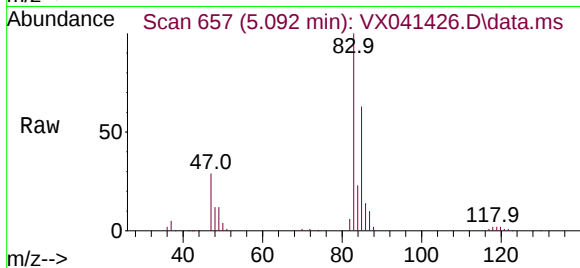
ClientSampleId :

Tgt Ion: 83 Resp: 181014

Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 51.918 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041426.D

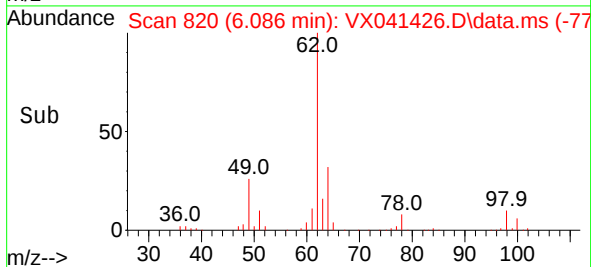
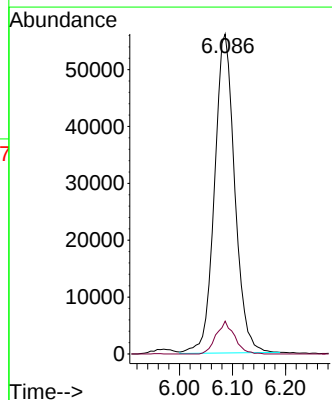
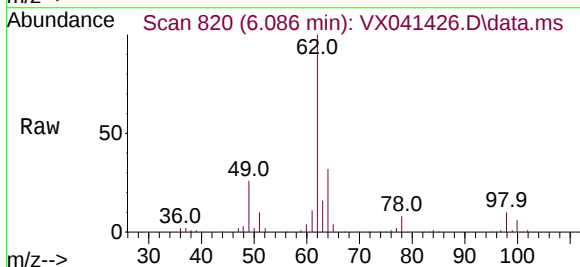
Acq: 09 May 2024 10:36

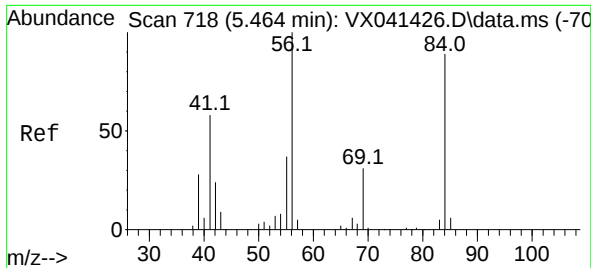
Tgt Ion: 62 Resp: 148631

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 50.516 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

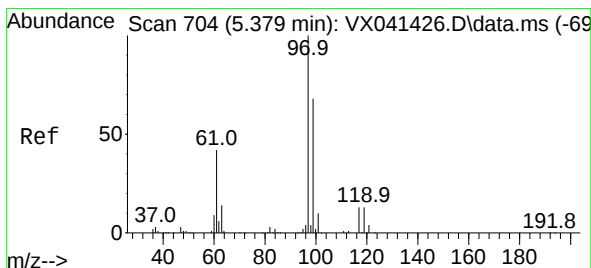
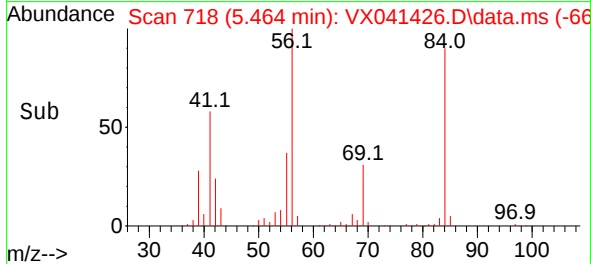
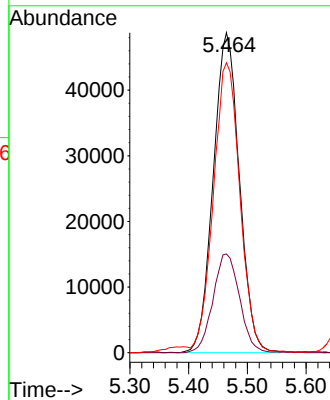
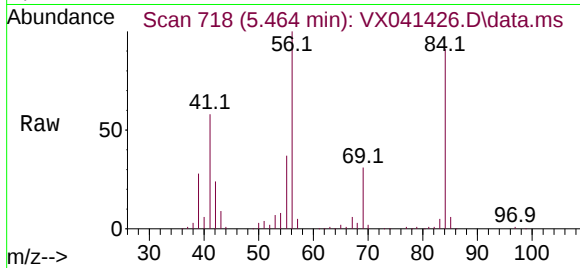
Tgt Ion: 56 Resp: 150578

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 91.8 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 50.065 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

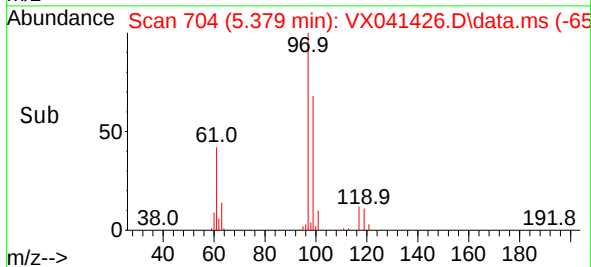
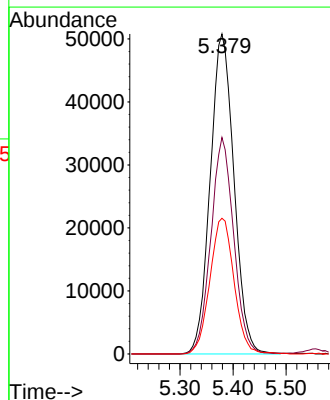
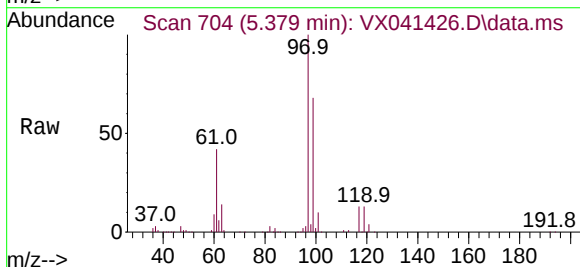
Tgt Ion: 97 Resp: 157973

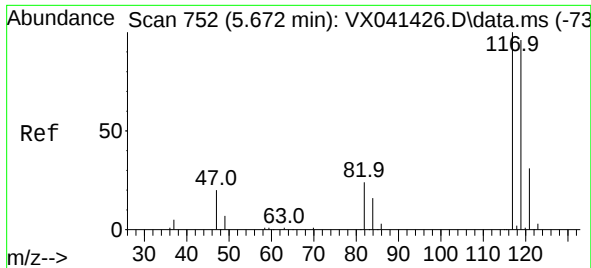
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 43.2 34.6 51.8

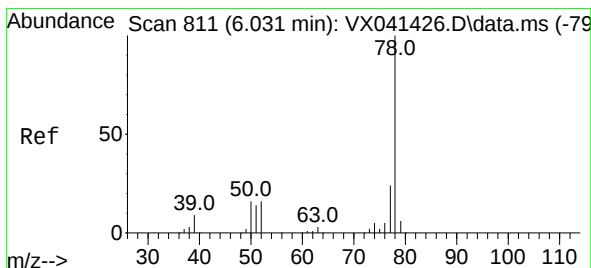
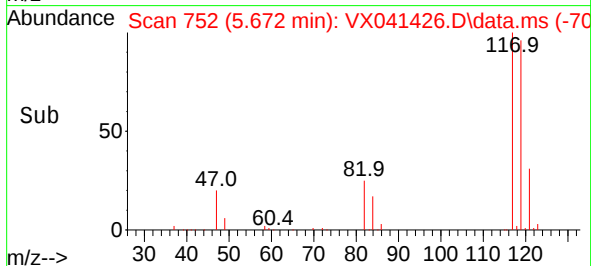
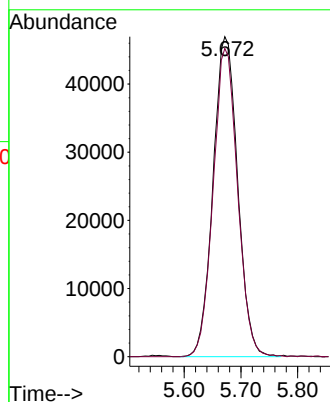
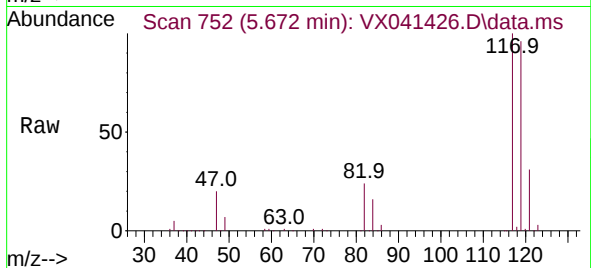




#31
Carbon tetrachloride
Concen: 50.465 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

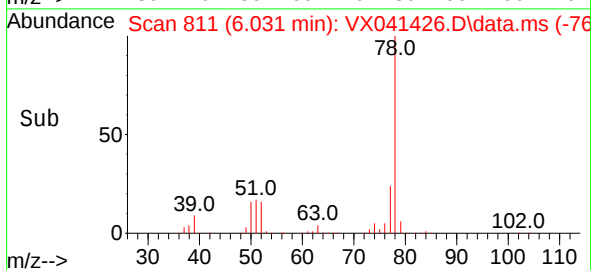
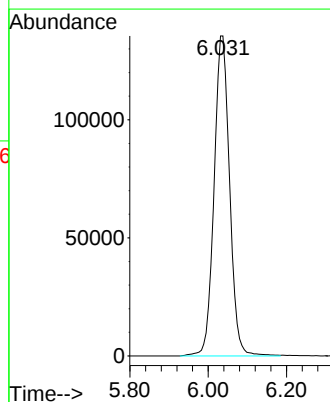
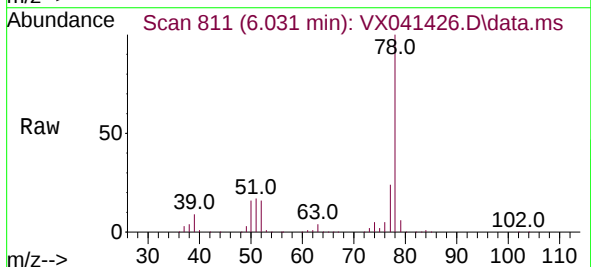
Instrument :
MSVOA_X
ClientSampleId :

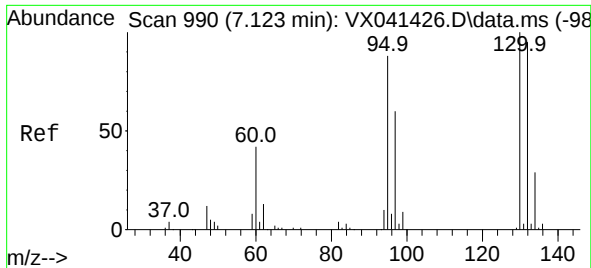
Tgt Ion:117 Resp: 141360
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 49.701 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 78 Resp: 372800

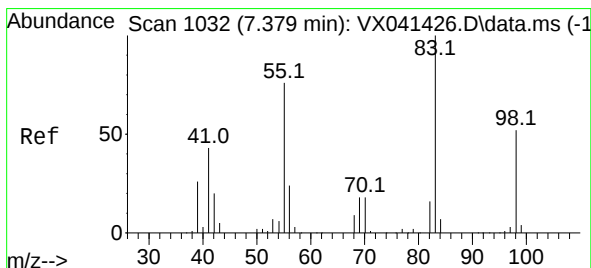
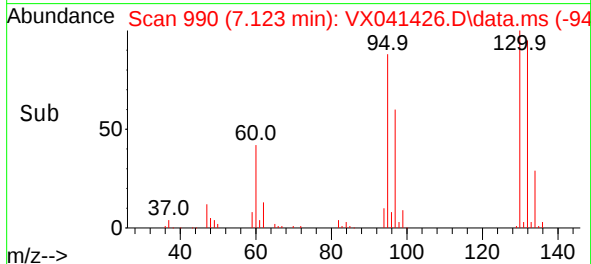
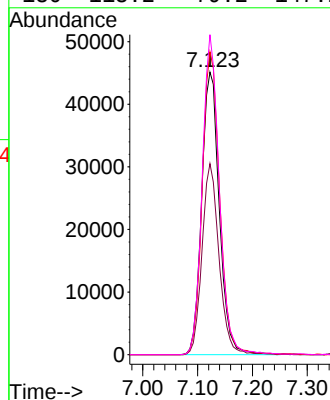
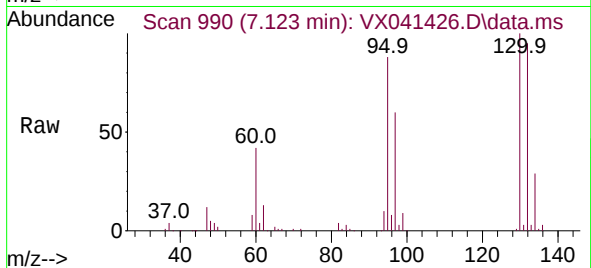




#34
Trichloroethene
Concen: 49.163 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

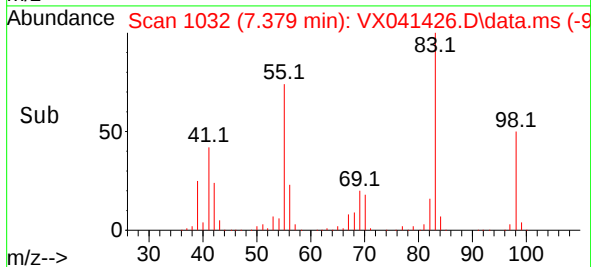
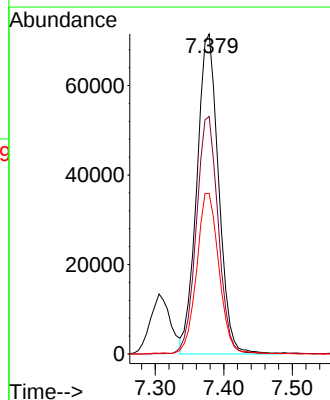
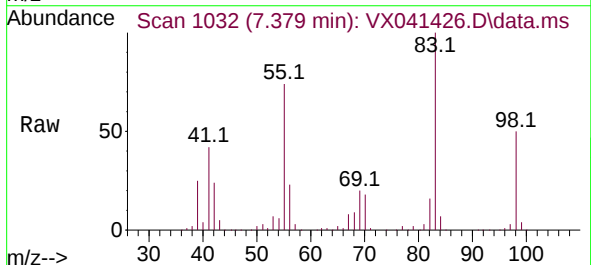
Instrument :
MSVOA_X
ClientSampleId :

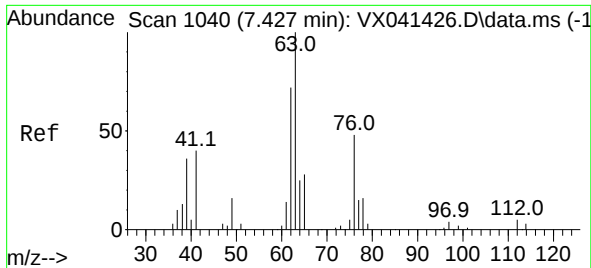
Tgt Ion: 95 Resp: 101012
Ion Ratio Lower Upper
95 100
97 67.6 47.3 87.9
132 107.2 75.0 139.4
130 113.2 79.2 147.2



#35
Methylcyclohexane
Concen: 49.730 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 83 Resp: 158327
Ion Ratio Lower Upper
83 100
55 73.7 59.0 88.4
98 51.0 40.8 61.2

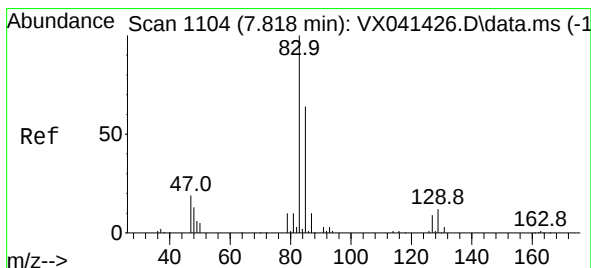
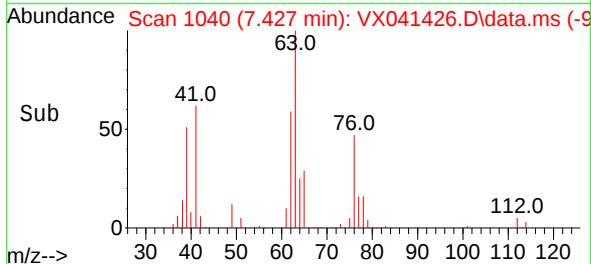
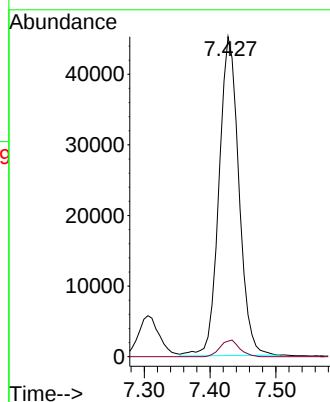
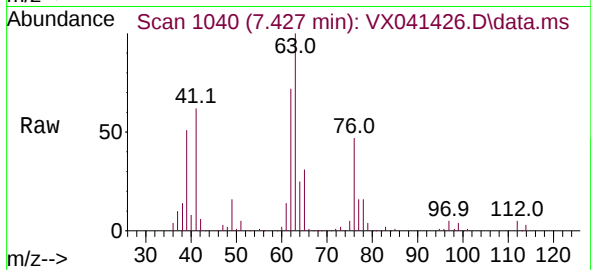




#37
1,2-Dichloropropane
Concen: 50.446 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

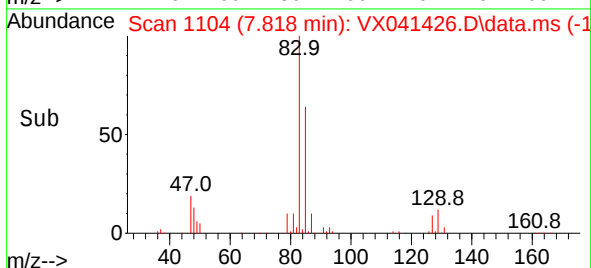
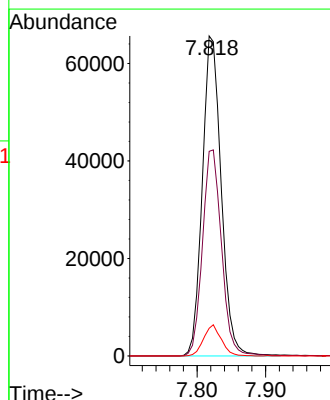
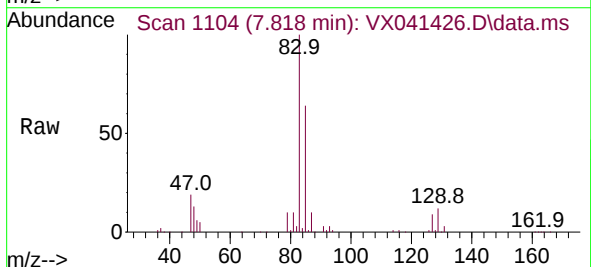
Instrument :
MSVOA_X
ClientSampleId :

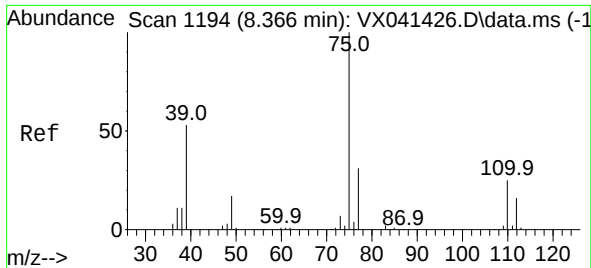
Tgt Ion: 63 Resp: 95284
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1



#38
Bromodichloromethane
Concen: 49.393 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion: 83 Resp: 126107
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 8.7 7.0 10.4

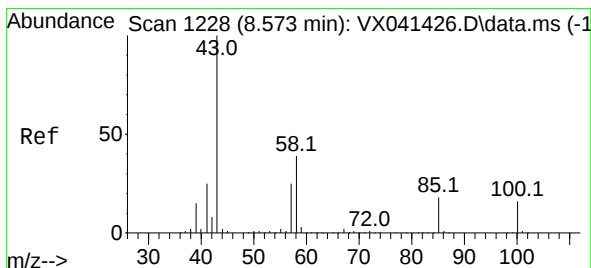
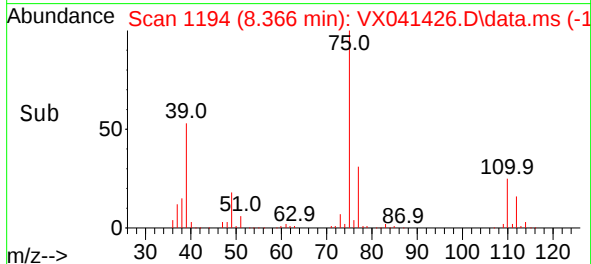
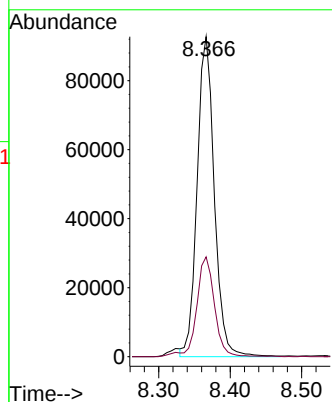
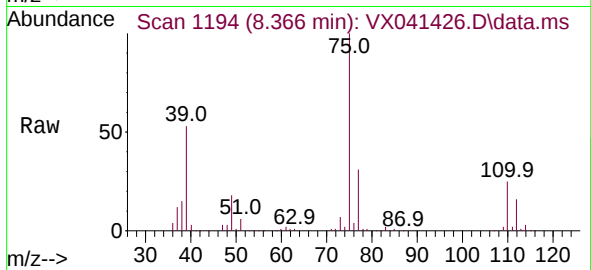




#39
 cis-1,3-Dichloropropene
 Concen: 49.430 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041426.D
 Acq: 09 May 2024 10:36

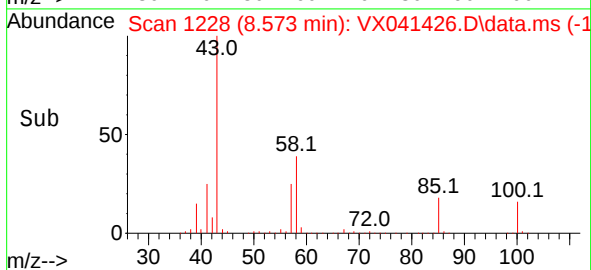
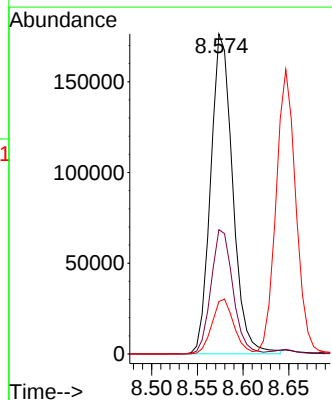
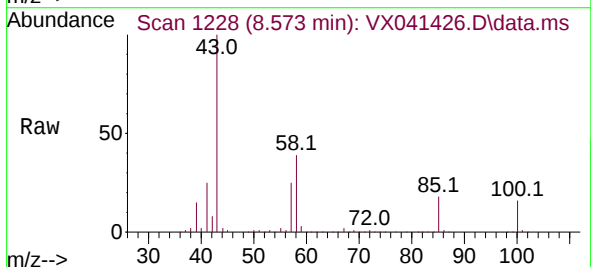
Instrument :
 MSVOA_X
 ClientSampleId :

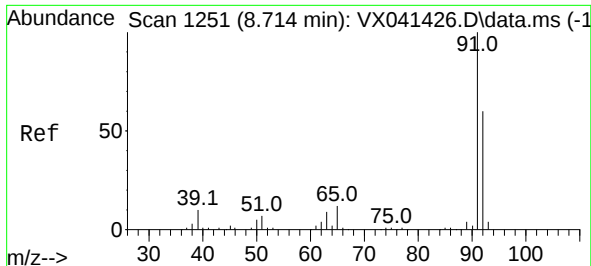
Tgt Ion: 75 Resp: 154619
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 97.205 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX041426.D
 Acq: 09 May 2024 10:36

Tgt Ion: 43 Resp: 295484
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3
 100 17.0 13.6 20.4





#42

Toluene

Concen: 49.207 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

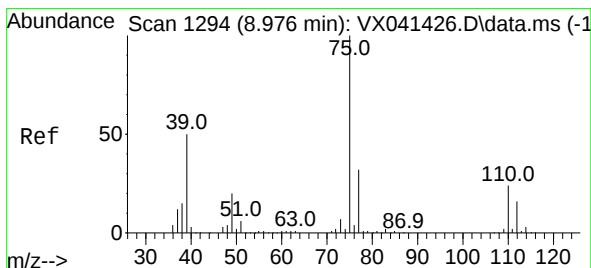
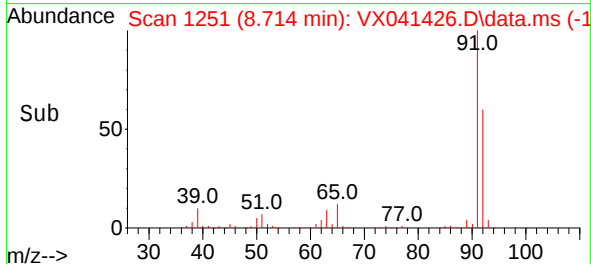
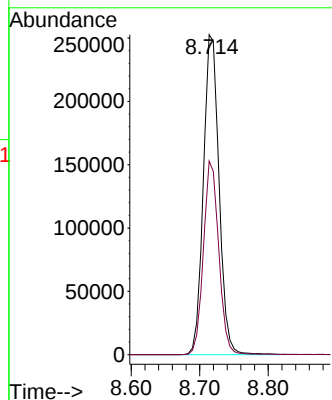
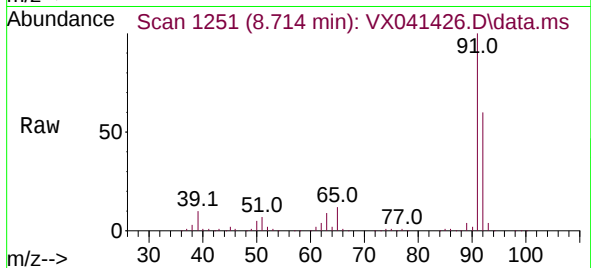
ClientSampleId :

Tgt Ion: 91 Resp: 402775

Ion Ratio Lower Upper

91 100

92 60.5 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 49.307 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041426.D

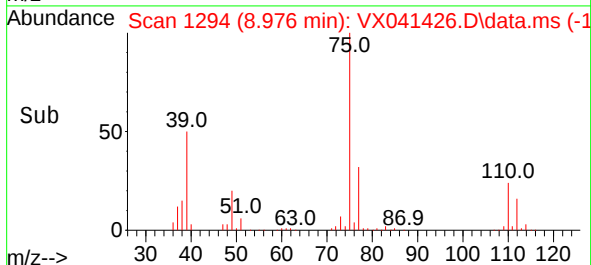
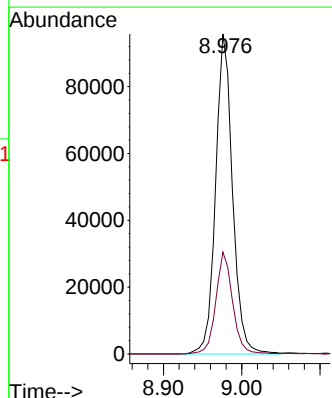
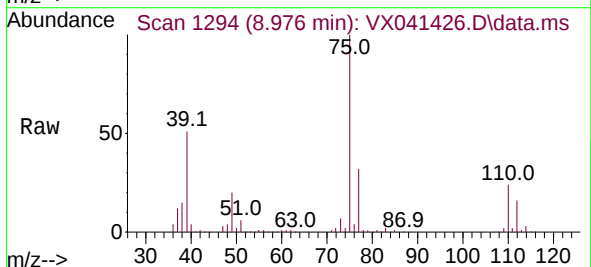
Acq: 09 May 2024 10:36

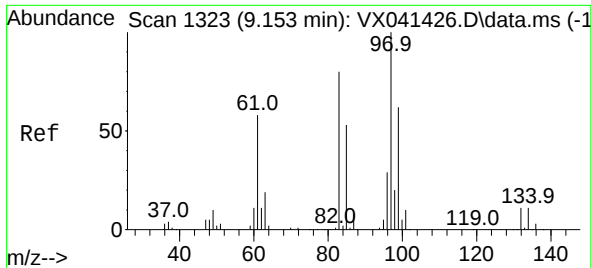
Tgt Ion: 75 Resp: 143825

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3

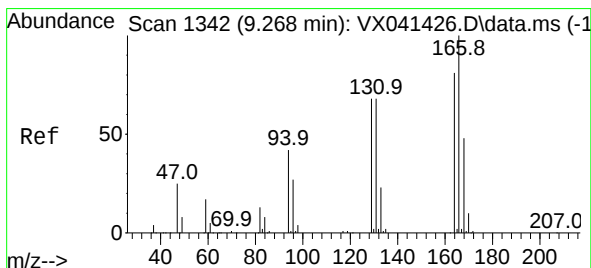
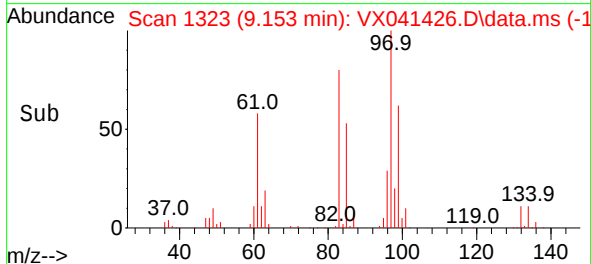
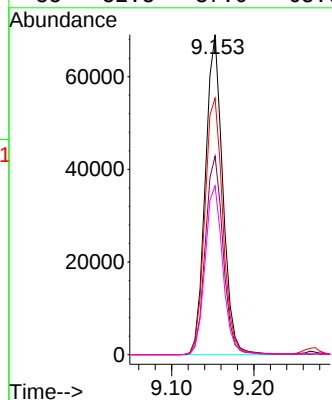
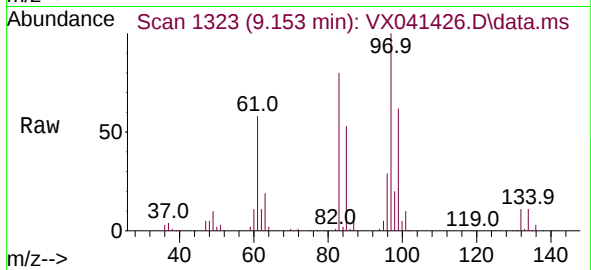




#45
1,1,2-Trichloroethane
Concen: 48.813 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

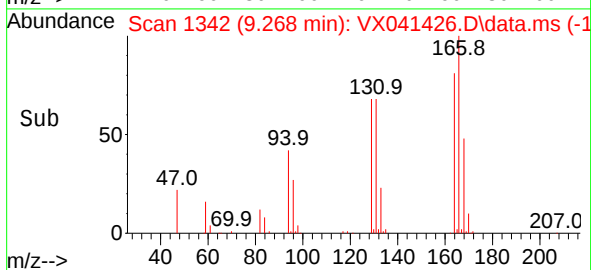
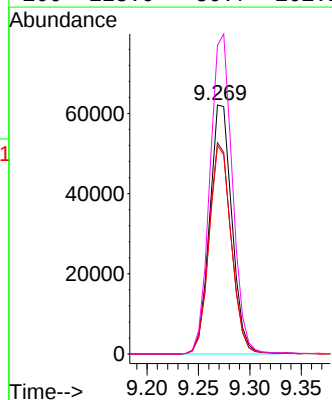
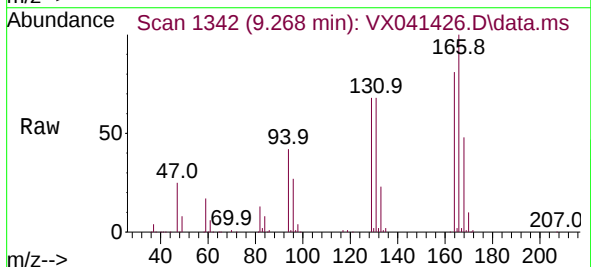
Instrument :
MSVOA_X
ClientSampleId :

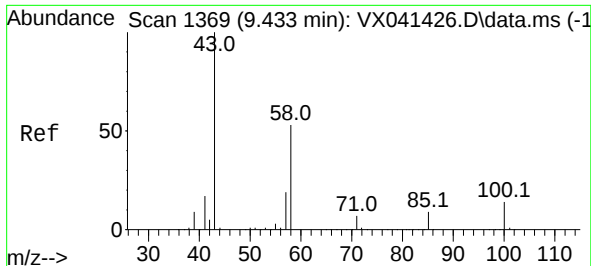
Tgt Ion:	97	Resp:	101954
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.4	80.6
83	80.2	56.1	104.3
85	52.8	37.0	68.6



#46
Tetrachloroethene
Concen: 47.859 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion:	164	Resp:	94105
Ion	Ratio	Lower	Upper
164	100		
129	84.9	59.4	110.4
131	83.8	58.7	108.9
166	123.9	86.7	161.1





#48

2-Hexanone

Concen: 102.626 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 249927

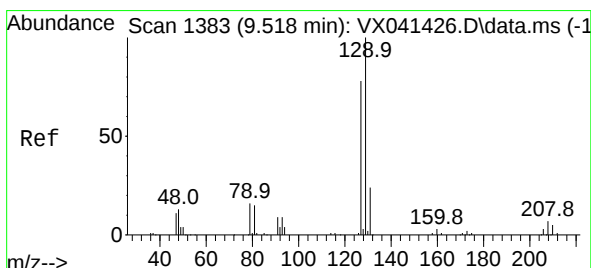
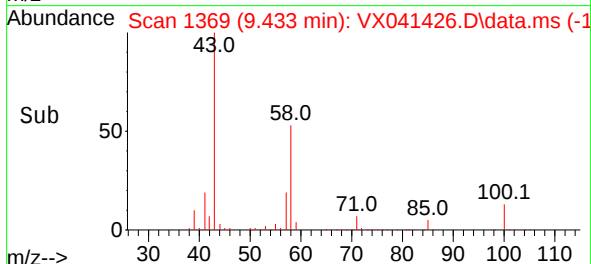
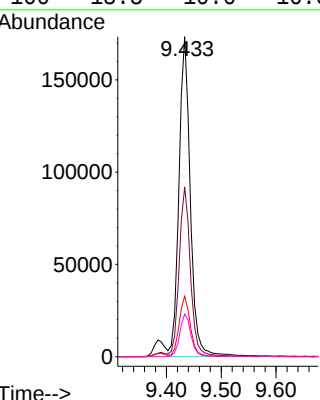
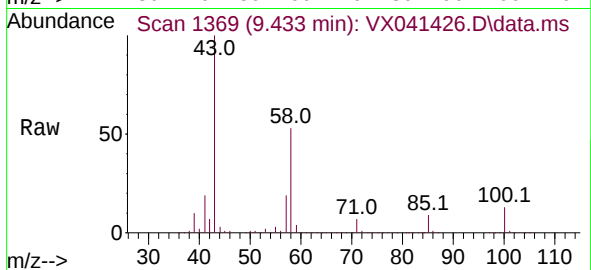
Ion Ratio Lower Upper

43 100

58 52.9 42.3 63.5

57 18.9 15.1 22.7

100 13.3 10.6 16.0



#49

Dibromochloromethane

Concen: 51.092 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041426.D

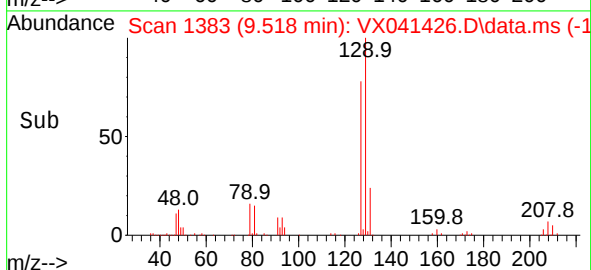
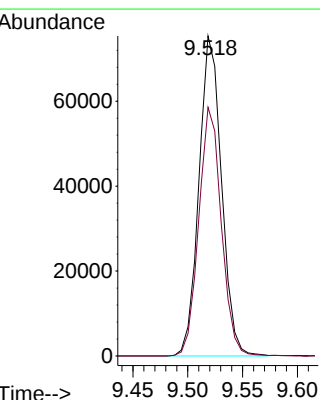
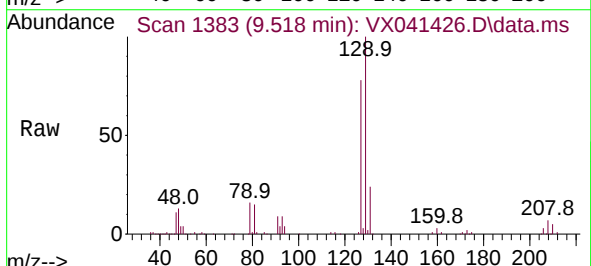
Acq: 09 May 2024 10:36

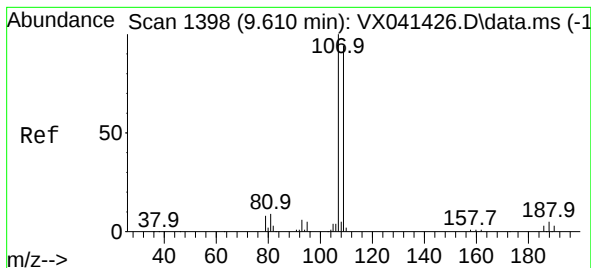
Tgt Ion:129 Resp: 107874

Ion Ratio Lower Upper

129 100

127 77.7 54.4 101.0





#50

1,2-Dibromoethane

Concen: 50.532 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

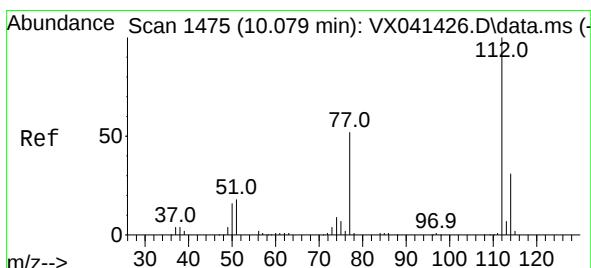
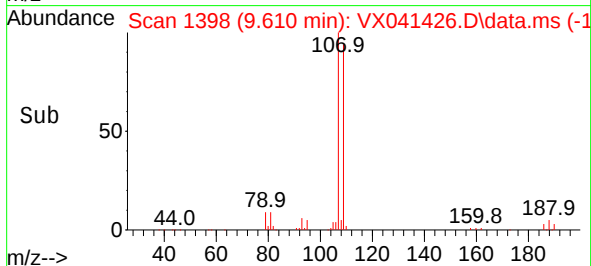
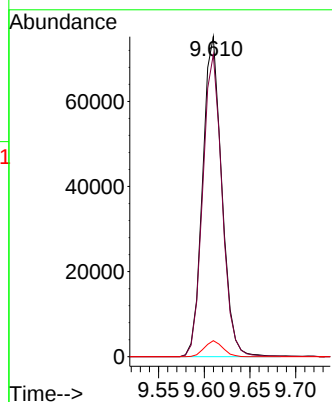
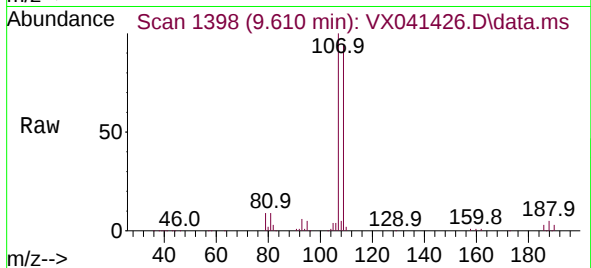
Tgt Ion:107 Resp: 109813

Ion Ratio Lower Upper

107 100

109 94.4 66.1 122.7

188 5.0 4.0 6.0



#51

Chlorobenzene

Concen: 50.983 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

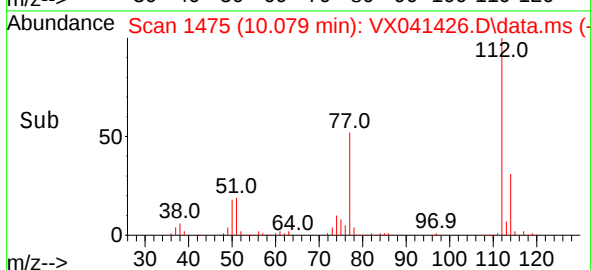
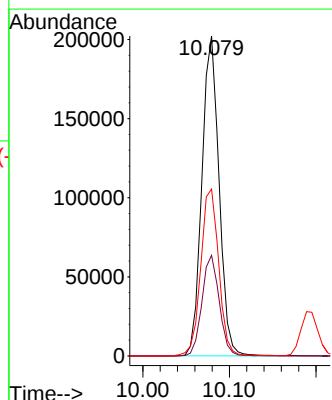
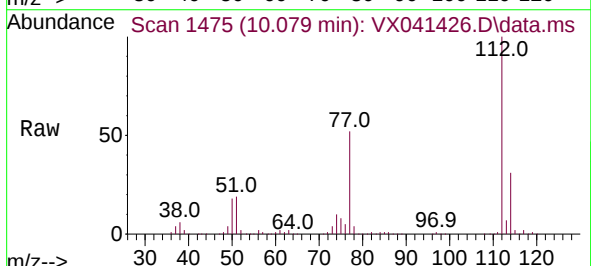
Tgt Ion:112 Resp: 278290

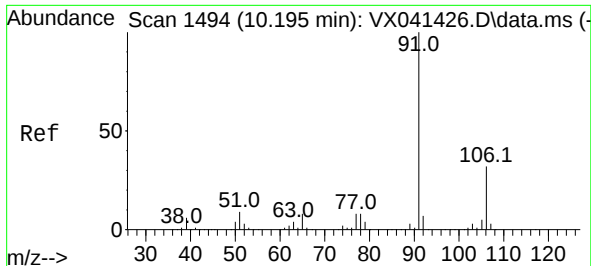
Ion Ratio Lower Upper

112 100

114 31.5 22.0 41.0

77 52.1 41.7 62.5





#52

Ethylbenzene

Concen: 50.677 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

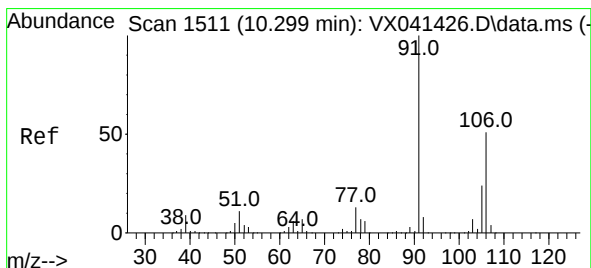
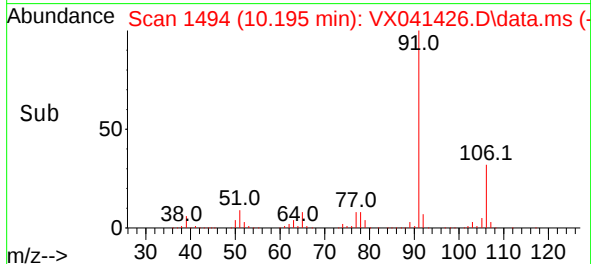
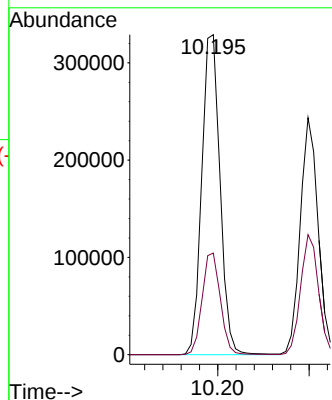
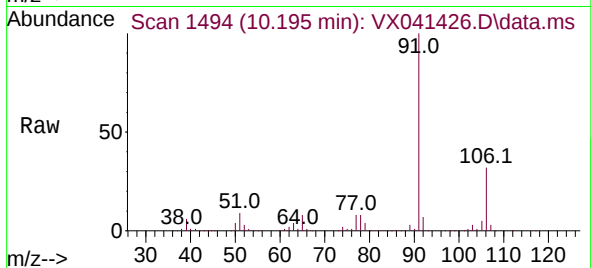
ClientSampleId :

Tgt Ion: 91 Resp: 455126

Ion Ratio Lower Upper

91 100

106 31.7 22.2 41.2



#53

m,p-Xylene

Concen: 47.181 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041426.D

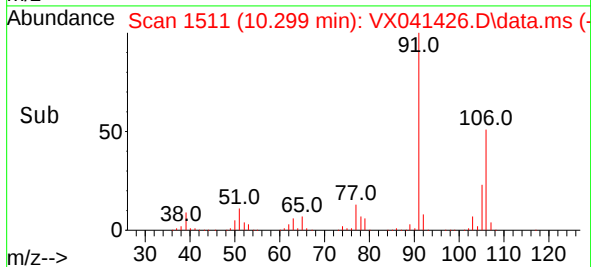
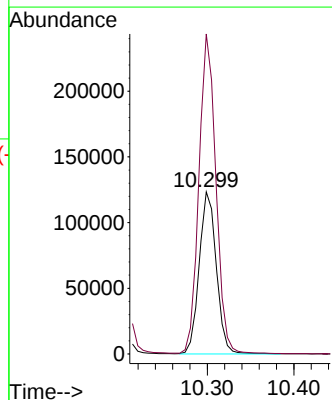
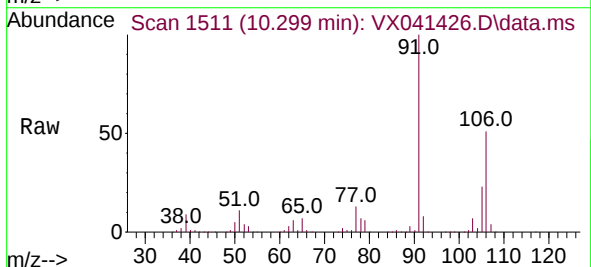
Acq: 09 May 2024 10:36

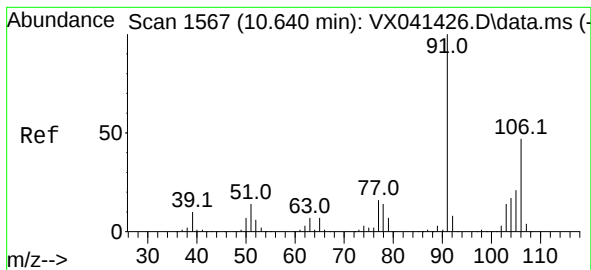
Tgt Ion:106 Resp: 169497

Ion Ratio Lower Upper

106 100

91 197.3 138.1 256.5

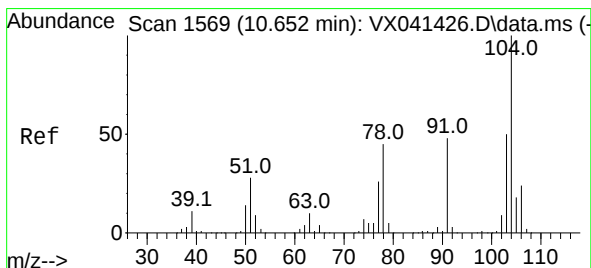
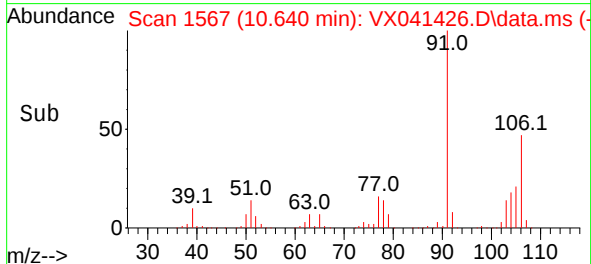
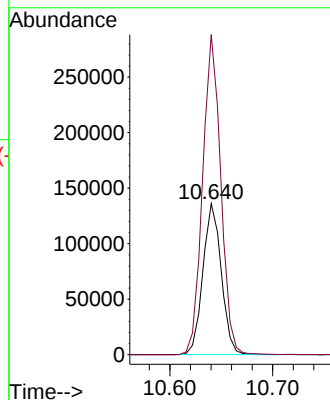
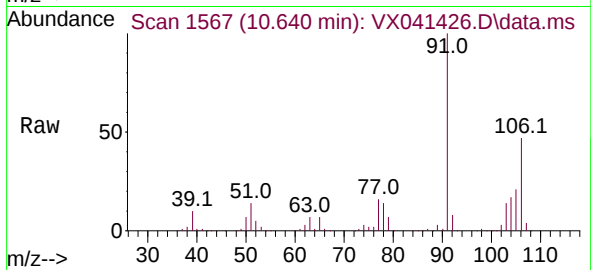




#54
o-Xylene
Concen: 46.214 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

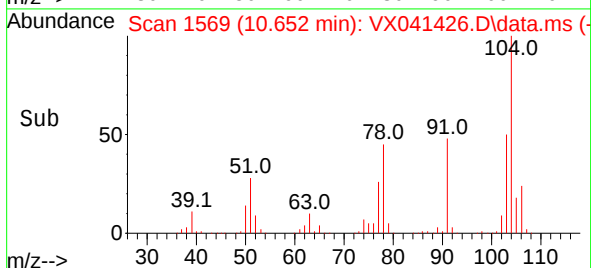
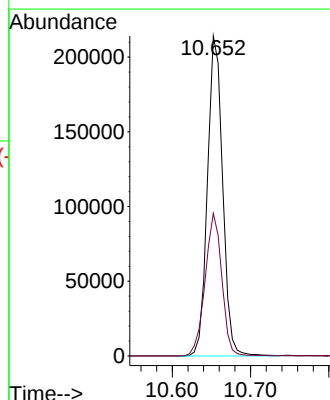
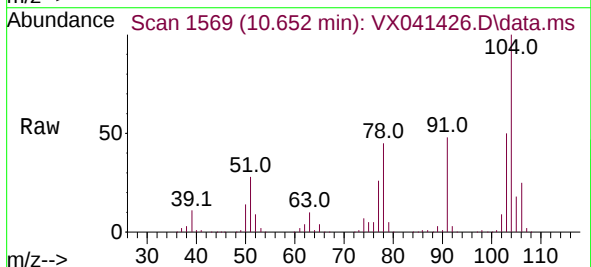
Instrument :
MSVOA_X
ClientSampleId :

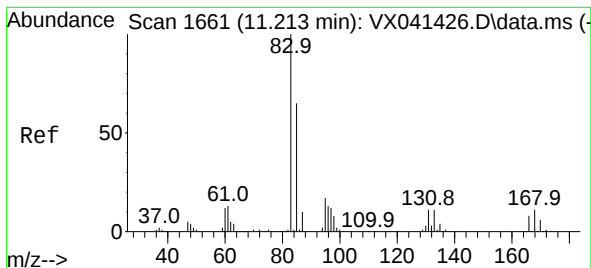
Tgt Ion:106 Resp: 169180
Ion Ratio Lower Upper
106 100
91 212.0 148.4 275.6



#55
Styrene
Concen: 47.067 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion:104 Resp: 287750
Ion Ratio Lower Upper
104 100
78 44.6 31.2 58.0

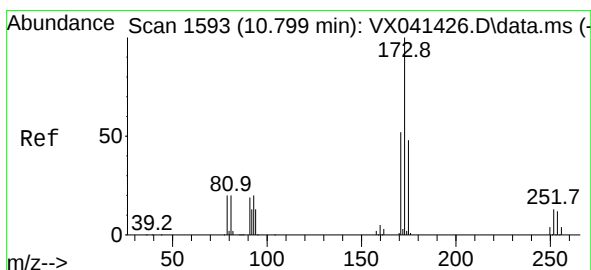
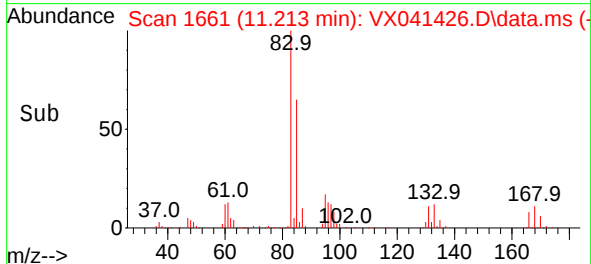
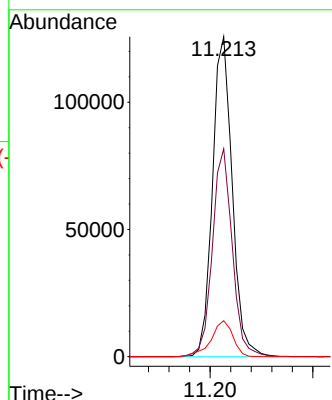
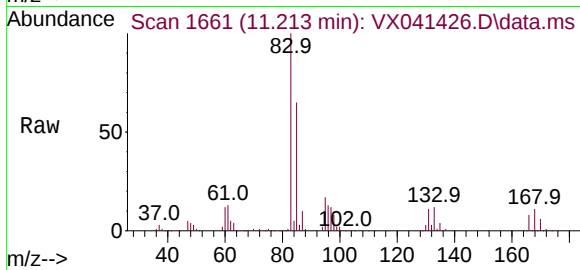




#57
1,1,2,2-Tetrachloroethane
Concen: 48.280 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

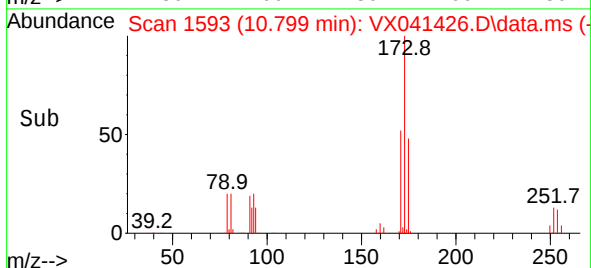
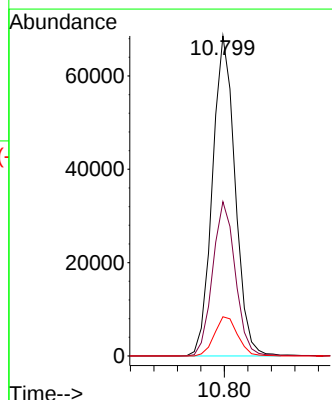
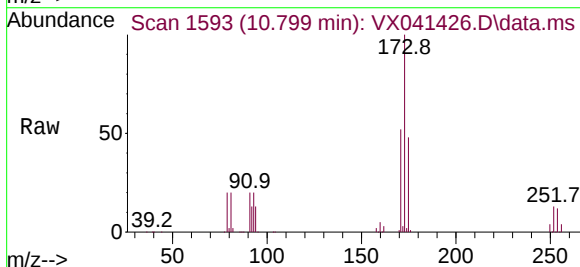
Instrument :
MSVOA_X
ClientSampleId :

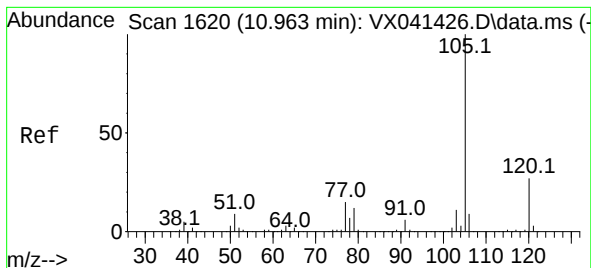
Tgt Ion: 83 Resp: 167319
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 11.2 9.0 13.4



#59
Bromoform
Concen: 53.017 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion:173 Resp: 91998
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 12.5 10.0 15.0





#60

Isopropylbenzene

Concen: 52.373 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

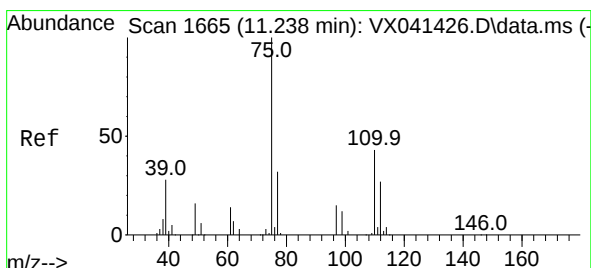
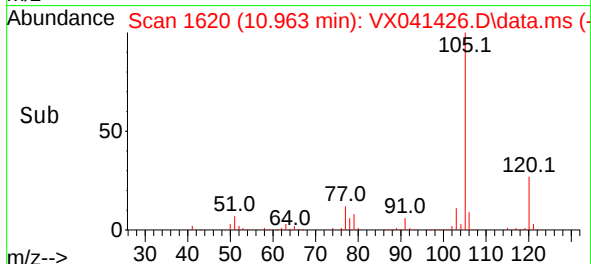
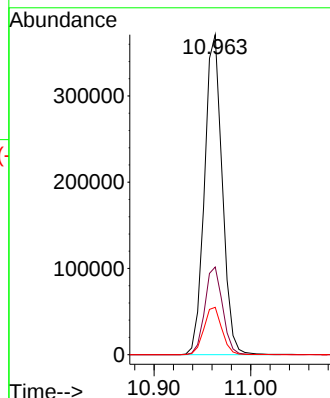
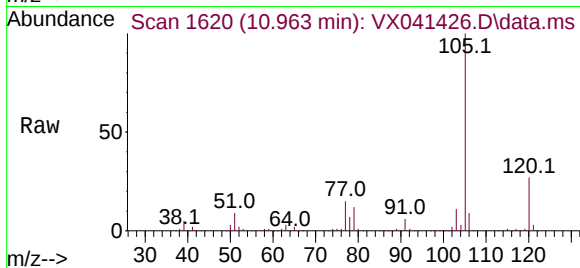
Tgt Ion:105 Resp: 473834

Ion Ratio Lower Upper

105 100

120 27.5 22.0 33.0

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 51.128 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

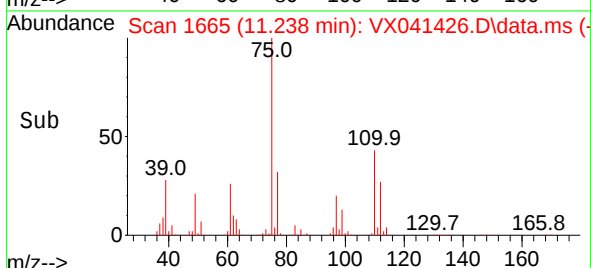
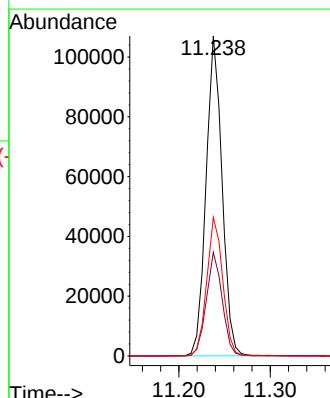
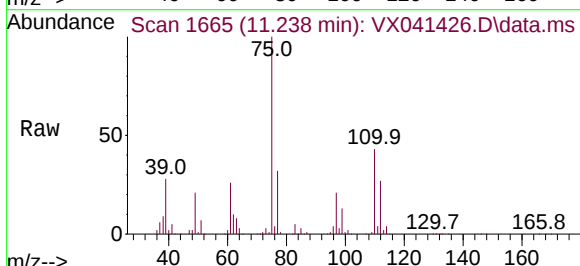
Tgt Ion: 75 Resp: 129601

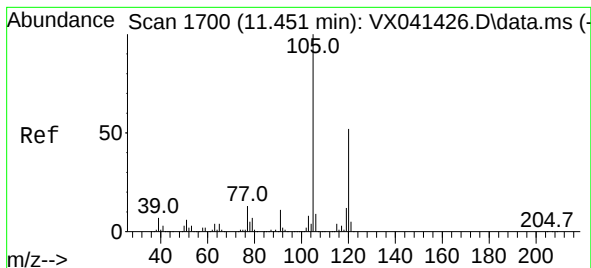
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 43.5 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 52.529 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

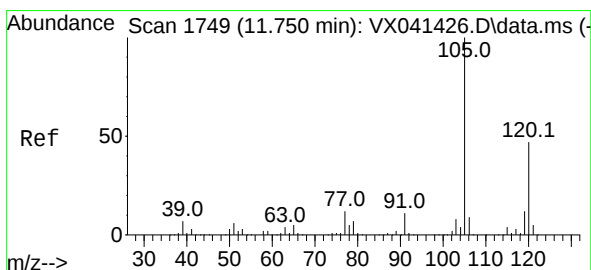
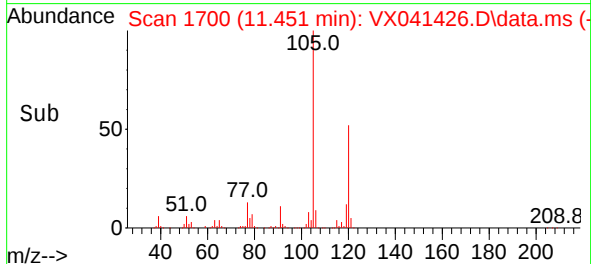
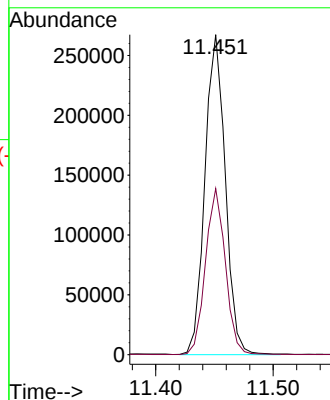
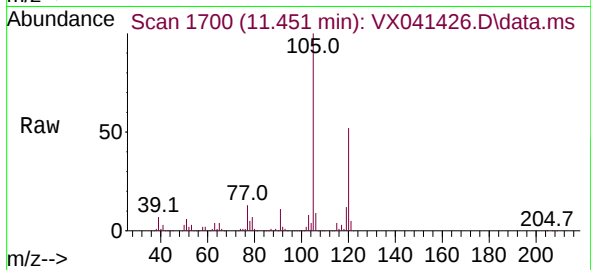
ClientSampleId :

Tgt Ion:105 Resp: 321085

Ion Ratio Lower Upper

105 100

120 50.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 52.138 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041426.D

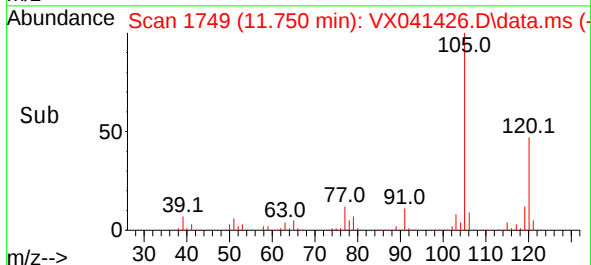
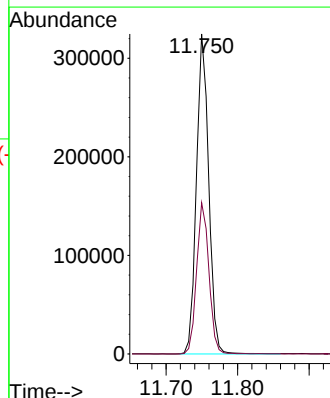
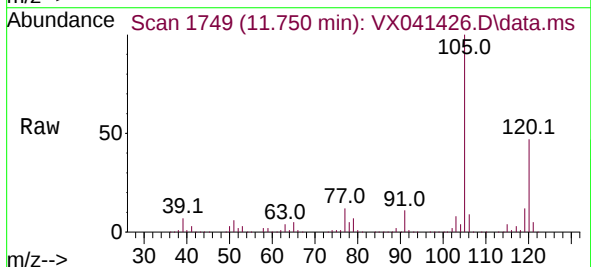
Acq: 09 May 2024 10:36

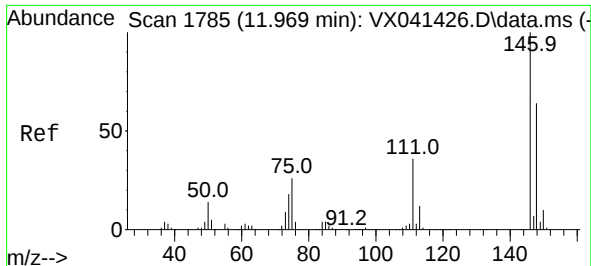
Tgt Ion:105 Resp: 386126

Ion Ratio Lower Upper

105 100

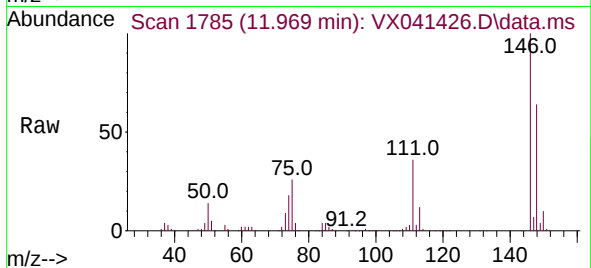
120 47.4 37.9 56.9



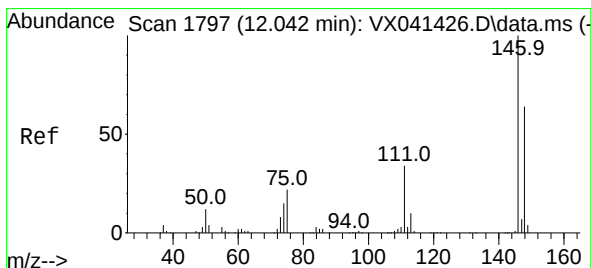
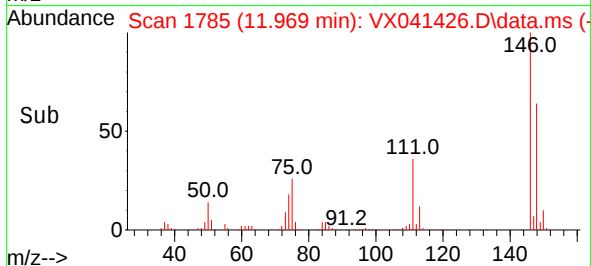
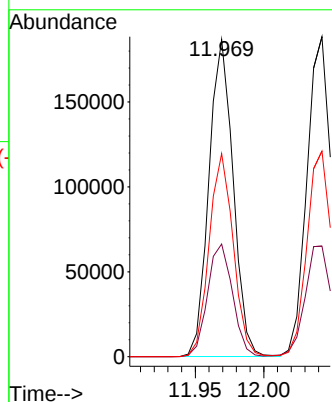


#64
1,3-Dichlorobenzene
Concen: 49.878 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Instrument :
MSVOA_X
ClientSampleId :

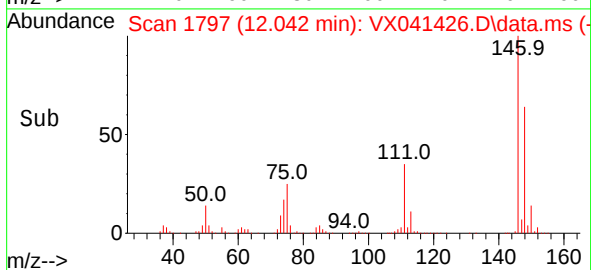
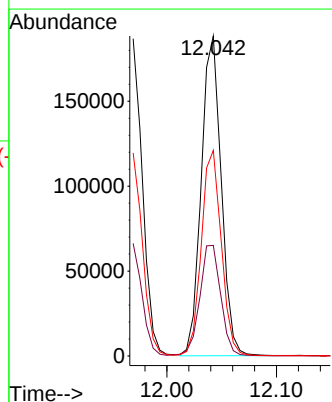
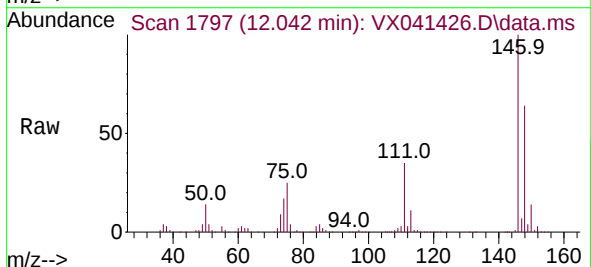


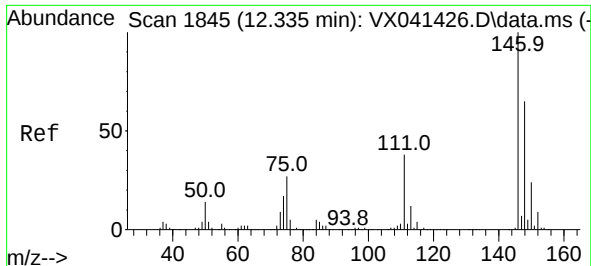
Tgt Ion:146 Resp: 229577
Ion Ratio Lower Upper
146 100
111 35.5 24.8 46.1
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.891 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion:146 Resp: 238436
Ion Ratio Lower Upper
146 100
111 34.5 24.1 44.8
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.363 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :

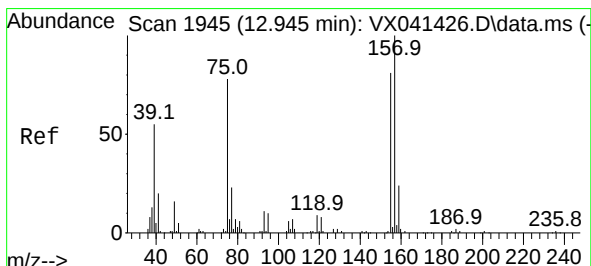
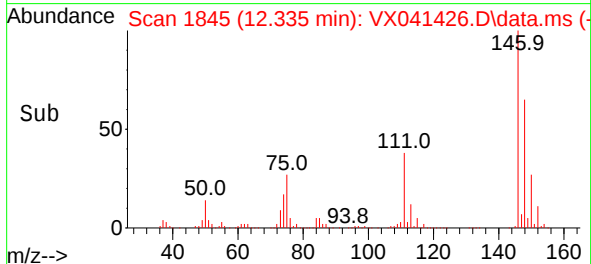
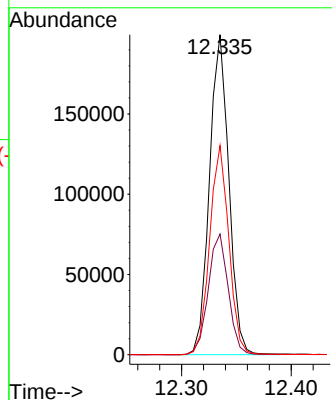
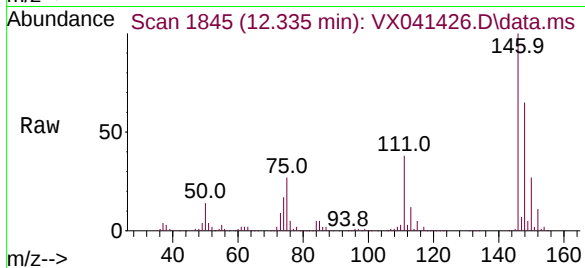
Tgt Ion:146 Resp: 244809

Ion Ratio Lower Upper

146 100

111 37.7 30.2 45.2

148 65.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 50.592 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

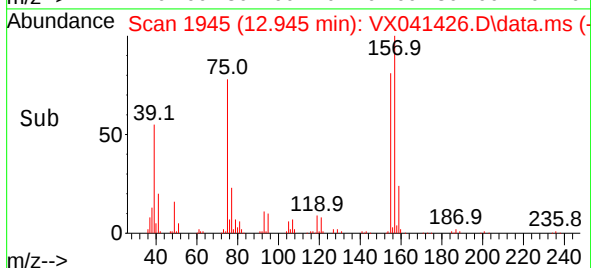
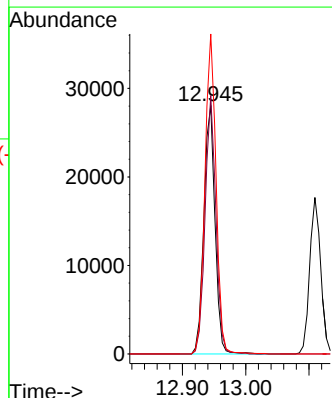
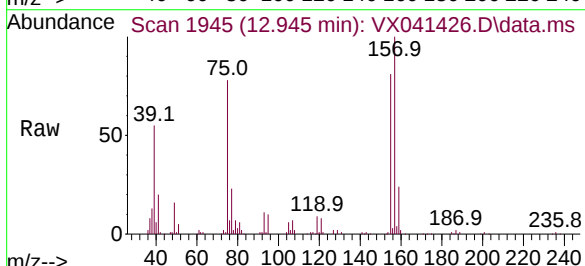
Tgt Ion: 75 Resp: 34504

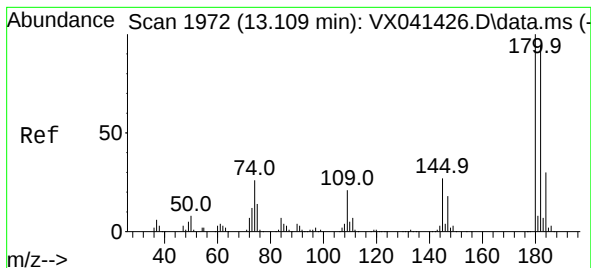
Ion Ratio Lower Upper

75 100

155 104.0 83.2 124.8

157 128.8 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 44.888 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

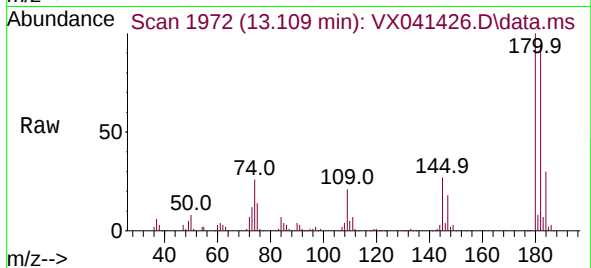
Lab File: VX041426.D

Acq: 09 May 2024 10:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 154206

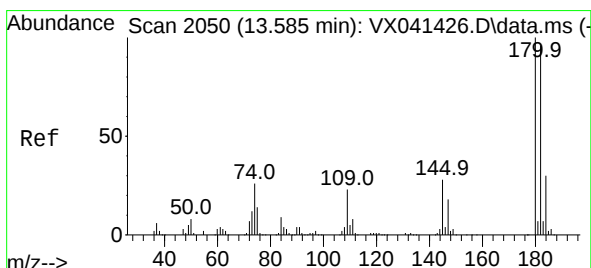
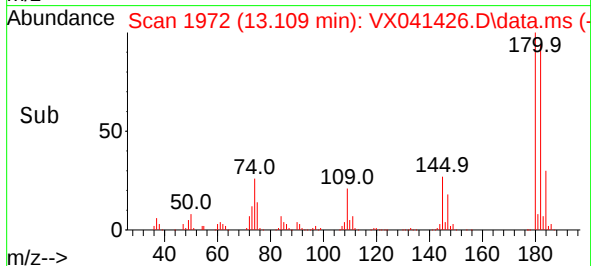
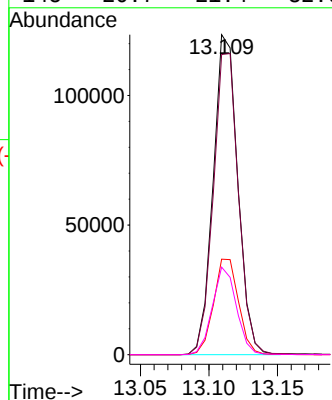
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 30.4 24.3 36.5

145 26.7 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 47.247 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041426.D

Acq: 09 May 2024 10:36

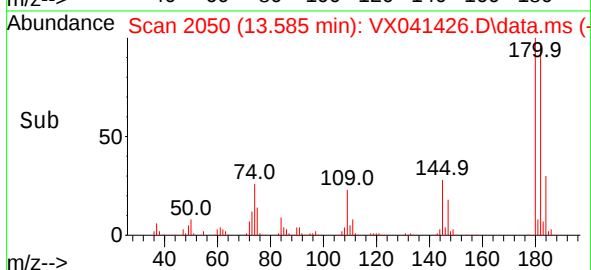
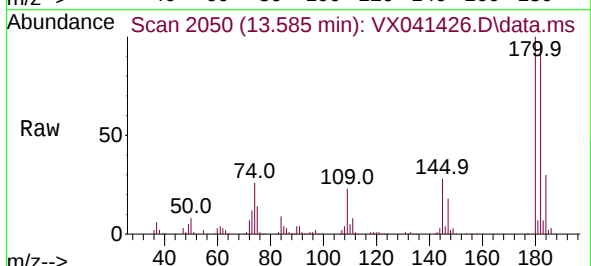
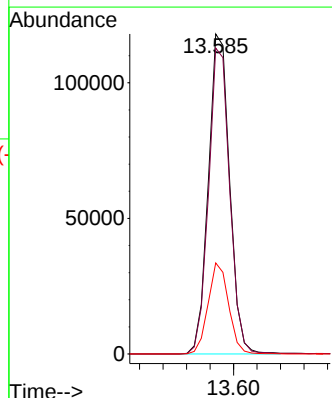
Tgt Ion:180 Resp: 148216

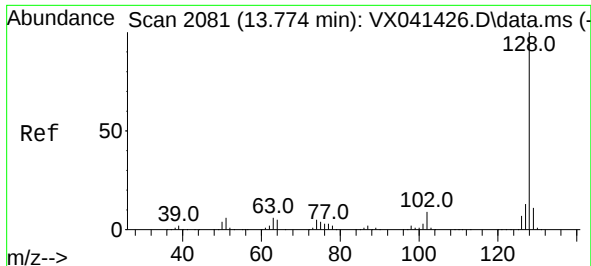
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

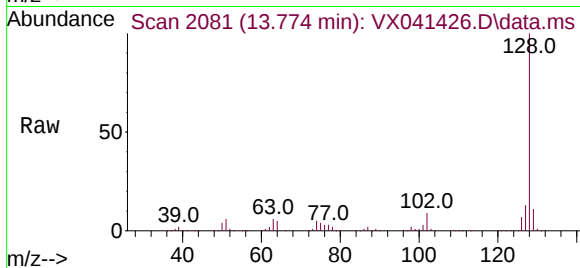
145 27.5 22.0 33.0



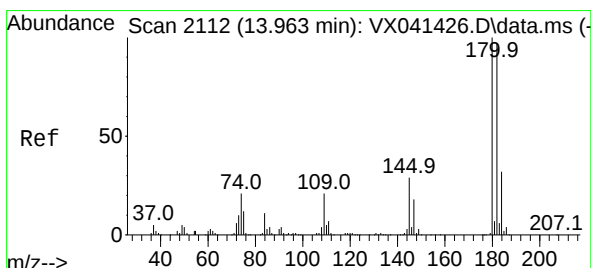
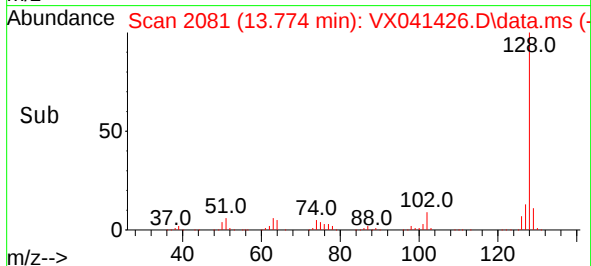
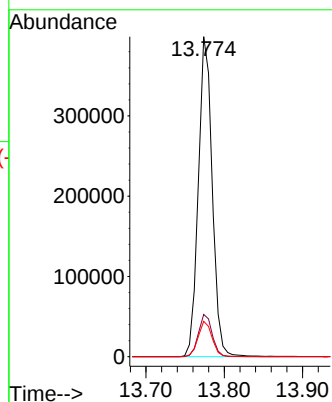


#71
Naphthalene
Concen: 52.677 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 493240
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.152 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041426.D
Acq: 09 May 2024 10:36

Tgt Ion:180 Resp: 173860
Ion Ratio Lower Upper
180 100
182 96.9 77.5 116.3
145 29.8 23.8 35.8

