

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041428.D
 Acq On : 09 May 2024 11:22
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 22:41:27 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	6.763	114	286905	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	155020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	325328	199.932	ug/L	0.00
7) Chloroethane-d5	1.648	69	235338	197.128	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	158216	193.190	ug/L	0.00
21) 2-Butanone-d5	4.471	46	402185	331.530	ug/L	0.00
24) Chloroform-d	5.056	84	698572	194.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	464810	179.569	ug/L	0.00
32) Benzene-d6	5.970	84	1401908	221.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	447236	237.756	ug/L	0.00
41) Toluene-d8	8.647	98	1415921	216.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	243810	258.712	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	436441	497.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	687617	232.281	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	664326	209.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	372015	188.329	ug/L	99
3) Chloromethane	1.300	50	315236	187.116	ug/L	98
5) Vinyl chloride	1.374	62	335414	193.294	ug/L	98
6) Bromomethane	1.599	94	251967	208.326	ug/L	99
8) Chloroethane	1.666	64	182957	184.139	ug/L	99
9) Trichlorofluoromethane	1.861	101	556690	182.251	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	339846	181.096	ug/L	99
12) 1,1-Dichloroethene	2.306	96	308155	184.450	ug/L	99
13) Acetone	2.392	43	385566	309.567	ug/L	100
14) Carbon disulfide	2.501	76	813999	202.590	ug/L	100
15) Methyl Acetate	2.709	43	372593	177.253	ug/L	99
16) Methylene chloride	2.788	84	324070	175.169	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	312214	182.257	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	1060959	181.527	ug/L	99
19) 1,1-Dichloroethane	3.605	63	575336	181.376	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	368860	186.531	ug/L	98
22) 2-Butanone	4.568	43	566396	364.196	ug/L	99
23) Bromochloromethane	4.903	128	200433	190.461	ug/L	98
25) Chloroform	5.092	83	639143	186.598	ug/L	98
27) 1,2-Dichloroethane	6.086	62	592463	207.578	ug/L	99
29) Cyclohexane	5.464	56	538385	208.941	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	587171	215.269	ug/L	100
31) Carbon tetrachloride	5.672	117	545803	225.404	ug/L	99
33) Benzene	6.037	78	1450110	223.641	ug/L	100
34) Trichloroethene	7.122	95	416437	234.468	ug/L	98
35) Methylcyclohexane	7.379	83	638250	231.911	ug/L	100
37) 1,2-Dichloropropane	7.427	63	378686	231.925	ug/L	100
38) Bromodichloromethane	7.817	83	540428	244.869	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	668677	247.293	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1169294	444.983	ug/L	99
42) Toluene	8.720	91	1482231	209.483	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	629944	249.826	ug/L	100

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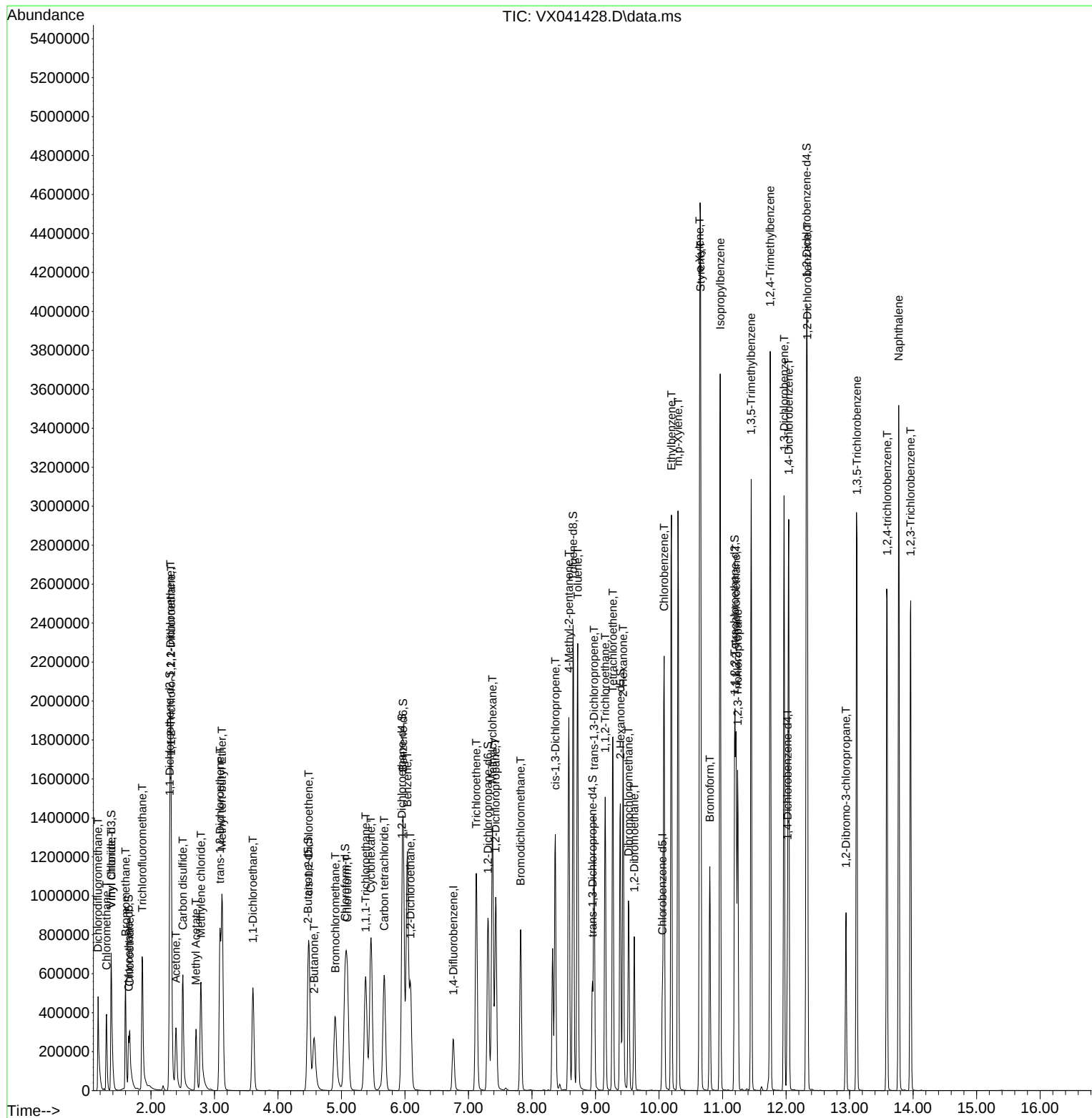
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	409324	226.707	ug/L	100
46) Tetrachloroethene	9.275	164	385963	227.071	ug/L	96
48) 2-Hexanone	9.433	43	946109	449.416	ug/L	99
49) Dibromochloromethane	9.518	129	436819	239.333	ug/L	99
50) 1,2-Dibromoethane	9.610	107	411427	219.014	ug/L	99
51) Chlorobenzene	10.079	112	974685	206.563	ug/L	98
52) Ethylbenzene	10.195	91	1670259	215.141	ug/L	97
53) m,p-Xylene	10.299	106	692485	222.989	ug/L	98
54) o-Xylene	10.640	106	732589	231.498	ug/L	96
55) Styrene	10.652	104	1257826	238.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	662417	221.114	ug/L	100
59) Bromoform	10.799	173	422110	232.682	ug/L	99
60) Isopropylbenzene	10.963	105	1894305	200.280	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	504898	190.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1309934	204.990	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1601497	206.848	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	992217	206.202	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	962783	196.563	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	979727	196.621	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	157755	221.258	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	797416	222.033	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	699197	213.197	ug/L	99
71) Naphthalene	13.774	128	2094708	213.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	668329	195.440	ug/L	100

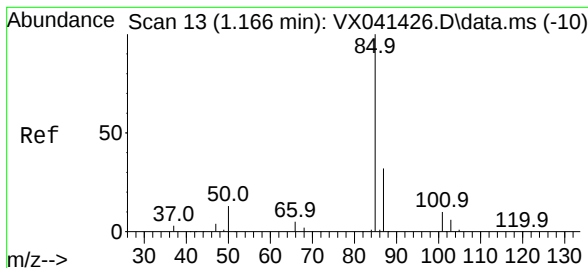
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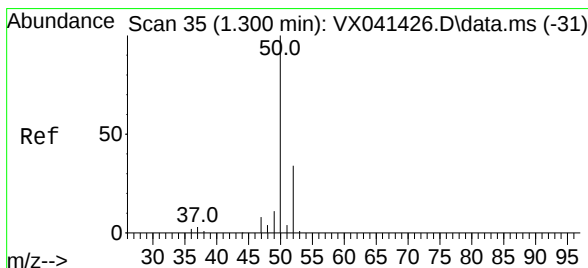
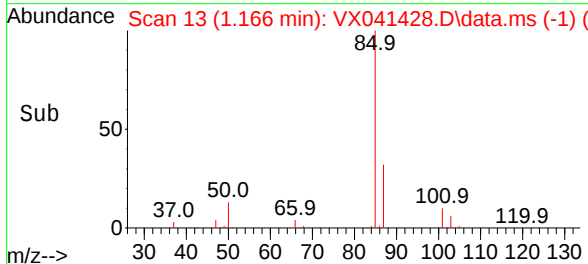
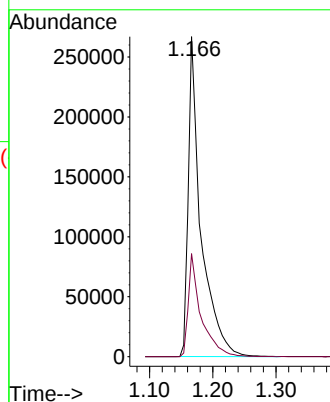
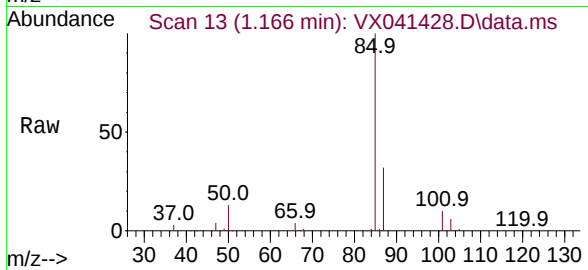




#2
Dichlorodifluoromethane
Concen: 188.329 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

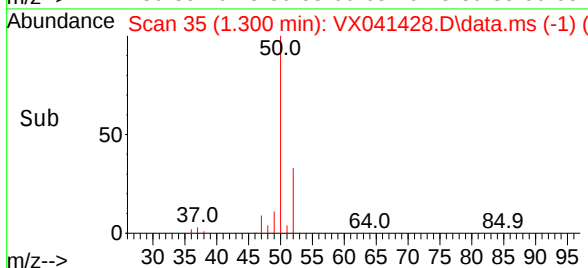
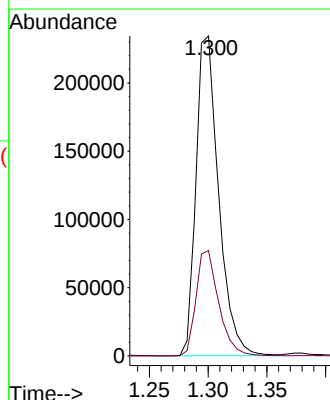
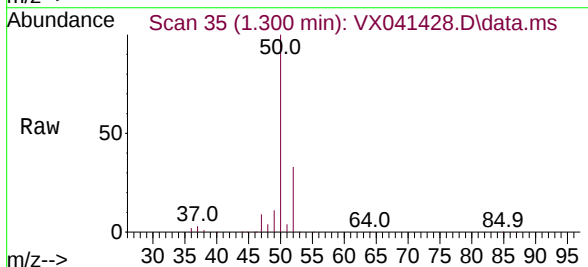
Instrument :
MSVOA_X
ClientSampleId :

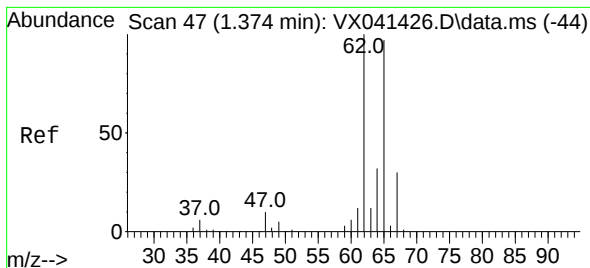
Tgt Ion: 85 Resp: 372015
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 187.116 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 50 Resp: 315236
Ion Ratio Lower Upper
50 100
52 32.9 23.7 44.1





#5

Vinyl chloride

Concen: 193.294 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

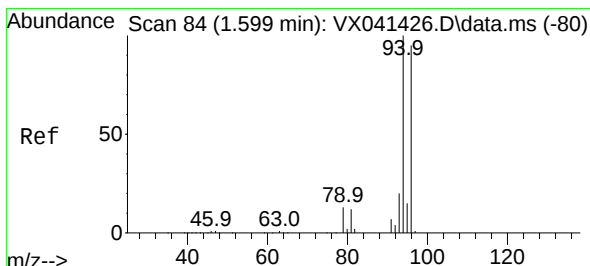
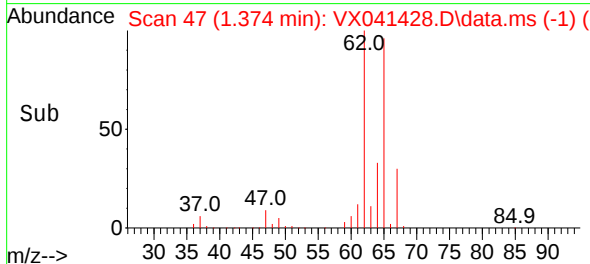
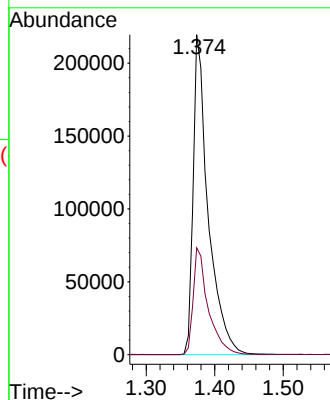
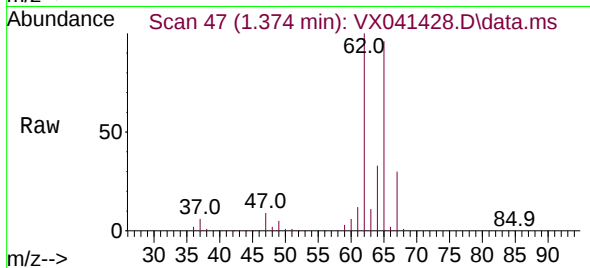
ClientSampleId :

Tgt Ion: 62 Resp: 335414

Ion Ratio Lower Upper

62 100

64 33.4 22.7 42.1



#6

Bromomethane

Concen: 208.326 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041428.D

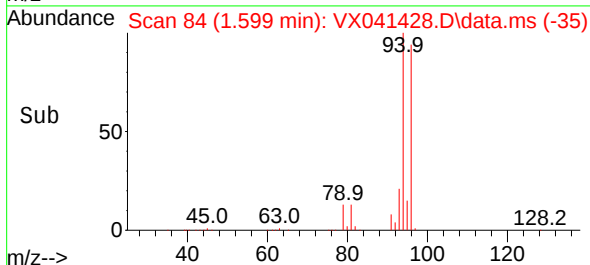
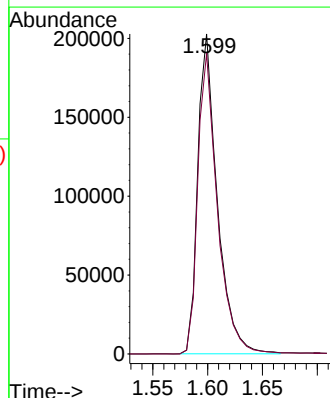
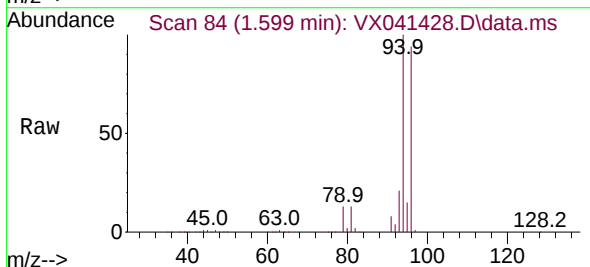
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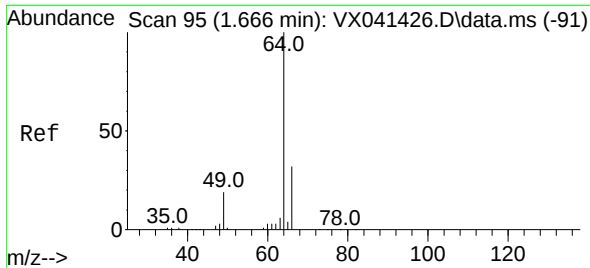
Tgt Ion: 94 Resp: 251967

Ion Ratio Lower Upper

94 100

96 93.9 66.6 123.8

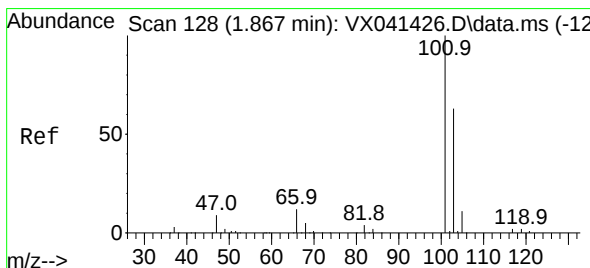
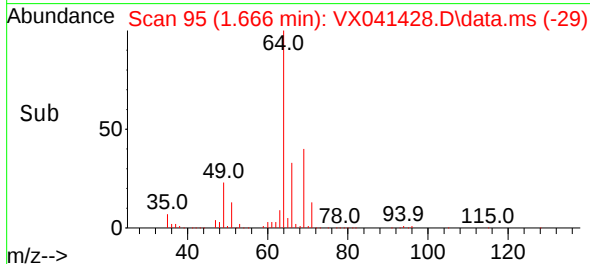
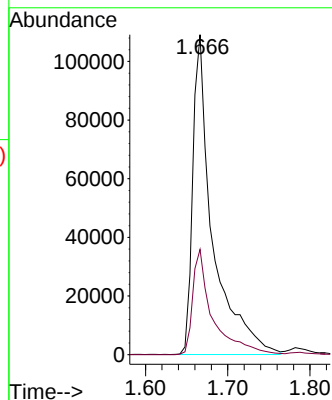
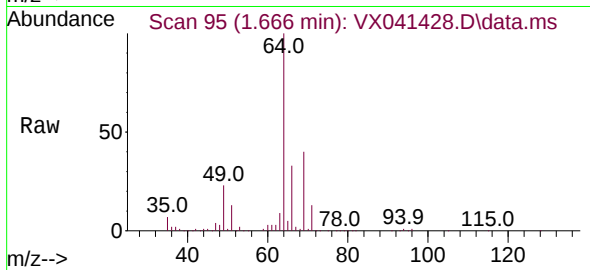




#8
Chloroethane
Concen: 184.139 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

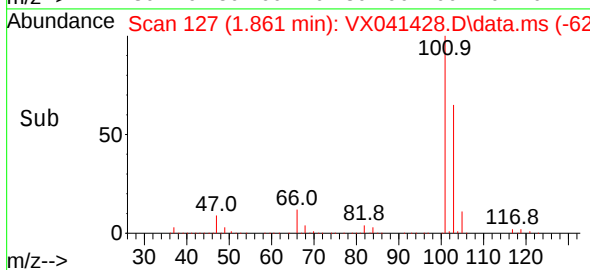
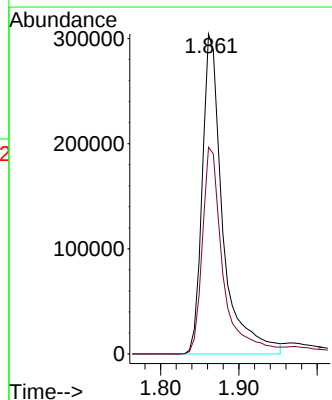
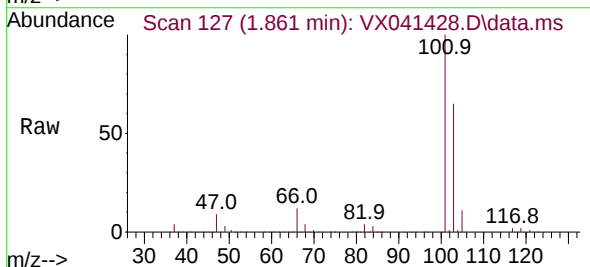
Instrument :
MSVOA_X
ClientSampleId :

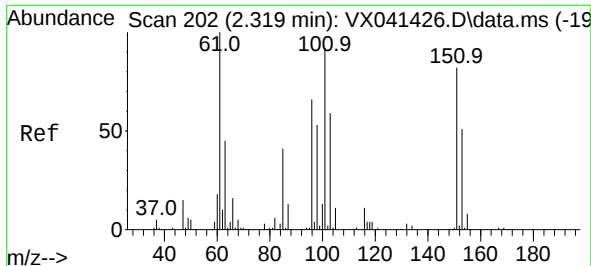
Tgt Ion: 64 Resp: 182957
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 182.251 ug/L
RT: 1.861 min Scan# 127
Delta R.T. -0.006 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion:101 Resp: 556690
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

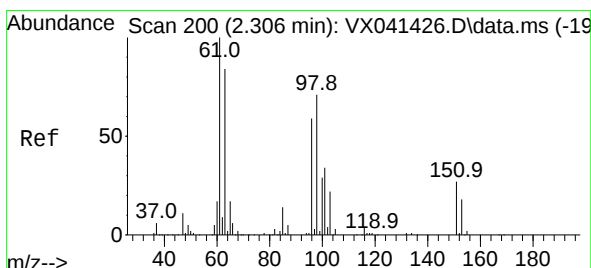
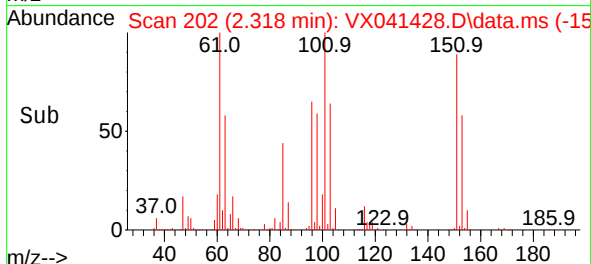
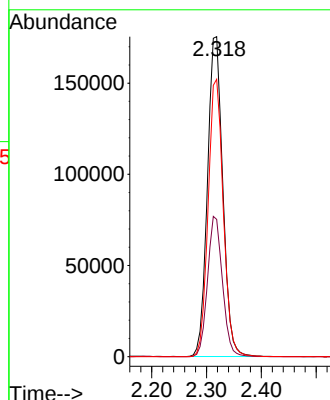
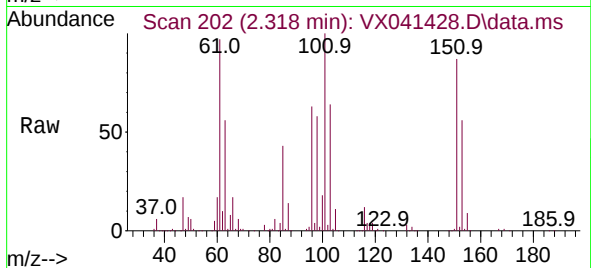




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 181.096 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX041428.D
 Acq: 09 May 2024 11:22

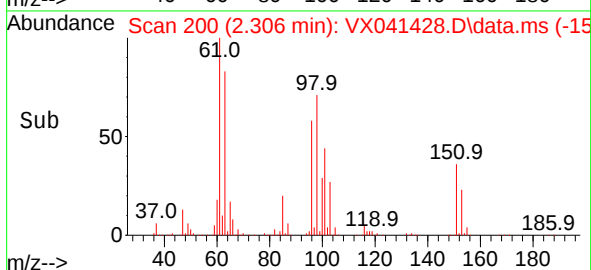
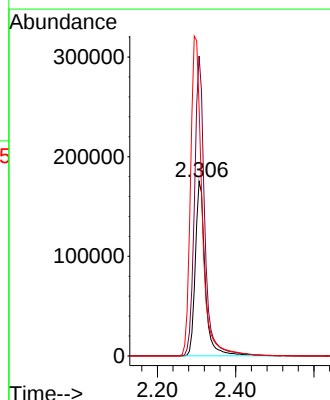
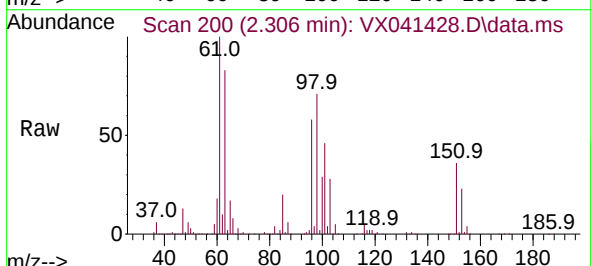
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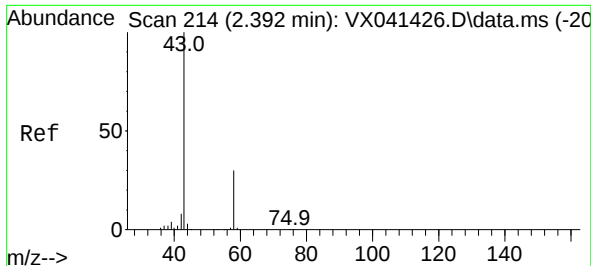
Tgt Ion:101 Resp: 339846
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.2
 151 85.7 68.7 103.1



#12
 1,1-Dichloroethene
 Concen: 184.450 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX041428.D
 Acq: 09 May 2024 11:22

Tgt Ion: 96 Resp: 308155
 Ion Ratio Lower Upper
 96 100
 61 171.8 119.3 221.7
 63 142.9 100.0 185.8





#13

Acetone

Concen: 309.567 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

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Instrument :

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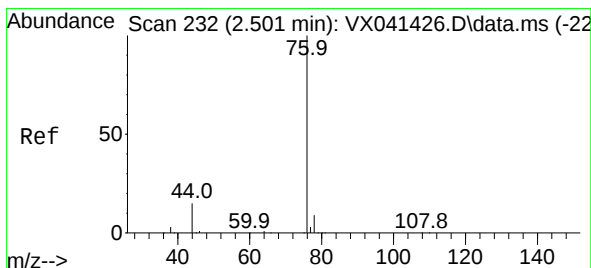
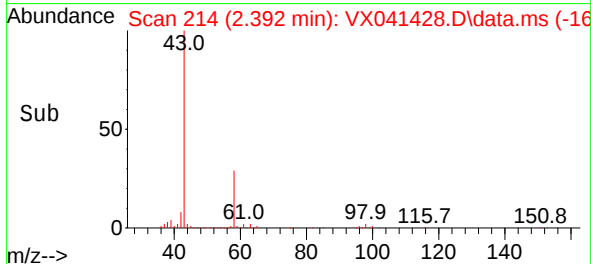
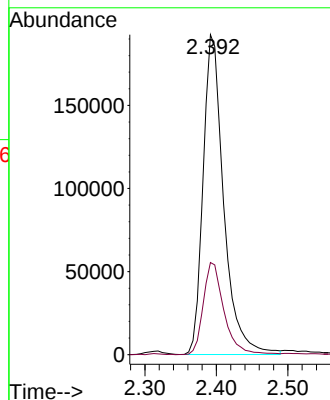
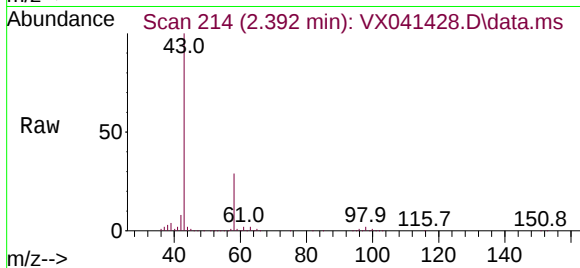
ClientSampleId :

Tgt Ion: 43 Resp: 385566

Ion Ratio Lower Upper

43 100

58 29.0 0.0 58.0



#14

Carbon disulfide

Concen: 202.590 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX041428.D

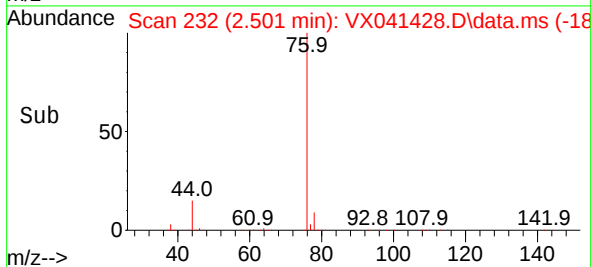
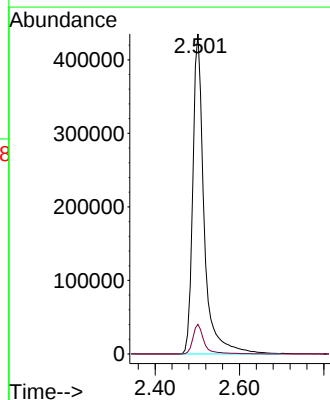
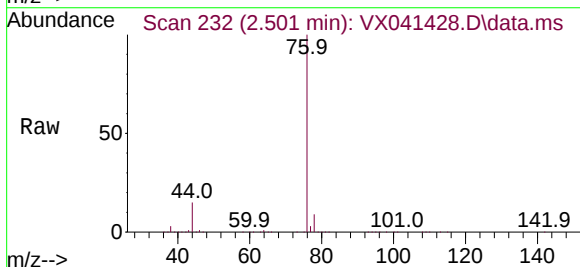
Acq: 09 May 2024 11:22

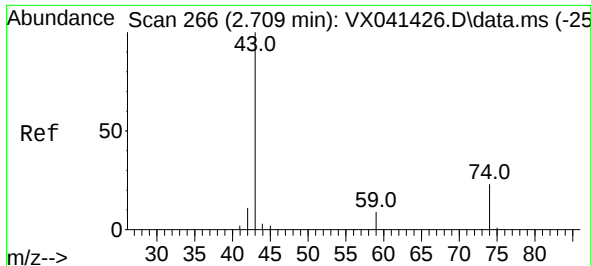
Tgt Ion: 76 Resp: 813999

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 177.253 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

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Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

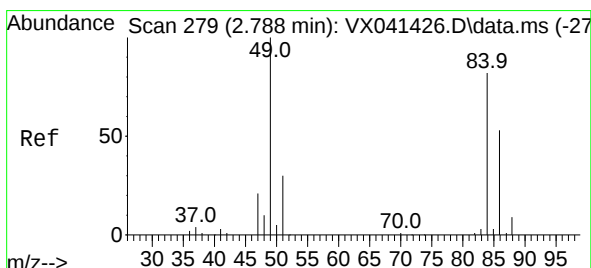
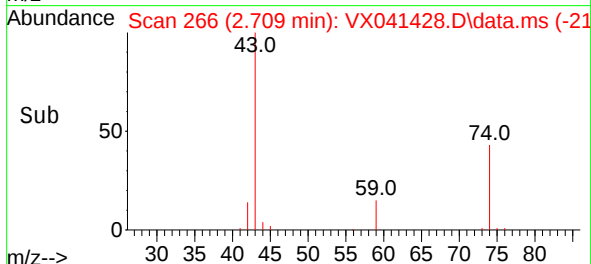
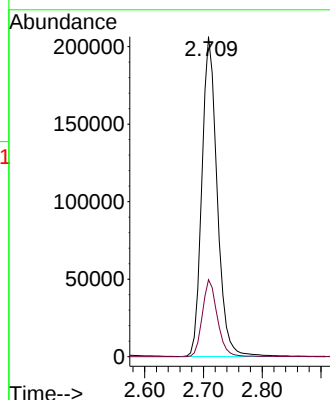
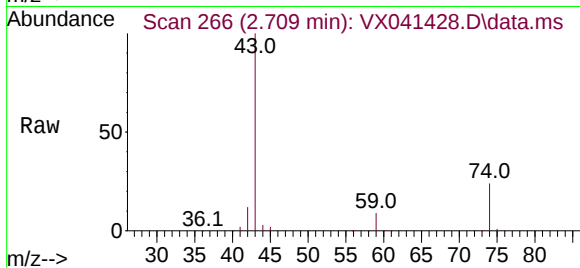
ClientSampleId :

Tgt Ion: 43 Resp: 372593

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7



#16

Methylene chloride

Concen: 175.169 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

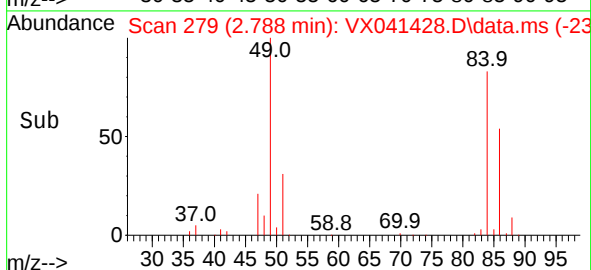
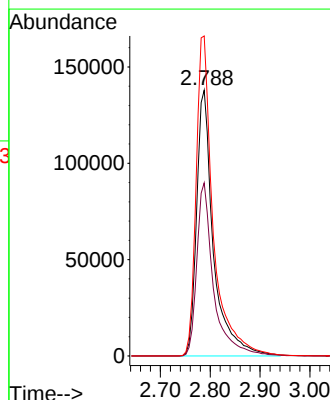
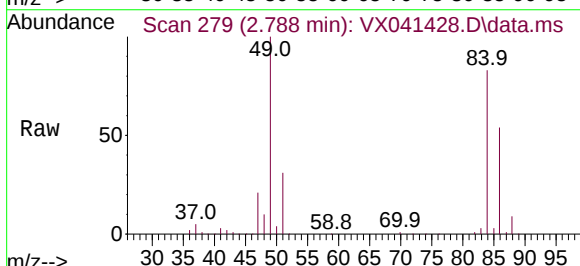
Tgt Ion: 84 Resp: 324070

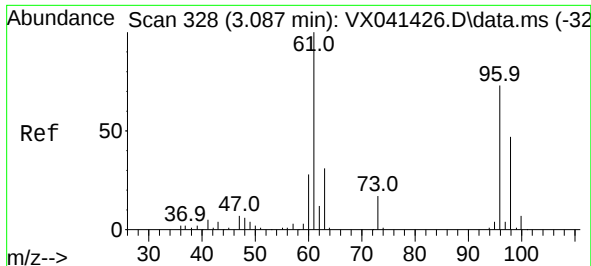
Ion Ratio Lower Upper

84 100

86 65.2 44.9 83.5

49 120.4 85.5 158.7





#17

trans-1,2-Dichloroethene

Concen: 182.257 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

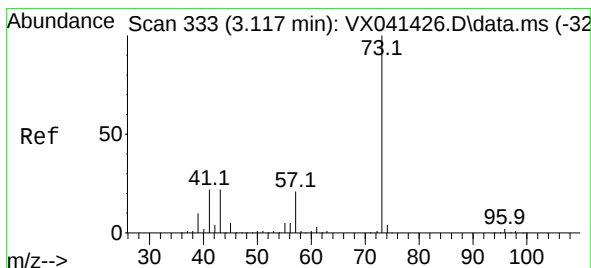
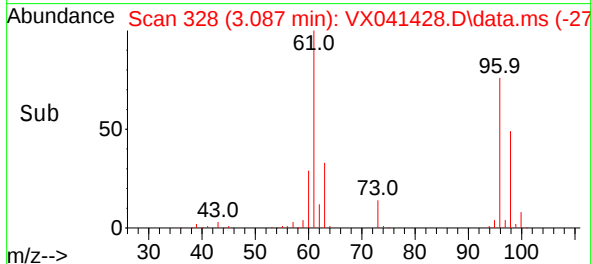
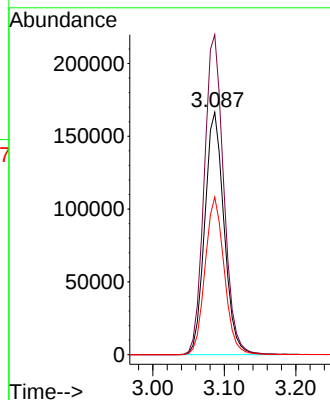
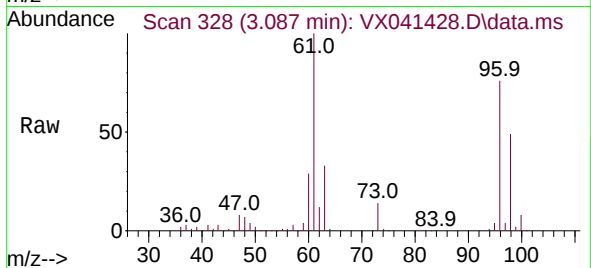
Tgt Ion: 96 Resp: 312214

Ion Ratio Lower Upper

96 100

61 132.0 95.8 177.8

98 65.0 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 181.527 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

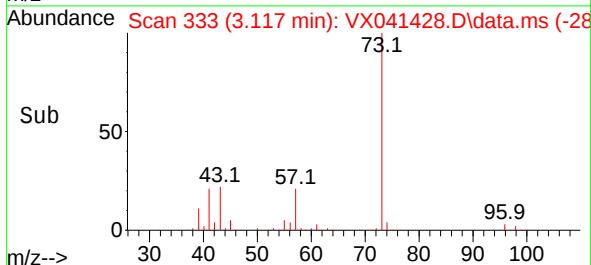
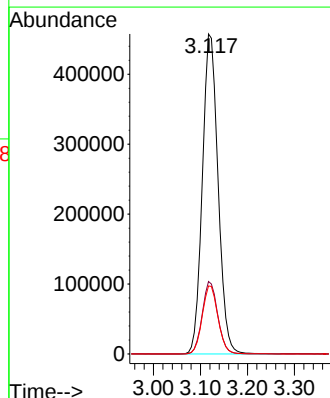
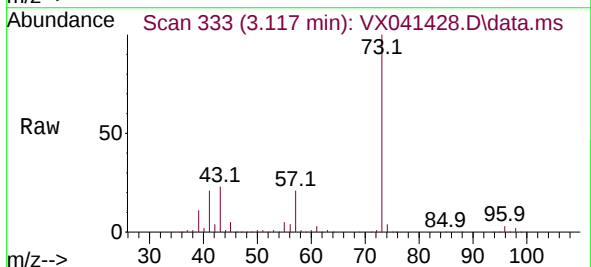
Tgt Ion: 73 Resp: 1060959

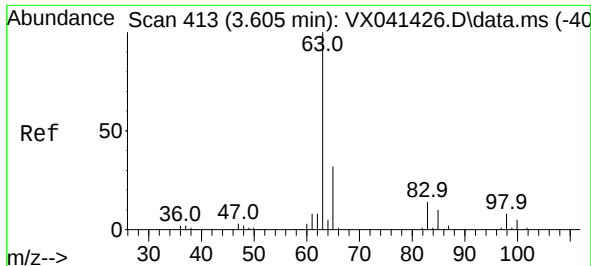
Ion Ratio Lower Upper

73 100

43 22.4 17.4 26.0

57 21.3 16.7 25.1





#19

1,1-Dichloroethane

Concen: 181.376 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

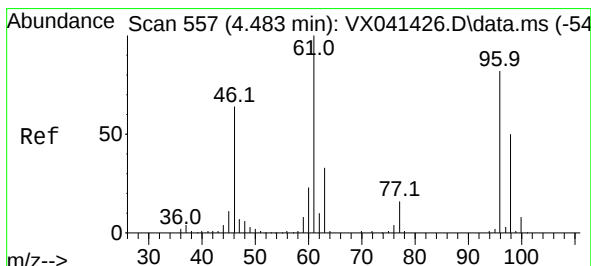
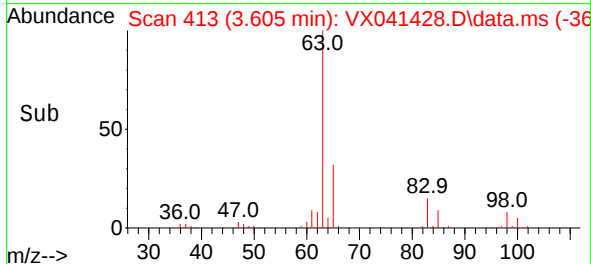
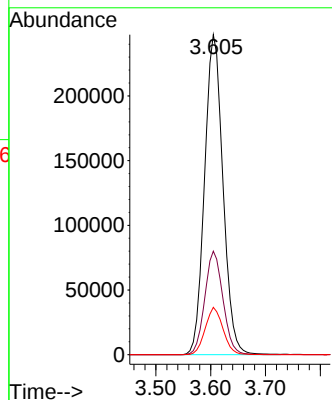
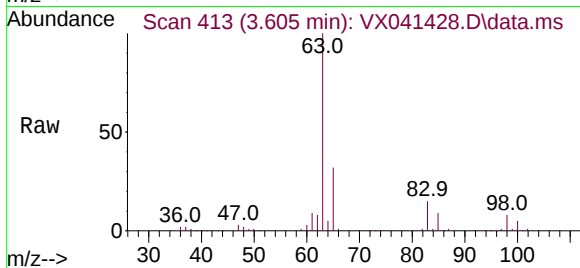
Tgt Ion: 63 Resp: 575336

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 14.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 186.531 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

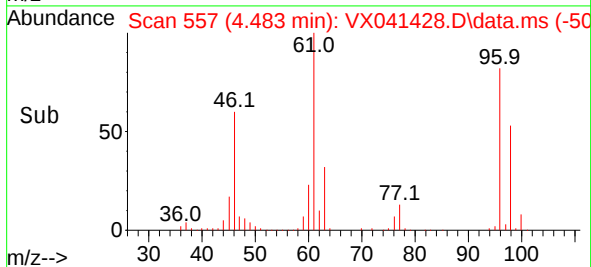
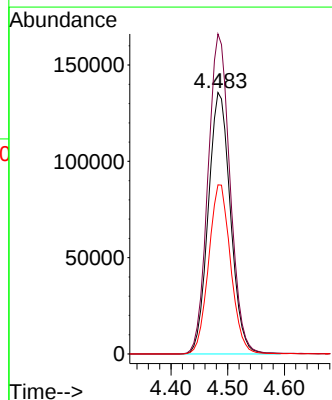
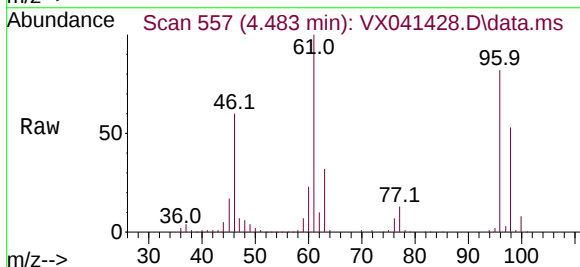
Tgt Ion: 96 Resp: 368860

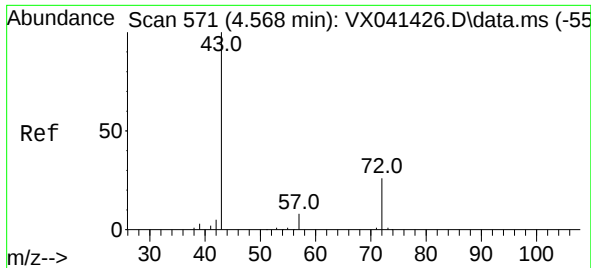
Ion Ratio Lower Upper

96 100

61 122.4 85.5 158.9

98 64.7 43.0 80.0

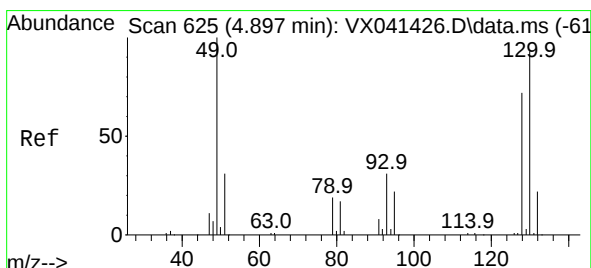
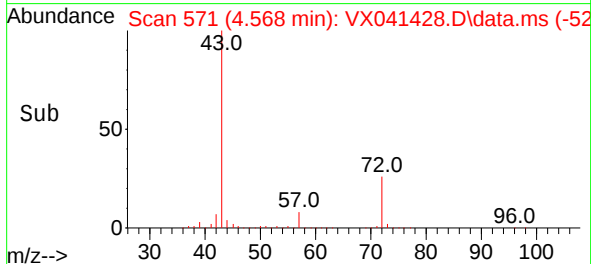
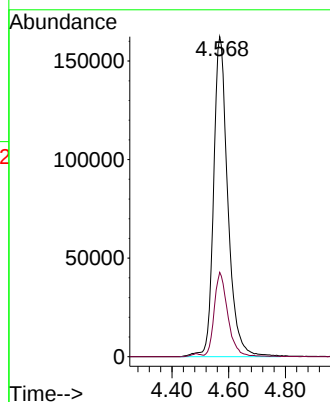
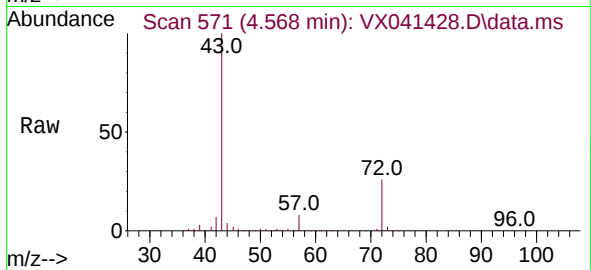




#22
2-Butanone
Concen: 364.196 ug/L
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

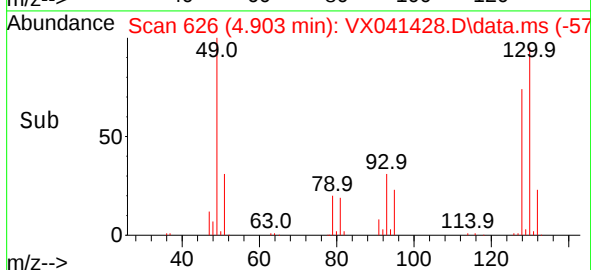
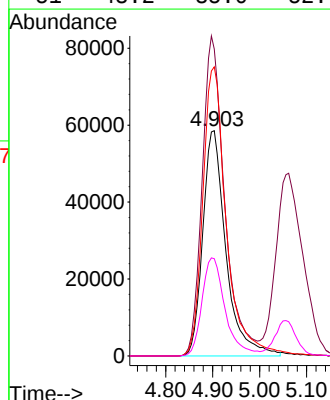
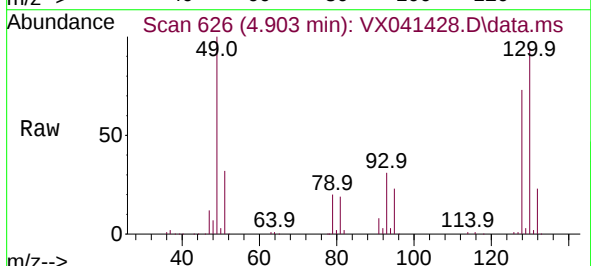
Instrument :
MSVOA_X
ClientSampleId :

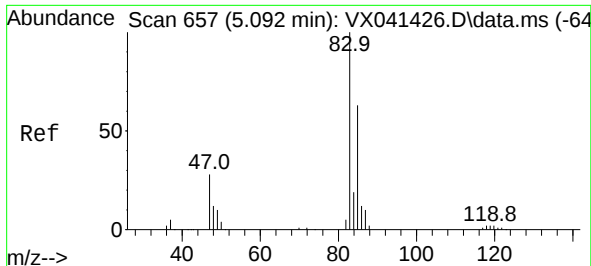
Tgt Ion: 43 Resp: 566396
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 190.461 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 128 Resp: 200433
Ion Ratio Lower Upper
128 100
49 136.2 97.7 181.5
130 128.3 90.5 168.1
51 43.2 35.0 52.4





#25

Chloroform

Concen: 186.598 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

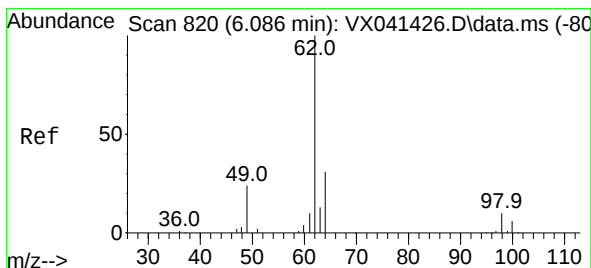
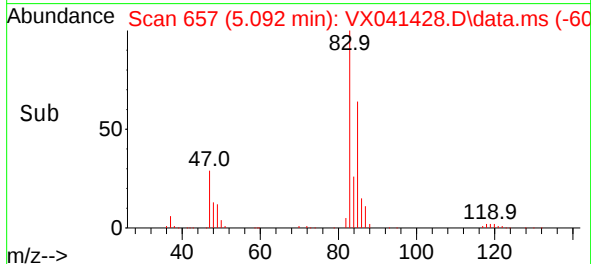
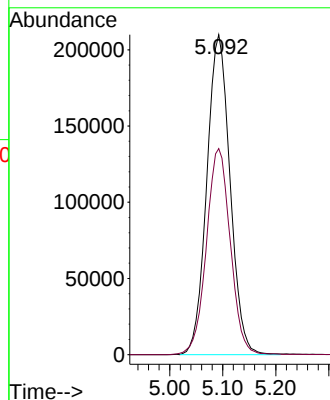
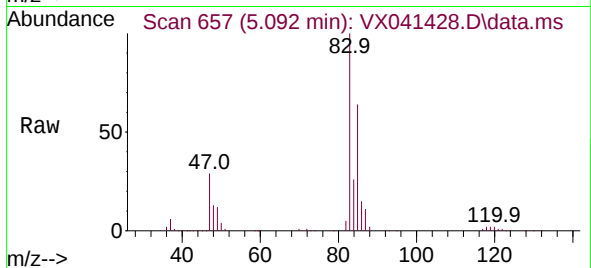
ClientSampleId :

Tgt Ion: 83 Resp: 639143

Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 207.578 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041428.D

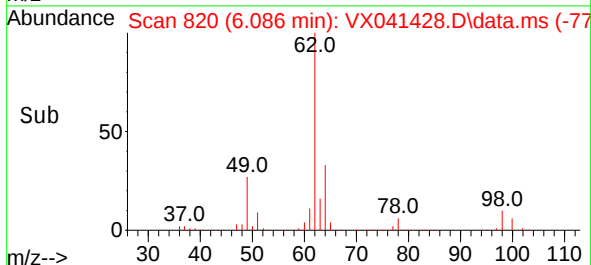
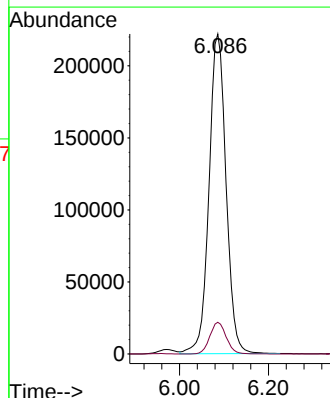
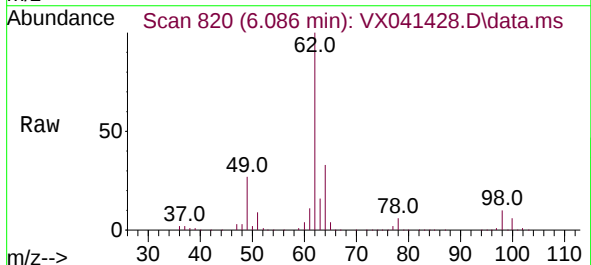
Acq: 09 May 2024 11:22

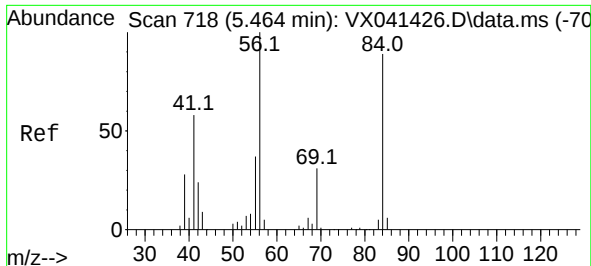
Tgt Ion: 62 Resp: 592463

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.2





#29

Cyclohexane

Concen: 208.941 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min MSVOA_X

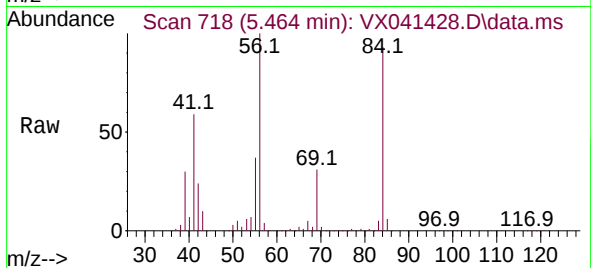
Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :



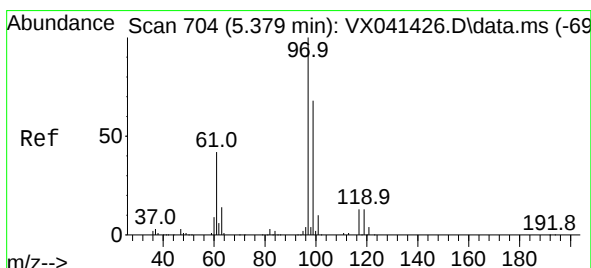
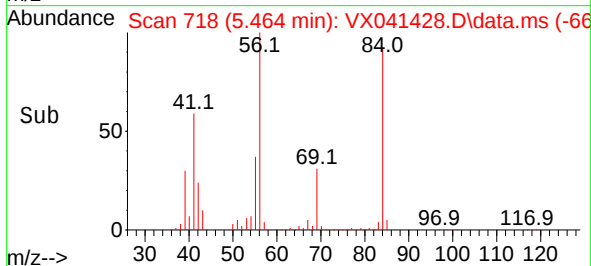
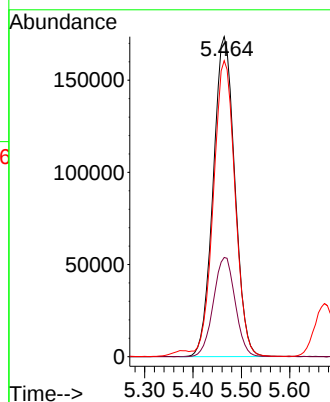
Tgt Ion: 56 Resp: 538385

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 92.6 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 215.269 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

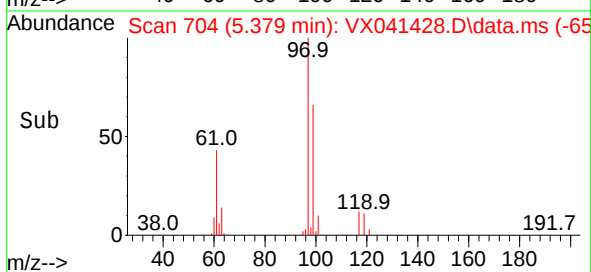
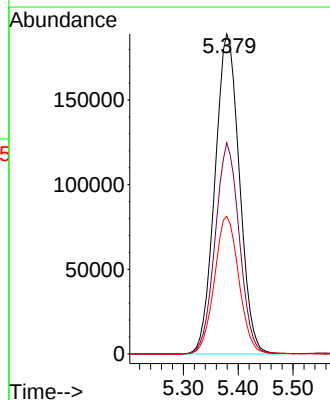
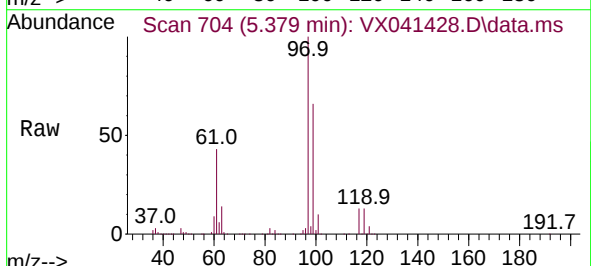
Tgt Ion: 97 Resp: 587171

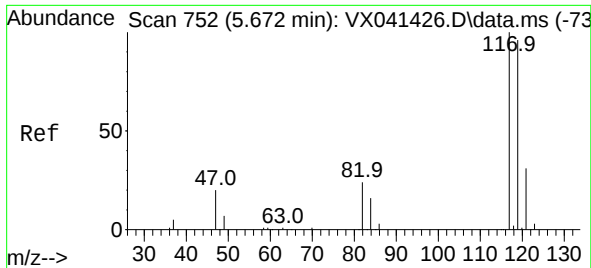
Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.2

61 42.8 34.6 51.8

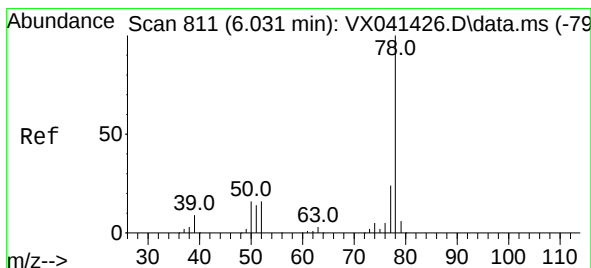
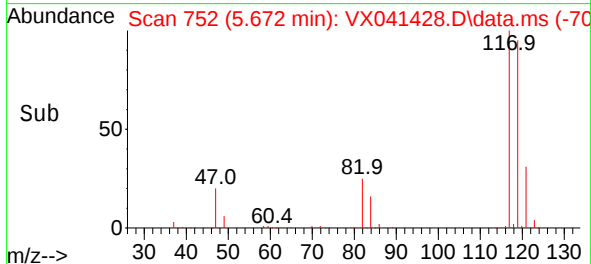
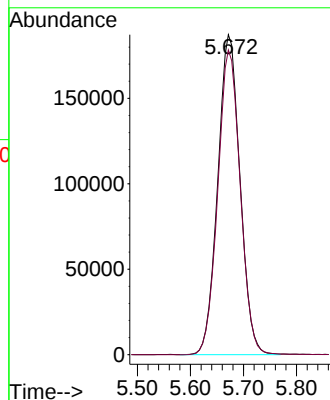
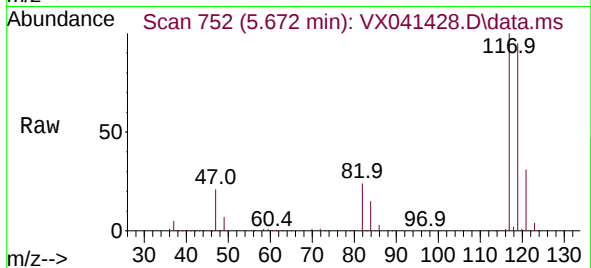




#31
Carbon tetrachloride
Concen: 225.404 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

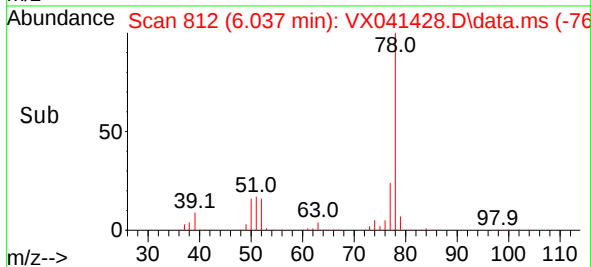
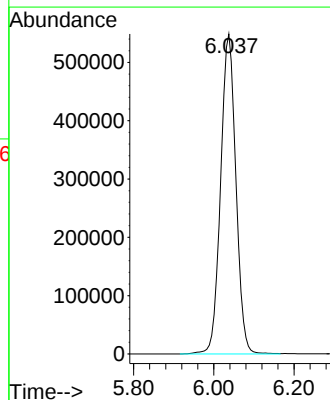
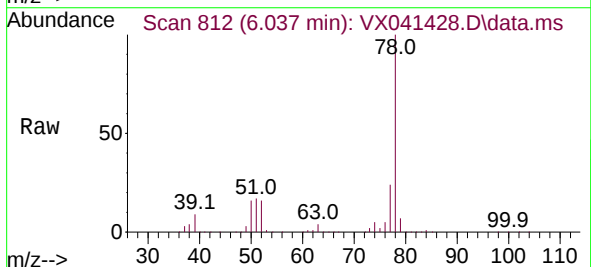
Instrument :
MSVOA_X
ClientSampleId :

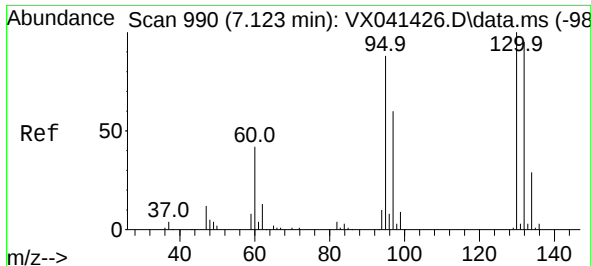
Tgt Ion:117 Resp: 545803
Ion Ratio Lower Upper
117 100
119 95.9 76.3 114.5



#33
Benzene
Concen: 223.641 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 78 Resp: 1450110





#34

Trichloroethene

Concen: 234.468 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

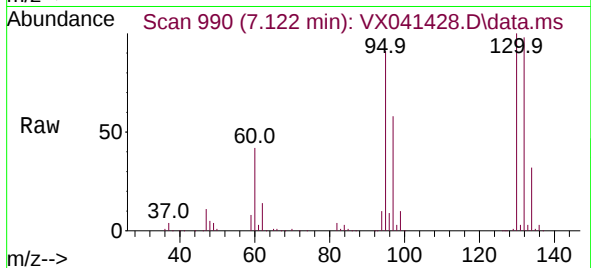
Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 416437

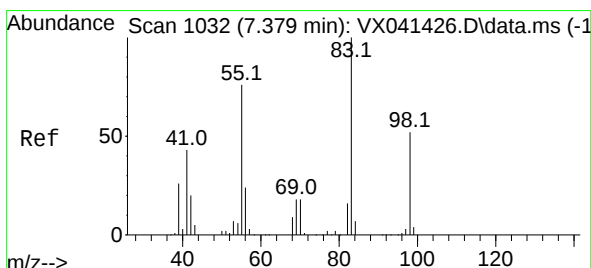
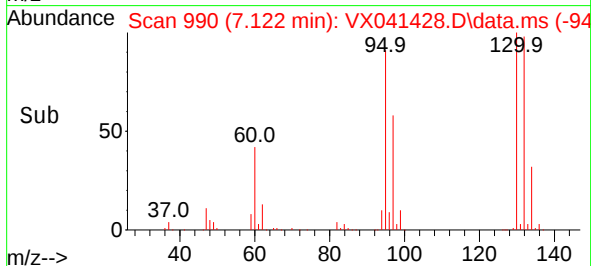
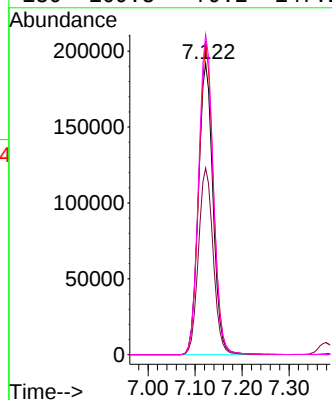
Ion Ratio Lower Upper

95 100

97 64.1 47.3 87.9

132 107.6 75.0 139.4

130 109.8 79.2 147.2



#35

Methylcyclohexane

Concen: 231.911 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

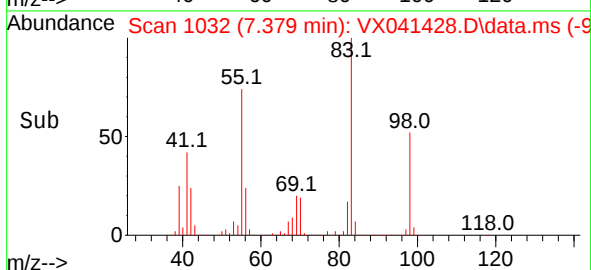
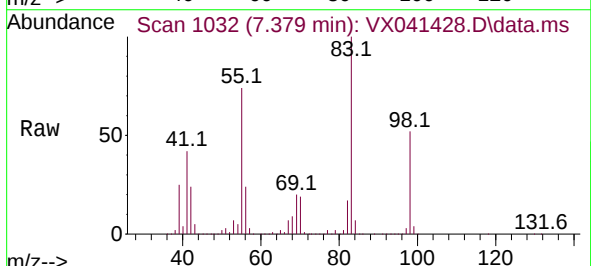
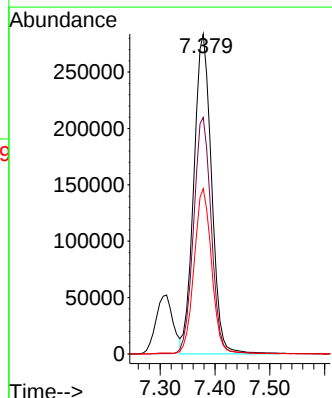
Tgt Ion: 83 Resp: 638250

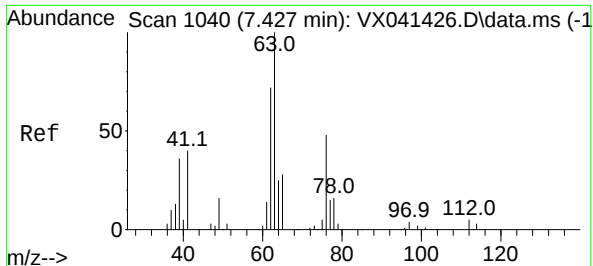
Ion Ratio Lower Upper

83 100

55 73.4 59.0 88.4

98 50.8 40.8 61.2

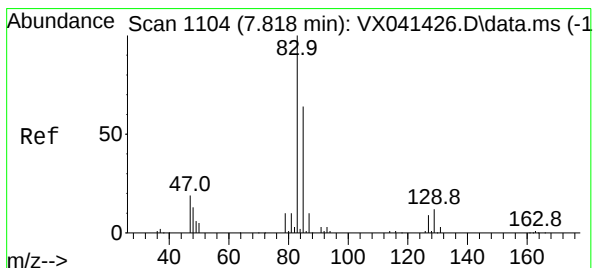
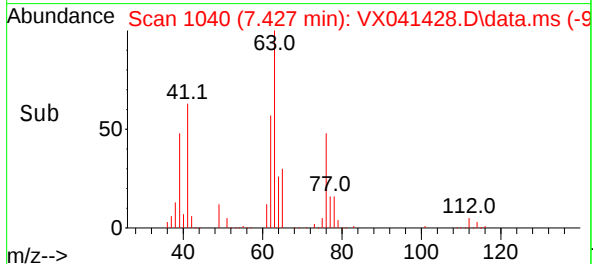
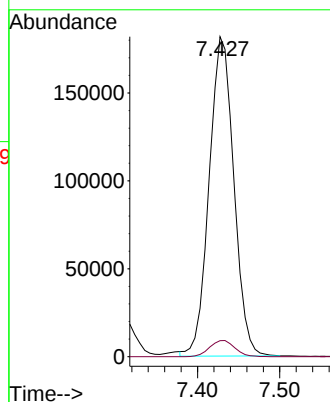
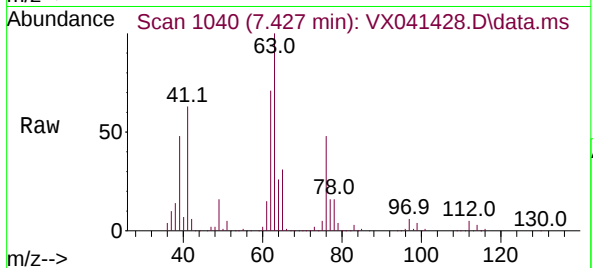




#37
1,2-Dichloropropane
Concen: 231.925 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

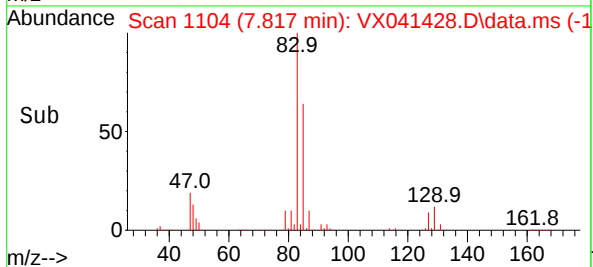
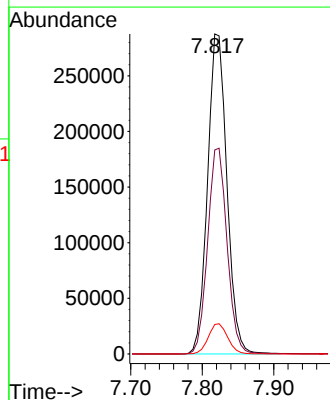
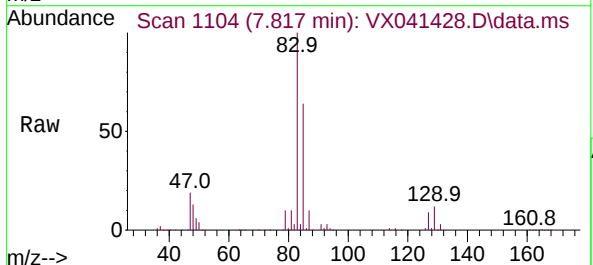
Instrument :
MSVOA_X
ClientSampleId :

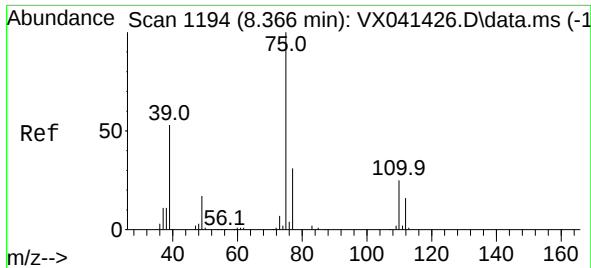
Tgt Ion: 63 Resp: 378686
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 244.869 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 83 Resp: 540428
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1
127 9.2 7.0 10.4

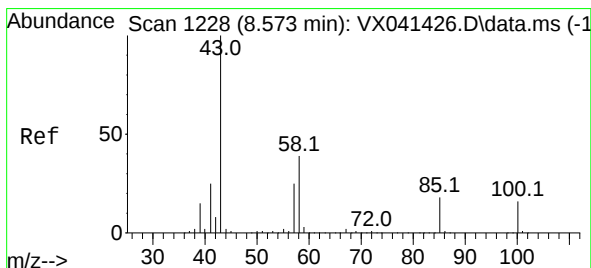
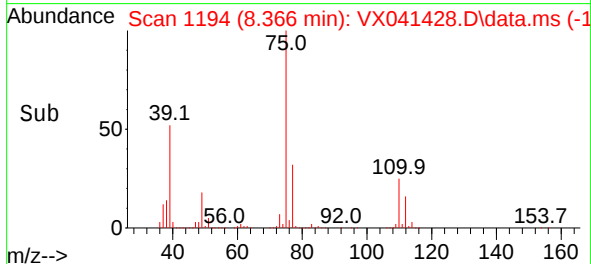
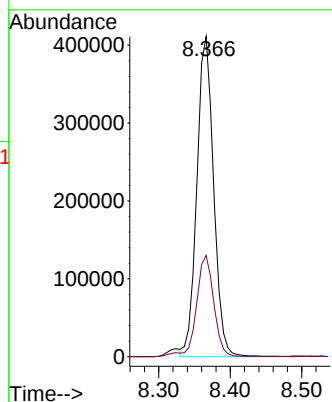
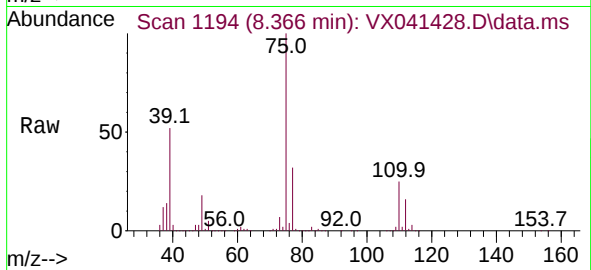




#39
 cis-1,3-Dichloropropene
 Concen: 247.293 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX041428.D
 Acq: 09 May 2024 11:22

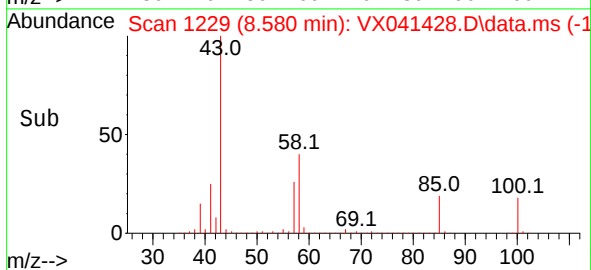
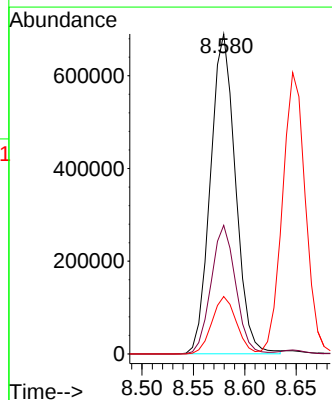
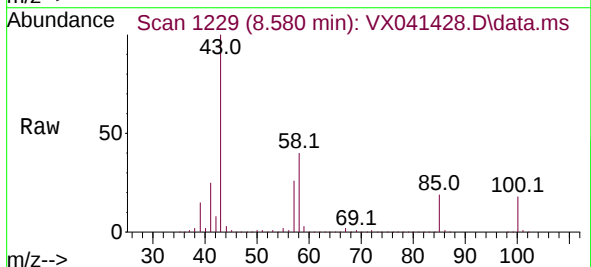
Instrument :
 MSVOA_X
 ClientSampleId :

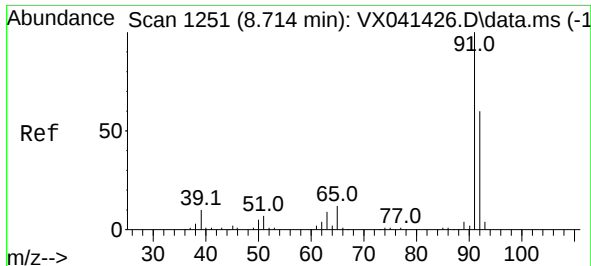
Tgt Ion: 75 Resp: 668677
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 444.983 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX041428.D
 Acq: 09 May 2024 11:22

Tgt Ion: 43 Resp: 1169294
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.9 46.3
 100 17.6 13.6 20.4





#42

Toluene

Concen: 209.483 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

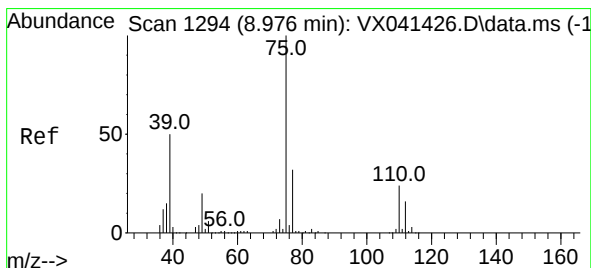
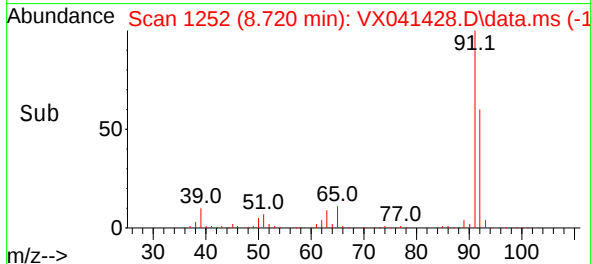
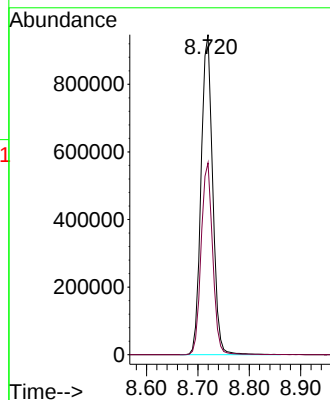
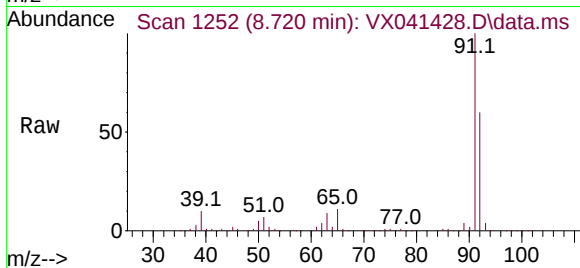
ClientSampleId :

Tgt Ion: 91 Resp: 1482231

Ion Ratio Lower Upper

91 100

92 59.9 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 249.826 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX041428.D

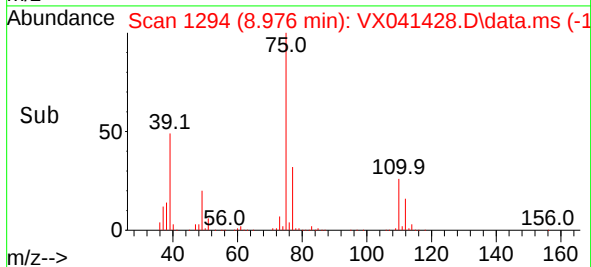
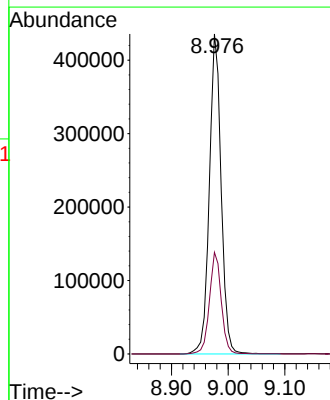
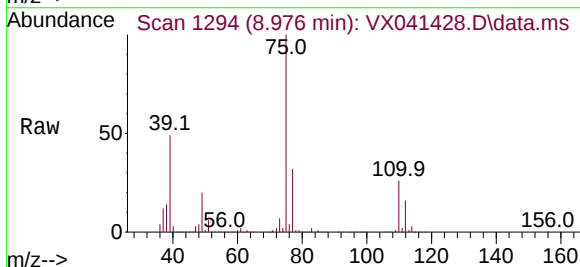
Acq: 09 May 2024 11:22

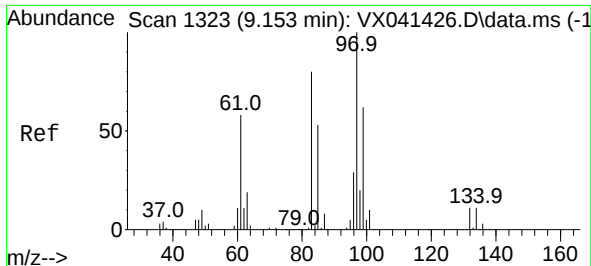
Tgt Ion: 75 Resp: 629944

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



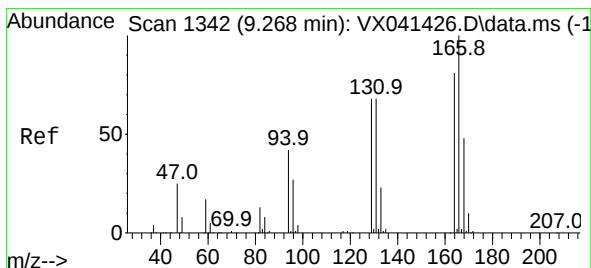
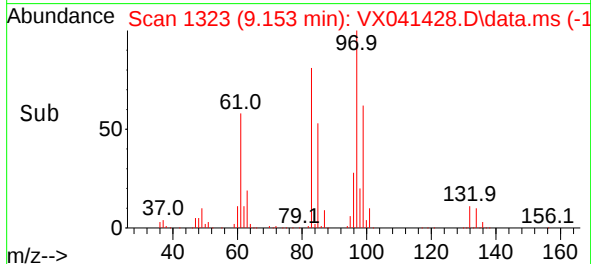
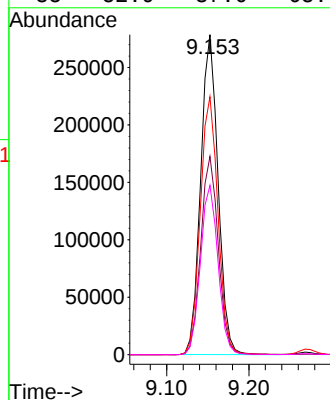
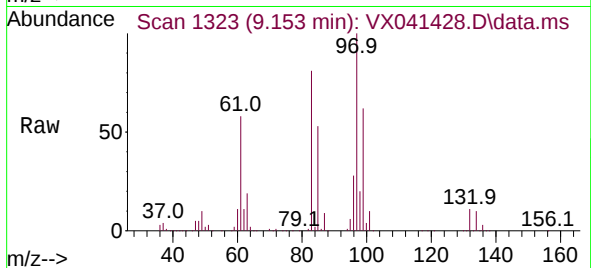


#45
1,1,2-Trichloroethane
Concen: 226.707 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 409324

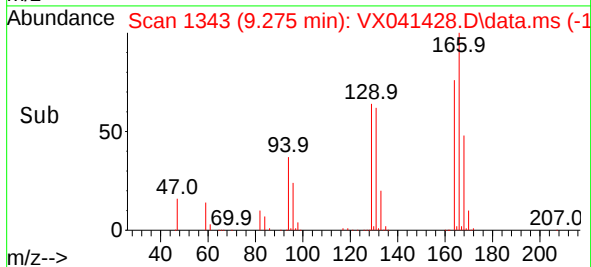
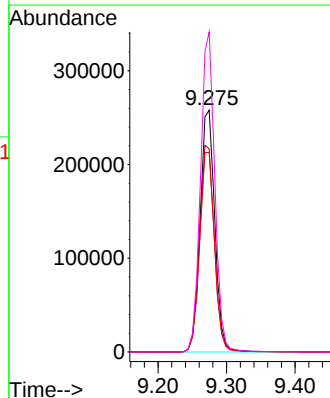
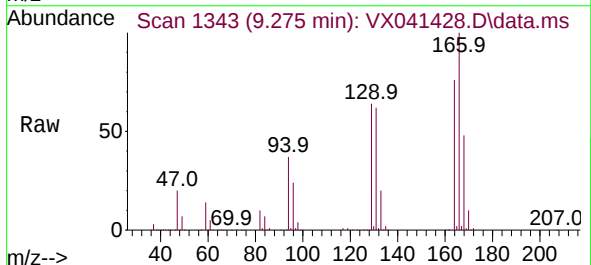
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.4	80.6
83	80.6	56.1	104.3
85	52.9	37.0	68.6

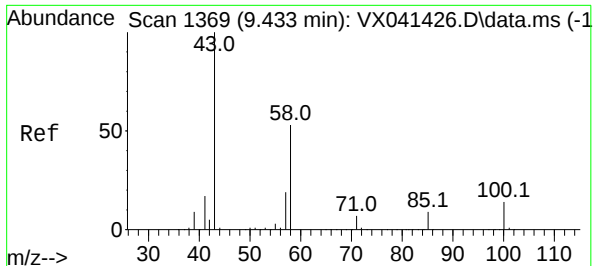


#46
Tetrachloroethene
Concen: 227.071 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 164 Resp: 385963

Ion	Ratio	Lower	Upper
164	100		
129	84.1	59.4	110.4
131	82.5	58.7	108.9
166	132.3	86.7	161.1





#48

2-Hexanone

Concen: 449.416 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

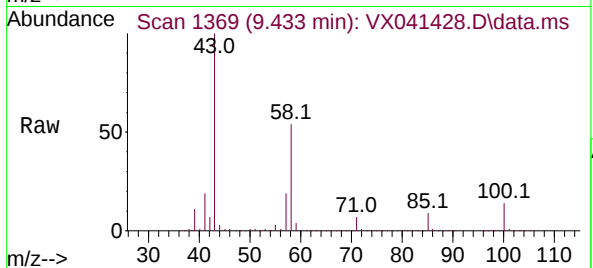
Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 946109

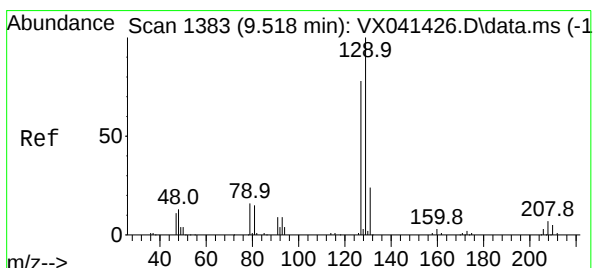
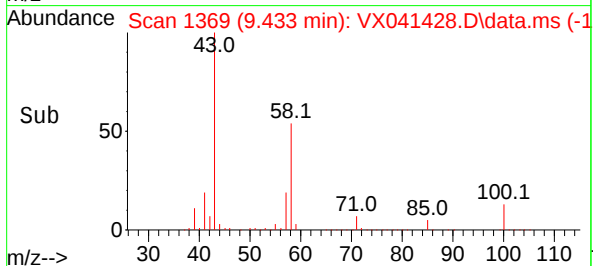
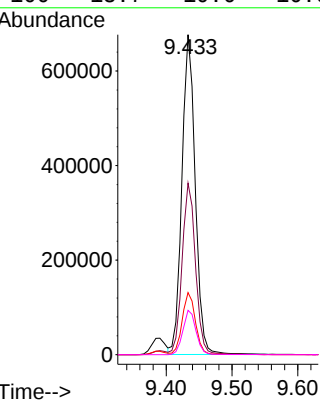
Ion Ratio Lower Upper

43 100

58 53.5 42.3 63.5

57 19.3 15.1 22.7

100 13.7 10.6 16.0



#49

Dibromochloromethane

Concen: 239.333 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX041428.D

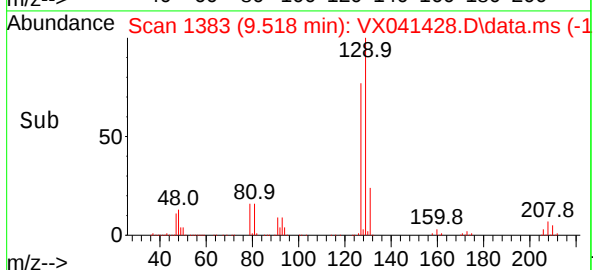
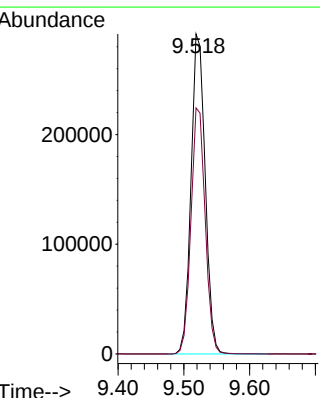
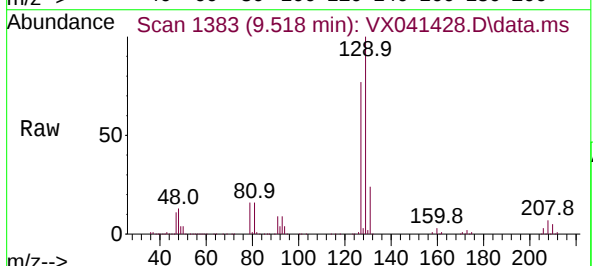
Acq: 09 May 2024 11:22

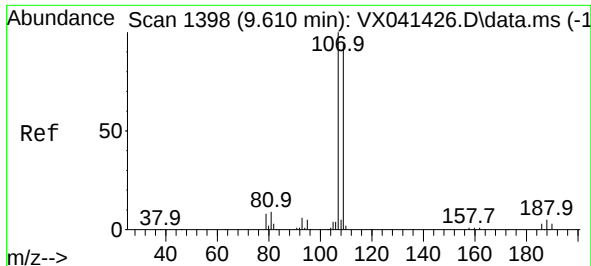
Tgt Ion:129 Resp: 436819

Ion Ratio Lower Upper

129 100

127 76.9 54.4 101.0

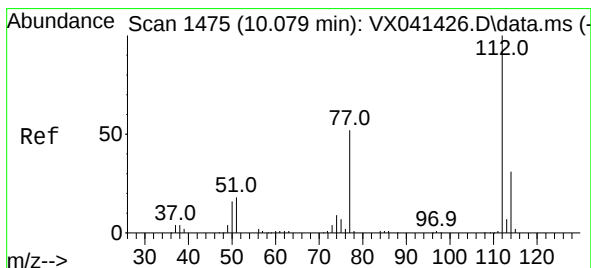
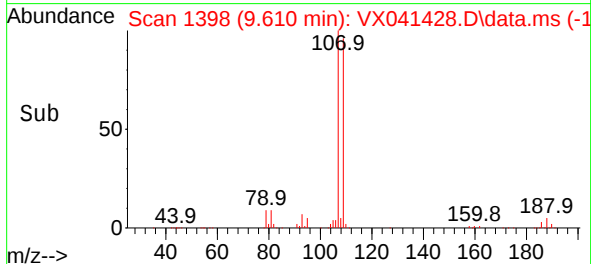
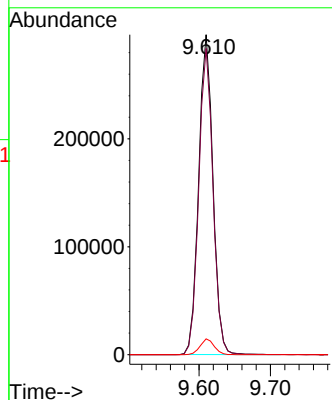
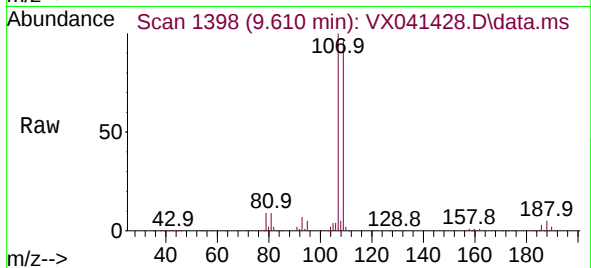




#50
1,2-Dibromoethane
Concen: 219.014 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

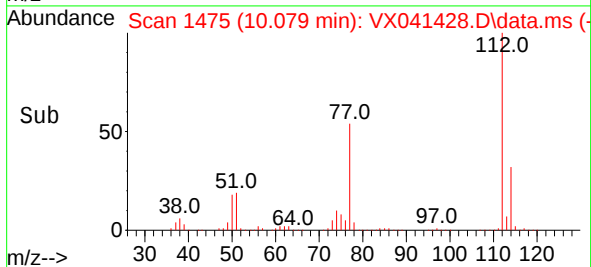
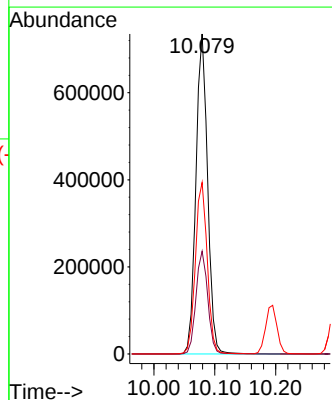
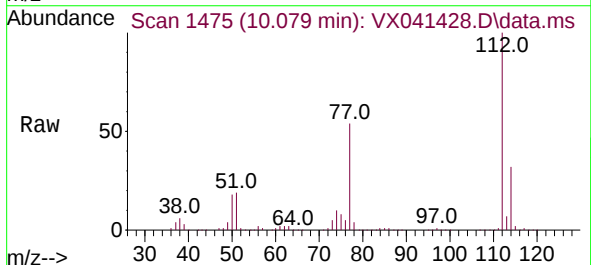
Instrument :
MSVOA_X
ClientSampleId :

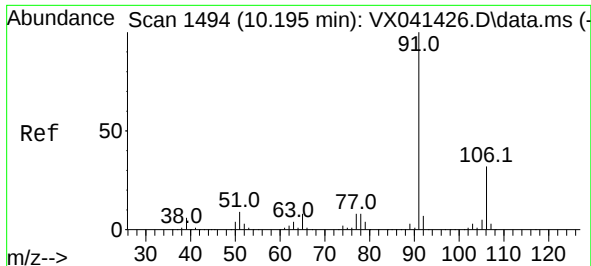
Tgt Ion:107 Resp: 411427
Ion Ratio Lower Upper
107 100
109 95.7 66.1 122.7
188 4.9 4.0 6.0



#51
Chlorobenzene
Concen: 206.563 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion:112 Resp: 974685
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 53.6 41.7 62.5





#52

Ethylbenzene

Concen: 215.141 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

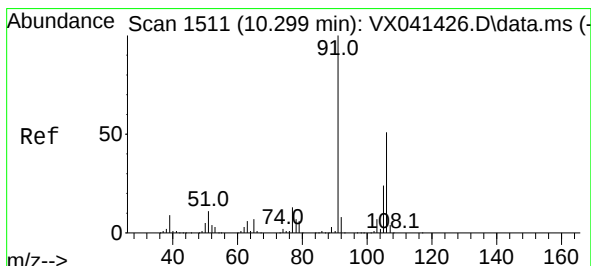
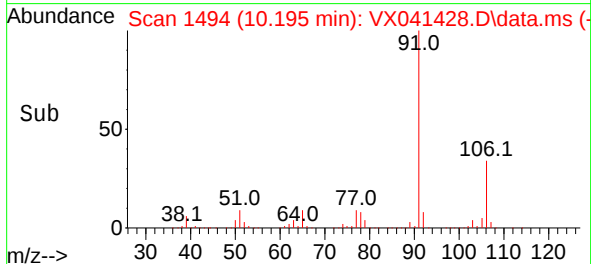
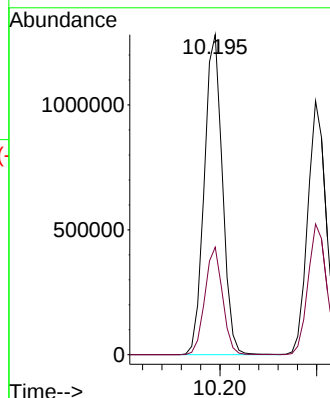
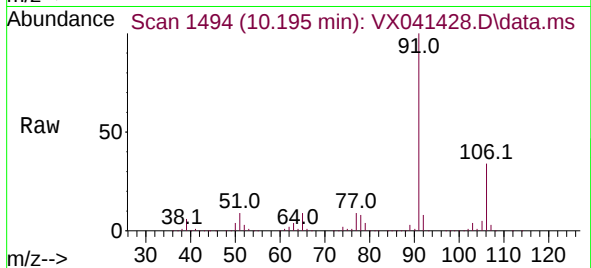
ClientSampleId :

Tgt Ion: 91 Resp: 1670259

Ion Ratio Lower Upper

91 100

106 33.6 22.2 41.2



#53

m,p-Xylene

Concen: 222.989 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041428.D

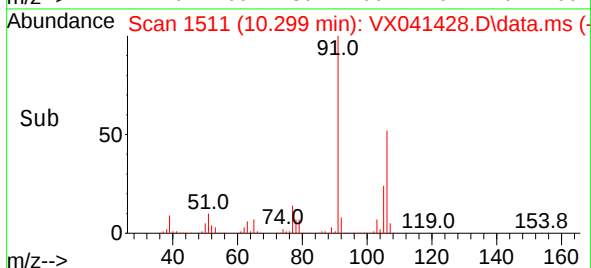
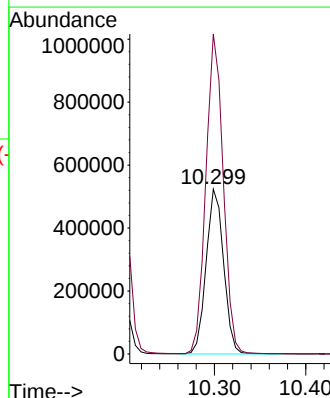
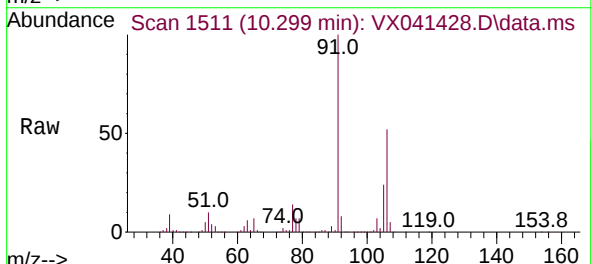
Acq: 09 May 2024 11:22

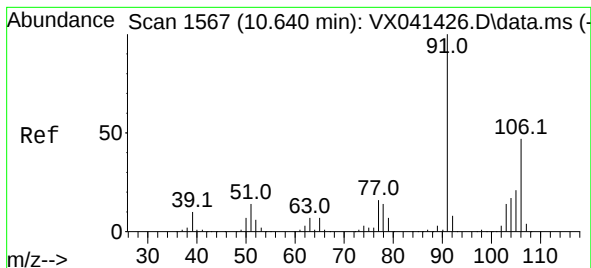
Tgt Ion:106 Resp: 692485

Ion Ratio Lower Upper

106 100

91 194.1 138.1 256.5





#54

o-Xylene

Concen: 231.498 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

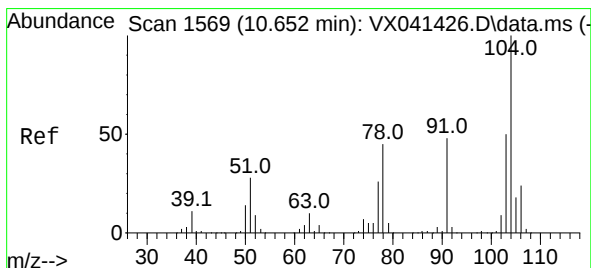
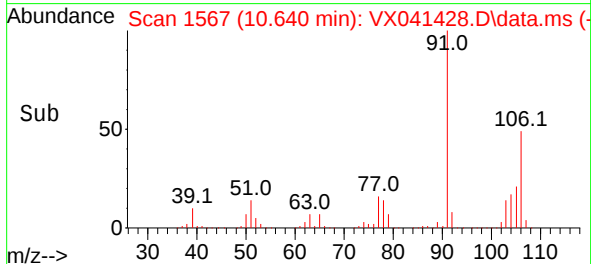
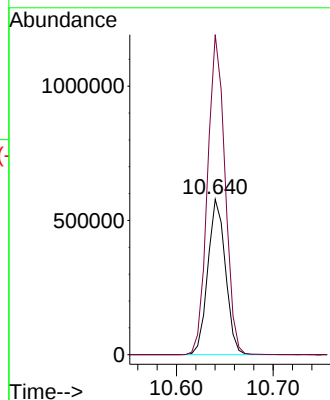
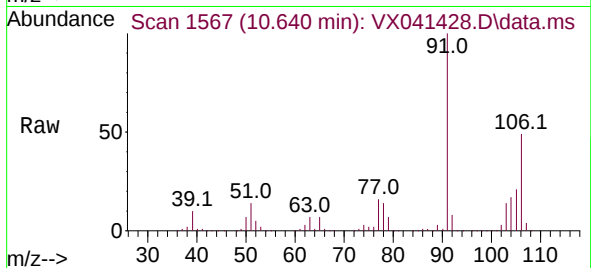
ClientSampleId :

Tgt Ion:106 Resp: 732589

Ion Ratio Lower Upper

106 100

91 205.9 148.4 275.6



#55

Styrene

Concen: 238.005 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041428.D

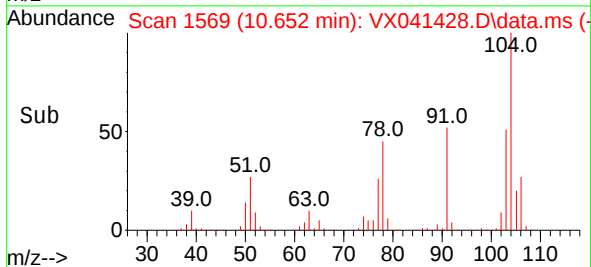
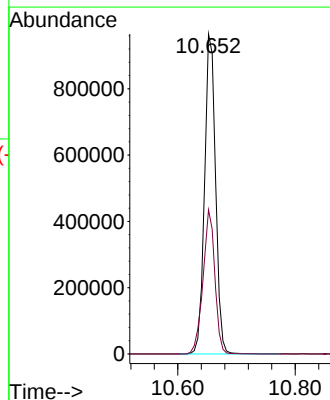
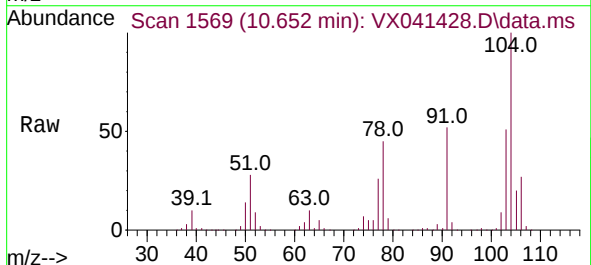
Acq: 09 May 2024 11:22

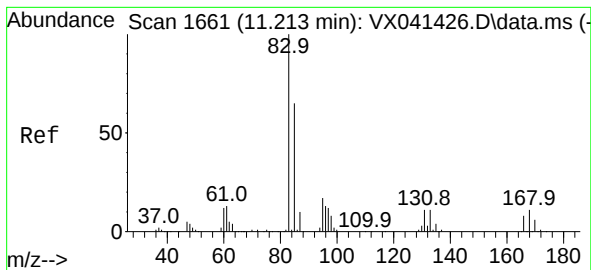
Tgt Ion:104 Resp: 1257826

Ion Ratio Lower Upper

104 100

78 45.0 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 221.114 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

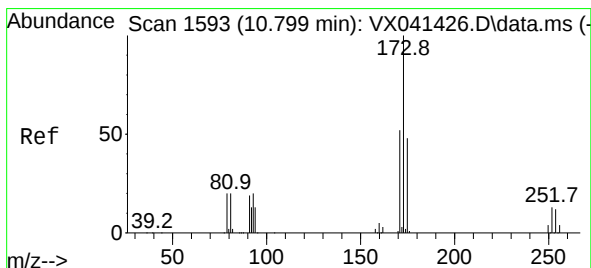
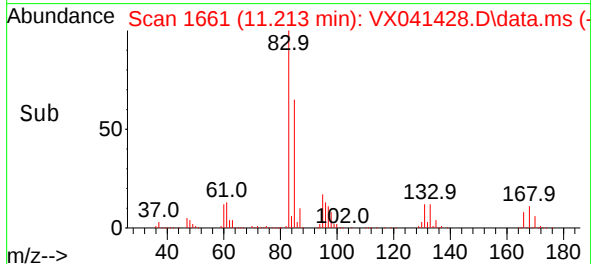
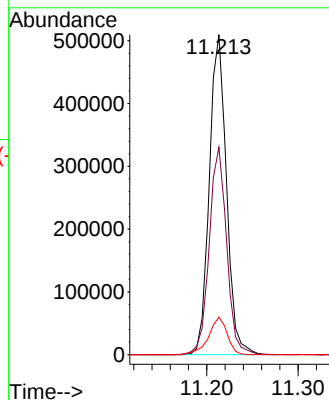
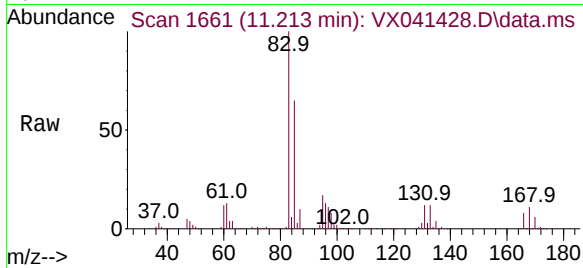
Tgt Ion: 83 Resp: 662417

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4

131 11.7 9.0 13.4



#59

Bromoform

Concen: 232.682 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

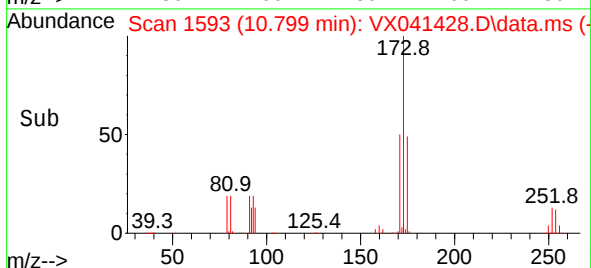
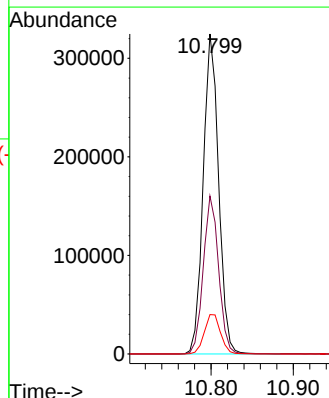
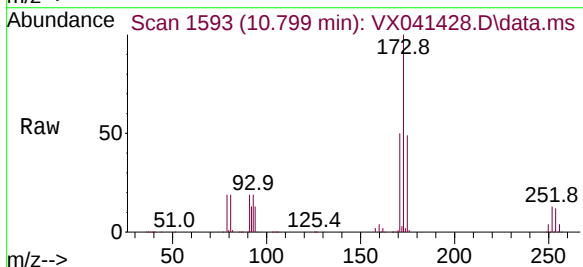
Tgt Ion:173 Resp: 422110

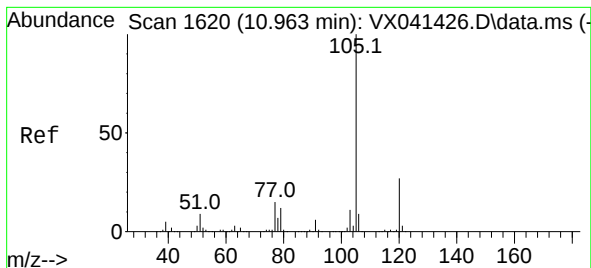
Ion Ratio Lower Upper

173 100

175 49.2 38.6 58.0

254 13.0 10.0 15.0





#60

Isopropylbenzene

Concen: 200.280 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

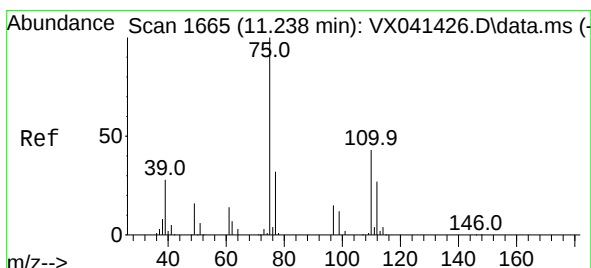
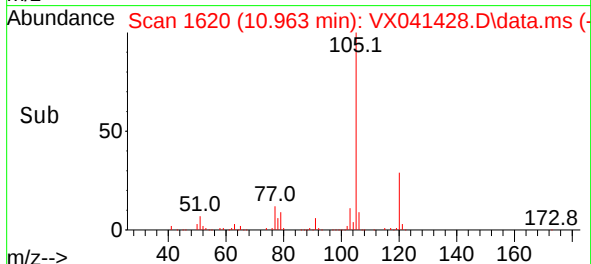
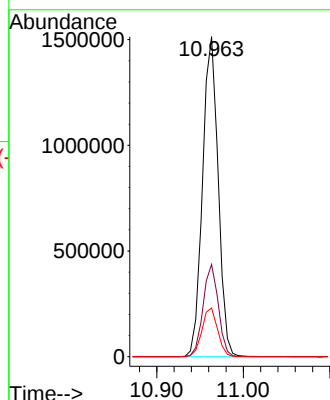
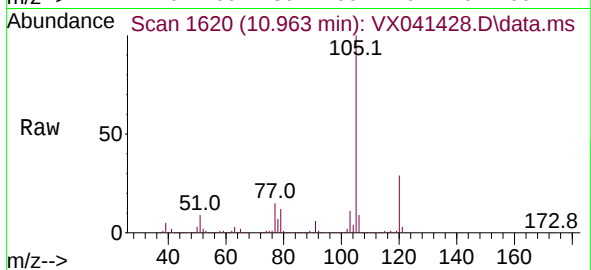
Tgt Ion:105 Resp: 1894305

Ion Ratio Lower Upper

105 100

120 28.1 22.0 33.0

77 15.3 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 190.529 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

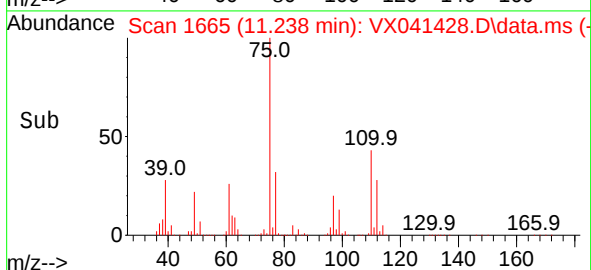
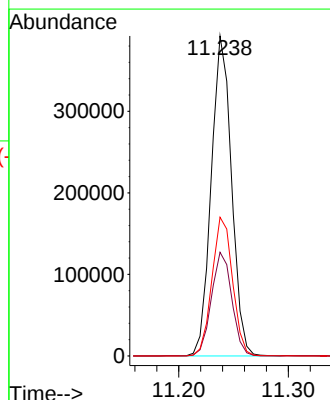
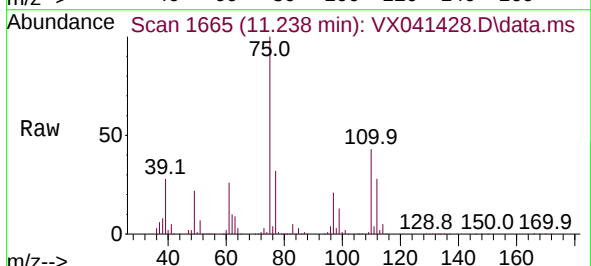
Tgt Ion: 75 Resp: 504898

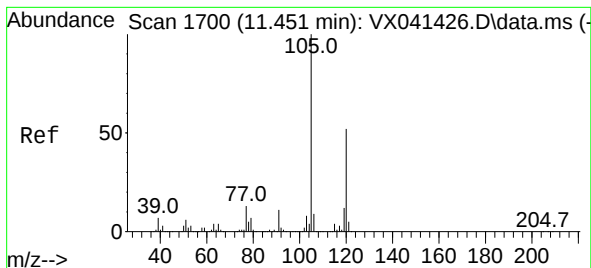
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

110 43.9 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 204.990 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

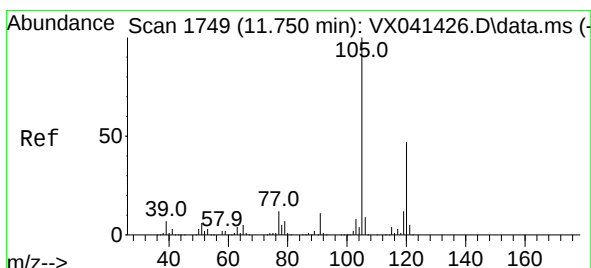
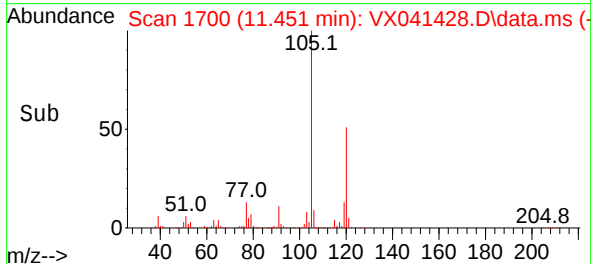
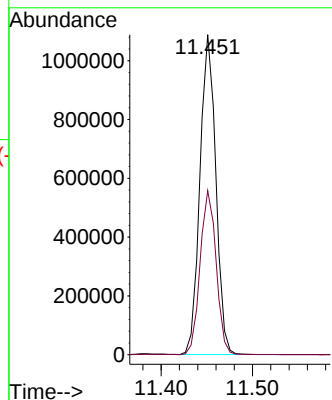
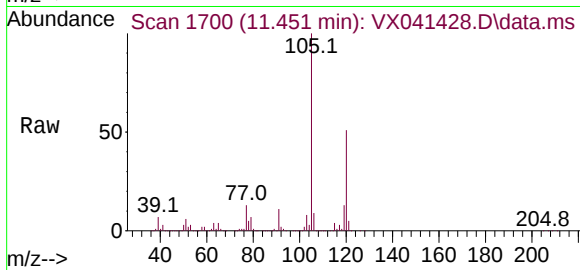
ClientSampleId :

Tgt Ion:105 Resp: 1309934

Ion Ratio Lower Upper

105 100

120 51.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 206.848 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041428.D

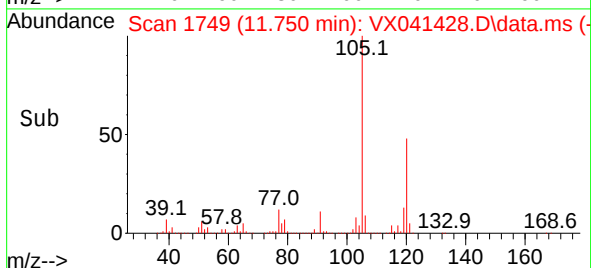
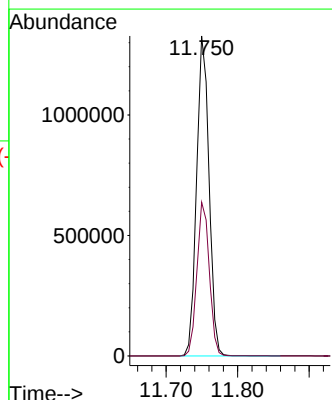
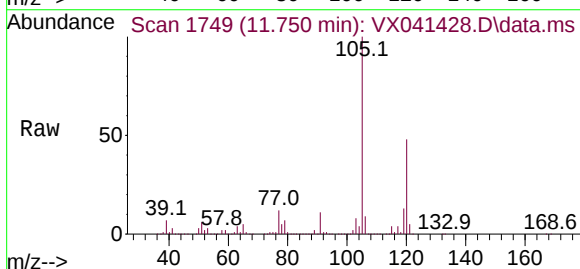
Acq: 09 May 2024 11:22

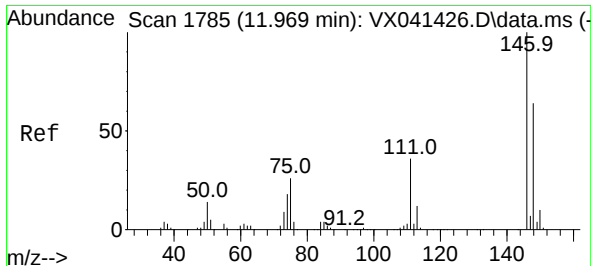
Tgt Ion:105 Resp: 1601497

Ion Ratio Lower Upper

105 100

120 48.0 37.9 56.9

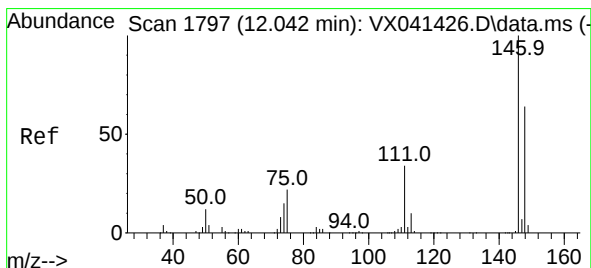
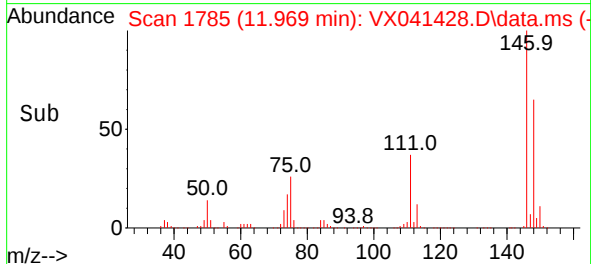
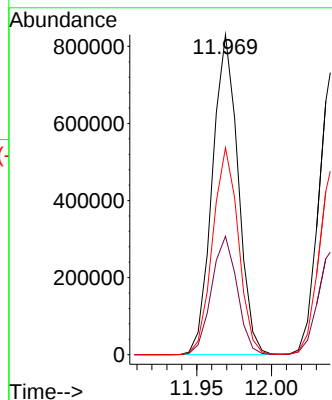
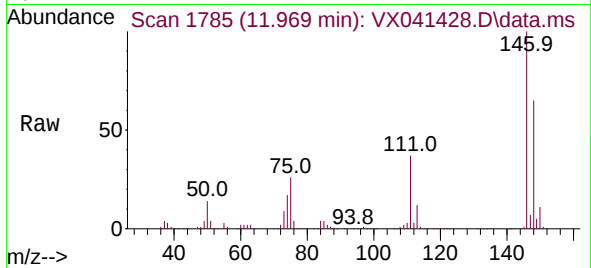




#64
1,3-Dichlorobenzene
Concen: 206.202 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

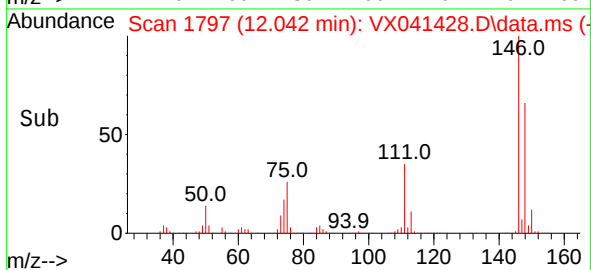
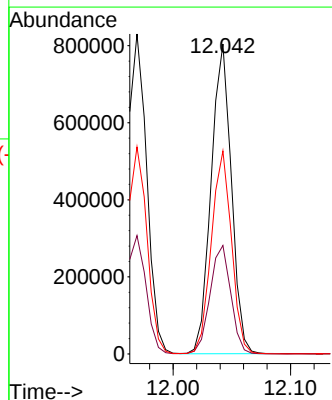
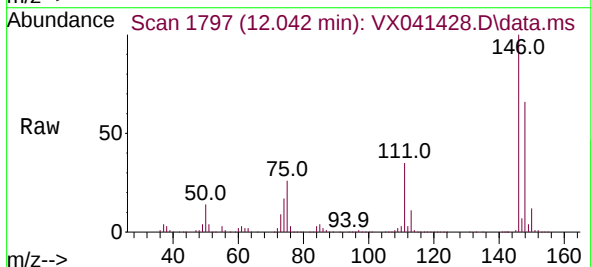
Instrument :
MSVOA_X
ClientSampleId :

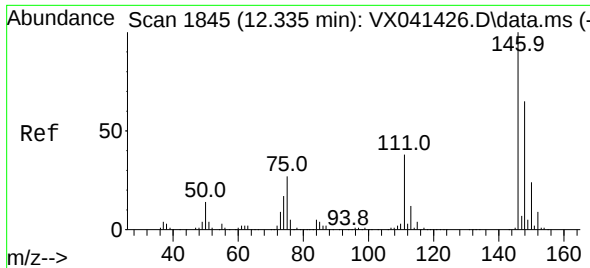
Tgt Ion:146 Resp: 992217
Ion Ratio Lower Upper
146 100
111 37.0 24.8 46.1
148 64.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 196.563 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion:146 Resp: 962783
Ion Ratio Lower Upper
146 100
111 35.0 24.1 44.8
148 65.5 44.9 83.5

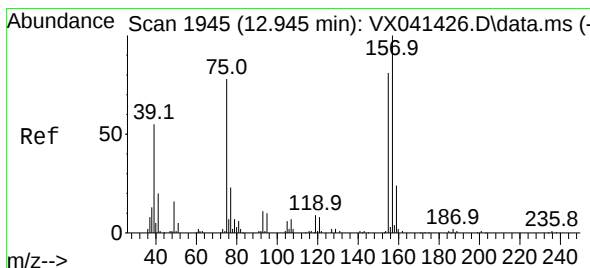
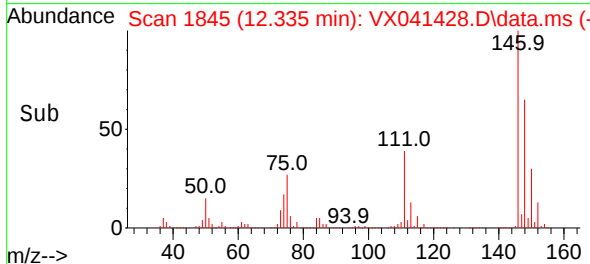
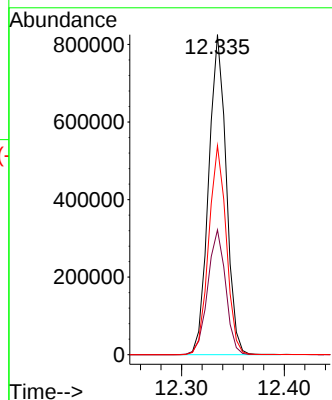
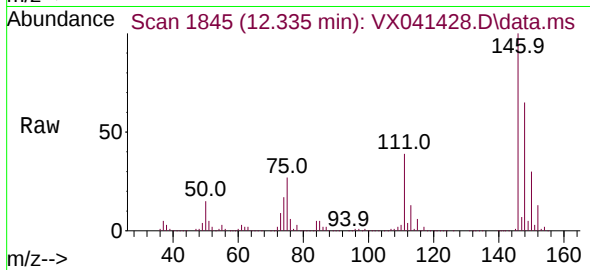




#67
1,2-Dichlorobenzene
Concen: 196.621 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

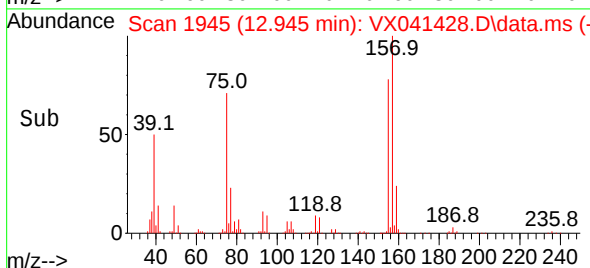
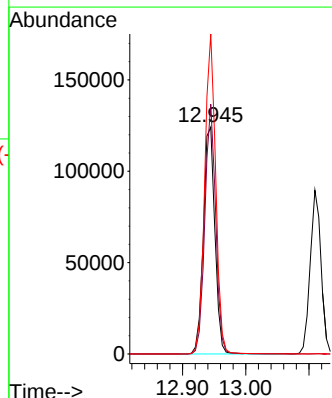
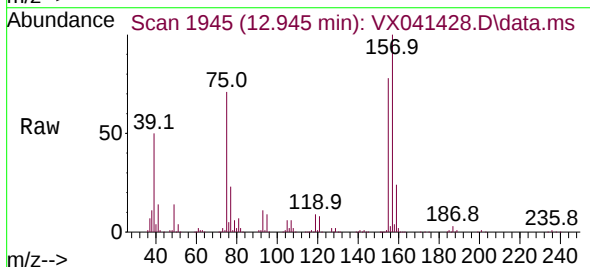
Instrument :
MSVOA_X
ClientSampleId :

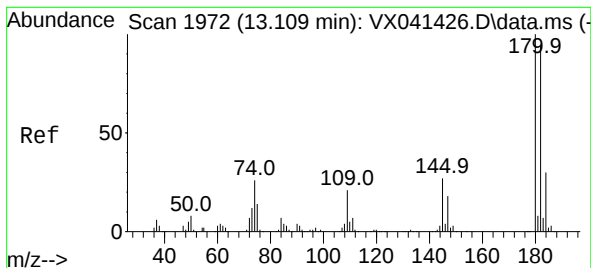
Tgt Ion:146 Resp: 979727
Ion Ratio Lower Upper
146 100
111 39.0 30.2 45.2
148 65.3 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 221.258 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion: 75 Resp: 157755
Ion Ratio Lower Upper
75 100
155 110.0 83.2 124.8
157 141.0 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 222.033 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

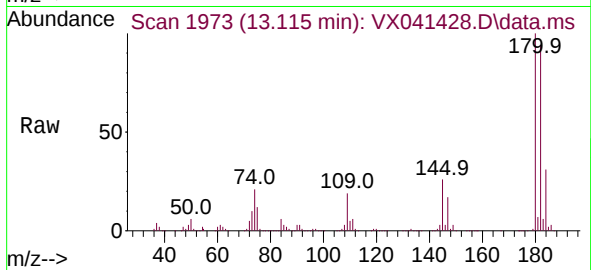
Lab File: VX041428.D

Acq: 09 May 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 797416

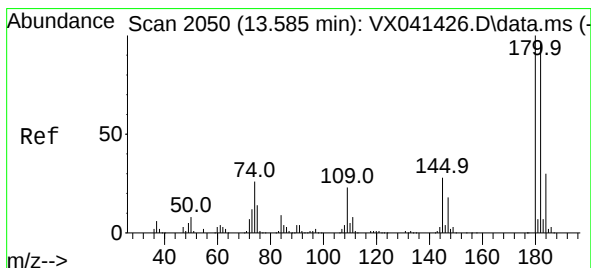
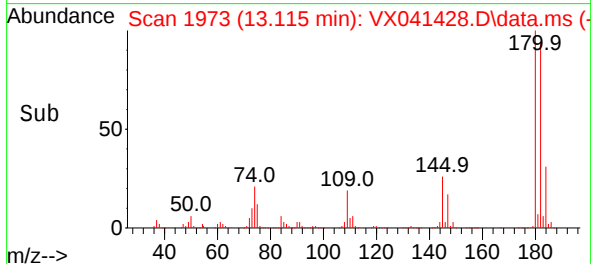
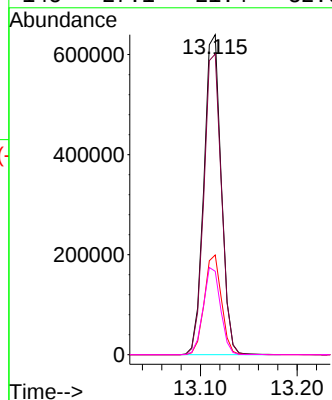
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

184 30.9 24.3 36.5

145 27.1 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 213.197 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041428.D

Acq: 09 May 2024 11:22

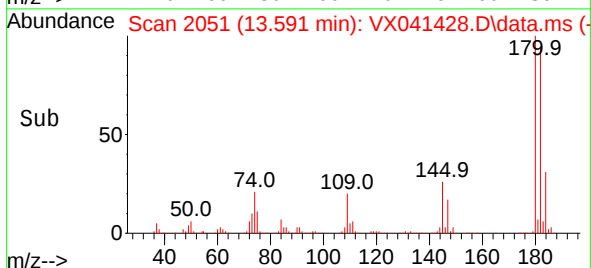
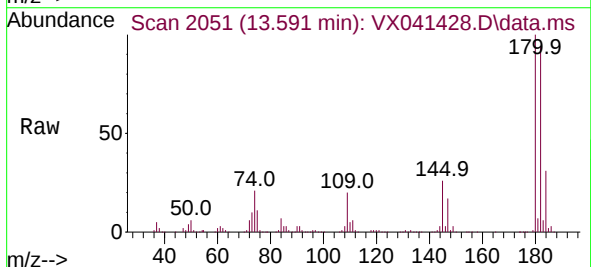
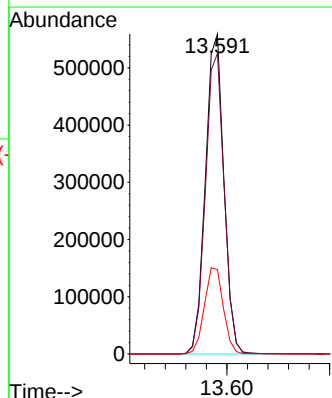
Tgt Ion:180 Resp: 699197

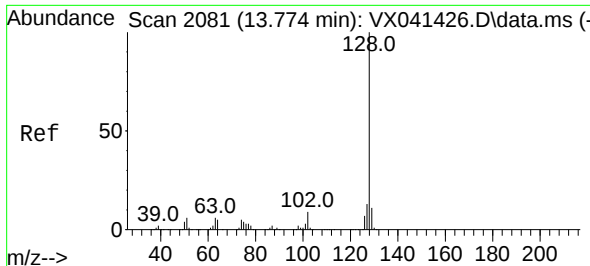
Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 27.7 22.0 33.0

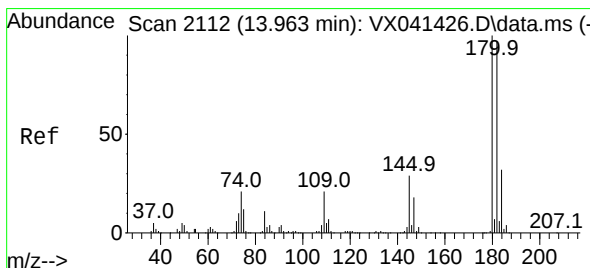
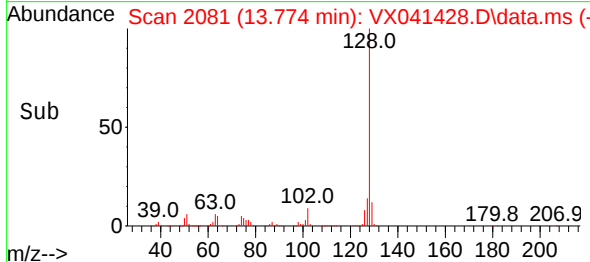
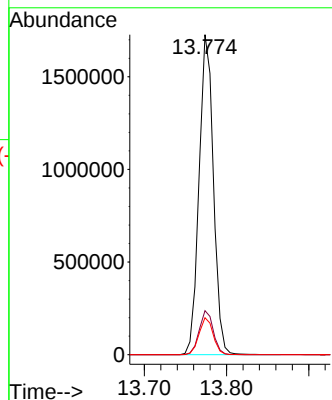
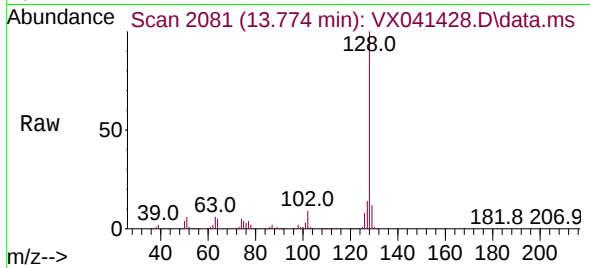




#71
Naphthalene
Concen: 213.989 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2094708
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 195.440 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041428.D
Acq: 09 May 2024 11:22

Tgt Ion:180 Resp: 668329
Ion Ratio Lower Upper
180 100
182 97.0 77.5 116.3
145 29.5 23.8 35.8

