

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044223.D
 Acq On : 11 Dec 2024 12:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 12 04:15:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224292	98.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 196.660%#	
35) Dibromofluoromethane	5.379	113	169582	103.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 207.740%#	
50) Toluene-d8	8.647	98	579477	105.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 210.400%#	
62) 4-Bromofluorobenzene	11.079	95	203694	105.830	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 211.660%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	193785	96.329	ug/l	97
3) Chloromethane	1.295	50	186167	96.774	ug/l	99
4) Vinyl Chloride	1.374	62	187739	93.675	ug/l	99
5) Bromomethane	1.593	94	137770	96.897	ug/l	97
6) Chloroethane	1.660	64	109912	88.074	ug/l	95
7) Trichlorofluoromethane	1.862	101	384622	98.030	ug/l	98
8) Diethyl Ether	2.136	74	124039	92.618	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	149151	93.944	ug/l	99
10) Methyl Iodide	2.441	142	203545	97.275	ug/l	100
11) Tert butyl alcohol	3.008	59	173139	539.406	ug/l	100
12) 1,1-Dichloroethene	2.307	96	144268	98.930	ug/l	100
13) Acrolein	2.240	56	226037	485.718	ug/l	99
14) Allyl chloride	2.654	41	244602	100.703	ug/l	99
15) Acrylonitrile	3.069	53	446747	501.661	ug/l	99
16) Acetone	2.392	43	452955	487.065	ug/l	97
17) Carbon Disulfide	2.496	76	320036	115.453	ug/l	99
18) Methyl Acetate	2.709	43	230998	96.338	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	564545	99.205	ug/l	99
20) Methylene Chloride	2.782	84	168498	96.466	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	154797	99.880	ug/l	98
22) Diisopropyl ether	3.764	45	538742	98.498	ug/l	99
23) Vinyl Acetate	3.721	43	2395923	538.801	ug/l	100
24) 1,1-Dichloroethane	3.605	63	304626	99.915	ug/l	99
25) 2-Butanone	4.568	43	662768	501.306	ug/l	99
26) 2,2-Dichloropropane	4.471	77	258092	104.201	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	190127	96.593	ug/l	99
28) Bromochloromethane	4.891	49	144783	96.842	ug/l	99
29) Tetrahydrofuran	5.007	42	412666	486.290	ug/l	99
30) Chloroform	5.093	83	331047	96.642	ug/l	98
31) Cyclohexane	5.458	56	239879	97.433	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	291065	102.363	ug/l	99
36) 1,1-Dichloropropene	5.684	75	209732	99.376	ug/l	98
37) Ethyl Acetate	4.721	43	266307	102.079	ug/l	100
38) Carbon Tetrachloride	5.672	117	236869	104.249	ug/l	96
39) Methylcyclohexane	7.373	83	259368	102.800	ug/l	98
40) Benzene	6.032	78	638055	99.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	140375	101.332	ug/l	99
42) 1,2-Dichloroethane	6.086	62	261991	99.255	ug/l	99
43) Isopropyl Acetate	6.342	43	427893	104.939	ug/l	99
44) Trichloroethene	7.123	130	158990	99.497	ug/l	99
45) 1,2-Dichloropropane	7.428	63	160913	98.293	ug/l	97
46) Dibromomethane	7.580	93	130316	102.607	ug/l	99
47) Bromodichloromethane	7.818	83	244401	111.423	ug/l	100
48) Methyl methacrylate	7.696	41	203116	102.618	ug/l	99
49) 1,4-Dioxane	7.665	88	61921	1830.521	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	1322678	504.496	ug/l	99
52) Toluene	8.714	92	396383	98.506	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	248092	99.321	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	263014	110.127	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	157366	98.441	ug/l	98
56) Ethyl methacrylate	9.116	69	271146	107.442	ug/l	99
57) 1,3-Dichloropropane	9.305	76	274642	98.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	671233	527.342	ug/l	100
59) 2-Hexanone	9.433	43	989466	521.401	ug/l	99
60) Dibromochloromethane	9.519	129	178135	99.480	ug/l	99
61) 1,2-Dibromoethane	9.610	107	171458	105.371	ug/l	97
64) Tetrachloroethene	9.269	164	130678	94.131	ug/l	97
65) Chlorobenzene	10.080	112	433179	96.650	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	153882	106.831	ug/l	99
67) Ethyl Benzene	10.195	91	765930	98.906	ug/l	97
68) m/p-Xylenes	10.299	106	571648	201.171	ug/l	99
69) o-Xylene	10.640	106	280603	97.597	ug/l	100
70) Styrene	10.653	104	480077	104.159	ug/l	97
71) Bromoform	10.799	173	112482	99.723	ug/l #	98
73) Isopropylbenzene	10.964	105	731955	97.894	ug/l	99
74) N-amyl acetate	10.842	43	371420	107.485	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	245395	94.491	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	278299	125.569	ug/l	85
77) Bromobenzene	11.195	156	175647	96.874	ug/l	98
78) n-propylbenzene	11.305	91	836676	101.242	ug/l	99
79) 2-Chlorotoluene	11.366	91	504407	94.377	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	604993	97.570	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78453	97.165	ug/l	94
82) 4-Chlorotoluene	11.451	91	588197	99.384	ug/l	99
83) tert-Butylbenzene	11.713	119	606738	99.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	614999	100.994	ug/l	100
85) sec-Butylbenzene	11.890	105	743098	99.889	ug/l	100
86) p-Isopropyltoluene	12.006	119	624416	100.847	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	317377	100.210	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	316688	97.271	ug/l	99
89) n-Butylbenzene	12.329	91	564303	108.385	ug/l	99
90) Hexachloroethane	12.536	117	105946	117.218	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	323040	98.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54588	108.279	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	197899	109.766	ug/l	98
94) Hexachlorobutadiene	13.725	225	72453	99.908	ug/l	97
95) Naphthalene	13.774	128	755181	107.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	206053	107.754	ug/l	98

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ClientSampleId :

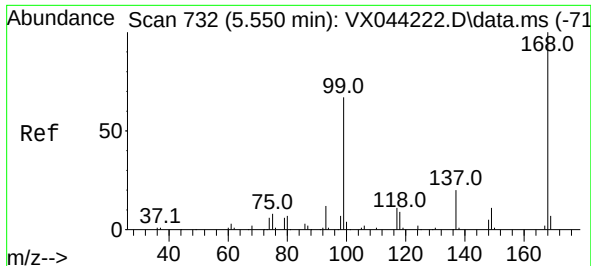
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

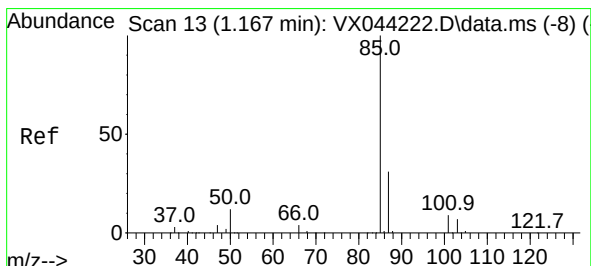
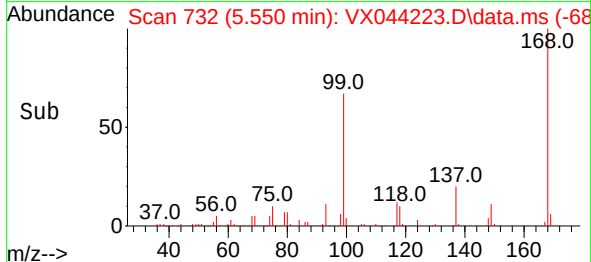
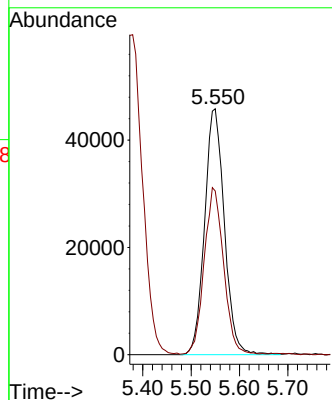
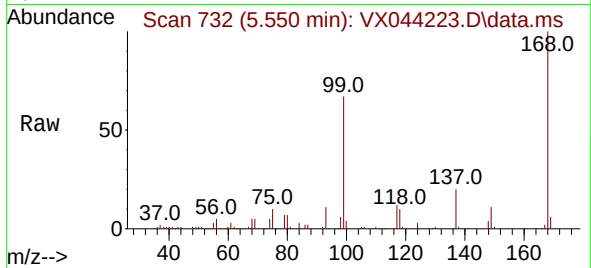




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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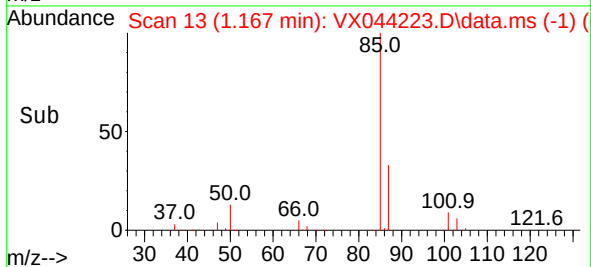
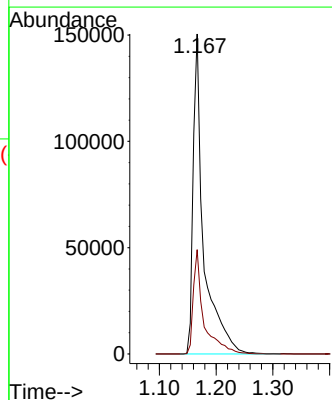
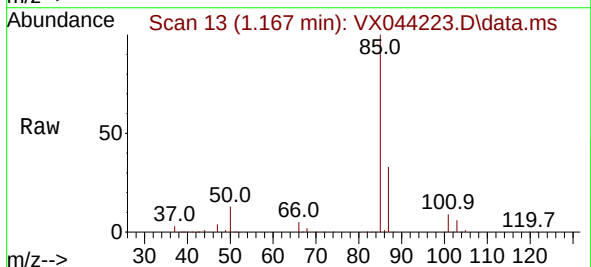
Instrument : MSVOA_X
ClientSampleId :

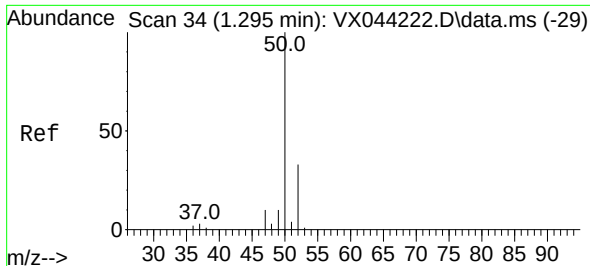
Tgt Ion:168 Resp: 130101
Ion Ratio Lower Upper
168 100
99 66.4 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 96.329 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

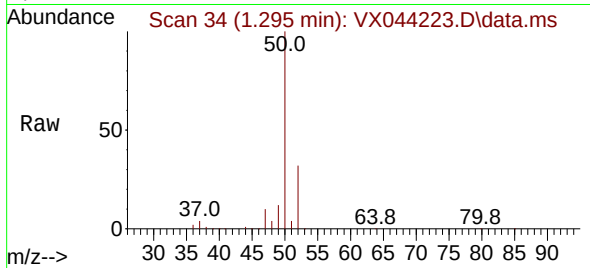
Tgt Ion: 85 Resp: 193785
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4



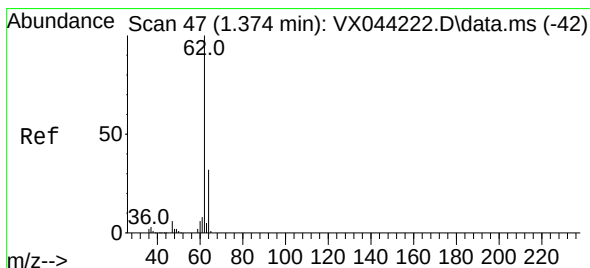
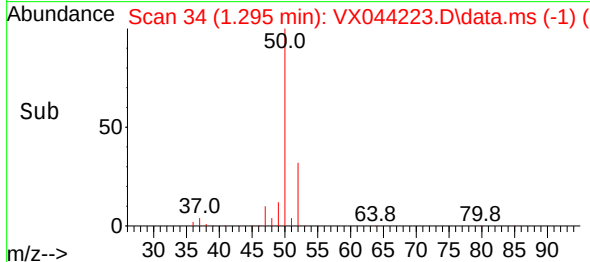
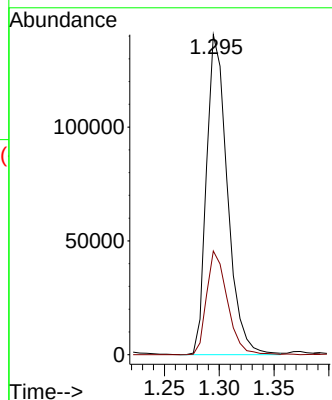


#3
Chloromethane
Concen: 96.774 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
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ClientSampleId :

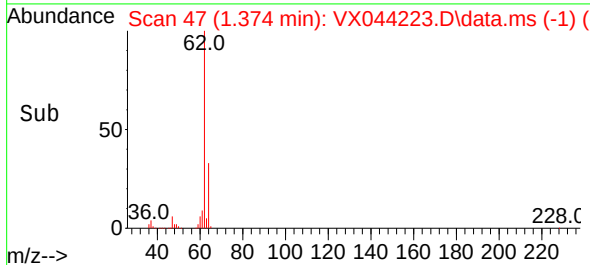
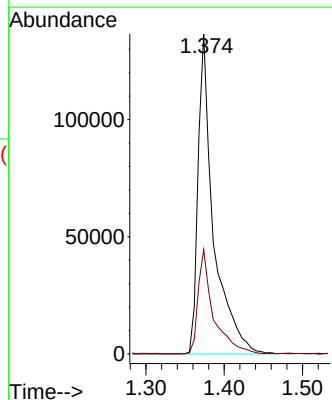
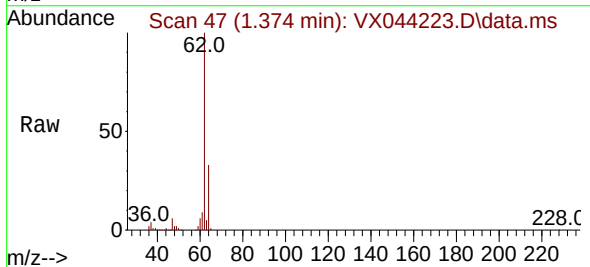


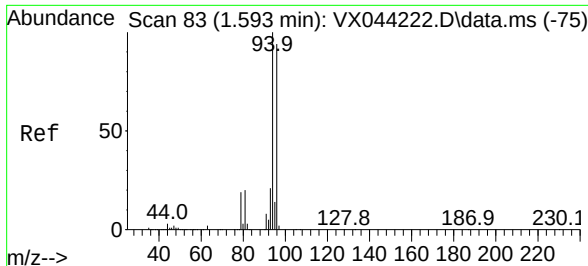
Tgt Ion: 50 Resp: 186167
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 93.675 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 187739
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

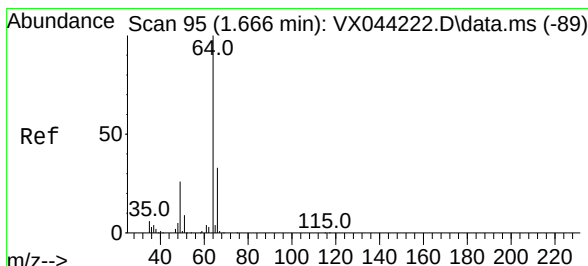
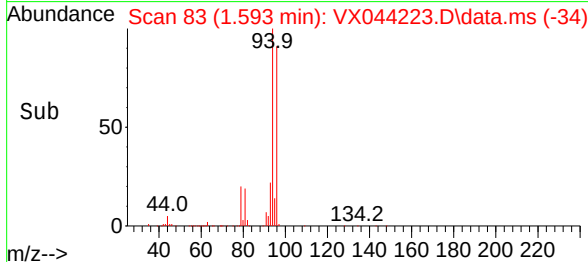
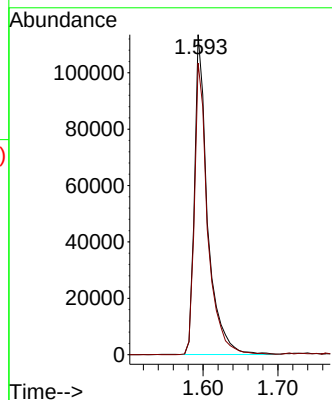
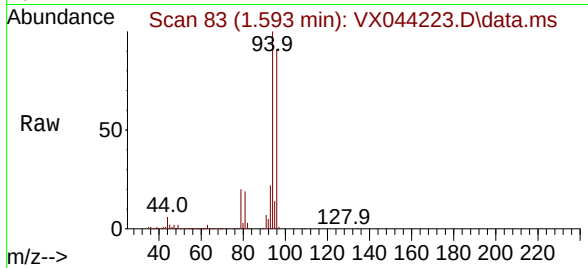




#5
Bromomethane
Concen: 96.897 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

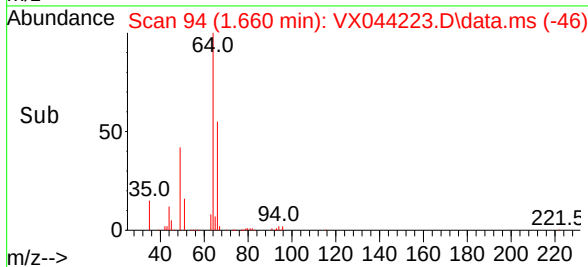
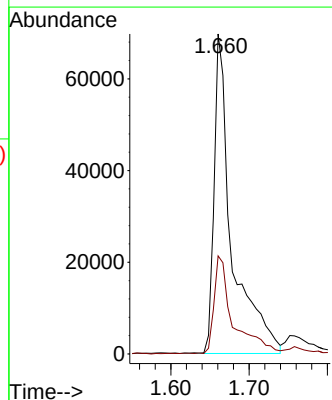
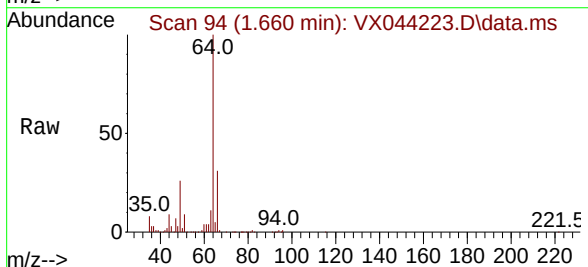
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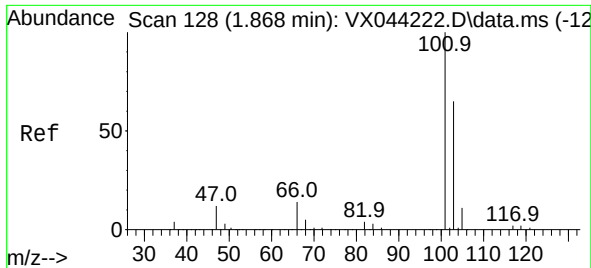
Tgt Ion: 94 Resp: 137770
Ion Ratio Lower Upper
94 100
96 91.1 74.9 112.3



#6
Chloroethane
Concen: 88.074 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044223.D
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Tgt Ion: 64 Resp: 109912
Ion Ratio Lower Upper
64 100
66 30.5 26.6 39.8

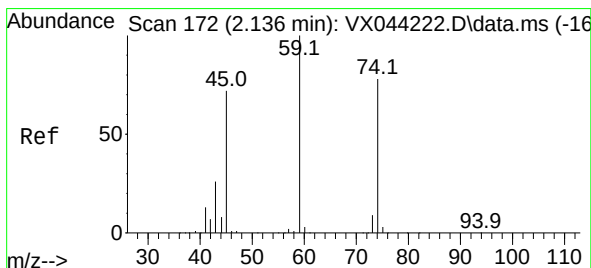
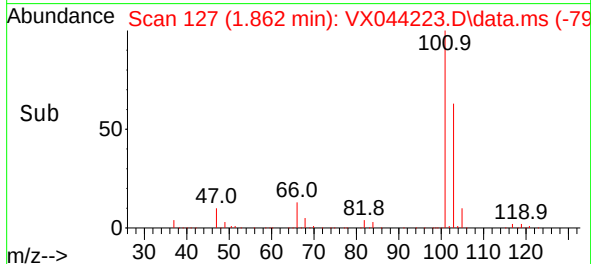
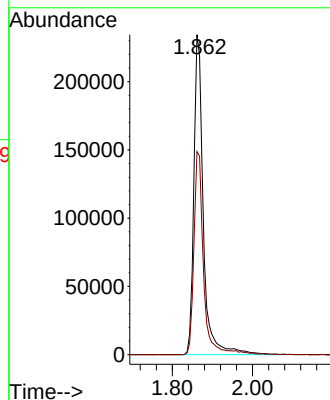
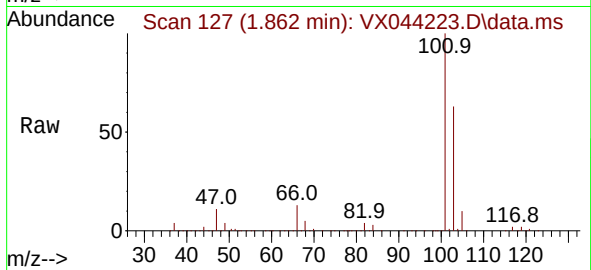




#7
 Trichlorofluoromethane
 Concen: 98.030 ug/l
 RT: 1.862 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX044223.D
 Acq: 11 Dec 2024 12:37

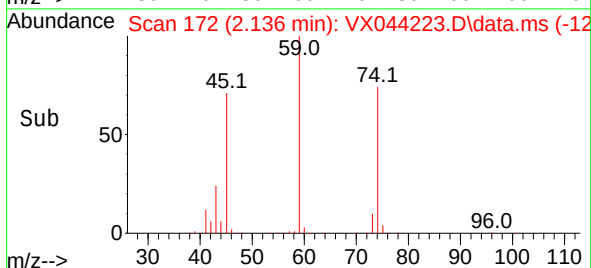
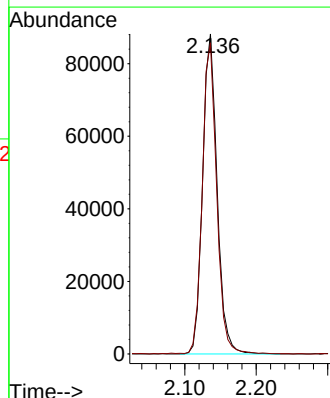
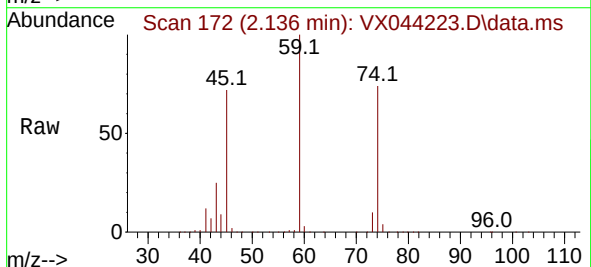
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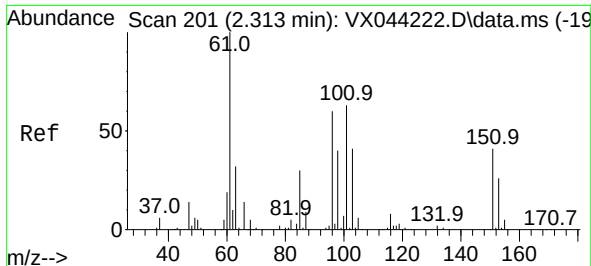
Tgt Ion:101 Resp: 384622
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.8



#8
 Diethyl Ether
 Concen: 92.618 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044223.D
 Acq: 11 Dec 2024 12:37

Tgt Ion: 74 Resp: 124039
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.4 145.0

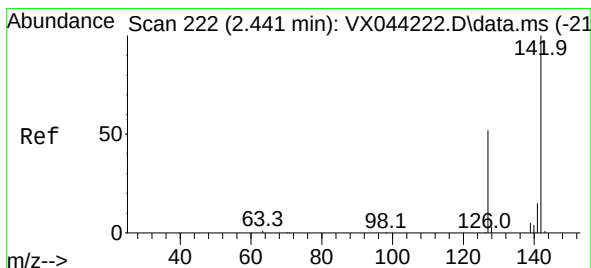
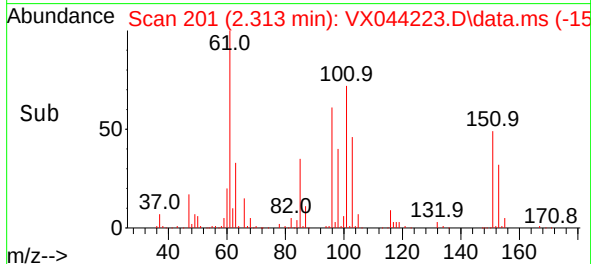
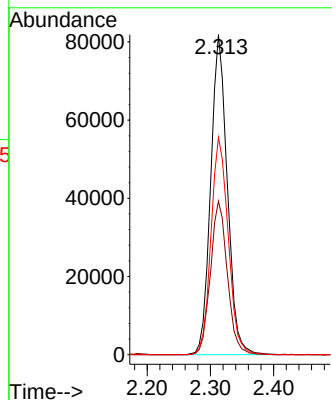
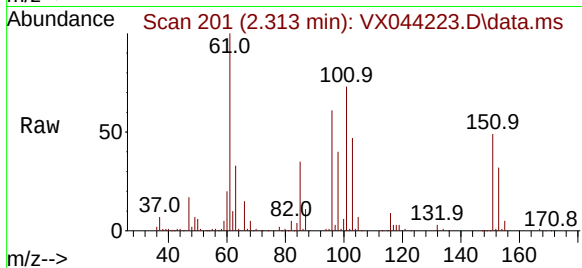




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.944 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044223.D
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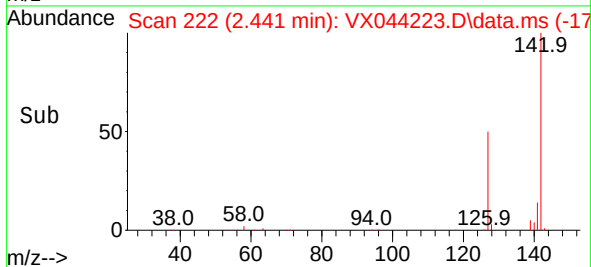
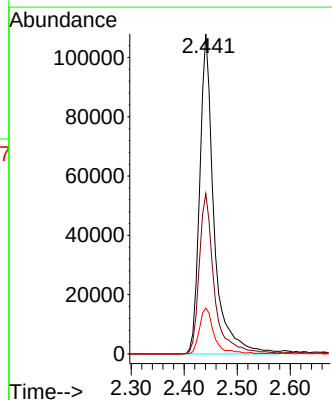
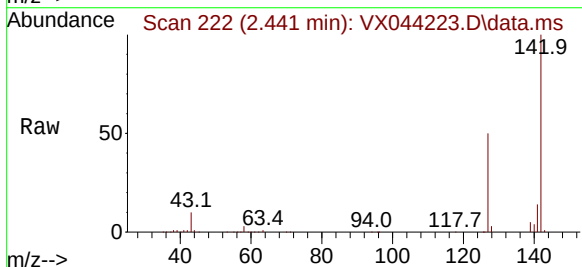
Instrument :
MSVOA_X
ClientSampleId :

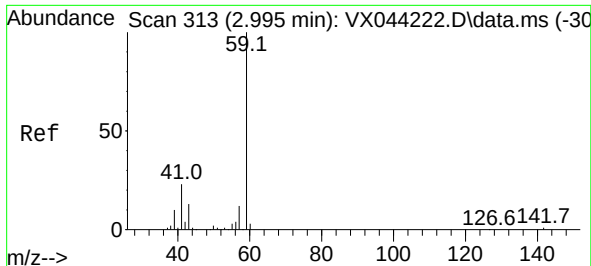
Tgt Ion:101 Resp: 149151
Ion Ratio Lower Upper
101 100
85 48.9 38.5 57.7
151 70.5 55.8 83.6



#10
Methyl Iodide
Concen: 97.275 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:142 Resp: 203545
Ion Ratio Lower Upper
142 100
127 52.4 41.8 62.8
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 539.406 ug/l

RT: 3.008 min Scan# 313

Delta R.T. 0.012 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

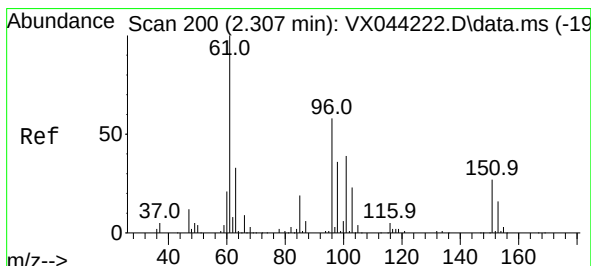
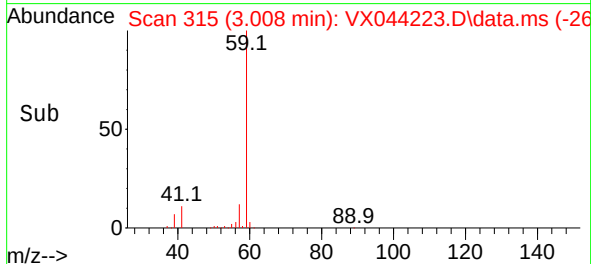
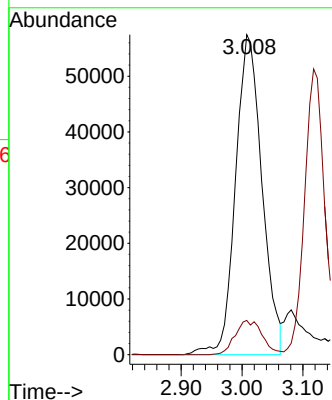
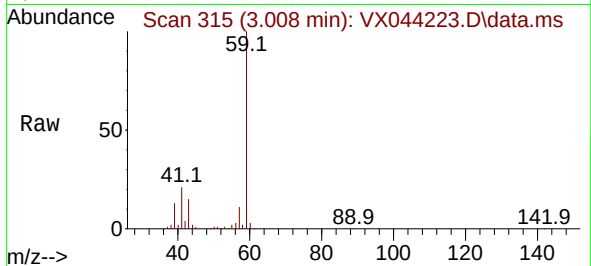
ClientSampleId :

Tgt Ion: 59 Resp: 173139

Ion Ratio Lower Upper

59 100

57 11.1 8.8 13.2



#12

1,1-Dichloroethene

Concen: 98.930 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

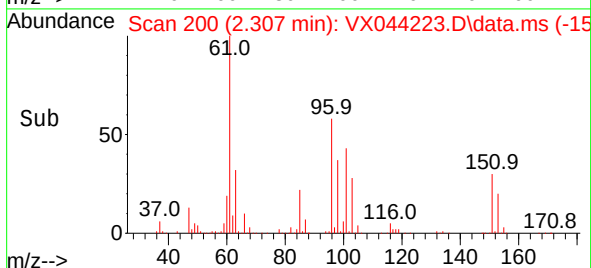
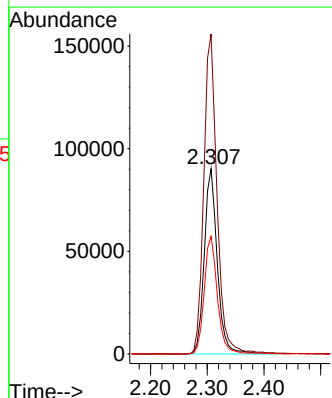
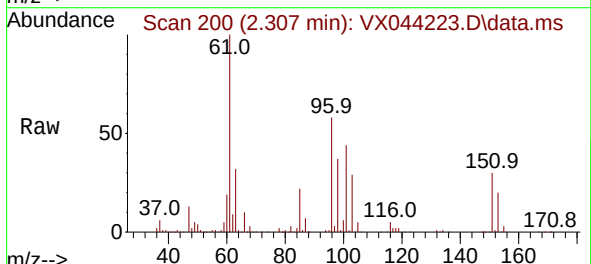
Tgt Ion: 96 Resp: 144268

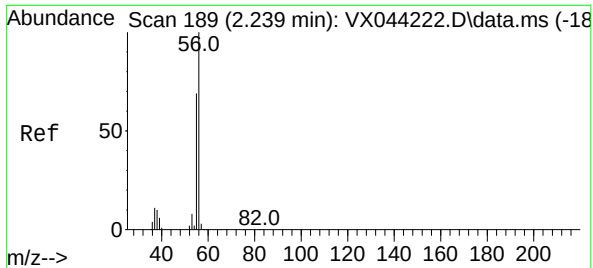
Ion Ratio Lower Upper

96 100

61 172.7 138.0 207.0

98 63.5 50.0 75.0





#13

Acrolein

Concen: 485.718 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

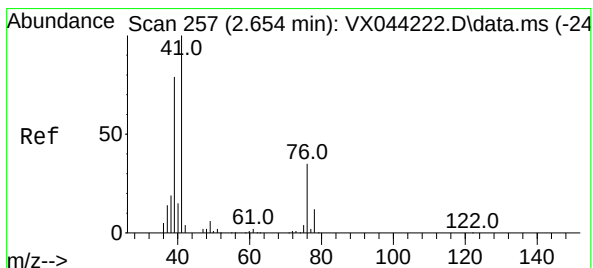
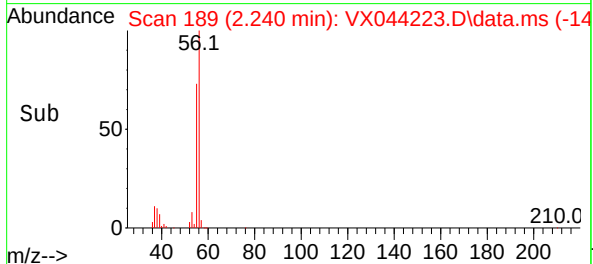
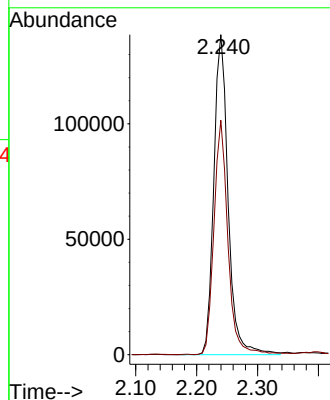
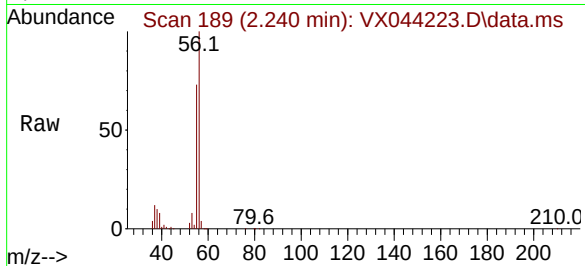
ClientSampleId :

Tgt Ion: 56 Resp: 226037

Ion Ratio Lower Upper

56 100

55 71.7 56.6 84.8



#14

Allyl chloride

Concen: 100.703 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

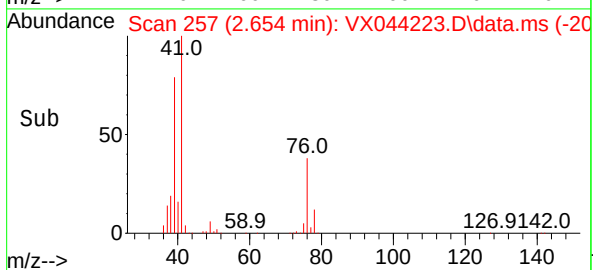
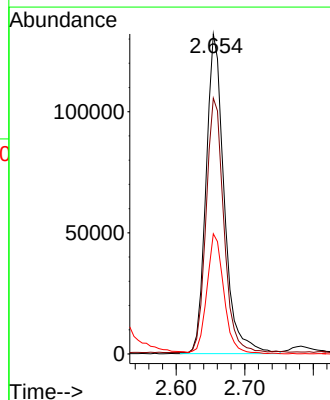
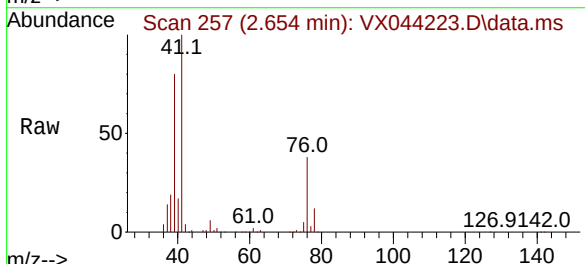
Tgt Ion: 41 Resp: 244602

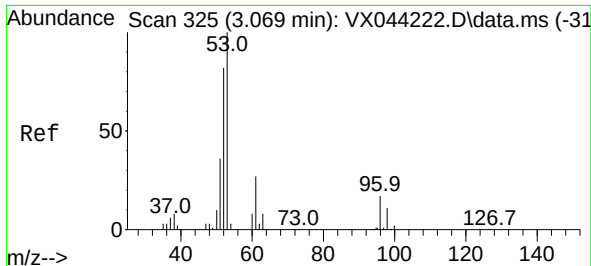
Ion Ratio Lower Upper

41 100

39 77.0 61.9 92.9

76 34.7 27.4 41.2

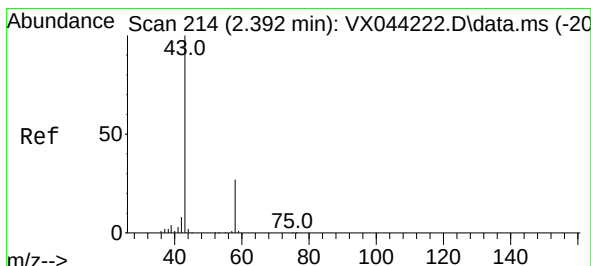
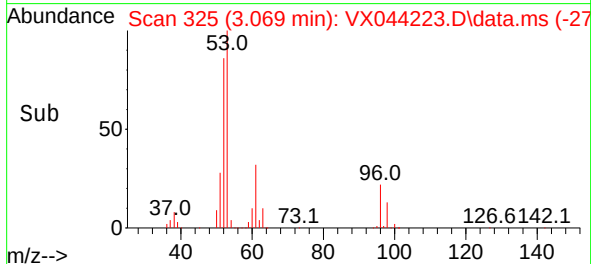
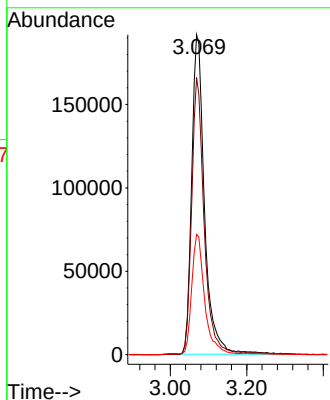
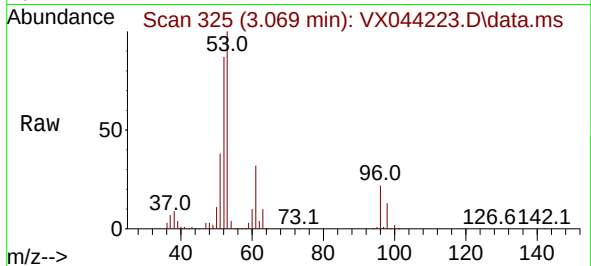




#15
Acrylonitrile
Concen: 501.661 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

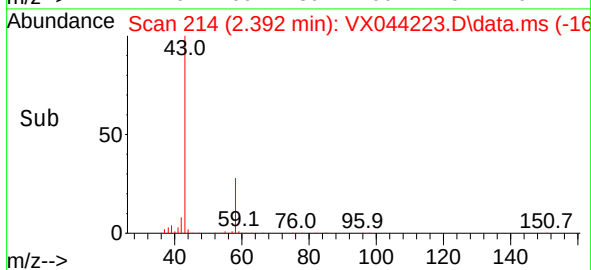
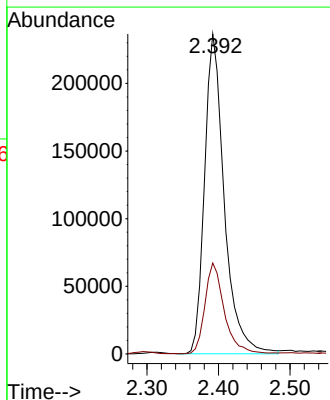
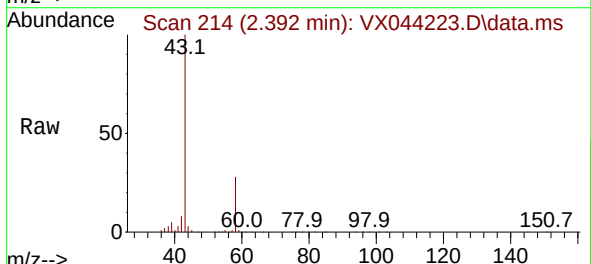
Instrument :
MSVOA_X
ClientSampleId :

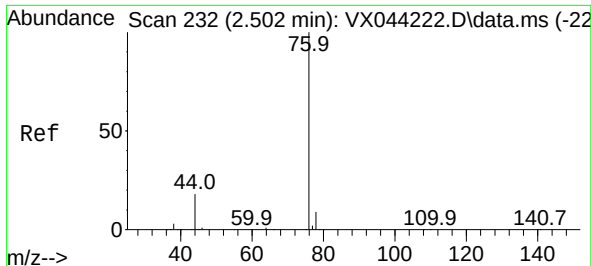
Tgt Ion: 53 Resp: 446747
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.0
51 37.0 30.3 45.5



#16
Acetone
Concen: 487.065 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

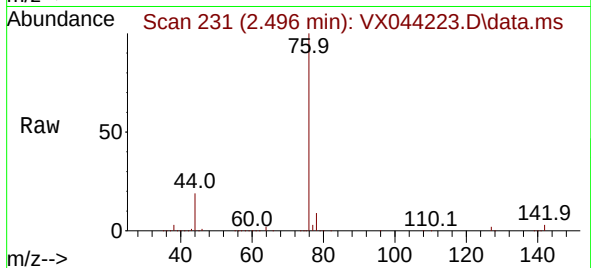
Tgt Ion: 43 Resp: 452955
Ion Ratio Lower Upper
43 100
58 28.4 21.6 32.4



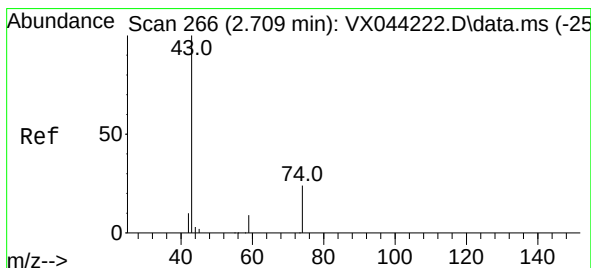
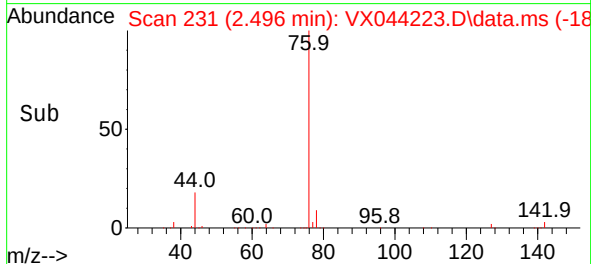
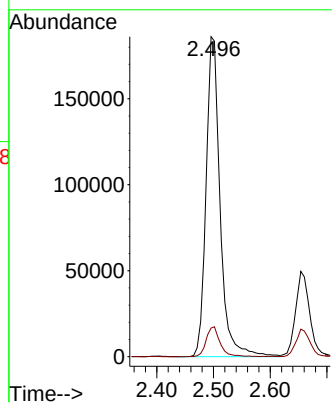


#17
Carbon Disulfide
Concen: 115.453 ug/l
RT: 2.496 min Scan# 24
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :

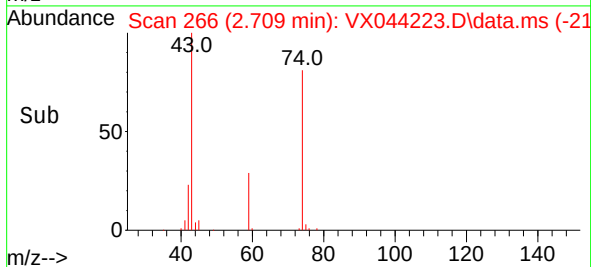
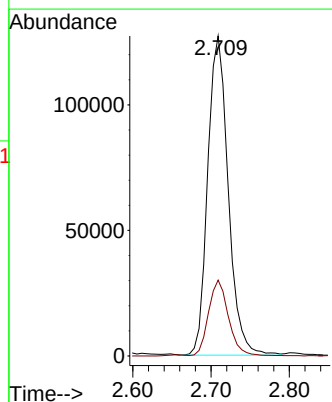
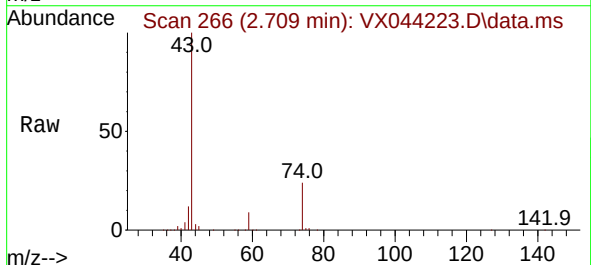


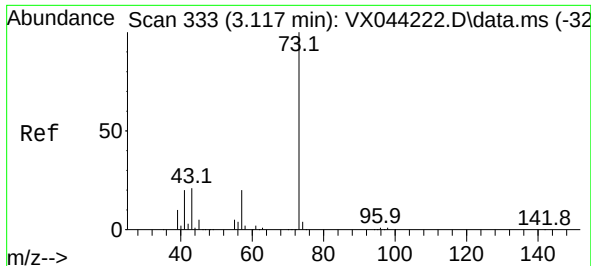
Tgt Ion: 76 Resp: 320036
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 96.338 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 230998
Ion Ratio Lower Upper
43 100
74 23.3 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 99.205 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

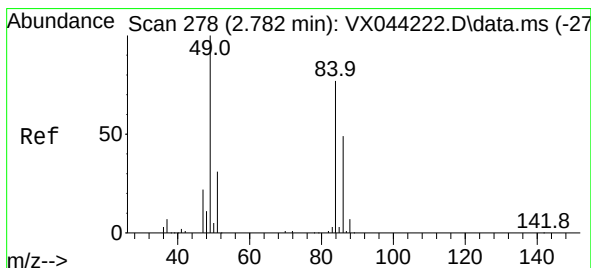
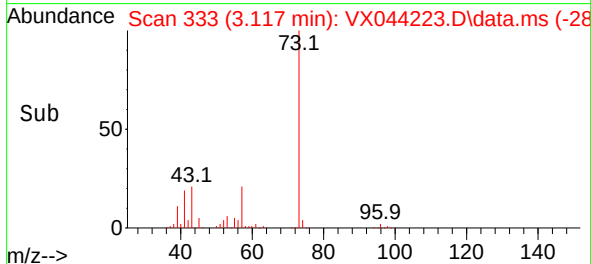
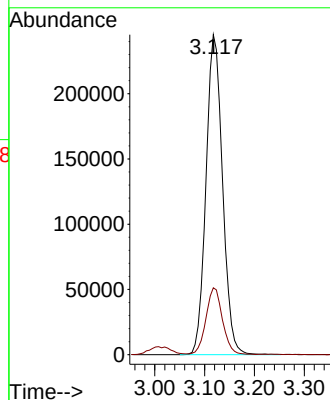
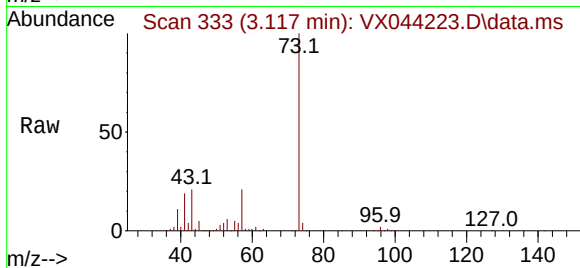
ClientSampleId :

Tgt Ion: 73 Resp: 564545

Ion Ratio Lower Upper

73 100

57 20.8 16.2 24.4



#20

Methylene Chloride

Concen: 96.466 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Tgt Ion: 84 Resp: 168498

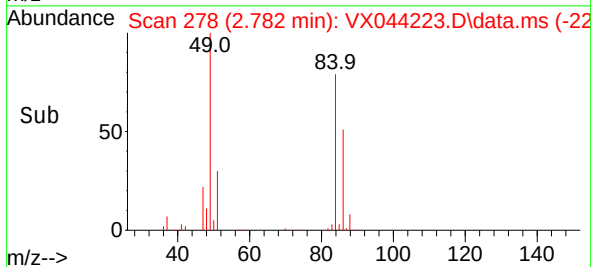
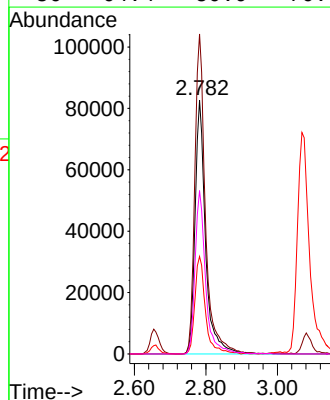
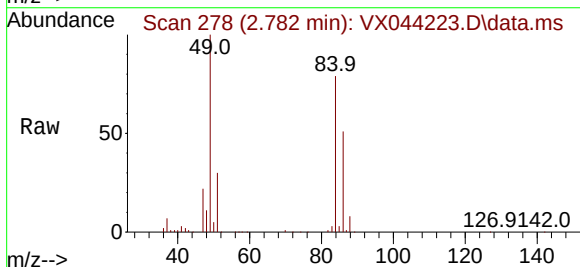
Ion Ratio Lower Upper

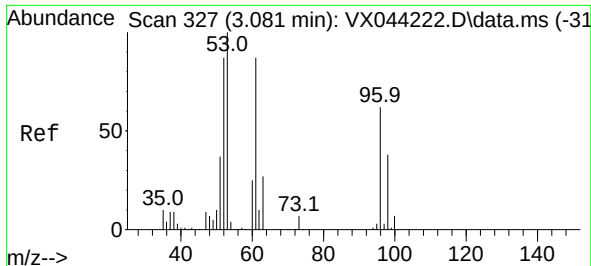
84 100

49 126.1 104.2 156.4

51 38.4 32.2 48.4

86 64.4 50.9 76.3

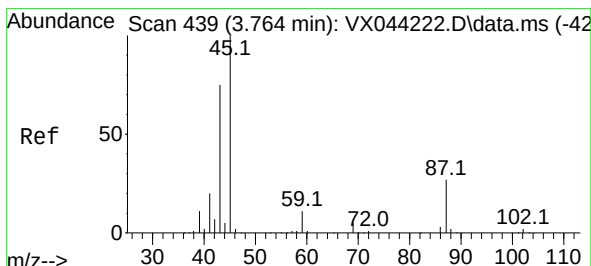
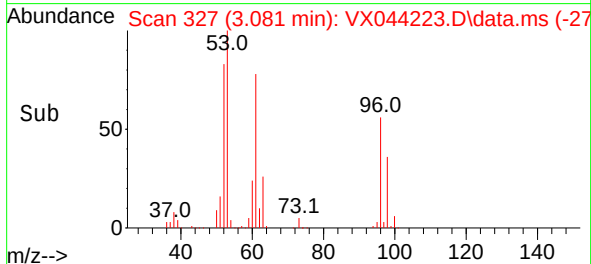
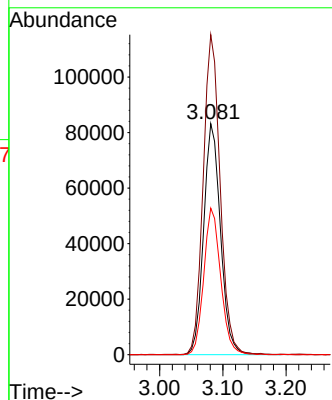
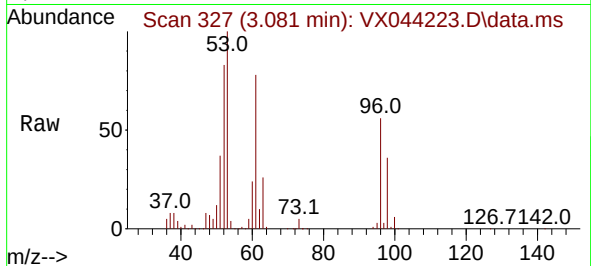




#21
trans-1,2-Dichloroethene
Concen: 99.880 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

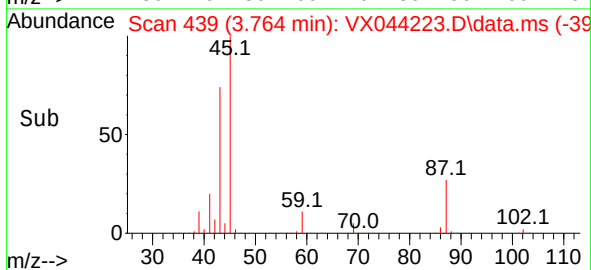
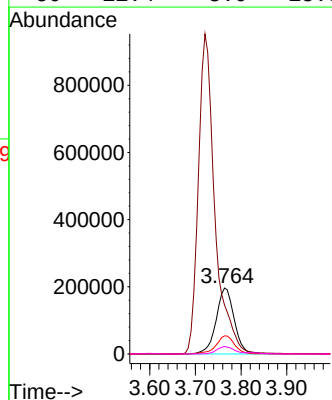
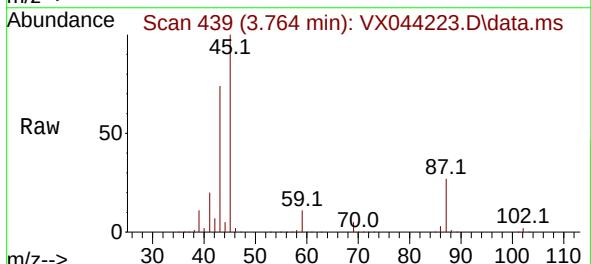
Instrument :
MSVOA_X
ClientSampleId :

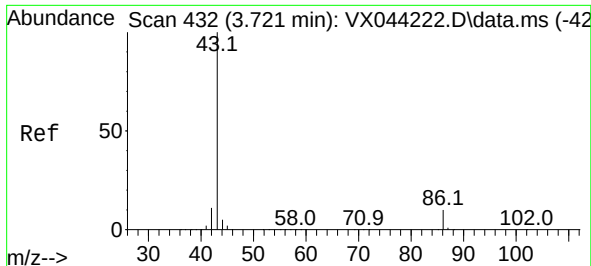
Tgt Ion: 96 Resp: 154797
Ion Ratio Lower Upper
96 100
61 138.4 112.0 168.0
98 63.5 48.8 73.2



#22
Diisopropyl ether
Concen: 98.498 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 45 Resp: 538742
Ion Ratio Lower Upper
45 100
43 74.2 60.2 90.2
87 27.4 21.2 31.8
59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 538.801 ug/l

RT: 3.721 min Scan# 411

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

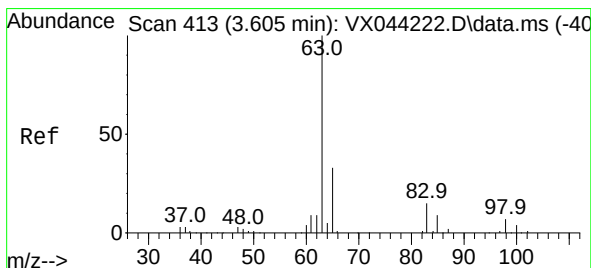
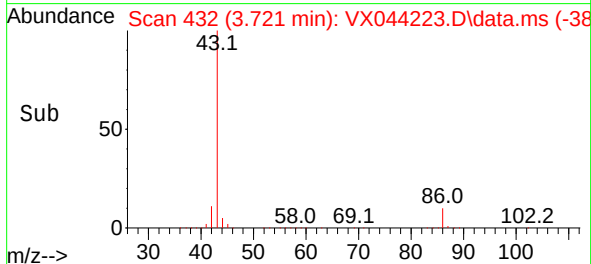
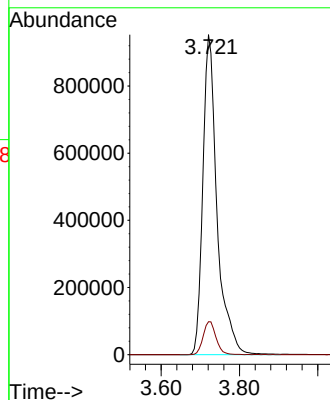
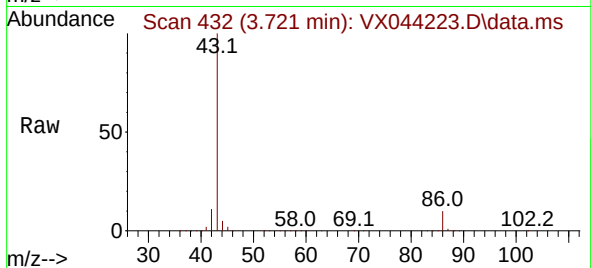
ClientSampleId :

Tgt Ion: 43 Resp: 2395923

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



#24

1,1-Dichloroethane

Concen: 99.915 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

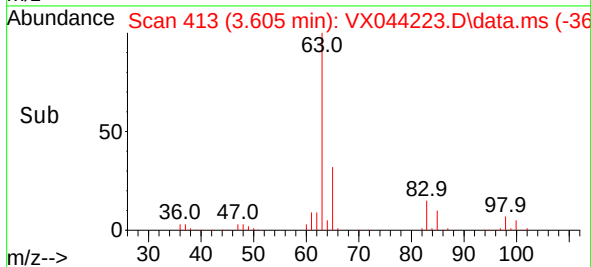
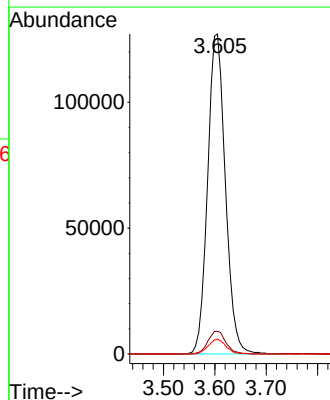
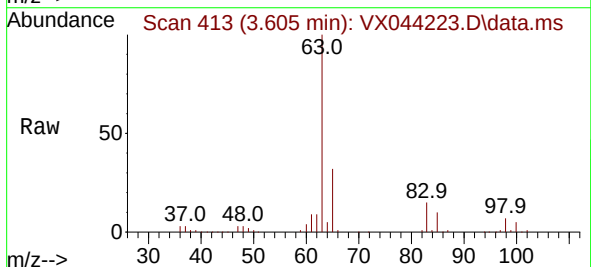
Tgt Ion: 63 Resp: 304626

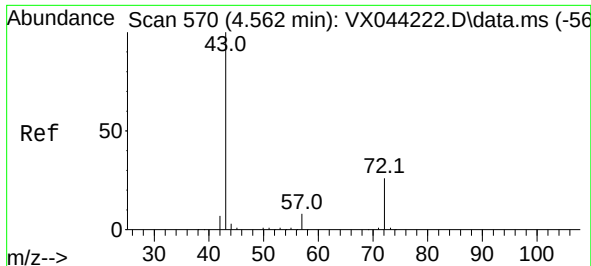
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 501.306 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

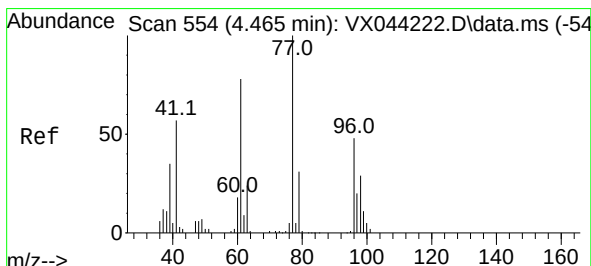
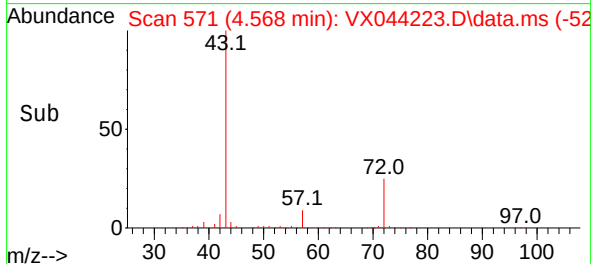
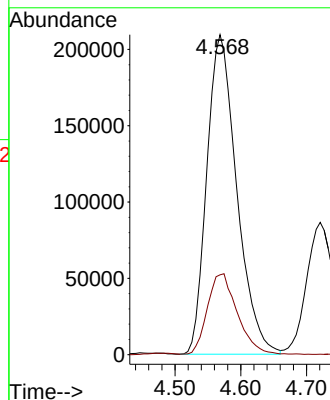
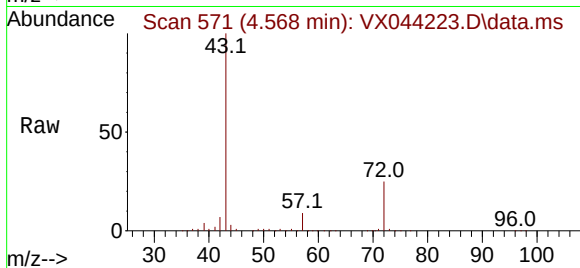
ClientSampleId :

Tgt Ion: 43 Resp: 662768

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 104.201 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX044223.D

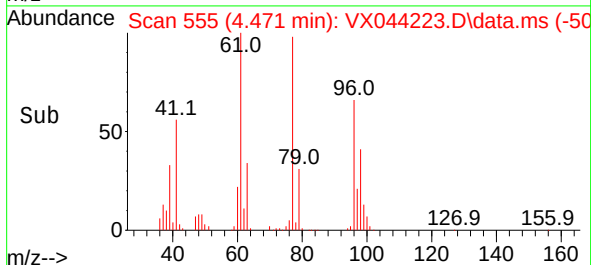
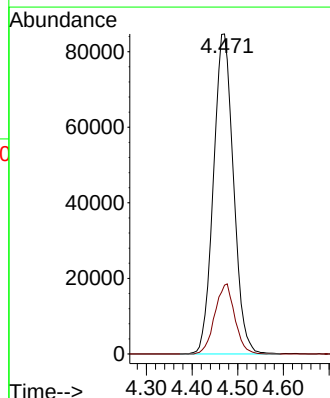
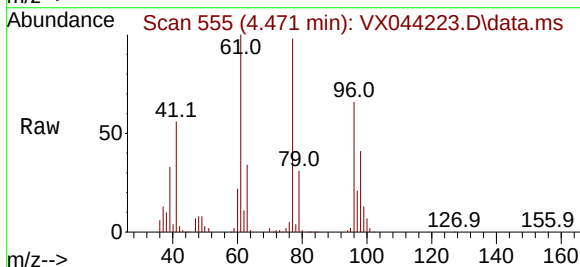
Acq: 11 Dec 2024 12:37

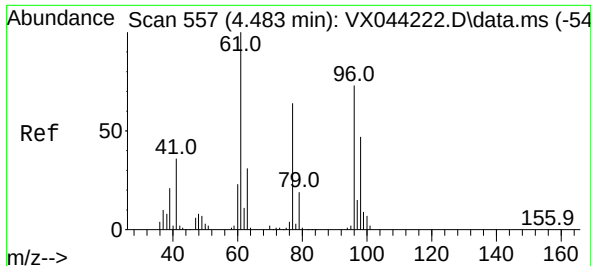
Tgt Ion: 77 Resp: 258092

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 96.593 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

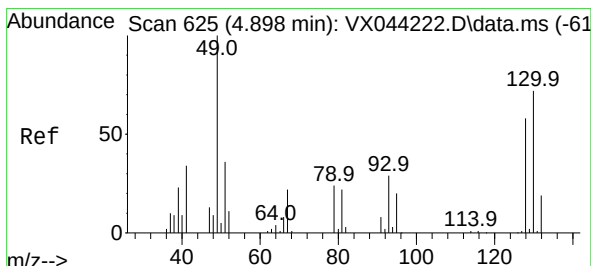
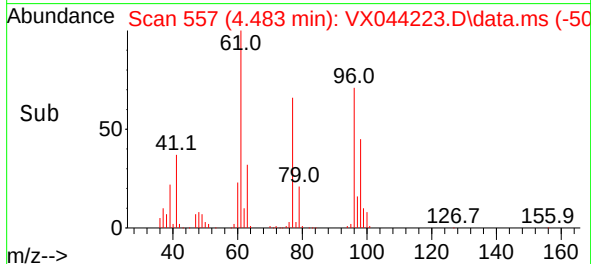
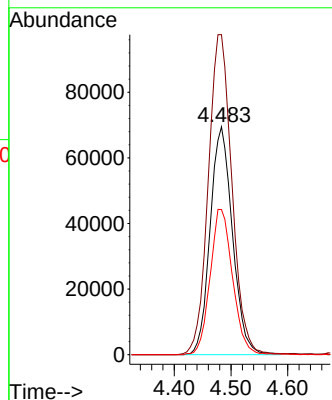
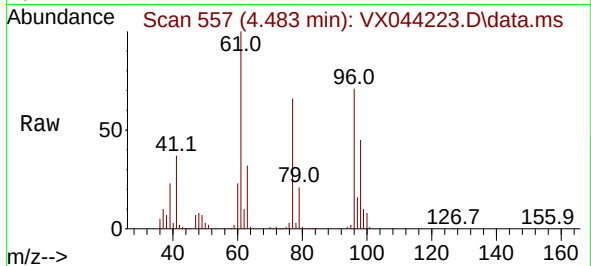
Tgt Ion: 96 Resp: 190127

Ion Ratio Lower Upper

96 100

61 148.5 0.0 299.0

98 64.2 0.0 129.0



#28

Bromochloromethane

Concen: 96.842 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

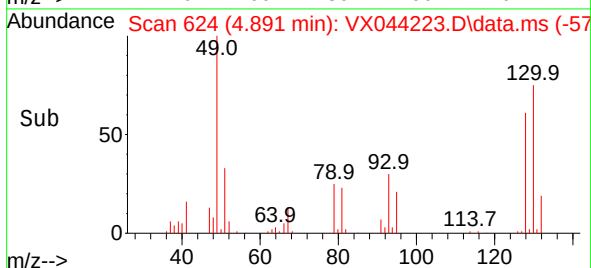
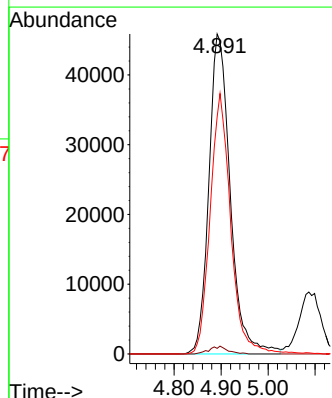
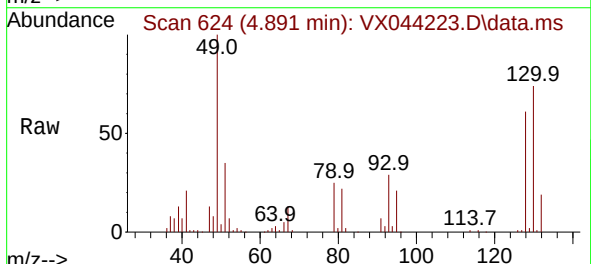
Tgt Ion: 49 Resp: 144783

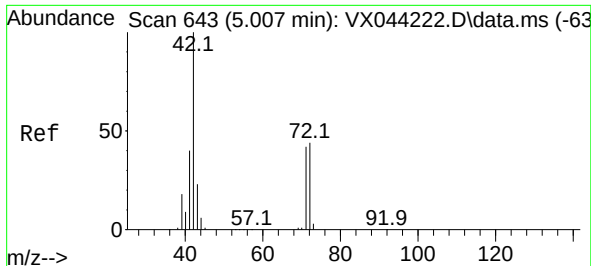
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 78.2 62.1 93.1





#29

Tetrahydrofuran

Concen: 486.290 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

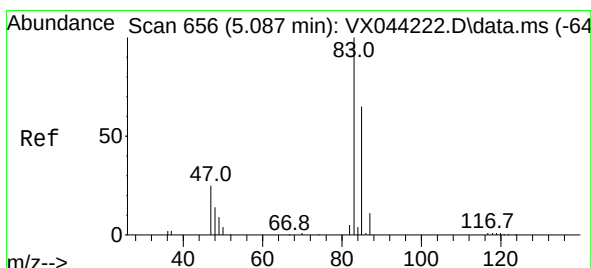
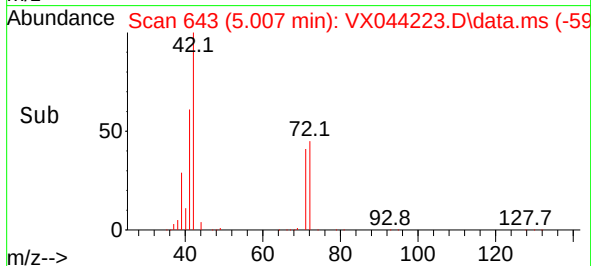
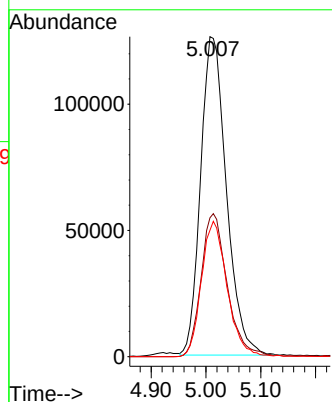
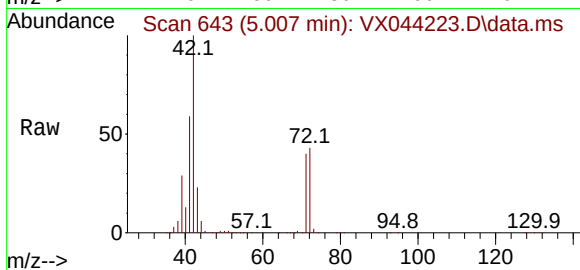
Tgt Ion: 42 Resp: 412666

Ion Ratio Lower Upper

42 100

72 45.6 37.0 55.6

71 42.1 33.6 50.4



#30

Chloroform

Concen: 96.642 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044223.D

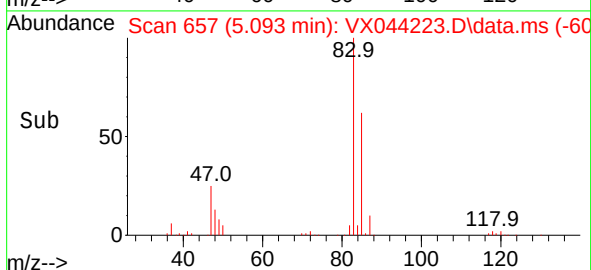
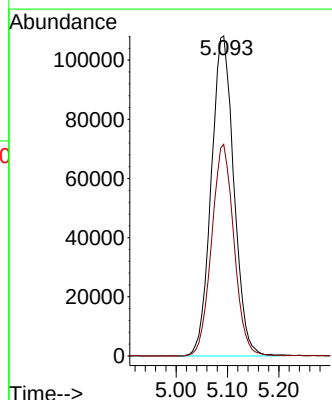
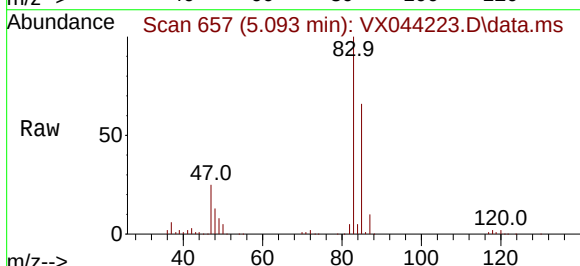
Acq: 11 Dec 2024 12:37

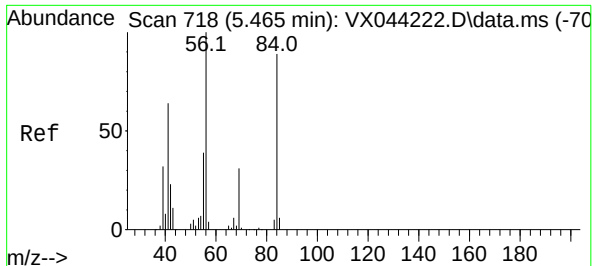
Tgt Ion: 83 Resp: 331047

Ion Ratio Lower Upper

83 100

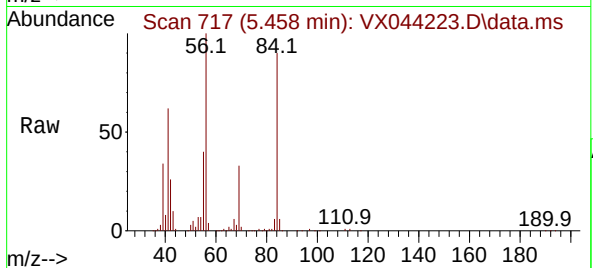
85 66.1 51.6 77.4



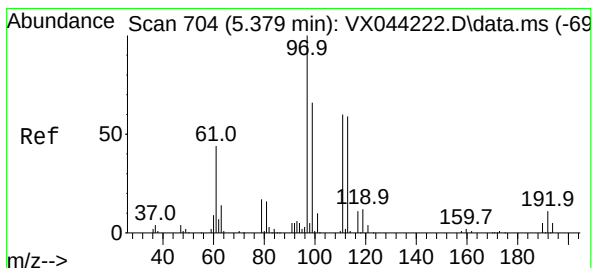
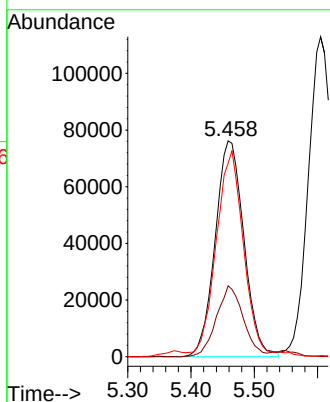
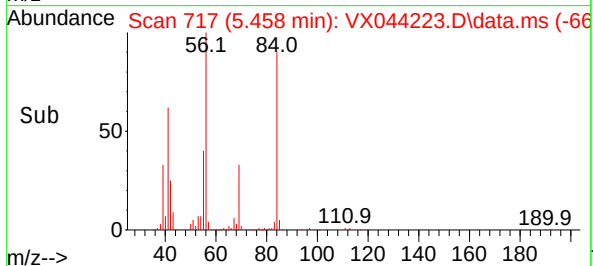


#31
Cyclohexane
Concen: 97.433 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Instrument :
MSVOA_X
ClientSampleId :

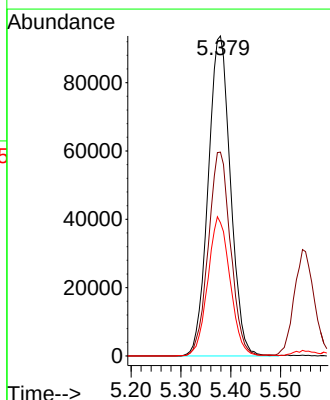
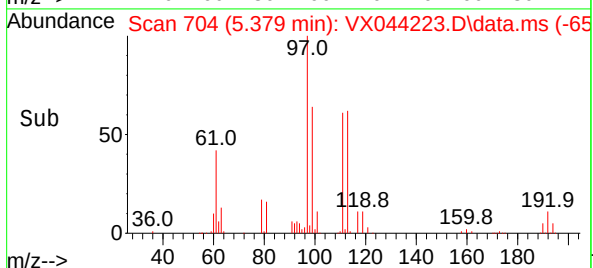
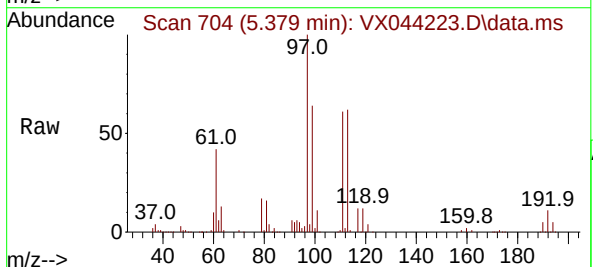


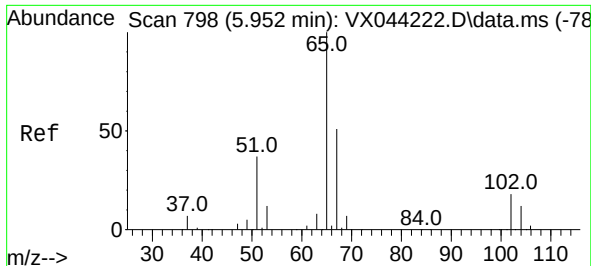
Tgt Ion: 56 Resp: 239879
Ion Ratio Lower Upper
56 100
69 32.8 24.7 37.1
84 87.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 102.363 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 97 Resp: 291065
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 43.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 98.326 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

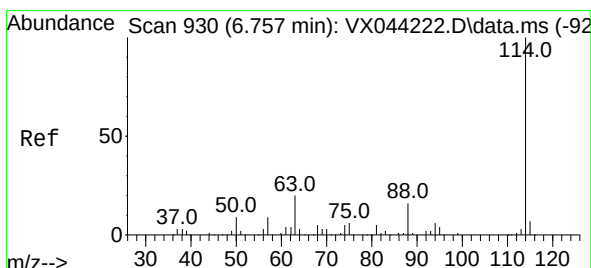
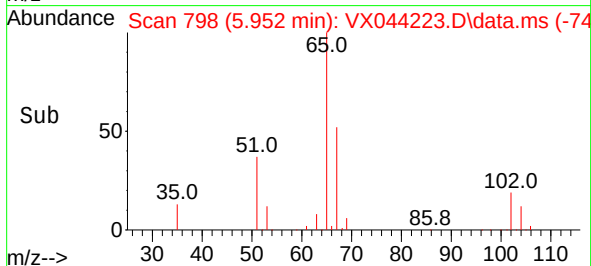
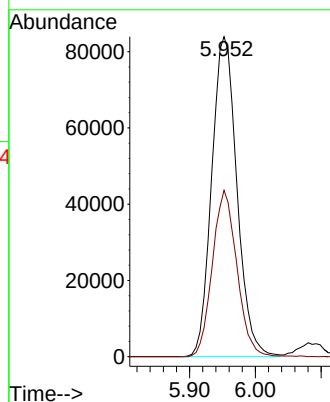
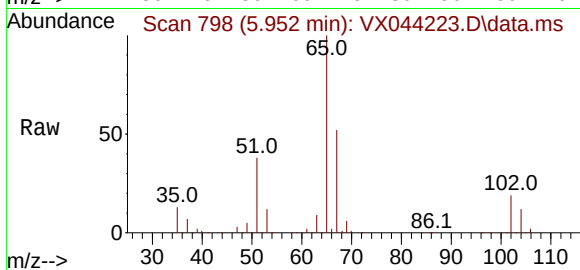
ClientSampleId :

Tgt Ion: 65 Resp: 224292

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

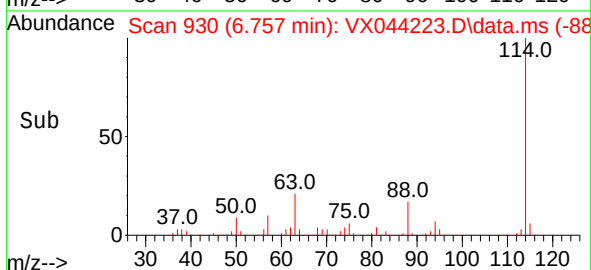
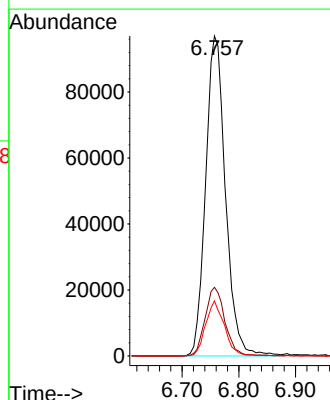
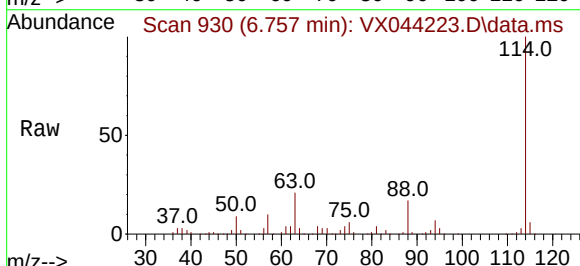
Tgt Ion: 114 Resp: 235738

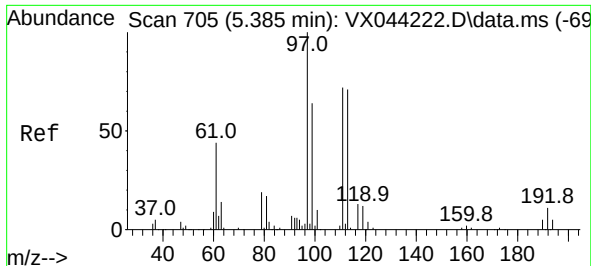
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.6

88 17.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 103.866 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

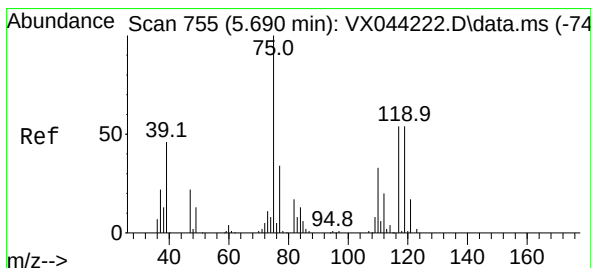
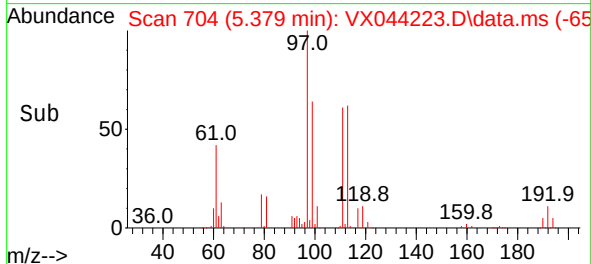
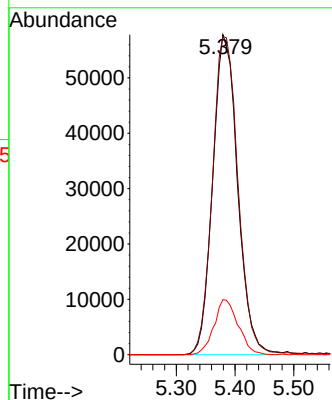
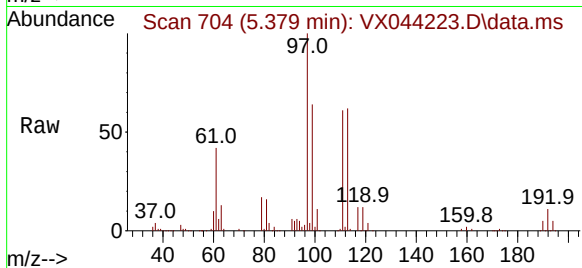
Tgt Ion:113 Resp: 169582

Ion Ratio Lower Upper

113 100

111 102.7 80.4 120.6

192 16.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 99.376 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

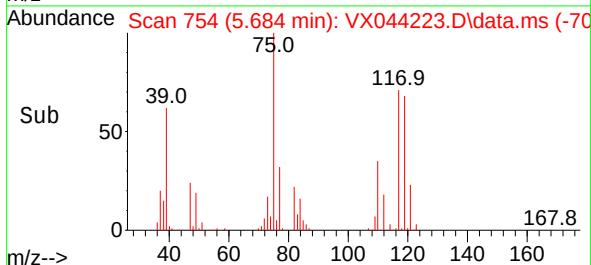
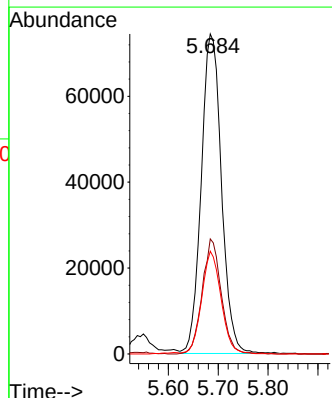
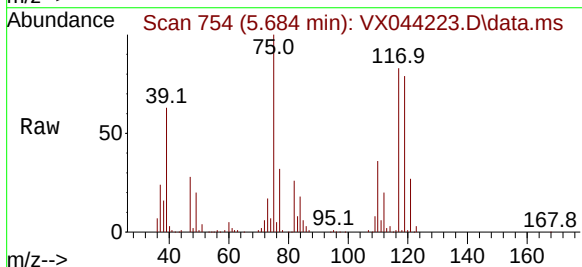
Tgt Ion: 75 Resp: 209732

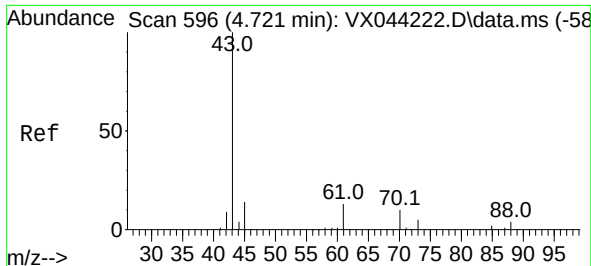
Ion Ratio Lower Upper

75 100

110 33.9 17.3 51.7

77 30.6 25.4 38.0





#37

Ethyl Acetate

Concen: 102.079 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

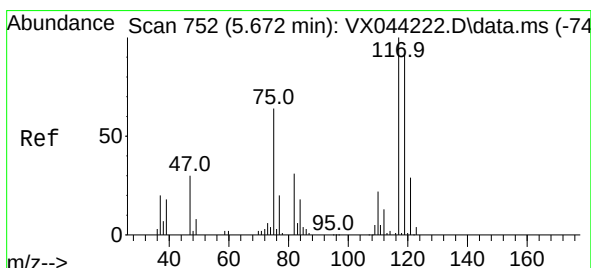
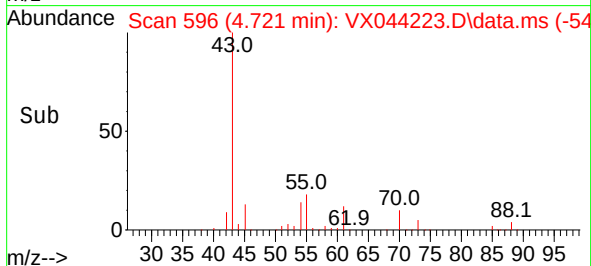
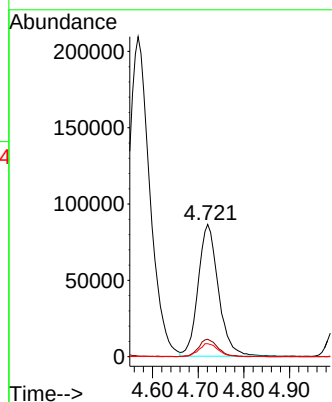
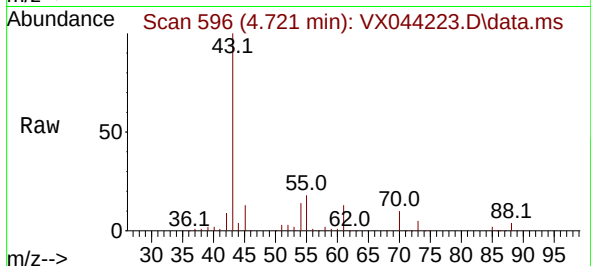
Tgt Ion: 43 Resp: 266307

Ion Ratio Lower Upper

43 100

61 12.5 9.8 14.8

70 9.5 7.7 11.5



#38

Carbon Tetrachloride

Concen: 104.249 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

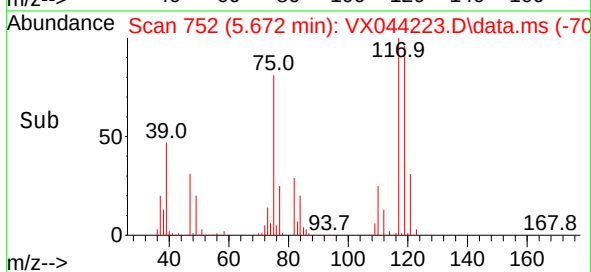
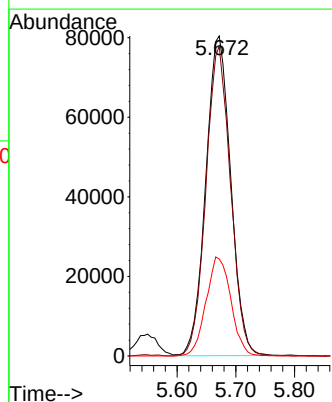
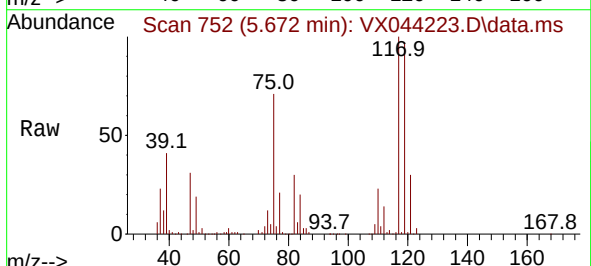
Tgt Ion: 117 Resp: 236869

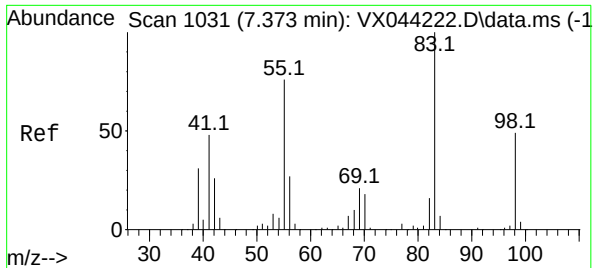
Ion Ratio Lower Upper

117 100

119 96.7 74.2 111.4

121 30.4 23.0 34.6





#39

Methylcyclohexane

Concen: 102.800 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

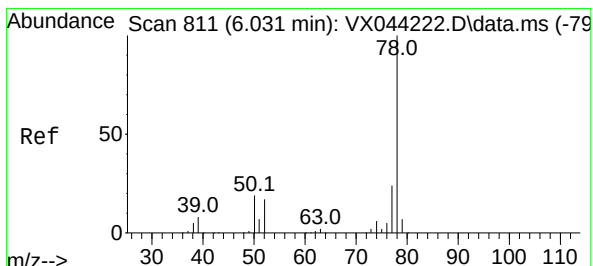
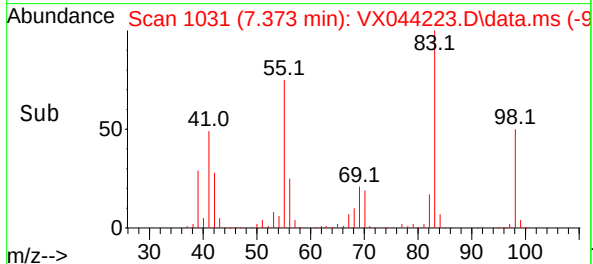
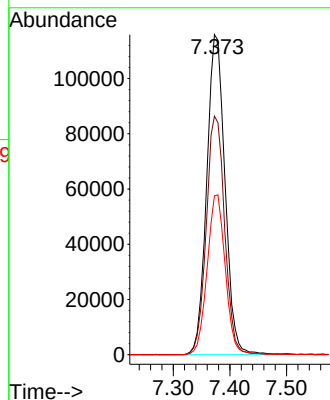
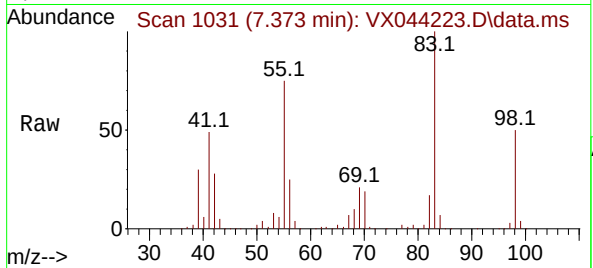
Tgt Ion: 83 Resp: 259368

Ion Ratio Lower Upper

83 100

55 74.5 60.7 91.1

98 49.6 38.9 58.3



#40

Benzene

Concen: 99.575 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044223.D

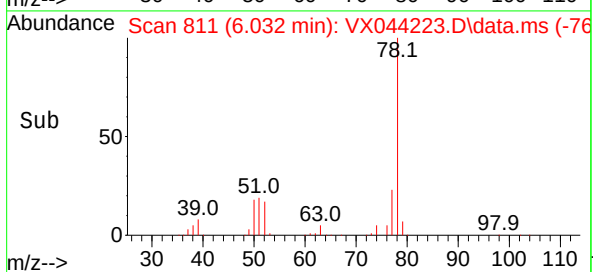
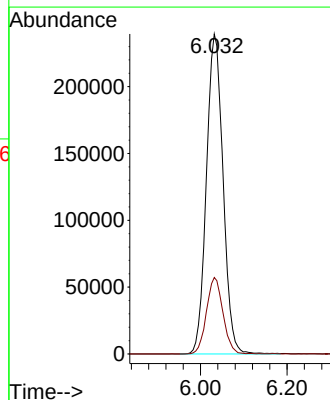
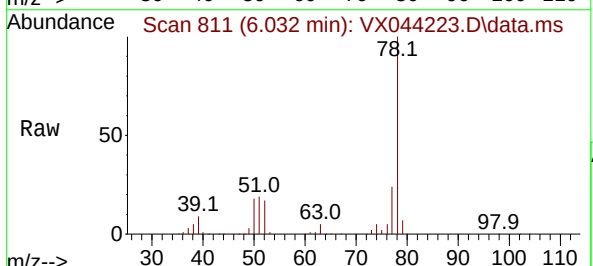
Acq: 11 Dec 2024 12:37

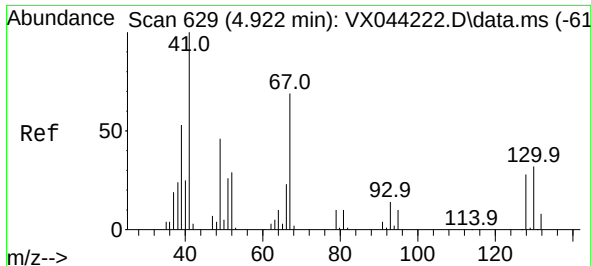
Tgt Ion: 78 Resp: 638055

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

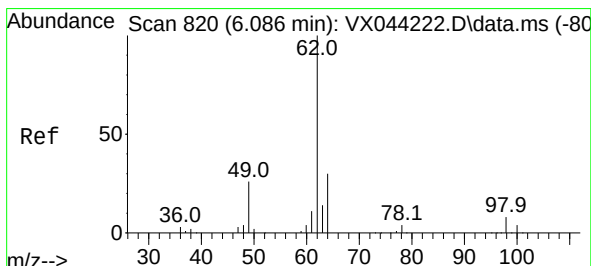
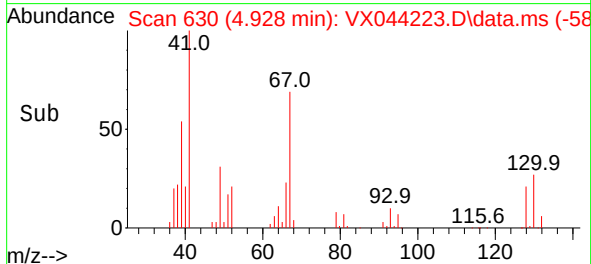
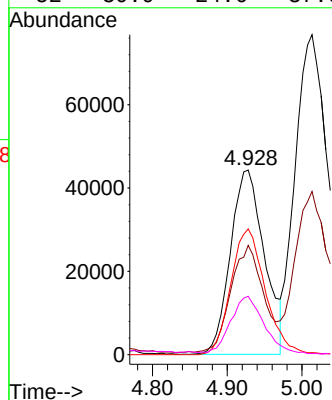
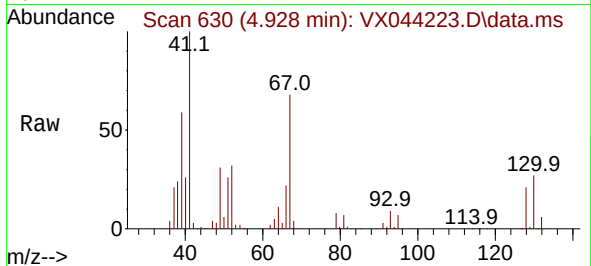




#41
Methacrylonitrile
Concen: 101.332 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

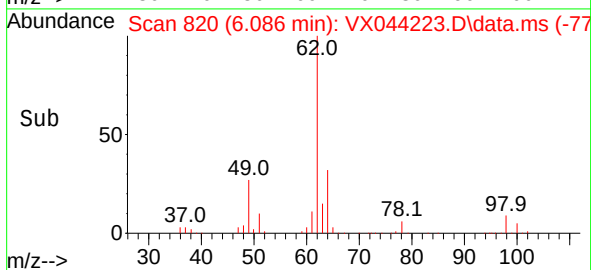
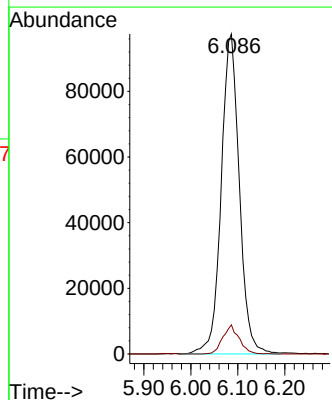
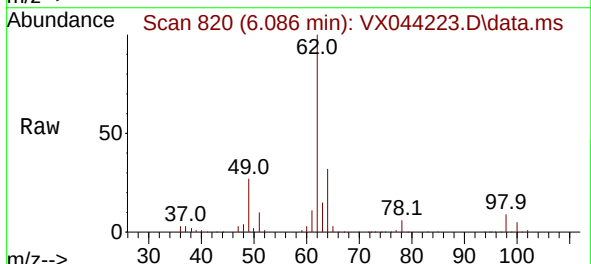
Instrument :
MSVOA_X
ClientSampleId :

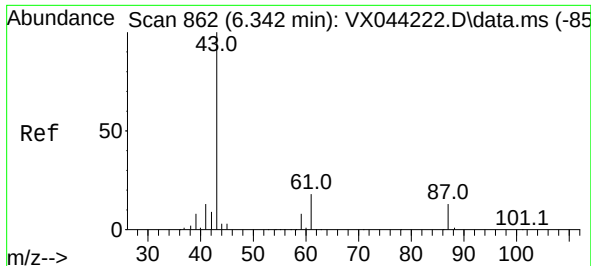
Tgt Ion: 41 Resp: 140375
Ion Ratio Lower Upper
41 100
39 55.0 44.2 66.4
67 69.1 57.2 85.8
52 30.9 24.6 37.0



#42
1,2-Dichloroethane
Concen: 99.255 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 62 Resp: 261991
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8





#43

Isopropyl Acetate

Concen: 104.939 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

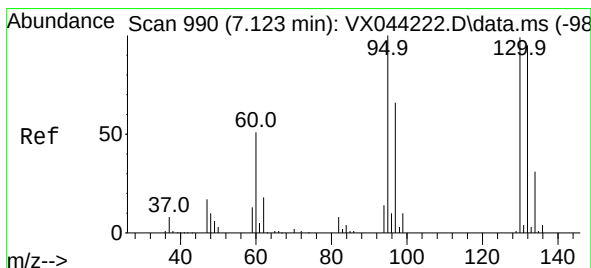
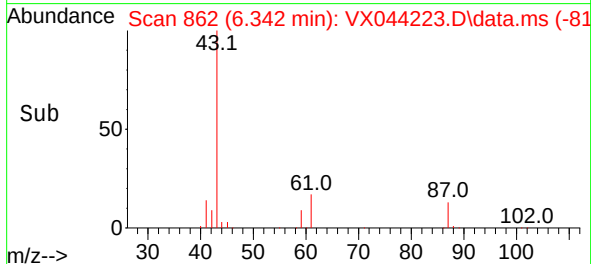
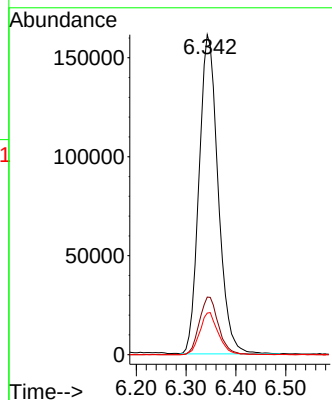
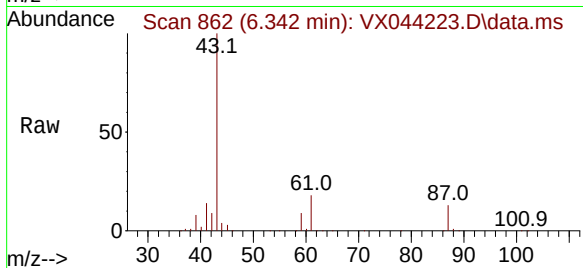
Tgt Ion: 43 Resp: 427893

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.2

87 12.8 10.2 15.2



#44

Trichloroethene

Concen: 99.497 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX044223.D

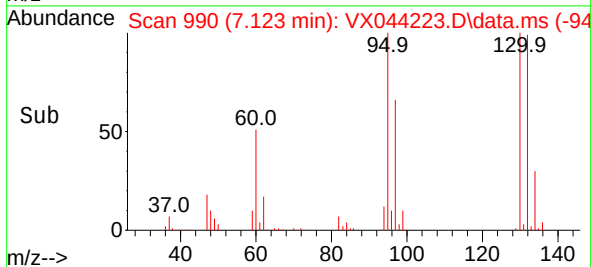
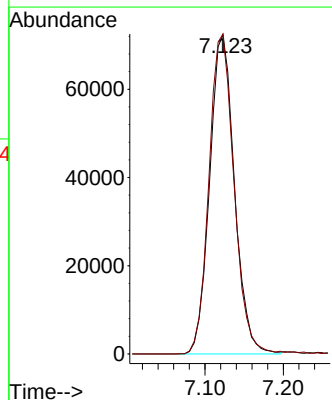
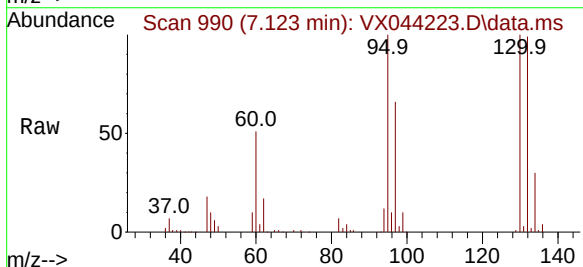
Acq: 11 Dec 2024 12:37

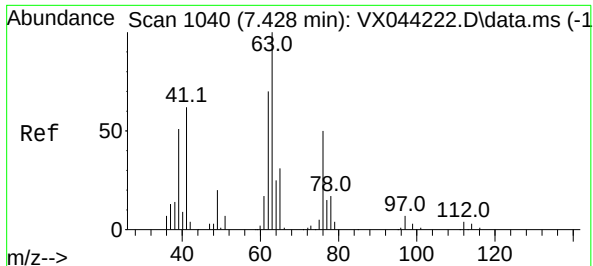
Tgt Ion:130 Resp: 158990

Ion Ratio Lower Upper

130 100

95 100.2 0.0 201.4





#45

1,2-Dichloropropane

Concen: 98.293 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

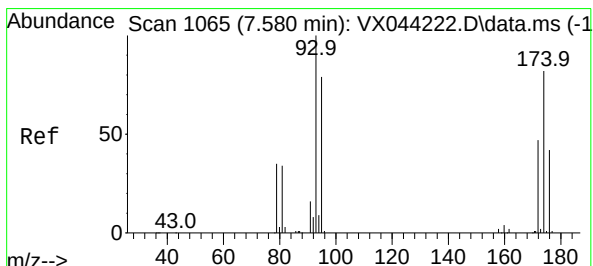
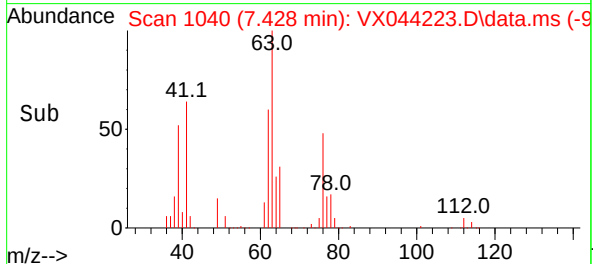
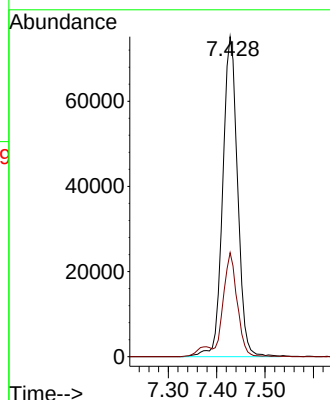
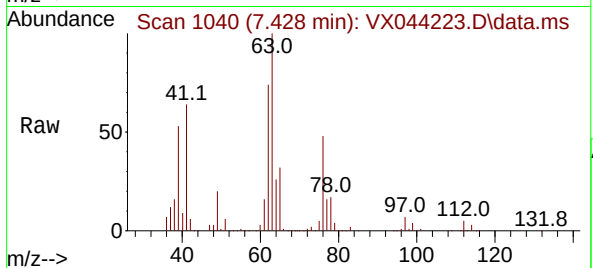
ClientSampleId :

Tgt Ion: 63 Resp: 160913

Ion Ratio Lower Upper

63 100

65 32.5 24.6 37.0



#46

Dibromomethane

Concen: 102.607 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

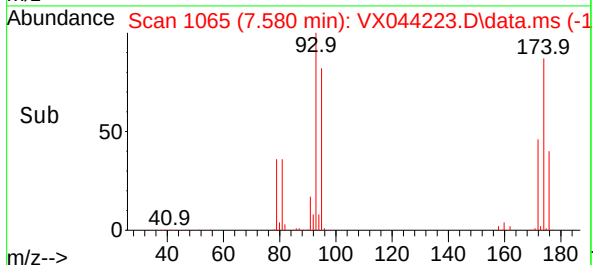
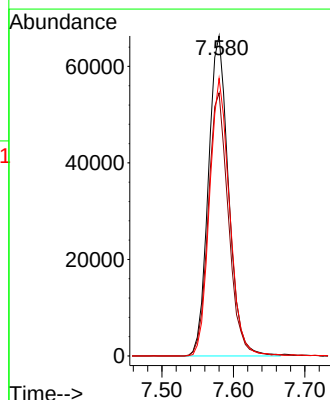
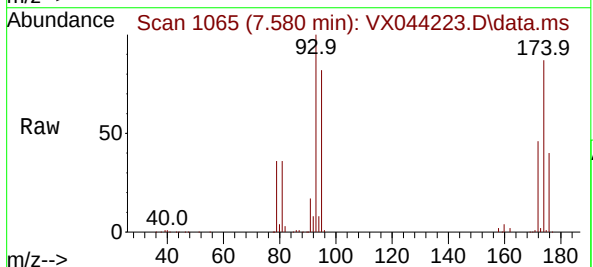
Tgt Ion: 93 Resp: 130316

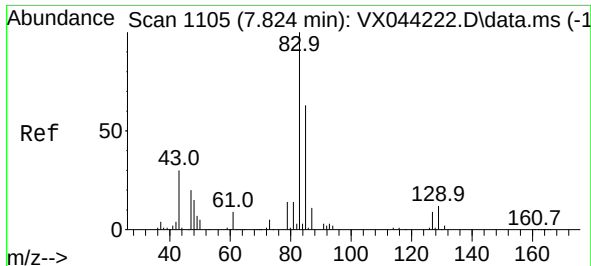
Ion Ratio Lower Upper

93 100

95 82.2 65.4 98.2

174 86.1 67.9 101.9

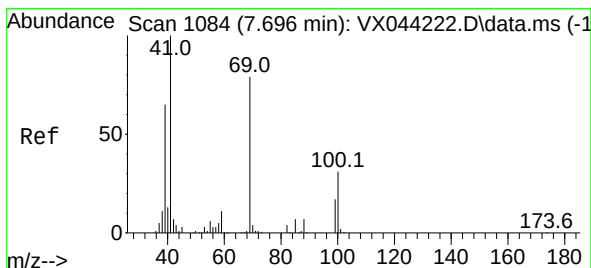
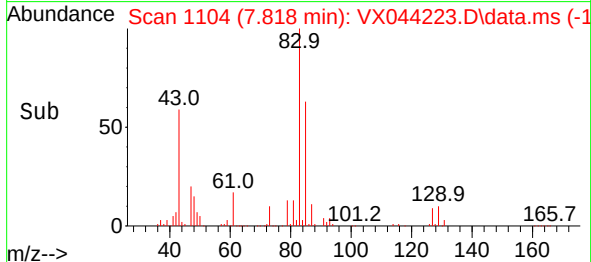
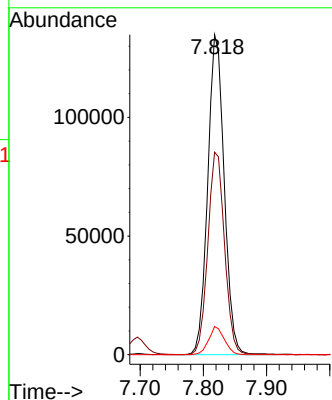
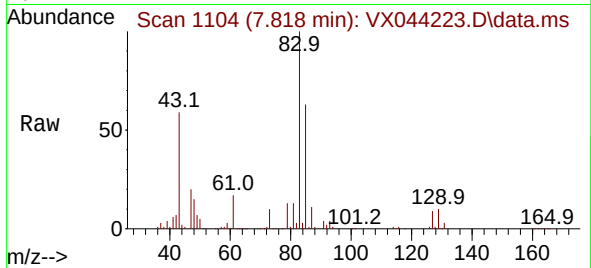




#47
Bromodichloromethane
Concen: 111.423 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

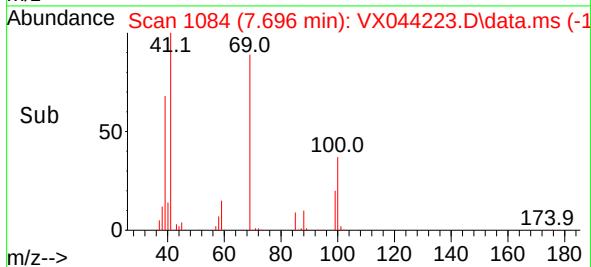
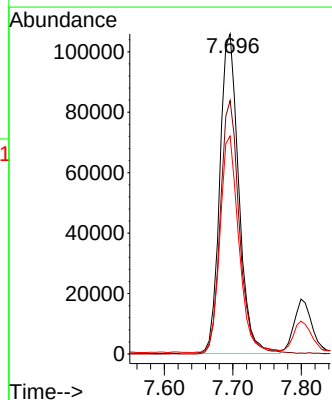
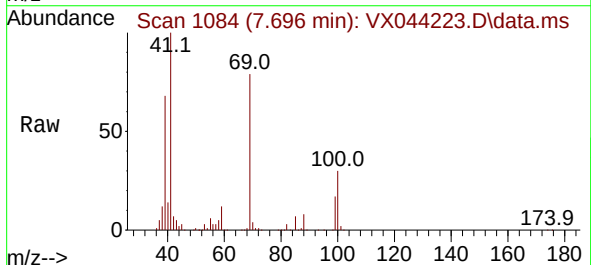
Instrument :
MSVOA_X
ClientSampleId :

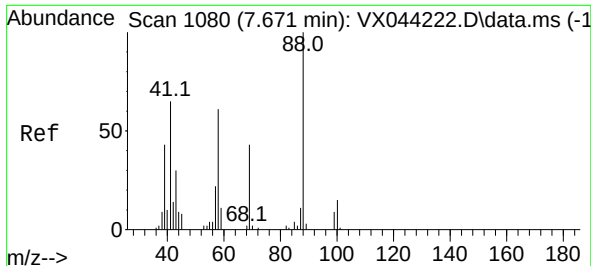
Tgt Ion: 83 Resp: 244401
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 102.618 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 41 Resp: 203116
Ion Ratio Lower Upper
41 100
69 79.5 62.4 93.6
39 67.4 53.3 79.9





#49

1,4-Dioxane

Concen: 1830.521 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

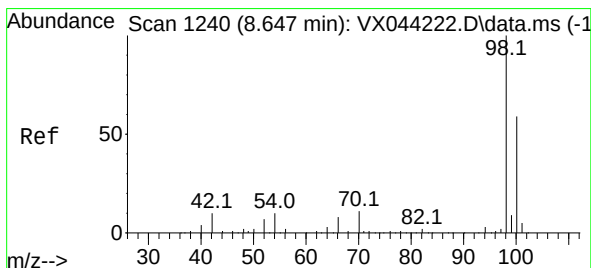
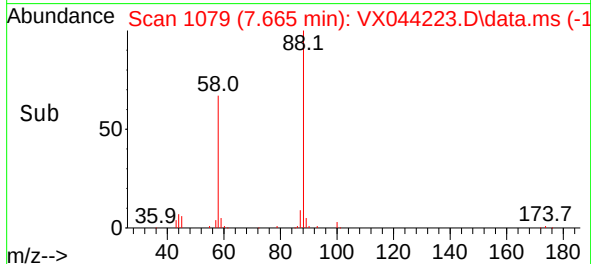
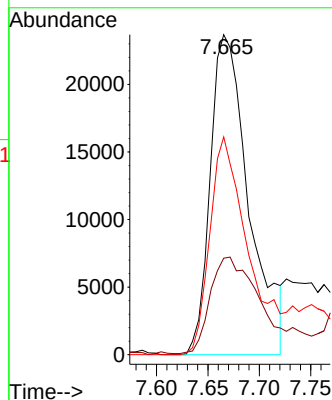
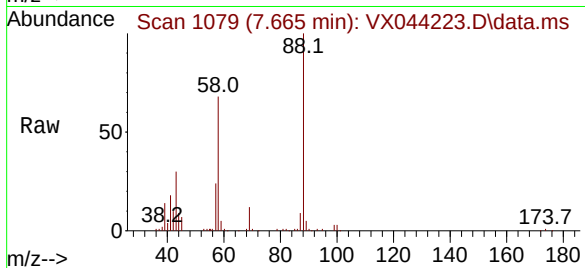
Tgt Ion: 88 Resp: 61921

Ion Ratio Lower Upper

88 100

43 41.4 27.1 40.7#

58 68.6 41.0 61.4#



#50

Toluene-d8

Concen: 105.201 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044223.D

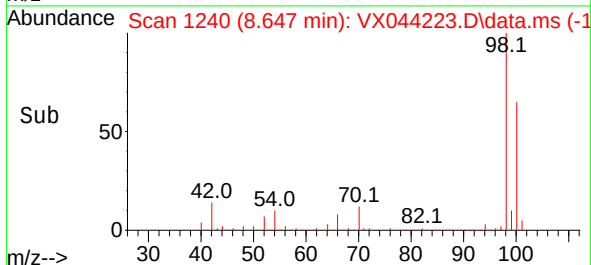
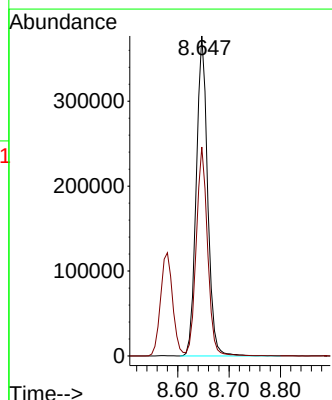
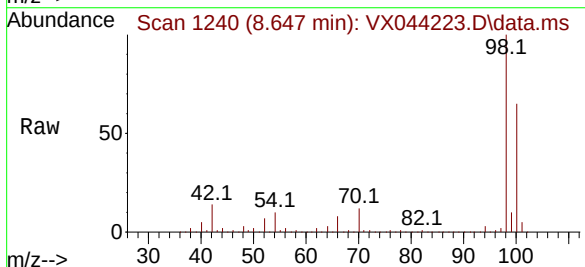
Acq: 11 Dec 2024 12:37

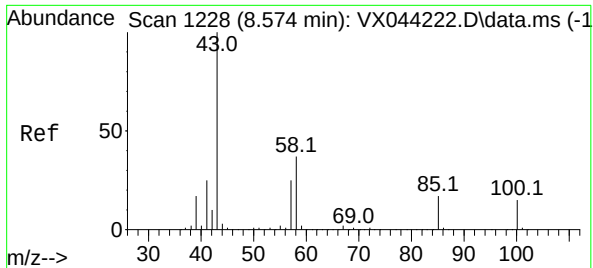
Tgt Ion: 98 Resp: 579477

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3

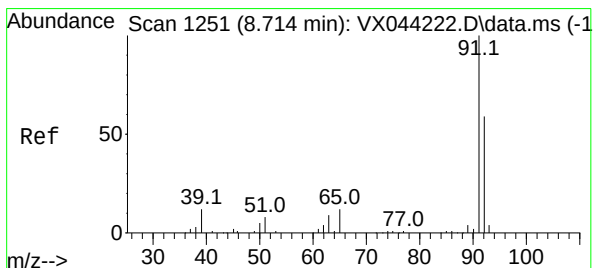
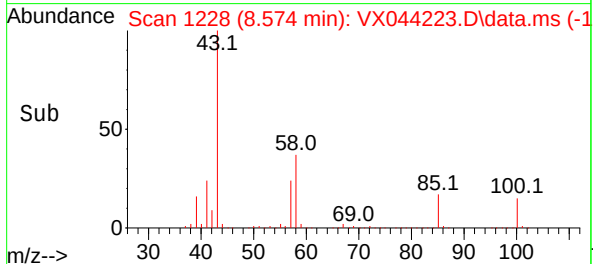
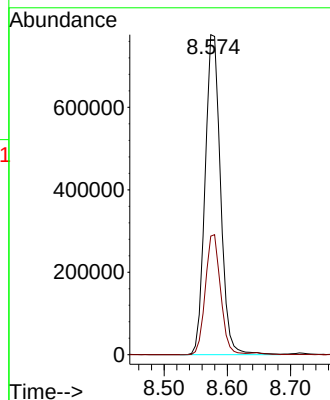
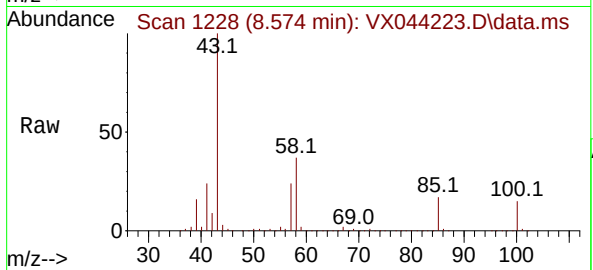




#51
4-Methyl-2-Pentanone
Concen: 504.496 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

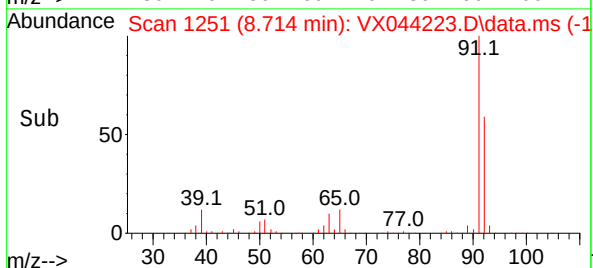
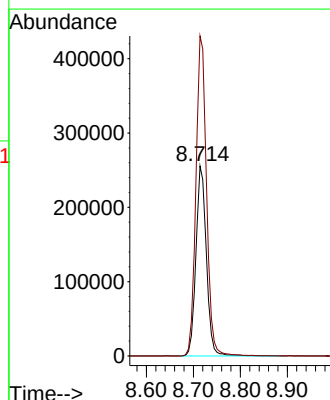
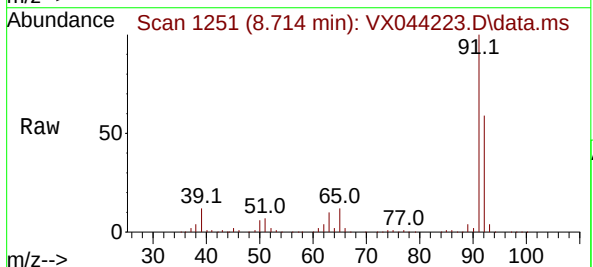
Instrument :
MSVOA_X
ClientSampleId :

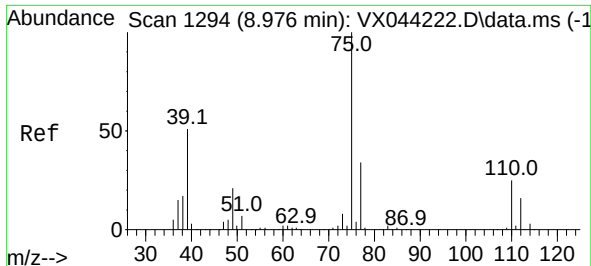
Tgt Ion: 43 Resp: 1322678
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0



#52
Toluene
Concen: 98.506 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 92 Resp: 396383
Ion Ratio Lower Upper
92 100
91 171.4 137.0 205.6

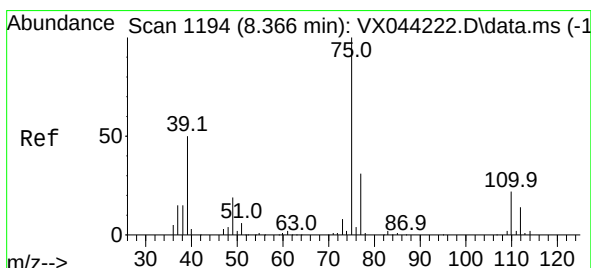
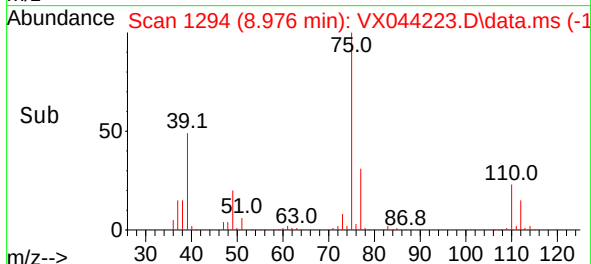
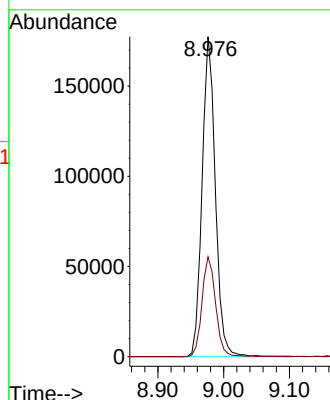
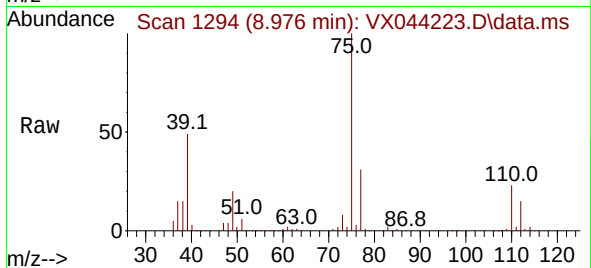




#53
t-1,3-Dichloropropene
Concen: 99.321 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

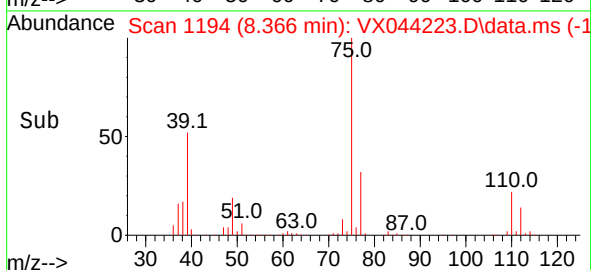
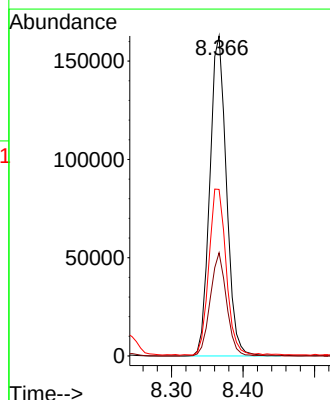
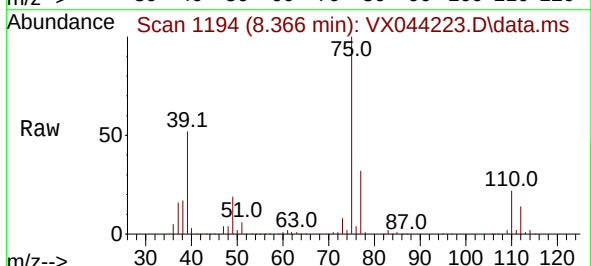
Instrument :
MSVOA_X
ClientSampleId :

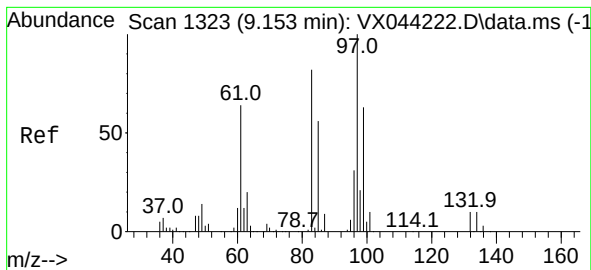
Tgt Ion: 75 Resp: 248092
Ion Ratio Lower Upper
75 100
77 31.2 27.2 40.8



#54
cis-1,3-Dichloropropene
Concen: 110.127 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 263014
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 51.8 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 98.441 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 157366

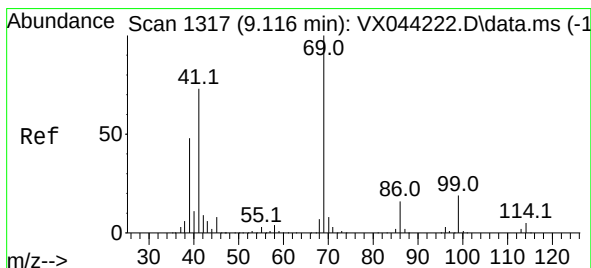
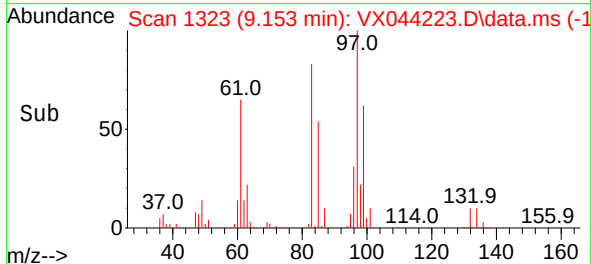
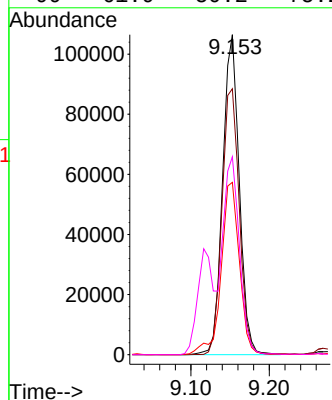
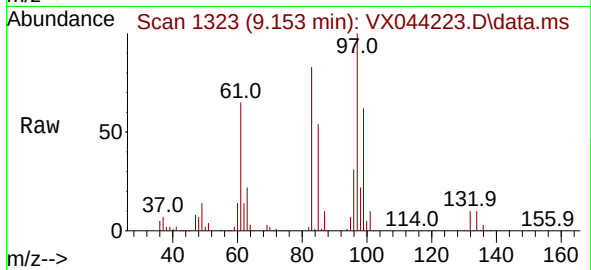
Ion Ratio Lower Upper

97 100

83 83.1 65.3 97.9

85 53.8 44.6 67.0

99 61.9 50.2 75.2



#56

Ethyl methacrylate

Concen: 107.442 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

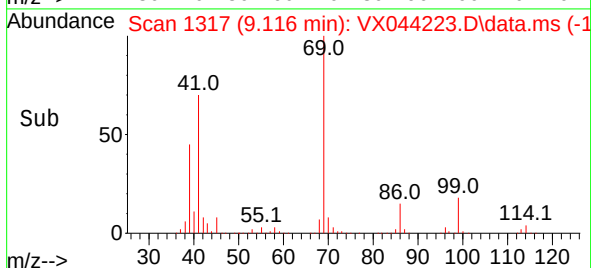
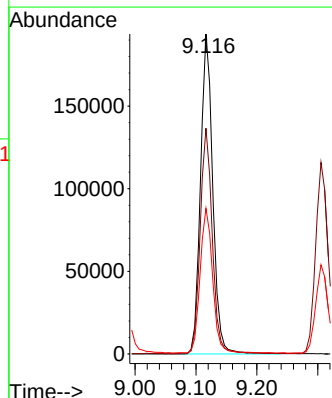
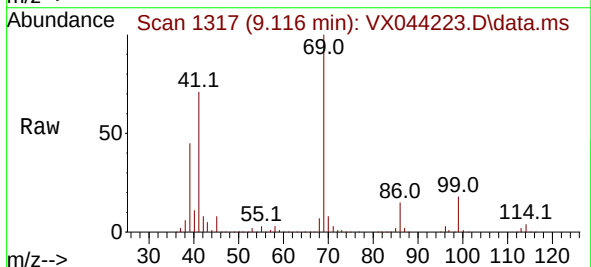
Tgt Ion: 69 Resp: 271146

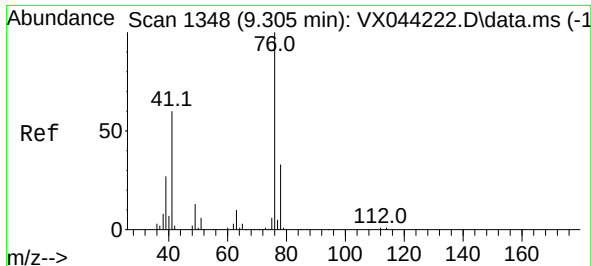
Ion Ratio Lower Upper

69 100

41 69.4 56.6 85.0

39 46.1 37.4 56.0

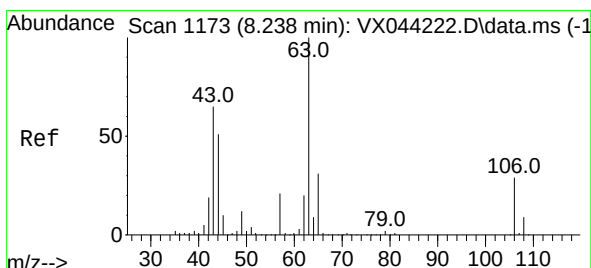
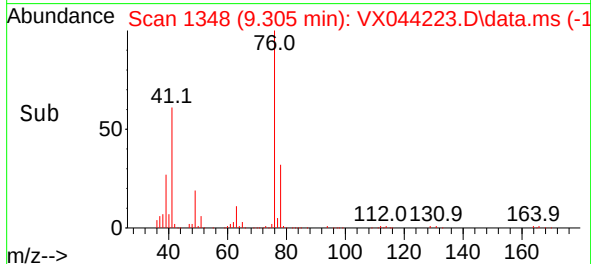
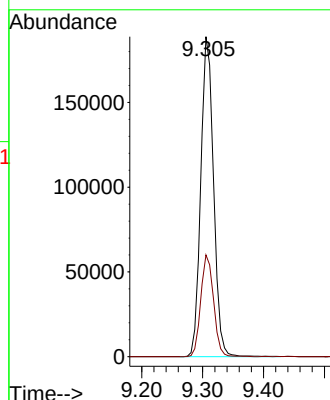
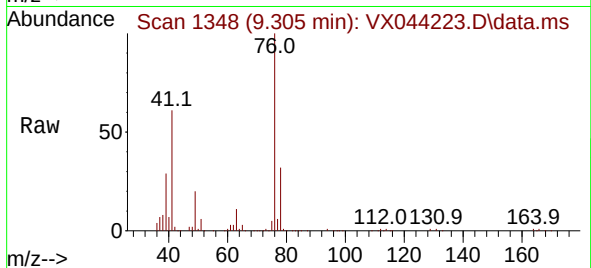




#57
1,3-Dichloropropane
Concen: 98.704 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

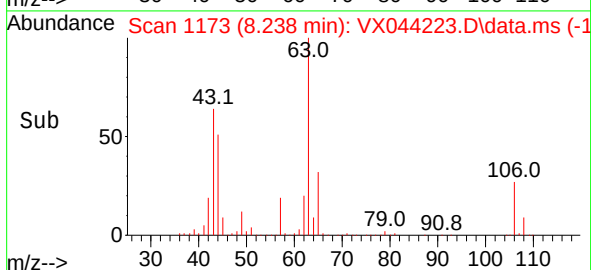
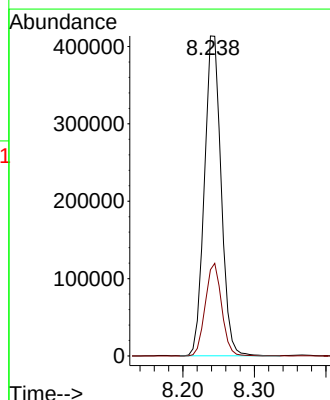
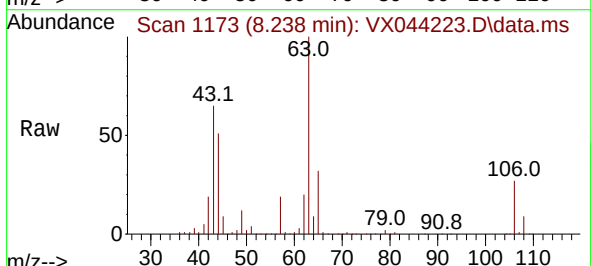
Instrument :
MSVOA_X
ClientSampleId :

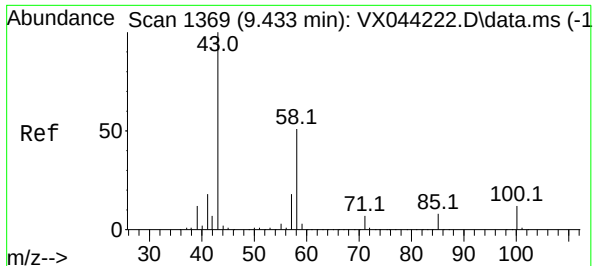
Tgt Ion: 76 Resp: 274642
Ion Ratio Lower Upper
76 100
78 31.9 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 527.342 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 63 Resp: 671233
Ion Ratio Lower Upper
63 100
106 28.4 22.8 34.2

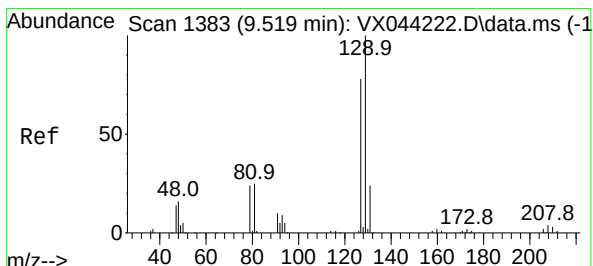
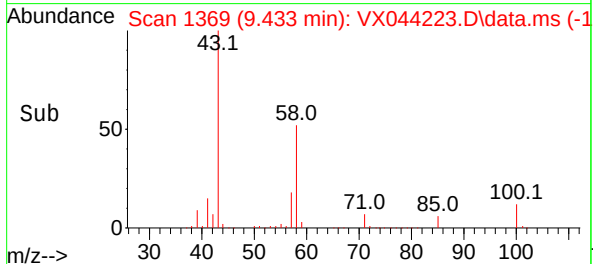
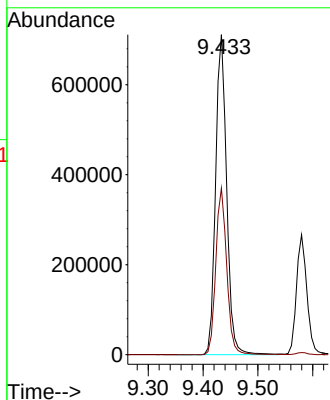
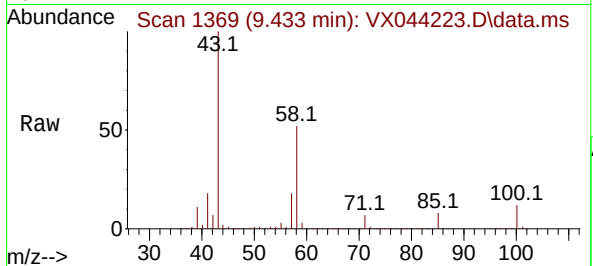




#59
2-Hexanone
Concen: 521.401 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

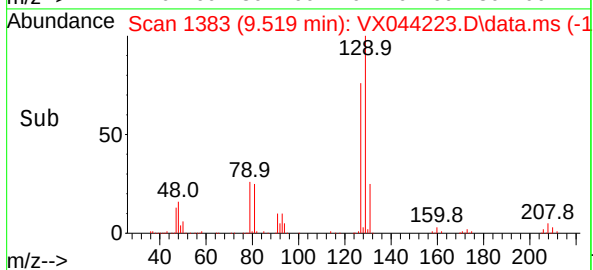
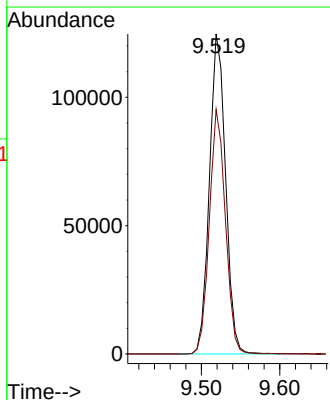
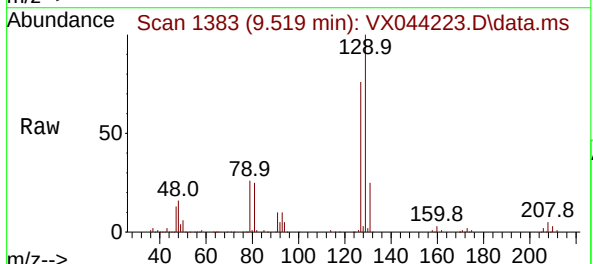
Instrument :
MSVOA_X
ClientSampleId :

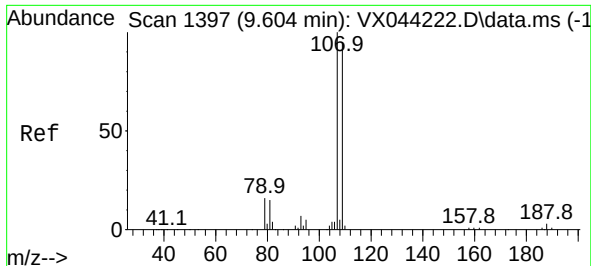
Tgt Ion: 43 Resp: 989466
Ion Ratio Lower Upper
43 100
58 51.9 25.7 77.0



#60
Dibromochloromethane
Concen: 99.480 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:129 Resp: 178135
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 105.371 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

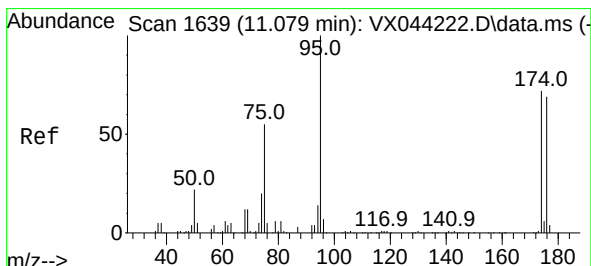
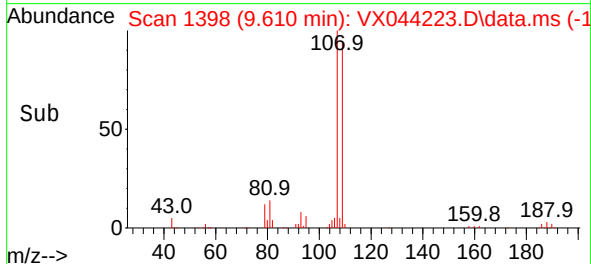
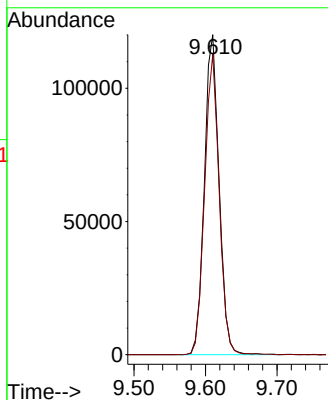
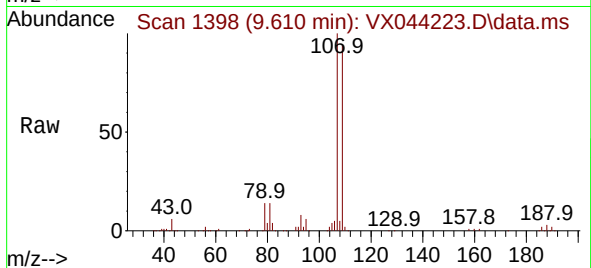
ClientSampleId :

Tgt Ion:107 Resp: 171458

Ion Ratio Lower Upper

107 100

109 93.1 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 105.830 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

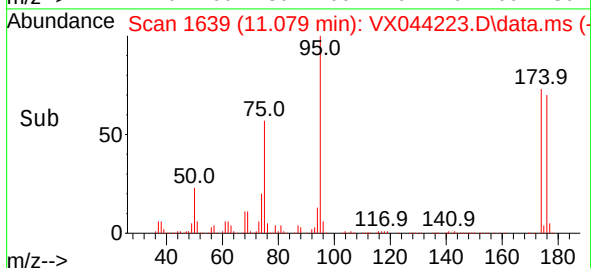
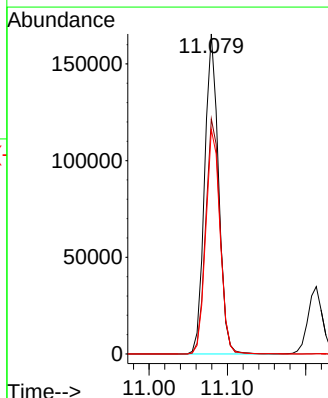
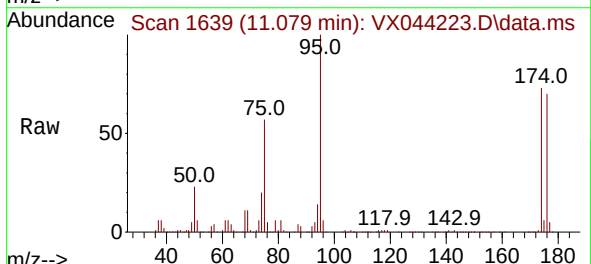
Tgt Ion: 95 Resp: 203694

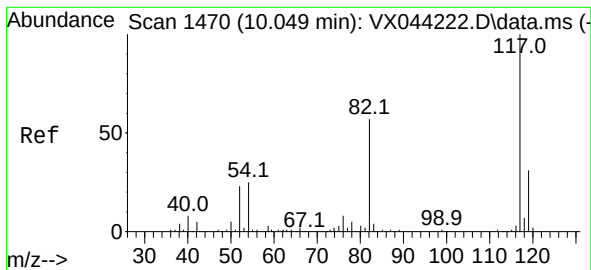
Ion Ratio Lower Upper

95 100

174 76.0 0.0 145.8

176 72.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

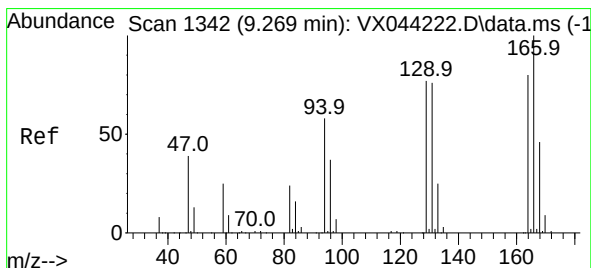
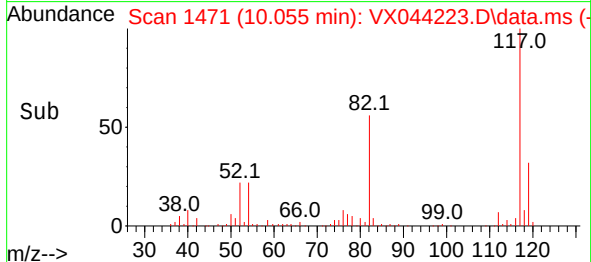
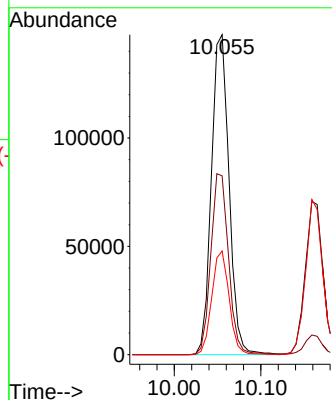
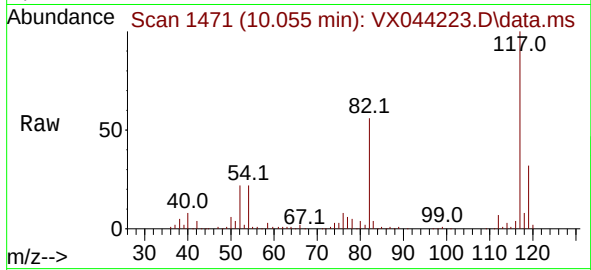
Tgt Ion:117 Resp: 209164

Ion Ratio Lower Upper

117 100

82 55.9 45.8 68.8

119 32.4 25.0 37.4



#64

Tetrachloroethene

Concen: 94.131 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Tgt Ion:164 Resp: 130678

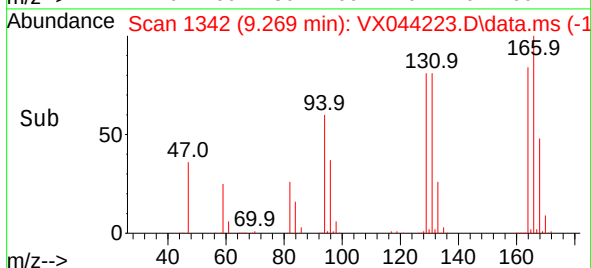
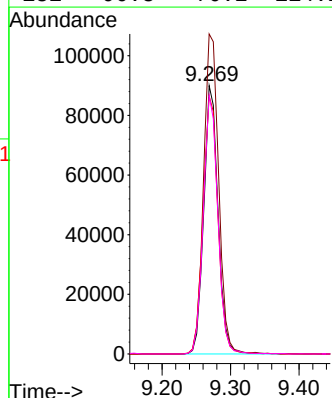
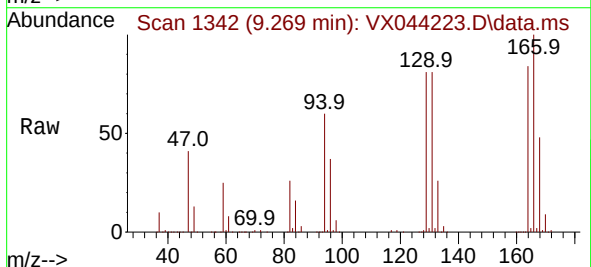
Ion Ratio Lower Upper

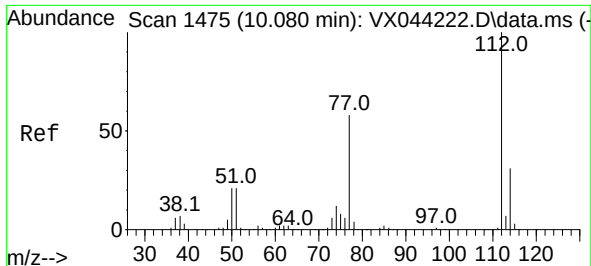
164 100

166 119.2 100.4 150.6

129 96.1 77.2 115.8

131 96.3 76.2 114.2

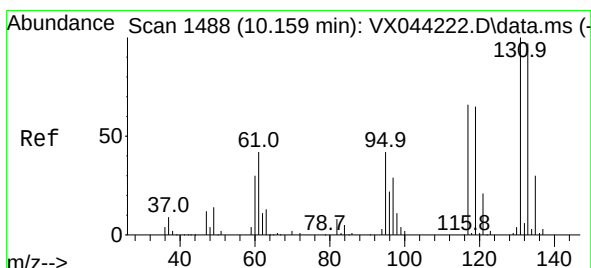
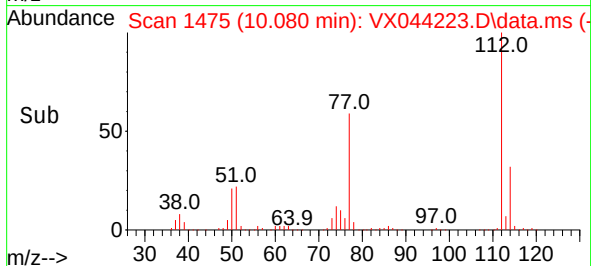
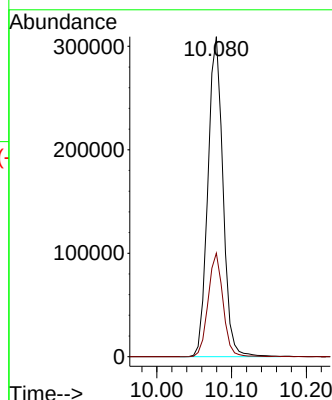
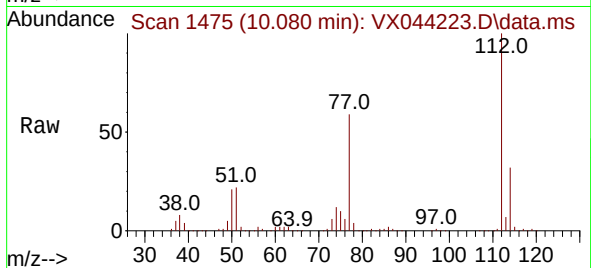




#65
Chlorobenzene
Concen: 96.650 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

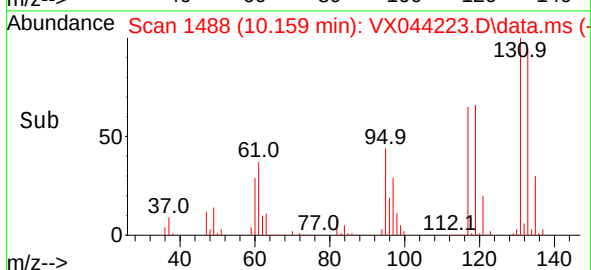
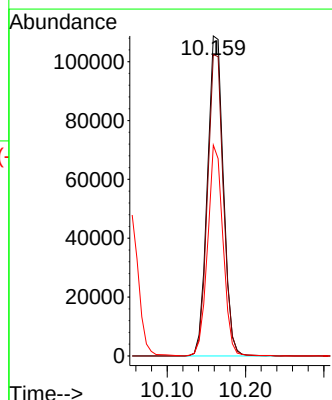
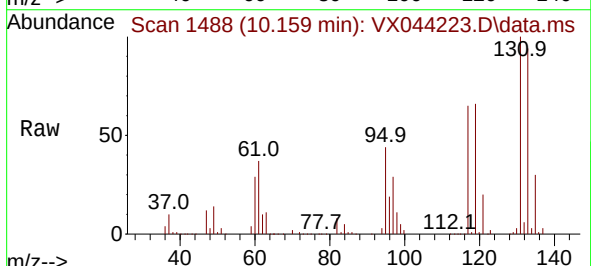
Instrument :
MSVOA_X
ClientSampleId :

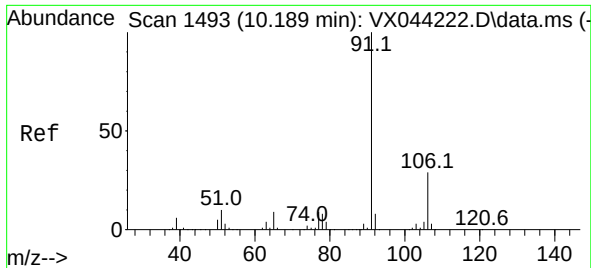
Tgt Ion:112 Resp: 433179
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 106.831 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:131 Resp: 153882
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.8
119 63.5 31.6 95.0





#67

Ethyl Benzene

Concen: 98.906 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

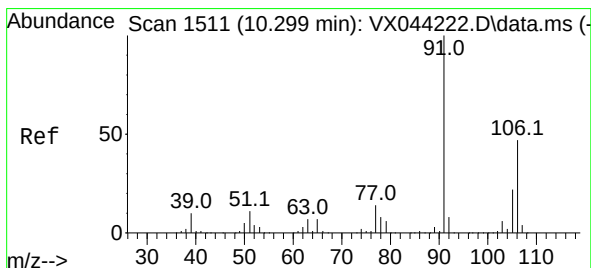
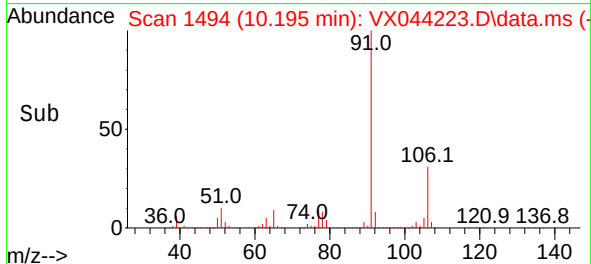
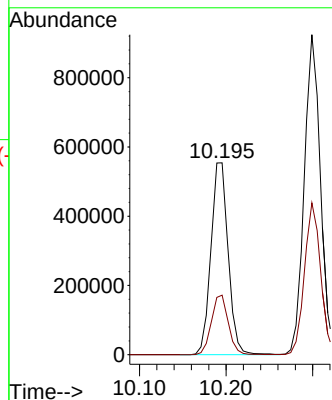
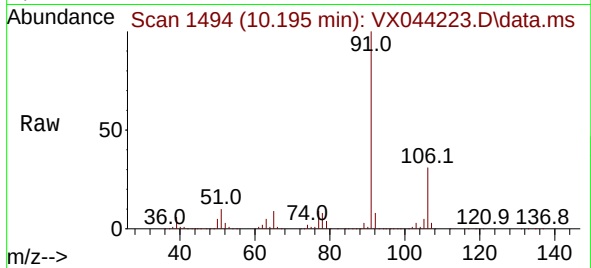
ClientSampleId :

Tgt Ion: 91 Resp: 765930

Ion Ratio Lower Upper

91 100

106 31.0 23.5 35.3



#68

m/p-Xylenes

Concen: 201.171 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044223.D

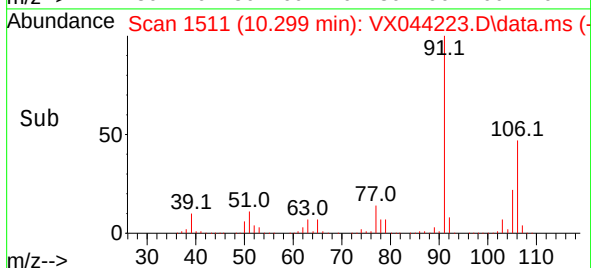
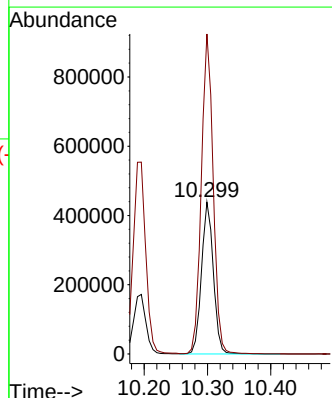
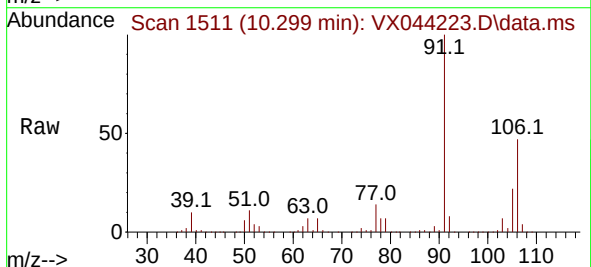
Acq: 11 Dec 2024 12:37

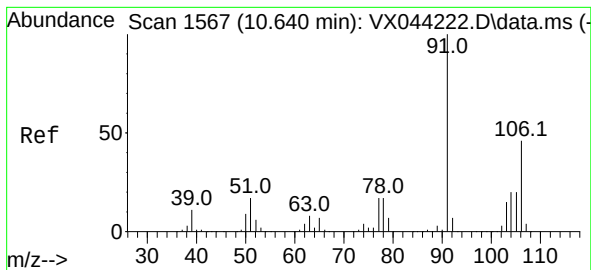
Tgt Ion:106 Resp: 571648

Ion Ratio Lower Upper

106 100

91 211.0 170.2 255.2





#69

o-Xylene

Concen: 97.597 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

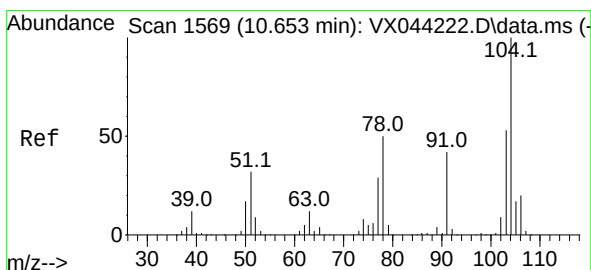
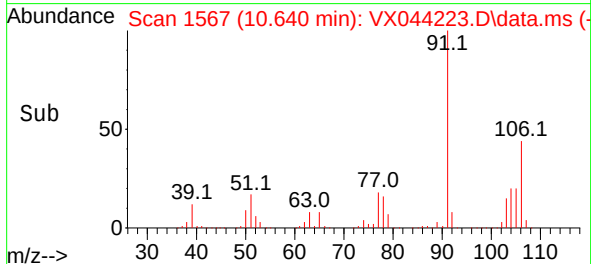
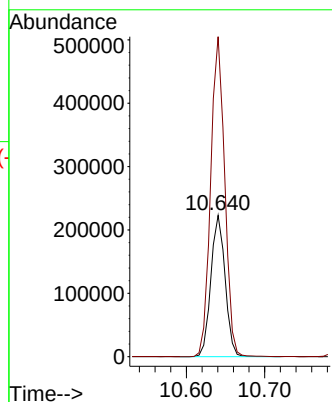
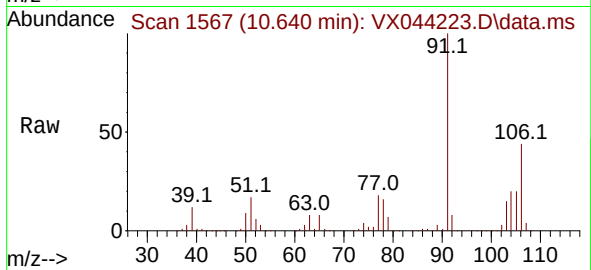
ClientSampleId :

Tgt Ion:106 Resp: 280603

Ion Ratio Lower Upper

106 100

91 223.9 112.3 337.0



#70

Styrene

Concen: 104.159 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

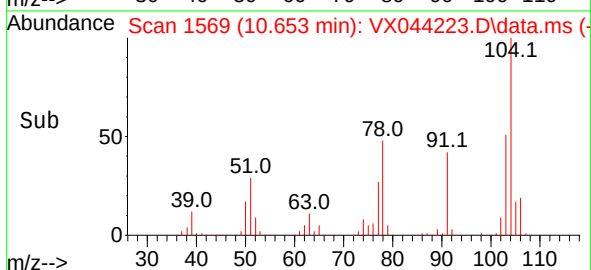
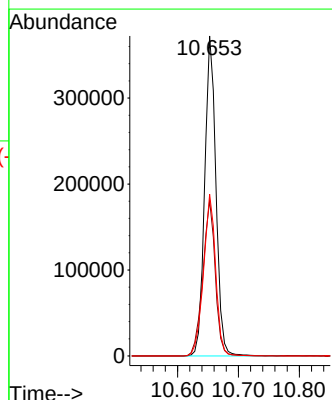
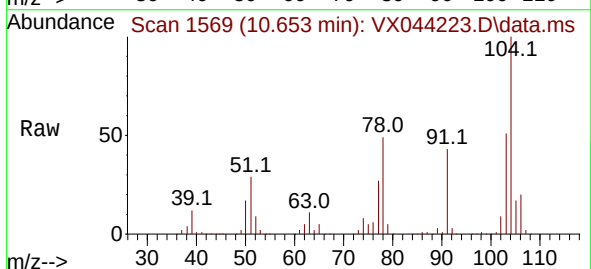
Tgt Ion:104 Resp: 480077

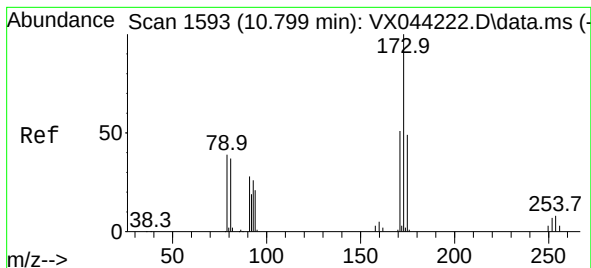
Ion Ratio Lower Upper

104 100

78 53.5 44.6 67.0

103 54.5 45.4 68.0





#71

Bromoform

Concen: 99.723 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

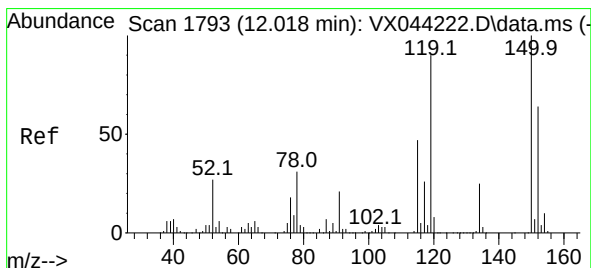
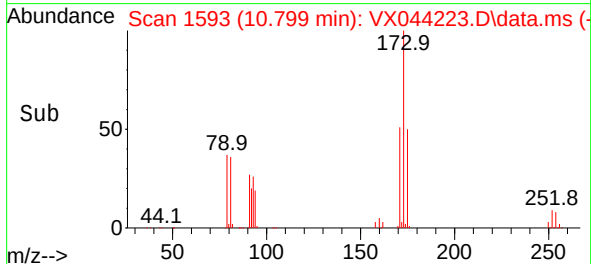
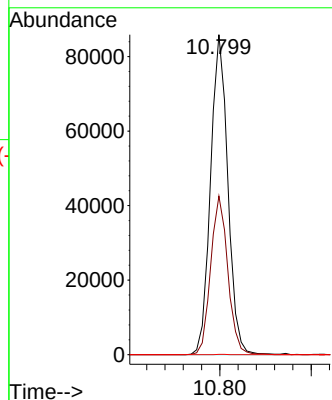
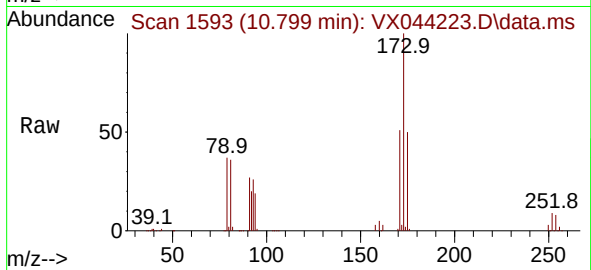
Tgt Ion:173 Resp: 112482

Ion Ratio Lower Upper

173 100

175 49.2 23.8 71.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

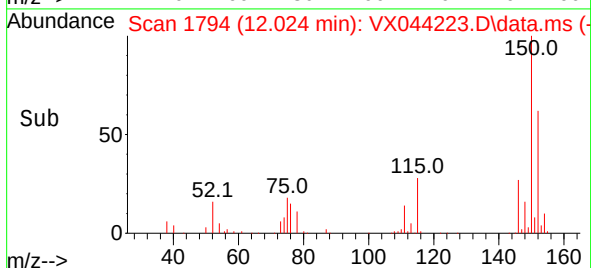
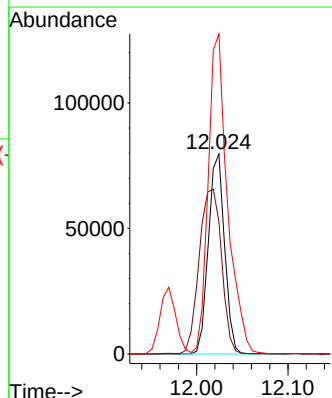
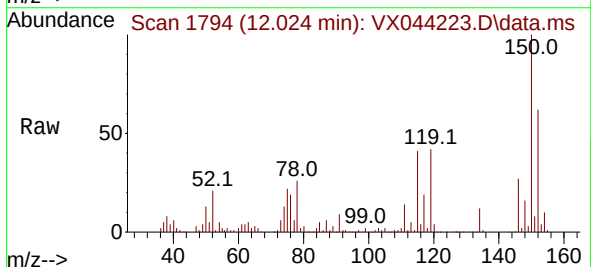
Tgt Ion:152 Resp: 97670

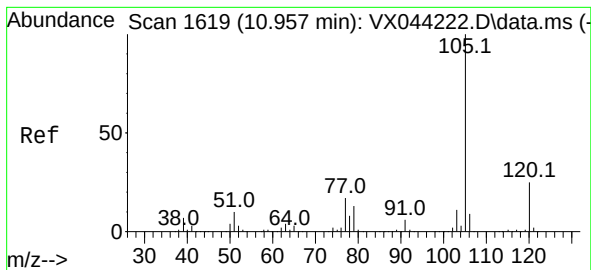
Ion Ratio Lower Upper

152 100

115 114.3 44.5 133.3

150 190.6 0.0 353.8





#73

Isopropylbenzene

Concen: 97.894 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

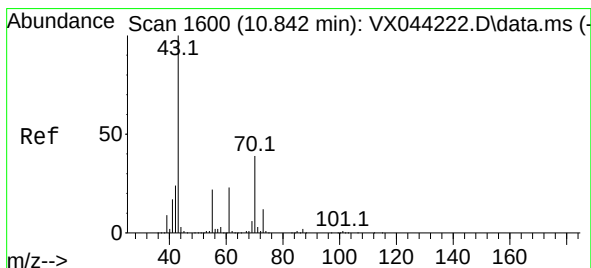
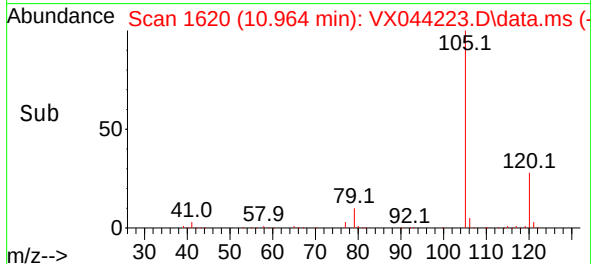
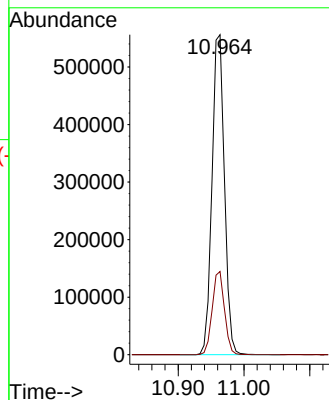
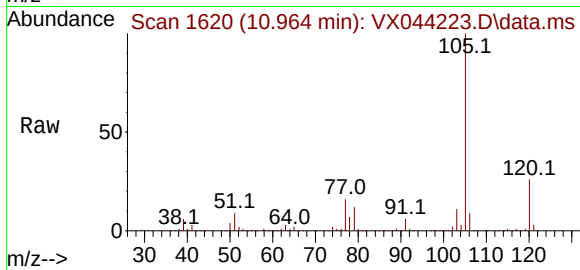
ClientSampleId :

Tgt Ion:105 Resp: 731955

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.3



#74

N-nyl acetate

Concen: 107.485 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Tgt Ion: 43 Resp: 371420

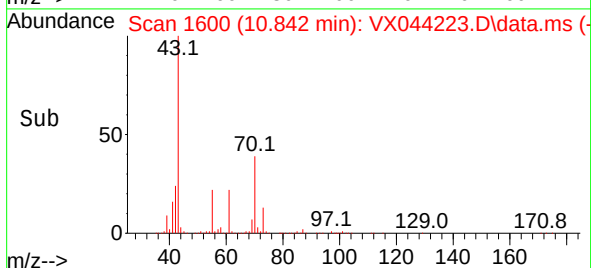
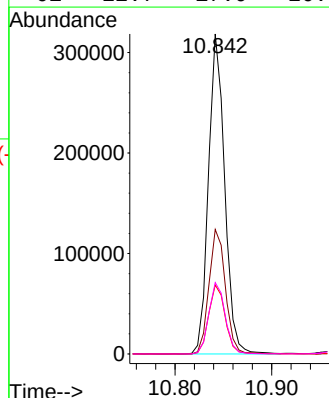
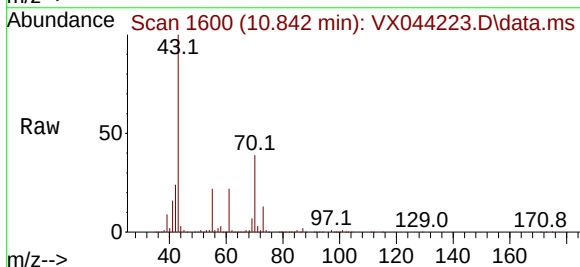
Ion Ratio Lower Upper

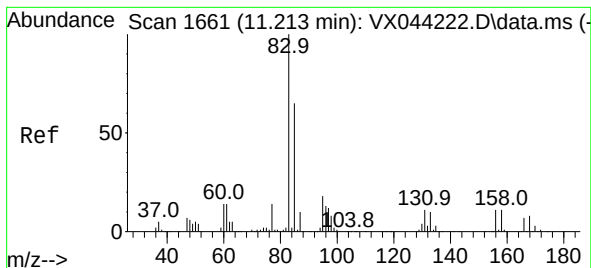
43 100

70 39.7 31.9 47.9

55 22.2 17.9 26.9

61 22.7 17.9 26.9

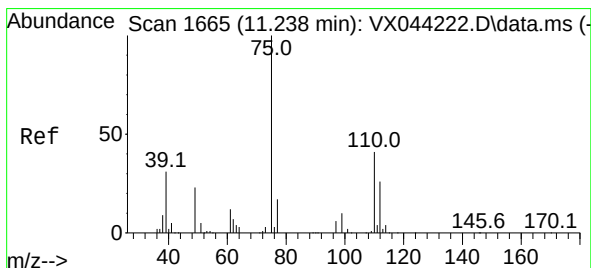
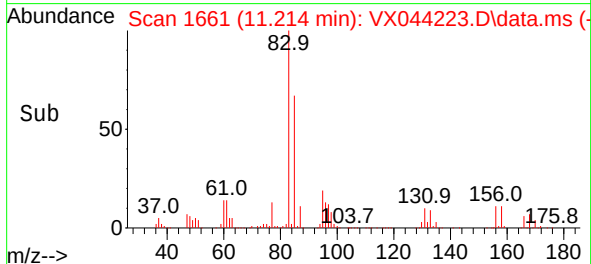
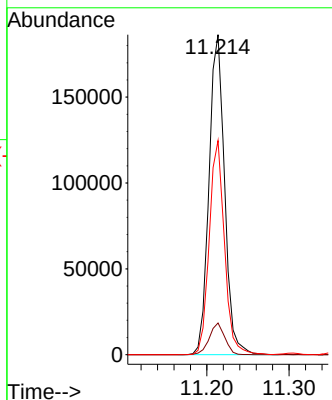
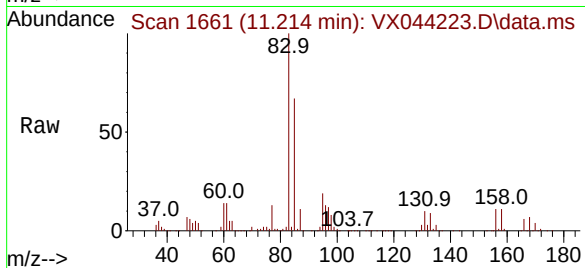




#75
1,1,2,2-Tetrachloroethane
Concen: 94.491 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

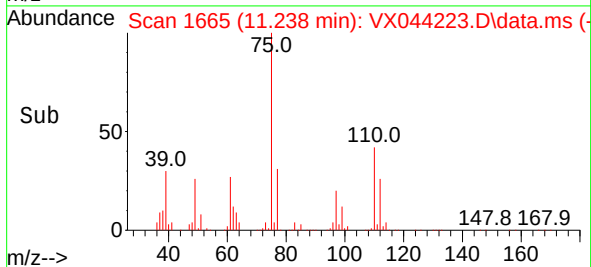
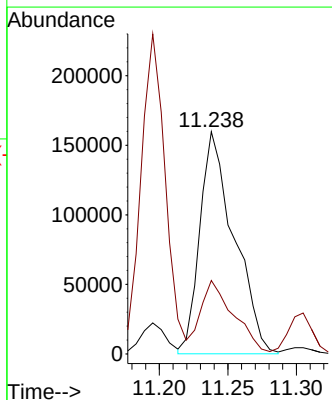
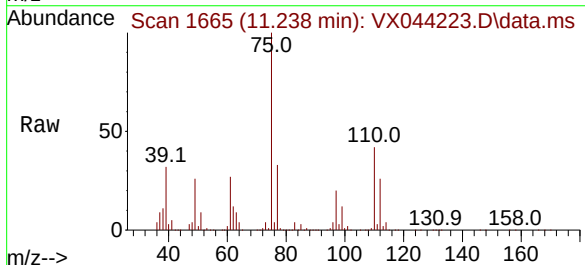
Instrument :
MSVOA_X
ClientSampleId :

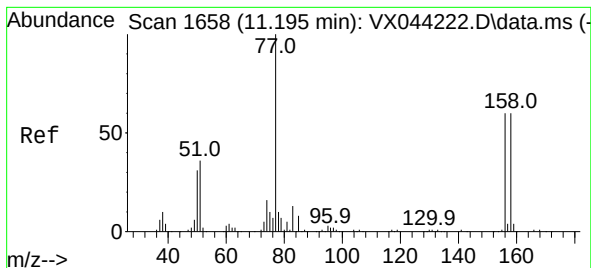
Tgt Ion: 83 Resp: 245395
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 65.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 125.569 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 278299
Ion Ratio Lower Upper
75 100
77 32.2 20.9 62.7





#77

Bromobenzene

Concen: 96.874 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

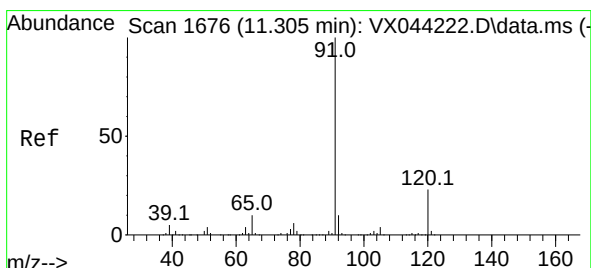
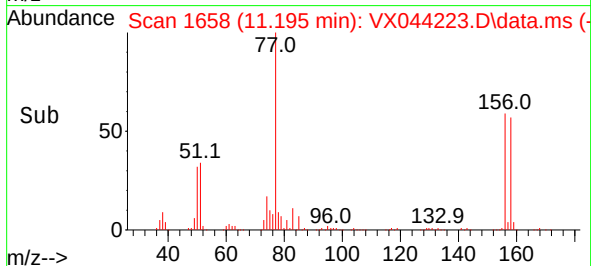
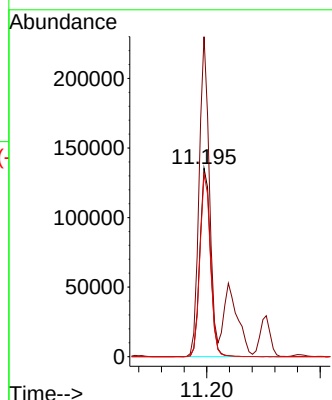
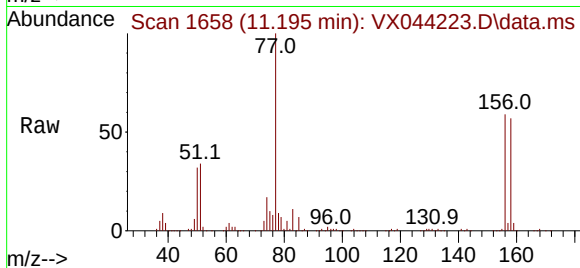
Tgt Ion:156 Resp: 175647

Ion Ratio Lower Upper

156 100

77 162.7 82.6 247.8

158 96.2 48.8 146.4



#78

n-propylbenzene

Concen: 101.242 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX044223.D

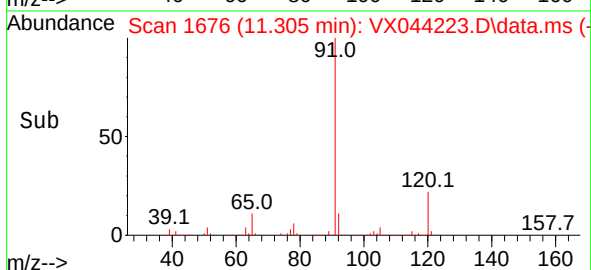
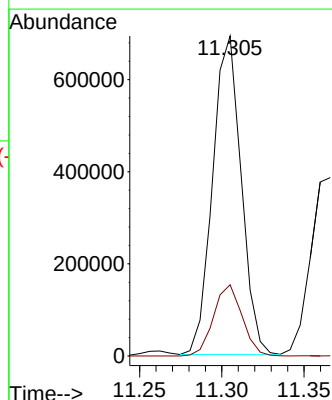
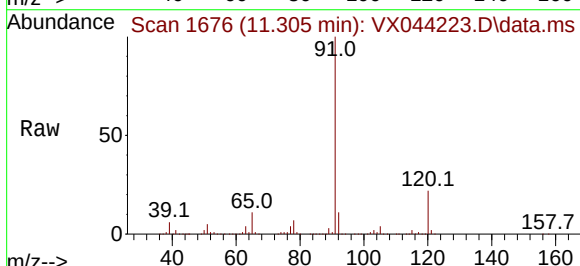
Acq: 11 Dec 2024 12:37

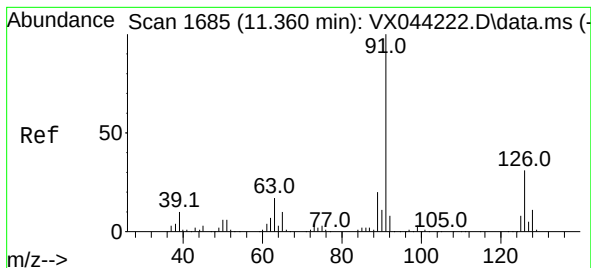
Tgt Ion: 91 Resp: 836676

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 94.377 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

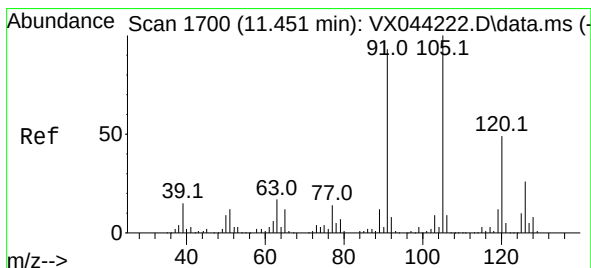
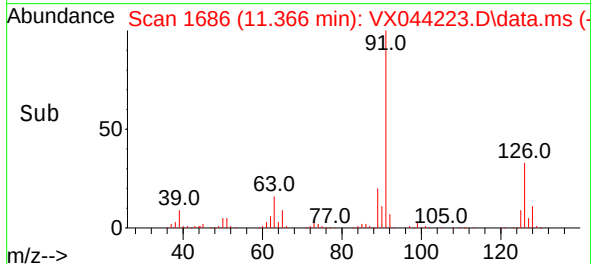
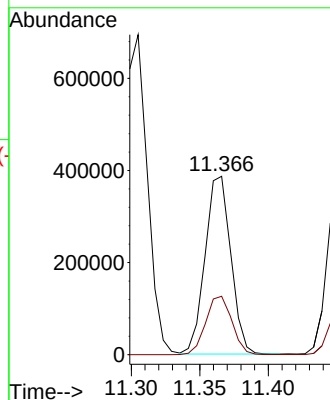
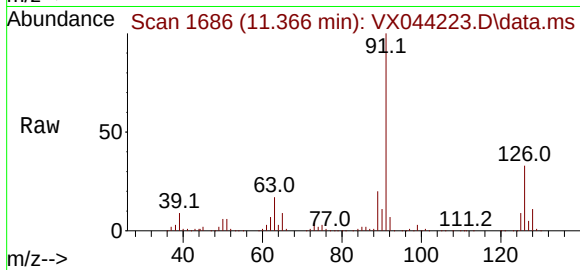
ClientSampleId :

Tgt Ion: 91 Resp: 504407

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 97.570 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044223.D

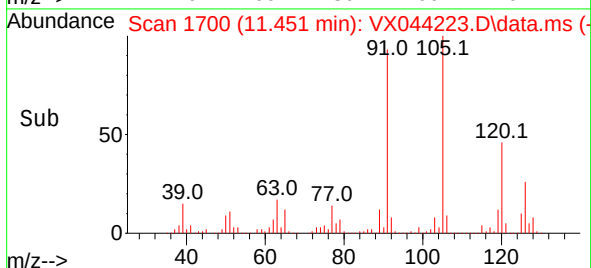
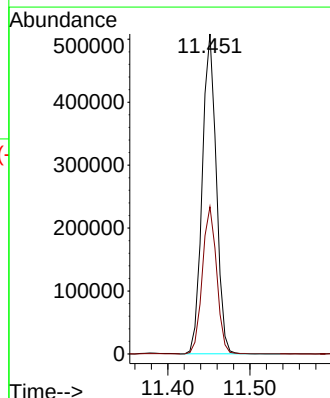
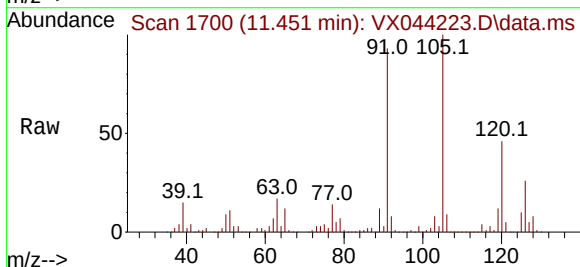
Acq: 11 Dec 2024 12:37

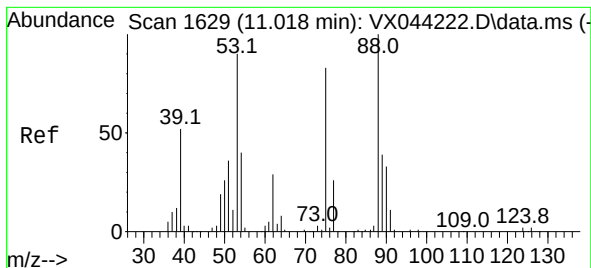
Tgt Ion:105 Resp: 604993

Ion Ratio Lower Upper

105 100

120 46.7 23.8 71.4

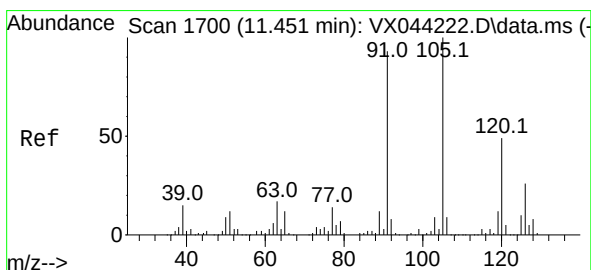
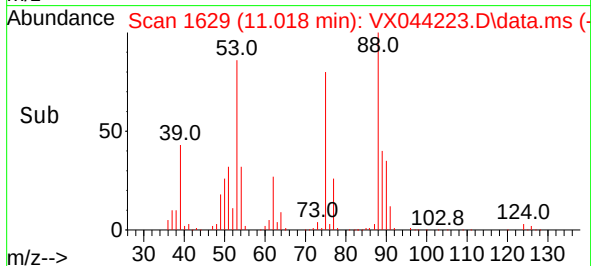
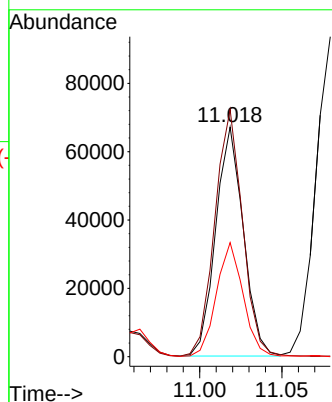
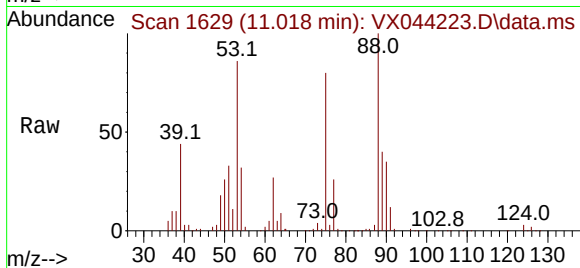




#81
trans-1,4-Dichloro-2-butene
Concen: 97.165 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

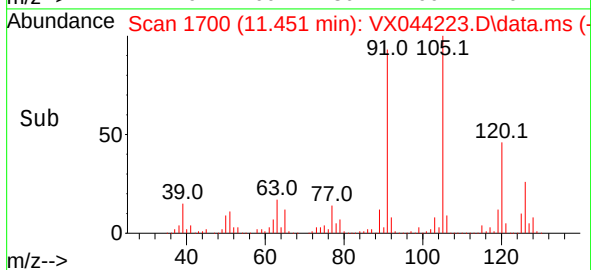
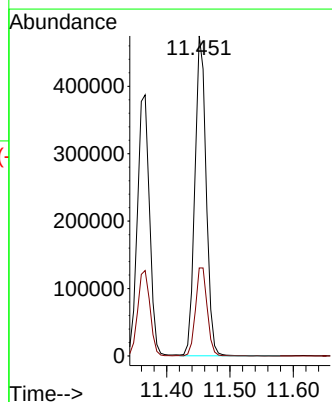
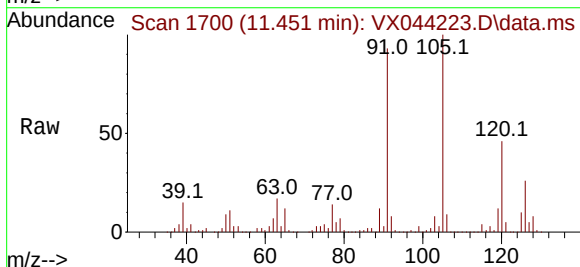
Instrument :
MSVOA_X
ClientSampleId :

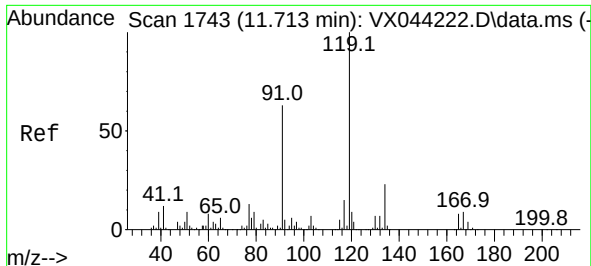
Tgt Ion: 75 Resp: 78453
Ion Ratio Lower Upper
75 100
53 107.9 93.6 140.4
89 47.8 37.3 55.9



#82
4-Chlorotoluene
Concen: 99.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion: 91 Resp: 588197
Ion Ratio Lower Upper
91 100
126 28.5 14.5 43.5

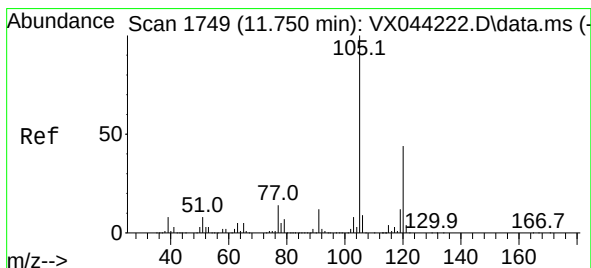
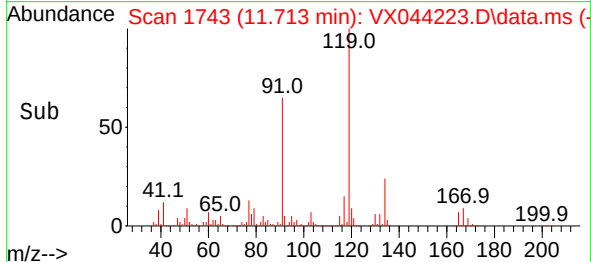
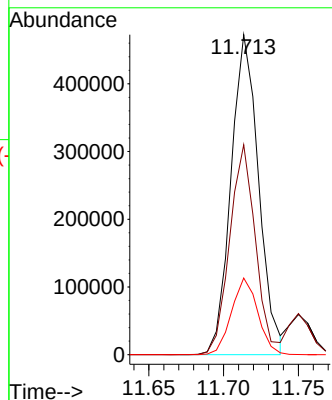
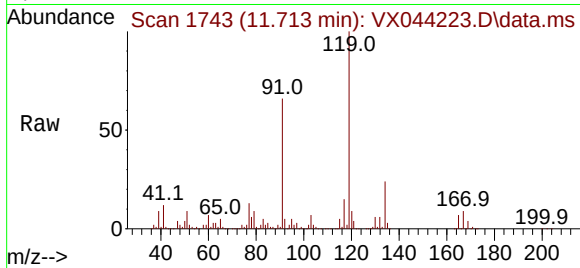




#83
tert-Butylbenzene
Concen: 99.013 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

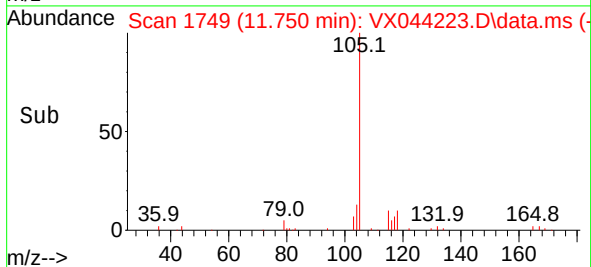
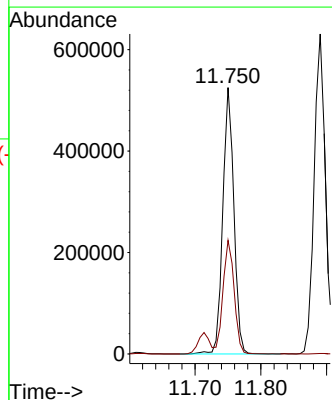
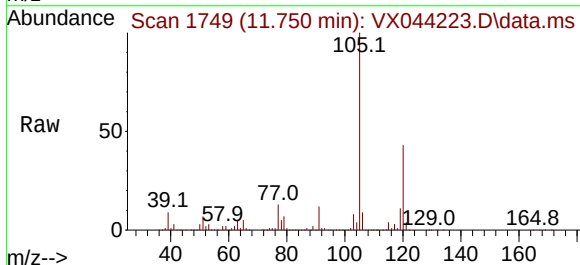
Instrument :
MSVOA_X
ClientSampleId :

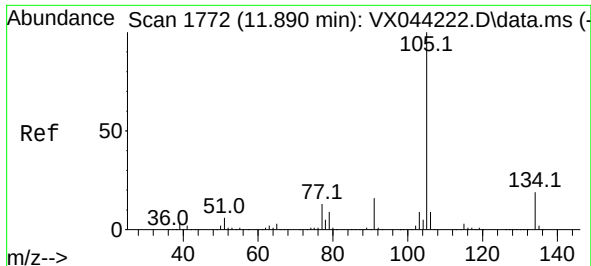
Tgt Ion:119 Resp: 606738
Ion Ratio Lower Upper
119 100
91 61.5 30.9 92.5
134 22.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 100.994 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044223.D
Acq: 11 Dec 2024 12:37

Tgt Ion:105 Resp: 614999
Ion Ratio Lower Upper
105 100
120 43.3 21.7 65.1





#85

sec-Butylbenzene

Concen: 99.889 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

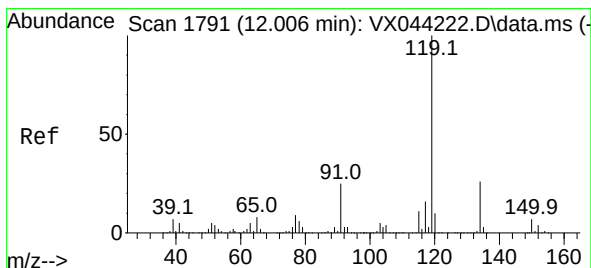
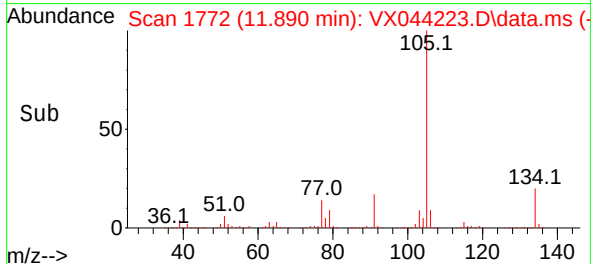
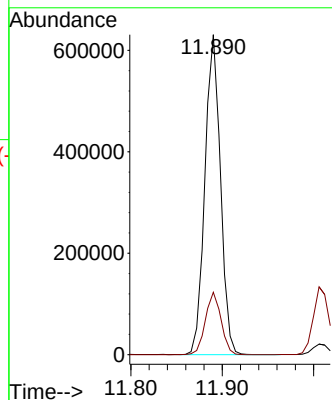
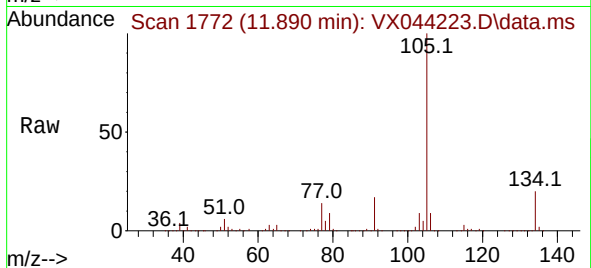
ClientSampleId :

Tgt Ion:105 Resp: 743098

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 100.847 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

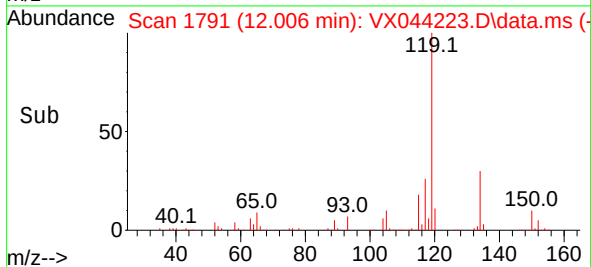
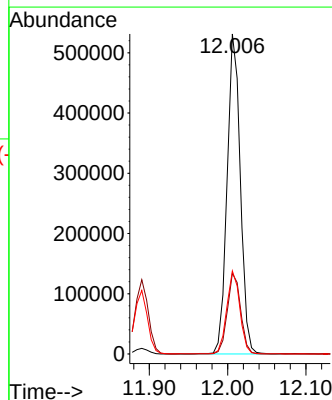
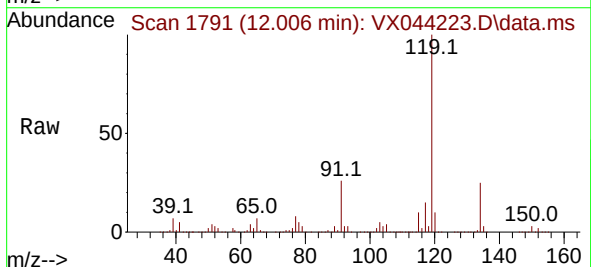
Tgt Ion:119 Resp: 624416

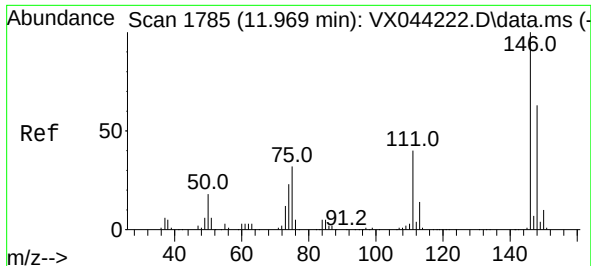
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 100.210 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

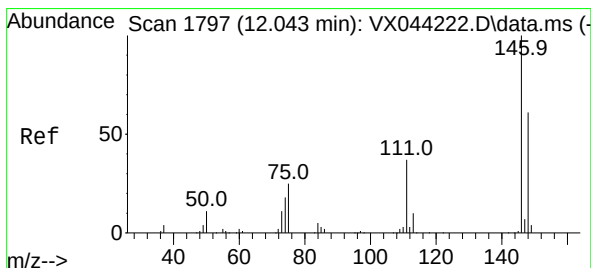
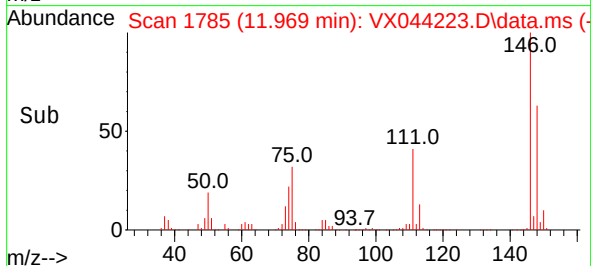
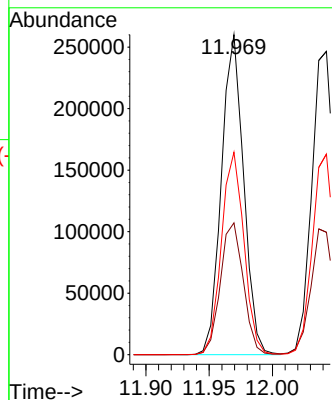
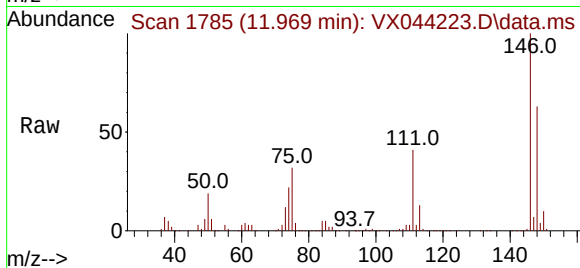
Tgt Ion:146 Resp: 317377

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 97.271 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

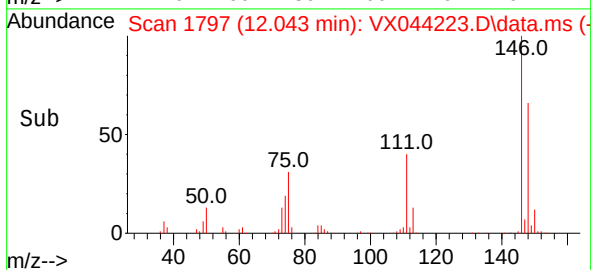
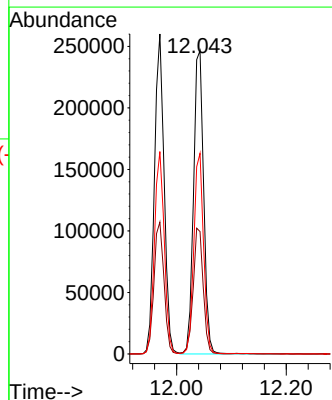
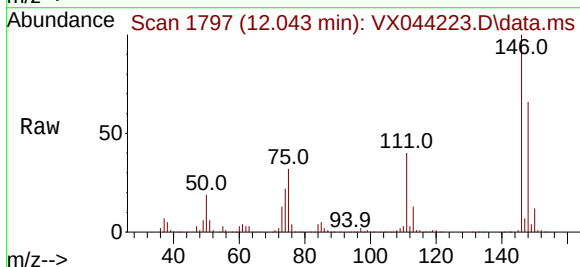
Tgt Ion:146 Resp: 316688

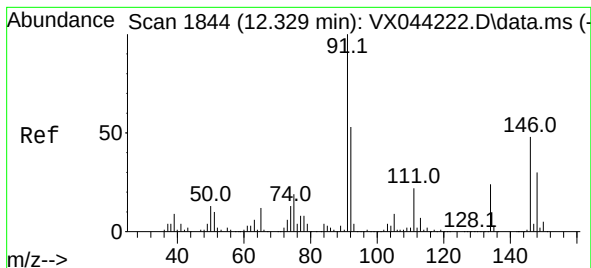
Ion Ratio Lower Upper

146 100

111 41.0 21.0 63.0

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 108.385 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

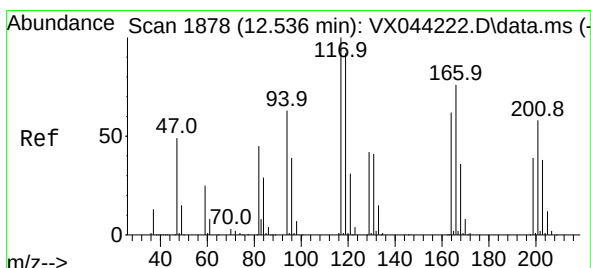
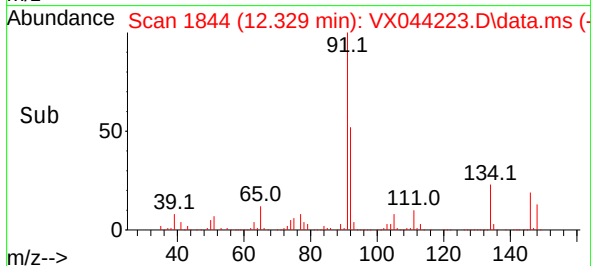
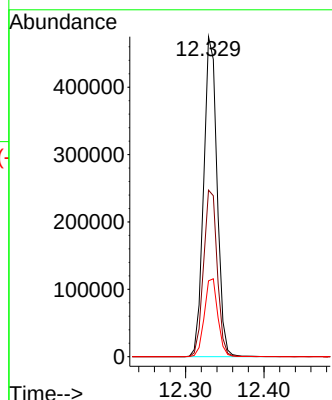
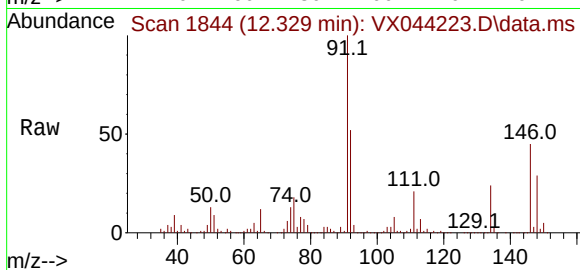
Tgt Ion: 91 Resp: 564303

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 117.218 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044223.D

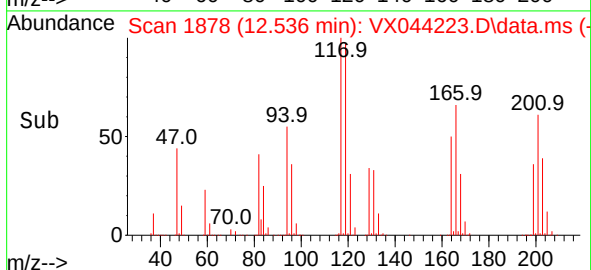
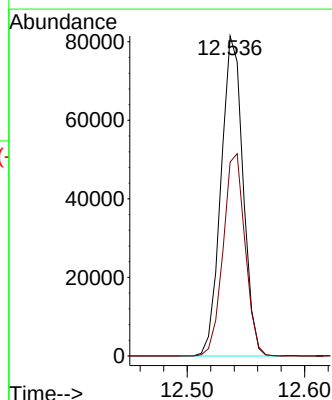
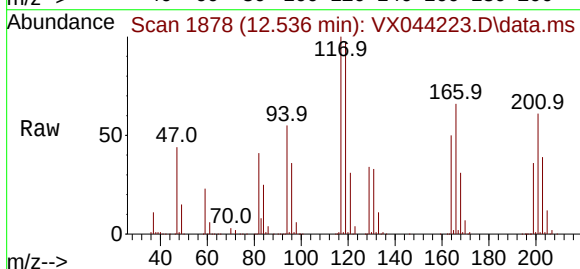
Acq: 11 Dec 2024 12:37

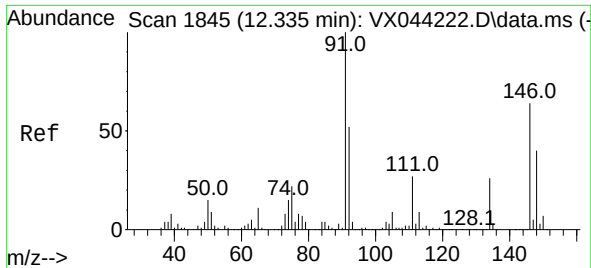
Tgt Ion: 117 Resp: 105946

Ion Ratio Lower Upper

117 100

201 63.2 31.4 94.2

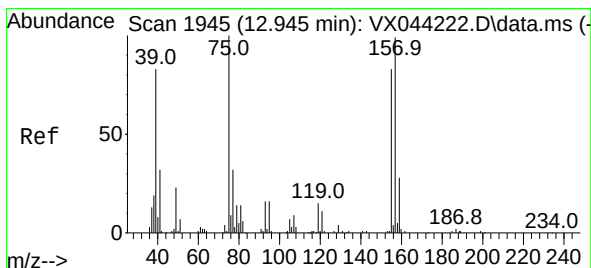
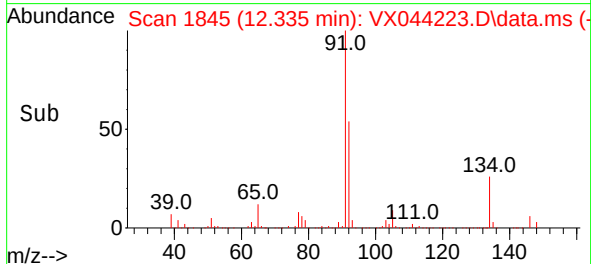
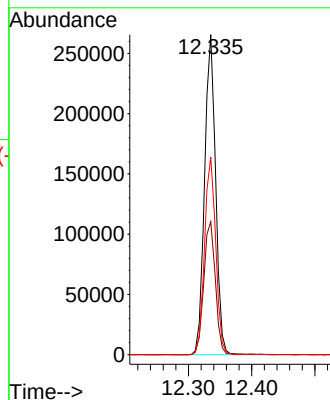
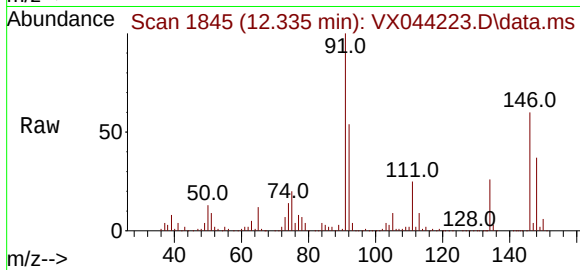




#91
 1,2-Dichlorobenzene
 Concen: 98.232 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX044223.D
 Acq: 11 Dec 2024 12:37

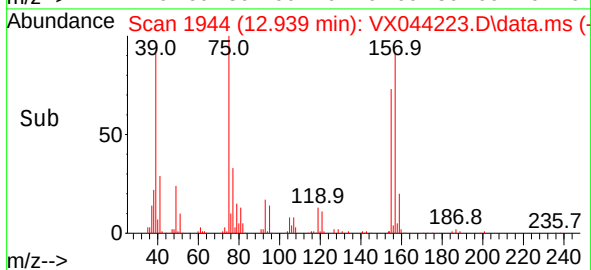
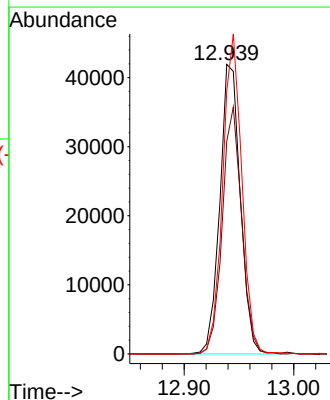
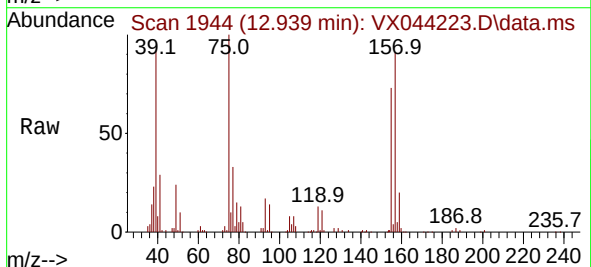
Instrument :
 MSVOA_X
 ClientSampleId :

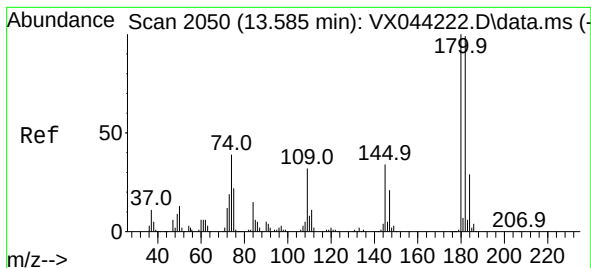
Tgt Ion:146 Resp: 323040
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.3
 148 62.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 108.279 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX044223.D
 Acq: 11 Dec 2024 12:37

Tgt Ion: 75 Resp: 54588
 Ion Ratio Lower Upper
 75 100
 155 80.6 38.1 114.3
 157 102.8 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 109.766 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

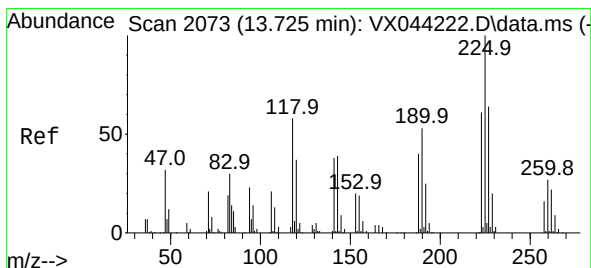
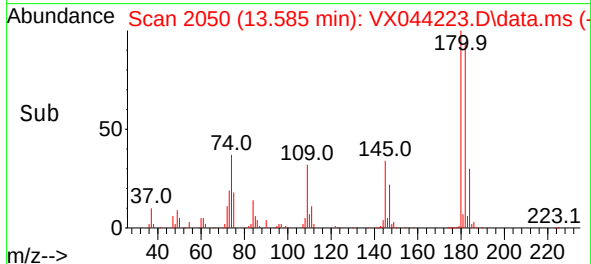
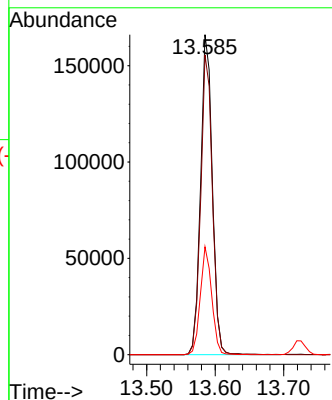
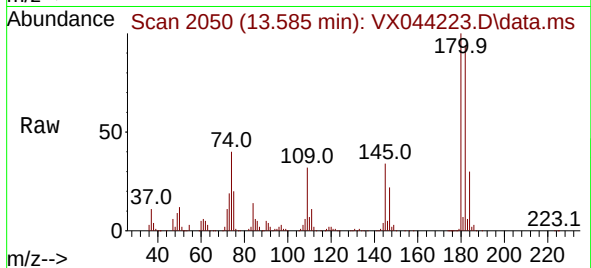
Tgt Ion:180 Resp: 197899

Ion Ratio Lower Upper

180 100

182 93.5 48.0 144.2

145 32.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 99.908 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

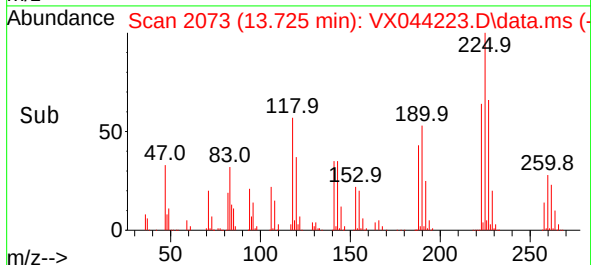
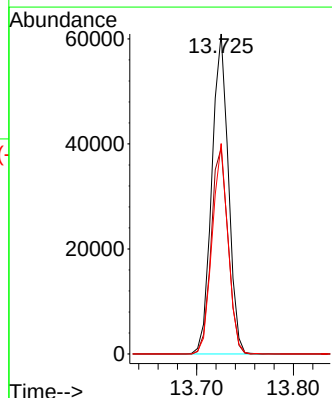
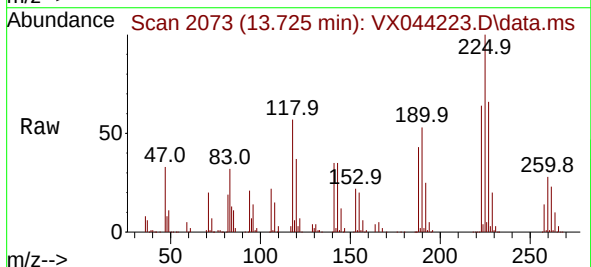
Tgt Ion:225 Resp: 72453

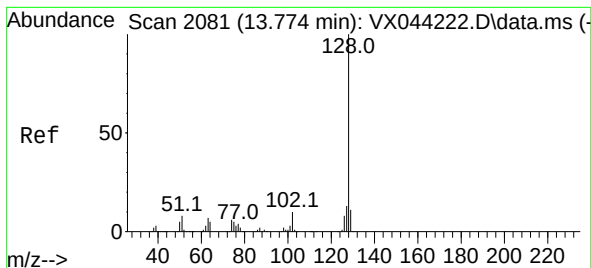
Ion Ratio Lower Upper

225 100

223 65.5 30.8 92.4

227 62.9 32.1 96.3





#95

Naphthalene

Concen: 107.308 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Instrument :

MSVOA_X

ClientSampleId :

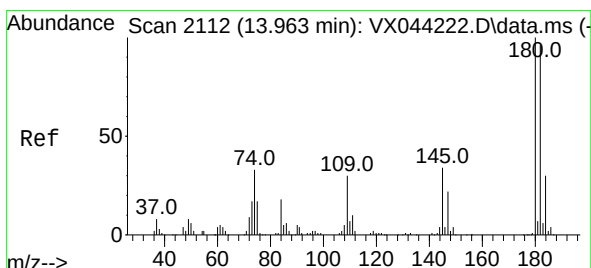
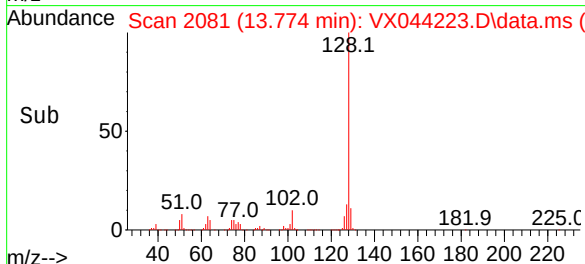
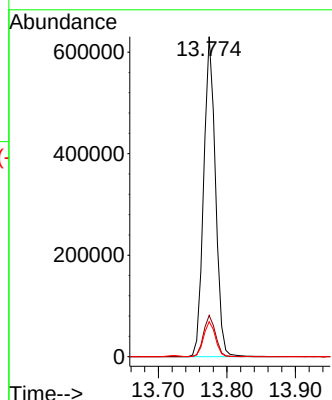
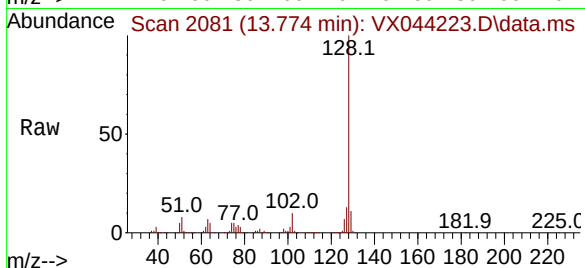
Tgt Ion:128 Resp: 755181

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 107.754 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044223.D

Acq: 11 Dec 2024 12:37

Tgt Ion:180 Resp: 206053

Ion Ratio Lower Upper

180 100

182 93.8 48.0 144.0

145 34.1 17.7 53.1

