

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044219.D
 Acq On : 11 Dec 2024 10:41
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 12 04:12:24 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	5.543	168	141947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	213862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	3407	1.369	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.740%#
35) Dibromofluoromethane	5.385	113	2117	1.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.420%#
50) Toluene-d8	8.653	98	6848	1.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.320%#
62) 4-Bromofluorobenzene	11.091	95	2398	1.158	ug/l	0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.320%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2491	1.135	ug/l	98
3) Chloromethane	1.300	50	2109	1.005	ug/l	98
4) Vinyl Chloride	1.373	62	2285	1.045	ug/l #	85
5) Bromomethane	1.593	94	1882	1.213	ug/l	94
6) Chloroethane	1.672	64	1176	0.864	ug/l	92
7) Trichlorofluoromethane	1.867	101	4491	1.049	ug/l	96
8) Diethyl Ether	2.129	74	1651	1.130	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	1796	1.037	ug/l	95
10) Methyl Iodide	2.440	142	2045	0.896	ug/l	99
11) Tert butyl alcohol	2.989	59	972	2.776	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	1454	0.914	ug/l	90
13) Acrolein	2.233	56	2449	4.823	ug/l	84
14) Allyl chloride	2.660	41	2551	0.963	ug/l #	91
15) Acrylonitrile	3.068	53	4528	4.660	ug/l	98
16) Acetone	2.385	43	5096	5.022	ug/l	97
17) Carbon Disulfide	2.501	76	2387	0.789	ug/l	99
18) Methyl Acetate	2.702	43	2739	1.047	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	5832	0.939	ug/l #	91
20) Methylene Chloride	2.776	84	1928	1.012	ug/l #	74
21) trans-1,2-Dichloroethene	3.080	96	1703	1.007	ug/l #	79
22) Diisopropyl ether	3.763	45	5792	0.971	ug/l #	83
23) Vinyl Acetate	3.733	43	17578	3.623	ug/l	100
24) 1,1-Dichloroethane	3.605	63	3040	0.914	ug/l	96
25) 2-Butanone	4.586	43	6380	4.423	ug/l	96
26) 2,2-Dichloropropane	4.464	77	2220	0.821	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	2296	1.069	ug/l	81
28) Bromochloromethane	4.909	49	1641	1.006	ug/l #	72
29) Tetrahydrofuran	5.025	42	4158	4.491	ug/l #	84
30) Chloroform	5.086	83	3943	1.055	ug/l	91
31) Cyclohexane	5.470	56	2594	0.966	ug/l #	80
32) 1,1,1-Trichloroethane	5.379	97	2818	0.908	ug/l #	48
36) 1,1-Dichloropropene	5.684	75	1178	0.519	ug/l	92
37) Ethyl Acetate	4.727	43	2718	0.969	ug/l #	71
38) Carbon Tetrachloride	5.678	117	2454	1.004	ug/l #	73
39) Methylcyclohexane	7.366	83	2606	0.960	ug/l	93
40) Benzene	6.037	78	6864	0.996	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044219.D
 Acq On : 11 Dec 2024 10:41
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 12 04:12:24 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)
41) Methacrylonitrile	4.922	41	390	0.262	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	2810	0.990	ug/l	93
43) Isopropyl Acetate	6.354	43	3734	0.851	ug/l	98
44) Trichloroethene	7.122	130	1806	1.051	ug/l	71
45) 1,2-Dichloropropane	7.433	63	1865	1.059	ug/l #	74
46) Dibromomethane	7.592	93	1251	0.916	ug/l	97
47) Bromodichloromethane	7.830	83	1926	0.816	ug/l #	74
48) Methyl methacrylate	7.720	41	2168	1.018	ug/l #	77
49) 1,4-Dioxane	7.702	88	289	7.943	ug/l #	71
51) 4-Methyl-2-Pentanone	8.579	43	12824	4.547	ug/l	95
52) Toluene	8.720	92	4606	1.064	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	1716	1.694	ug/l #	78
54) cis-1,3-Dichloropropene	8.366	75	2048	0.797	ug/l #	75
55) 1,1,2-Trichloroethane	9.159	97	1710	0.994	ug/l #	83
56) Ethyl methacrylate	9.128	69	2490	0.917	ug/l #	85
57) 1,3-Dichloropropane	9.317	76	2929	0.979	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	5621	4.105	ug/l	96
59) 2-Hexanone	9.439	43	8199	4.017	ug/l	98
60) Dibromochloromethane	9.524	129	1289	1.953	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1535	0.877	ug/l	95
64) Tetrachloroethene	9.274	164	1536	1.082	ug/l	86
65) Chlorobenzene	10.079	112	4835	1.055	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	1288	0.875	ug/l #	63
67) Ethyl Benzene	10.195	91	7924	1.001	ug/l #	88
68) m/p-Xylenes	10.305	106	5583	1.922	ug/l	98
69) o-Xylene	10.640	106	2933	0.998	ug/l	96
70) Styrene	10.658	104	4306	0.914	ug/l	94
71) Bromoform	10.805	173	584	1.847	ug/l #	72
73) Isopropylbenzene	10.963	105	6474	0.957	ug/l	100
74) N-amyl acetate	10.847	43	2536	0.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.219	83	2491	1.061	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2810	1.402	ug/l	81
77) Bromobenzene	11.201	156	1783	1.087	ug/l	91
78) n-propylbenzene	11.305	91	6606	0.884	ug/l	86
79) 2-Chlorotoluene	11.366	91	5194	1.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5417	0.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.030	75	402	6.098	ug/l	86
82) 4-Chlorotoluene	11.457	91	5236	0.978	ug/l	98
83) tert-Butylbenzene	11.713	119	5601	1.011	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	4769	0.866	ug/l	95
85) sec-Butylbenzene	11.890	105	6500	0.966	ug/l	99
86) p-Isopropyltoluene	12.012	119	5210	0.930	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	2684	0.937	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	2684	0.912	ug/l	94
89) n-Butylbenzene	12.335	91	3973	0.844	ug/l	94
90) Hexachloroethane	12.536	117	632	0.773	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	3082	1.036	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	392	0.860	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	1361	0.835	ug/l	92
94) Hexachlorobutadiene	13.725	225	689	1.051	ug/l	96
95) Naphthalene	13.780	128	5167	0.812	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1509	0.873	ug/l	95

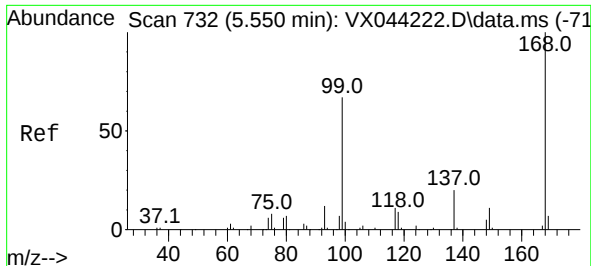
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044219.D
Acq On : 11 Dec 2024 10:41
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Dec 12 04:12:24 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

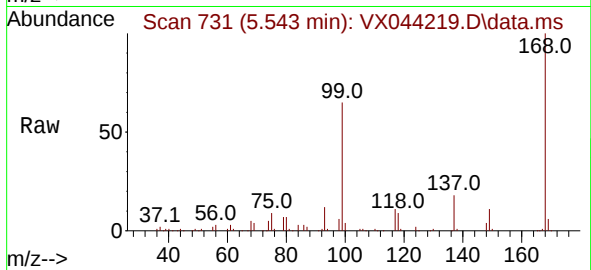
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

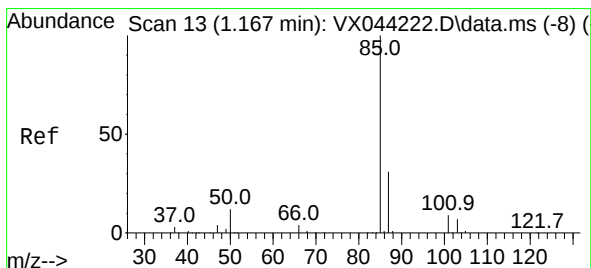
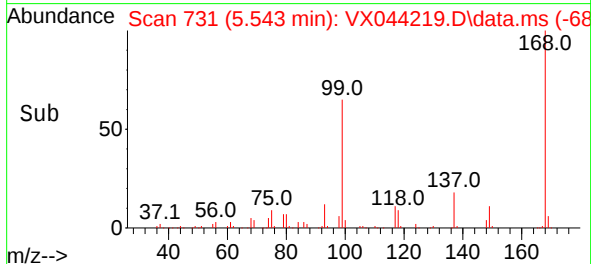
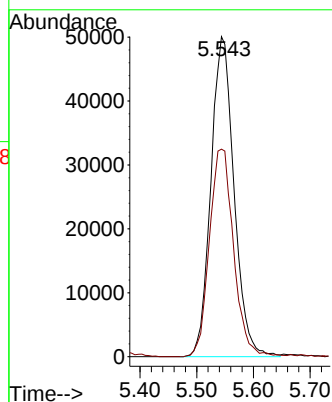


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

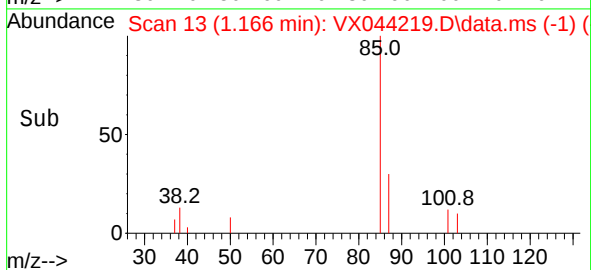
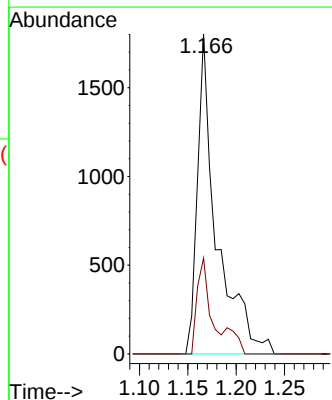
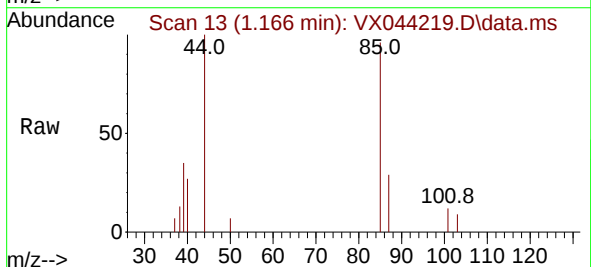


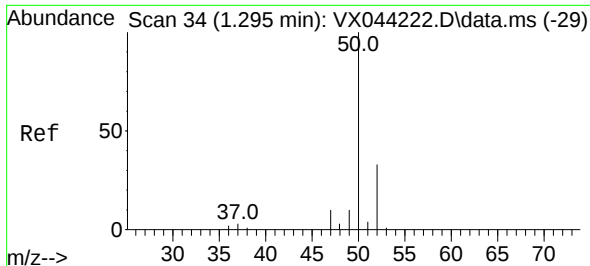
Tgt Ion:168 Resp: 141947
Ion Ratio Lower Upper
168 100
99 64.9 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 1.135 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 85 Resp: 2491
Ion Ratio Lower Upper
85 100
87 30.0 15.4 46.4

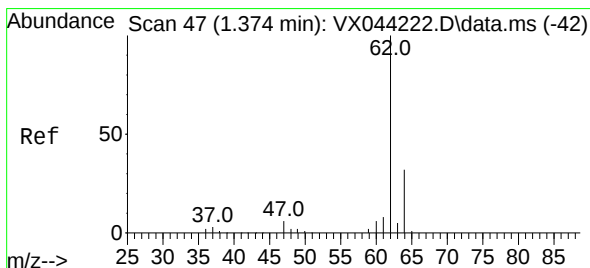
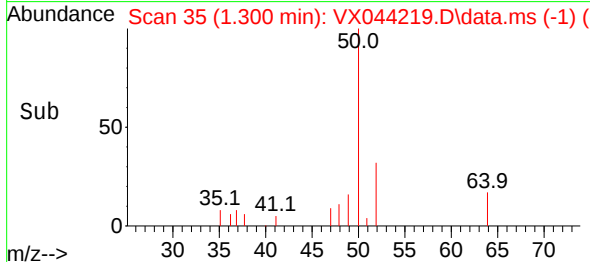
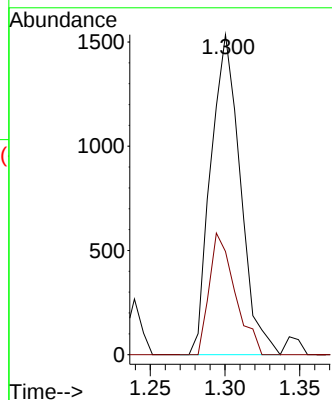
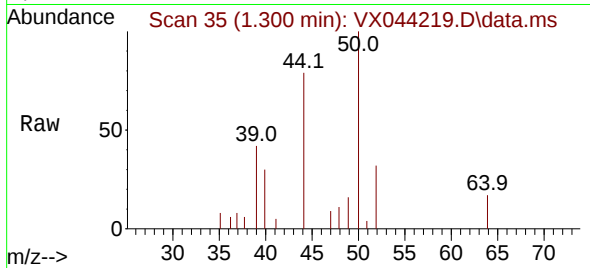




#3
Chloromethane
Concen: 1.005 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

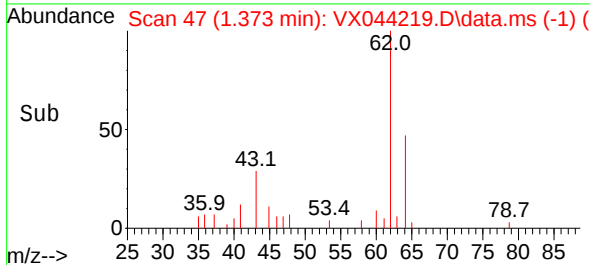
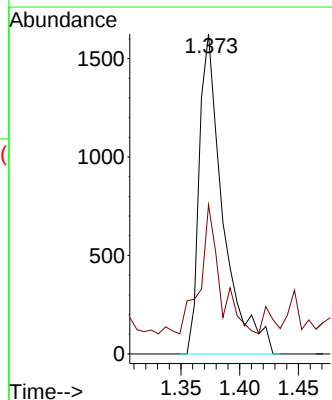
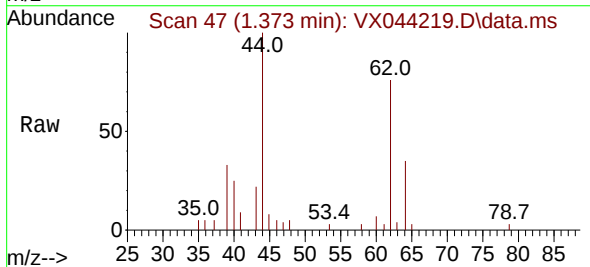
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

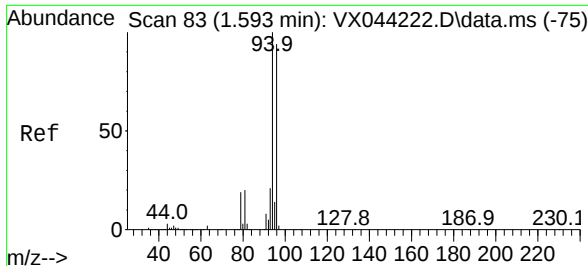
Tgt Ion: 50 Resp: 2109
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 1.045 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 62 Resp: 2285
Ion Ratio Lower Upper
62 100
64 40.3 25.7 38.5#

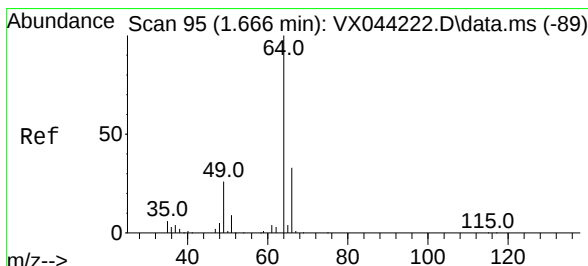
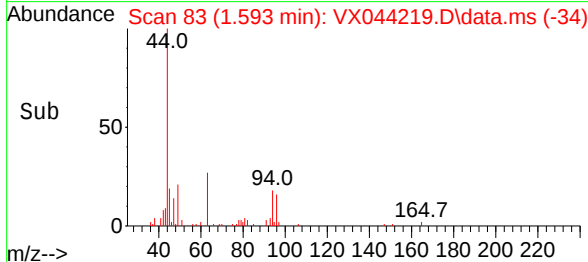
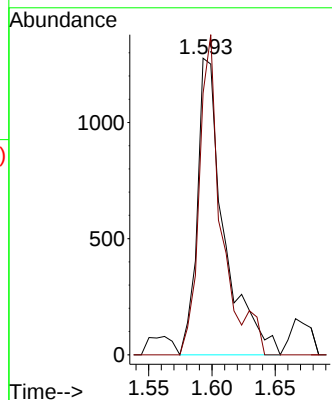
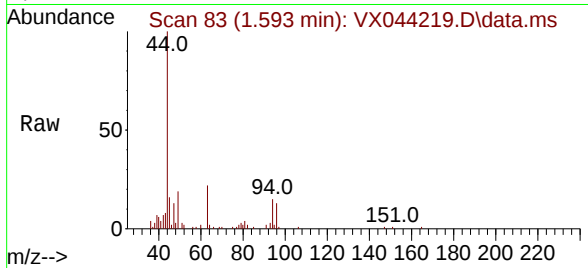




#5
Bromomethane
Concen: 1.213 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

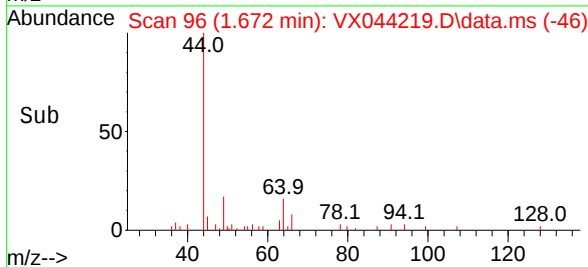
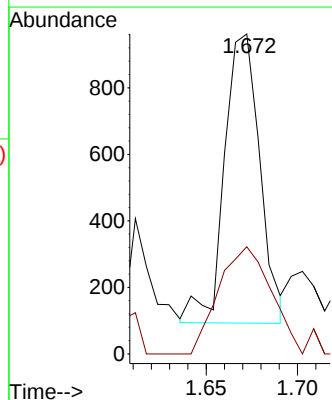
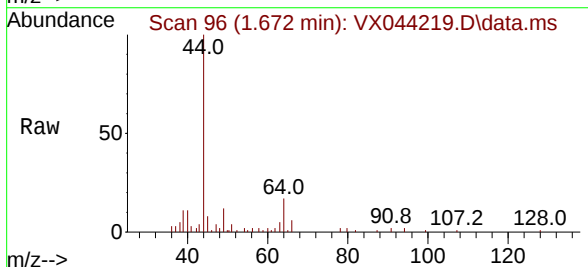
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

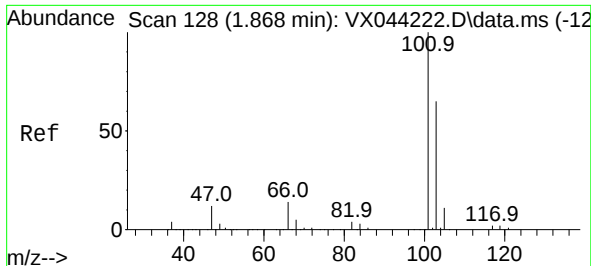
Tgt Ion: 94 Resp: 1882
Ion Ratio Lower Upper
94 100
96 88.2 74.9 112.3



#6
Chloroethane
Concen: 0.864 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 64 Resp: 1176
Ion Ratio Lower Upper
64 100
66 37.6 26.6 39.8

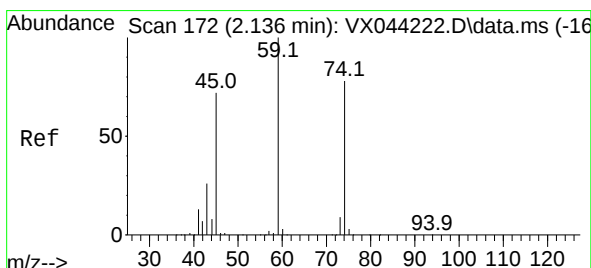
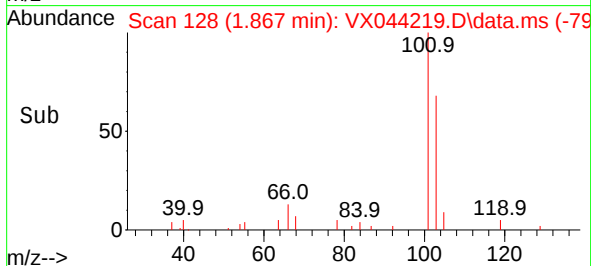
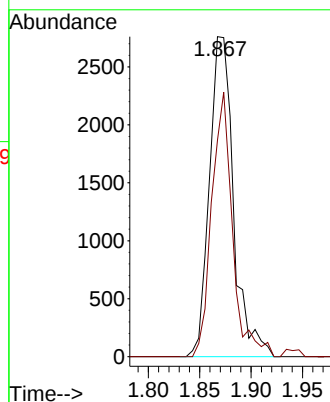
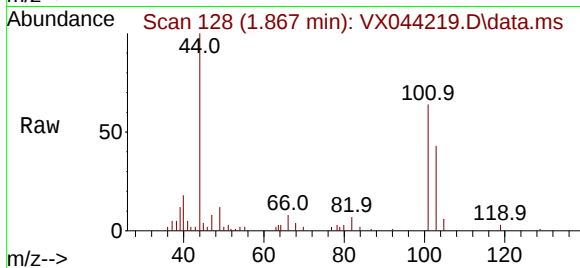




#7
 Trichlorofluoromethane
 Concen: 1.049 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044219.D
 Acq: 11 Dec 2024 10:41

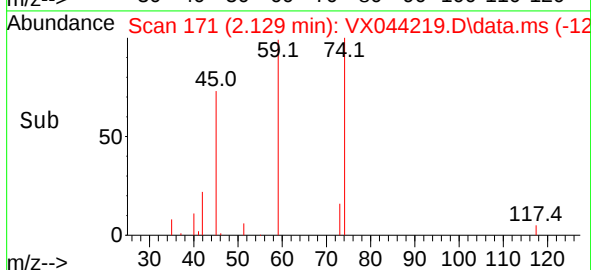
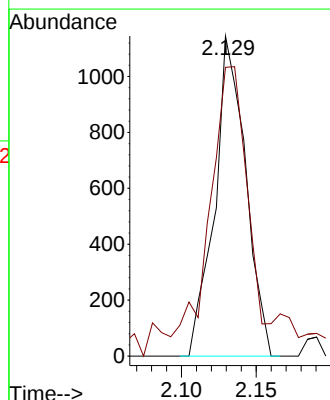
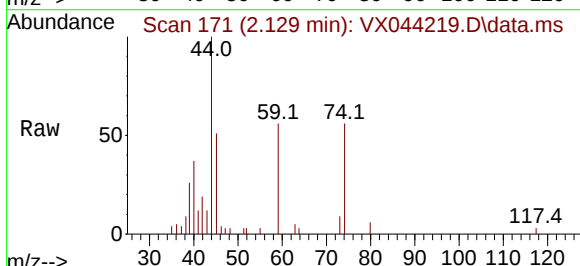
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

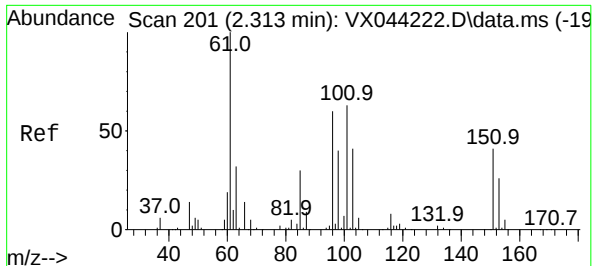
Tgt Ion:101 Resp: 4491
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.8 77.8



#8
 Diethyl Ether
 Concen: 1.130 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044219.D
 Acq: 11 Dec 2024 10:41

Tgt Ion: 74 Resp: 1651
 Ion Ratio Lower Upper
 74 100
 45 118.0 48.4 145.0

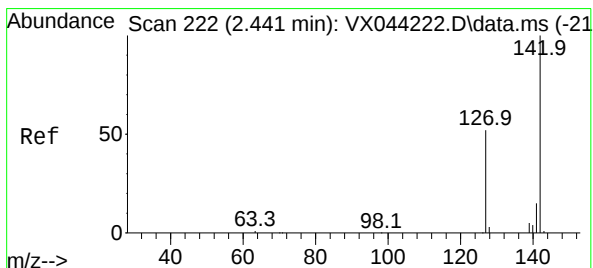
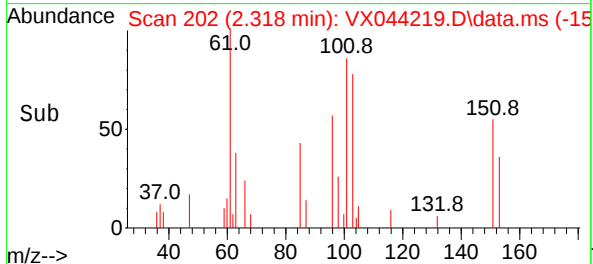
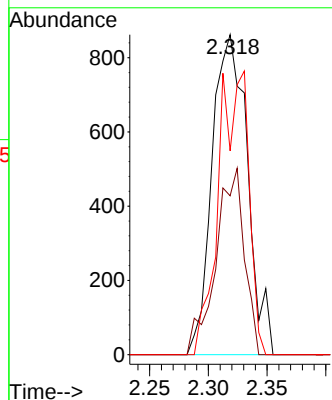
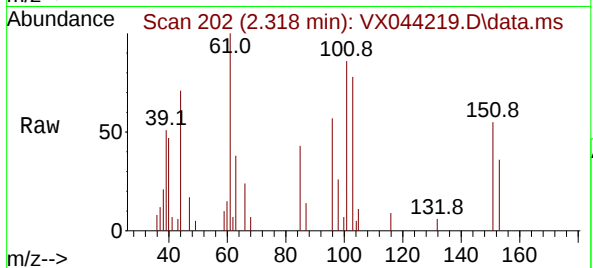




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

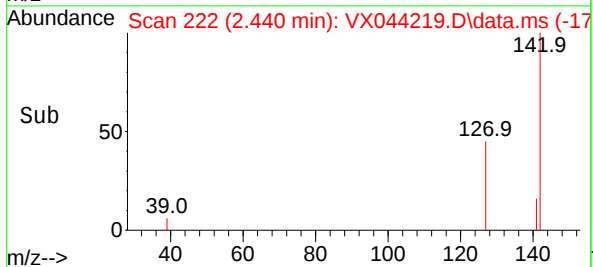
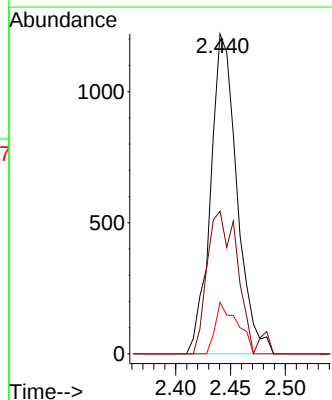
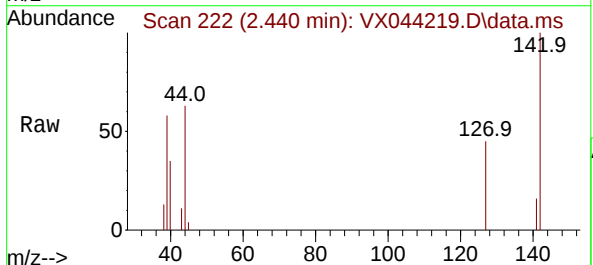
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

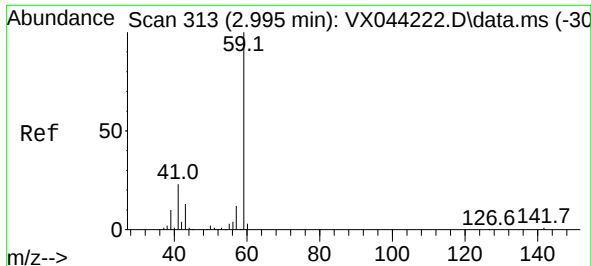
Tgt Ion:101 Resp: 1796
Ion Ratio Lower Upper
101 100
85 47.3 38.5 57.7
151 76.1 55.8 83.6



#10
Methyl Iodide
Concen: 0.896 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:142 Resp: 2045
Ion Ratio Lower Upper
142 100
127 52.6 41.8 62.8
141 13.4 11.5 17.3

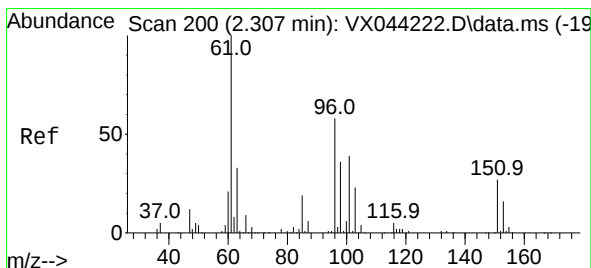
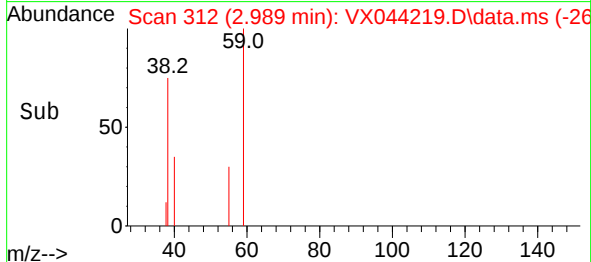
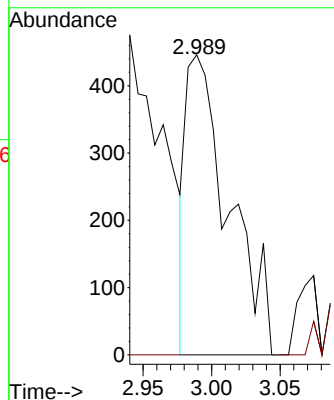
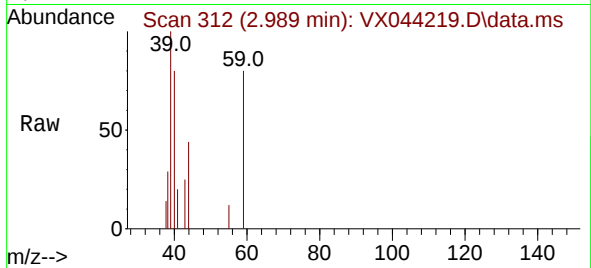




#11
Tert butyl alcohol
Concen: 2.776 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

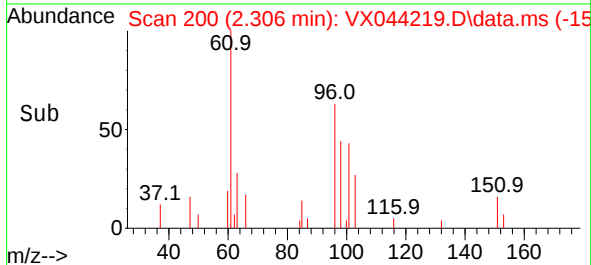
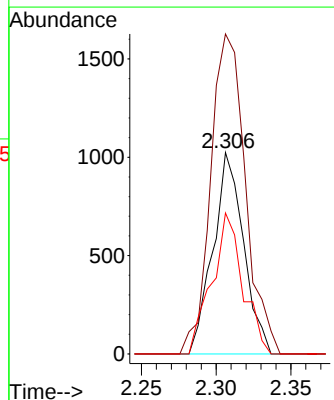
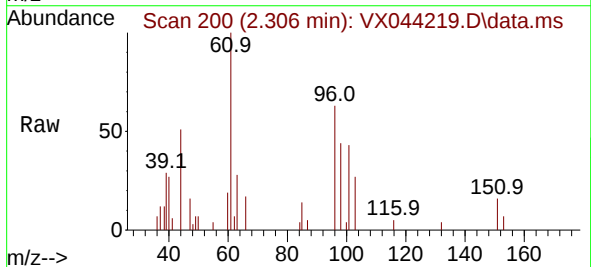
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

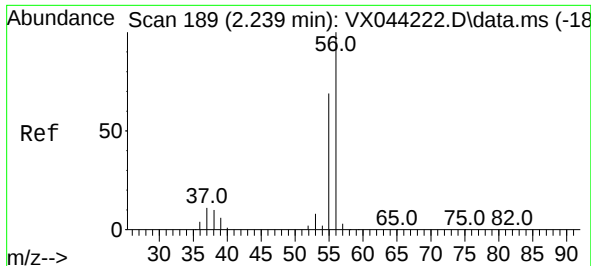
Tgt Ion: 59 Resp: 972
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.914 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 96 Resp: 1454
Ion Ratio Lower Upper
96 100
61 158.9 138.0 207.0
98 70.0 50.0 75.0

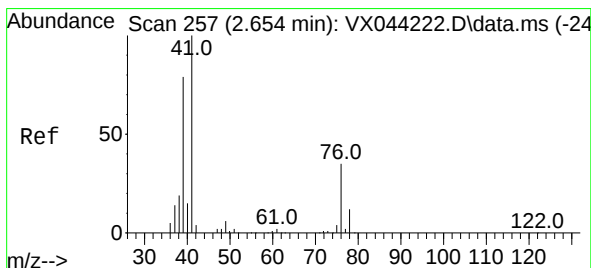
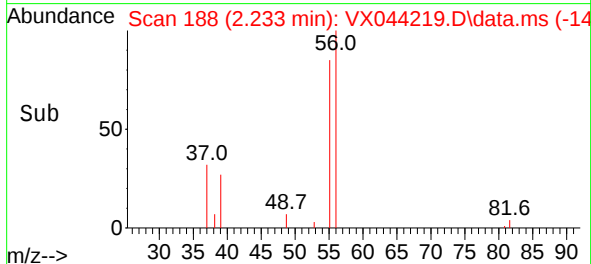
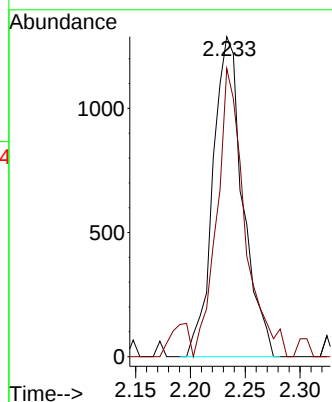
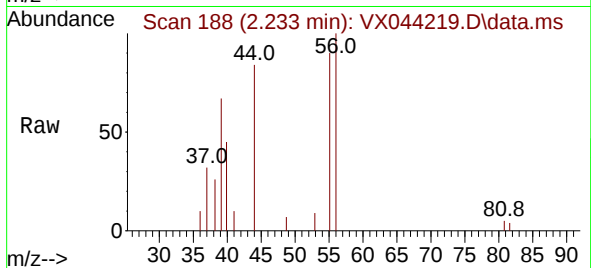




#13
Acrolein
Concen: 4.823 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

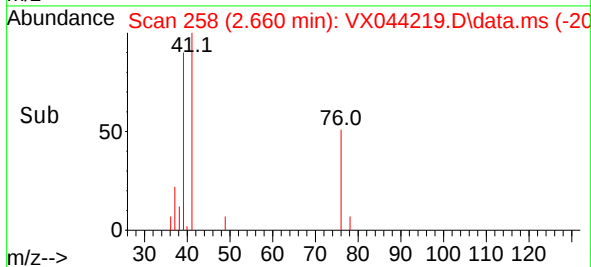
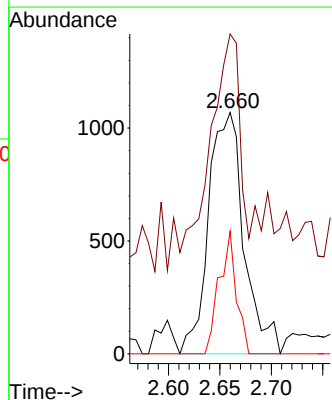
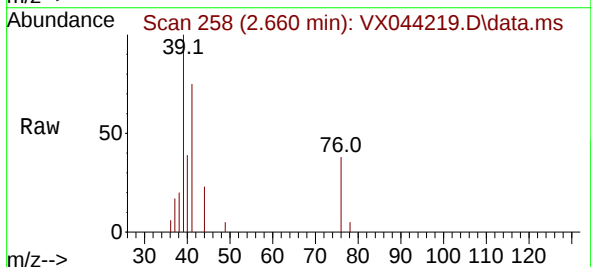
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

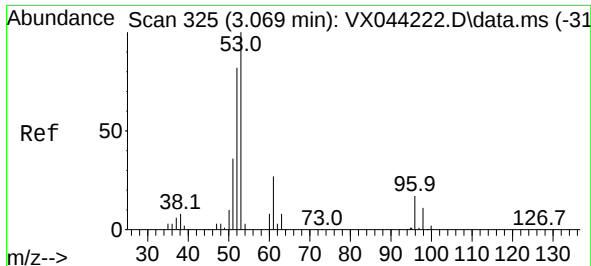
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
55 84.0 56.6 84.8



#14
Allyl chloride
Concen: 0.963 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 41 Resp: 2551
Ion Ratio Lower Upper
41 100
39 72.6 61.9 92.9
76 24.6 27.4 41.2#

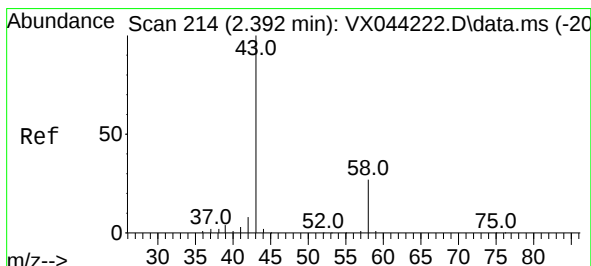
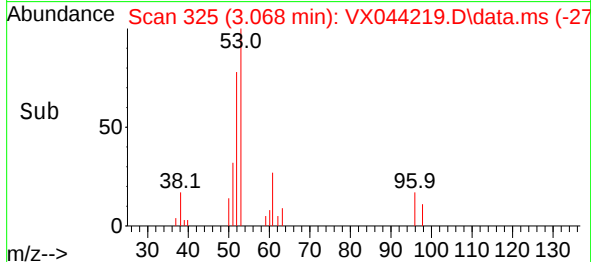
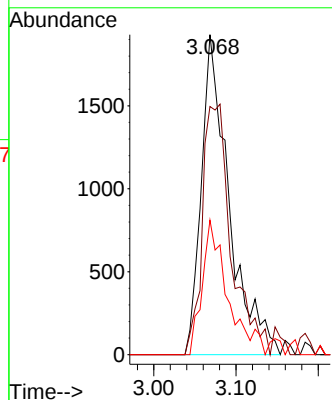
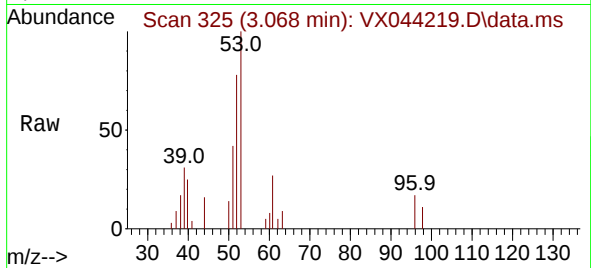




#15
Acrylonitrile
Concen: 4.660 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

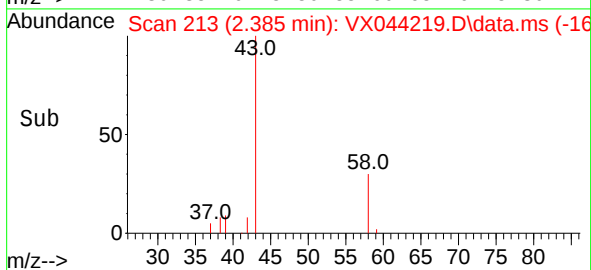
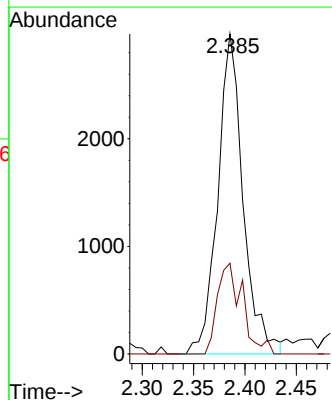
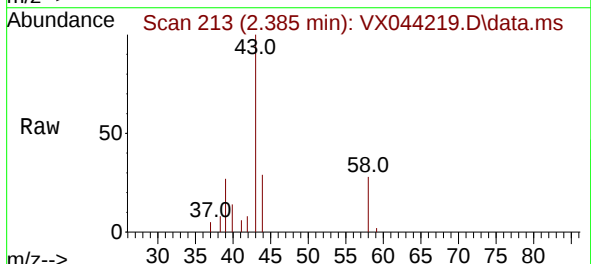
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

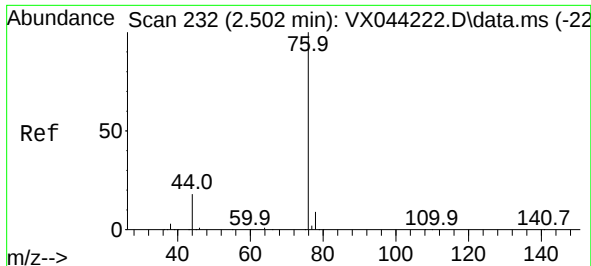
Tgt Ion: 53 Resp: 4528
Ion Ratio Lower Upper
53 100
52 81.4 67.4 101.0
51 38.3 30.3 45.5



#16
Acetone
Concen: 5.022 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 5096
Ion Ratio Lower Upper
43 100
58 28.3 21.6 32.4

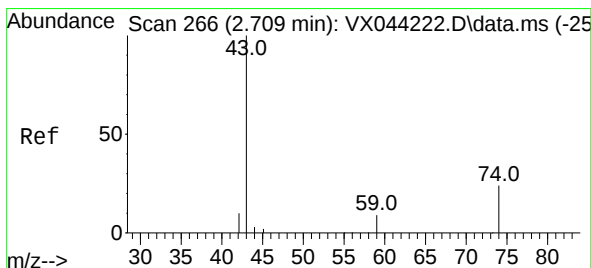
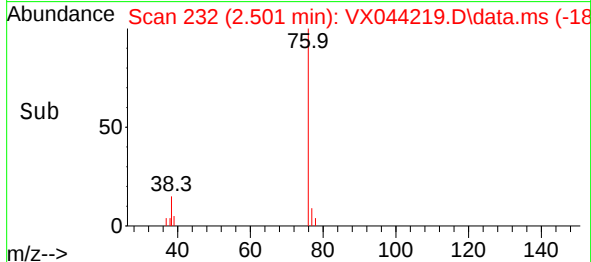
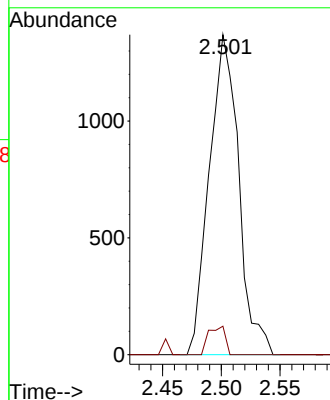
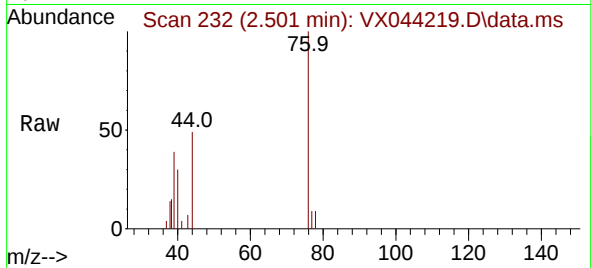




#17
Carbon Disulfide
Concen: 0.789 ug/l
RT: 2.501 min Scan# 241
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

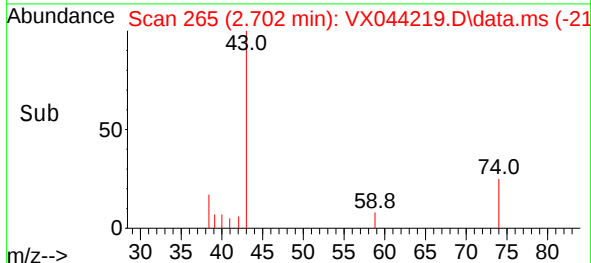
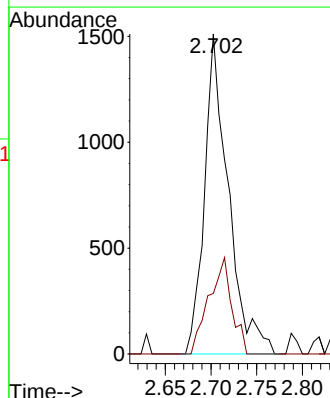
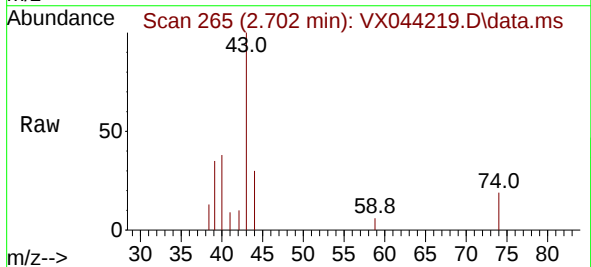
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

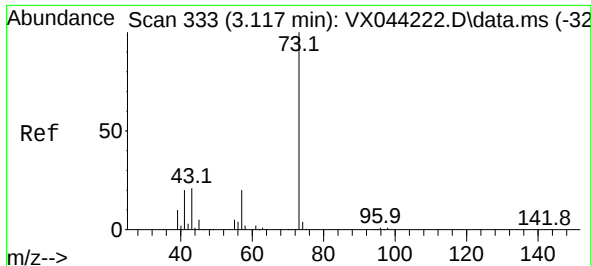
Tgt Ion: 76 Resp: 2387
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
74 28.9 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.939 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

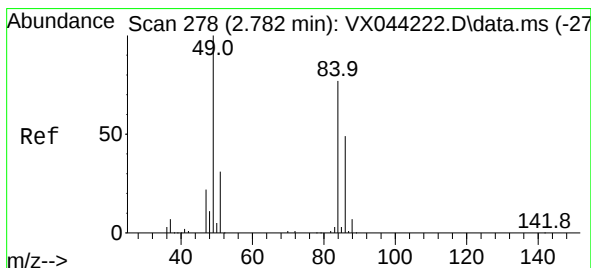
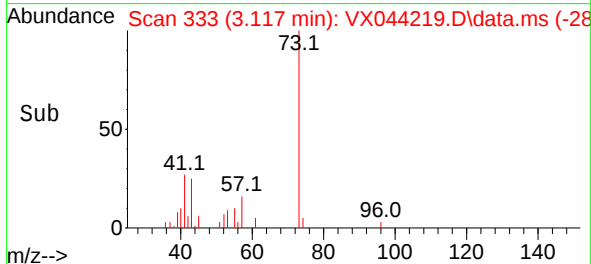
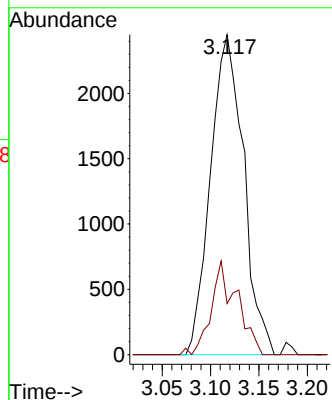
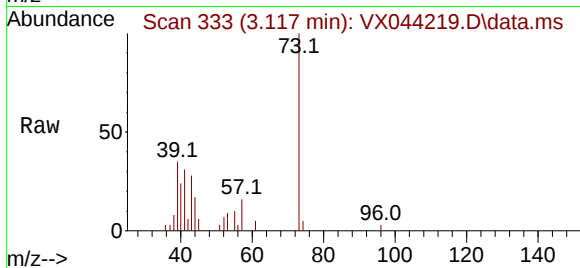
VSTDIC001

Tgt Ion: 73 Resp: 5832

Ion Ratio Lower Upper

73 100

57 16.0 16.2 24.4#



#20

Methylene Chloride

Concen: 1.012 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Tgt Ion: 84 Resp: 1928

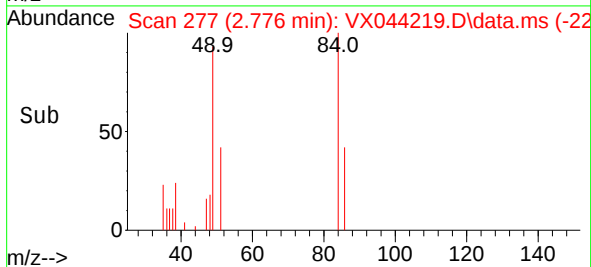
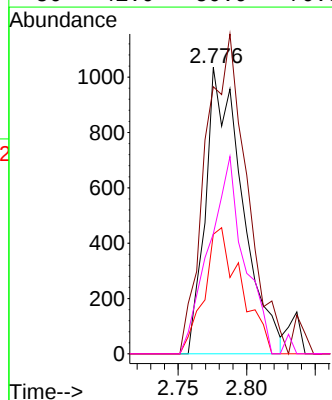
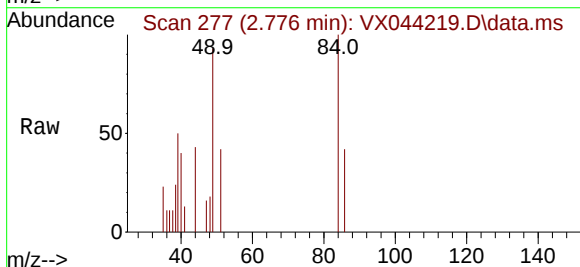
Ion Ratio Lower Upper

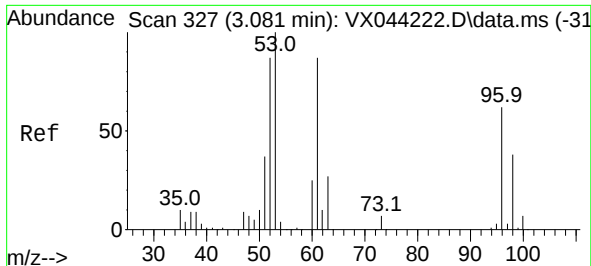
84 100

49 93.2 104.2 156.4#

51 41.7 32.2 48.4

86 41.9 50.9 76.3#





#21

trans-1,2-Dichloroethene

Concen: 1.007 ug/l

RT: 3.080 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

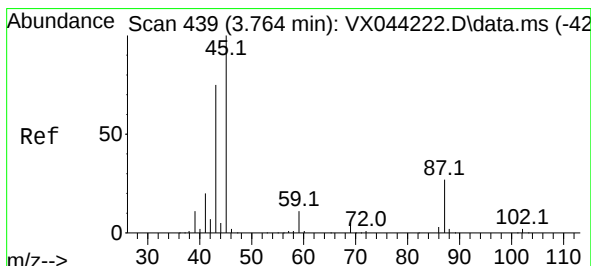
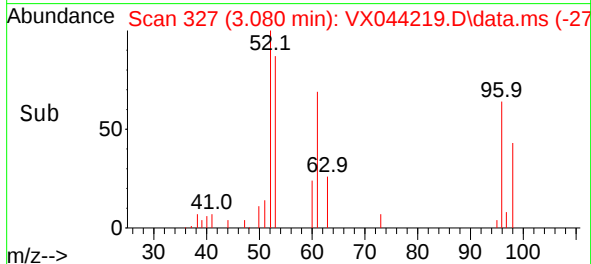
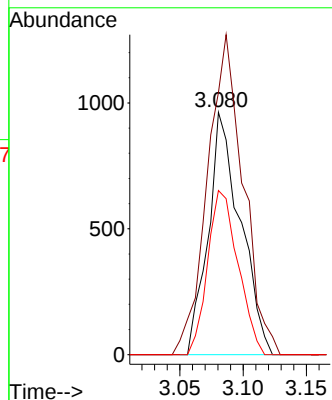
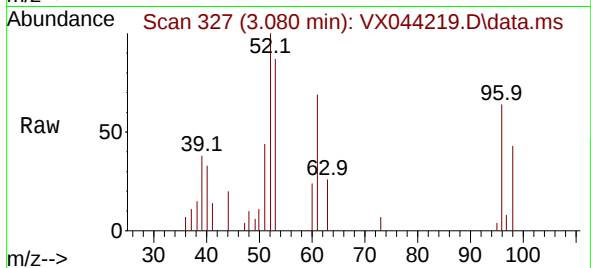
Tgt Ion: 96 Resp: 1703

Ion Ratio Lower Upper

96 100

61 108.1 112.0 168.0#

98 67.7 48.8 73.2



#22

Diisopropyl ether

Concen: 0.971 ug/l

RT: 3.763 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Tgt Ion: 45 Resp: 5792

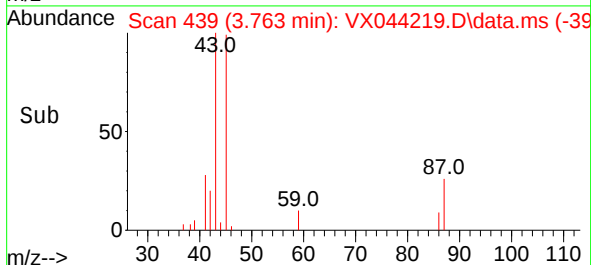
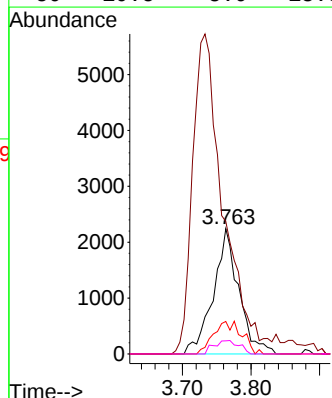
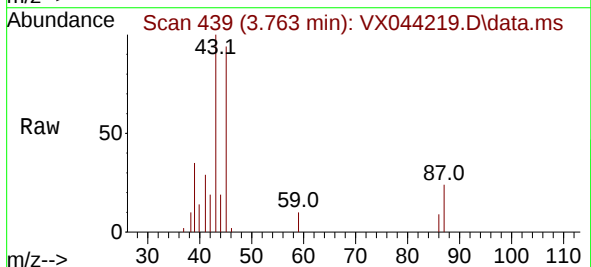
Ion Ratio Lower Upper

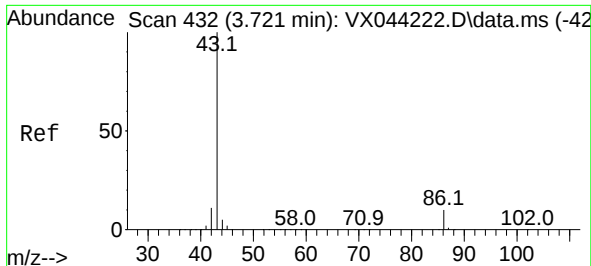
45 100

43 96.8 60.2 90.2#

87 25.9 21.2 31.8

59 10.5 8.9 13.3

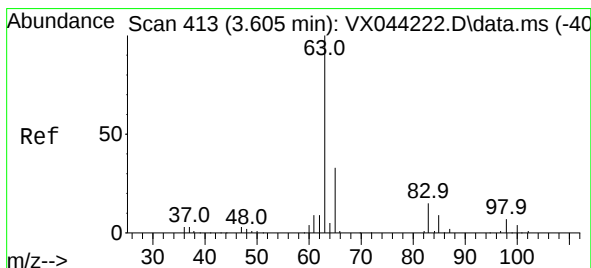
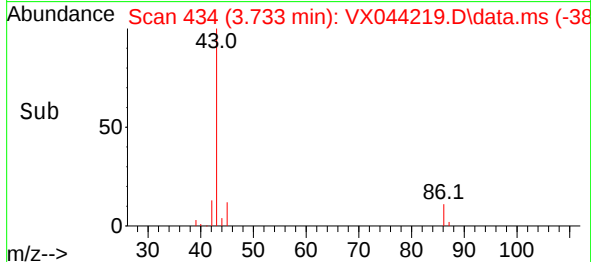
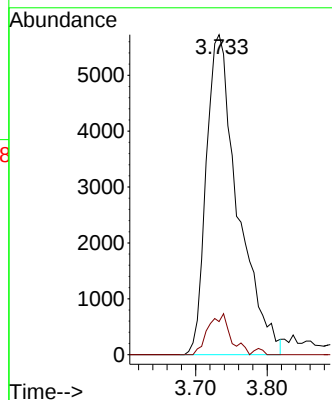
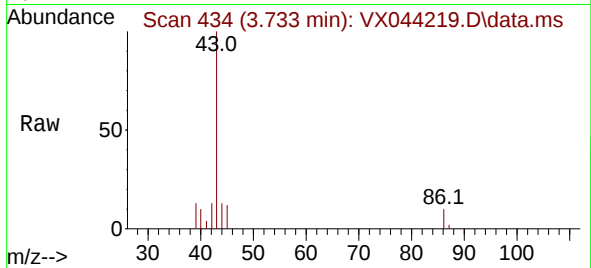




#23
 Vinyl Acetate
 Concen: 3.623 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VX044219.D
 Acq: 11 Dec 2024 10:41

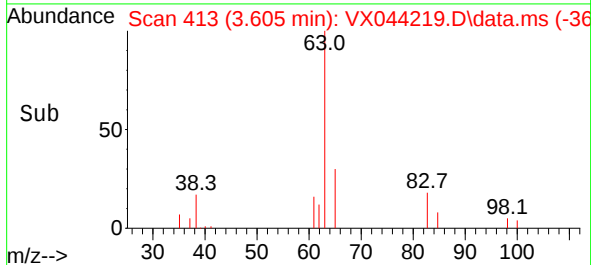
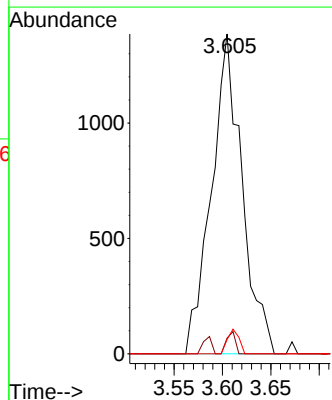
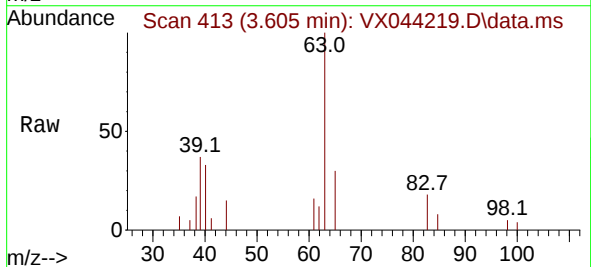
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

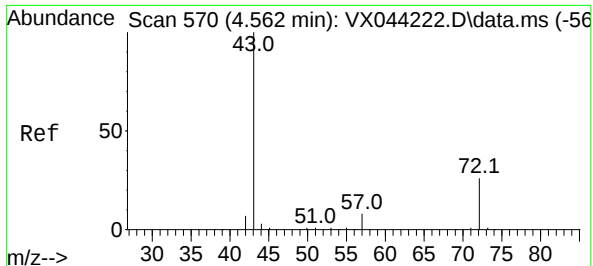
Tgt Ion: 43 Resp: 17578
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.914 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044219.D
 Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 3040
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.6 10.8
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 4.423 ug/l

RT: 4.586 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

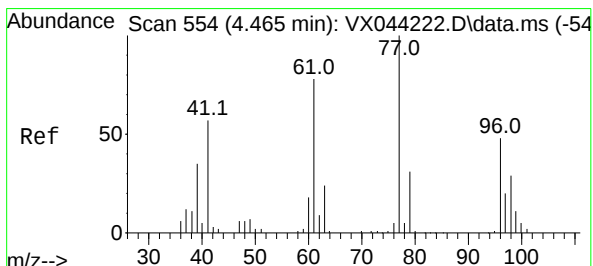
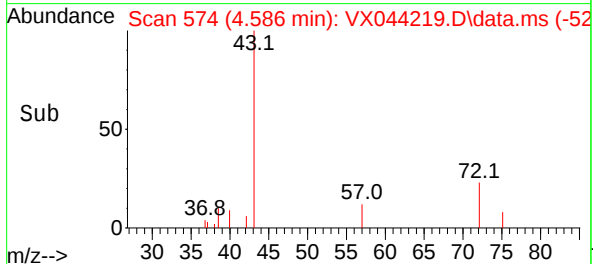
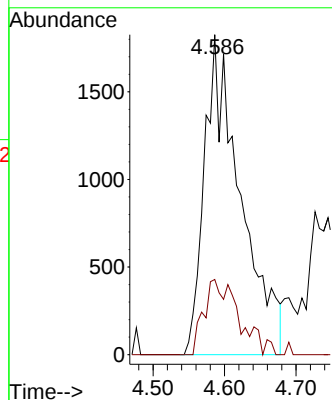
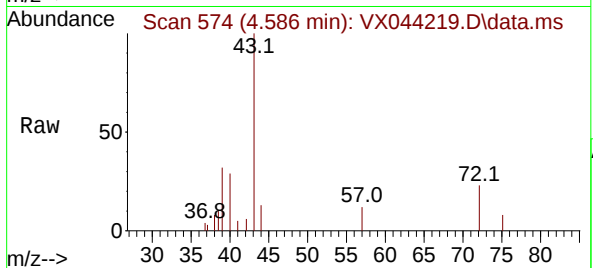
VSTDIC001

Tgt Ion: 43 Resp: 6380

Ion Ratio Lower Upper

43 100

72 23.5 20.2 30.4



#26

2,2-Dichloropropane

Concen: 0.821 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX044219.D

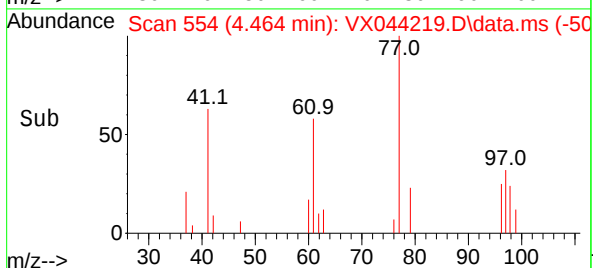
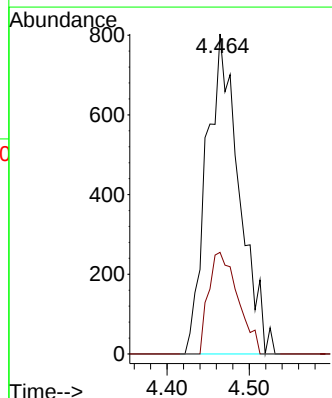
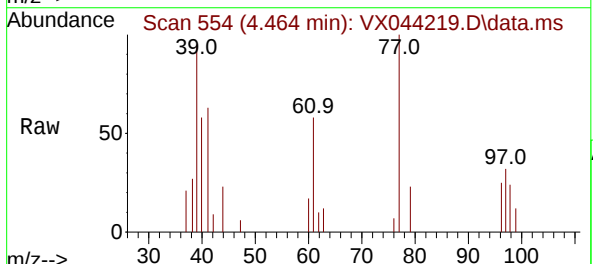
Acq: 11 Dec 2024 10:41

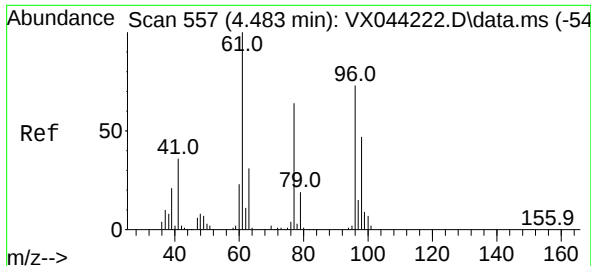
Tgt Ion: 77 Resp: 2220

Ion Ratio Lower Upper

77 100

97 28.4 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 1.069 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

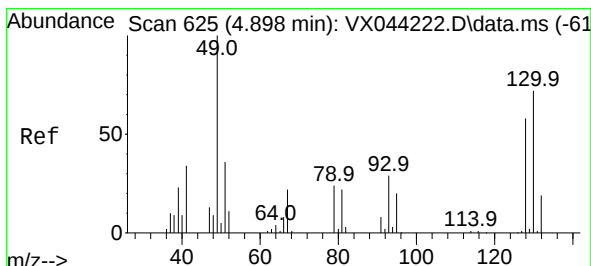
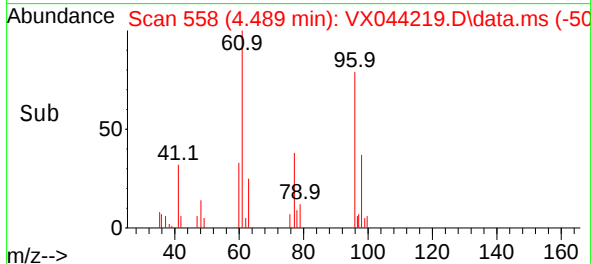
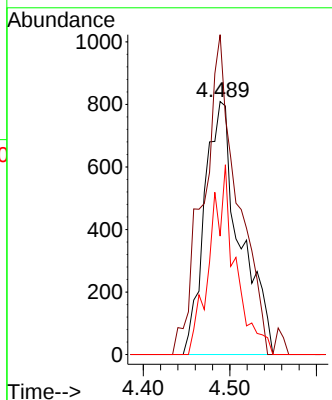
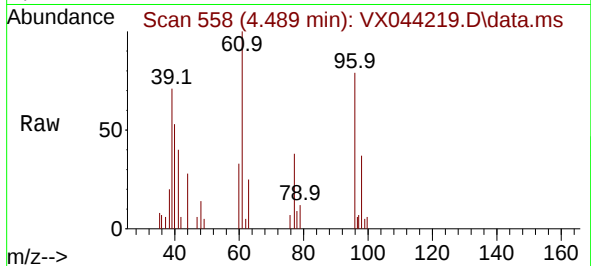
Tgt Ion: 96 Resp: 2296

Ion Ratio Lower Upper

96 100

61 122.2 0.0 299.0

98 54.0 0.0 129.0



#28

Bromochloromethane

Concen: 1.006 ug/l

RT: 4.909 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

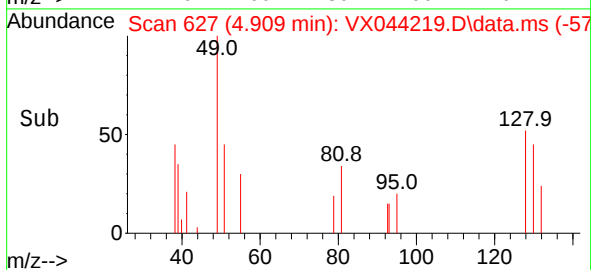
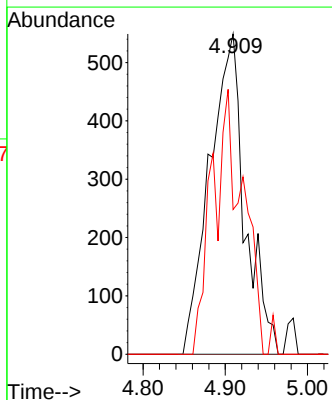
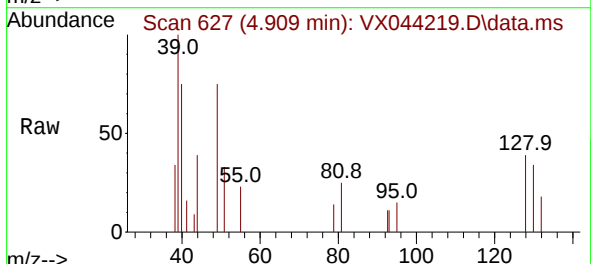
Tgt Ion: 49 Resp: 1641

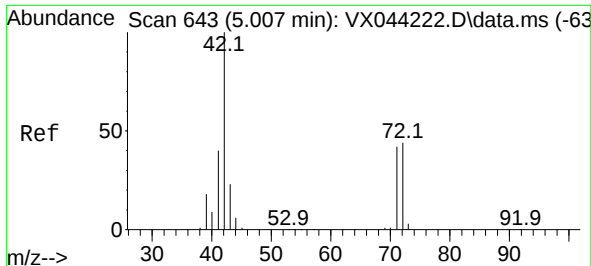
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 52.7 62.1 93.1#





#29

Tetrahydrofuran

Concen: 4.491 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

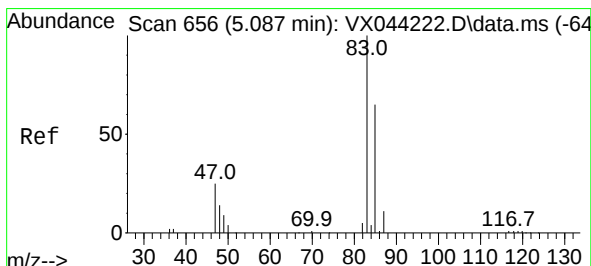
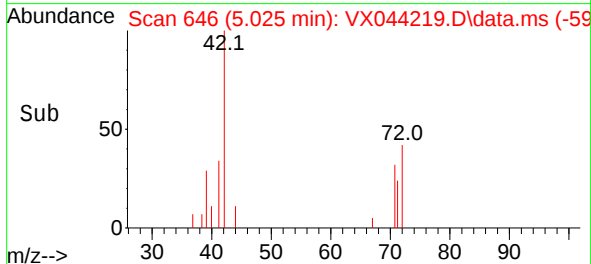
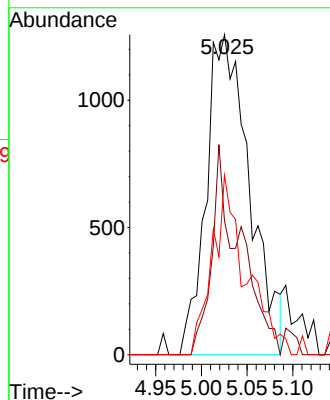
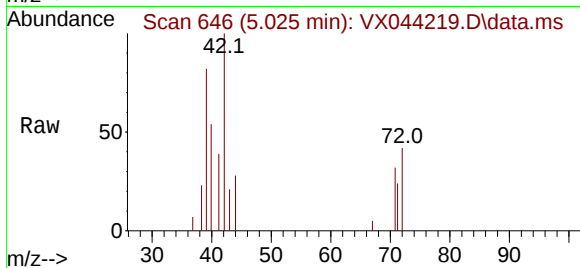
Tgt Ion: 42 Resp: 4158

Ion Ratio Lower Upper

42 100

72 27.0 37.0 55.6#

71 43.1 33.6 50.4



#30

Chloroform

Concen: 1.055 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX044219.D

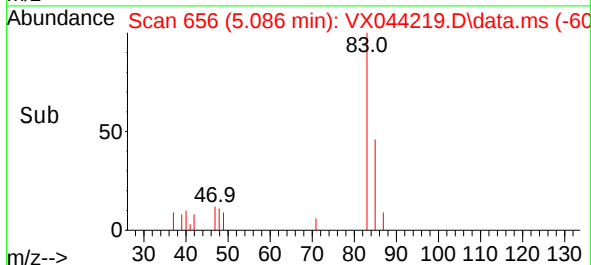
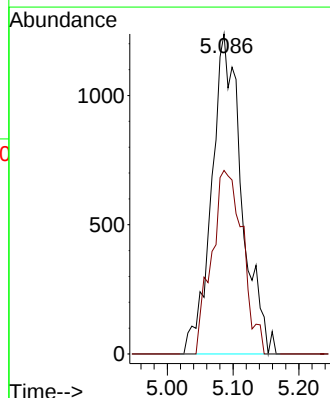
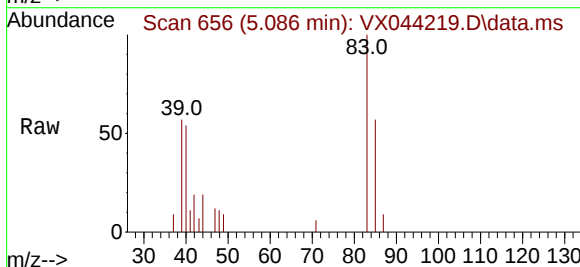
Acq: 11 Dec 2024 10:41

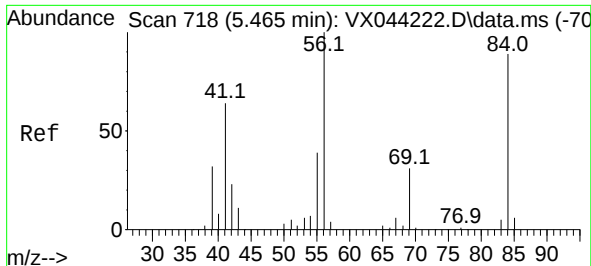
Tgt Ion: 83 Resp: 3943

Ion Ratio Lower Upper

83 100

85 57.4 51.6 77.4

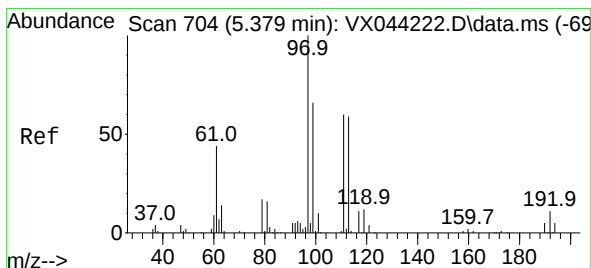
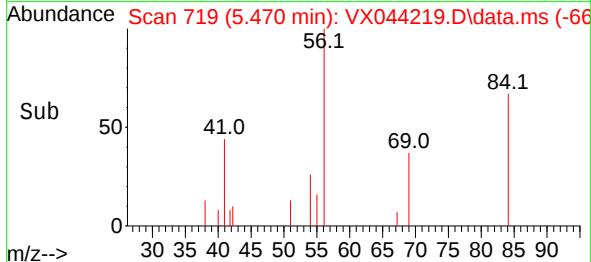
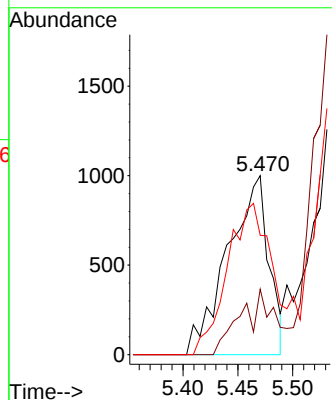
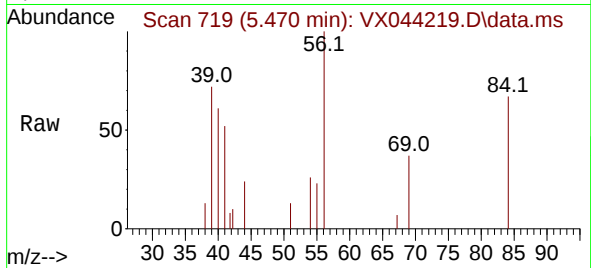




#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

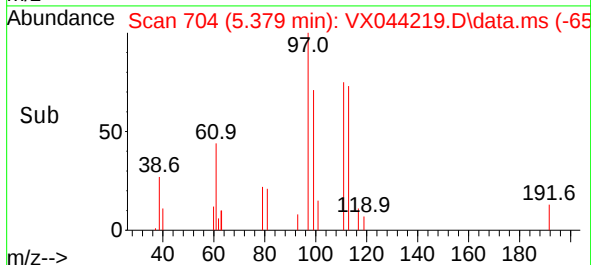
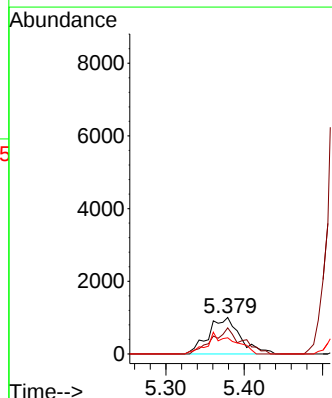
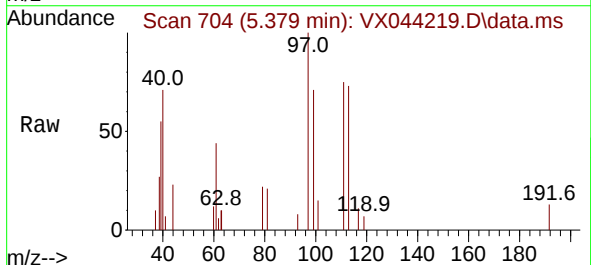
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

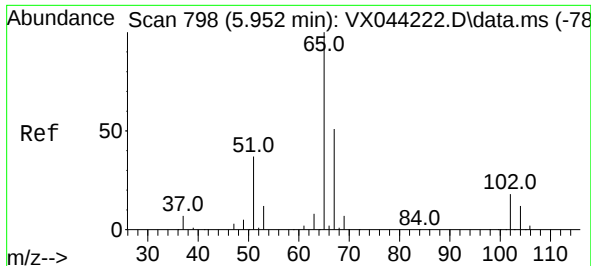
Tgt Ion: 56 Resp: 2594
Ion Ratio Lower Upper
56 100
69 36.5 24.7 37.1
84 66.7 71.0 106.6#



#32
1,1,1-Trichloroethane
Concen: 0.908 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 97 Resp: 2818
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 1.369 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

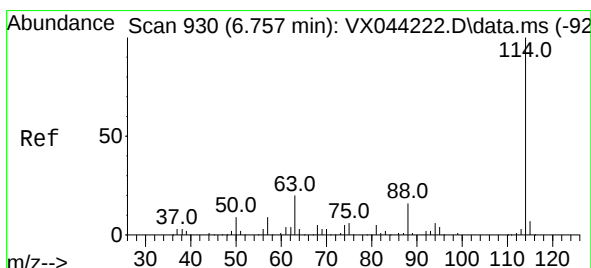
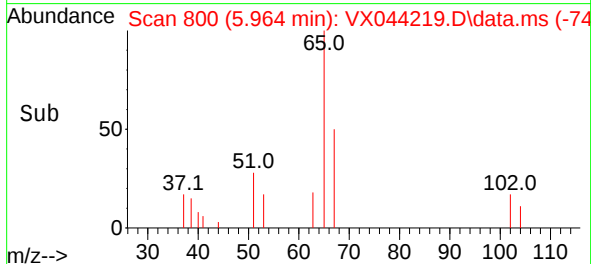
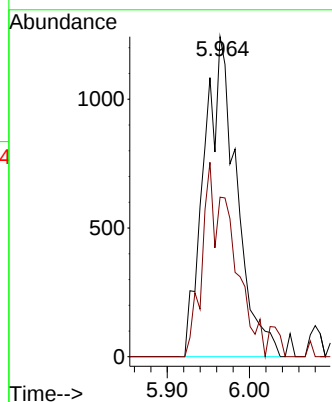
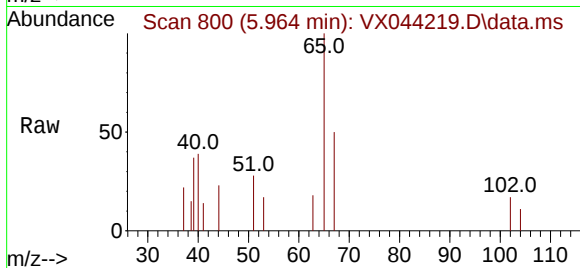
VSTDIC001

Tgt Ion: 65 Resp: 3407

Ion Ratio Lower Upper

65 100

67 24.2 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: VX044219.D

Acq: 11 Dec 2024 10:41

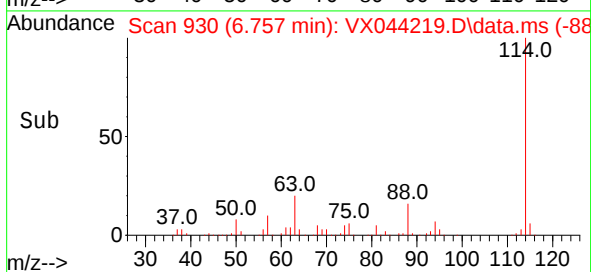
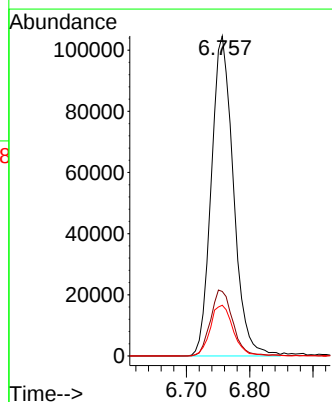
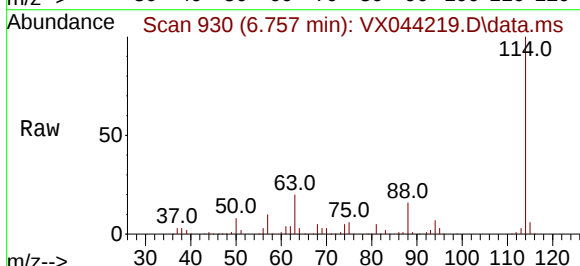
Tgt Ion: 114 Resp: 253574

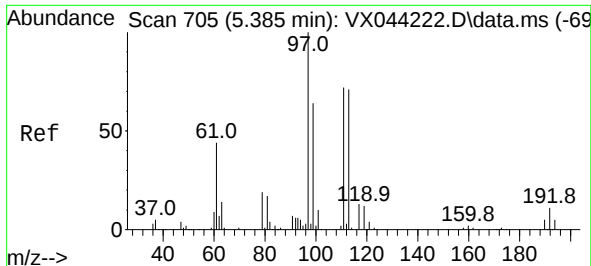
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 1.205 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

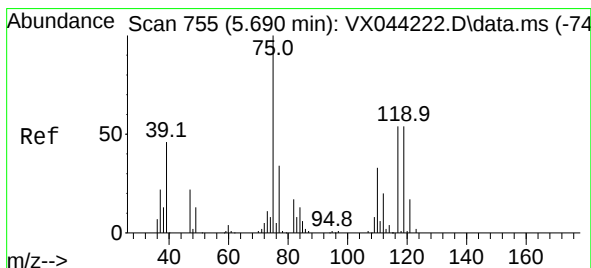
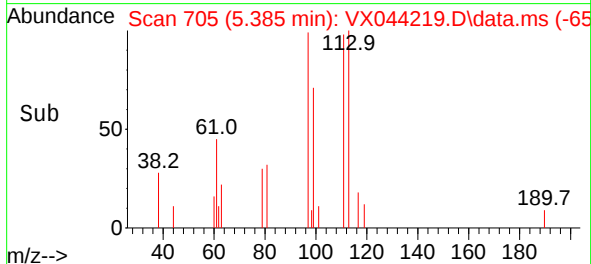
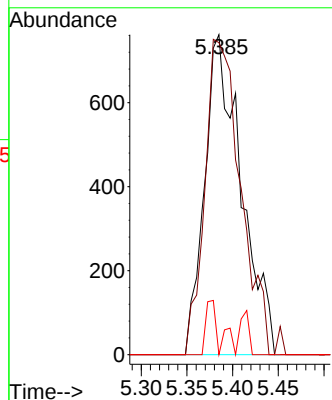
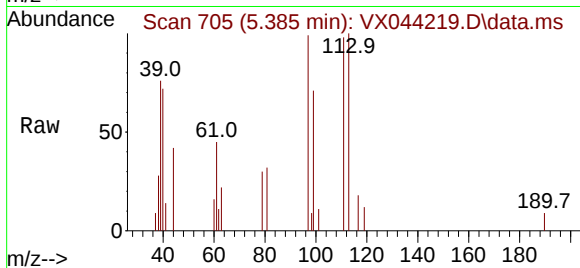
Tgt Ion:113 Resp: 2117

Ion Ratio Lower Upper

113 100

111 96.5 80.4 120.6

192 5.4 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 0.519 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

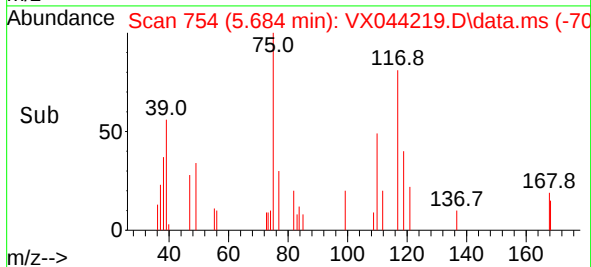
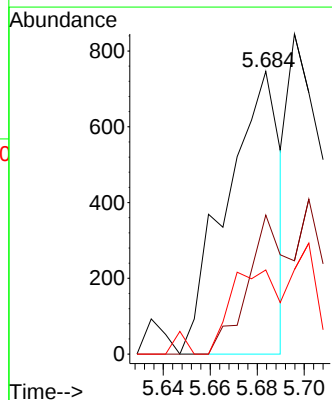
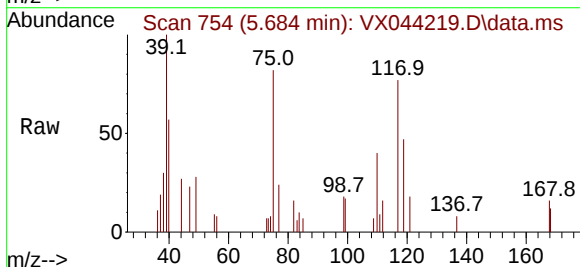
Tgt Ion: 75 Resp: 1178

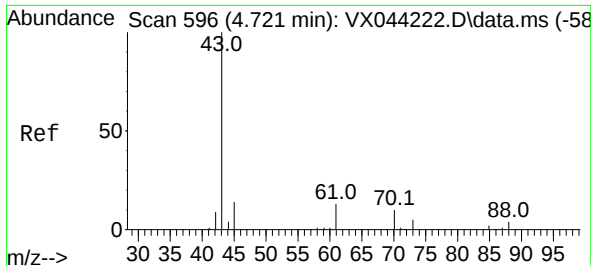
Ion Ratio Lower Upper

75 100

110 38.7 17.3 51.7

77 26.7 25.4 38.0





#37

Ethyl Acetate

Concen: 0.969 ug/l

RT: 4.727 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

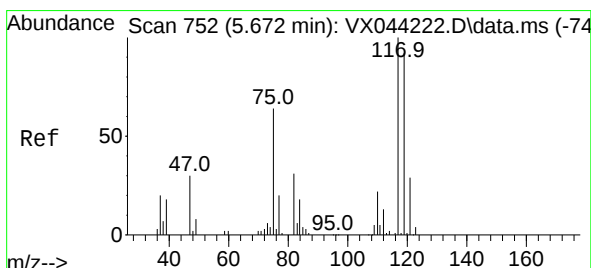
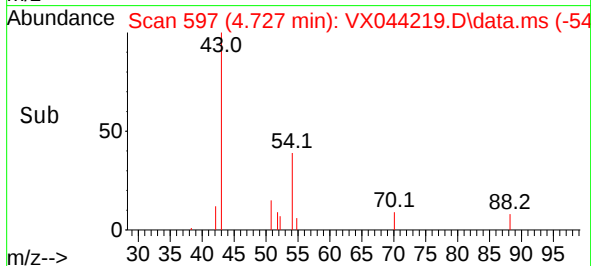
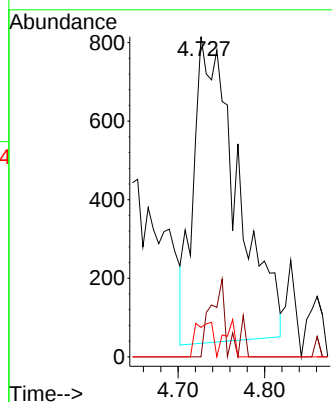
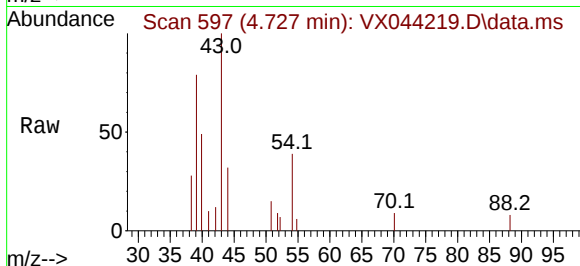
Tgt Ion: 43 Resp: 2718

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 1.004 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

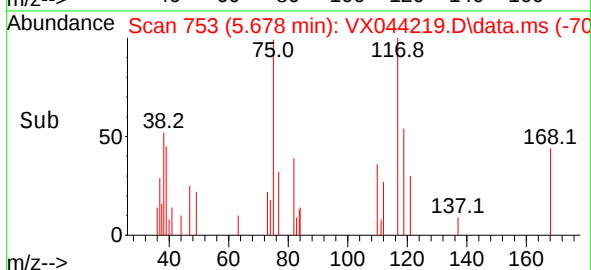
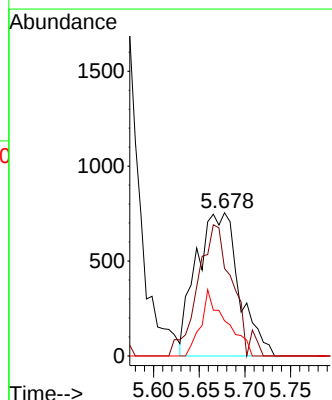
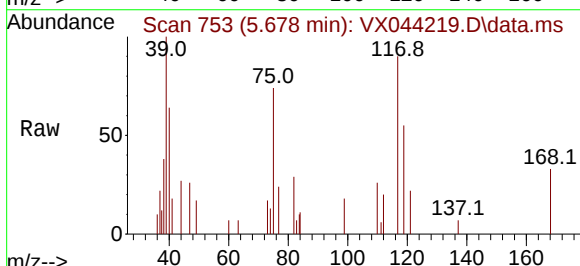
Tgt Ion: 117 Resp: 2454

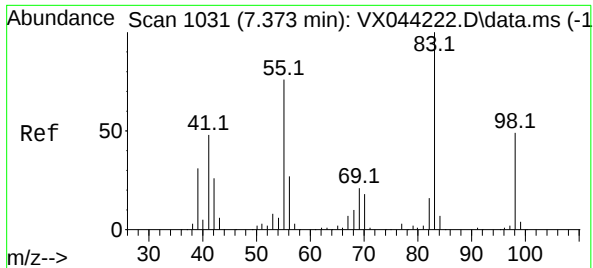
Ion Ratio Lower Upper

117 100

119 61.1 74.2 111.4#

121 24.5 23.0 34.6

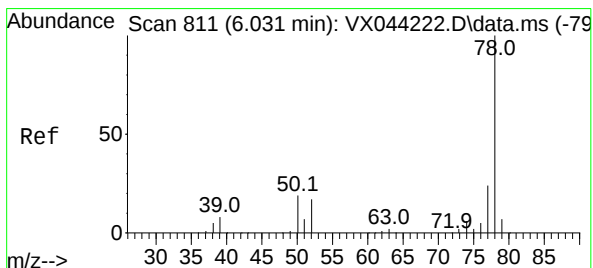
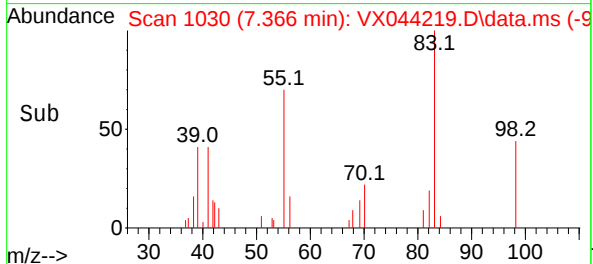
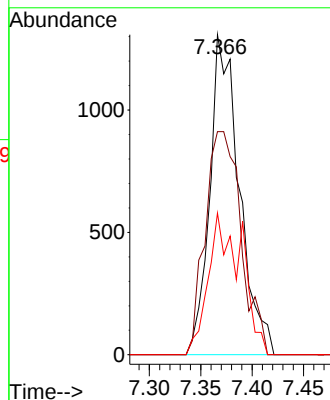
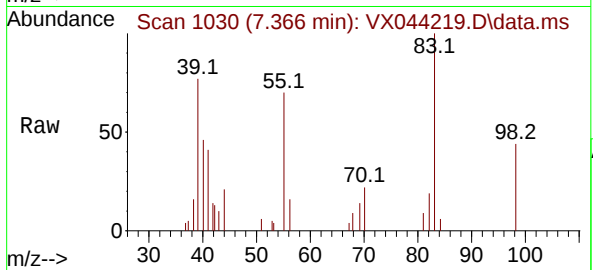




#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

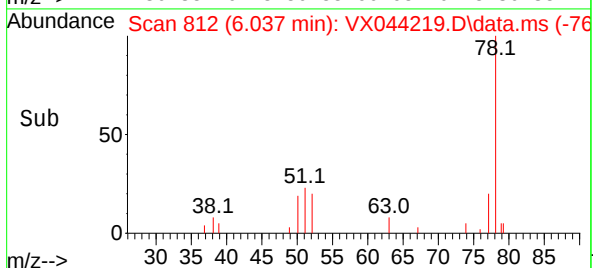
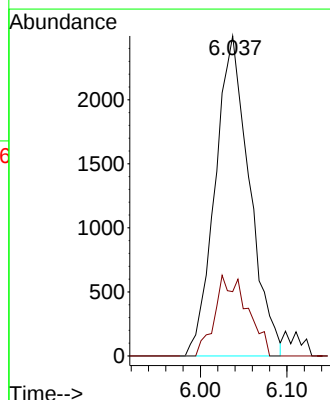
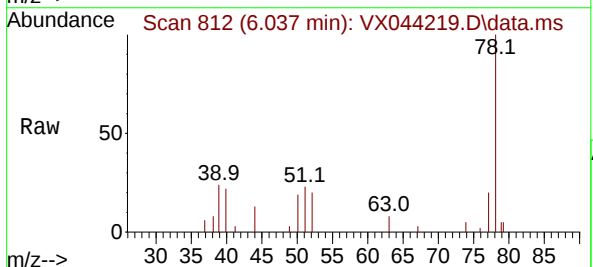
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

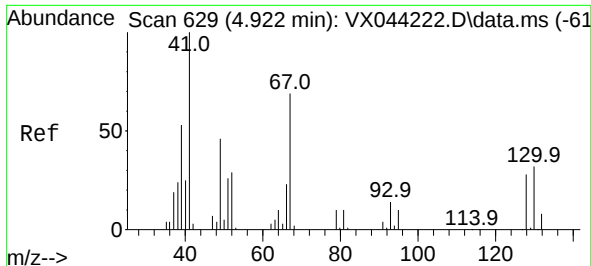
Tgt Ion: 83 Resp: 2606
Ion Ratio Lower Upper
83 100
55 69.7 60.7 91.1
98 44.3 38.9 58.3



#40
Benzene
Concen: 0.996 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 78 Resp: 6864
Ion Ratio Lower Upper
78 100
77 20.1 19.3 28.9

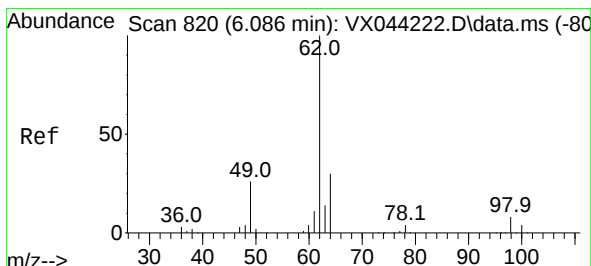
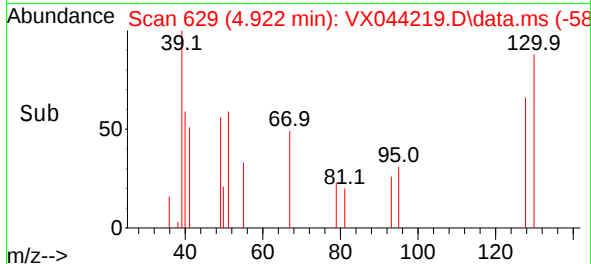
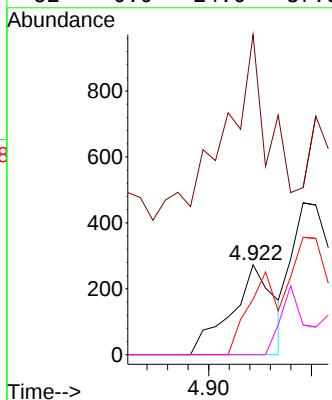
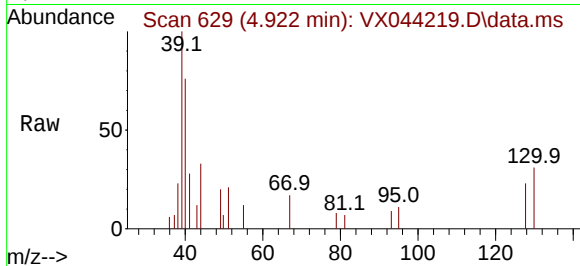




#41
Methacrylonitrile
Concen: 0.262 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

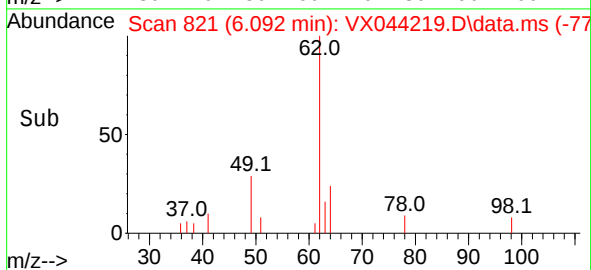
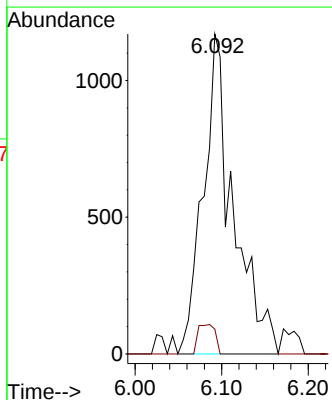
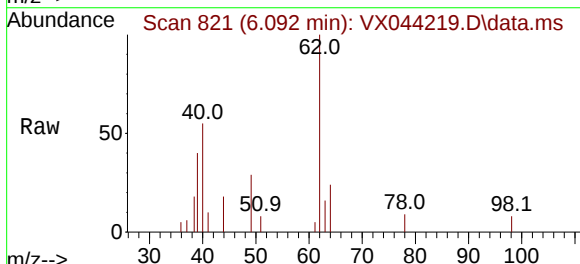
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

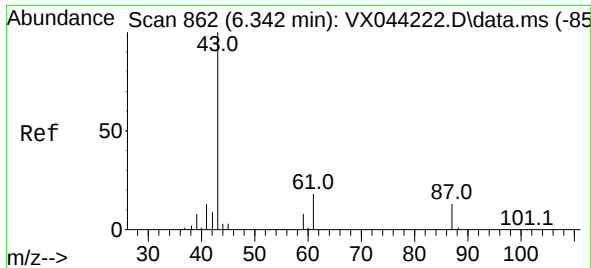
Tgt Ion:	41	Resp:	390
Ion	Ratio	Lower	Upper
41	100		
39	216.9	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.990 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:	62	Resp:	2810
Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.851 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

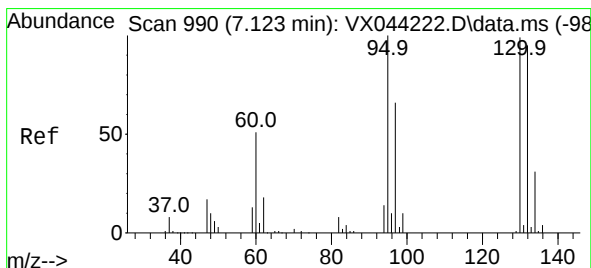
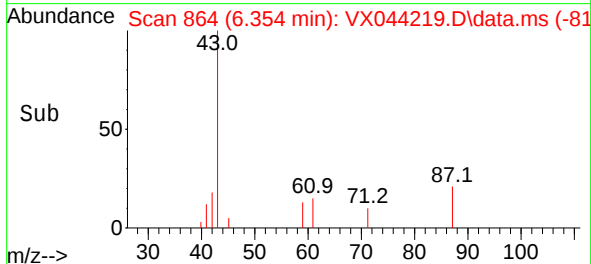
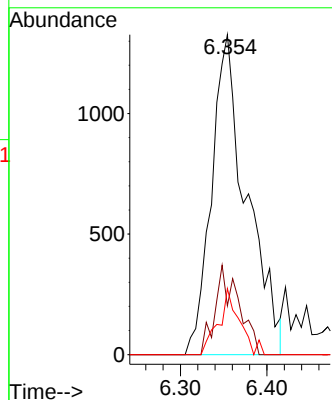
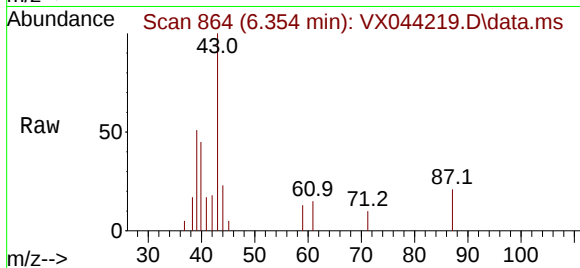
Tgt Ion: 43 Resp: 3734

Ion Ratio Lower Upper

43 100

61 18.9 14.2 21.2

87 12.4 10.2 15.2



#44

Trichloroethene

Concen: 1.051 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044219.D

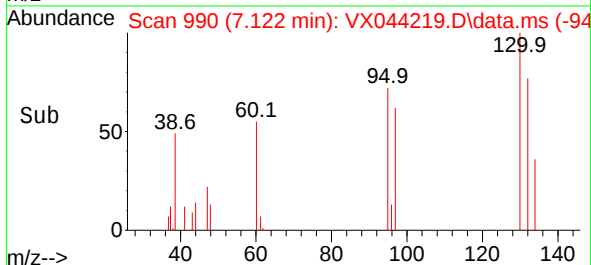
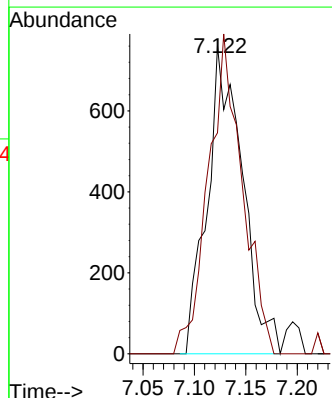
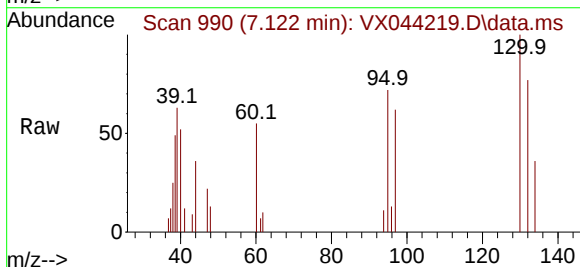
Acq: 11 Dec 2024 10:41

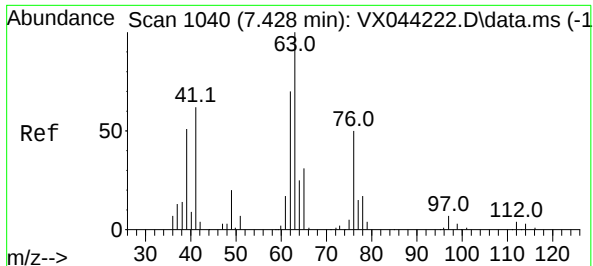
Tgt Ion:130 Resp: 1806

Ion Ratio Lower Upper

130 100

95 71.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 1.059 ug/l

RT: 7.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

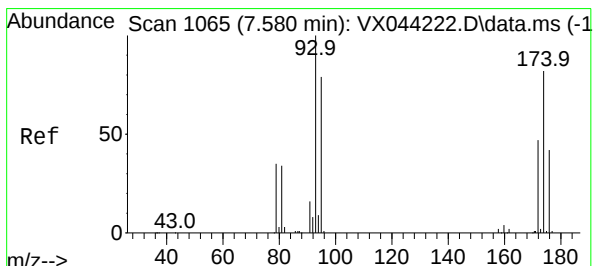
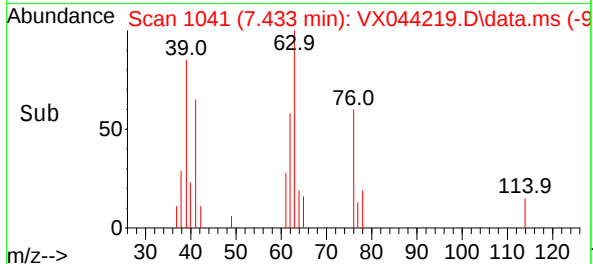
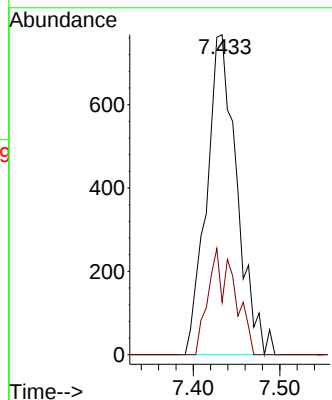
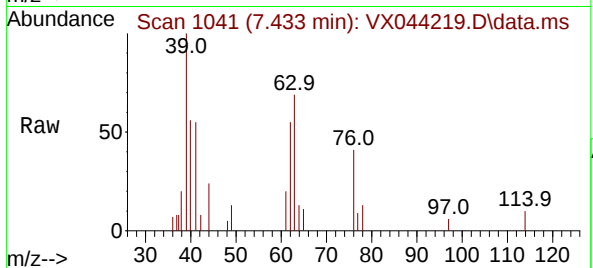
VSTDIC001

Tgt Ion: 63 Resp: 1865

Ion Ratio Lower Upper

63 100

65 16.4 24.6 37.0#



#46

Dibromomethane

Concen: 0.916 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

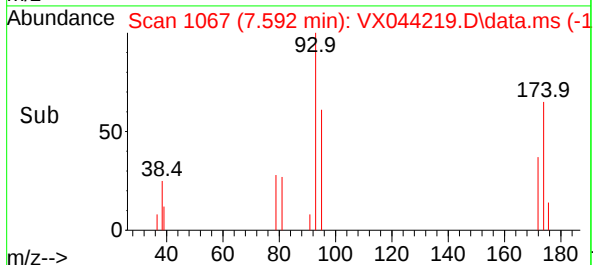
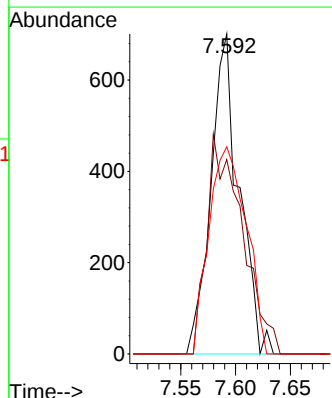
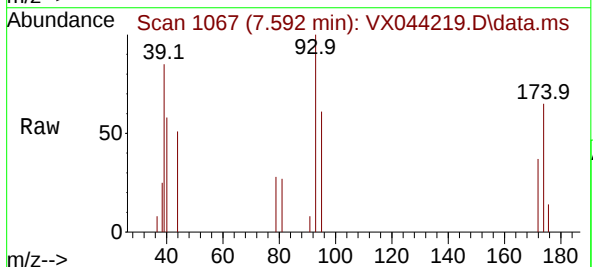
Tgt Ion: 93 Resp: 1251

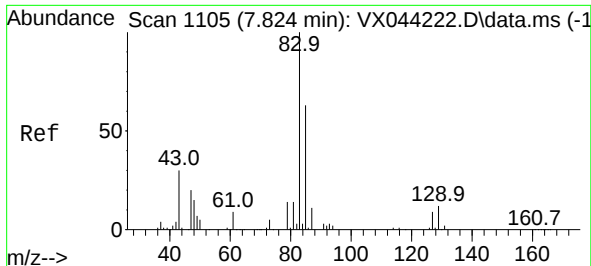
Ion Ratio Lower Upper

93 100

95 85.8 65.4 98.2

174 86.3 67.9 101.9





#47

Bromodichloromethane

Concen: 0.816 ug/l

RT: 7.830 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

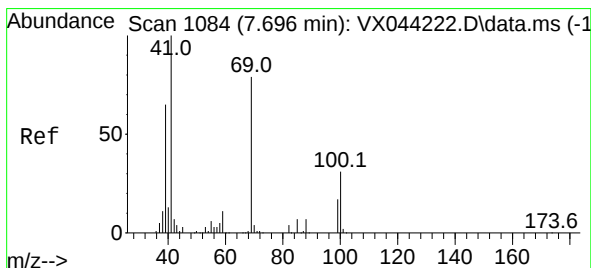
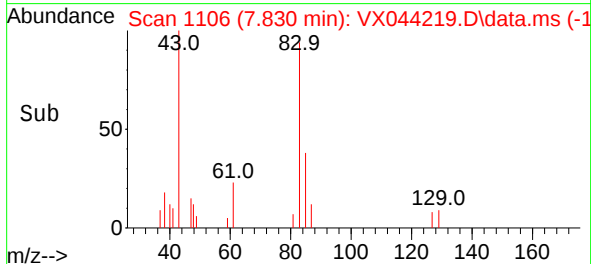
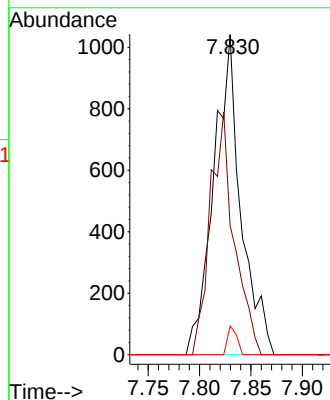
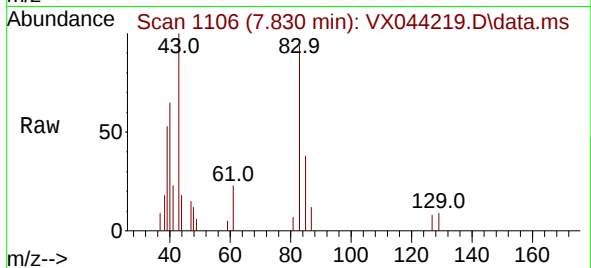
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	83	Resp:	1926
Ion	Ratio	Lower	Upper
83	100		
85	40.3	50.6	75.8#
127	9.0	7.3	10.9



#48

Methyl methacrylate

Concen: 1.018 ug/l

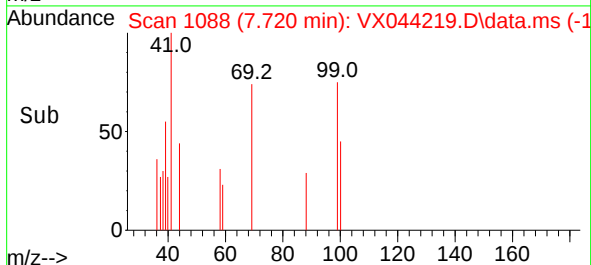
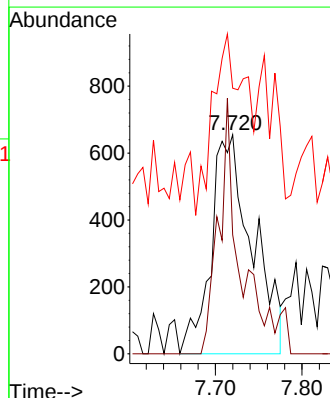
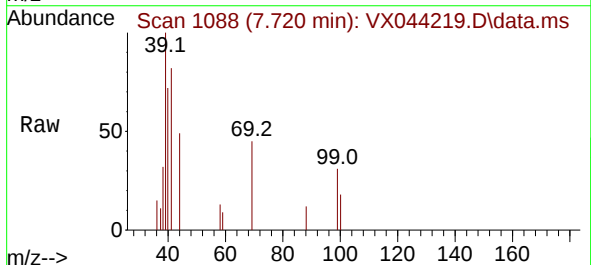
RT: 7.720 min Scan# 1088

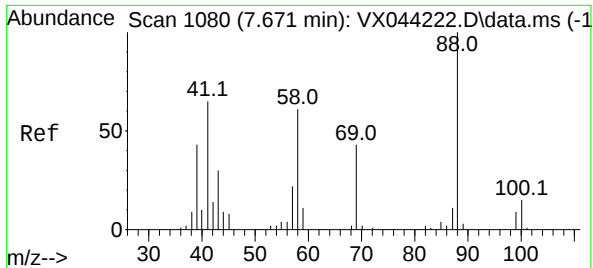
Delta R.T. 0.024 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Tgt Ion:	41	Resp:	2168
Ion	Ratio	Lower	Upper
41	100		
69	43.9	62.4	93.6#
39	64.1	53.3	79.9

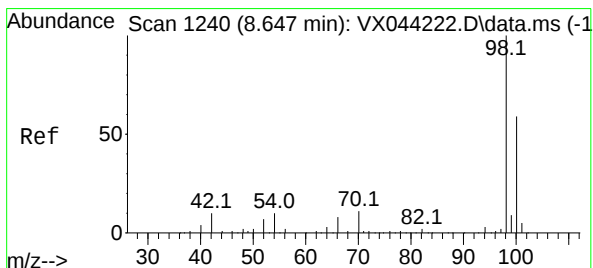
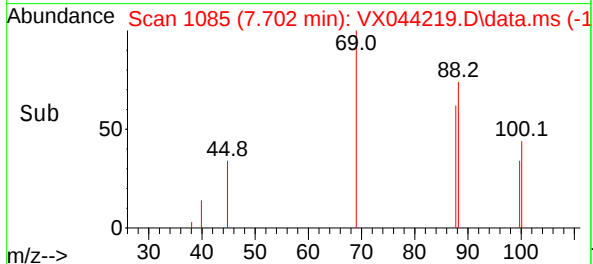
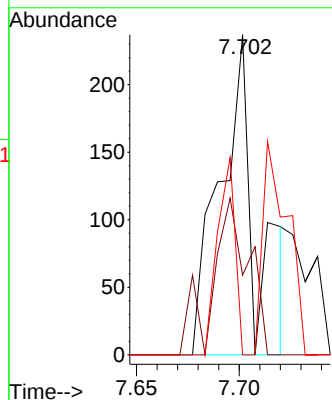
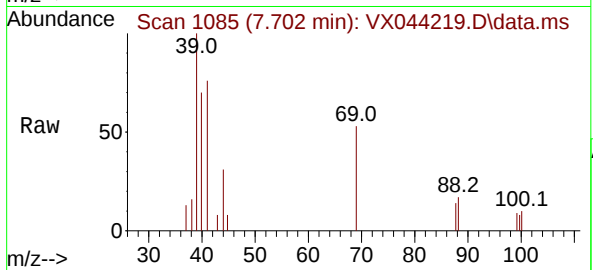




#49
1,4-Dioxane
Concen: 7.943 ug/l
RT: 7.702 min Scan# 11
Delta R.T. 0.030 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

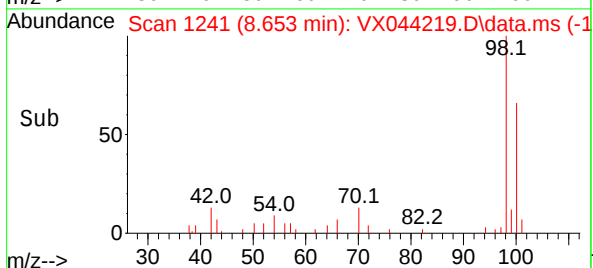
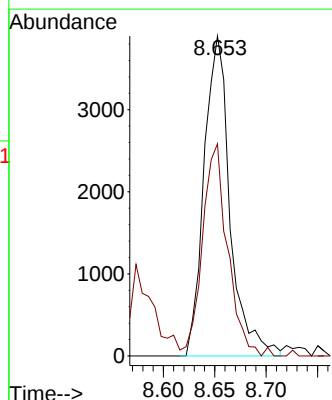
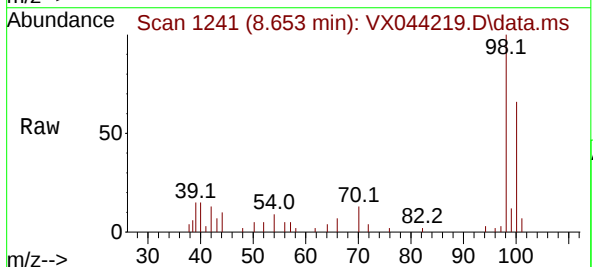
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

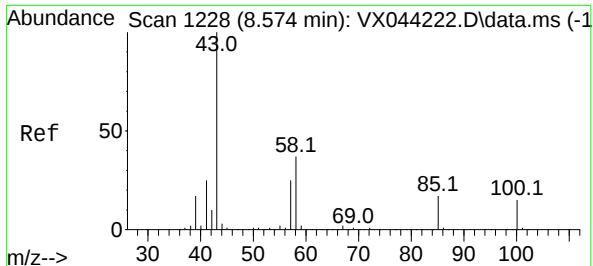
Tgt Ion: 88 Resp: 289
Ion Ratio Lower Upper
88 100
43 49.1 27.1 40.7#
58 30.1 41.0 61.4#



#50
Toluene-d8
Concen: 1.156 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 98 Resp: 6848
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

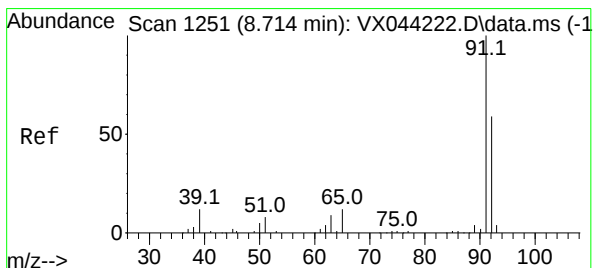
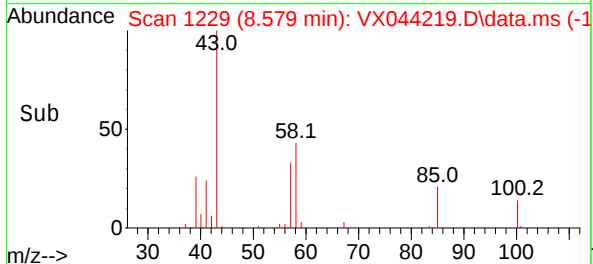
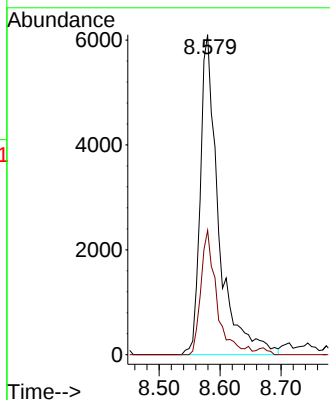
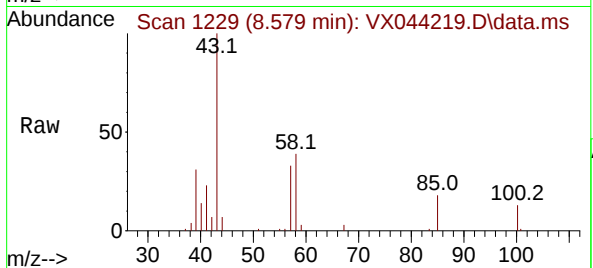




#51
4-Methyl-2-Pentanone
Concen: 4.547 ug/l
RT: 8.579 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

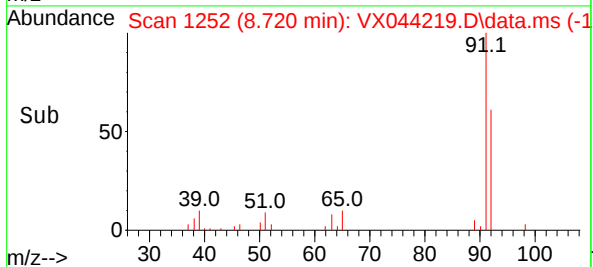
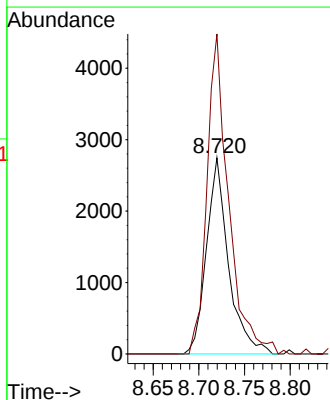
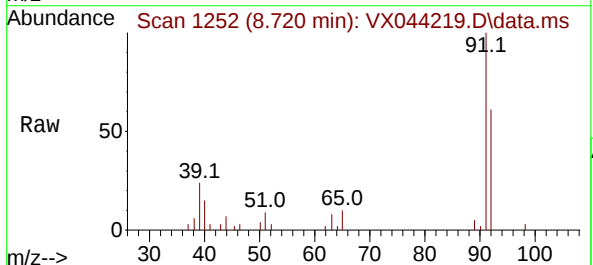
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

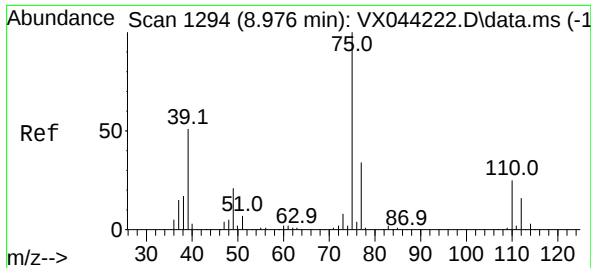
Tgt Ion: 43 Resp: 12824
Ion Ratio Lower Upper
43 100
58 34.0 29.4 44.0



#52
Toluene
Concen: 1.064 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 92 Resp: 4606
Ion Ratio Lower Upper
92 100
91 160.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 1.694 ug/l

RT: 8.988 min Scan# 1194

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

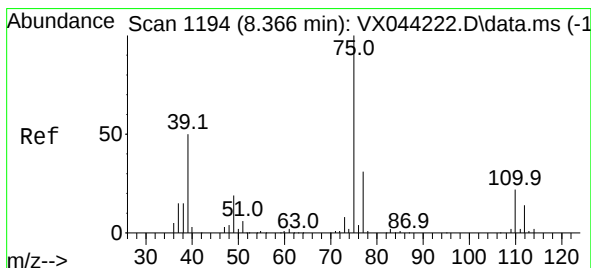
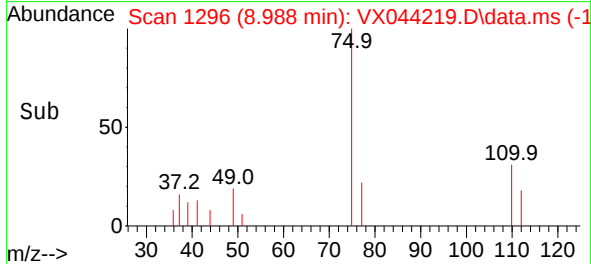
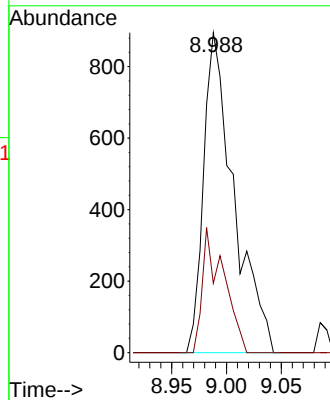
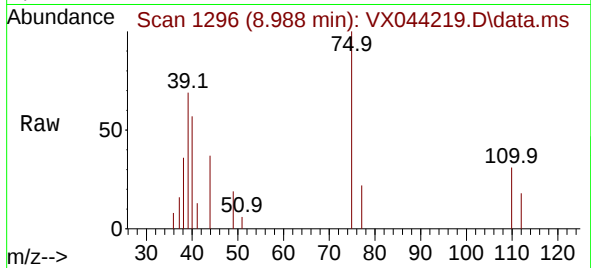
VSTDIC001

Tgt Ion: 75 Resp: 1716

Ion Ratio Lower Upper

75 100

77 21.7 27.2 40.8#



#54

cis-1,3-Dichloropropene

Concen: 0.797 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

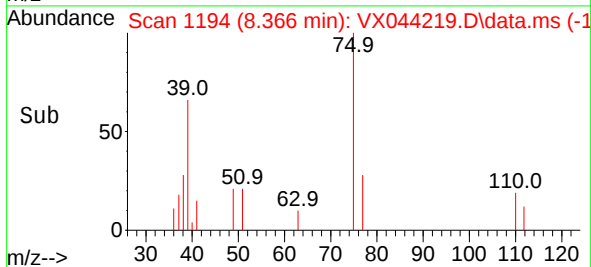
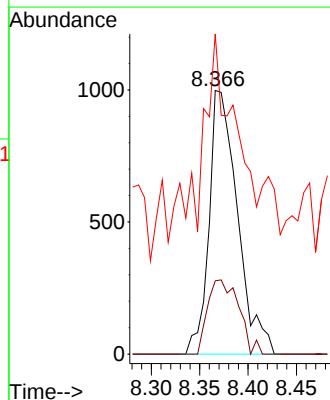
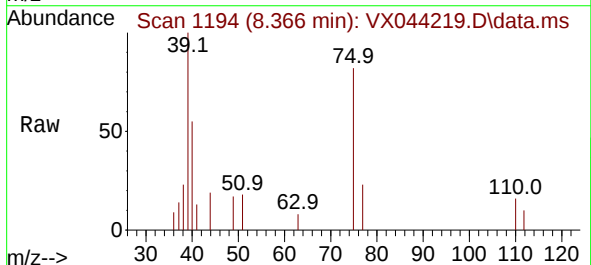
Tgt Ion: 75 Resp: 2048

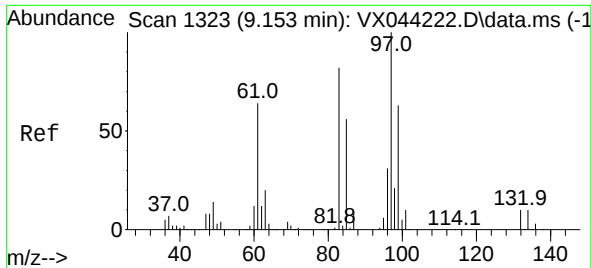
Ion Ratio Lower Upper

75 100

77 27.8 24.7 37.1

39 76.2 40.3 60.5#



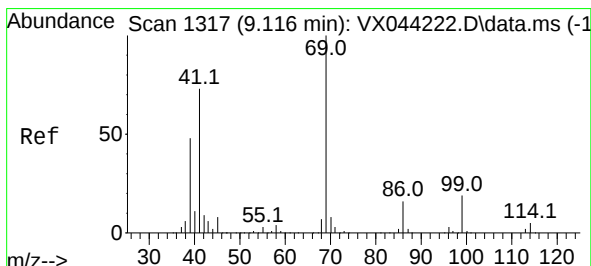
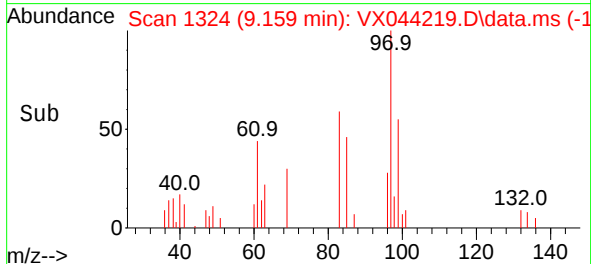
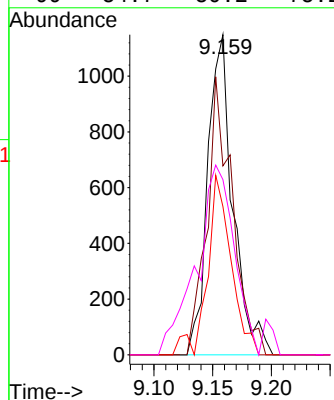
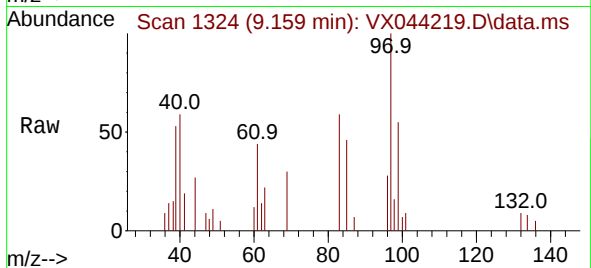


#55
1,1,2-Trichloroethane
Concen: 0.994 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 1710

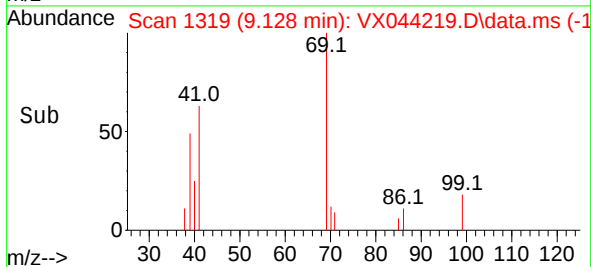
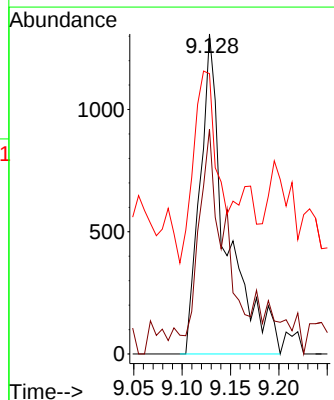
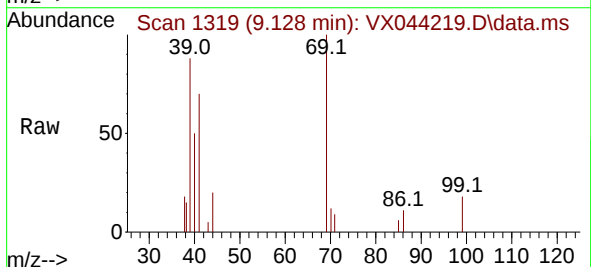
Ion	Ratio	Lower	Upper
97	100		
83	59.0	65.3	97.9#
85	46.3	44.6	67.0
99	54.7	50.2	75.2

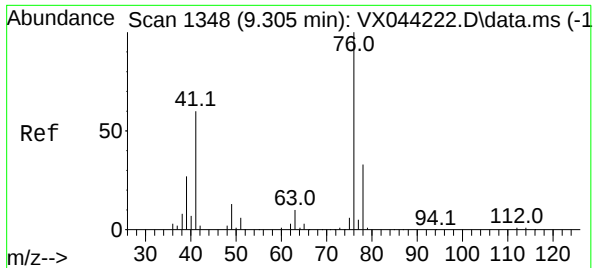


#56
Ethyl methacrylate
Concen: 0.917 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 69 Resp: 2490

Ion	Ratio	Lower	Upper
69	100		
41	55.7	56.6	85.0#
39	53.1	37.4	56.0

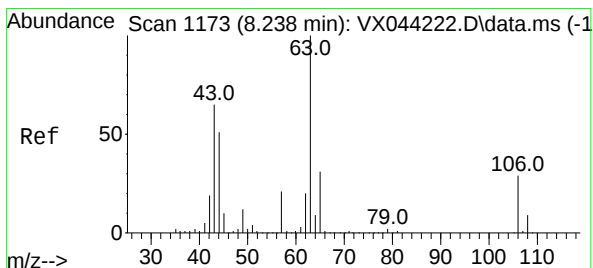
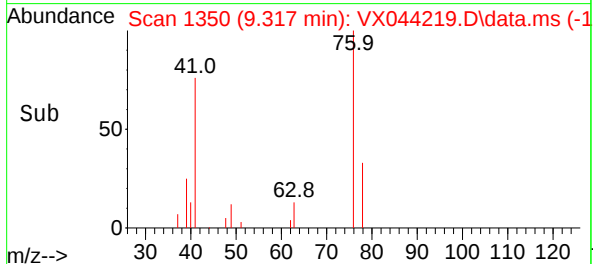
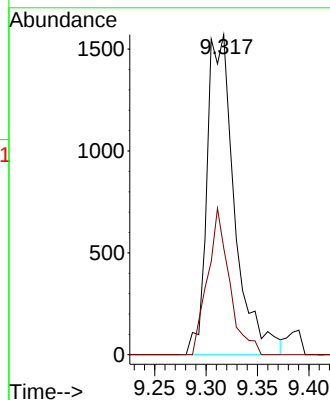
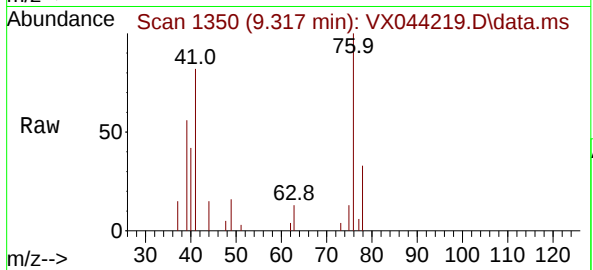




#57
1,3-Dichloropropane
Concen: 0.979 ug/l
RT: 9.317 min Scan# 11350
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

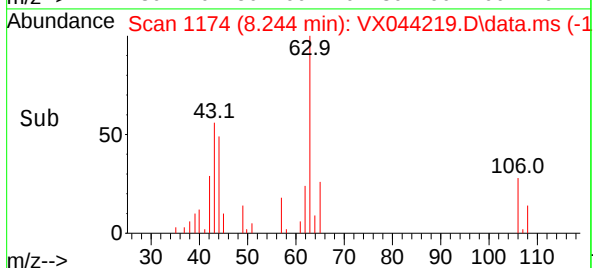
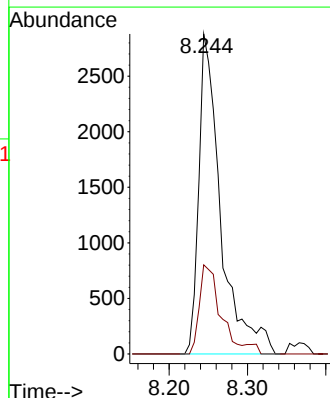
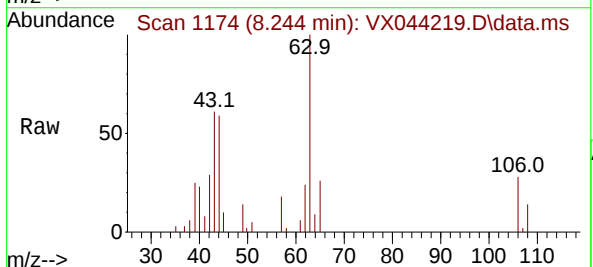
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

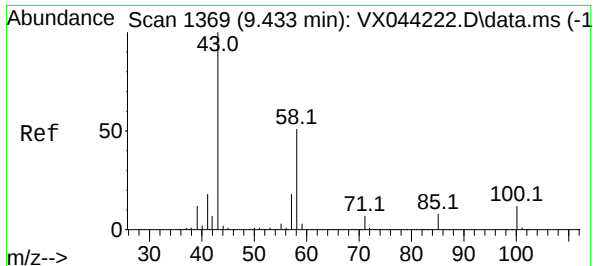
Tgt Ion: 76 Resp: 2929
Ion Ratio Lower Upper
76 100
78 36.5 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 4.105 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 63 Resp: 5621
Ion Ratio Lower Upper
63 100
106 26.2 22.8 34.2

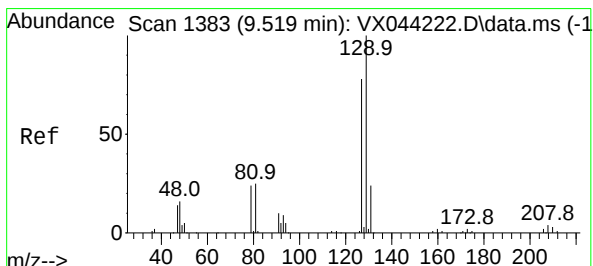
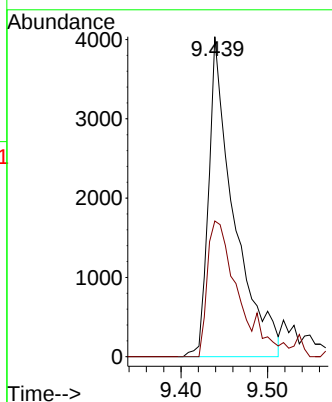
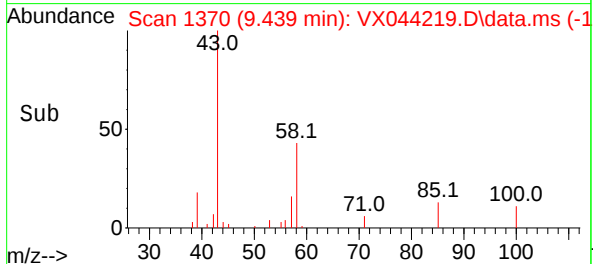
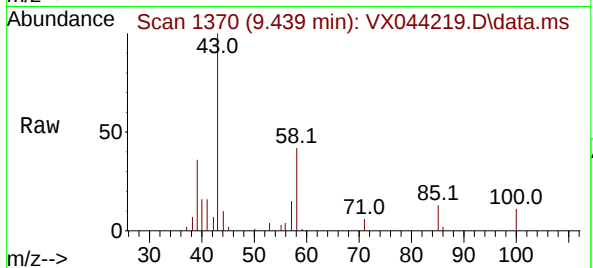




#59
2-Hexanone
Concen: 4.017 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

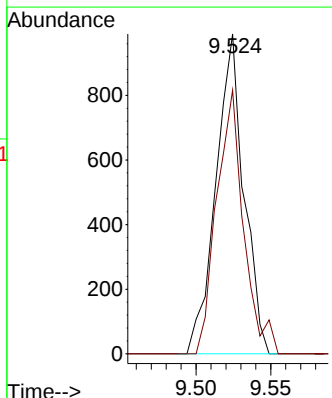
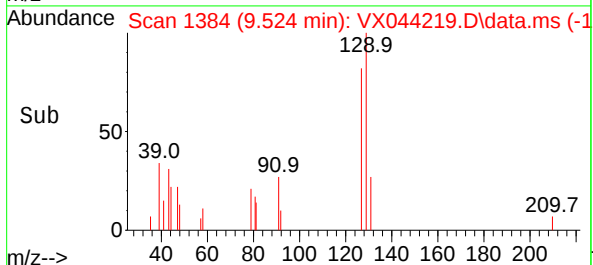
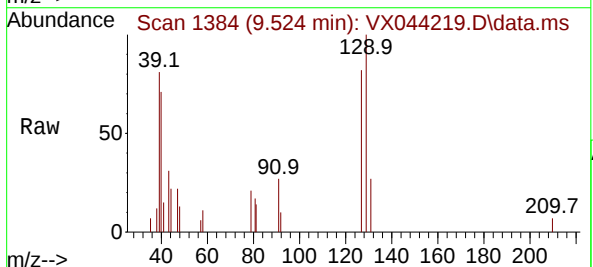
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

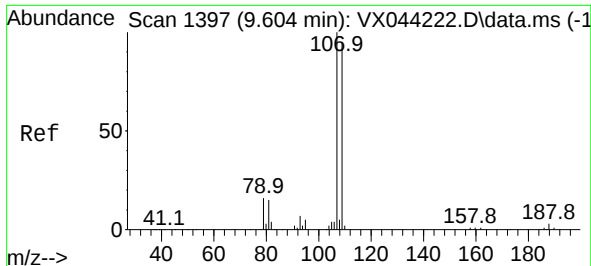
Tgt Ion: 43 Resp: 8199
Ion Ratio Lower Upper
43 100
58 52.5 25.7 77.0



#60
Dibromochloromethane
Concen: 1.953 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 129 Resp: 1289
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 0.877 ug/l

RT: 9.610 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

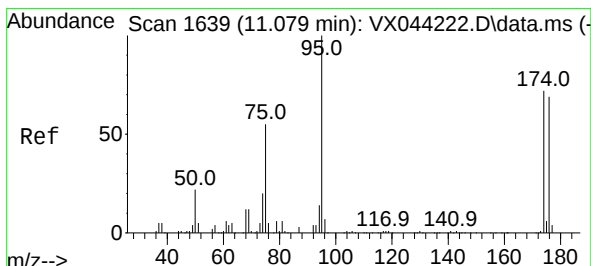
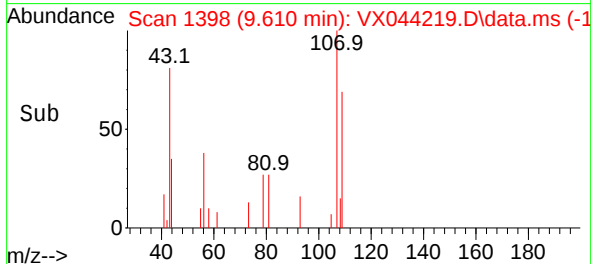
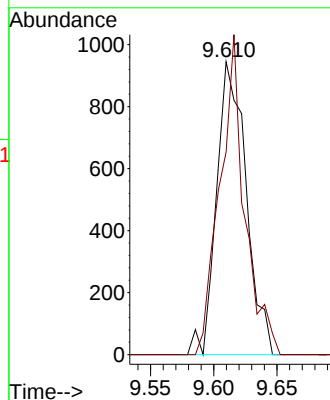
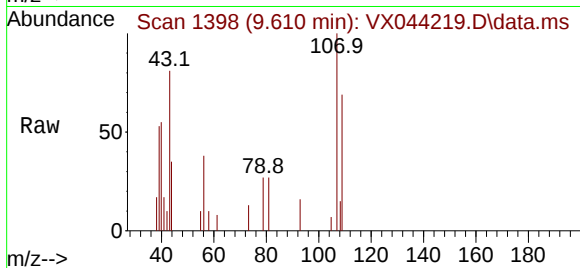
VSTDIC001

Tgt Ion:107 Resp: 1535

Ion Ratio Lower Upper

107 100

109 91.3 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 1.158 ug/l

RT: 11.091 min Scan# 1641

Delta R.T. 0.012 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

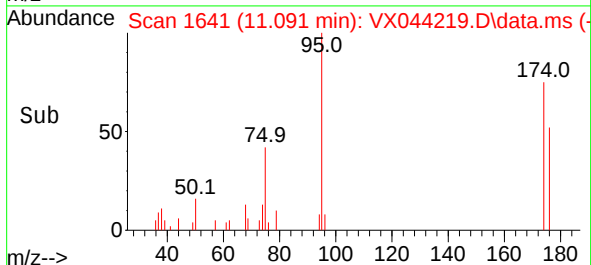
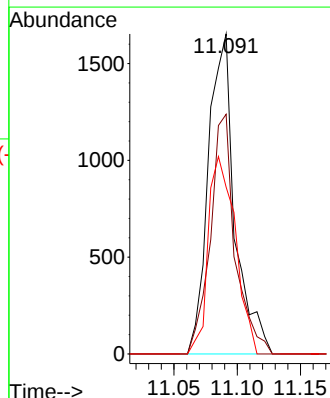
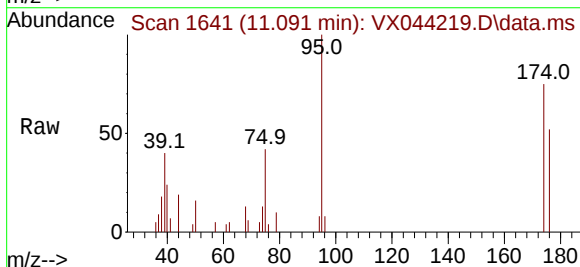
Tgt Ion: 95 Resp: 2398

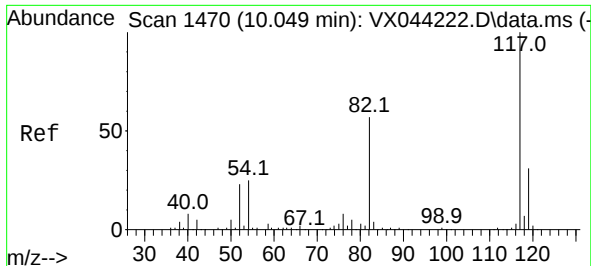
Ion Ratio Lower Upper

95 100

174 70.4 0.0 145.8

176 63.4 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

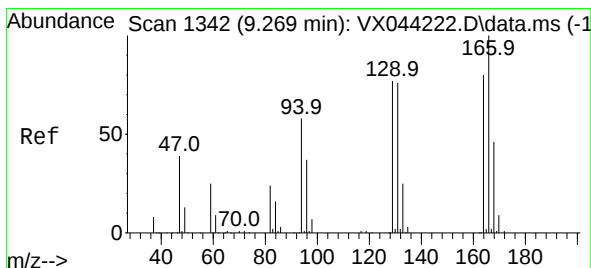
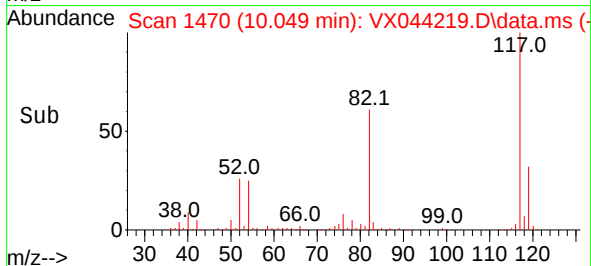
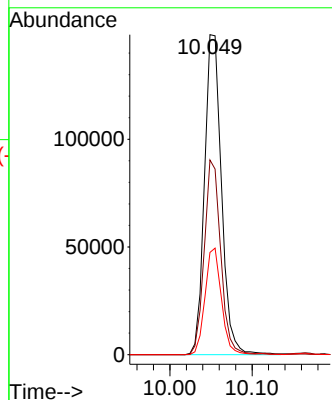
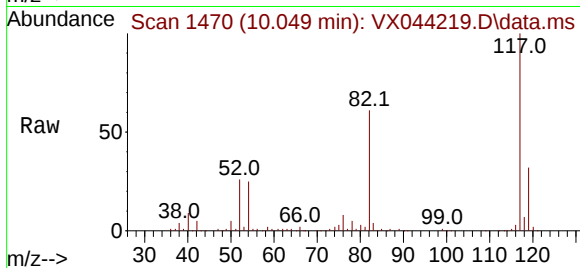
Tgt Ion:117 Resp: 213862

Ion Ratio Lower Upper

117 100

82 60.9 45.8 68.8

119 32.0 25.0 37.4



#64

Tetrachloroethene

Concen: 1.082 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Tgt Ion:164 Resp: 1536

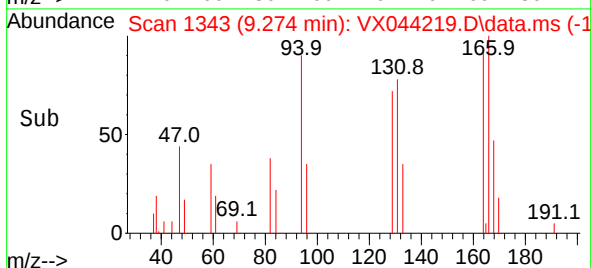
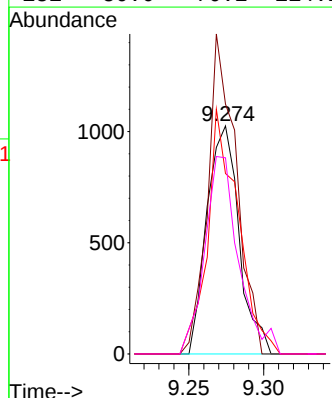
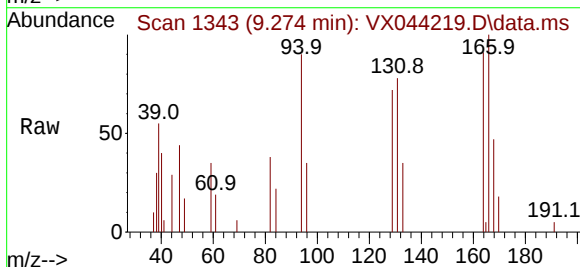
Ion Ratio Lower Upper

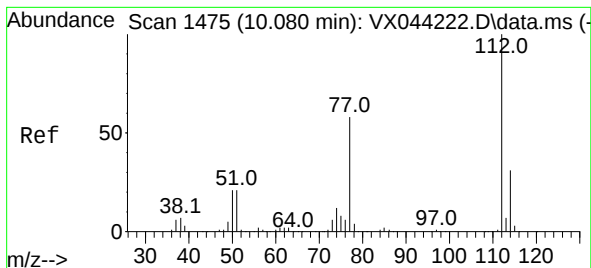
164 100

166 109.7 100.4 150.6

129 79.2 77.2 115.8

131 86.0 76.2 114.2

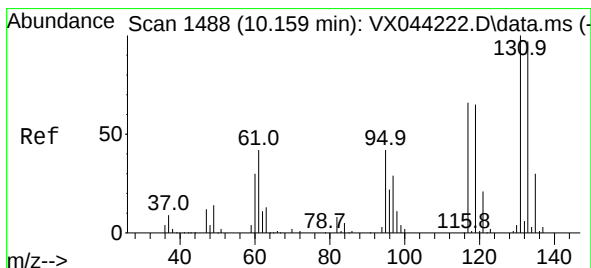
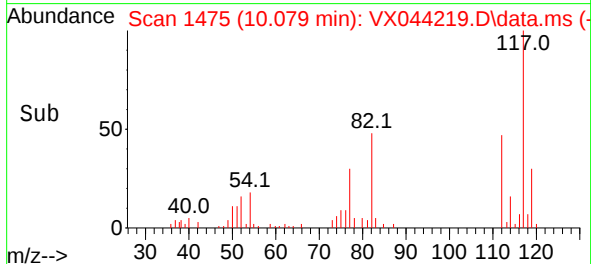
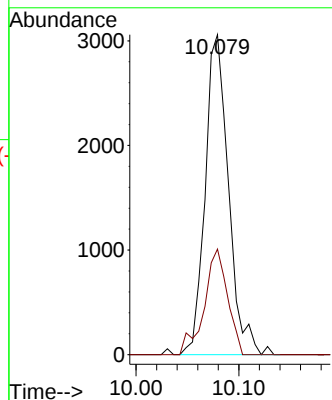
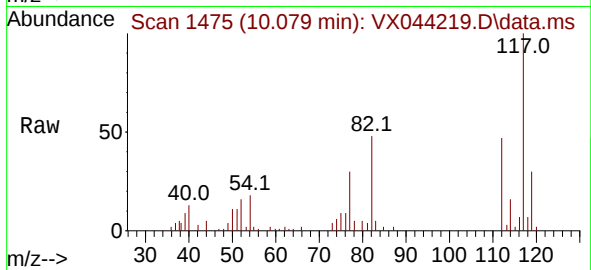




#65
Chlorobenzene
Concen: 1.055 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

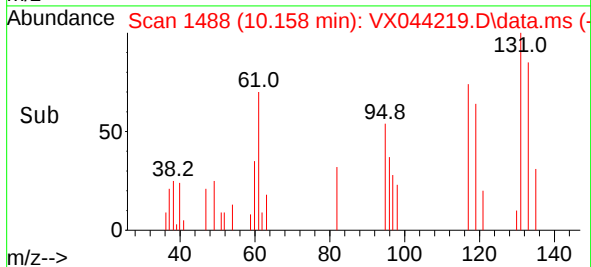
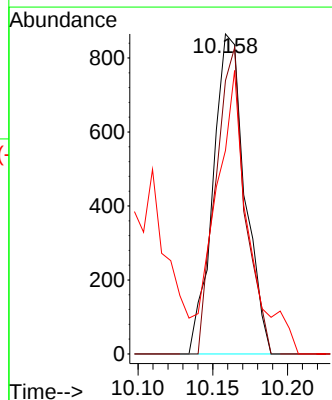
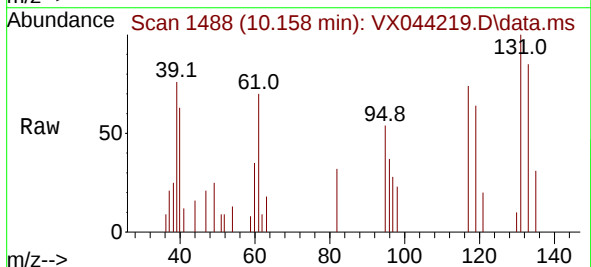
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

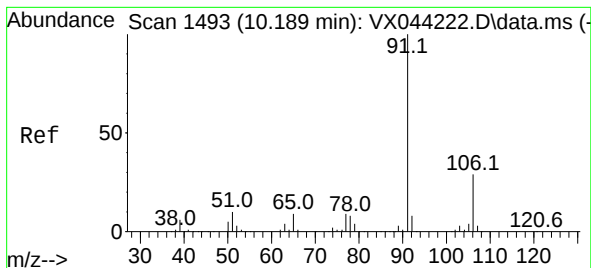
Tgt Ion:112 Resp: 4835
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.875 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion:131 Resp: 1288
Ion Ratio Lower Upper
131 100
133 87.3 47.3 141.8
119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 1.001 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

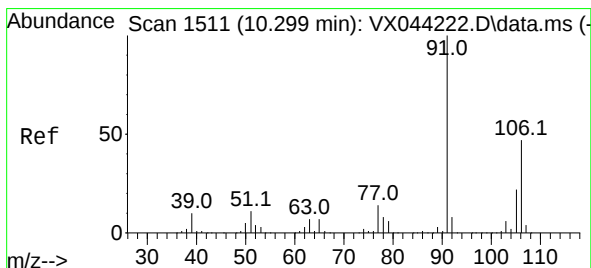
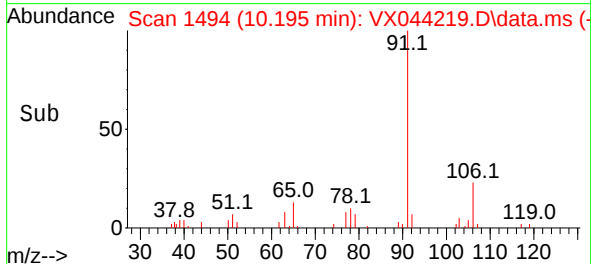
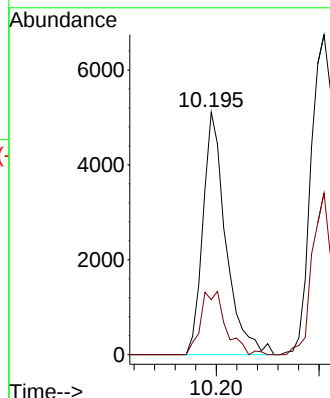
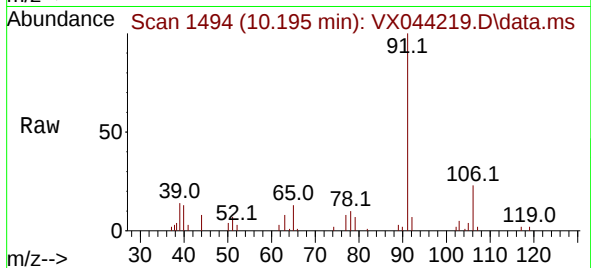
VSTDIC001

Tgt Ion: 91 Resp: 7924

Ion Ratio Lower Upper

91 100

106 22.7 23.5 35.3#



#68

m/p-Xylenes

Concen: 1.922 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044219.D

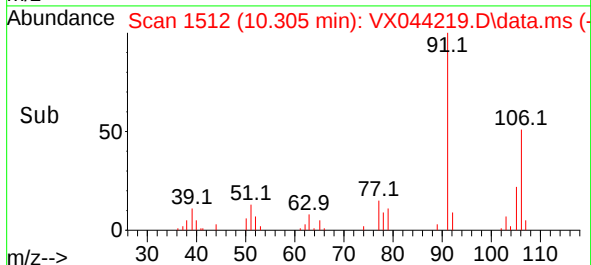
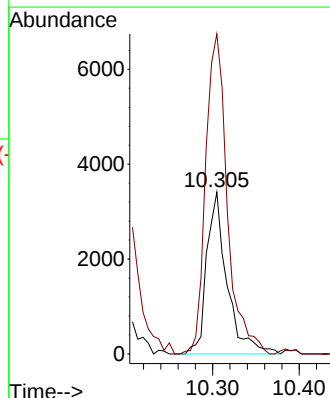
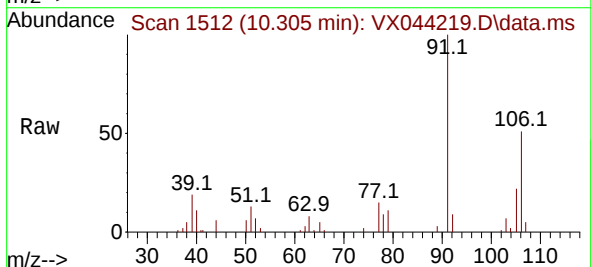
Acq: 11 Dec 2024 10:41

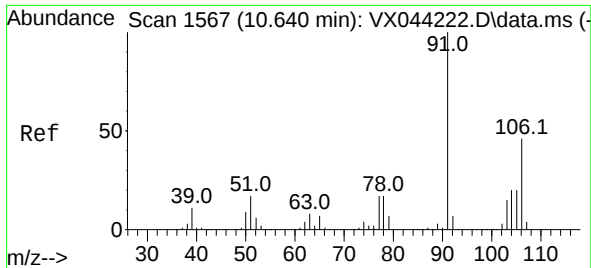
Tgt Ion:106 Resp: 5583

Ion Ratio Lower Upper

106 100

91 210.1 170.2 255.2





#69

o-Xylene

Concen: 0.998 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

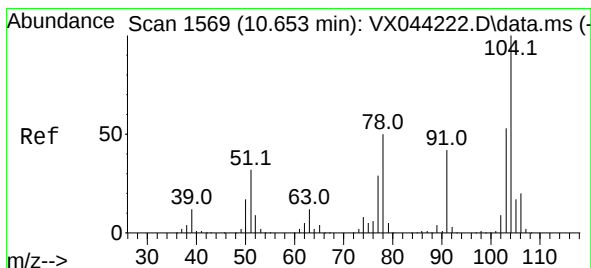
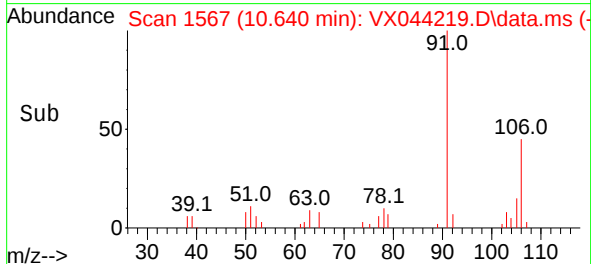
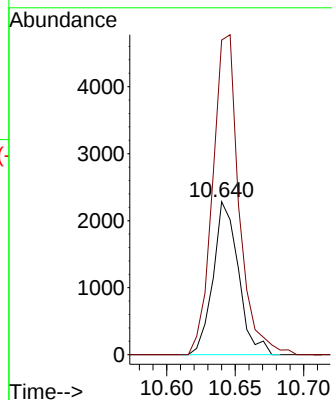
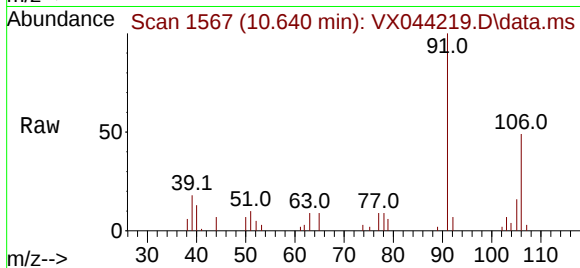
VSTDIC001

Tgt Ion:106 Resp: 2933

Ion Ratio Lower Upper

106 100

91 218.2 112.3 337.0



#70

Styrene

Concen: 0.914 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

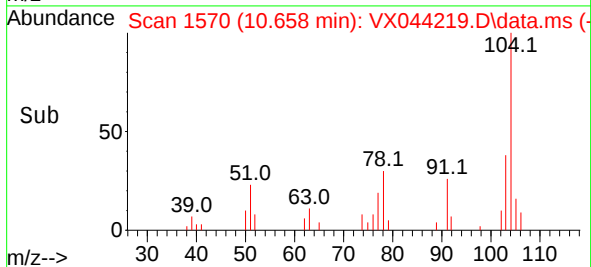
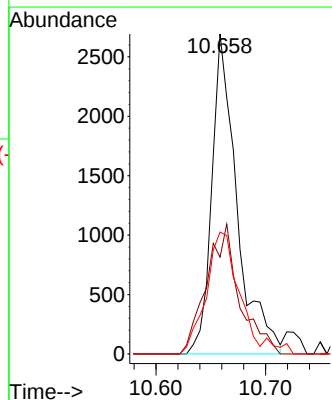
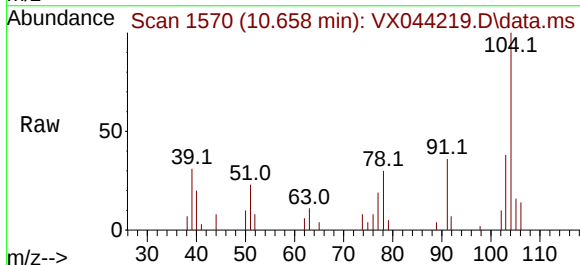
Tgt Ion:104 Resp: 4306

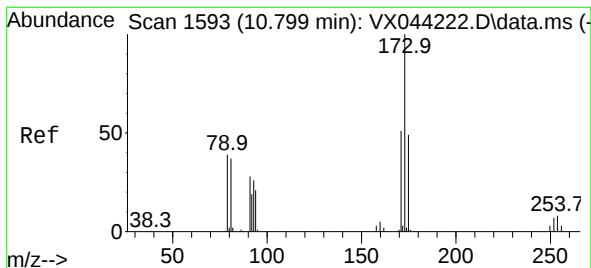
Ion Ratio Lower Upper

104 100

78 52.8 44.6 67.0

103 51.2 45.4 68.0





#71

Bromoform

Concen: 1.847 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

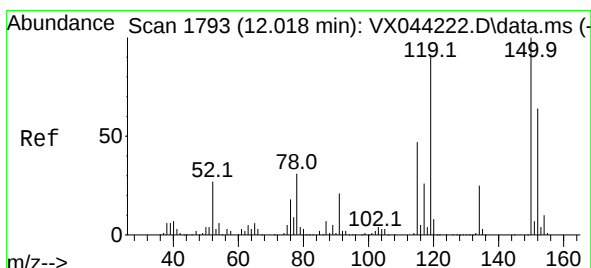
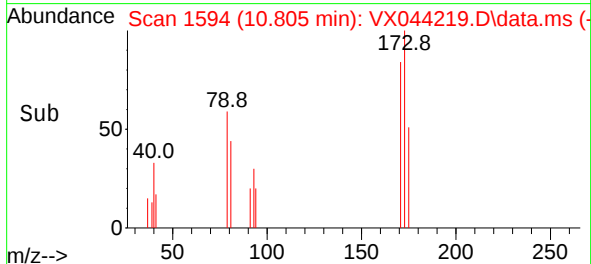
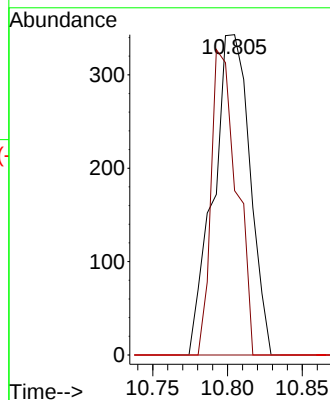
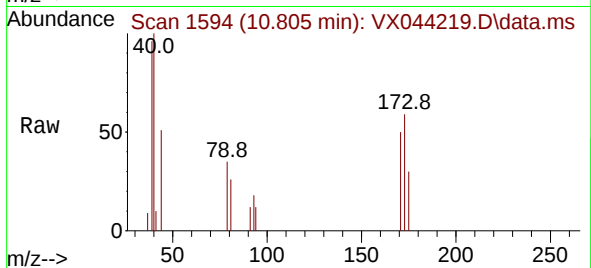
Tgt Ion:173 Resp: 584

Ion Ratio Lower Upper

173 100

175 66.1 23.8 71.4

254 0.0 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: VX044219.D

Acq: 11 Dec 2024 10:41

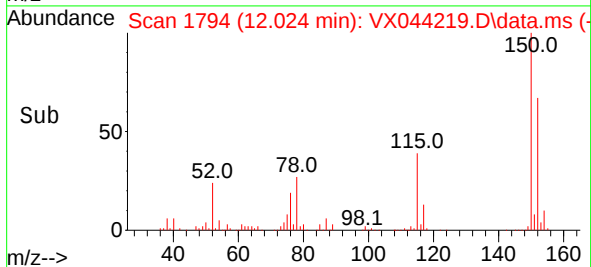
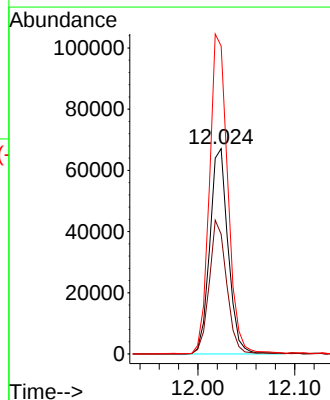
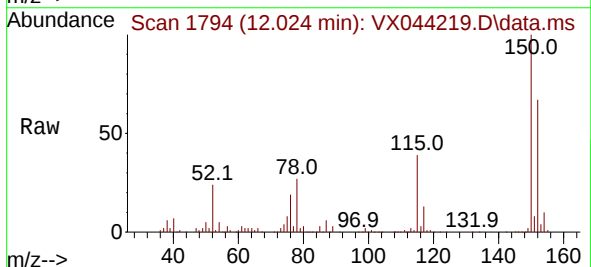
Tgt Ion:152 Resp: 88334

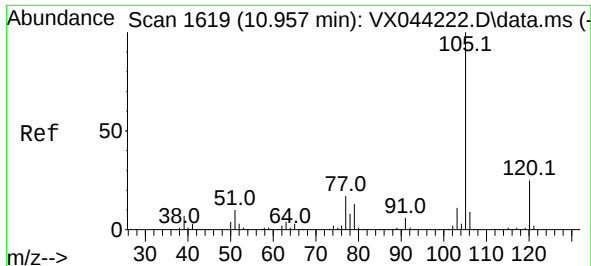
Ion Ratio Lower Upper

152 100

115 62.1 44.5 133.3

150 155.1 0.0 353.8

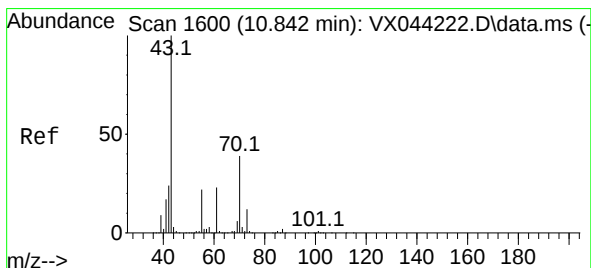
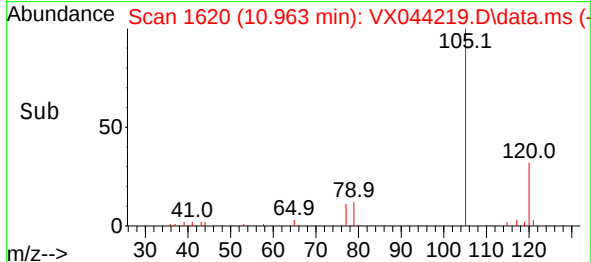
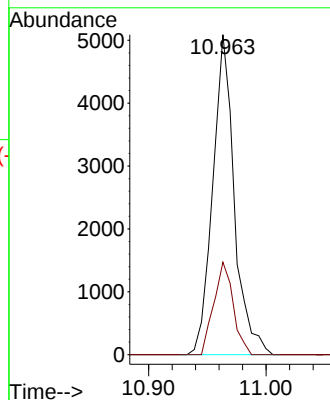
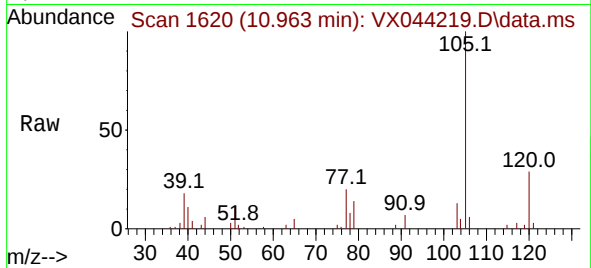




#73
Isopropylbenzene
Concen: 0.957 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

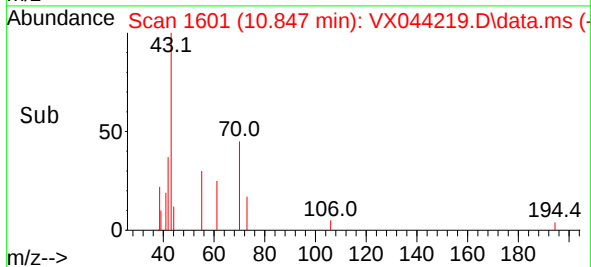
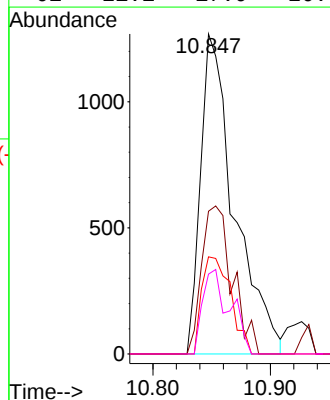
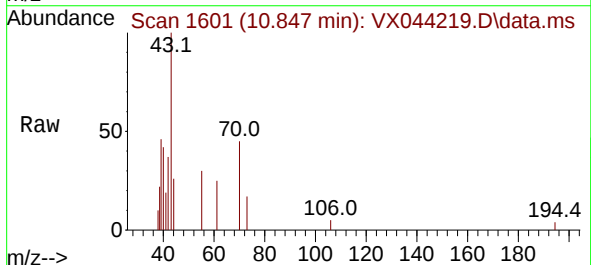
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

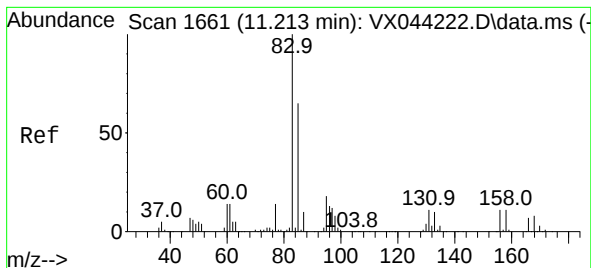
Tgt Ion:105 Resp: 6474
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#74
N-ethyl acetate
Concen: 0.811 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
70 41.9 31.9 47.9
55 26.0 17.9 26.9
61 21.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 1.061 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

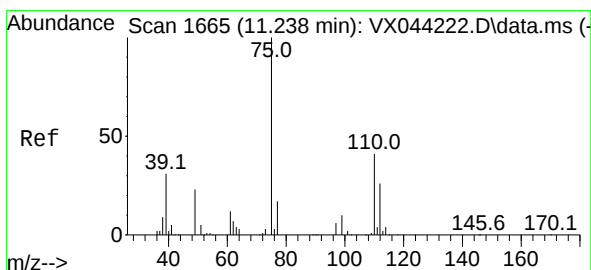
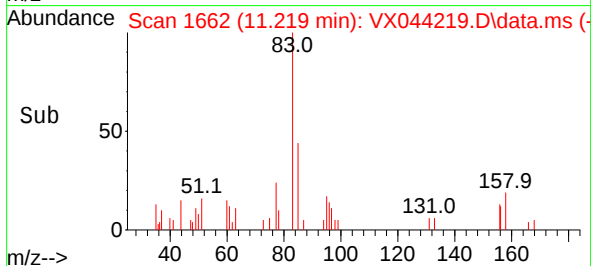
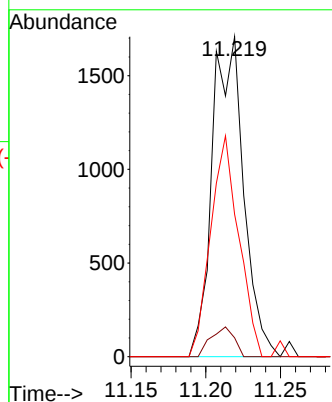
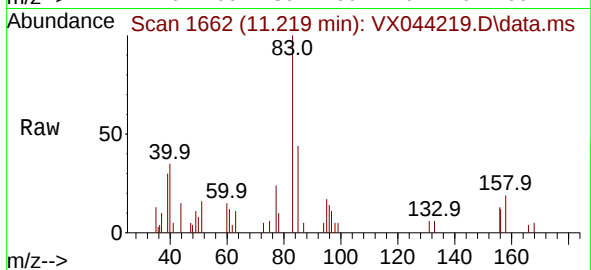
Tgt Ion: 83 Resp: 2491

Ion Ratio Lower Upper

83 100

131 6.9 5.1 15.4

85 61.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 1.402 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX044219.D

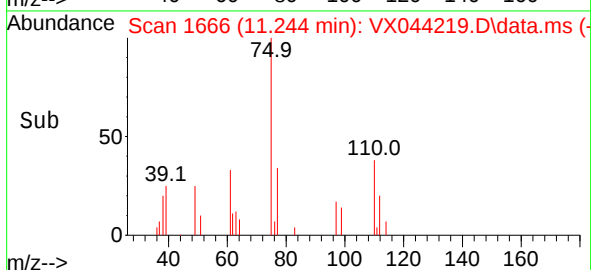
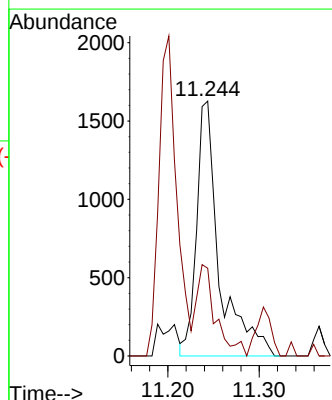
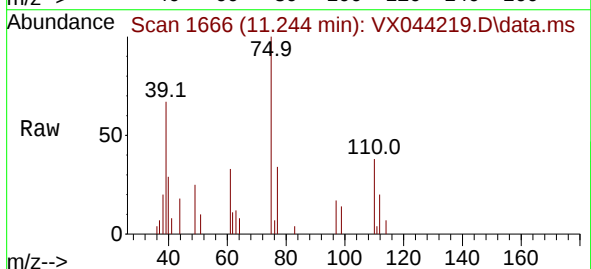
Acq: 11 Dec 2024 10:41

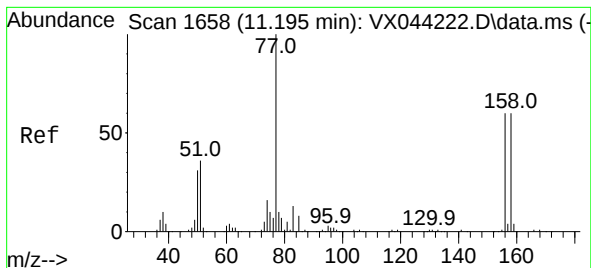
Tgt Ion: 75 Resp: 2810

Ion Ratio Lower Upper

75 100

77 29.9 20.9 62.7





#77

Bromobenzene

Concen: 1.087 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

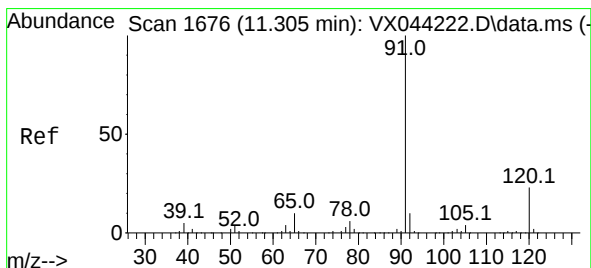
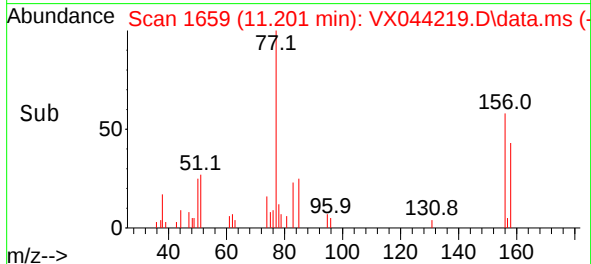
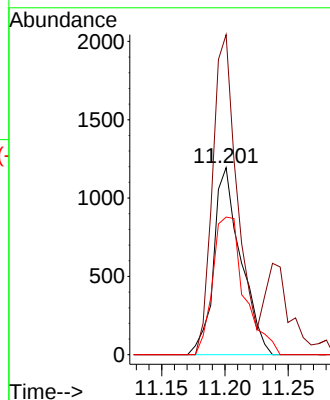
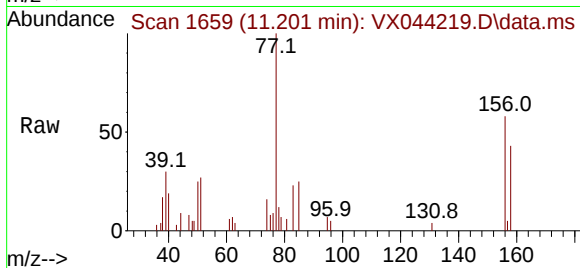
Tgt Ion:156 Resp: 1783

Ion Ratio Lower Upper

156 100

77 155.1 82.6 247.8

158 85.2 48.8 146.4



#78

n-propylbenzene

Concen: 0.884 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044219.D

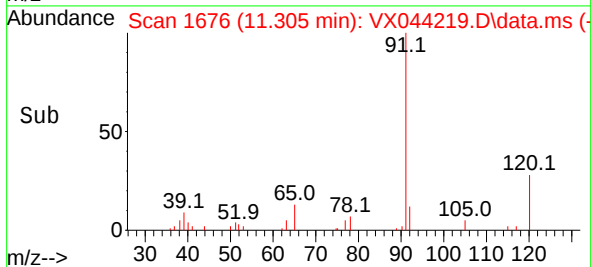
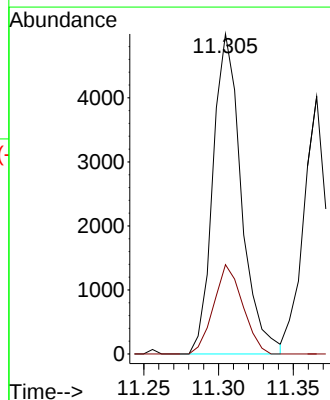
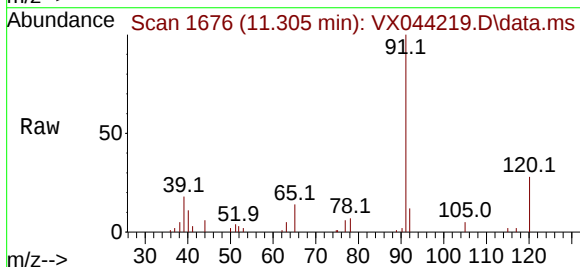
Acq: 11 Dec 2024 10:41

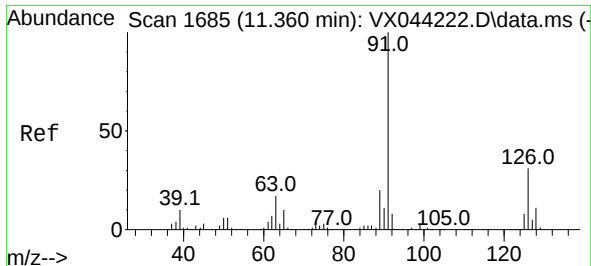
Tgt Ion: 91 Resp: 6606

Ion Ratio Lower Upper

91 100

120 28.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 1.075 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

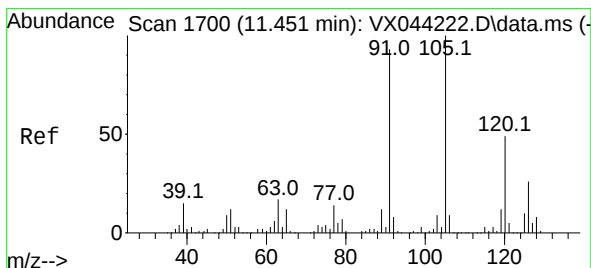
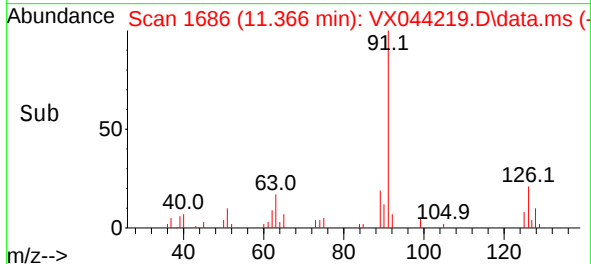
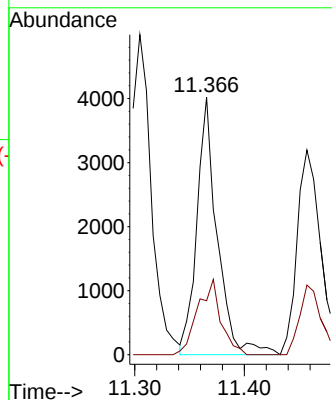
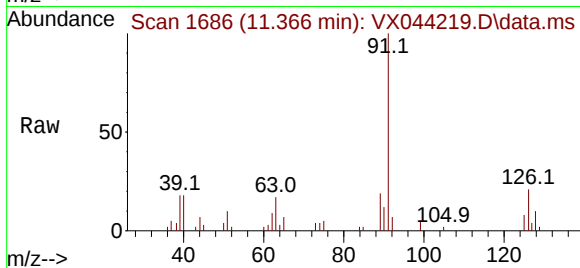
VSTDICC001

Tgt Ion: 91 Resp: 5194

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 0.966 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044219.D

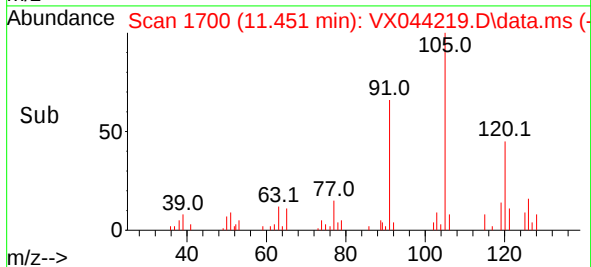
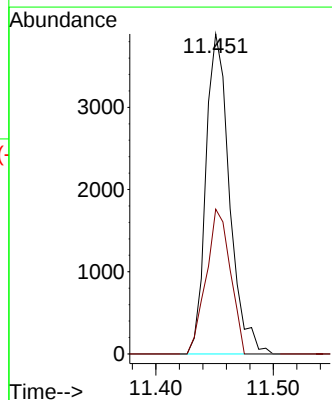
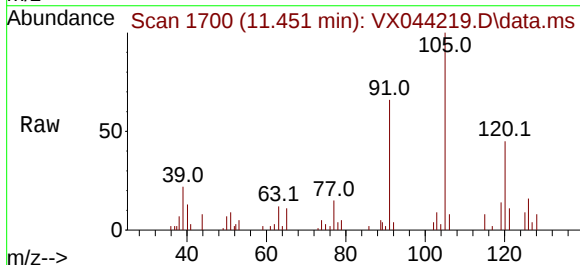
Acq: 11 Dec 2024 10:41

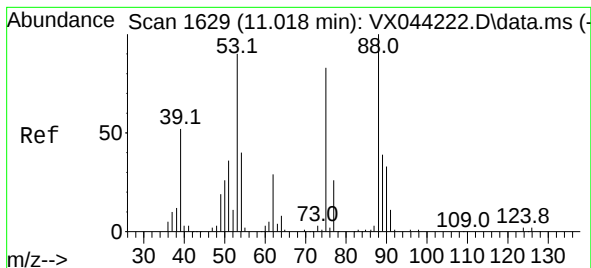
Tgt Ion: 105 Resp: 5417

Ion Ratio Lower Upper

105 100

120 46.2 23.8 71.4

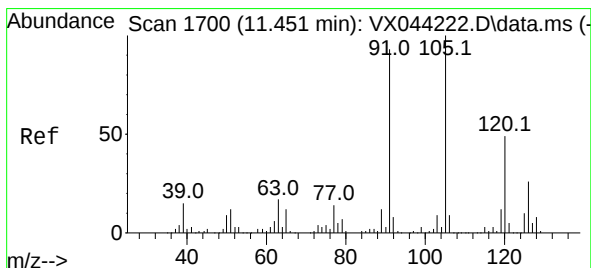
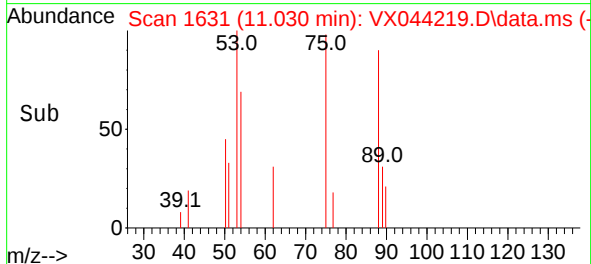
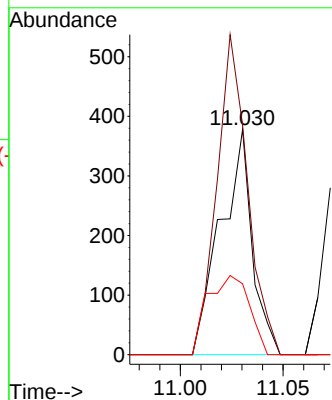
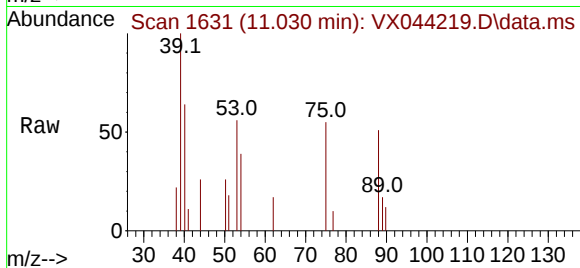




#81
trans-1,4-Dichloro-2-butene
Concen: 6.098 ug/l
RT: 11.030 min Scan# 1629
Delta R.T. 0.012 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

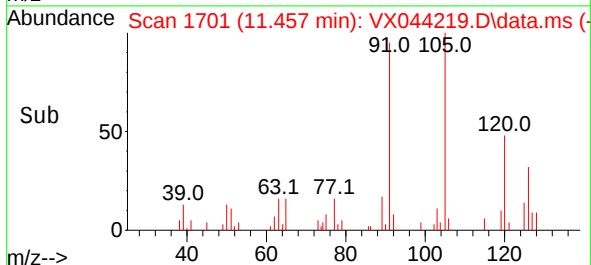
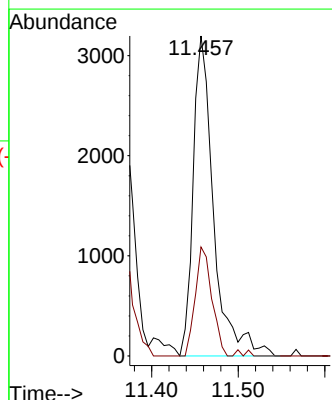
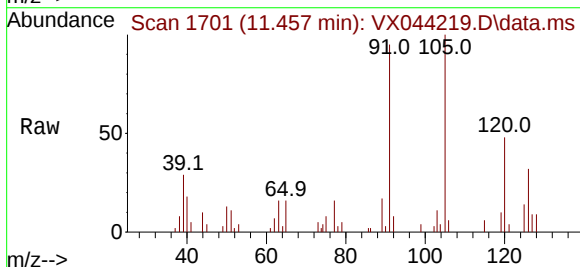
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

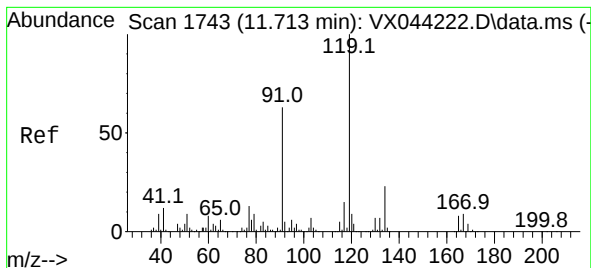
Tgt Ion: 75 Resp: 402
Ion Ratio Lower Upper
75 100
53 139.1 93.6 140.4
89 46.8 37.3 55.9



#82
4-Chlorotoluene
Concen: 0.978 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044219.D
Acq: 11 Dec 2024 10:41

Tgt Ion: 91 Resp: 5236
Ion Ratio Lower Upper
91 100
126 27.7 14.5 43.5





#83

tert-Butylbenzene

Concen: 1.011 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

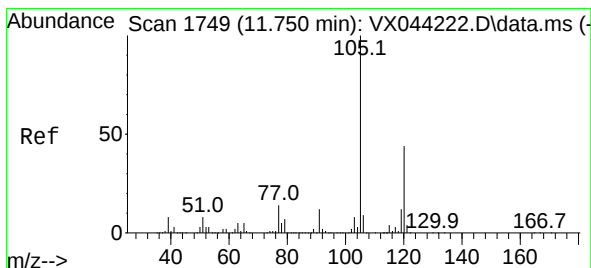
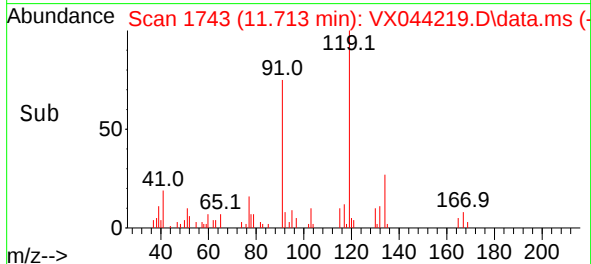
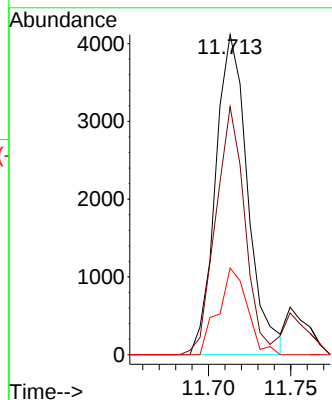
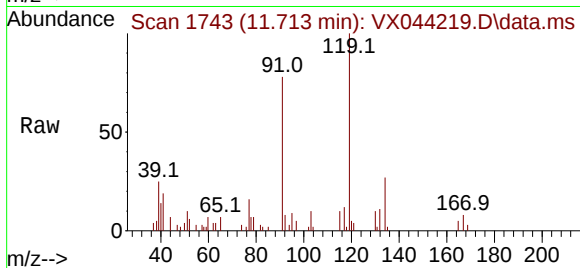
Tgt Ion:119 Resp: 5601

Ion Ratio Lower Upper

119 100

91 70.2 30.9 92.5

134 24.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.866 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX044219.D

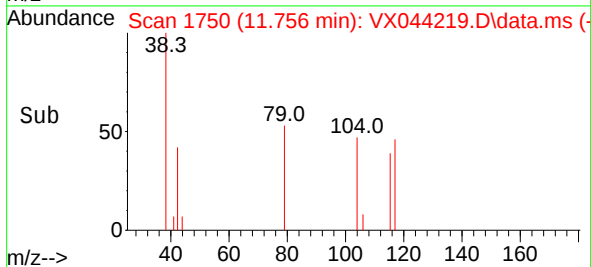
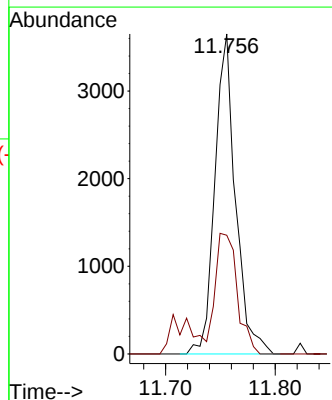
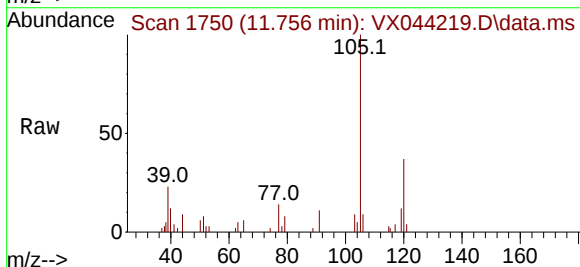
Acq: 11 Dec 2024 10:41

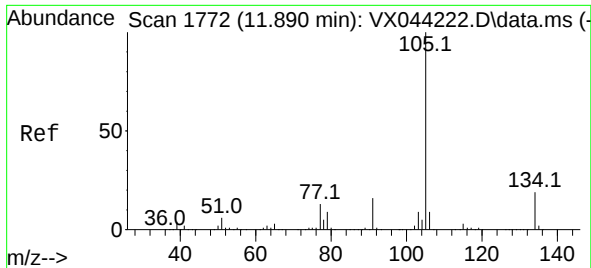
Tgt Ion:105 Resp: 4769

Ion Ratio Lower Upper

105 100

120 40.0 21.7 65.1





#85

sec-Butylbenzene

Concen: 0.966 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

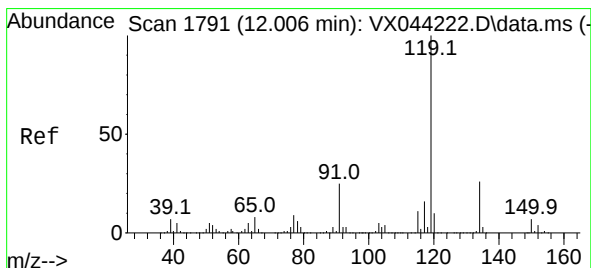
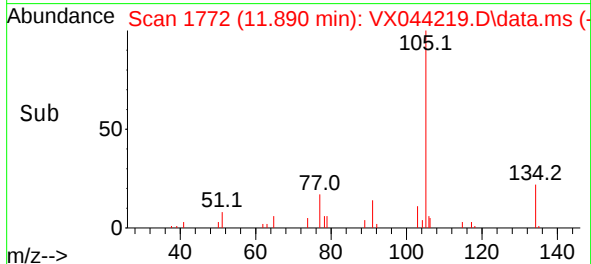
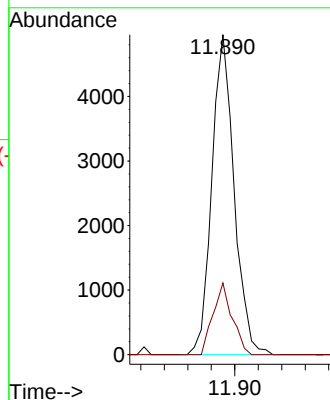
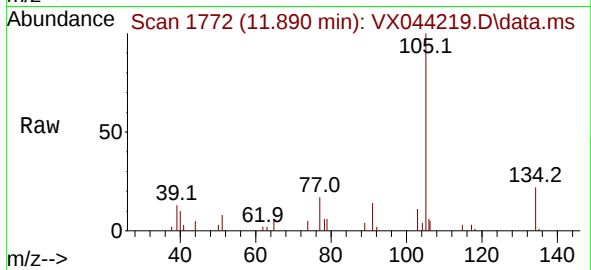
VSTDIC001

Tgt Ion:105 Resp: 6500

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.930 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

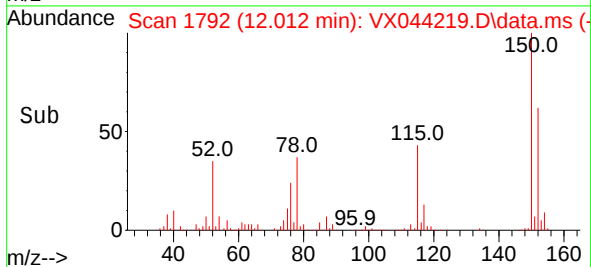
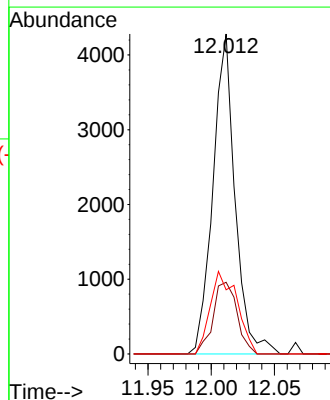
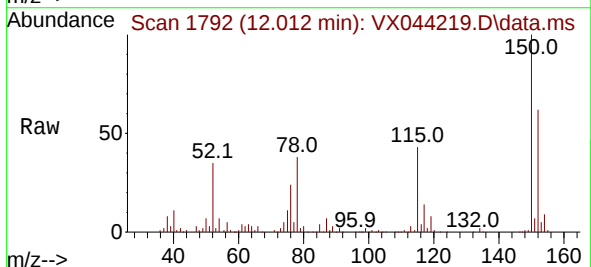
Tgt Ion:119 Resp: 5210

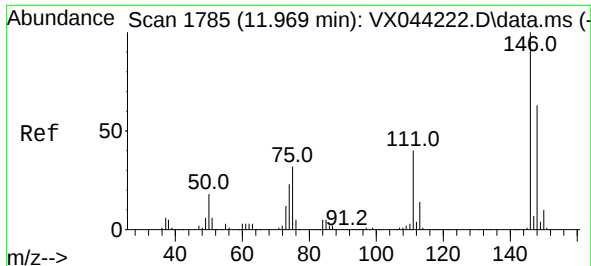
Ion Ratio Lower Upper

119 100

134 24.2 12.8 38.4

91 31.2 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 0.937 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

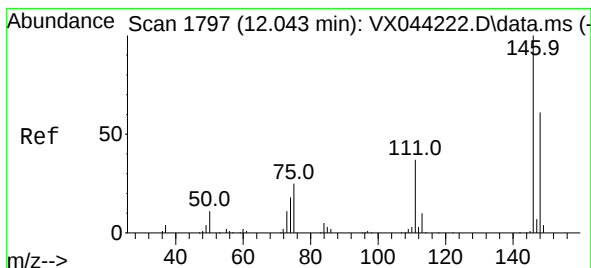
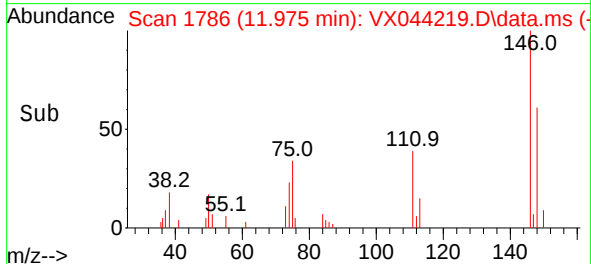
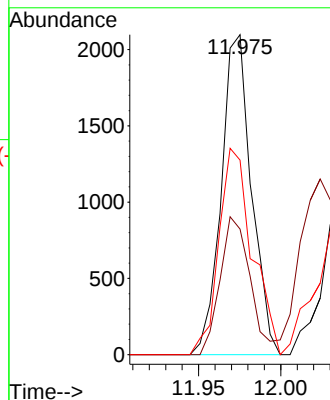
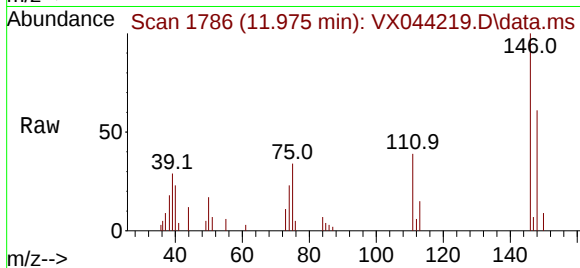
Tgt Ion:146 Resp: 2684

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.2

148 71.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.912 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

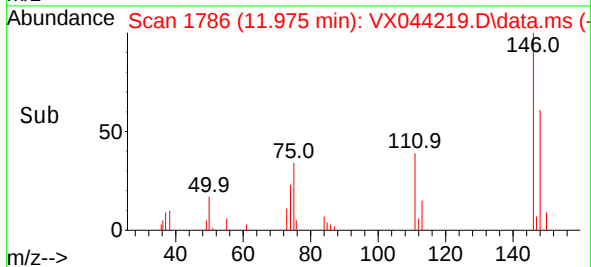
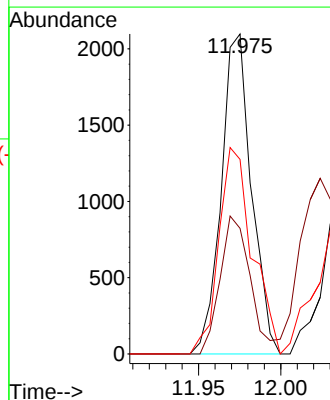
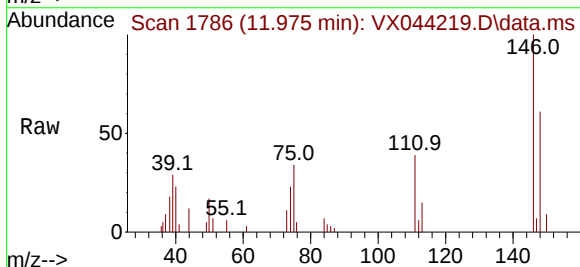
Tgt Ion:146 Resp: 2684

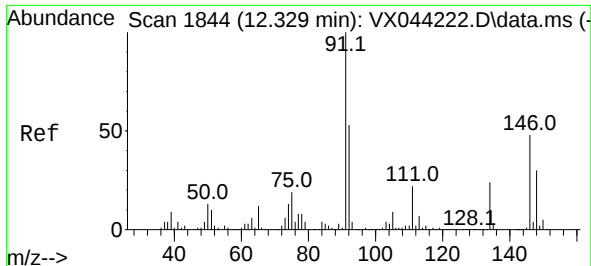
Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

148 71.6 32.3 96.8





#89

n-Butylbenzene

Concen: 0.844 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

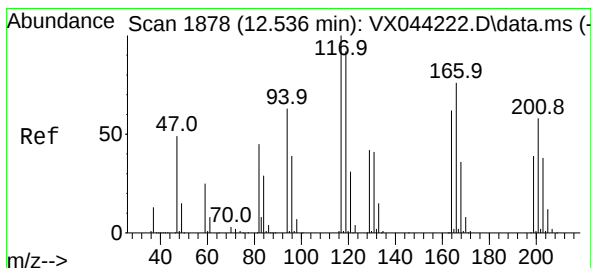
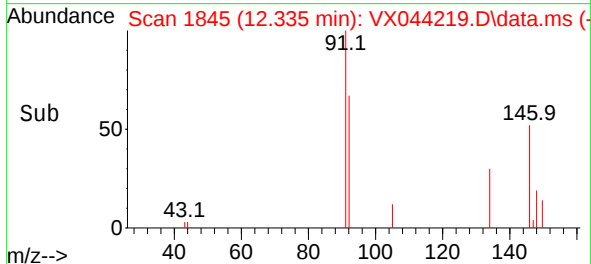
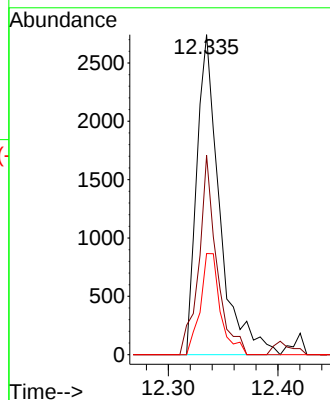
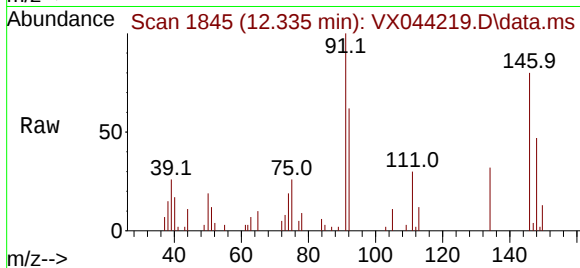
Tgt Ion: 91 Resp: 3973

Ion Ratio Lower Upper

91 100

92 48.5 26.6 79.7

134 27.8 12.6 37.8



#90

Hexachloroethane

Concen: 0.773 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044219.D

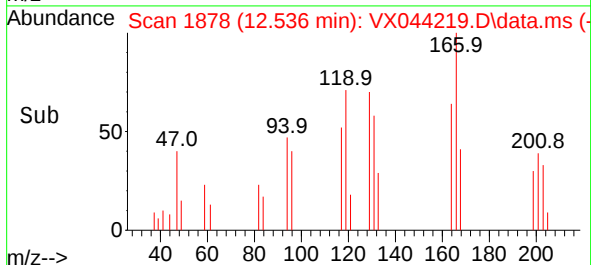
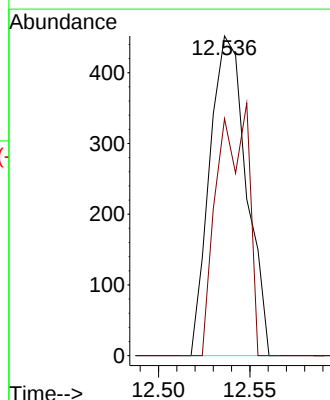
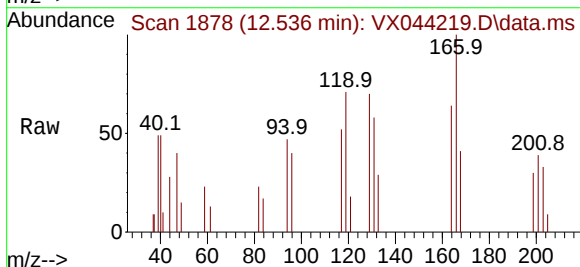
Acq: 11 Dec 2024 10:41

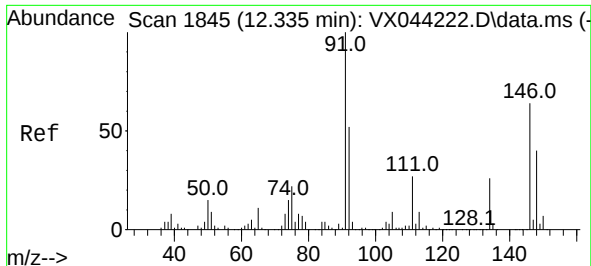
Tgt Ion: 117 Resp: 632

Ion Ratio Lower Upper

117 100

201 66.9 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 1.036 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

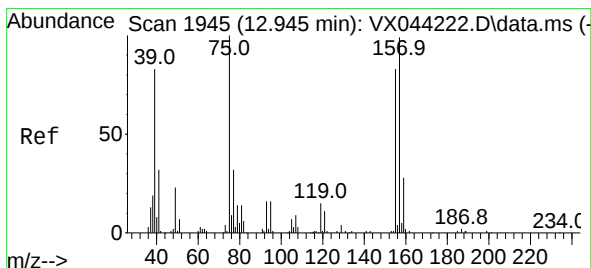
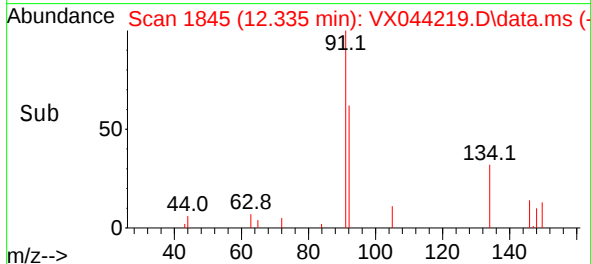
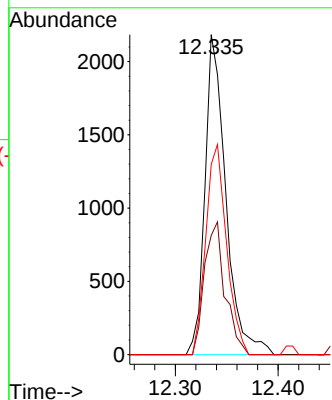
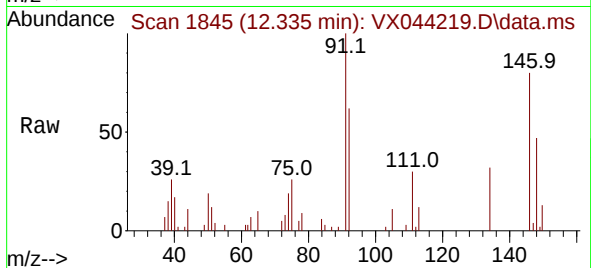
Tgt Ion:146 Resp: 3082

Ion Ratio Lower Upper

146 100

111 41.0 21.4 64.3

148 65.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.860 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

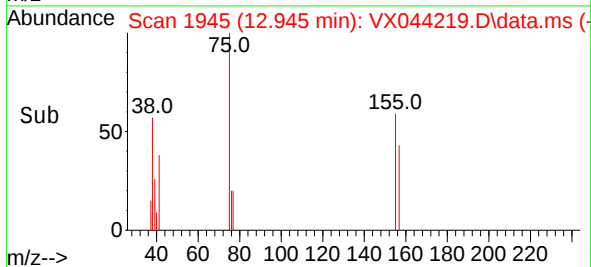
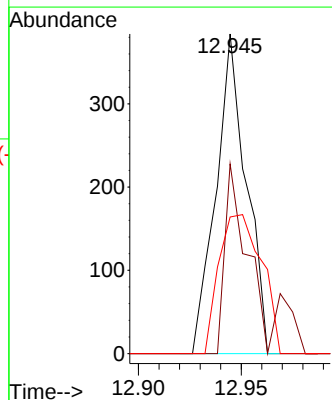
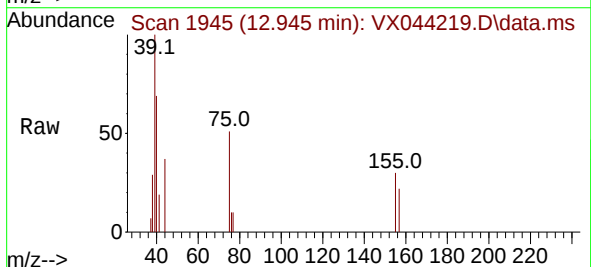
Tgt Ion: 75 Resp: 392

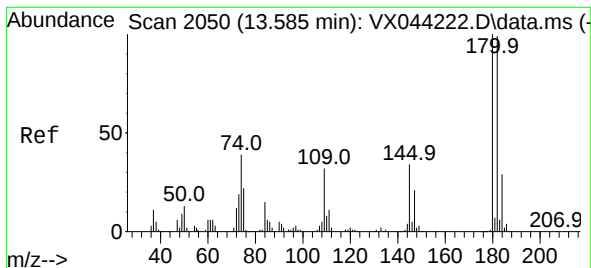
Ion Ratio Lower Upper

75 100

155 54.6 38.1 114.3

157 61.5 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 0.835 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

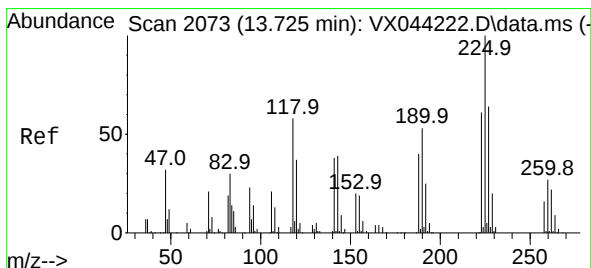
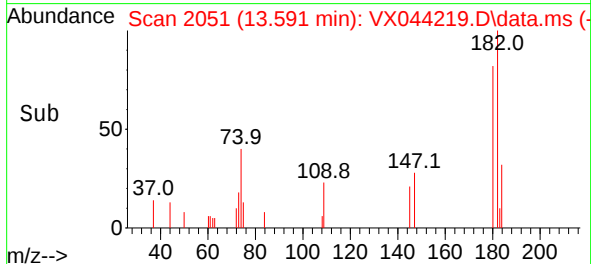
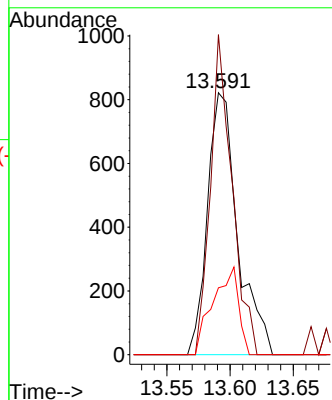
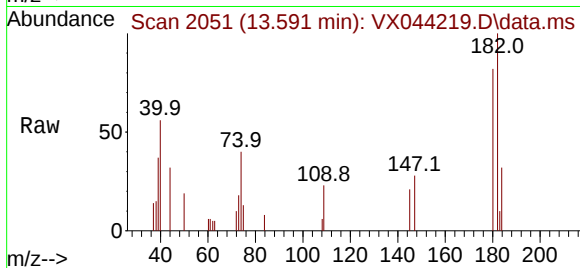
Tgt Ion:180 Resp: 1361

Ion Ratio Lower Upper

180 100

182 88.0 48.0 144.2

145 28.4 16.6 49.7



#94

Hexachlorobutadiene

Concen: 1.051 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

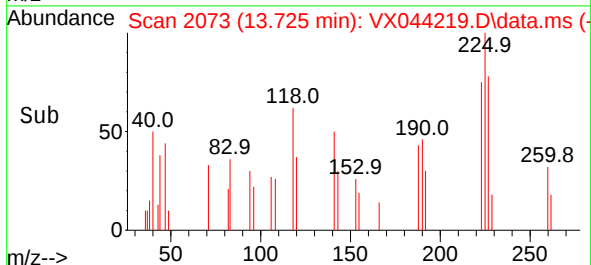
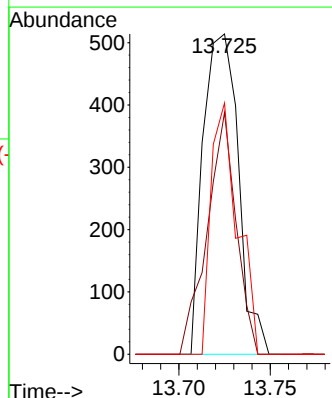
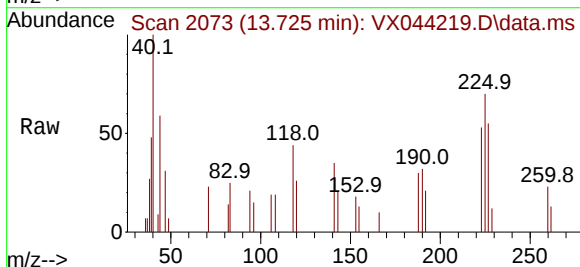
Tgt Ion:225 Resp: 689

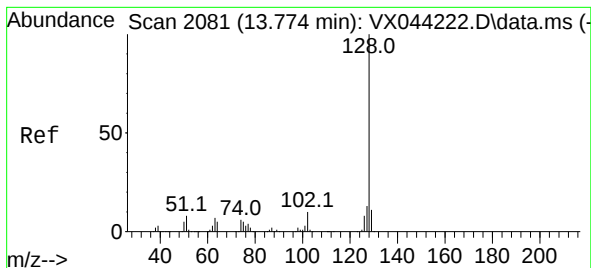
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.4

227 59.4 32.1 96.3





#95

Naphthalene

Concen: 0.812 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

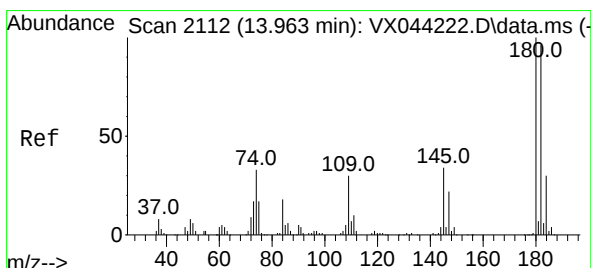
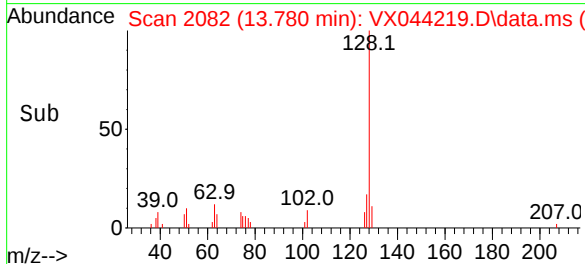
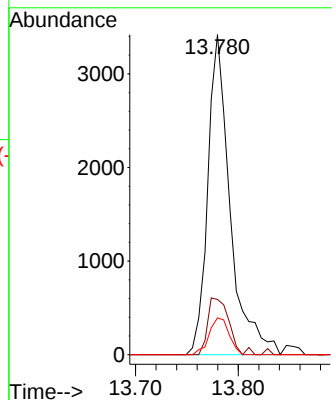
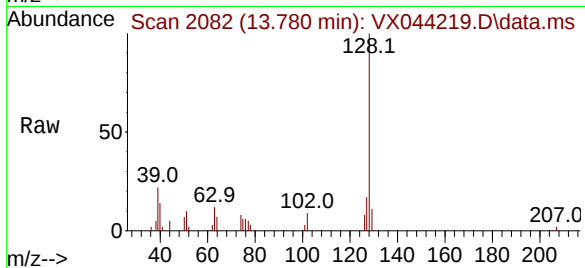
Tgt Ion:128 Resp: 5167

Ion Ratio Lower Upper

128 100

127 16.8 10.5 15.7#

129 10.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 0.873 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044219.D

Acq: 11 Dec 2024 10:41

Tgt Ion:180 Resp: 1509

Ion Ratio Lower Upper

180 100

182 91.3 48.0 144.0

145 31.9 17.7 53.1

