

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044311.D
 Acq On : 16 Dec 2024 10:13
 Operator : JC/MD
 Sample : VX1216WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

Quant Time: Dec 17 00:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	134529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111328	47.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.400%
35) Dibromofluoromethane	5.385	113	81234	48.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.646	98	288040	50.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	96042	48.595	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41434	19.919	ug/l	95
3) Chloromethane	1.294	50	41466	20.845	ug/l	99
4) Vinyl Chloride	1.373	62	40774	19.675	ug/l	99
5) Bromomethane	1.593	94	27894	18.973	ug/l	100
6) Chloroethane	1.666	64	26234	20.330	ug/l	96
7) Trichlorofluoromethane	1.873	101	65061	16.036	ug/l	98
8) Diethyl Ether	2.129	74	24659	17.806	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	32928	20.057	ug/l	99
10) Methyl Iodide	2.446	142	43823	20.254	ug/l	98
11) Tert butyl alcohol	2.983	59	34007	102.298	ug/l	97
12) 1,1-Dichloroethene	2.312	96	30576	20.277	ug/l	96
13) Acrolein	2.233	56	42059	87.403	ug/l	100
14) Allyl chloride	2.660	41	50274	20.017	ug/l	98
15) Acrylonitrile	3.062	53	88935	96.580	ug/l	98
16) Acetone	2.379	43	106176	110.414	ug/l	99
17) Carbon Disulfide	2.507	76	55319	19.300	ug/l	98
18) Methyl Acetate	2.702	43	46861	18.900	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	115525	19.632	ug/l	97
20) Methylene Chloride	2.788	84	37200	20.596	ug/l	92
21) trans-1,2-Dichloroethene	3.086	96	32543	20.307	ug/l	95
22) Diisopropyl ether	3.757	45	113465	20.062	ug/l	90
23) Vinyl Acetate	3.721	43	462150	100.509	ug/l	100
24) 1,1-Dichloroethane	3.605	63	64430	20.437	ug/l	99
25) 2-Butanone	4.556	43	134957	98.719	ug/l	99
26) 2,2-Dichloropropane	4.470	77	55206	21.555	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	39297	19.308	ug/l	97
28) Bromochloromethane	4.891	49	25670	16.605	ug/l	98
29) Tetrahydrofuran	5.007	42	80351	91.570	ug/l	98
30) Chloroform	5.092	83	69366	19.583	ug/l	95
31) Cyclohexane	5.464	56	49455	19.426	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	58343	19.843	ug/l	99
36) 1,1-Dichloropropene	5.690	75	43501	20.073	ug/l	100
37) Ethyl Acetate	4.714	43	48028	17.929	ug/l	98
38) Carbon Tetrachloride	5.671	117	47510	20.363	ug/l	99
39) Methylcyclohexane	7.378	83	53260	20.558	ug/l	99
40) Benzene	6.031	78	135059	20.526	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26315	18.499	ug/l	98
42) 1,2-Dichloroethane	6.080	62	54309	20.037	ug/l	99
43) Isopropyl Acetate	6.342	43	80299	19.178	ug/l	99
44) Trichloroethene	7.122	130	33444	20.382	ug/l	96
45) 1,2-Dichloropropane	7.427	63	35014	20.829	ug/l	99
46) Dibromomethane	7.580	93	26382	20.229	ug/l	99
47) Bromodichloromethane	7.817	83	46737	20.751	ug/l	99
48) Methyl methacrylate	7.695	41	38934	19.156	ug/l	97
49) 1,4-Dioxane	7.665	88	11832	351.120	ug/l #	78
51) 4-Methyl-2-Pentanone	8.573	43	252900	93.940	ug/l	100
52) Toluene	8.714	92	84932	20.555	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47642	20.900	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	52190	21.281	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	33766	20.570	ug/l	97
56) Ethyl methacrylate	9.116	69	50862	19.627	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57416	20.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123493	94.484	ug/l	99
59) 2-Hexanone	9.433	43	191312	98.177	ug/l	100
60) Dibromochloromethane	9.518	129	32408	19.922	ug/l	96
61) 1,2-Dibromoethane	9.610	107	34712	20.775	ug/l	100
64) Tetrachloroethene	9.268	164	29704	21.067	ug/l	99
65) Chlorobenzene	10.079	112	92878	20.403	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.158	131	29689	20.293	ug/l	97
67) Ethyl Benzene	10.195	91	162704	20.686	ug/l	97
68) m/p-Xylenes	10.299	106	120194	41.646	ug/l	99
69) o-Xylene	10.640	106	60911	20.859	ug/l	97
70) Styrene	10.652	104	96693	20.655	ug/l	97
71) Bromoform	10.799	173	17467	19.082	ug/l #	97
73) Isopropylbenzene	10.963	105	154027	20.954	ug/l	100
74) N-amyl acetate	10.841	43	67193	19.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49757	19.488	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	51853	24.186	ug/l	87
77) Bromobenzene	11.195	156	36857	20.677	ug/l	97
78) n-propylbenzene	11.305	91	171507	21.110	ug/l	99
79) 2-Chlorotoluene	11.365	91	106376	20.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	128141	21.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11779	19.566	ug/l	89
82) 4-Chlorotoluene	11.451	91	120796	20.761	ug/l	98
83) tert-Butylbenzene	11.713	119	126530	21.003	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	128899	21.531	ug/l	99
85) sec-Butylbenzene	11.890	105	152498	20.851	ug/l	99
86) p-Isopropyltoluene	12.006	119	123679	20.318	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65609	21.071	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	64883	20.271	ug/l	99
89) n-Butylbenzene	12.329	91	108013	21.102	ug/l	99
90) Hexachloroethane	12.536	117	18381	20.686	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	65192	20.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	8302	16.750	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	35925	20.268	ug/l	96
94) Hexachlorobutadiene	13.725	225	14096	19.771	ug/l	95
95) Naphthalene	13.774	128	133025	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	37378	19.882	ug/l	98

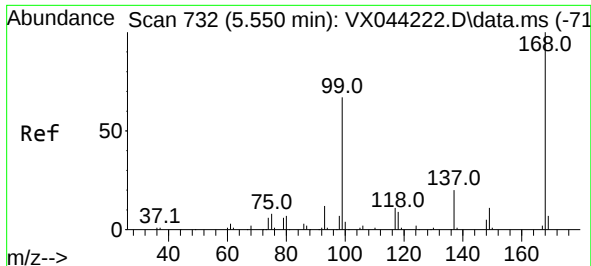
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Response via : Initial Calibration

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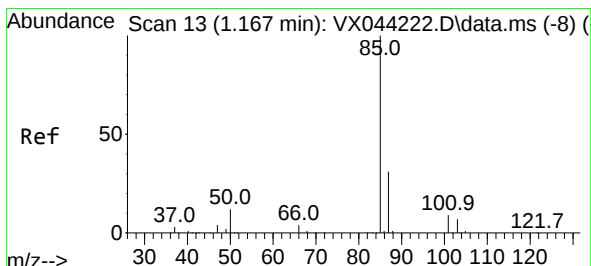
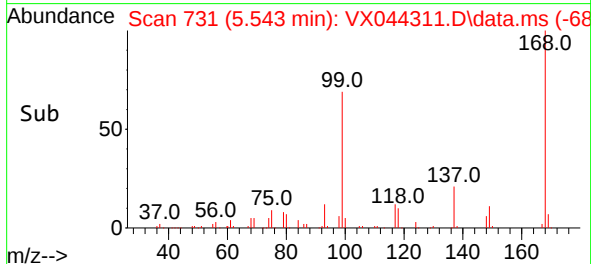
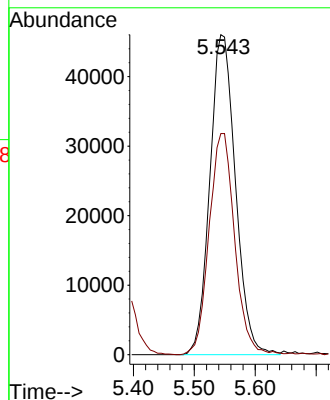
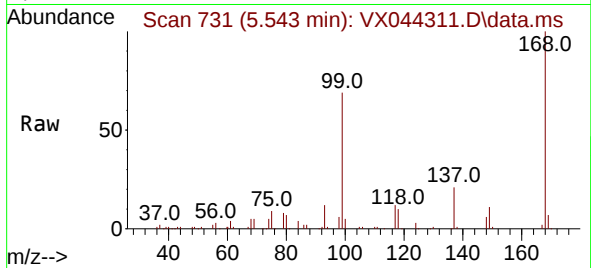
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044311.D
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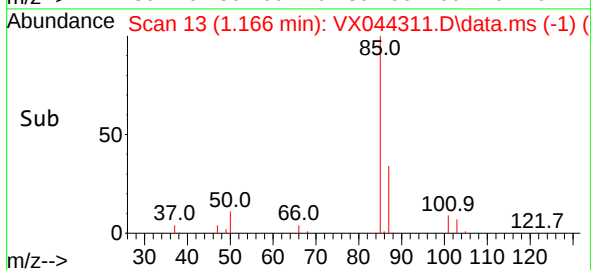
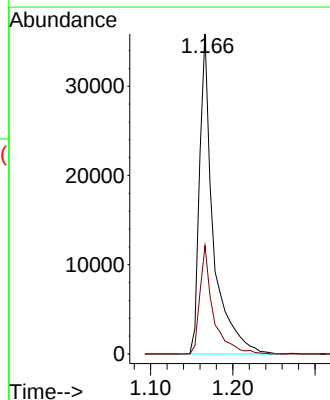
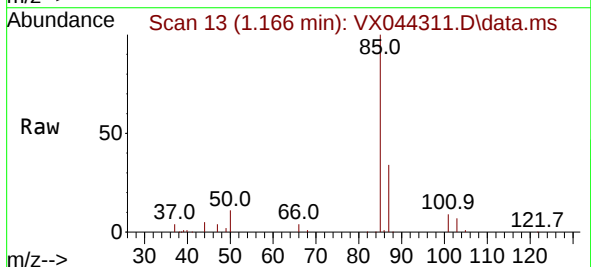
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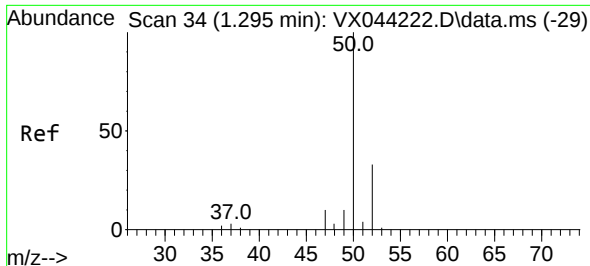
Tgt Ion:168 Resp: 134529
Ion Ratio Lower Upper
168 100
99 69.1 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 19.919 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 85 Resp: 41434
Ion Ratio Lower Upper
85 100
87 33.9 15.4 46.4

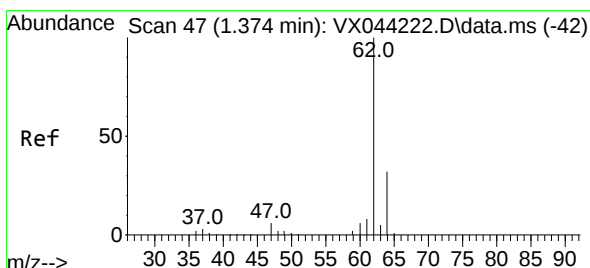
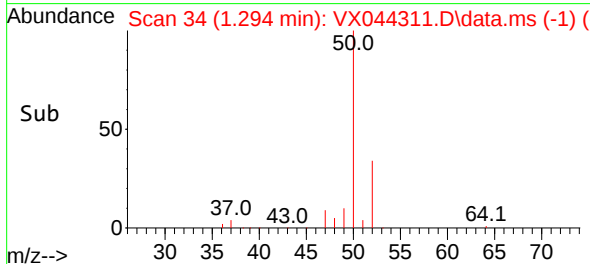
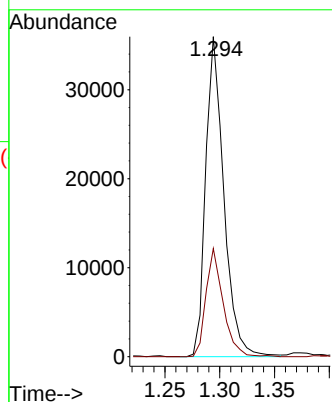
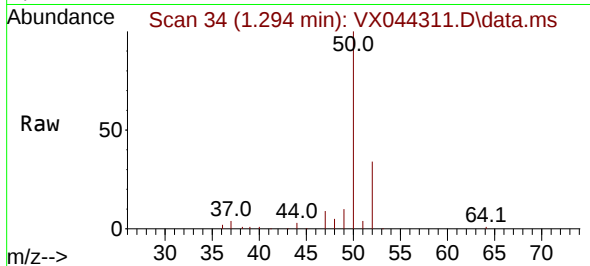




#3
Chloromethane
Concen: 20.845 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

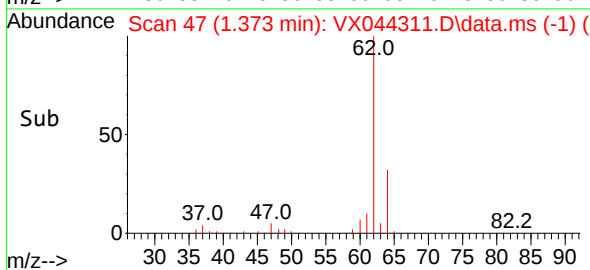
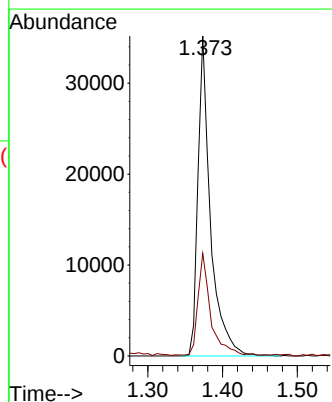
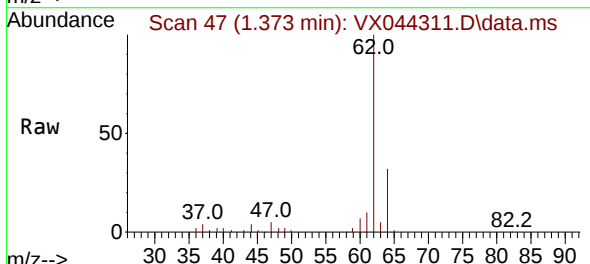
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

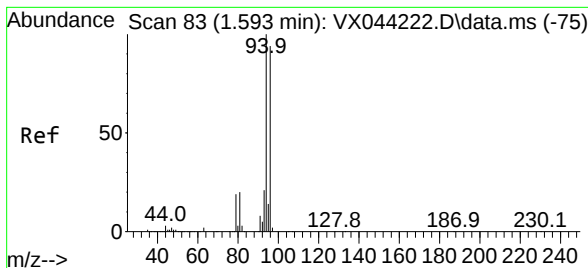
Tgt Ion: 50 Resp: 41466
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 19.675 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 62 Resp: 40774
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

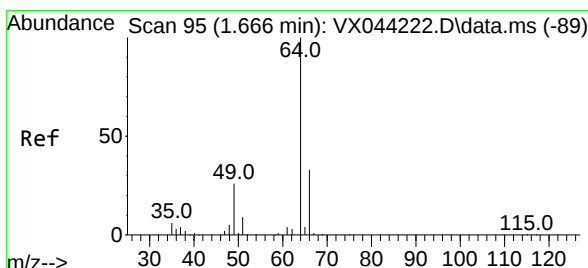
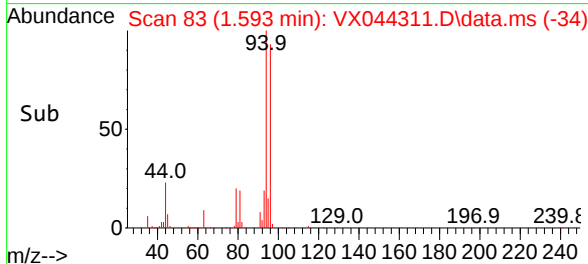
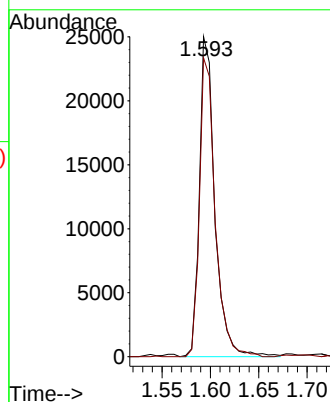
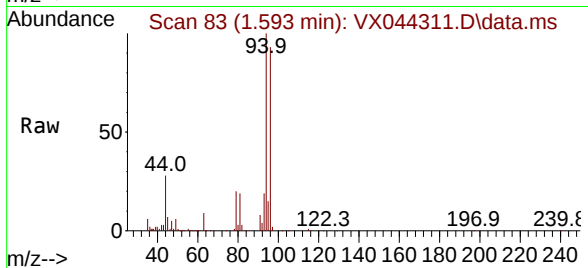




#5
Bromomethane
Concen: 18.973 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

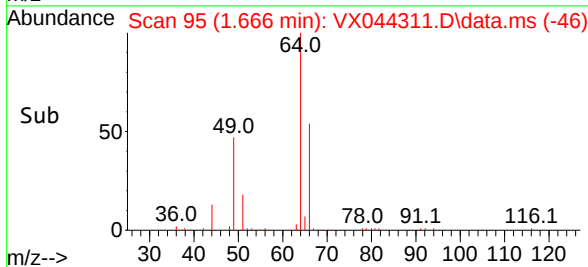
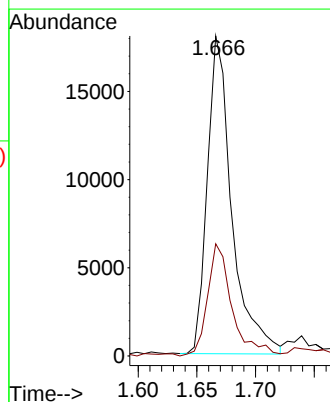
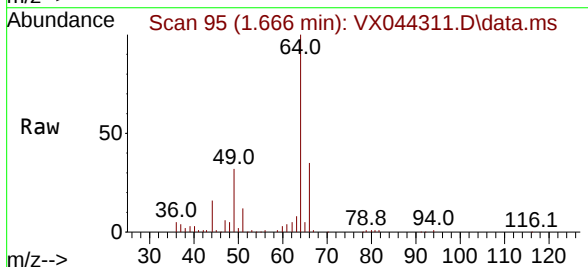
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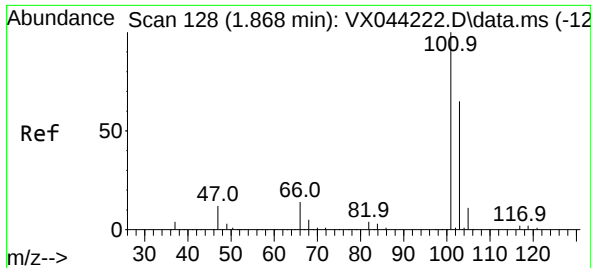
Tgt Ion: 94 Resp: 27894
Ion Ratio Lower Upper
94 100
96 93.3 74.9 112.3



#6
Chloroethane
Concen: 20.330 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 64 Resp: 26234
Ion Ratio Lower Upper
64 100
66 35.3 26.6 39.8

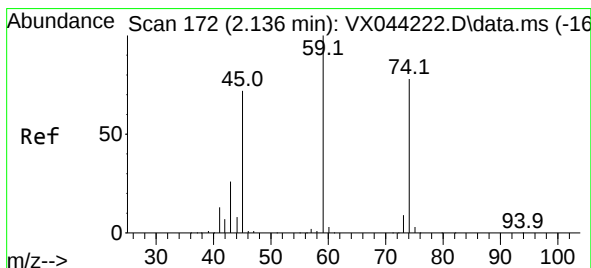
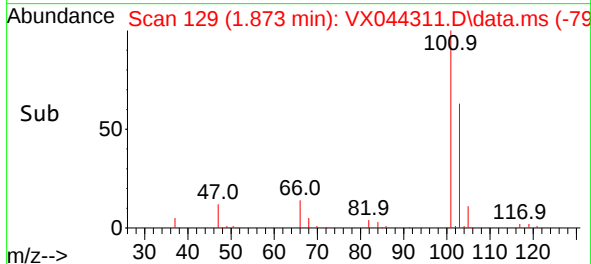
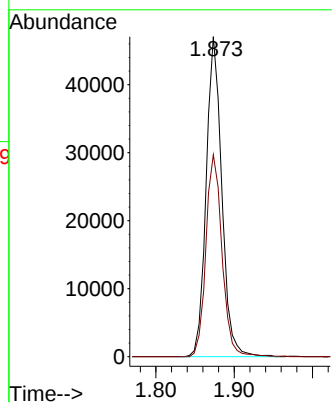
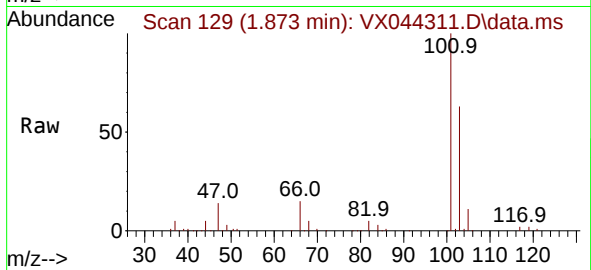




#7
Trichlorofluoromethane
Concen: 16.036 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

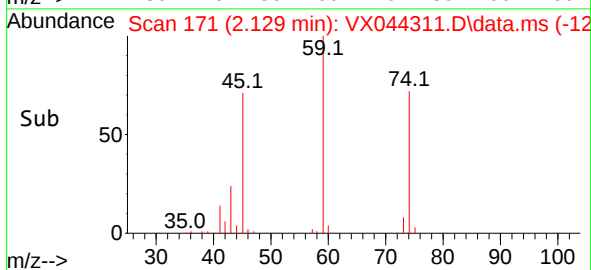
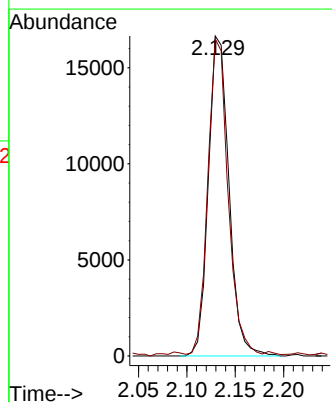
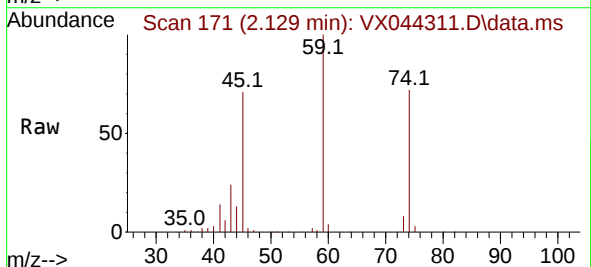
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion:101 Resp: 65061
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.8



#8
Diethyl Ether
Concen: 17.806 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 74 Resp: 24659
Ion Ratio Lower Upper
74 100
45 96.6 48.4 145.0

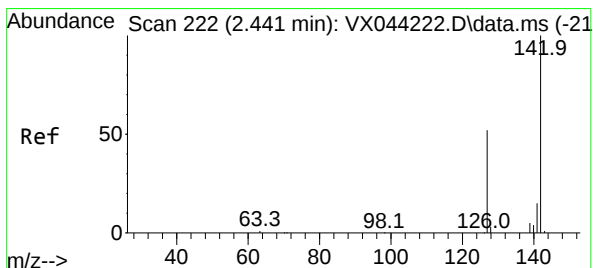
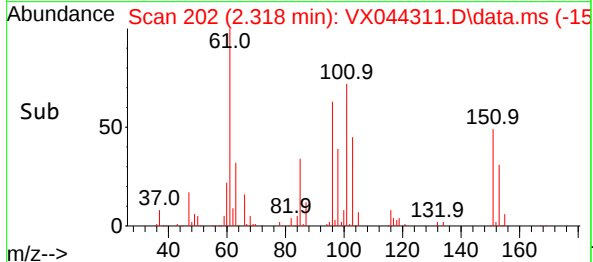
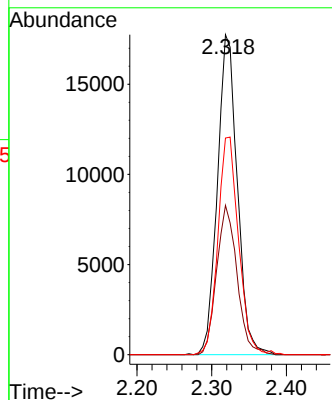
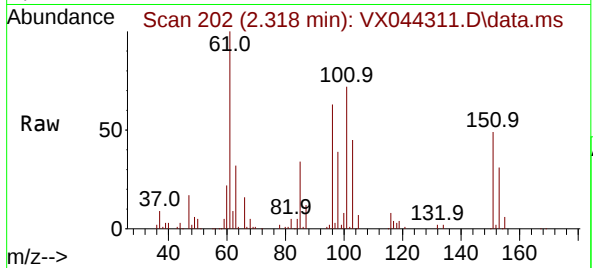




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.057 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

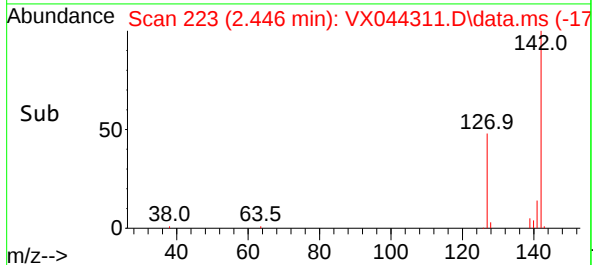
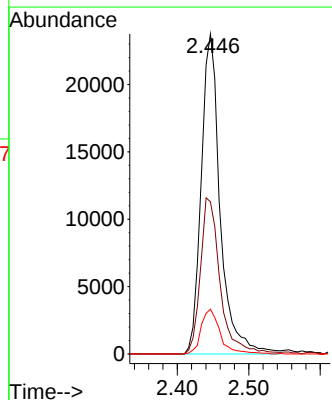
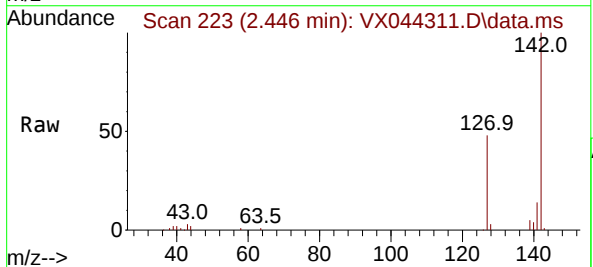
Instrument :
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ClientSampleId :
VX1216WBS01

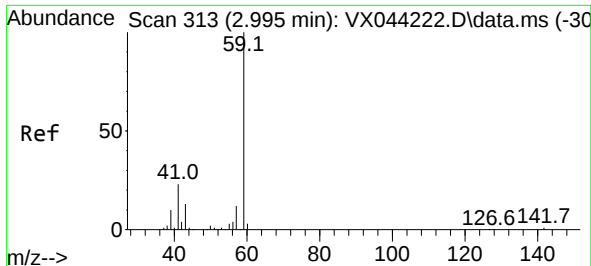
Tgt Ion:101 Resp: 32928
Ion Ratio Lower Upper
101 100
85 47.8 38.5 57.7
151 70.7 55.8 83.6



#10
Methyl Iodide
Concen: 20.254 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:142 Resp: 43823
Ion Ratio Lower Upper
142 100
127 51.0 41.8 62.8
141 14.0 11.5 17.3

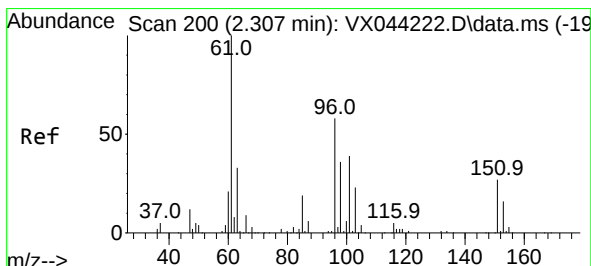
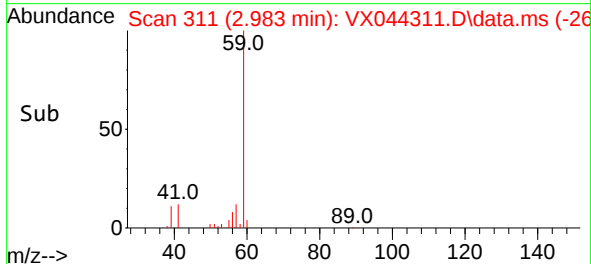
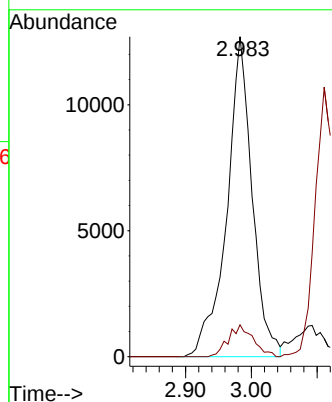
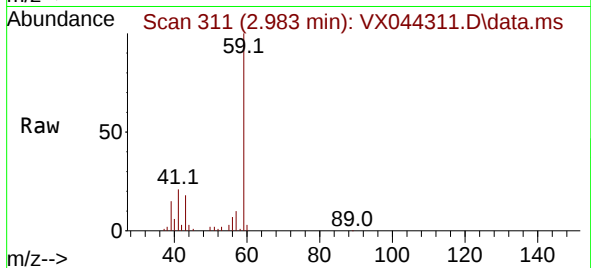




#11
Tert butyl alcohol
Concen: 102.298 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.013 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

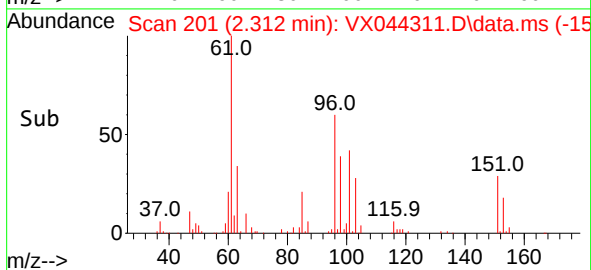
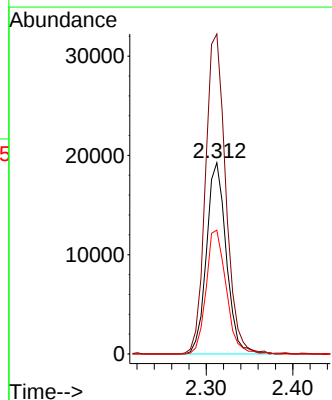
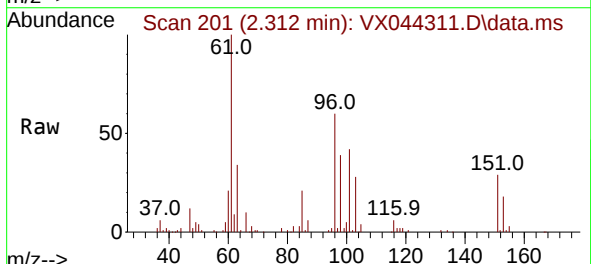
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 59 Resp: 34007
Ion Ratio Lower Upper
59 100
57 9.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.277 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 96 Resp: 30576
Ion Ratio Lower Upper
96 100
61 167.3 138.0 207.0
98 64.7 50.0 75.0

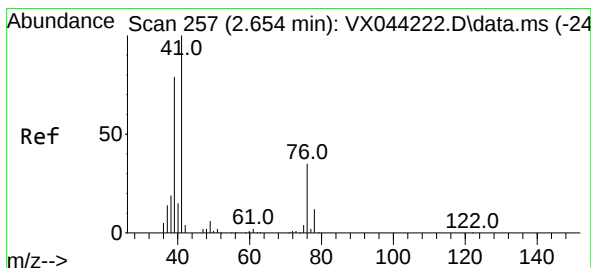
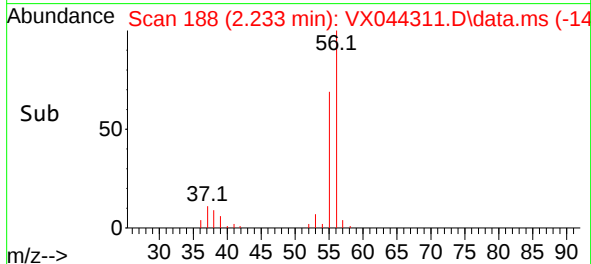
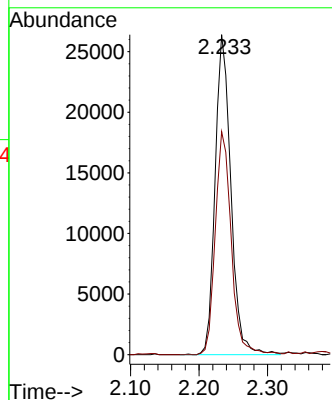
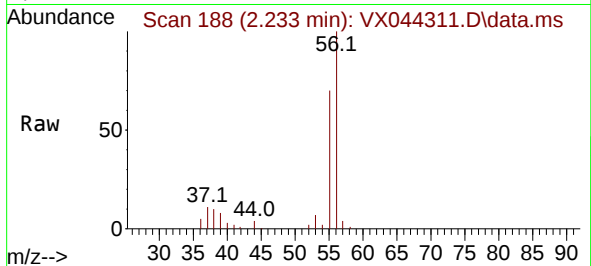




#13
Acrolein
Concen: 87.403 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

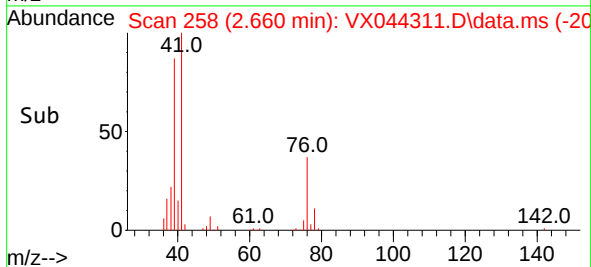
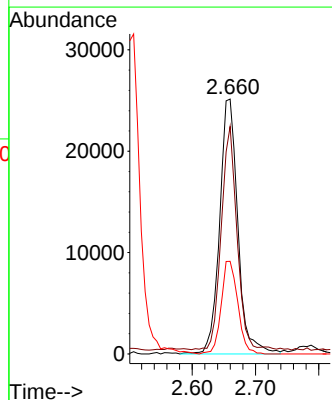
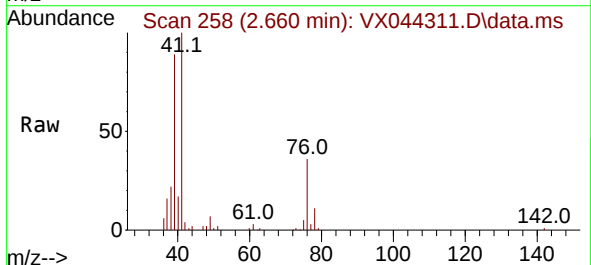
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 56 Resp: 42059
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8



#14
Allyl chloride
Concen: 20.017 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 41 Resp: 50274
Ion Ratio Lower Upper
41 100
39 75.2 61.9 92.9
76 32.9 27.4 41.2

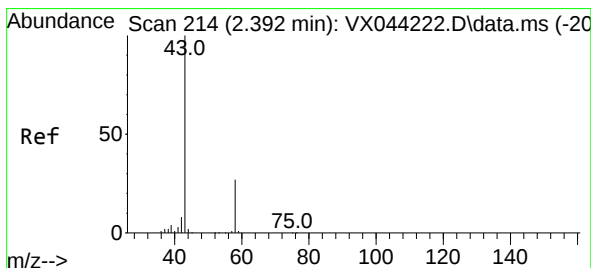
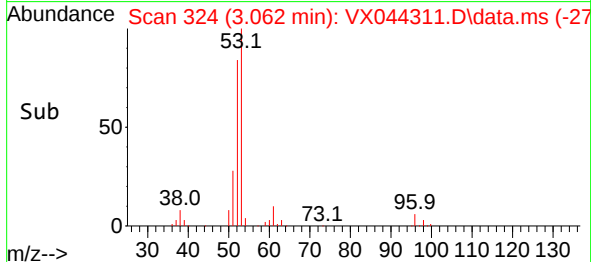
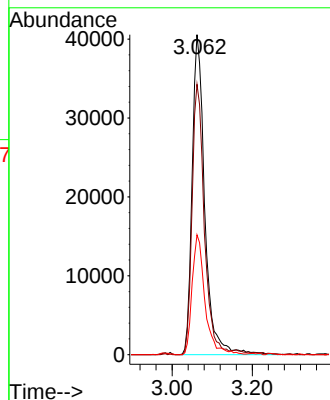
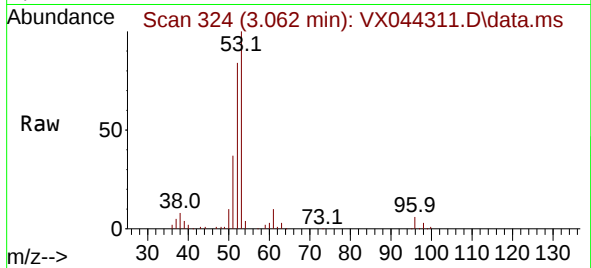




#15
Acrylonitrile
Concen: 96.580 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

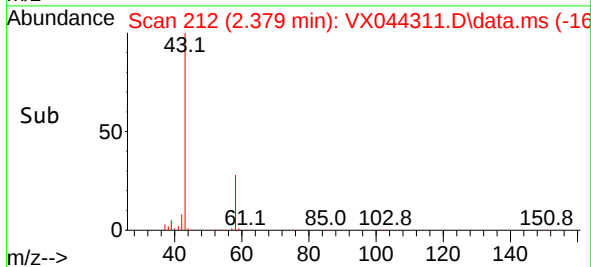
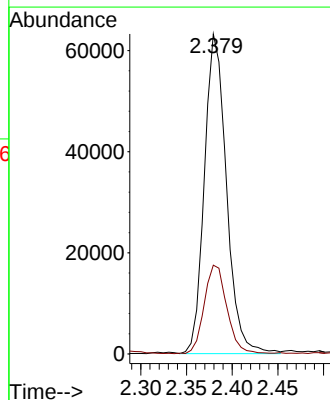
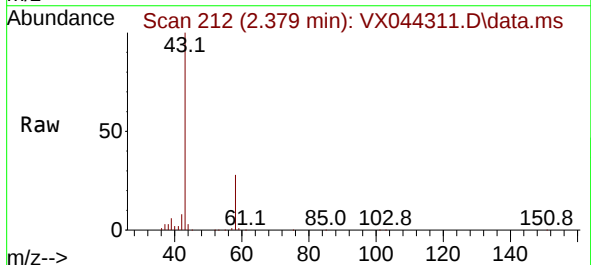
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

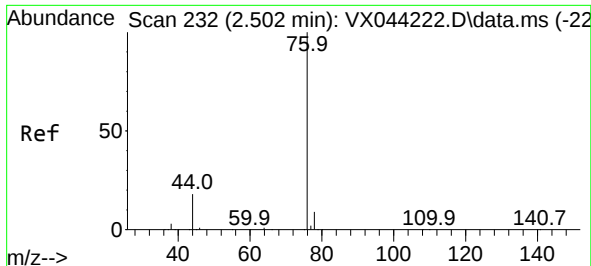
Tgt Ion: 53 Resp: 88935
Ion Ratio Lower Upper
53 100
52 81.5 67.4 101.0
51 38.0 30.3 45.5



#16
Acetone
Concen: 110.414 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 43 Resp: 106176
Ion Ratio Lower Upper
43 100
58 27.5 21.6 32.4





#17

Carbon Disulfide

Concen: 19.300 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

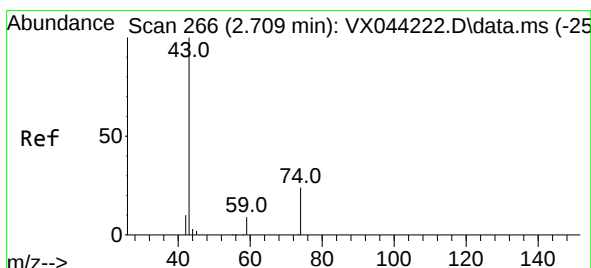
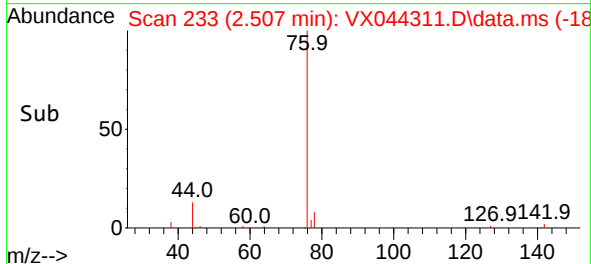
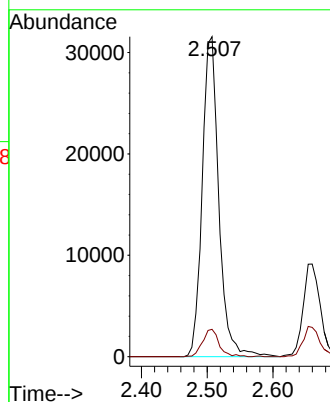
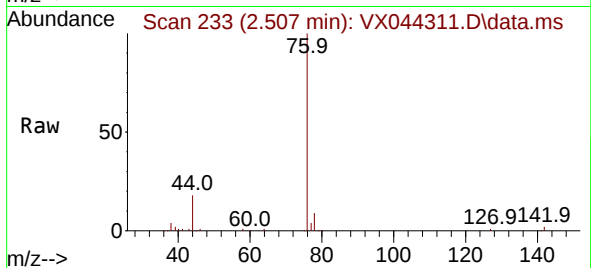
VX1216WBS01

Tgt Ion: 76 Resp: 55319

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 18.900 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX044311.D

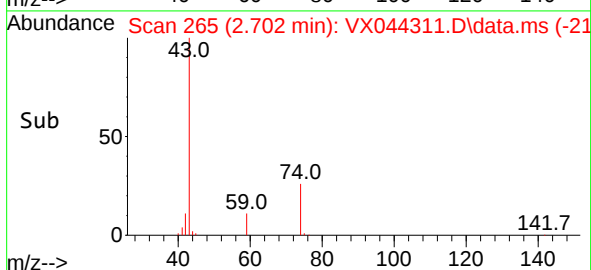
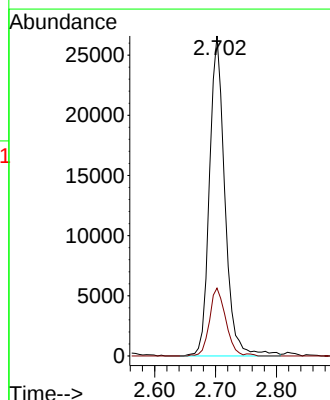
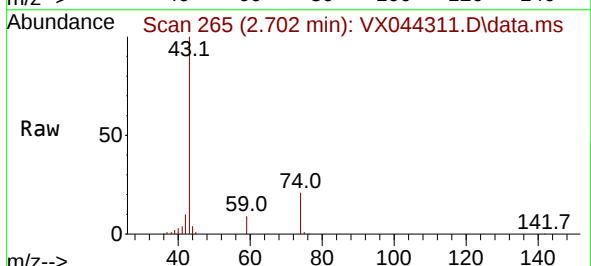
Acq: 16 Dec 2024 10:13

Tgt Ion: 43 Resp: 46861

Ion Ratio Lower Upper

43 100

74 22.4 17.7 26.5

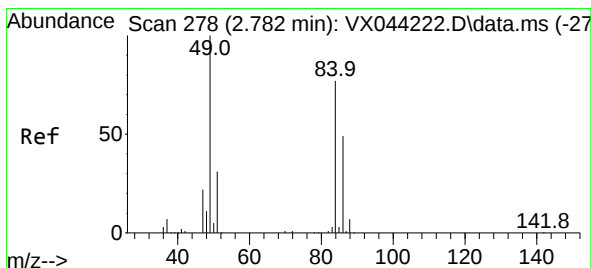
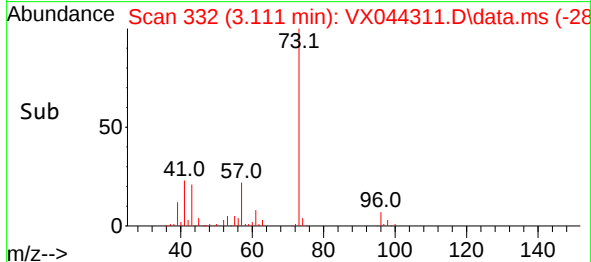
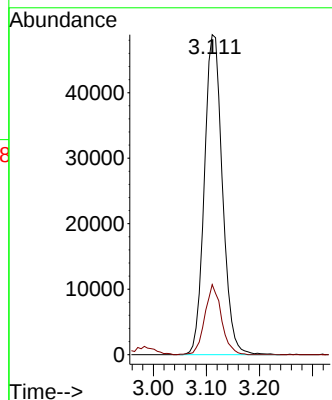
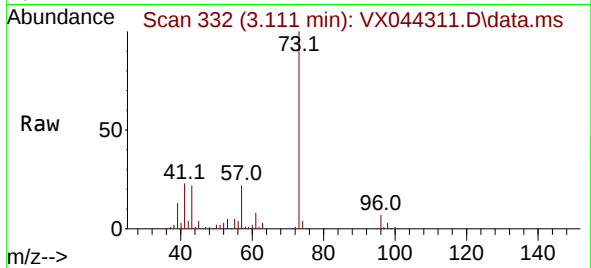




#19
Methyl tert-butyl Ether
Concen: 19.632 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

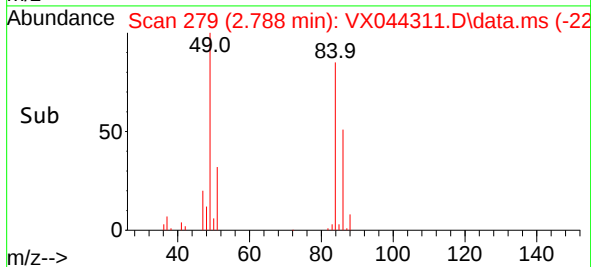
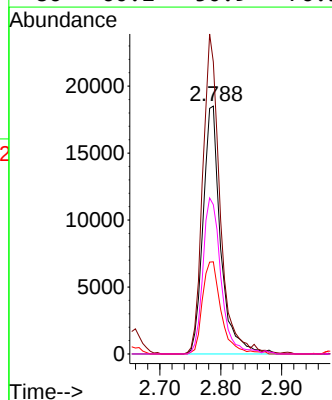
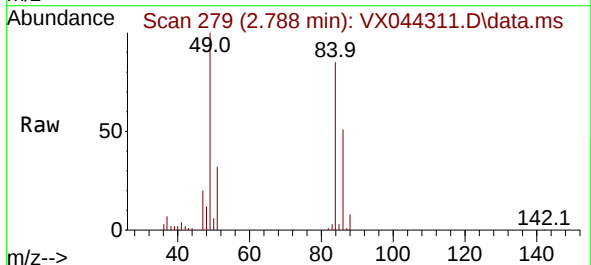
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 73 Resp: 115525
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.4



#20
Methylene Chloride
Concen: 20.596 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 84 Resp: 37200
Ion Ratio Lower Upper
84 100
49 117.8 104.2 156.4
51 37.2 32.2 48.4
86 60.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.307 ug/l

RT: 3.086 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

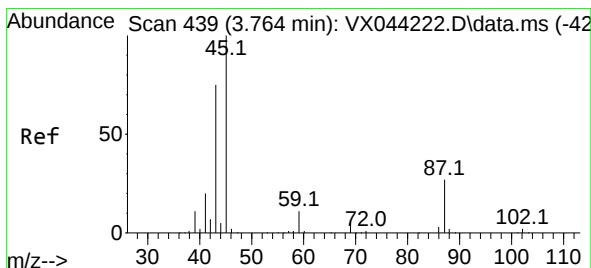
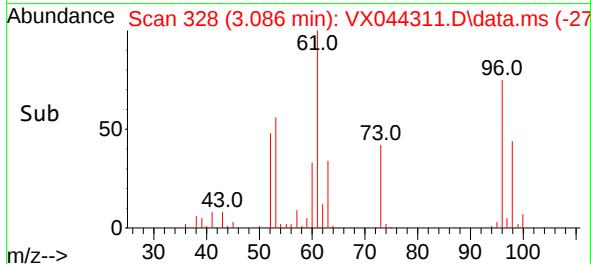
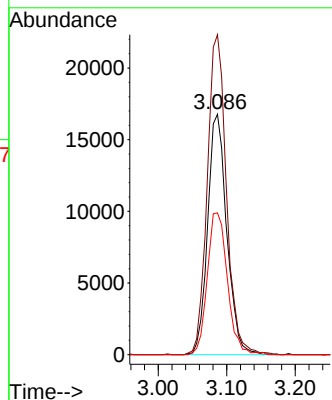
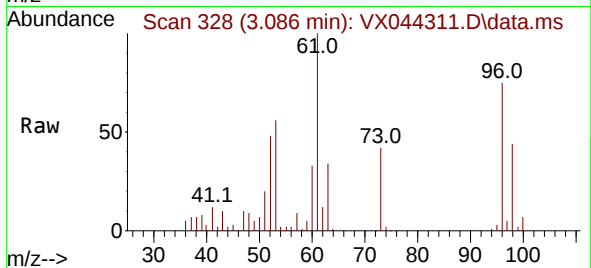
Tgt Ion: 96 Resp: 32543

Ion Ratio Lower Upper

96 100

61 133.0 112.0 168.0

98 58.9 48.8 73.2



#22

Diisopropyl ether

Concen: 20.062 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Tgt Ion: 45 Resp: 113465

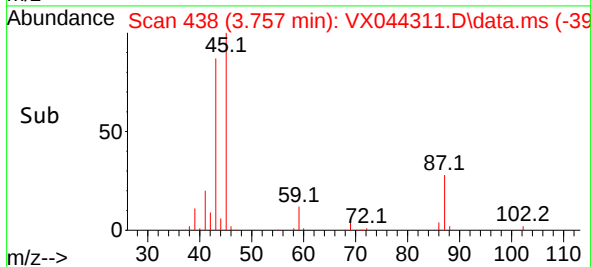
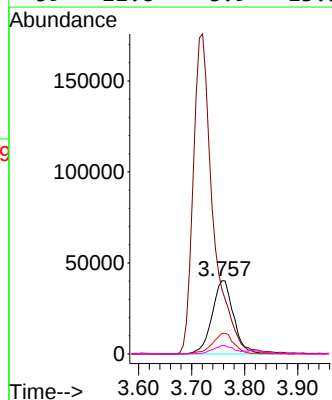
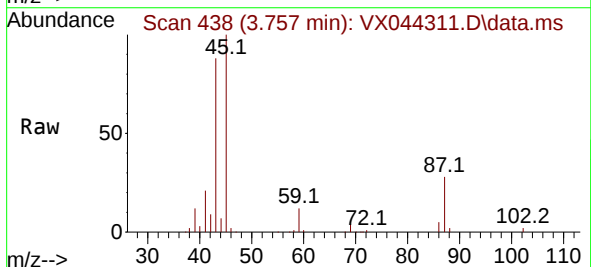
Ion Ratio Lower Upper

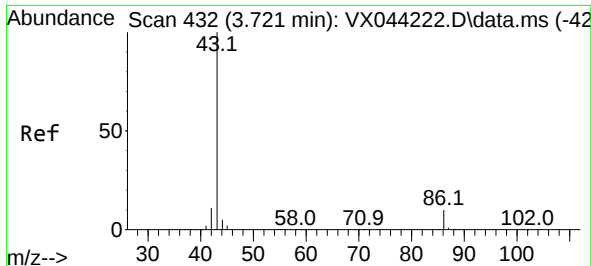
45 100

43 86.2 60.2 90.2

87 28.2 21.2 31.8

59 11.8 8.9 13.3

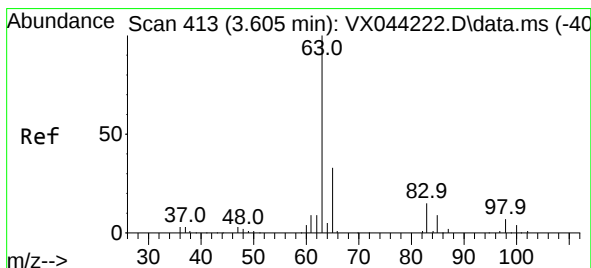
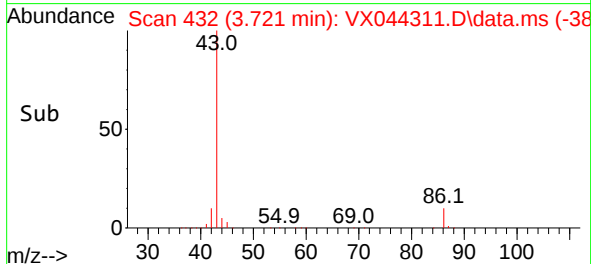
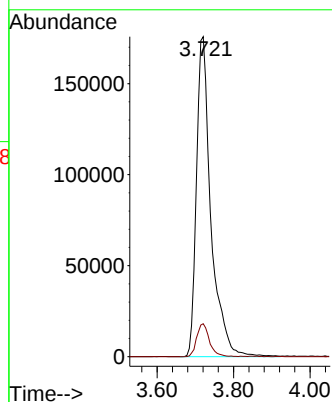
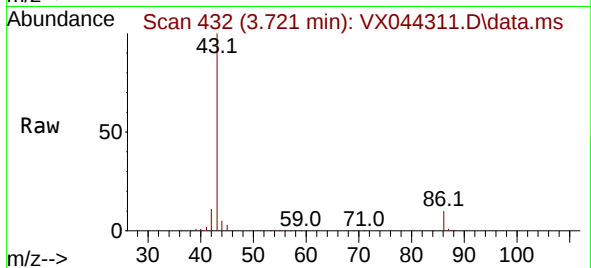




#23
 Vinyl Acetate
 Concen: 100.509 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044311.D
 Acq: 16 Dec 2024 10:13

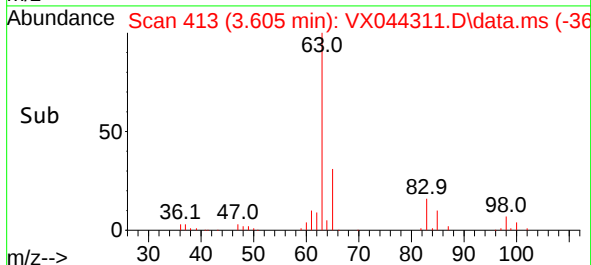
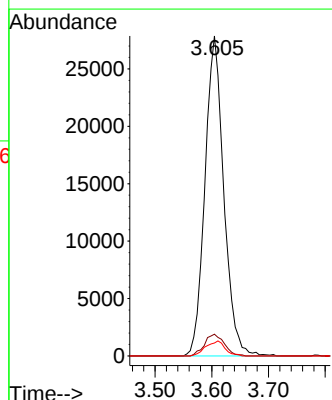
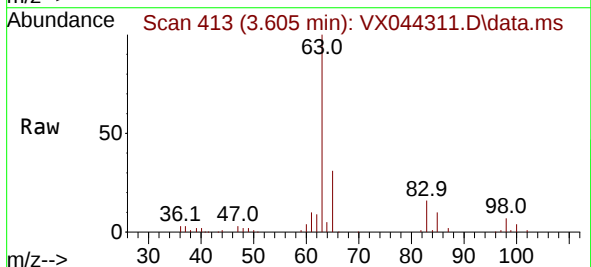
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

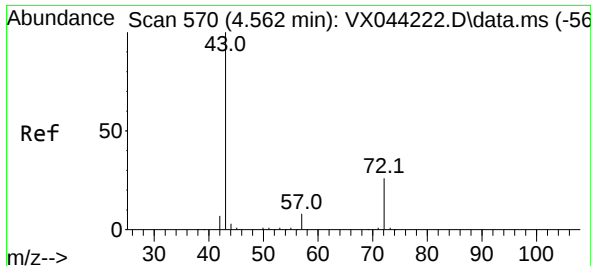
Tgt Ion: 43 Resp: 462150
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.437 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044311.D
 Acq: 16 Dec 2024 10:13

Tgt Ion: 63 Resp: 64430
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.1 2.1 6.3

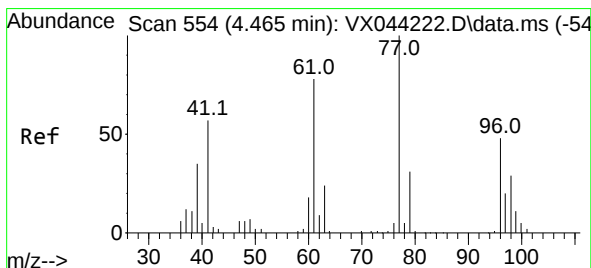
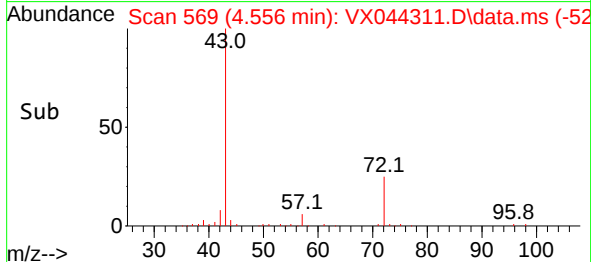
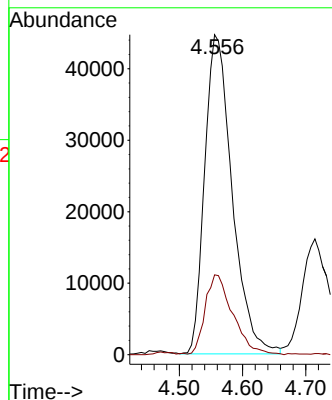
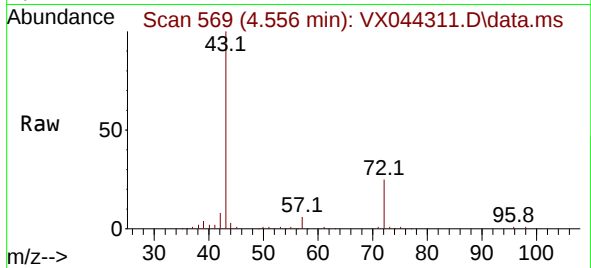




#25
2-Butanone
Concen: 98.719 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

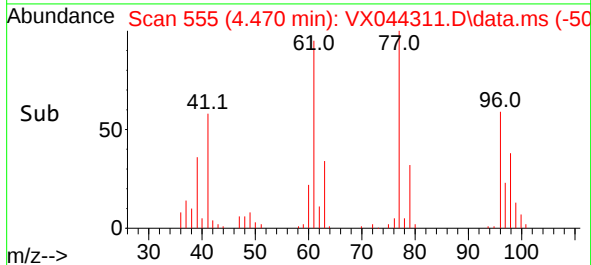
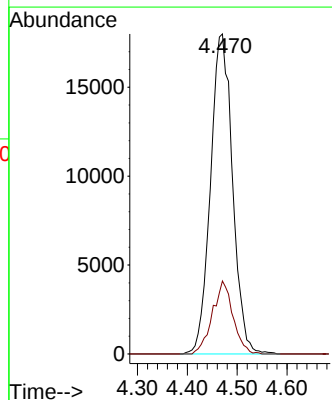
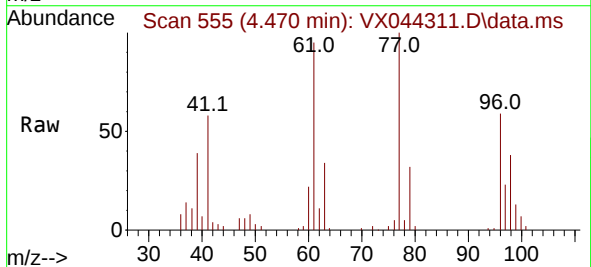
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 43 Resp: 134957
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 21.555 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 77 Resp: 55206
Ion Ratio Lower Upper
77 100
97 21.3 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 19.308 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

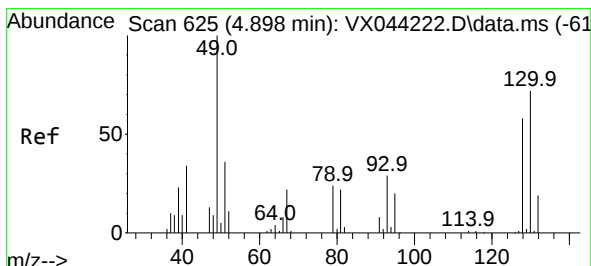
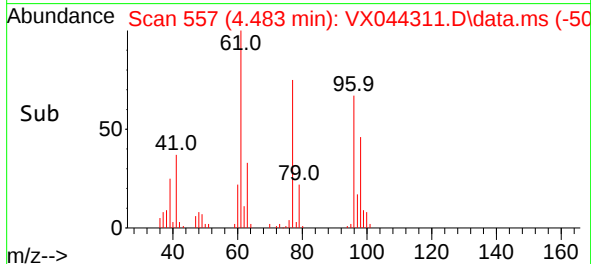
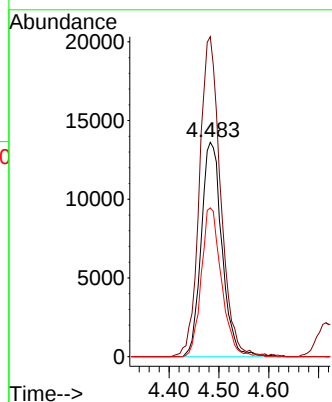
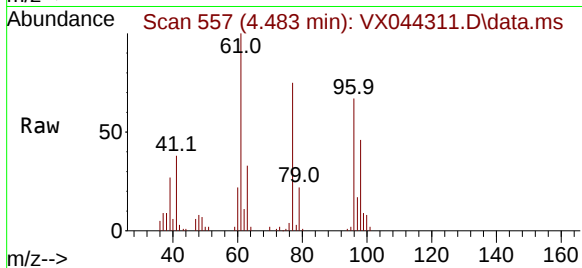
Tgt Ion: 96 Resp: 39297

Ion Ratio Lower Upper

96 100

61 152.6 0.0 299.0

98 67.5 0.0 129.0



#28

Bromochloromethane

Concen: 16.605 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

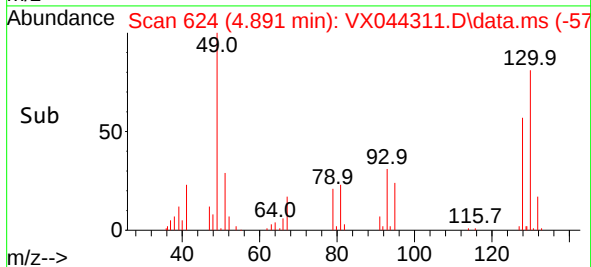
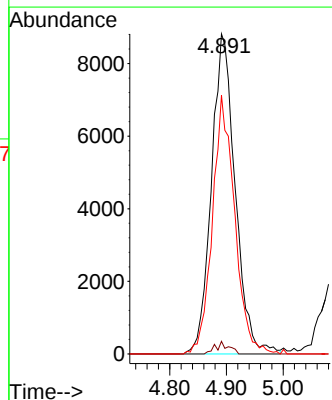
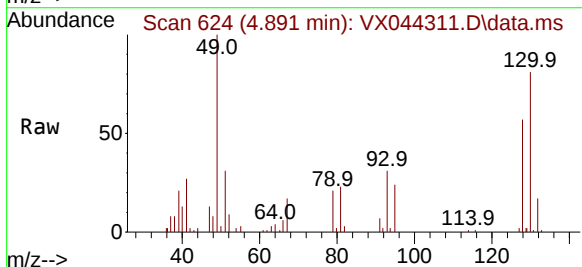
Tgt Ion: 49 Resp: 25670

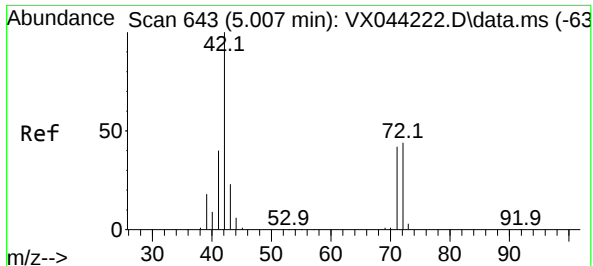
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 75.6 62.1 93.1





#29

Tetrahydrofuran

Concen: 91.570 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

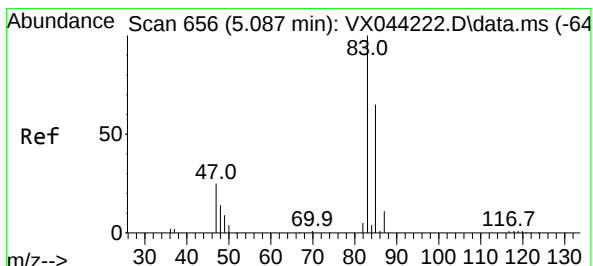
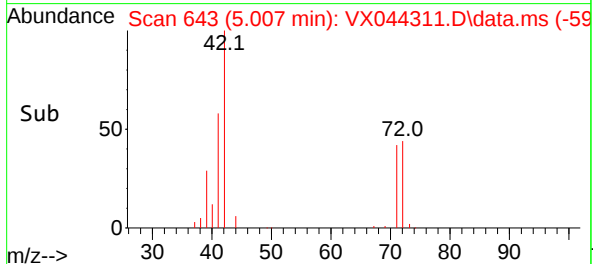
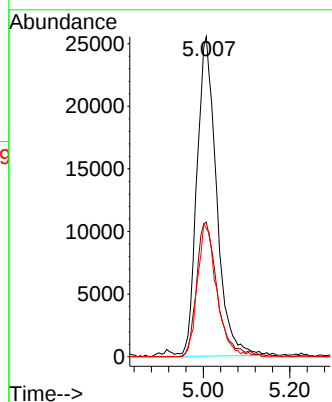
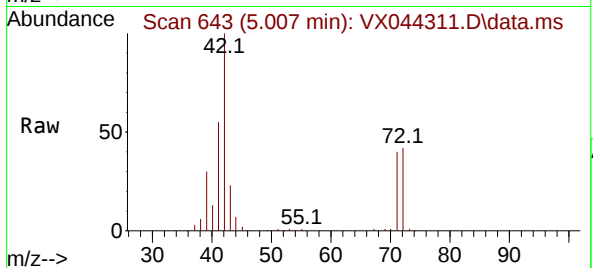
Tgt Ion: 42 Resp: 80351

Ion Ratio Lower Upper

42 100

72 44.5 37.0 55.6

71 41.1 33.6 50.4



#30

Chloroform

Concen: 19.583 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044311.D

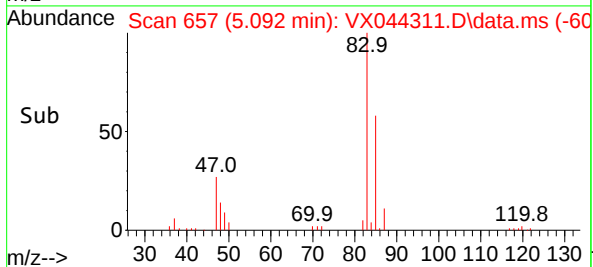
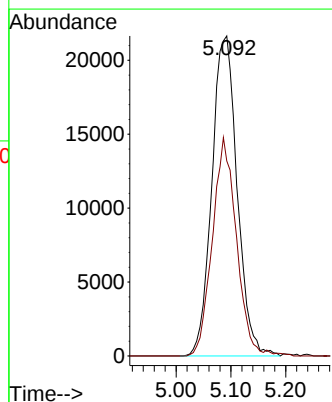
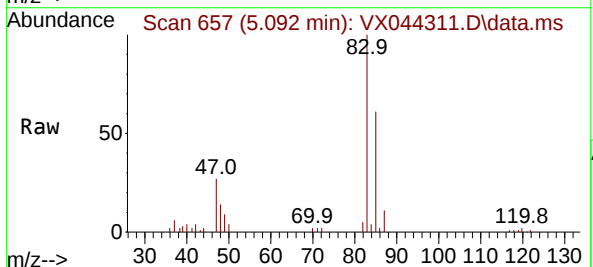
Acq: 16 Dec 2024 10:13

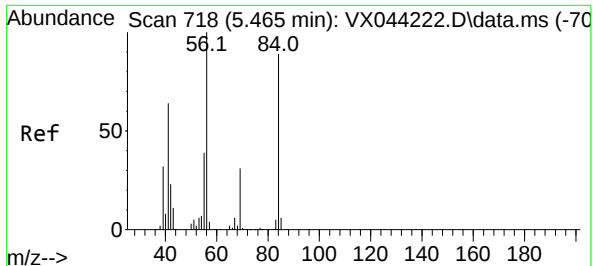
Tgt Ion: 83 Resp: 69366

Ion Ratio Lower Upper

83 100

85 61.0 51.6 77.4

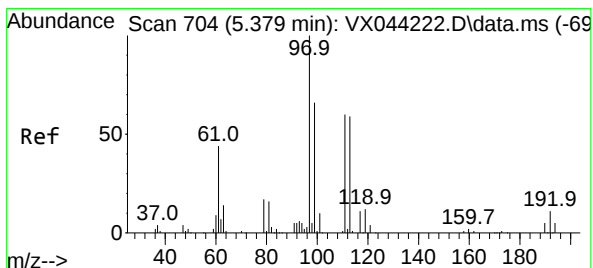
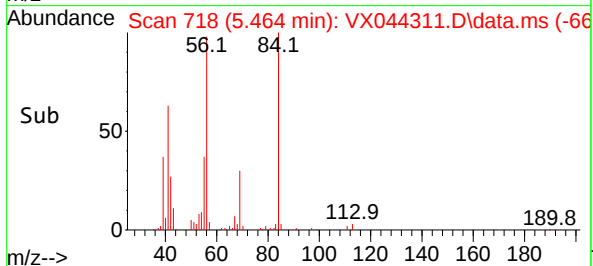
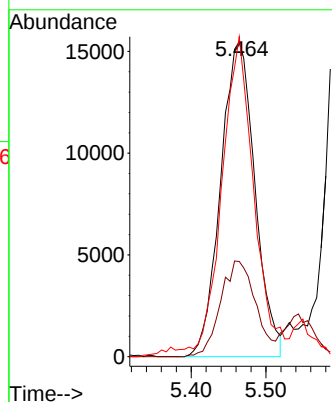
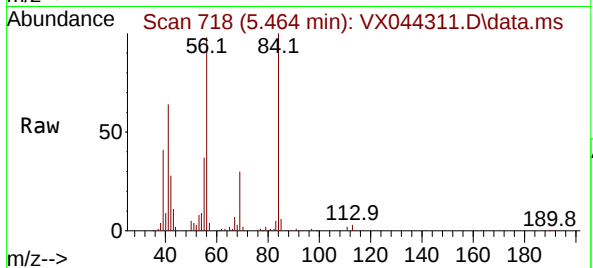




#31
Cyclohexane
Concen: 19.426 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

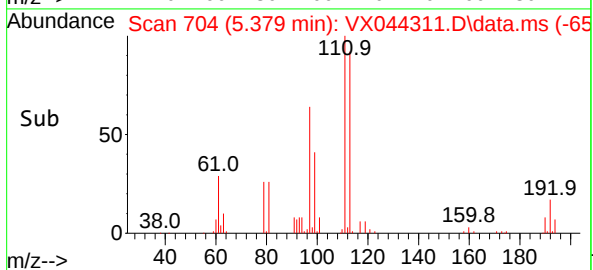
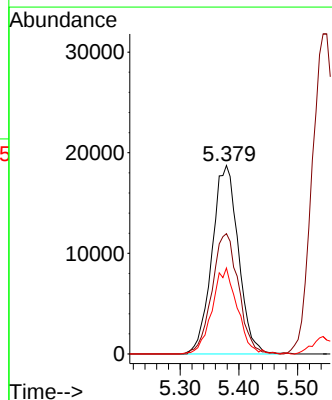
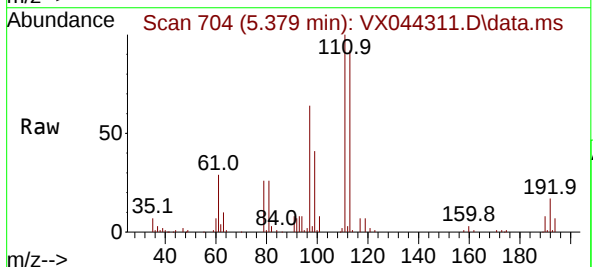
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

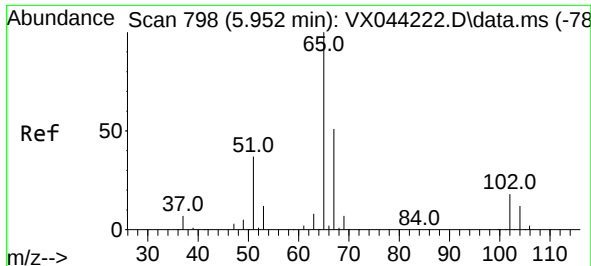
Tgt Ion: 56 Resp: 49455
Ion Ratio Lower Upper
56 100
69 30.2 24.7 37.1
84 99.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 19.843 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 97 Resp: 58343
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.198 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

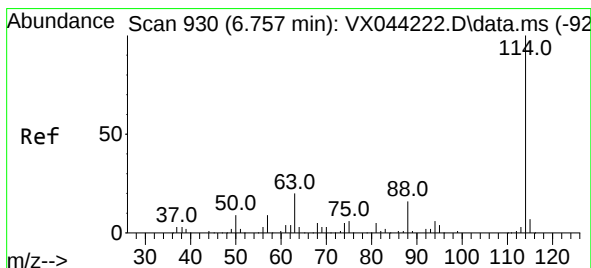
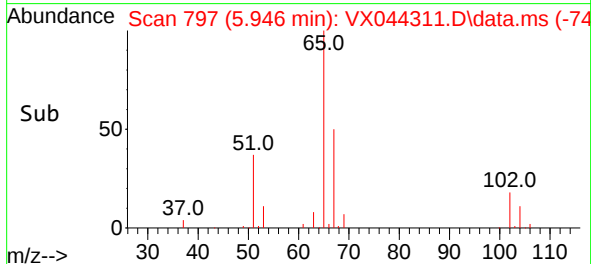
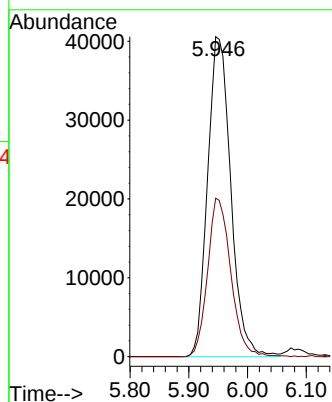
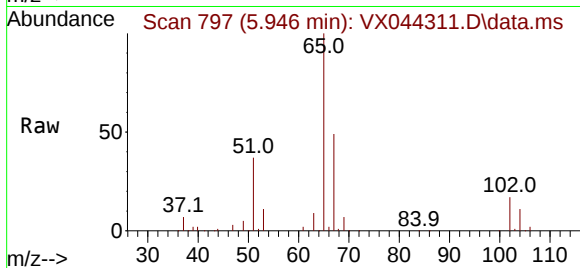
VX1216WBS01

Tgt Ion: 65 Resp: 111328

Ion Ratio Lower Upper

65 100

67 49.6 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: VX044311.D

Acq: 16 Dec 2024 10:13

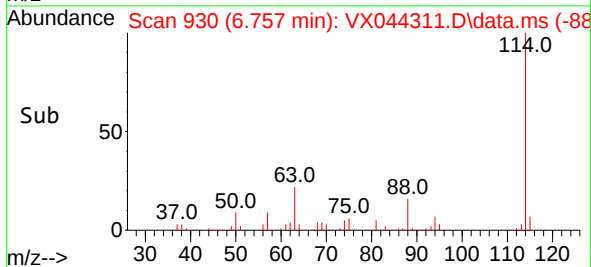
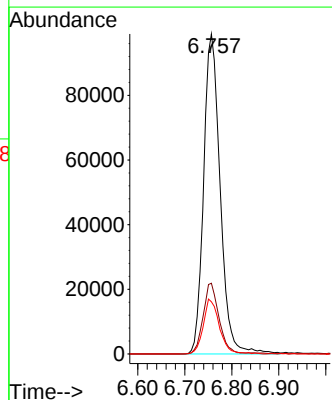
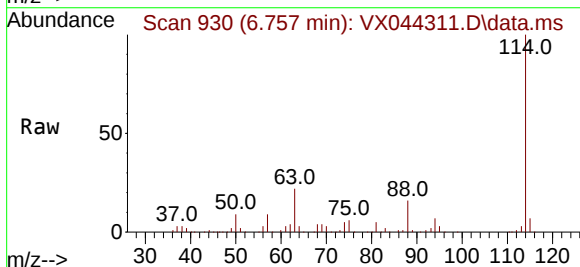
Tgt Ion: 114 Resp: 242066

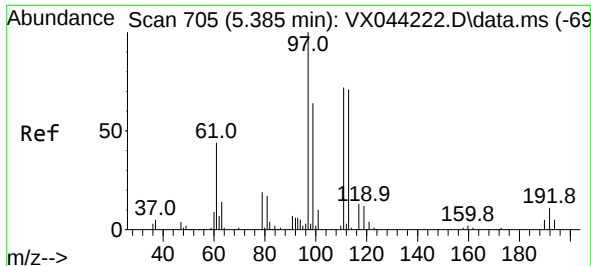
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.6

88 16.3 0.0 31.8

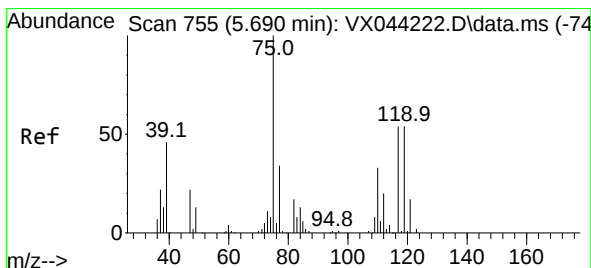
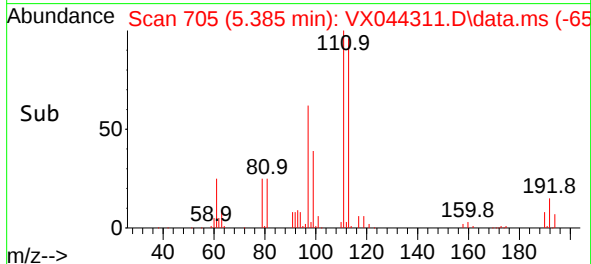
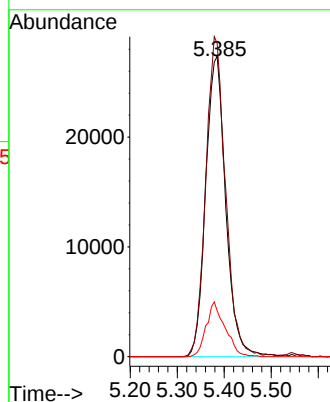
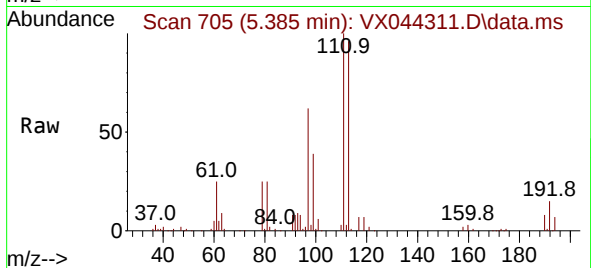




#35
Dibromofluoromethane
Concen: 48.454 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

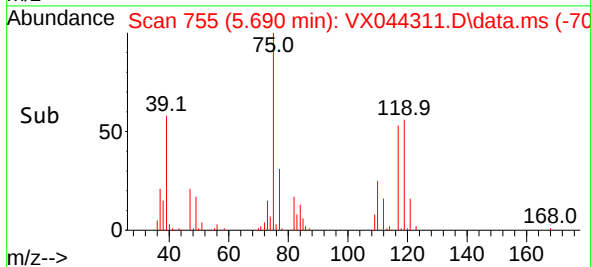
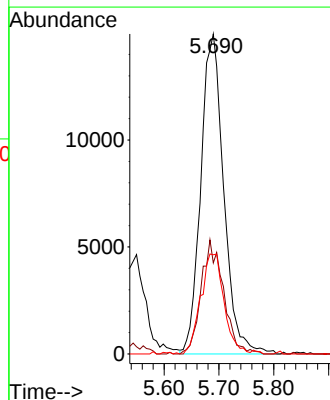
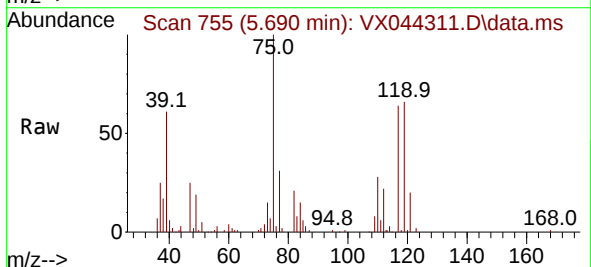
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

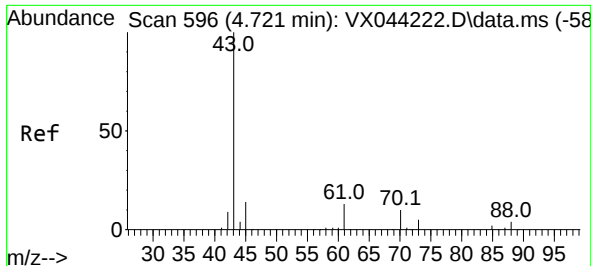
Tgt Ion:113 Resp: 81234
Ion Ratio Lower Upper
113 100
111 104.4 80.4 120.6
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 20.073 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 75 Resp: 43501
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.7
77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 17.929 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

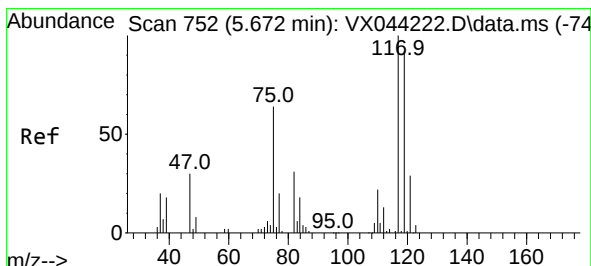
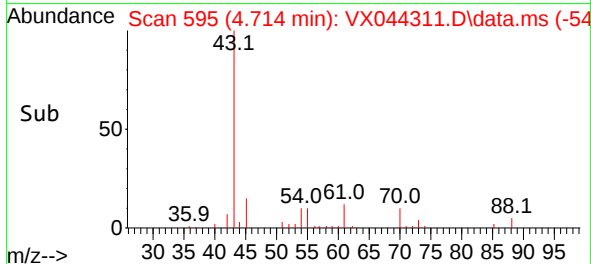
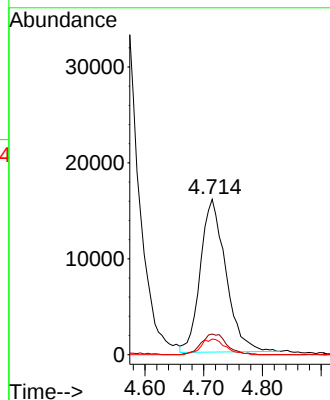
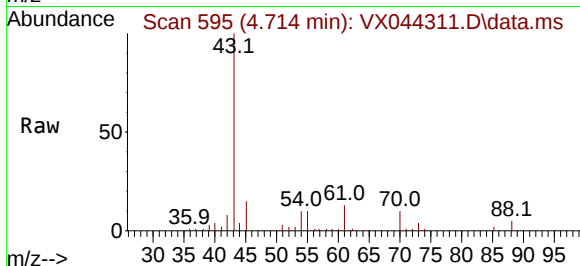
Tgt Ion: 43 Resp: 48028

Ion Ratio Lower Upper

43 100

61 13.6 9.8 14.8

70 9.8 7.7 11.5



#38

Carbon Tetrachloride

Concen: 20.363 ug/l

RT: 5.671 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

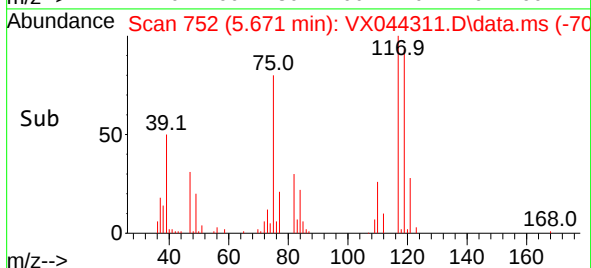
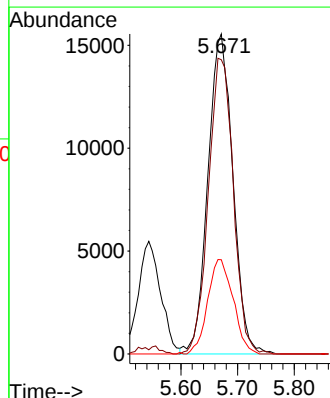
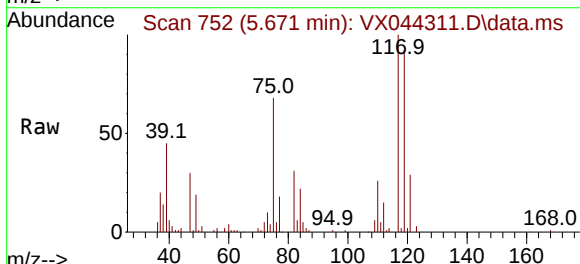
Tgt Ion: 117 Resp: 47510

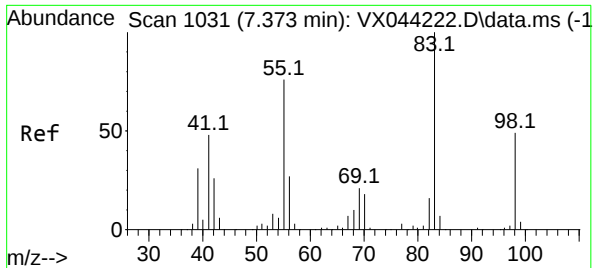
Ion Ratio Lower Upper

117 100

119 92.0 74.2 111.4

121 29.5 23.0 34.6

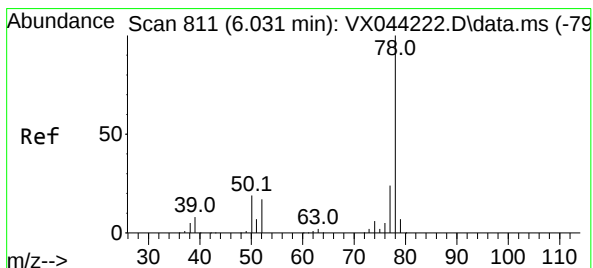
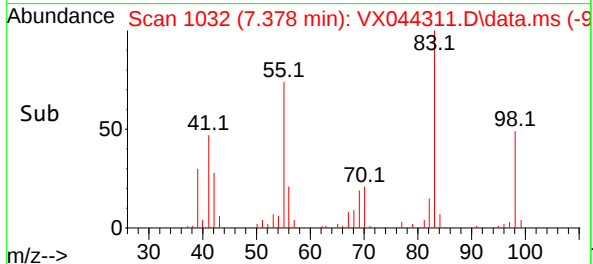
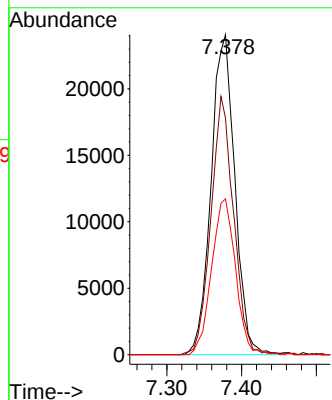
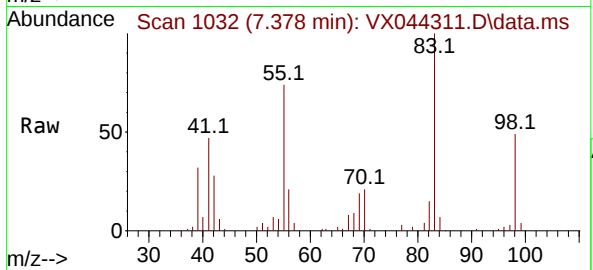




#39
Methylcyclohexane
Concen: 20.558 ug/l
RT: 7.378 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

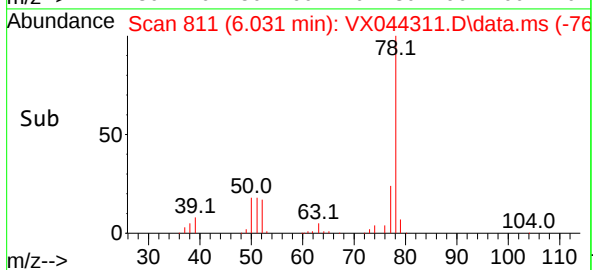
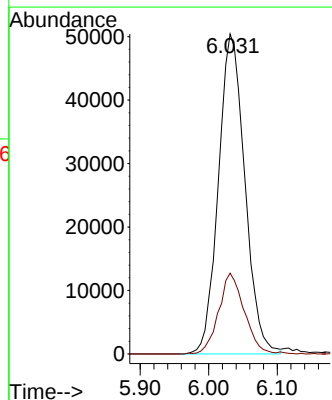
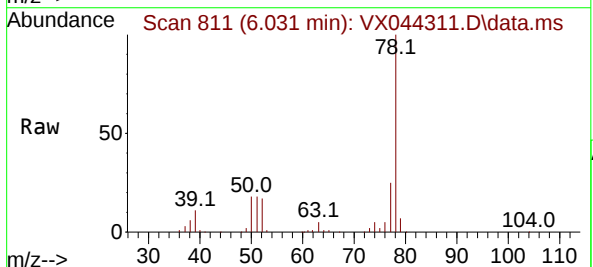
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 83 Resp: 53260
Ion Ratio Lower Upper
83 100
55 74.0 60.7 91.1
98 48.7 38.9 58.3



#40
Benzene
Concen: 20.526 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 78 Resp: 135059
Ion Ratio Lower Upper
78 100
77 25.3 19.3 28.9

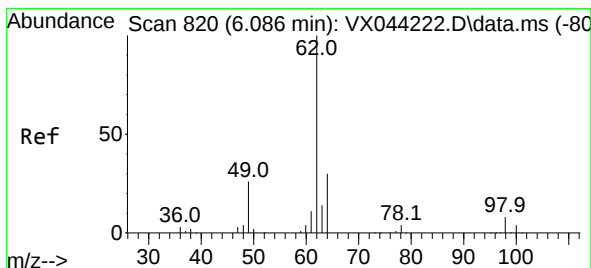
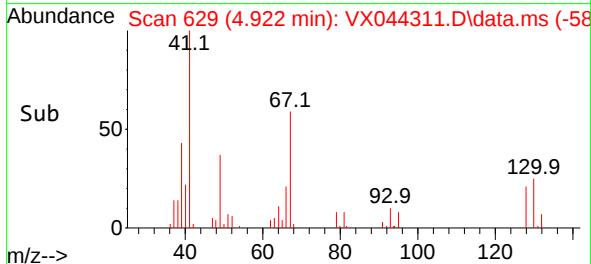
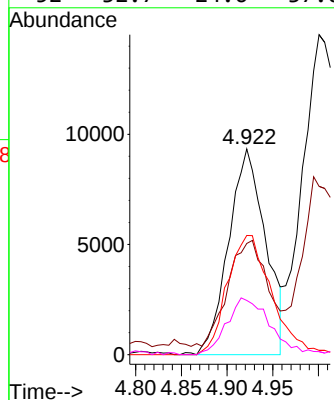
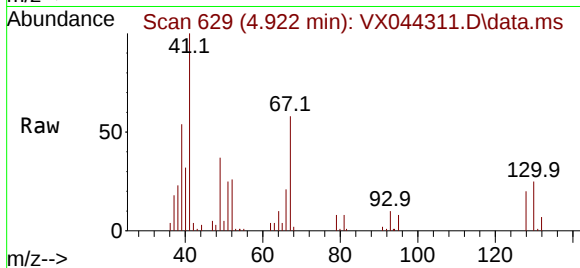




#41
Methacrylonitrile
Concen: 18.499 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

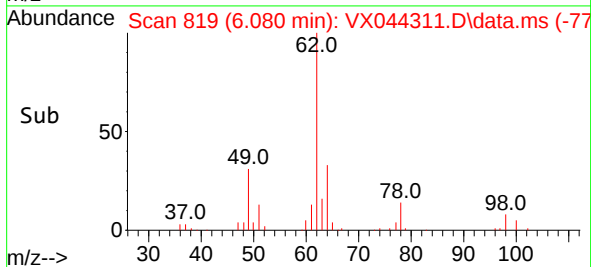
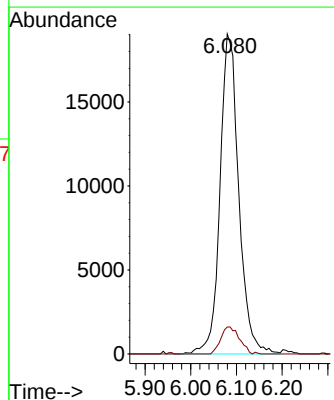
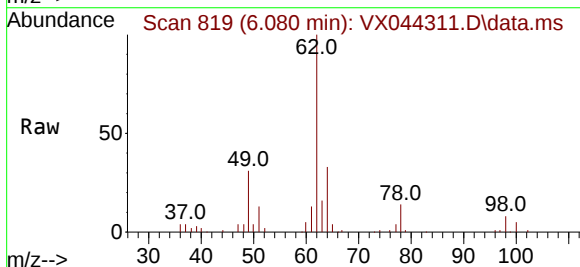
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

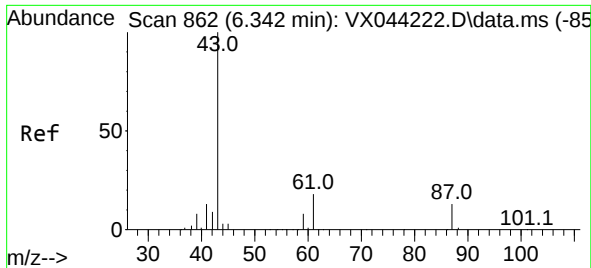
Tgt Ion:	41	Resp:	26315
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.2	66.4
67	69.2	57.2	85.8
52	32.7	24.6	37.0



#42
1,2-Dichloroethane
Concen: 20.037 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:	62	Resp:	54309
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8

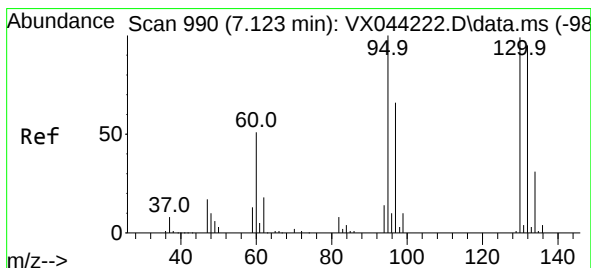
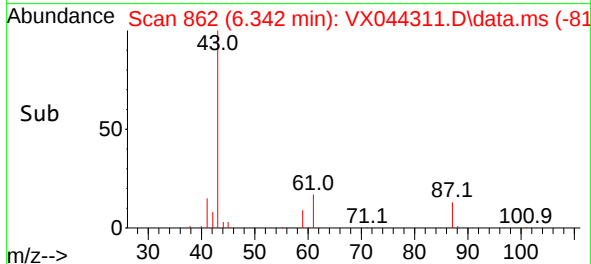
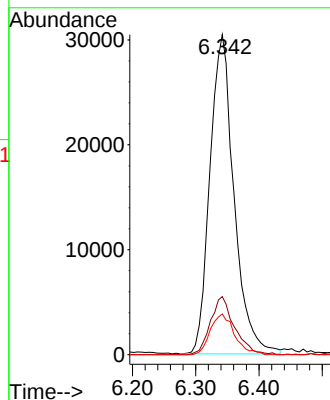
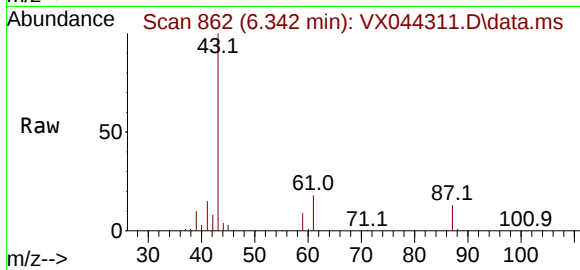




#43
Isopropyl Acetate
Concen: 19.178 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

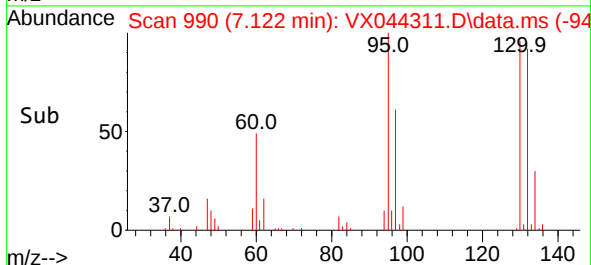
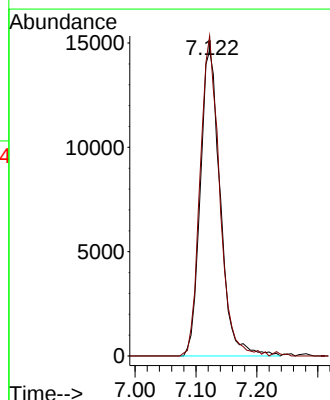
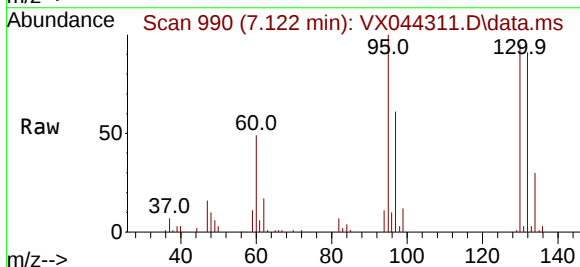
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

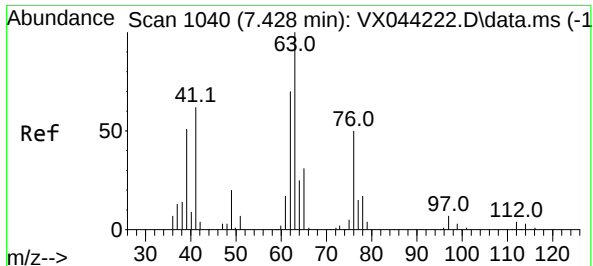
Tgt Ion: 43 Resp: 80299
Ion Ratio Lower Upper
43 100
61 18.2 14.2 21.2
87 12.8 10.2 15.2



#44
Trichloroethene
Concen: 20.382 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:130 Resp: 33444
Ion Ratio Lower Upper
130 100
95 104.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 20.829 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

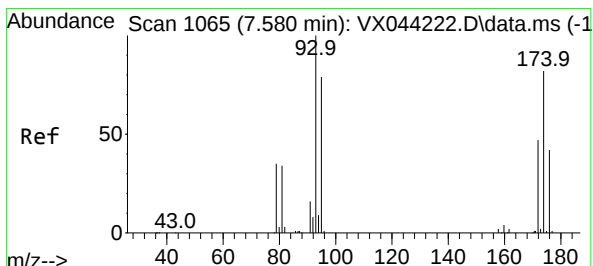
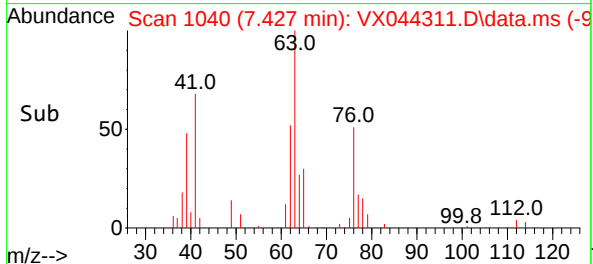
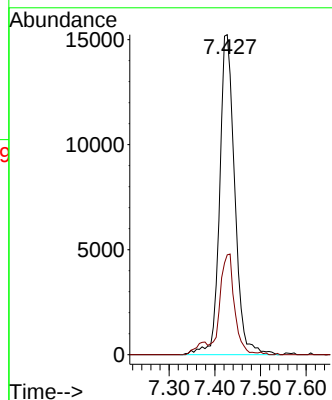
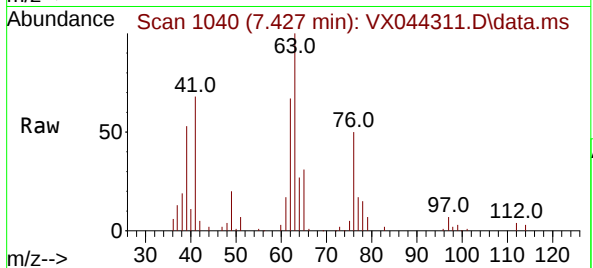
VX1216WBS01

Tgt Ion: 63 Resp: 35014

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 20.229 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

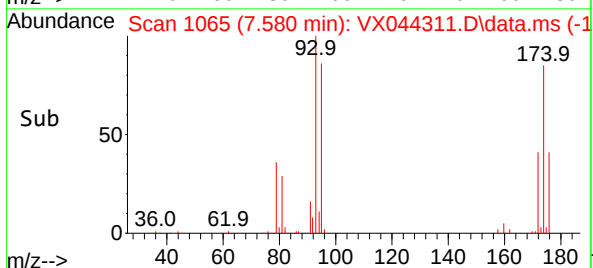
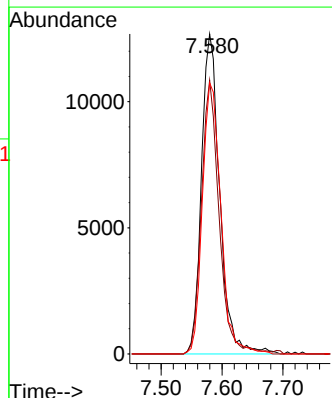
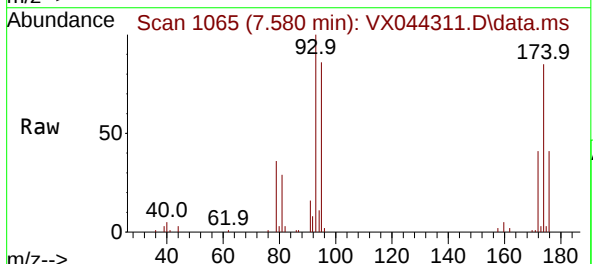
Tgt Ion: 93 Resp: 26382

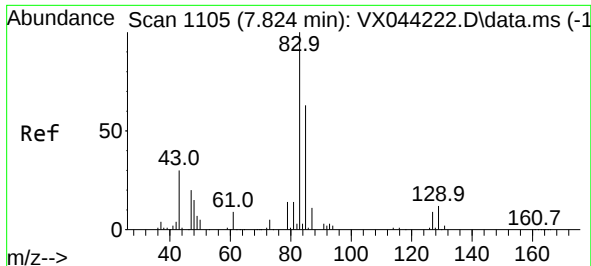
Ion Ratio Lower Upper

93 100

95 83.1 65.4 98.2

174 85.9 67.9 101.9

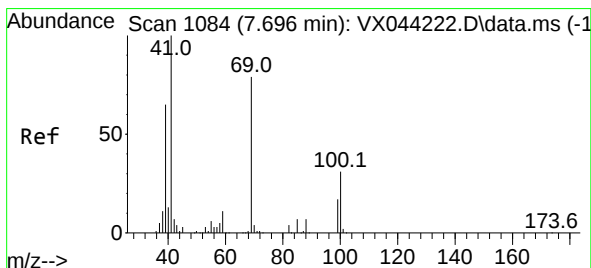
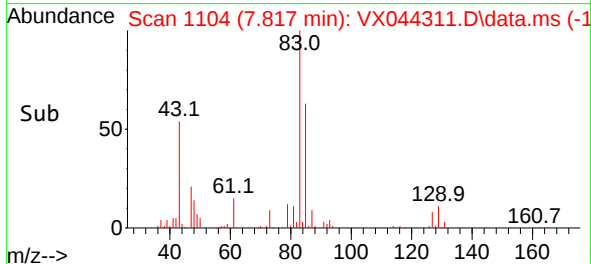
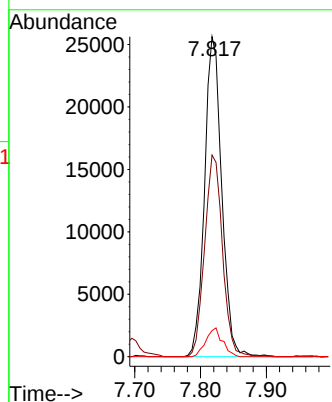
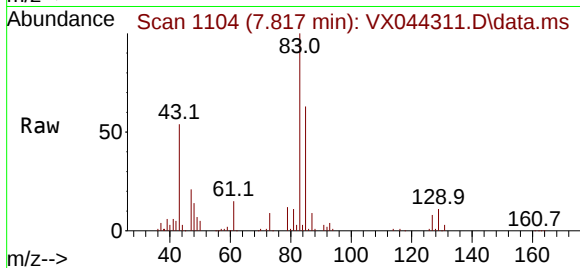




#47
Bromodichloromethane
Concen: 20.751 ug/l
RT: 7.817 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

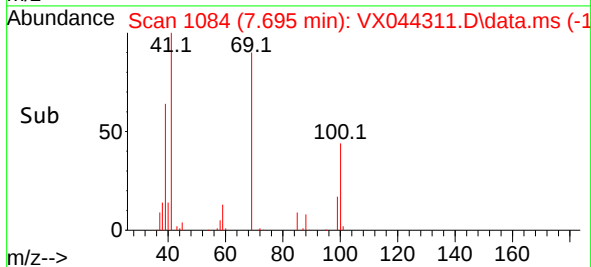
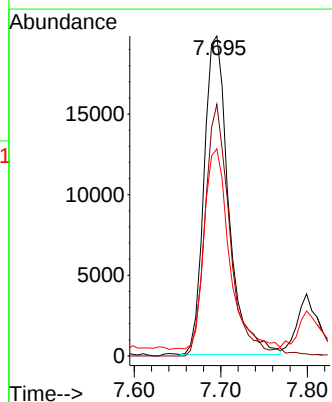
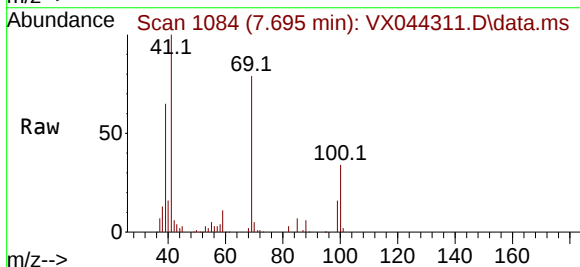
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

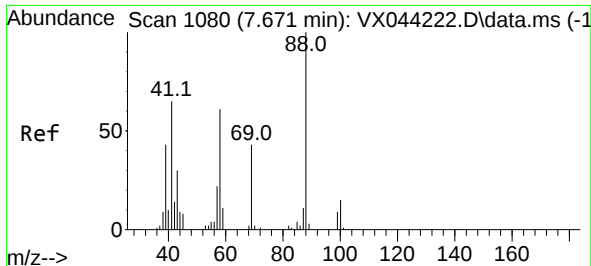
Tgt Ion: 83 Resp: 46737
Ion Ratio Lower Upper
83 100
85 63.0 50.6 75.8
127 8.2 7.3 10.9



#48
Methyl methacrylate
Concen: 19.156 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 41 Resp: 38934
Ion Ratio Lower Upper
41 100
69 80.3 62.4 93.6
39 63.9 53.3 79.9





#49

1,4-Dioxane

Concen: 351.120 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.007 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

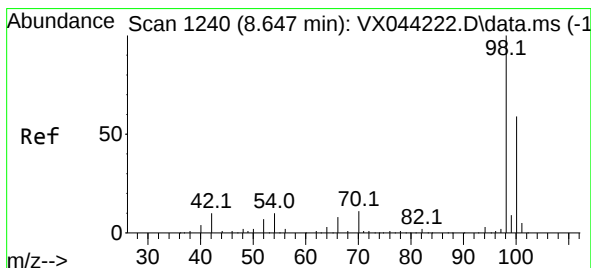
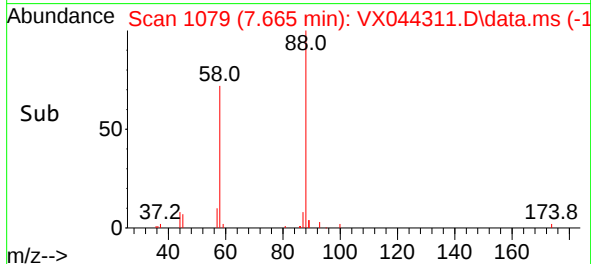
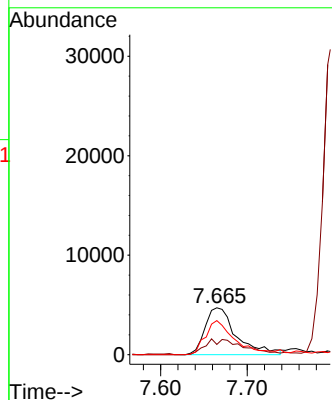
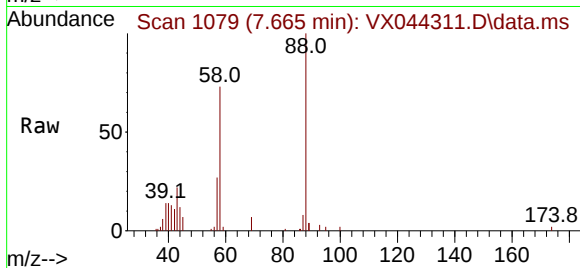
Tgt Ion: 88 Resp: 11832

Ion Ratio Lower Upper

88 100

43 40.6 27.1 40.7

58 71.0 41.0 61.4#



#50

Toluene-d8

Concen: 50.925 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044311.D

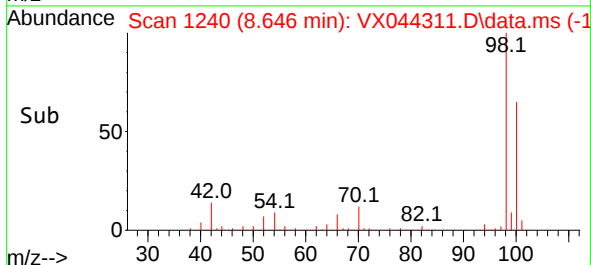
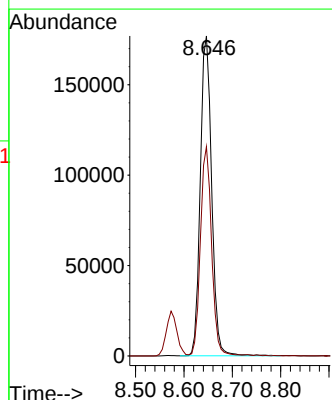
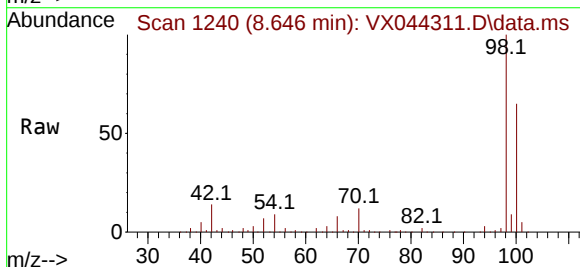
Acq: 16 Dec 2024 10:13

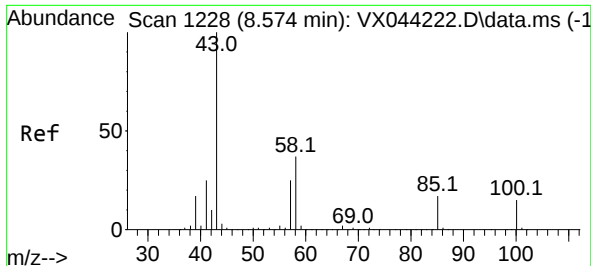
Tgt Ion: 98 Resp: 288040

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3

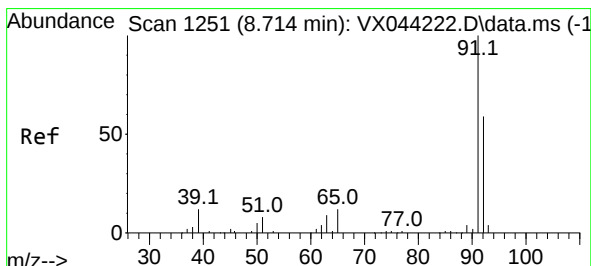
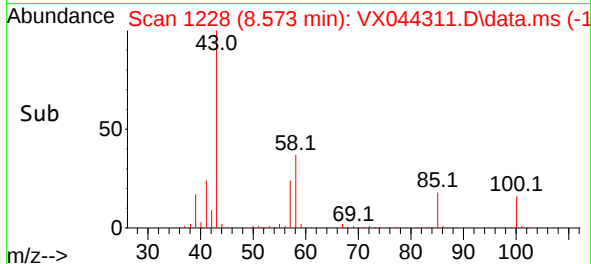
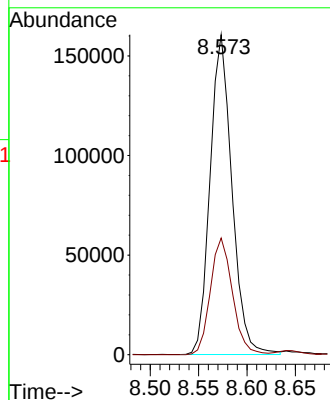
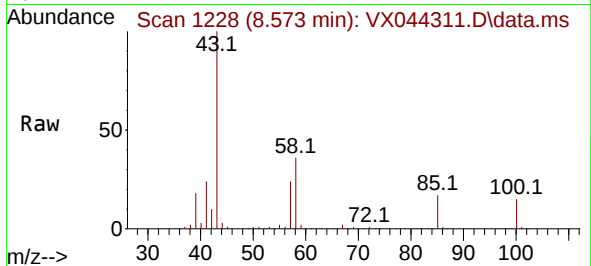




#51
4-Methyl-2-Pentanone
Concen: 93.940 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

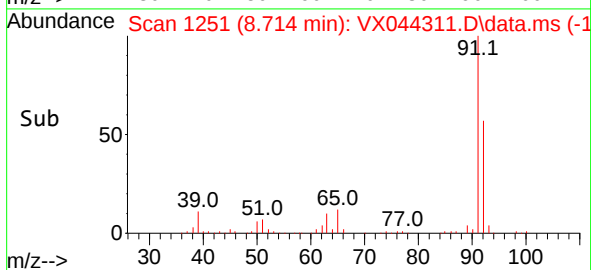
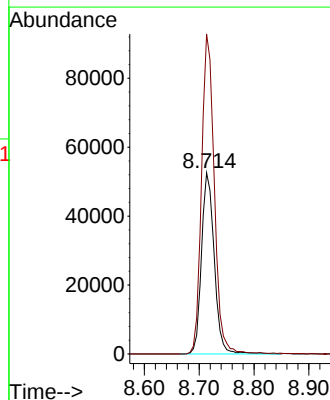
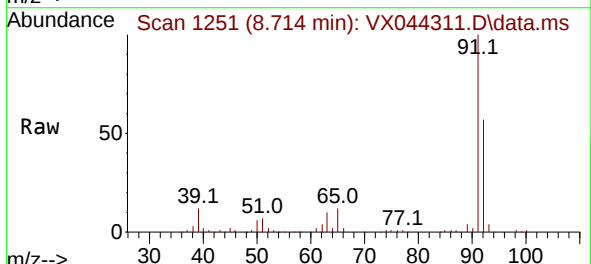
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

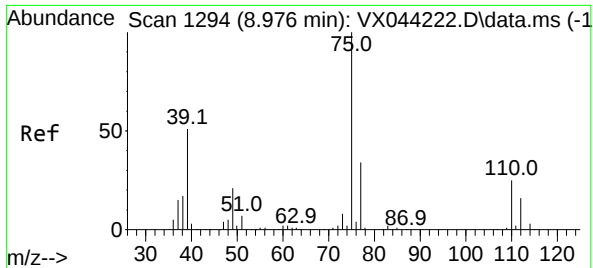
Tgt Ion: 43 Resp: 252900
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0



#52
Toluene
Concen: 20.555 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 92 Resp: 84932
Ion Ratio Lower Upper
92 100
91 177.0 137.0 205.6

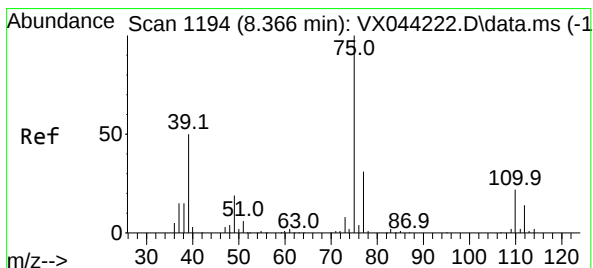
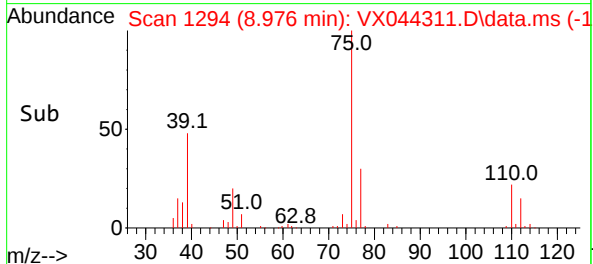
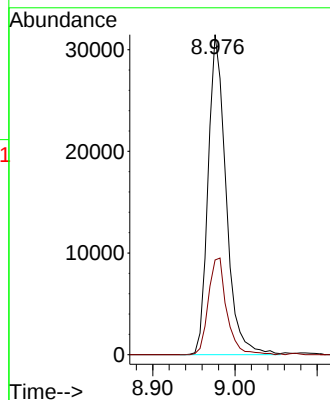
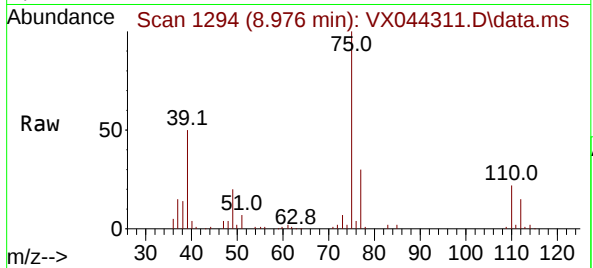




#53
t-1,3-Dichloropropene
Concen: 20.900 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

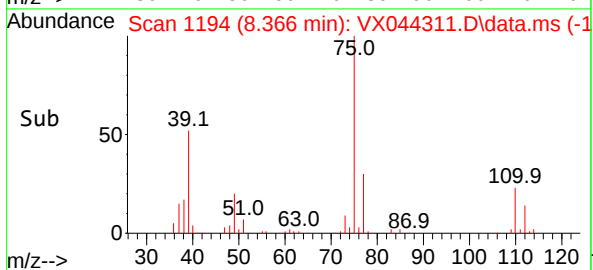
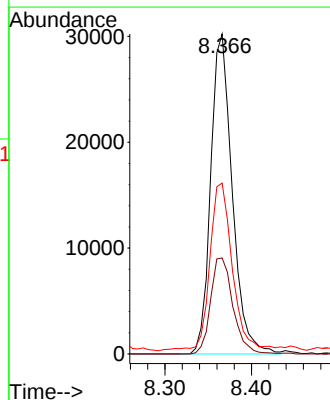
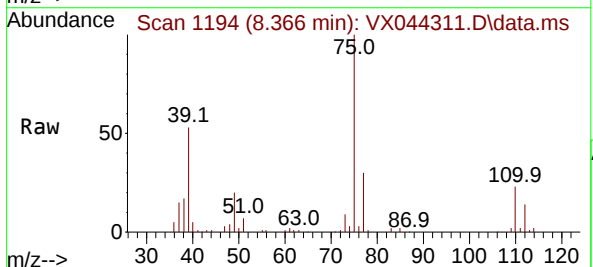
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 75 Resp: 47642
Ion Ratio Lower Upper
75 100
77 29.6 27.2 40.8



#54
cis-1,3-Dichloropropene
Concen: 21.281 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 75 Resp: 52190
Ion Ratio Lower Upper
75 100
77 30.0 24.7 37.1
39 51.7 40.3 60.5



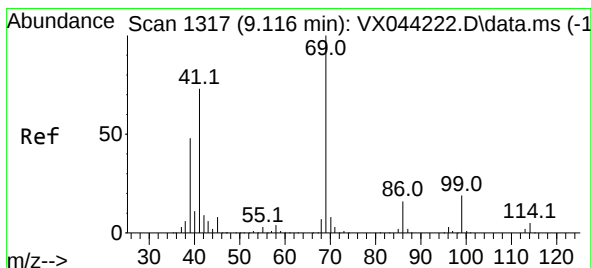
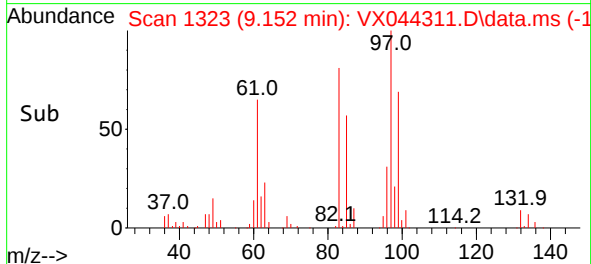
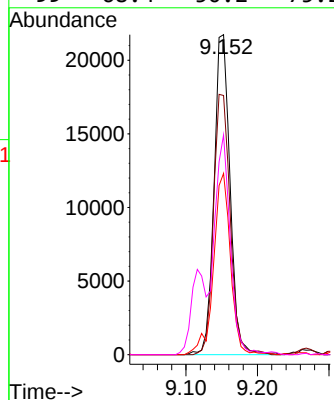
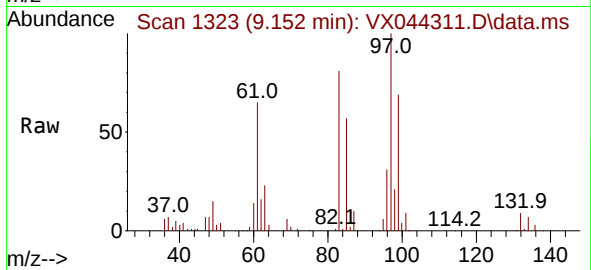


#55
1,1,2-Trichloroethane
Concen: 20.570 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion: 97 Resp: 33766

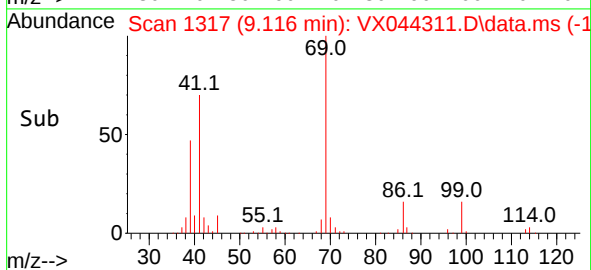
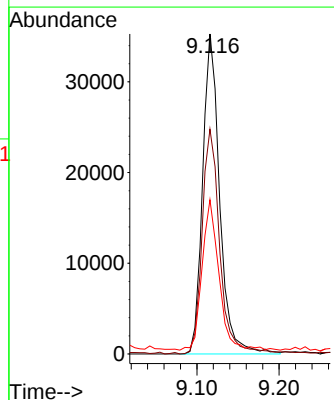
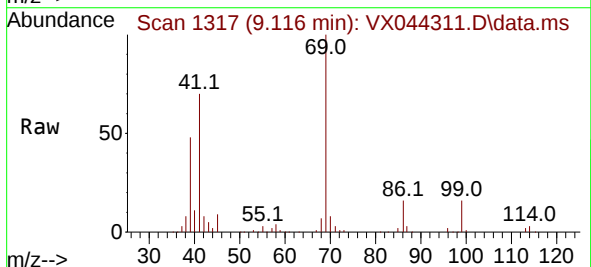
Ion	Ratio	Lower	Upper
97	100		
83	81.0	65.3	97.9
85	56.6	44.6	67.0
99	68.4	50.2	75.2

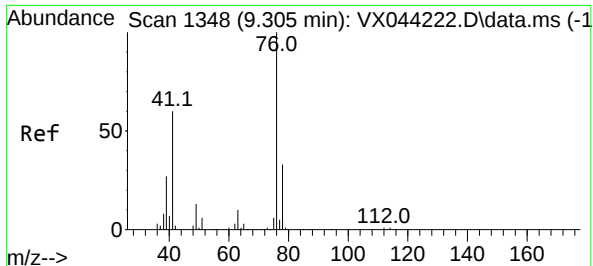


#56
Ethyl methacrylate
Concen: 19.627 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 69 Resp: 50862

Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.6	85.0
39	46.4	37.4	56.0





#57

1,3-Dichloropropane

Concen: 20.095 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

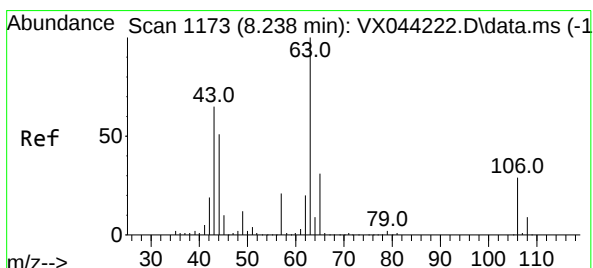
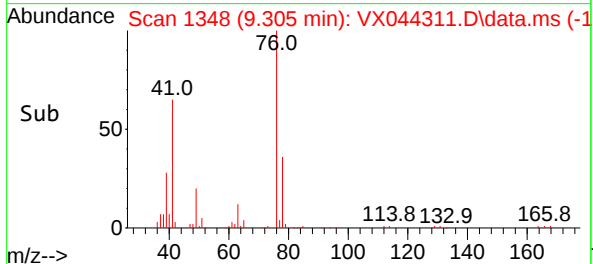
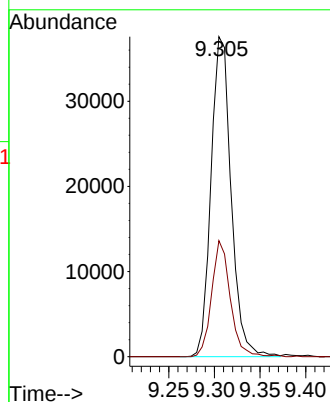
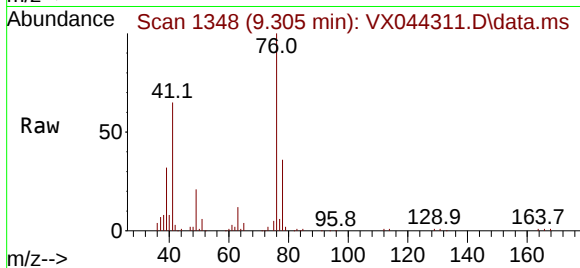
VX1216WBS01

Tgt Ion: 76 Resp: 57416

Ion Ratio Lower Upper

76 100

78 33.7 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 94.484 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044311.D

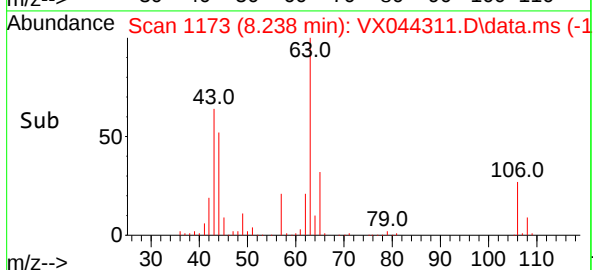
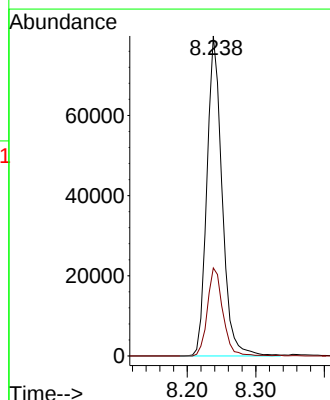
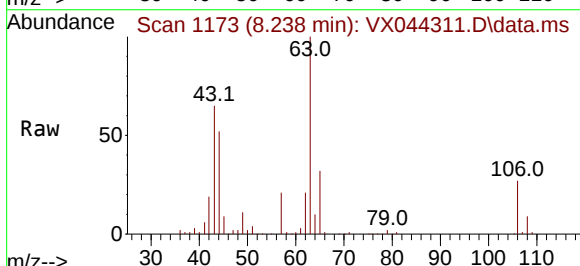
Acq: 16 Dec 2024 10:13

Tgt Ion: 63 Resp: 123493

Ion Ratio Lower Upper

63 100

106 27.8 22.8 34.2





#59

2-Hexanone

Concen: 98.177 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

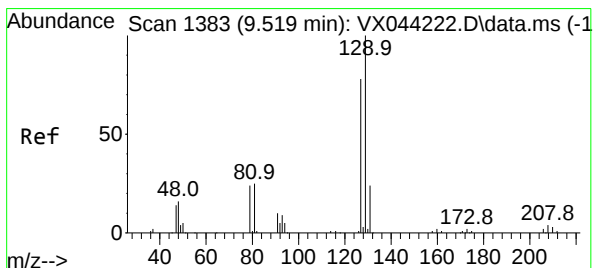
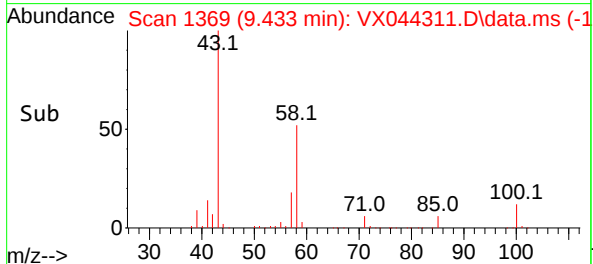
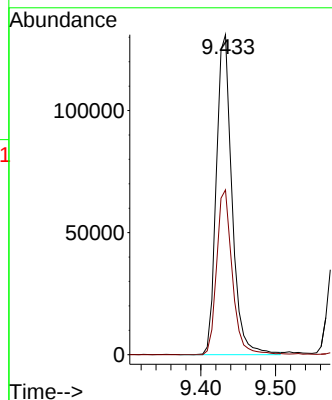
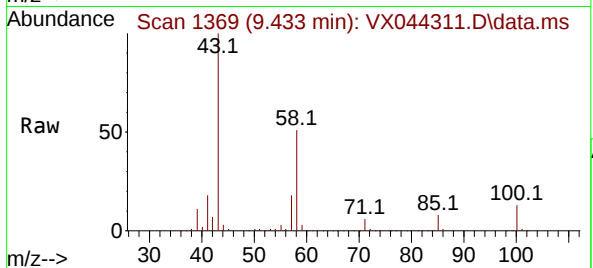
VX1216WBS01

Tgt Ion: 43 Resp: 191312

Ion Ratio Lower Upper

43 100

58 51.4 25.7 77.0



#60

Dibromochloromethane

Concen: 19.922 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044311.D

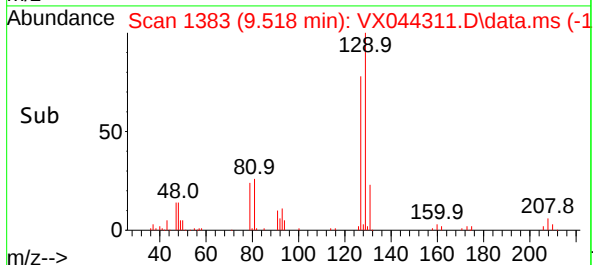
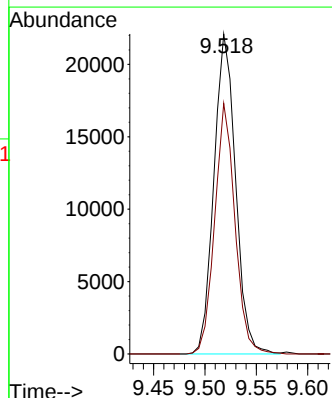
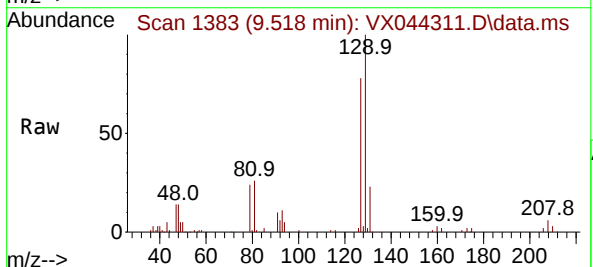
Acq: 16 Dec 2024 10:13

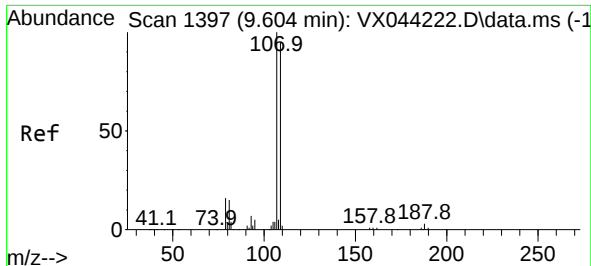
Tgt Ion: 129 Resp: 32408

Ion Ratio Lower Upper

129 100

127 73.4 38.5 115.3

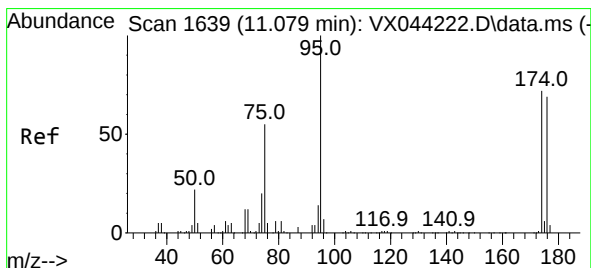
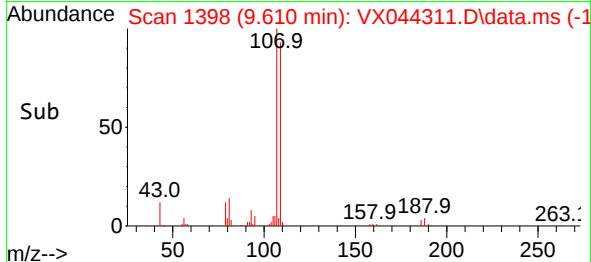
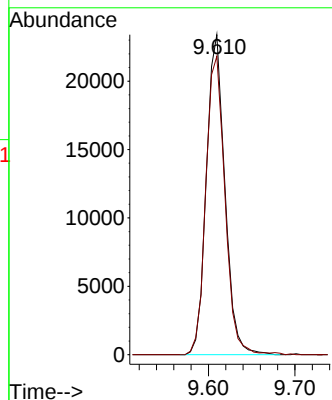
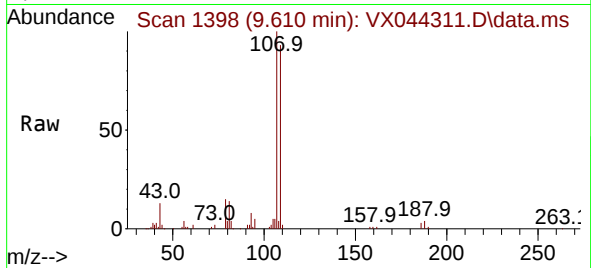




#61
1,2-Dibromoethane
Concen: 20.775 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

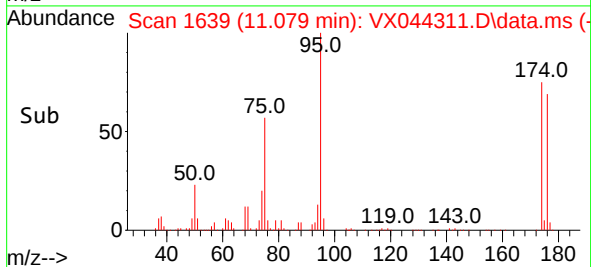
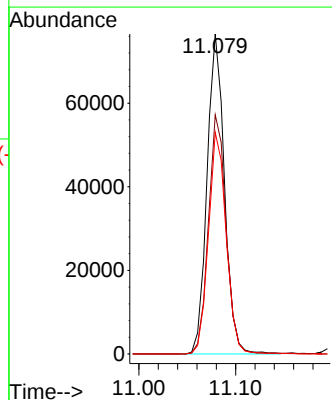
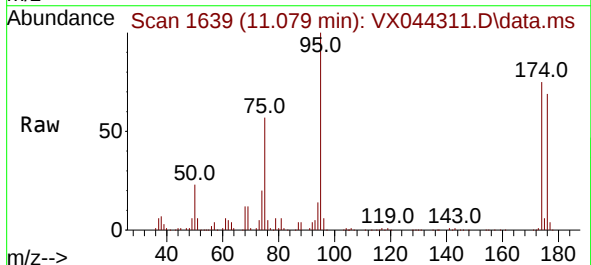
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

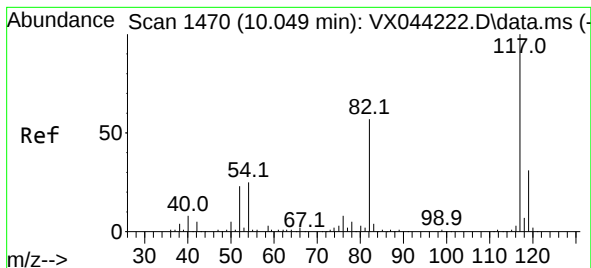
Tgt Ion:107 Resp: 34712
Ion Ratio Lower Upper
107 100
109 96.7 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 95 Resp: 96042
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.8
176 70.3 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

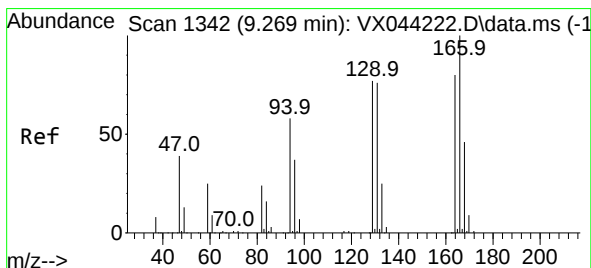
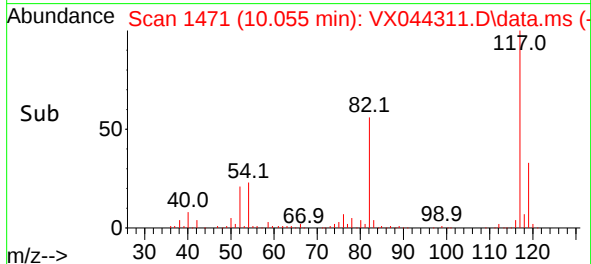
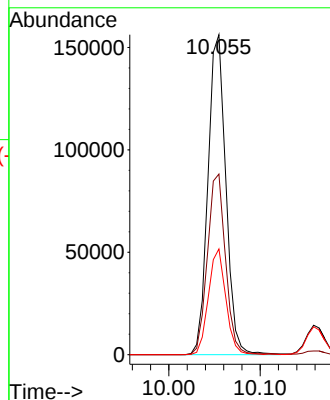
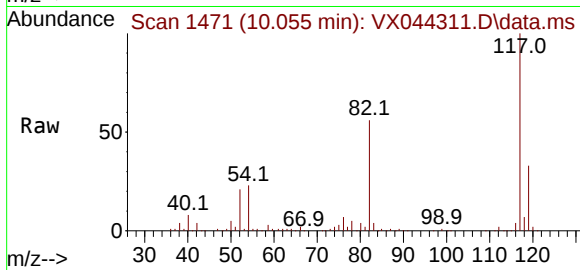
Tgt Ion:117 Resp: 212439

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.8

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 21.067 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Tgt Ion:164 Resp: 29704

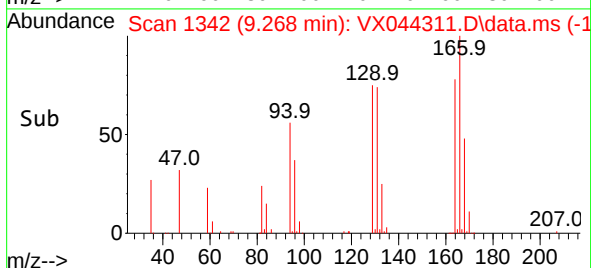
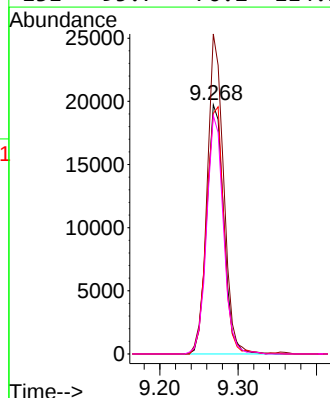
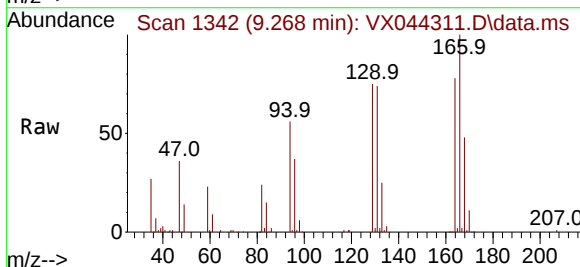
Ion Ratio Lower Upper

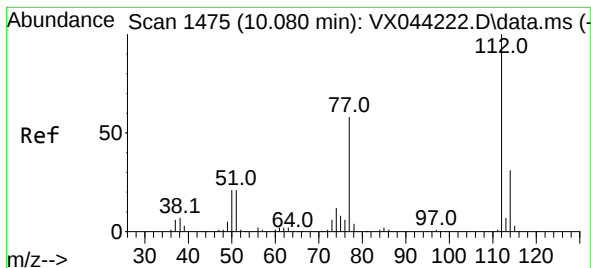
164 100

166 128.4 100.4 150.6

129 96.5 77.2 115.8

131 95.7 76.2 114.2

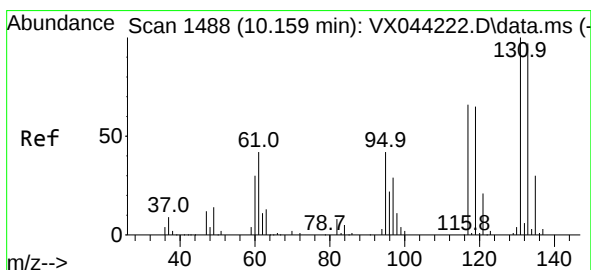
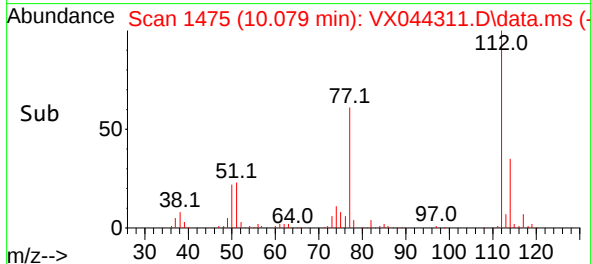
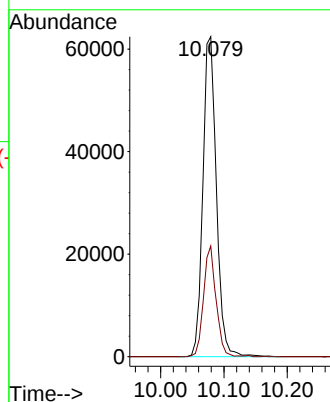
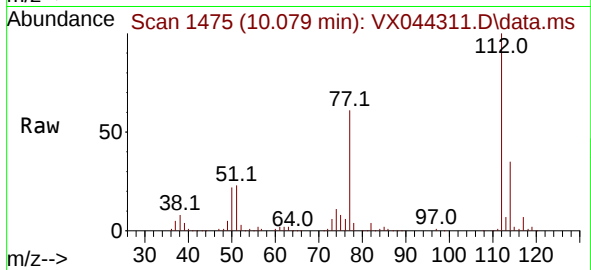




#65
Chlorobenzene
Concen: 20.403 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

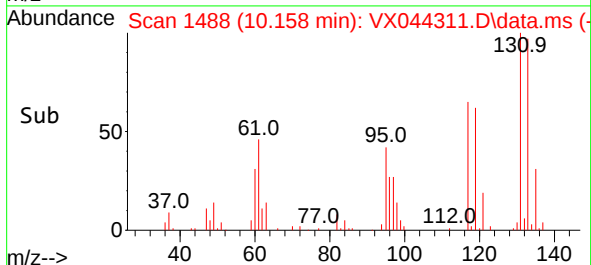
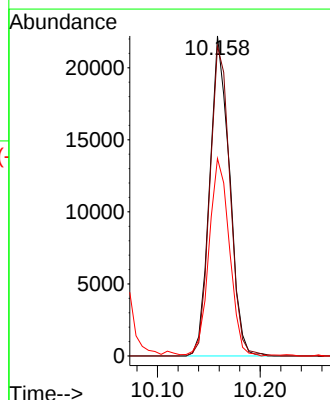
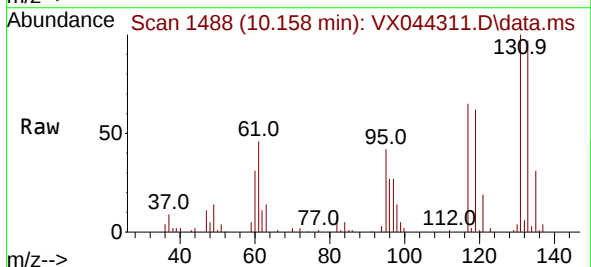
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

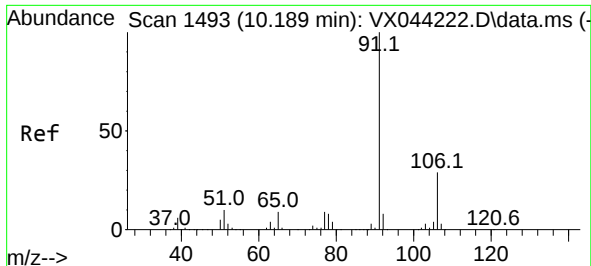
Tgt Ion:112 Resp: 92878
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.293 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:131 Resp: 29689
Ion Ratio Lower Upper
131 100
133 98.4 47.3 141.8
119 62.9 31.6 95.0





#67

Ethyl Benzene

Concen: 20.686 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

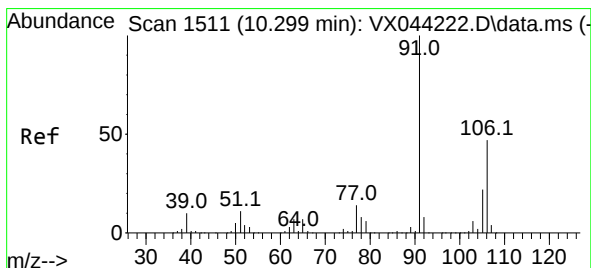
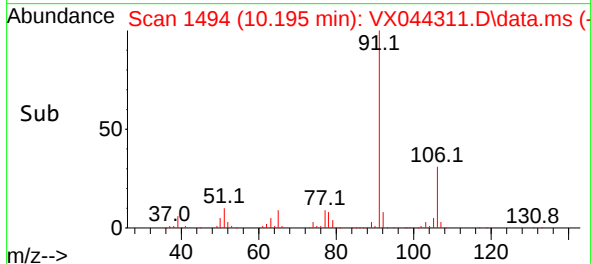
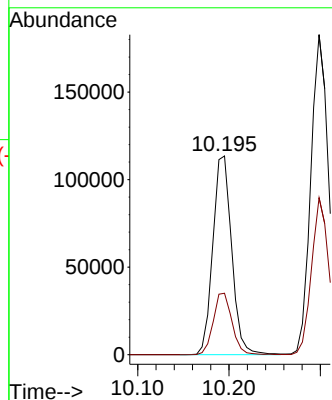
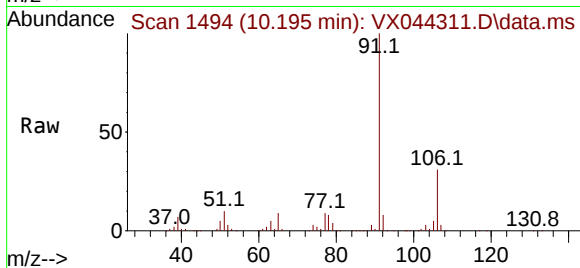
VX1216WBS01

Tgt Ion: 91 Resp: 162704

Ion Ratio Lower Upper

91 100

106 30.9 23.5 35.3



#68

m/p-Xylenes

Concen: 41.646 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044311.D

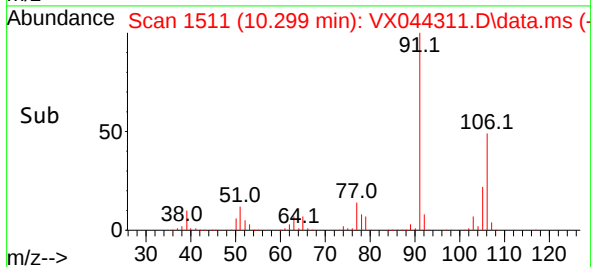
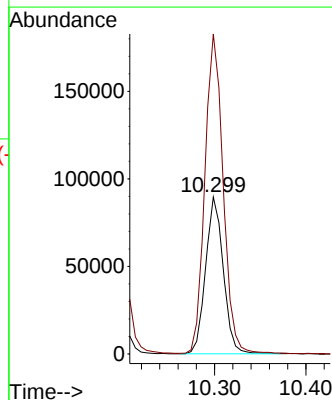
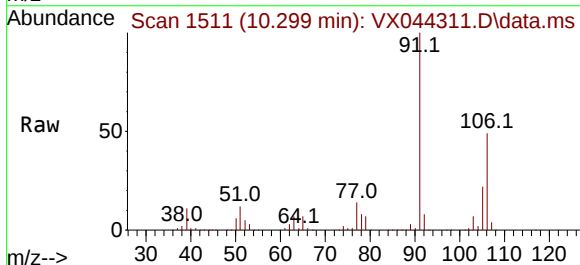
Acq: 16 Dec 2024 10:13

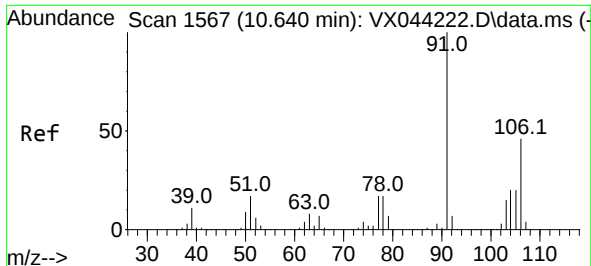
Tgt Ion:106 Resp: 120194

Ion Ratio Lower Upper

106 100

91 210.7 170.2 255.2

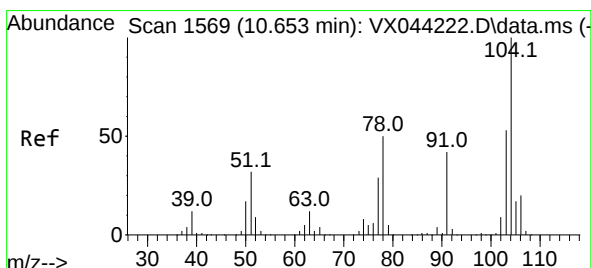
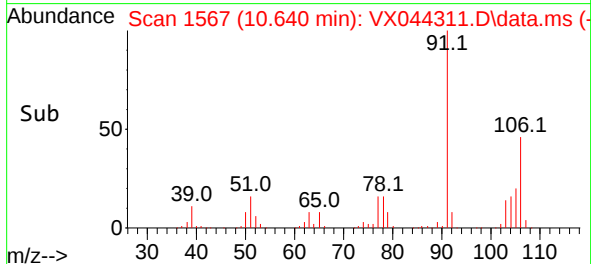
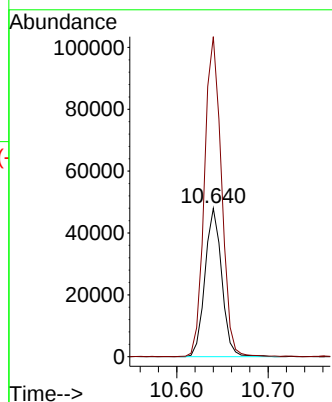
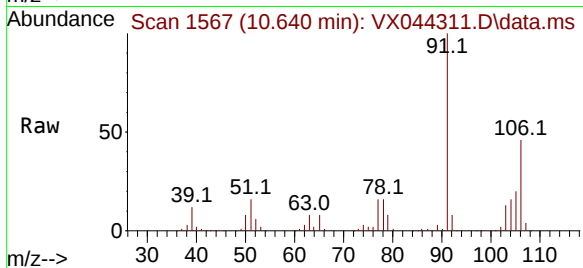




#69
o-Xylene
Concen: 20.859 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

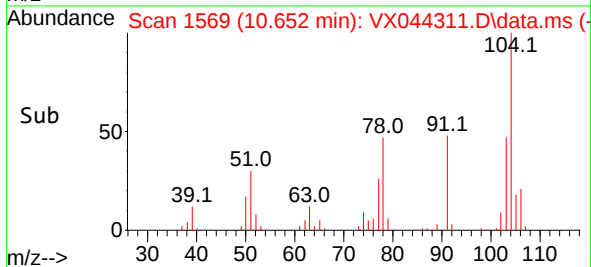
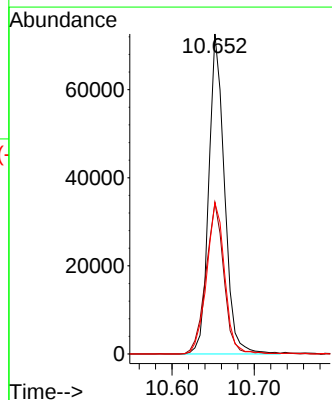
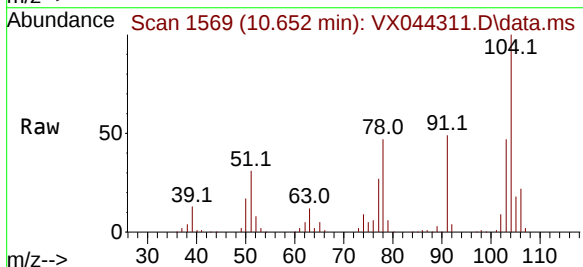
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

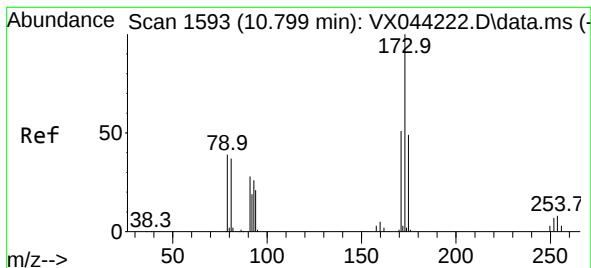
Tgt Ion:106 Resp: 60911
Ion Ratio Lower Upper
106 100
91 219.9 112.3 337.0



#70
Styrene
Concen: 20.655 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:104 Resp: 96693
Ion Ratio Lower Upper
104 100
78 54.0 44.6 67.0
103 54.2 45.4 68.0





#71

Bromoform

Concen: 19.082 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

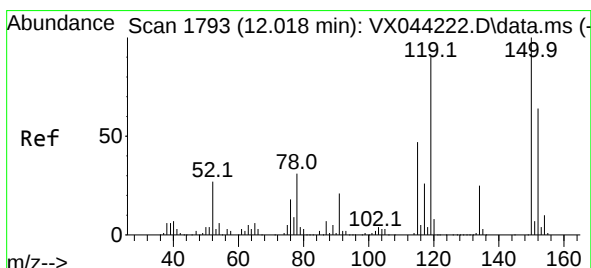
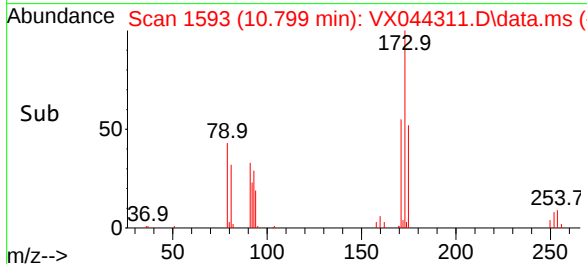
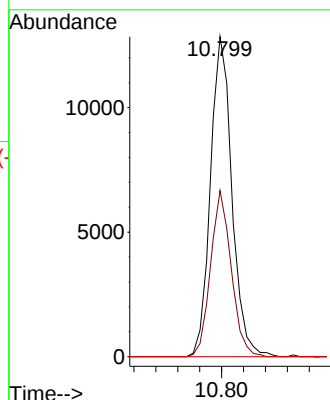
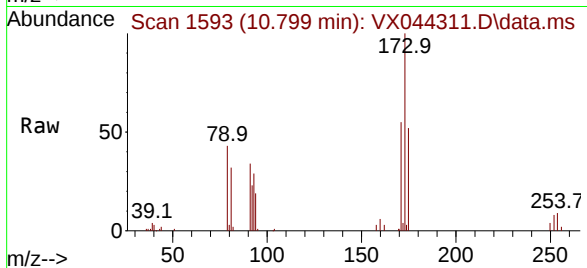
Tgt Ion:173 Resp: 17467

Ion Ratio Lower Upper

173 100

175 49.9 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

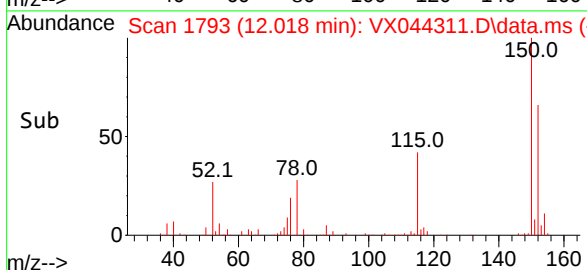
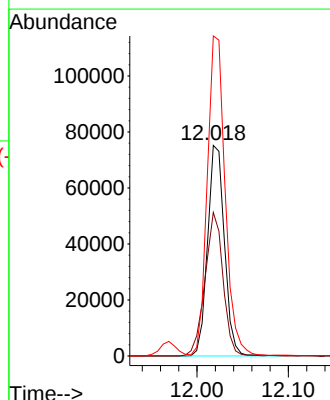
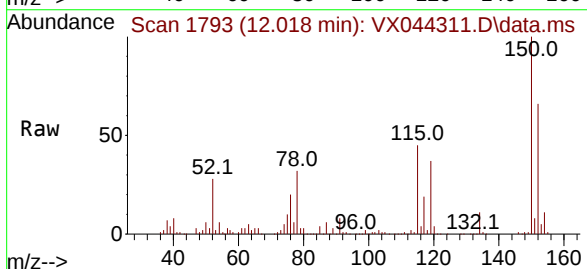
Tgt Ion:152 Resp: 96021

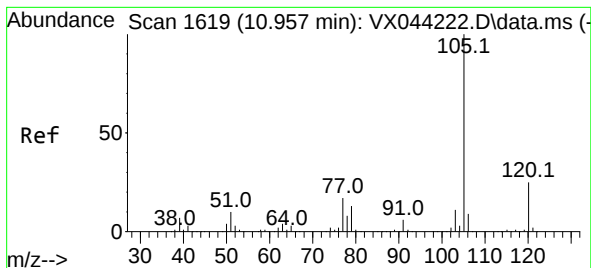
Ion Ratio Lower Upper

152 100

115 73.0 44.5 133.3

150 160.4 0.0 353.8





#73

Isopropylbenzene

Concen: 20.954 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

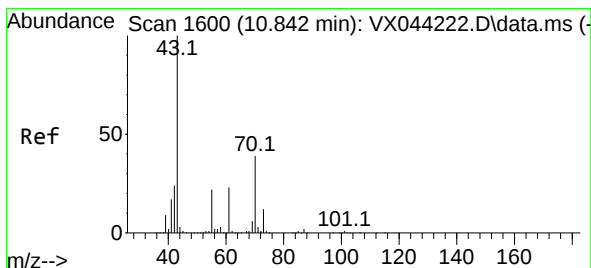
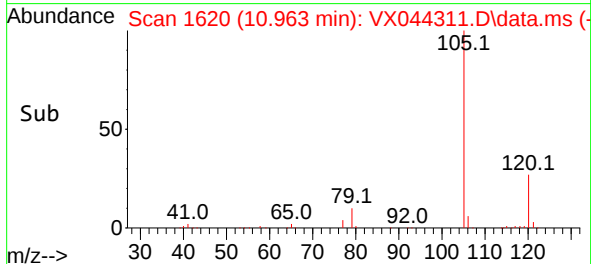
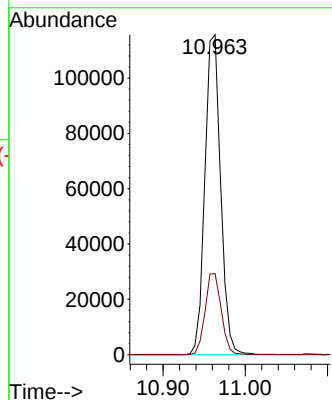
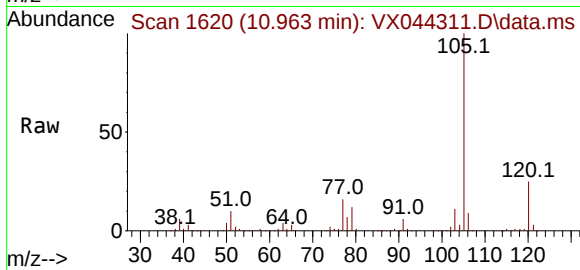
VX1216WBS01

Tgt Ion:105 Resp: 154027

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 19.779 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Tgt Ion: 43 Resp: 67193

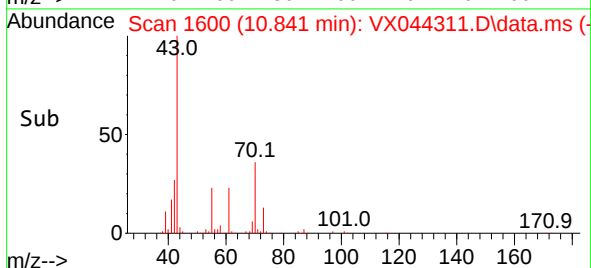
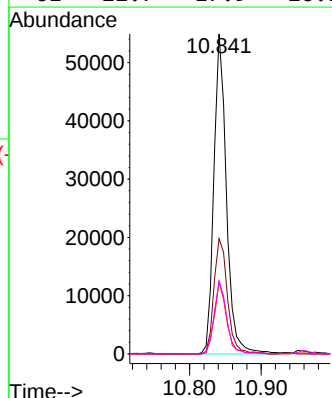
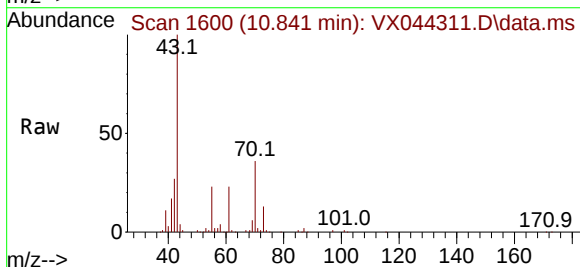
Ion Ratio Lower Upper

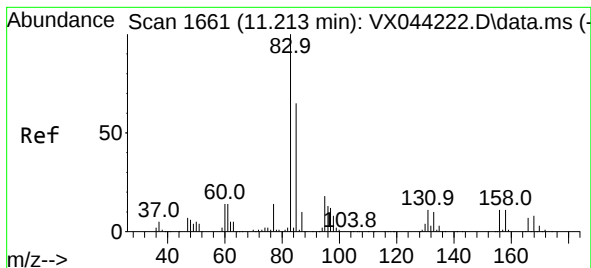
43 100

70 38.7 31.9 47.9

55 22.1 17.9 26.9

61 22.7 17.9 26.9

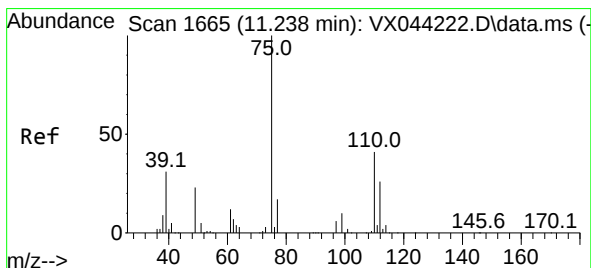
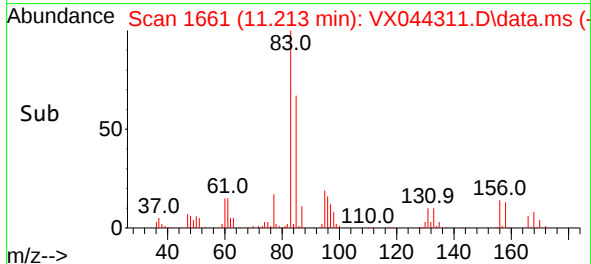
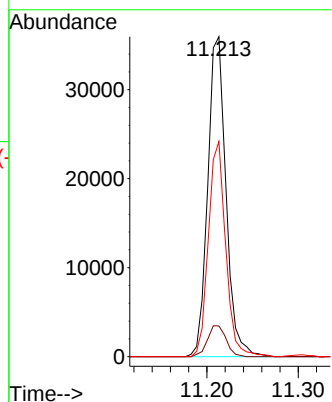
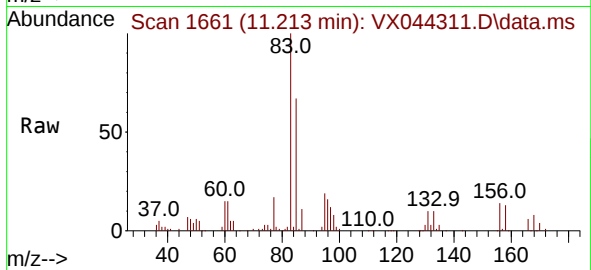




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.488 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX044311.D
 Acq: 16 Dec 2024 10:13

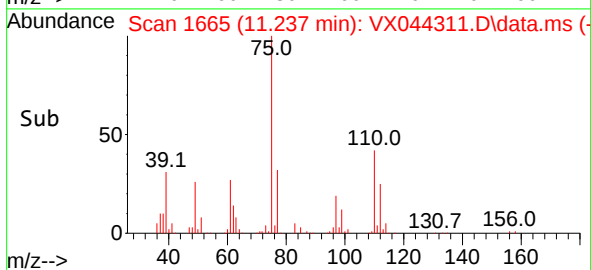
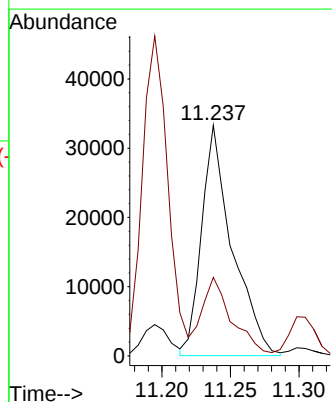
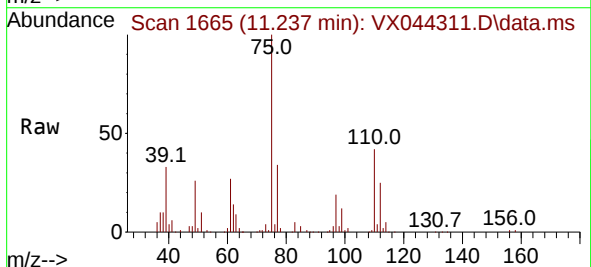
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

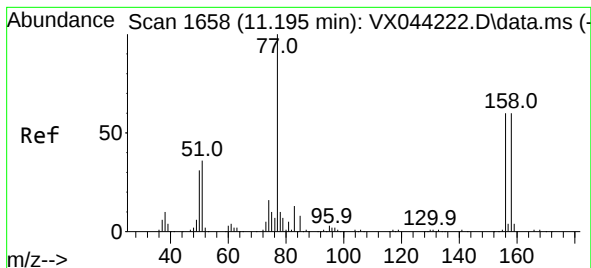
Tgt Ion: 83 Resp: 49757
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.4
 85 63.8 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 24.186 ug/l
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX044311.D
 Acq: 16 Dec 2024 10:13

Tgt Ion: 75 Resp: 51853
 Ion Ratio Lower Upper
 75 100
 77 33.7 20.9 62.7





#77

Bromobenzene

Concen: 20.677 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

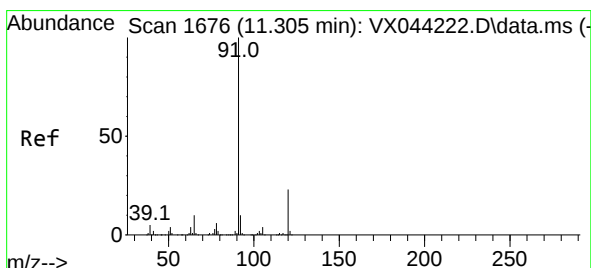
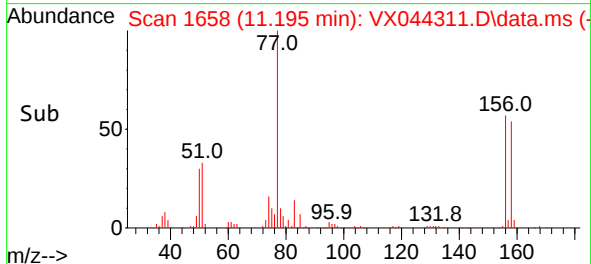
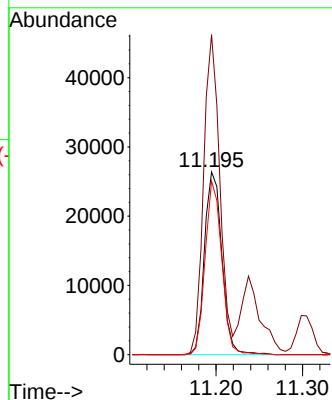
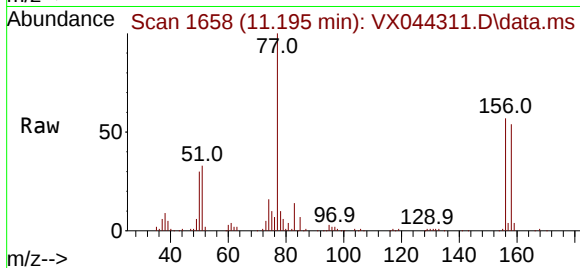
Tgt Ion:156 Resp: 36857

Ion Ratio Lower Upper

156 100

77 163.4 82.6 247.8

158 90.9 48.8 146.4



#78

n-propylbenzene

Concen: 21.110 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044311.D

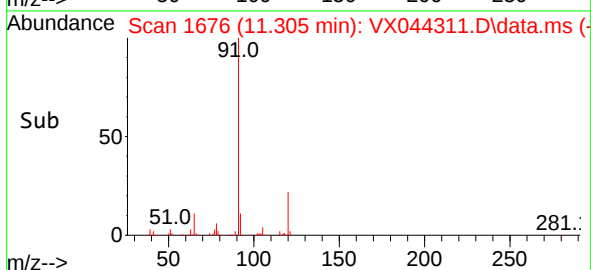
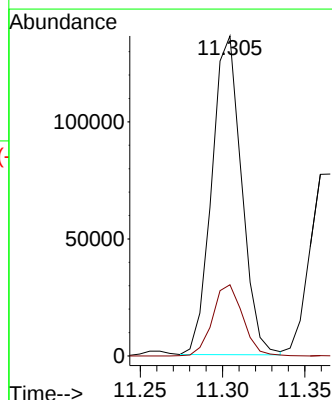
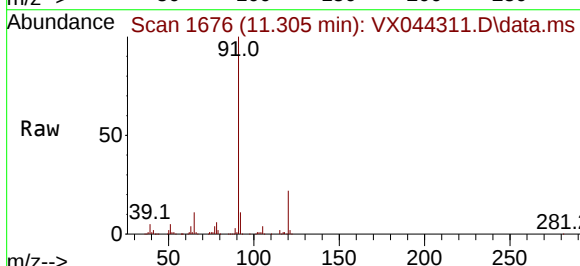
Acq: 16 Dec 2024 10:13

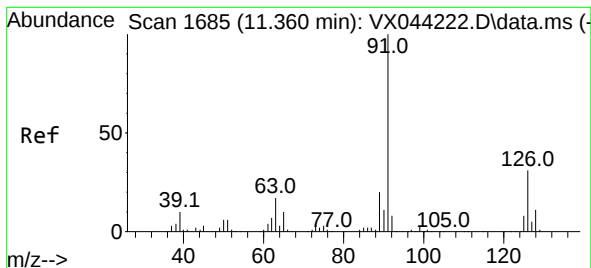
Tgt Ion: 91 Resp: 171507

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.245 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

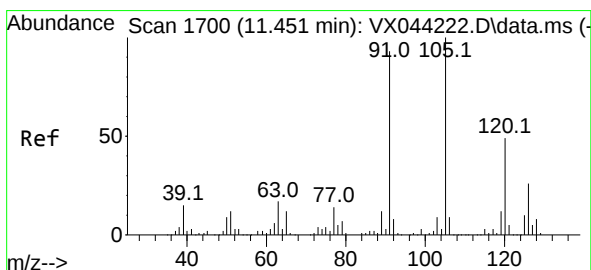
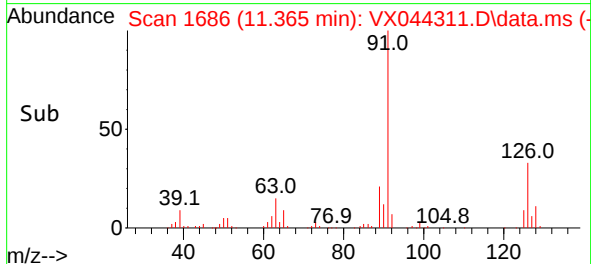
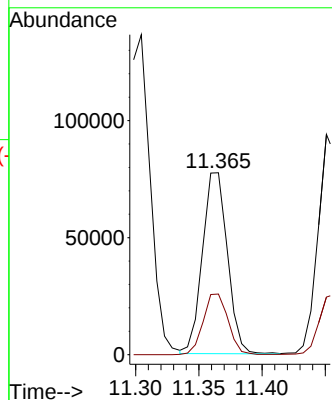
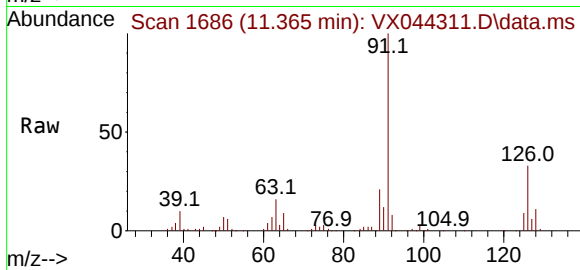
VX1216WBS01

Tgt Ion: 91 Resp: 106376

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.021 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044311.D

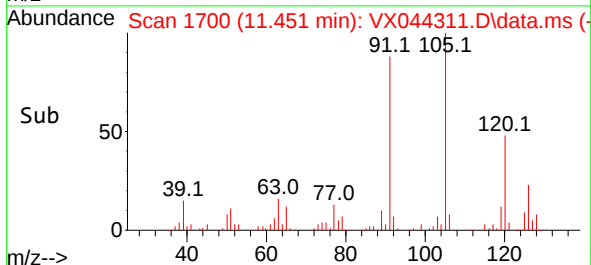
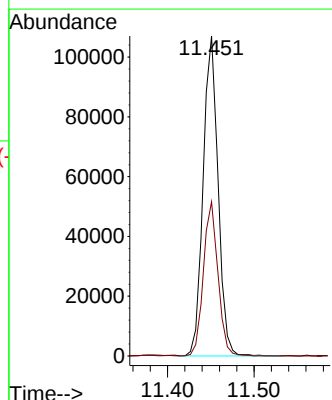
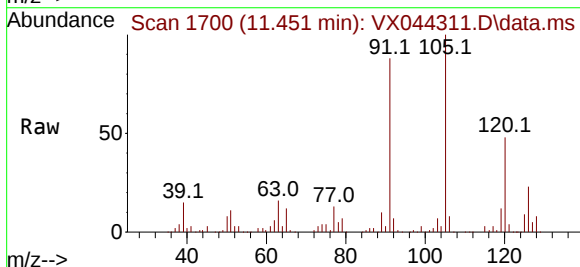
Acq: 16 Dec 2024 10:13

Tgt Ion:105 Resp: 128141

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.4

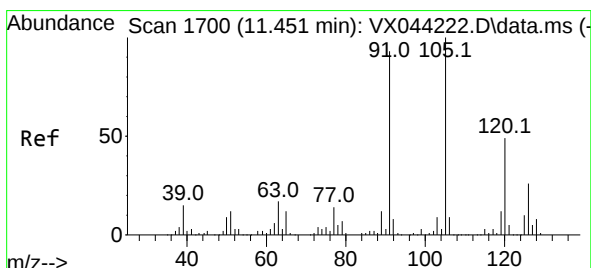
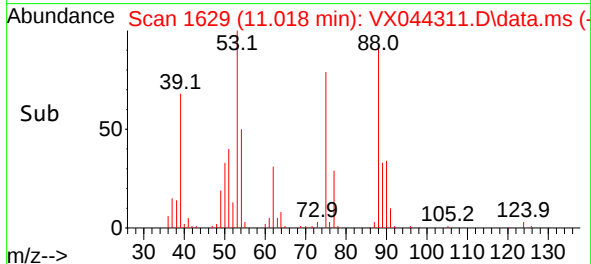
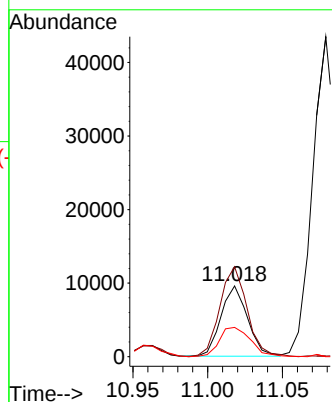
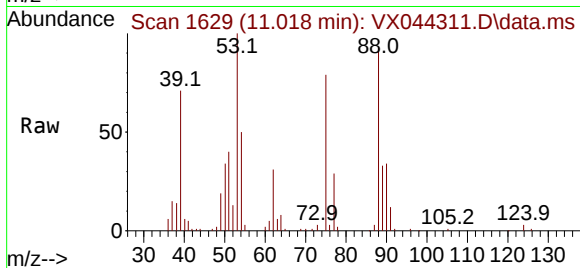




#81
trans-1,4-Dichloro-2-butene
Concen: 19.566 ug/l
RT: 11.018 min Scan# 11779
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

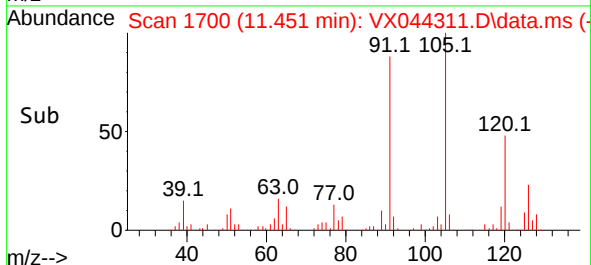
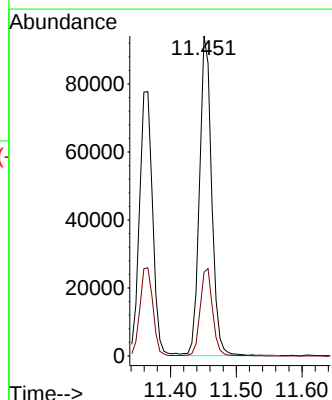
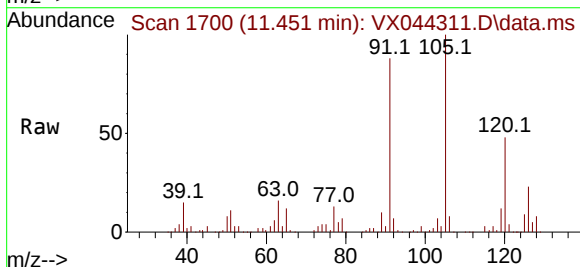
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion:	75	Resp:	11779
Ion	Ratio	Lower	Upper
75	100		
53	131.5	93.6	140.4
89	49.4	37.3	55.9



#82
4-Chlorotoluene
Concen: 20.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:	91	Resp:	120796
Ion	Ratio	Lower	Upper
91	100		
126	28.1	14.5	43.5





#83

tert-Butylbenzene

Concen: 21.003 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

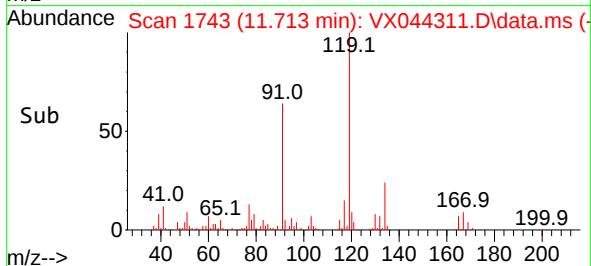
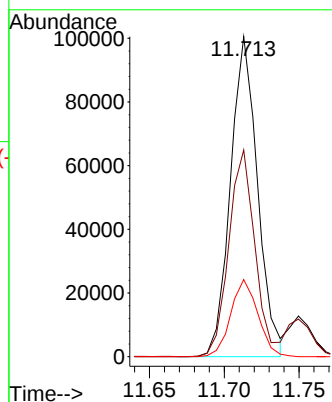
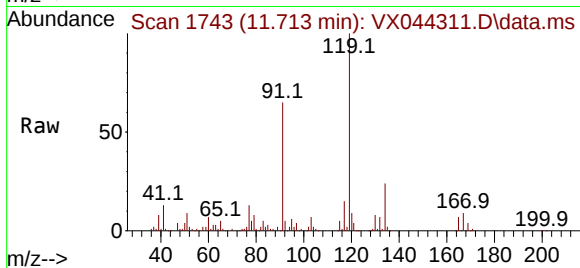
Tgt Ion:119 Resp: 126530

Ion Ratio Lower Upper

119 100

91 62.8 30.9 92.5

134 24.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.531 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044311.D

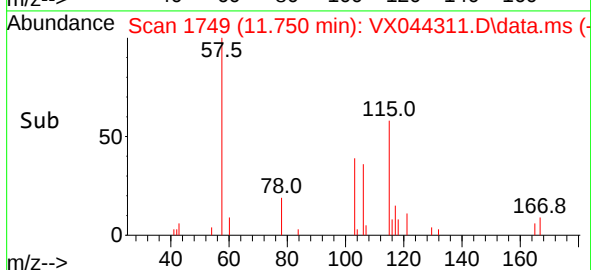
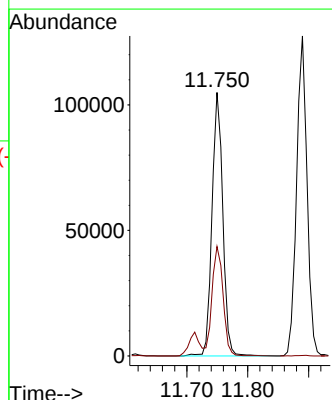
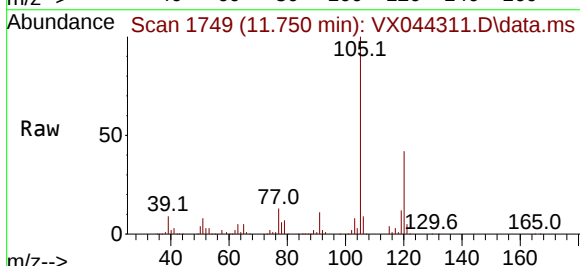
Acq: 16 Dec 2024 10:13

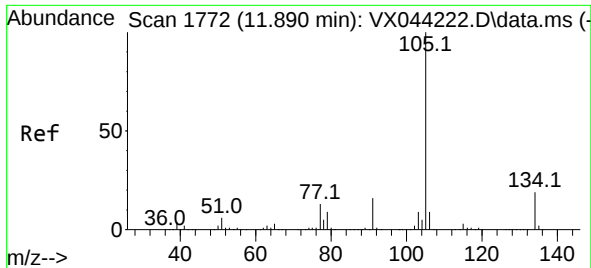
Tgt Ion:105 Resp: 128899

Ion Ratio Lower Upper

105 100

120 42.5 21.7 65.1

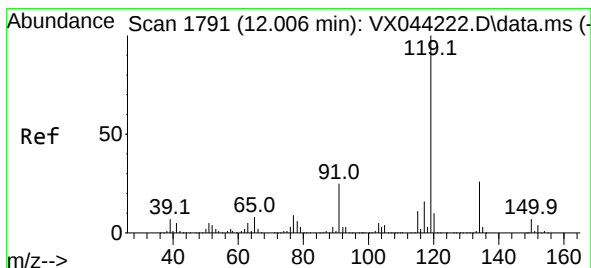
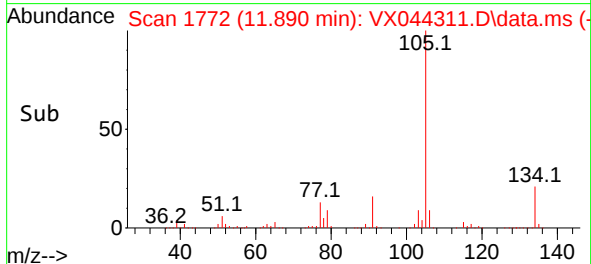
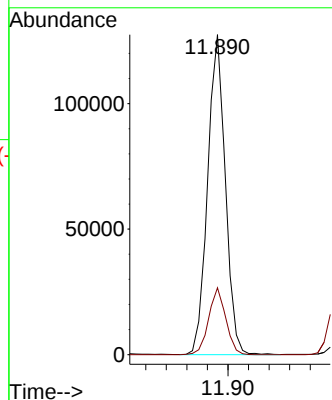
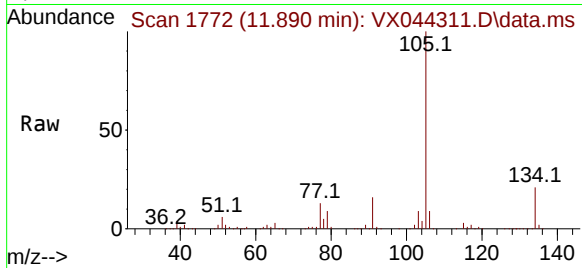




#85
sec-Butylbenzene
Concen: 20.851 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

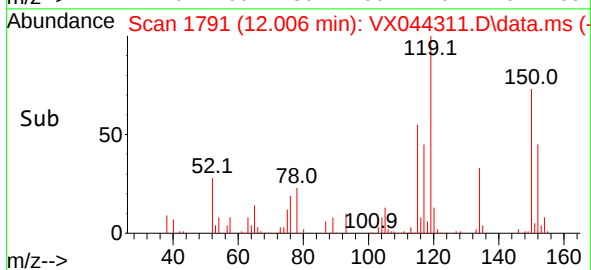
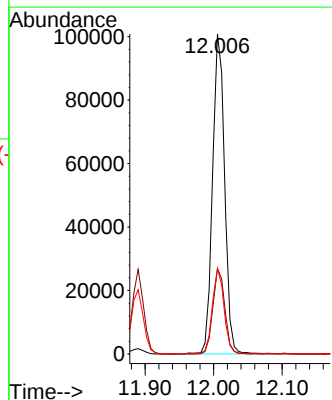
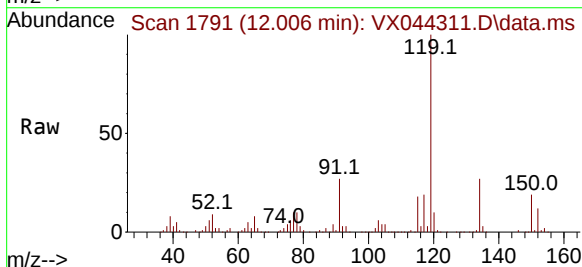
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

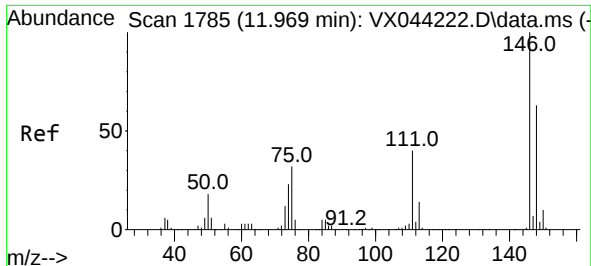
Tgt Ion:105 Resp: 152498
Ion Ratio Lower Upper
105 100
134 20.2 9.8 29.4



#86
p-Isopropyltoluene
Concen: 20.318 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:119 Resp: 123679
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.4
91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 21.071 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

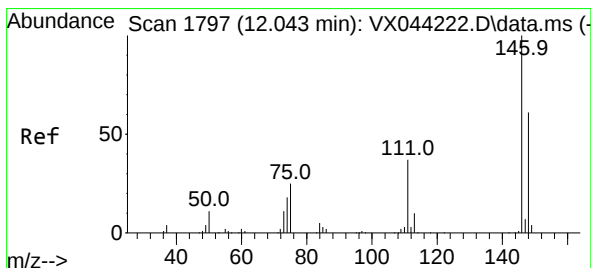
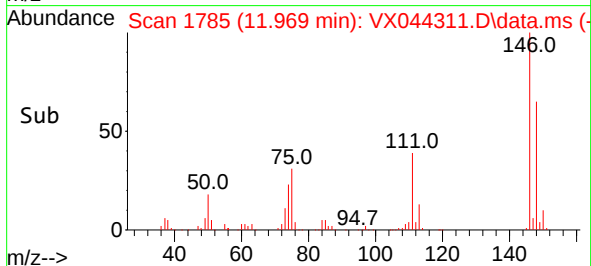
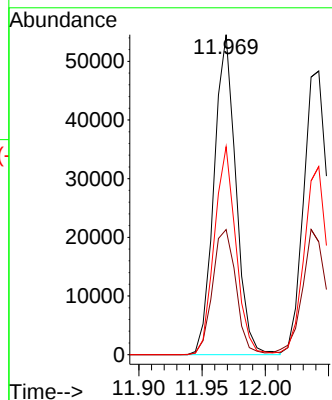
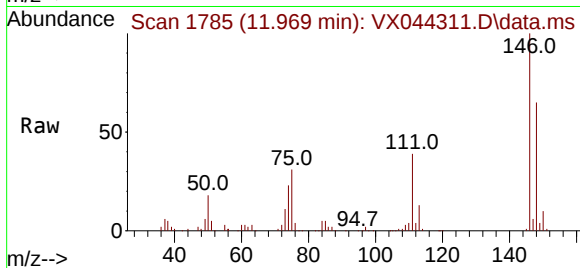
Tgt Ion:146 Resp: 65609

Ion Ratio Lower Upper

146 100

111 41.9 21.4 64.2

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.271 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

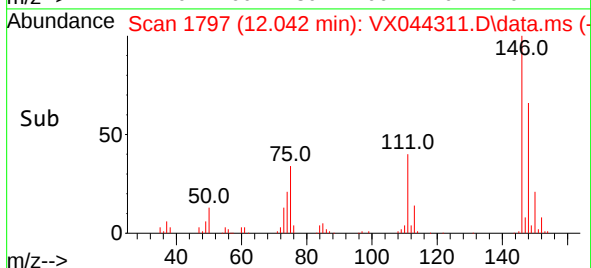
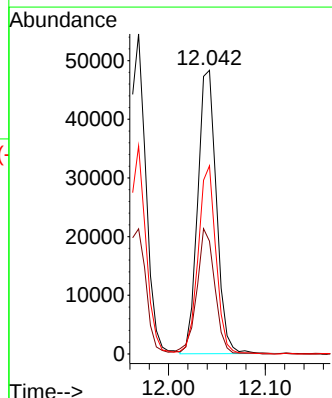
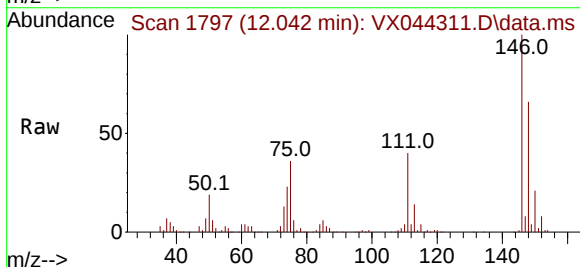
Tgt Ion:146 Resp: 64883

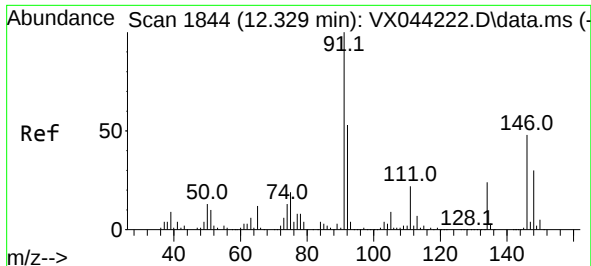
Ion Ratio Lower Upper

146 100

111 43.1 21.0 63.0

148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 21.102 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

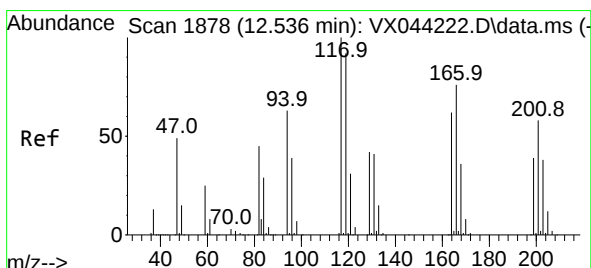
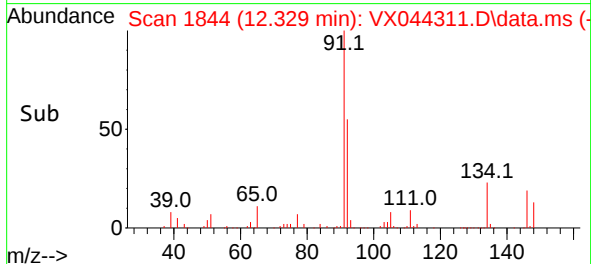
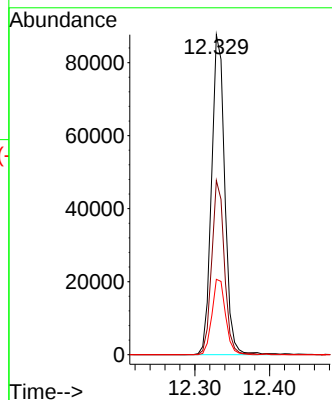
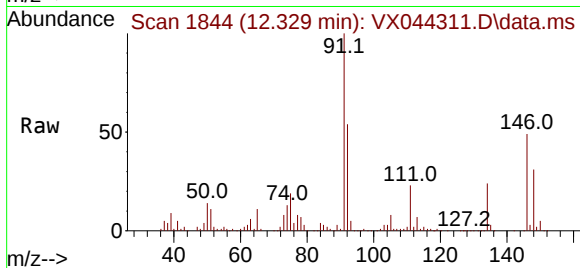
Tgt Ion: 91 Resp: 108013

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 24.2 12.6 37.8



#90

Hexachloroethane

Concen: 20.686 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044311.D

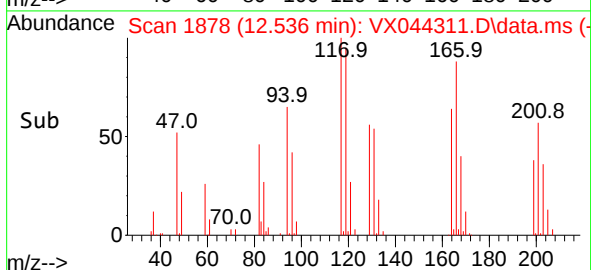
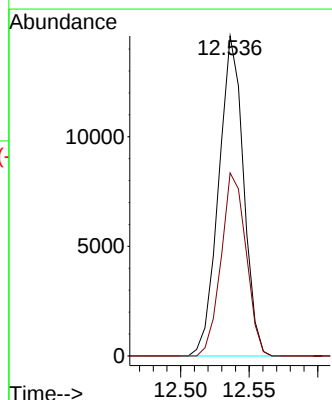
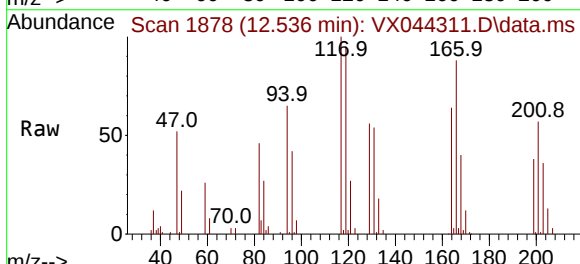
Acq: 16 Dec 2024 10:13

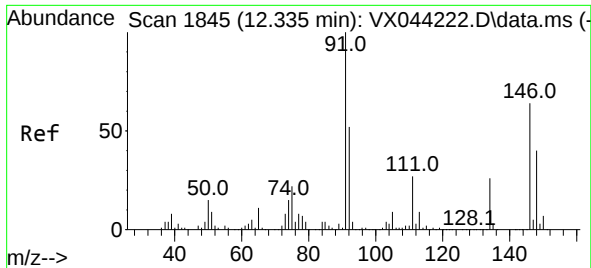
Tgt Ion: 117 Resp: 18381

Ion Ratio Lower Upper

117 100

201 57.4 31.4 94.2

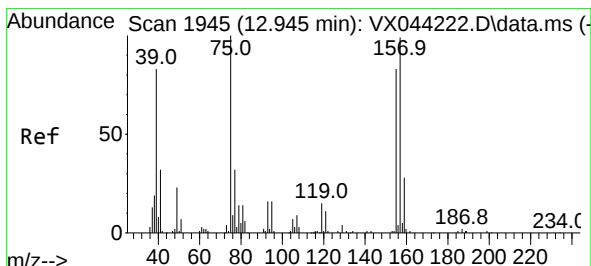
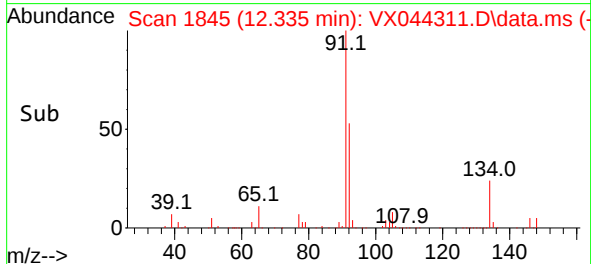
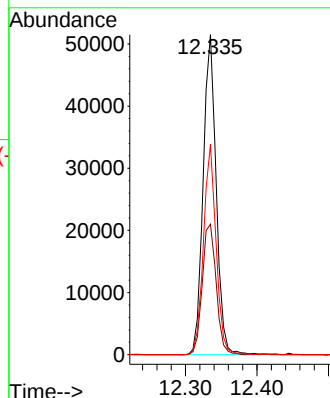
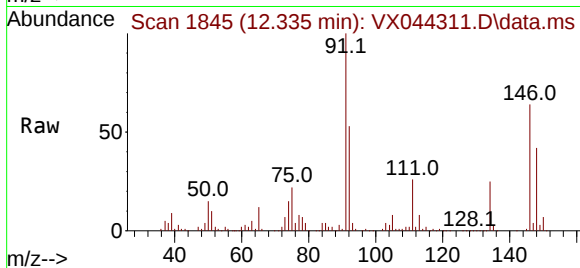




#91
1,2-Dichlorobenzene
Concen: 20.164 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

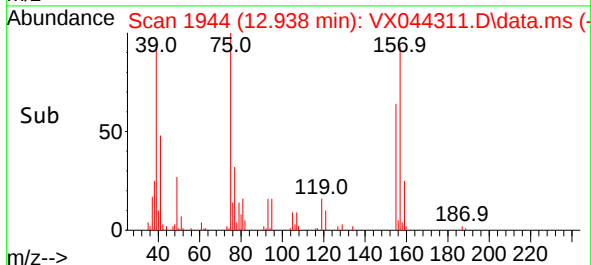
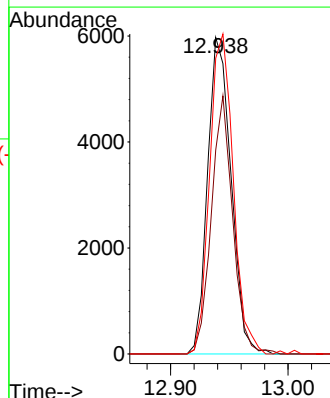
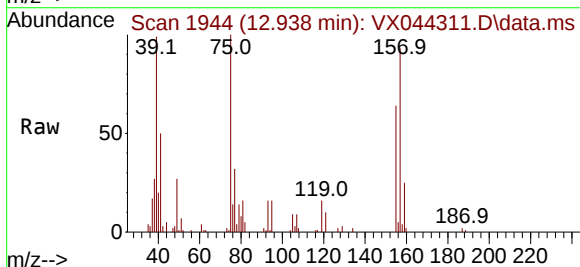
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

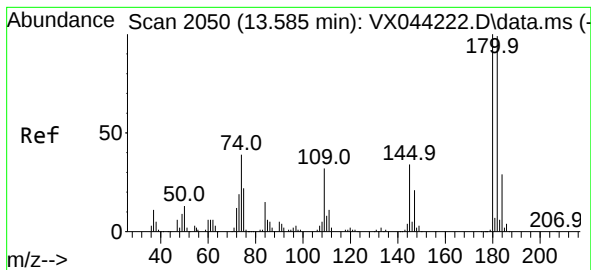
Tgt Ion:146 Resp: 65192
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.750 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion: 75 Resp: 8302
Ion Ratio Lower Upper
75 100
155 74.4 38.1 114.3
157 101.7 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 20.268 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS01

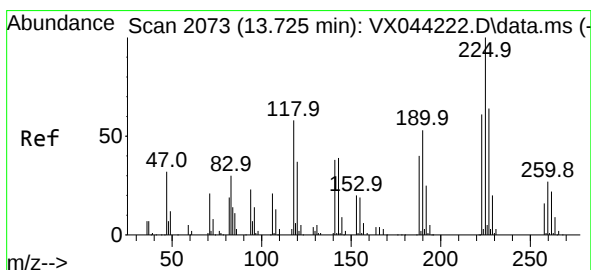
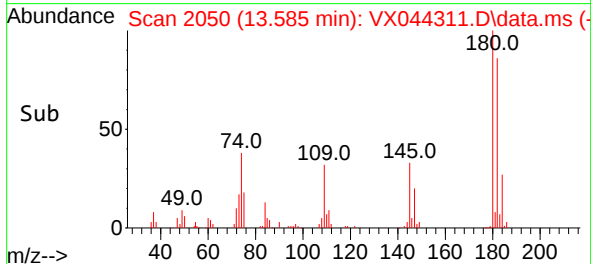
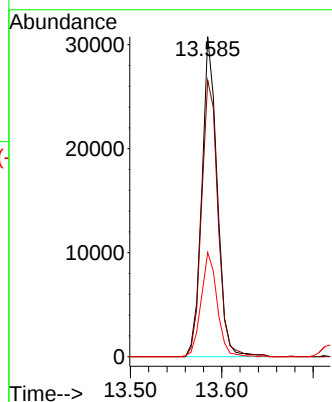
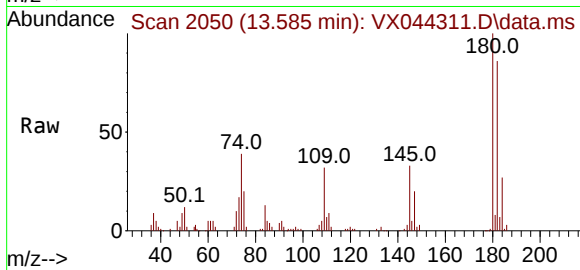
Tgt Ion:180 Resp: 35925

Ion Ratio Lower Upper

180 100

182 91.7 48.0 144.2

145 34.0 16.6 49.7



#94

Hexachlorobutadiene

Concen: 19.771 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044311.D

Acq: 16 Dec 2024 10:13

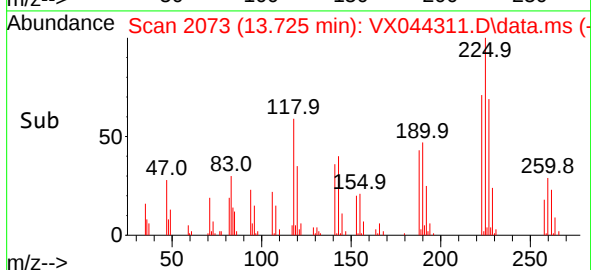
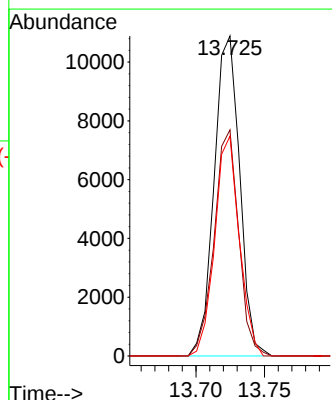
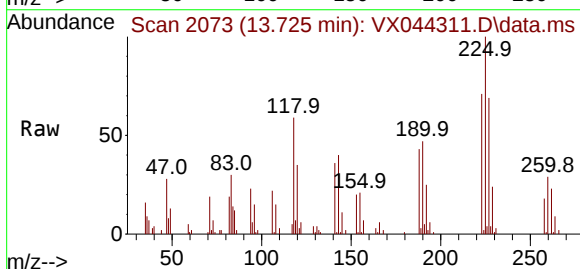
Tgt Ion:225 Resp: 14096

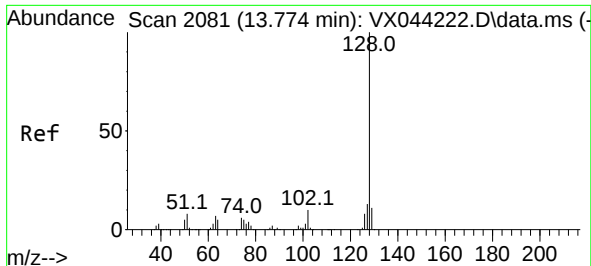
Ion Ratio Lower Upper

225 100

223 67.9 30.8 92.4

227 65.9 32.1 96.3

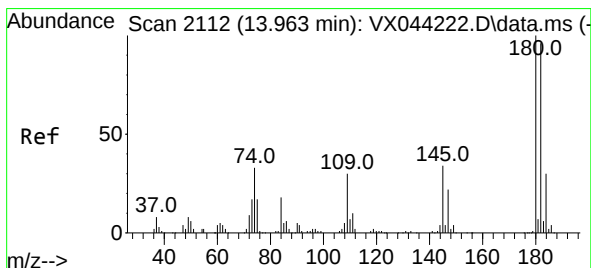
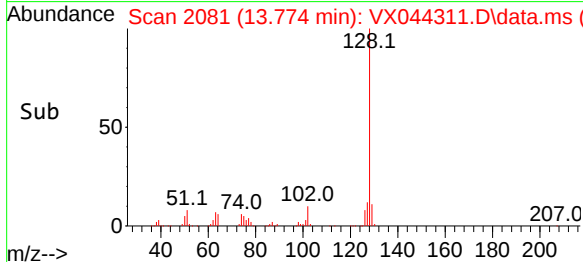
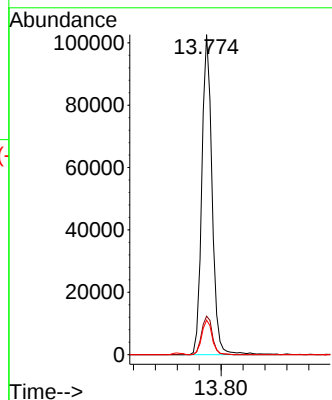
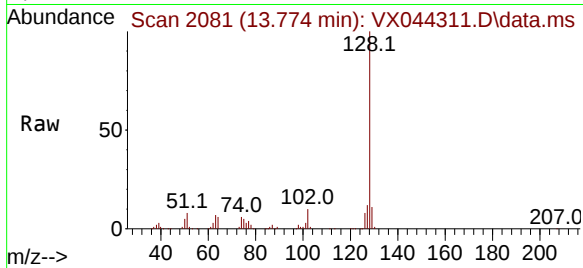




#95
Naphthalene
Concen: 19.227 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS01

Tgt Ion:128 Resp: 133025
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 11.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 19.882 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VX044311.D
Acq: 16 Dec 2024 10:13

Tgt Ion:180 Resp: 37378
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.0
145 35.5 17.7 53.1

