

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044222.D
 Acq On : 11 Dec 2024 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 12 04:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95227	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	115815	52.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.080%	
35) Dibromofluoromethane	5.385	113	85656	52.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	8.647	98	292199	53.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	11.079	95	103178	54.123	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	99052	50.957	ug/l	100
3) Chloromethane	1.295	50	94981	51.097	ug/l	100
4) Vinyl Chloride	1.374	62	98852	51.045	ug/l	100
5) Bromomethane	1.593	94	69250	50.405	ug/l	100
6) Chloroethane	1.666	64	66862	55.448	ug/l	100
7) Trichlorofluoromethane	1.868	101	193676	51.086	ug/l	100
8) Diethyl Ether	2.136	74	64542	49.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	77275	50.371	ug/l	100
10) Methyl Iodide	2.441	142	106509	52.678	ug/l	100
11) Tert butyl alcohol	2.995	59	80988	261.121	ug/l	98
12) 1,1-Dichloroethene	2.307	96	74884	53.143	ug/l	100
13) Acrolein	2.239	56	116171	258.347	ug/l	100
14) Allyl chloride	2.654	41	126925	54.079	ug/l	100
15) Acrylonitrile	3.069	53	225330	261.859	ug/l	100
16) Acetone	2.392	43	239661	266.704	ug/l	100
17) Carbon Disulfide	2.502	76	144624	53.994	ug/l	100
18) Methyl Acetate	2.709	43	119808	51.710	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	289735	52.691	ug/l	100
20) Methylene Chloride	2.782	84	86593	51.305	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	77834	51.974	ug/l	100
22) Diisopropyl ether	3.764	45	273039	51.662	ug/l	100
23) Vinyl Acetate	3.721	43	1202044	279.754	ug/l	100
24) 1,1-Dichloroethane	3.605	63	156412	53.093	ug/l	100
25) 2-Butanone	4.562	43	344663	269.797	ug/l	100
26) 2,2-Dichloropropane	4.465	77	131428	54.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	97013	51.007	ug/l	100
28) Bromochloromethane	4.898	49	74477	51.555	ug/l	100
29) Tetrahydrofuran	5.007	42	212103	258.669	ug/l	100
30) Chloroform	5.087	83	168864	51.017	ug/l	100
31) Cyclohexane	5.465	56	122841	51.637	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	147834	53.806	ug/l	100
36) 1,1-Dichloropropene	5.690	75	103760	49.638	ug/l	100
37) Ethyl Acetate	4.721	43	135753	52.537	ug/l	100
38) Carbon Tetrachloride	5.672	117	117076	52.023	ug/l	100
39) Methylcyclohexane	7.373	83	129697	51.901	ug/l	100
40) Benzene	6.031	78	329154	51.863	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70427	51.329	ug/l	100
42) 1,2-Dichloroethane	6.086	62	136309	52.138	ug/l	100
43) Isopropyl Acetate	6.342	43	213891	52.961	ug/l	100
44) Trichloroethene	7.123	130	81542	51.521	ug/l	100
45) 1,2-Dichloropropane	7.428	63	83376	51.420	ug/l	100
46) Dibromomethane	7.580	93	66786	53.092	ug/l	100
47) Bromodichloromethane	7.824	83	118634	54.607	ug/l	100
48) Methyl methacrylate	7.696	41	103726	52.909	ug/l	100
49) 1,4-Dioxane	7.671	88	28266	843.658	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	688666	265.203	ug/l	100
52) Toluene	8.714	92	204738	51.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	120007	51.362	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132286	55.923	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	83488	52.729	ug/l	100
56) Ethyl methacrylate	9.116	69	134770	53.917	ug/l	100
57) 1,3-Dichloropropane	9.305	76	143044	51.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	342592	271.745	ug/l	100
59) 2-Hexanone	9.433	43	512906	272.881	ug/l	100
60) Dibromochloromethane	9.519	129	86352	51.400	ug/l	100
61) 1,2-Dibromoethane	9.604	107	86150	53.454	ug/l	100
64) Tetrachloroethene	9.269	164	65888	48.379	ug/l	100
65) Chlorobenzene	10.080	112	223269	50.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	76867	54.396	ug/l	100
67) Ethyl Benzene	10.189	91	395430	52.050	ug/l	100
68) m/p-Xylenes	10.299	106	290181	104.094	ug/l	100
69) o-Xylene	10.640	106	144247	51.141	ug/l	100
70) Styrene	10.653	104	238379	52.719	ug/l	100
71) Bromoform	10.799	173	50667	51.158	ug/l #	100
73) Isopropylbenzene	10.957	105	372519	51.100	ug/l	100
74) N-amyl acetate	10.842	43	182491	54.166	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	127193	50.233	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	139805	64.698	ug/l	85
77) Bromobenzene	11.195	156	89687	50.734	ug/l	100
78) n-propylbenzene	11.305	91	428741	53.211	ug/l	100
79) 2-Chlorotoluene	11.360	91	263849	50.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	314986	52.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35119	47.628	ug/l	100
82) 4-Chlorotoluene	11.451	91	296520	51.387	ug/l	100
83) tert-Butylbenzene	11.713	119	310320	51.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	313338	52.776	ug/l	100
85) sec-Butylbenzene	11.890	105	379552	52.329	ug/l	100
86) p-Isopropyltoluene	12.006	119	318721	52.796	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160223	51.887	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	159258	50.171	ug/l	100
89) n-Butylbenzene	12.329	91	270840	53.354	ug/l	100
90) Hexachloroethane	12.536	117	48303	54.813	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164342	51.256	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26027	52.951	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	93173	53.005	ug/l	100
94) Hexachlorobutadiene	13.725	225	35172	49.744	ug/l	100
95) Naphthalene	13.774	128	365234	53.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97000	52.027	ug/l	100

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ClientSampleId :
VSTDICCC050

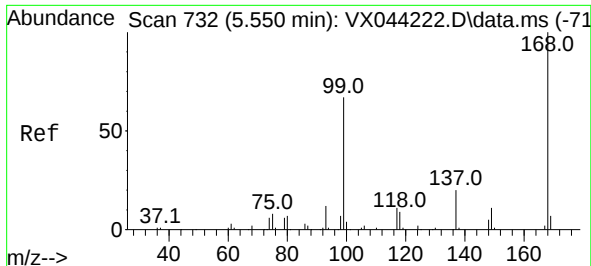
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Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 12 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:11:59 2024
Response via : Initial Calibration

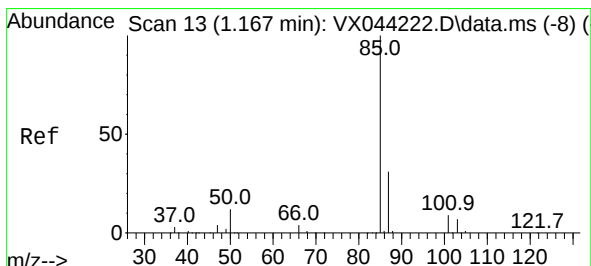
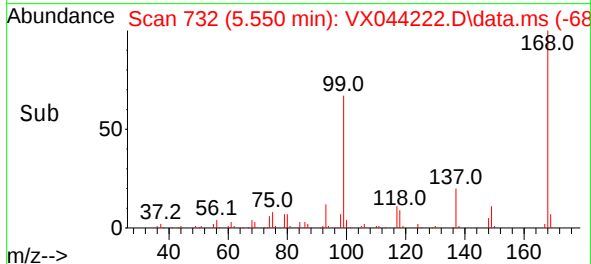
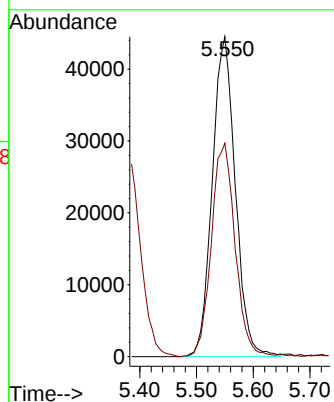
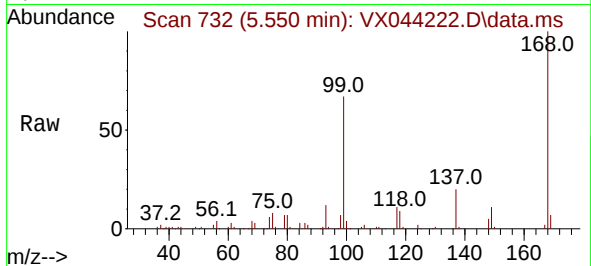




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044222.D
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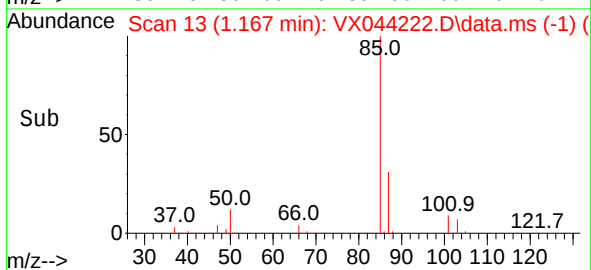
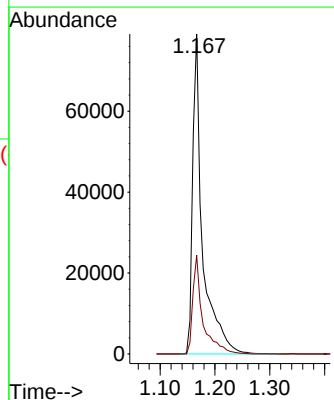
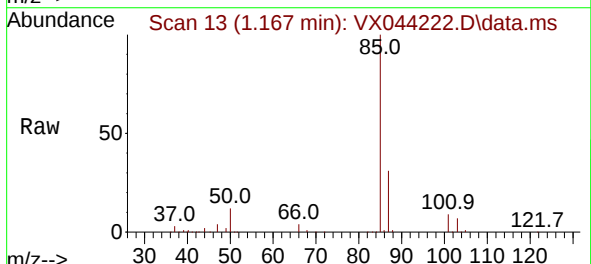
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

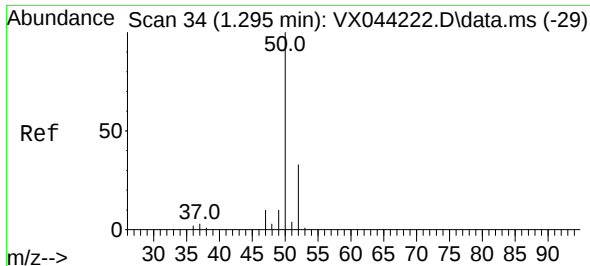
Tgt Ion:168 Resp: 125713
Ion Ratio Lower Upper
168 100
99 66.7 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 50.957 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 85 Resp: 99052
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4

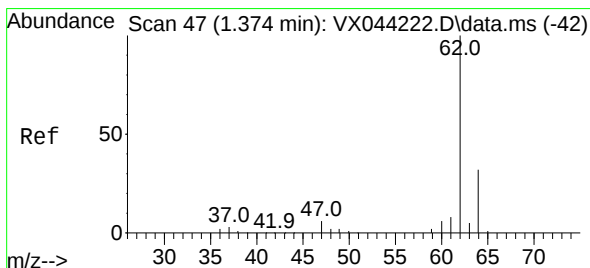
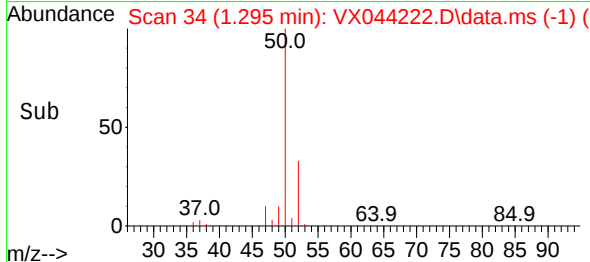
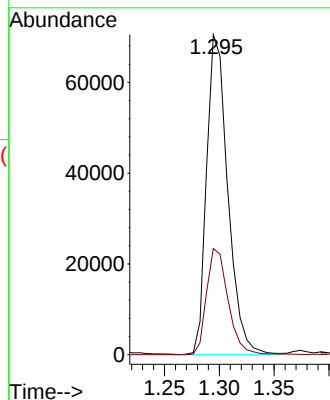
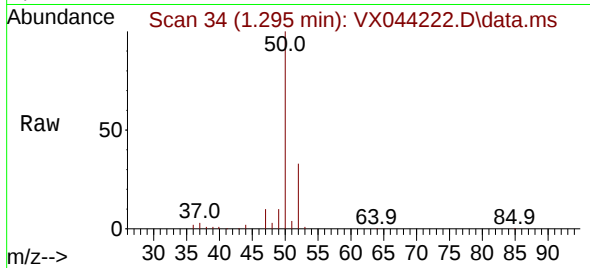




#3
Chloromethane
Concen: 51.097 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

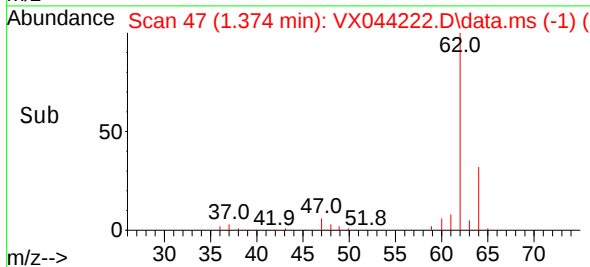
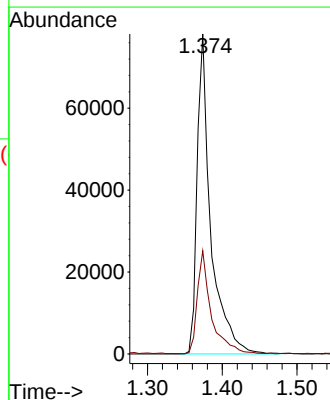
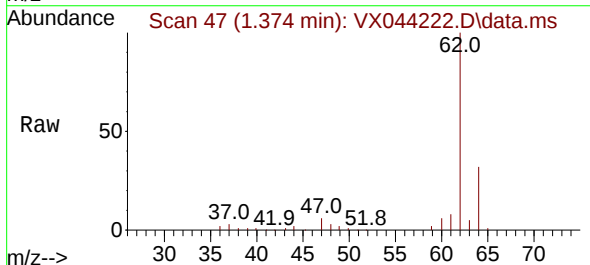
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

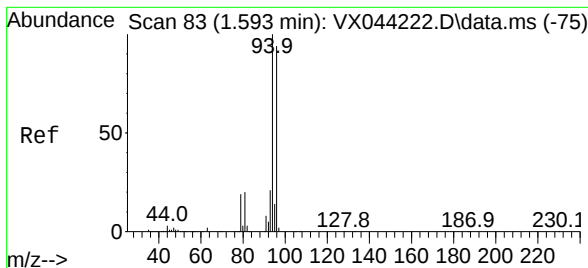
Tgt Ion: 50 Resp: 94981
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 51.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 62 Resp: 98852
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5

Bromomethane

Concen: 50.405 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

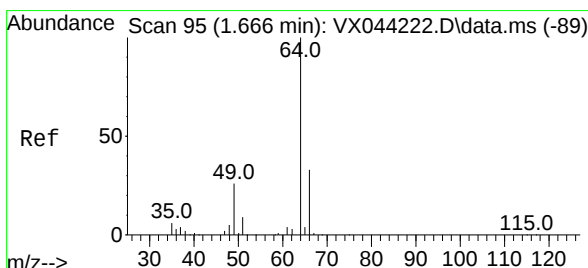
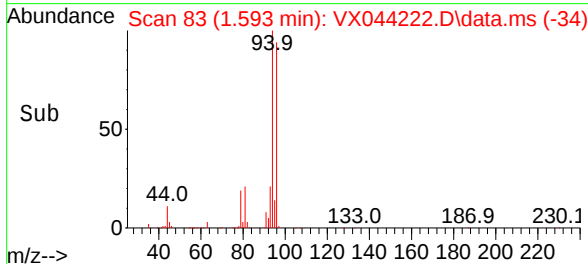
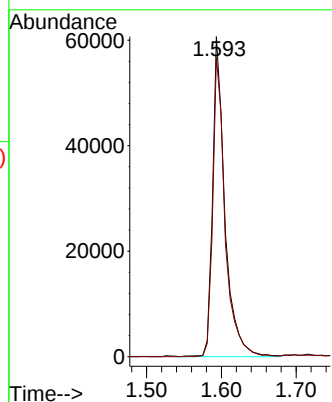
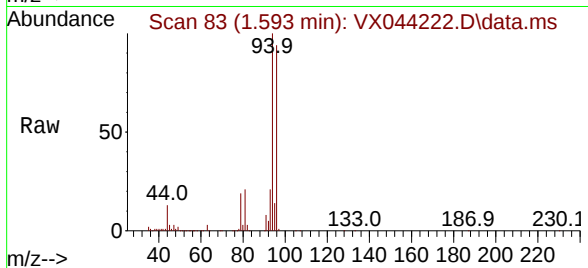
VSTDICCC050

Tgt Ion: 94 Resp: 69250

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



#6

Chloroethane

Concen: 55.448 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044222.D

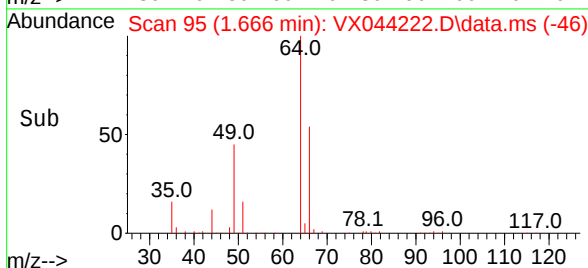
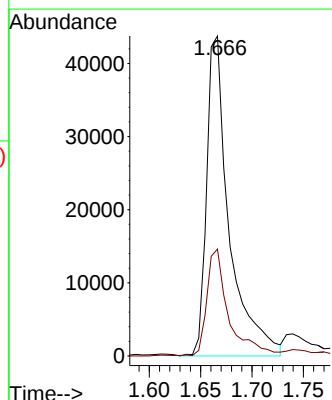
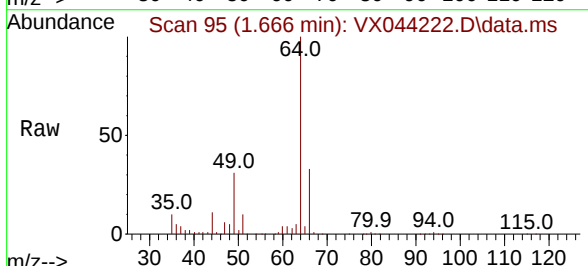
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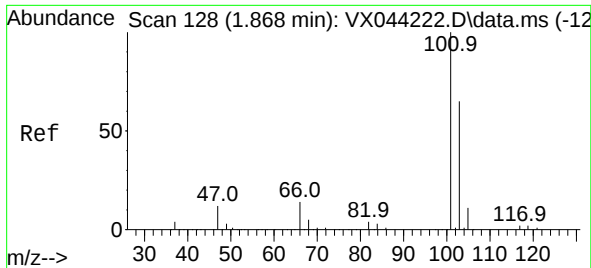
Tgt Ion: 64 Resp: 66862

Ion Ratio Lower Upper

64 100

66 33.2 26.6 39.8

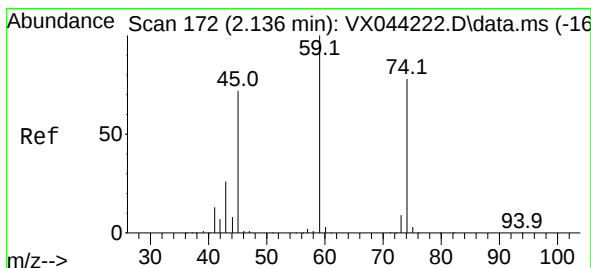
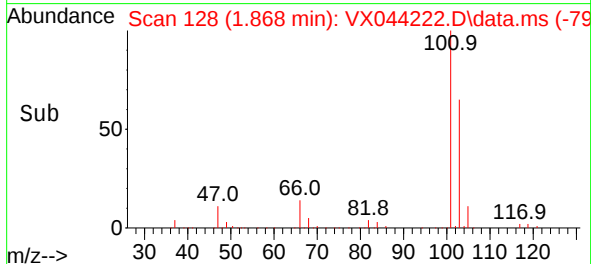
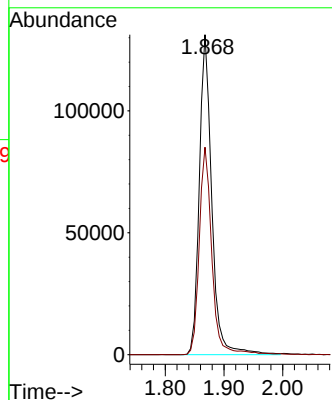
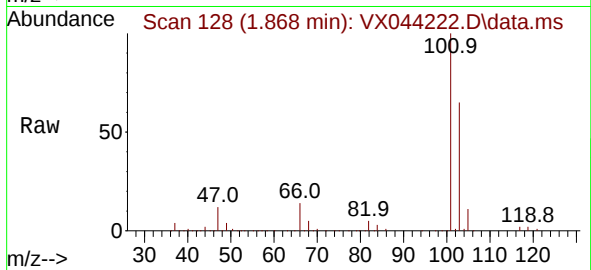




#7
Trichlorofluoromethane
Concen: 51.086 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

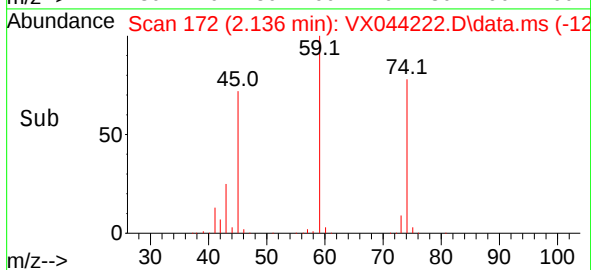
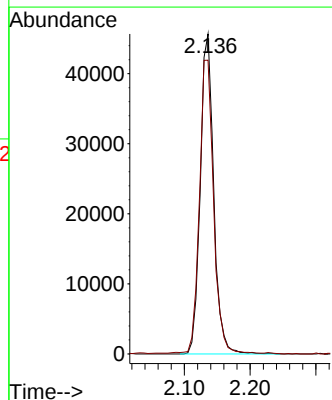
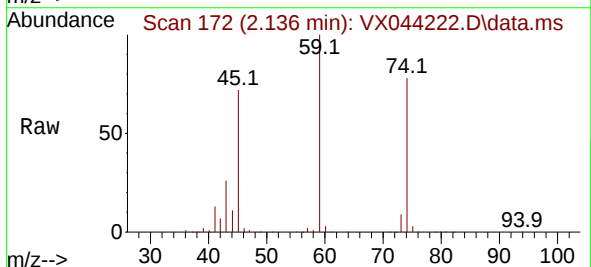
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

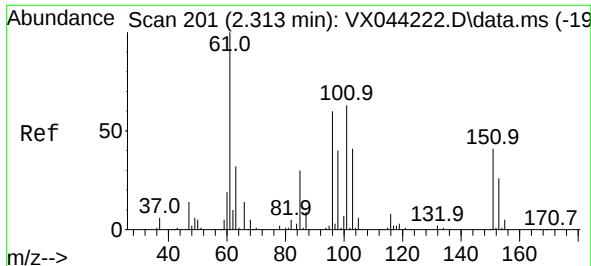
Tgt Ion:101 Resp: 193676
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8



#8
Diethyl Ether
Concen: 49.875 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 74 Resp: 64542
Ion Ratio Lower Upper
74 100
45 96.7 48.4 145.0

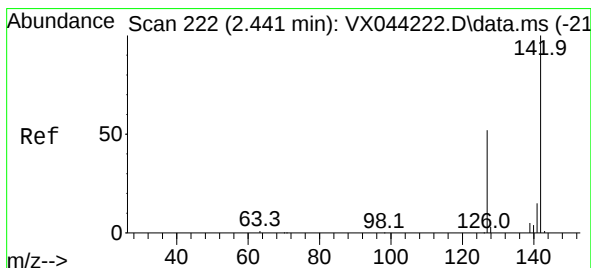
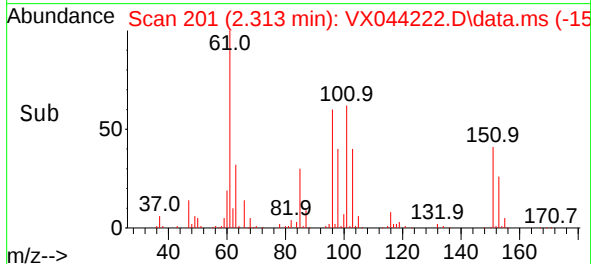
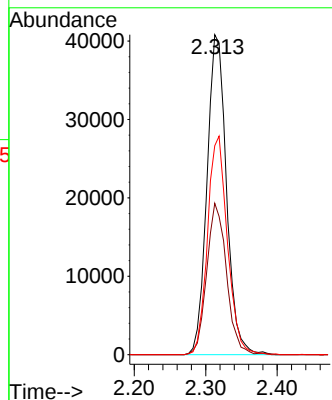
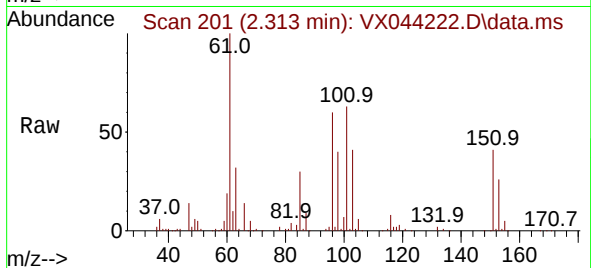




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.371 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

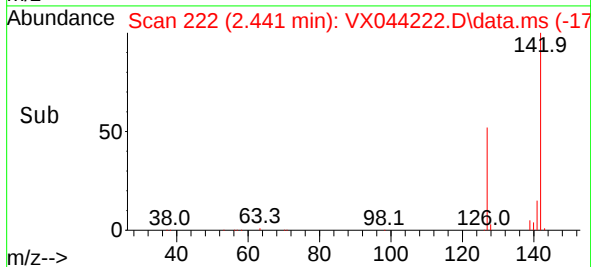
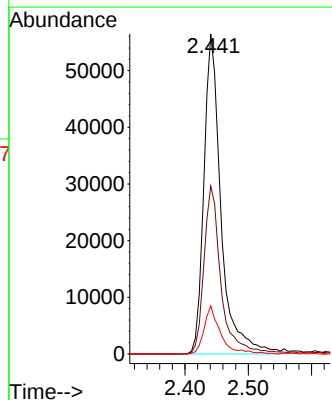
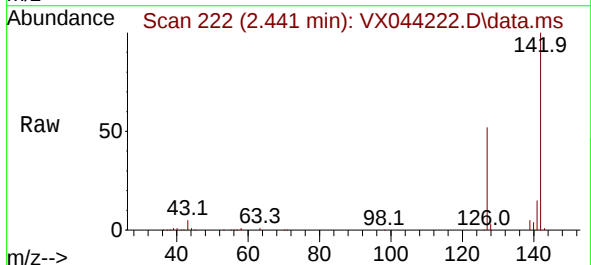
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

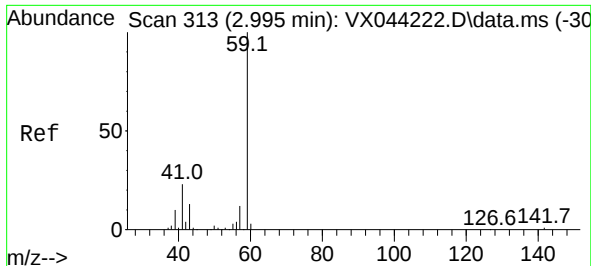
Tgt Ion:101 Resp: 77275
Ion Ratio Lower Upper
101 100
85 48.1 38.5 57.7
151 69.7 55.8 83.6



#10
Methyl Iodide
Concen: 52.678 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:142 Resp: 106509
Ion Ratio Lower Upper
142 100
127 52.3 41.8 62.8
141 14.4 11.5 17.3

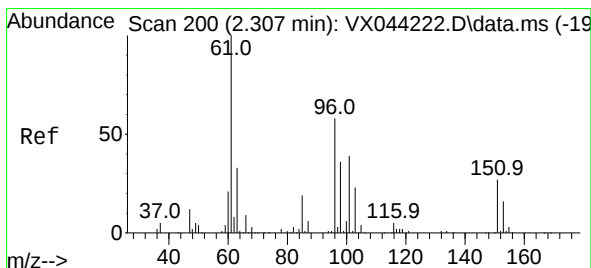
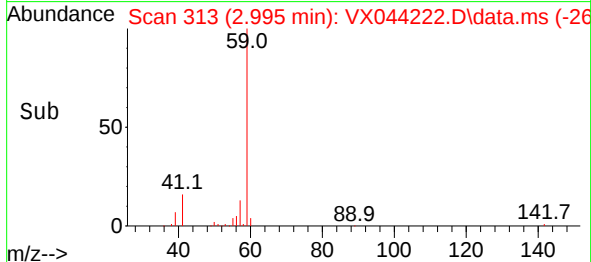
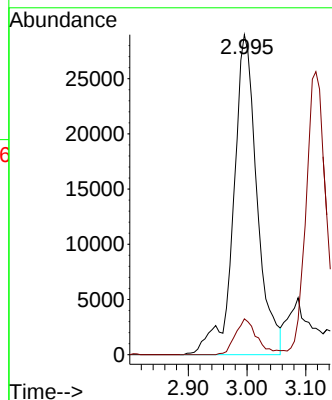
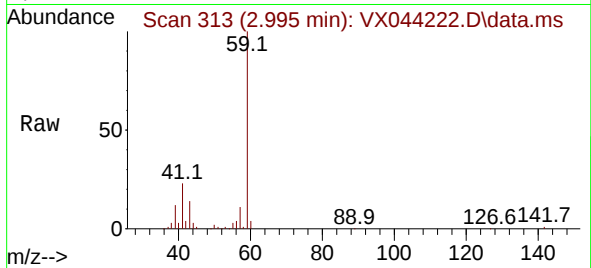




#11
Tert butyl alcohol
Concen: 261.121 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

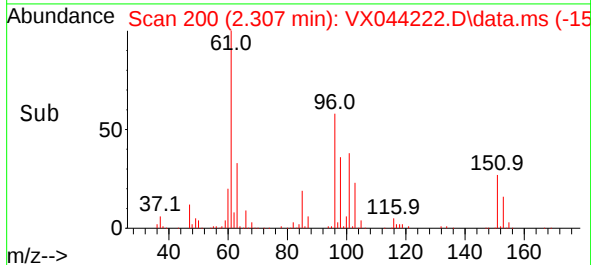
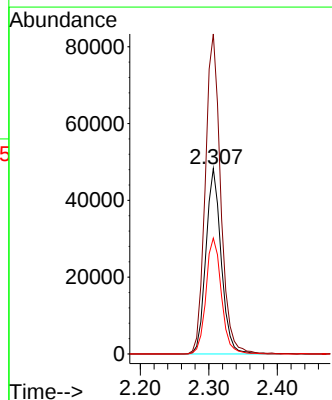
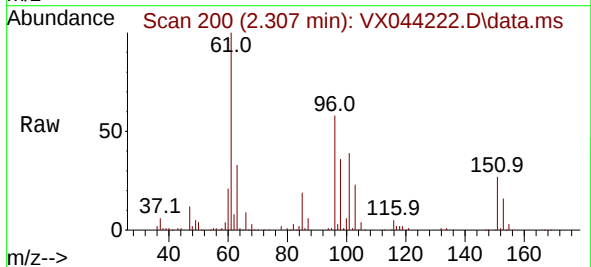
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

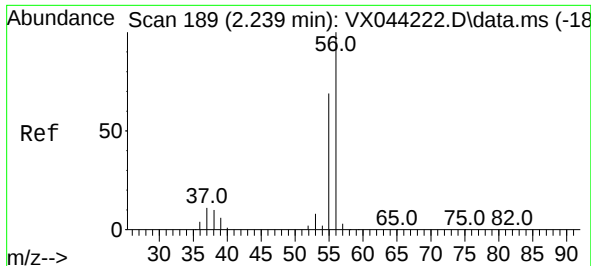
Tgt Ion: 59 Resp: 80988
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 53.143 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 96 Resp: 74884
Ion Ratio Lower Upper
96 100
61 172.5 138.0 207.0
98 62.5 50.0 75.0

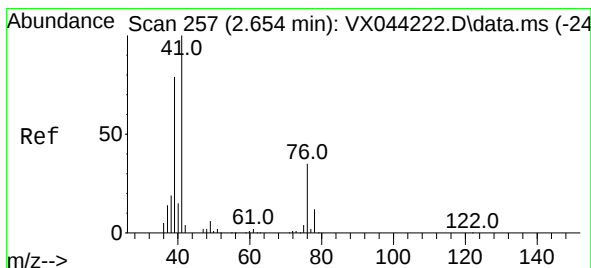
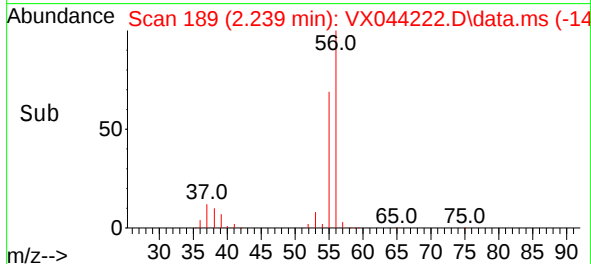
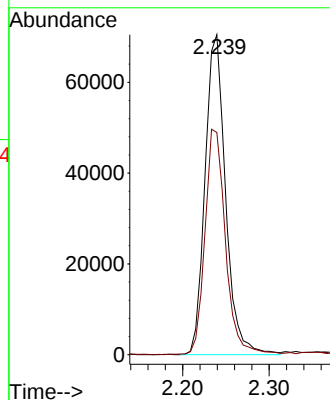
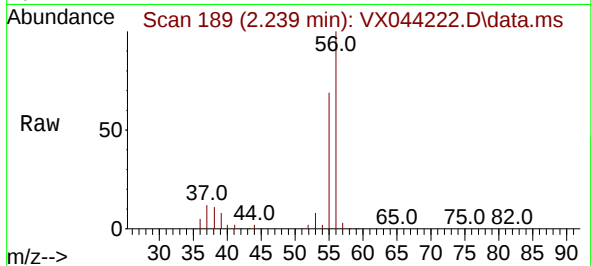




#13
Acrolein
Concen: 258.347 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

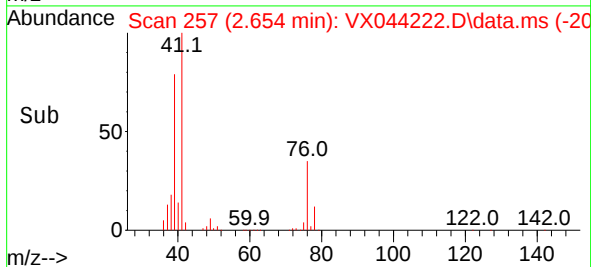
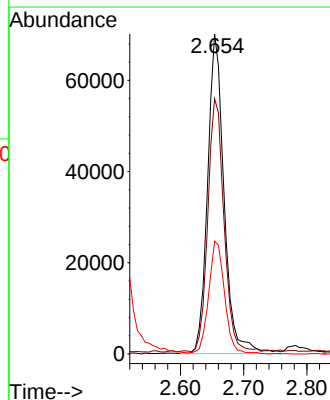
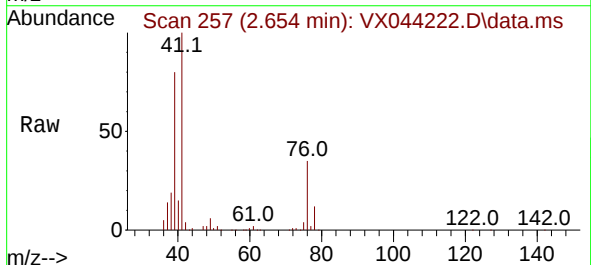
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

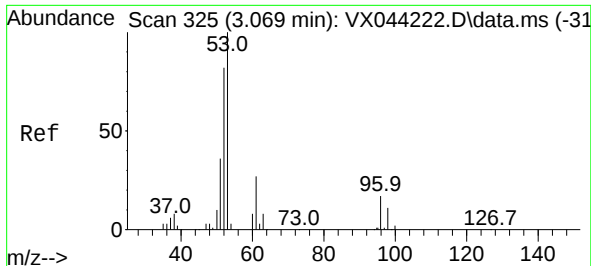
Tgt Ion: 56 Resp: 116171
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8



#14
Allyl chloride
Concen: 54.079 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 126925
Ion Ratio Lower Upper
41 100
39 77.4 61.9 92.9
76 34.3 27.4 41.2





#15

Acrylonitrile

Concen: 261.859 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

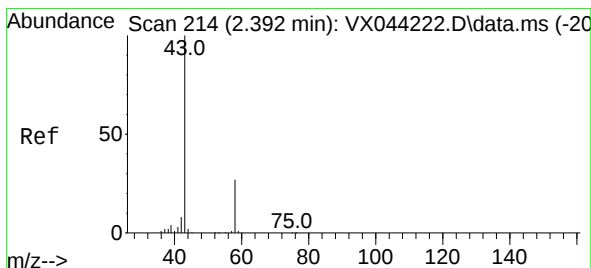
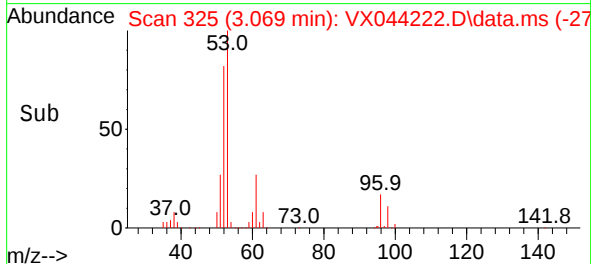
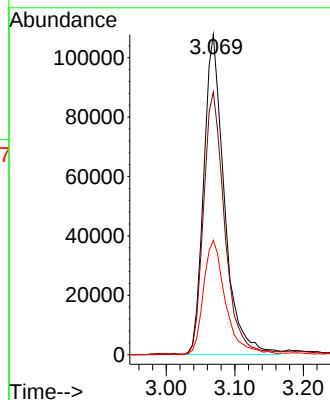
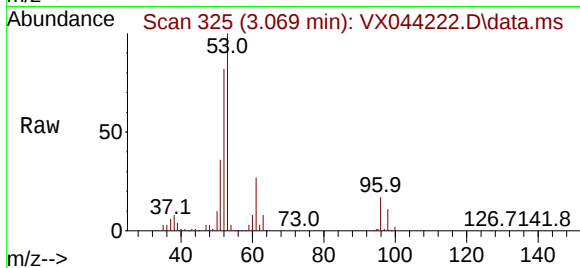
Tgt Ion: 53 Resp: 225330

Ion Ratio Lower Upper

53 100

52 84.2 67.4 101.0

51 37.9 30.3 45.5



#16

Acetone

Concen: 266.704 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX044222.D

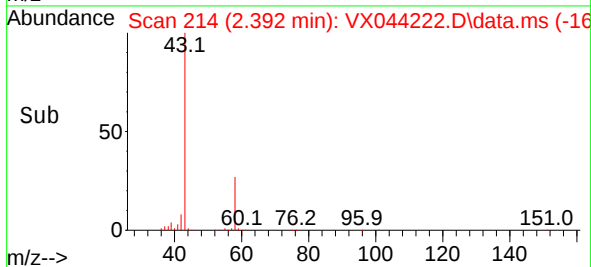
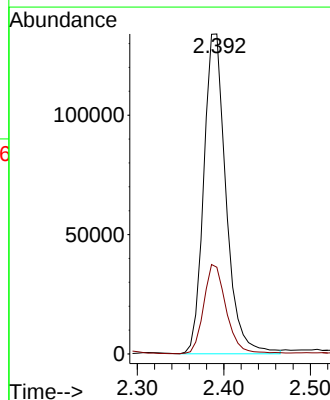
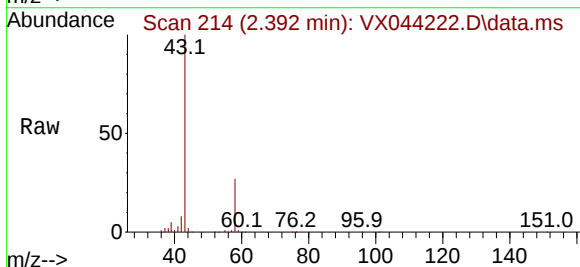
Acq: 11 Dec 2024 12:14

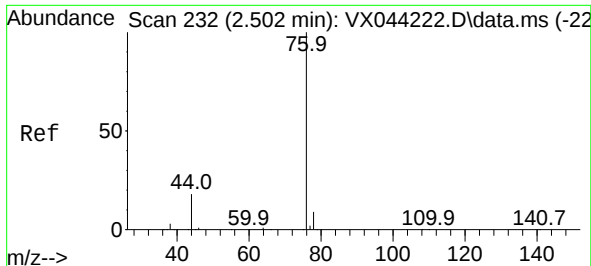
Tgt Ion: 43 Resp: 239661

Ion Ratio Lower Upper

43 100

58 27.0 21.6 32.4





#17

Carbon Disulfide

Concen: 53.994 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

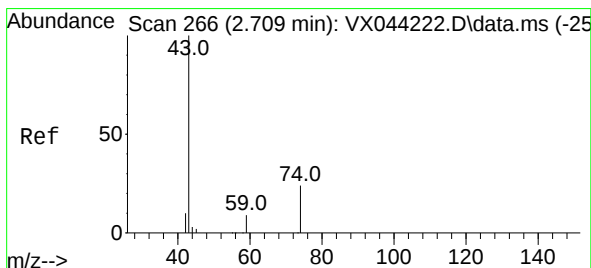
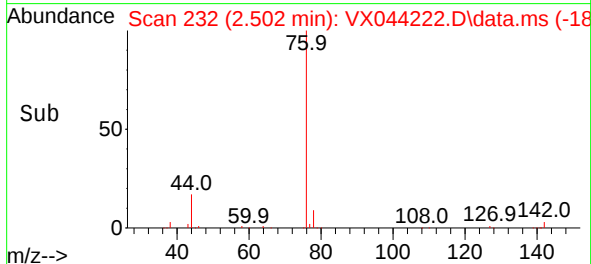
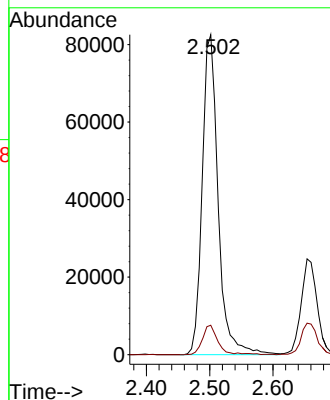
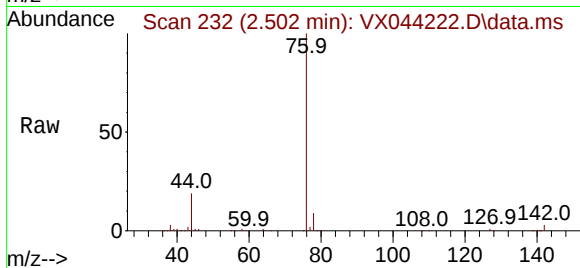
VSTDICCC050

Tgt Ion: 76 Resp: 144624

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 51.710 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX044222.D

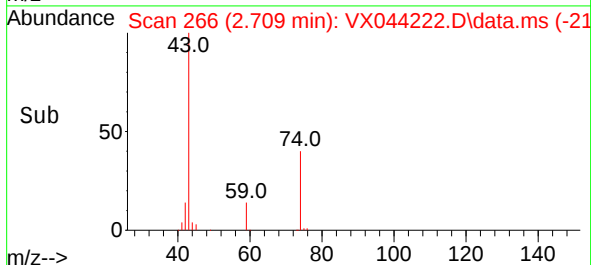
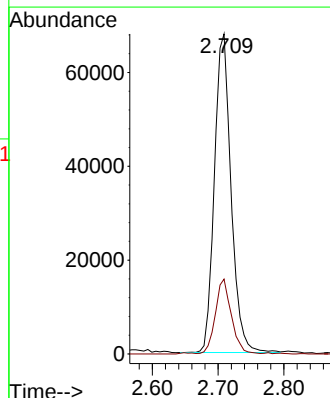
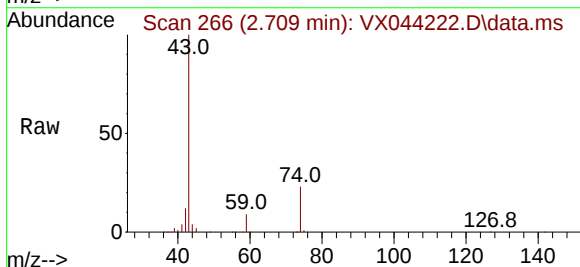
Acq: 11 Dec 2024 12:14

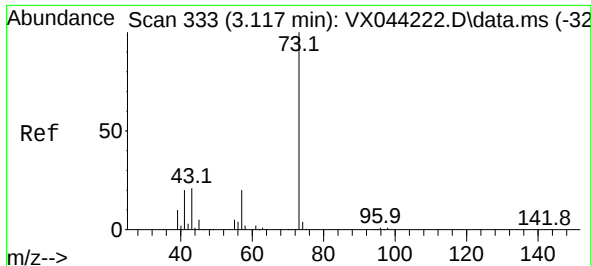
Tgt Ion: 43 Resp: 119808

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.691 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

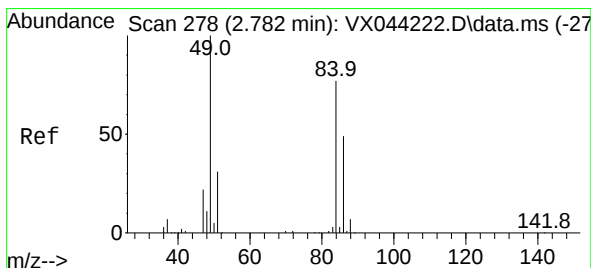
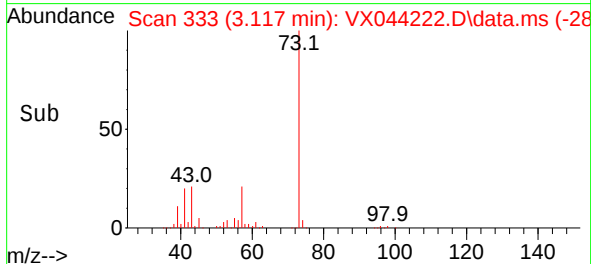
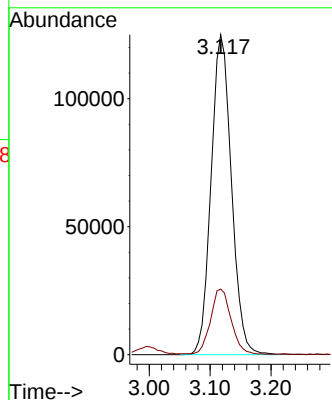
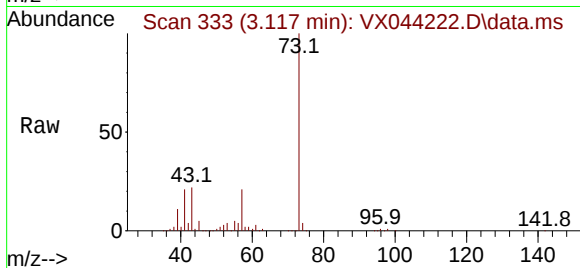
VSTDICCC050

Tgt Ion: 73 Resp: 289735

Ion Ratio Lower Upper

73 100

57 20.3 16.2 24.4



#20

Methylene Chloride

Concen: 51.305 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion: 84 Resp: 86593

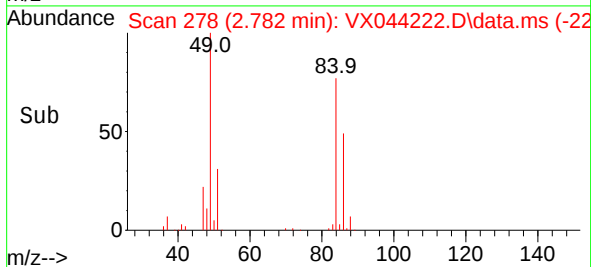
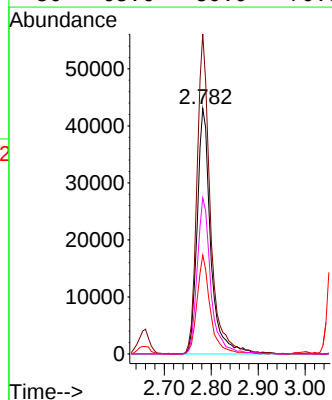
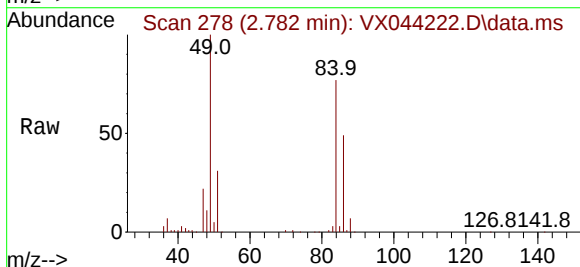
Ion Ratio Lower Upper

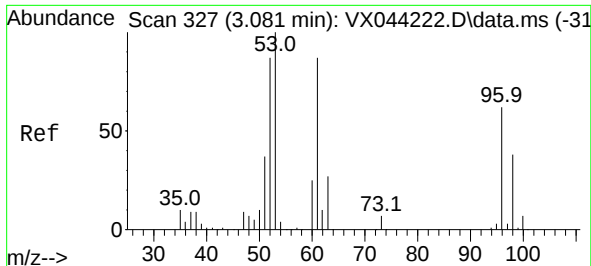
84 100

49 130.3 104.2 156.4

51 40.3 32.2 48.4

86 63.6 50.9 76.3

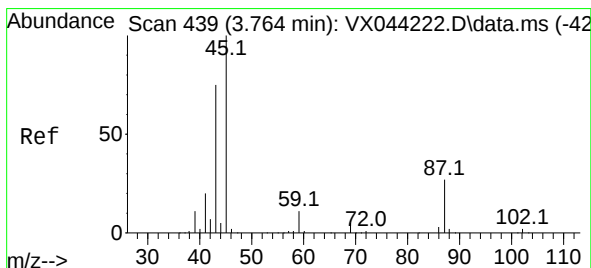
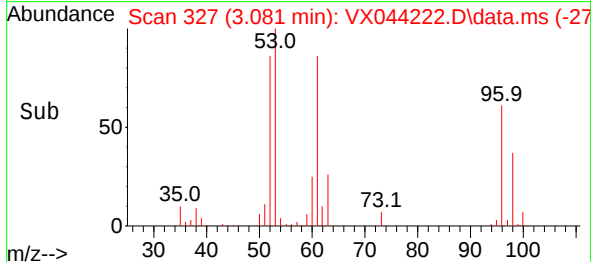
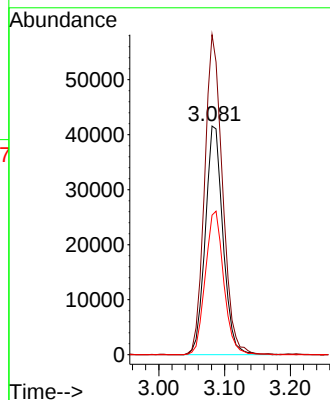
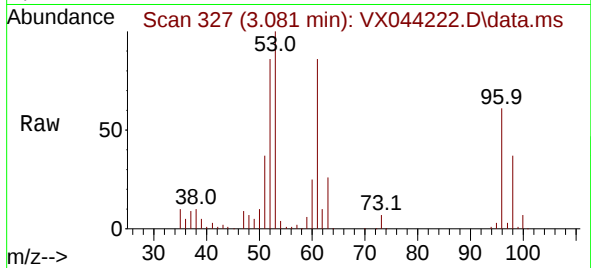




#21
trans-1,2-Dichloroethene
Concen: 51.974 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

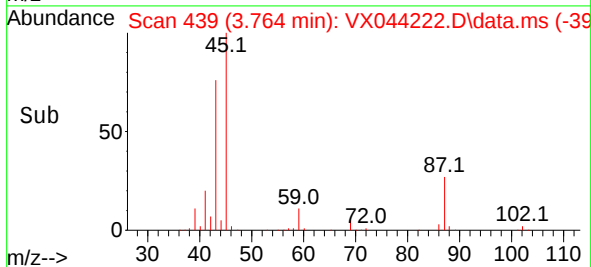
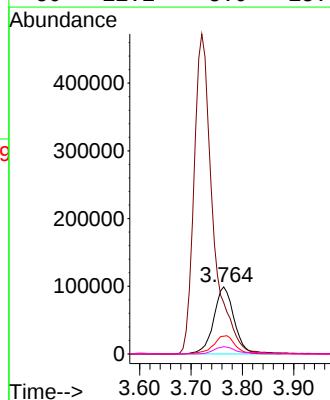
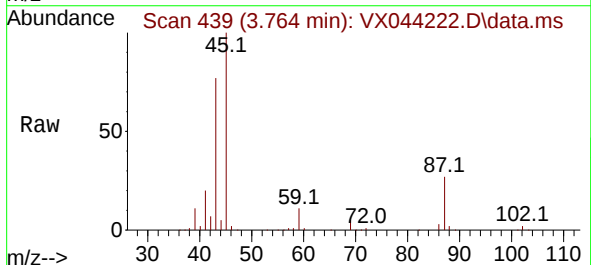
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

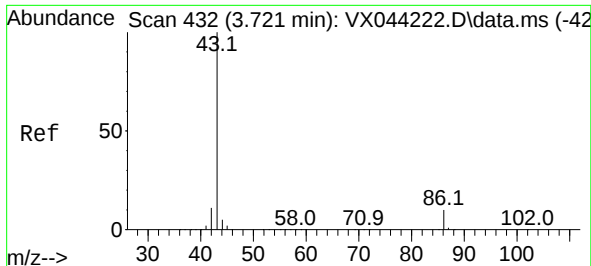
Tgt Ion: 96 Resp: 77834
Ion Ratio Lower Upper
96 100
61 140.0 112.0 168.0
98 61.0 48.8 73.2



#22
Diisopropyl ether
Concen: 51.662 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 45 Resp: 273039
Ion Ratio Lower Upper
45 100
43 75.2 60.2 90.2
87 26.5 21.2 31.8
59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 279.754 ug/l

RT: 3.721 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

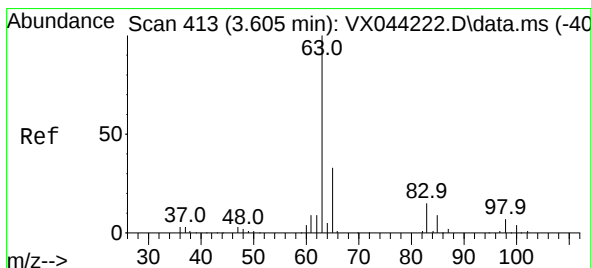
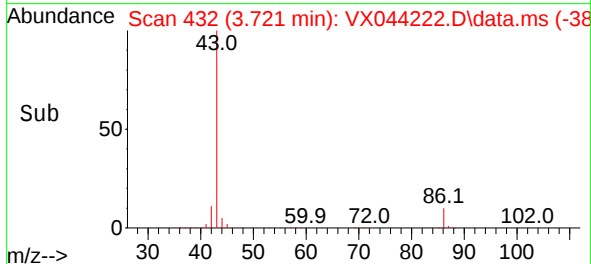
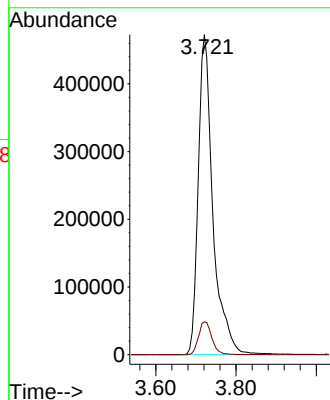
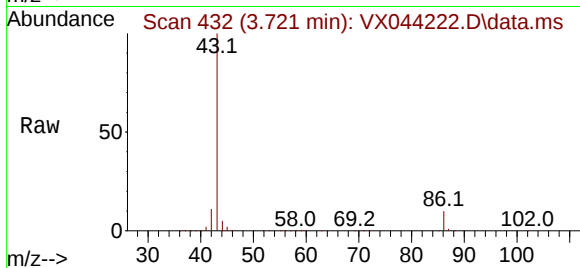
VSTDICCC050

Tgt Ion: 43 Resp: 1202044

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



#24

1,1-Dichloroethane

Concen: 53.093 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

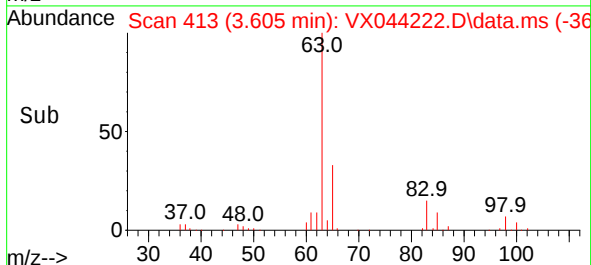
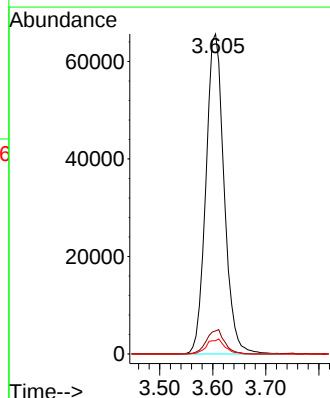
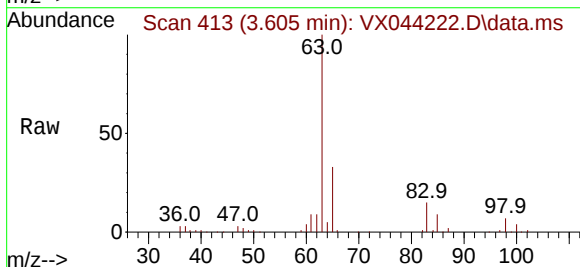
Tgt Ion: 63 Resp: 156412

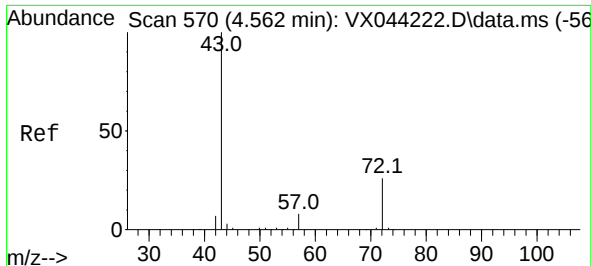
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 269.797 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

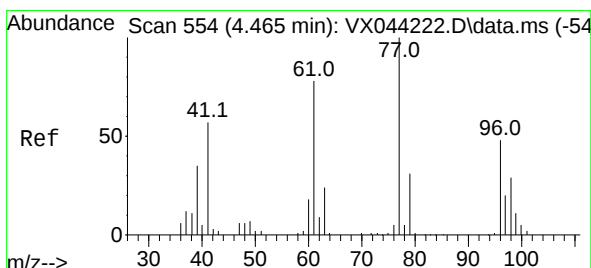
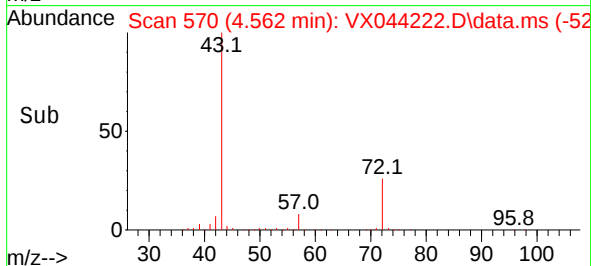
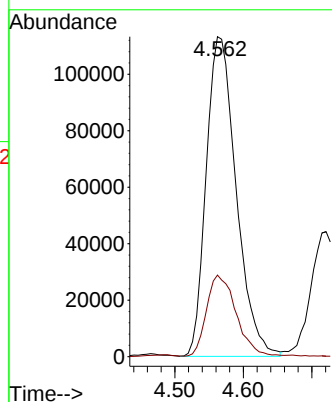
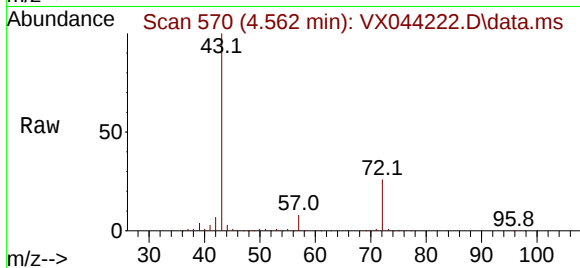
VSTDICCC050

Tgt Ion: 43 Resp: 344663

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 54.914 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX044222.D

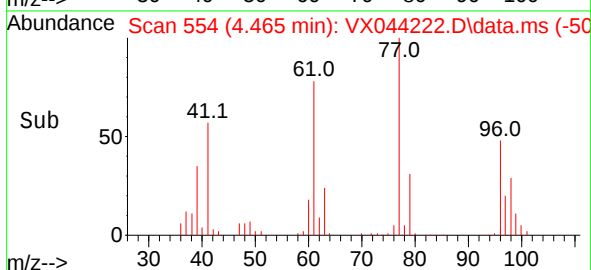
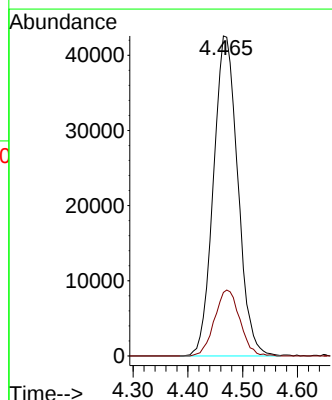
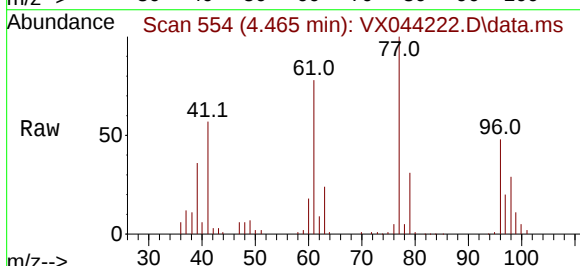
Acq: 11 Dec 2024 12:14

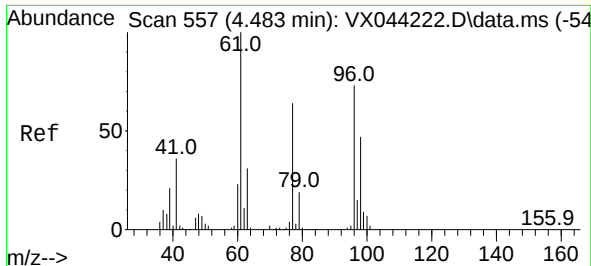
Tgt Ion: 77 Resp: 131428

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 51.007 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

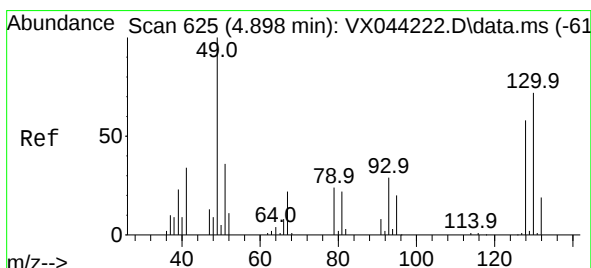
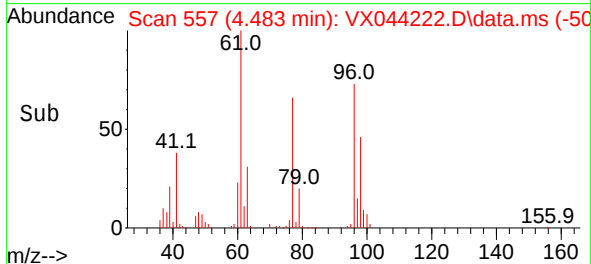
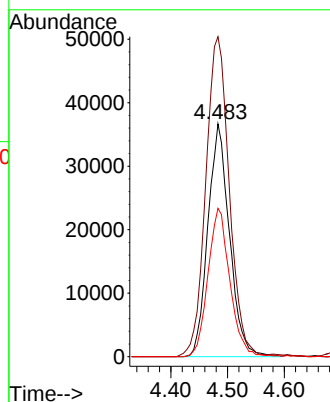
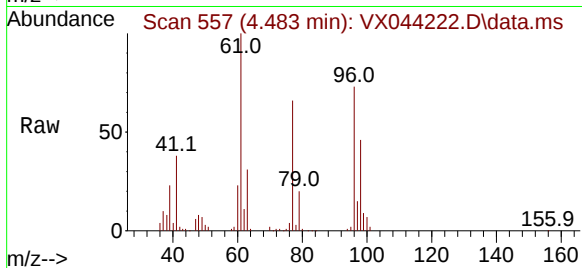
Tgt Ion: 96 Resp: 97013

Ion Ratio Lower Upper

96 100

61 149.5 0.0 299.0

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 51.555 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

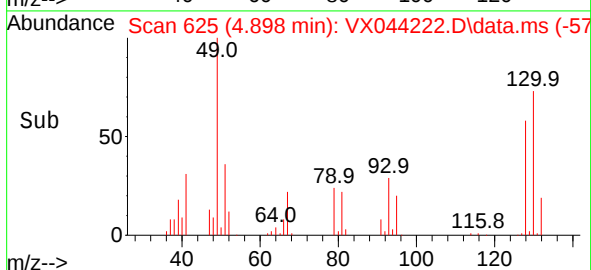
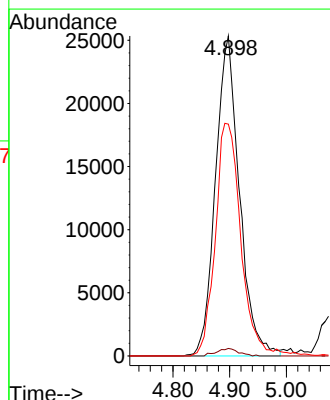
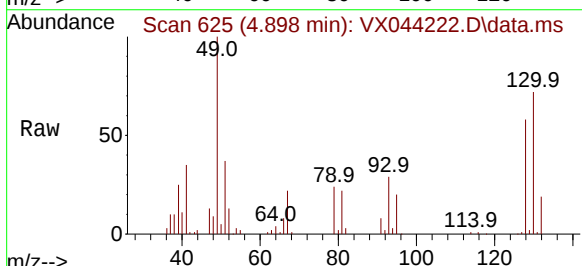
Tgt Ion: 49 Resp: 74477

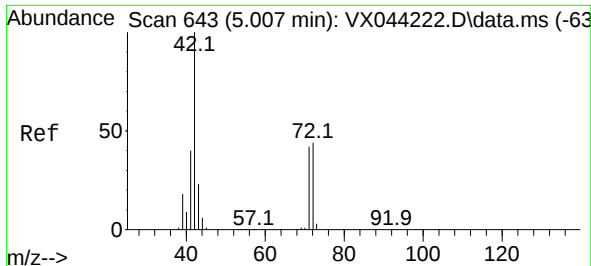
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 77.6 62.1 93.1





#29

Tetrahydrofuran

Concen: 258.669 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

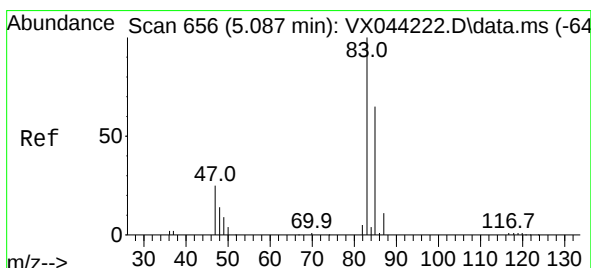
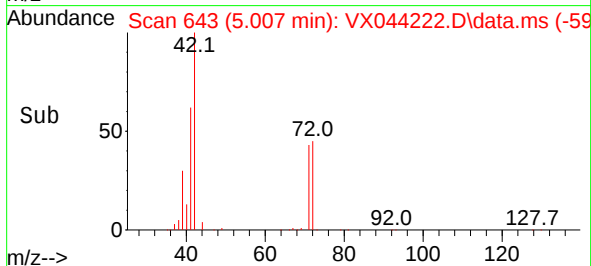
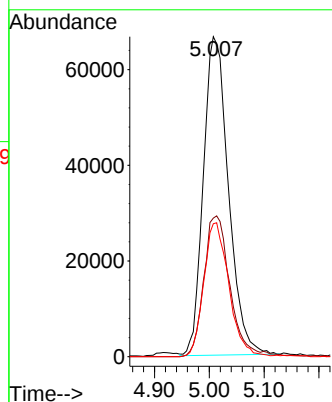
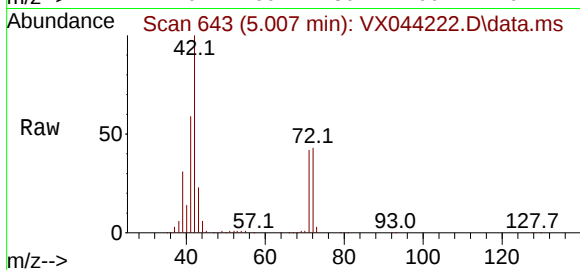
Tgt Ion: 42 Resp: 212103

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 42.0 33.6 50.4



#30

Chloroform

Concen: 51.017 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044222.D

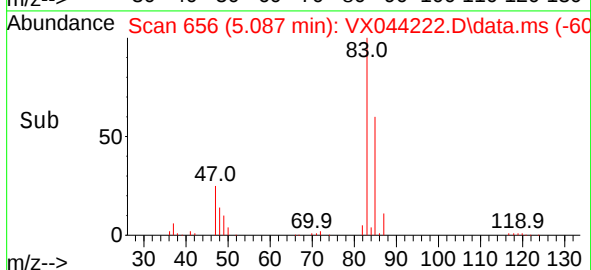
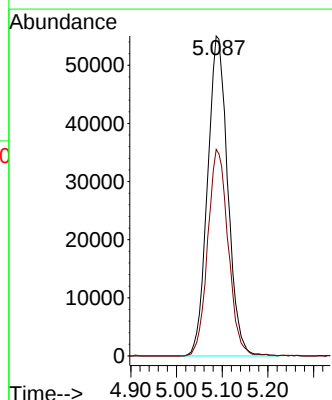
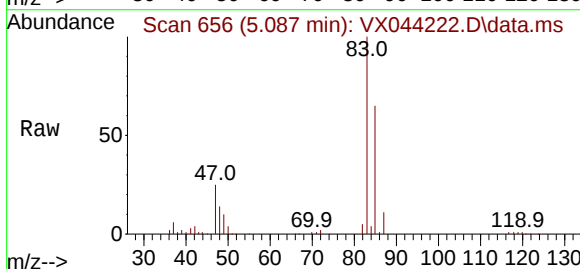
Acq: 11 Dec 2024 12:14

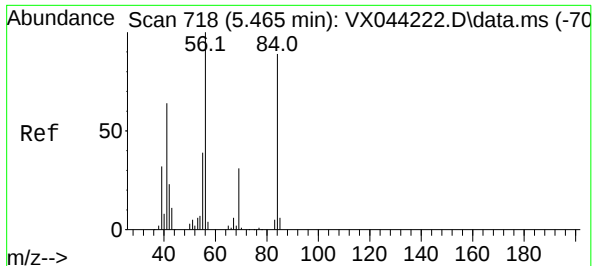
Tgt Ion: 83 Resp: 168864

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

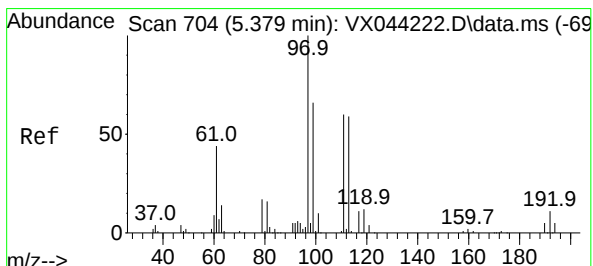
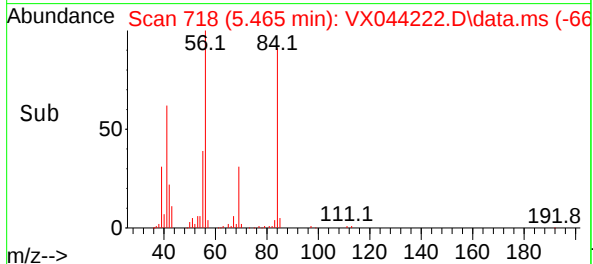
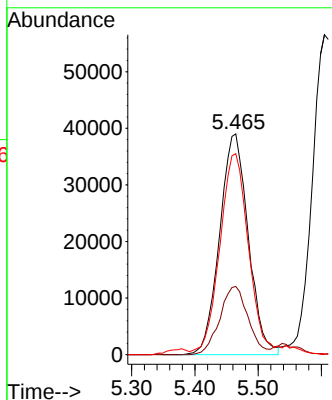
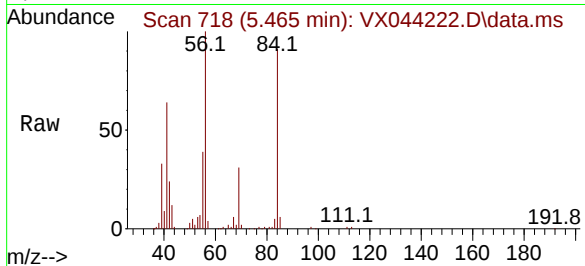




#31
Cyclohexane
Concen: 51.637 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

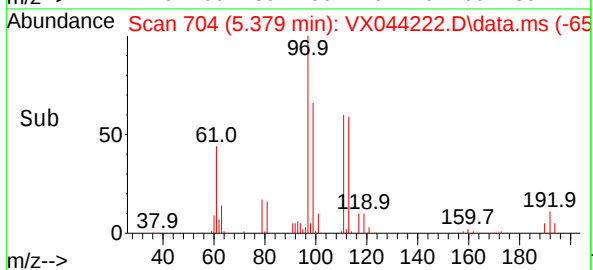
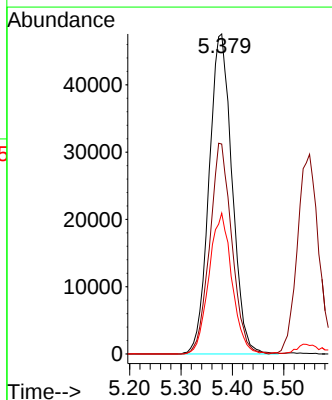
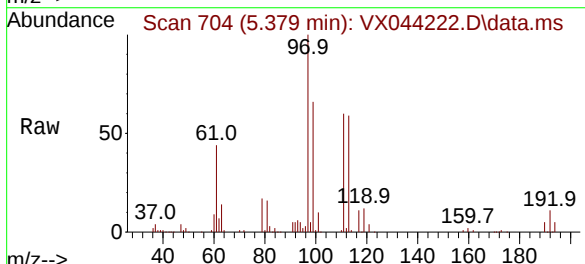
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

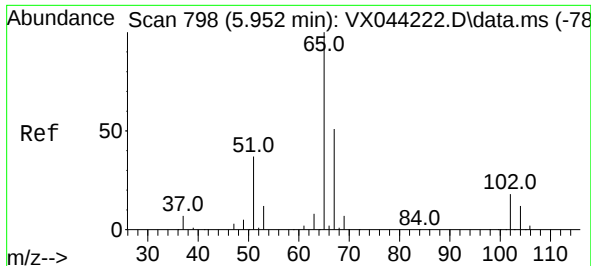
Tgt Ion: 56 Resp: 122841
Ion Ratio Lower Upper
56 100
69 30.9 24.7 37.1
84 88.8 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 53.806 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 97 Resp: 147834
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.0 35.2 52.8

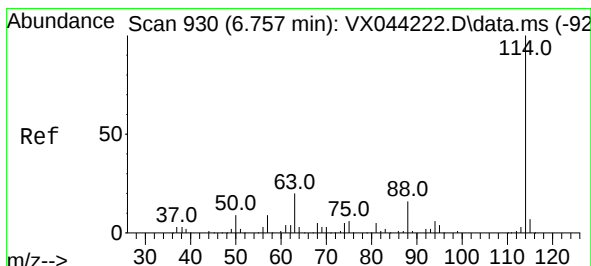
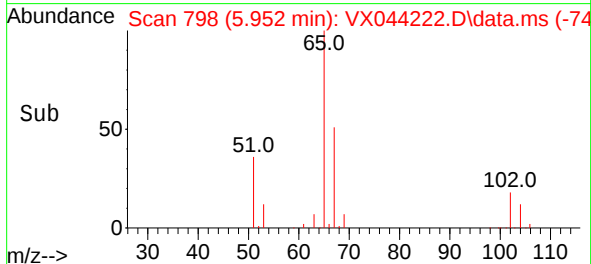
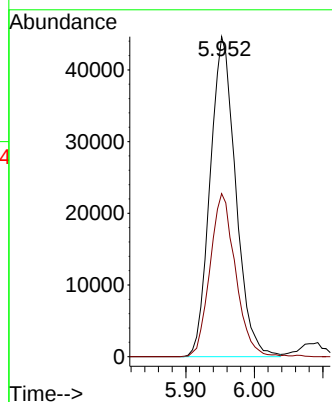
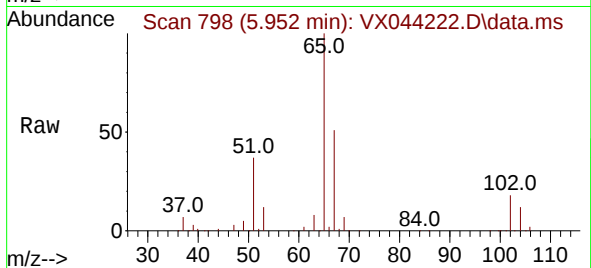




#33
 1,2-Dichloroethane-d4
 Concen: 52.544 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

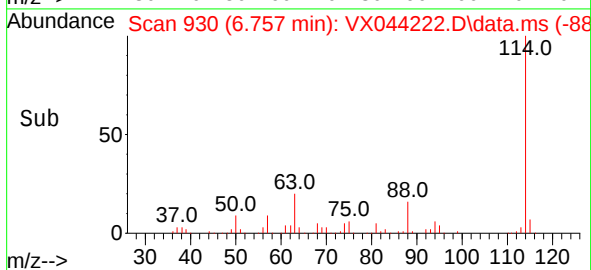
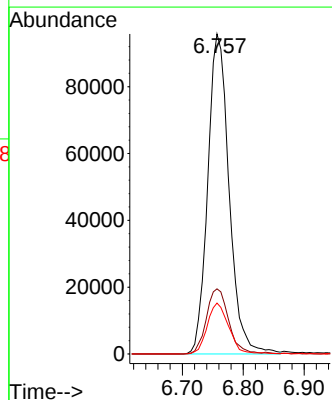
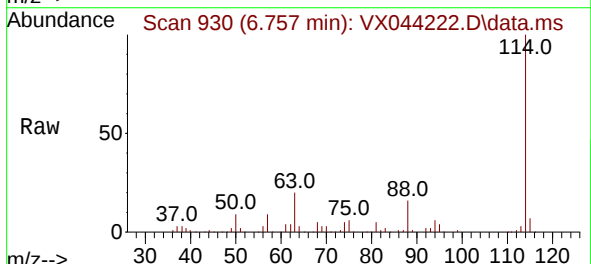
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

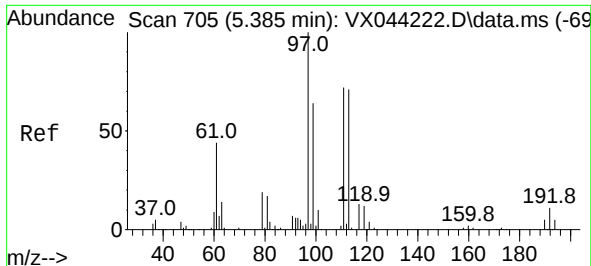
Tgt Ion: 65 Resp: 115815
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

Tgt Ion: 114 Resp: 233488
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.968 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

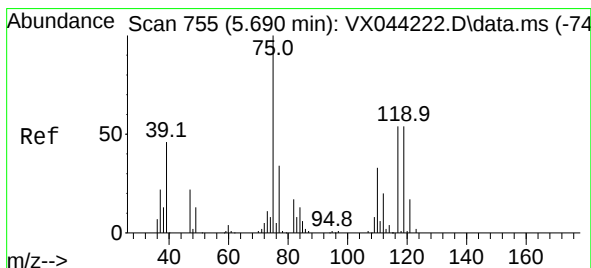
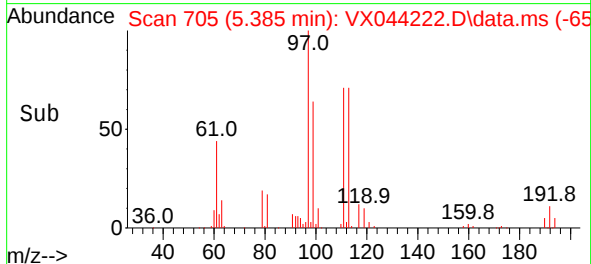
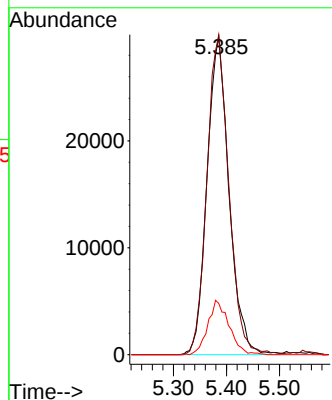
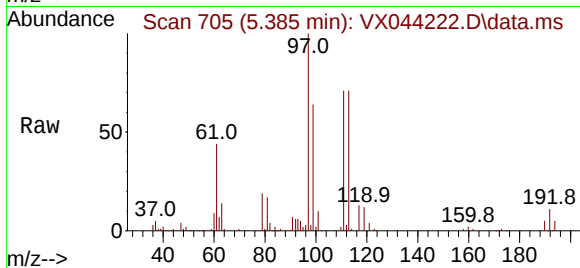
Tgt Ion:113 Resp: 85656

Ion Ratio Lower Upper

113 100

111 100.5 80.4 120.6

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 49.638 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

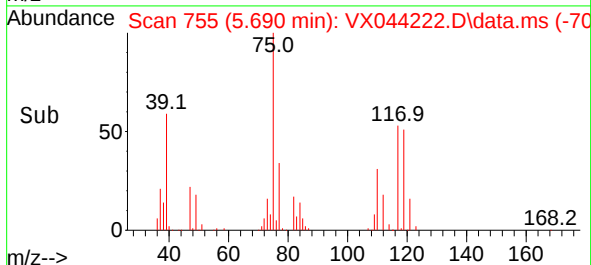
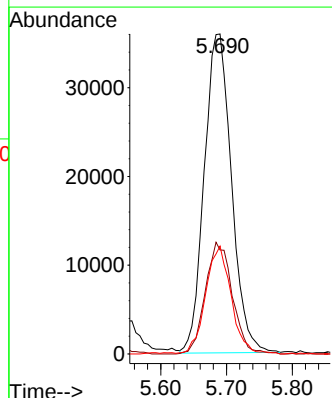
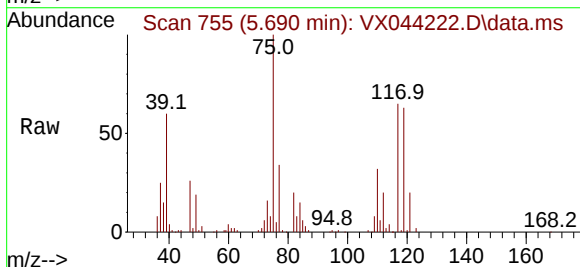
Tgt Ion: 75 Resp: 103760

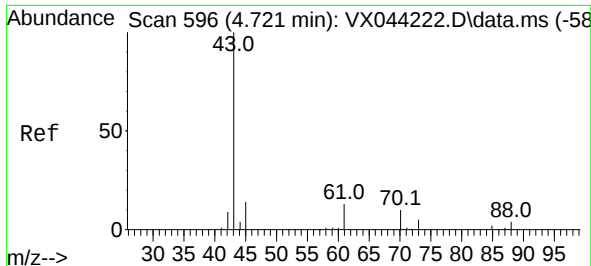
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 52.537 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

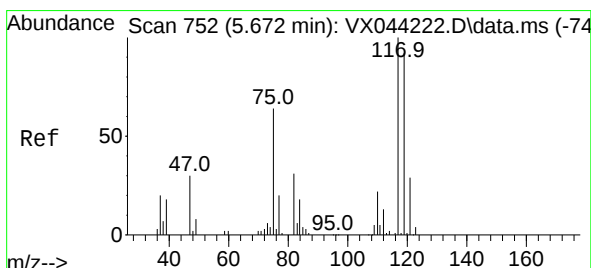
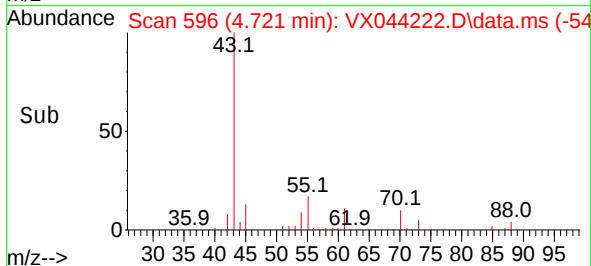
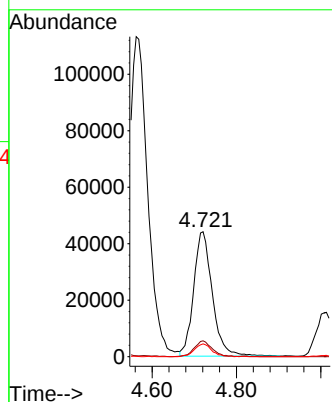
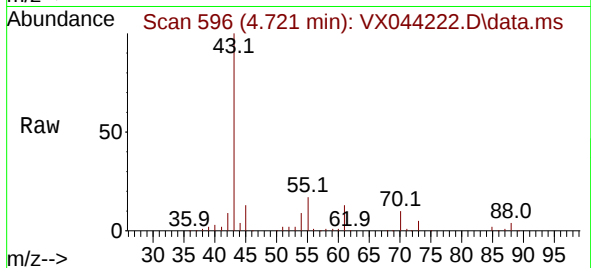
Tgt Ion: 43 Resp: 135753

Ion Ratio Lower Upper

43 100

61 12.3 9.8 14.8

70 9.6 7.7 11.5



#38

Carbon Tetrachloride

Concen: 52.023 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

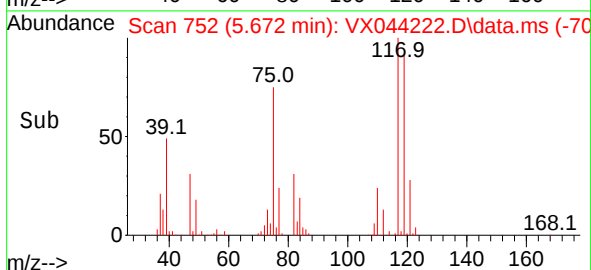
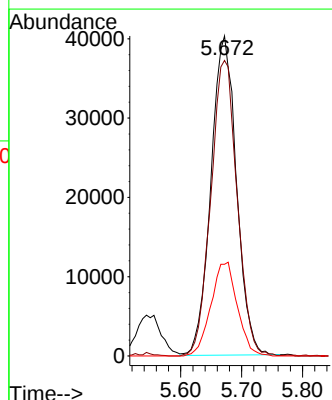
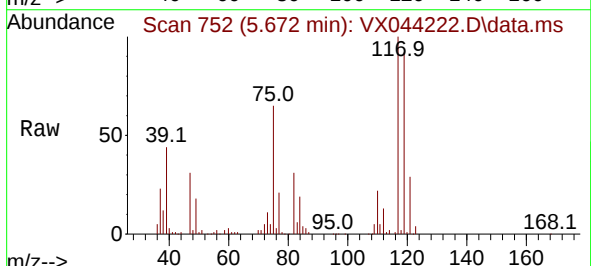
Tgt Ion: 117 Resp: 117076

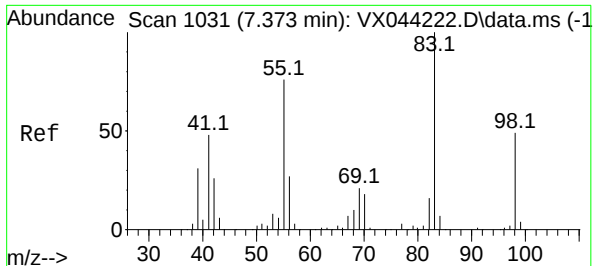
Ion Ratio Lower Upper

117 100

119 92.8 74.2 111.4

121 28.8 23.0 34.6





#39

Methylcyclohexane

Concen: 51.901 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

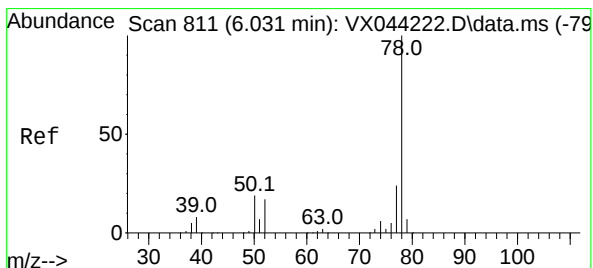
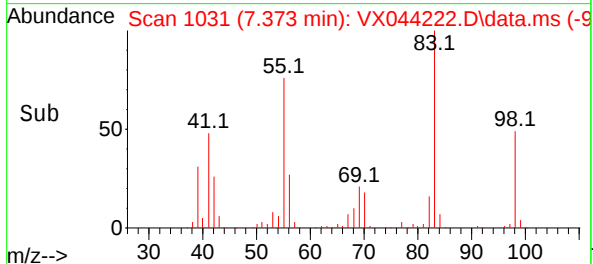
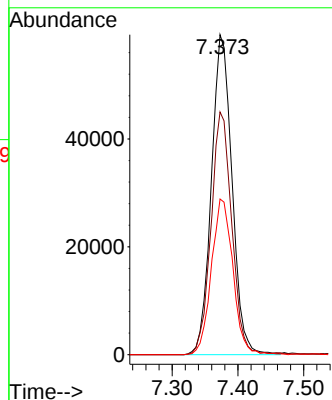
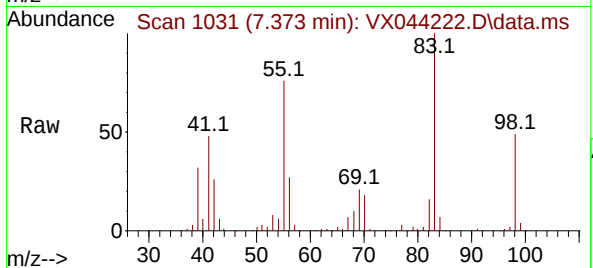
Tgt Ion: 83 Resp: 129697

Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

98 48.6 38.9 58.3



#40

Benzene

Concen: 51.863 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044222.D

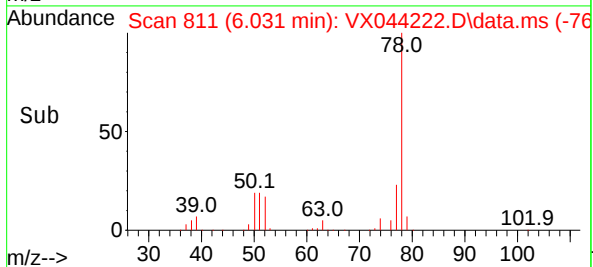
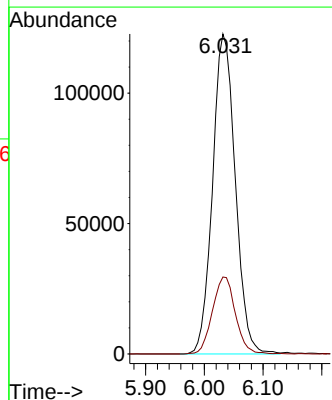
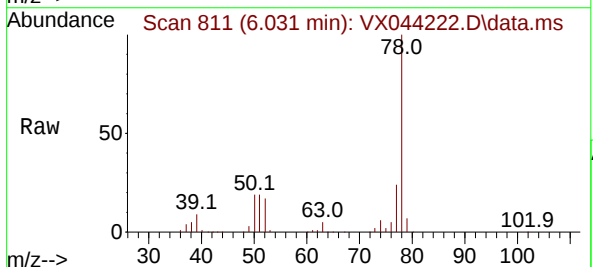
Acq: 11 Dec 2024 12:14

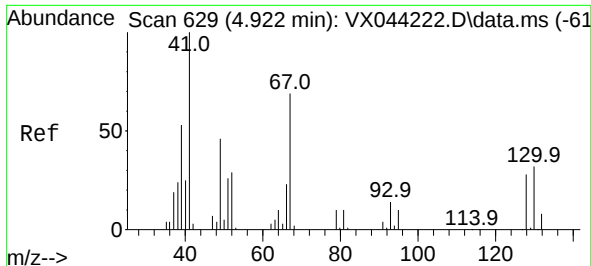
Tgt Ion: 78 Resp: 329154

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

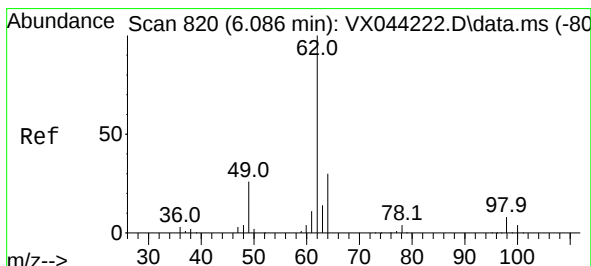
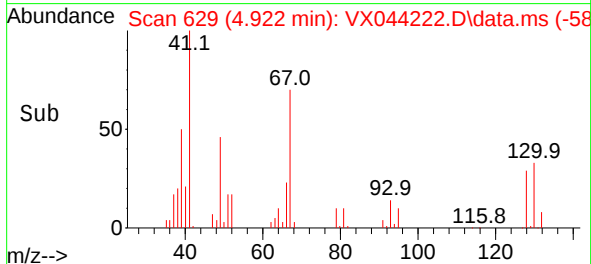
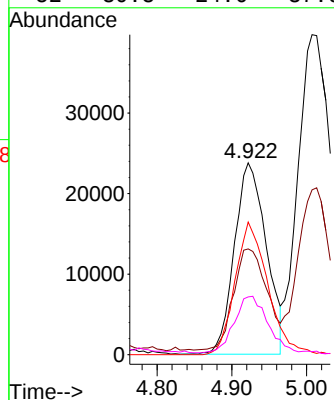
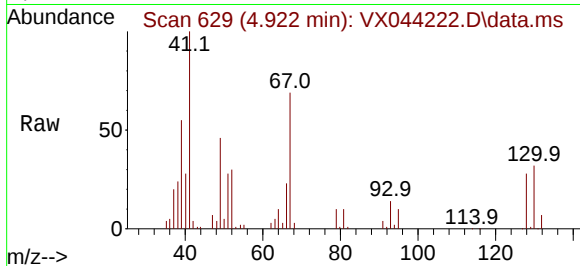




#41
Methacrylonitrile
Concen: 51.329 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

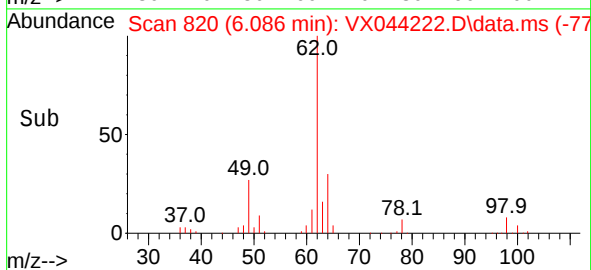
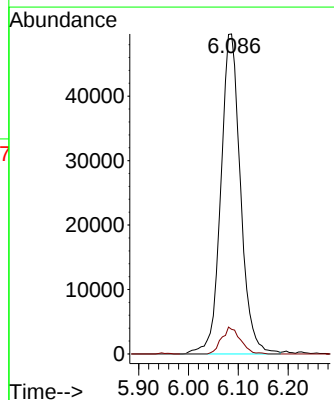
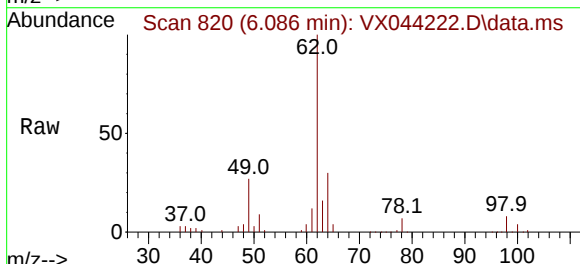
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

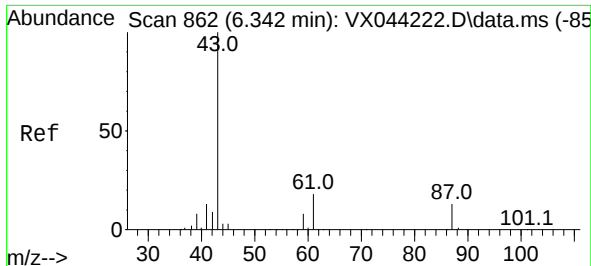
Tgt Ion:	41	Resp:	70427
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	71.5	57.2	85.8
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 52.138 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:	62	Resp:	136309
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

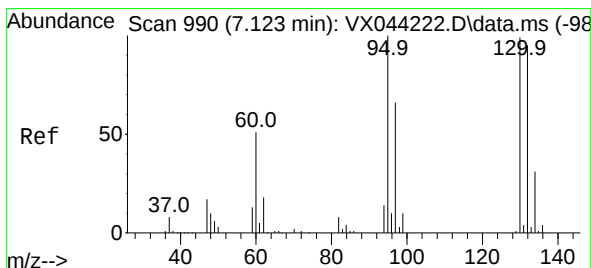
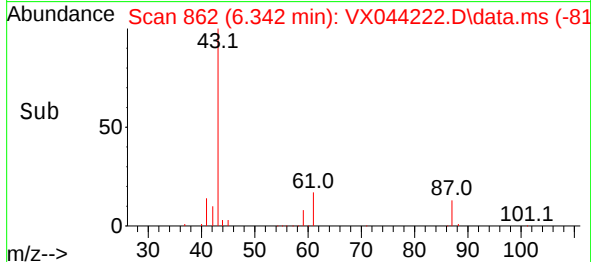
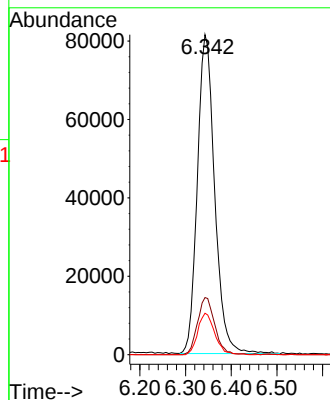
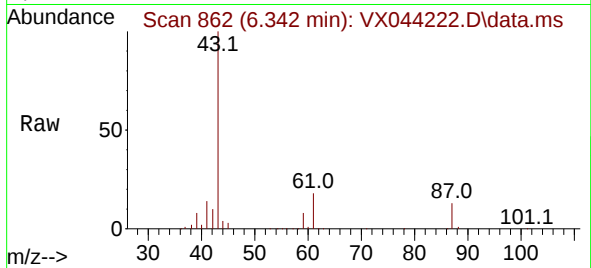




#43
Isopropyl Acetate
Concen: 52.961 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

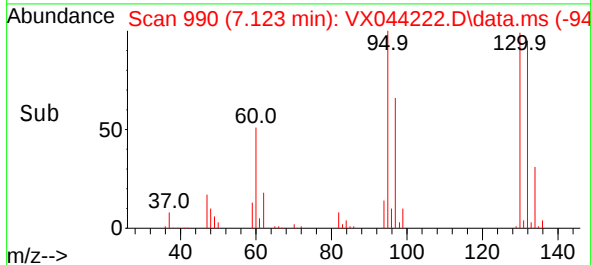
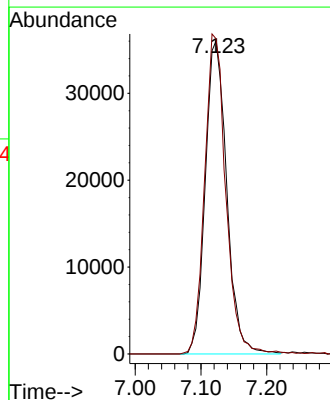
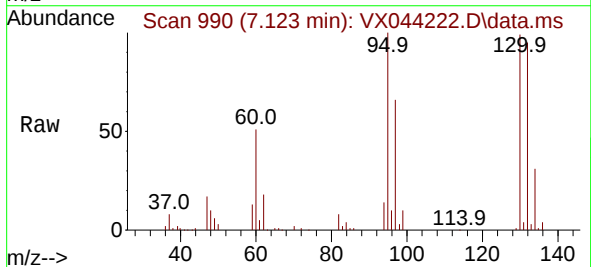
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

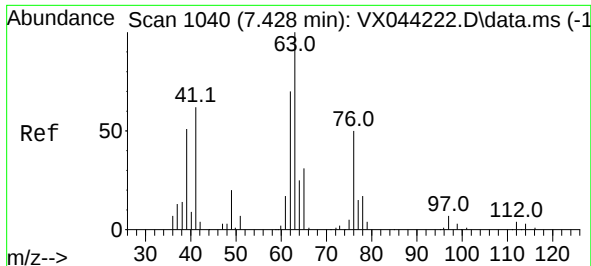
Tgt Ion: 43 Resp: 213891
Ion Ratio Lower Upper
43 100
61 17.7 14.2 21.2
87 12.7 10.2 15.2



#44
Trichloroethene
Concen: 51.521 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:130 Resp: 81542
Ion Ratio Lower Upper
130 100
95 100.7 0.0 201.4





#45

1,2-Dichloropropane

Concen: 51.420 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

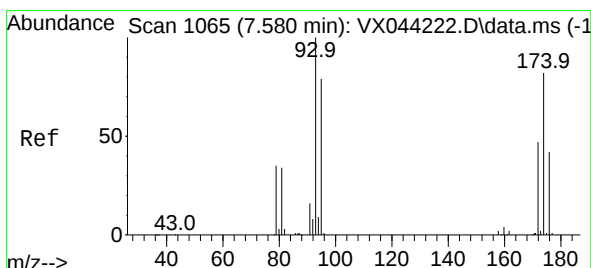
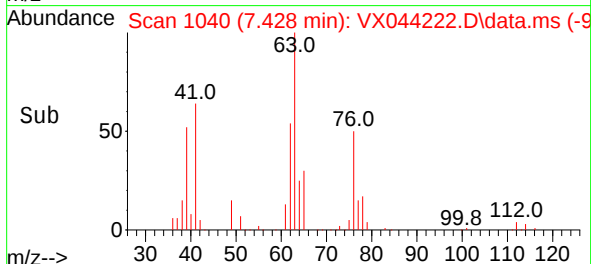
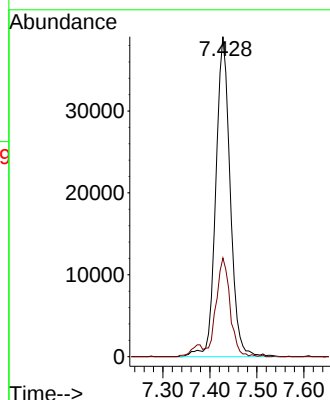
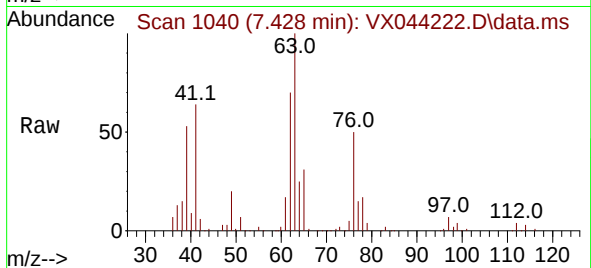
VSTDICCC050

Tgt Ion: 63 Resp: 83376

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 53.092 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

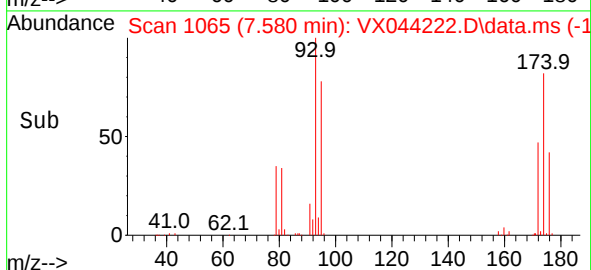
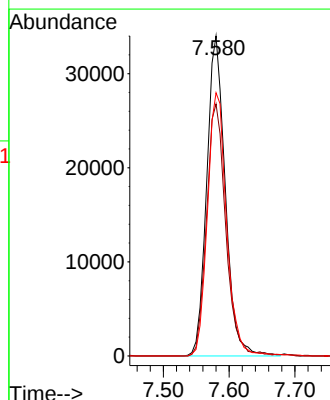
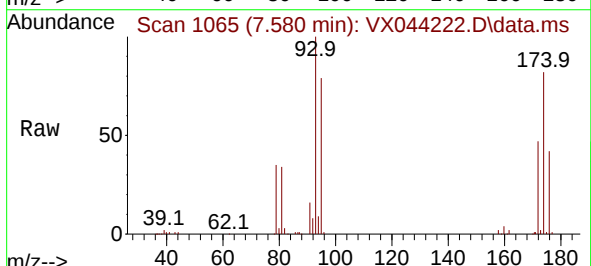
Tgt Ion: 93 Resp: 66786

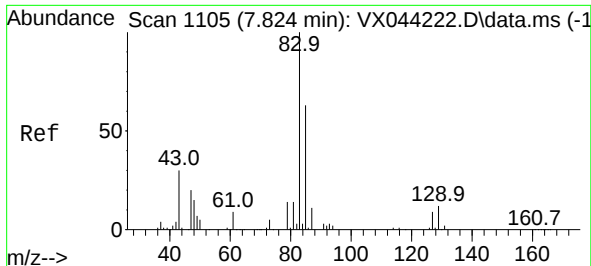
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.2

174 84.9 67.9 101.9

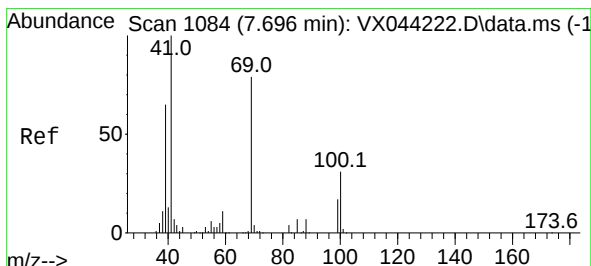
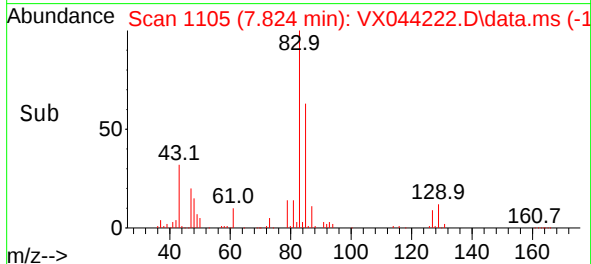
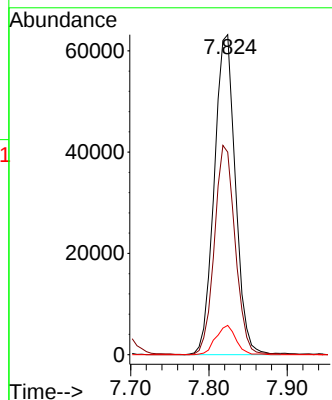
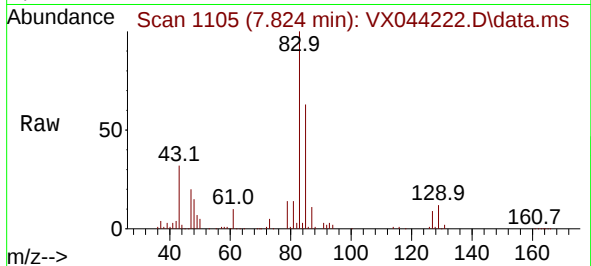




#47
Bromodichloromethane
Concen: 54.607 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

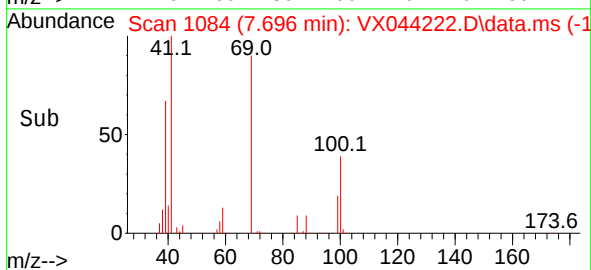
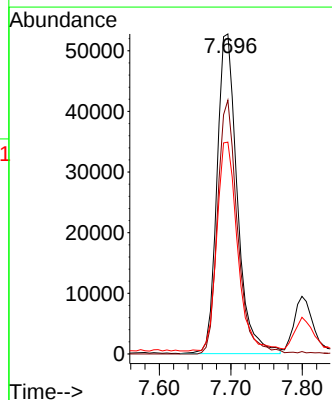
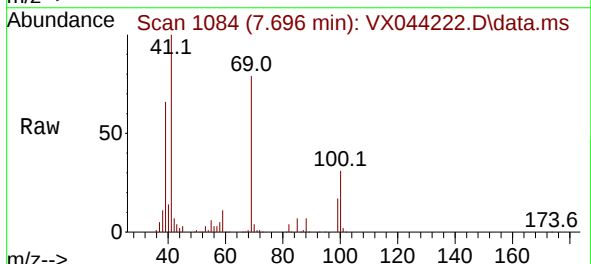
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

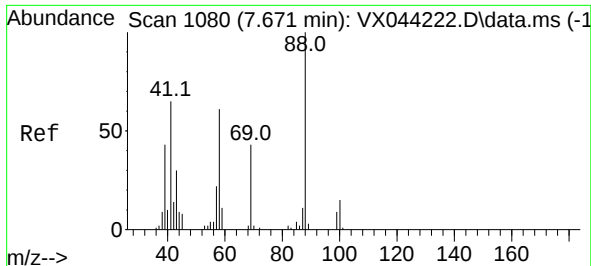
Tgt Ion: 83 Resp: 118634
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 9.1 7.3 10.9



#48
Methyl methacrylate
Concen: 52.909 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 41 Resp: 103726
Ion Ratio Lower Upper
41 100
69 78.0 62.4 93.6
39 66.6 53.3 79.9

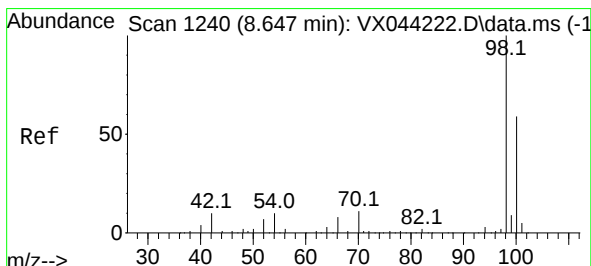
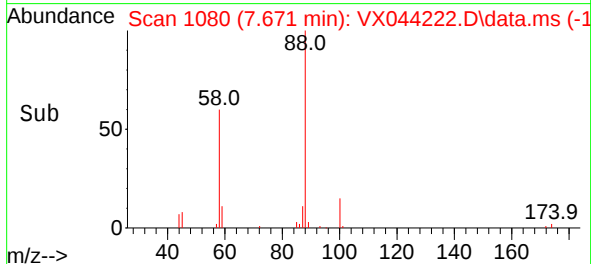
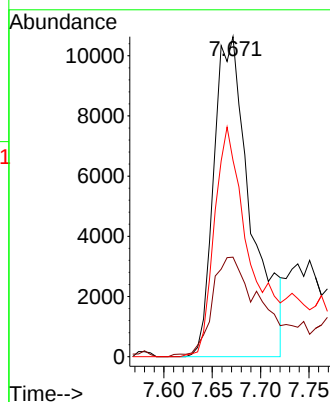
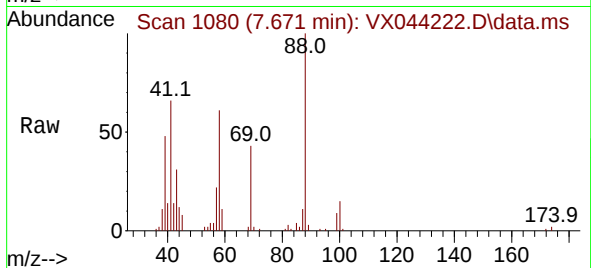




#49
1,4-Dioxane
Concen: 843.658 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

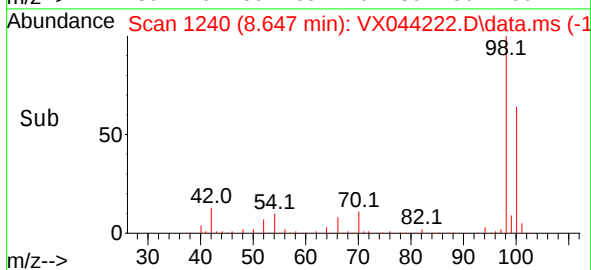
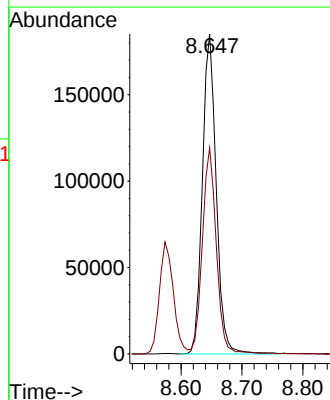
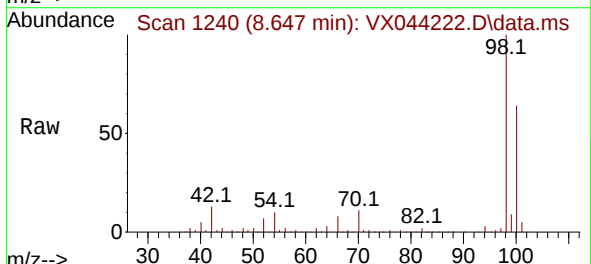
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

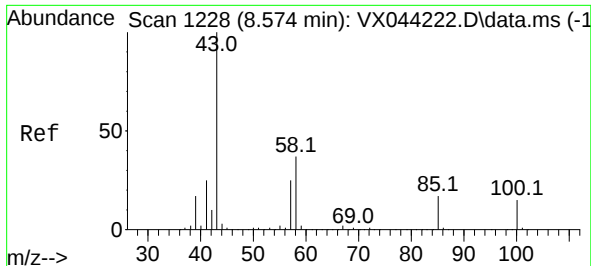
Tgt Ion: 88 Resp: 28266
Ion Ratio Lower Upper
88 100
43 45.2 27.1 40.7#
58 68.3 41.0 61.4#



#50
Toluene-d8
Concen: 53.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 98 Resp: 292199
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

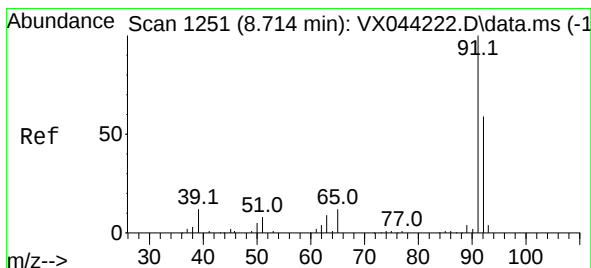
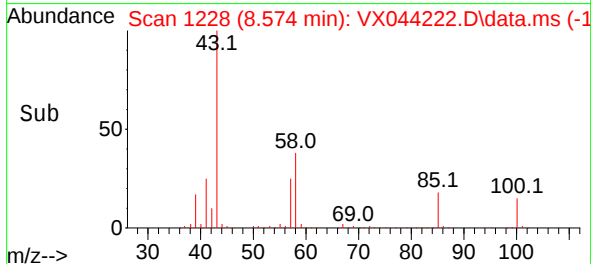
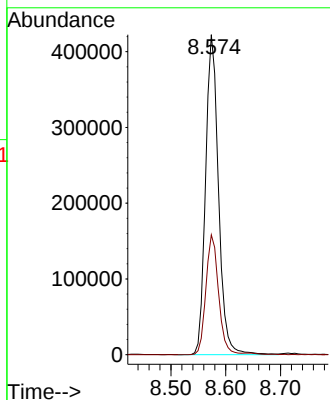
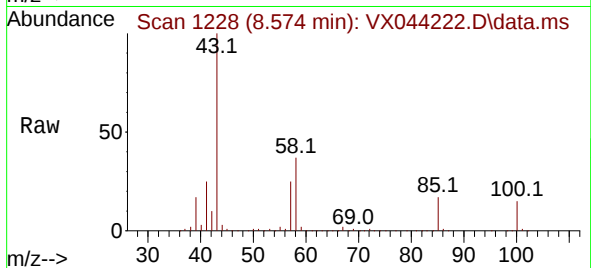




#51
4-Methyl-2-Pentanone
Concen: 265.203 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

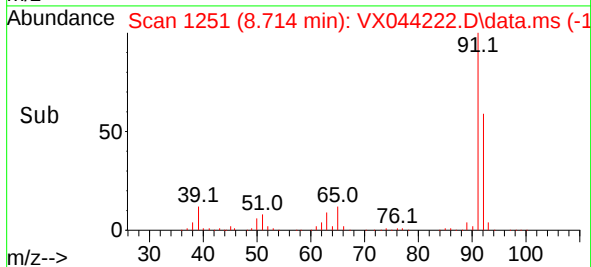
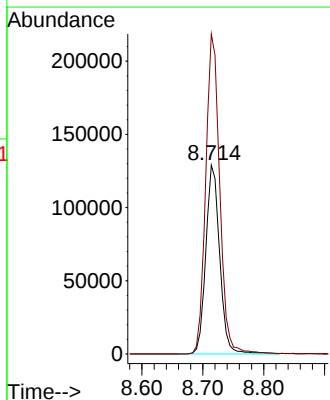
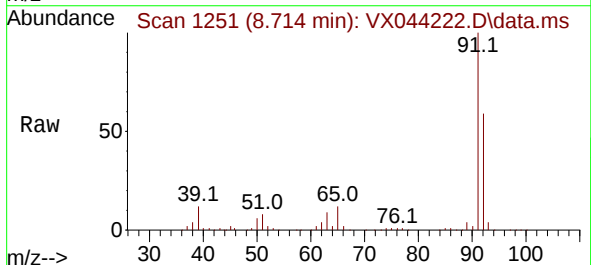
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

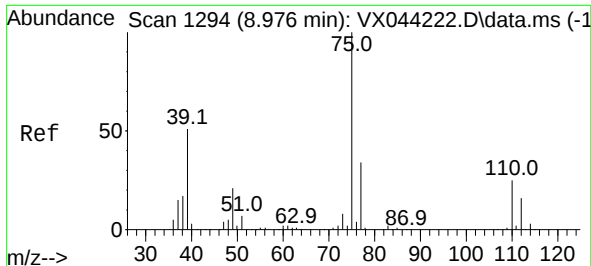
Tgt Ion: 43 Resp: 688666
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0



#52
Toluene
Concen: 51.370 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 92 Resp: 204738
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.6

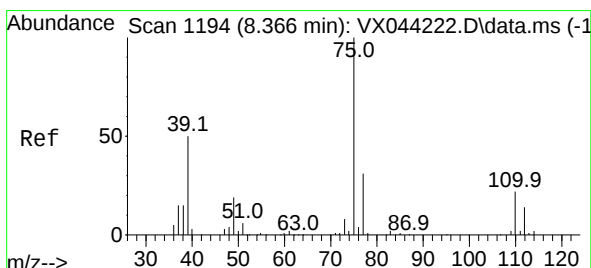
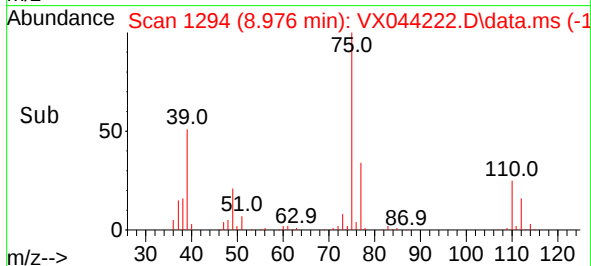
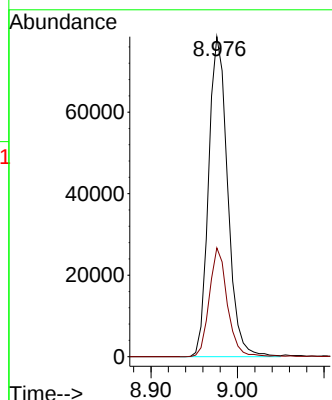
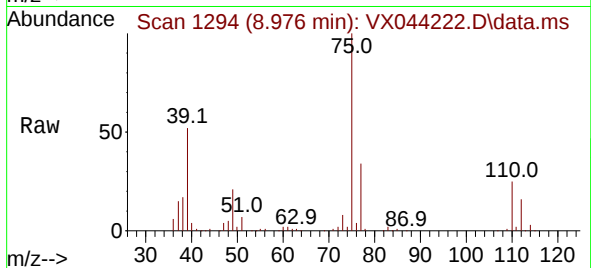




#53
 t-1,3-Dichloropropene
 Concen: 51.362 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

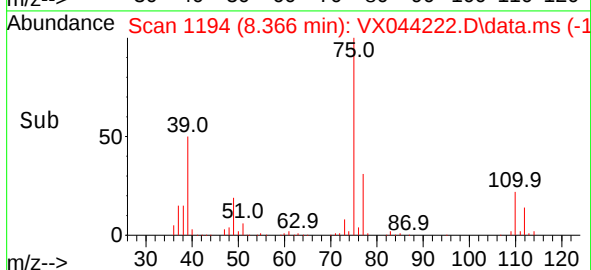
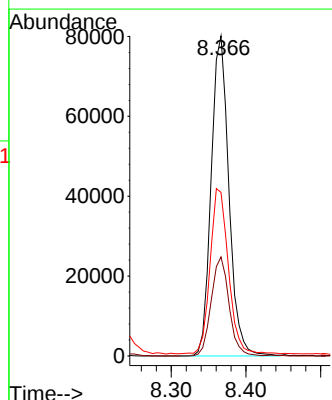
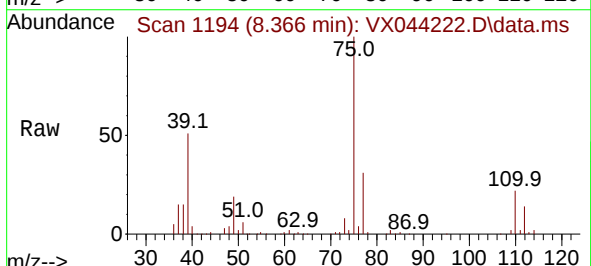
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

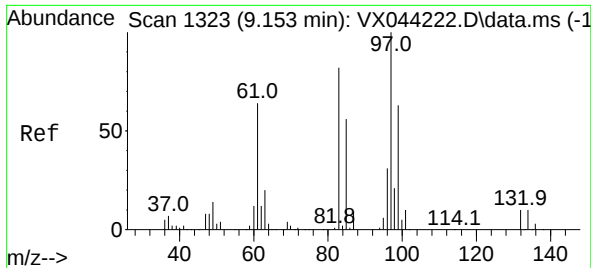
Tgt Ion: 75 Resp: 120007
 Ion Ratio Lower Upper
 75 100
 77 34.0 27.2 40.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.923 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 132286
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 50.4 40.3 60.5

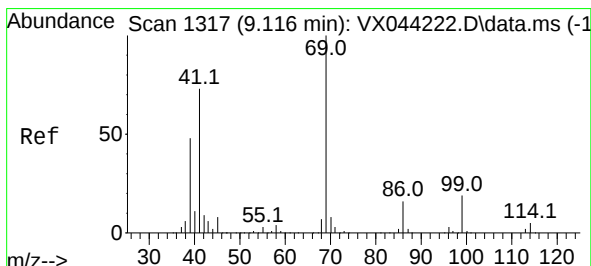
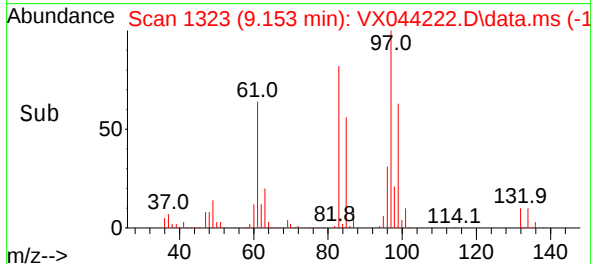
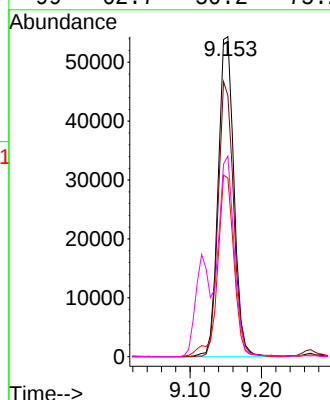
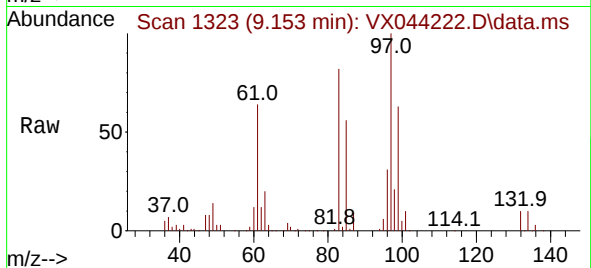




#55
1,1,2-Trichloroethane
Concen: 52.729 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

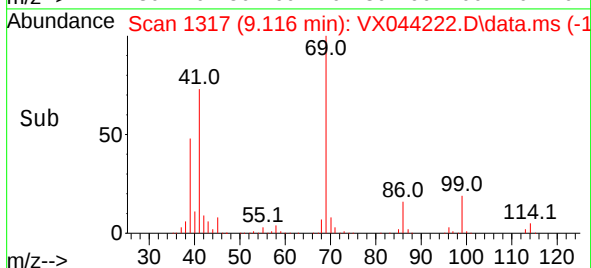
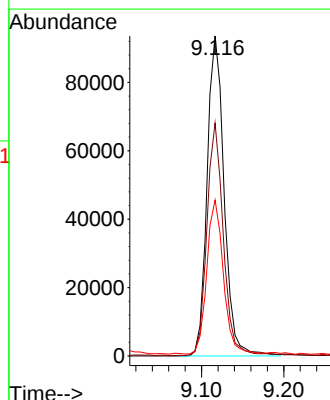
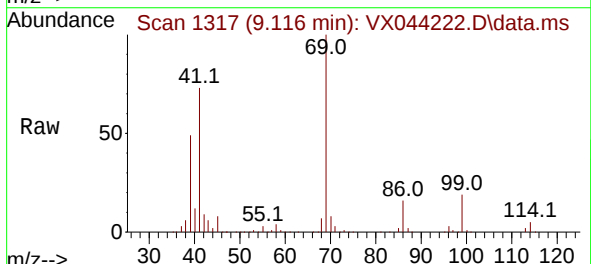
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

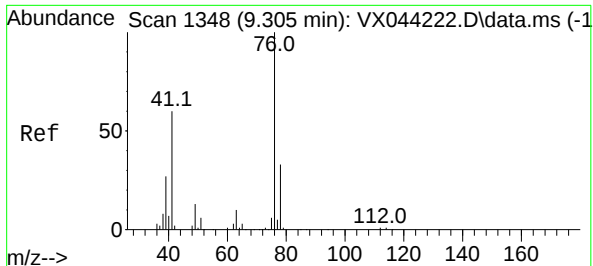
Tgt Ion:	97	Resp:	83488
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	55.8	44.6	67.0
99	62.7	50.2	75.2



#56
Ethyl methacrylate
Concen: 53.917 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:	69	Resp:	134770
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	46.7	37.4	56.0

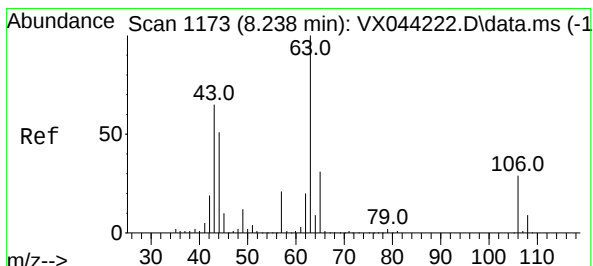
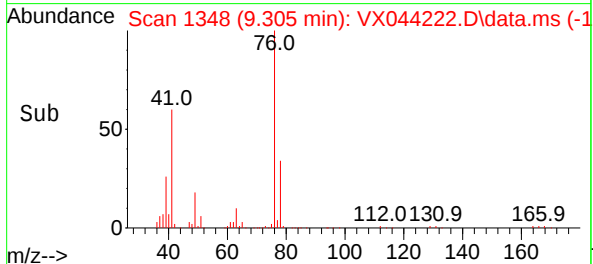
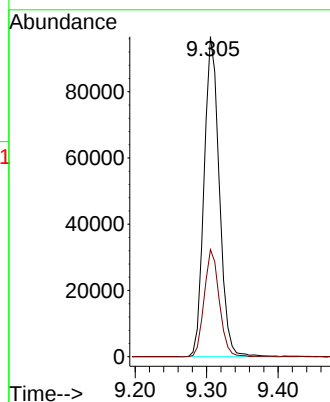
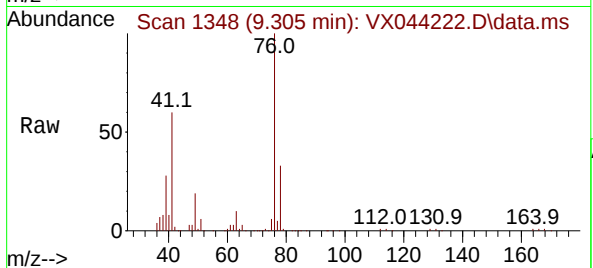




#57
1,3-Dichloropropane
Concen: 51.904 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

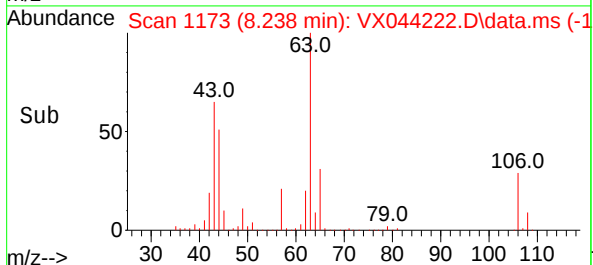
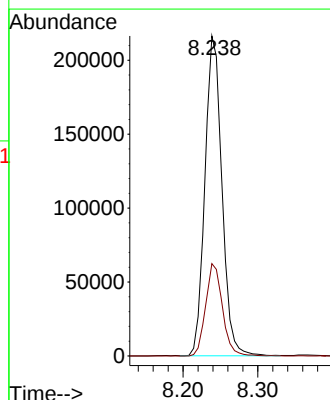
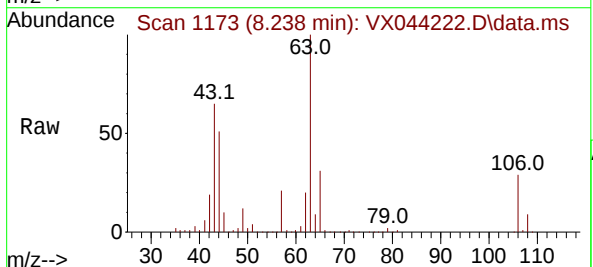
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

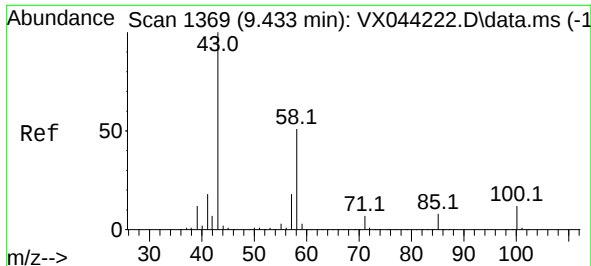
Tgt Ion: 76 Resp: 143044
Ion Ratio Lower Upper
76 100
78 33.1 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 271.745 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 63 Resp: 342592
Ion Ratio Lower Upper
63 100
106 28.5 22.8 34.2





#59

2-Hexanone

Concen: 272.881 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

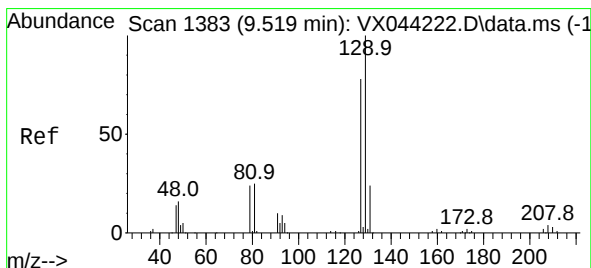
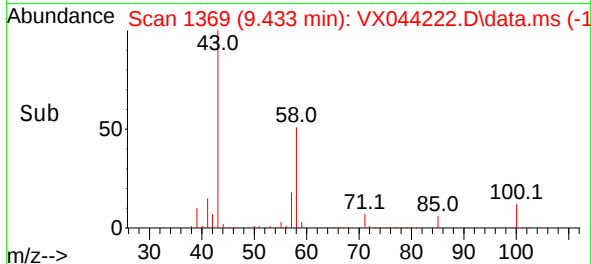
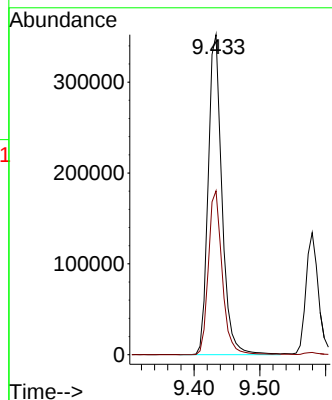
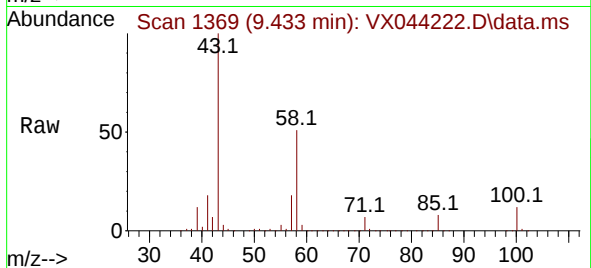
VSTDICCC050

Tgt Ion: 43 Resp: 512906

Ion Ratio Lower Upper

43 100

58 51.3 25.7 77.0



#60

Dibromochloromethane

Concen: 51.400 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044222.D

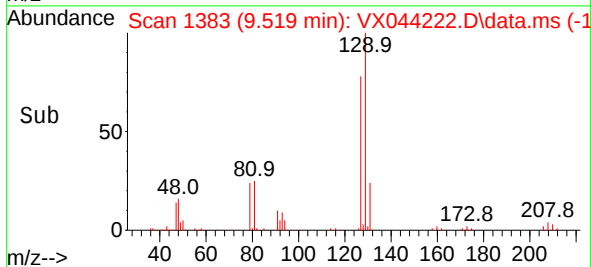
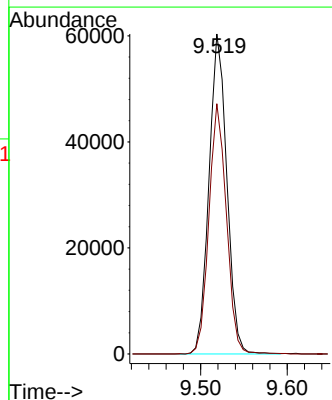
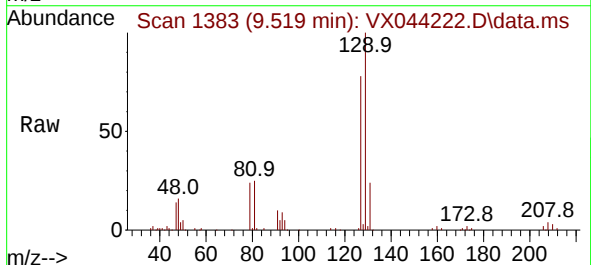
Acq: 11 Dec 2024 12:14

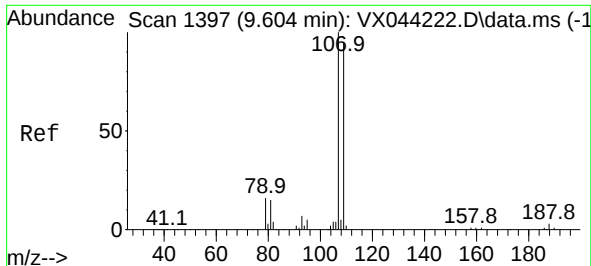
Tgt Ion: 129 Resp: 86352

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.454 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

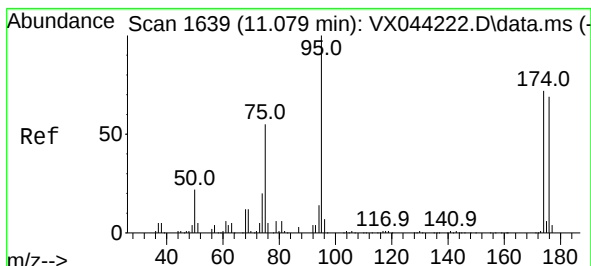
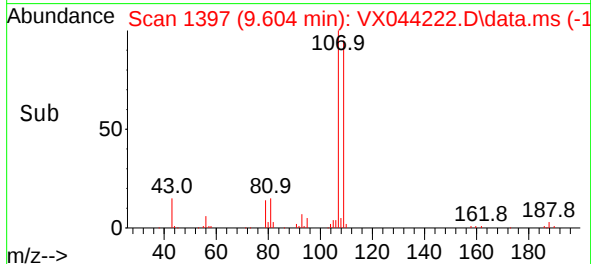
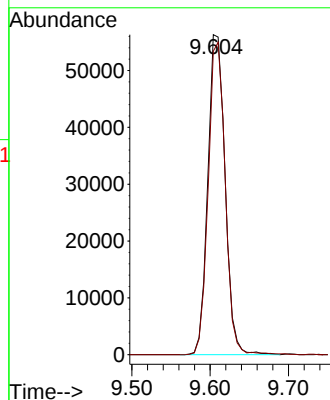
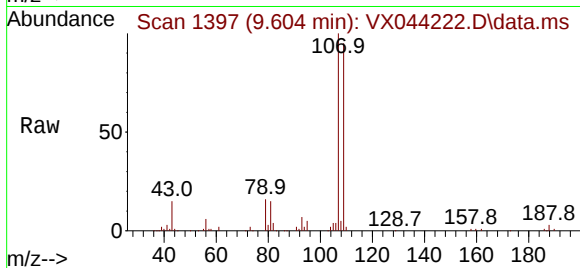
VSTDICCC050

Tgt Ion:107 Resp: 86150

Ion Ratio Lower Upper

107 100

109 96.2 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 54.123 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

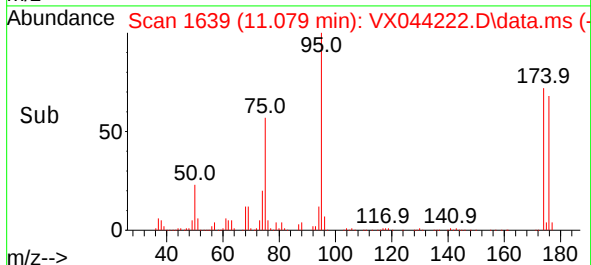
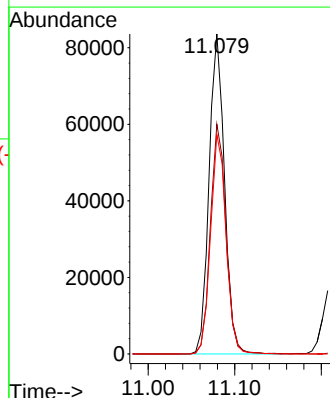
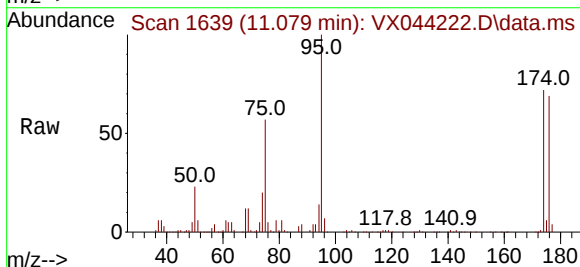
Tgt Ion: 95 Resp: 103178

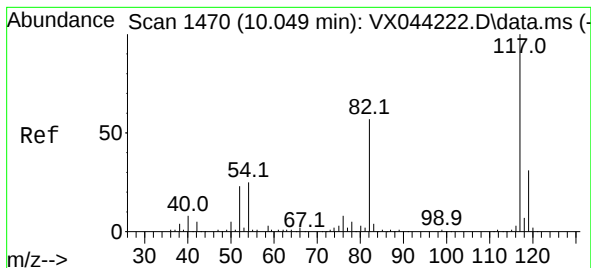
Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.8

176 68.9 0.0 137.8

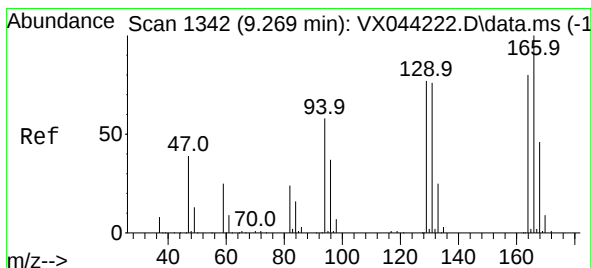
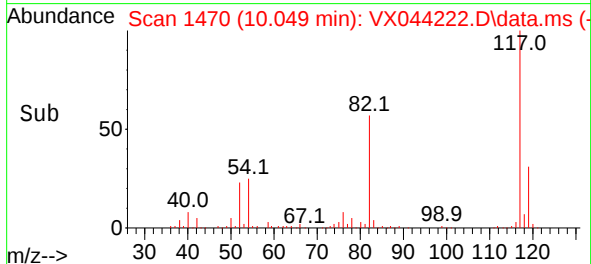
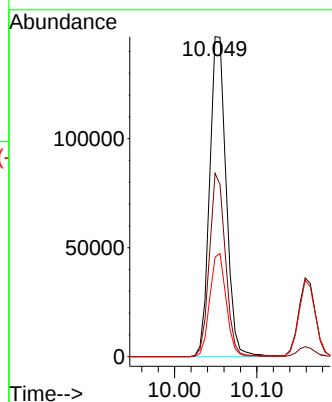
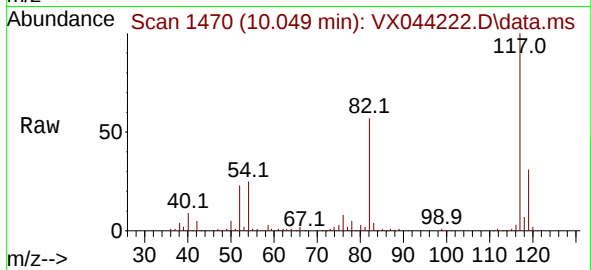




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

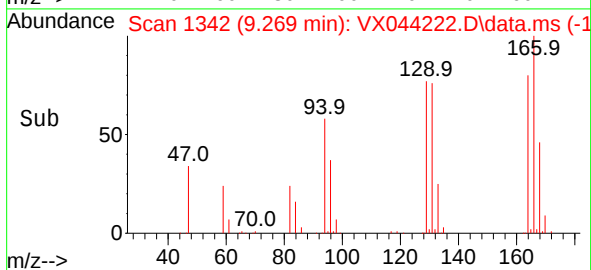
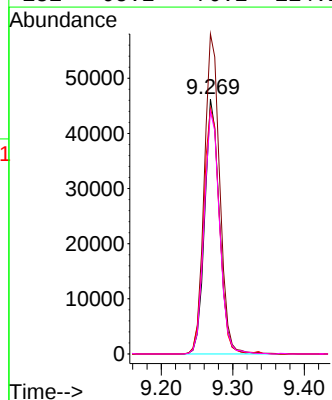
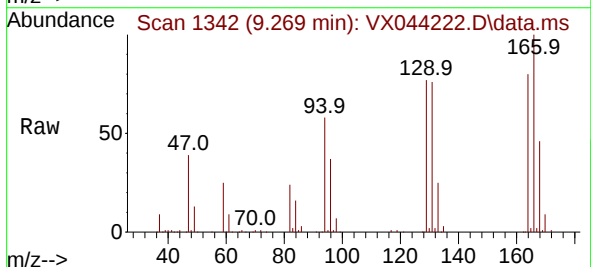
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

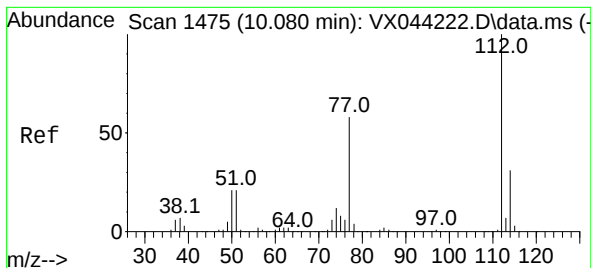
Tgt Ion:117 Resp: 205196
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 48.379 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:164 Resp: 65888
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 96.5 77.2 115.8
131 95.2 76.2 114.2





#65

Chlorobenzene

Concen: 50.779 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

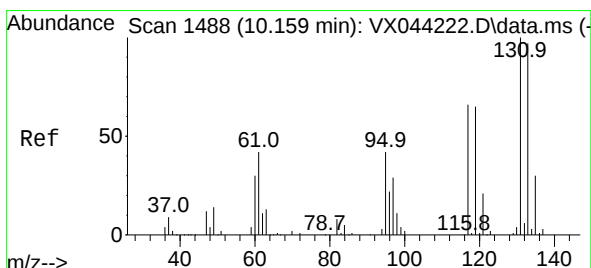
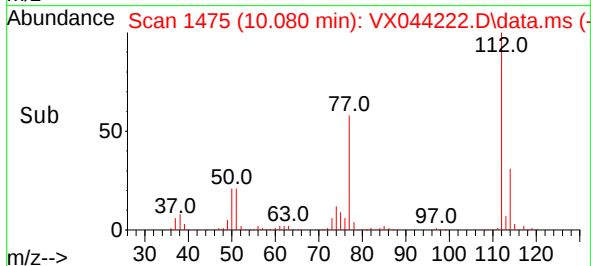
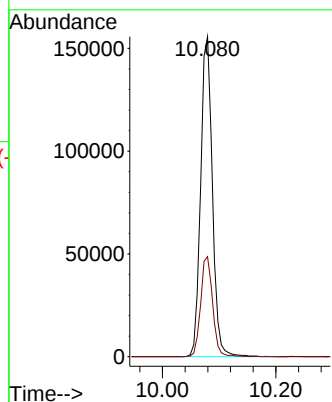
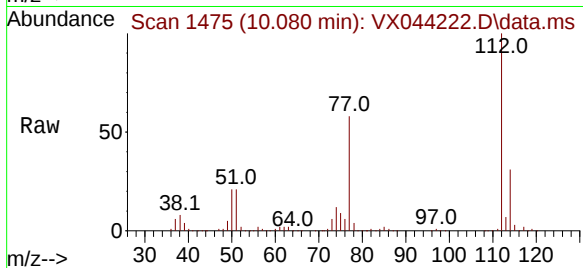
VSTDICCC050

Tgt Ion:112 Resp: 223269

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.396 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

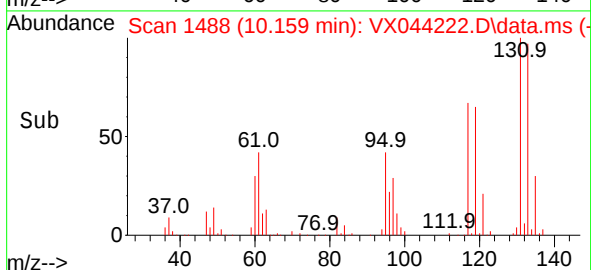
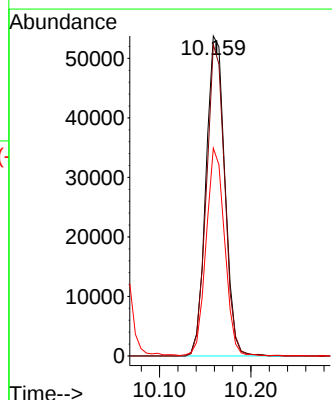
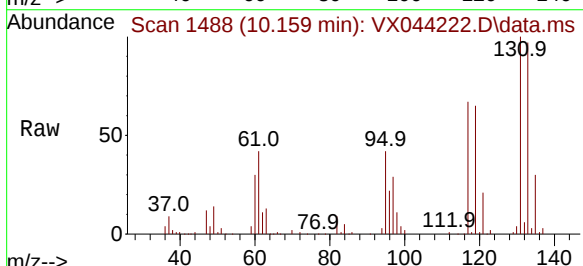
Tgt Ion:131 Resp: 76867

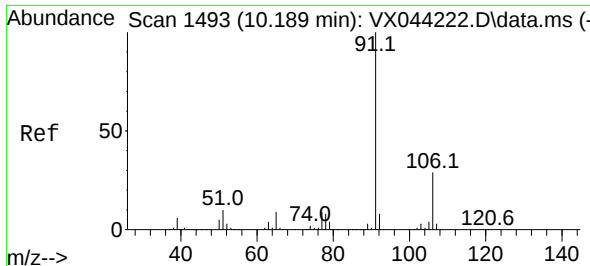
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 52.050 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

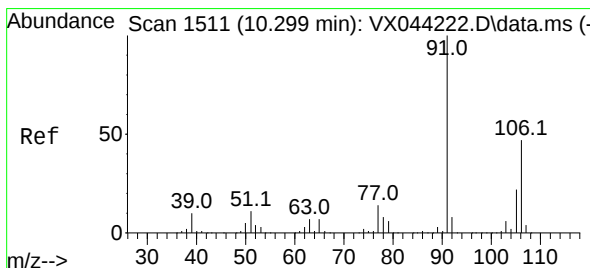
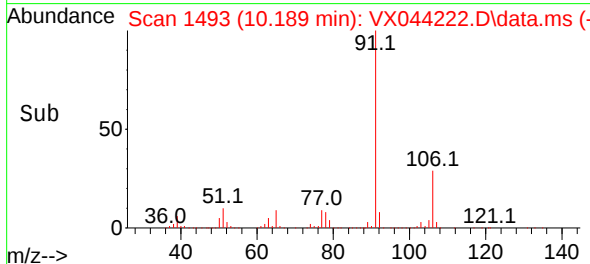
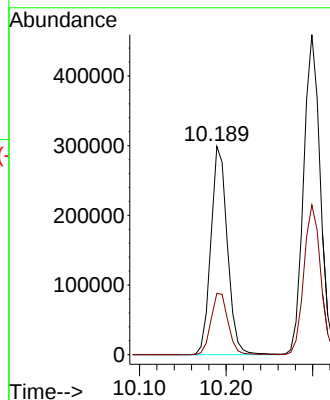
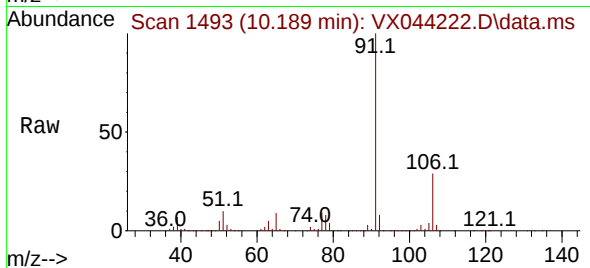
VSTDICCC050

Tgt Ion: 91 Resp: 395430

Ion Ratio Lower Upper

91 100

106 29.4 23.5 35.3



#68

m/p-Xylenes

Concen: 104.094 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044222.D

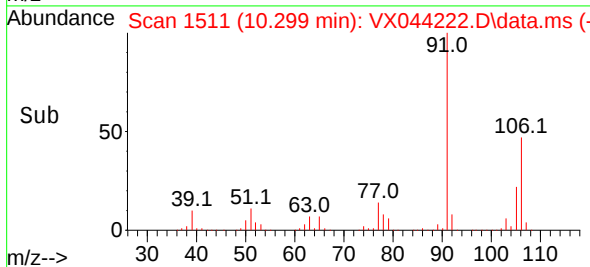
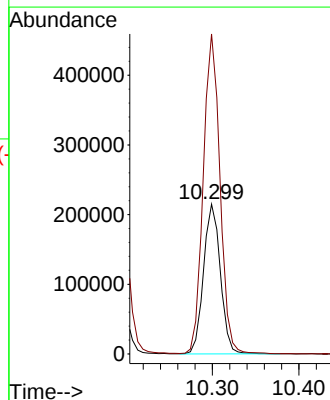
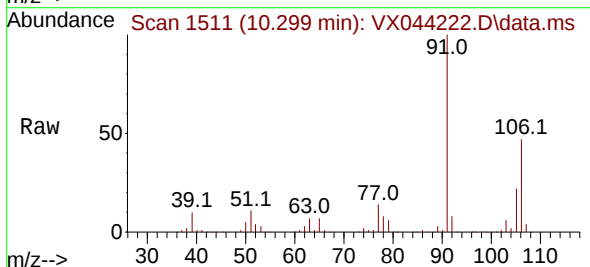
Acq: 11 Dec 2024 12:14

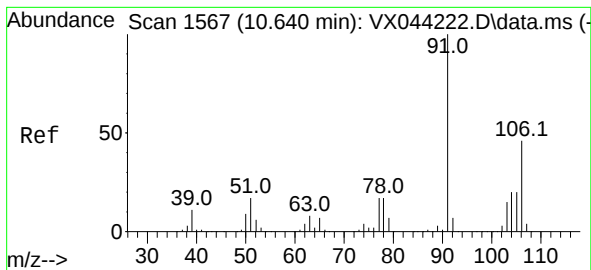
Tgt Ion:106 Resp: 290181

Ion Ratio Lower Upper

106 100

91 212.7 170.2 255.2

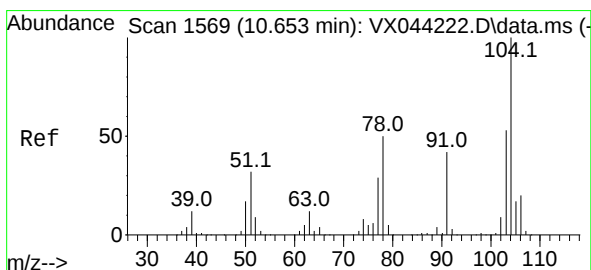
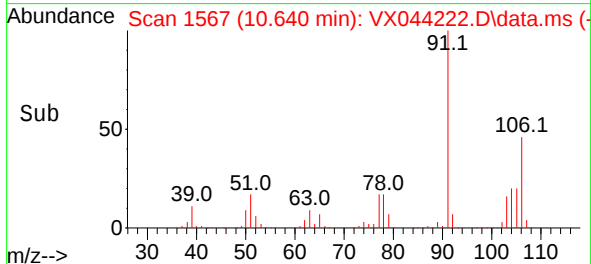
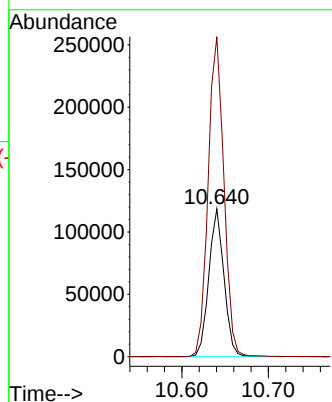
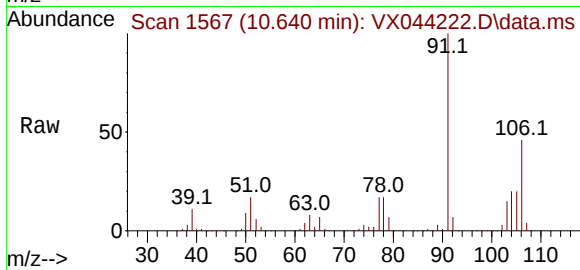




#69
o-Xylene
Concen: 51.141 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

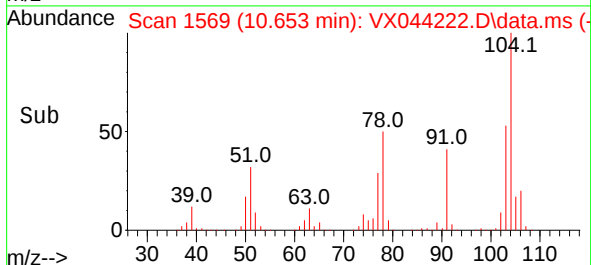
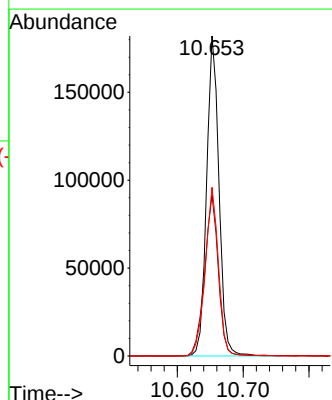
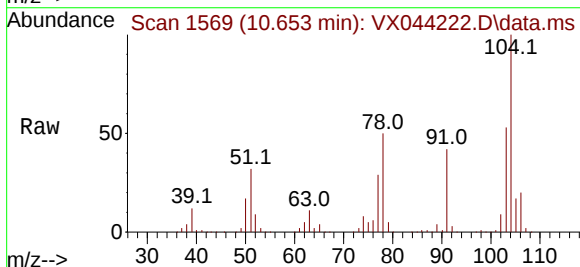
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

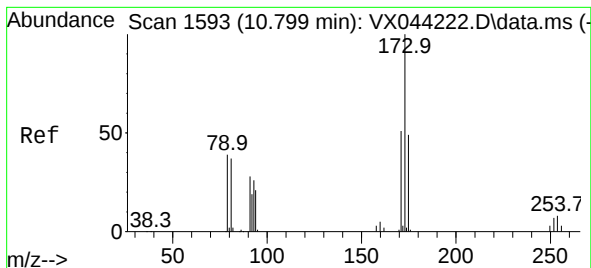
Tgt Ion:106 Resp: 144247
Ion Ratio Lower Upper
106 100
91 224.7 112.3 337.0



#70
Styrene
Concen: 52.719 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion:104 Resp: 238379
Ion Ratio Lower Upper
104 100
78 55.8 44.6 67.0
103 56.7 45.4 68.0





#71

Bromoform

Concen: 51.158 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

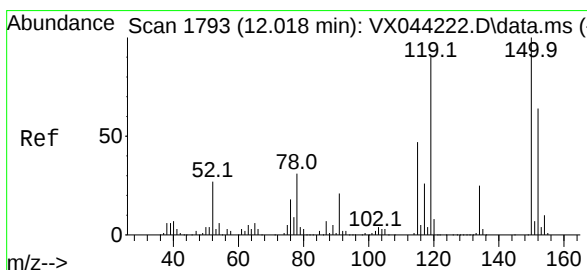
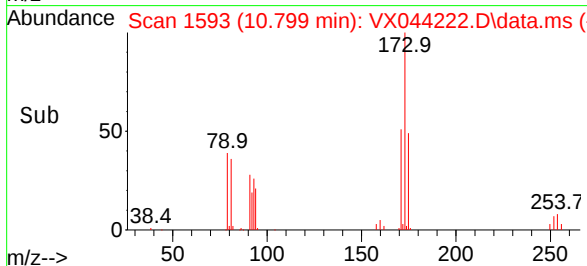
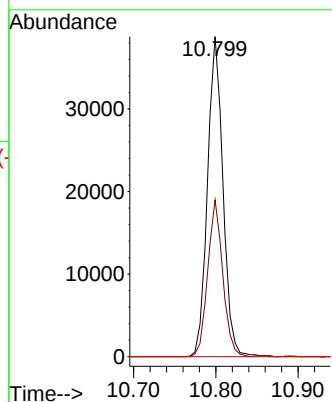
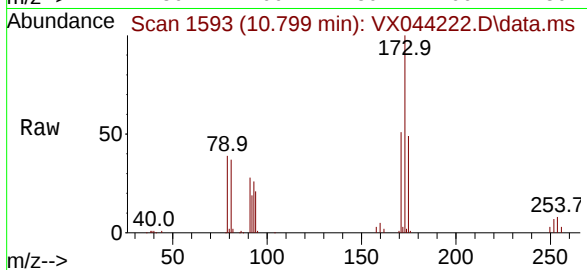
Tgt Ion:173 Resp: 50667

Ion Ratio Lower Upper

173 100

175 47.6 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: VX044222.D

Acq: 11 Dec 2024 12:14

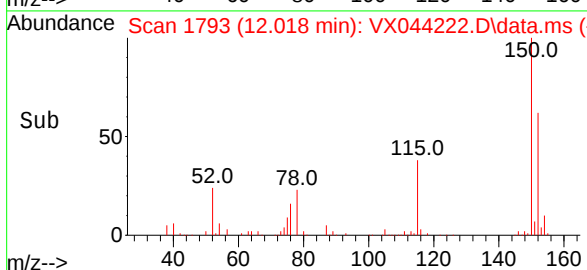
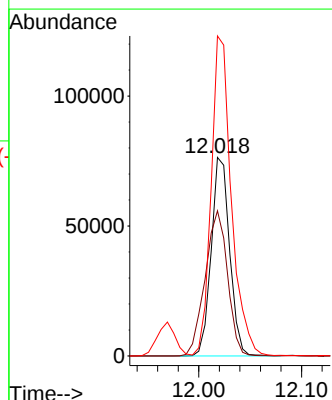
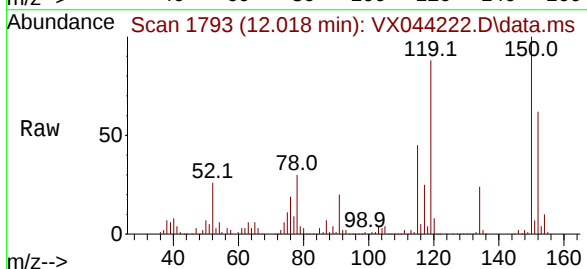
Tgt Ion:152 Resp: 95227

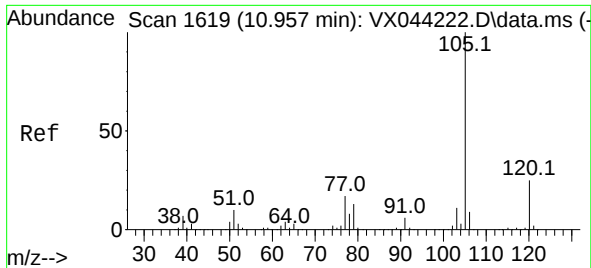
Ion Ratio Lower Upper

152 100

115 88.9 44.5 133.3

150 176.9 0.0 353.8

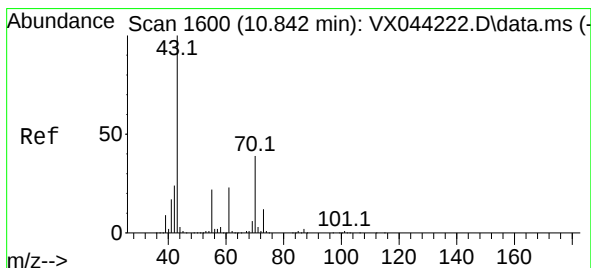
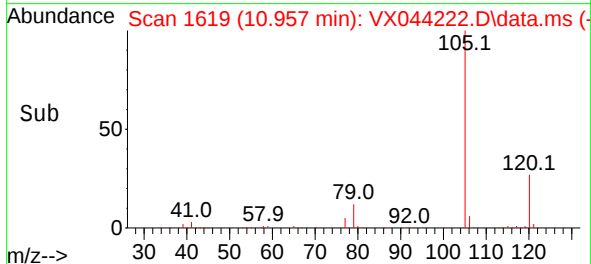
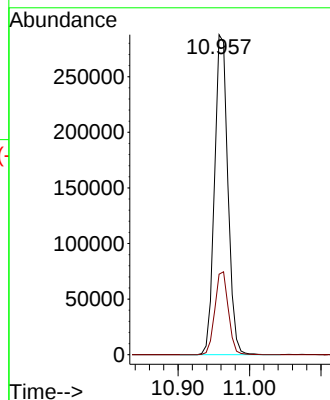
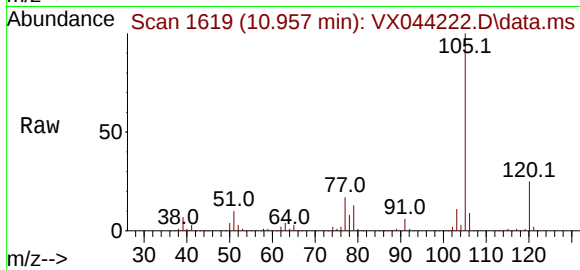




#73
Isopropylbenzene
Concen: 51.100 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

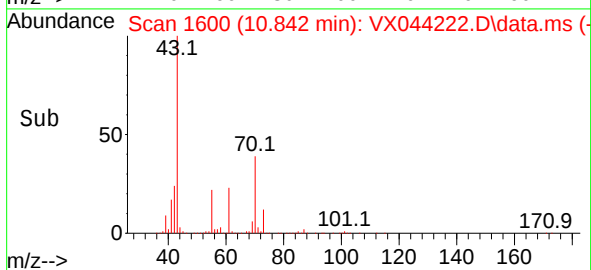
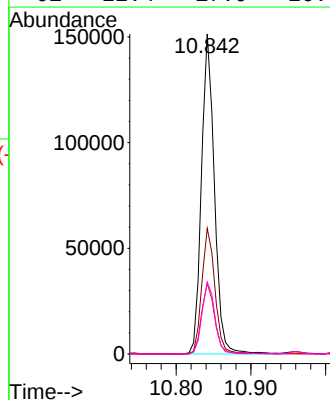
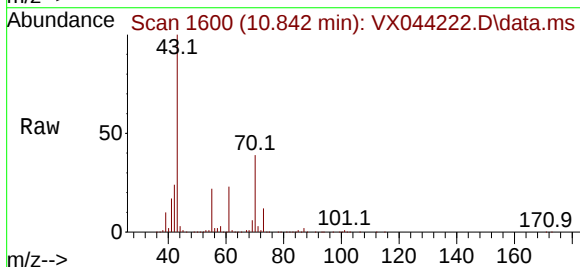
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

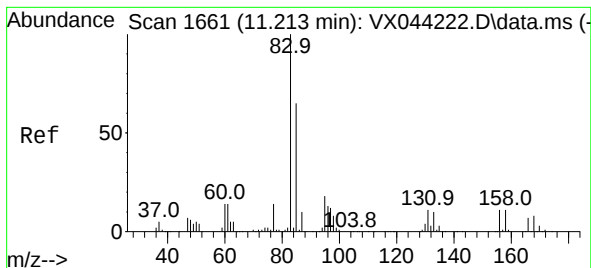
Tgt Ion:105 Resp: 372519
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 54.166 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 43 Resp: 182491
Ion Ratio Lower Upper
43 100
70 39.9 31.9 47.9
55 22.4 17.9 26.9
61 22.4 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.233 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

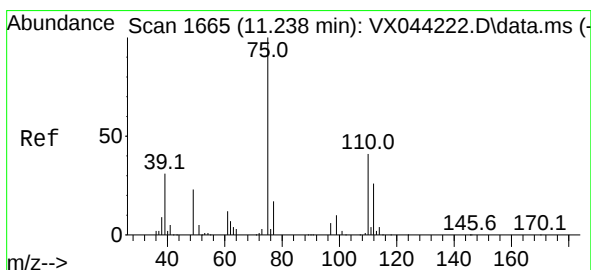
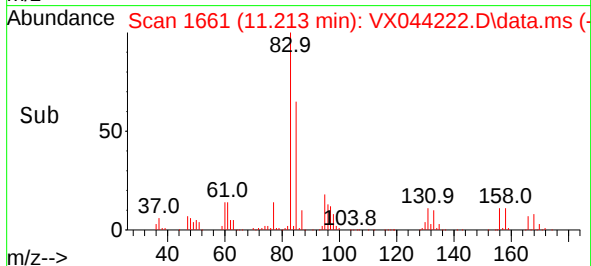
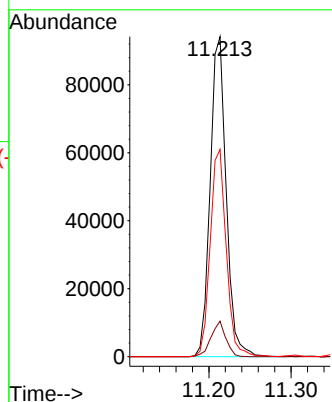
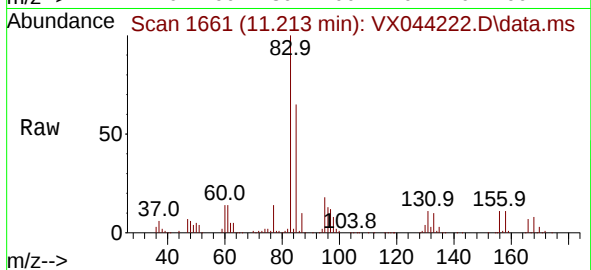
Tgt Ion: 83 Resp: 127193

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 64.698 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044222.D

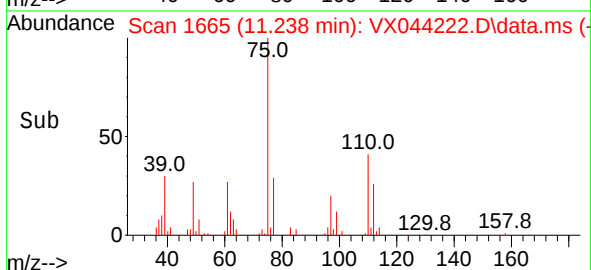
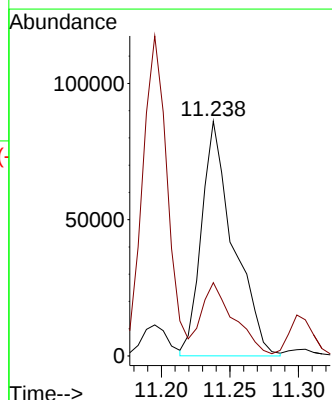
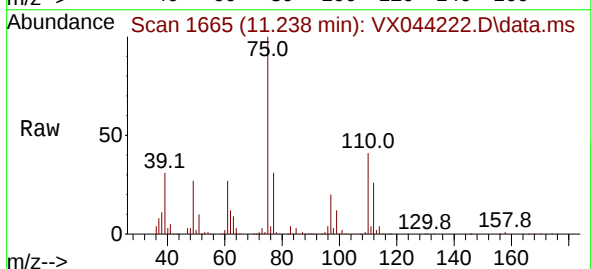
Acq: 11 Dec 2024 12:14

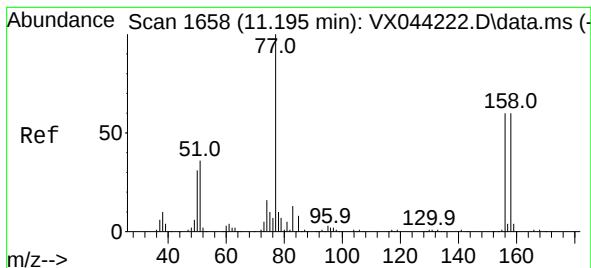
Tgt Ion: 75 Resp: 139805

Ion Ratio Lower Upper

75 100

77 32.0 20.9 62.7





#77

Bromobenzene

Concen: 50.734 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

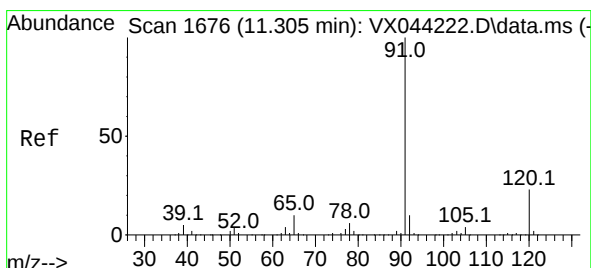
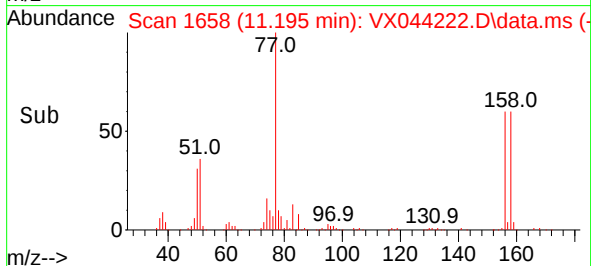
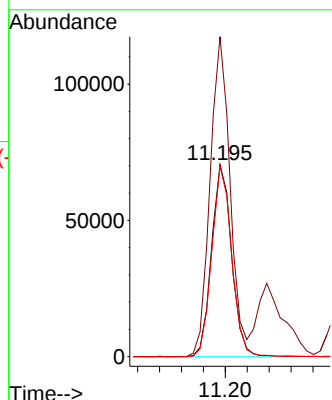
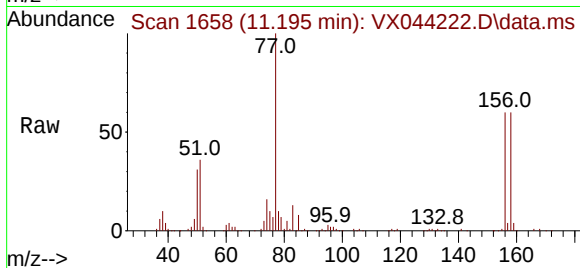
Tgt Ion:156 Resp: 89687

Ion Ratio Lower Upper

156 100

77 165.2 82.6 247.8

158 97.6 48.8 146.4



#78

n-propylbenzene

Concen: 53.211 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX044222.D

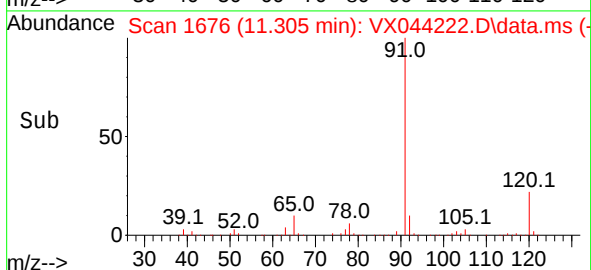
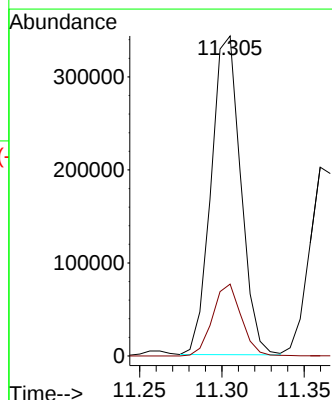
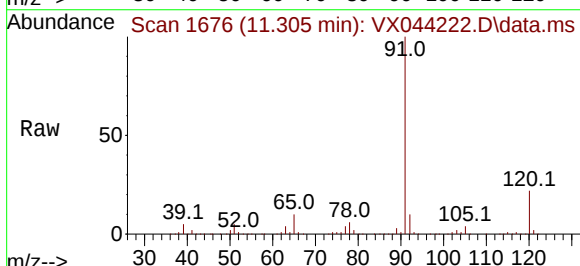
Acq: 11 Dec 2024 12:14

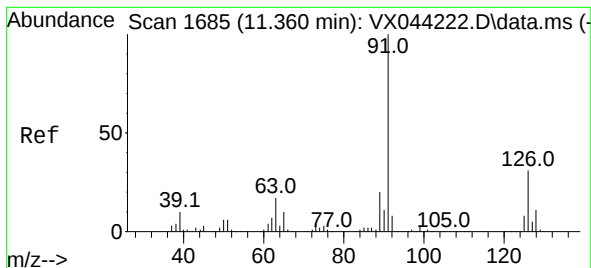
Tgt Ion: 91 Resp: 428741

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.634 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

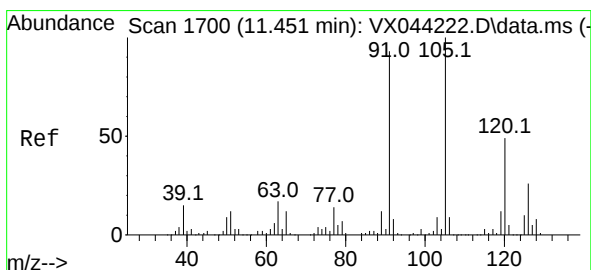
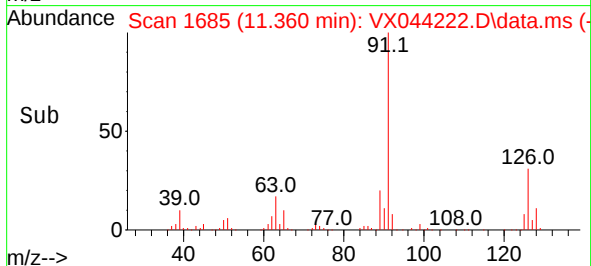
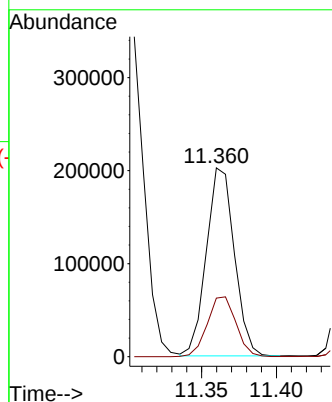
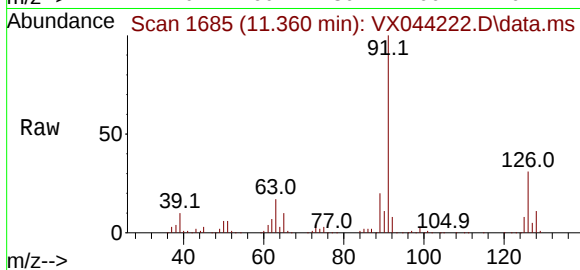
VSTDICCC050

Tgt Ion: 91 Resp: 263849

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 52.102 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044222.D

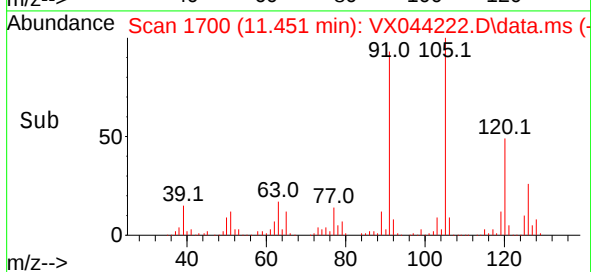
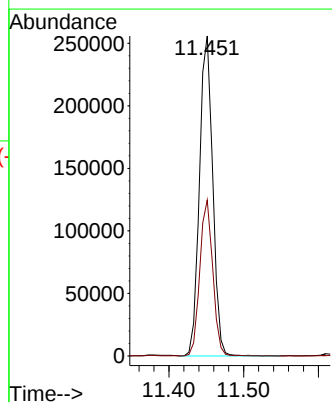
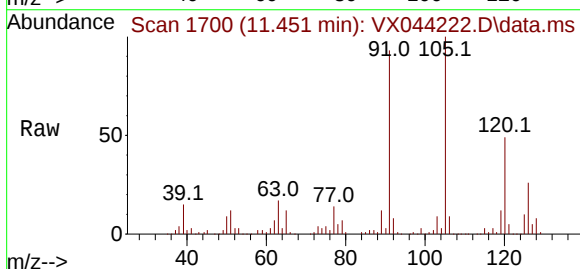
Acq: 11 Dec 2024 12:14

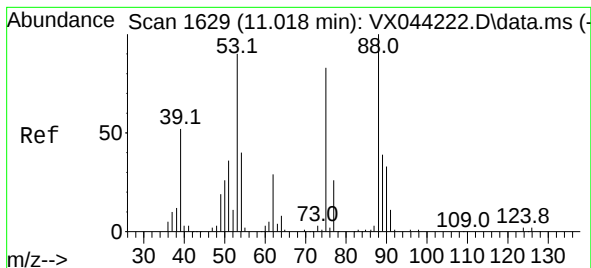
Tgt Ion:105 Resp: 314986

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.4

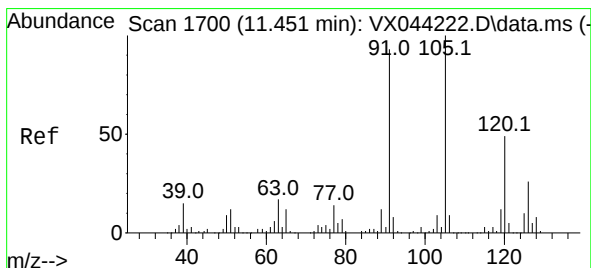
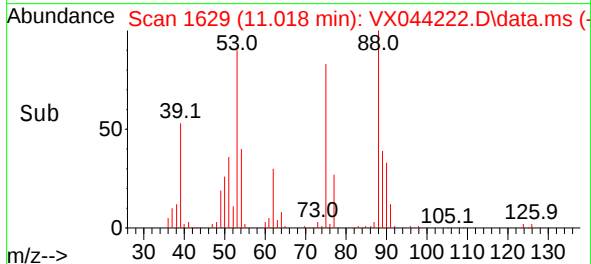
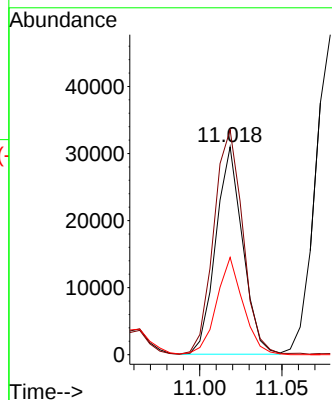
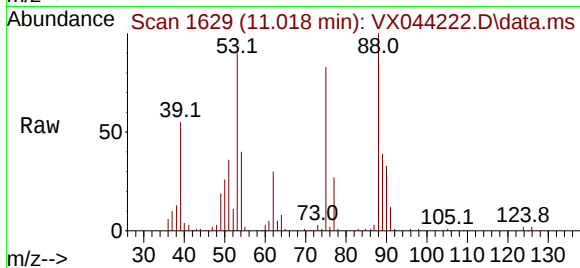




#81
trans-1,4-Dichloro-2-butene
Concen: 47.628 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

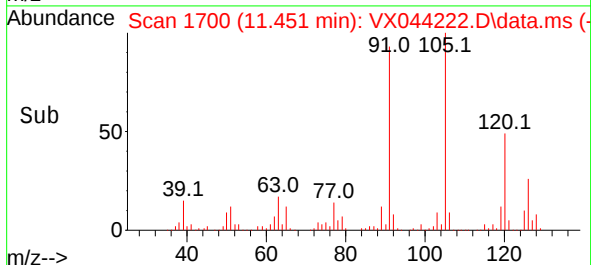
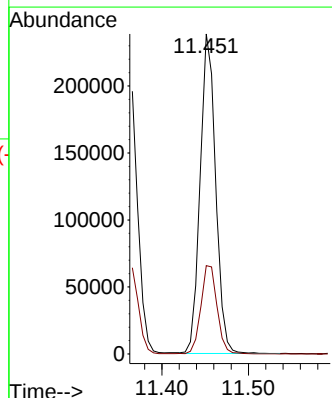
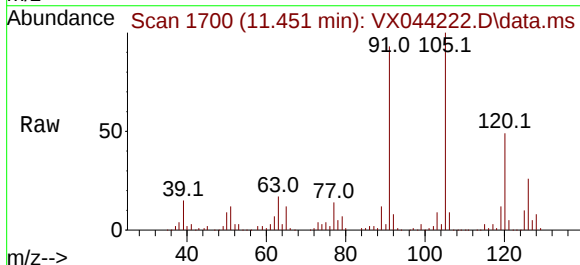
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

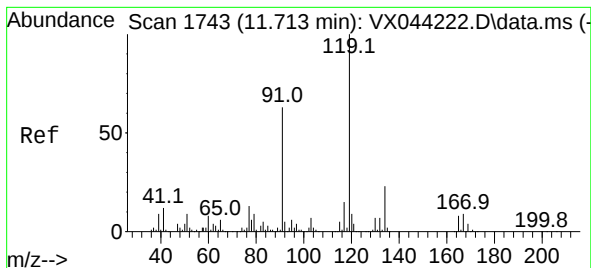
Tgt Ion: 75 Resp: 35119
Ion Ratio Lower Upper
75 100
53 117.0 93.6 140.4
89 46.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.387 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 91 Resp: 296520
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.5





#83

tert-Butylbenzene

Concen: 51.940 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

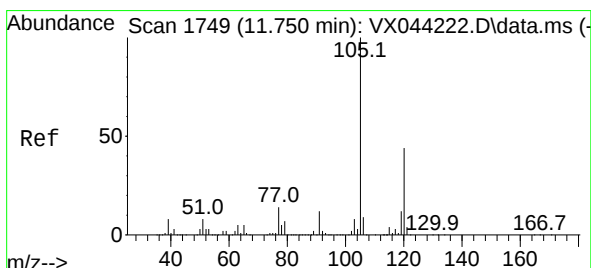
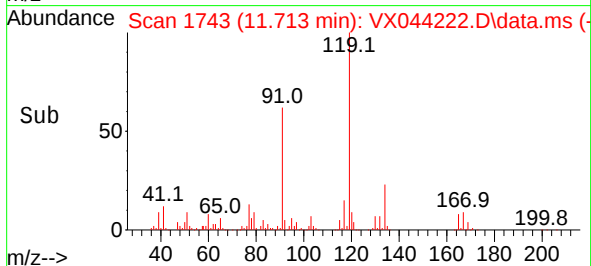
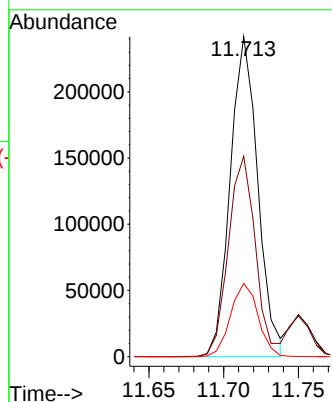
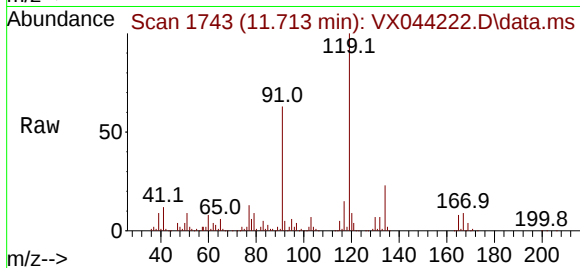
Tgt Ion:119 Resp: 310320

Ion Ratio Lower Upper

119 100

91 61.7 30.9 92.5

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 52.776 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044222.D

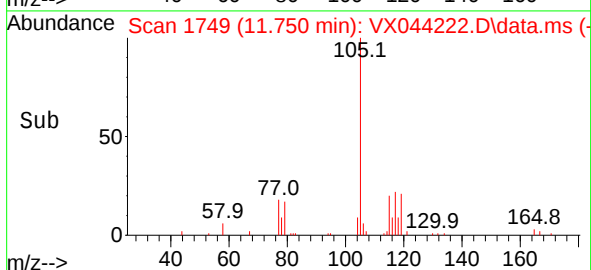
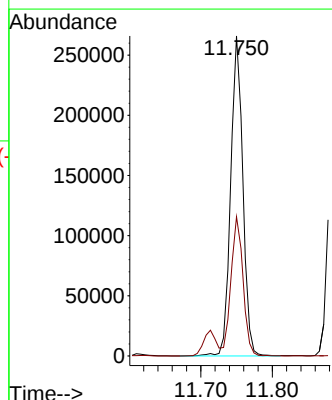
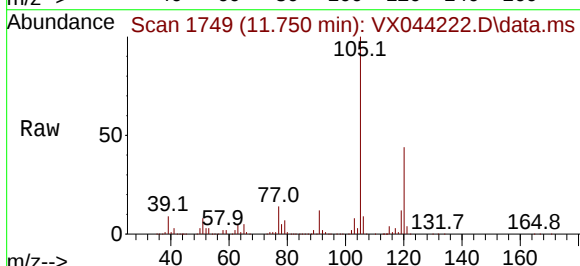
Acq: 11 Dec 2024 12:14

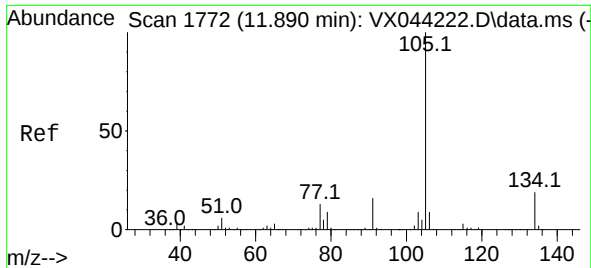
Tgt Ion:105 Resp: 313338

Ion Ratio Lower Upper

105 100

120 43.4 21.7 65.1

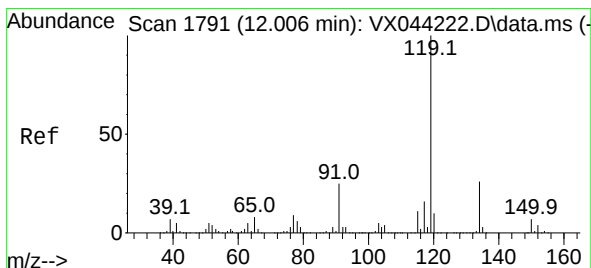
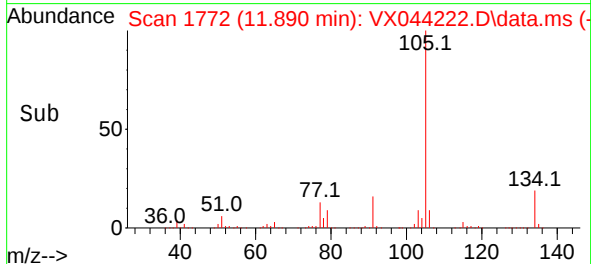
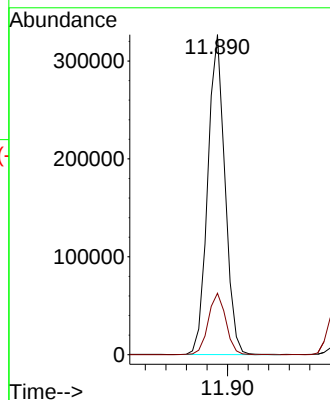
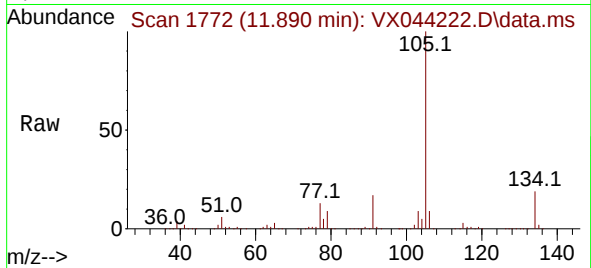




#85
 sec-Butylbenzene
 Concen: 52.329 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

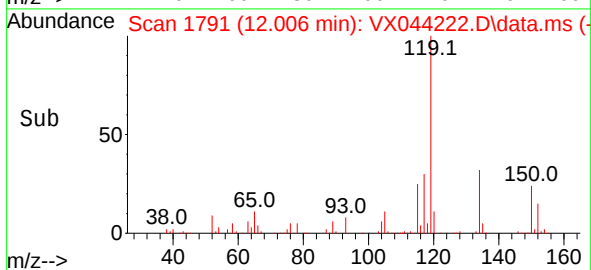
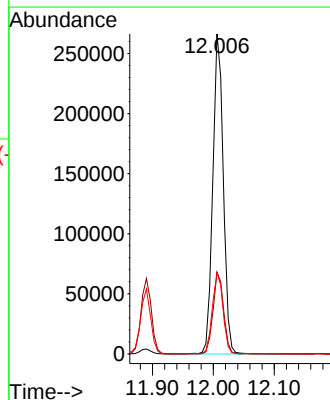
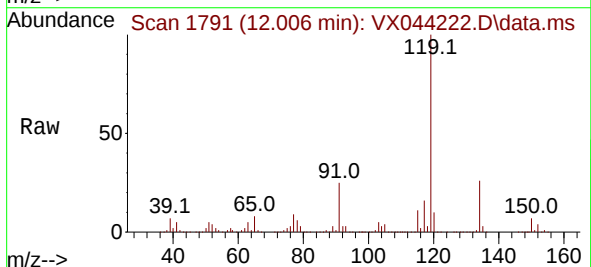
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

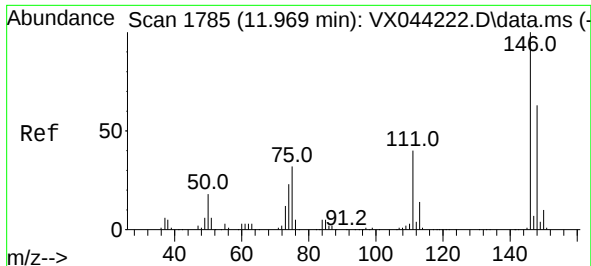
Tgt Ion:105 Resp: 379552
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.796 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044222.D
 Acq: 11 Dec 2024 12:14

Tgt Ion:119 Resp: 318721
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.887 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

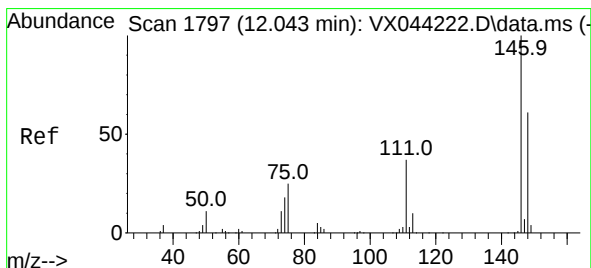
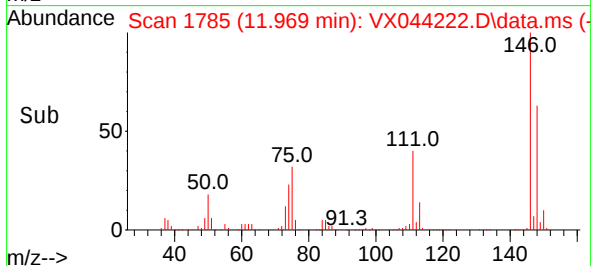
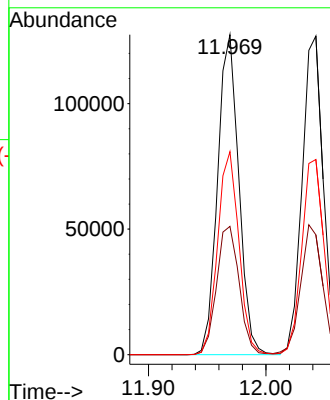
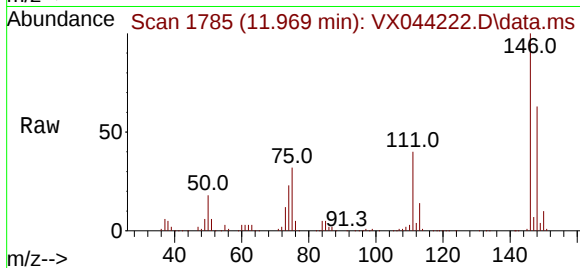
Tgt Ion:146 Resp: 160223

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.171 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

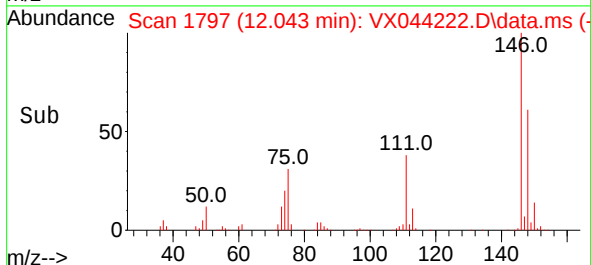
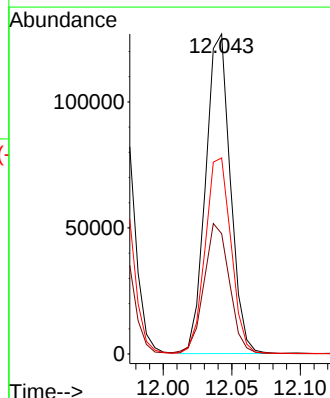
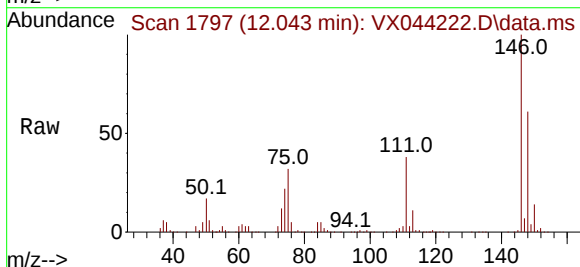
Tgt Ion:146 Resp: 159258

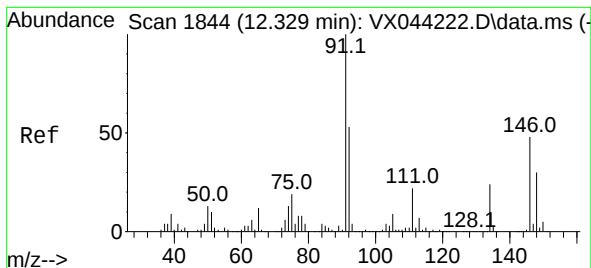
Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 53.354 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

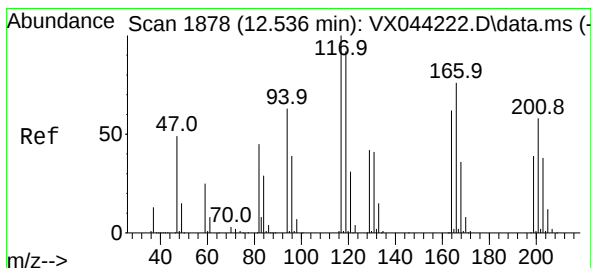
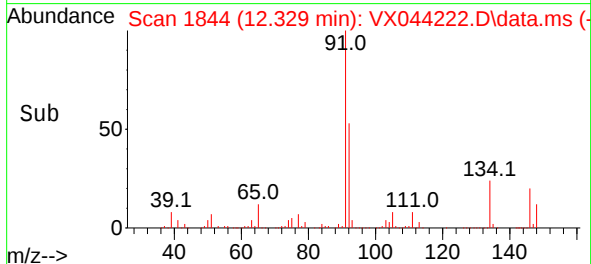
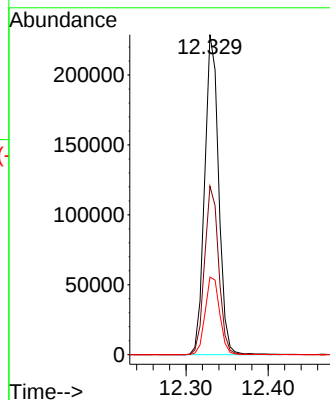
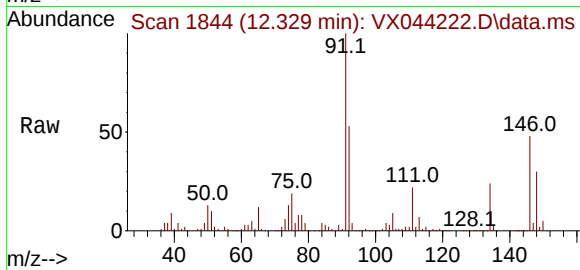
Tgt Ion: 91 Resp: 270840

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 54.813 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044222.D

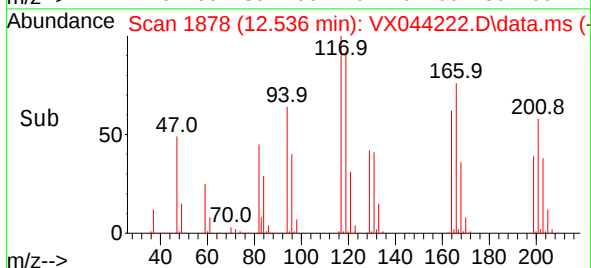
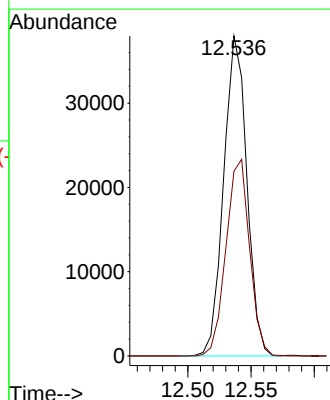
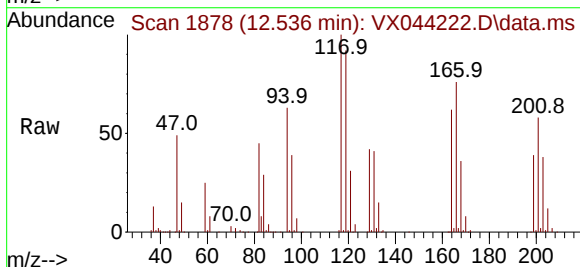
Acq: 11 Dec 2024 12:14

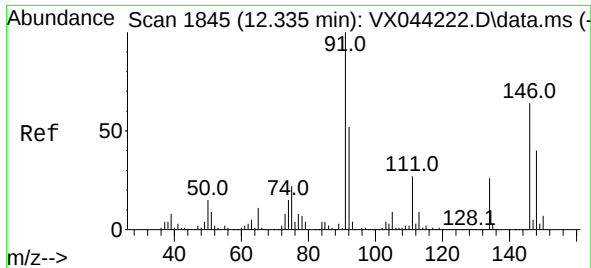
Tgt Ion: 117 Resp: 48303

Ion Ratio Lower Upper

117 100

201 62.8 31.4 94.2

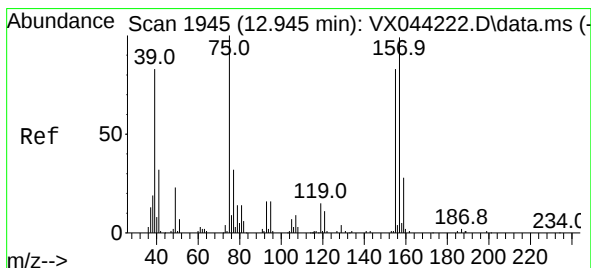
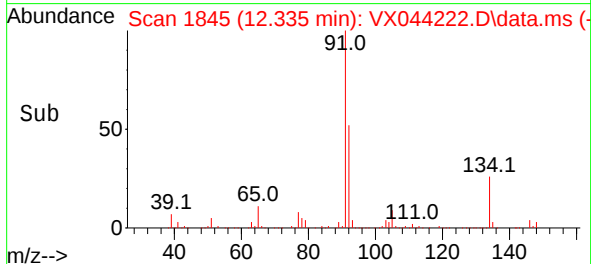
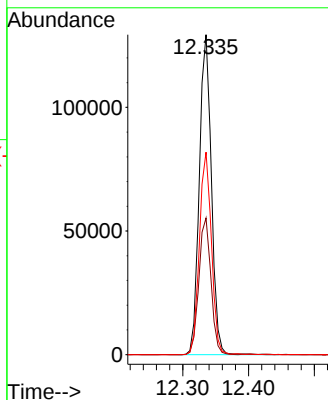
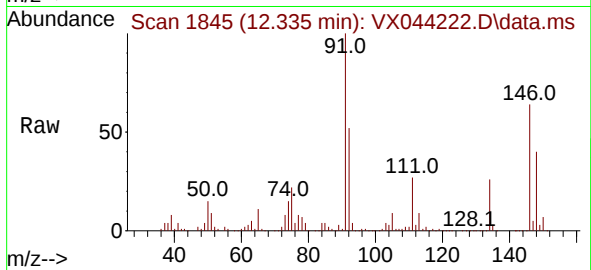




#91
1,2-Dichlorobenzene
Concen: 51.256 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

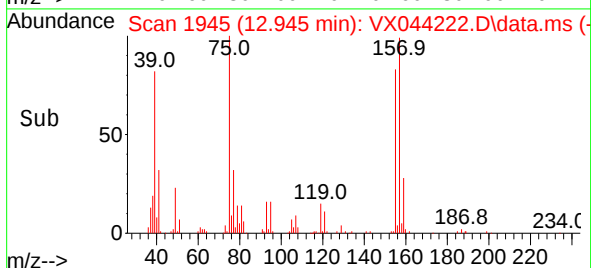
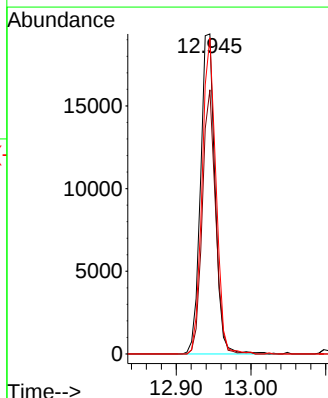
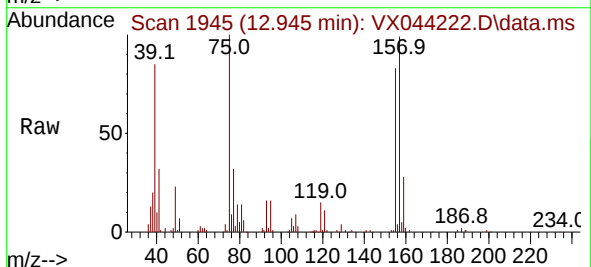
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

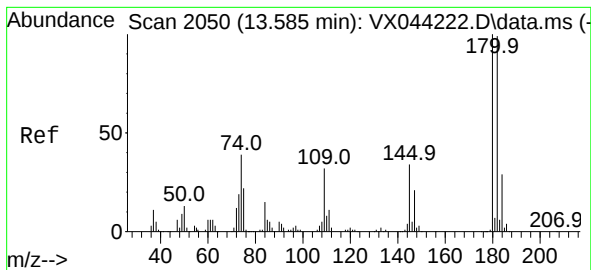
Tgt Ion:146 Resp: 164342
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 63.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.951 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX044222.D
Acq: 11 Dec 2024 12:14

Tgt Ion: 75 Resp: 26027
Ion Ratio Lower Upper
75 100
155 76.2 38.1 114.3
157 94.4 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 53.005 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

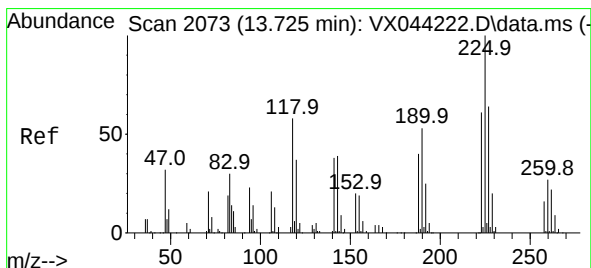
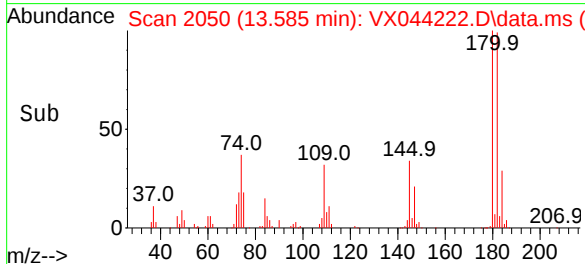
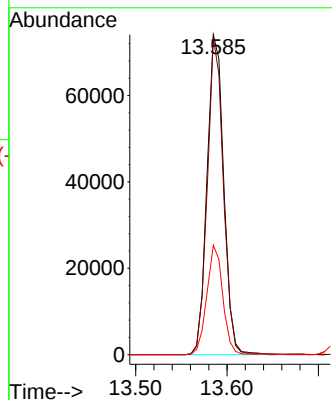
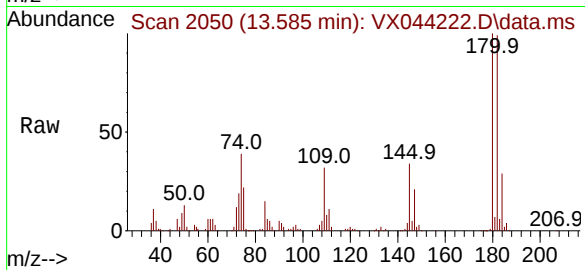
Tgt Ion:180 Resp: 93173

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 33.1 16.6 49.7



#94

Hexachlorobutadiene

Concen: 49.744 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

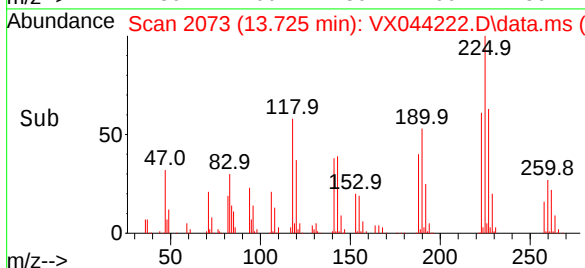
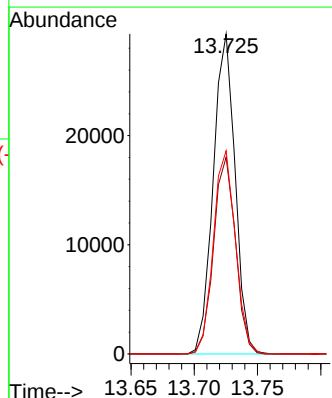
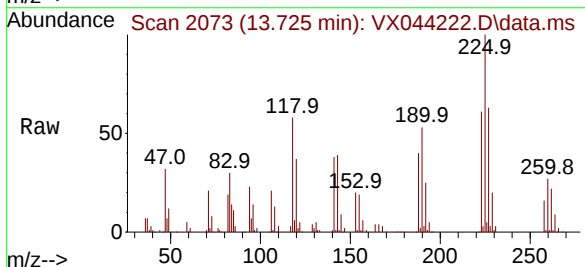
Tgt Ion:225 Resp: 35172

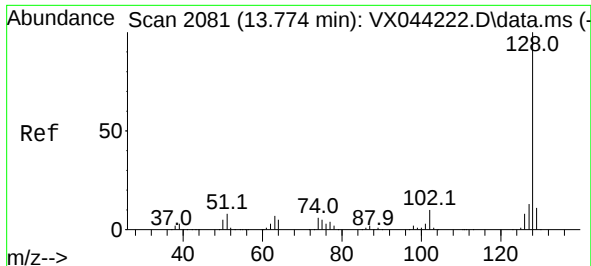
Ion Ratio Lower Upper

225 100

223 61.6 30.8 92.4

227 64.2 32.1 96.3





#95

Naphthalene

Concen: 53.230 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

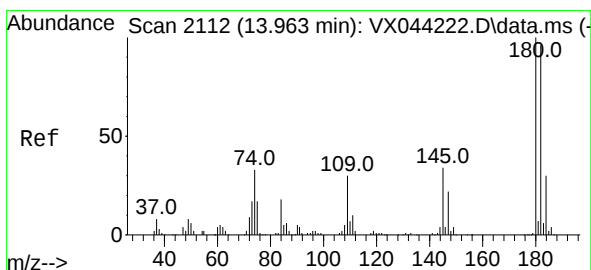
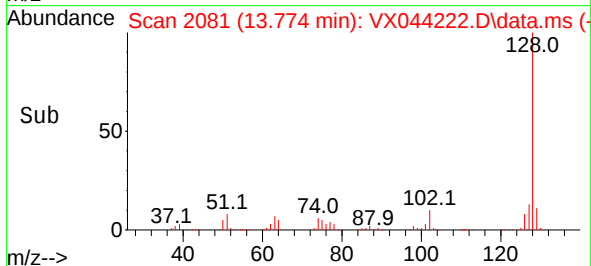
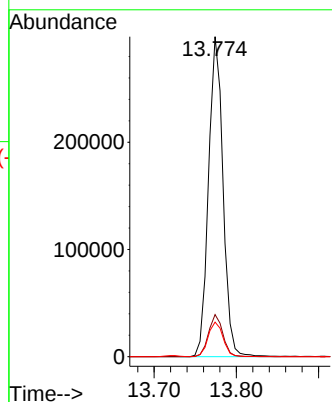
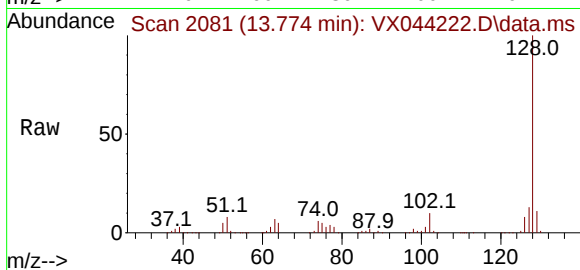
Tgt Ion:128 Resp: 365234

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.027 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044222.D

Acq: 11 Dec 2024 12:14

Tgt Ion:180 Resp: 97000

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 35.4 17.7 53.1

