

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027094.D
 Acq On : 17 Feb 2022 22:44
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Feb 18 04:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 04:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	14834	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	81463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	70595	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	32081	28.265	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.233%
60) 4-Bromofluorobenzene	11.085	95	34013	29.290	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.633%
63) Toluene-d8	8.653	98	95830	30.221	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	43119	48.574	ug/l	96
3) Chloromethane	1.294	50	40792	42.183	ug/l	99
4) Vinyl Chloride	1.374	62	41029	42.417	ug/l	96
5) Bromomethane	1.605	94	18832	34.000	ug/l	96
6) Chloroethane	1.685	64	24100	39.824	ug/l	97
7) Trichlorofluoromethane	1.886	101	63217	40.737	ug/l	96
8) Diethyl Ether	2.136	74	22599	40.753	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	43448	48.140	ug/l	99
10) 1,1-Dichloroethene	2.325	96	43088	49.134	ug/l	96
11) Methyl Iodide	2.453	142	61345	50.510	ug/l	99
12) Methyl Acetate	2.709	43	63610	48.940	ug/l	99
13) Acrolein	2.239	56	51245	337.742	ug/l	98
14) Acrylonitrile	3.068	53	140968	245.110	ug/l	100
15) Acetone	2.380	58	37926	228.676	ug/l	98
16) Carbon Disulfide	2.514	76	114521	52.244	ug/l	99
17) Allyl chloride	2.666	41	77298	48.176	ug/l	97
18) Methylene Chloride	2.794	84	48193	47.215	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	46433	49.404	ug/l	98
20) Diisopropyl ether	3.763	45	153422	47.821	ug/l	91
21) 1,1-Dichloroethane	3.617	63	85654	48.845	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	53740	49.301	ug/l	99
23) tert-Butyl Alcohol	2.965	59	54662	216.876	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	150390	49.066	ug/l	100
25) Chloroform	5.105	83	85810	47.657	ug/l	92
26) Cyclohexane	5.477	56	79325	49.635	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	64991	50.001	ug/l	100
30) 2-Butanone	4.562	43	199583	237.281	ug/l	100
31) 2,2-Dichloropropane	4.483	77	57046	41.224	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	77325	49.775	ug/l	99
33) Carbon Tetrachloride	5.684	117	68146	50.363	ug/l	100
34) Benzene	6.043	78	191423	49.464	ug/l	99
35) Methacrylonitrile	4.922	41	41528	48.230	ug/l	96
36) 1,2-Dichloroethane	6.092	62	68498	46.776	ug/l	99
37) Trichloroethene	7.129	130	56979	53.105	ug/l	96
38) Methylcyclohexane	7.385	83	80384	48.999	ug/l	99
39) 1,2-Dichloropropane	7.434	63	48253	47.927	ug/l	98
40) Dibromomethane	7.586	93	33941	47.518	ug/l	99
41) Bromodichloromethane	7.824	83	66171	50.363	ug/l	99
42) Vinyl Acetate	3.727	43	677556	243.479	ug/l	100

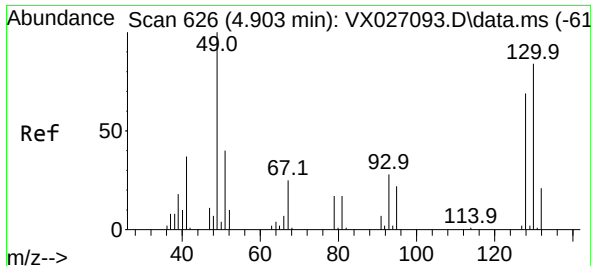
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	75463	47.664	ug/l	100
44) Isopropyl Acetate	6.342	43	116704	46.517	ug/l	100
45) 1,4-Dioxane	7.665	88	23577	914.567	ug/l	97
46) Methyl methacrylate	7.696	41	58351	48.034	ug/l	94
47) n-amyl Acetate	10.848	43	90377	42.820	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	67056	45.263	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	75256	47.279	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	46707	45.136	ug/l	98
51) Ethyl methacrylate	9.122	69	76719	46.890	ug/l	96
52) 1,3-Dichloropropane	9.311	76	80657	47.422	ug/l	98
53) Dibromochloromethane	9.525	129	50069	47.986	ug/l	99
54) 1,2-Dibromoethane	9.610	107	50636	46.602	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	191514	242.801	ug/l	100
56) Bromoform	10.805	173	34172	46.177	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	367965	241.321	ug/l	99
59) 2-Hexanone	9.433	43	279085	238.069	ug/l	99
61) Tetrachloroethene	9.275	164	57788	57.668	ug/l	96
62) Toluene	8.720	91	201174	49.766	ug/l	99
64) Chlorobenzene	10.079	112	123146	48.502	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	46785	49.736	ug/l	98
66) Ethyl Benzene	10.195	91	224057	49.954	ug/l	99
67) m/p-Xylenes	10.305	106	171384	98.914	ug/l	100
68) o-Xylene	10.646	106	84186	49.278	ug/l	99
69) Styrene	10.659	104	140794	49.915	ug/l	99
70) Isopropylbenzene	10.963	105	217487	48.391	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	62233	44.342	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	77175	58.262	ug/l	90
73) Bromobenzene	11.201	156	52137	47.735	ug/l	99
74) n-propylbenzene	11.305	91	249408	48.192	ug/l	99
75) 2-Chlorotoluene	11.366	91	150291	48.236	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	181466	48.728	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19294	42.299	ug/l	91
78) 4-Chlorotoluene	11.457	91	169163	48.063	ug/l	100
79) tert-butylbenzene	11.719	119	172785	48.130	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	180316	48.932	ug/l	99
81) sec-Butylbenzene	11.890	105	220850	47.782	ug/l	100
82) p-Isopropyltoluene	12.012	119	186493	48.930	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	96773	48.730	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	96055	48.661	ug/l	99
85) n-Butylbenzene	12.335	91	155463	46.712	ug/l	99
86) Hexachloroethane	12.542	117	29920	48.570	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	94480	49.104	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15934	49.954	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	59437	49.792	ug/l	99
90) Hexachlorobutadiene	13.725	225	24376	46.499	ug/l	98
91) Naphthalene	13.780	128	215891	52.377	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	61144	51.044	ug/l	100

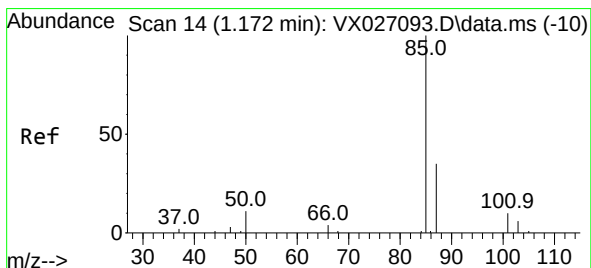
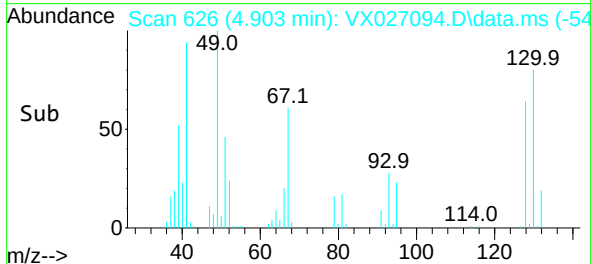
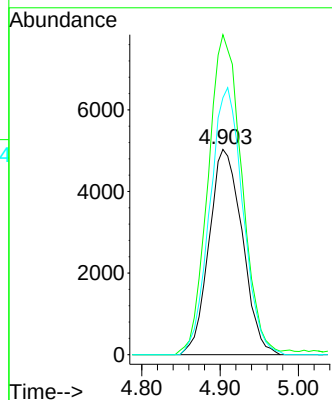
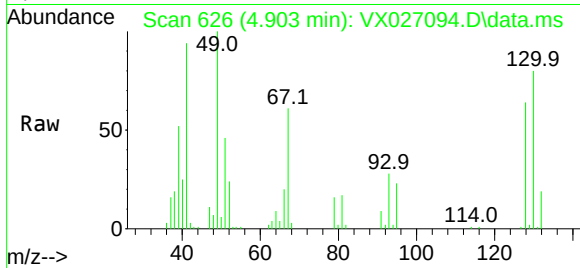
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027094.D
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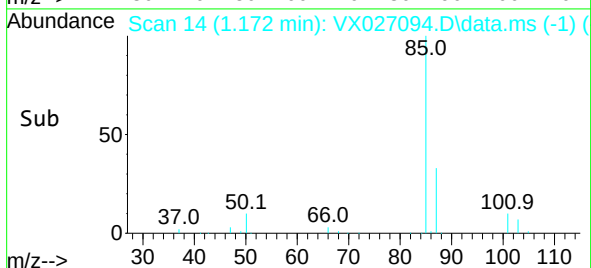
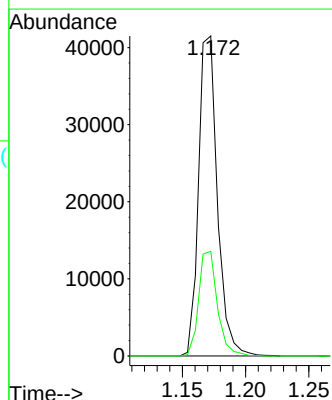
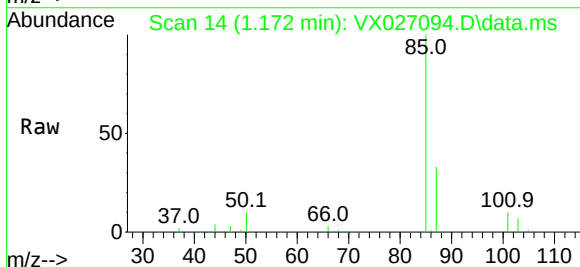
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

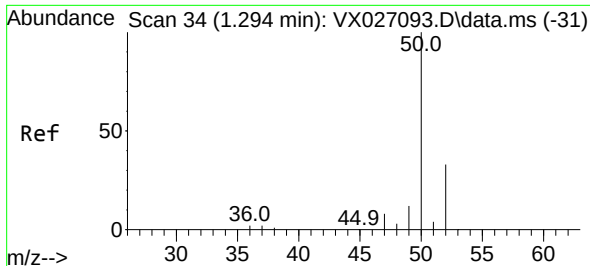
Tgt Ion:128 Resp: 14834
Ion Ratio Lower Upper
128 100
49 158.3 0.0 387.0
130 129.6 0.0 323.0



#2
Dichlorodifluoromethane
Concen: 48.574 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 85 Resp: 43119
Ion Ratio Lower Upper
85 100
87 32.7 17.4 52.3

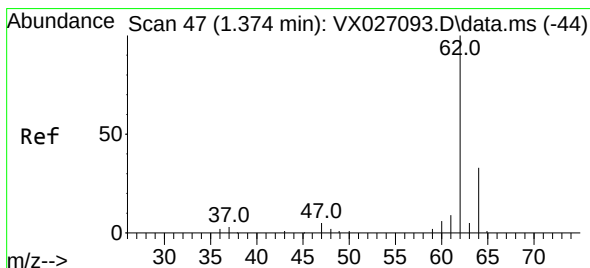
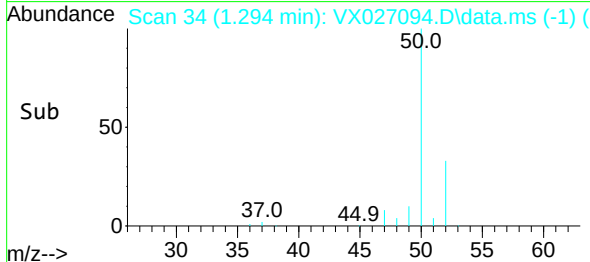
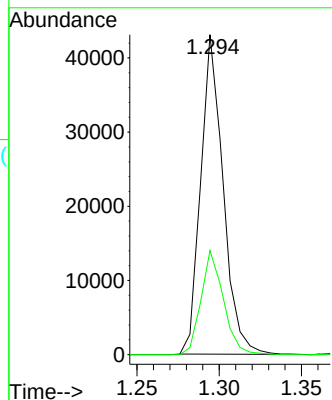
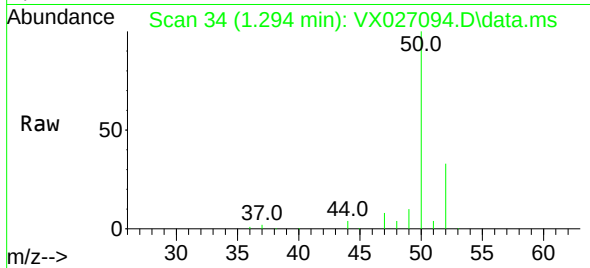




#3
Chloromethane
Concen: 42.183 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

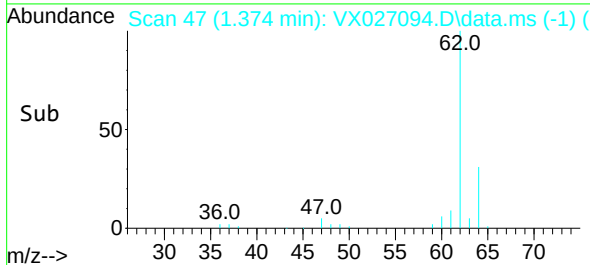
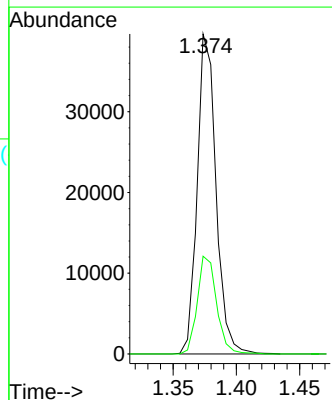
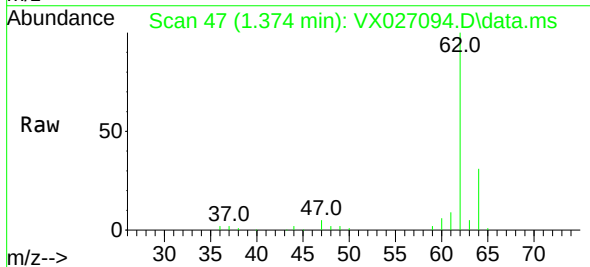
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

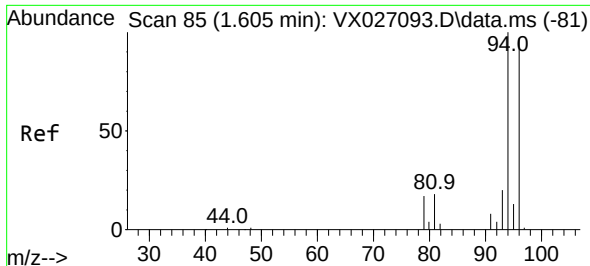
Tgt Ion: 50 Resp: 40792
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 42.417 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 62 Resp: 41029
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1

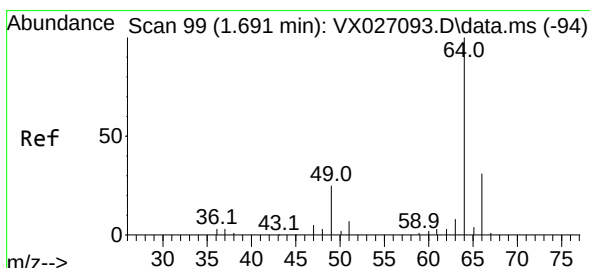
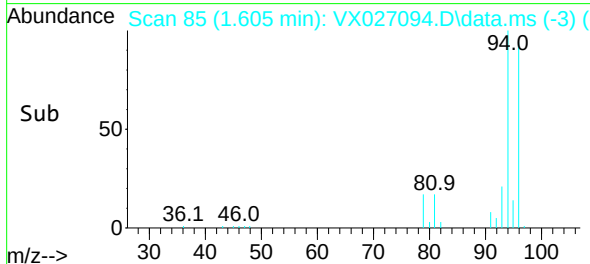
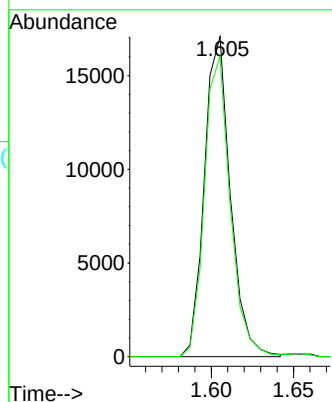
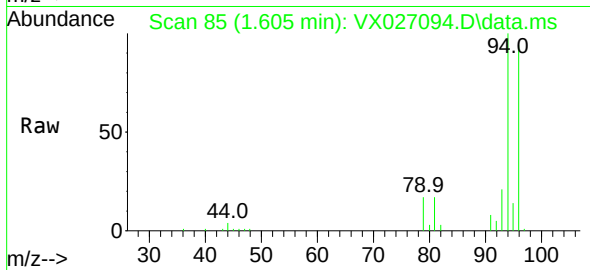




#5
Bromomethane
Concen: 34.000 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

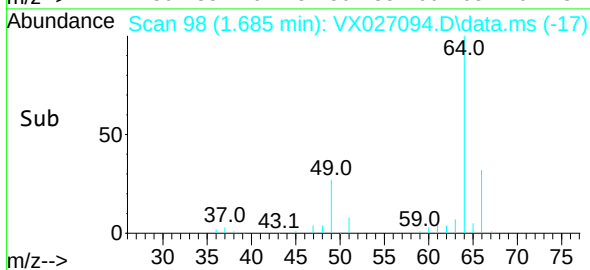
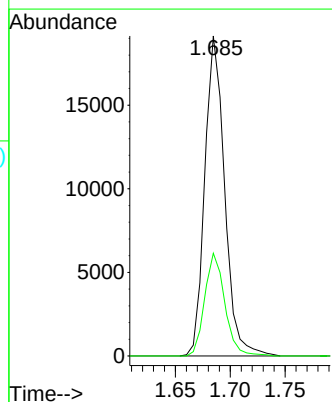
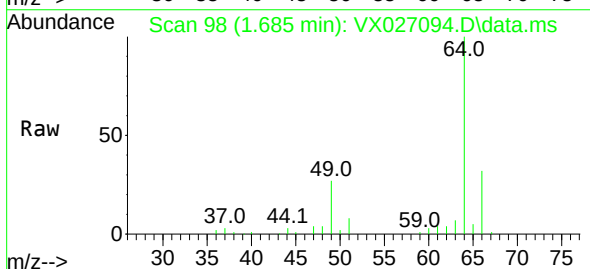
Instrument :
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ClientSampleId :
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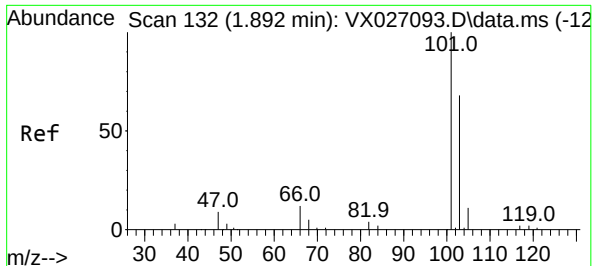
Tgt Ion: 94 Resp: 18832
Ion Ratio Lower Upper
94 100
96 93.9 77.9 116.9



#6
Chloroethane
Concen: 39.824 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 64 Resp: 24100
Ion Ratio Lower Upper
64 100
66 32.1 24.5 36.7

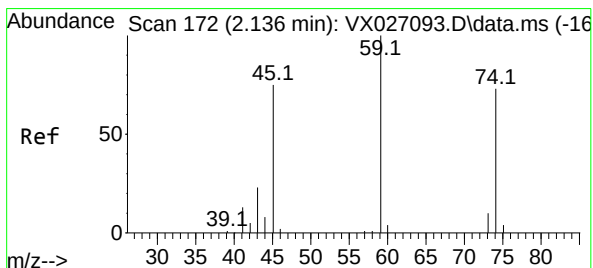
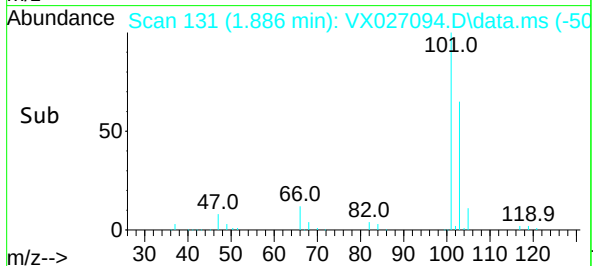
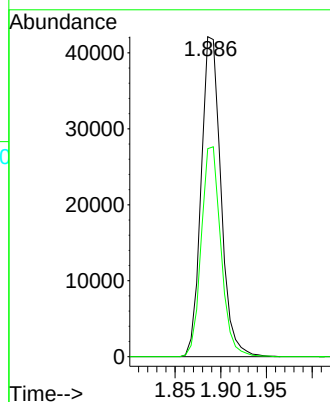
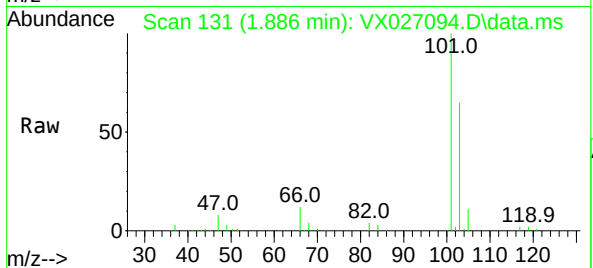




#7
 Trichlorofluoromethane
 Concen: 40.737 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

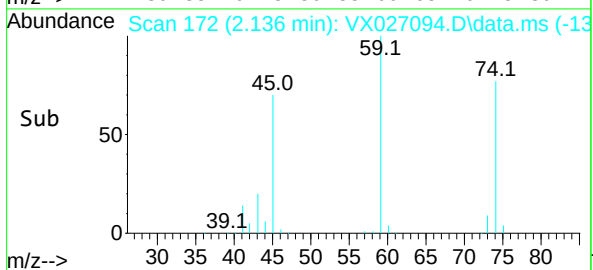
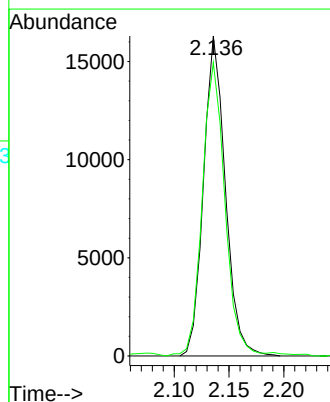
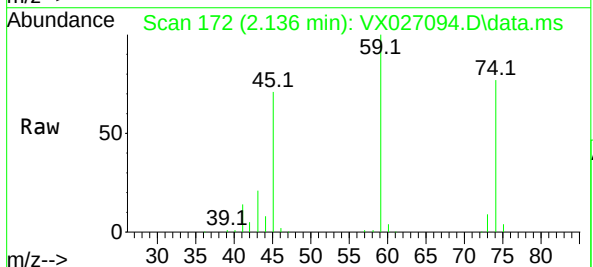
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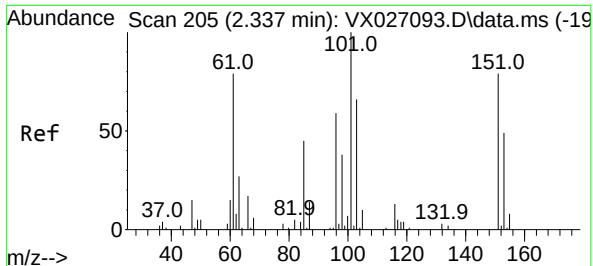
Tgt Ion:101 Resp: 63217
 Ion Ratio Lower Upper
 101 100
 103 65.0 54.3 81.5



#8
 Diethyl Ether
 Concen: 40.753 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

Tgt Ion: 74 Resp: 22599
 Ion Ratio Lower Upper
 74 100
 45 94.7 20.2 181.4

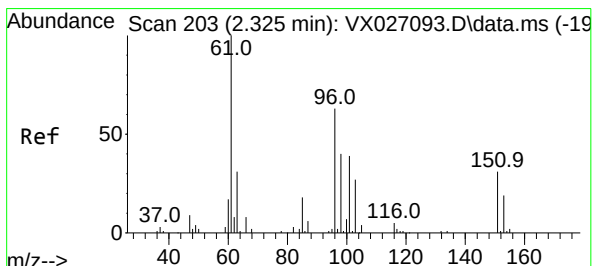
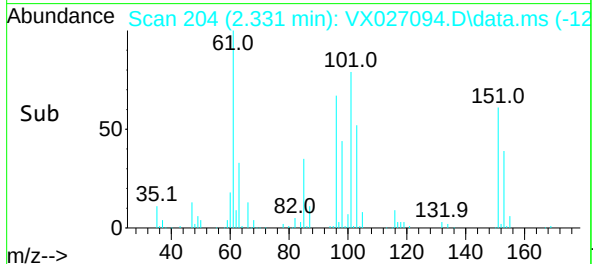
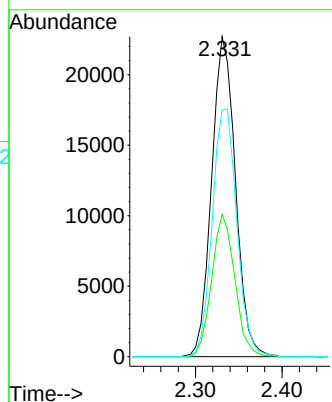
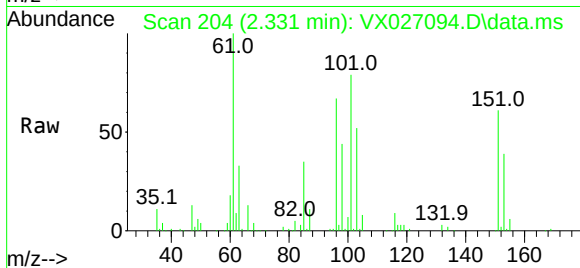




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.140 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

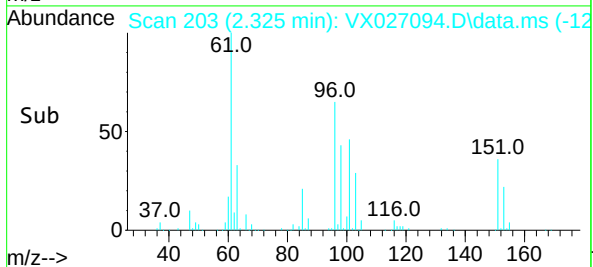
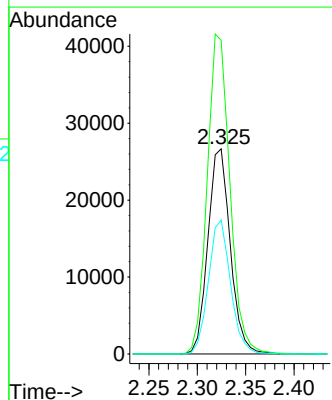
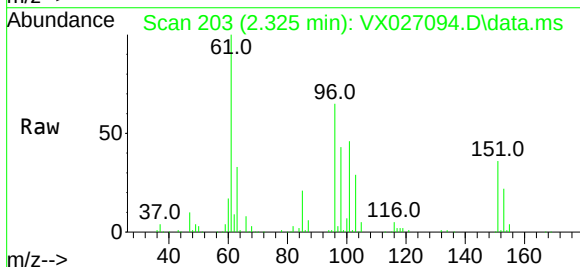
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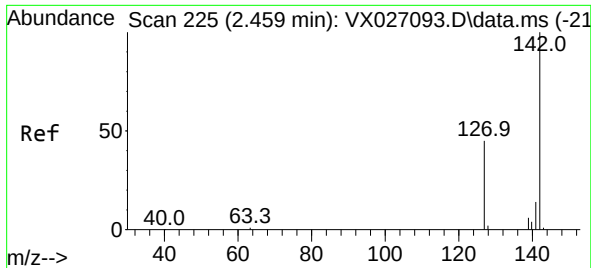
Tgt Ion:101 Resp: 43448
Ion Ratio Lower Upper
101 100
85 43.1 0.0 86.6
151 79.9 0.0 158.0



#10
1,1-Dichloroethene
Concen: 49.134 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 96 Resp: 43088
Ion Ratio Lower Upper
96 100
61 152.8 127.8 191.6
98 65.2 51.4 77.0

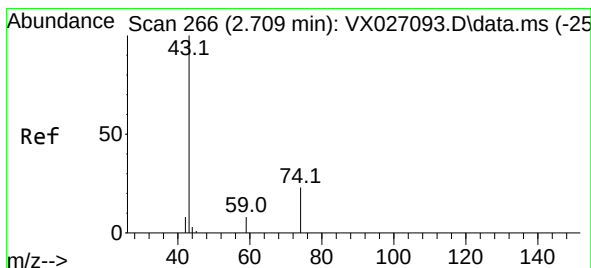
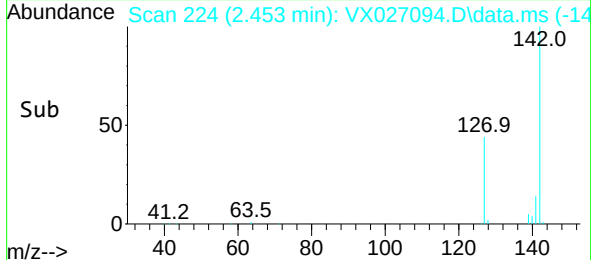
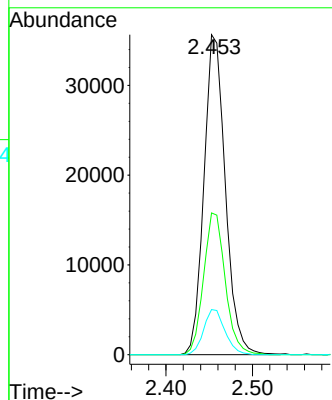
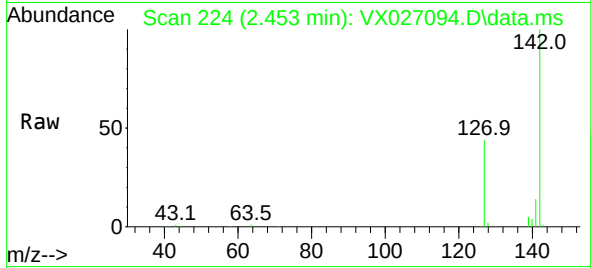




#11
Methyl Iodide
Concen: 50.510 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

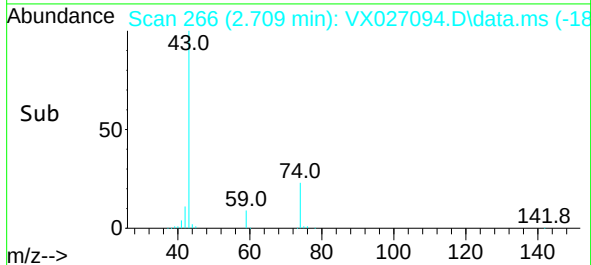
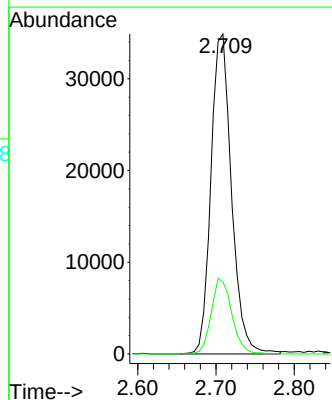
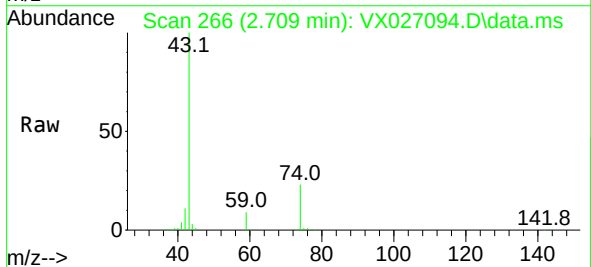
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

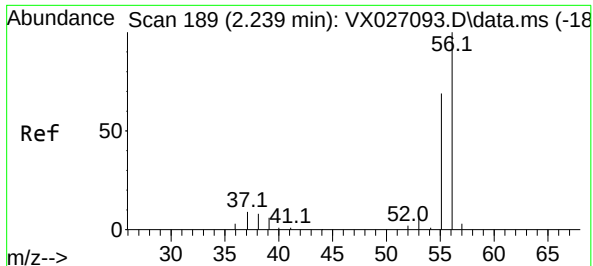
Tgt Ion:142 Resp: 61345
Ion Ratio Lower Upper
142 100
127 44.3 22.5 67.5
141 14.1 7.2 21.7



#12
Methyl Acetate
Concen: 48.940 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 63610
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8

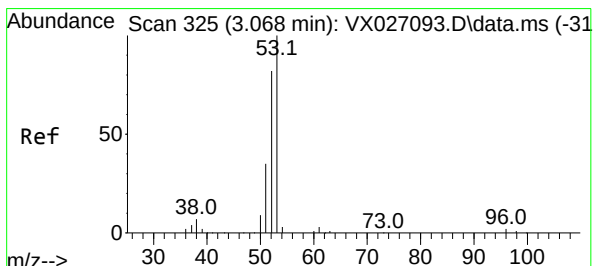
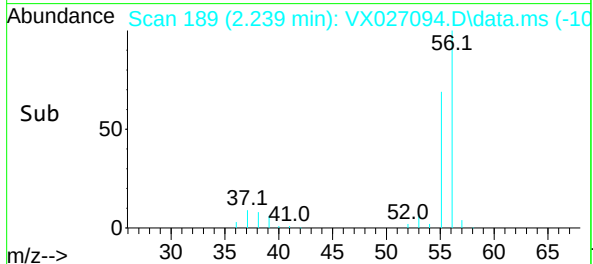
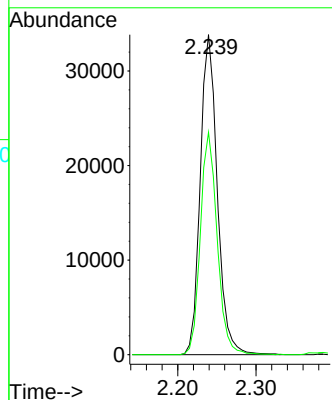
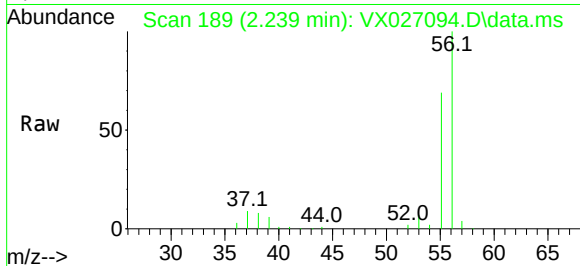




#13
Acrolein
Concen: 337.742 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

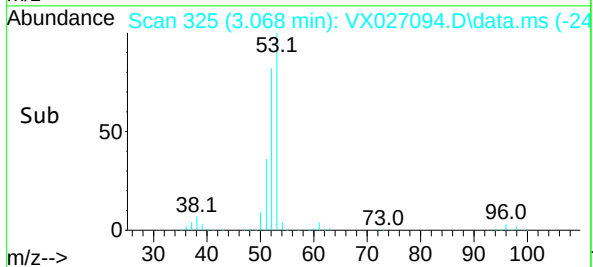
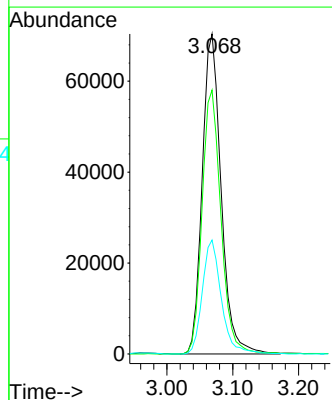
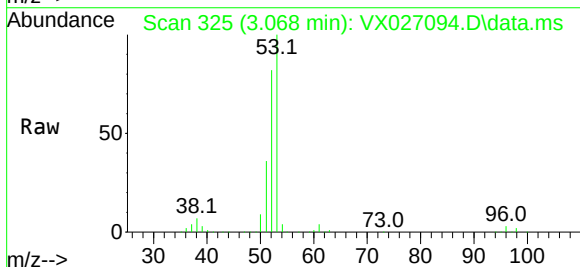
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

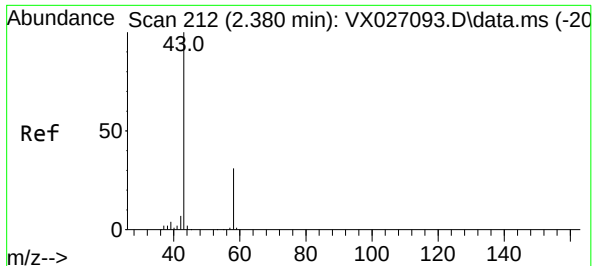
Tgt Ion: 56 Resp: 51245
Ion Ratio Lower Upper
56 100
55 68.5 56.0 84.0



#14
Acrylonitrile
Concen: 245.110 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 53 Resp: 140968
Ion Ratio Lower Upper
53 100
52 81.9 40.9 122.7
51 35.8 17.8 53.4





#15

Acetone

Concen: 228.676 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

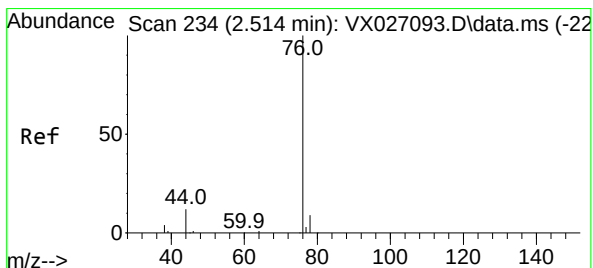
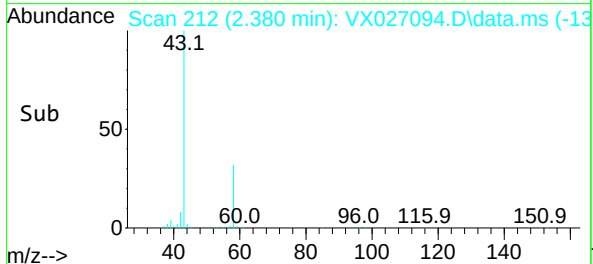
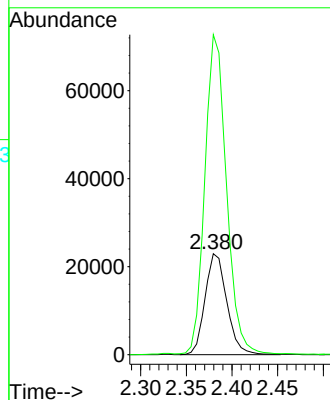
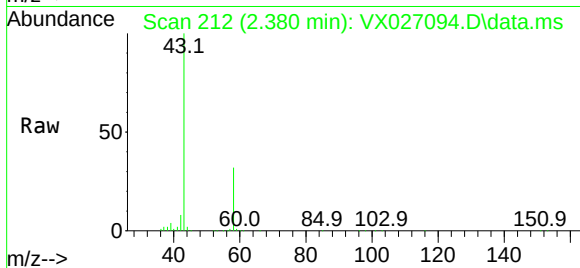
VSTDICC050

Tgt Ion: 58 Resp: 37926

Ion Ratio Lower Upper

58 100

43 316.1 256.9 385.3



#16

Carbon Disulfide

Concen: 52.244 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX027094.D

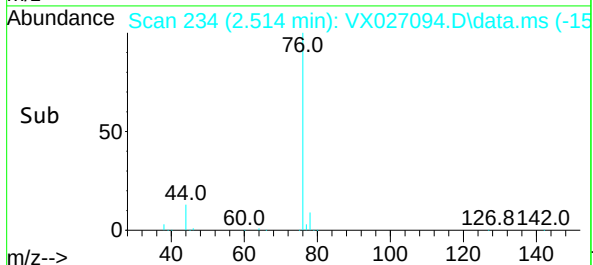
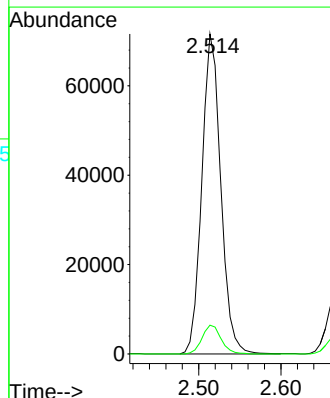
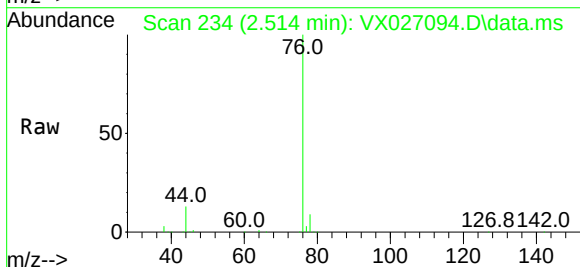
Acq: 17 Feb 2022 22:44

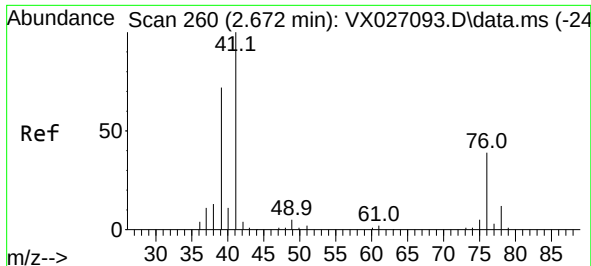
Tgt Ion: 76 Resp: 114521

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#17

Allyl chloride

Concen: 48.176 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

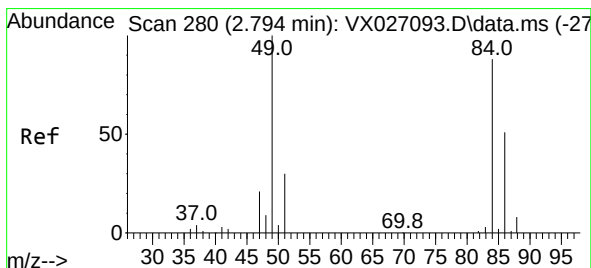
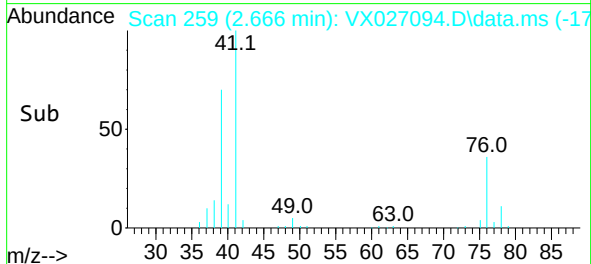
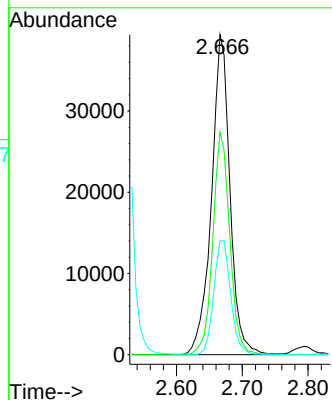
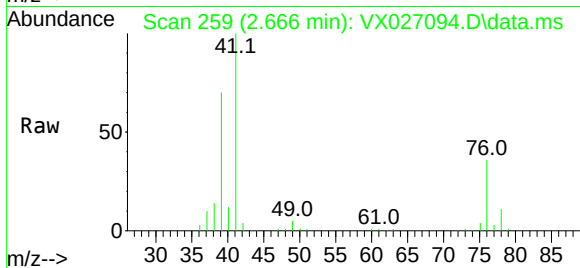
Tgt Ion: 41 Resp: 77298

Ion Ratio Lower Upper

41 100

39 69.5 35.8 107.3

76 35.6 19.3 57.9



#18

Methylene Chloride

Concen: 47.215 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Tgt Ion: 84 Resp: 48193

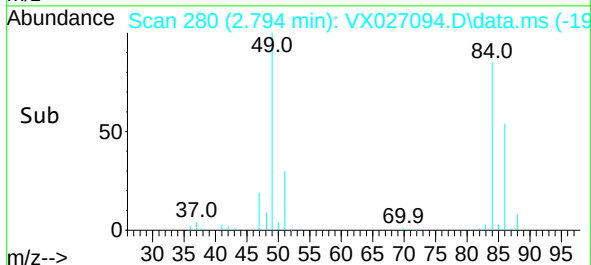
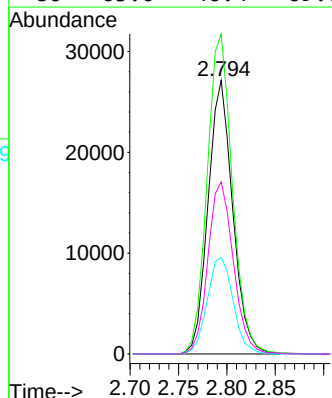
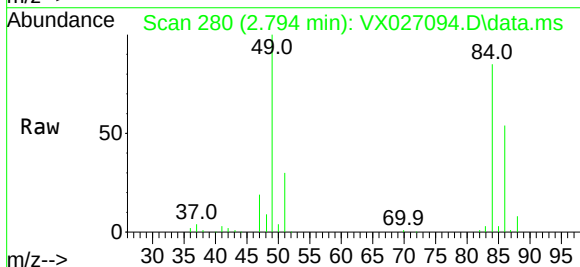
Ion Ratio Lower Upper

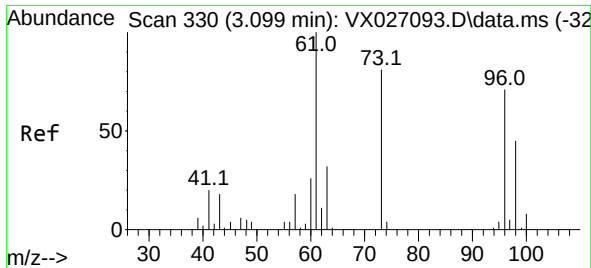
84 100

49 117.0 91.2 136.8

51 35.3 27.6 41.4

86 63.0 46.4 69.6

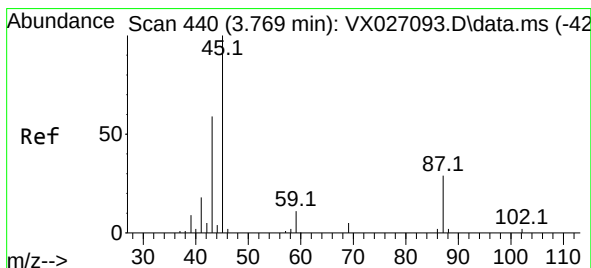
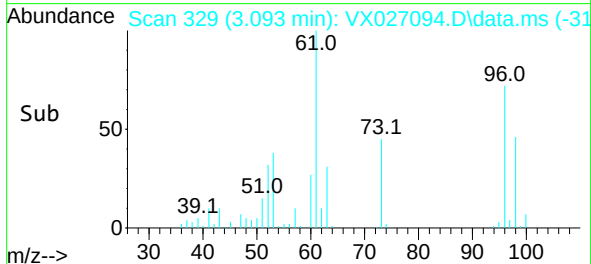
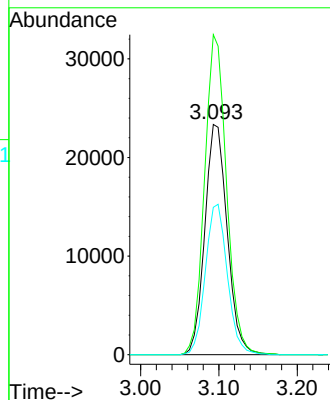
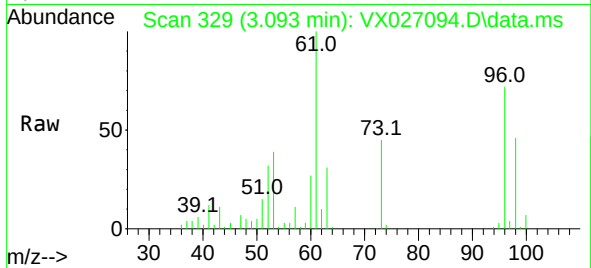




#19
trans-1,2-Dichloroethene
Concen: 49.404 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

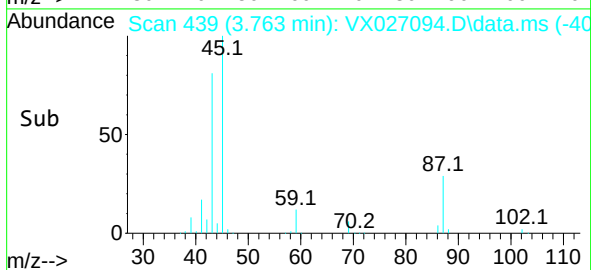
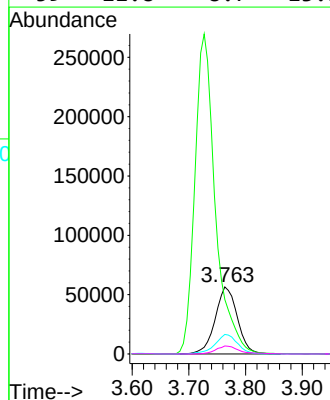
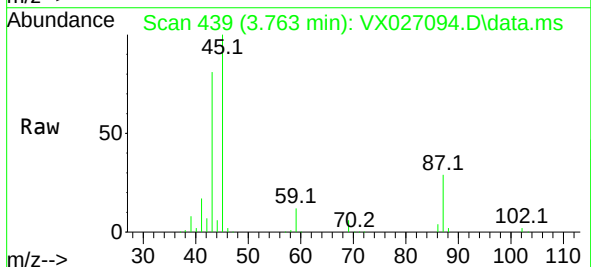
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

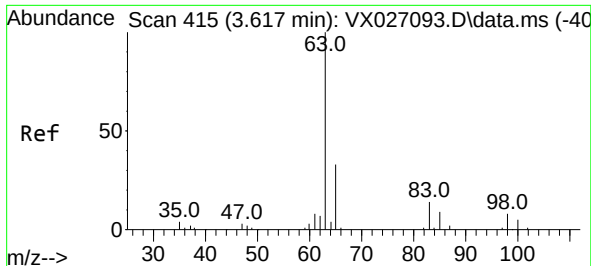
Tgt Ion: 96 Resp: 46433
Ion Ratio Lower Upper
96 100
61 138.9 113.2 169.8
98 64.0 51.0 76.6



#20
Diisopropyl ether
Concen: 47.821 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 45 Resp: 153422
Ion Ratio Lower Upper
45 100
43 80.4 55.5 83.3
87 29.1 23.1 34.7
59 11.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 48.845 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

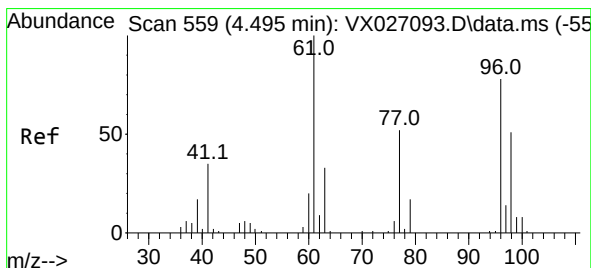
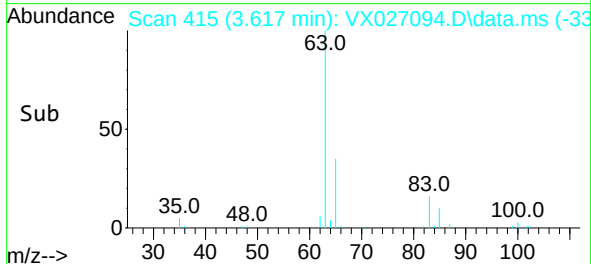
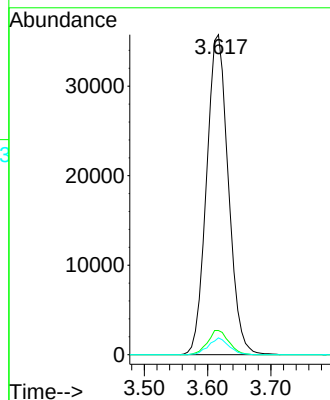
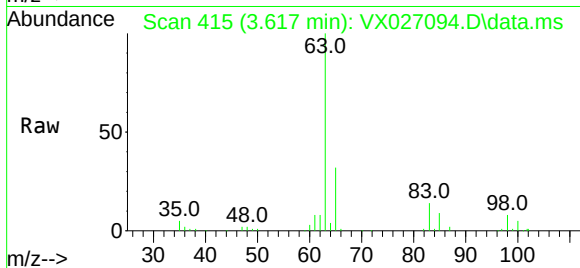
Tgt Ion: 63 Resp: 85654

Ion Ratio Lower Upper

63 100

98 7.5 4.0 11.9

100 5.2 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 49.301 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

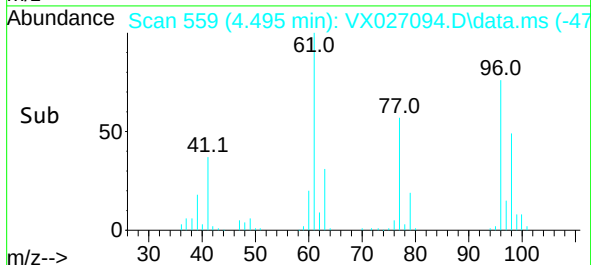
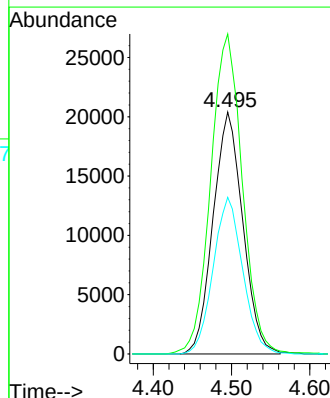
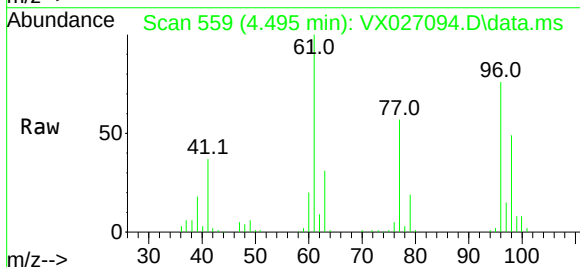
Tgt Ion: 96 Resp: 53740

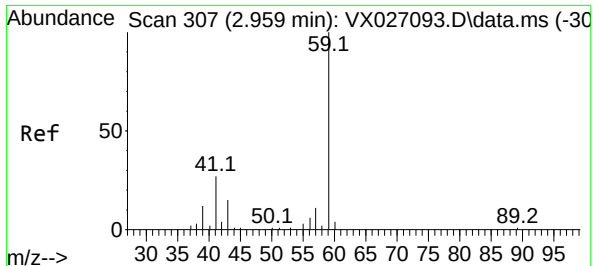
Ion Ratio Lower Upper

96 100

61 140.5 114.3 171.5

98 64.5 51.7 77.5

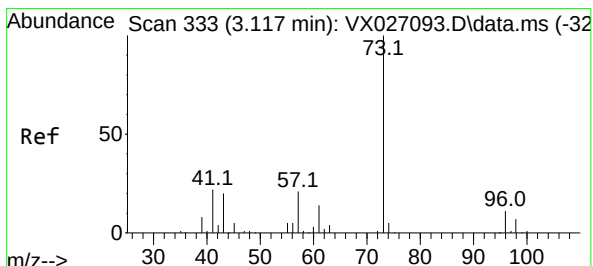
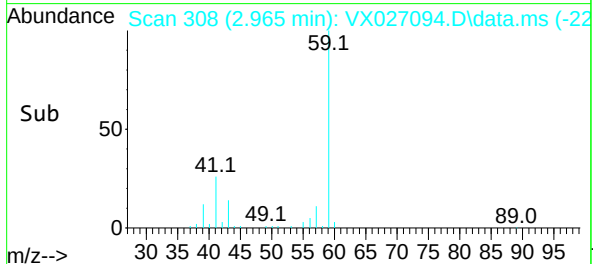
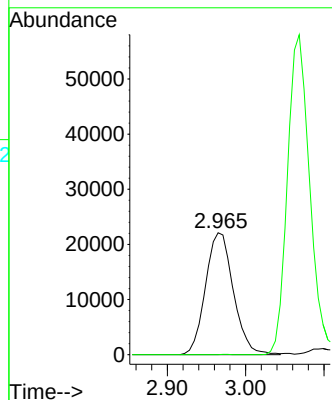
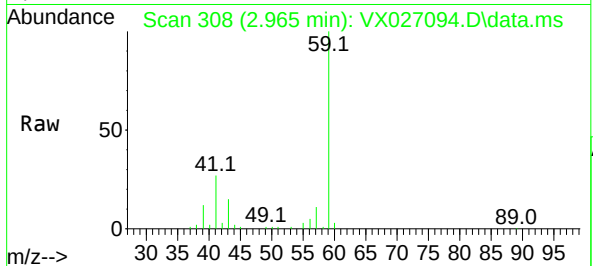




#23
tert-Butyl Alcohol
Concen: 216.876 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

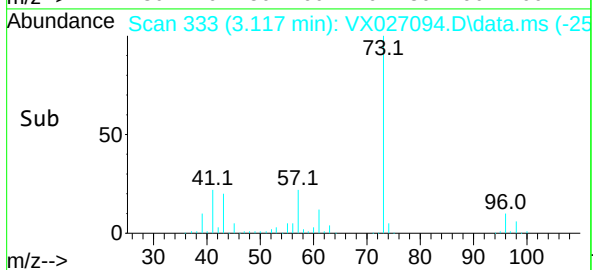
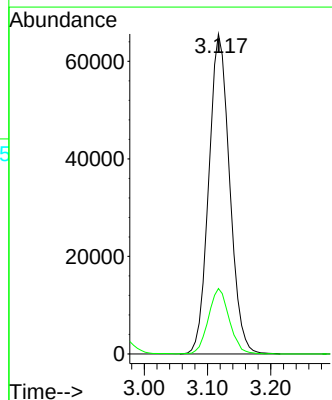
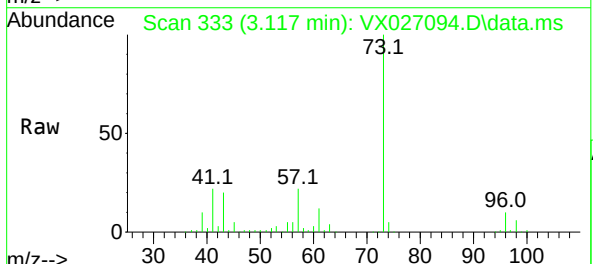
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

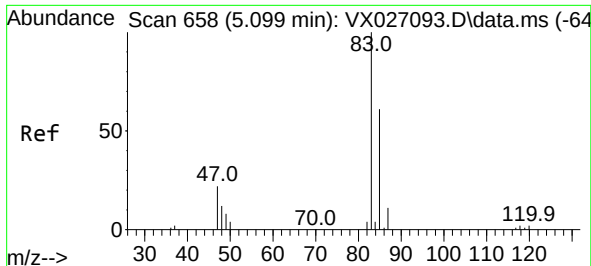
Tgt Ion: 59 Resp: 54662
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 49.066 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 73 Resp: 150390
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.4





#25

Chloroform

Concen: 47.657 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

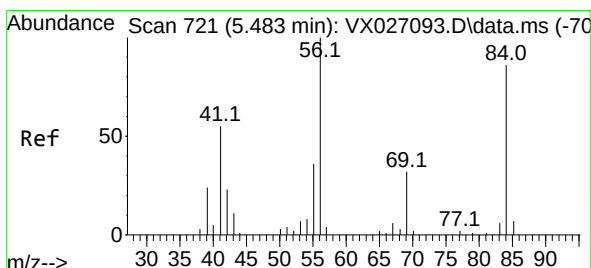
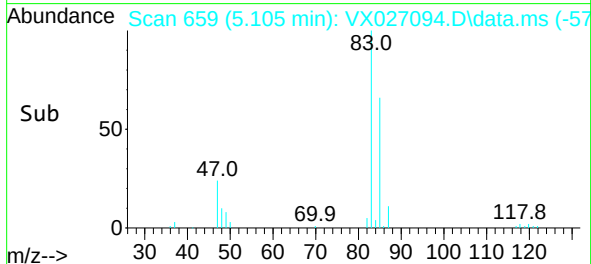
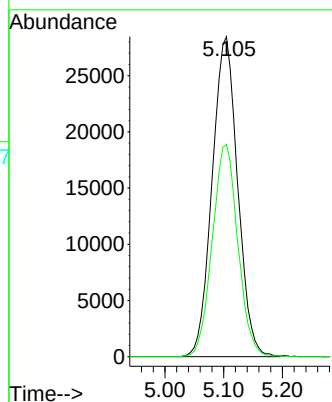
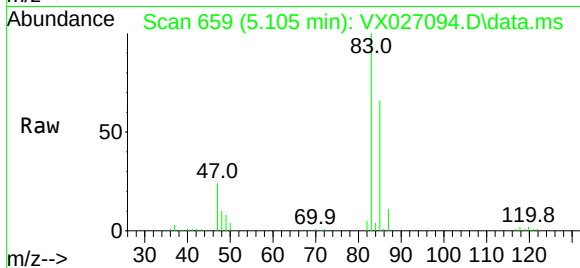
VSTDIC050

Tgt Ion: 83 Resp: 85810

Ion Ratio Lower Upper

83 100

85 66.4 48.4 72.6



#26

Cyclohexane

Concen: 49.635 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

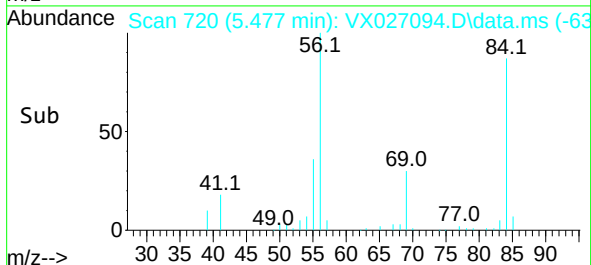
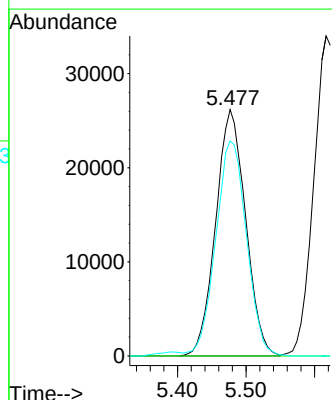
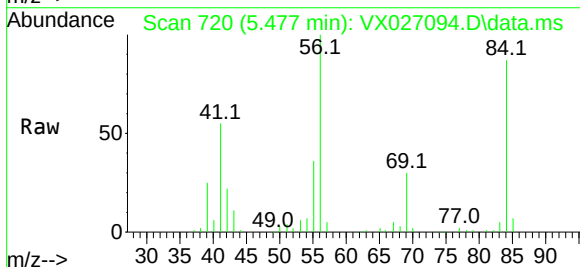
Tgt Ion: 56 Resp: 79325

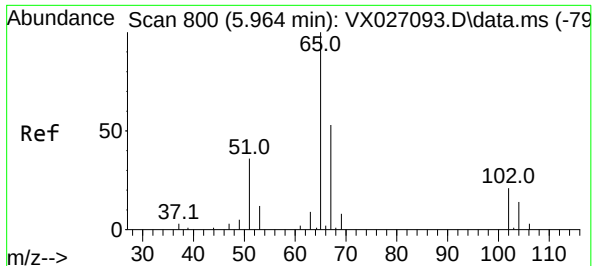
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.7 71.9 107.9





#27

1,2-Dichloroethane-d4

Concen: 28.265 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

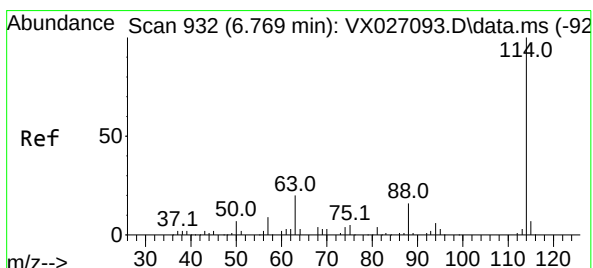
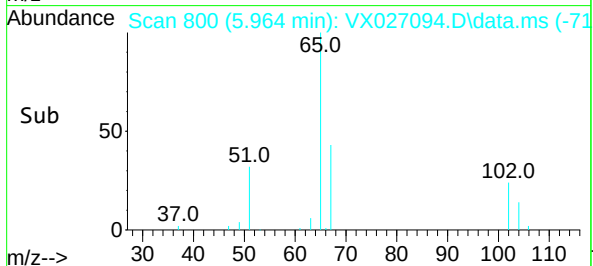
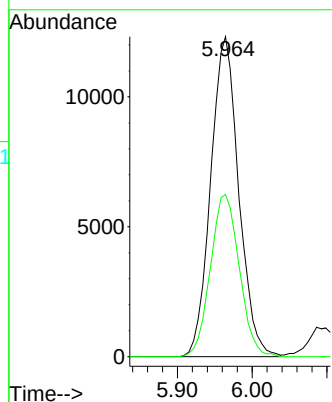
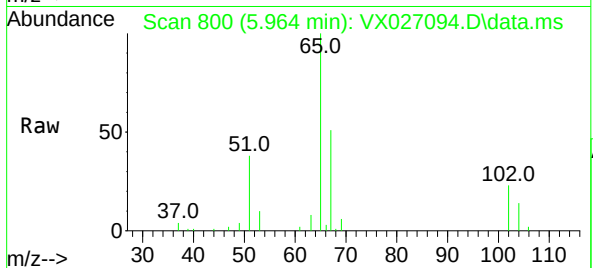
VSTDIC050

Tgt Ion: 65 Resp: 32081

Ion Ratio Lower Upper

65 100

67 52.2 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

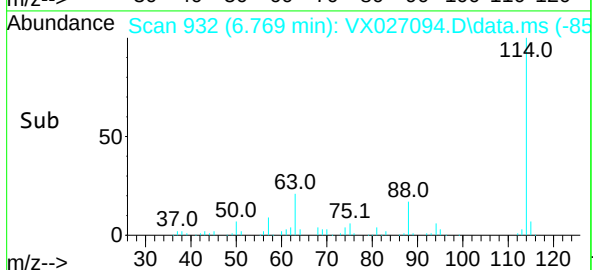
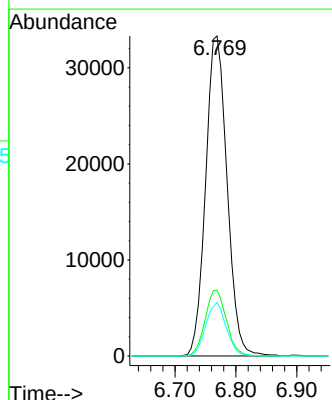
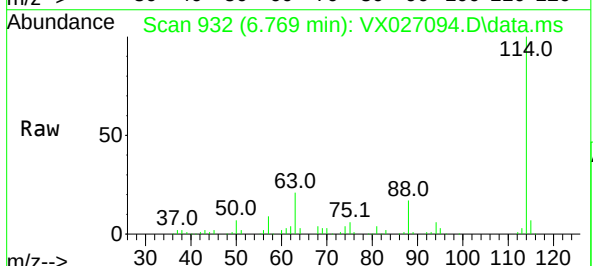
Tgt Ion: 114 Resp: 81463

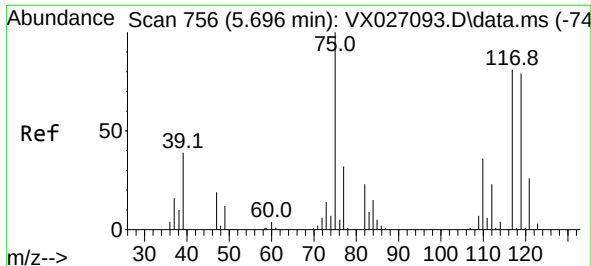
Ion Ratio Lower Upper

114 100

63 20.4 16.2 24.2

88 16.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 50.001 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

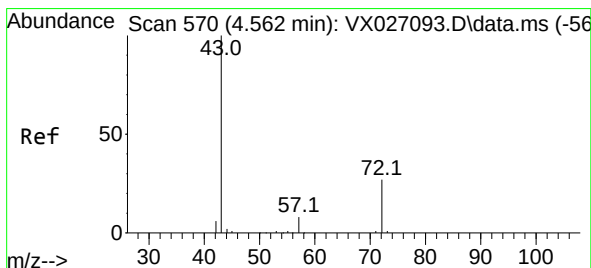
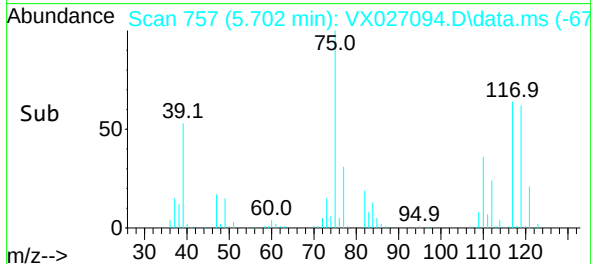
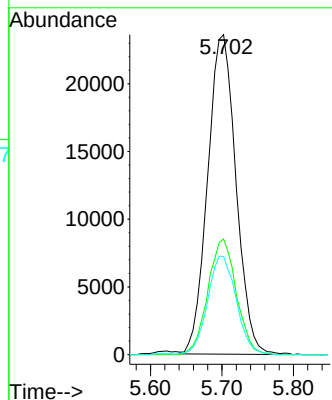
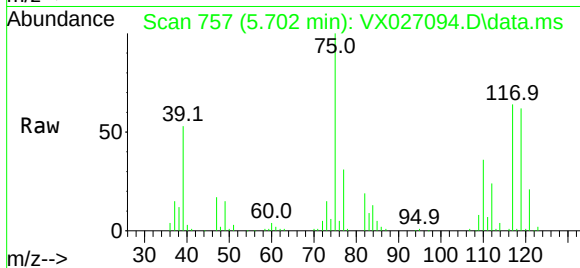
Tgt Ion: 75 Resp: 64991

Ion Ratio Lower Upper

75 100

110 36.2 0.0 72.6

77 31.1 0.0 62.4



#30

2-Butanone

Concen: 237.281 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

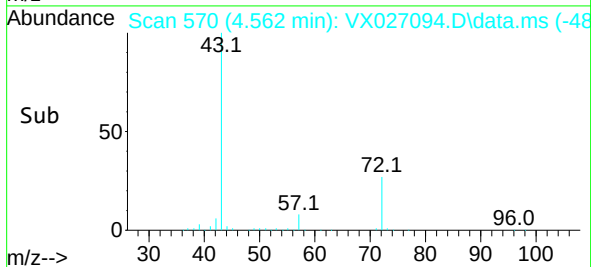
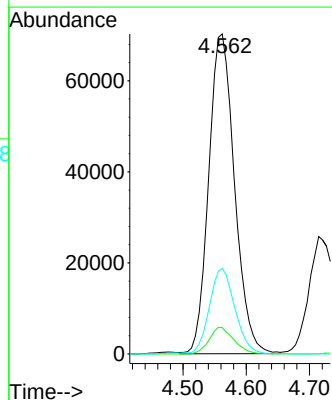
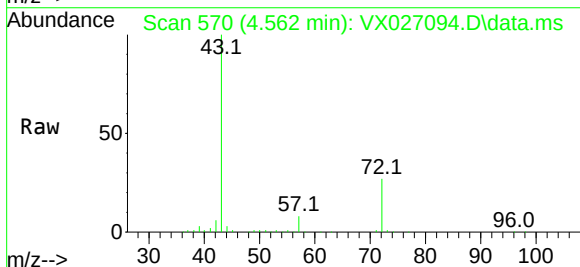
Tgt Ion: 43 Resp: 199583

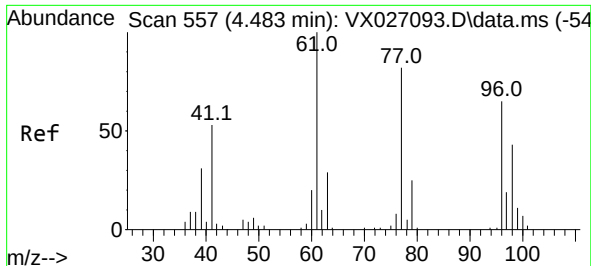
Ion Ratio Lower Upper

43 100

57 8.0 6.6 9.8

72 26.4 21.0 31.6





#31

2,2-Dichloropropane

Concen: 41.224 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

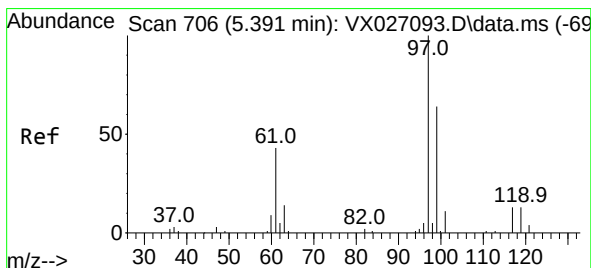
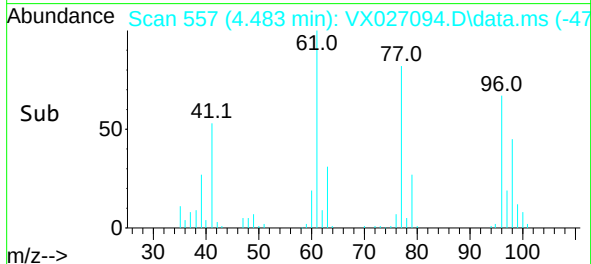
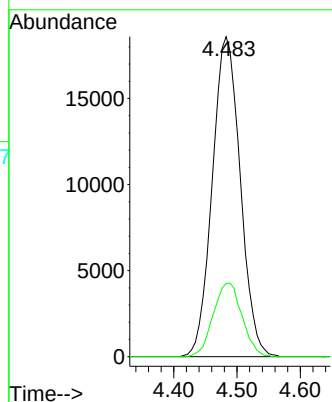
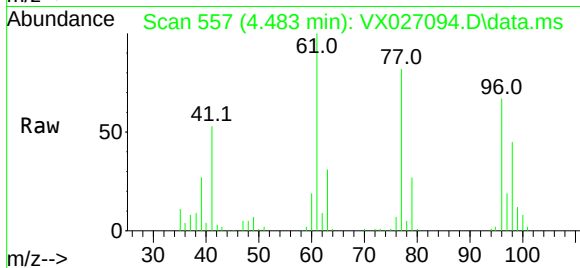
VSTDIC050

Tgt Ion: 77 Resp: 57046

Ion Ratio Lower Upper

77 100

97 23.6 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 49.775 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

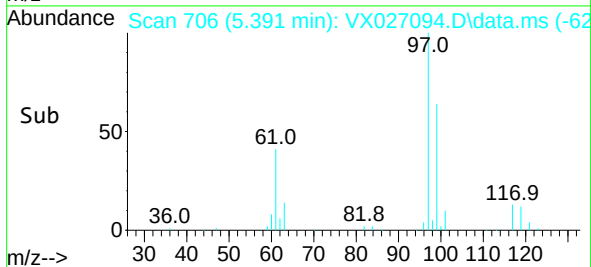
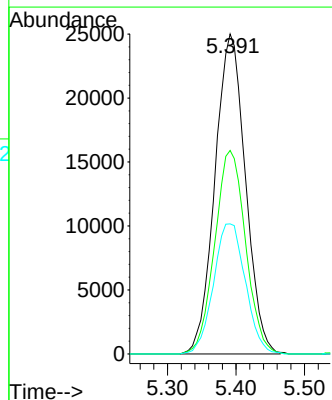
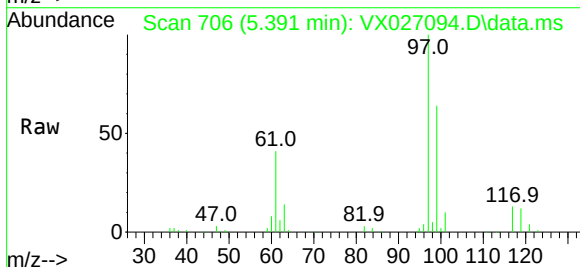
Tgt Ion: 97 Resp: 77325

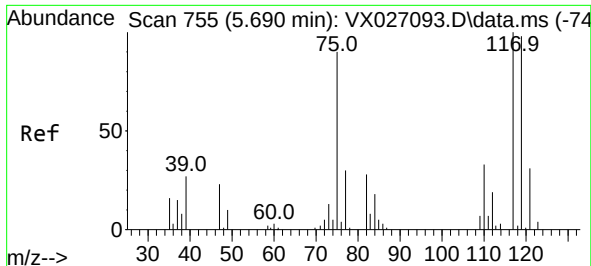
Ion Ratio Lower Upper

97 100

99 64.4 50.6 76.0

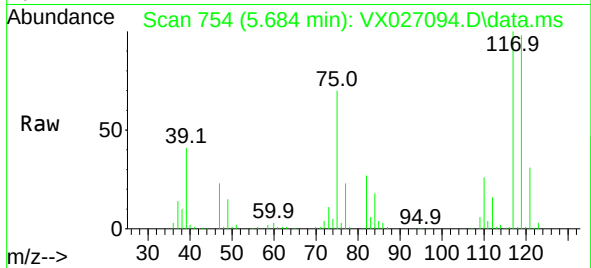
61 42.5 34.6 52.0



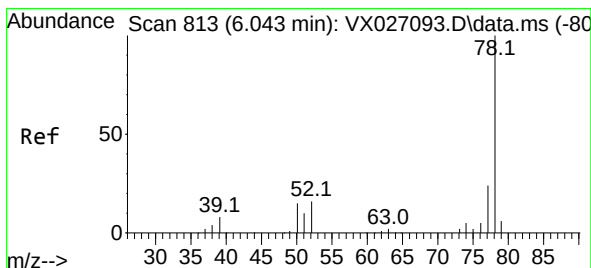
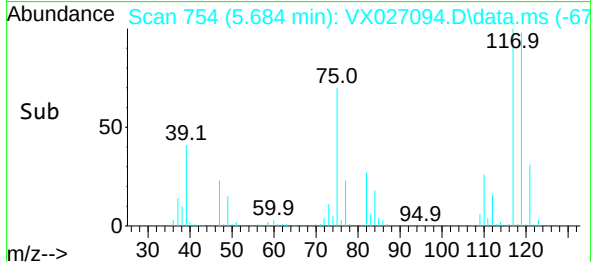
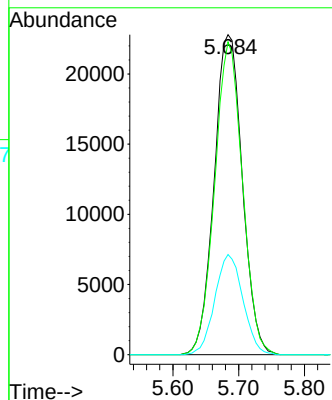


#33
Carbon Tetrachloride
Concen: 50.363 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

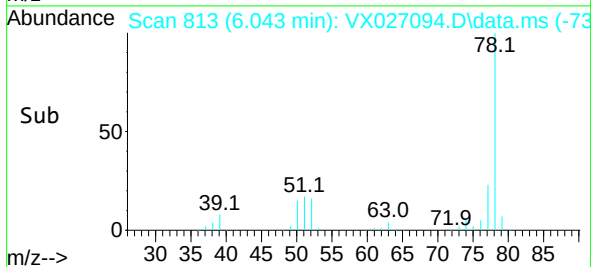
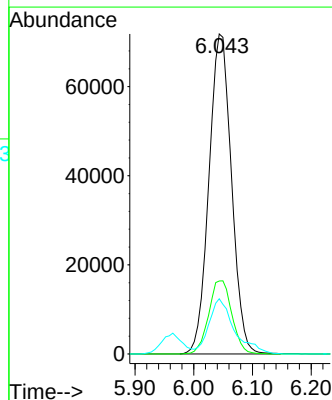
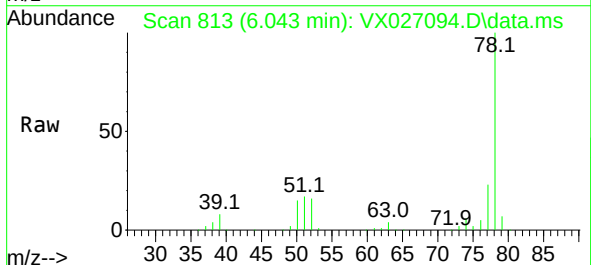


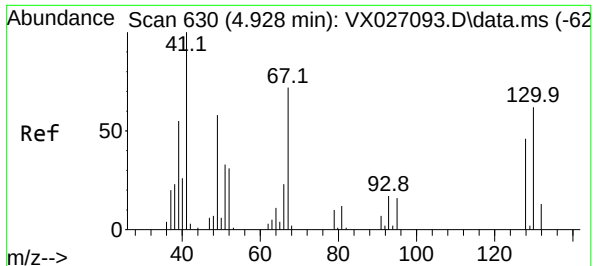
Tgt Ion:117 Resp: 68146
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
121 31.3 24.7 37.1



#34
Benzene
Concen: 49.464 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 78 Resp: 191423
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
51 17.1 13.4 20.2



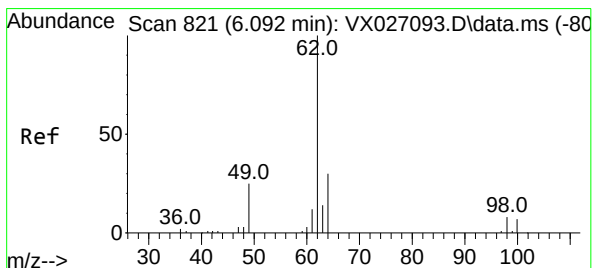
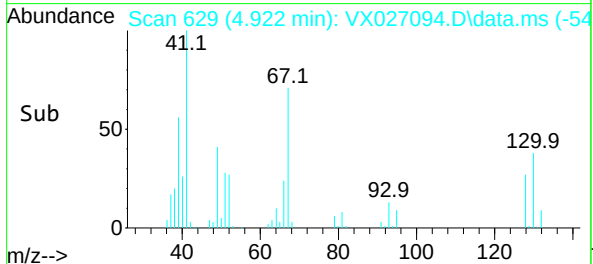
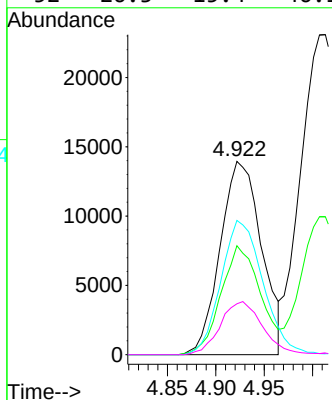
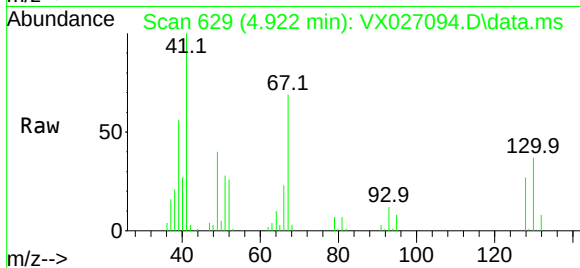


#35
Methacrylonitrile
Concen: 48.230 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 41528

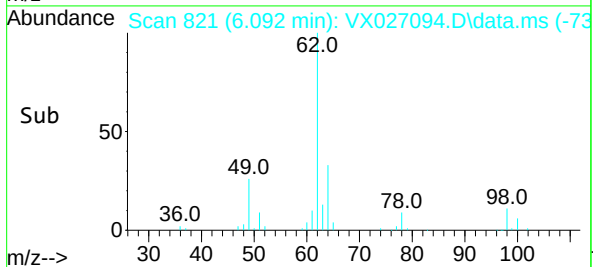
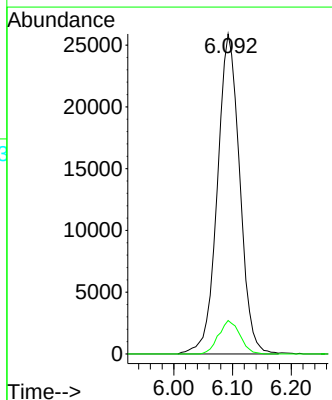
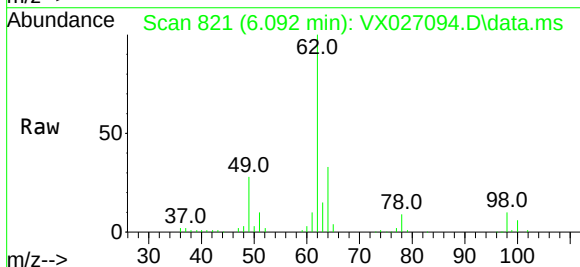
Ion	Ratio	Lower	Upper
41	100		
39	56.4	27.4	82.0
67	69.4	36.1	108.3
52	26.3	15.4	46.1

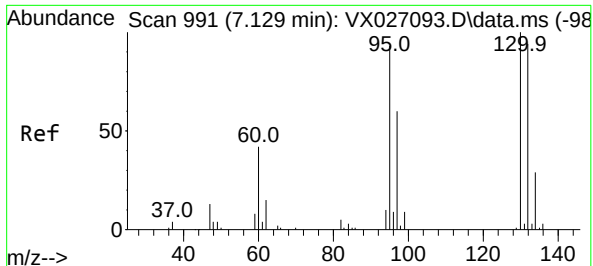


#36
1,2-Dichloroethane
Concen: 46.776 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 62 Resp: 68498

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.6	11.4





#37

Trichloroethene

Concen: 53.105 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

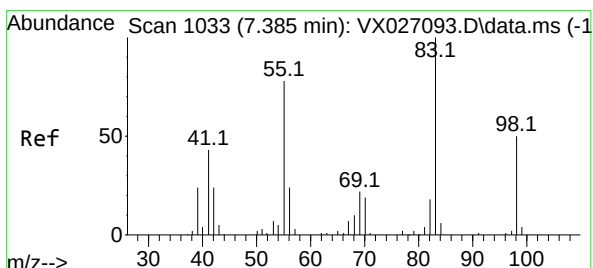
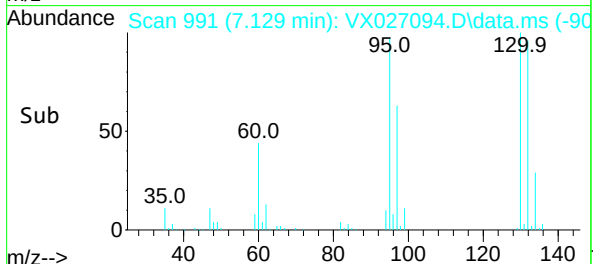
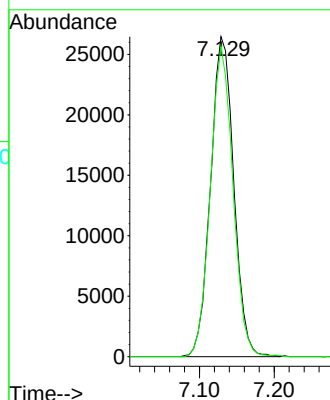
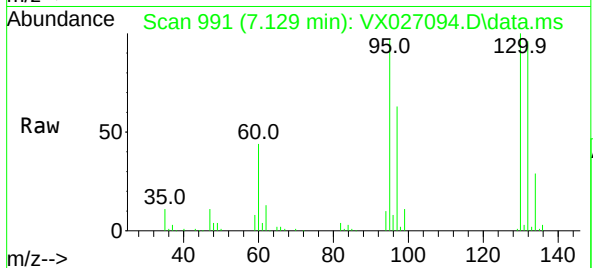
VSTDIC050

Tgt Ion:130 Resp: 56979

Ion Ratio Lower Upper

130 100

95 96.9 74.7 112.1



#38

Methylcyclohexane

Concen: 48.999 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

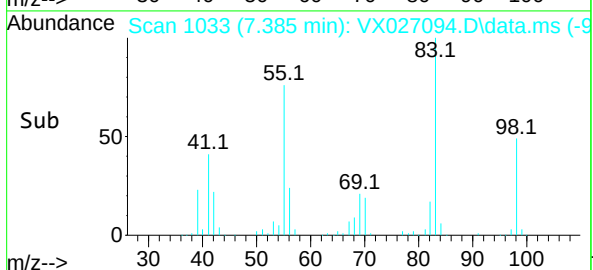
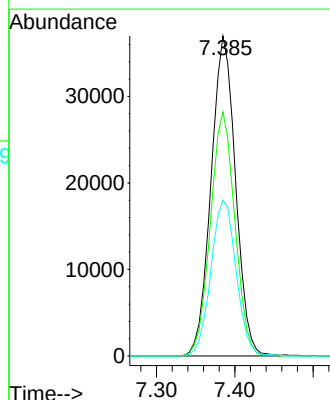
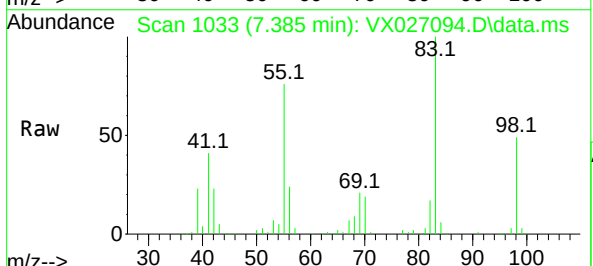
Tgt Ion: 83 Resp: 80384

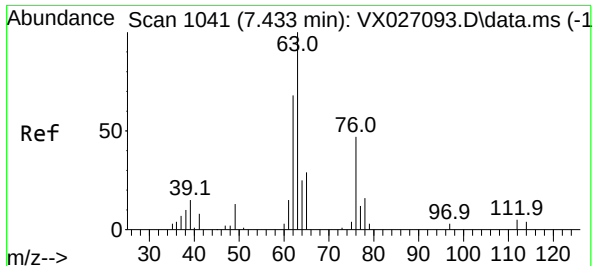
Ion Ratio Lower Upper

83 100

55 76.2 37.6 112.9

98 50.0 24.6 73.6





#39

1,2-Dichloropropane

Concen: 47.927 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

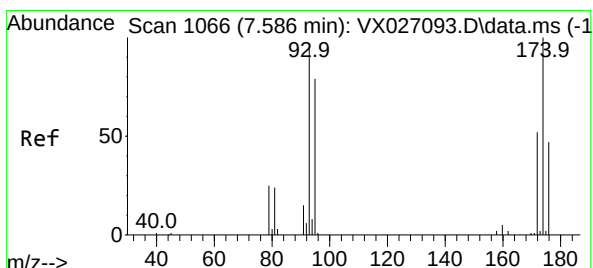
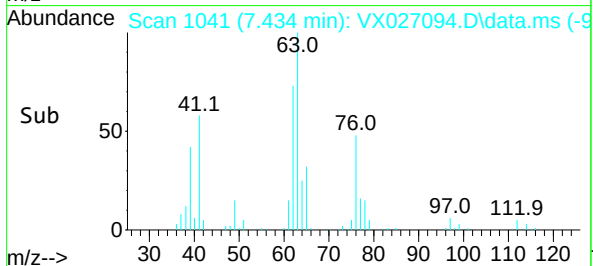
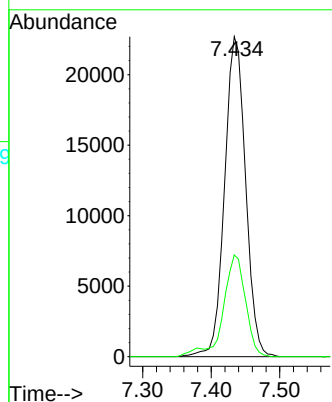
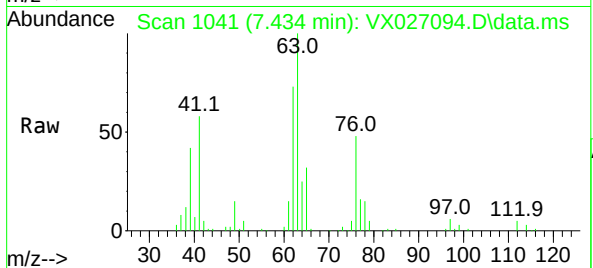
VSTDIC050

Tgt Ion: 63 Resp: 48253

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#40

Dibromomethane

Concen: 47.518 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

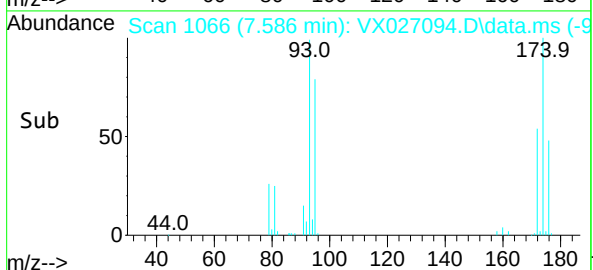
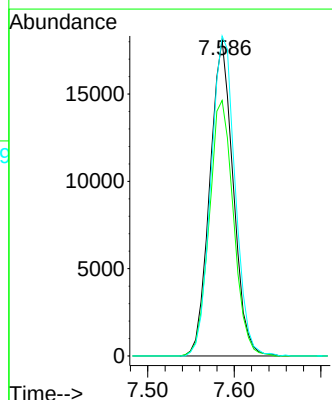
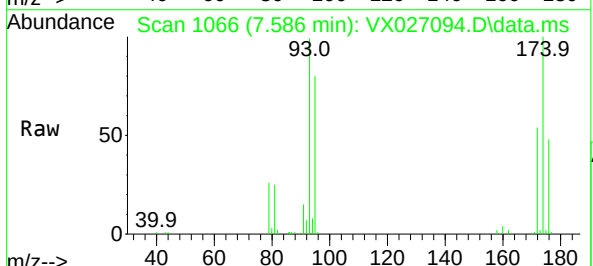
Tgt Ion: 93 Resp: 33941

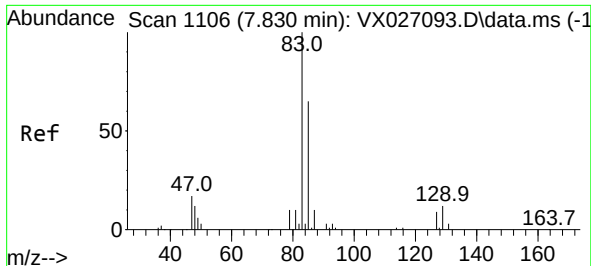
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.2

174 104.3 0.0 205.8

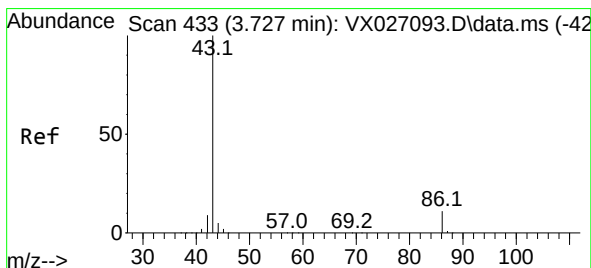
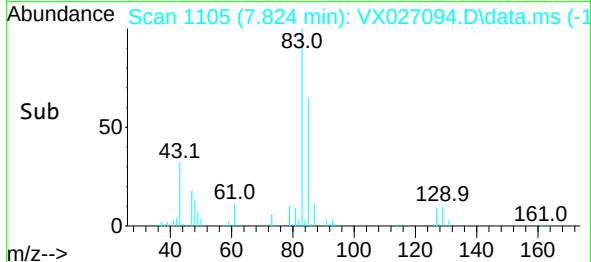
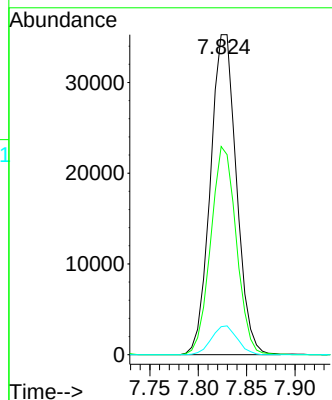
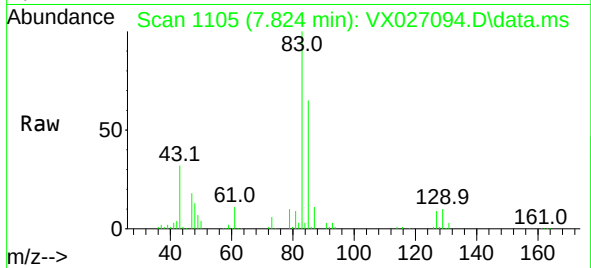




#41
Bromodichloromethane
Concen: 50.363 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

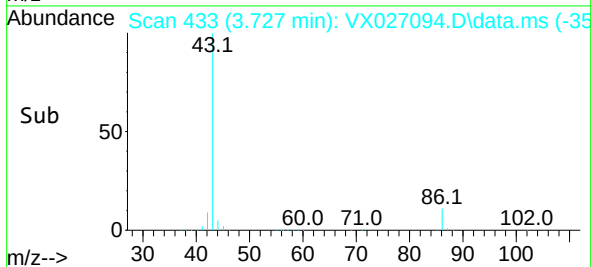
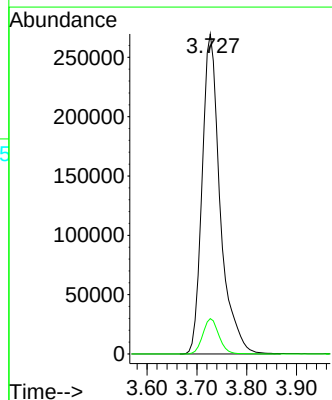
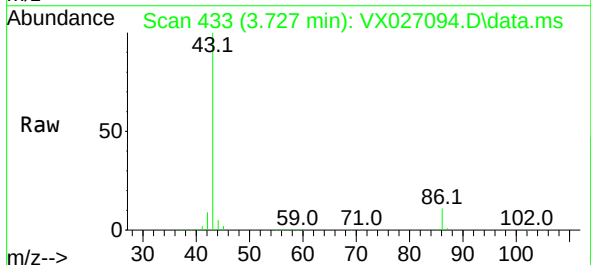
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

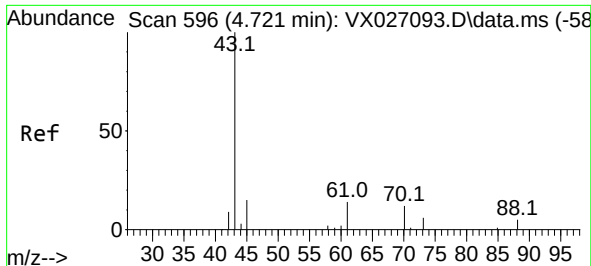
Tgt Ion: 83 Resp: 66171
Ion Ratio Lower Upper
83 100
85 65.0 51.6 77.4
127 8.8 7.2 10.8



#42
Vinyl Acetate
Concen: 243.479 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 677556
Ion Ratio Lower Upper
43 100
86 9.8 7.8 11.6

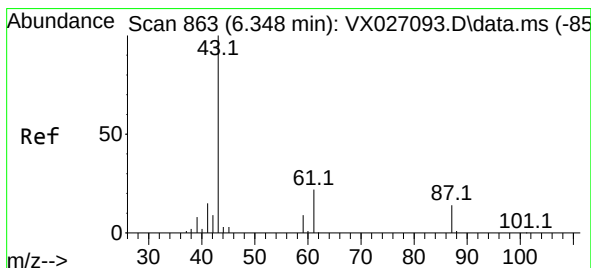
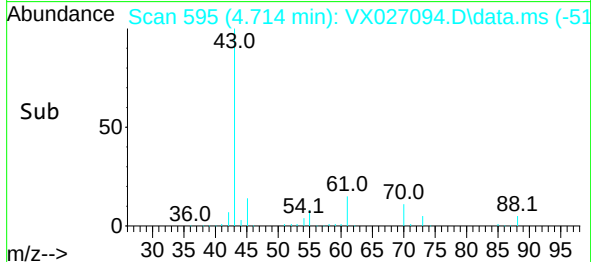
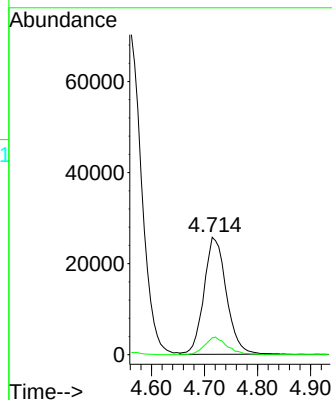
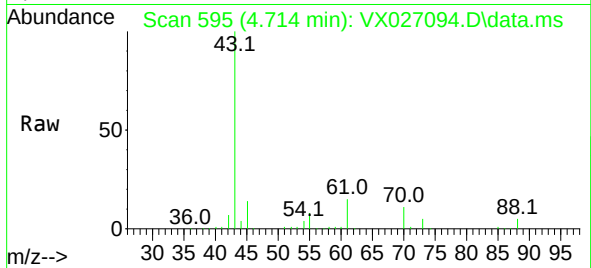




#43
Ethyl Acetate
Concen: 47.664 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

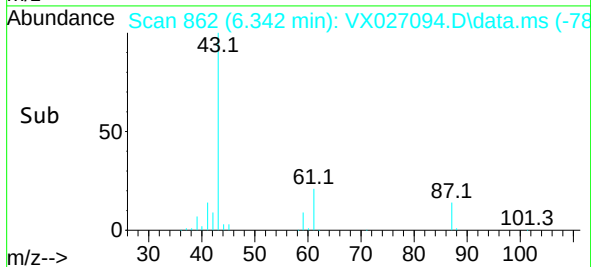
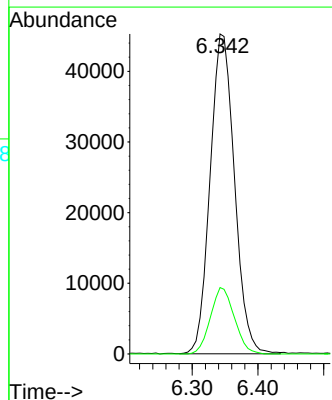
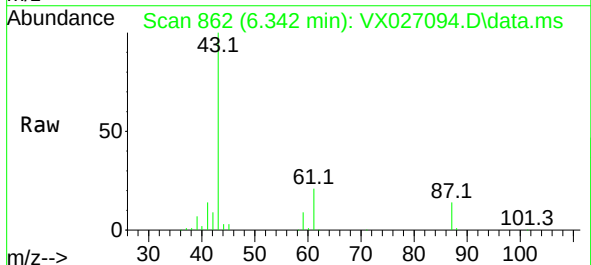
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

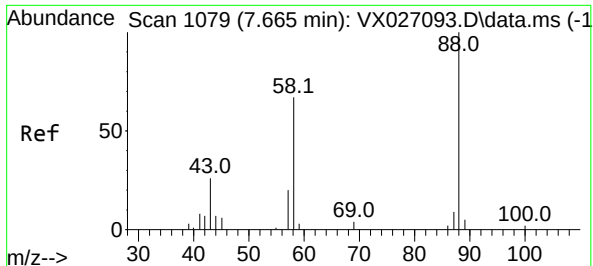
Tgt Ion: 43 Resp: 75463
Ion Ratio Lower Upper
43 100
45 14.9 12.0 18.0



#44
Isopropyl Acetate
Concen: 46.517 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 43 Resp: 116704
Ion Ratio Lower Upper
43 100
61 20.4 16.4 24.6

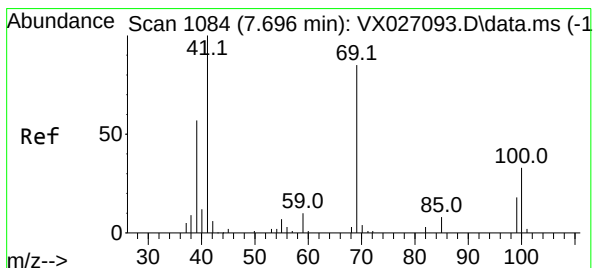
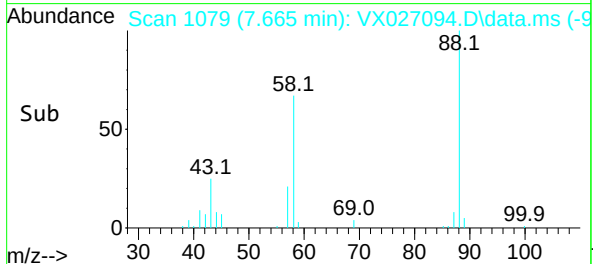
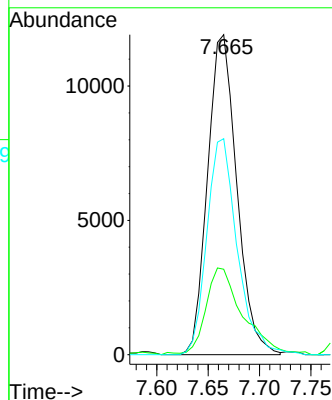
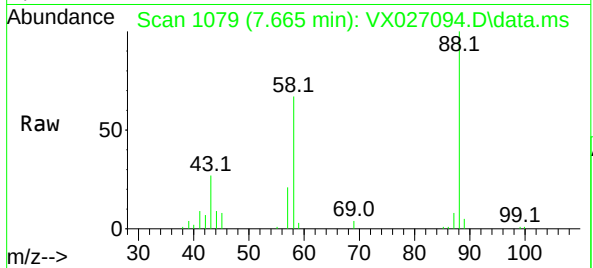




#45
1,4-Dioxane
Concen: 914.567 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

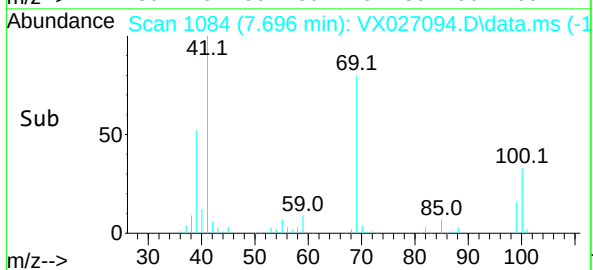
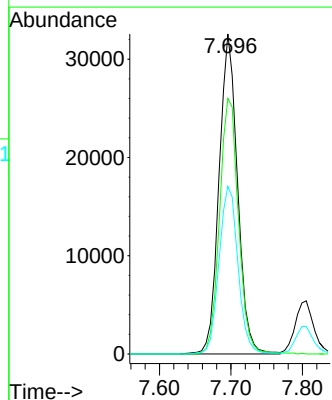
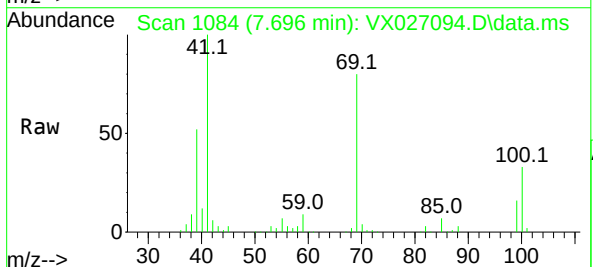
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

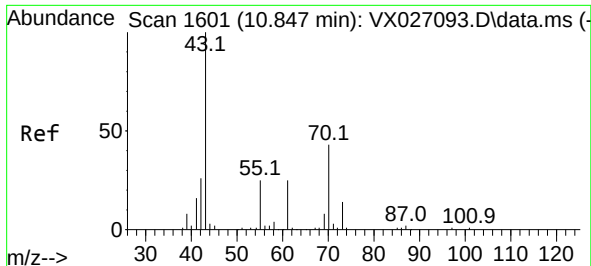
Tgt Ion: 88 Resp: 23577
Ion Ratio Lower Upper
88 100
43 32.3 28.3 42.5
58 70.3 55.4 83.2



#46
Methyl methacrylate
Concen: 48.034 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 41 Resp: 58351
Ion Ratio Lower Upper
41 100
69 79.8 42.6 127.8
39 52.4 28.4 85.3

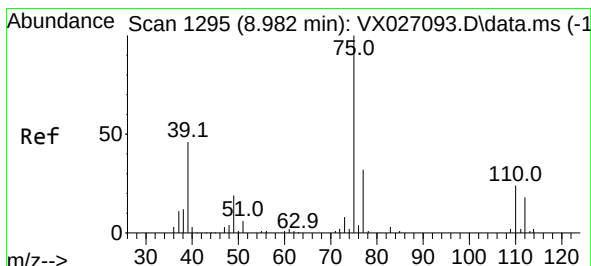
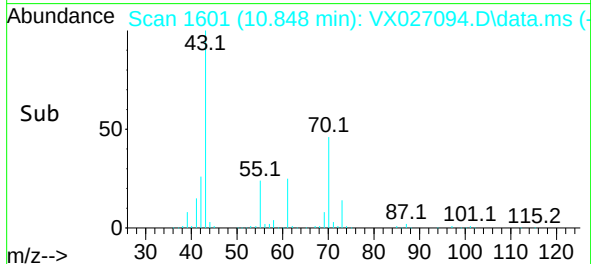
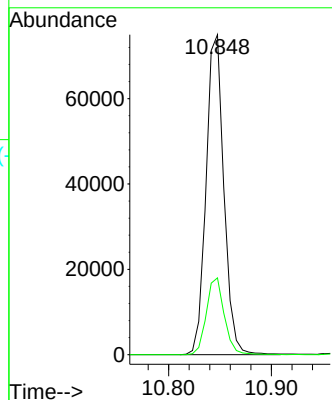
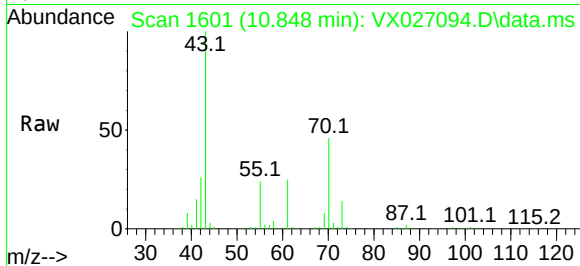




#47
n-amyl acetate
Concen: 42.820 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

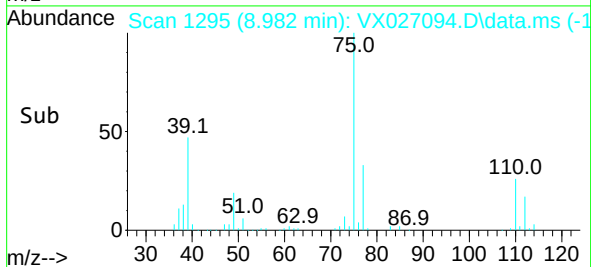
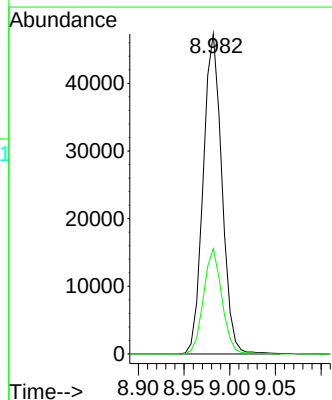
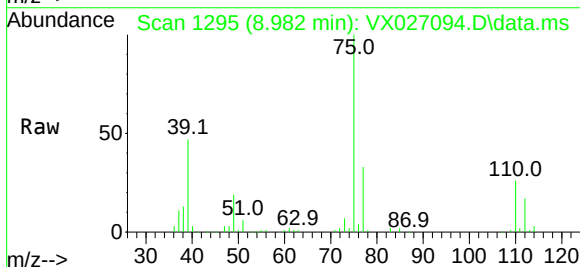
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

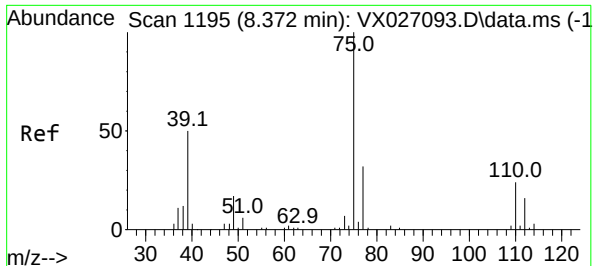
Tgt Ion: 43 Resp: 90377
Ion Ratio Lower Upper
43 100
55 24.2 19.7 29.5



#48
t-1,3-Dichloropropene
Concen: 45.263 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 75 Resp: 67056
Ion Ratio Lower Upper
75 100
77 32.9 25.9 38.9





#49

cis-1,3-Dichloropropene

Concen: 47.279 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

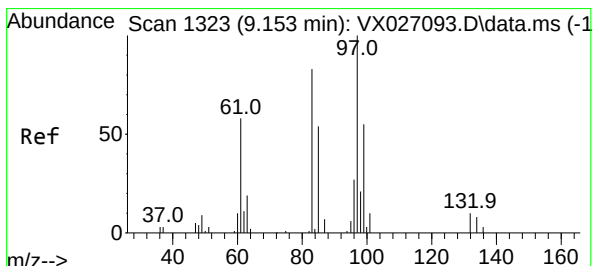
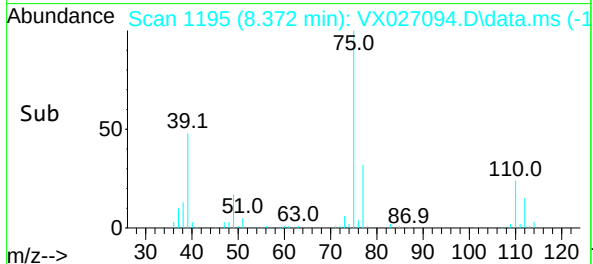
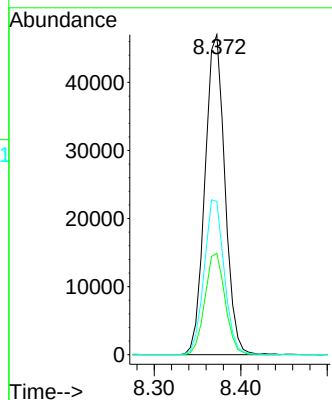
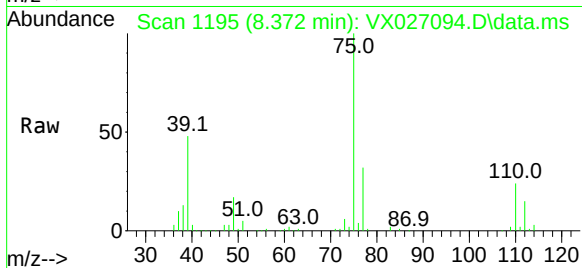
Tgt Ion: 75 Resp: 75256

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 47.9 40.1 60.1



#50

1,1,2-Trichloroethane

Concen: 45.136 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Tgt Ion: 97 Resp: 46707

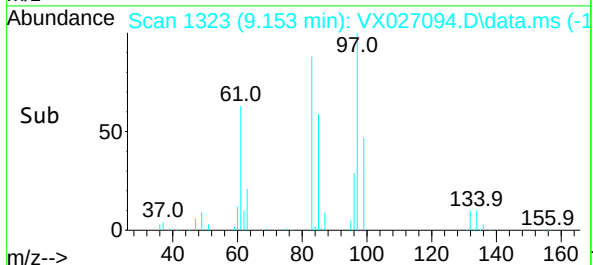
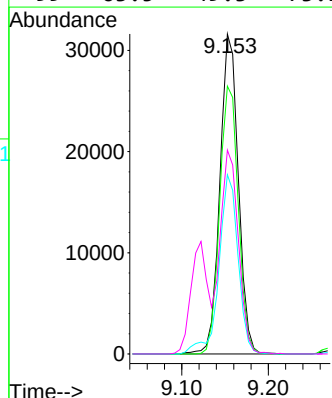
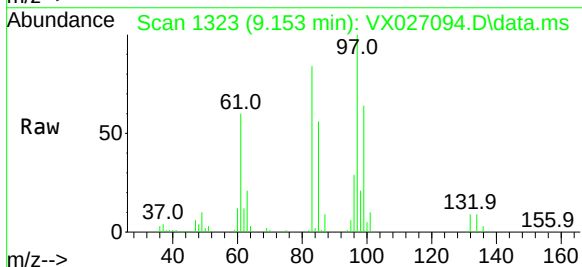
Ion Ratio Lower Upper

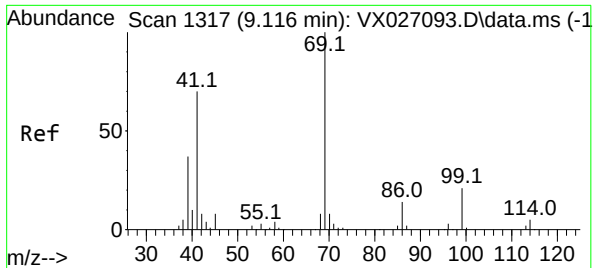
97 100

83 83.7 66.5 99.7

85 56.0 43.8 65.8

99 63.5 49.3 73.9

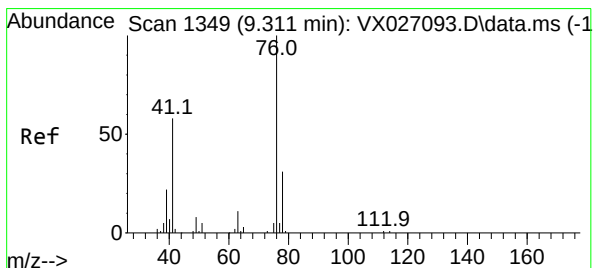
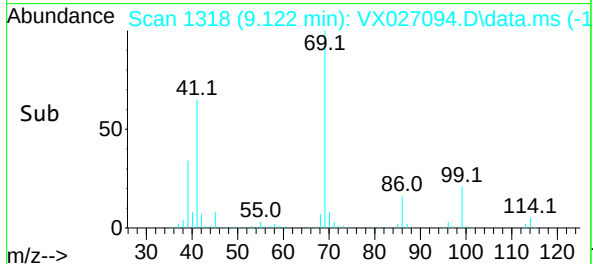
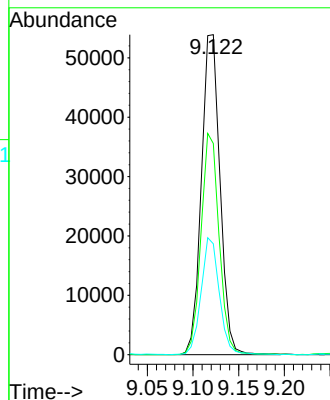
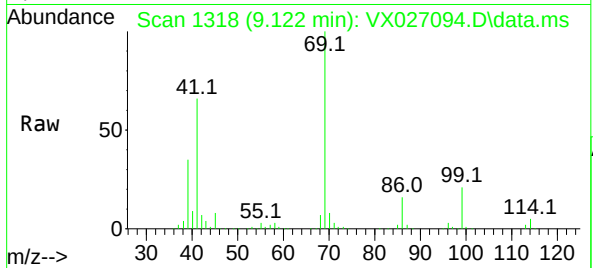




#51
Ethyl methacrylate
Concen: 46.890 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

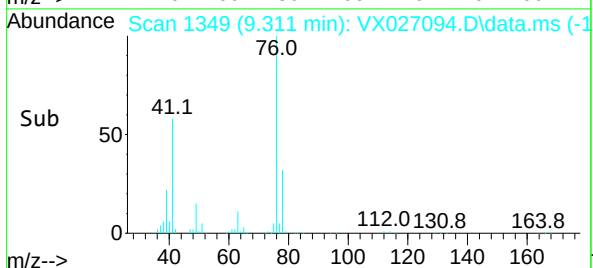
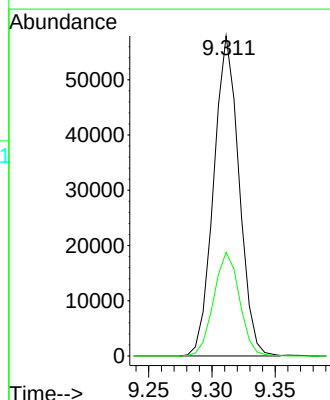
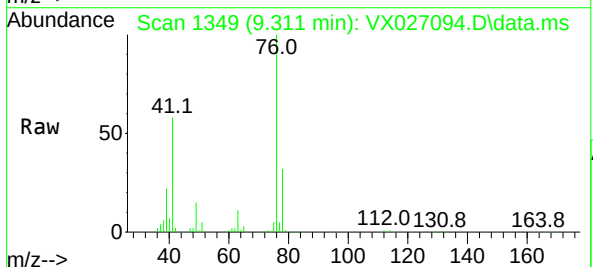
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

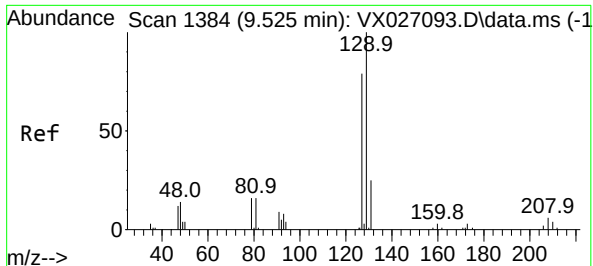
Tgt Ion: 69 Resp: 76719
Ion Ratio Lower Upper
69 100
41 65.9 34.8 104.3
39 34.7 18.5 55.5



#52
1,3-Dichloropropane
Concen: 47.422 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 76 Resp: 80657
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.2





#53

Dibromochloromethane

Concen: 47.986 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

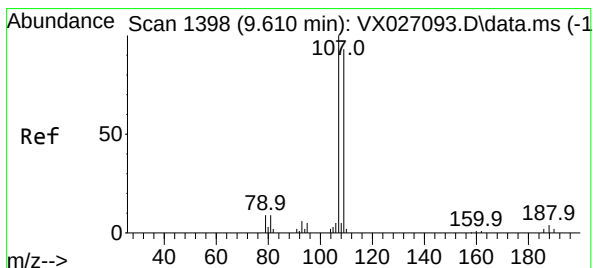
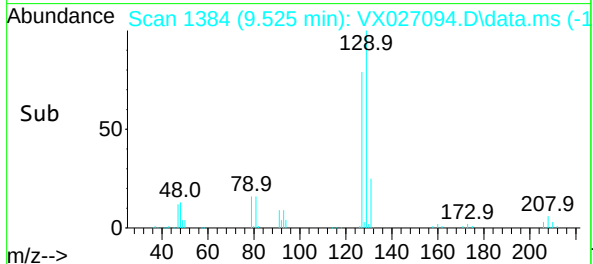
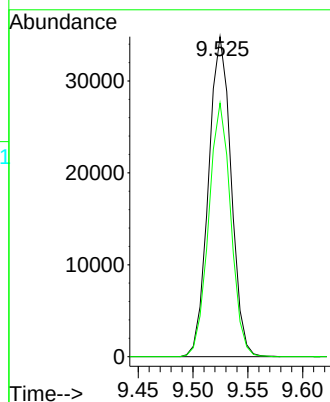
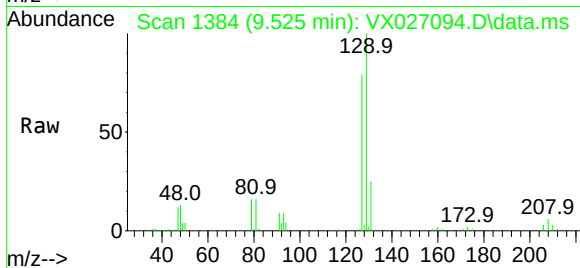
VSTDIC050

Tgt Ion:129 Resp: 50069

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.2



#54

1,2-Dibromoethane

Concen: 46.602 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX027094.D

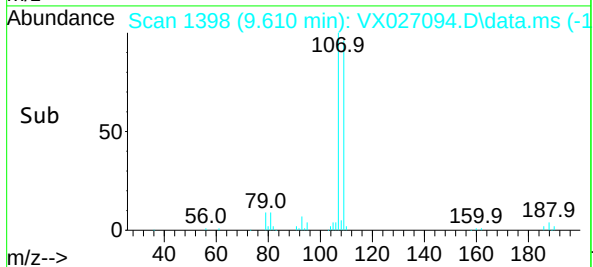
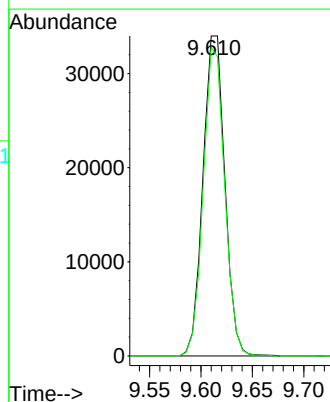
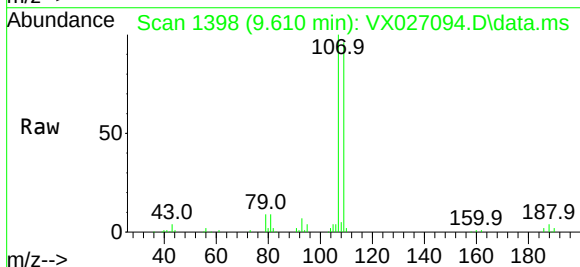
Acq: 17 Feb 2022 22:44

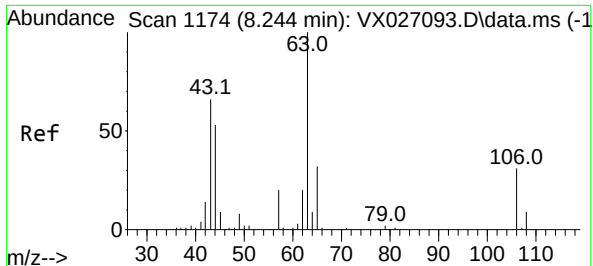
Tgt Ion:107 Resp: 50636

Ion Ratio Lower Upper

107 100

109 94.1 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 242.801 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

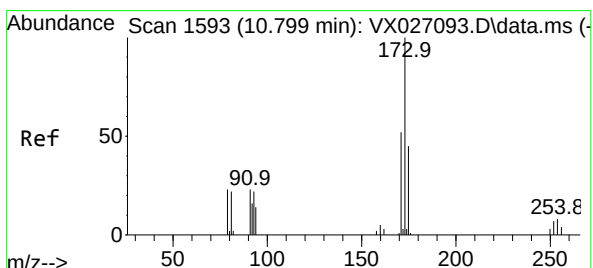
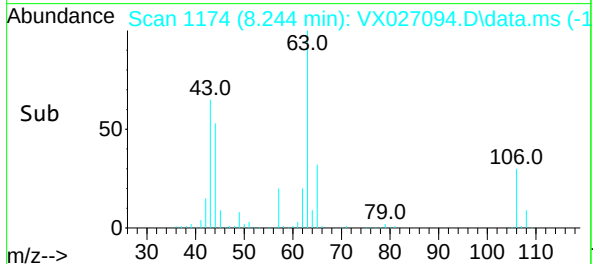
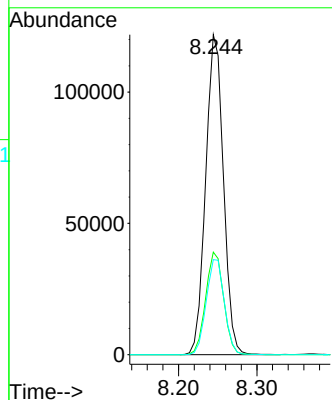
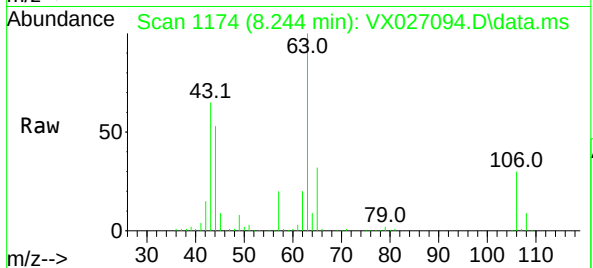
Tgt Ion: 63 Resp: 191514

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9

106 30.3 24.2 36.4



#56

Bromoform

Concen: 46.177 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

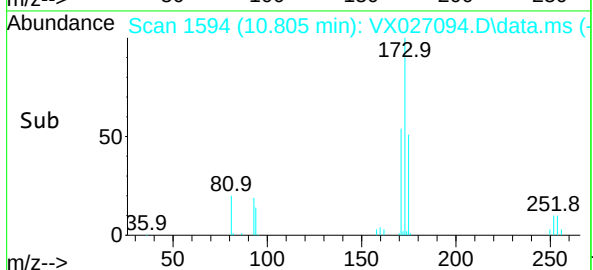
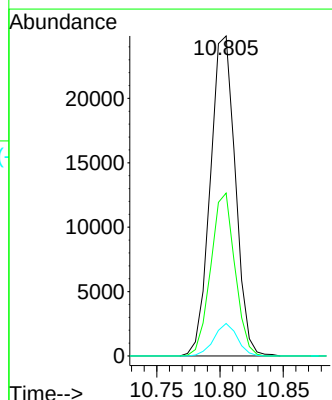
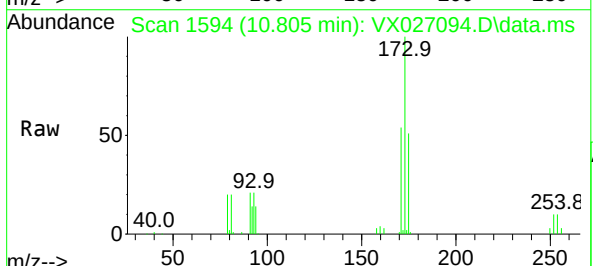
Tgt Ion:173 Resp: 34172

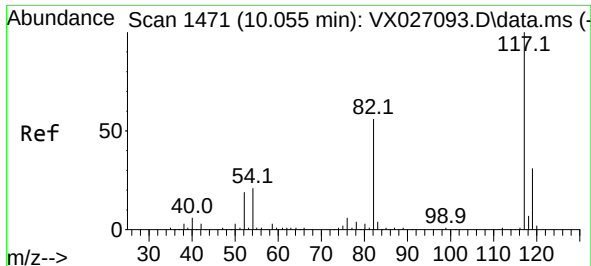
Ion Ratio Lower Upper

173 100

175 49.1 38.5 57.7

254 9.5 7.0 10.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

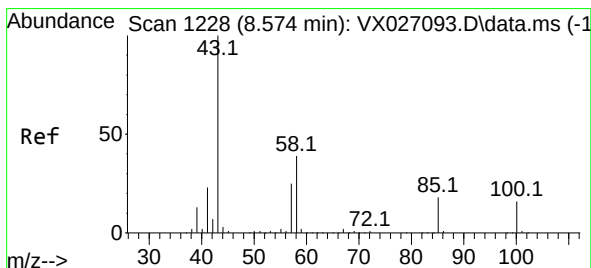
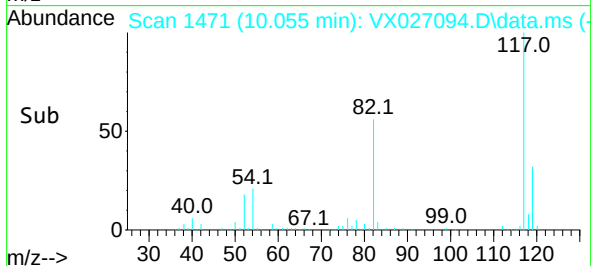
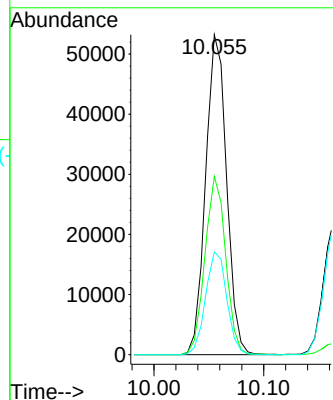
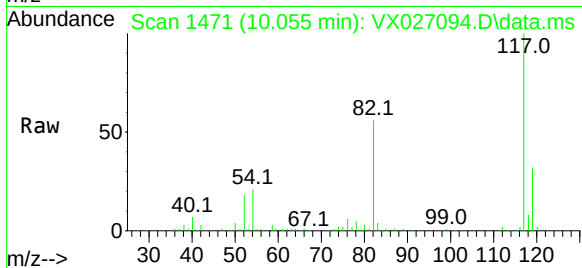
Tgt Ion:117 Resp: 70595

Ion Ratio Lower Upper

117 100

82 55.1 44.1 66.1

119 32.6 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 241.321 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

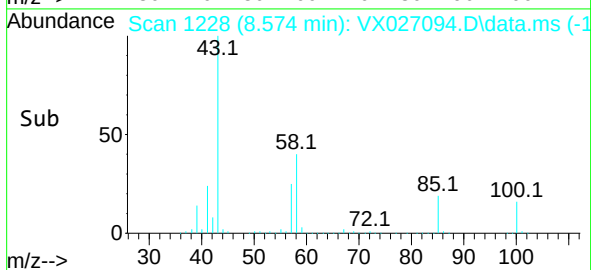
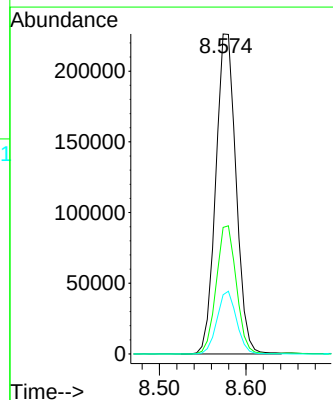
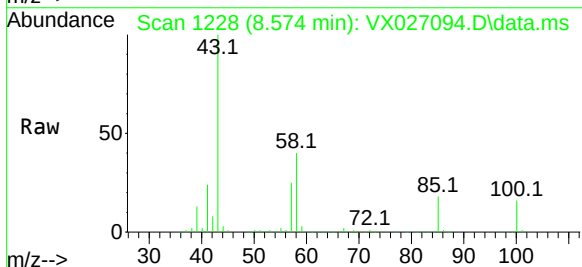
Tgt Ion: 43 Resp: 367965

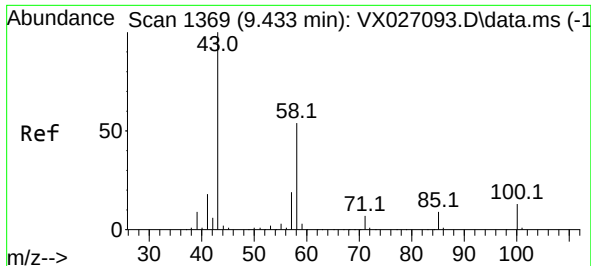
Ion Ratio Lower Upper

43 100

58 39.7 31.2 46.8

85 18.9 14.8 22.2





#59

2-Hexanone

Concen: 238.069 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

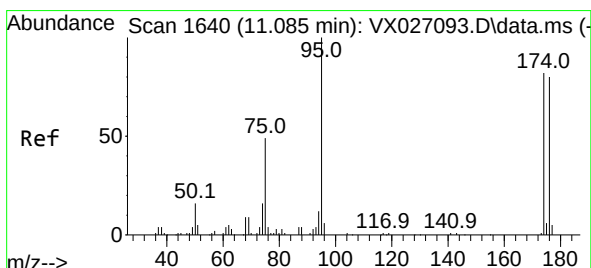
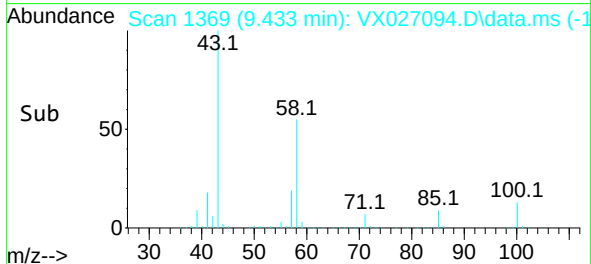
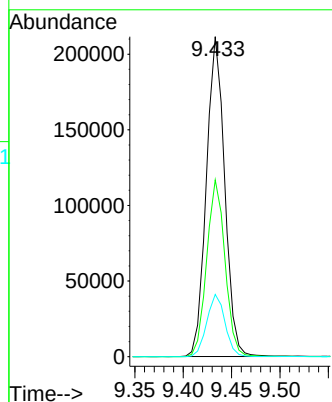
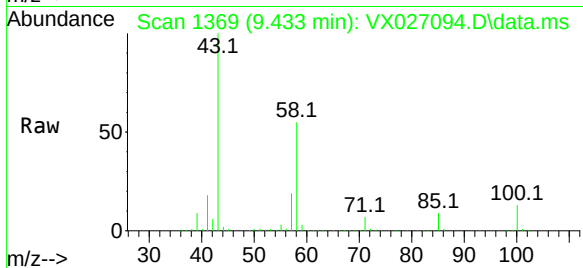
Tgt Ion: 43 Resp: 279085

Ion Ratio Lower Upper

43 100

58 55.2 43.4 65.2

57 19.4 15.4 23.2



#60

4-Bromofluorobenzene

Concen: 29.290 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

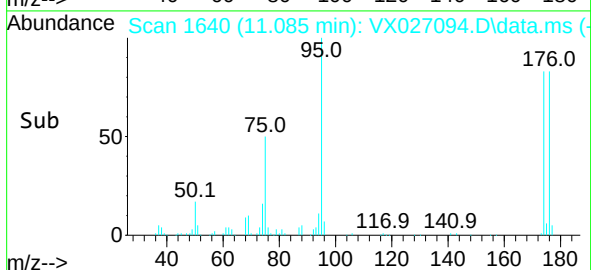
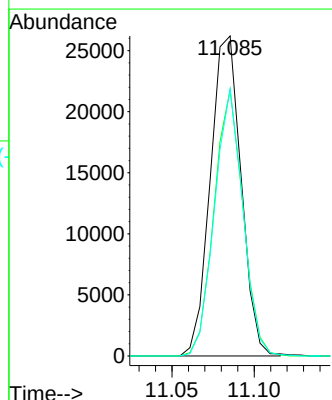
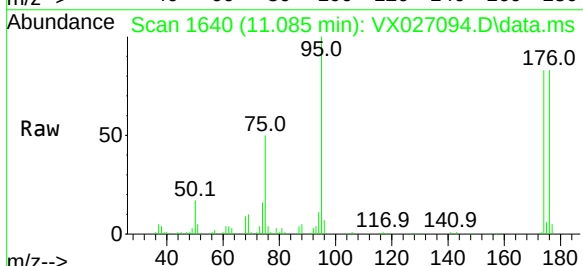
Tgt Ion: 95 Resp: 34013

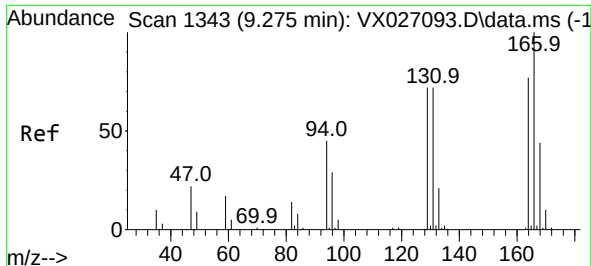
Ion Ratio Lower Upper

95 100

174 78.0 61.8 92.8

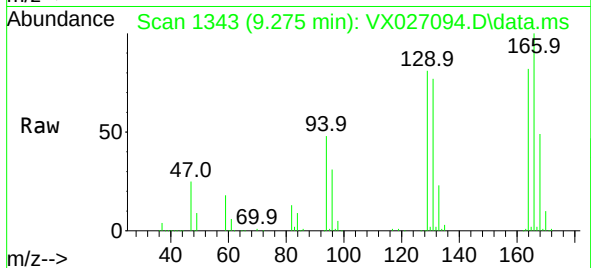
176 76.9 59.4 89.2



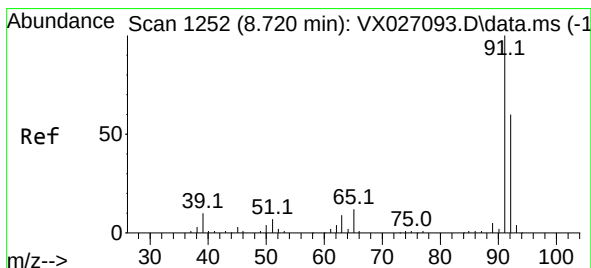
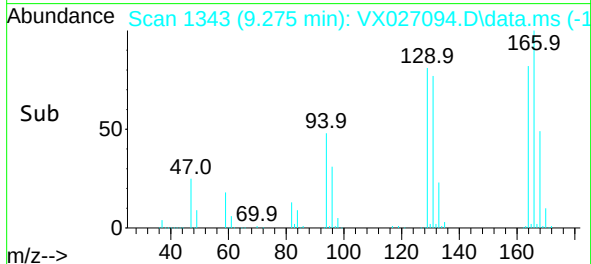
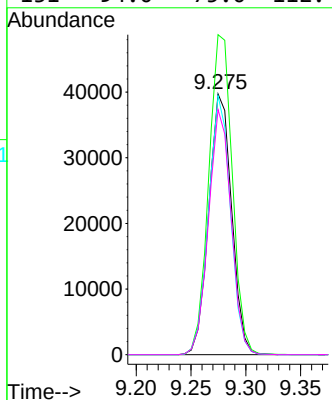


#61
Tetrachloroethene
Concen: 57.668 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

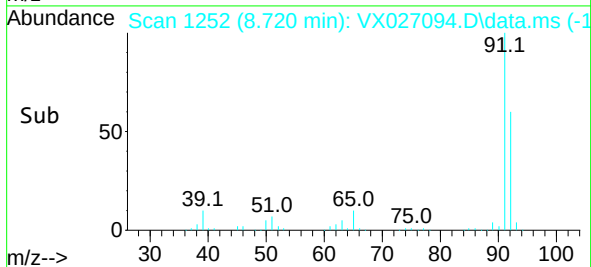
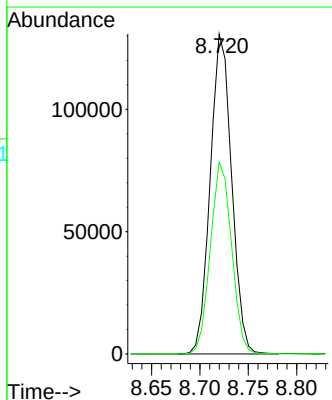
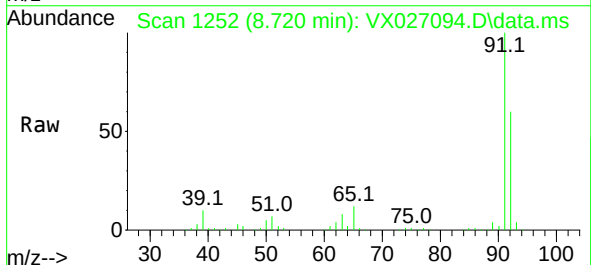


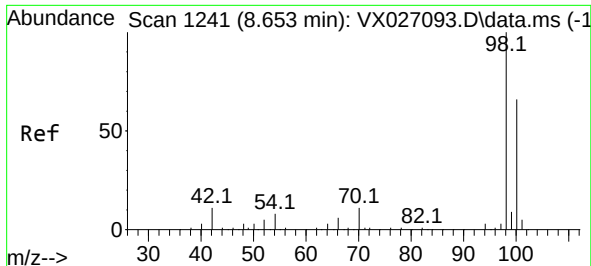
Tgt Ion:164 Resp: 57788
Ion Ratio Lower Upper
164 100
166 122.7 104.6 156.8
129 99.2 75.6 113.4
131 94.0 75.0 112.4



#62
Toluene
Concen: 49.766 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 91 Resp: 201174
Ion Ratio Lower Upper
91 100
92 59.4 47.0 70.6

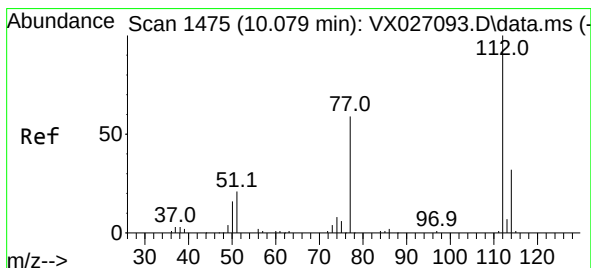
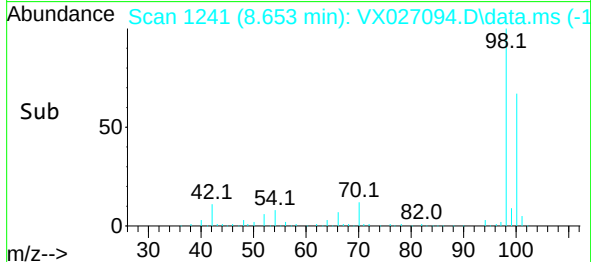
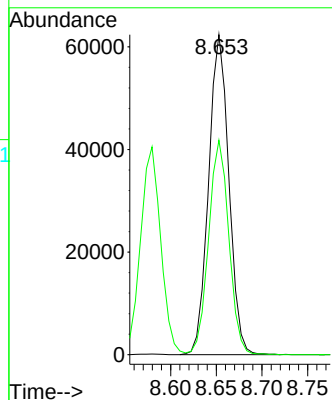
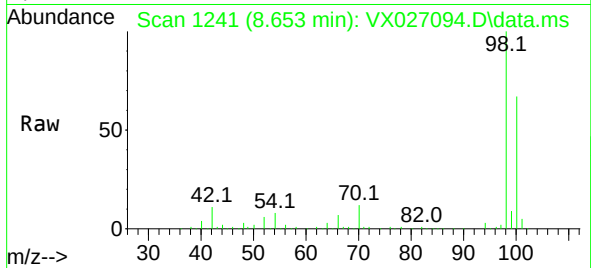




#63
Toluene-d8
Concen: 30.221 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

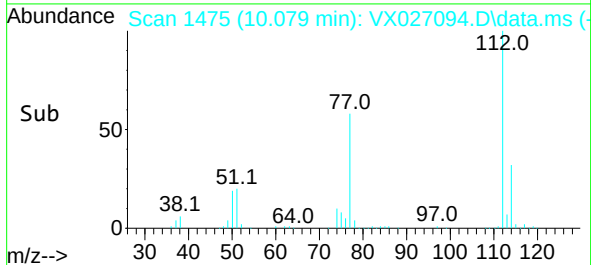
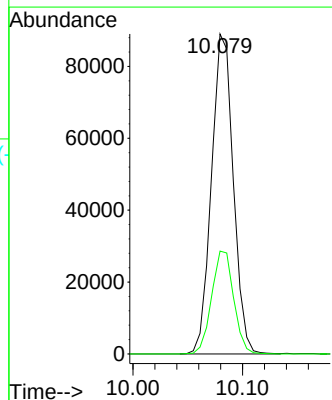
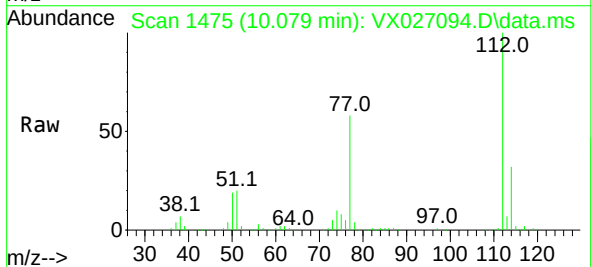
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

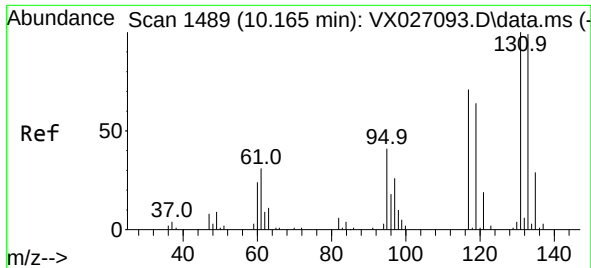
Tgt Ion: 98 Resp: 95830
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#64
Chlorobenzene
Concen: 48.502 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 112 Resp: 123146
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

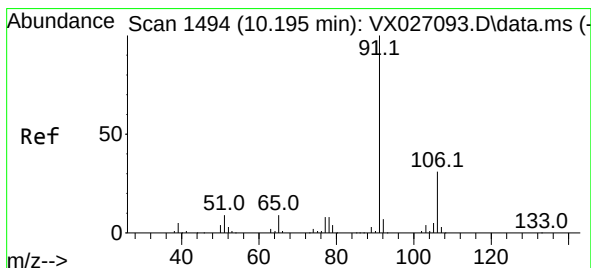
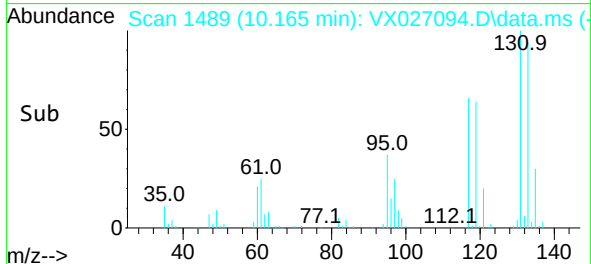
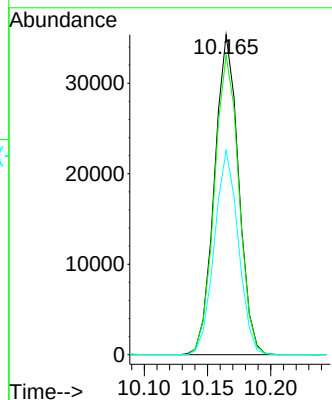
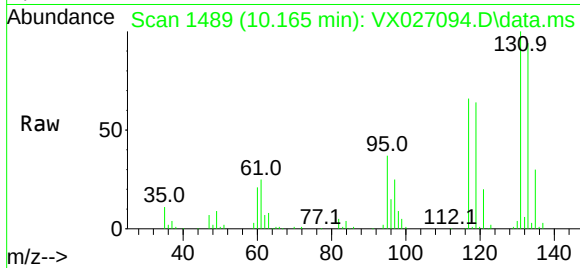




#65
 1,1,1,2-Tetrachloroethane
 Concen: 49.736 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

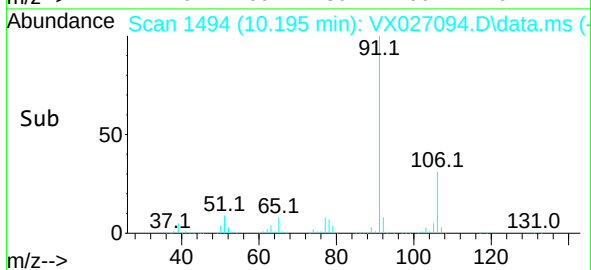
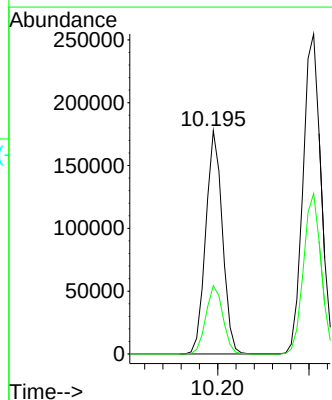
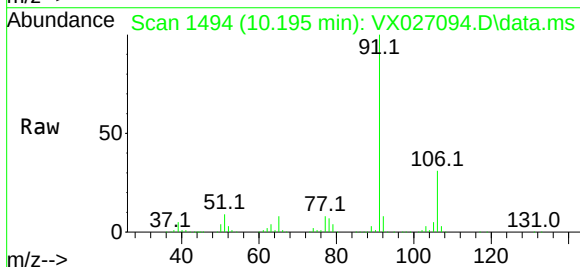
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

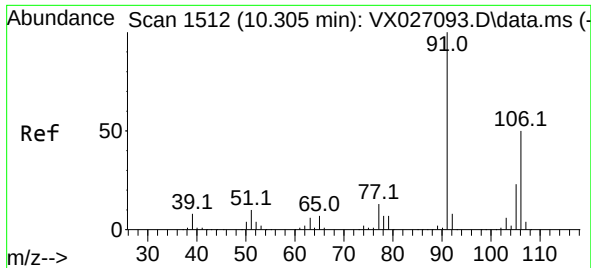
Tgt Ion:	131	Resp:	46785
Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	193.6
119	63.4	0.0	129.4



#66
 Ethyl Benzene
 Concen: 49.954 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

Tgt Ion:	91	Resp:	224057
Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.4





#67

m/p-Xylenes

Concen: 98.914 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

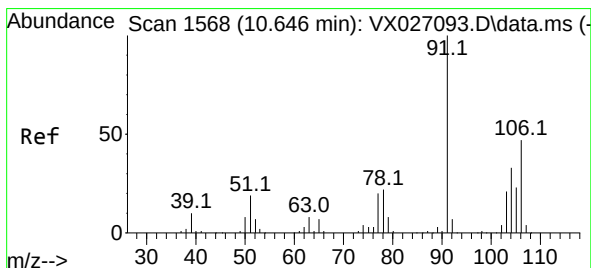
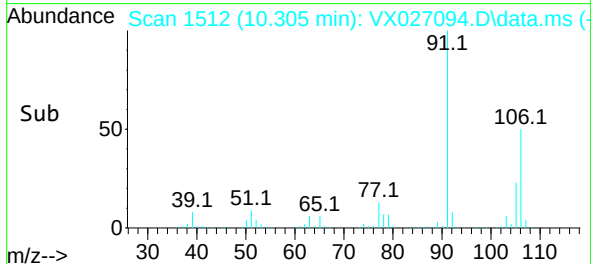
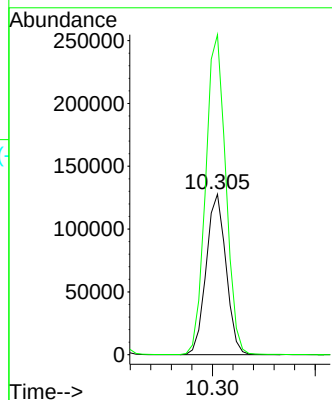
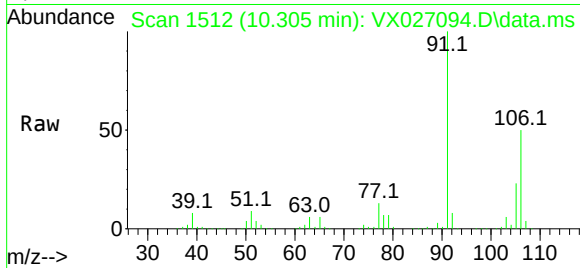
VSTDIC050

Tgt Ion:106 Resp: 171384

Ion Ratio Lower Upper

106 100

91 202.4 162.4 243.6



#68

o-Xylene

Concen: 49.278 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX027094.D

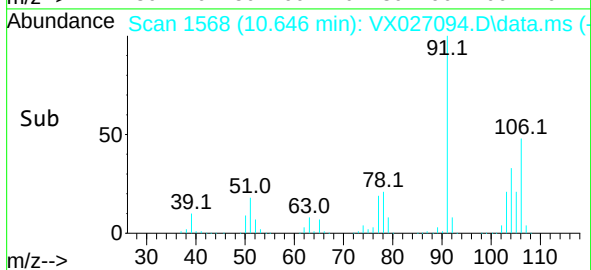
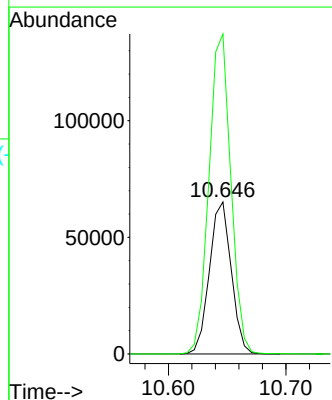
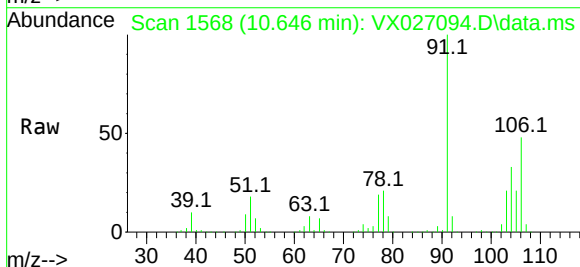
Acq: 17 Feb 2022 22:44

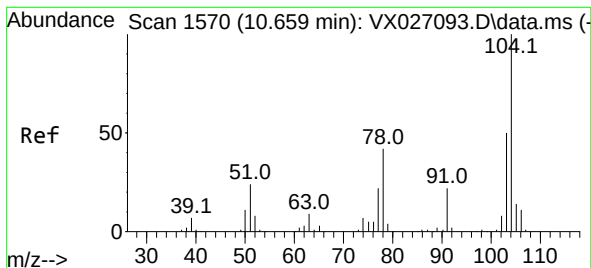
Tgt Ion:106 Resp: 84186

Ion Ratio Lower Upper

106 100

91 210.8 104.9 314.7





#69

Styrene

Concen: 49.915 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

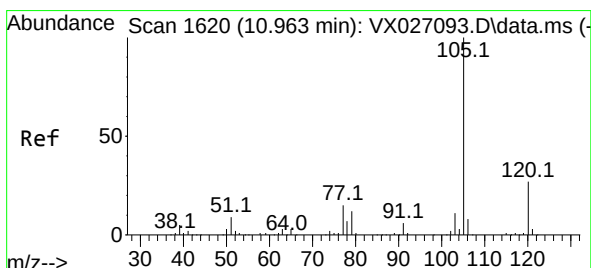
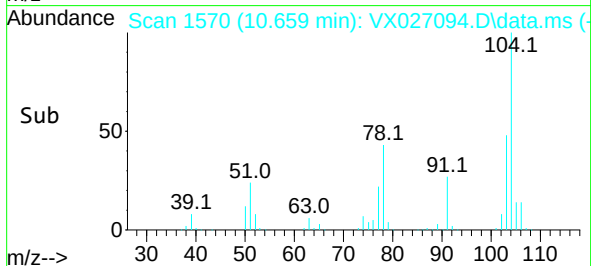
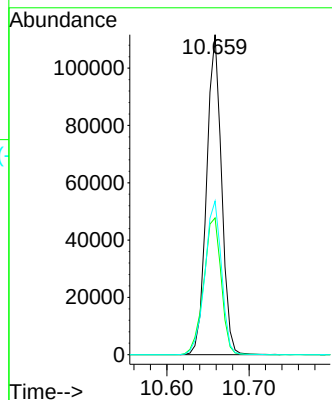
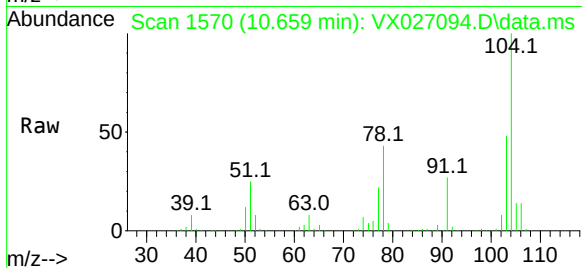
Tgt Ion:104 Resp: 140794

Ion Ratio Lower Upper

104 100

78 50.0 40.0 60.0

103 53.5 43.6 65.4



#70

Isopropylbenzene

Concen: 48.391 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX027094.D

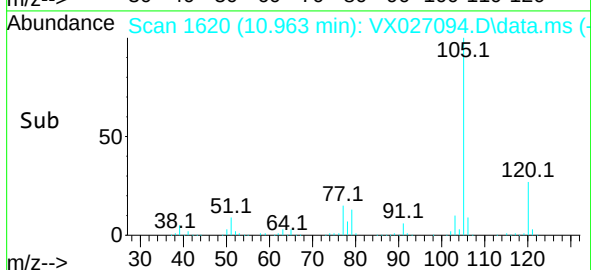
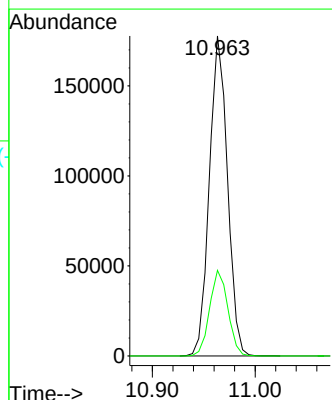
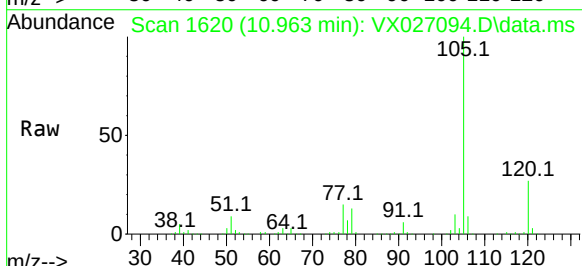
Acq: 17 Feb 2022 22:44

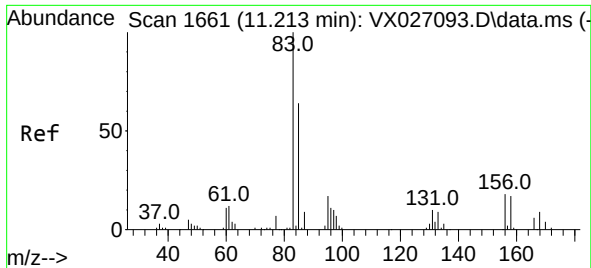
Tgt Ion:105 Resp: 217487

Ion Ratio Lower Upper

105 100

120 26.9 18.7 34.7

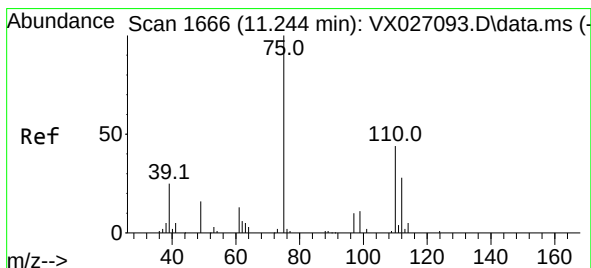
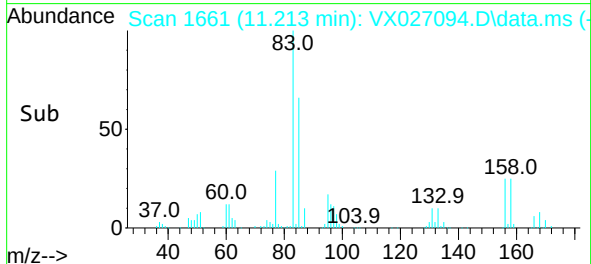
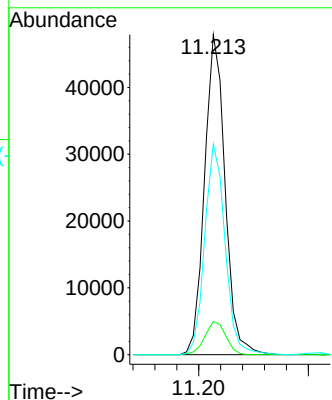
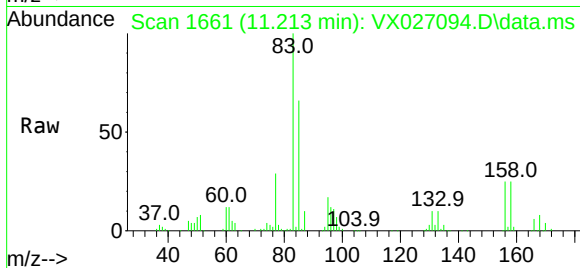




#71
 1,1,2,2-Tetrachloroethane
 Concen: 44.342 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

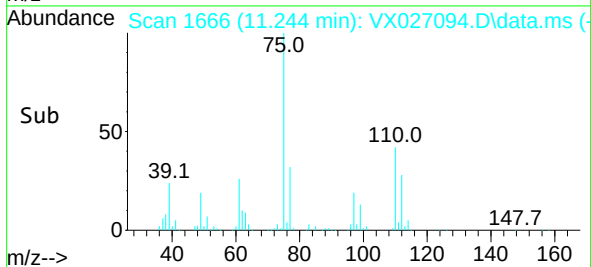
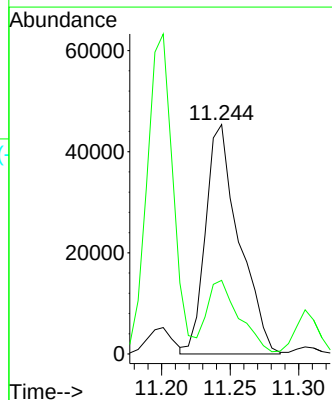
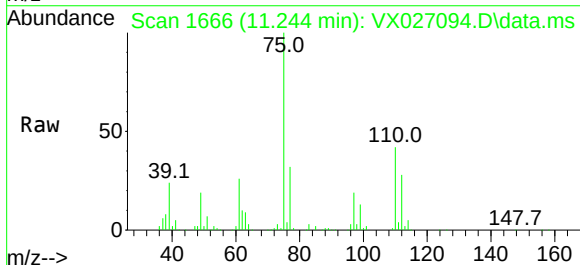
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

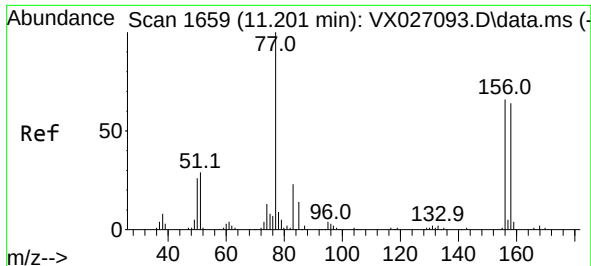
Tgt Ion: 83 Resp: 62233
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 15.9
 85 65.5 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 58.262 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

Tgt Ion: 75 Resp: 77175
 Ion Ratio Lower Upper
 75 100
 77 30.9 0.0 74.0

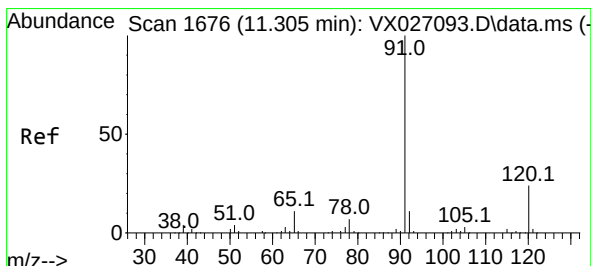
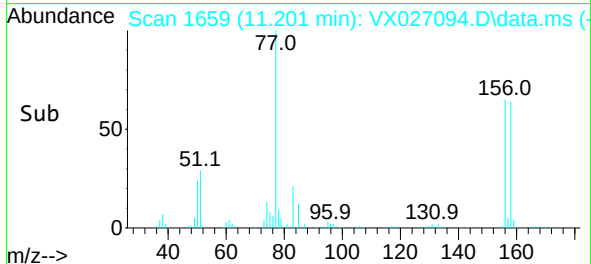
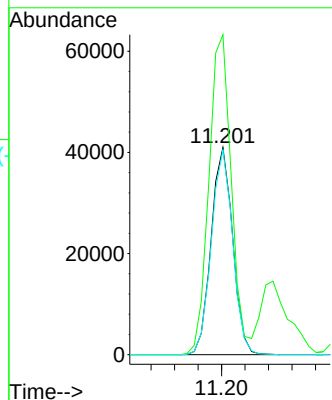
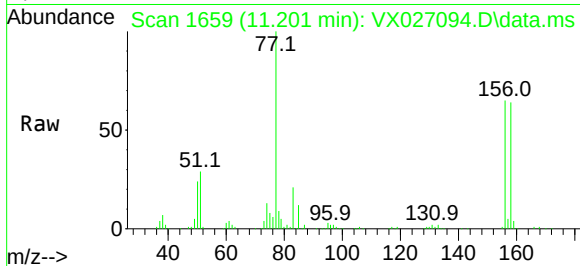




#73
Bromobenzene
Concen: 47.735 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

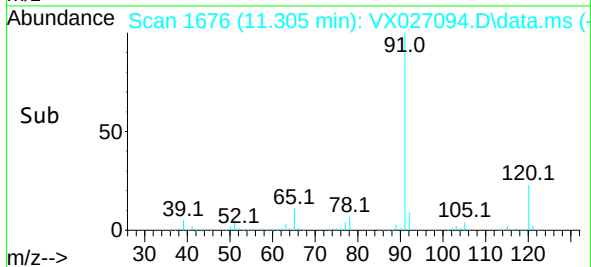
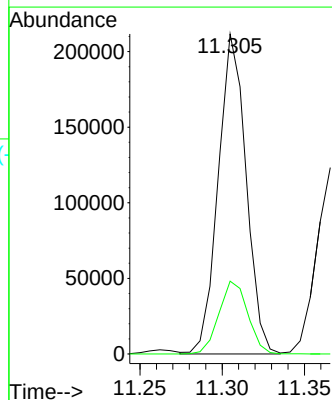
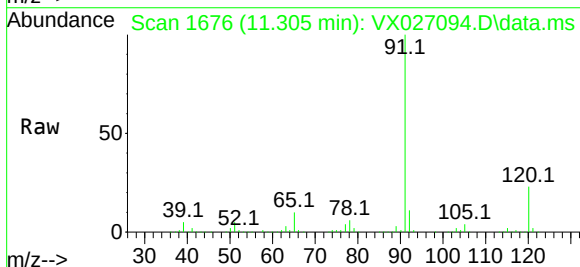
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

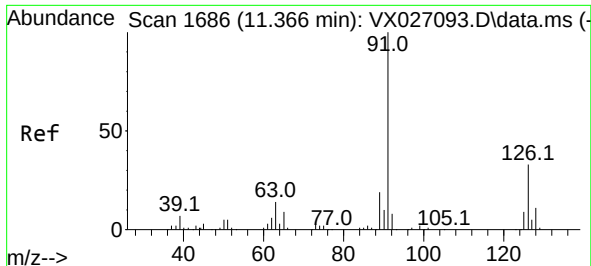
Tgt Ion:156 Resp: 52137
Ion Ratio Lower Upper
156 100
77 160.4 0.0 318.0
158 97.8 0.0 191.8



#74
n-propylbenzene
Concen: 48.192 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 91 Resp: 249408
Ion Ratio Lower Upper
91 100
120 23.5 0.0 46.4

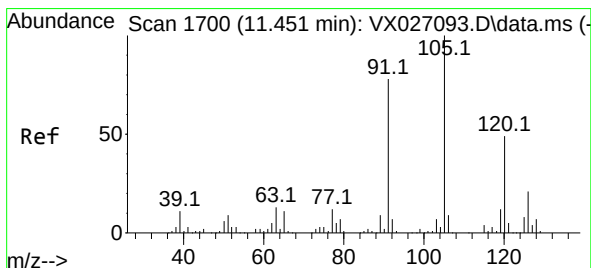
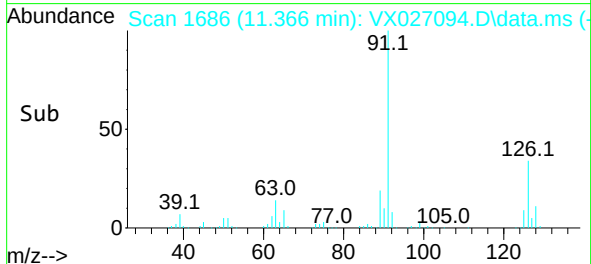
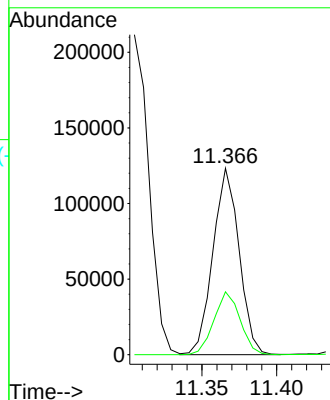
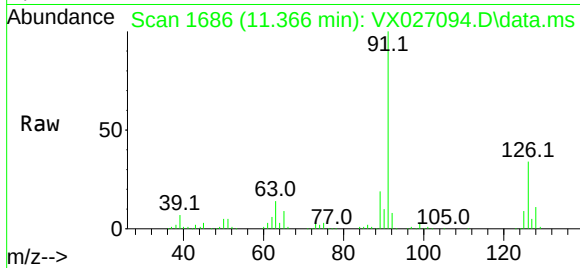




#75
2-Chlorotoluene
Concen: 48.236 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

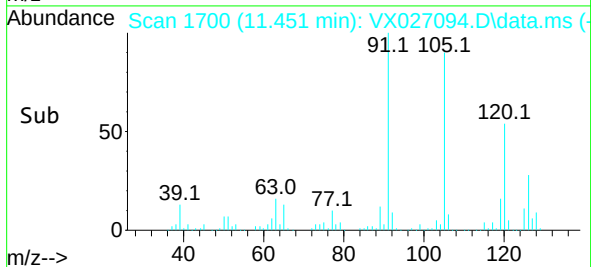
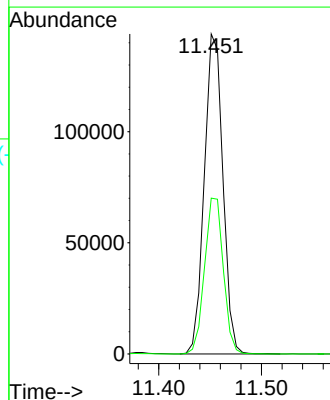
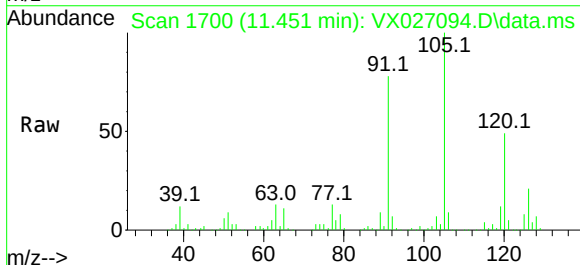
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

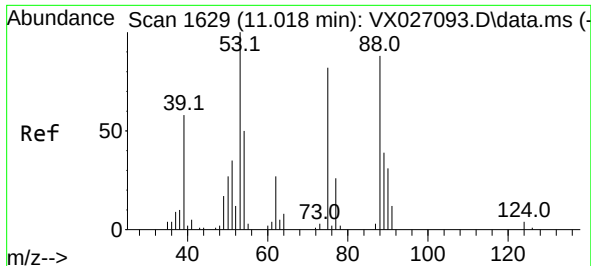
Tgt Ion: 91 Resp: 150291
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 48.728 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 105 Resp: 181466
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0

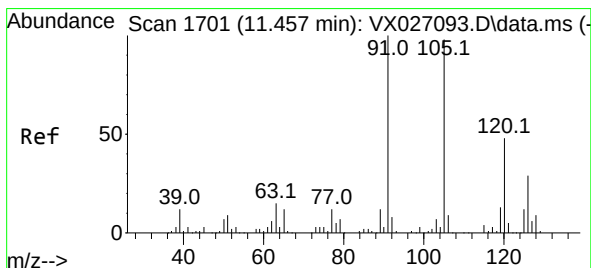
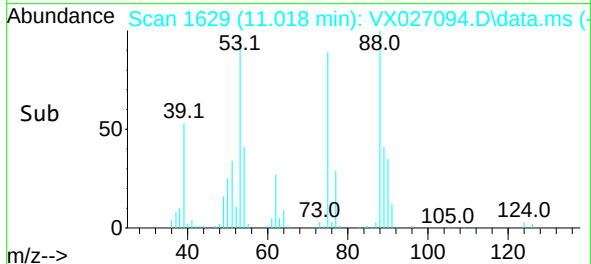
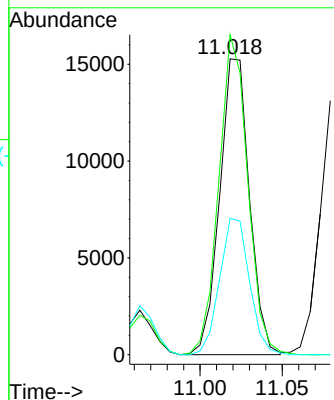
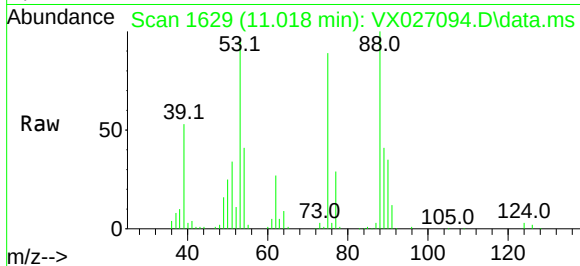




#77
t-1,4-Dichloro-2-butene
Concen: 42.299 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

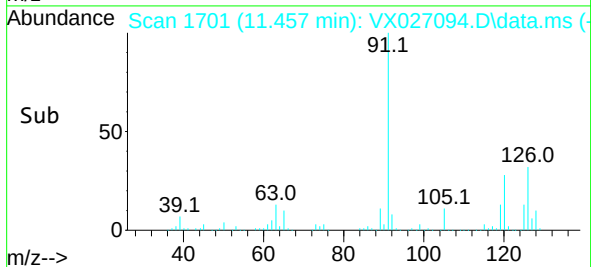
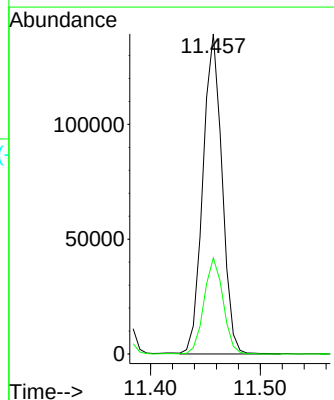
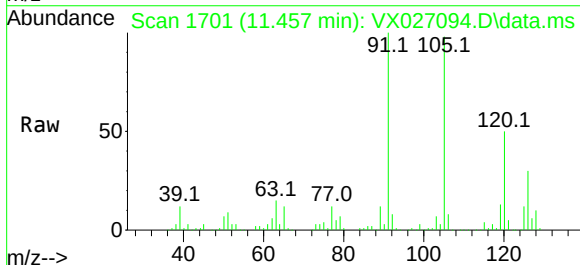
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

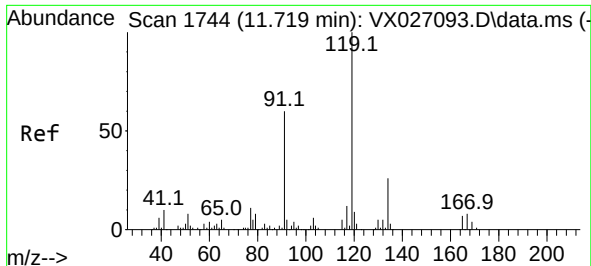
Tgt Ion: 75 Resp: 19294
Ion Ratio Lower Upper
75 100
53 108.1 60.8 182.3
89 46.1 23.8 71.2



#78
4-Chlorotoluene
Concen: 48.063 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 91 Resp: 169163
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.0





#79

tert-butylbenzene

Concen: 48.130 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

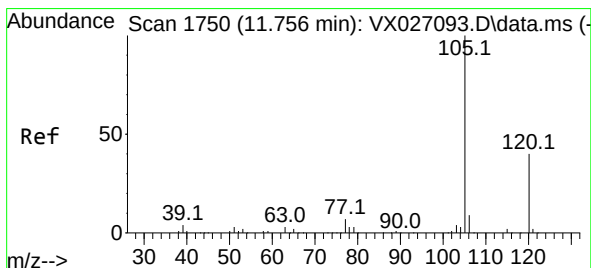
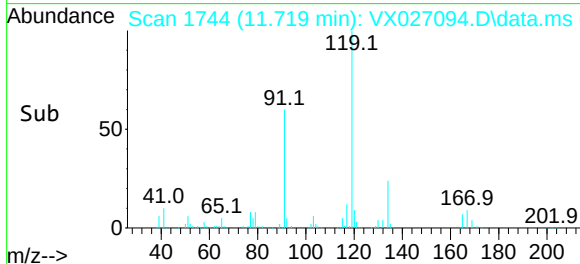
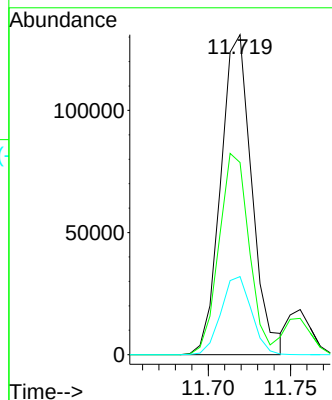
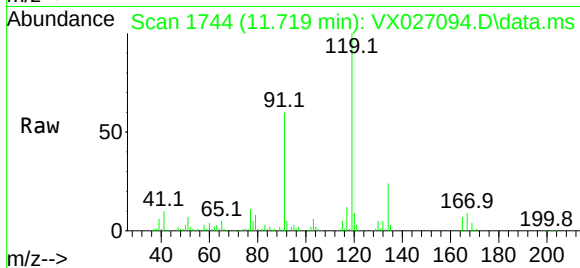
Tgt Ion:119 Resp: 172785

Ion Ratio Lower Upper

119 100

91 60.8 0.0 124.2

134 23.8 0.0 50.4



#80

1,2,4-Trimethylbenzene

Concen: 48.932 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX027094.D

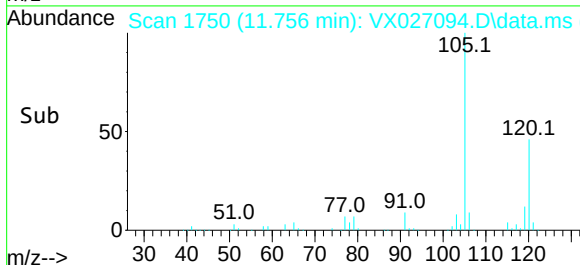
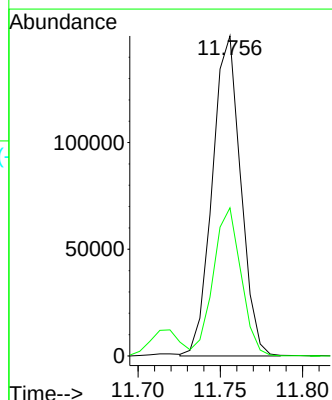
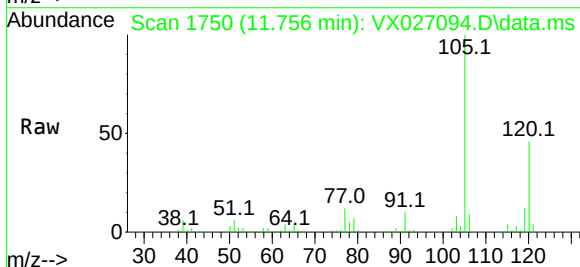
Acq: 17 Feb 2022 22:44

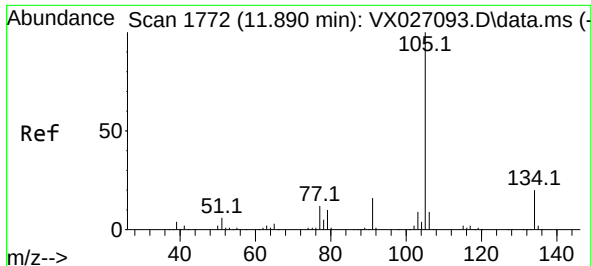
Tgt Ion:105 Resp: 180316

Ion Ratio Lower Upper

105 100

120 45.3 0.0 89.2

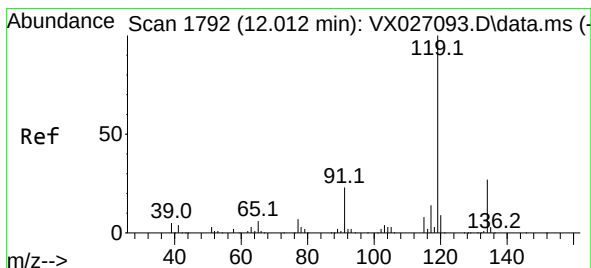
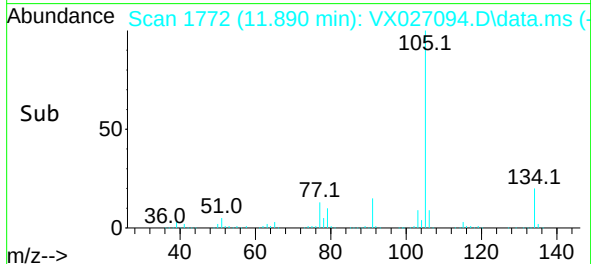
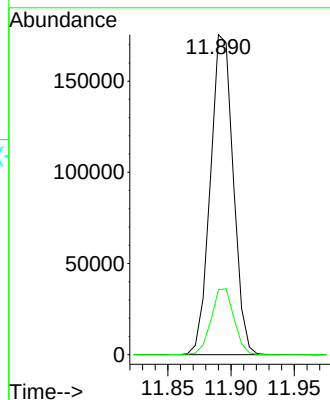
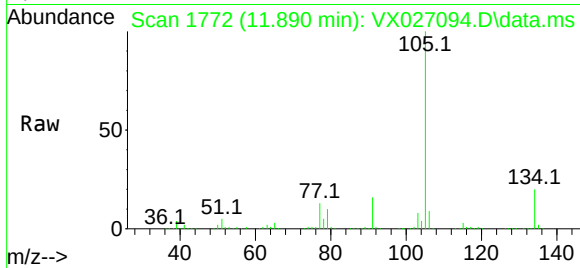




#81
 sec-Butylbenzene
 Concen: 47.782 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

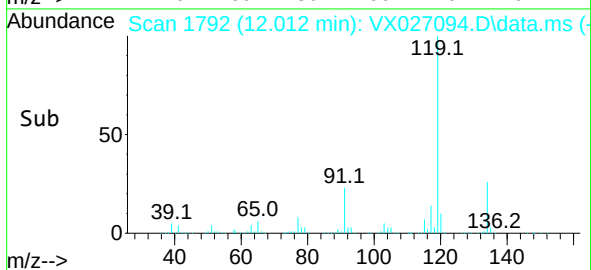
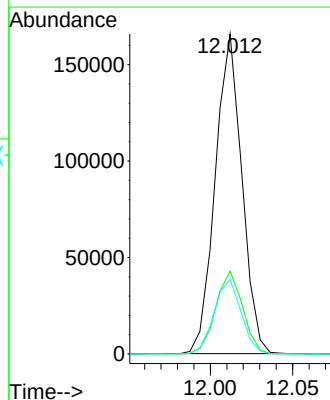
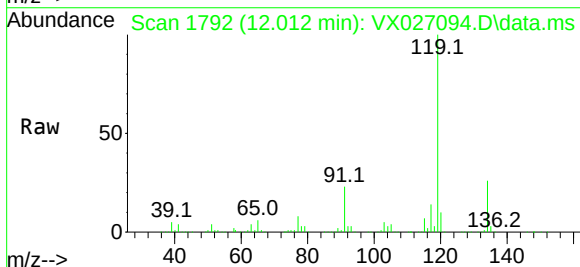
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

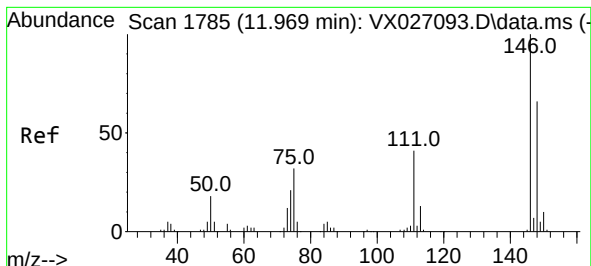
Tgt Ion:105 Resp: 220850
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 48.930 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

Tgt Ion:119 Resp: 186493
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.8
 91 23.9 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 48.730 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

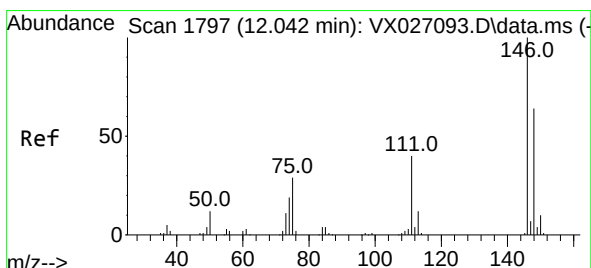
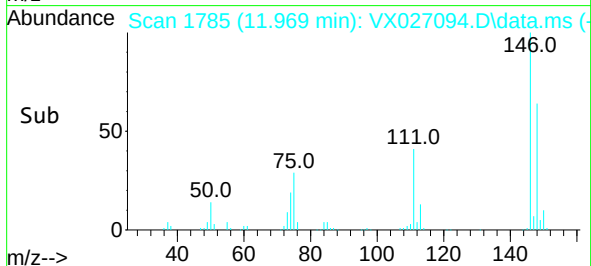
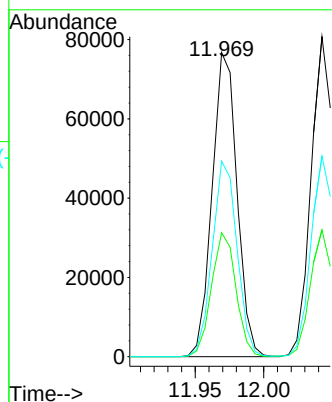
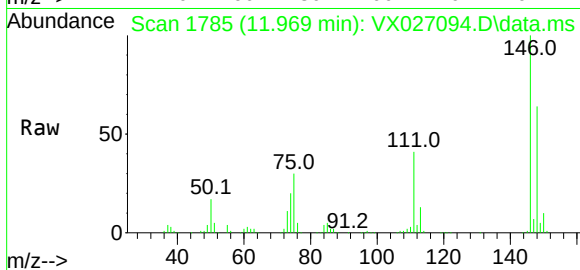
Tgt Ion:146 Resp: 96773

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.9

148 64.0 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 48.661 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027094.D

Acq: 17 Feb 2022 22:44

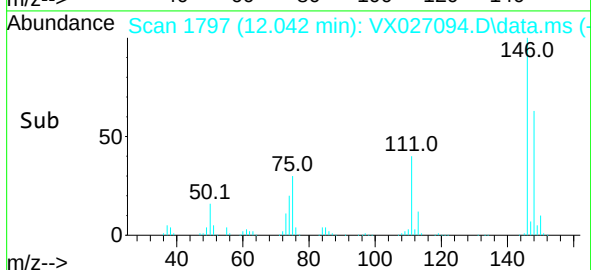
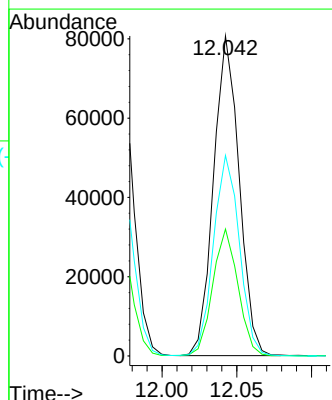
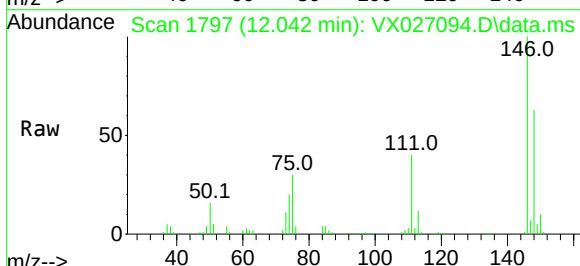
Tgt Ion:146 Resp: 96055

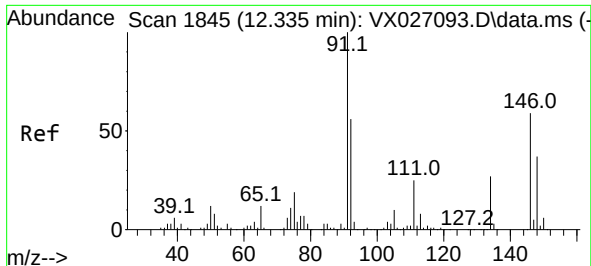
Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 63.7 32.0 96.2

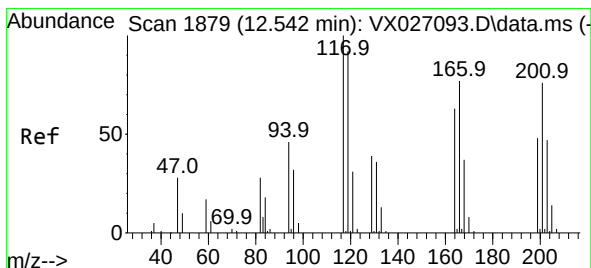
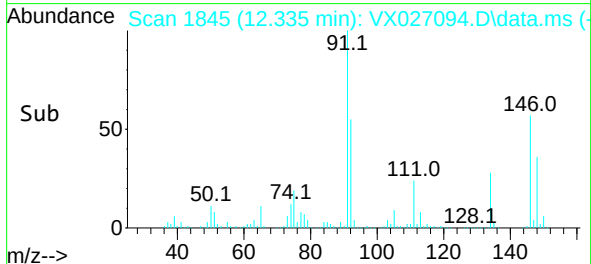
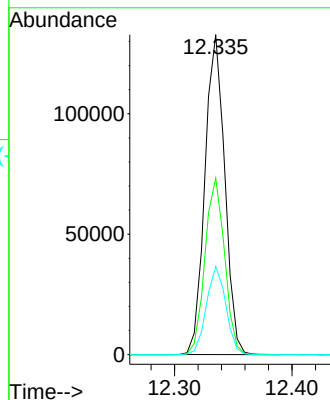
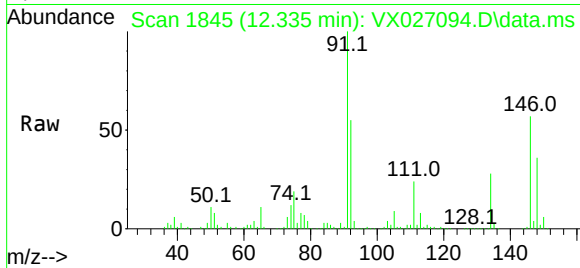




#85
n-Butylbenzene
Concen: 46.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

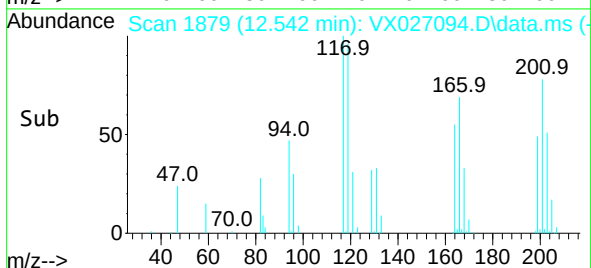
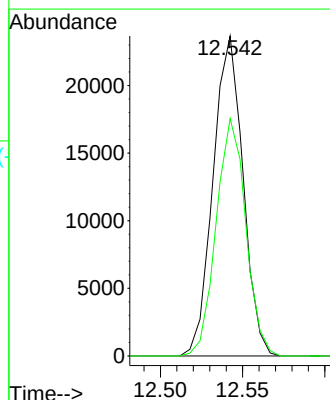
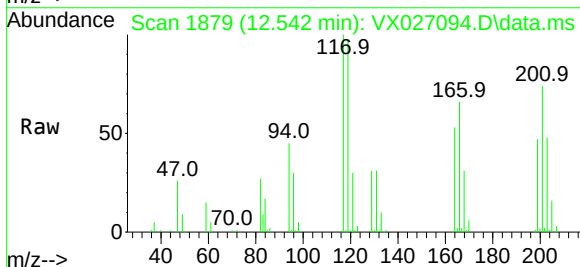
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

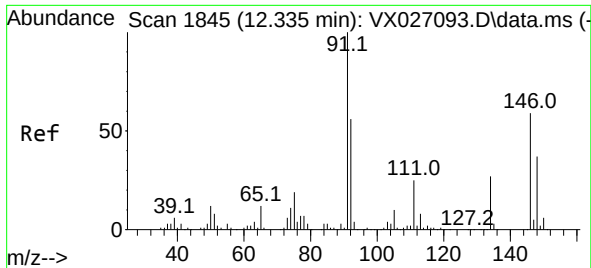
Tgt Ion: 91 Resp: 155463
Ion Ratio Lower Upper
91 100
92 54.7 0.0 111.2
134 27.1 0.0 53.8



#86
Hexachloroethane
Concen: 48.570 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion: 117 Resp: 29920
Ion Ratio Lower Upper
117 100
201 73.4 36.9 110.7

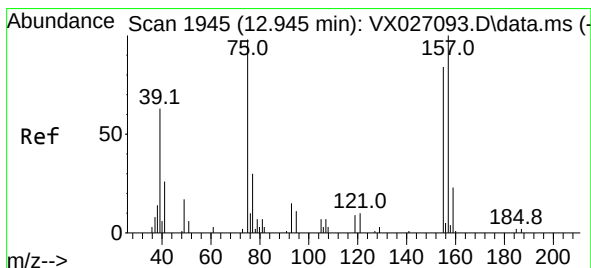
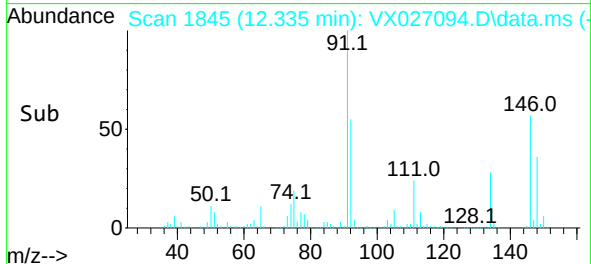
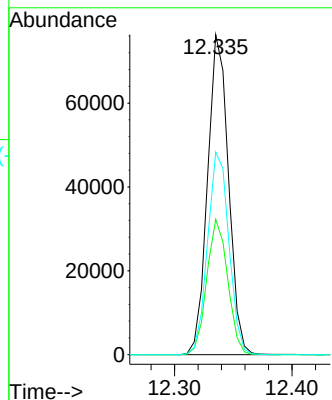
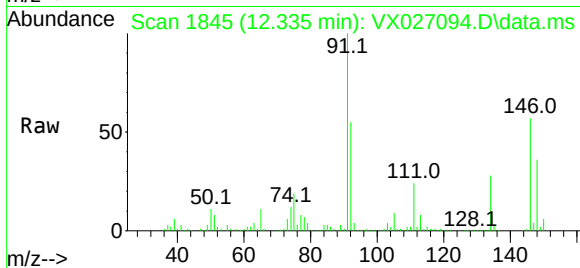




#87
 1,2-Dichlorobenzene
 Concen: 49.104 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

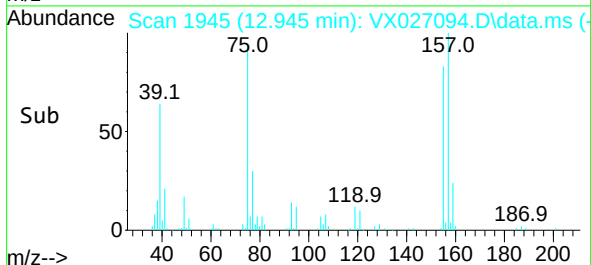
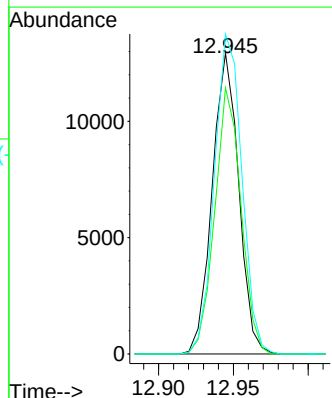
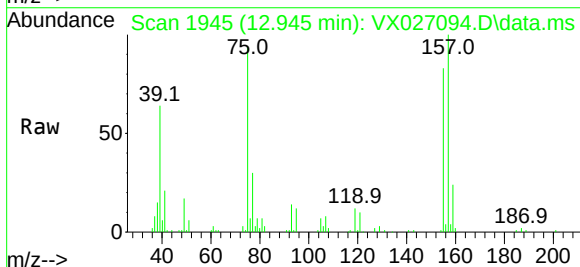
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

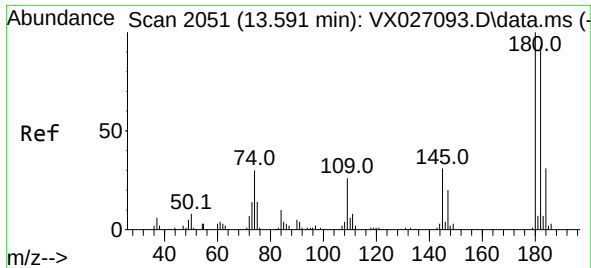
Tgt Ion:146 Resp: 94480
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 64.6 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.954 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX027094.D
 Acq: 17 Feb 2022 22:44

Tgt Ion: 75 Resp: 15934
 Ion Ratio Lower Upper
 75 100
 155 87.7 69.8 104.6
 157 110.3 88.2 132.2

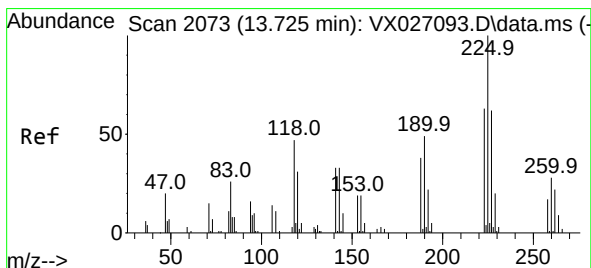
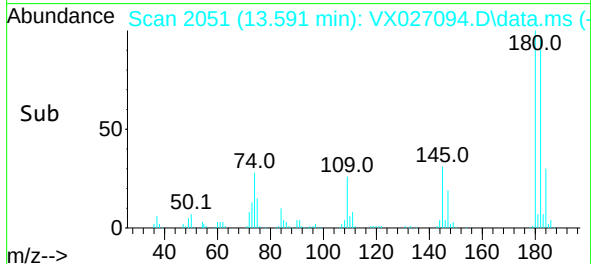
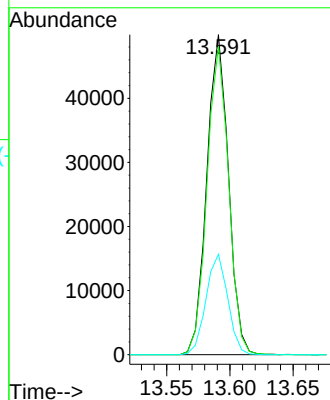
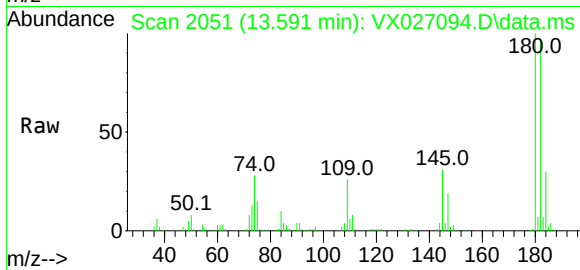




#89
1,2,4-Trichlorobenzene
Concen: 49.792 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

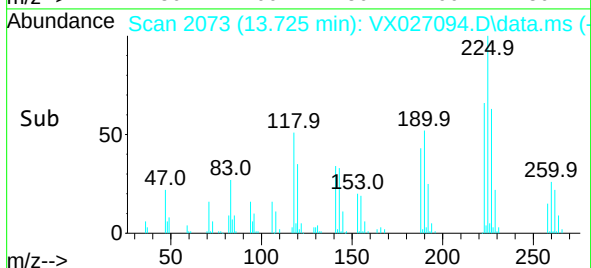
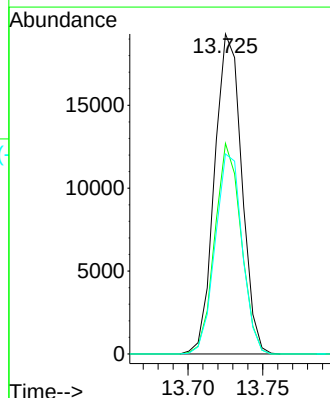
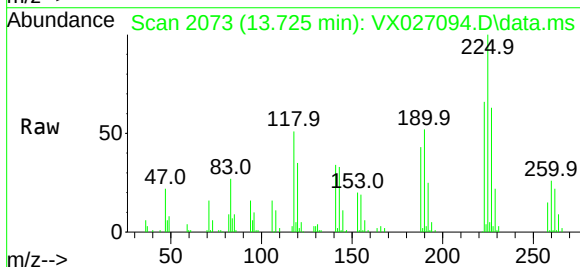
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

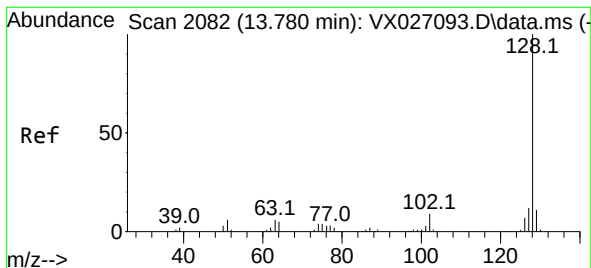
Tgt Ion:180 Resp: 59437
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 31.5 26.0 39.0



#90
Hexachlorobutadiene
Concen: 46.499 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:225 Resp: 24376
Ion Ratio Lower Upper
225 100
223 63.6 0.0 130.4
227 62.1 0.0 127.4

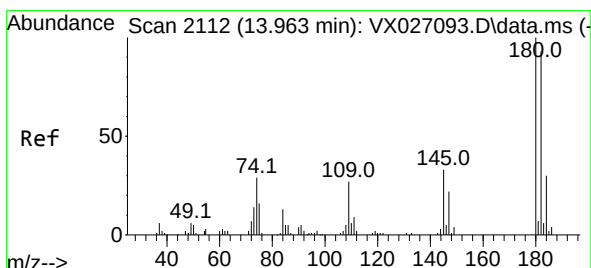
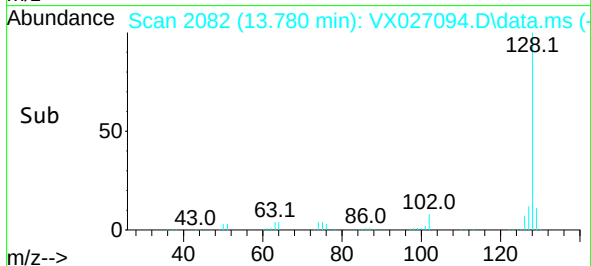
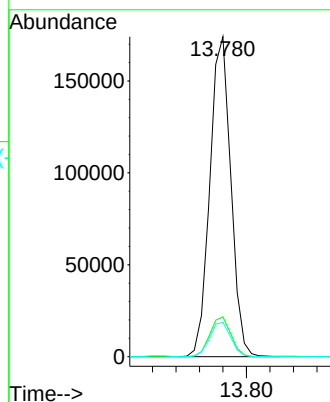
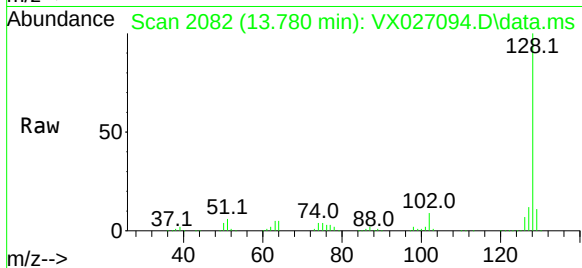




#91
Naphthalene
Concen: 52.377 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 215891
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 51.044 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027094.D
Acq: 17 Feb 2022 22:44

Tgt Ion:180 Resp: 61144
Ion Ratio Lower Upper
180 100
182 95.3 0.0 190.6
145 32.7 0.0 67.2

