

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028632.D
 Acq On : 12 May 2022 10:31
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 12 14:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	4398	1.545	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	3.080%#
35) Dibromofluoromethane	5.397	113	3267	1.262	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.520%#
50) Toluene-d8	8.653	98	10646	1.074	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	2.140%#
62) 4-Bromofluorobenzene	11.085	95	3484	0.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	1.840%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2757	1.664	ug/l	97
3) Chloromethane	1.294	50	2940	1.635	ug/l	98
4) Vinyl Chloride	1.374	62	2946	1.273	ug/l	91
5) Bromomethane	1.605	94	3498	1.564	ug/l	99
6) Chloroethane	1.691	64	2668	1.310	ug/l	95
7) Trichlorofluoromethane	1.886	101	4509	0.935	ug/l	97
8) Diethyl Ether	2.136	74	1720	1.028	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	2489	1.311	ug/l	98
10) Methyl Iodide	2.453	142	2247	0.953	ug/l	91
11) Tert butyl alcohol	2.946	59	10093	16.844	ug/l #	81
12) 1,1-Dichloroethene	2.325	96	2115	1.179	ug/l	99
13) Acrolein	2.233	56	2864	8.093	ug/l	92
14) Allyl chloride	2.660	41	3593	1.222	ug/l #	90
15) Acrylonitrile	3.062	53	6870	5.760	ug/l	99
16) Acetone	2.380	43	7024	7.086	ug/l	92
17) Carbon Disulfide	2.514	76	5870	1.232	ug/l	96
18) Methyl Acetate	2.703	43	3311	1.259	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	7340	1.038	ug/l	95
20) Methylene Chloride	2.794	84	2991	1.360	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	2451	1.059	ug/l	97
22) Diisopropyl ether	3.763	45	7219	1.097	ug/l #	77
23) Vinyl Acetate	3.721	43	28669	4.994	ug/l	96
24) 1,1-Dichloroethane	3.611	63	4276	1.095	ug/l	93
25) 2-Butanone	4.568	43	10030	5.830	ug/l	89
26) 2,2-Dichloropropane	4.483	77	3113	0.852	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	2987	1.090	ug/l	96
28) Bromochloromethane	4.910	49	2033	1.268	ug/l #	86
29) Tetrahydrofuran	5.019	42	6352	5.654	ug/l #	89
30) Chloroform	5.092	83	4438	0.972	ug/l	95
31) Cyclohexane	5.477	56	3979	1.111	ug/l #	78
32) 1,1,1-Trichloroethane	5.379	97	4085	0.994	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	3545	1.020	ug/l	97
37) Ethyl Acetate	4.714	43	3330	0.936	ug/l	97
38) Carbon Tetrachloride	5.678	117	3261	0.848	ug/l	96
39) Methylcyclohexane	7.379	83	3934	0.910	ug/l	90
40) Benzene	6.043	78	9990	0.990	ug/l #	90

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 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1985	1.083	ug/l #	85
42) 1,2-Dichloroethane	6.092	62	3796	1.012	ug/l	97
43) Isopropyl Acetate	6.348	43	5103	0.888	ug/l #	93
44) Trichloroethene	7.129	130	2647	0.909	ug/l	98
45) 1,2-Dichloropropane	7.433	63	2438	0.981	ug/l	90
46) Dibromomethane	7.580	93	1839	0.950	ug/l	100
47) Bromodichloromethane	7.824	83	3075	0.830	ug/l	92
48) Methyl methacrylate	7.696	41	2454	0.921	ug/l #	85
49) 1,4-Dioxane	7.671	88	1359	19.573	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	17105	4.627	ug/l	89
52) Toluene	8.720	92	6109	0.879	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	2683	0.685	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	3322	0.785	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	2489	0.881	ug/l #	94
56) Ethyl methacrylate	9.116	69	3342	0.810	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	4360	0.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	8959	4.669	ug/l	99
59) 2-Hexanone	9.433	43	12658	4.412	ug/l	85
60) Dibromochloromethane	9.518	129	2058	0.680	ug/l	91
61) 1,2-Dibromoethane	9.616	107	2505	0.817	ug/l	99
64) Tetrachloroethene	9.275	164	2520	0.970	ug/l	91
65) Chlorobenzene	10.079	112	6687	0.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	2137	0.816	ug/l #	65
67) Ethyl Benzene	10.195	91	11549	0.964	ug/l	99
68) m/p-Xylenes	10.305	106	8826	1.826	ug/l	97
69) o-Xylene	10.646	106	4511	0.938	ug/l	93
70) Styrene	10.659	104	6523	0.834	ug/l	93
71) Bromoform	10.805	173	1383	0.678	ug/l #	98
73) Isopropylbenzene	10.963	105	10574	1.006	ug/l	99
74) N-amyl acetate	10.848	43	3578	0.954	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	4017	1.172	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	4179	1.377	ug/l	87
77) Bromobenzene	11.201	156	2531	0.937	ug/l	92
78) n-propylbenzene	11.305	91	12071	1.029	ug/l	100
79) 2-Chlorotoluene	11.366	91	7804	1.075	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8201	0.923	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	710	0.701	ug/l #	61
82) 4-Chlorotoluene	11.457	91	8827	1.054	ug/l	94
83) tert-Butylbenzene	11.713	119	8108	0.902	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	8224	0.932	ug/l	99
85) sec-Butylbenzene	11.890	105	10132	0.931	ug/l	98
86) p-Isopropyltoluene	12.012	119	8233	0.881	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	5233	1.031	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	5233	0.984	ug/l	95
89) n-Butylbenzene	12.335	91	7040	0.905	ug/l	96
90) Hexachloroethane	12.536	117	1319	0.883	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	4977	0.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	717	0.943	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	2808	0.936	ug/l	94
94) Hexachlorobutadiene	13.725	225	1295	0.977	ug/l	93
95) Naphthalene	13.774	128	8351	0.828	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	2822	0.960	ug/l	96

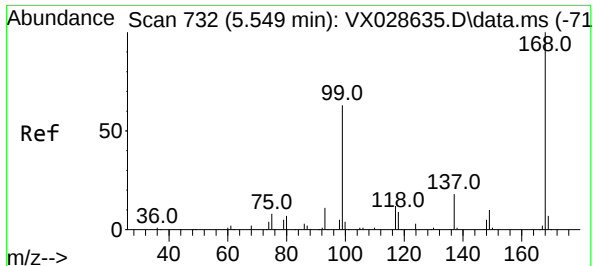
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Response via : Initial Calibration

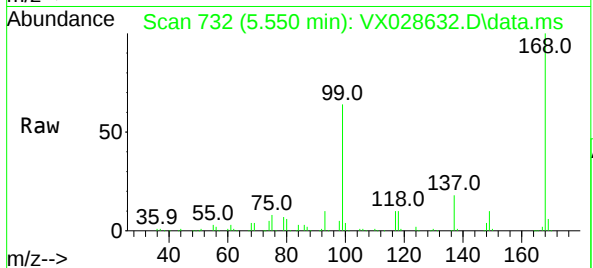
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

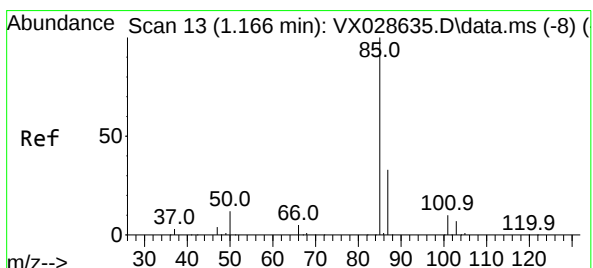
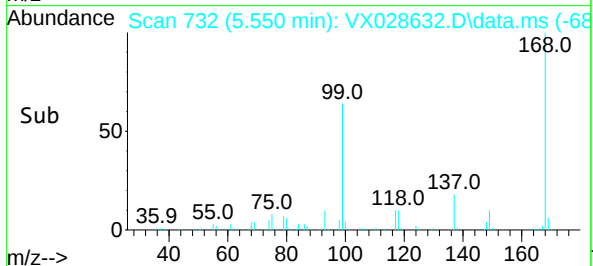
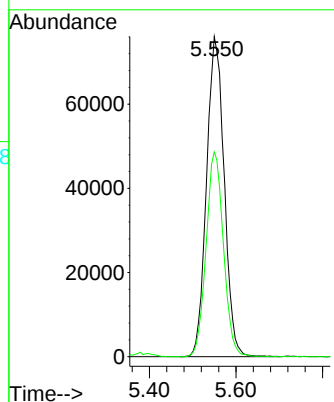


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028632.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

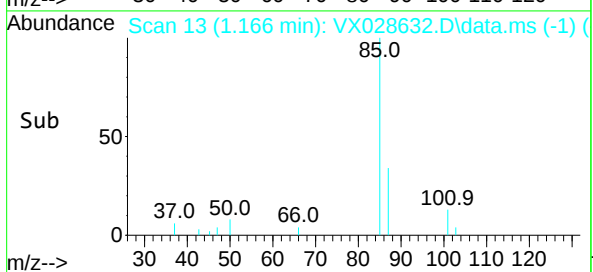
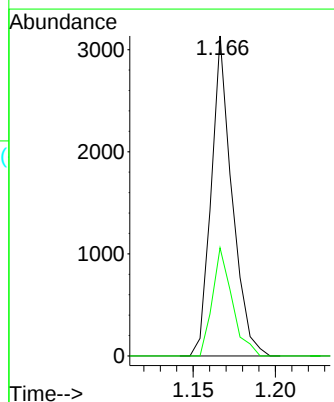
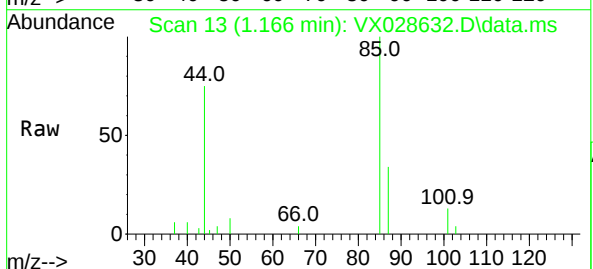


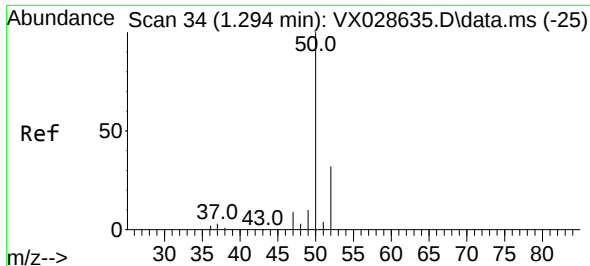
Tgt Ion:168 Resp: 215169
Ion Ratio Lower Upper
168 100
99 64.0 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 1.664 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 85 Resp: 2757
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6

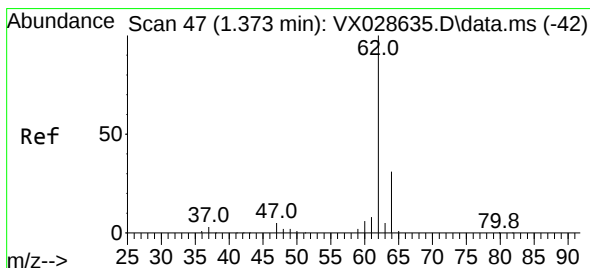
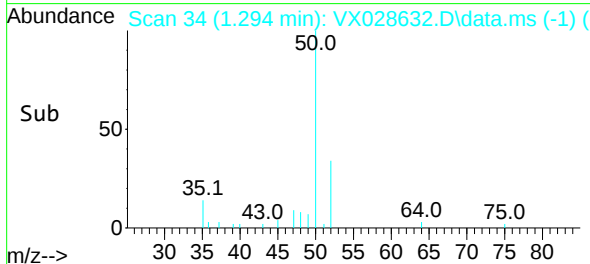
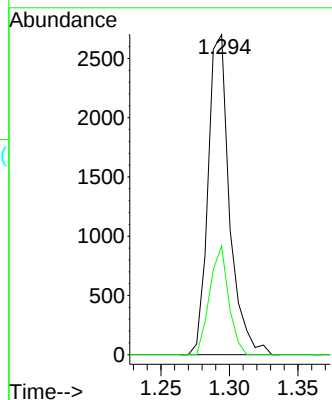
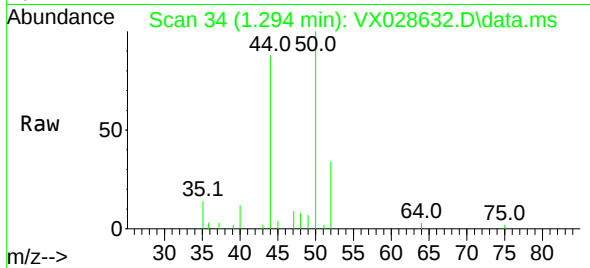




#3
Chloromethane
Concen: 1.635 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

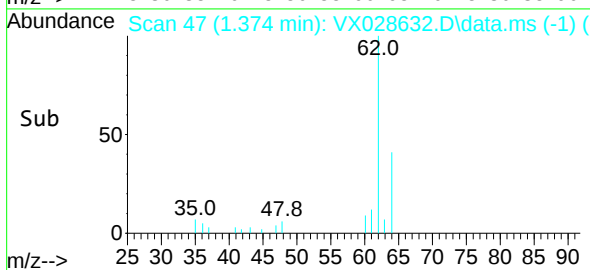
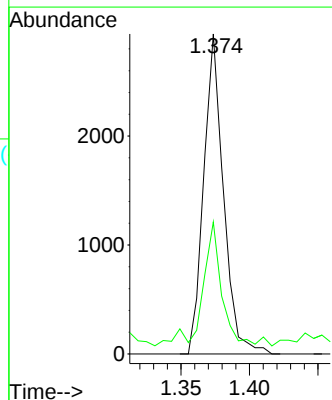
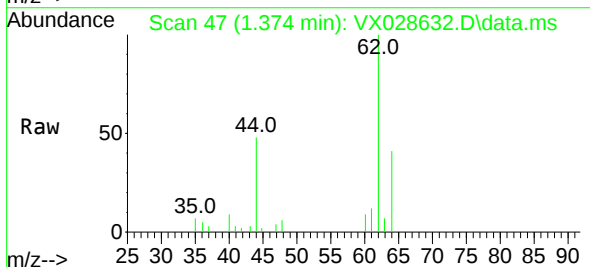
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 2940
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6



#4
Vinyl Chloride
Concen: 1.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 62 Resp: 2946
Ion Ratio Lower Upper
62 100
64 37.0 25.5 38.3

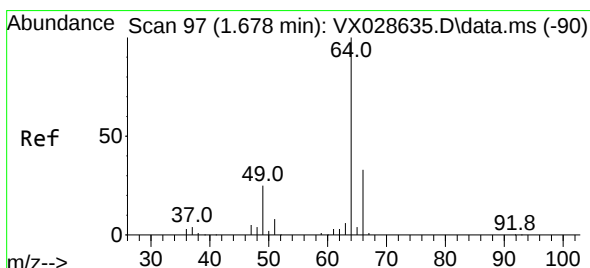
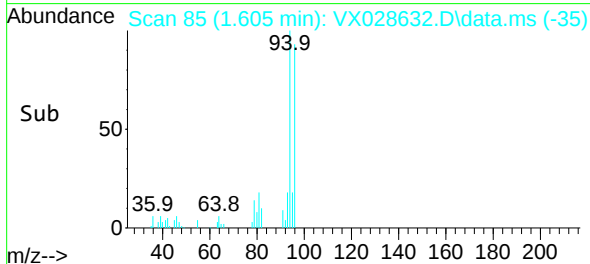
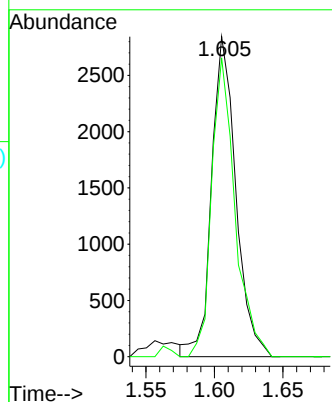
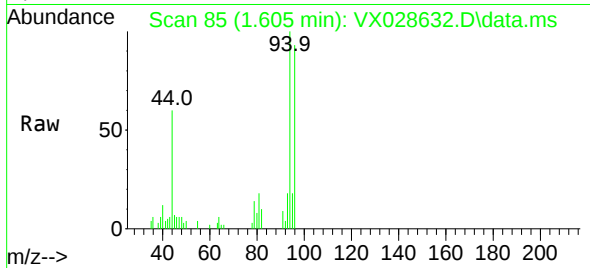




#5
Bromomethane
Concen: 1.564 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

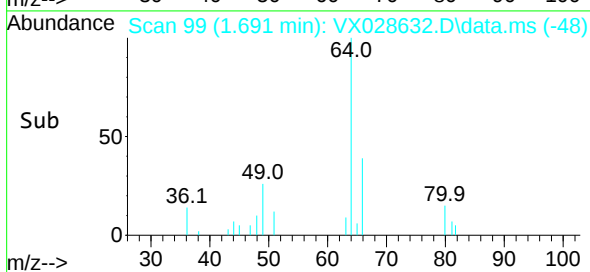
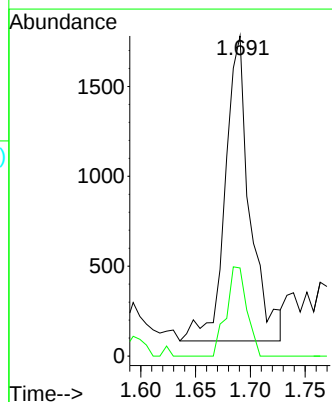
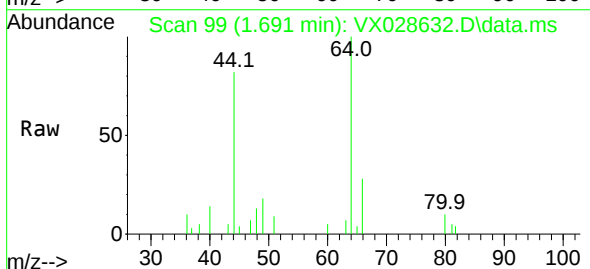
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MSVOA_X
ClientSampleId :
VSTDIC001

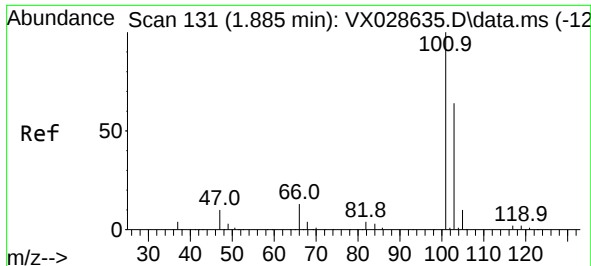
Tgt Ion: 94 Resp: 3498
Ion Ratio Lower Upper
94 100
96 93.4 75.3 112.9



#6
Chloroethane
Concen: 1.310 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 64 Resp: 2668
Ion Ratio Lower Upper
64 100
66 28.9 25.3 37.9

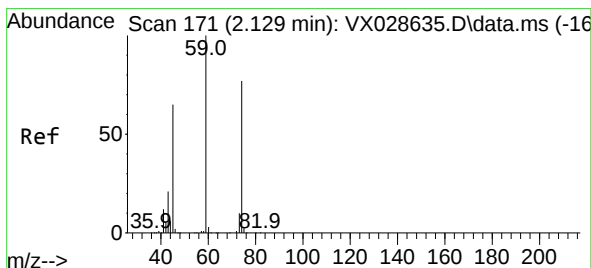
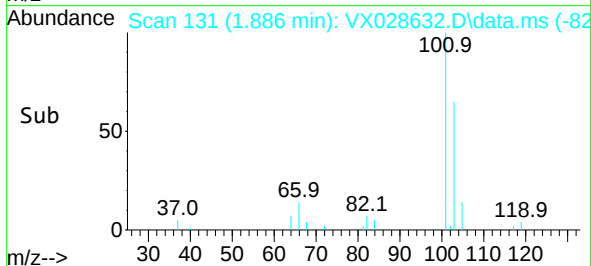
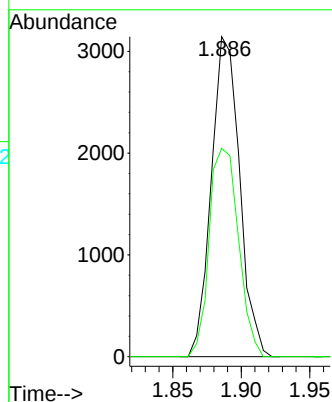
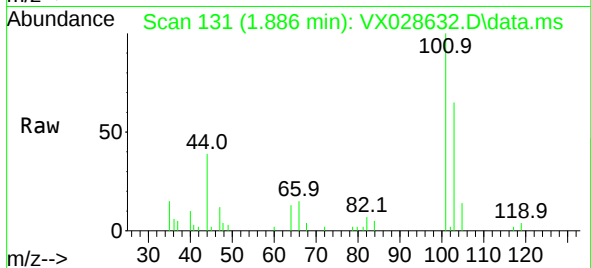




#7
Trichlorofluoromethane
Concen: 0.935 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

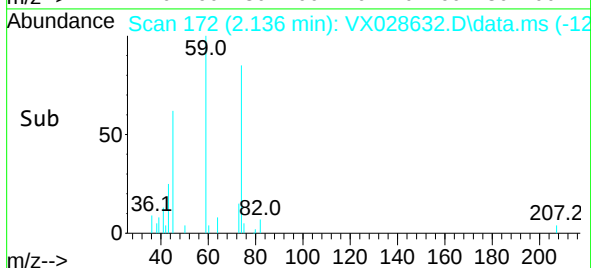
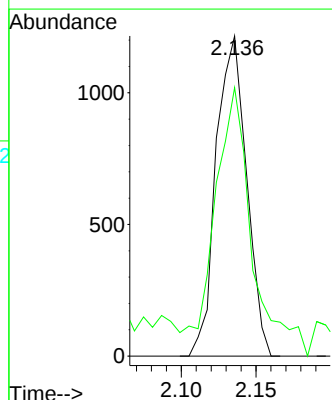
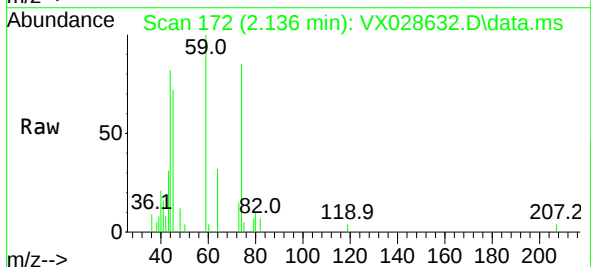
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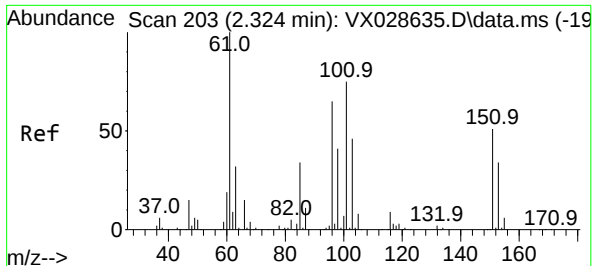
Tgt Ion:101 Resp: 4509
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7



#8
Diethyl Ether
Concen: 1.028 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 74 Resp: 1720
Ion Ratio Lower Upper
74 100
45 102.3 42.0 126.0

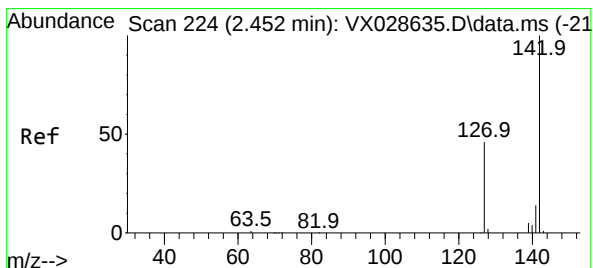
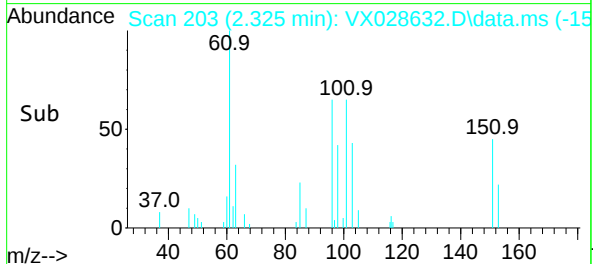
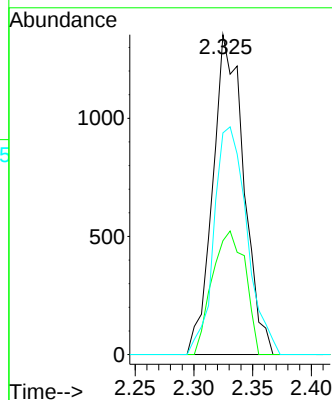
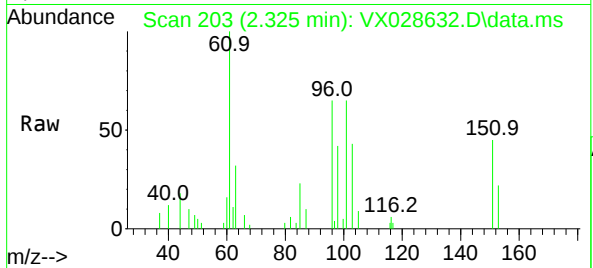




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.311 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX028632.D
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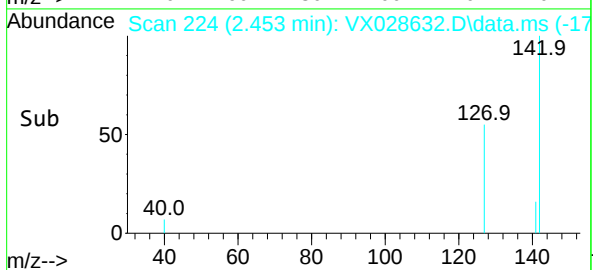
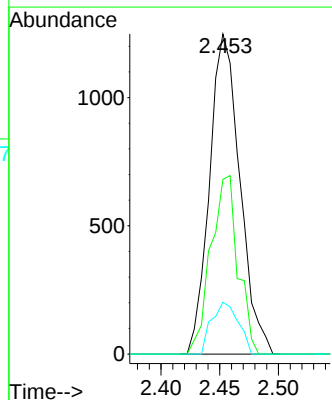
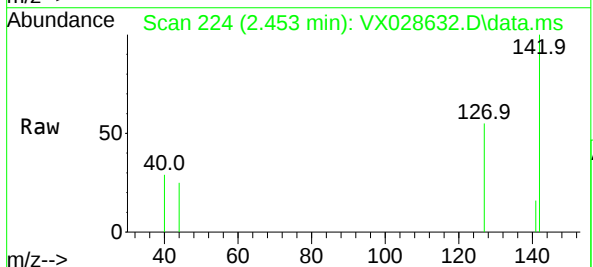
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ClientSampleId :
VSTDIC001

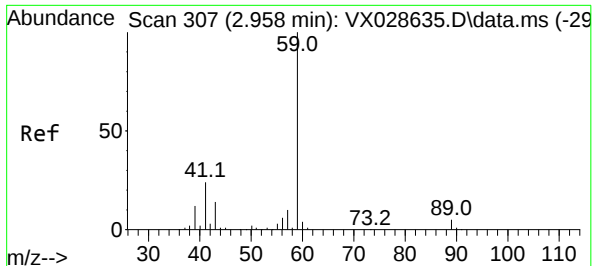
Tgt Ion:101 Resp: 2489
Ion Ratio Lower Upper
101 100
85 41.1 33.5 50.3
151 75.8 61.8 92.6



#10
Methyl Iodide
Concen: 0.953 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:142 Resp: 2247
Ion Ratio Lower Upper
142 100
127 49.8 33.9 50.9
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 16.844 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

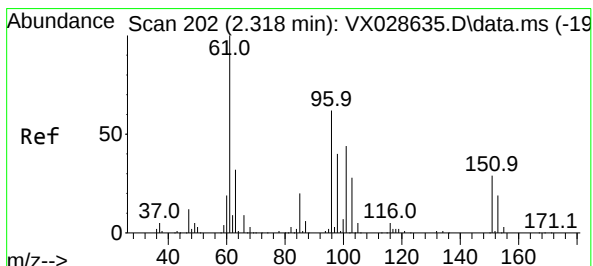
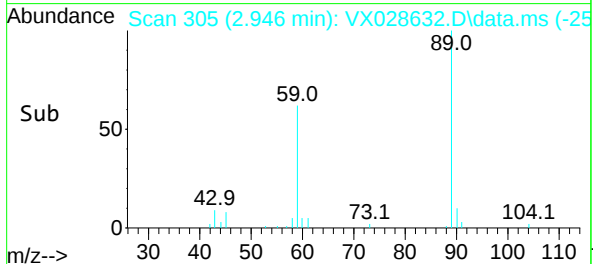
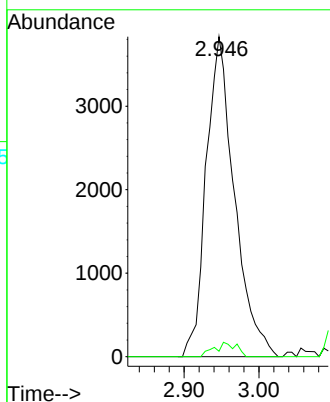
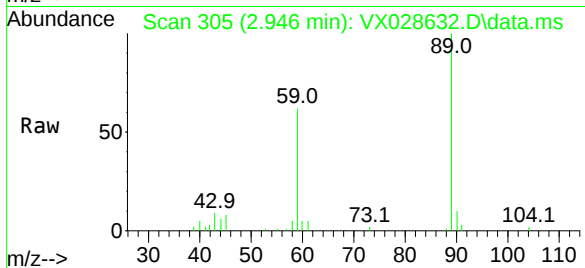
VSTDIC001

Tgt Ion: 59 Resp: 10093

Ion Ratio Lower Upper

59 100

57 3.5 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 1.179 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

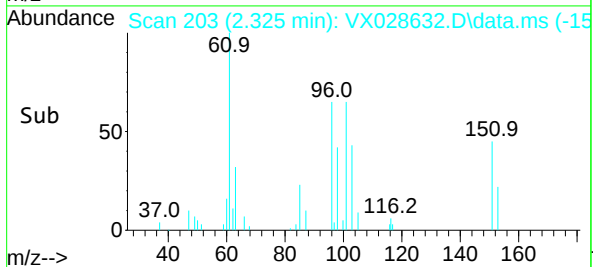
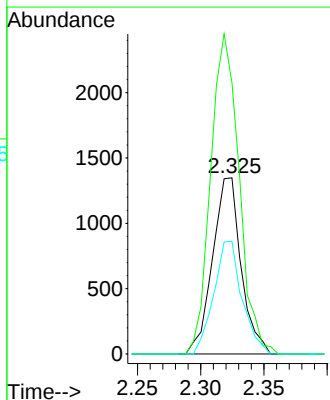
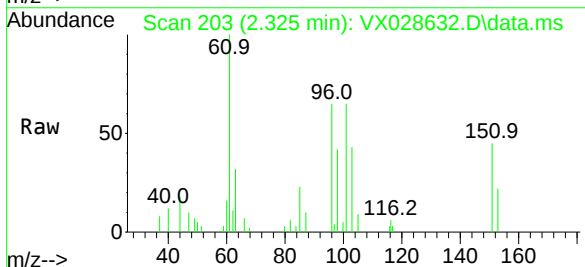
Tgt Ion: 96 Resp: 2115

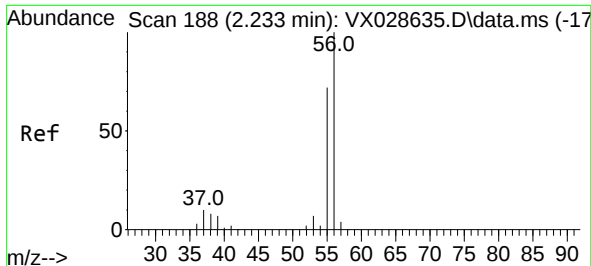
Ion Ratio Lower Upper

96 100

61 154.0 124.6 187.0

98 64.0 51.0 76.4

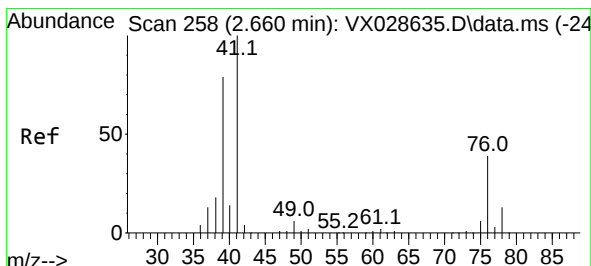
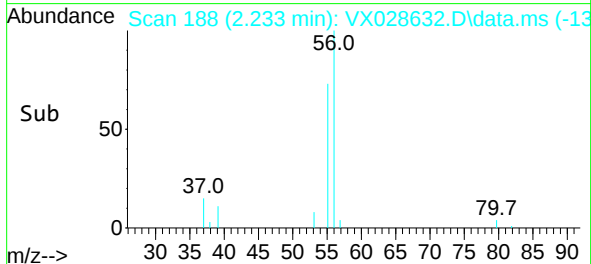
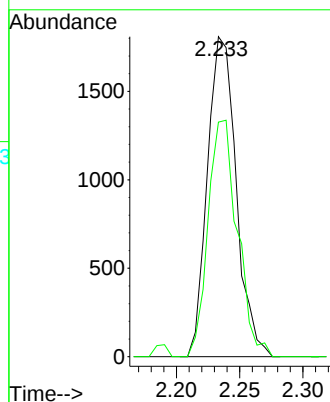
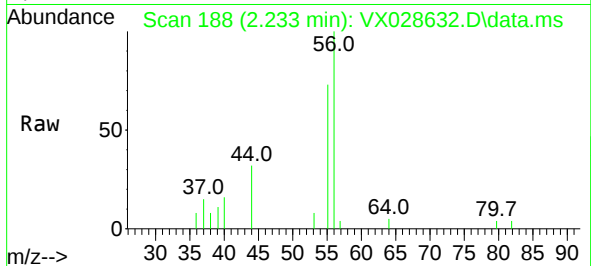




#13
Acrolein
Concen: 8.093 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

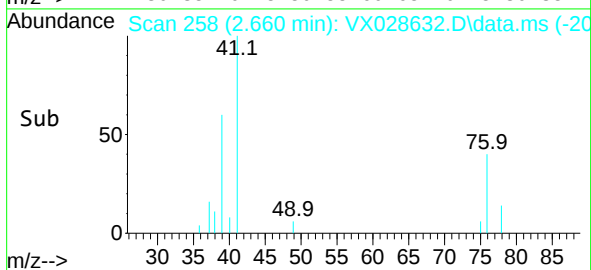
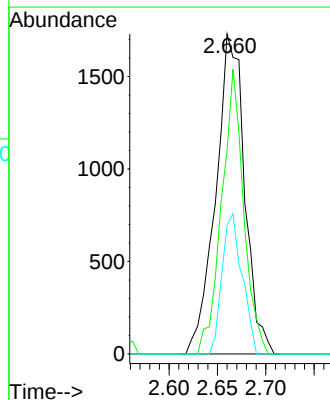
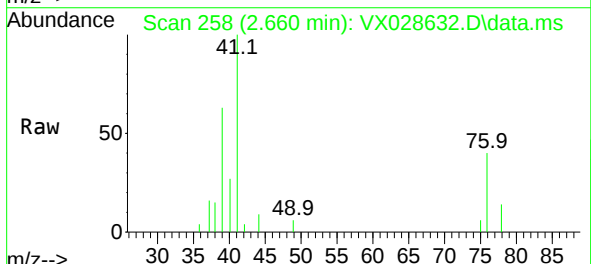
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
55 75.2 55.0 82.6



#14
Allyl chloride
Concen: 1.222 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 41 Resp: 3593
Ion Ratio Lower Upper
41 100
39 67.5 50.4 75.6
76 30.4 32.7 49.1#

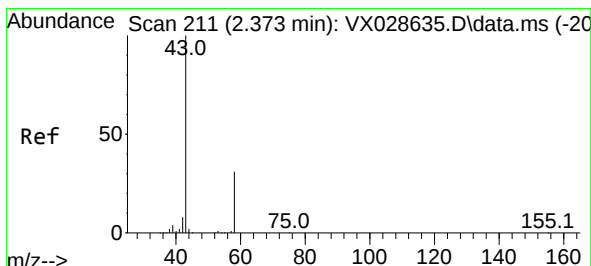
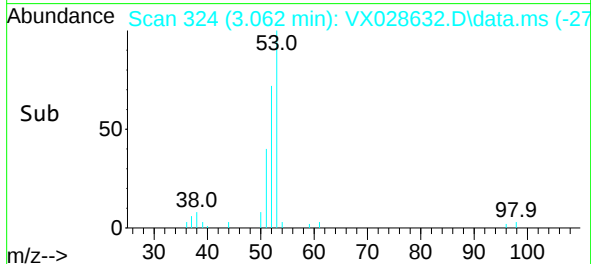
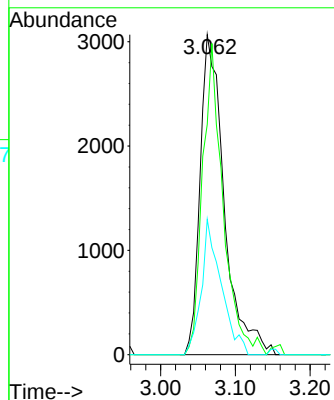
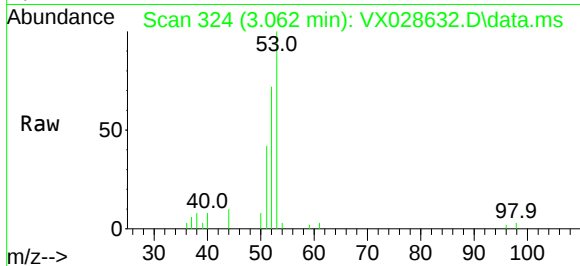




#15
Acrylonitrile
Concen: 5.760 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

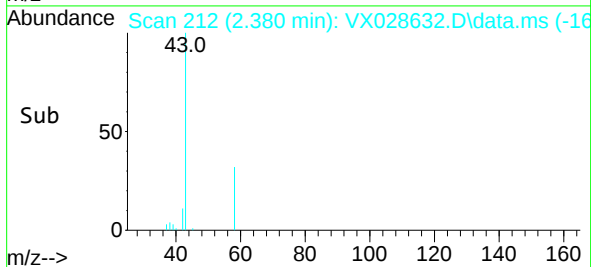
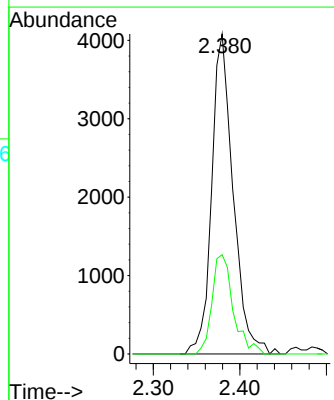
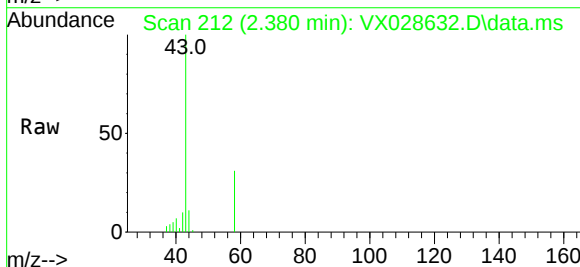
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

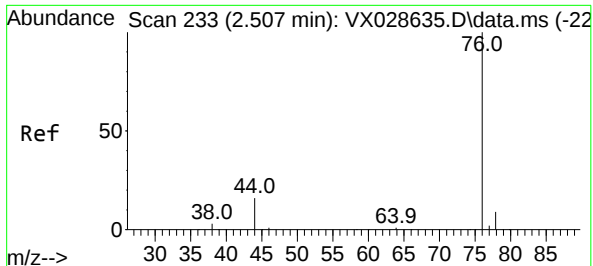
Tgt Ion: 53 Resp: 6870
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 35.0 28.4 42.6



#16
Acetone
Concen: 7.086 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 43 Resp: 7024
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2





#17

Carbon Disulfide

Concen: 1.232 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

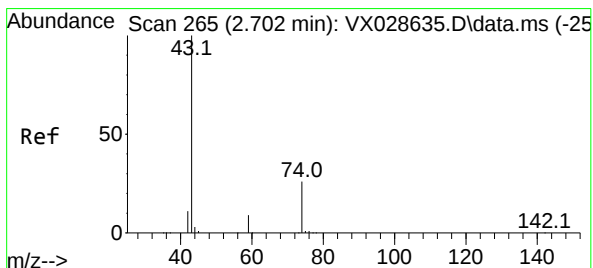
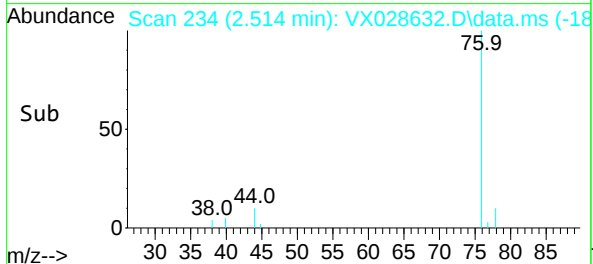
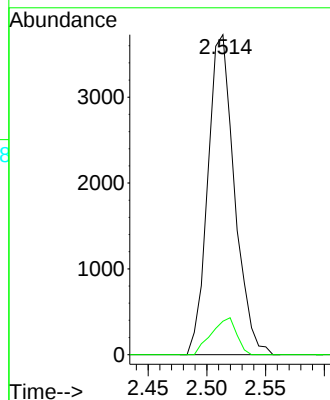
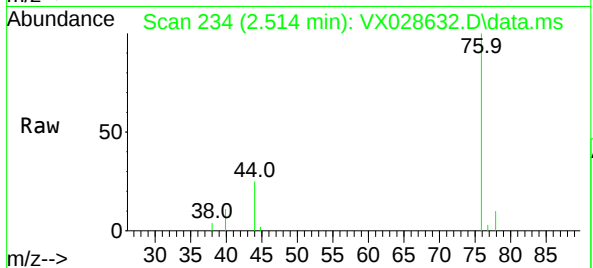
VSTDIC001

Tgt Ion: 76 Resp: 5870

Ion Ratio Lower Upper

76 100

78 10.4 7.2 10.8



#18

Methyl Acetate

Concen: 1.259 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX028632.D

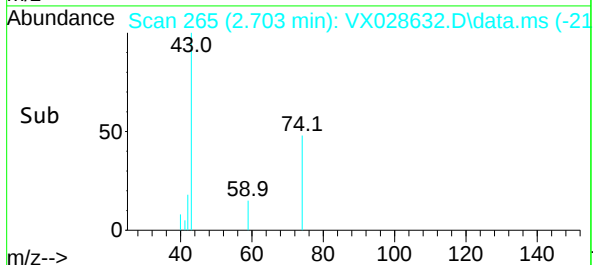
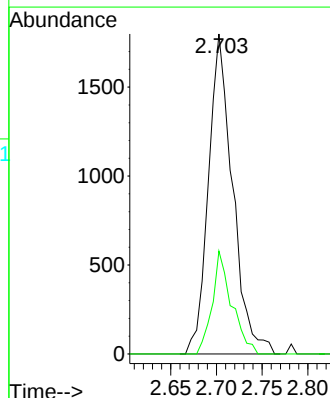
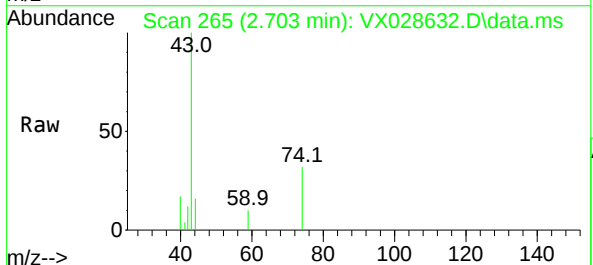
Acq: 12 May 2022 10:31

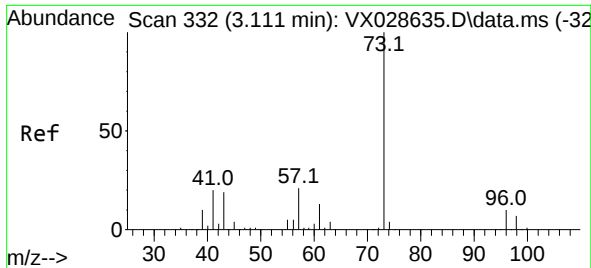
Tgt Ion: 43 Resp: 3311

Ion Ratio Lower Upper

43 100

74 25.9 22.8 34.2

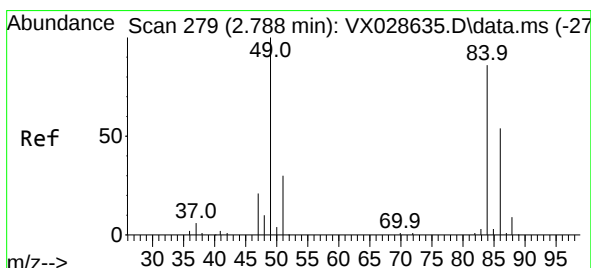
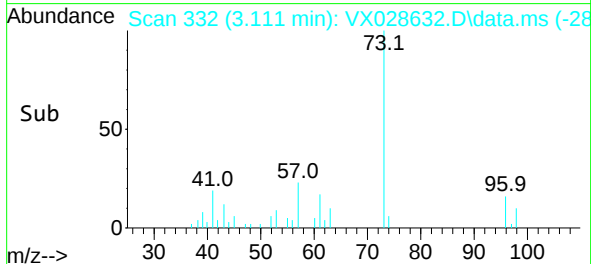
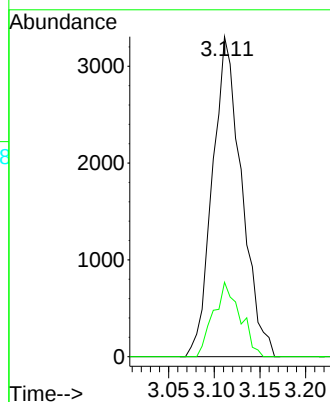
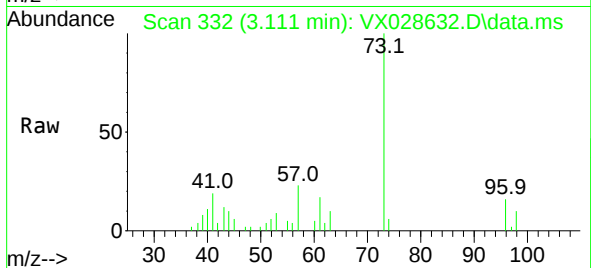




#19
Methyl tert-butyl Ether
Concen: 1.038 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

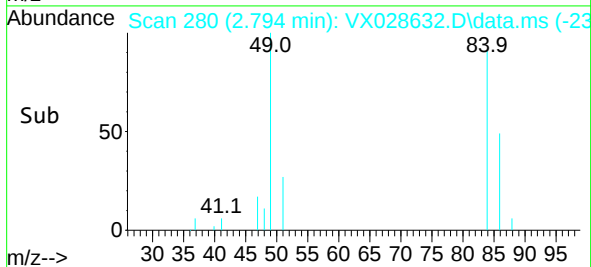
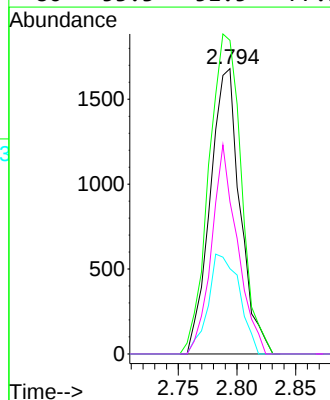
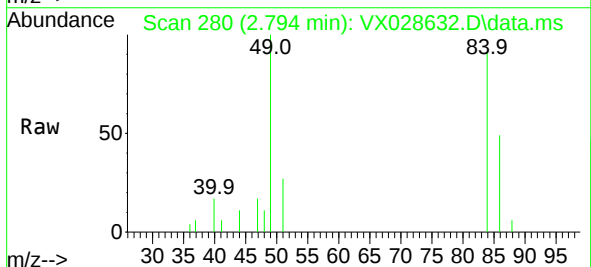
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

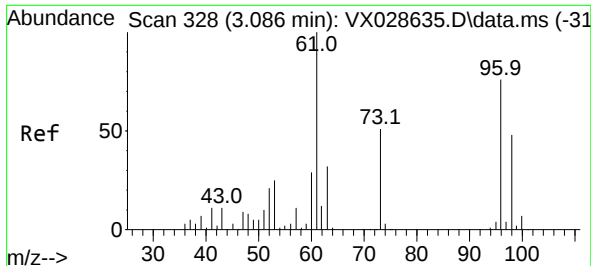
Tgt Ion: 73 Resp: 7340
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2



#20
Methylene Chloride
Concen: 1.360 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 84 Resp: 2991
Ion Ratio Lower Upper
84 100
49 109.9 85.5 128.3
51 29.9 26.6 39.8
86 53.3 51.5 77.3

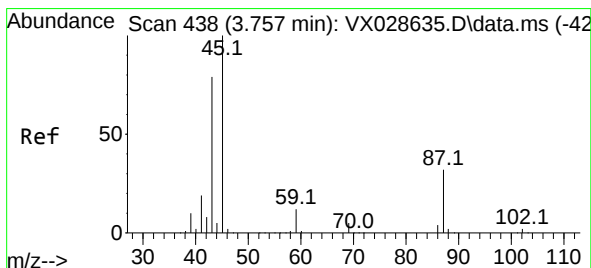
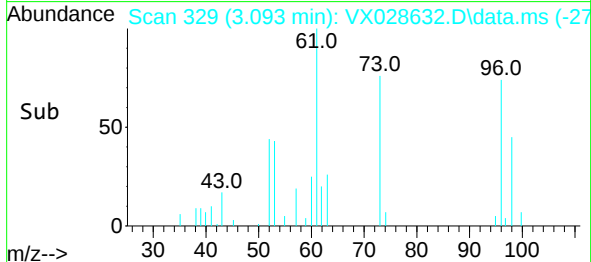
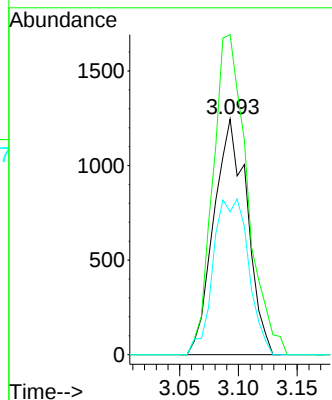
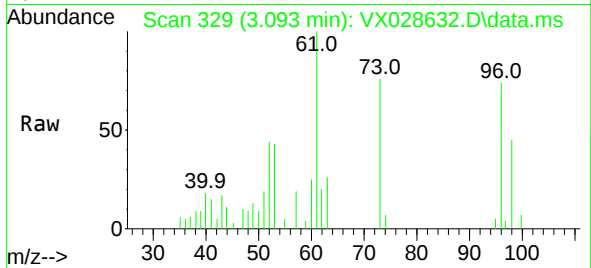




#21
trans-1,2-Dichloroethene
Concen: 1.059 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

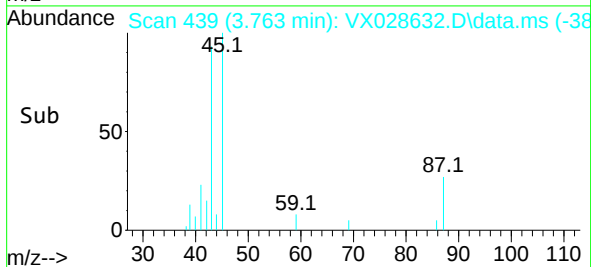
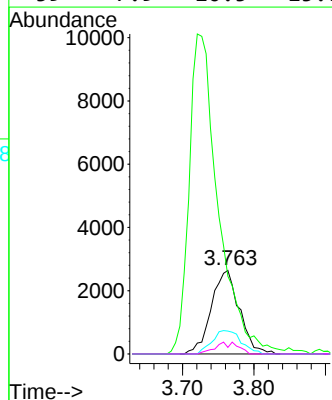
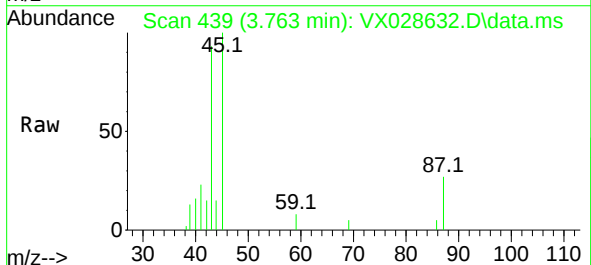
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

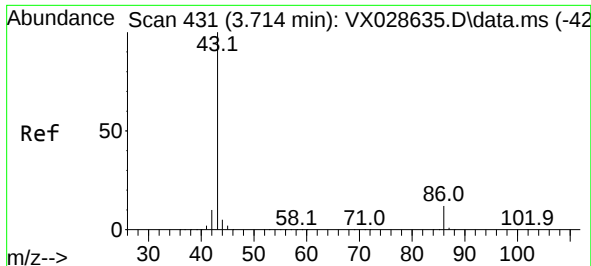
Tgt Ion: 96 Resp: 2451
Ion Ratio Lower Upper
96 100
61 135.8 105.4 158.2
98 60.6 50.0 75.0



#22
Diisopropyl ether
Concen: 1.097 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 45 Resp: 7219
Ion Ratio Lower Upper
45 100
43 88.0 50.8 76.2#
87 27.5 26.6 39.8
59 7.9 10.5 15.7#

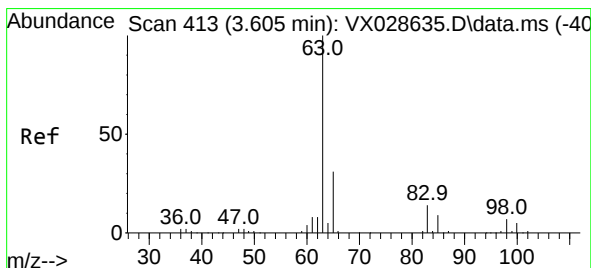
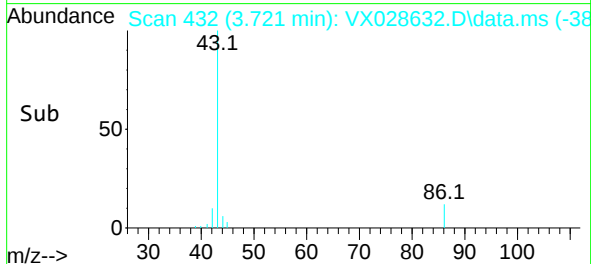
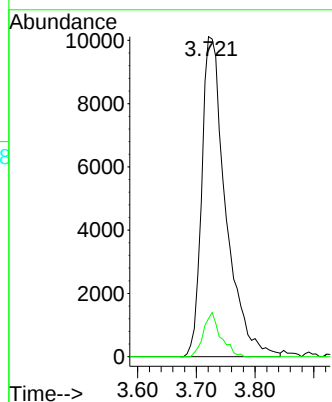
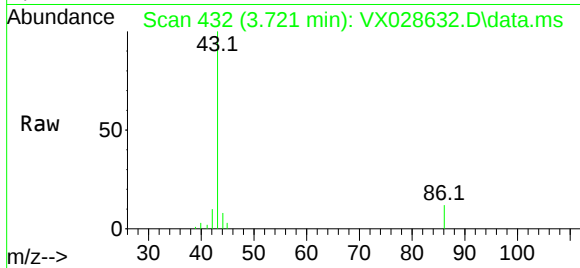




#23
 Vinyl Acetate
 Concen: 4.994 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX028632.D
 Acq: 12 May 2022 10:31

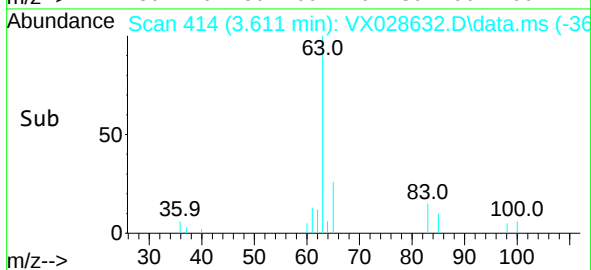
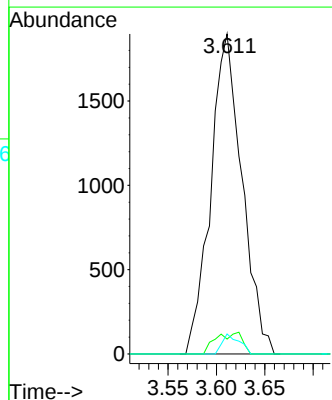
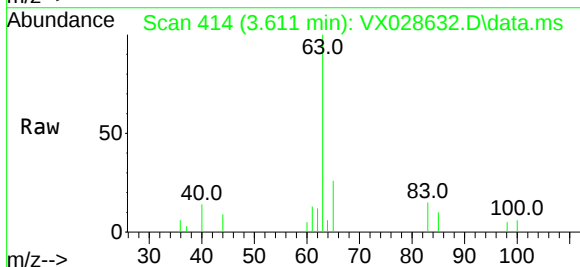
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

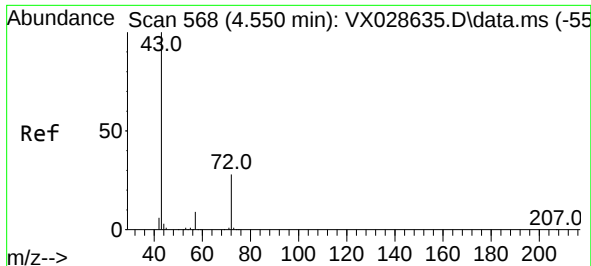
Tgt Ion: 43 Resp: 28669
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 1.095 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028632.D
 Acq: 12 May 2022 10:31

Tgt Ion: 63 Resp: 4276
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.9 11.7
 100 6.3 2.4 7.2

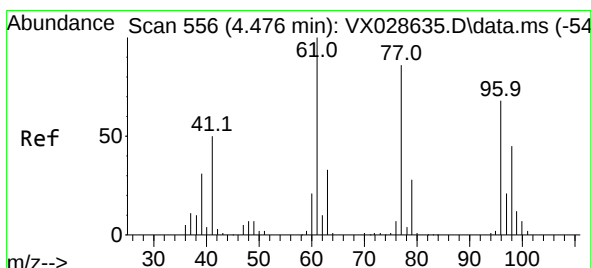
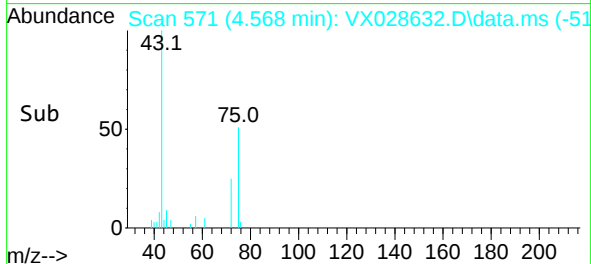
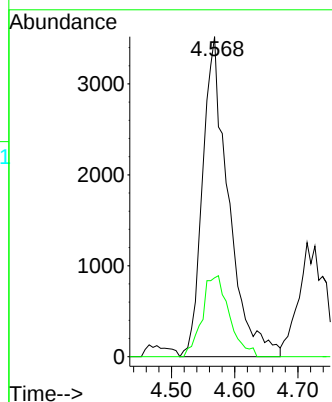
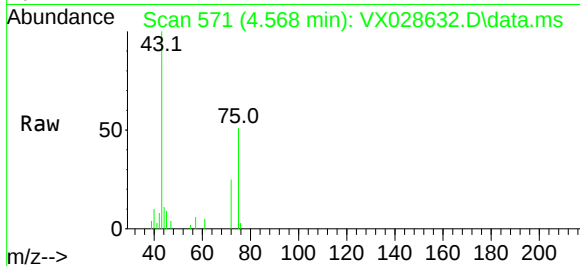




#25
2-Butanone
Concen: 5.830 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

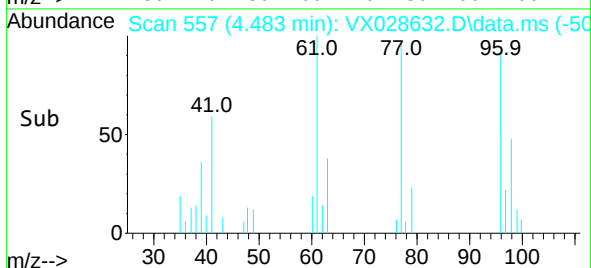
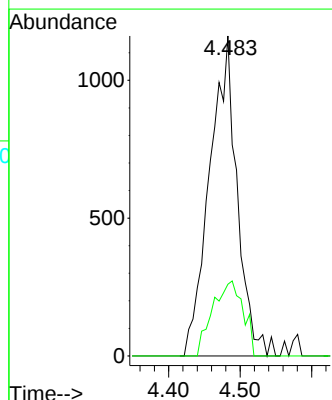
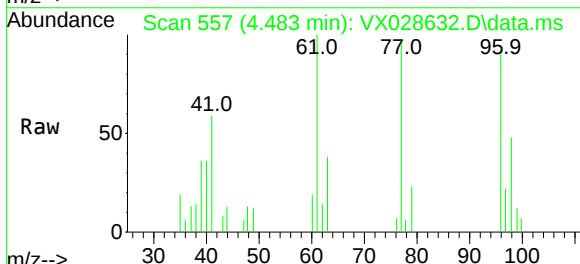
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

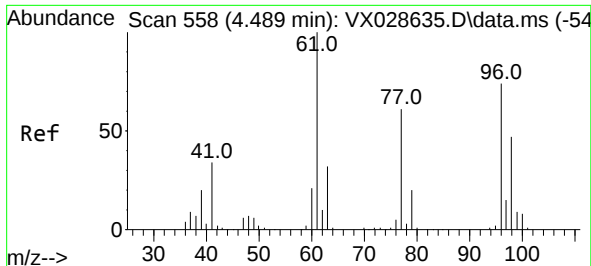
Tgt Ion: 43 Resp: 10030
Ion Ratio Lower Upper
43 100
72 24.6 24.4 36.6



#26
2,2-Dichloropropane
Concen: 0.852 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 77 Resp: 3113
Ion Ratio Lower Upper
77 100
97 25.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

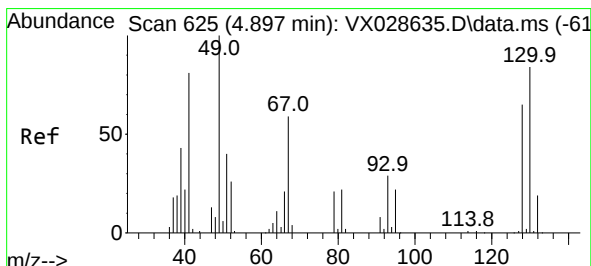
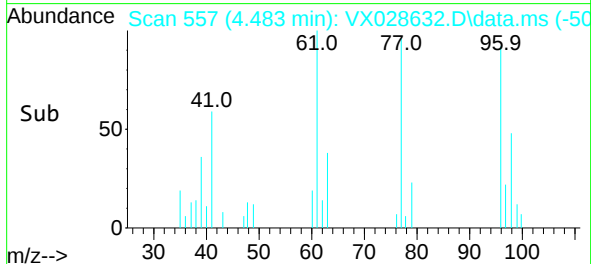
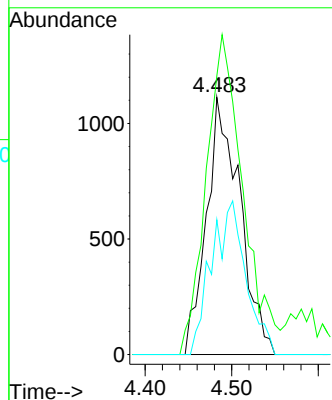
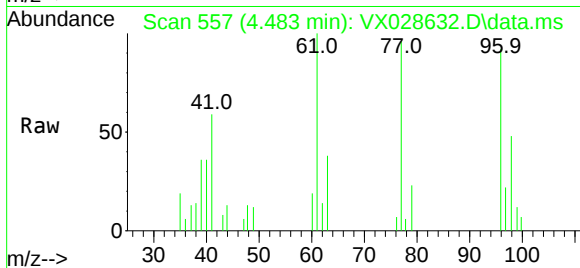
Tgt Ion: 96 Resp: 2987

Ion Ratio Lower Upper

96 100

61 137.4 0.0 283.8

98 61.2 0.0 129.8



#28

Bromochloromethane

Concen: 1.268 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.012 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

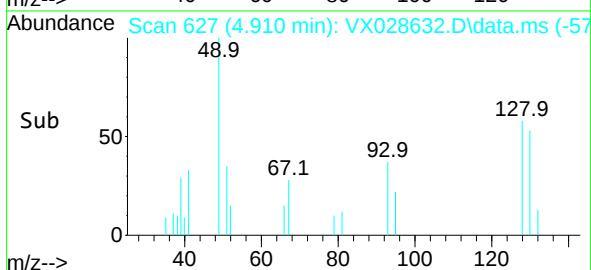
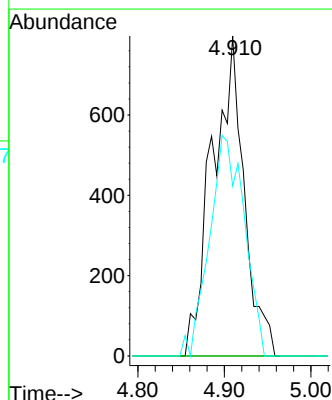
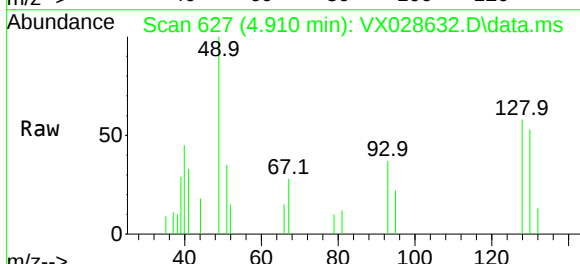
Tgt Ion: 49 Resp: 2033

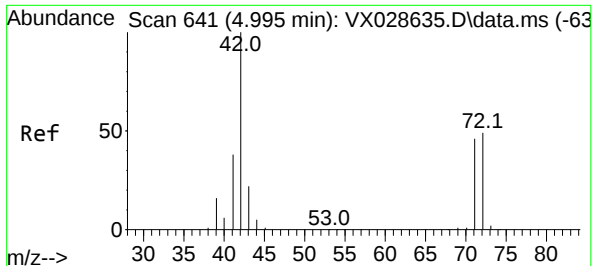
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 75.3 70.7 106.1





#29

Tetrahydrofuran

Concen: 5.654 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.025 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

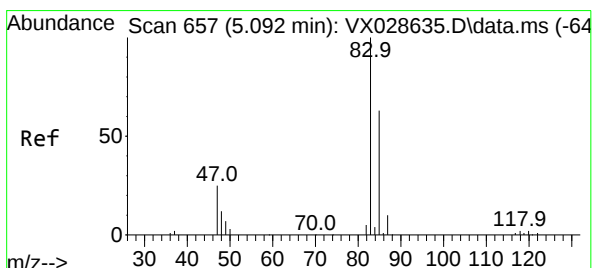
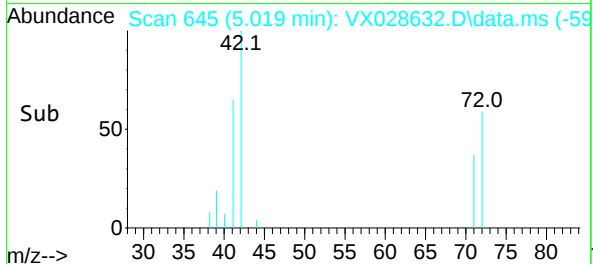
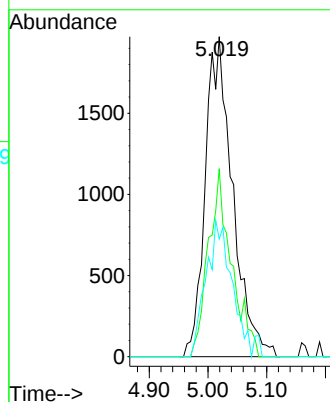
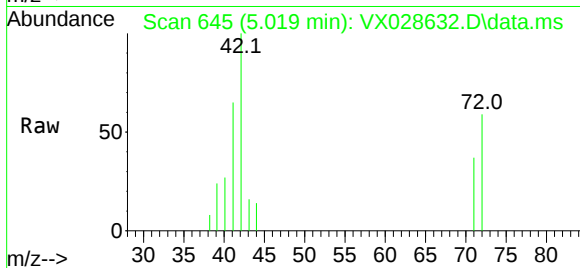
Tgt Ion: 42 Resp: 6352

Ion Ratio Lower Upper

42 100

72 50.0 44.1 66.1

71 40.0 40.5 60.7#



#30

Chloroform

Concen: 0.972 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028632.D

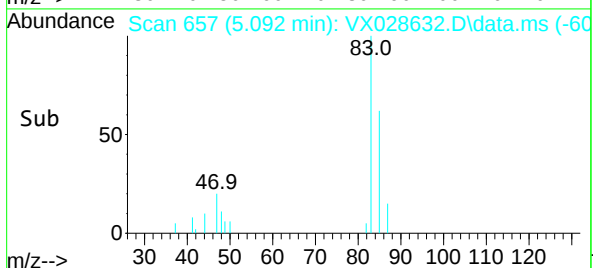
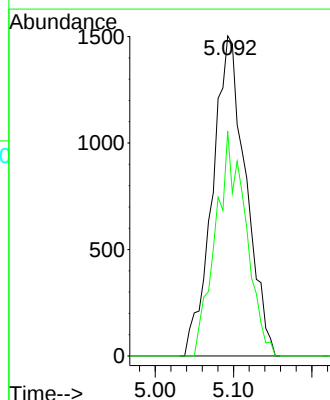
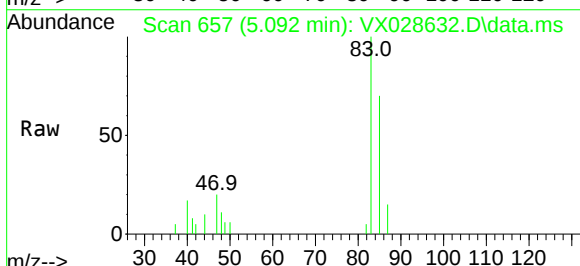
Acq: 12 May 2022 10:31

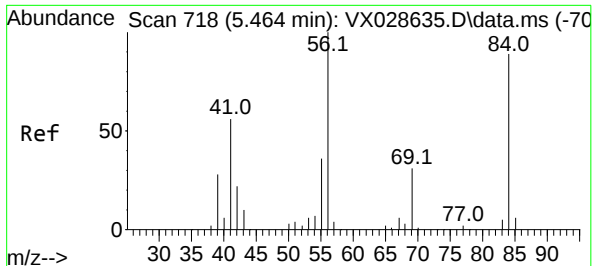
Tgt Ion: 83 Resp: 4438

Ion Ratio Lower Upper

83 100

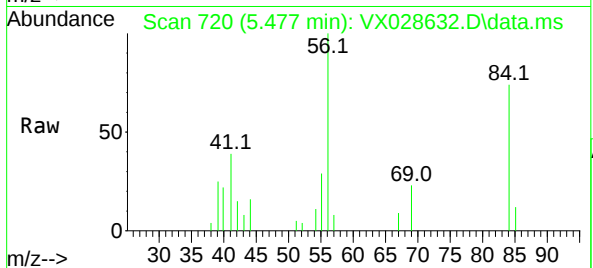
85 70.3 52.7 79.1





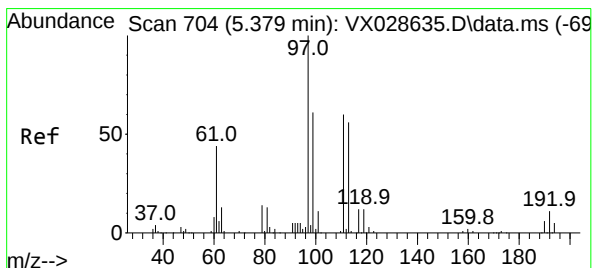
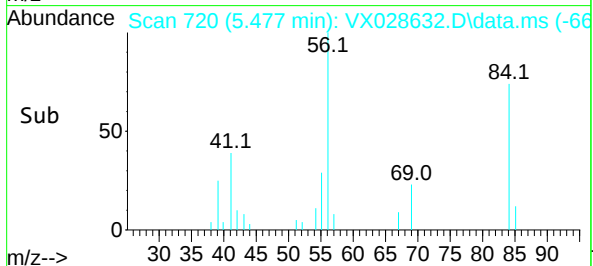
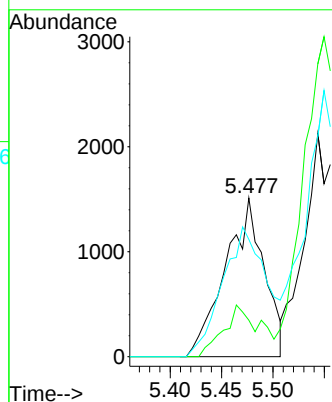
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 56 Resp: 3979

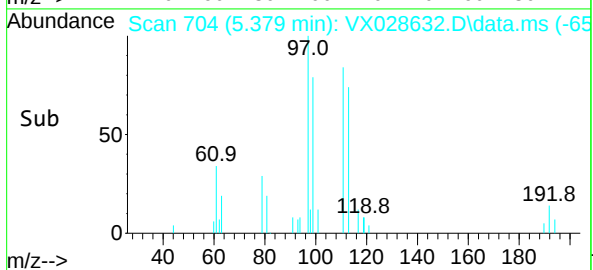
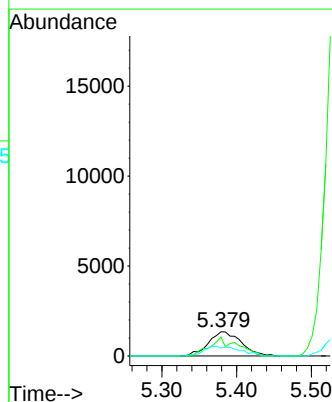
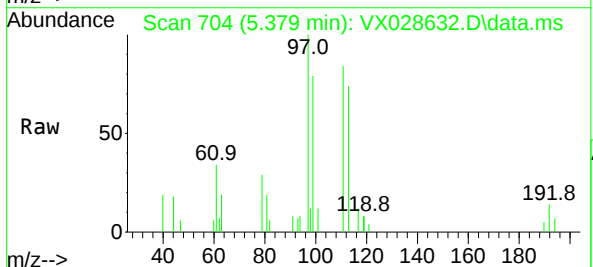
Ion	Ratio	Lower	Upper
56	100		
69	23.0	26.7	40.1#
84	73.9	77.2	115.8#

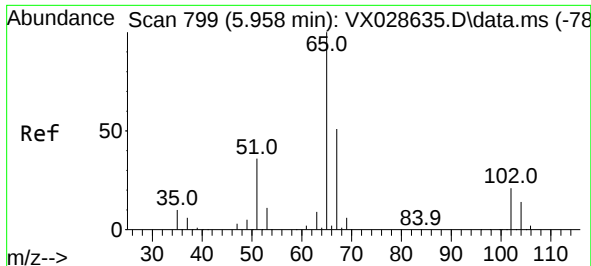


#32
1,1,1-Trichloroethane
Concen: 0.994 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 97 Resp: 4085

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6#
61	44.3	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 1.545 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

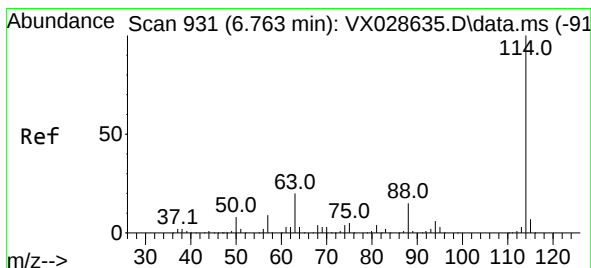
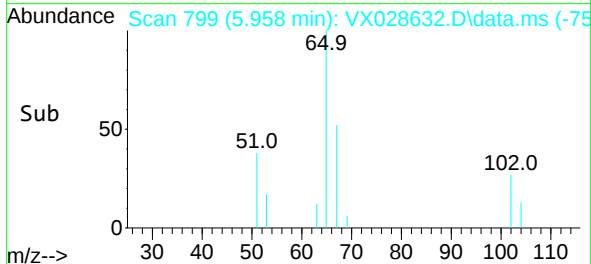
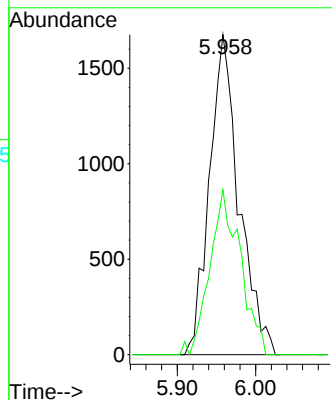
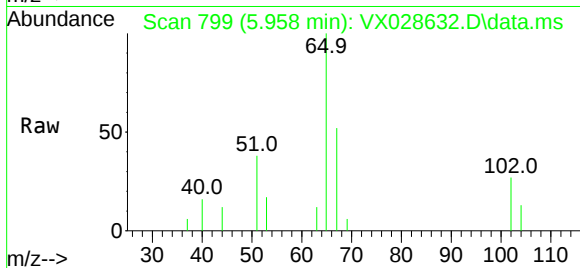
VSTDIC001

Tgt Ion: 65 Resp: 4398

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

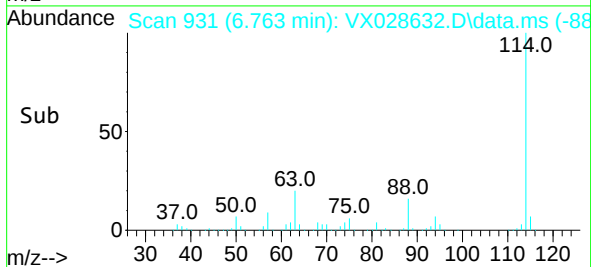
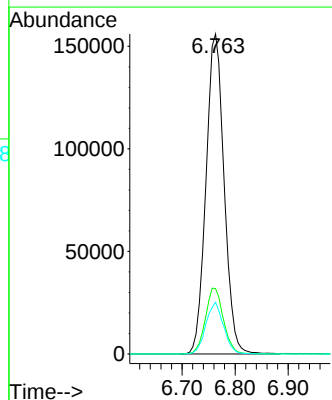
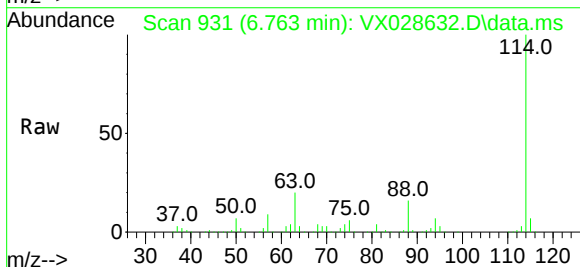
Tgt Ion: 114 Resp: 370310

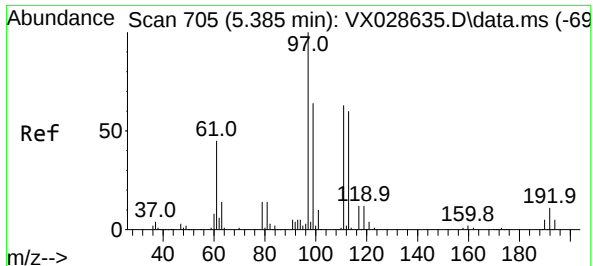
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 1.262 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

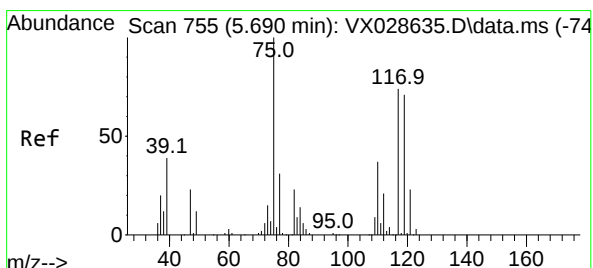
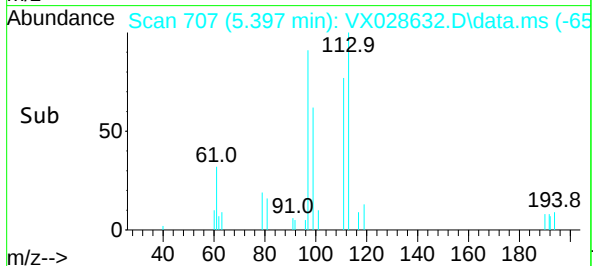
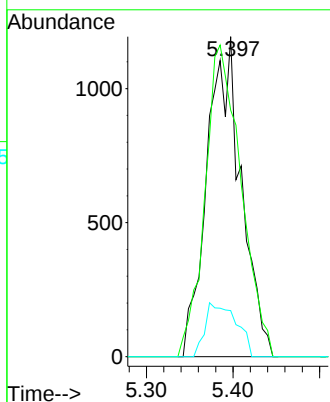
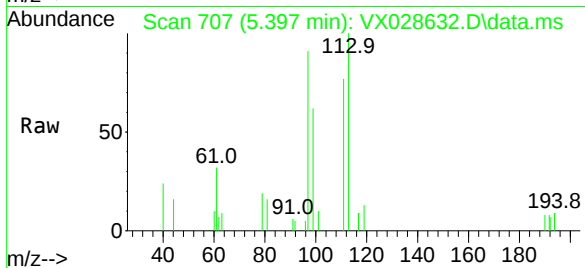
Tgt Ion:113 Resp: 3267

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 0.0 16.9 25.3#



#36

1,1-Dichloropropene

Concen: 1.020 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

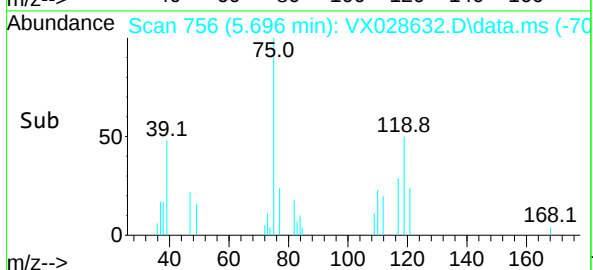
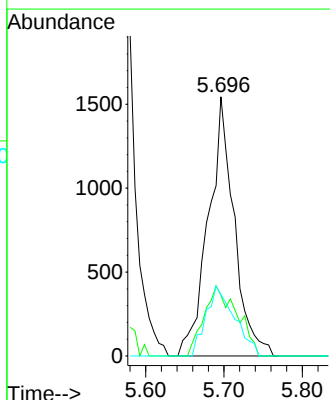
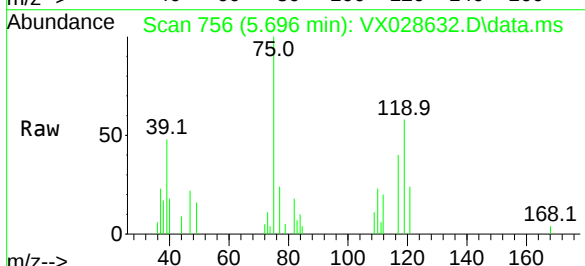
Tgt Ion: 75 Resp: 3545

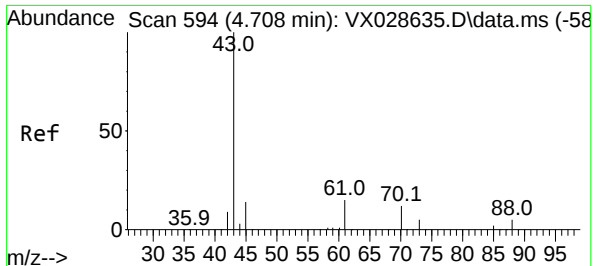
Ion Ratio Lower Upper

75 100

110 34.6 18.3 54.8

77 29.8 24.8 37.2





#37

Ethyl Acetate

Concen: 0.936 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

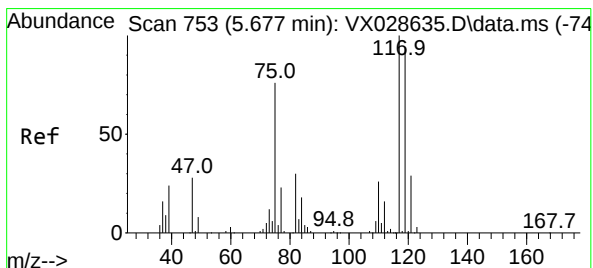
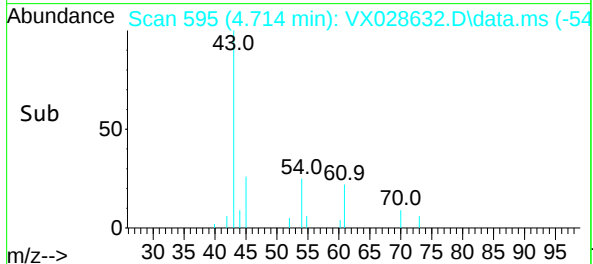
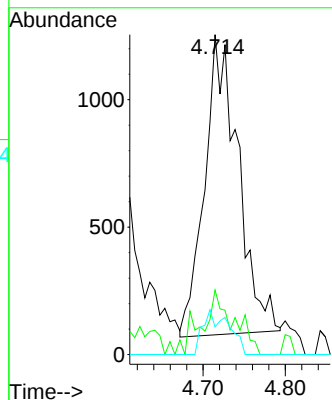
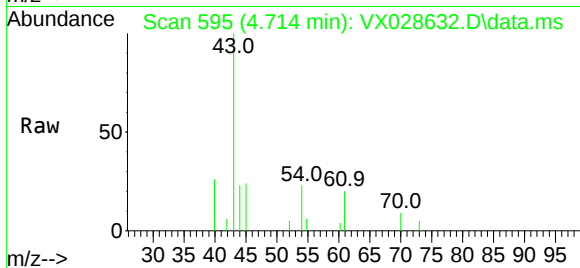
Tgt Ion: 43 Resp: 3330

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.5 10.2 15.2



#38

Carbon Tetrachloride

Concen: 0.848 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

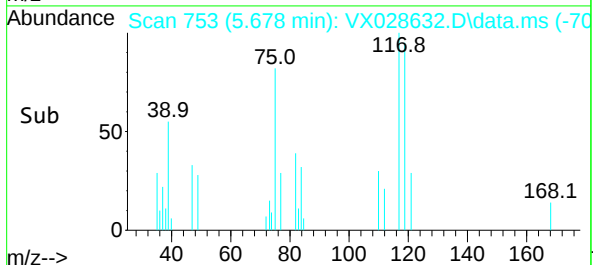
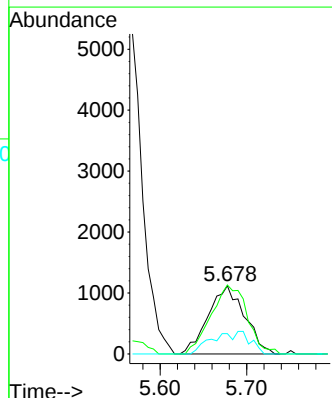
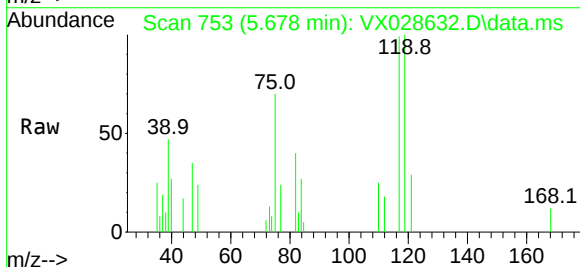
Tgt Ion: 117 Resp: 3261

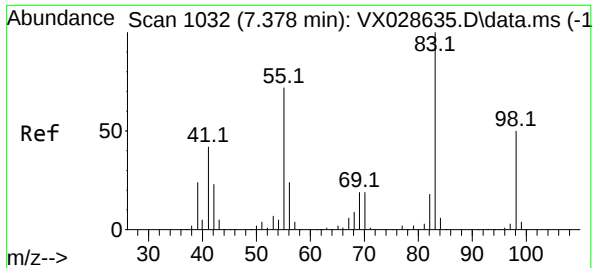
Ion Ratio Lower Upper

117 100

119 101.1 77.3 115.9

121 29.8 24.2 36.2

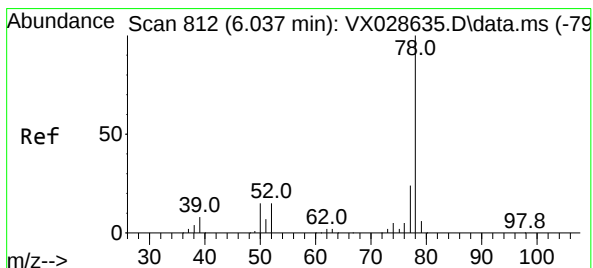
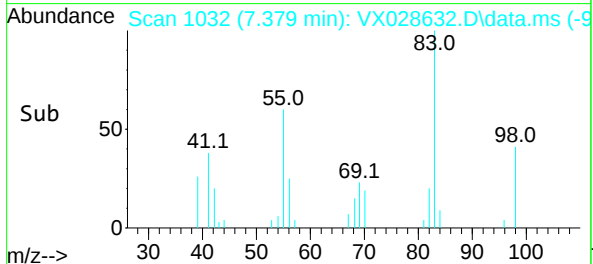
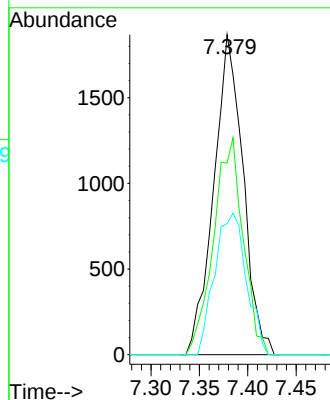
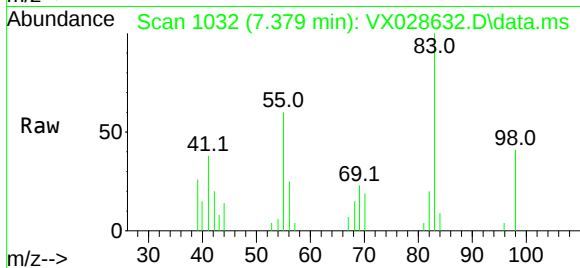




#39
Methylcyclohexane
Concen: 0.910 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

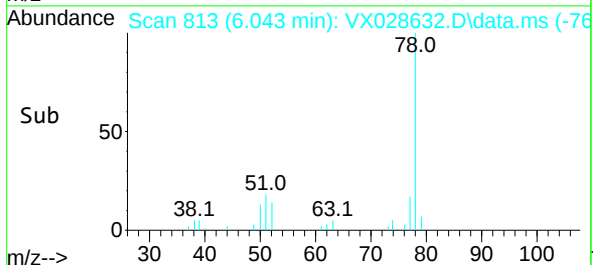
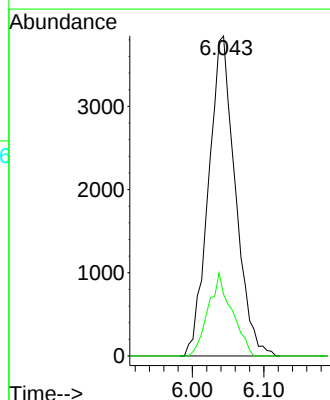
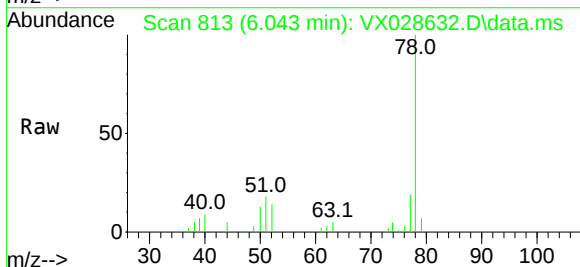
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

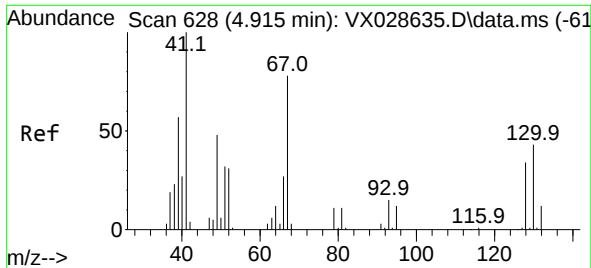
Tgt Ion: 83 Resp: 3934
Ion Ratio Lower Upper
83 100
55 59.9 54.6 81.8
98 41.0 37.4 56.2



#40
Benzene
Concen: 0.990 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 78 Resp: 9990
Ion Ratio Lower Upper
78 100
77 19.2 19.3 28.9#

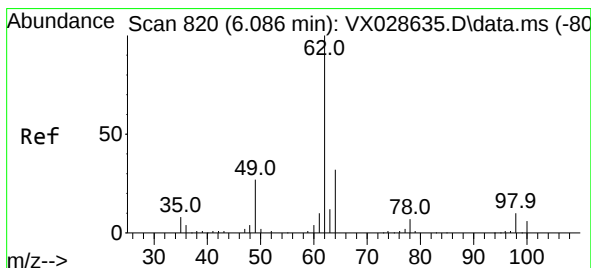
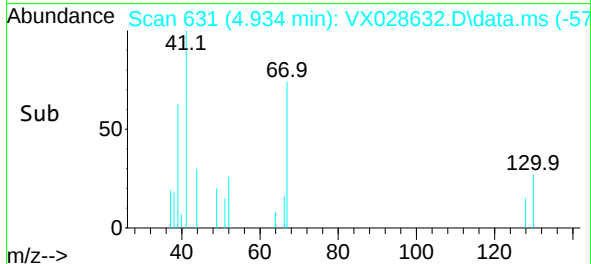
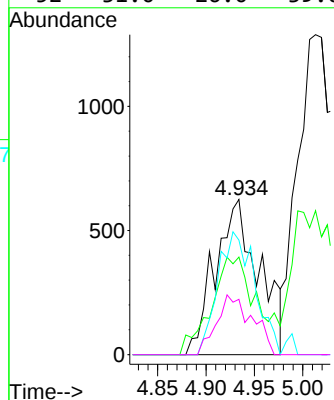
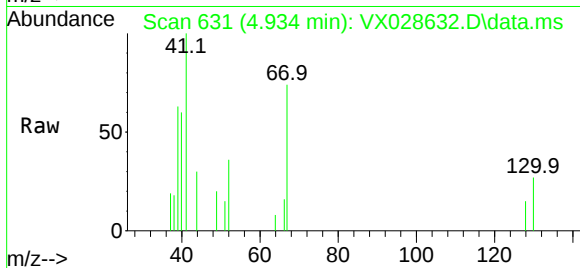




#41
Methacrylonitrile
Concen: 1.083 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.019 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

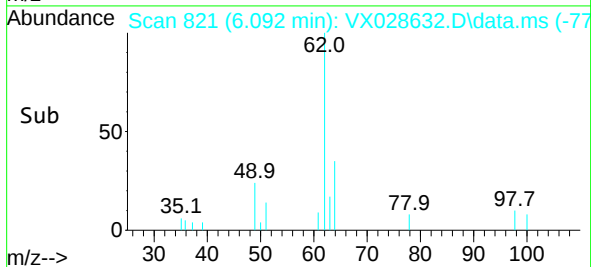
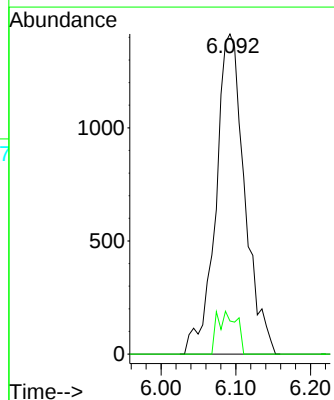
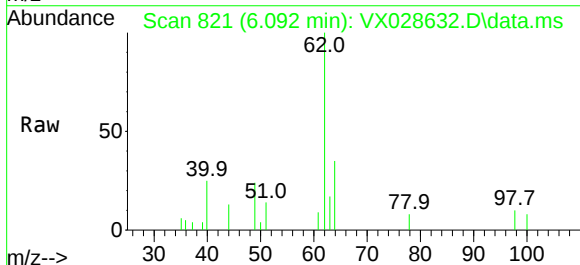
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

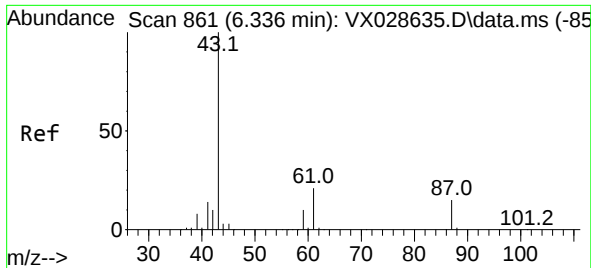
Tgt Ion: 41	Resp: 1985		
Ion	Ratio	Lower	Upper
41	100		
39	60.6	43.0	64.4
67	66.5	70.2	105.4#
52	31.0	26.0	39.0



#42
1,2-Dichloroethane
Concen: 1.012 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 62	Resp: 3796
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 20.4





#43

Isopropyl Acetate

Concen: 0.888 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

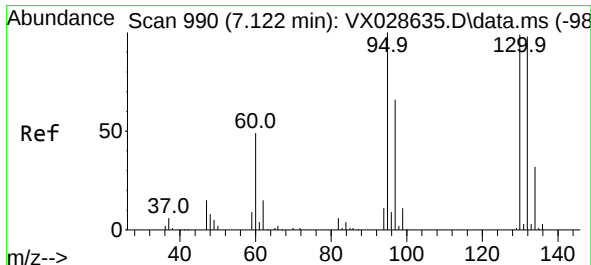
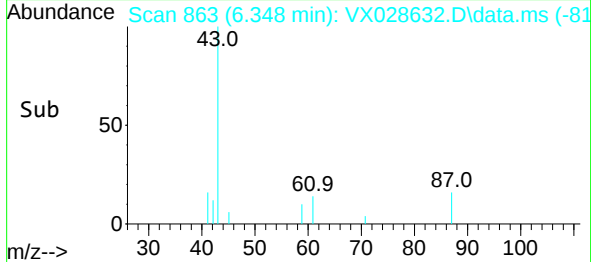
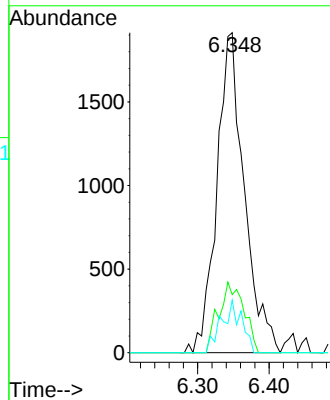
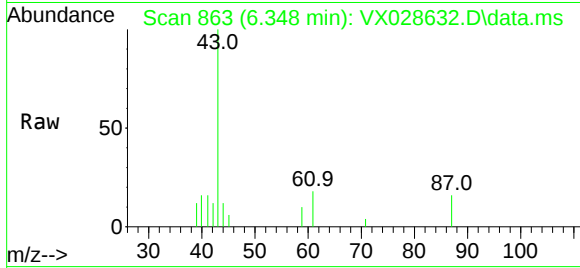
Tgt Ion: 43 Resp: 5103

Ion Ratio Lower Upper

43 100

61 20.3 18.5 27.7

87 12.2 13.0 19.6#



#44

Trichloroethene

Concen: 0.909 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX028632.D

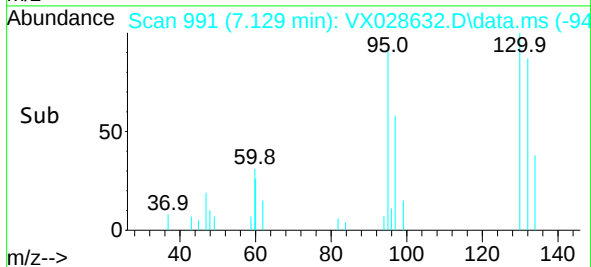
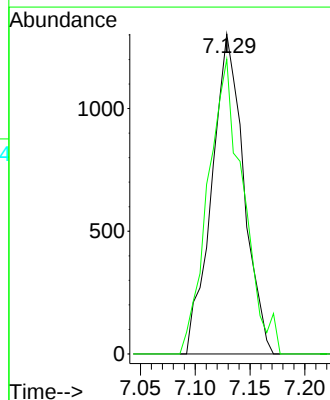
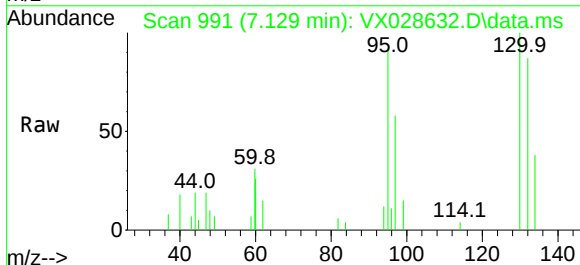
Acq: 12 May 2022 10:31

Tgt Ion:130 Resp: 2647

Ion Ratio Lower Upper

130 100

95 92.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 0.981 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

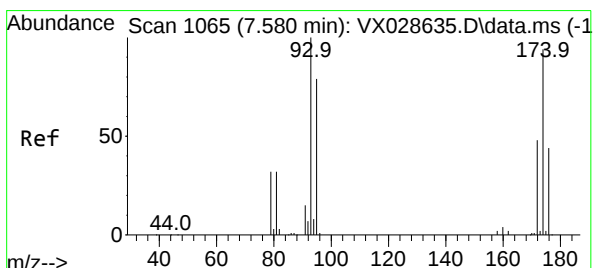
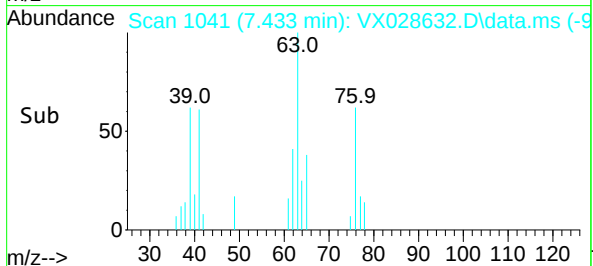
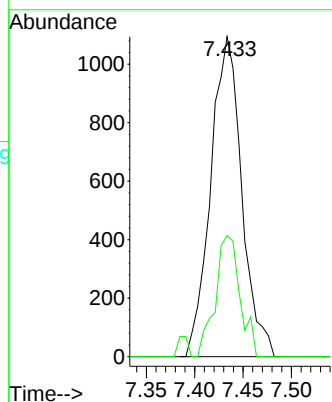
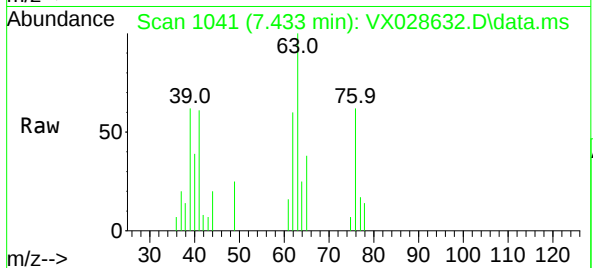
VSTDICC001

Tgt Ion: 63 Resp: 2438

Ion Ratio Lower Upper

63 100

65 37.8 25.8 38.6



#46

Dibromomethane

Concen: 0.950 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

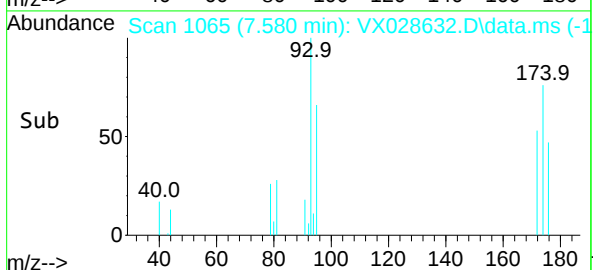
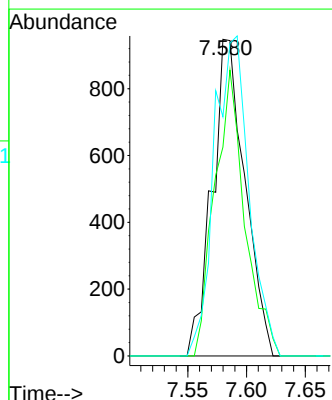
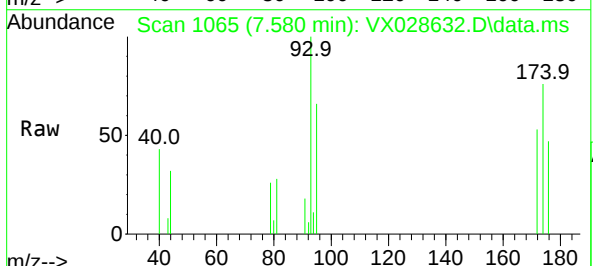
Tgt Ion: 93 Resp: 1839

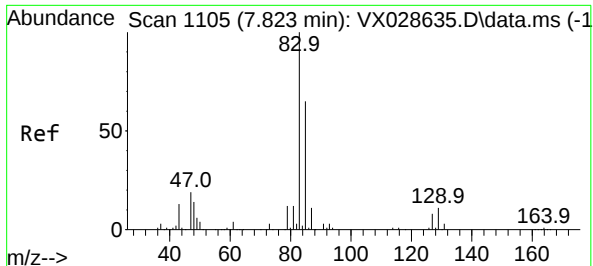
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 106.8 85.4 128.2

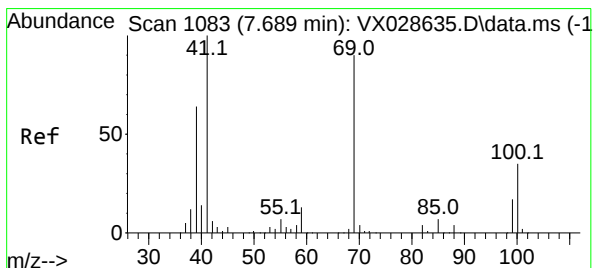
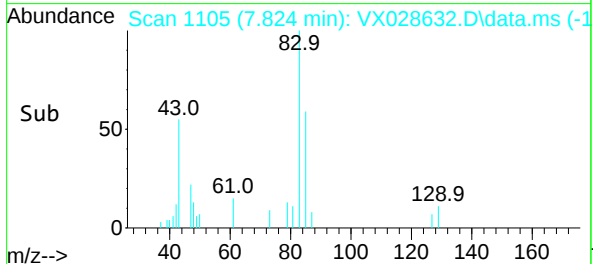
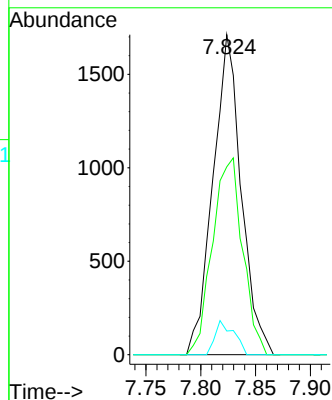
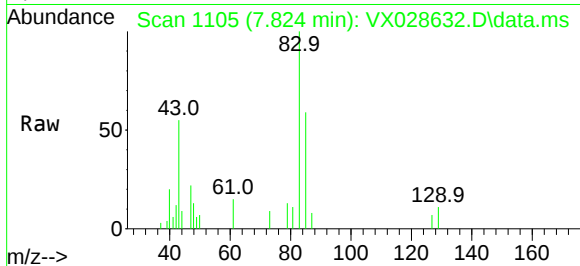




#47
Bromodichloromethane
Concen: 0.830 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

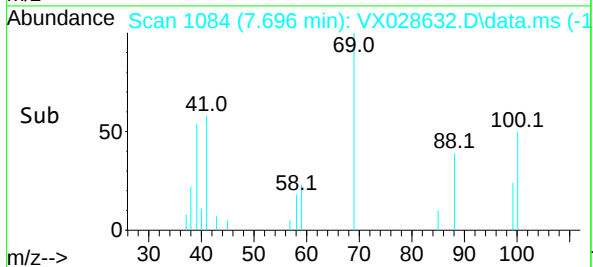
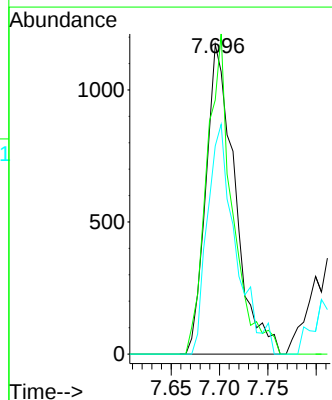
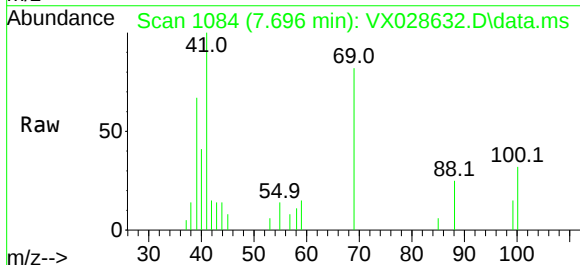
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

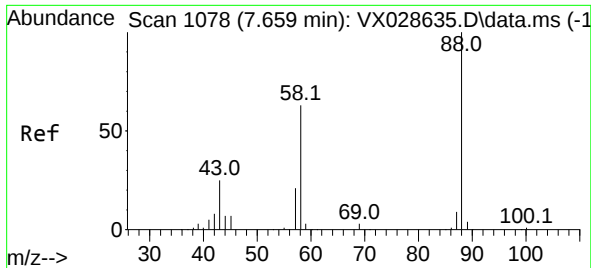
Tgt Ion:	83	Resp:	3075
Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.2	78.2
127	7.4	6.8	10.2



#48
Methyl methacrylate
Concen: 0.921 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:	41	Resp:	2454
Ion	Ratio	Lower	Upper
41	100		
69	92.1	82.5	123.7
39	72.1	43.8	65.8

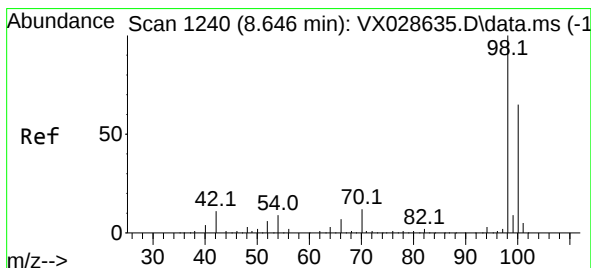
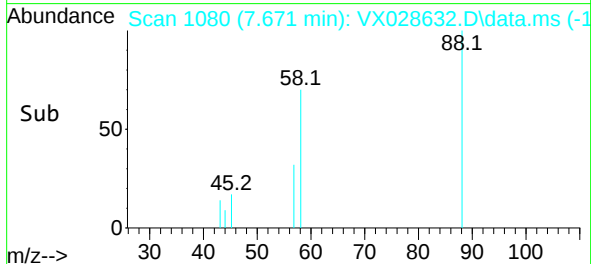
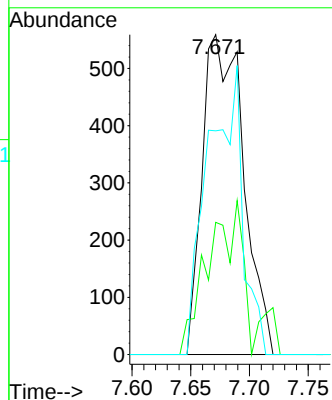
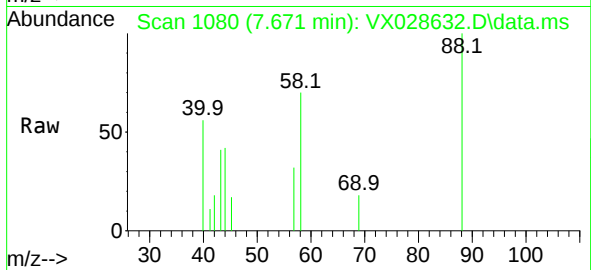




#49
1,4-Dioxane
Concen: 19.573 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

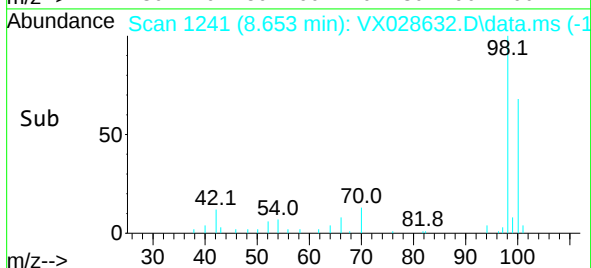
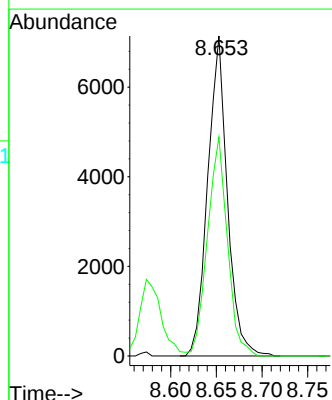
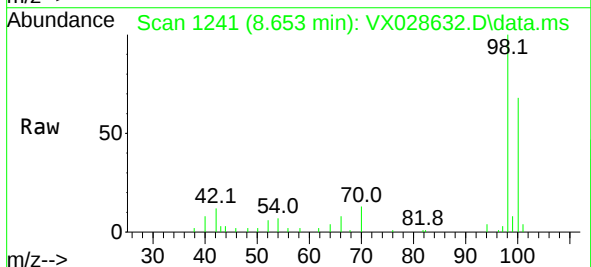
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

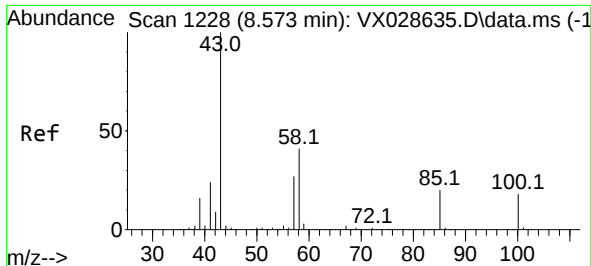
Tgt Ion: 88 Resp: 1359
Ion Ratio Lower Upper
88 100
43 41.3 21.9 32.9#
58 75.9 53.7 80.5



#50
Toluene-d8
Concen: 1.074 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 98 Resp: 10646
Ion Ratio Lower Upper
98 100
100 69.4 52.6 78.8

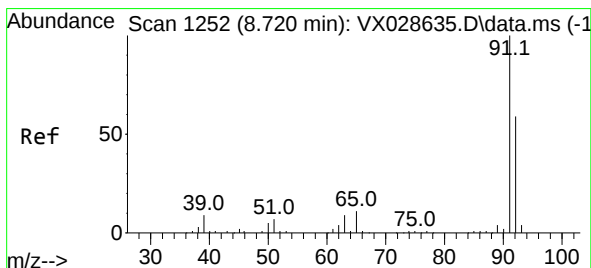
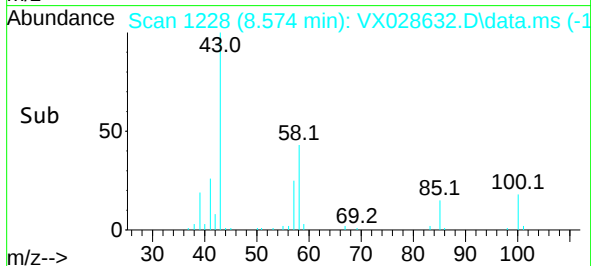
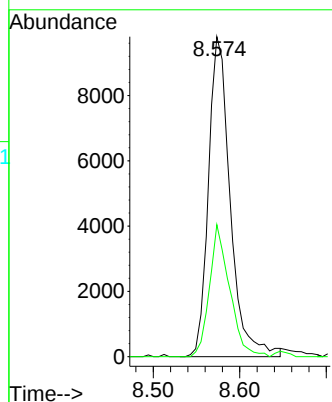
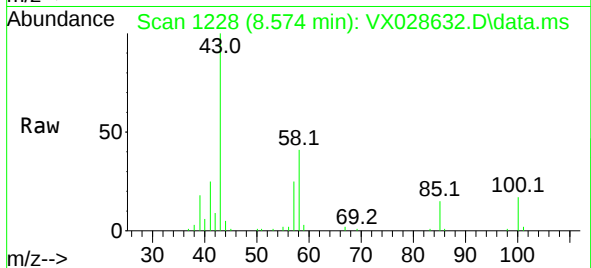




#51
4-Methyl-2-Pentanone
Concen: 4.627 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

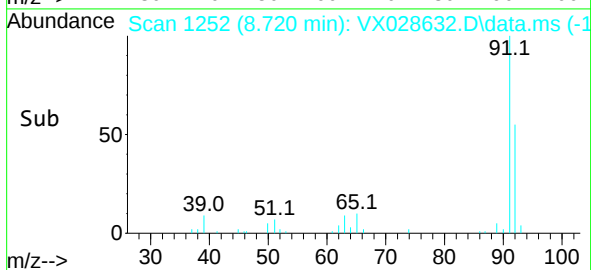
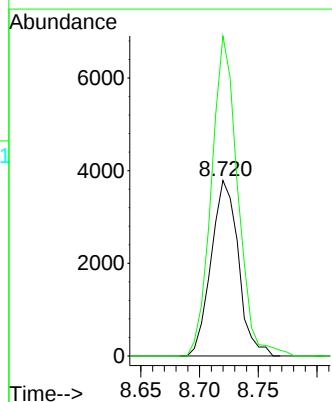
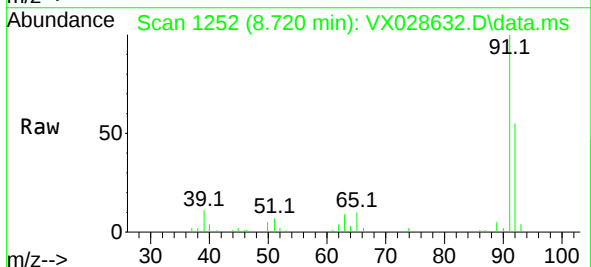
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

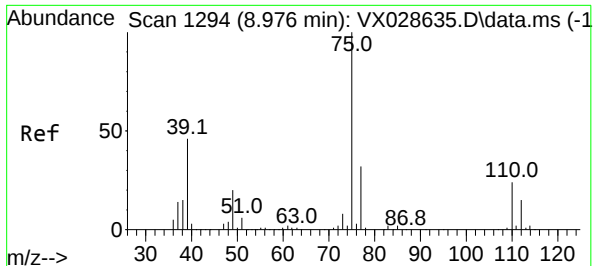
Tgt Ion: 43 Resp: 17105
Ion Ratio Lower Upper
43 100
58 38.1 36.1 54.1



#52
Toluene
Concen: 0.879 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 92 Resp: 6109
Ion Ratio Lower Upper
92 100
91 176.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 0.685 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

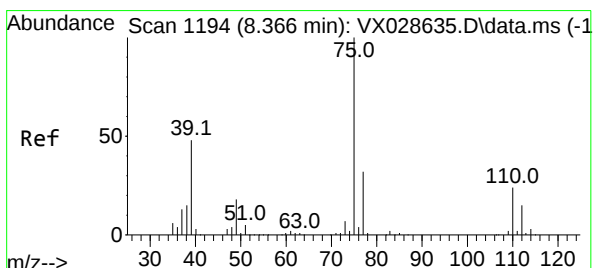
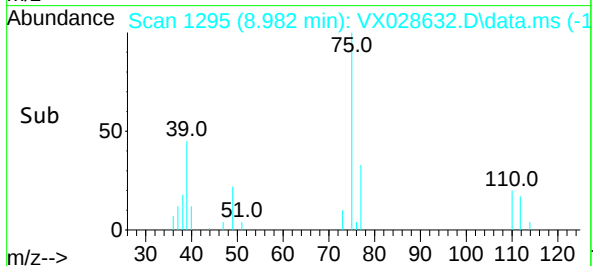
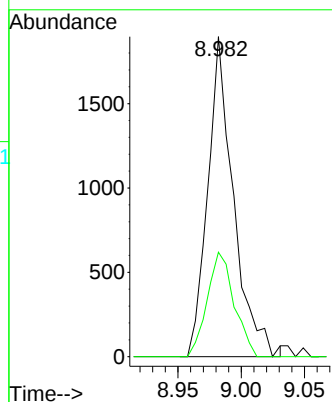
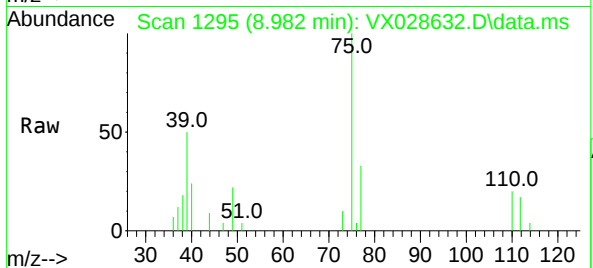
VSTDICC001

Tgt Ion: 75 Resp: 2683

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 0.785 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

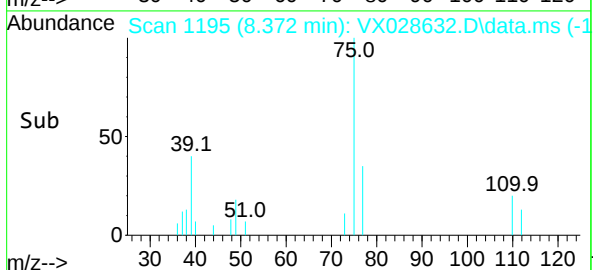
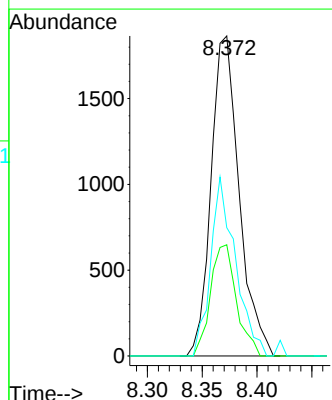
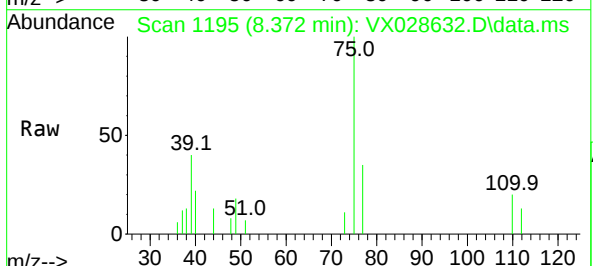
Tgt Ion: 75 Resp: 3322

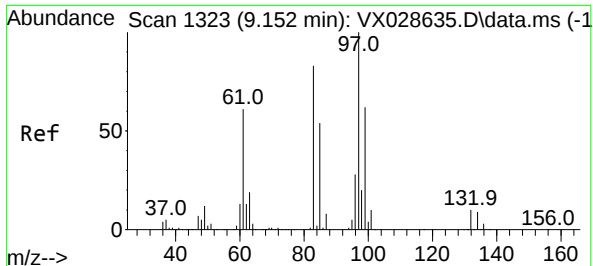
Ion Ratio Lower Upper

75 100

77 34.7 24.8 37.2

39 40.1 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 0.881 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2489

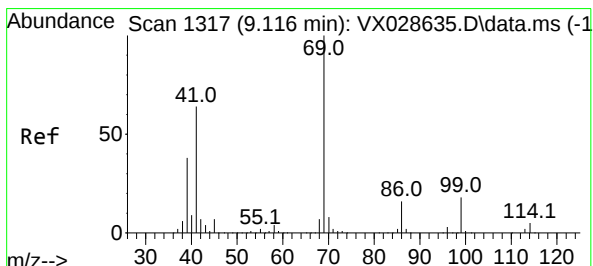
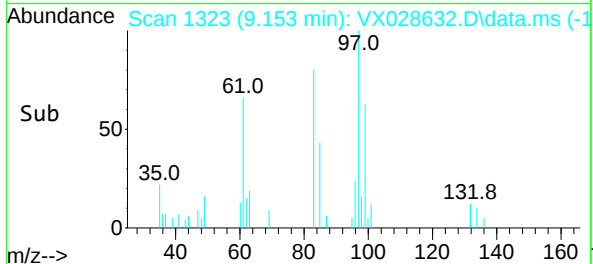
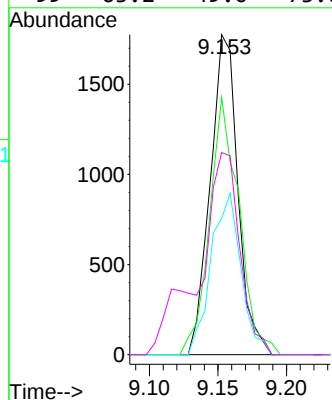
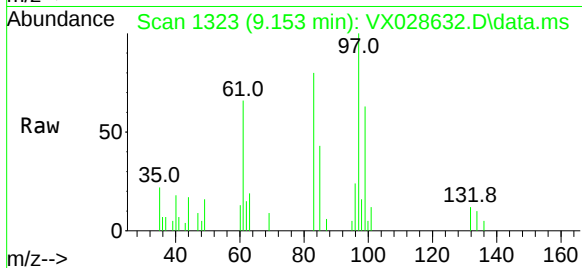
Ion Ratio Lower Upper

97 100

83 80.3 66.2 99.4

85 42.5 42.9 64.3#

99 63.2 49.0 73.6



#56

Ethyl methacrylate

Concen: 0.810 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

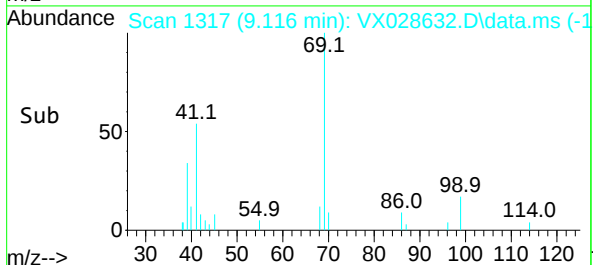
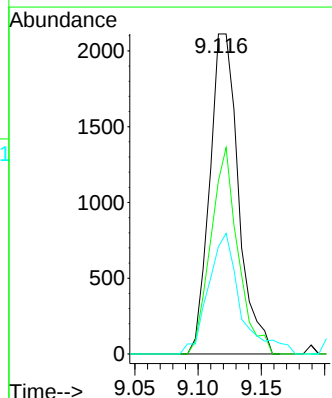
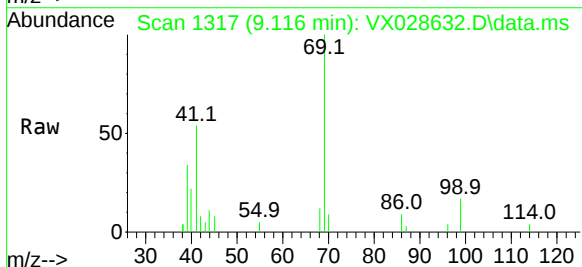
Tgt Ion: 69 Resp: 3342

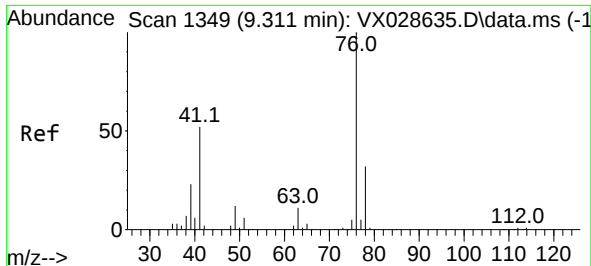
Ion Ratio Lower Upper

69 100

41 60.7 43.8 65.6

39 42.0 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 0.950 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

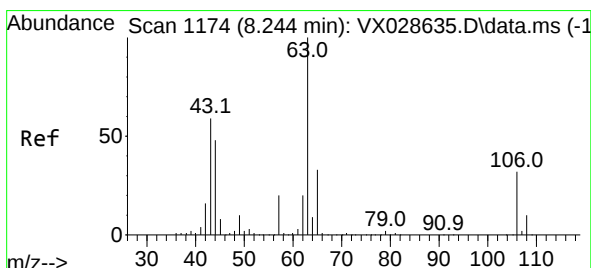
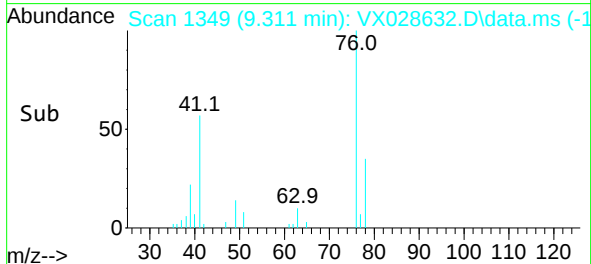
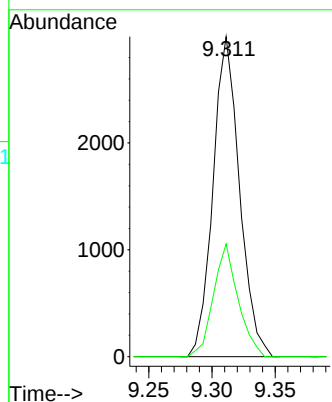
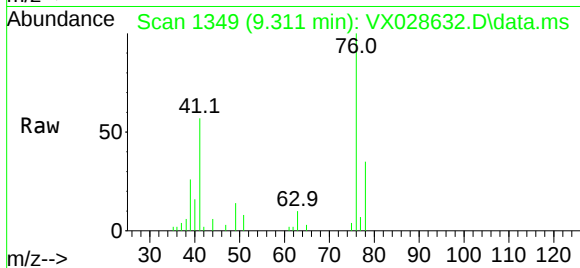
VSTDIC001

Tgt Ion: 76 Resp: 4360

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.669 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028632.D

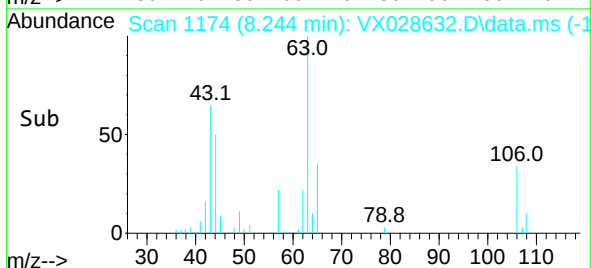
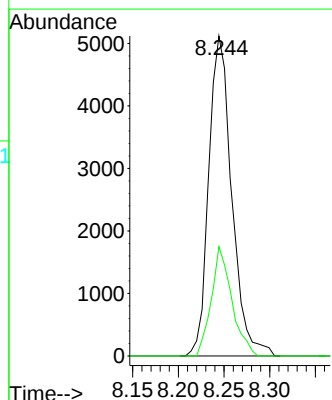
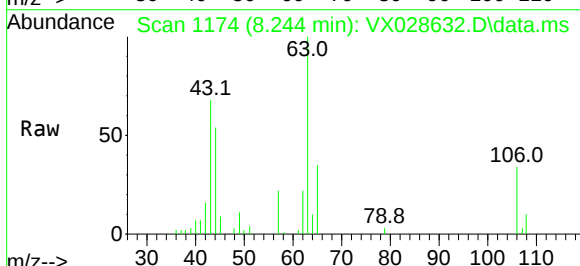
Acq: 12 May 2022 10:31

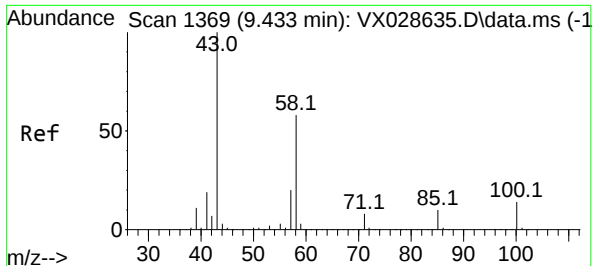
Tgt Ion: 63 Resp: 8959

Ion Ratio Lower Upper

63 100

106 30.3 23.9 35.9





#59

2-Hexanone

Concen: 4.412 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

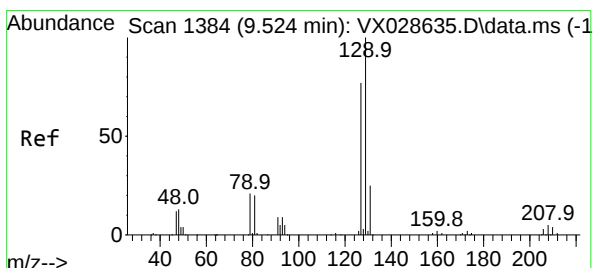
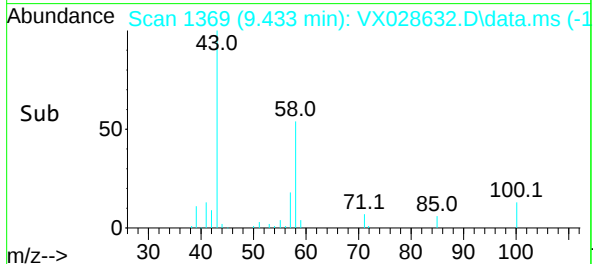
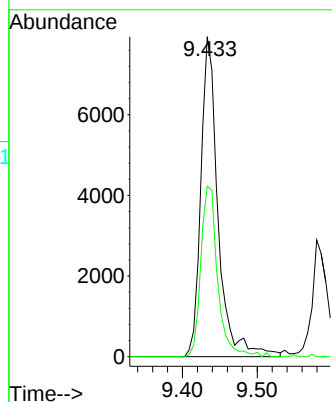
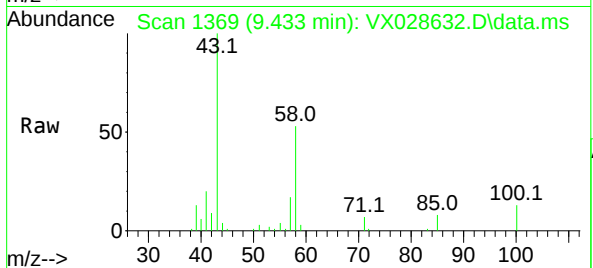
VSTDIC001

Tgt Ion: 43 Resp: 12658

Ion Ratio Lower Upper

43 100

58 52.3 31.9 95.7



#60

Dibromochloromethane

Concen: 0.680 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX028632.D

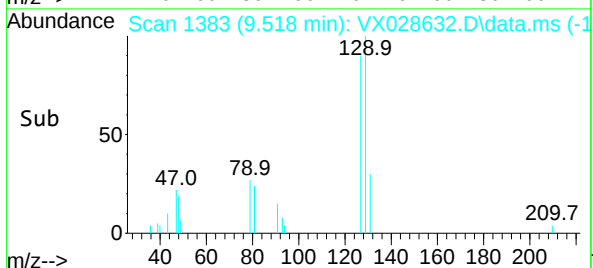
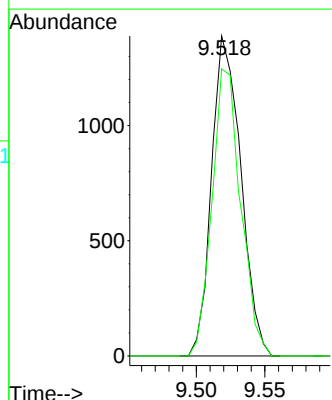
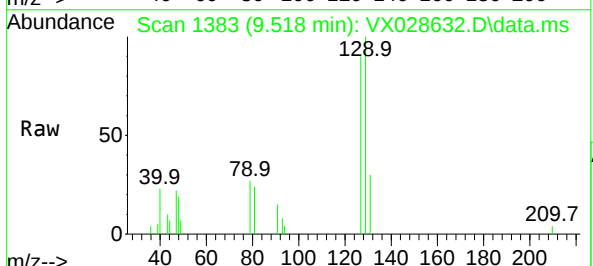
Acq: 12 May 2022 10:31

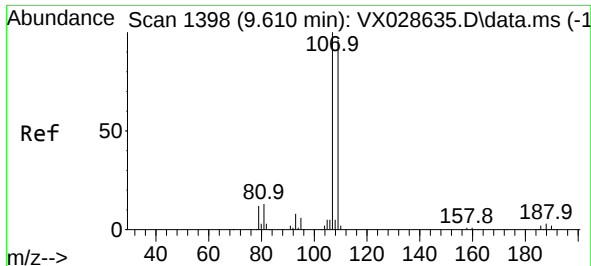
Tgt Ion: 129 Resp: 2058

Ion Ratio Lower Upper

129 100

127 88.2 40.3 120.8





#61

1,2-Dibromoethane

Concen: 0.817 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

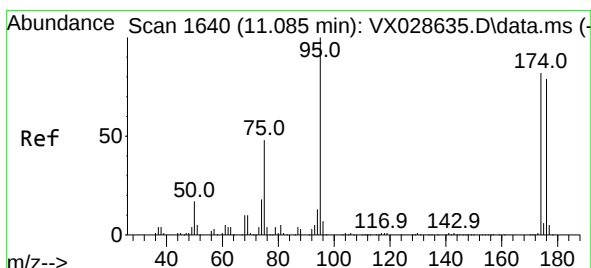
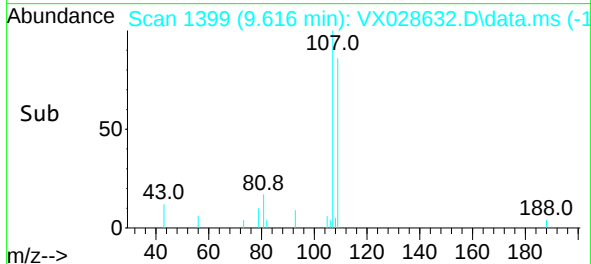
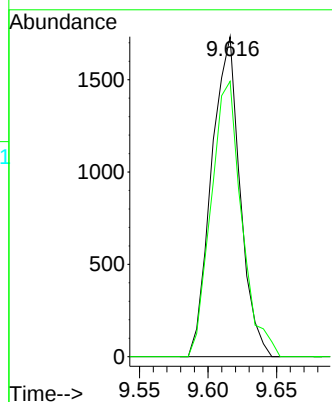
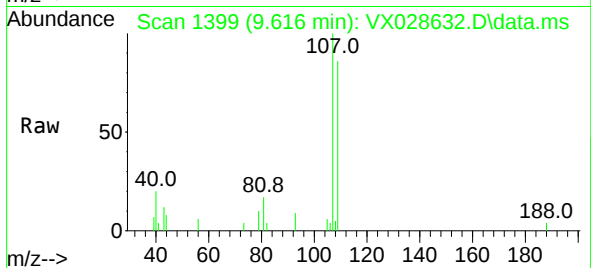
VSTDIC001

Tgt Ion:107 Resp: 2505

Ion Ratio Lower Upper

107 100

109 92.4 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 0.924 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

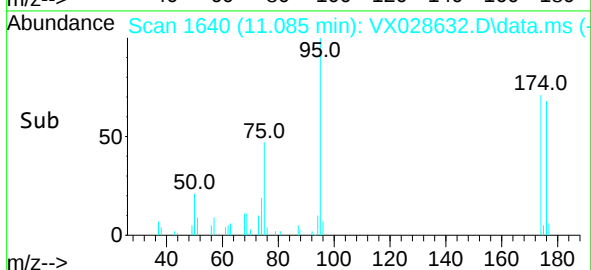
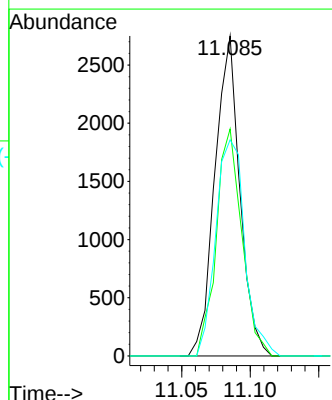
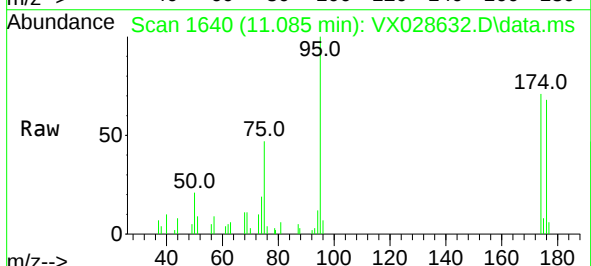
Tgt Ion: 95 Resp: 3484

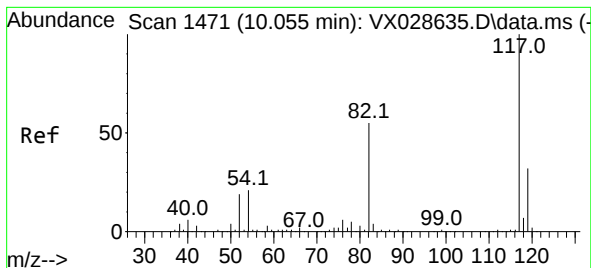
Ion Ratio Lower Upper

95 100

174 72.4 0.0 163.0

176 78.2 0.0 155.0

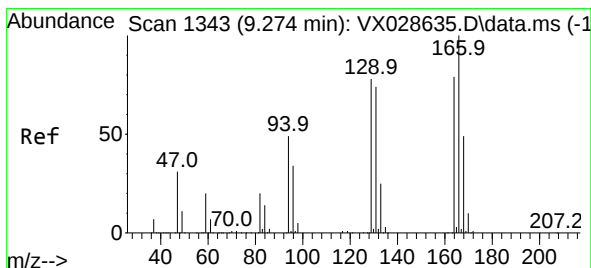
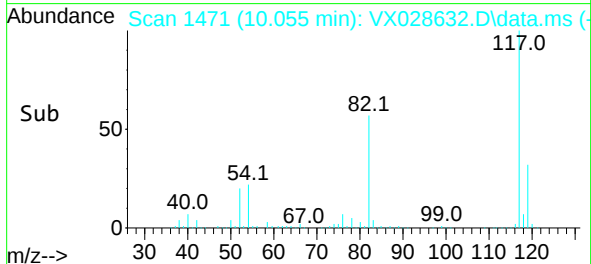
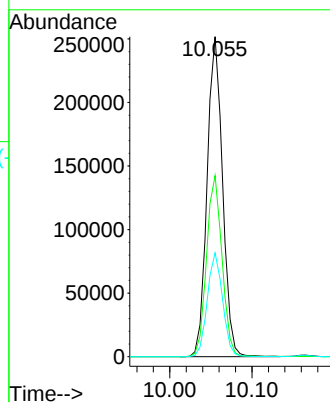
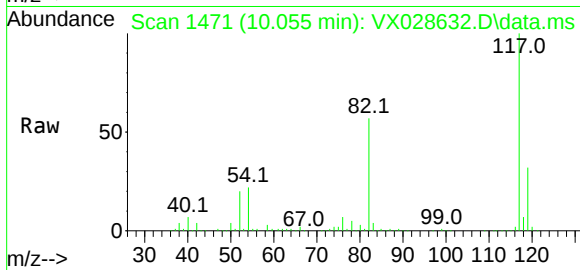




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

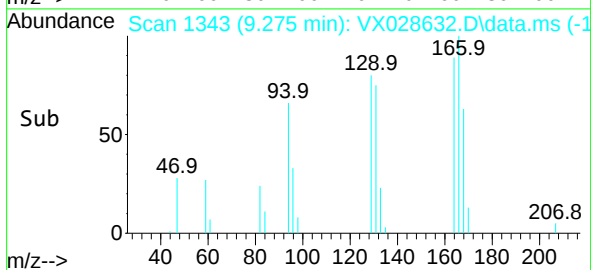
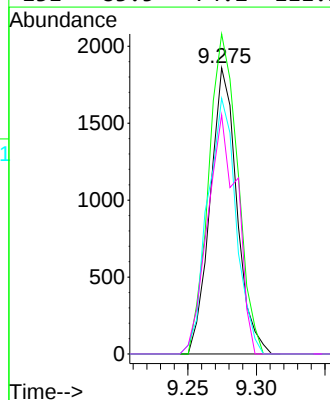
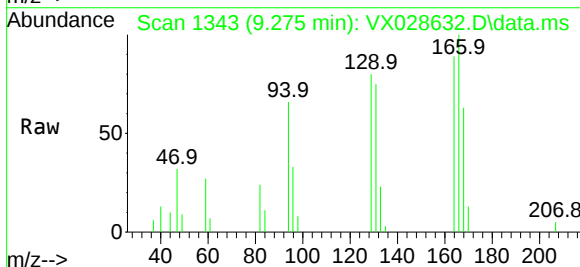
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

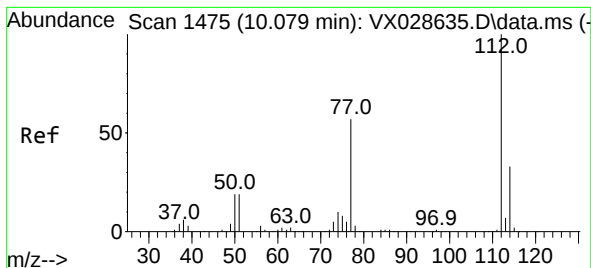
Tgt Ion:117 Resp: 328828
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 0.970 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:164 Resp: 2520
Ion Ratio Lower Upper
164 100
166 111.8 101.2 151.8
129 89.4 73.0 109.4
131 83.5 74.2 111.2

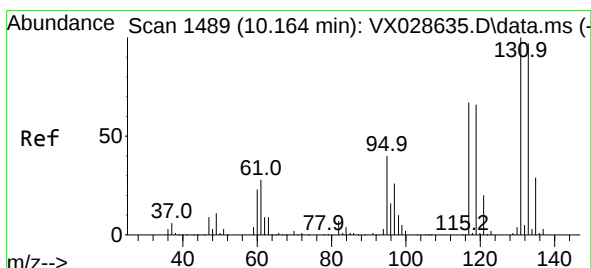
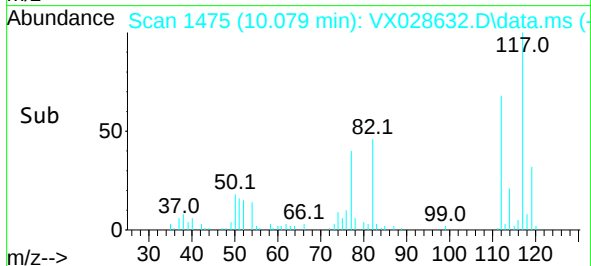
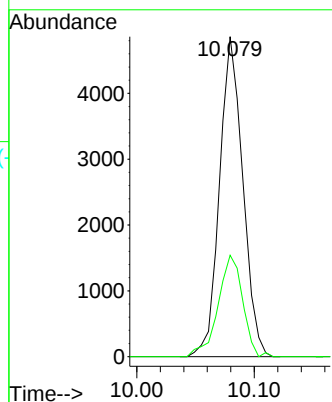
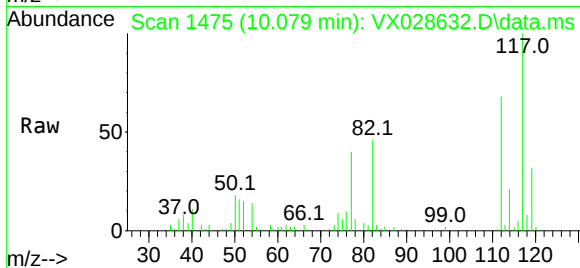




#65
Chlorobenzene
Concen: 0.945 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

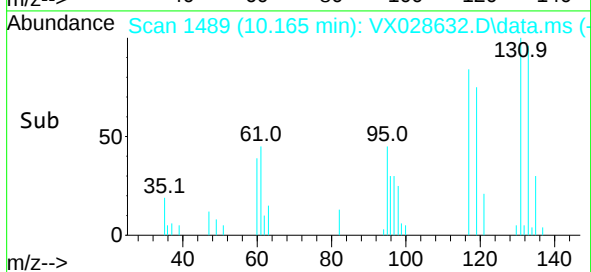
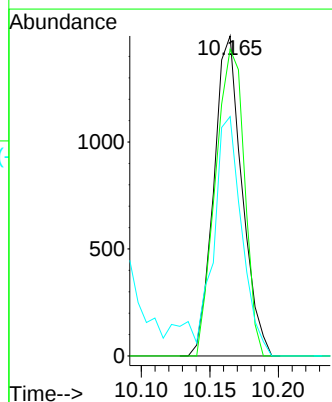
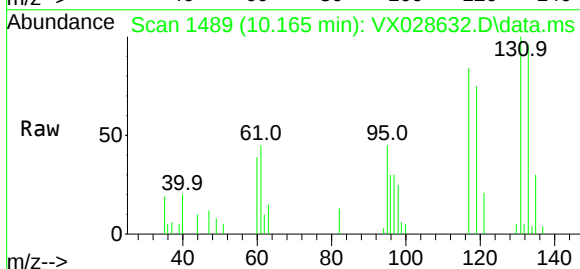
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

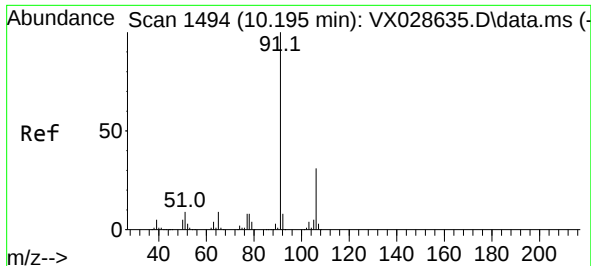
Tgt Ion:112 Resp: 6687
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.816 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:131 Resp: 2137
Ion Ratio Lower Upper
131 100
133 98.6 48.3 144.8
119 0.0 32.6 98.0#





#67

Ethyl Benzene

Concen: 0.964 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

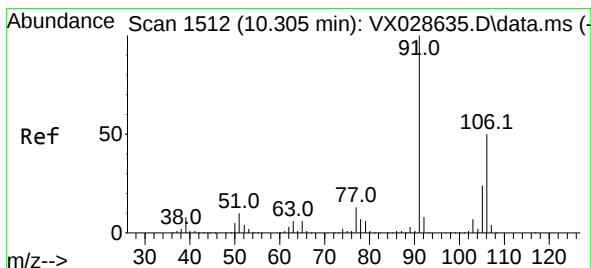
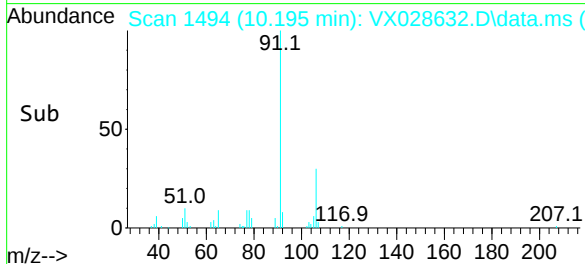
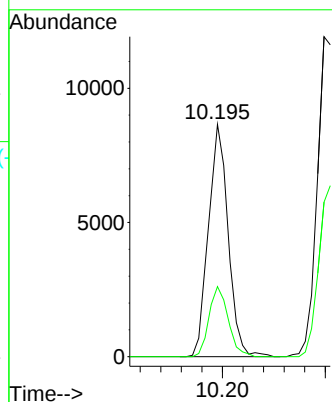
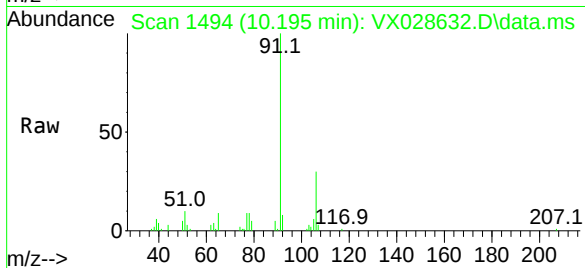
VSTDIC001

Tgt Ion: 91 Resp: 11549

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 1.826 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028632.D

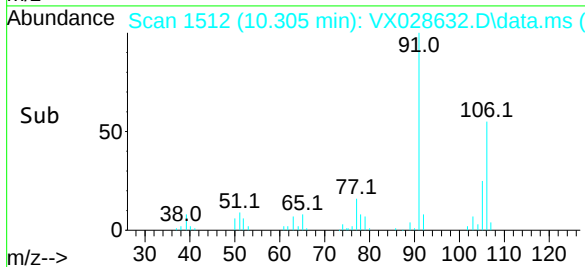
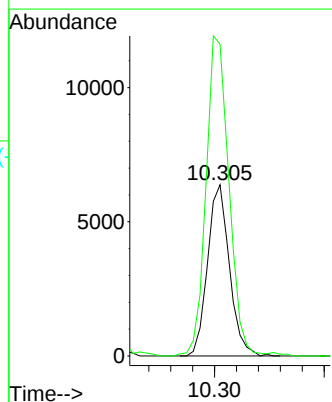
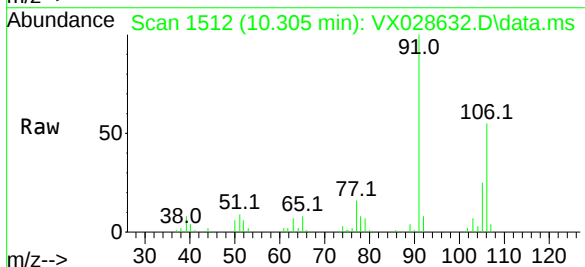
Acq: 12 May 2022 10:31

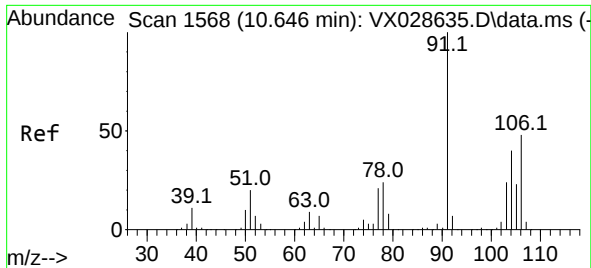
Tgt Ion: 106 Resp: 8826

Ion Ratio Lower Upper

106 100

91 195.4 160.4 240.6

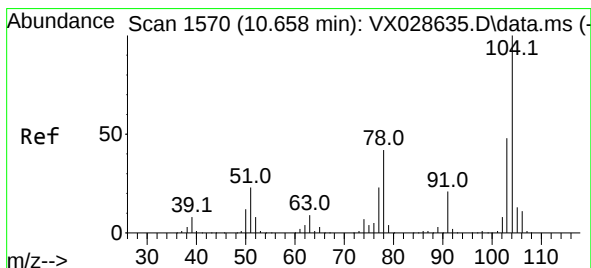
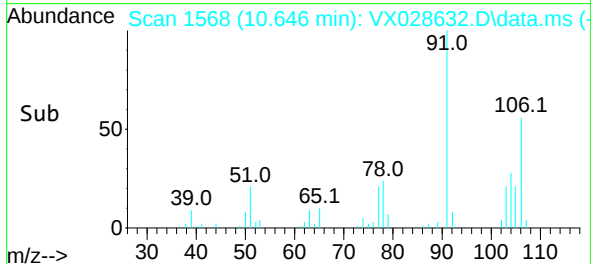
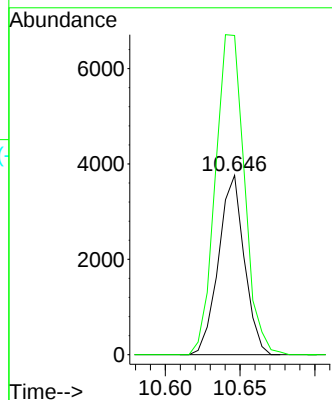
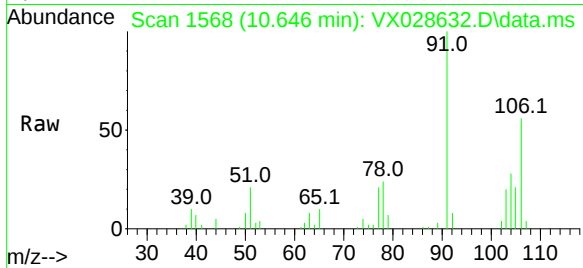




#69
o-Xylene
Concen: 0.938 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

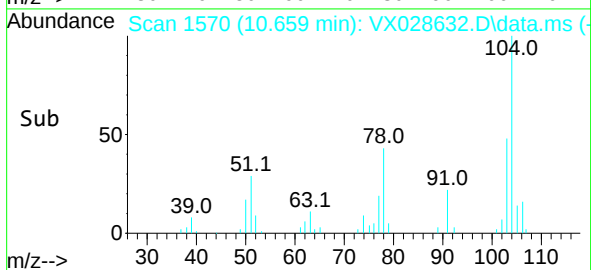
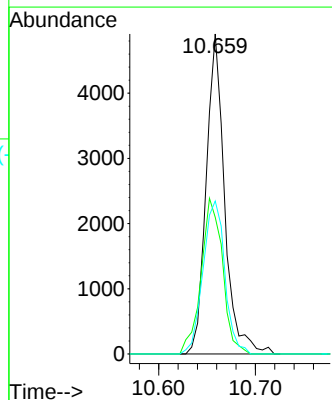
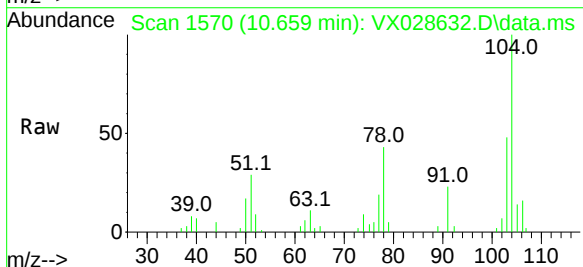
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

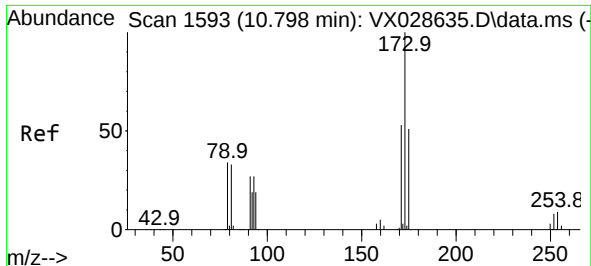
Tgt Ion:106 Resp: 4511
Ion Ratio Lower Upper
106 100
91 201.1 106.1 318.1



#70
Styrene
Concen: 0.834 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:104 Resp: 6523
Ion Ratio Lower Upper
104 100
78 56.3 38.6 57.8
103 56.4 43.8 65.8

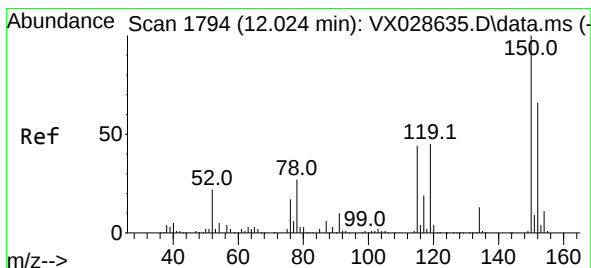
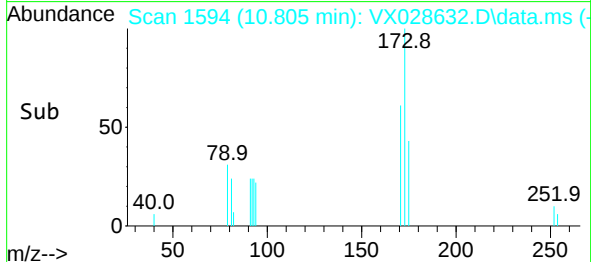
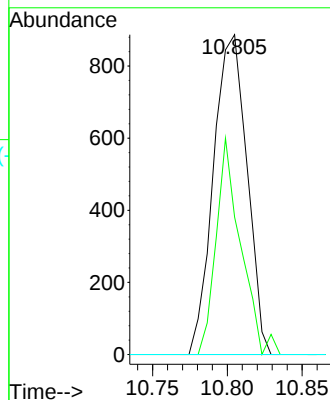
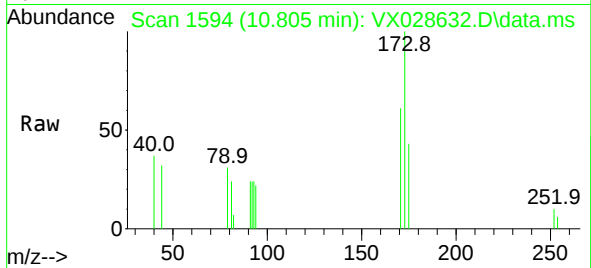




#71
Bromoform
Concen: 0.678 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

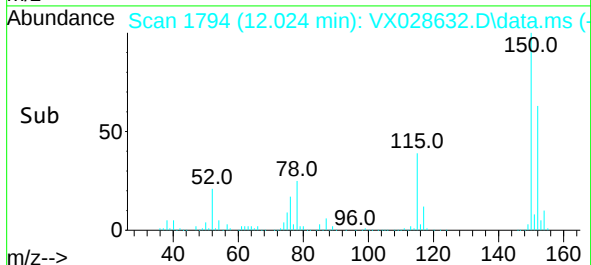
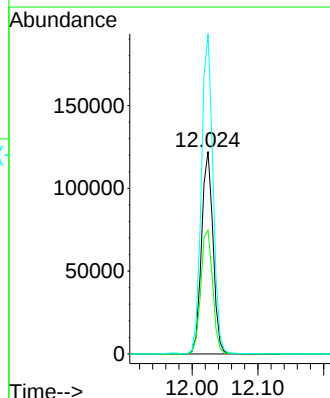
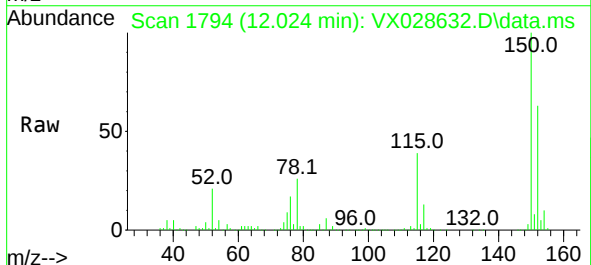
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

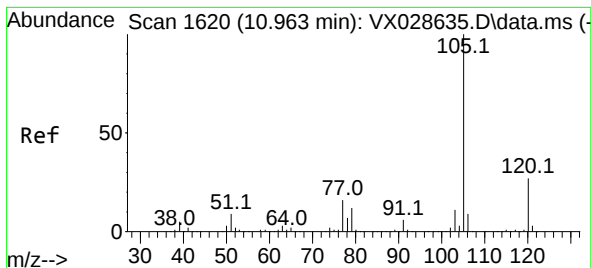
Tgt Ion:173 Resp: 1383
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:152 Resp: 148804
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 159.1 0.0 338.2





#73

Isopropylbenzene

Concen: 1.006 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

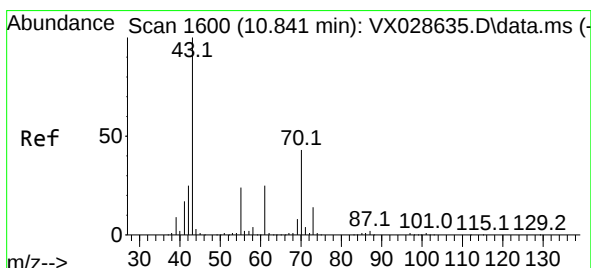
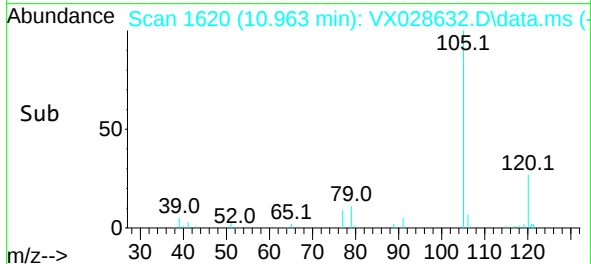
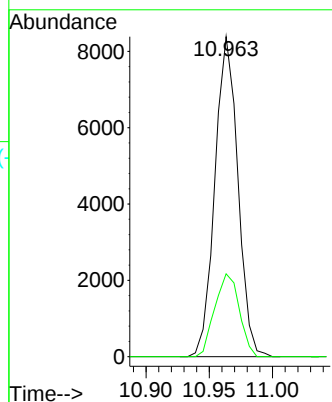
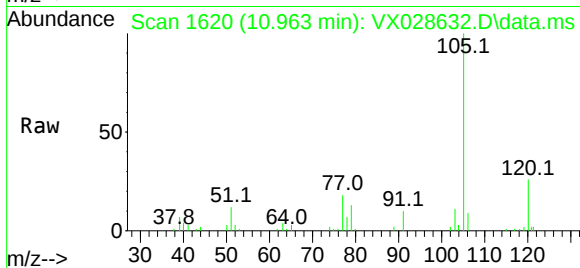
VSTDIC001

Tgt Ion:105 Resp: 10574

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.5



#74

N-ethyl acetate

Concen: 0.954 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Tgt Ion: 43 Resp: 3578

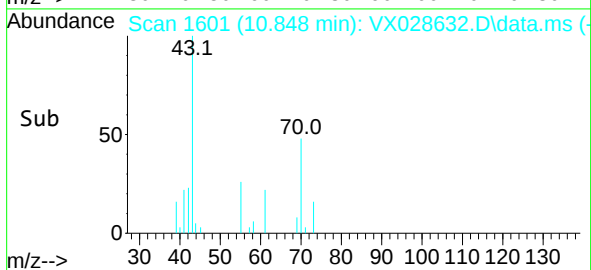
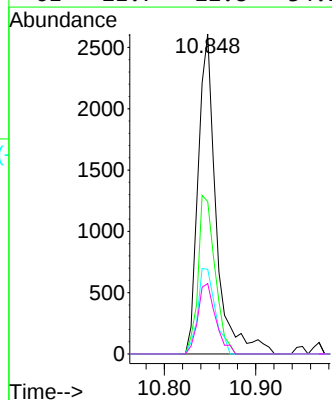
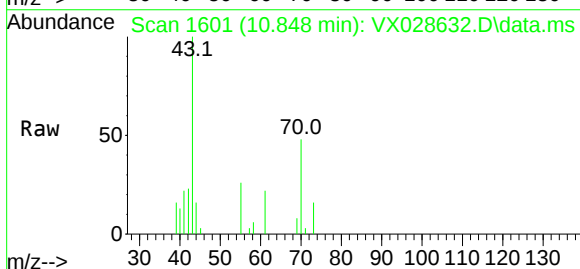
Ion Ratio Lower Upper

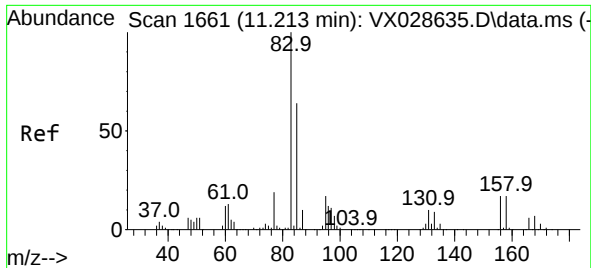
43 100

70 46.4 42.5 63.7

55 25.9 23.1 34.7

61 21.7 22.8 34.2#

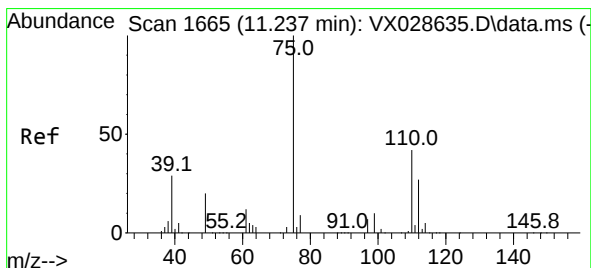
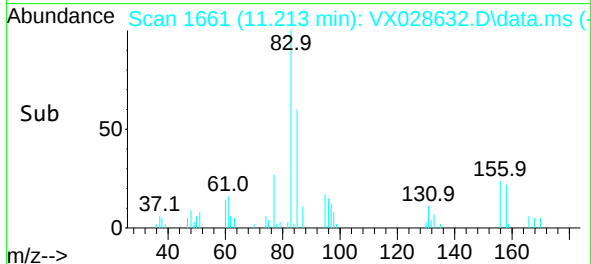
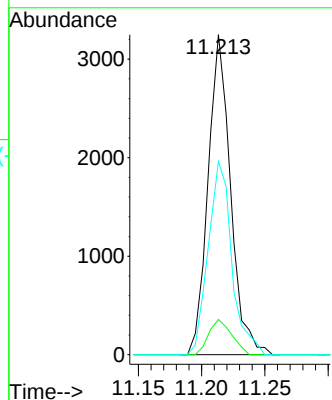
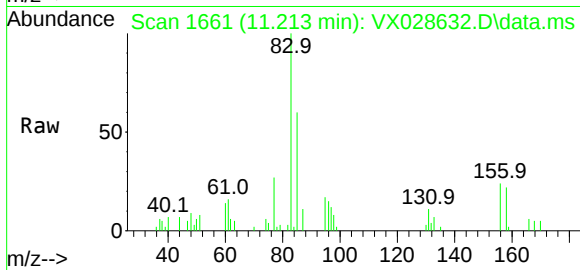




#75
1,1,2,2-Tetrachloroethane
Concen: 1.172 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

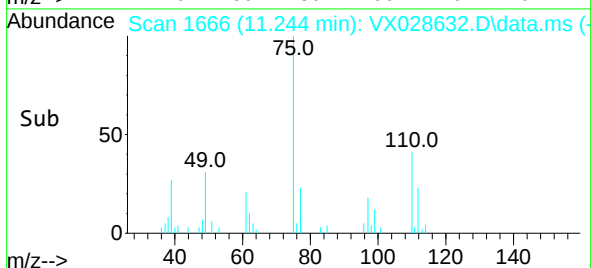
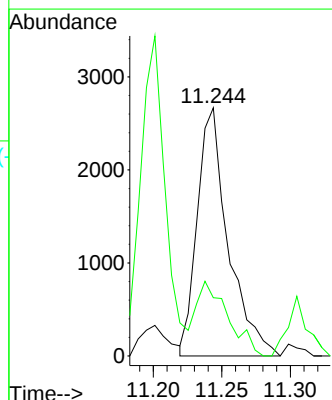
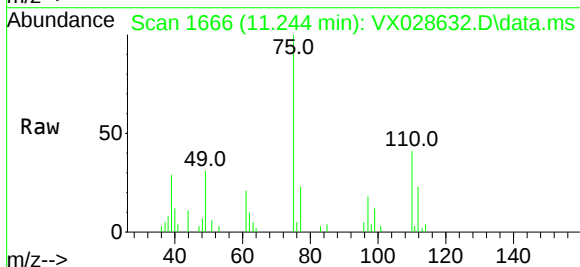
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

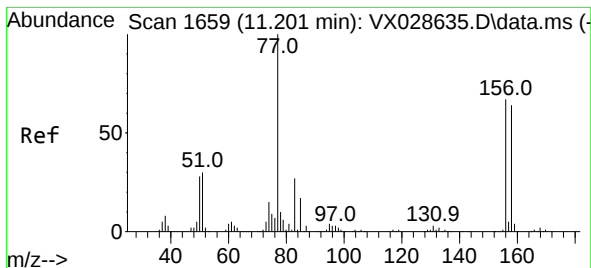
Tgt Ion: 83 Resp: 4017
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 63.5 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 1.377 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 75 Resp: 4179
Ion Ratio Lower Upper
75 100
77 30.7 19.4 58.2





#77

Bromobenzene

Concen: 0.937 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

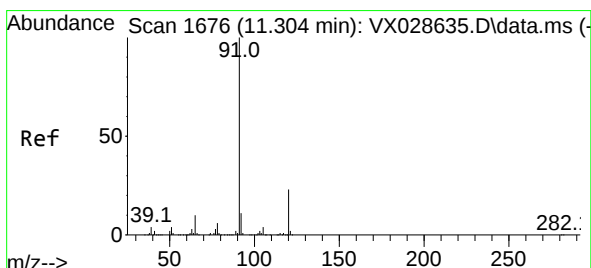
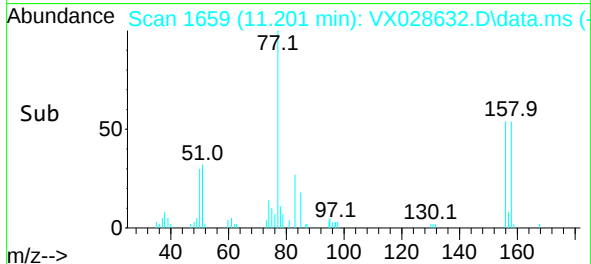
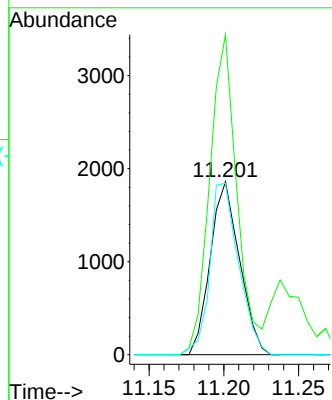
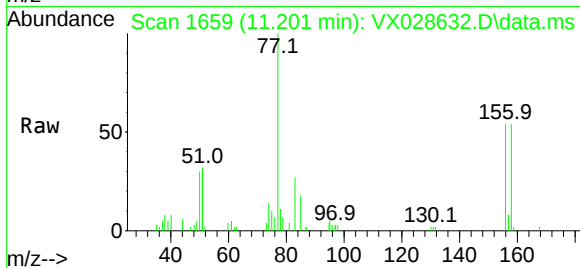
Tgt Ion:156 Resp: 2531

Ion Ratio Lower Upper

156 100

77 172.6 78.5 235.3

158 97.8 50.2 150.7



#78

n-propylbenzene

Concen: 1.029 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX028632.D

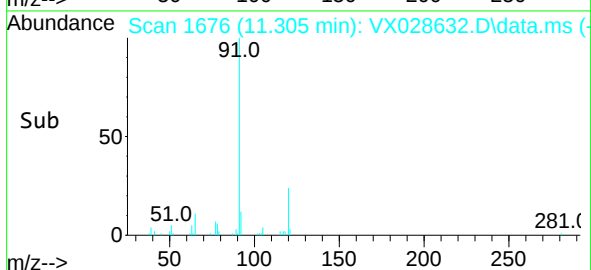
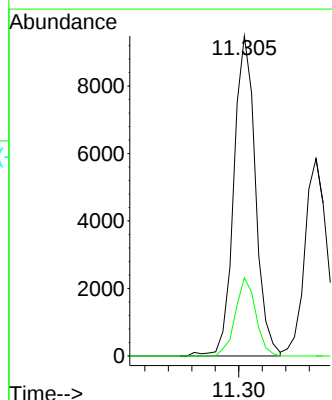
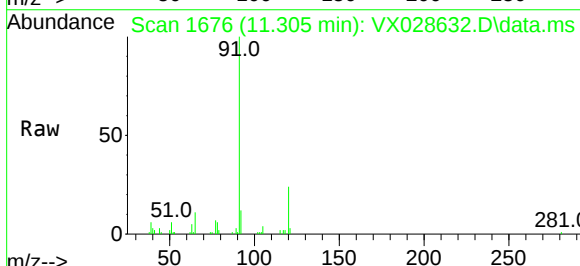
Acq: 12 May 2022 10:31

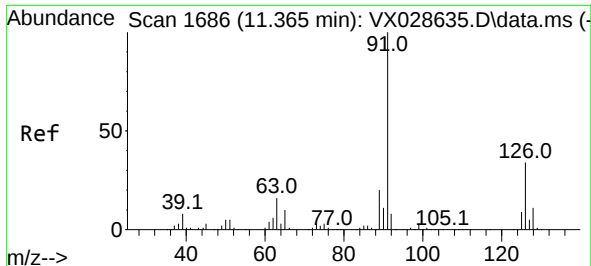
Tgt Ion: 91 Resp: 12071

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

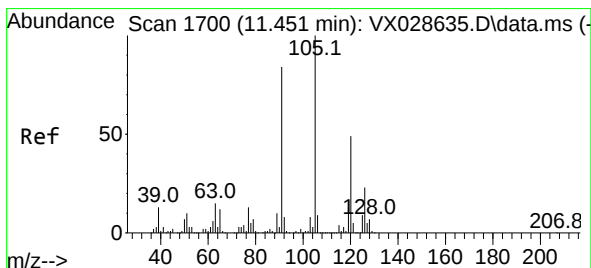
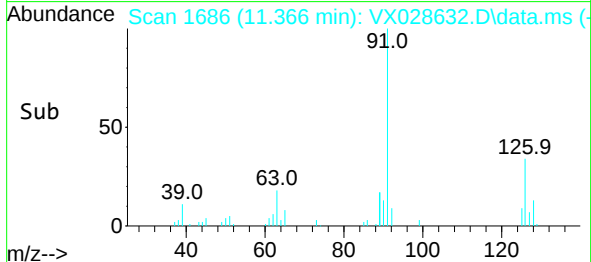
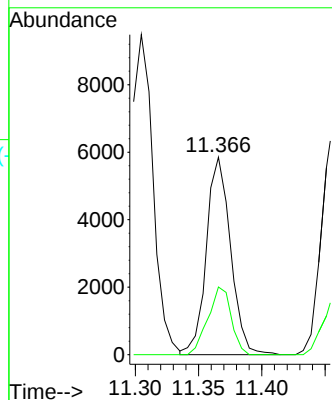
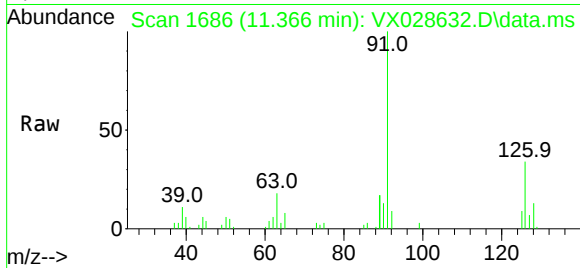




#79
2-Chlorotoluene
Concen: 1.075 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

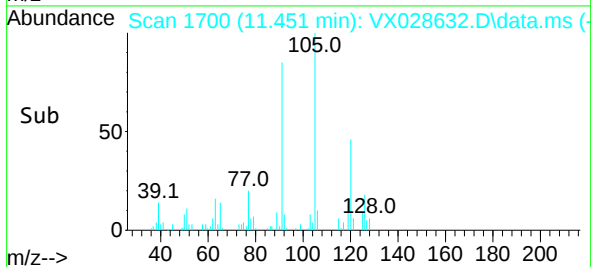
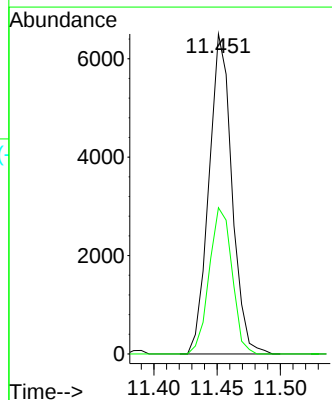
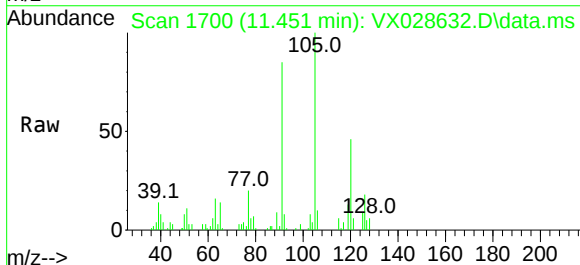
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

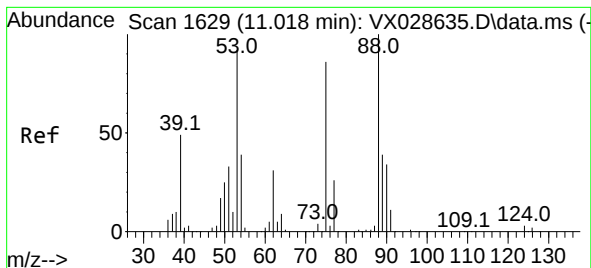
Tgt Ion: 91 Resp: 7804
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.923 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 105 Resp: 8201
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9

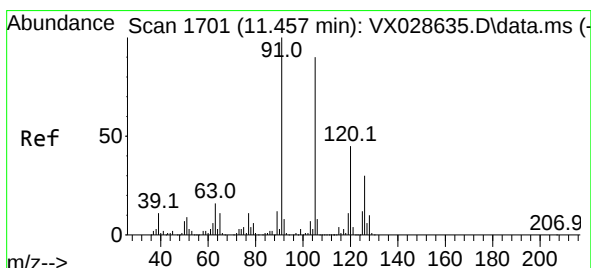
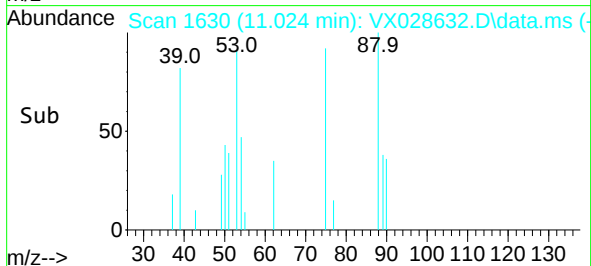
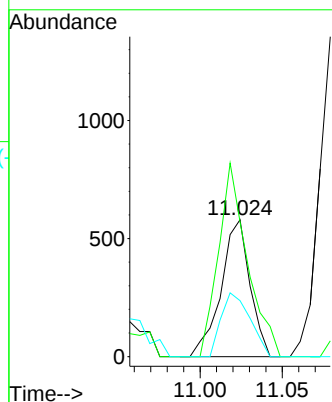
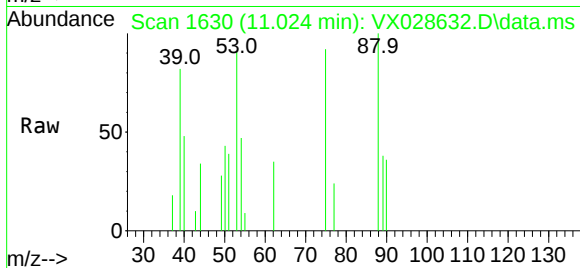




#81
trans-1,4-Dichloro-2-butene
Concen: 0.701 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

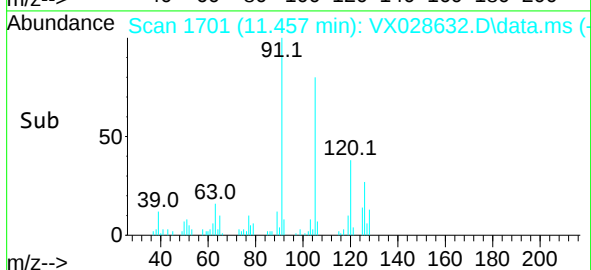
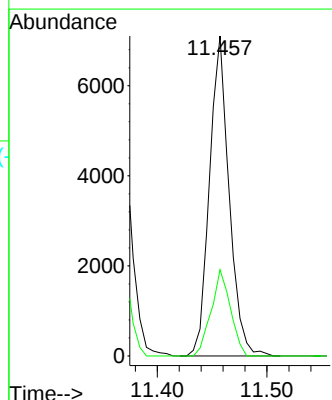
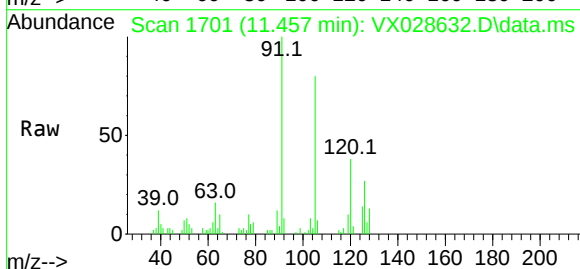
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

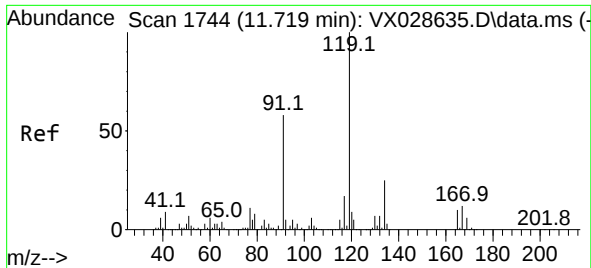
Tgt Ion: 75 Resp: 710
Ion Ratio Lower Upper
75 100
53 141.0 69.0 103.4#
89 46.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 1.054 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion: 91 Resp: 8827
Ion Ratio Lower Upper
91 100
126 26.5 14.9 44.5

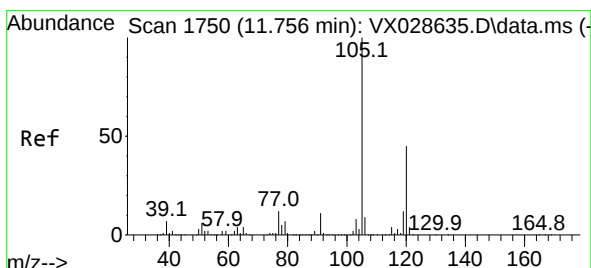
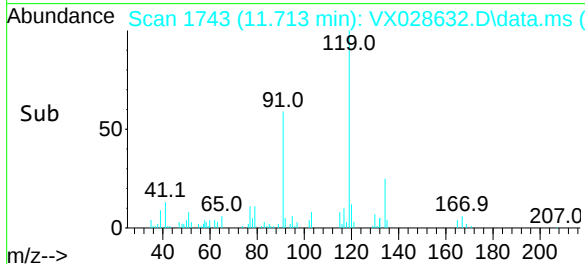
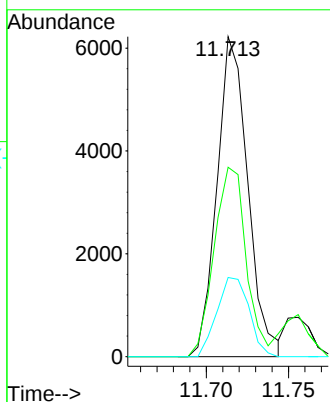
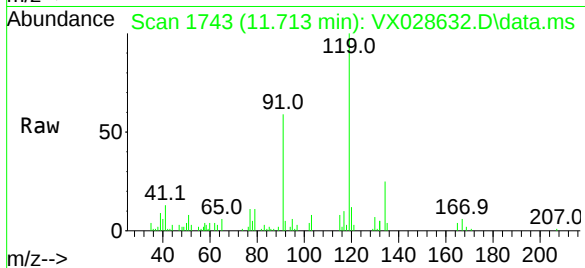




#83
tert-Butylbenzene
Concen: 0.902 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

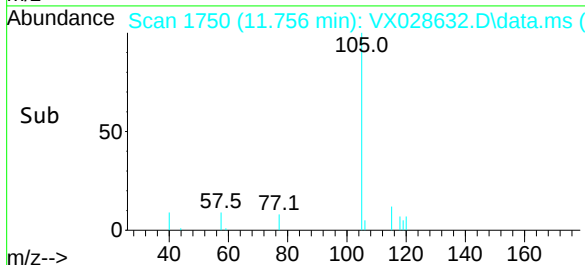
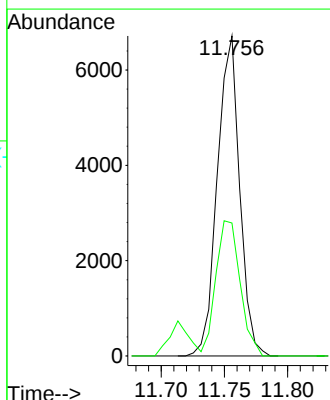
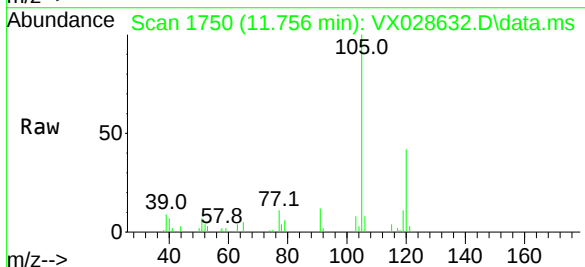
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

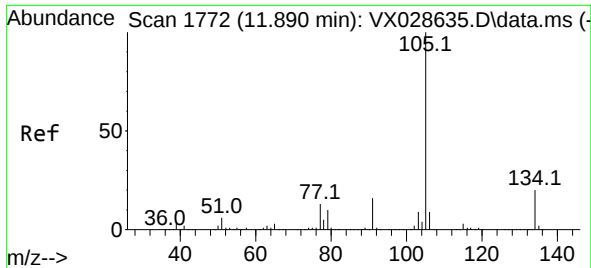
Tgt Ion:119 Resp: 8108
Ion Ratio Lower Upper
119 100
91 61.6 26.9 80.6
134 25.9 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.932 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:105 Resp: 8224
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.8

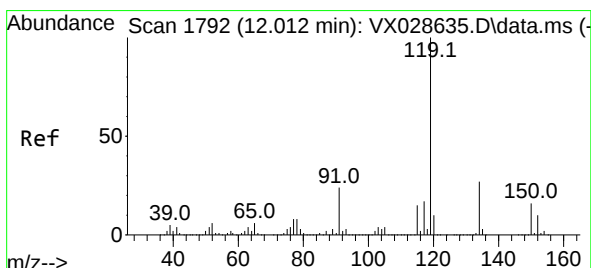
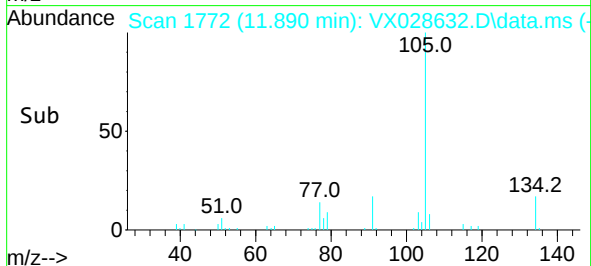
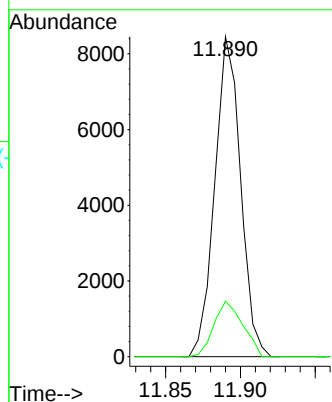
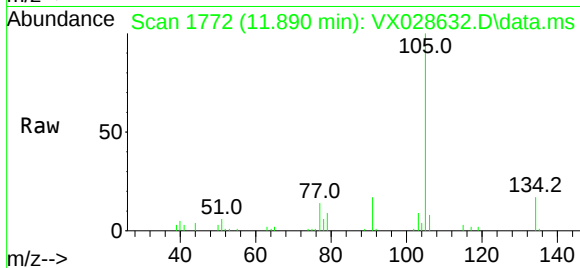




#85
 sec-Butylbenzene
 Concen: 0.931 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028632.D
 Acq: 12 May 2022 10:31

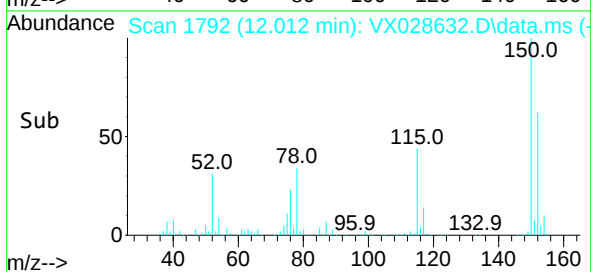
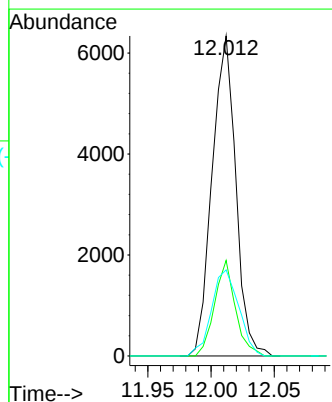
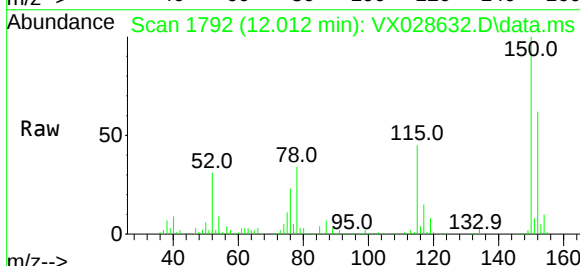
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

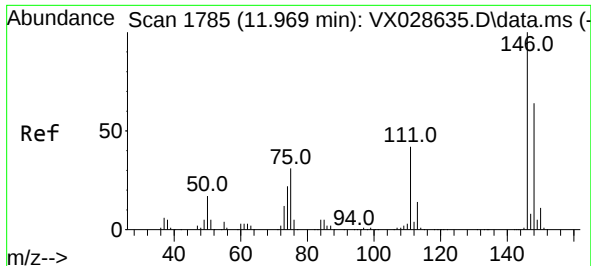
Tgt Ion:105 Resp: 10132
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.881 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028632.D
 Acq: 12 May 2022 10:31

Tgt Ion:119 Resp: 8233
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 31.0 11.3 33.9

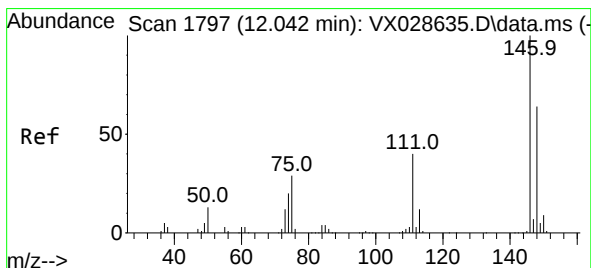
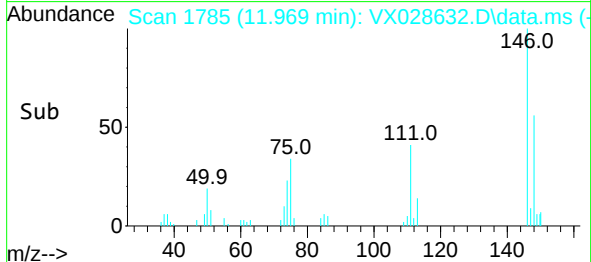
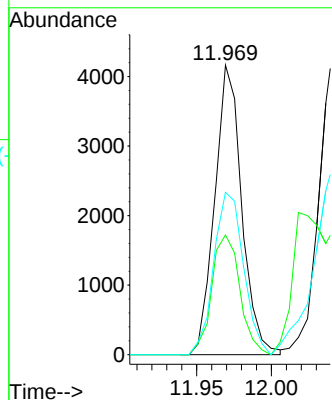
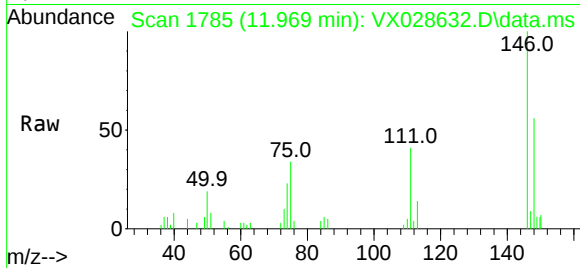




#87
1,3-Dichlorobenzene
Concen: 1.031 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

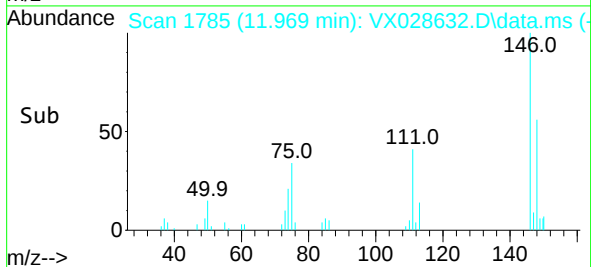
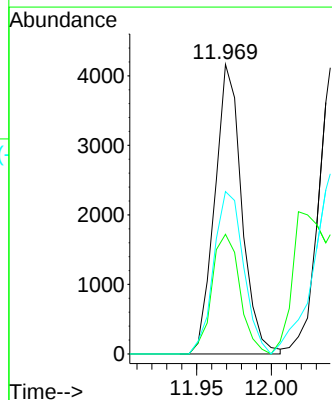
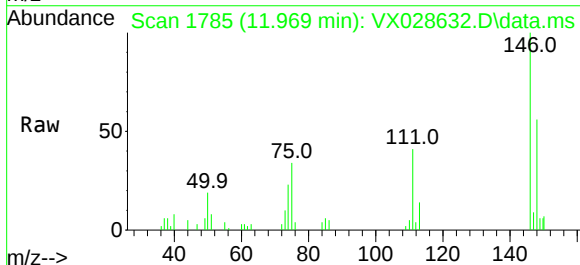
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

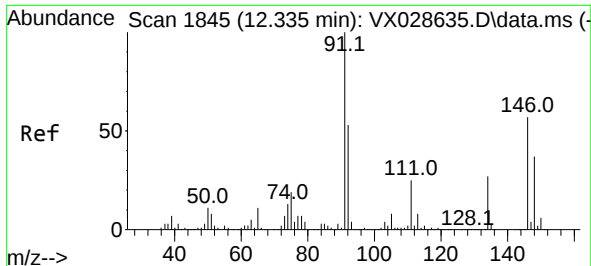
Tgt Ion:146 Resp: 5233
Ion Ratio Lower Upper
146 100
111 43.0 19.7 59.1
148 61.7 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 0.984 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX028632.D
Acq: 12 May 2022 10:31

Tgt Ion:146 Resp: 5233
Ion Ratio Lower Upper
146 100
111 43.0 19.2 57.6
148 61.7 32.3 96.9





#89

n-Butylbenzene

Concen: 0.905 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

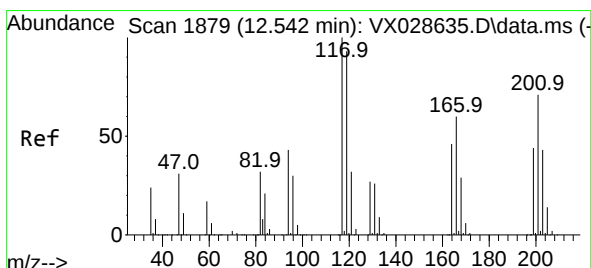
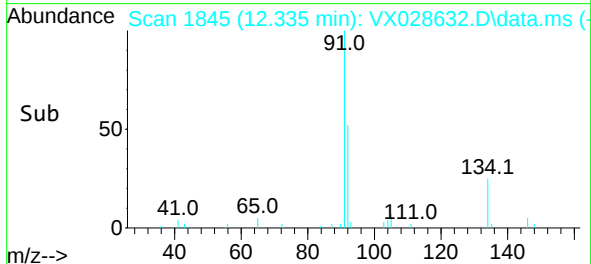
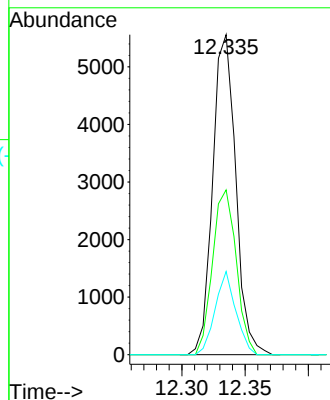
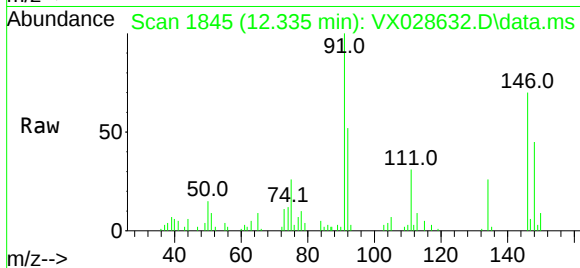
Tgt Ion: 91 Resp: 7040

Ion Ratio Lower Upper

91 100

92 52.9 27.8 83.3

134 23.3 13.3 39.8



#90

Hexachloroethane

Concen: 0.883 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX028632.D

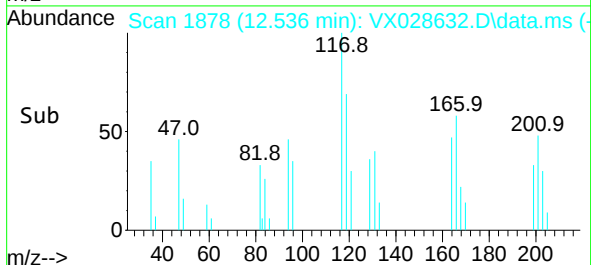
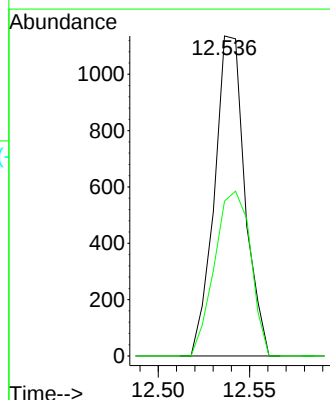
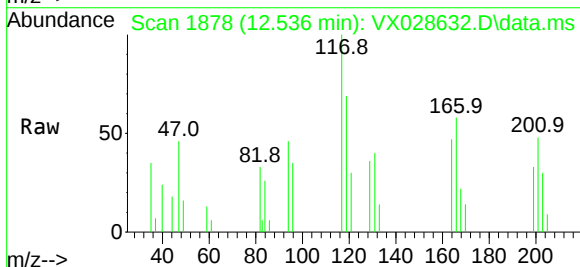
Acq: 12 May 2022 10:31

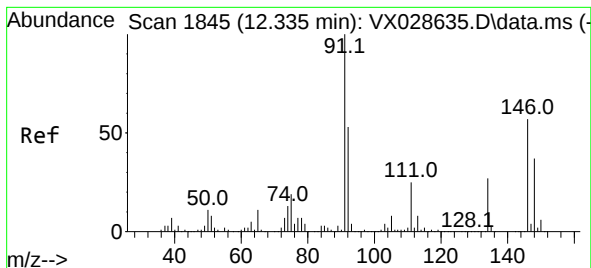
Tgt Ion: 117 Resp: 1319

Ion Ratio Lower Upper

117 100

201 60.7 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 0.987 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

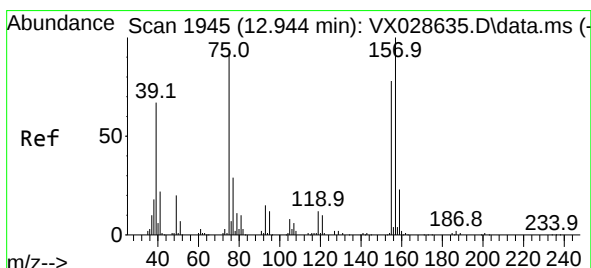
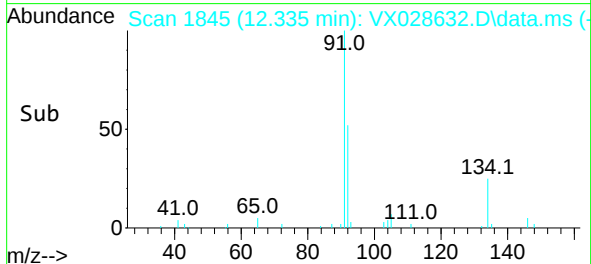
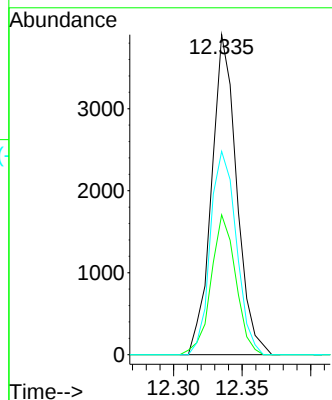
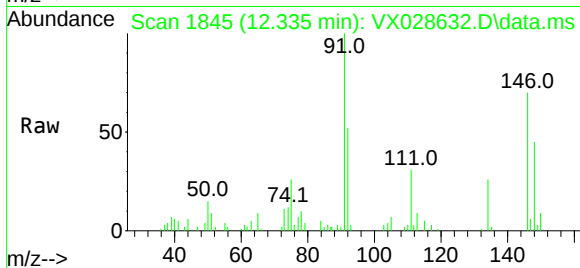
Tgt Ion:146 Resp: 4977

Ion Ratio Lower Upper

146 100

111 42.7 21.0 63.0

148 65.6 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.943 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

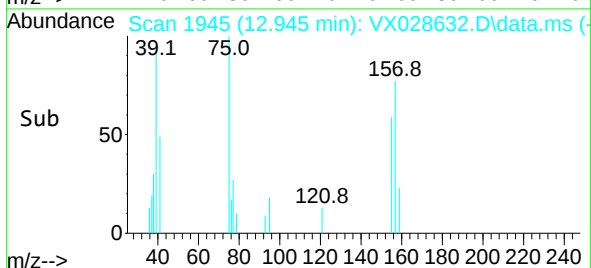
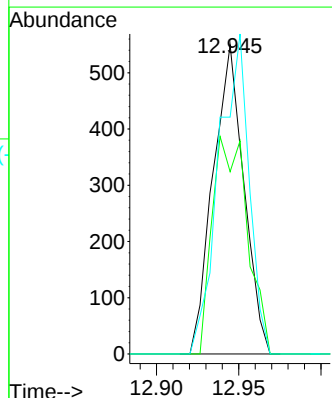
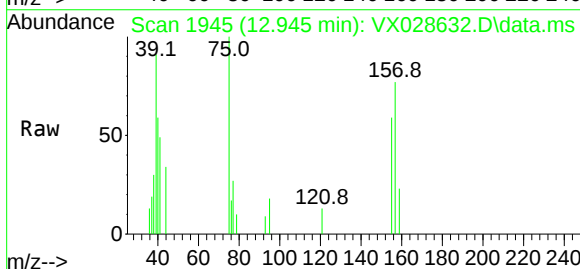
Tgt Ion: 75 Resp: 717

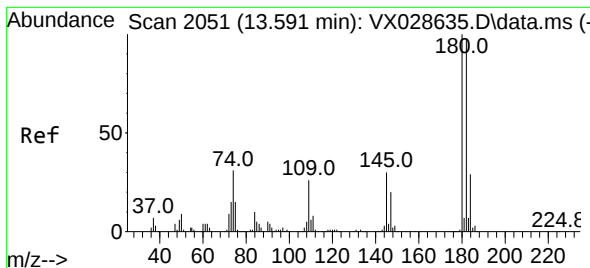
Ion Ratio Lower Upper

75 100

155 79.8 47.0 141.2

157 101.4 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 0.936 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

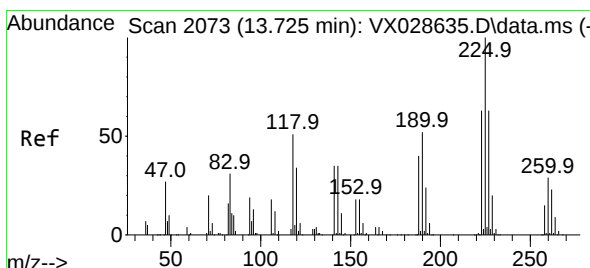
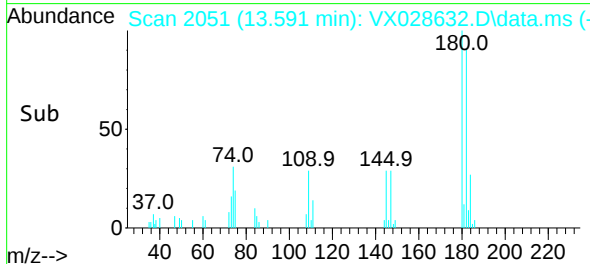
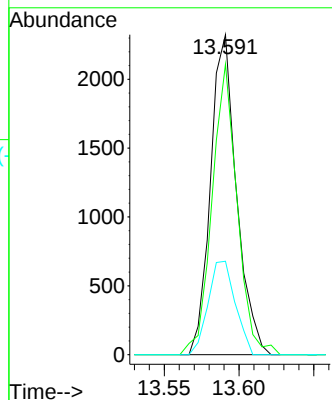
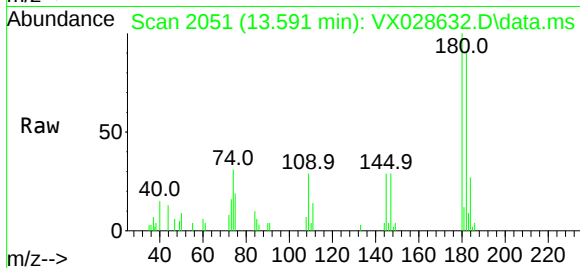
Tgt Ion:180 Resp: 2808

Ion Ratio Lower Upper

180 100

182 87.4 47.7 143.1

145 30.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.977 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

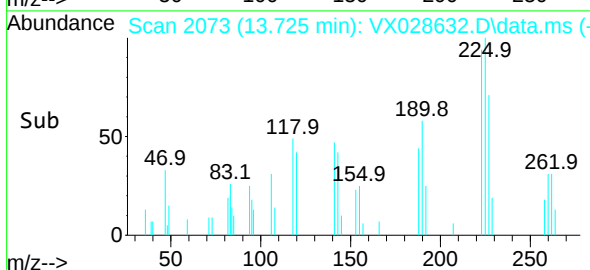
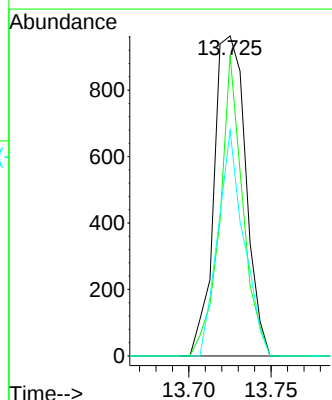
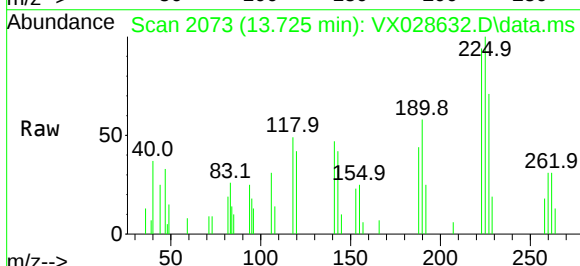
Tgt Ion:225 Resp: 1295

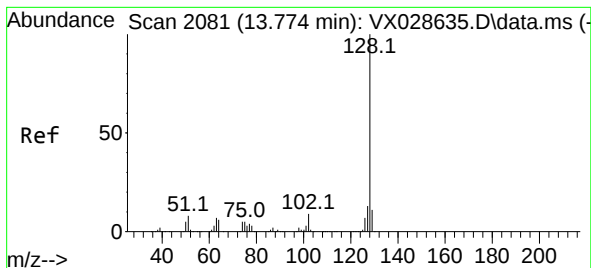
Ion Ratio Lower Upper

225 100

223 67.3 34.2 102.5

227 57.1 33.9 101.7





#95

Naphthalene

Concen: 0.828 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

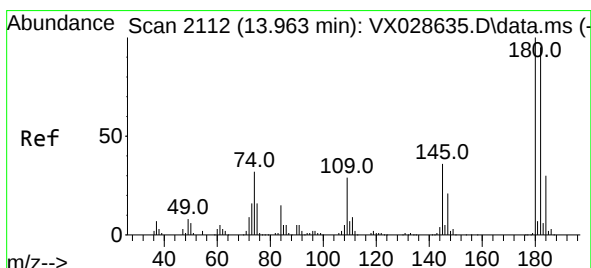
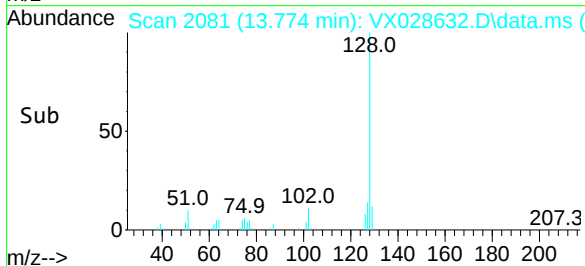
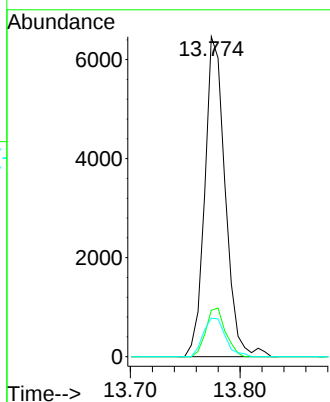
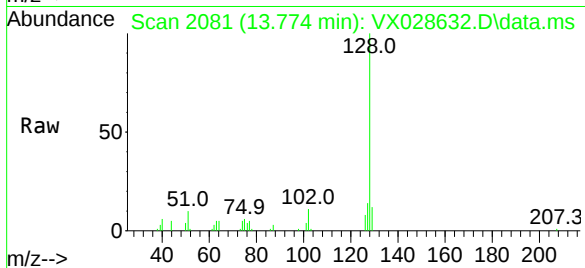
Tgt Ion:128 Resp: 8351

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

129 13.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.960 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX028632.D

Acq: 12 May 2022 10:31

Tgt Ion:180 Resp: 2822

Ion Ratio Lower Upper

180 100

182 96.3 50.0 149.8

145 30.5 16.2 48.5

