

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035600.D
 Acq On : 11 May 2023 10:38
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 11 13:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	240705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	426708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	5050	1.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.400%#
35) Dibromofluoromethane	5.379	113	3023	1.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.100%#
50) Toluene-d8	8.647	98	11222	1.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.120%#
62) 4-Bromofluorobenzene	11.079	95	4965	1.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.320%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2955	0.942	ug/l	98
3) Chloromethane	1.294	50	4589	1.205	ug/l	99
4) Vinyl Chloride	1.374	62	3272	1.013	ug/l	97
5) Bromomethane	1.617	94	1972	1.127	ug/l	92
6) Chloroethane	1.691	64	2259	1.153	ug/l	# 81
7) Trichlorofluoromethane	1.886	101	4598	0.968	ug/l	100
8) Diethyl Ether	2.130	74	1989	1.087	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	2834	1.005	ug/l	98
10) Methyl Iodide	2.459	142	1970	0.781	ug/l	94
11) Tert butyl alcohol	2.995	59	1401	1.896	ug/l	99
12) 1,1-Dichloroethene	2.325	96	2596	0.968	ug/l	# 76
13) Acrolein	2.239	56	4630	5.322	ug/l	90
14) Allyl chloride	2.666	41	6168	1.074	ug/l	# 93
15) Acrylonitrile	3.074	53	8395	5.146	ug/l	99
16) Acetone	2.392	43	10831	6.001	ug/l	# 87
17) Carbon Disulfide	2.514	76	6119	0.946	ug/l	99
18) Methyl Acetate	2.709	43	6945	1.043	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	11223	1.052	ug/l	# 87
20) Methylene Chloride	2.788	84	3751	1.147	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	2856	0.972	ug/l	91
22) Diisopropyl ether	3.751	45	12226	1.087	ug/l	# 88
23) Vinyl Acetate	3.721	43	40367	5.074	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	6036	1.004	ug/l	# 91
25) 2-Butanone	4.574	43	13699	5.483	ug/l	97
26) 2,2-Dichloropropane	4.471	77	5336	1.048	ug/l	92
27) cis-1,2-Dichloroethene	4.477	96	3689	1.045	ug/l	94
28) Bromochloromethane	4.891	49	2875	1.063	ug/l	# 97
29) Tetrahydrofuran	5.013	42	8444	5.377	ug/l	97
30) Chloroform	5.092	83	6380	1.035	ug/l	89
31) Cyclohexane	5.464	56	5756	1.085	ug/l	# 84
32) 1,1,1-Trichloroethane	5.379	97	5272	0.983	ug/l	# 52
36) 1,1-Dichloropropene	5.696	75	4508	0.992	ug/l	93
37) Ethyl Acetate	4.721	43	4991	1.053	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	4156	0.966	ug/l	92
39) Methylcyclohexane	7.379	83	5296	0.990	ug/l	93
40) Benzene	6.031	78	13229	1.041	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	3169	1.127	ug/l	94
42) 1,2-Dichloroethane	6.080	62	5889	1.077	ug/l	94
43) Isopropyl Acetate	6.336	43	8728	1.056	ug/l	99
44) Trichloroethene	7.129	130	3595	1.116	ug/l	64
45) 1,2-Dichloropropane	7.427	63	3487	1.036	ug/l	92
46) Dibromomethane	7.580	93	2266	0.984	ug/l	90
47) Bromodichloromethane	7.824	83	4320	0.970	ug/l #	91
48) Methyl methacrylate	7.696	41	4089	1.003	ug/l	100
49) 1,4-Dioxane	7.720	88	2549	30.045	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	24568	5.162	ug/l	98
52) Toluene	8.720	92	8584	1.070	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	4150	0.858	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	4571	0.882	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	3141	0.997	ug/l #	93
56) Ethyl methacrylate	9.116	69	5241	1.027	ug/l	94
57) 1,3-Dichloropropane	9.305	76	5950	1.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	13168	5.073	ug/l	99
59) 2-Hexanone	9.427	43	18356	5.121	ug/l	99
60) Dibromochloromethane	9.512	129	2642	0.880	ug/l	93
61) 1,2-Dibromoethane	9.610	107	3383	1.019	ug/l	98
64) Tetrachloroethene	9.268	164	2772	1.107	ug/l	86
65) Chlorobenzene	10.079	112	8530	1.050	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	2741	0.954	ug/l #	62
67) Ethyl Benzene	10.195	91	15992	1.047	ug/l	90
68) m/p-Xylenes	10.299	106	11532	2.043	ug/l	96
69) o-Xylene	10.640	106	5842	1.043	ug/l	98
70) Styrene	10.652	104	8526	0.944	ug/l	96
71) Bromoform	10.799	173	1724	0.912	ug/l #	96
73) Isopropylbenzene	10.957	105	14177	1.004	ug/l	100
74) N-amyl acetate	10.841	43	6947	1.055	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	4923	1.074	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5334	1.328	ug/l	87
77) Bromobenzene	11.201	156	3458	1.079	ug/l	92
78) n-propylbenzene	11.305	91	16302	0.982	ug/l	99
79) 2-Chlorotoluene	11.366	91	11057	1.064	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	12148	1.012	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	1209	0.950	ug/l #	85
82) 4-Chlorotoluene	11.451	91	12270	1.025	ug/l	98
83) tert-Butylbenzene	11.713	119	12068	1.034	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	12185	1.011	ug/l	97
85) sec-Butylbenzene	11.890	105	14223	0.971	ug/l	98
86) p-Isopropyltoluene	12.012	119	11349	0.942	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	6403	1.051	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	6403	1.041	ug/l	95
89) n-Butylbenzene	12.329	91	10337	0.943	ug/l	94
90) Hexachloroethane	12.536	117	1621	0.888	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	6463	1.084	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1047	1.026	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	3596	1.001	ug/l	92
94) Hexachlorobutadiene	13.725	225	1496	1.049	ug/l	95
95) Naphthalene	13.774	128	12131	0.986	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3660	1.036	ug/l	92

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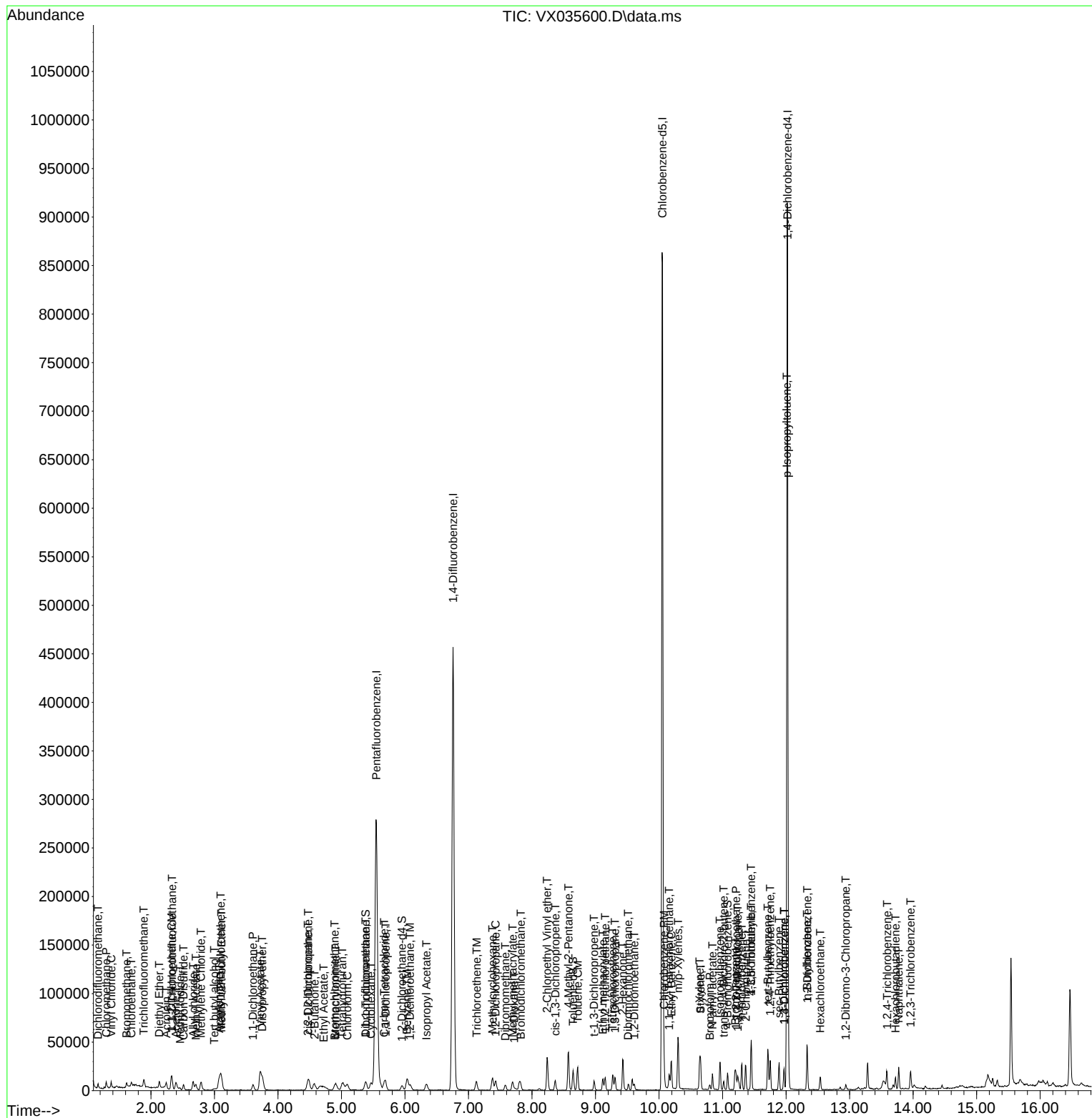
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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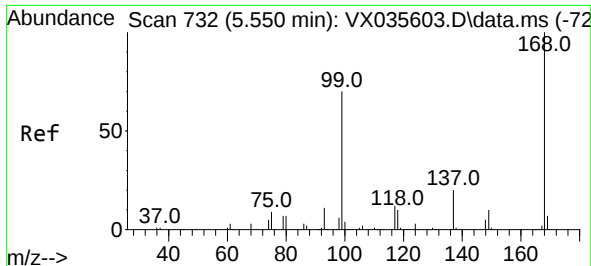
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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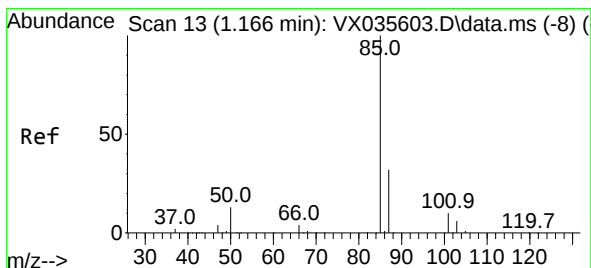
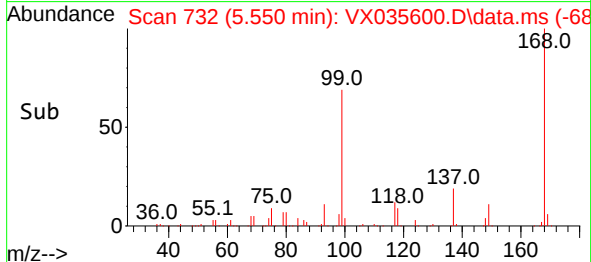
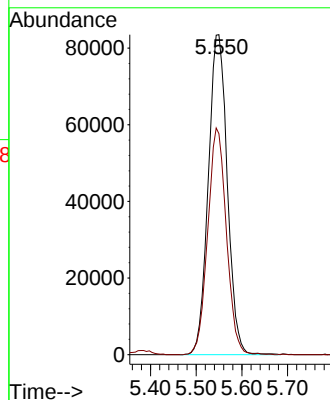
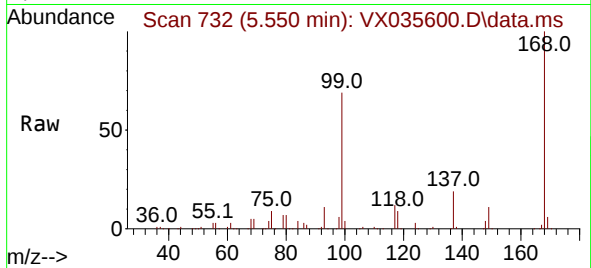




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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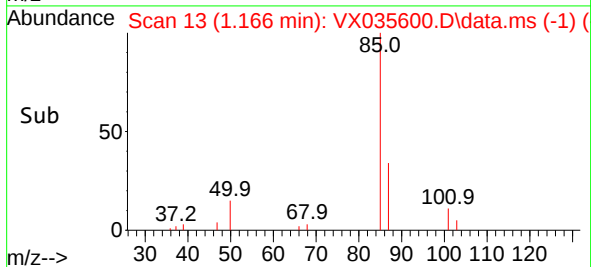
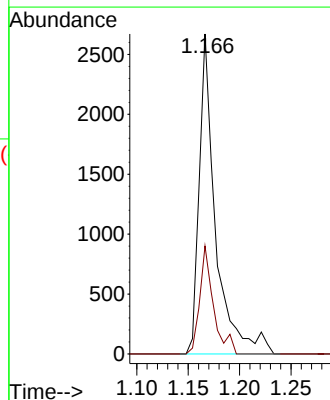
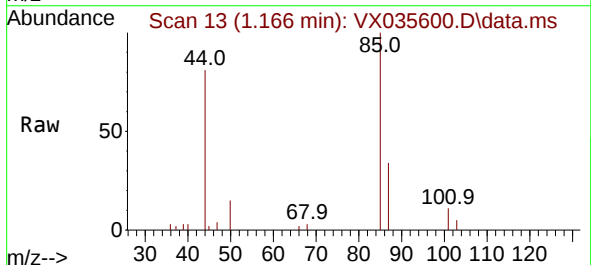
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

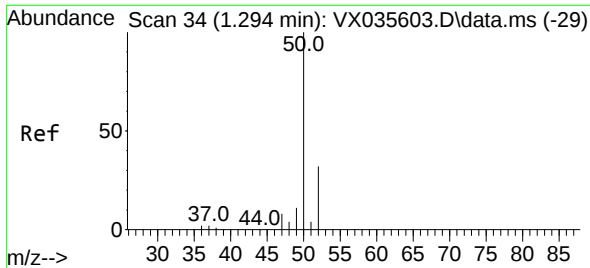
Tgt Ion:168 Resp: 240705
Ion Ratio Lower Upper
168 100
99 69.0 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 0.942 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 85 Resp: 2955
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.1

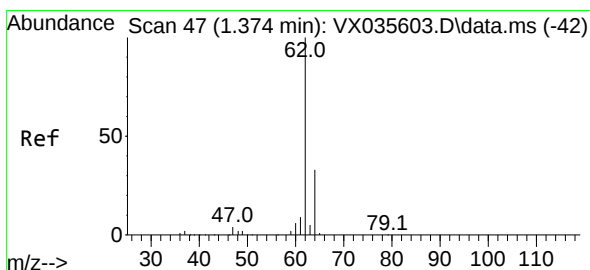
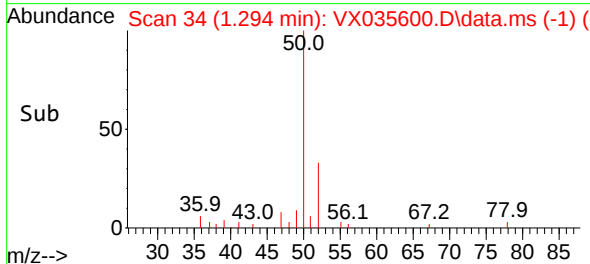
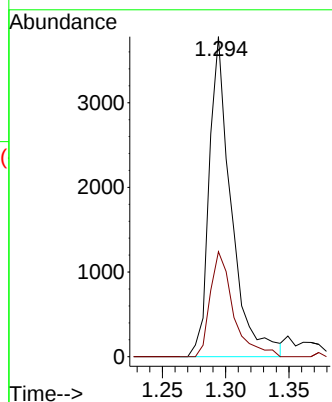
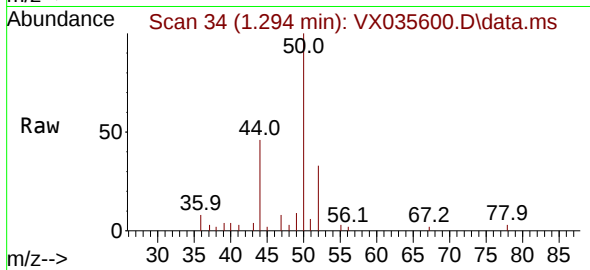




#3
Chloromethane
Concen: 1.205 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

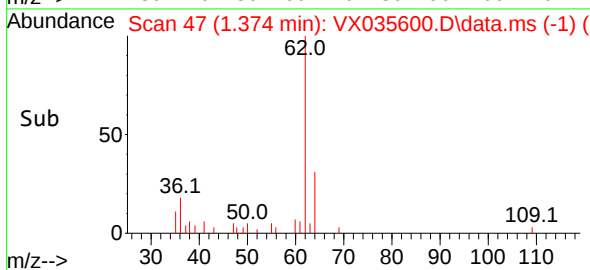
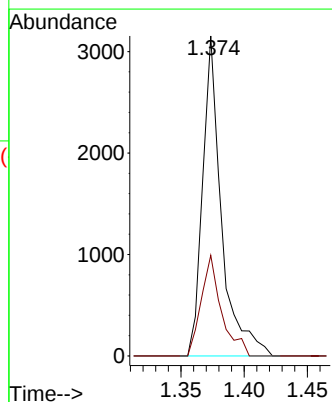
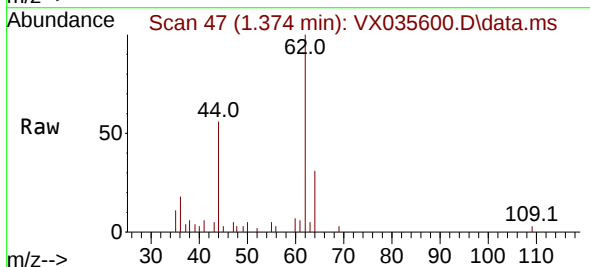
Instrument :
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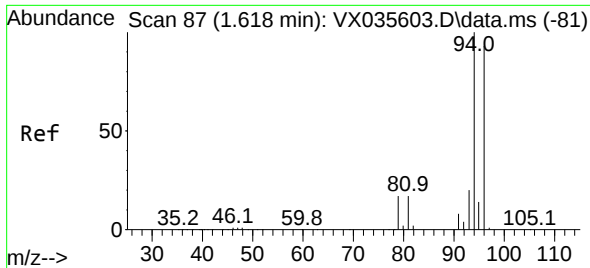
Tgt Ion: 50 Resp: 4589
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9



#4
Vinyl Chloride
Concen: 1.013 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 62 Resp: 3272
Ion Ratio Lower Upper
62 100
64 31.5 26.4 39.6

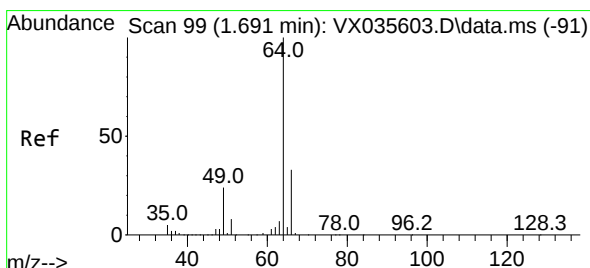
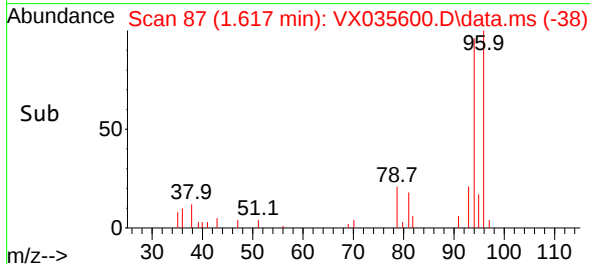
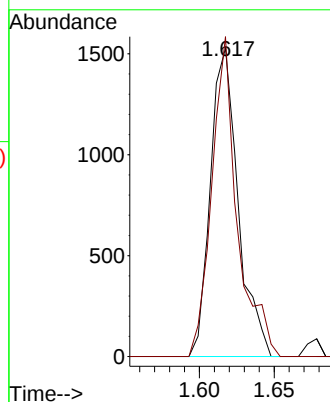
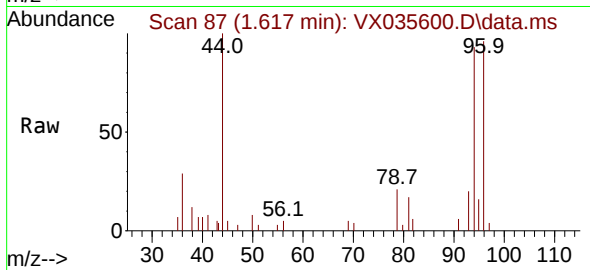




#5
 Bromomethane
 Concen: 1.127 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: VX035600.D
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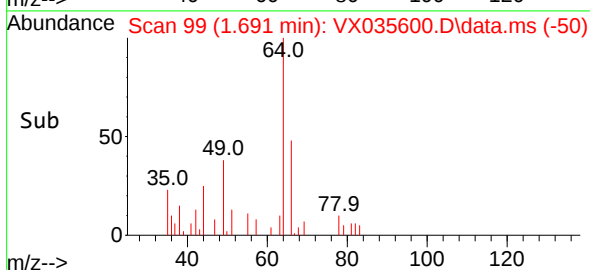
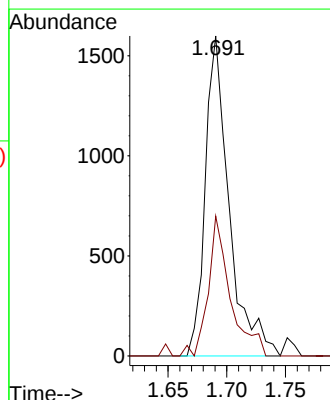
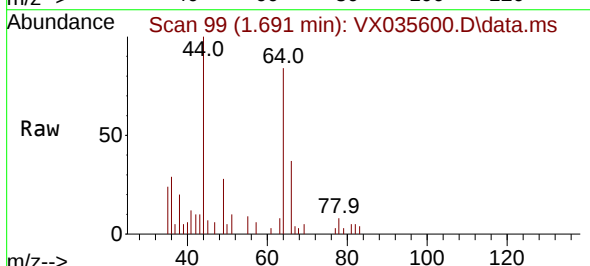
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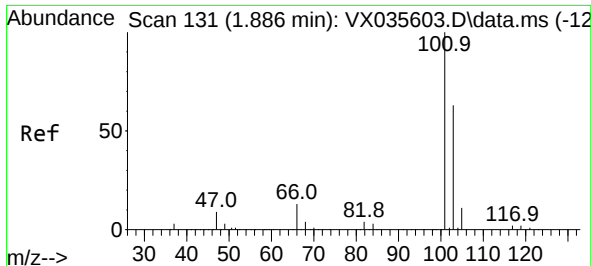
Tgt Ion: 94 Resp: 1972
 Ion Ratio Lower Upper
 94 100
 96 103.7 77.0 115.6



#6
 Chloroethane
 Concen: 1.153 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035600.D
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Tgt Ion: 64 Resp: 2259
 Ion Ratio Lower Upper
 64 100
 66 43.7 26.2 39.4#

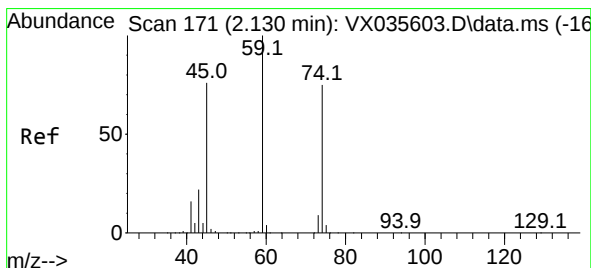
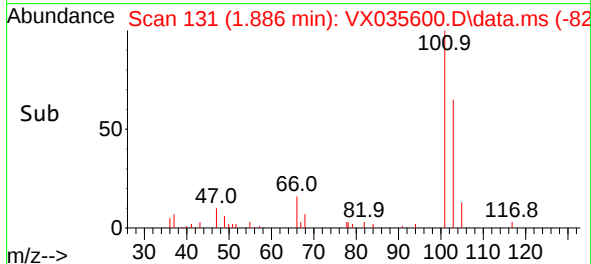
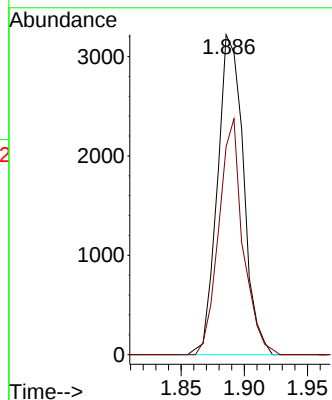
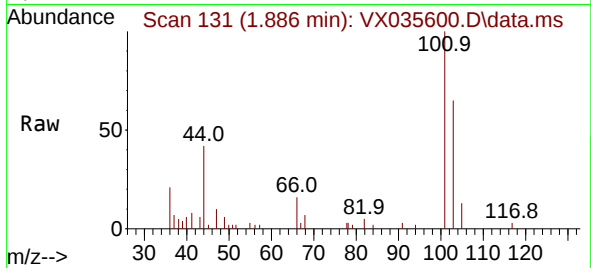




#7
Trichlorofluoromethane
Concen: 0.968 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035600.D
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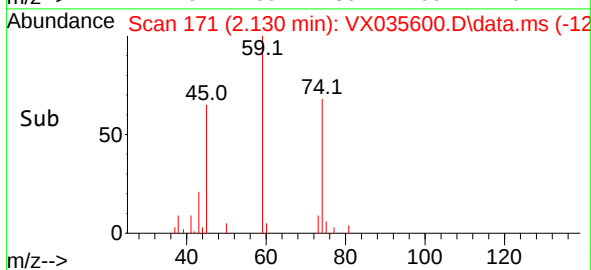
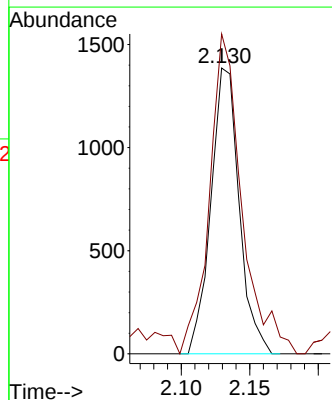
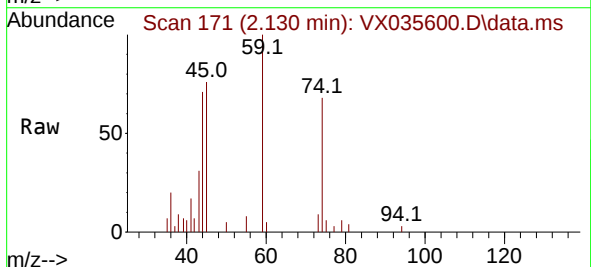
Instrument :
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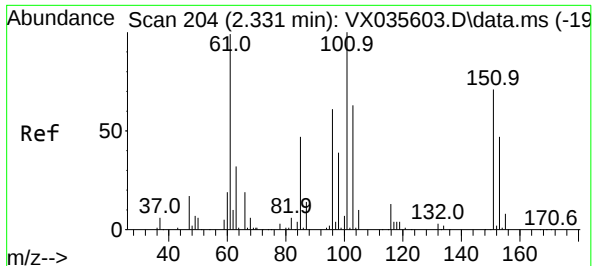
Tgt Ion:101 Resp: 4598
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0



#8
Diethyl Ether
Concen: 1.087 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 1989
Ion Ratio Lower Upper
74 100
45 127.8 49.8 149.3

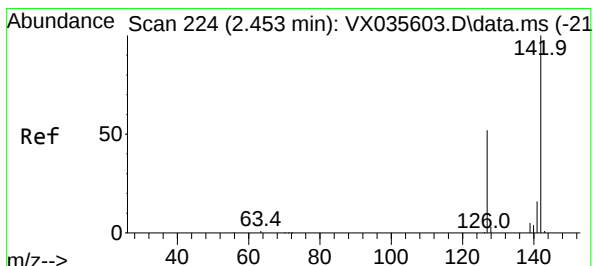
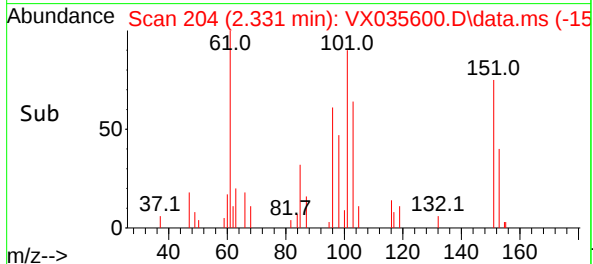
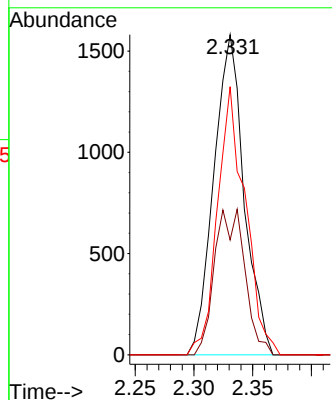
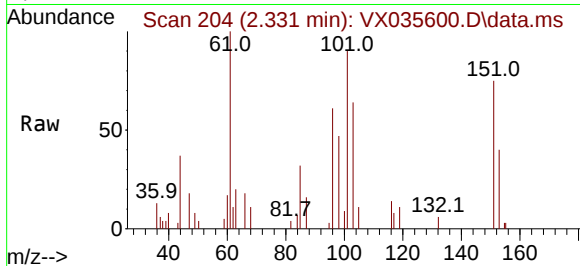




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.005 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

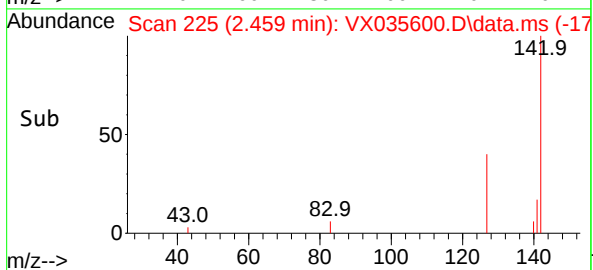
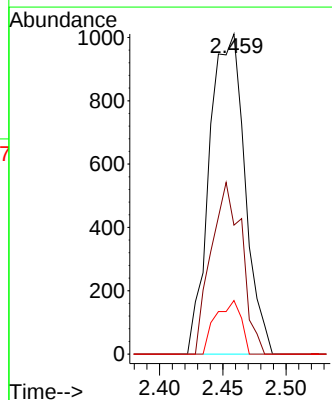
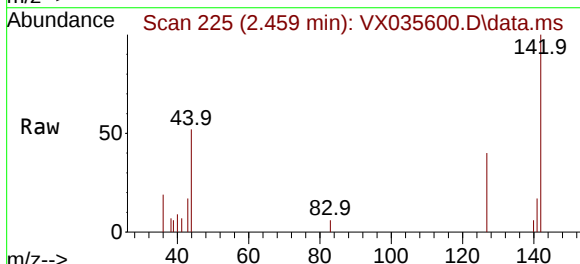
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

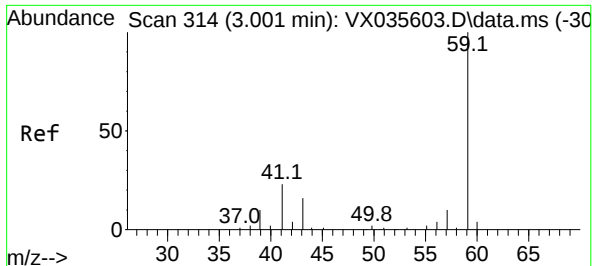
Tgt Ion:101 Resp: 2834
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 76.9 60.2 90.4



#10
Methyl Iodide
Concen: 0.781 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:142 Resp: 1970
Ion Ratio Lower Upper
142 100
127 46.5 34.0 51.0
141 12.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 1.896 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

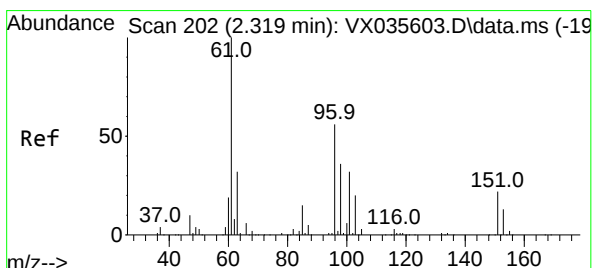
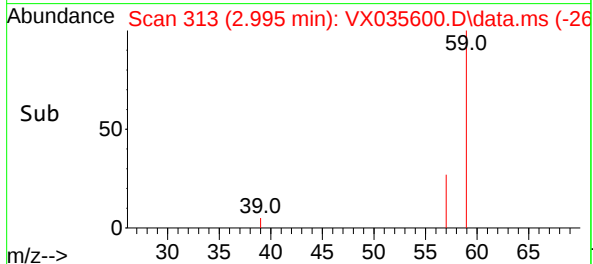
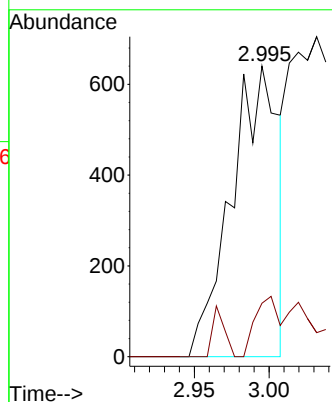
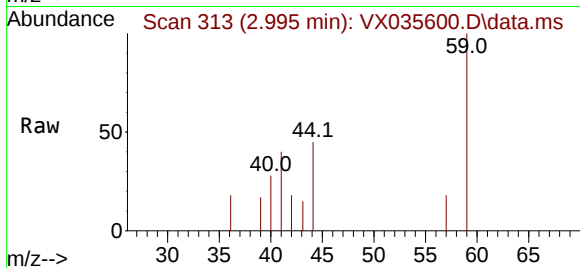
VSTDIC001

Tgt Ion: 59 Resp: 1401

Ion Ratio Lower Upper

59 100

57 10.3 8.1 12.1



#12

1,1-Dichloroethene

Concen: 0.968 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

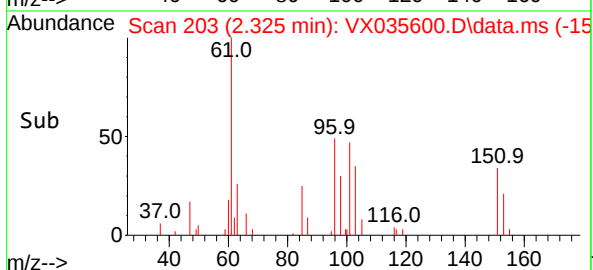
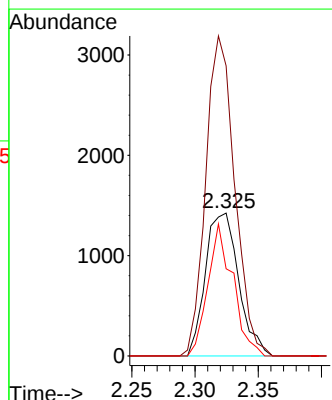
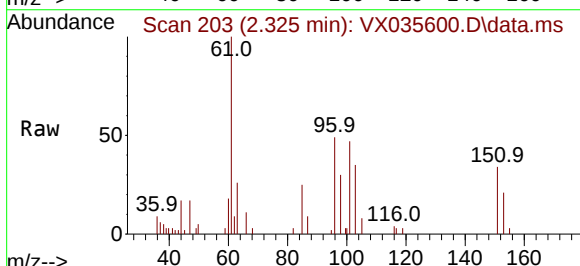
Tgt Ion: 96 Resp: 2596

Ion Ratio Lower Upper

96 100

61 202.9 128.8 193.2#

98 61.0 51.4 77.0

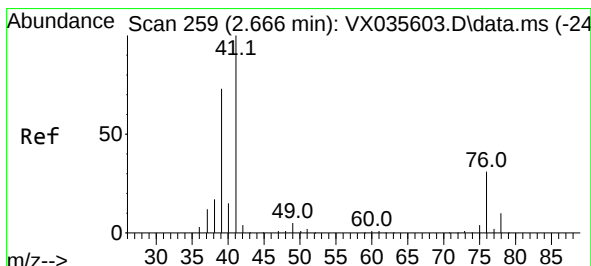
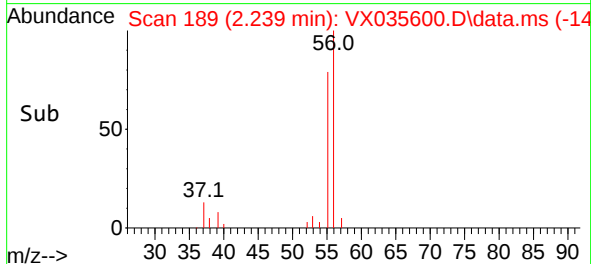
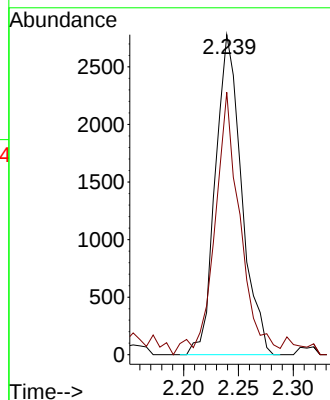
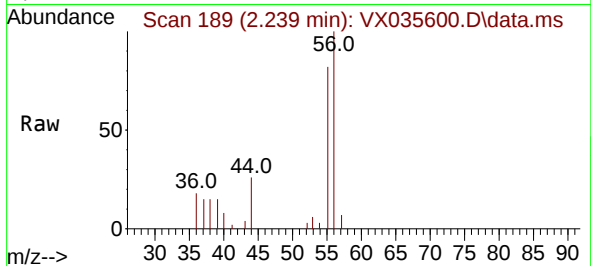




#13
Acrolein
Concen: 5.322 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

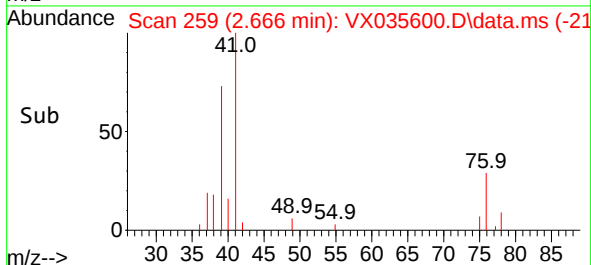
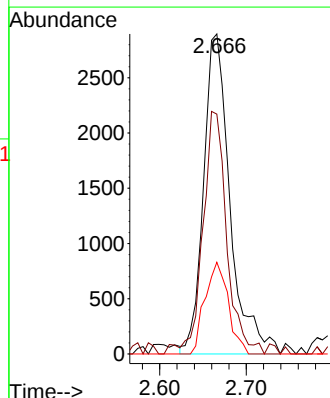
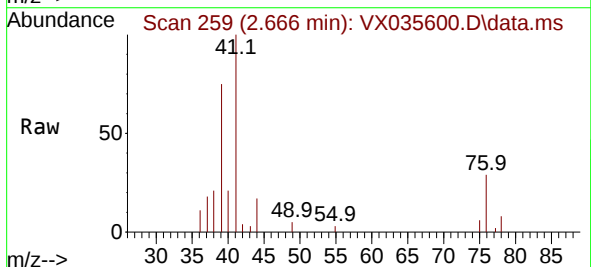
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

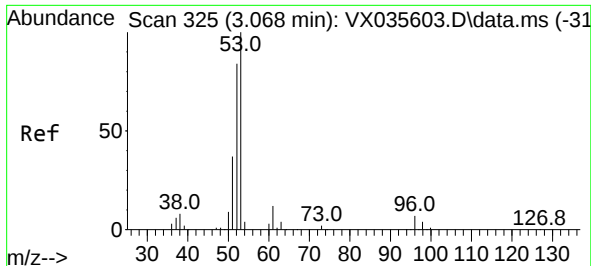
Tgt Ion: 56 Resp: 4630
Ion Ratio Lower Upper
56 100
55 79.0 56.6 85.0



#14
Allyl chloride
Concen: 1.074 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 41 Resp: 6168
Ion Ratio Lower Upper
41 100
39 68.4 52.4 78.6
76 25.2 26.0 39.0#

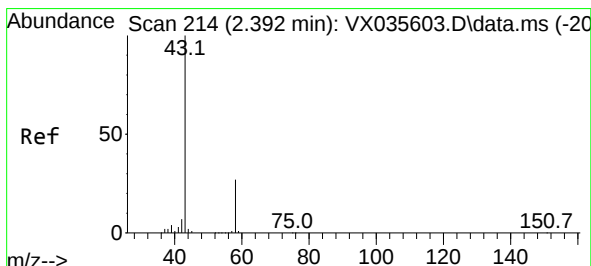
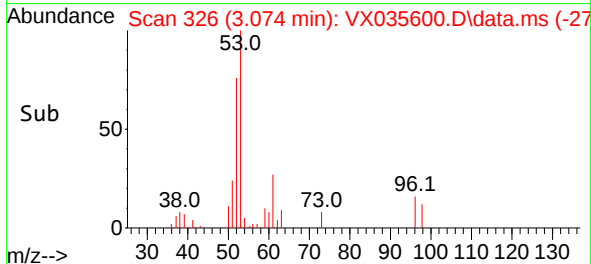
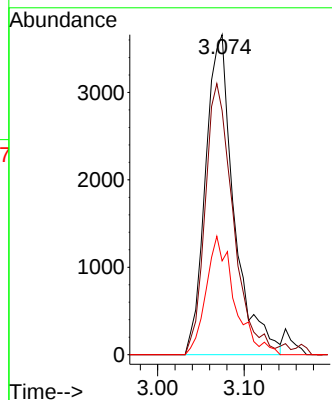
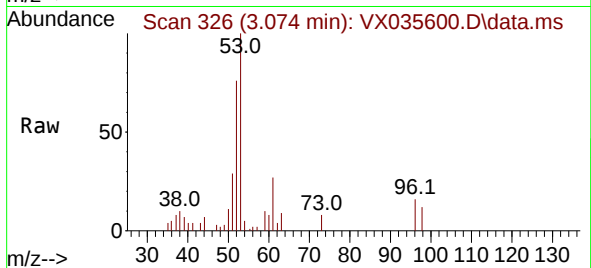




#15
Acrylonitrile
Concen: 5.146 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

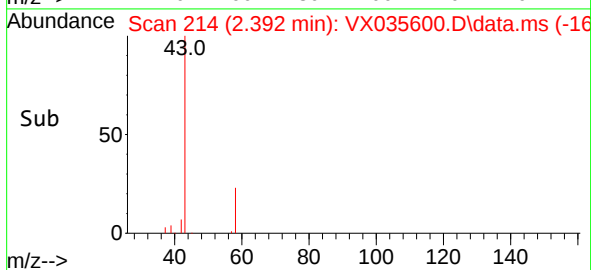
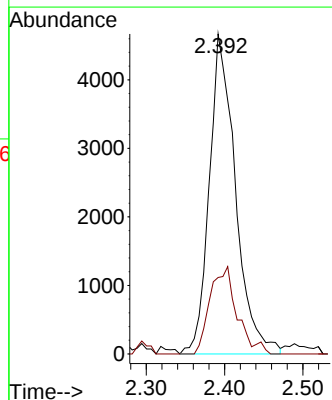
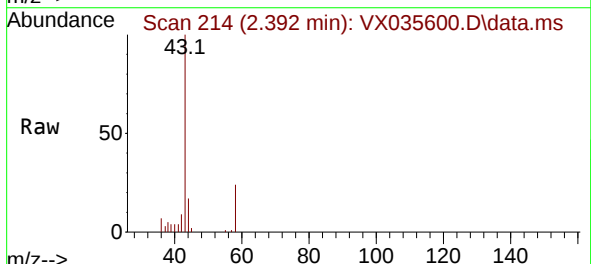
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

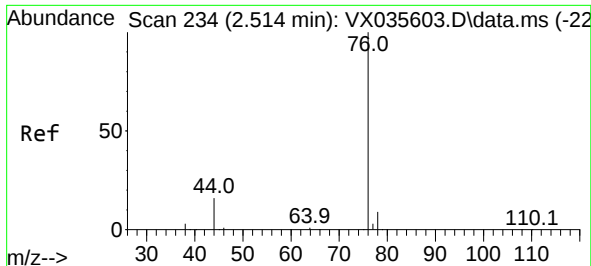
Tgt Ion: 53 Resp: 8395
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.0 28.3 42.5



#16
Acetone
Concen: 6.001 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 43 Resp: 10831
Ion Ratio Lower Upper
43 100
58 23.9 24.7 37.1#

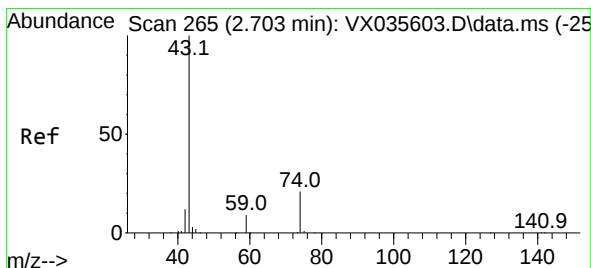
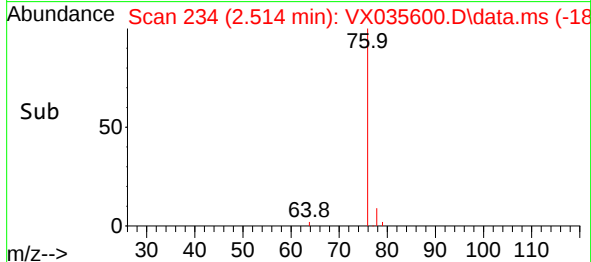
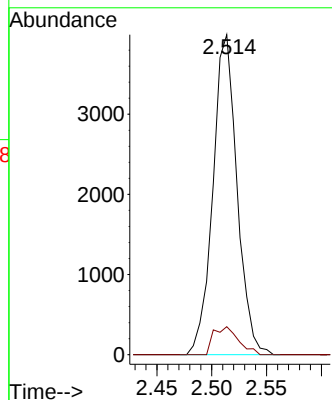
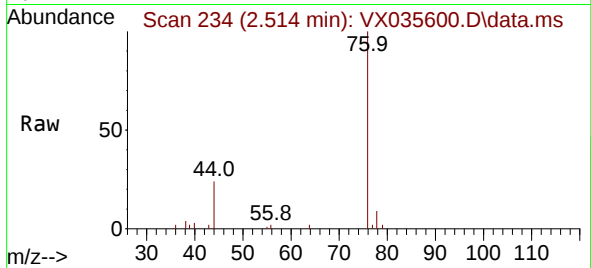




#17
Carbon Disulfide
Concen: 0.946 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

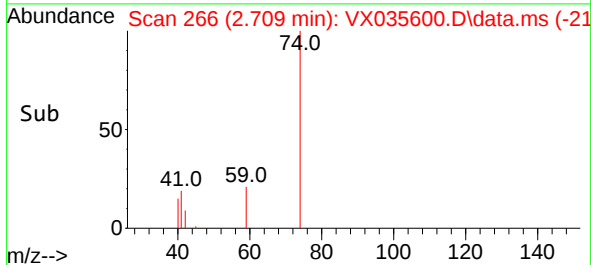
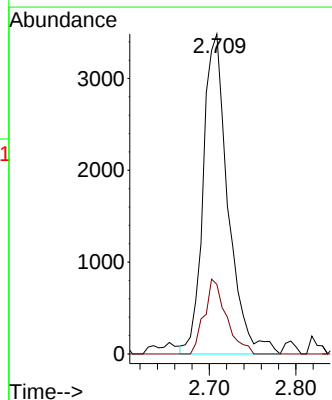
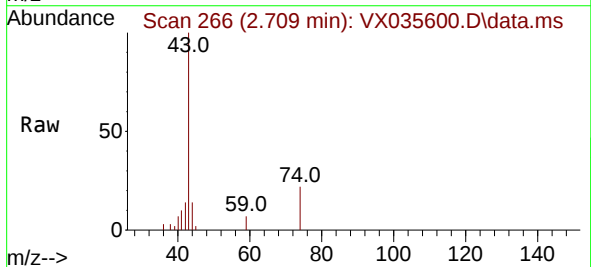
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 6119
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 43 Resp: 6945
Ion Ratio Lower Upper
43 100
74 20.7 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 1.052 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

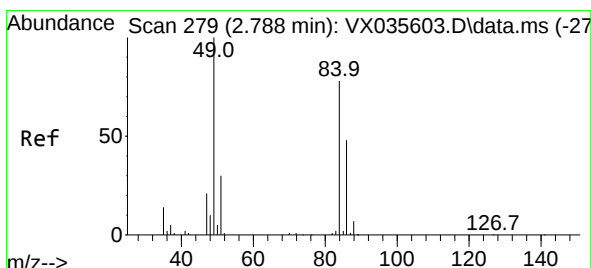
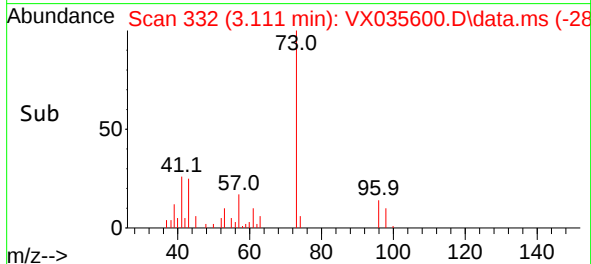
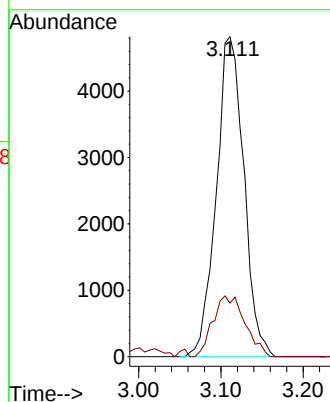
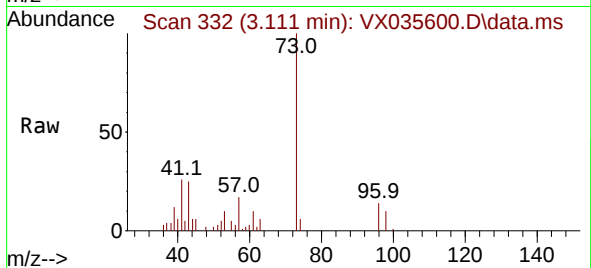
VSTDIC001

Tgt Ion: 73 Resp: 11223

Ion Ratio Lower Upper

73 100

57 16.7 18.5 27.7#



#20

Methylene Chloride

Concen: 1.147 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Tgt Ion: 84 Resp: 3751

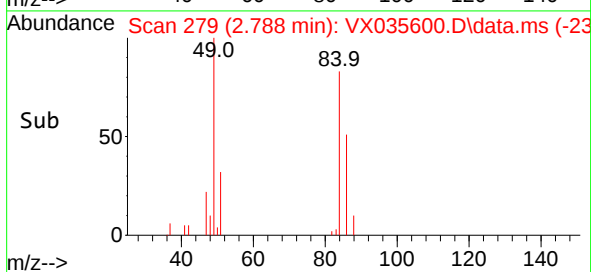
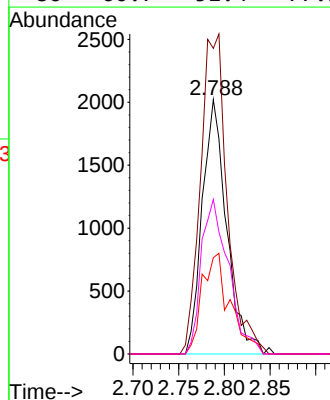
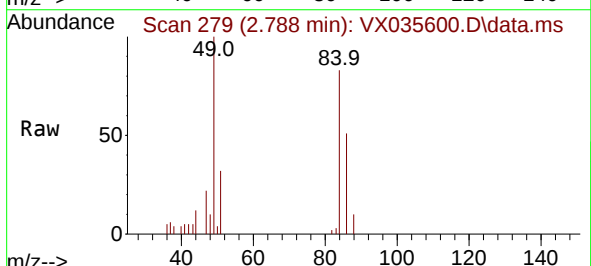
Ion Ratio Lower Upper

84 100

49 120.1 103.8 155.8

51 37.9 31.8 47.8

86 60.7 51.4 77.2

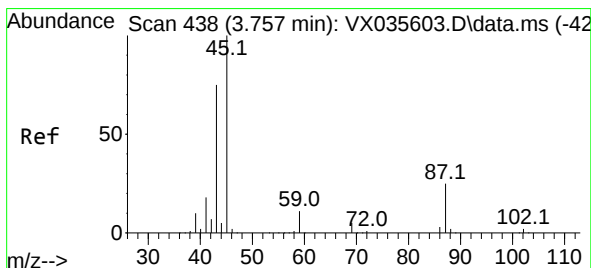
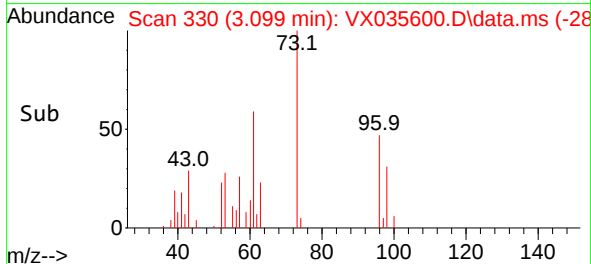
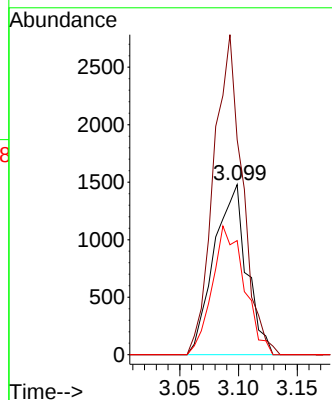
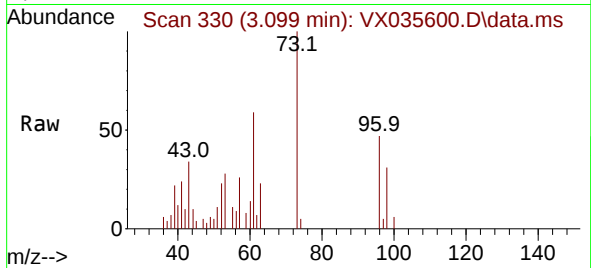




#21
trans-1,2-Dichloroethene
Concen: 0.972 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

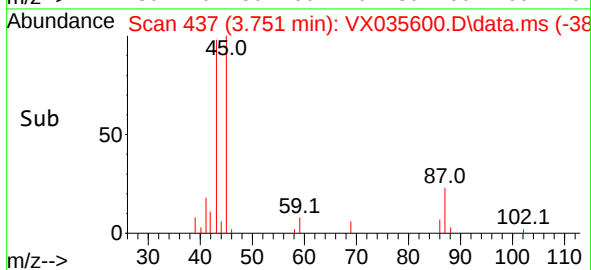
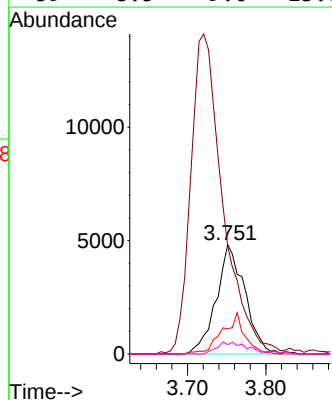
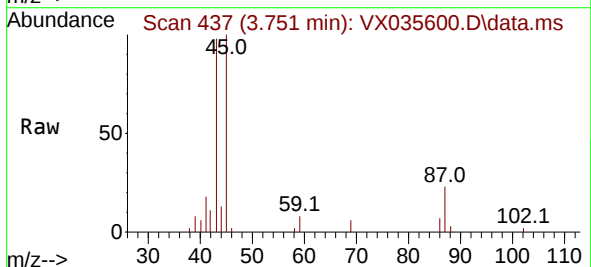
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

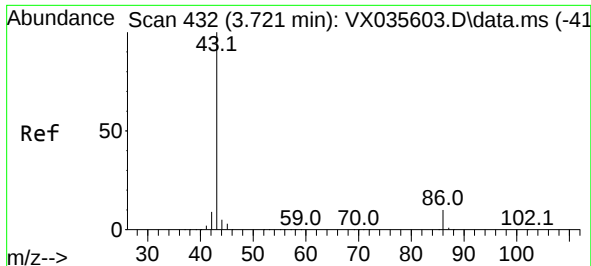
Tgt Ion: 96 Resp: 2856
Ion Ratio Lower Upper
96 100
61 126.4 113.0 169.6
98 67.1 52.1 78.1



#22
Diisopropyl ether
Concen: 1.087 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 45 Resp: 12226
Ion Ratio Lower Upper
45 100
43 95.0 65.4 98.2
87 22.9 20.6 31.0
59 8.5 9.0 13.6#

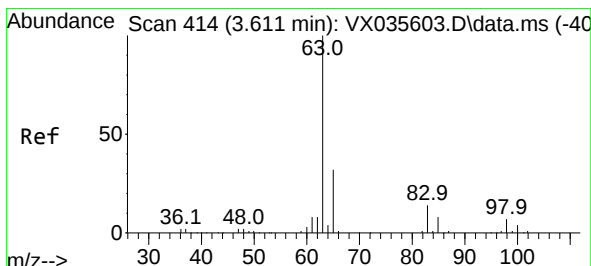
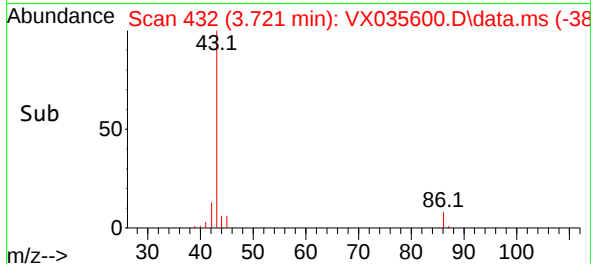
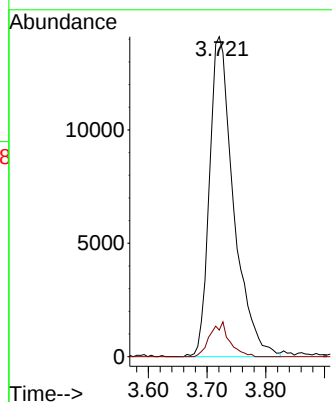
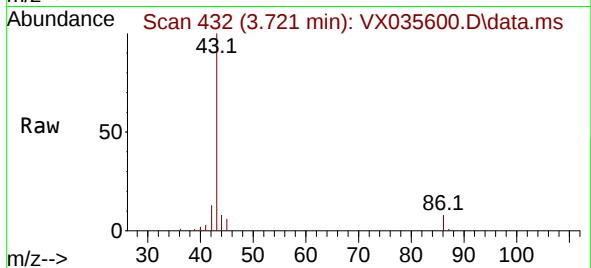




#23
 Vinyl Acetate
 Concen: 5.074 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

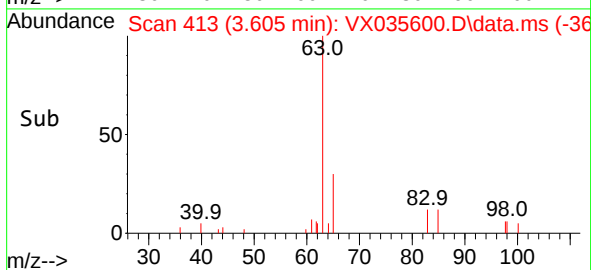
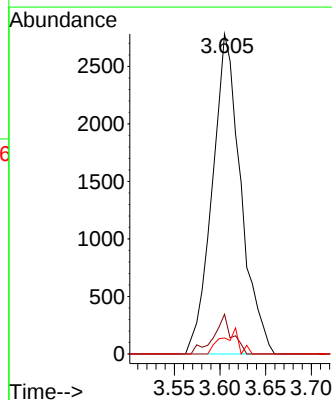
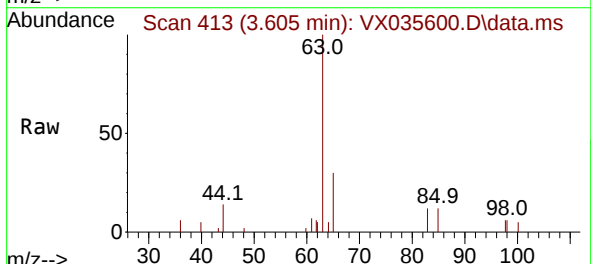
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

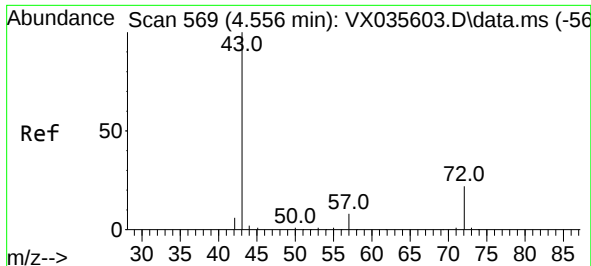
Tgt Ion: 43 Resp: 40367
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 1.004 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 63 Resp: 6036
 Ion Ratio Lower Upper
 63 100
 98 12.4 3.8 11.2#
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 5.483 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

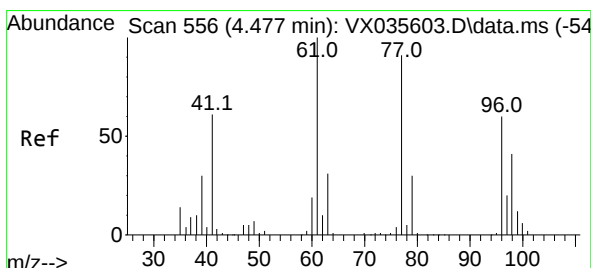
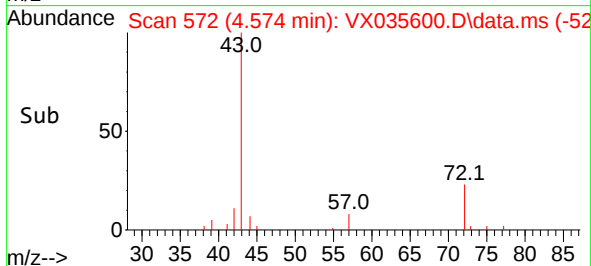
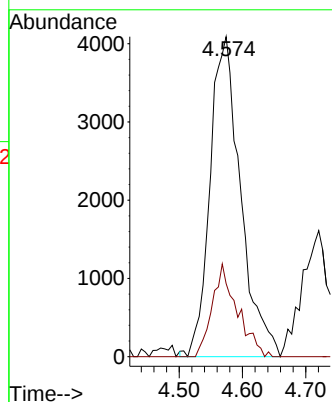
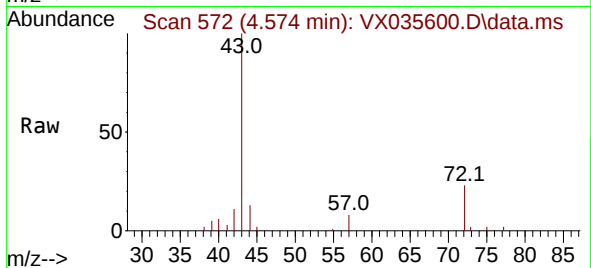
VSTDIC001

Tgt Ion: 43 Resp: 13699

Ion Ratio Lower Upper

43 100

72 22.9 19.3 28.9



#26

2,2-Dichloropropane

Concen: 1.048 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX035600.D

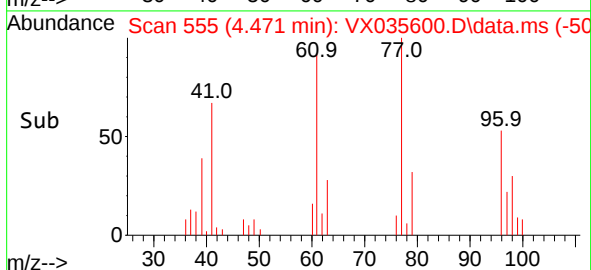
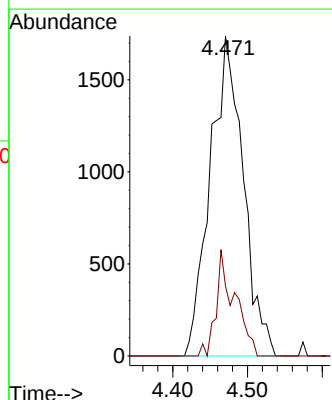
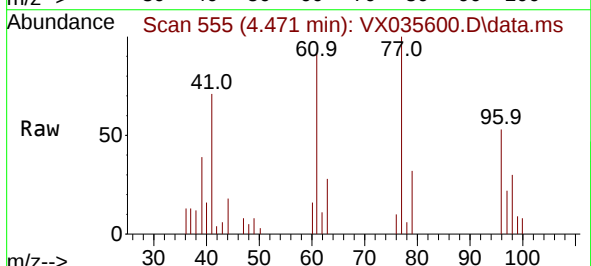
Acq: 11 May 2023 10:38

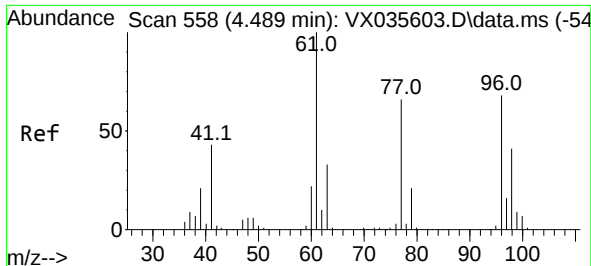
Tgt Ion: 77 Resp: 5336

Ion Ratio Lower Upper

77 100

97 18.7 11.4 34.1

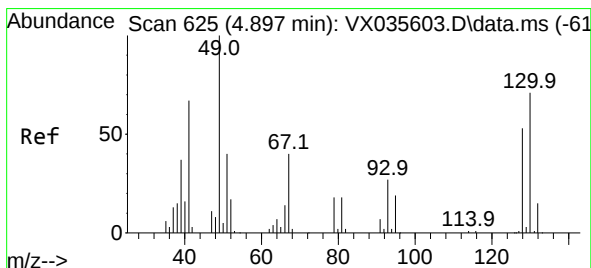
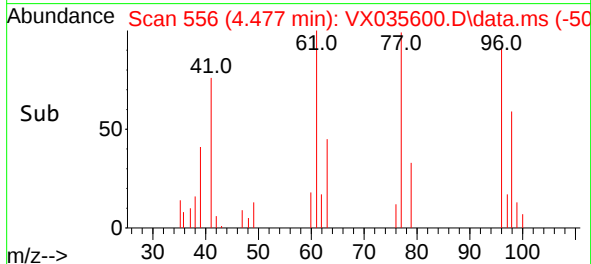
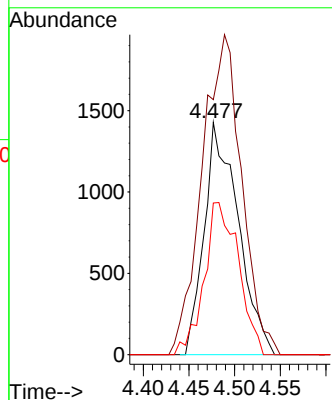
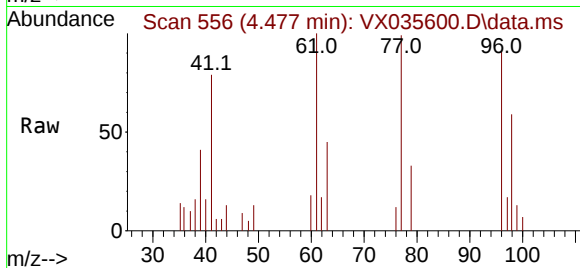




#27
 cis-1,2-Dichloroethene
 Concen: 1.045 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.012 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

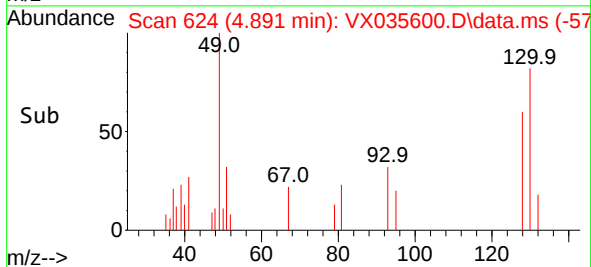
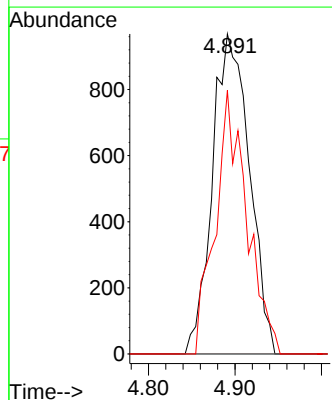
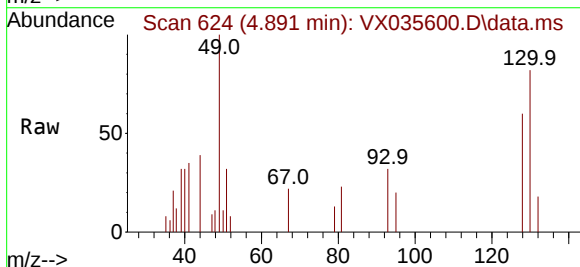
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

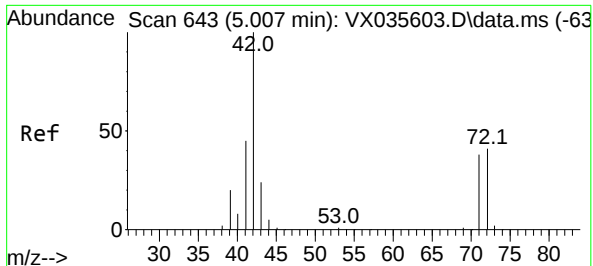
Tgt Ion: 96	Resp: 3689		
Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	300.4
98	66.0	0.0	129.0



#28
 Bromochloromethane
 Concen: 1.063 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 49	Resp: 2875
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 70.2	58.2 87.2





#29

Tetrahydrofuran

Concen: 5.377 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

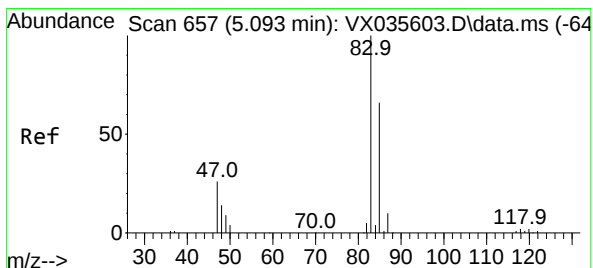
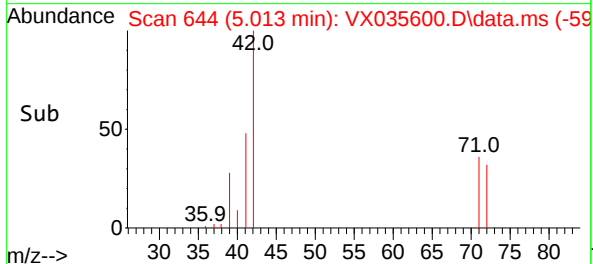
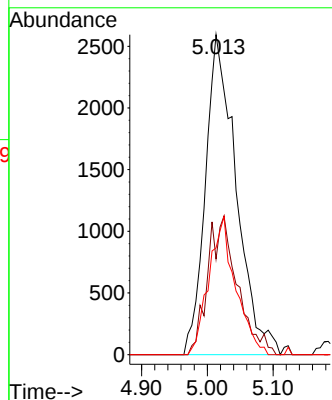
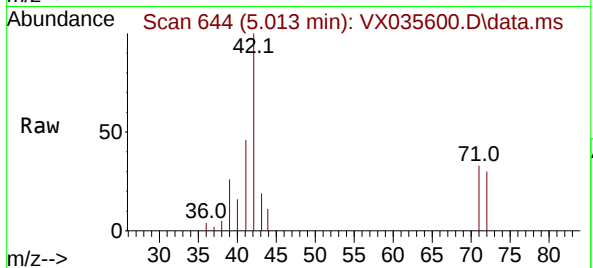
Tgt Ion: 42 Resp: 8444

Ion Ratio Lower Upper

42 100

72 41.8 34.5 51.7

71 37.5 32.1 48.1



#30

Chloroform

Concen: 1.035 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035600.D

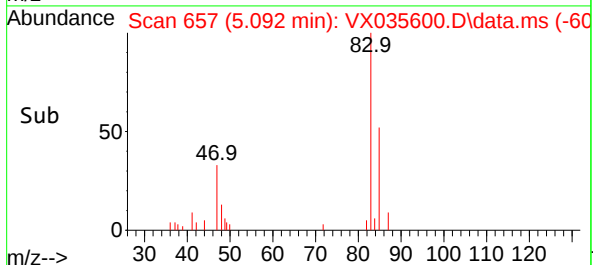
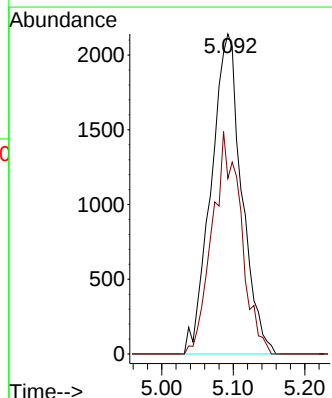
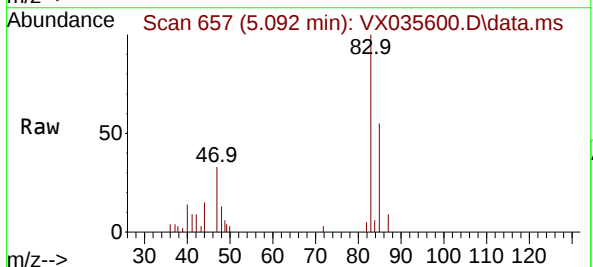
Acq: 11 May 2023 10:38

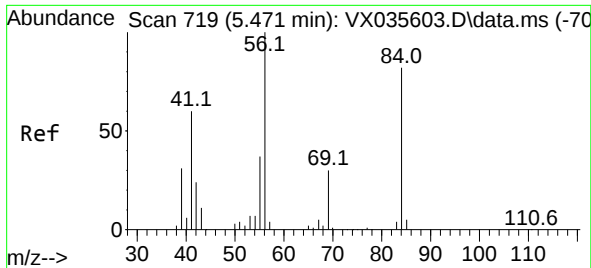
Tgt Ion: 83 Resp: 6380

Ion Ratio Lower Upper

83 100

85 54.9 50.6 76.0

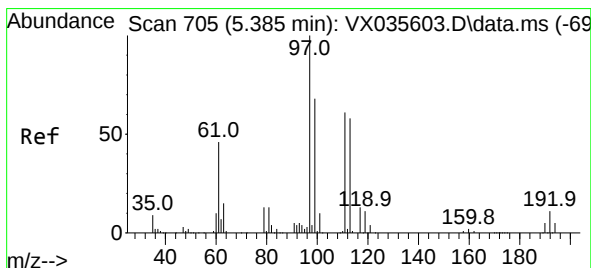
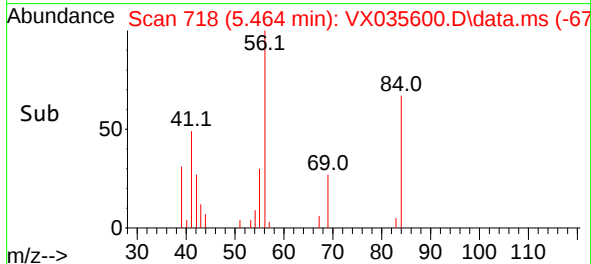
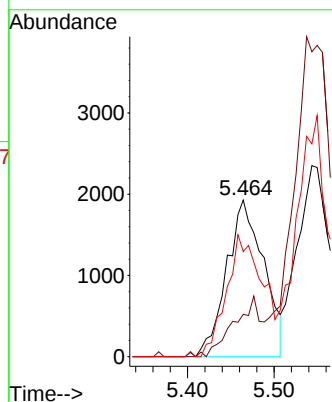
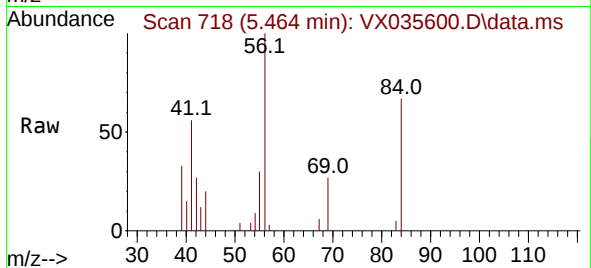




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

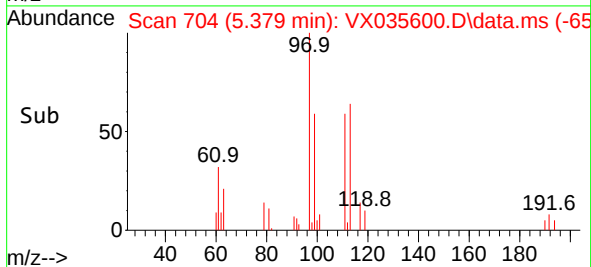
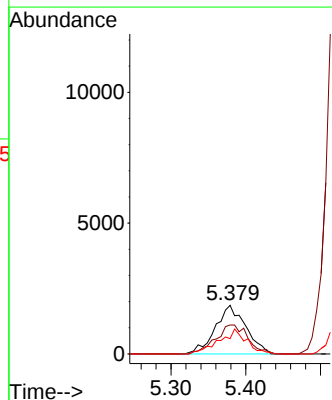
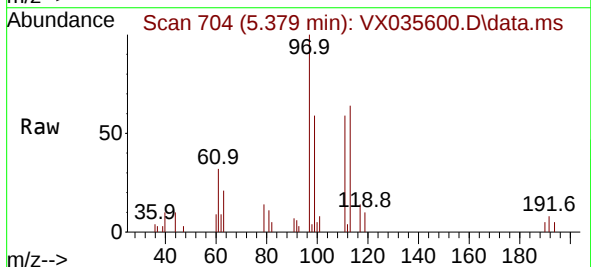
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 5756
Ion Ratio Lower Upper
56 100
69 27.1 23.7 35.5
84 67.1 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 0.983 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 97 Resp: 5272
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 45.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 1.203 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

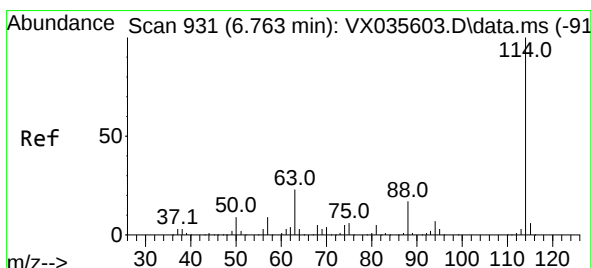
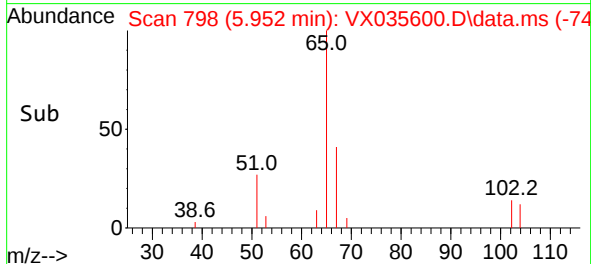
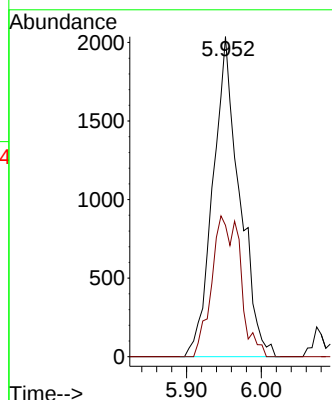
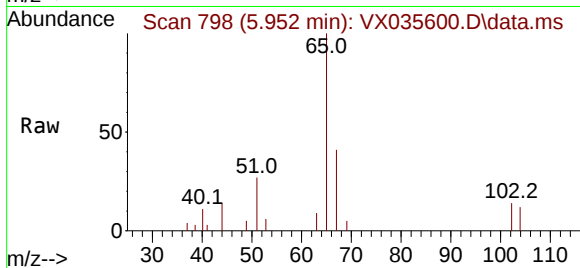
VSTDIC001

Tgt Ion: 65 Resp: 5050

Ion Ratio Lower Upper

65 100

67 47.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

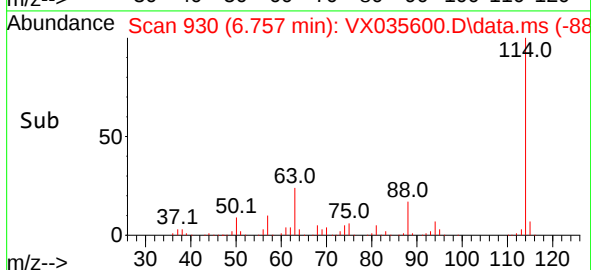
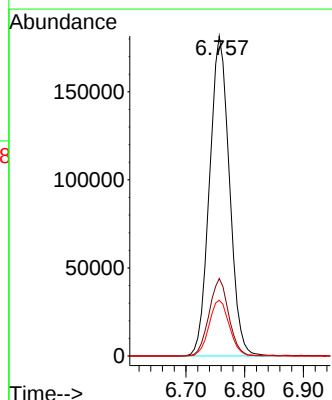
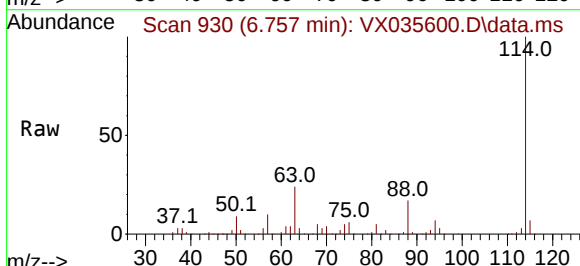
Tgt Ion: 114 Resp: 426708

Ion Ratio Lower Upper

114 100

63 24.2 0.0 42.2

88 17.4 0.0 33.2

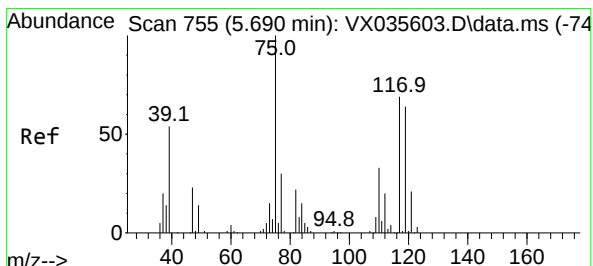
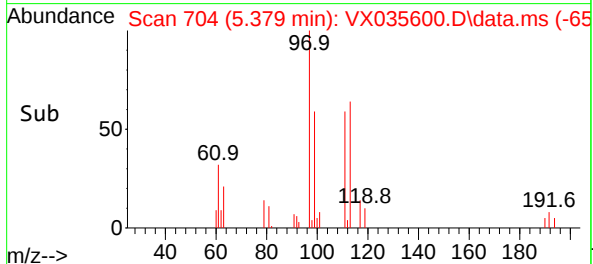
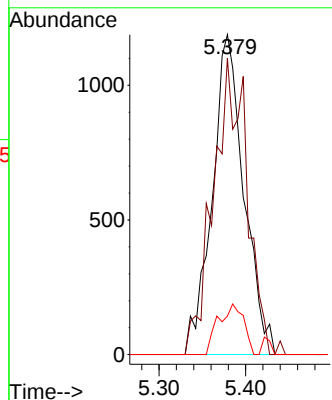
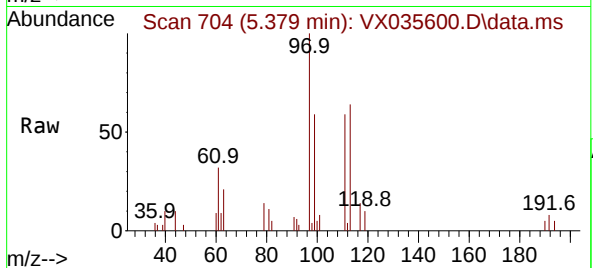




#35
 Dibromofluoromethane
 Concen: 1.050 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

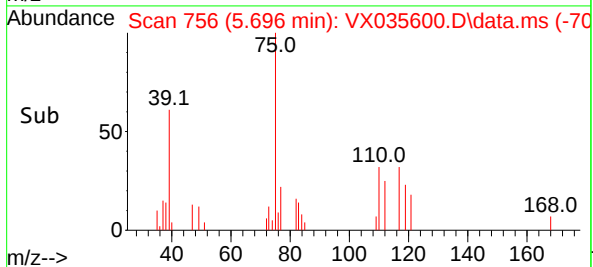
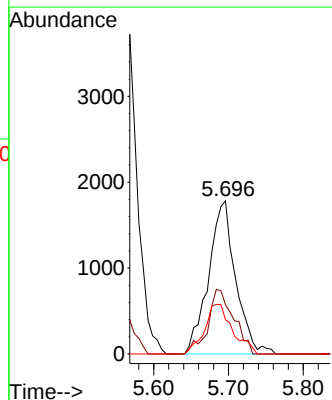
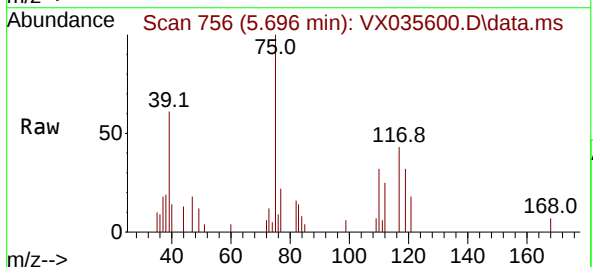
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

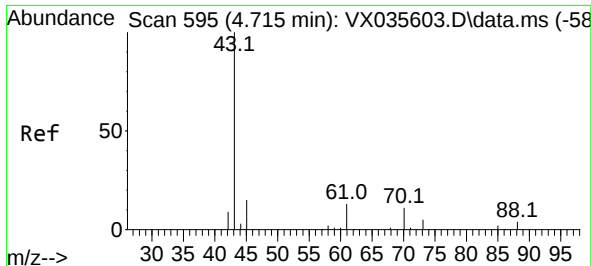
Tgt Ion:113 Resp: 3023
 Ion Ratio Lower Upper
 113 100
 111 97.1 83.7 125.5
 192 12.6 15.4 23.2#



#36
 1,1-Dichloropropene
 Concen: 0.992 ug/l
 RT: 5.696 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 75 Resp: 4508
 Ion Ratio Lower Upper
 75 100
 110 39.9 17.5 52.5
 77 33.3 24.3 36.5





#37

Ethyl Acetate

Concen: 1.053 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

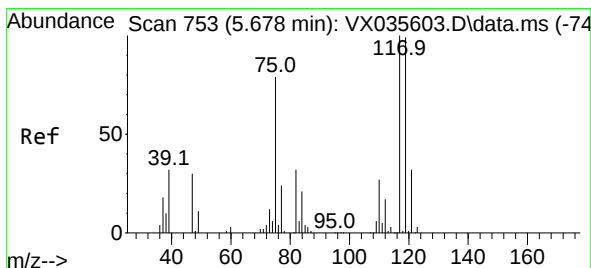
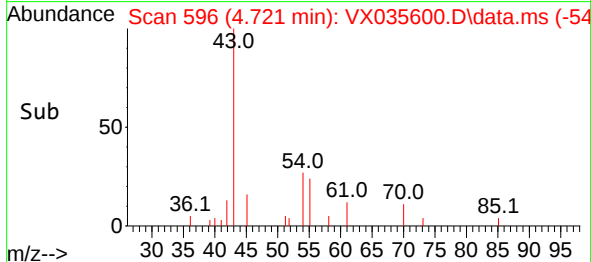
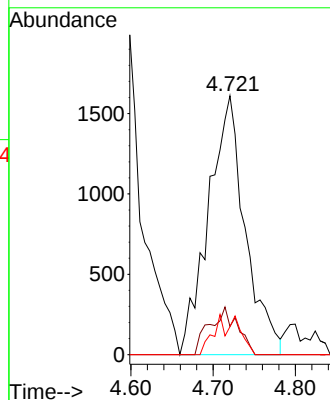
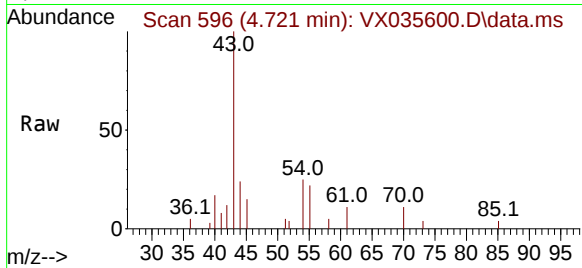
Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.4

70 5.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 0.966 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

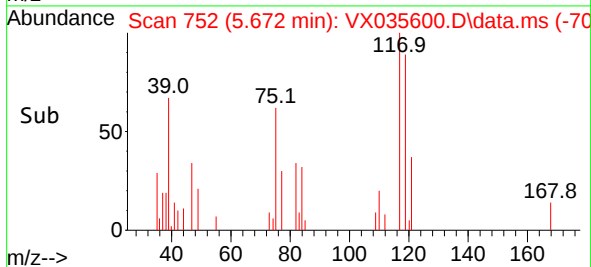
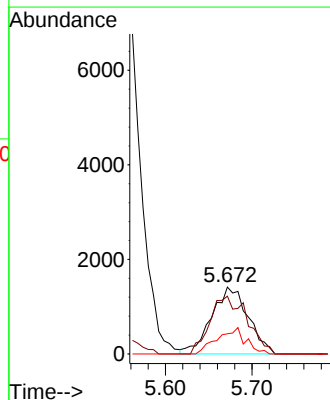
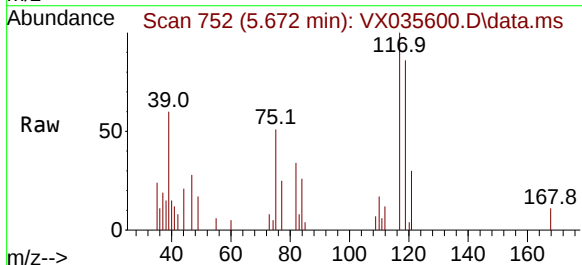
Tgt Ion: 117 Resp: 4156

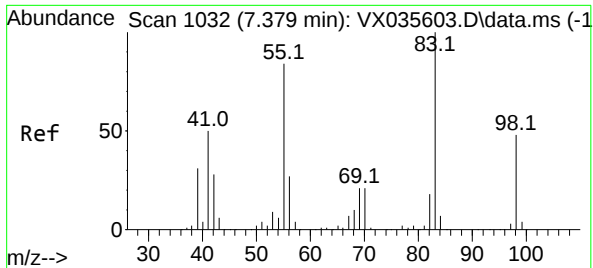
Ion Ratio Lower Upper

117 100

119 86.3 76.6 114.8

121 30.2 23.8 35.6

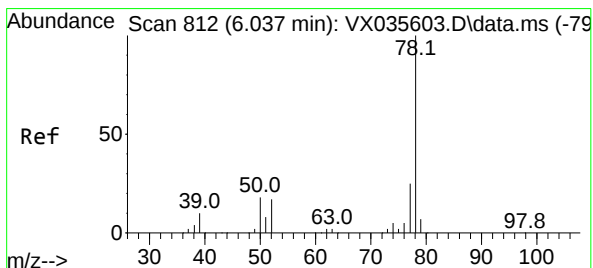
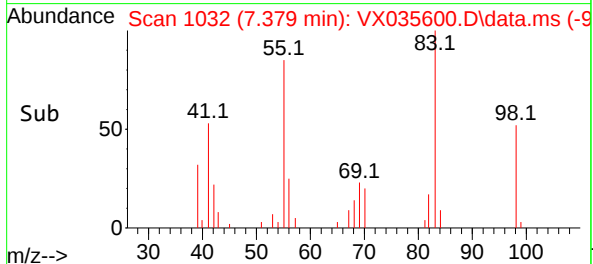
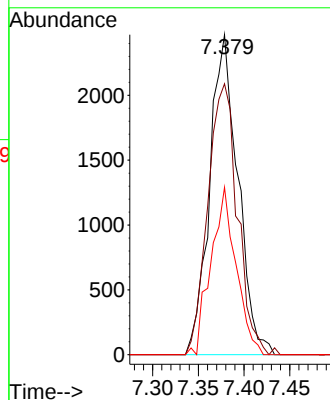
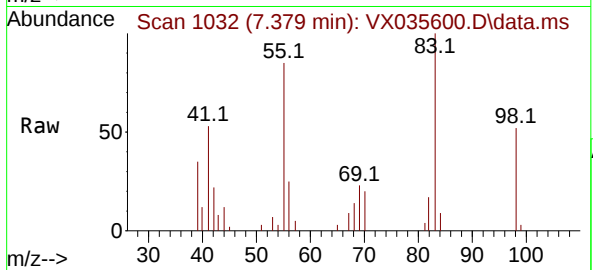




#39
Methylcyclohexane
Concen: 0.990 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

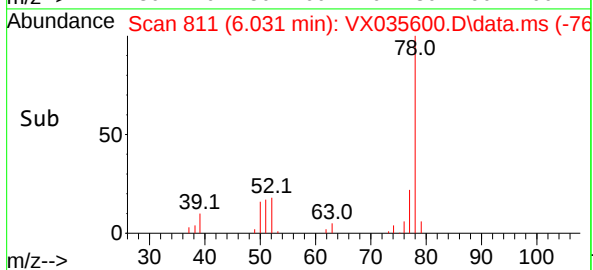
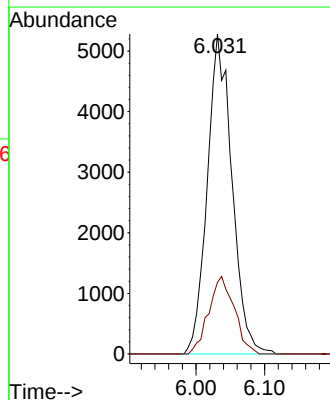
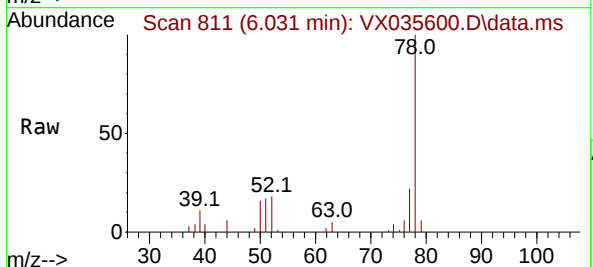
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

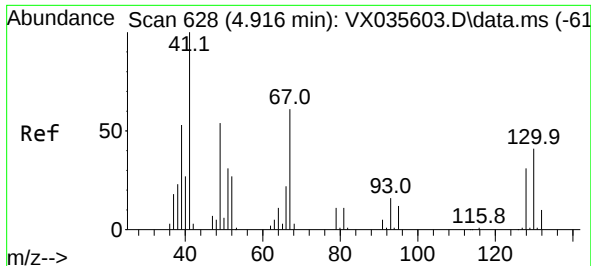
Tgt Ion:	83	Resp:	5296
Ion	Ratio	Lower	Upper
83	100		
55	84.6	60.5	90.7
98	52.3	40.4	60.6



#40
Benzene
Concen: 1.041 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:	78	Resp:	13229
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4

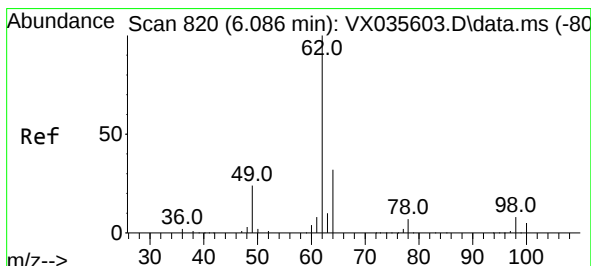
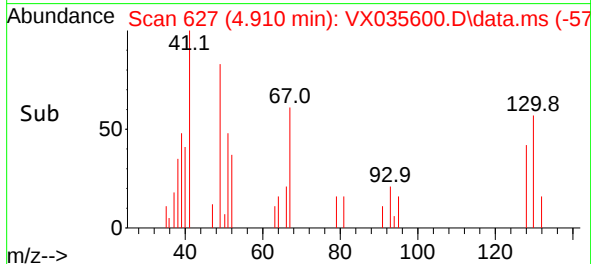
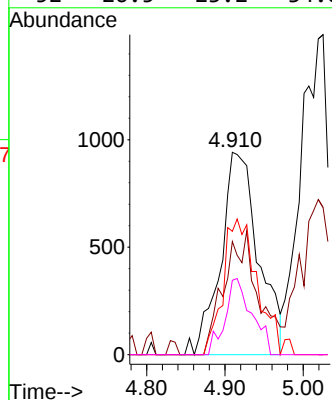
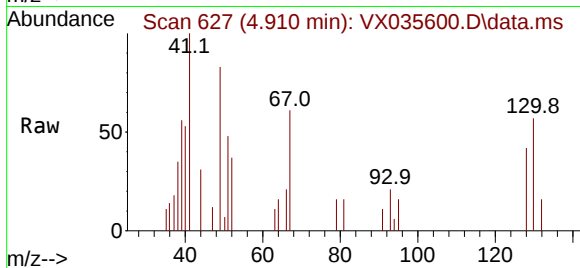




#41
Methacrylonitrile
Concen: 1.127 ug/l
RT: 4.910 min Scan# 619
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

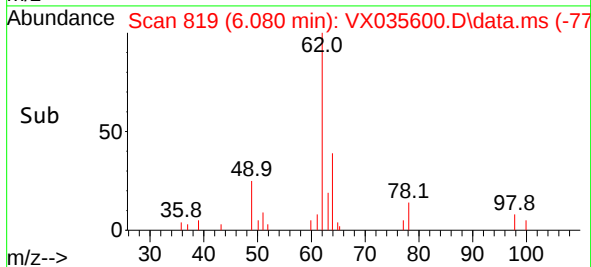
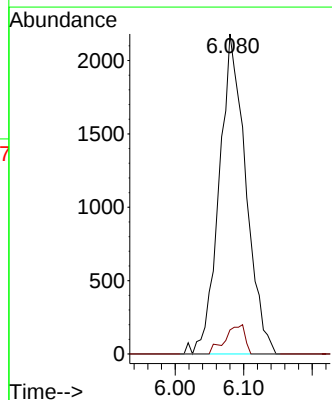
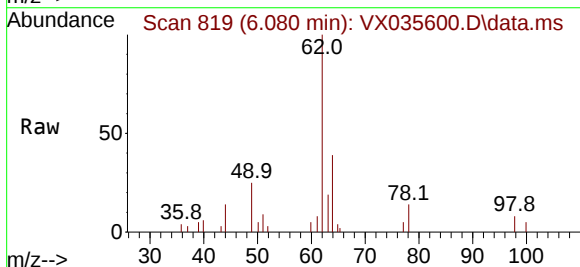
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	41	Resp:	3169
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.0	67.6
67	61.0	55.6	83.4
52	26.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 1.077 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:	62	Resp:	5889
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 1.056 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

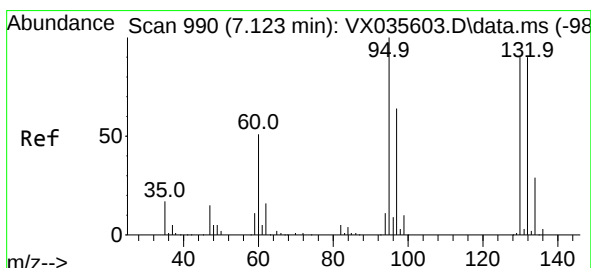
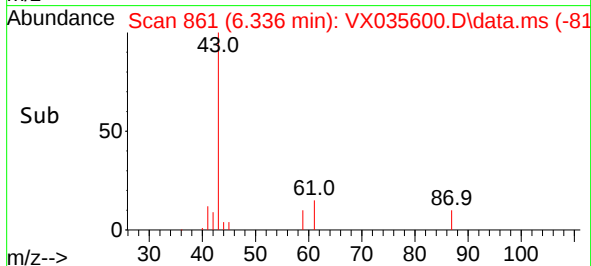
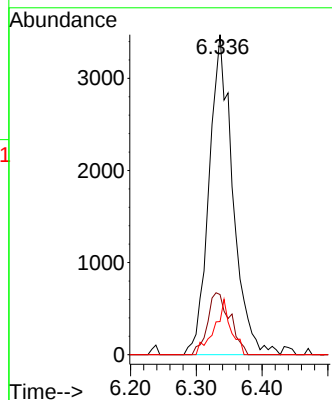
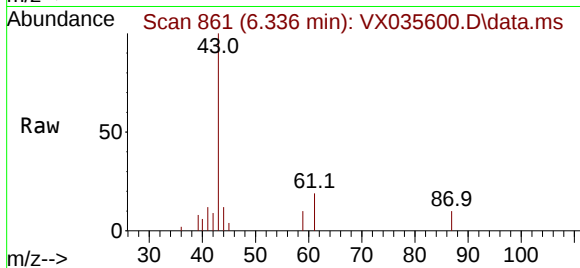
Tgt Ion: 43 Resp: 8728

Ion Ratio Lower Upper

43 100

61 18.5 15.2 22.8

87 12.0 9.8 14.8



#44

Trichloroethene

Concen: 1.116 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035600.D

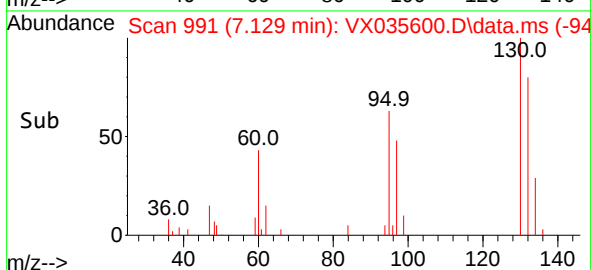
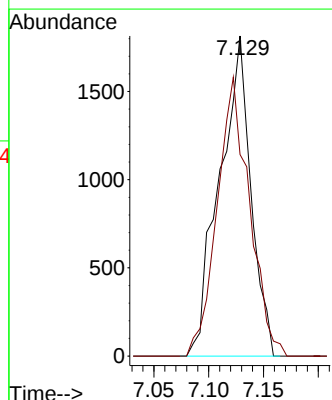
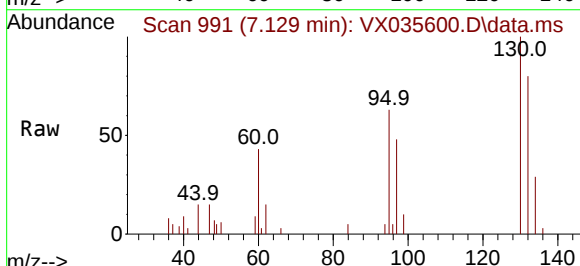
Acq: 11 May 2023 10:38

Tgt Ion:130 Resp: 3595

Ion Ratio Lower Upper

130 100

95 63.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 1.036 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

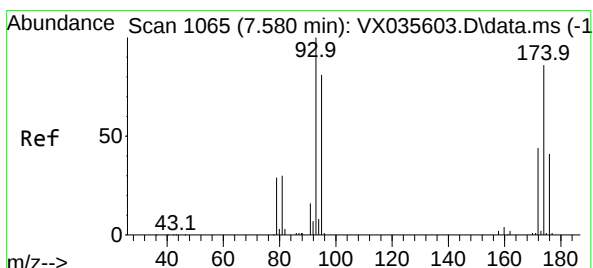
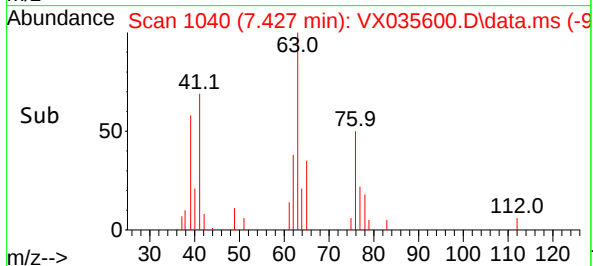
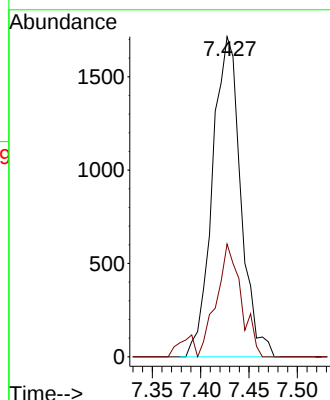
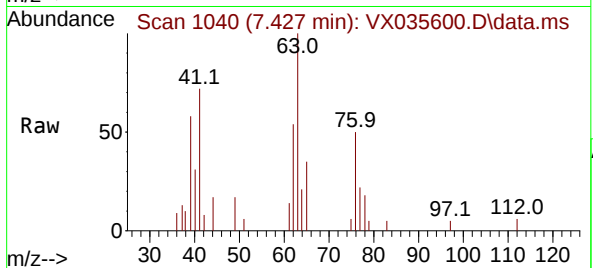
VSTDIC001

Tgt Ion: 63 Resp: 3487

Ion Ratio Lower Upper

63 100

65 35.2 24.6 37.0



#46

Dibromomethane

Concen: 0.984 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

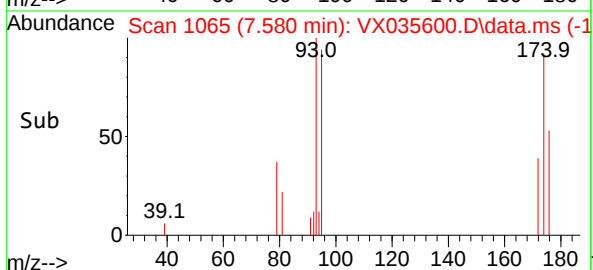
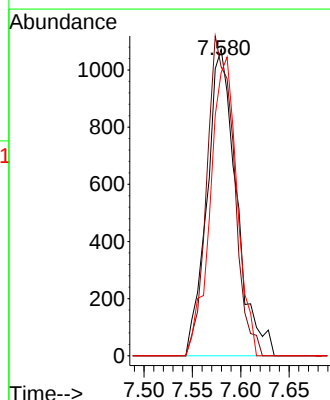
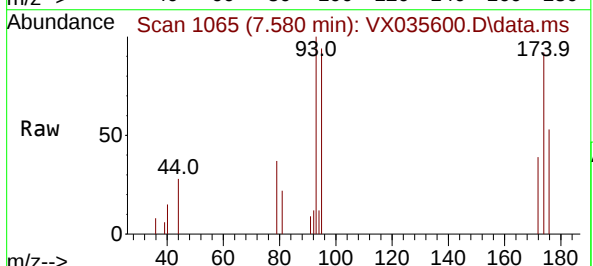
Tgt Ion: 93 Resp: 2266

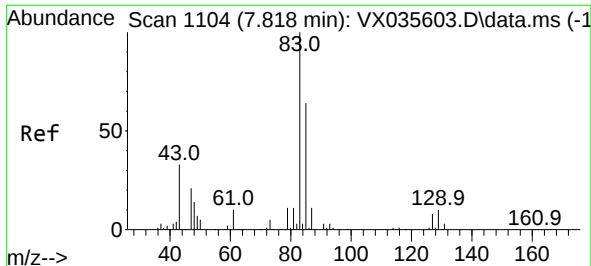
Ion Ratio Lower Upper

93 100

95 95.6 66.9 100.3

174 88.1 75.4 113.0

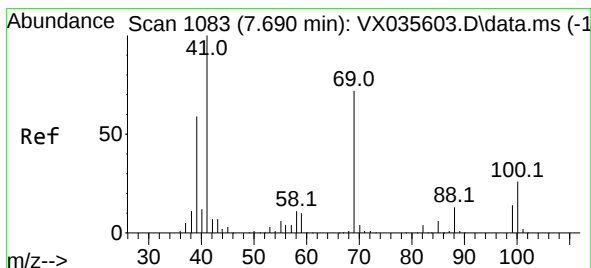
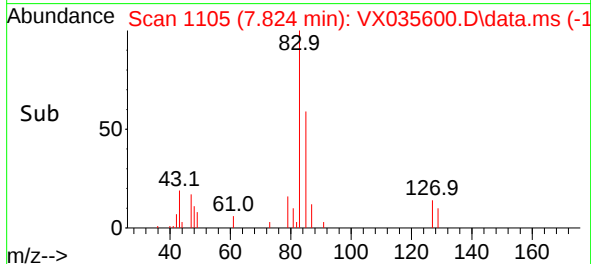
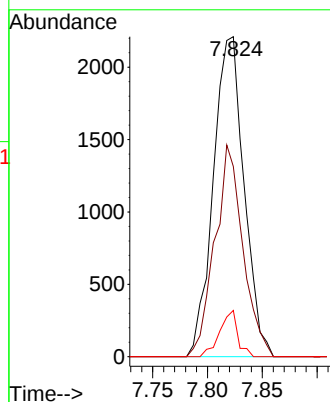
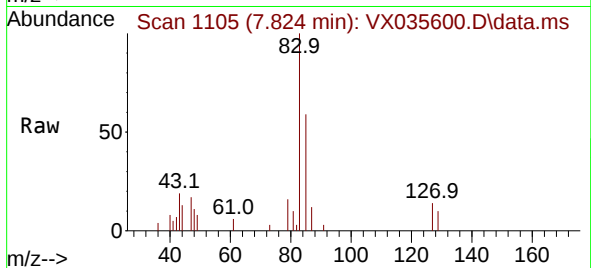




#47
 Bromodichloromethane
 Concen: 0.970 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

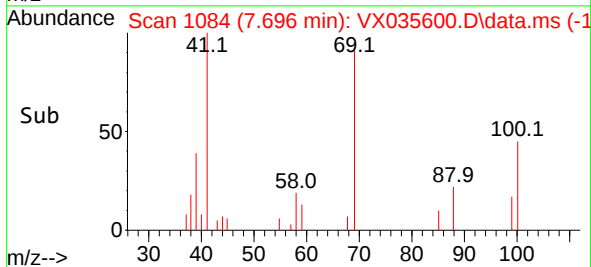
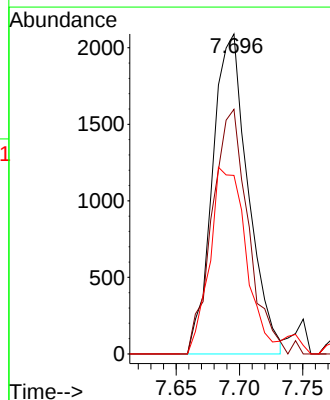
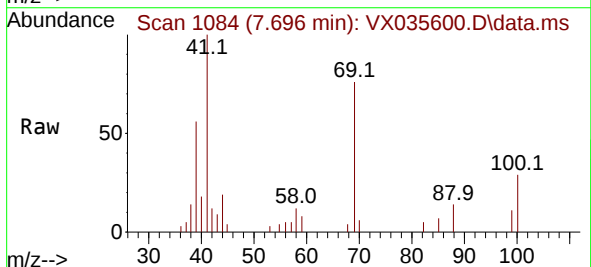
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

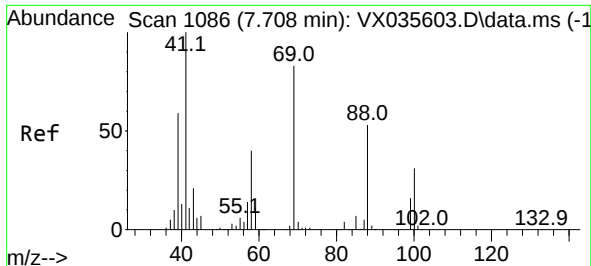
Tgt Ion: 83 Resp: 4320
 Ion Ratio Lower Upper
 83 100
 85 59.5 52.2 78.4
 127 14.5 6.6 9.8#



#48
 Methyl methacrylate
 Concen: 1.003 ug/l
 RT: 7.696 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 41 Resp: 4089
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.2 93.4
 39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 30.045 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

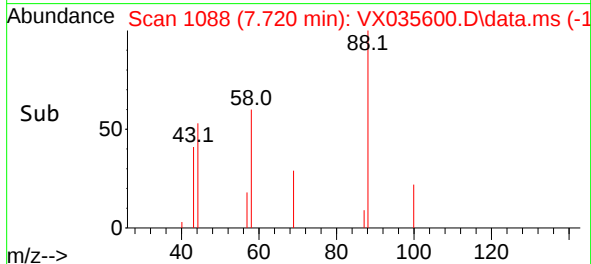
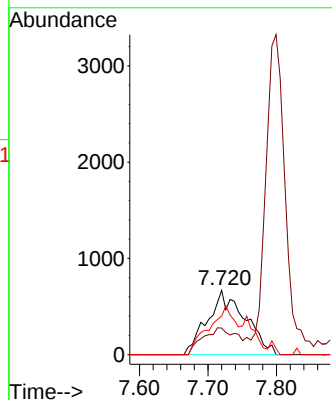
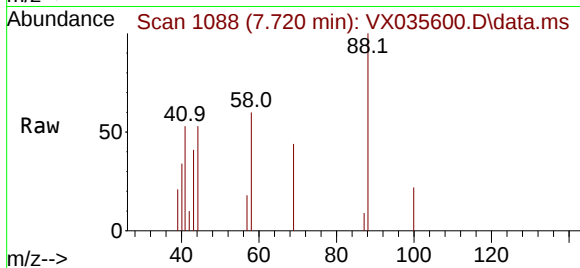
Tgt Ion: 88 Resp: 2549

Ion Ratio Lower Upper

88 100

43 36.8 27.7 41.5

58 52.6 56.8 85.2#



#50

Toluene-d8

Concen: 1.056 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035600.D

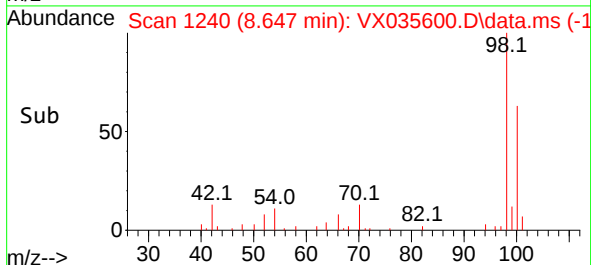
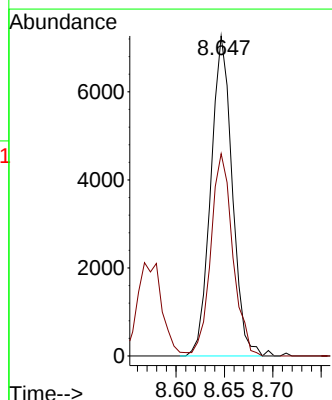
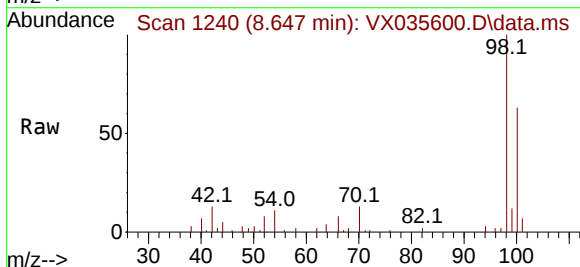
Acq: 11 May 2023 10:38

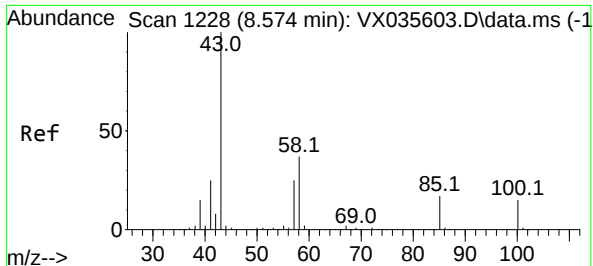
Tgt Ion: 98 Resp: 11222

Ion Ratio Lower Upper

98 100

100 64.5 52.5 78.7

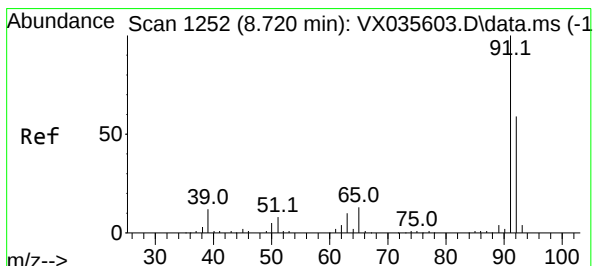
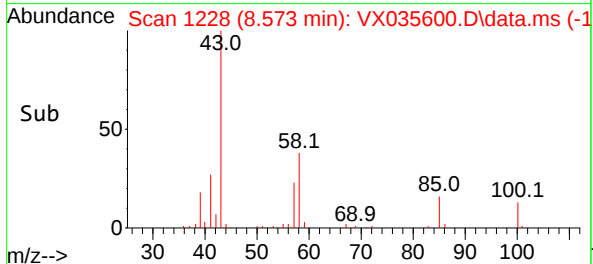
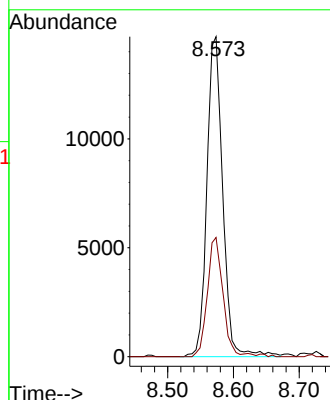
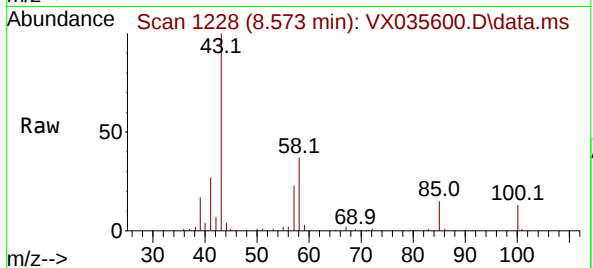




#51
4-Methyl-2-Pentanone
Concen: 5.162 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

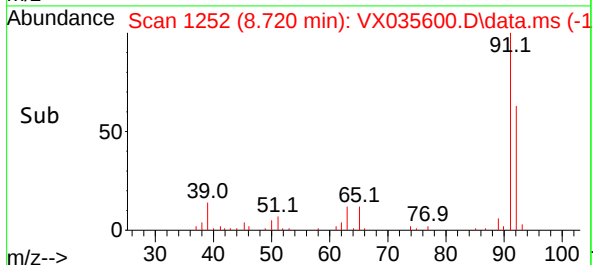
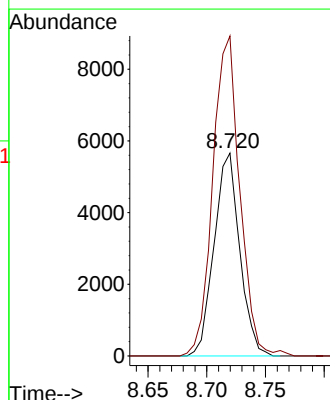
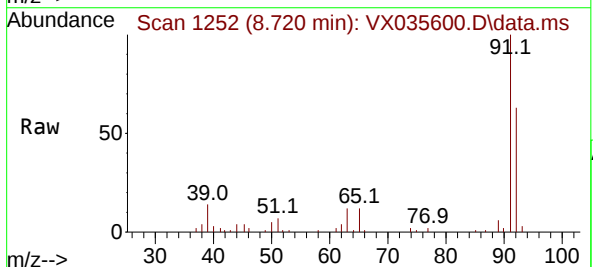
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

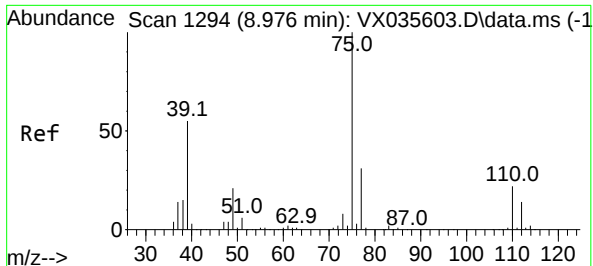
Tgt Ion: 43 Resp: 24568
Ion Ratio Lower Upper
43 100
58 36.9 30.6 46.0



#52
Toluene
Concen: 1.070 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 92 Resp: 8584
Ion Ratio Lower Upper
92 100
91 166.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 0.858 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

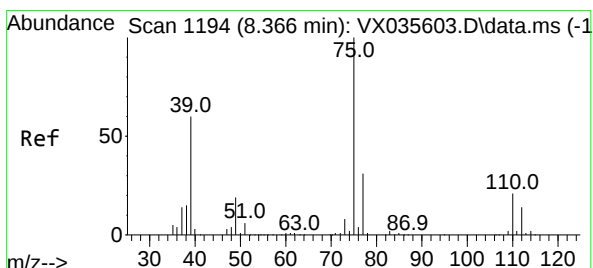
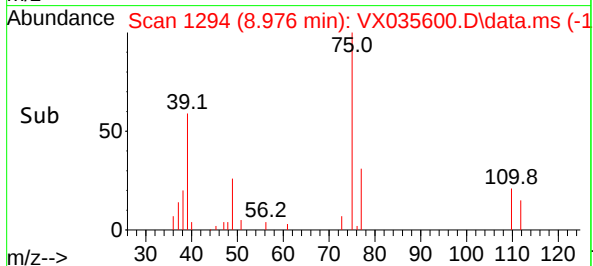
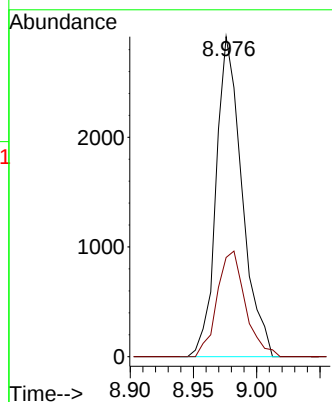
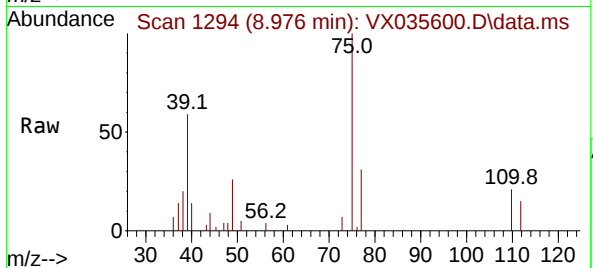
VSTDIC001

Tgt Ion: 75 Resp: 4150

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.882 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

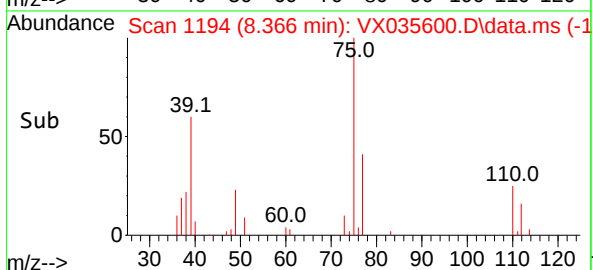
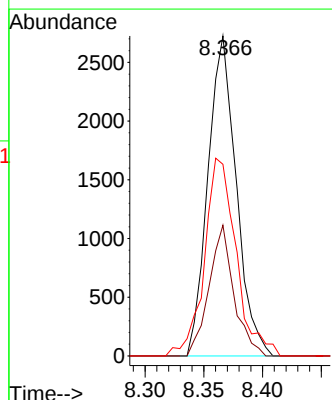
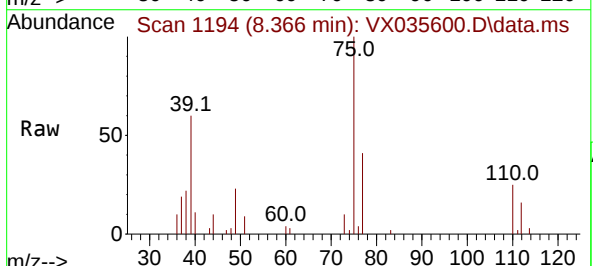
Tgt Ion: 75 Resp: 4571

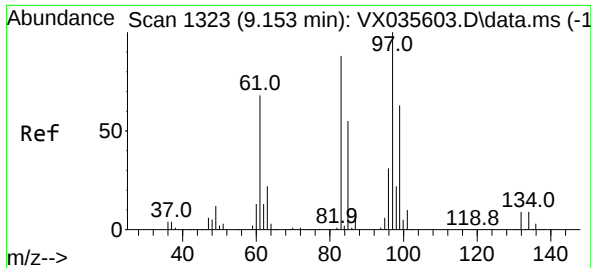
Ion Ratio Lower Upper

75 100

77 40.8 25.0 37.4#

39 59.9 44.6 66.8

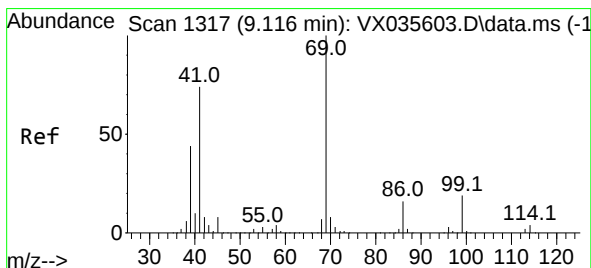
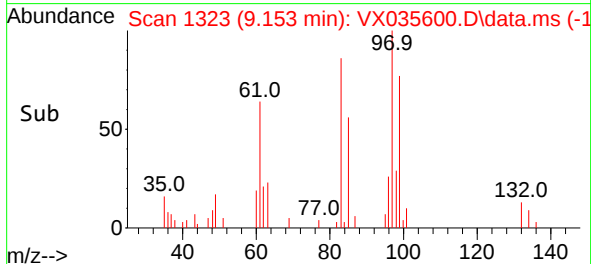
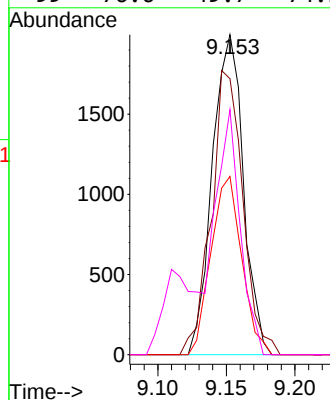
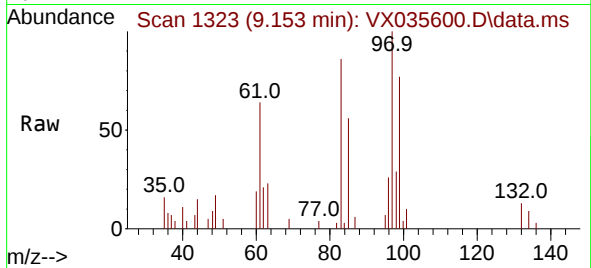




#55
1,1,2-Trichloroethane
Concen: 0.997 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

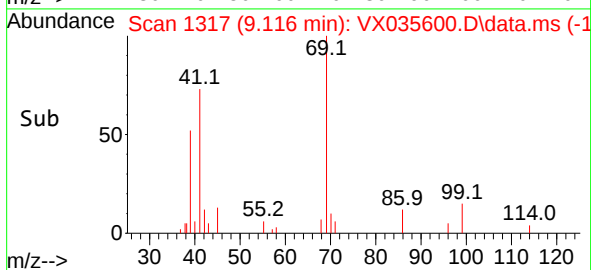
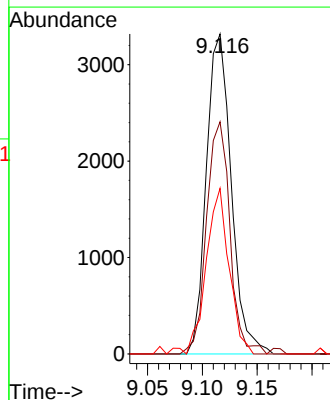
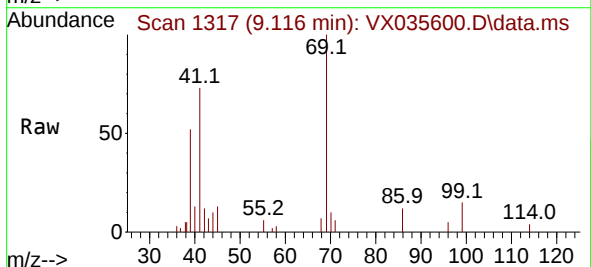
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

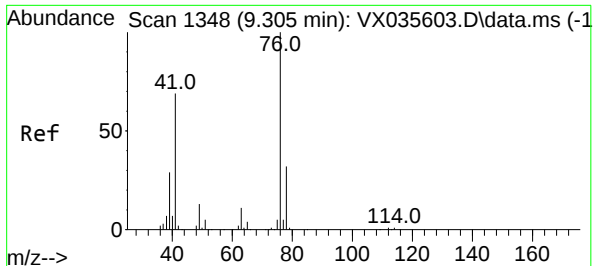
Tgt Ion: 97	Resp: 3141
Ion Ratio	Lower Upper
97 100	
83 86.3	69.7 104.5
85 55.7	43.7 65.5
99 76.6	49.7 74.5#



#56
Ethyl methacrylate
Concen: 1.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 69	Resp: 5241
Ion Ratio	Lower Upper
69 100	
41 68.2	57.4 86.0
39 48.0	33.7 50.5





#57

1,3-Dichloropropane

Concen: 1.042 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

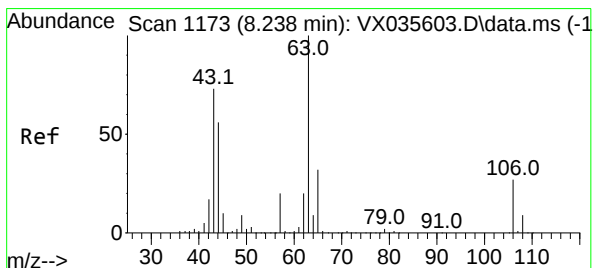
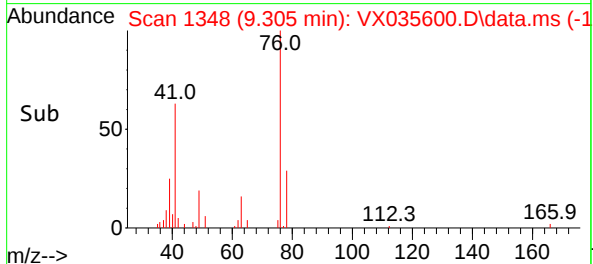
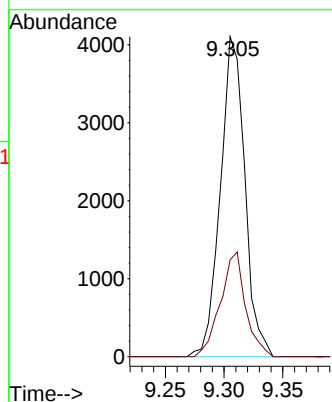
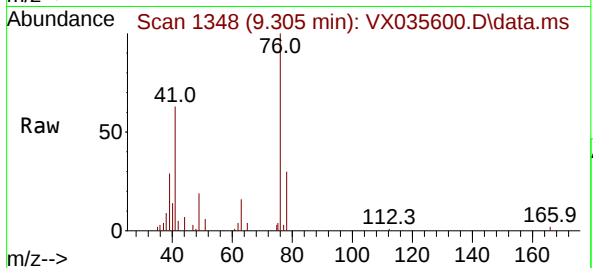
VSTDIC001

Tgt Ion: 76 Resp: 5950

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 5.073 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035600.D

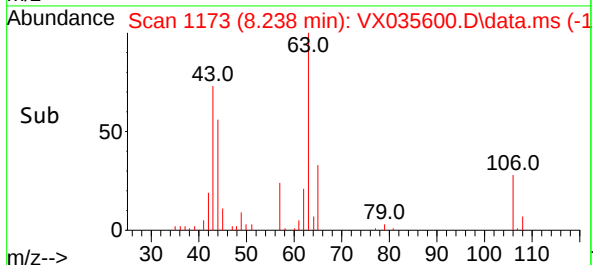
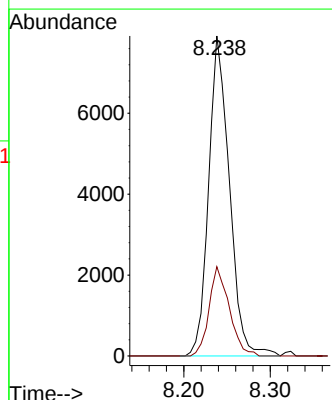
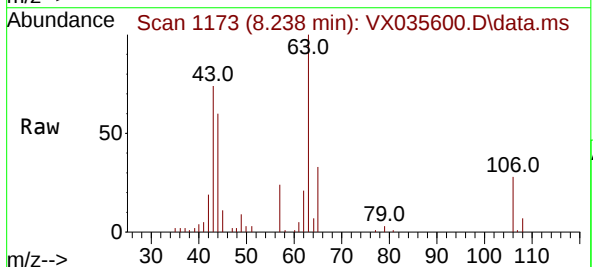
Acq: 11 May 2023 10:38

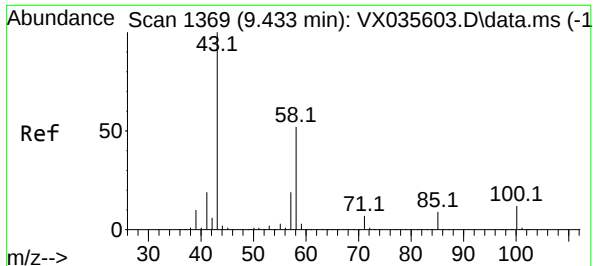
Tgt Ion: 63 Resp: 13168

Ion Ratio Lower Upper

63 100

106 27.2 22.2 33.2





#59

2-Hexanone

Concen: 5.121 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

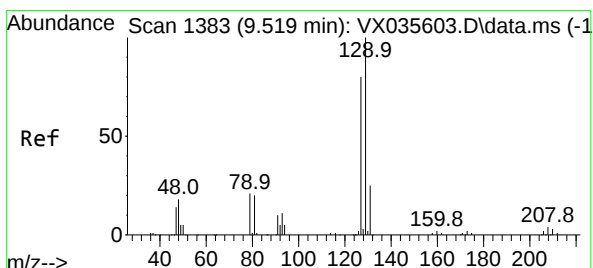
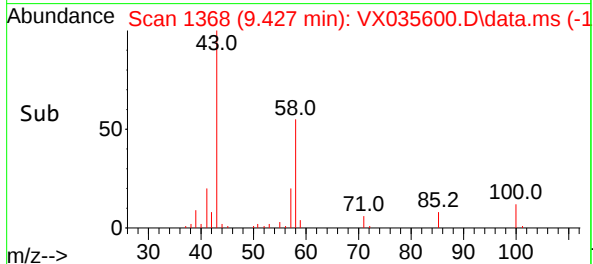
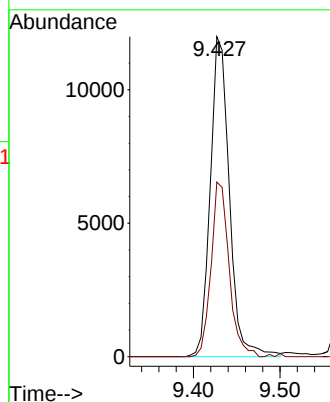
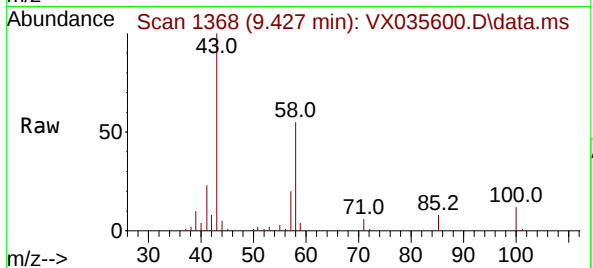
VSTDIC001

Tgt Ion: 43 Resp: 18356

Ion Ratio Lower Upper

43 100

58 51.7 26.3 78.9



#60

Dibromochloromethane

Concen: 0.880 ug/l

RT: 9.512 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VX035600.D

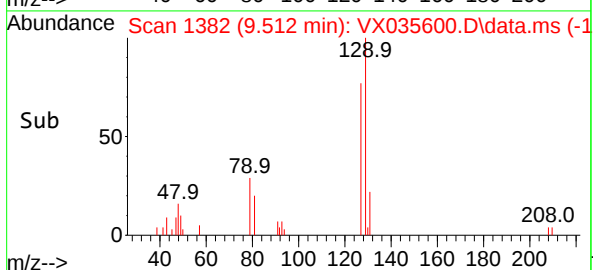
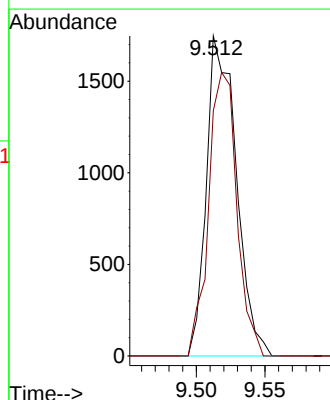
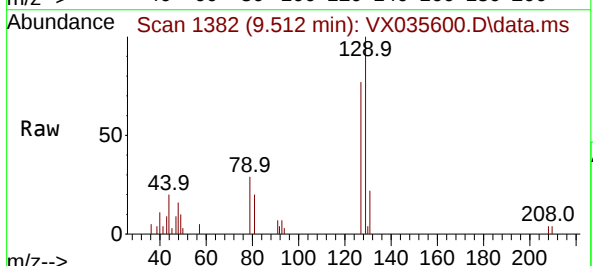
Acq: 11 May 2023 10:38

Tgt Ion: 129 Resp: 2642

Ion Ratio Lower Upper

129 100

127 84.1 39.0 117.0

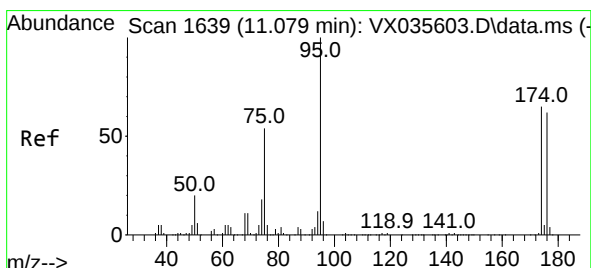
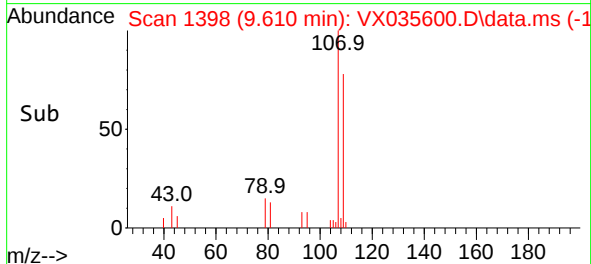
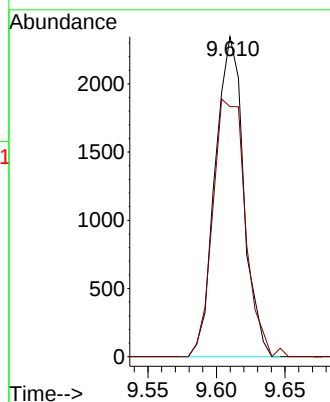
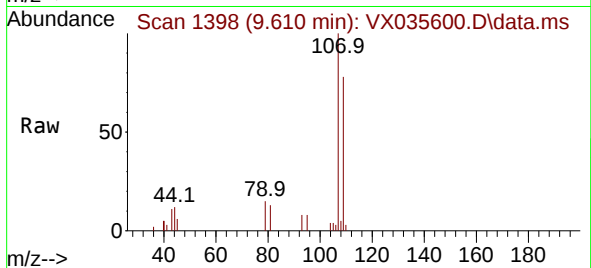




#61
1,2-Dibromoethane
Concen: 1.019 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

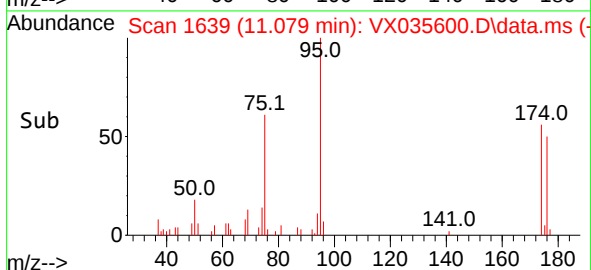
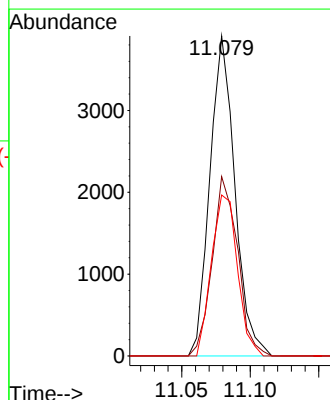
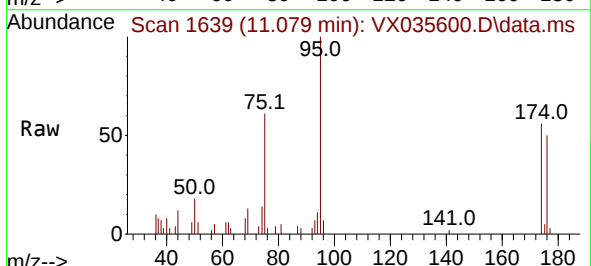
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

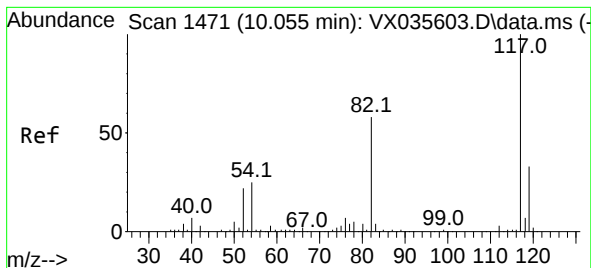
Tgt Ion:107 Resp: 3383
Ion Ratio Lower Upper
107 100
109 92.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 1.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 95 Resp: 4965
Ion Ratio Lower Upper
95 100
174 56.9 0.0 147.4
176 52.2 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

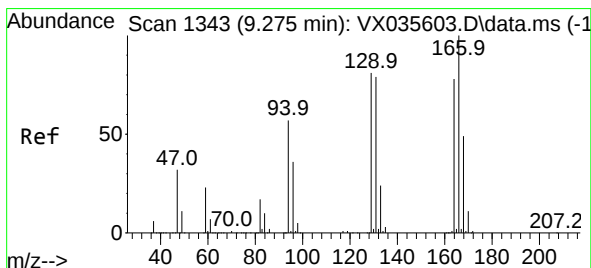
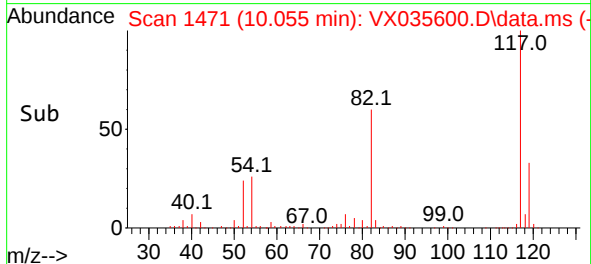
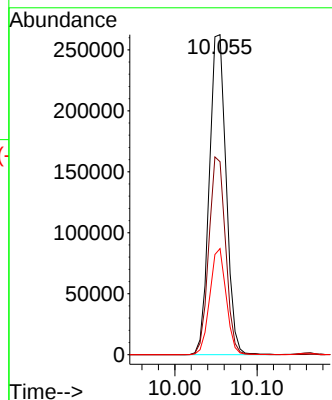
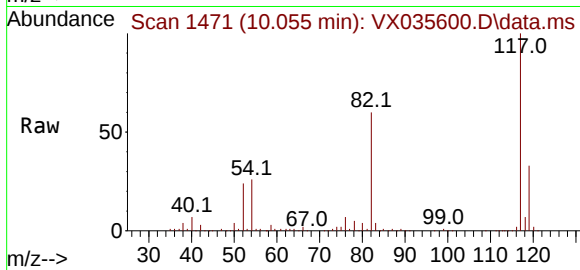
Tgt Ion:117 Resp: 372046

Ion Ratio Lower Upper

117 100

82 60.3 45.0 67.4

119 33.1 26.0 39.0



#64

Tetrachloroethene

Concen: 1.107 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.007 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Tgt Ion:164 Resp: 2772

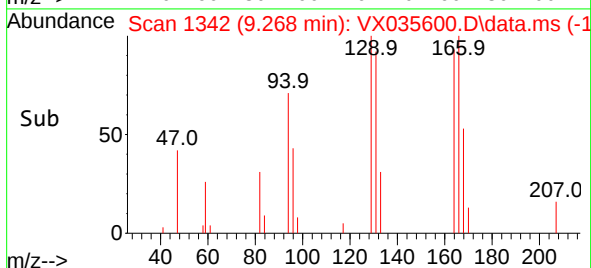
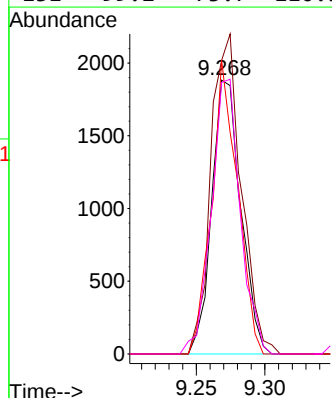
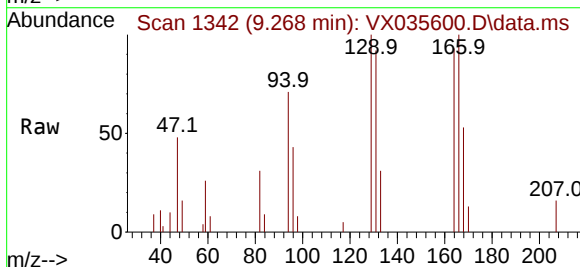
Ion Ratio Lower Upper

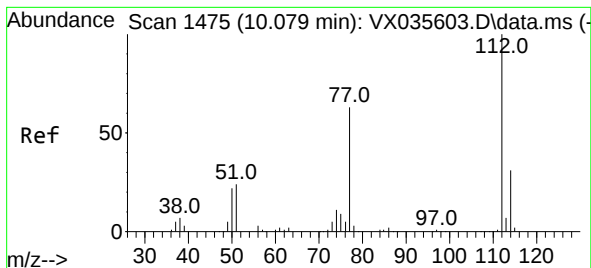
164 100

166 107.3 102.7 154.1

129 107.3 75.6 113.4

131 99.2 73.7 110.5

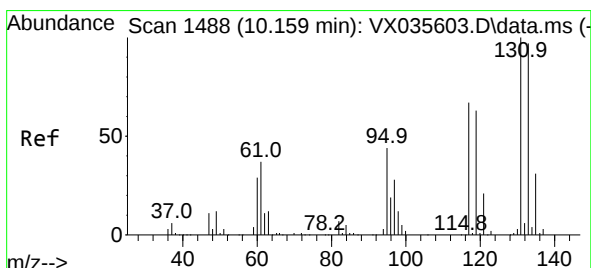
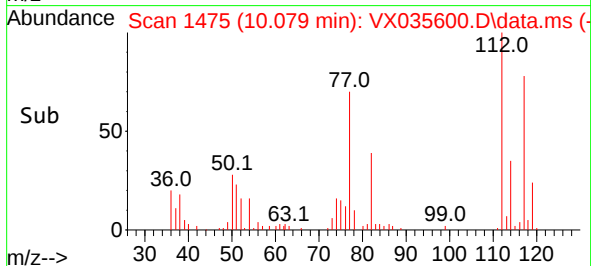
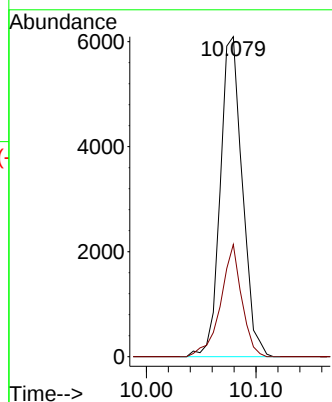
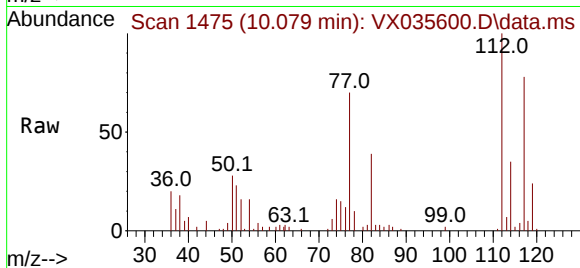




#65
Chlorobenzene
Concen: 1.050 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

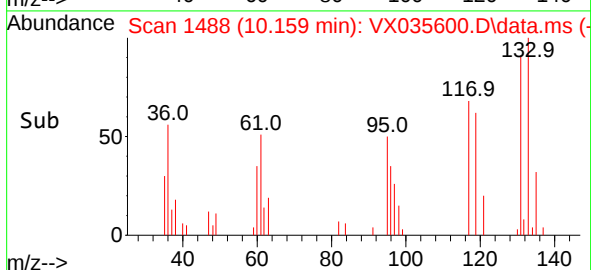
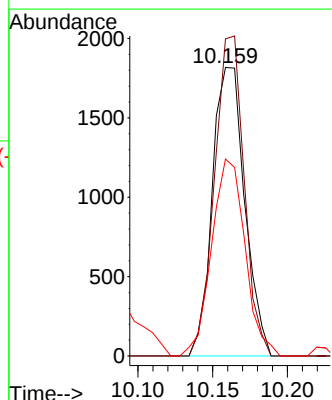
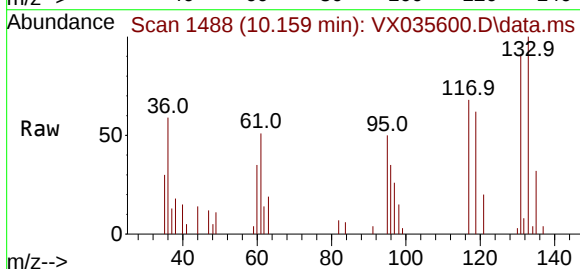
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

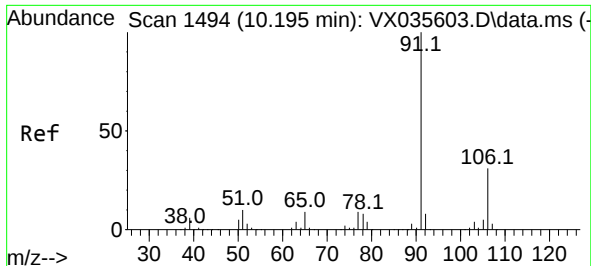
Tgt Ion:112 Resp: 8530
Ion Ratio Lower Upper
112 100
114 35.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:131 Resp: 2741
Ion Ratio Lower Upper
131 100
133 101.7 47.1 141.4
119 0.0 32.6 98.0#





#67

Ethyl Benzene

Concen: 1.047 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

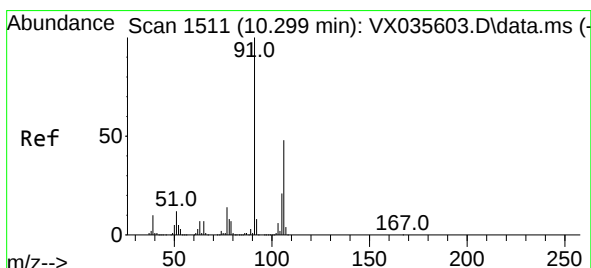
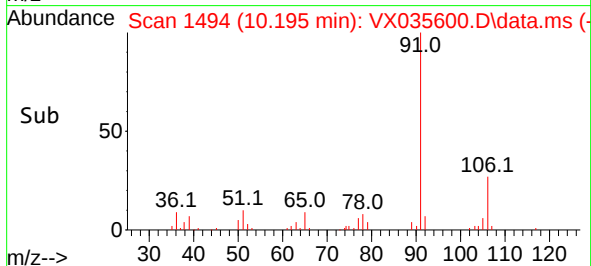
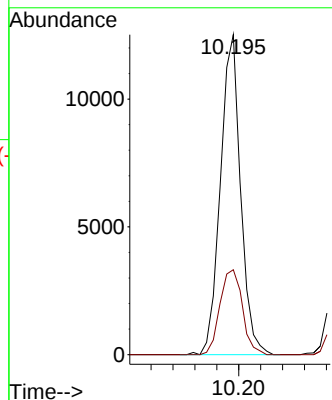
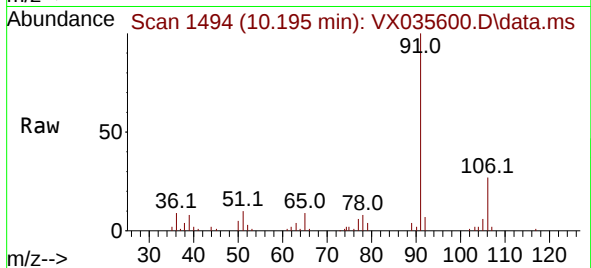
VSTDIC001

Tgt Ion: 91 Resp: 15992

Ion Ratio Lower Upper

91 100

106 26.6 25.6 38.4



#68

m/p-Xylenes

Concen: 2.043 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035600.D

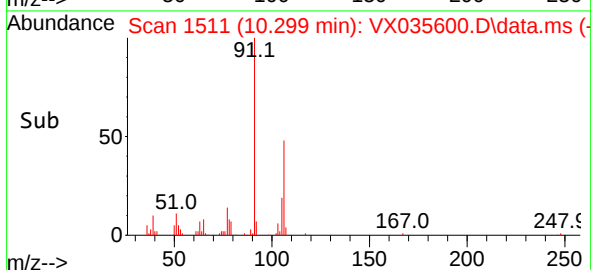
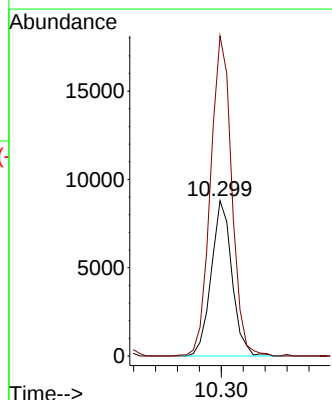
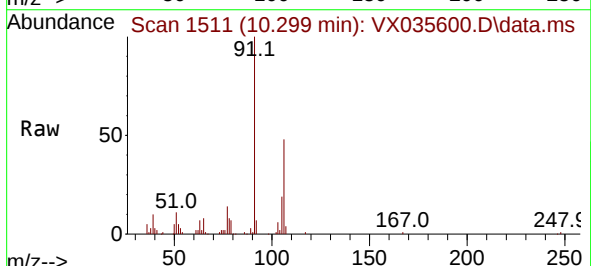
Acq: 11 May 2023 10:38

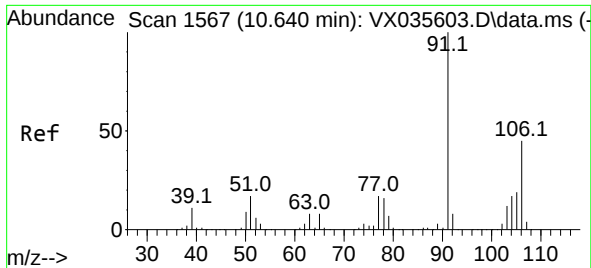
Tgt Ion: 106 Resp: 11532

Ion Ratio Lower Upper

106 100

91 211.7 164.0 246.0

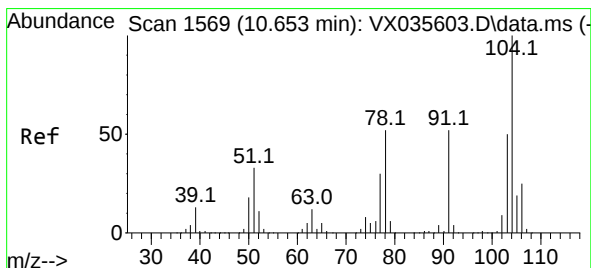
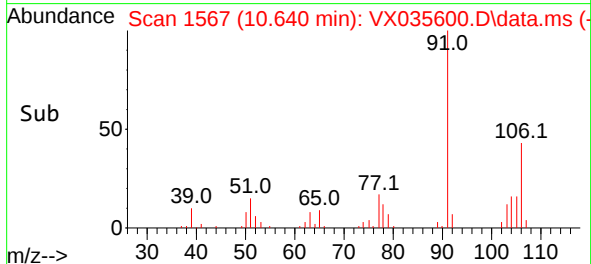
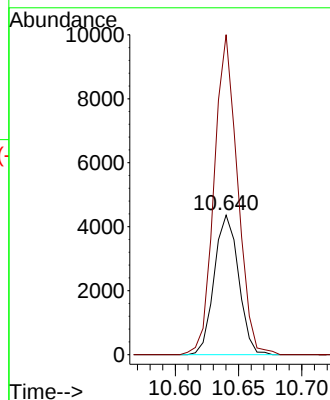
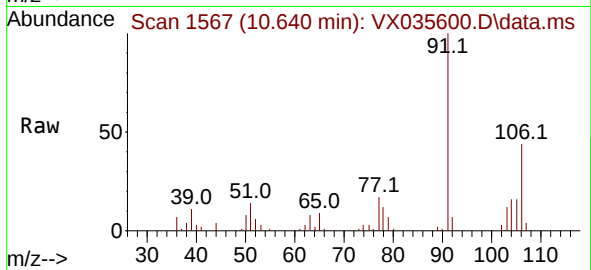




#69
o-Xylene
Concen: 1.043 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

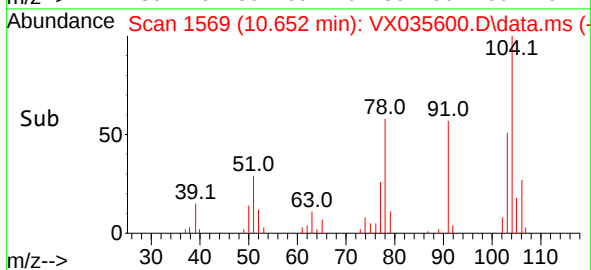
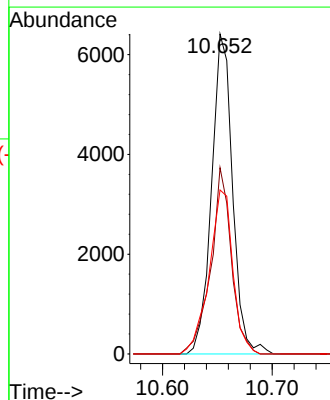
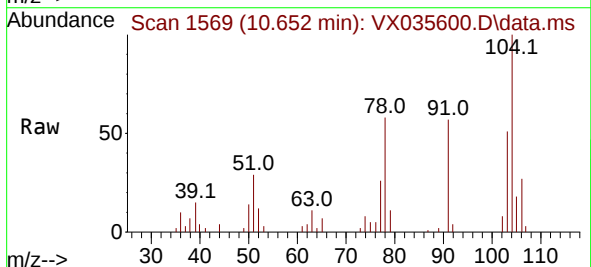
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

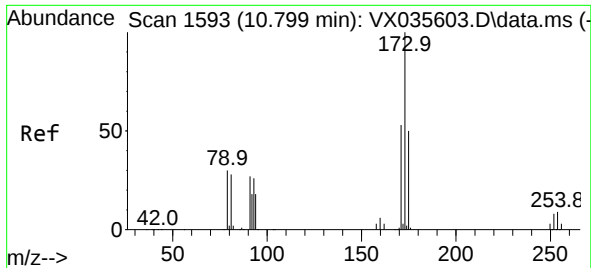
Tgt Ion:106 Resp: 5842
Ion Ratio Lower Upper
106 100
91 219.7 108.5 325.3



#70
Styrene
Concen: 0.944 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:104 Resp: 8526
Ion Ratio Lower Upper
104 100
78 57.2 43.4 65.2
103 57.8 44.2 66.2

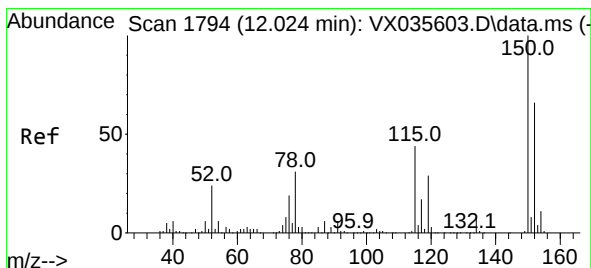
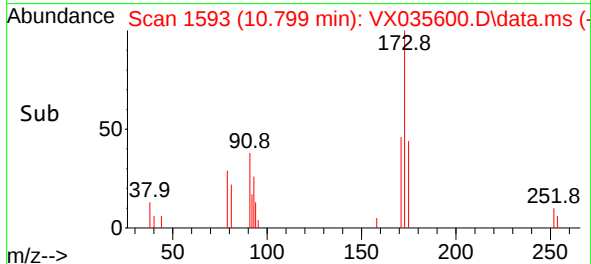
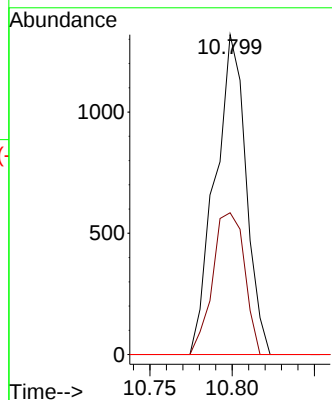
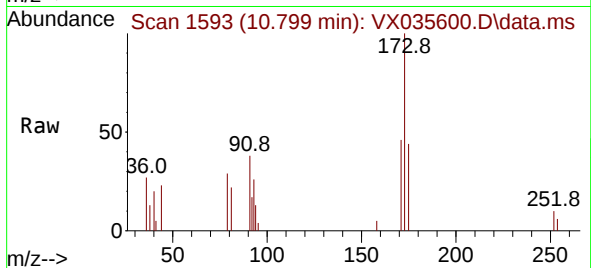




#71
Bromoform
Concen: 0.912 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

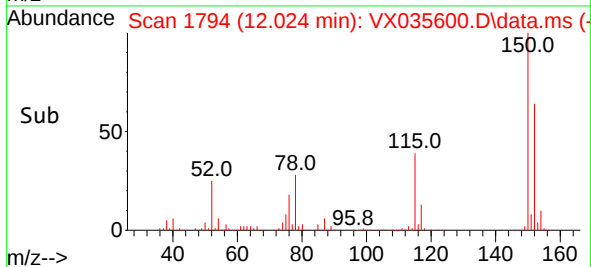
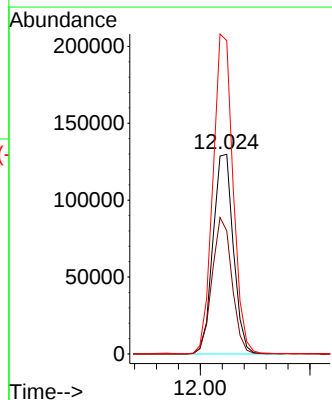
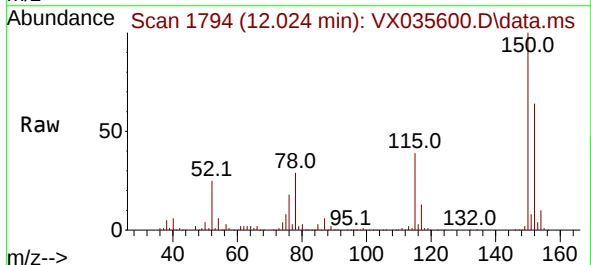
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

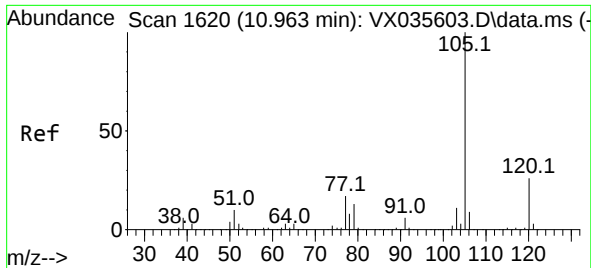
Tgt Ion:173 Resp: 1724
Ion Ratio Lower Upper
173 100
175 45.8 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:152 Resp: 167642
Ion Ratio Lower Upper
152 100
115 66.7 45.0 135.0
150 157.9 0.0 352.4

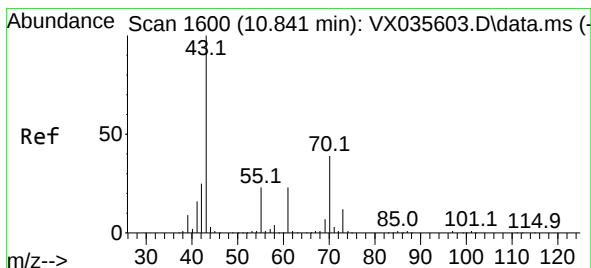
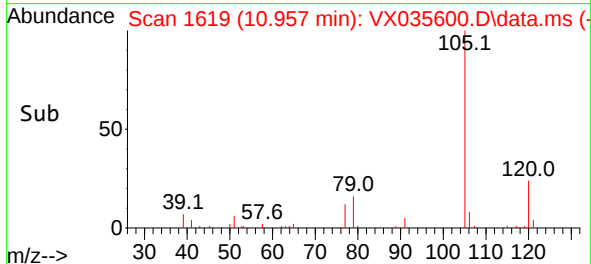
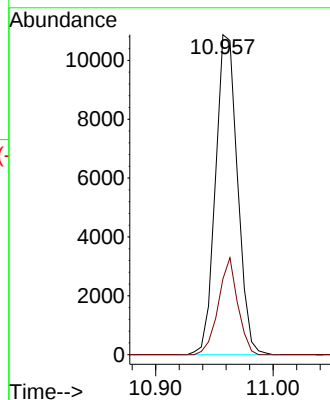
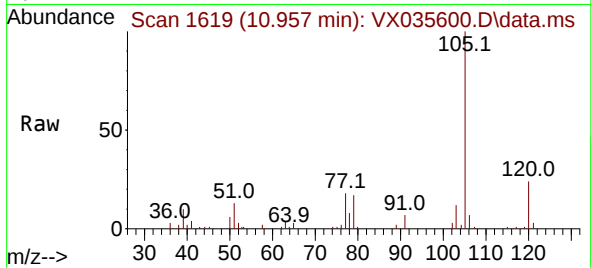




#73
Isopropylbenzene
Concen: 1.004 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

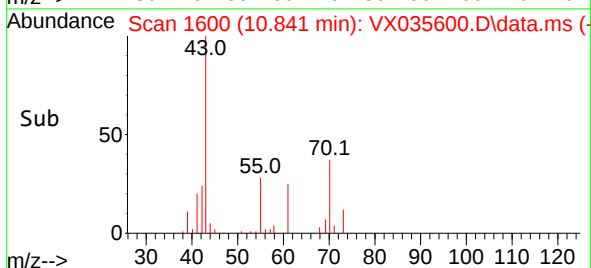
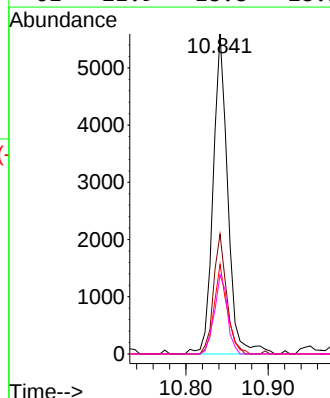
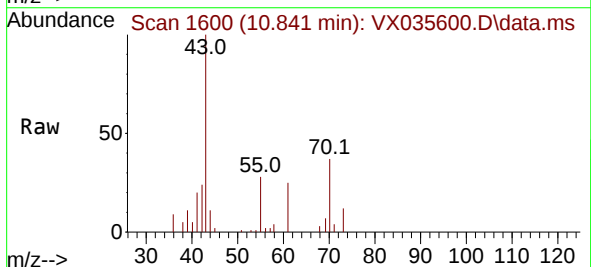
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

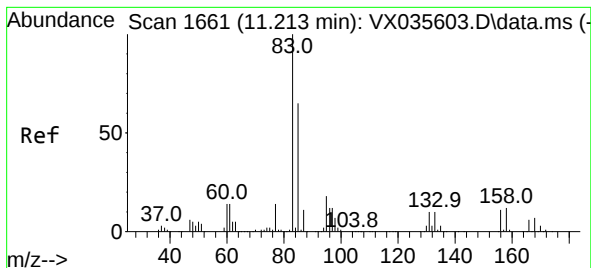
Tgt Ion:105 Resp: 14177
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 1.055 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
70 33.2 32.1 48.1
55 25.1 18.3 27.5
61 21.9 18.8 28.2

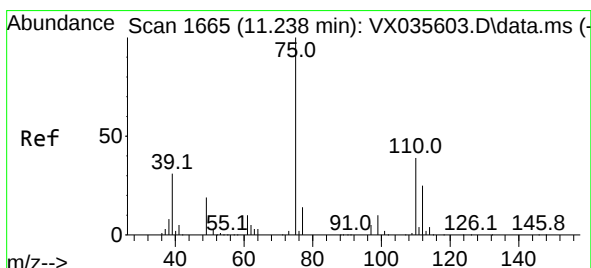
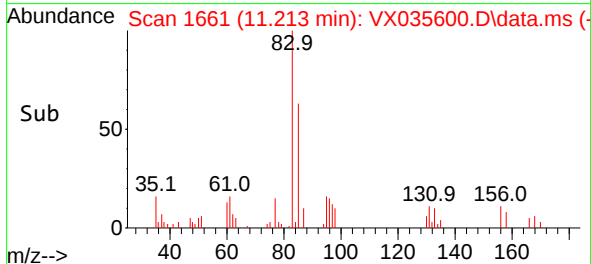
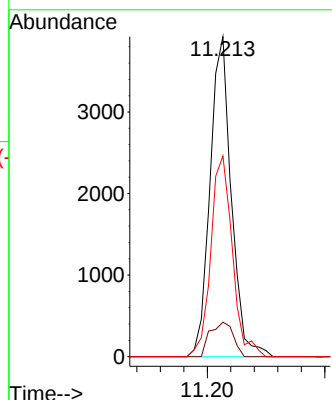
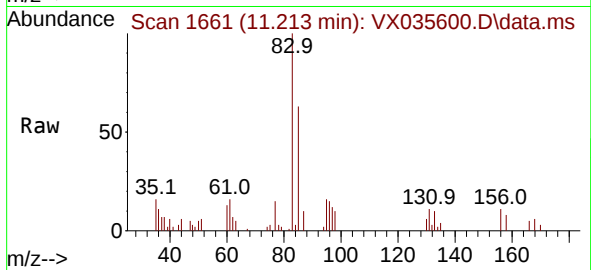




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.074 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

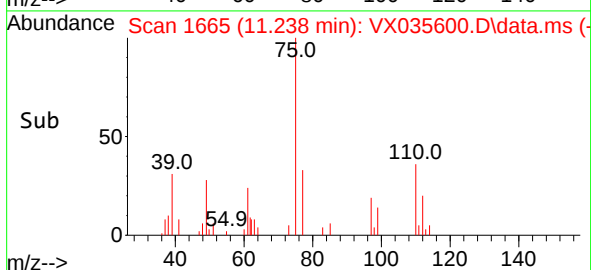
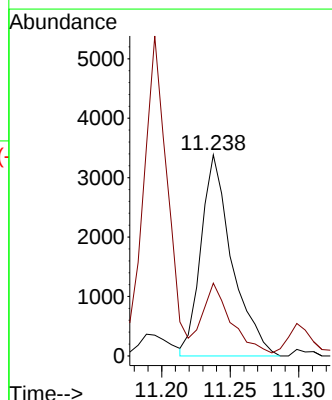
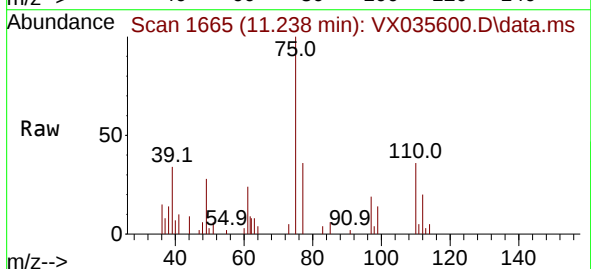
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

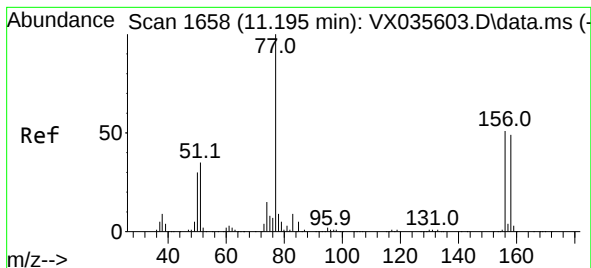
Tgt Ion: 83 Resp: 4923
 Ion Ratio Lower Upper
 83 100
 131 11.7 4.8 14.3
 85 63.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 1.328 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 75 Resp: 5334
 Ion Ratio Lower Upper
 75 100
 77 34.6 21.6 64.8





#77

Bromobenzene

Concen: 1.079 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

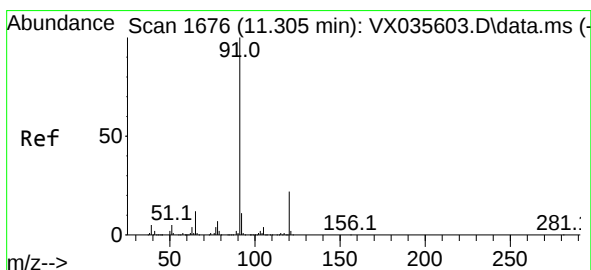
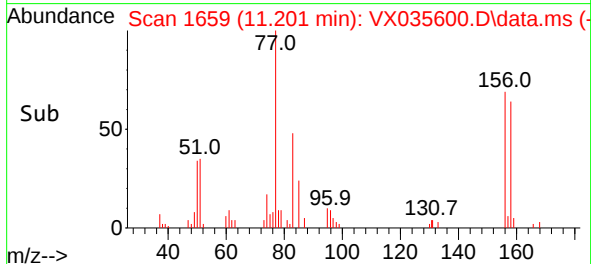
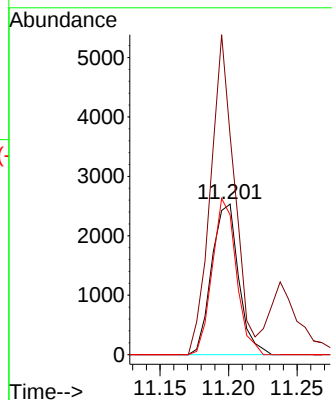
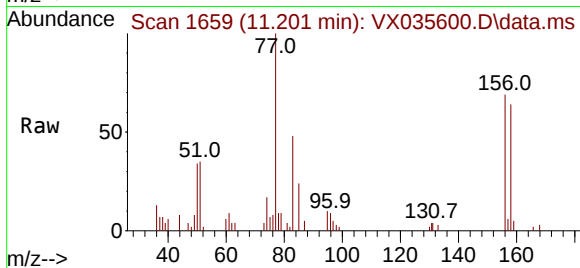
Tgt Ion:156 Resp: 3458

Ion Ratio Lower Upper

156 100

77 188.1 86.7 259.9

158 92.6 48.0 144.0



#78

n-propylbenzene

Concen: 0.982 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035600.D

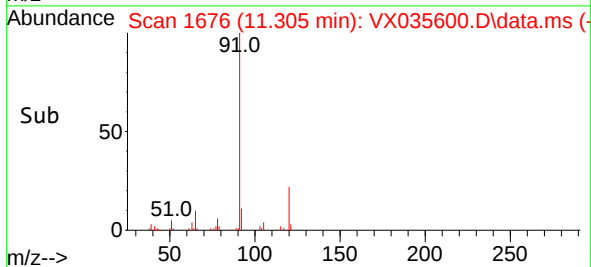
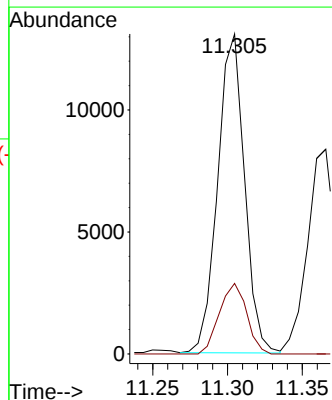
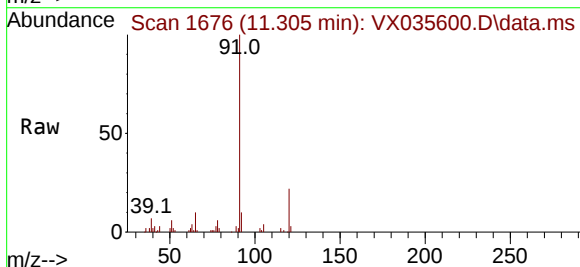
Acq: 11 May 2023 10:38

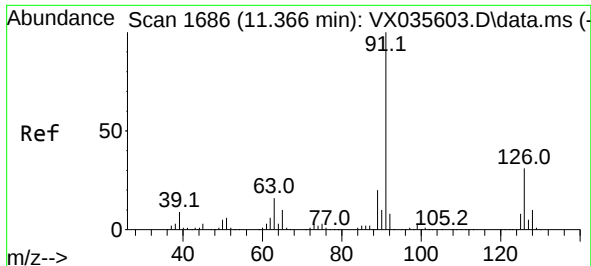
Tgt Ion: 91 Resp: 16302

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5

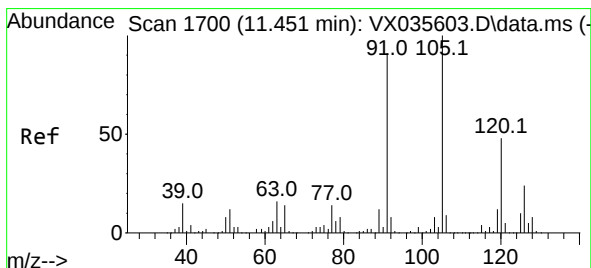
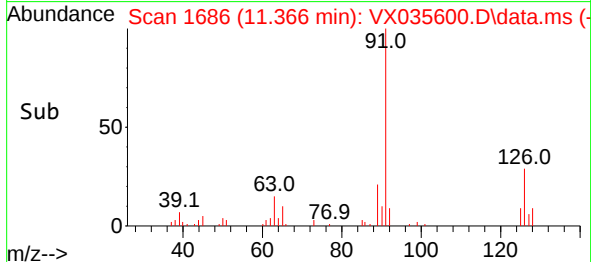
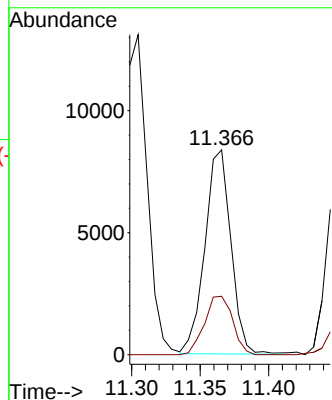
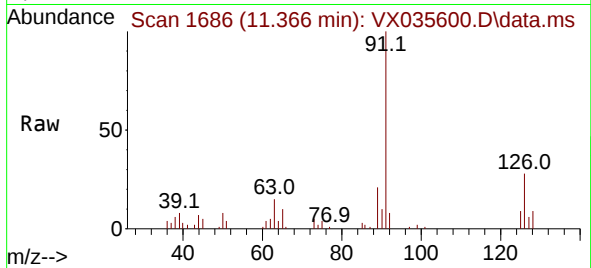




#79
2-Chlorotoluene
Concen: 1.064 ug/l
RT: 11.366 min Scan# 11057
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

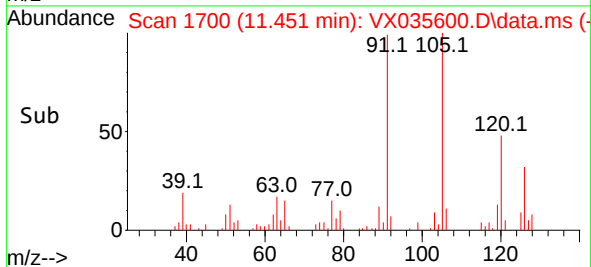
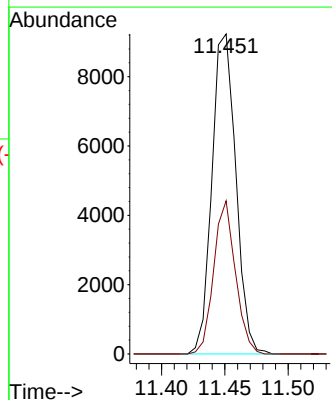
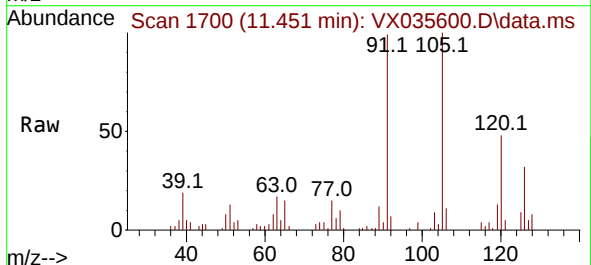
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 11057
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 1.012 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion: 105 Resp: 12148
Ion Ratio Lower Upper
105 100
120 43.4 23.7 71.1

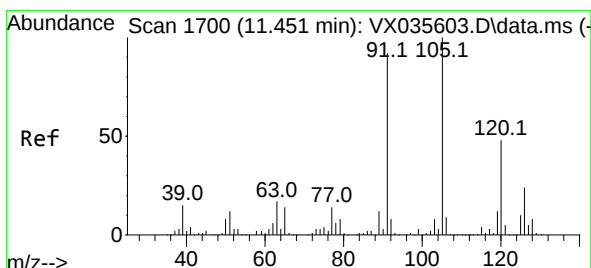
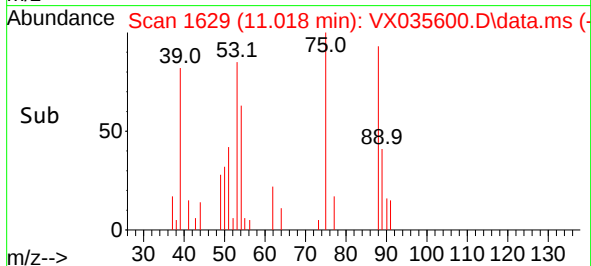
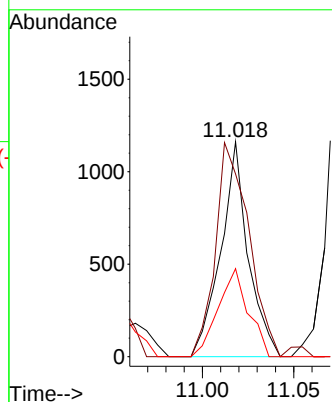
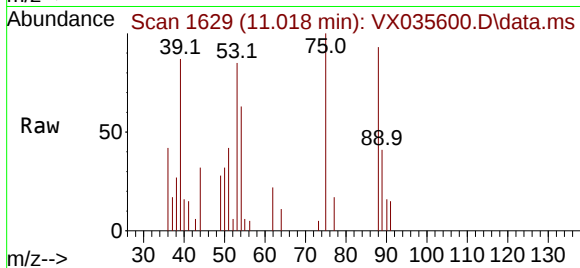




#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.950 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

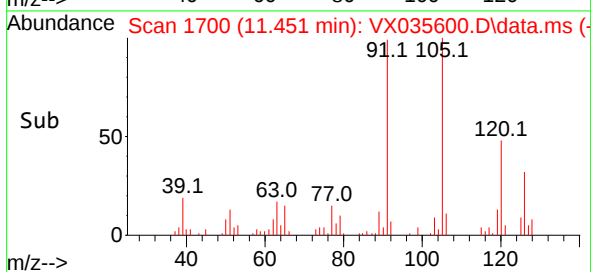
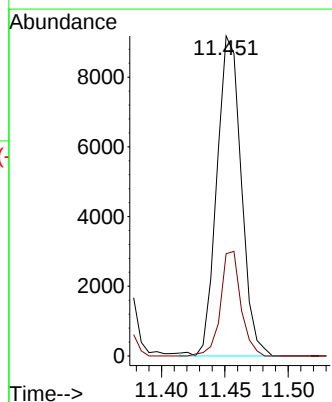
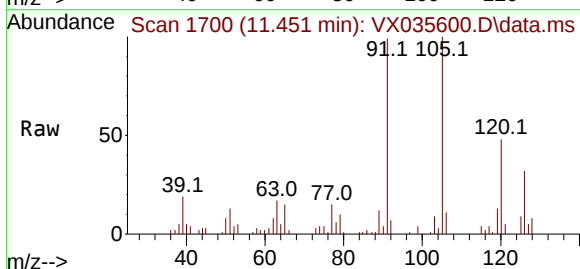
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

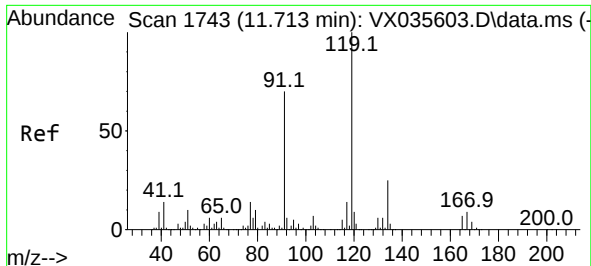
Tgt Ion: 75 Resp: 1209
 Ion Ratio Lower Upper
 75 100
 53 124.6 82.6 124.0#
 89 45.2 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 1.025 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion: 91 Resp: 12270
 Ion Ratio Lower Upper
 91 100
 126 27.4 14.2 42.6

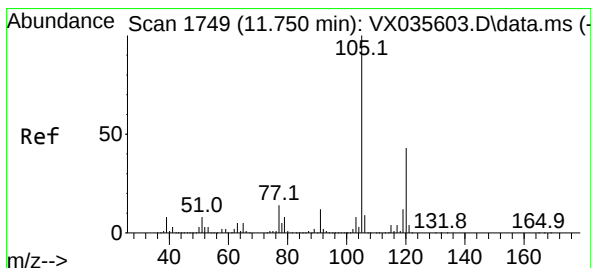
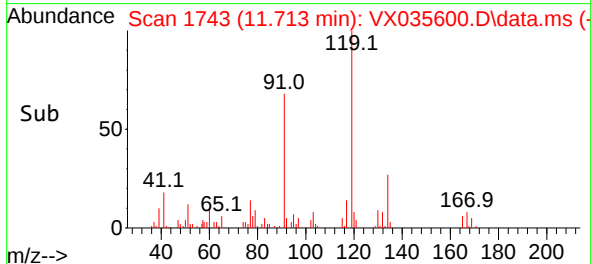
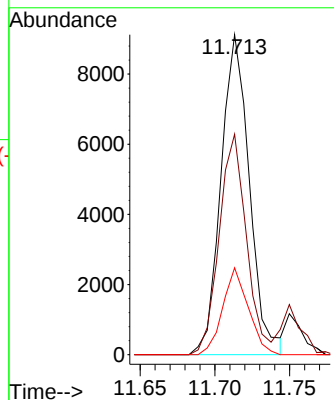
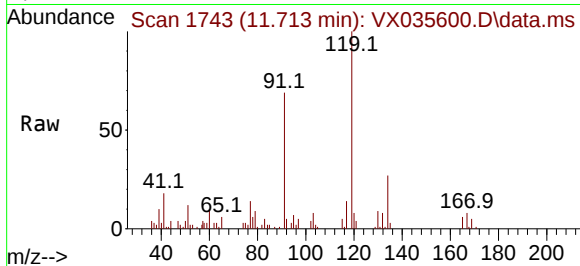




#83
tert-Butylbenzene
Concen: 1.034 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

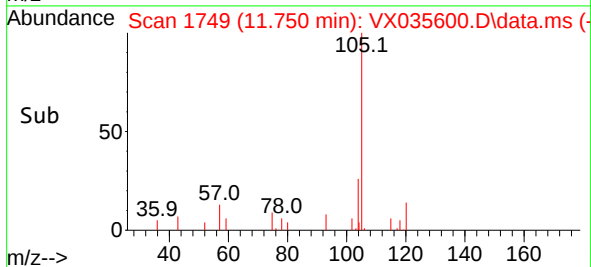
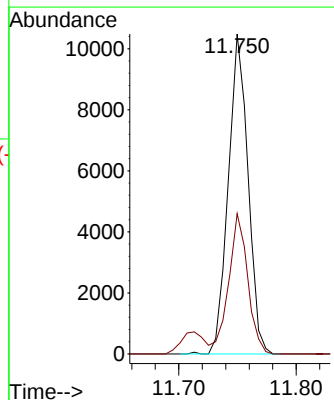
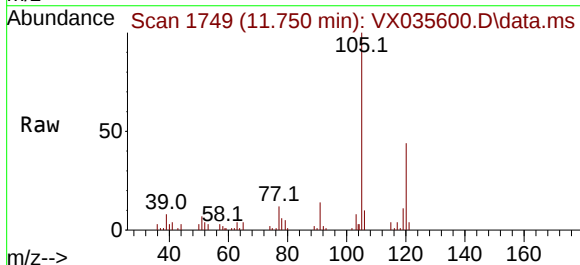
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	119	Resp:	12068
Ion	Ratio	Lower	Upper
119	100		
91	66.1	30.6	92.0
134	24.5	11.8	35.4



#84
1,2,4-Trimethylbenzene
Concen: 1.011 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035600.D
Acq: 11 May 2023 10:38

Tgt Ion:	105	Resp:	12185
Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.4	67.0

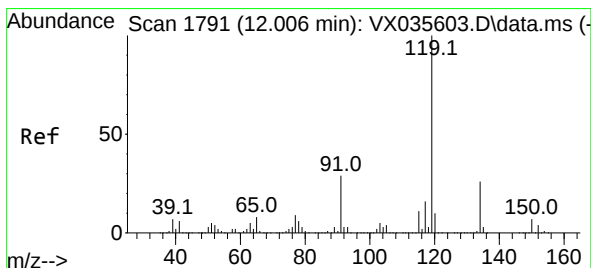
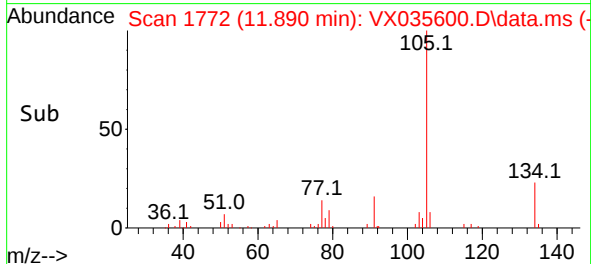
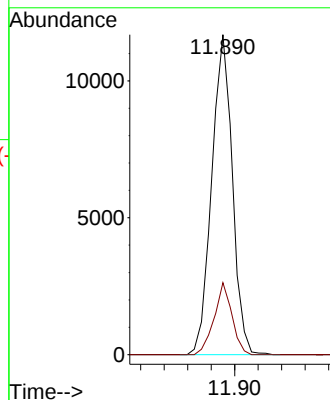
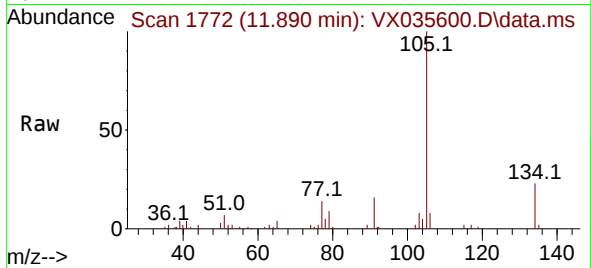




#85
 sec-Butylbenzene
 Concen: 0.971 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

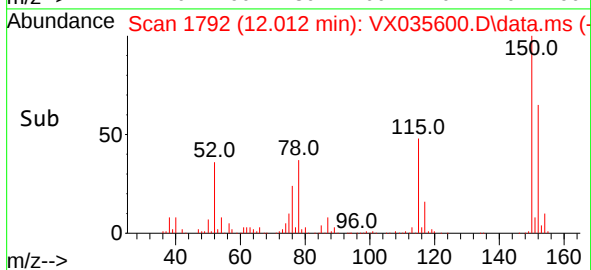
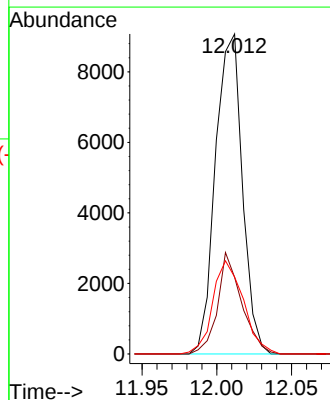
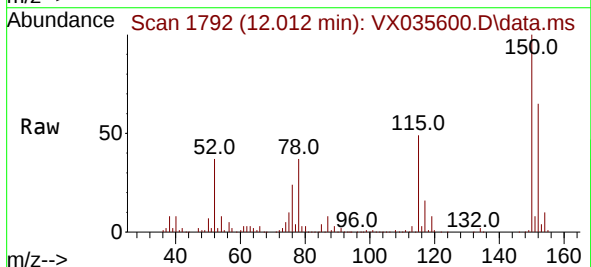
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

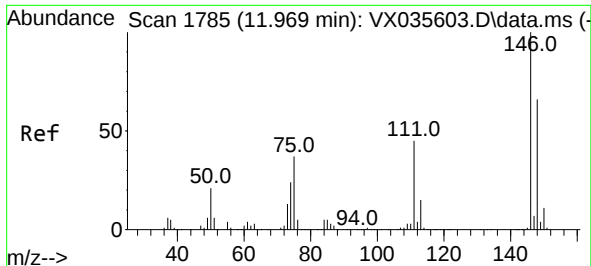
Tgt Ion:105 Resp: 14223
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.942 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035600.D
 Acq: 11 May 2023 10:38

Tgt Ion:119 Resp: 11349
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.2 39.5
 91 33.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.051 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

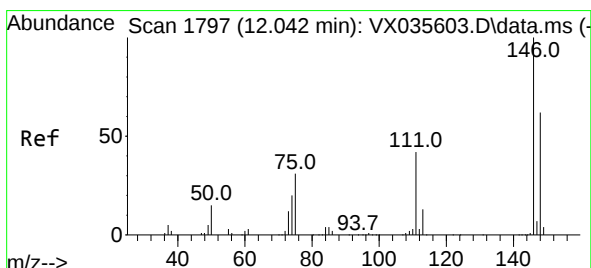
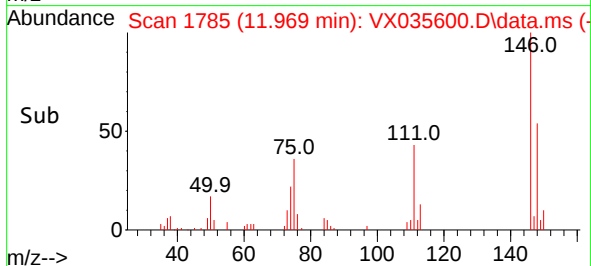
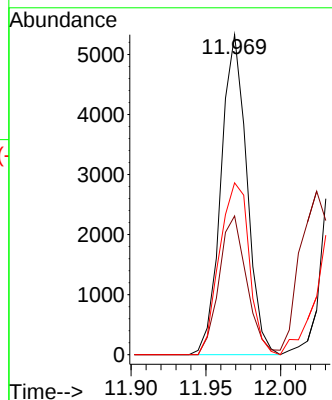
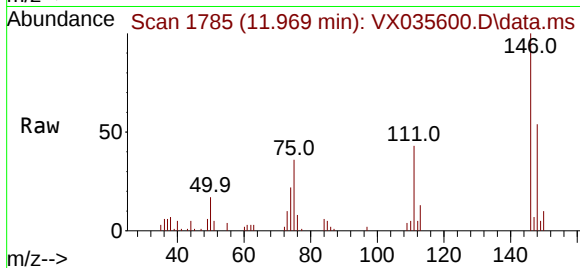
Tgt Ion:146 Resp: 6403

Ion Ratio Lower Upper

146 100

111 46.7 20.9 62.8

148 61.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 1.041 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

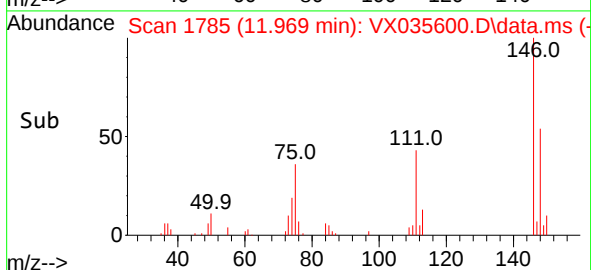
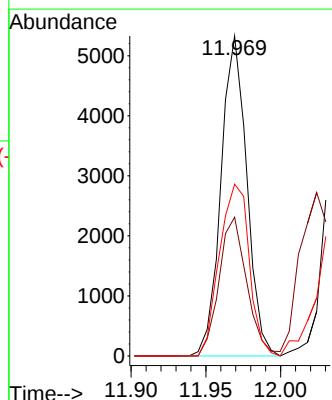
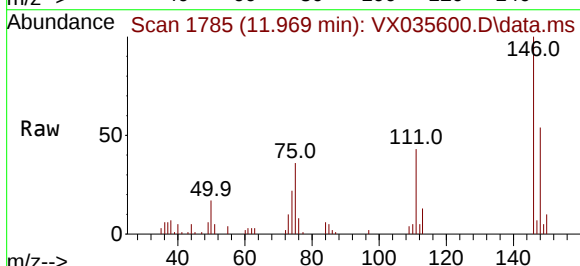
Tgt Ion:146 Resp: 6403

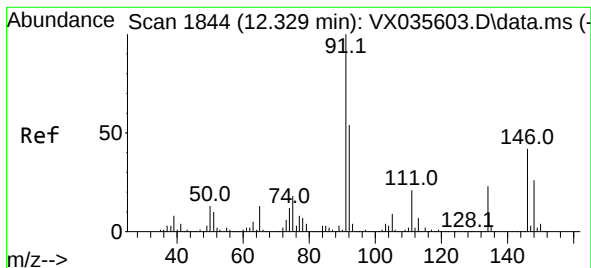
Ion Ratio Lower Upper

146 100

111 46.7 20.6 61.9

148 61.7 31.8 95.4





#89

n-Butylbenzene

Concen: 0.943 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

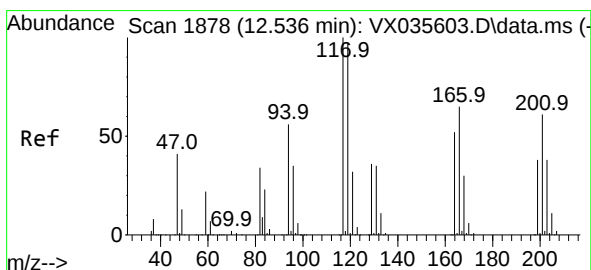
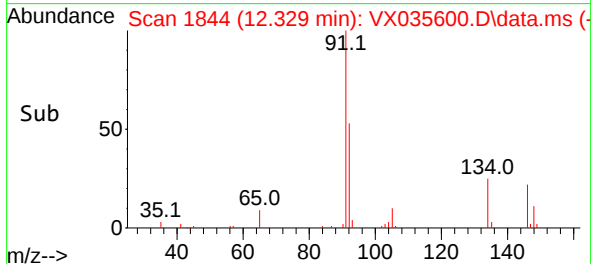
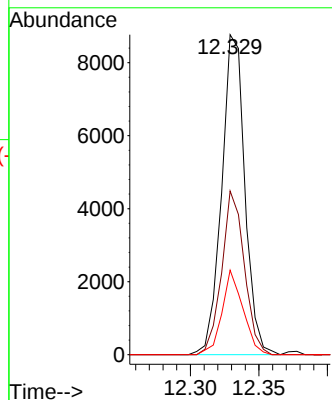
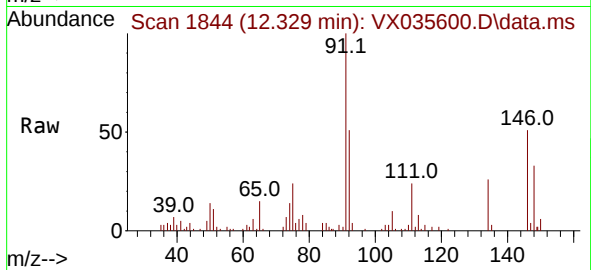
Tgt Ion: 91 Resp: 10337

Ion Ratio Lower Upper

91 100

92 49.9 27.7 83.0

134 23.9 13.0 38.9



#90

Hexachloroethane

Concen: 0.888 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035600.D

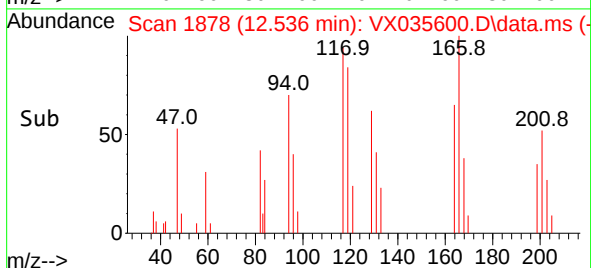
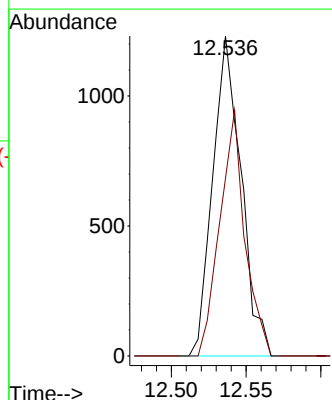
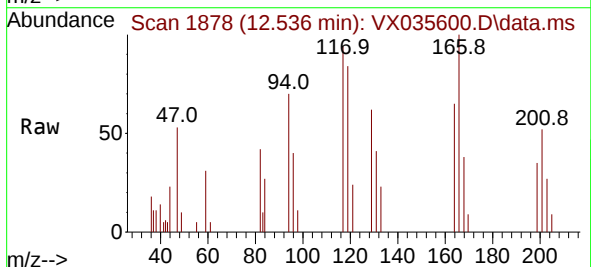
Acq: 11 May 2023 10:38

Tgt Ion: 117 Resp: 1621

Ion Ratio Lower Upper

117 100

201 68.0 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 1.084 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

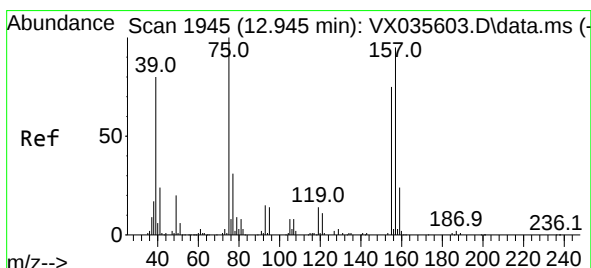
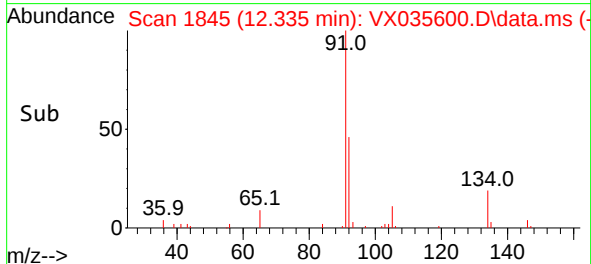
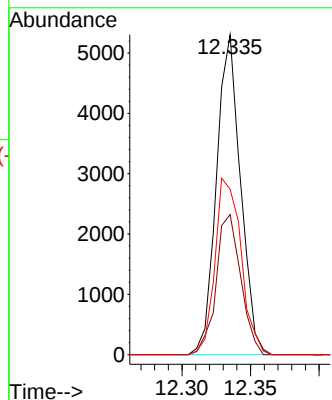
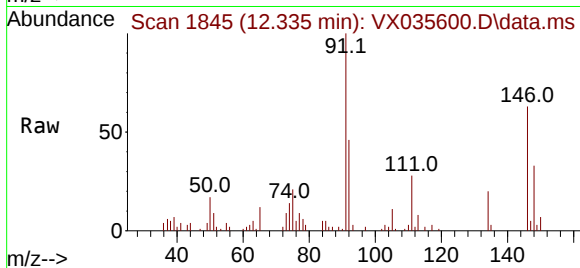
Tgt Ion:146 Resp: 6463

Ion Ratio Lower Upper

146 100

111 45.0 22.0 66.0

148 59.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.026 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

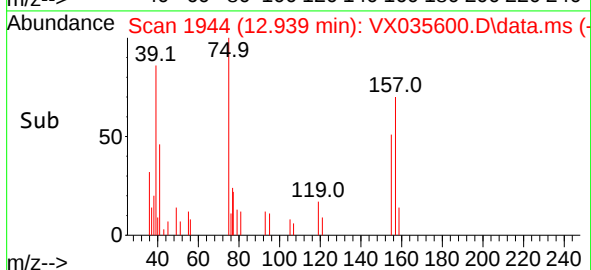
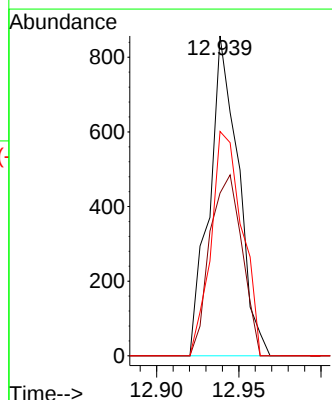
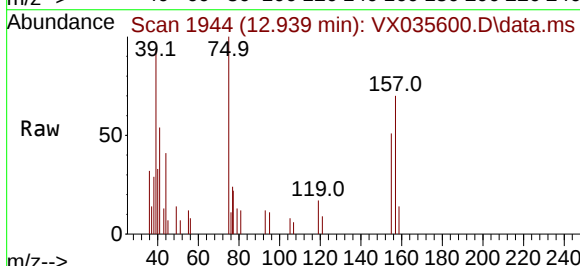
Tgt Ion: 75 Resp: 1047

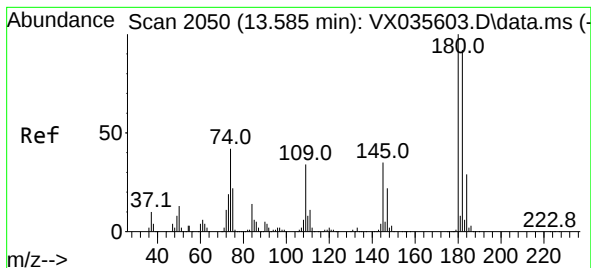
Ion Ratio Lower Upper

75 100

155 63.2 38.4 115.1

157 75.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 1.001 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

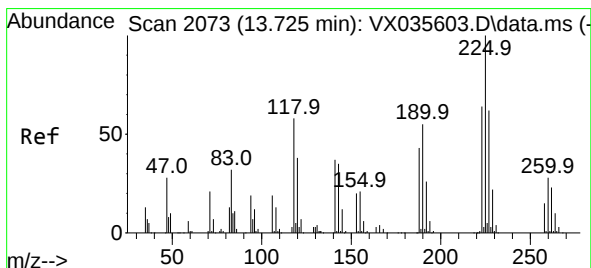
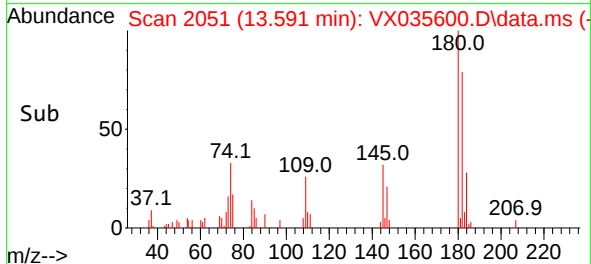
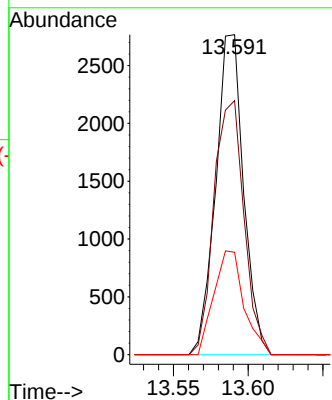
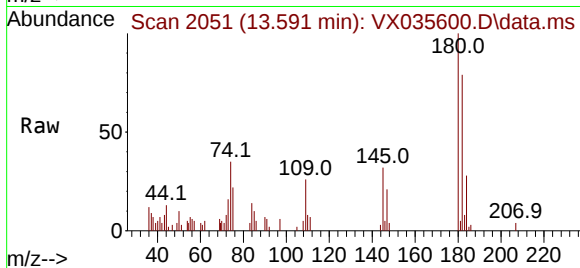
Tgt Ion:180 Resp: 3596

Ion Ratio Lower Upper

180 100

182 85.4 47.0 141.0

145 35.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.049 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

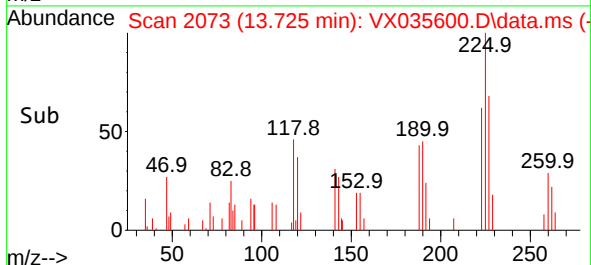
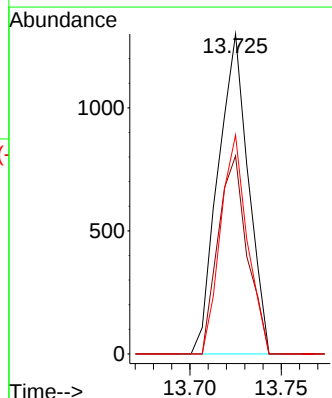
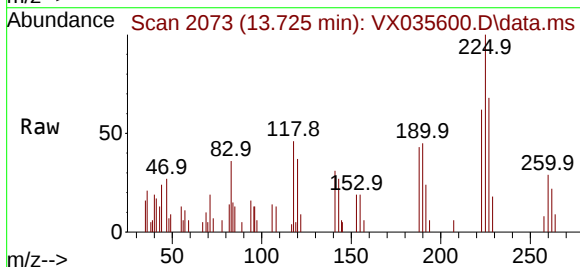
Tgt Ion:225 Resp: 1496

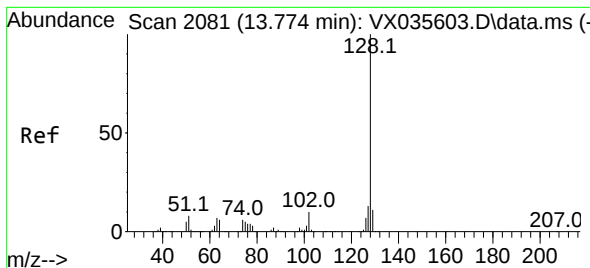
Ion Ratio Lower Upper

225 100

223 59.6 32.1 96.5

227 60.6 31.8 95.4





#95

Naphthalene

Concen: 0.986 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

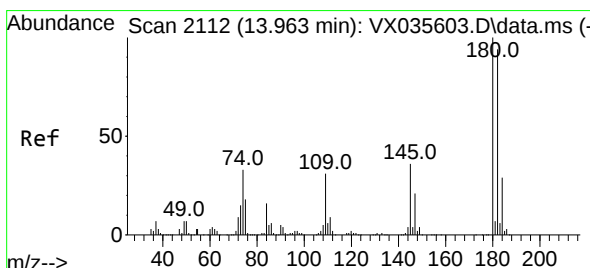
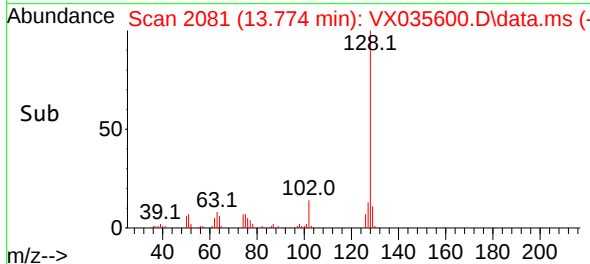
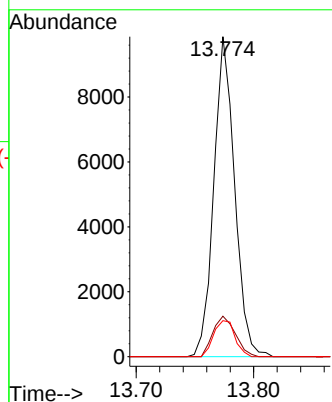
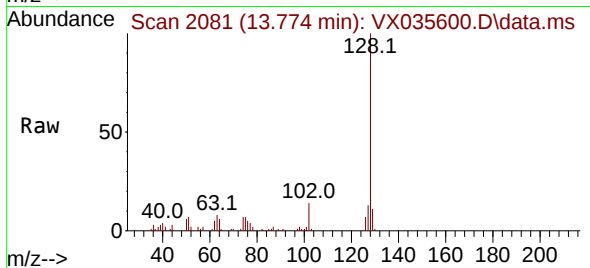
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	128	Resp:	12131
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.6	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.036 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035600.D

Acq: 11 May 2023 10:38

Tgt Ion:	180	Resp:	3660
Ion	Ratio	Lower	Upper
180	100		
182	87.9	48.0	144.2
145	38.8	17.7	53.1

