

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040412.D
 Acq On : 22 Feb 2024 21:56
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 23 06:40:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11871	8.903	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	17.800%#
35) Dibromofluoromethane	5.385	113	8593	8.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	17.760%#
50) Toluene-d8	8.653	98	30007	8.580	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	17.160%#
62) 4-Bromofluorobenzene	11.079	95	11303	8.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	16.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10982	11.128	ug/l	95
3) Chloromethane	1.294	50	11115	9.963	ug/l	99
4) Vinyl Chloride	1.374	62	11708	10.522	ug/l	94
5) Bromomethane	1.611	94	8302	12.682	ug/l	98
6) Chloroethane	1.685	64	6622	9.874	ug/l	89
7) Trichlorofluoromethane	1.886	101	17912	10.090	ug/l	98
8) Diethyl Ether	2.130	74	6338	9.994	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	8939	9.529	ug/l	97
10) Methyl Iodide	2.453	142	10482	9.603	ug/l	96
11) Tert butyl alcohol	2.953	59	12118	47.017	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	9252	10.226	ug/l	95
13) Acrolein	2.233	56	15142	49.104	ug/l	99
14) Allyl chloride	2.666	41	16671	9.977	ug/l	94
15) Acrylonitrile	3.062	53	31285	51.774	ug/l	99
16) Acetone	2.380	43	27791	50.023	ug/l	98
17) Carbon Disulfide	2.508	76	24303	9.770	ug/l	99
18) Methyl Acetate	2.703	43	15276	10.615	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	31277	9.695	ug/l	99
20) Methylene Chloride	2.788	84	11184	9.614	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	9540	9.345	ug/l	94
22) Diisopropyl ether	3.757	45	33394	10.110	ug/l	91
23) Vinyl Acetate	3.721	43	145328	48.212	ug/l	99
24) 1,1-Dichloroethane	3.605	63	19128	10.015	ug/l	98
25) 2-Butanone	4.556	43	44062	50.871	ug/l	100
26) 2,2-Dichloropropane	4.477	77	11485	9.212	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	10947	9.622	ug/l	98
28) Bromochloromethane	4.891	49	8069	9.057	ug/l	97
29) Tetrahydrofuran	5.001	42	30041	52.102	ug/l	97
30) Chloroform	5.093	83	20169	9.798	ug/l	94
31) Cyclohexane	5.471	56	15779	9.871	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	16217	9.516	ug/l	95
36) 1,1-Dichloropropene	5.690	75	15113	10.086	ug/l	97
37) Ethyl Acetate	4.715	43	16864	9.851	ug/l	96
38) Carbon Tetrachloride	5.672	117	13587	9.801	ug/l	90
39) Methylcyclohexane	7.379	83	15537	9.784	ug/l	98
40) Benzene	6.037	78	41187	10.104	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9273	10.201	ug/l	96
42) 1,2-Dichloroethane	6.092	62	16612	9.806	ug/l	100
43) Isopropyl Acetate	6.342	43	26175	9.965	ug/l	98
44) Trichloroethene	7.129	130	11055	10.370	ug/l	90
45) 1,2-Dichloropropane	7.428	63	11190	10.286	ug/l	97
46) Dibromomethane	7.586	93	8146	9.981	ug/l	98
47) Bromodichloromethane	7.824	83	14614	9.621	ug/l	99
48) Methyl methacrylate	7.690	41	12923	9.934	ug/l	95
49) 1,4-Dioxane	7.653	88	5202	198.392	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	90826	50.910	ug/l	95
52) Toluene	8.720	92	25667	10.275	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	13814	9.021	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	15888	9.739	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	10845	10.139	ug/l	91
56) Ethyl methacrylate	9.116	69	15376	9.408	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	18562	9.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	37903	46.252	ug/l	94
59) 2-Hexanone	9.427	43	68499	49.784	ug/l	98
60) Dibromochloromethane	9.519	129	10002	9.325	ug/l	100
61) 1,2-Dibromoethane	9.610	107	11305	9.833	ug/l	100
64) Tetrachloroethene	9.275	164	9935	10.054	ug/l	96
65) Chlorobenzene	10.079	112	27029	9.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9272	9.751	ug/l	96
67) Ethyl Benzene	10.195	91	50646	9.930	ug/l	97
68) m/p-Xylenes	10.299	106	36719	19.743	ug/l	95
69) o-Xylene	10.640	106	17849	9.709	ug/l	94
70) Styrene	10.659	104	29486	9.730	ug/l	99
71) Bromoform	10.799	173	6811	8.860	ug/l #	99
73) Isopropylbenzene	10.963	105	48220	10.330	ug/l	99
74) N-amyl acetate	10.842	43	20157	9.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	17486	10.478	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	17733	12.088	ug/l	91
77) Bromobenzene	11.201	156	11377	9.974	ug/l	97
78) n-propylbenzene	11.305	91	58719	10.183	ug/l	95
79) 2-Chlorotoluene	11.366	91	34763	10.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	41890	10.563	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	3338	7.917	ug/l	85
82) 4-Chlorotoluene	11.457	91	40641	10.077	ug/l	99
83) tert-Butylbenzene	11.713	119	36280	9.705	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	39126	9.778	ug/l	97
85) sec-Butylbenzene	11.890	105	50860	10.220	ug/l	97
86) p-Isopropyltoluene	12.012	119	41038	10.321	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	21710	9.951	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	22422	9.914	ug/l	98
89) n-Butylbenzene	12.335	91	38516	9.845	ug/l	94
90) Hexachloroethane	12.536	117	5863	9.207	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	20416	9.677	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3876	10.185	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	13411	9.874	ug/l	96
94) Hexachlorobutadiene	13.725	225	4779	9.715	ug/l	98
95) Naphthalene	13.774	128	43114	9.892	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	13238	10.124	ug/l	98

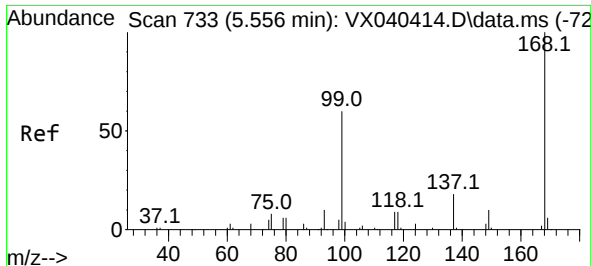
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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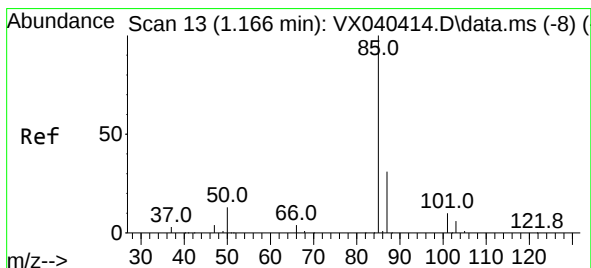
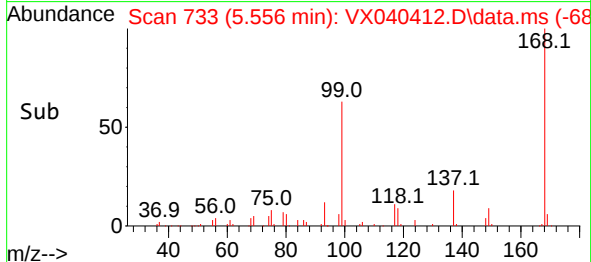
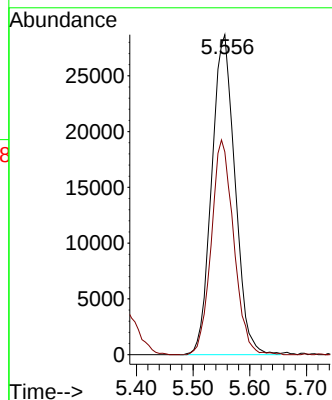
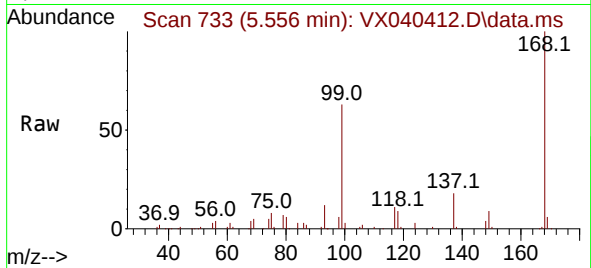
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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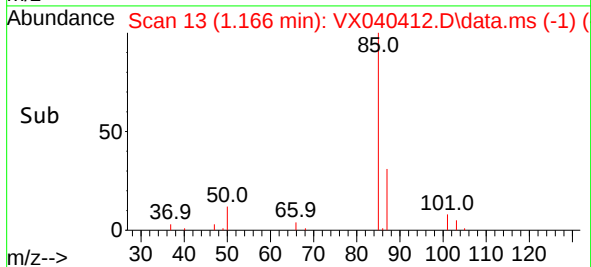
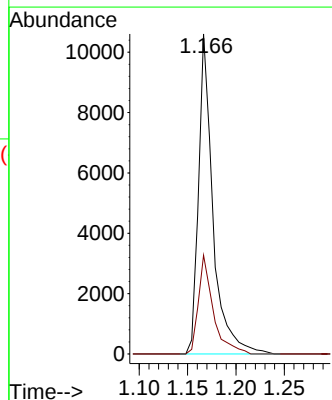
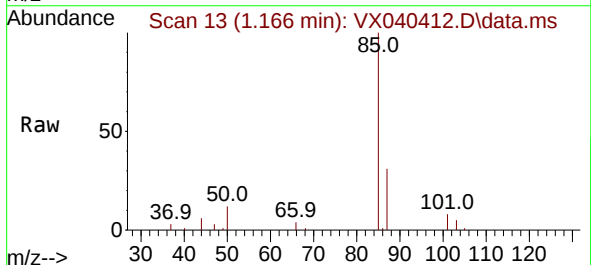
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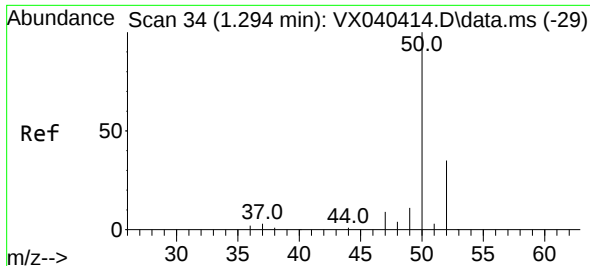
Tgt Ion:168 Resp: 81872
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 11.128 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 85 Resp: 10982
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1

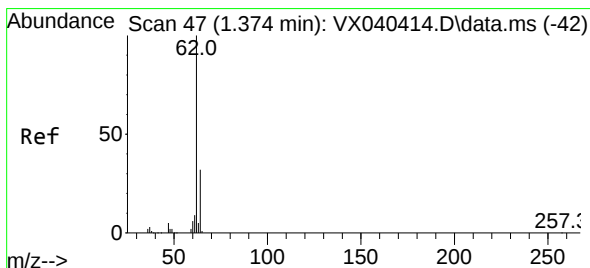
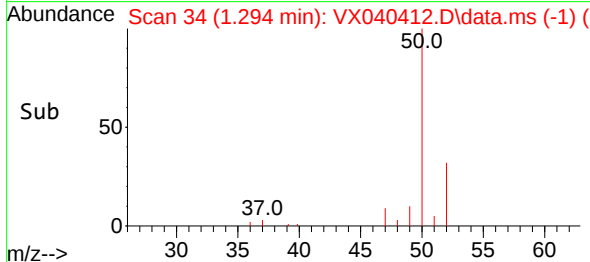
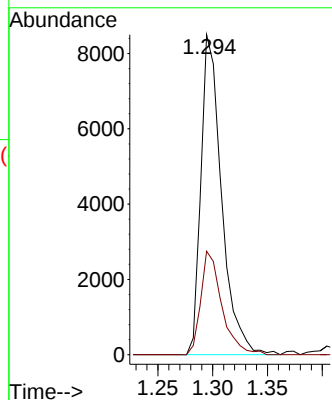
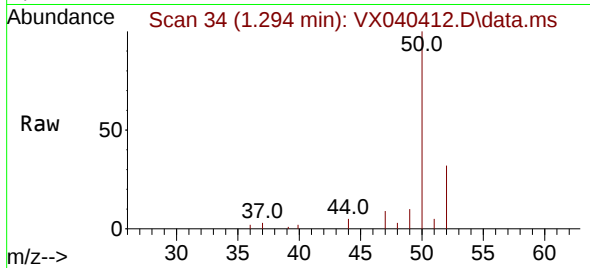




#3
Chloromethane
Concen: 9.963 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

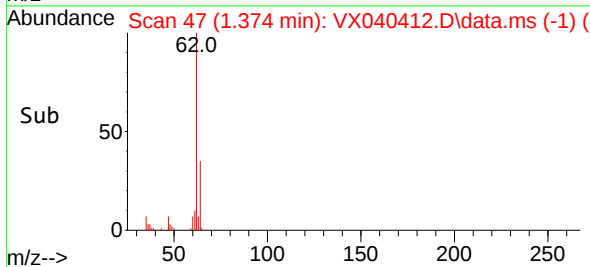
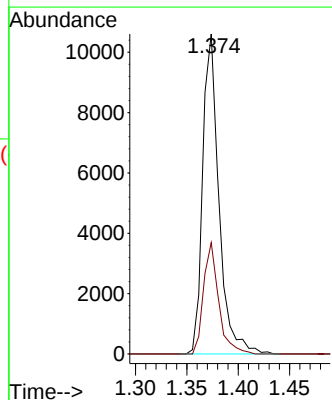
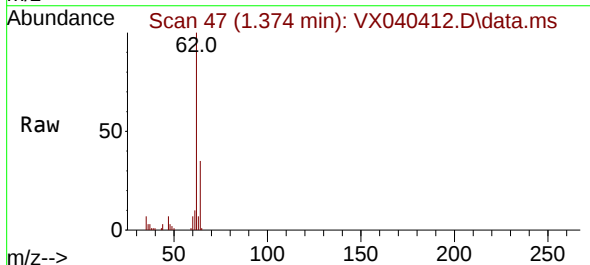
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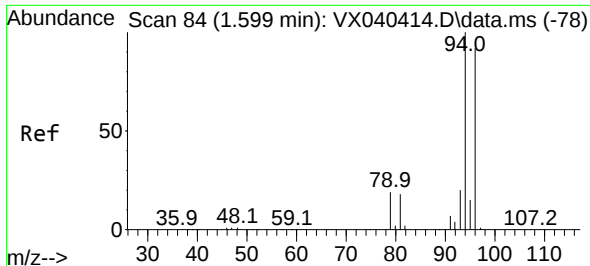
Tgt Ion: 50 Resp: 11115
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 10.522 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 62 Resp: 11708
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0

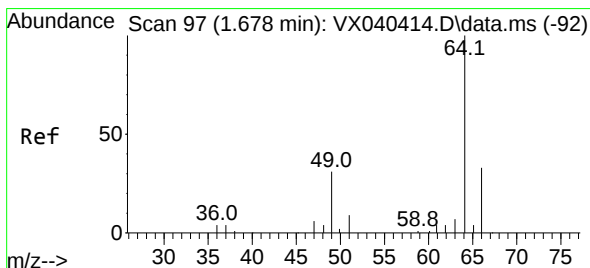
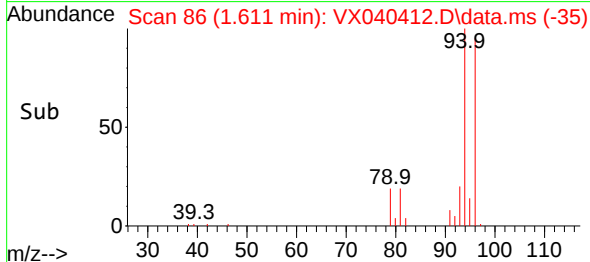
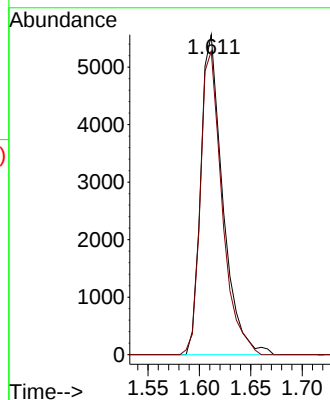
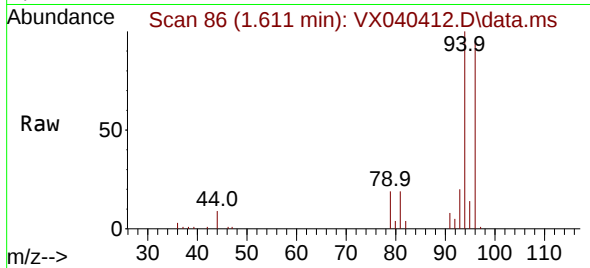




#5
Bromomethane
Concen: 12.682 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

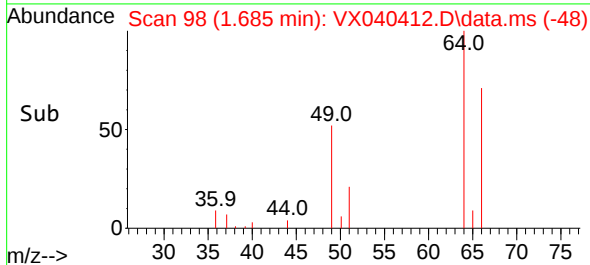
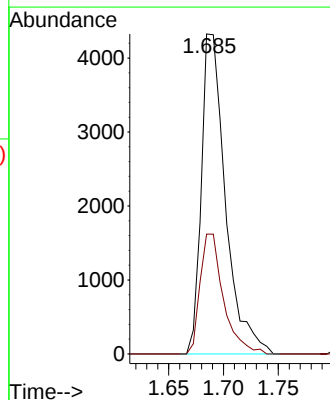
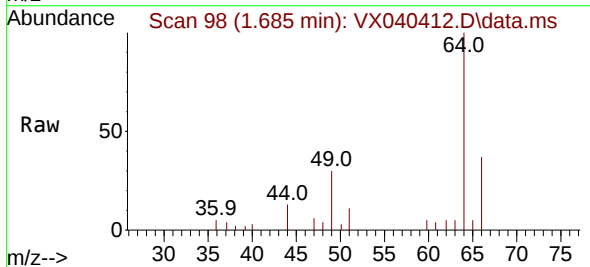
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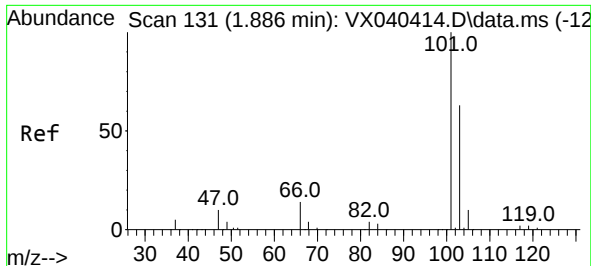
Tgt Ion: 94 Resp: 8302
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8



#6
Chloroethane
Concen: 9.874 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 64 Resp: 6622
Ion Ratio Lower Upper
64 100
66 37.5 25.1 37.7

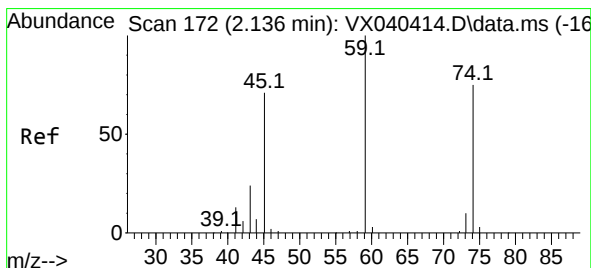
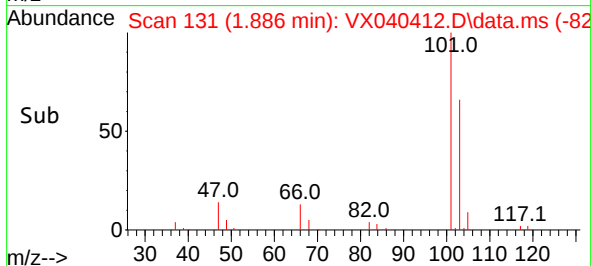
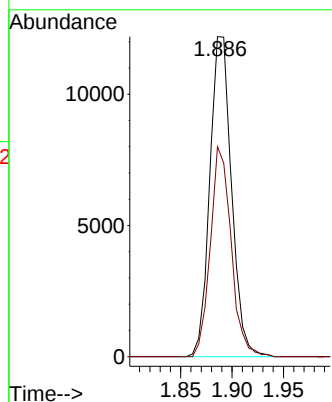
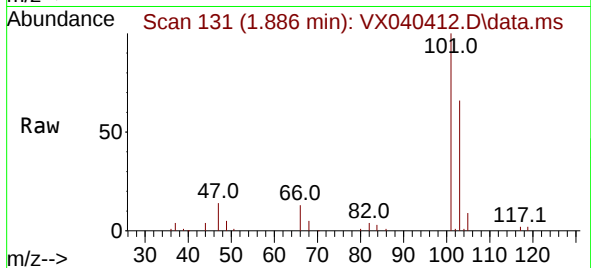




#7
Trichlorofluoromethane
Concen: 10.090 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

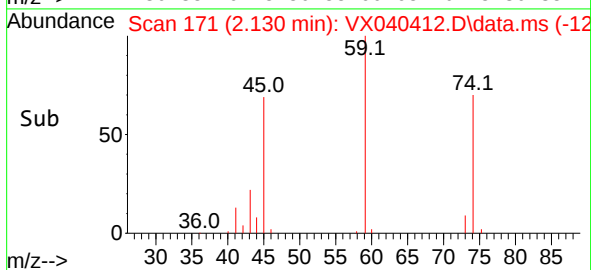
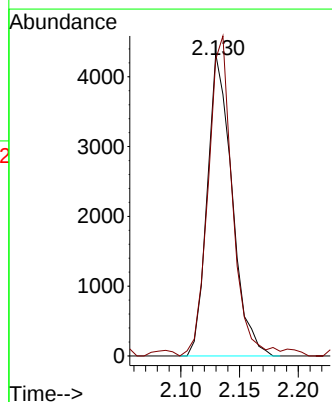
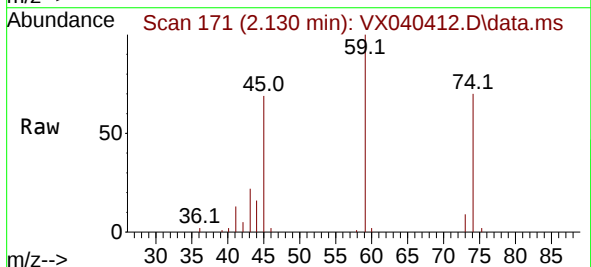
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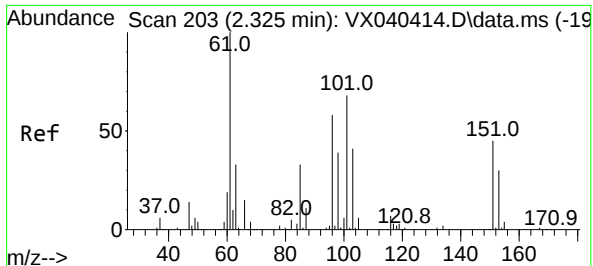
Tgt Ion:101 Resp: 17912
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2



#8
Diethyl Ether
Concen: 9.994 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 74 Resp: 6338
Ion Ratio Lower Upper
74 100
45 105.2 53.3 159.8

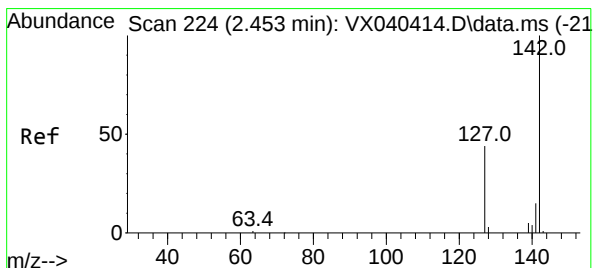
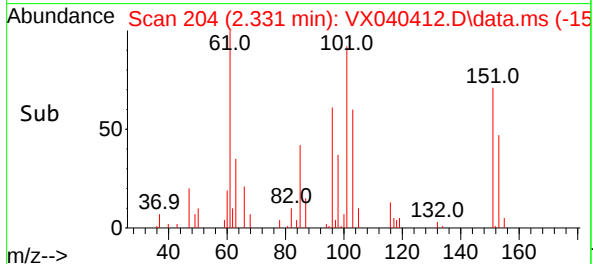
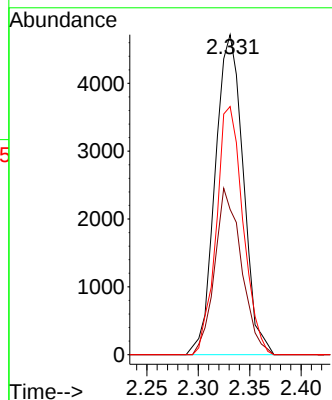
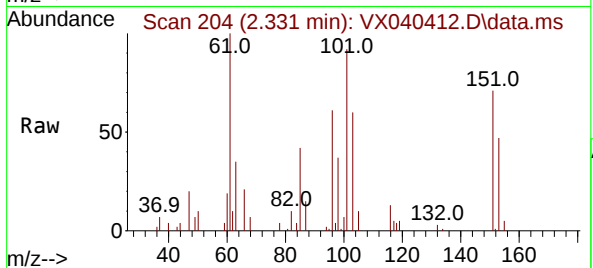




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.529 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040412.D
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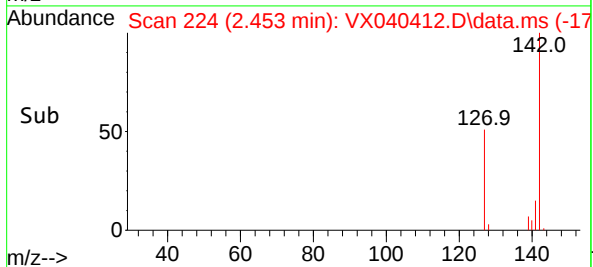
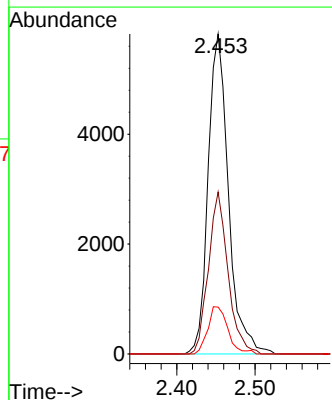
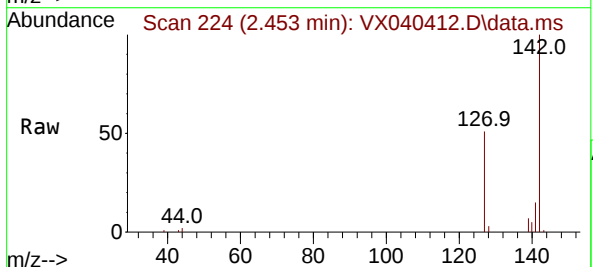
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

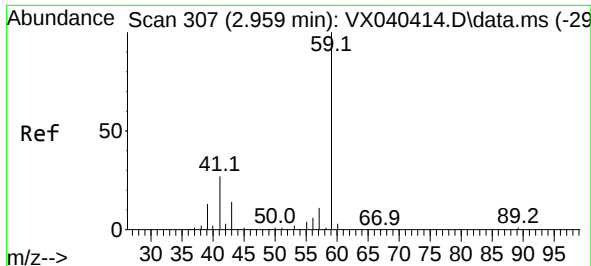
Tgt Ion:101 Resp: 8939
Ion Ratio Lower Upper
101 100
85 49.5 37.0 55.6
151 74.0 58.6 87.8



#10
Methyl Iodide
Concen: 9.603 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:142 Resp: 10482
Ion Ratio Lower Upper
142 100
127 48.9 41.6 62.4
141 14.7 11.6 17.4

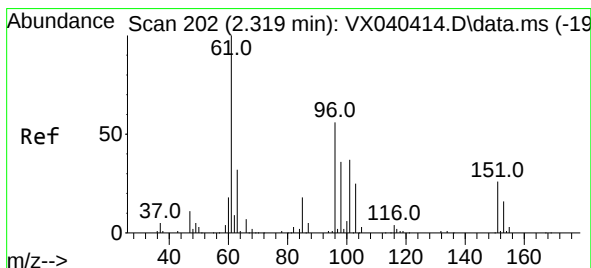
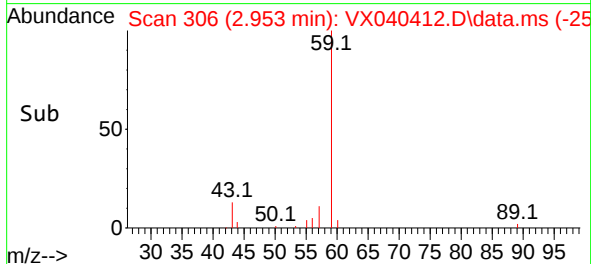
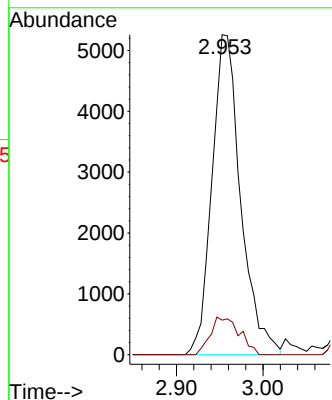
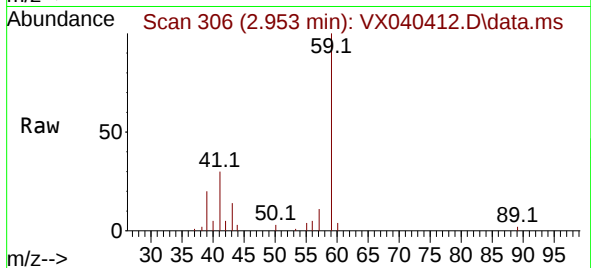




#11
Tert butyl alcohol
Concen: 47.017 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

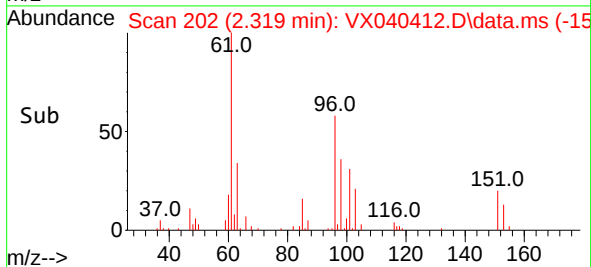
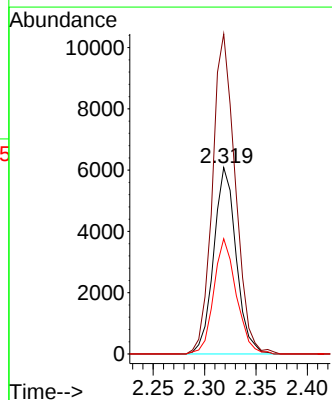
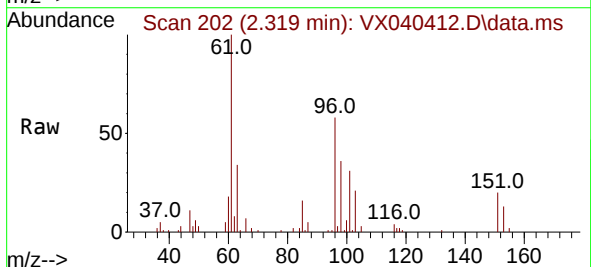
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

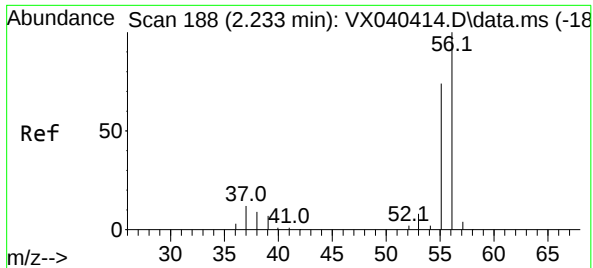
Tgt Ion: 59 Resp: 12118
Ion Ratio Lower Upper
59 100
57 11.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 10.226 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 96 Resp: 9252
Ion Ratio Lower Upper
96 100
61 171.6 144.6 216.8
98 61.8 50.4 75.6

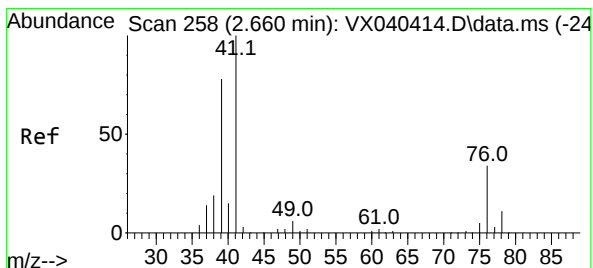
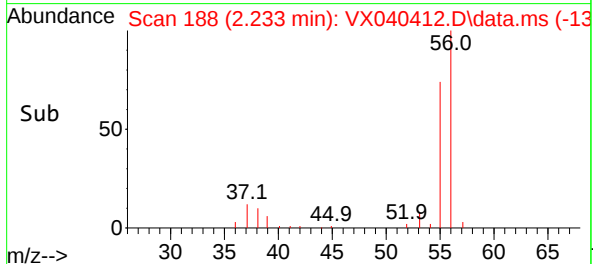
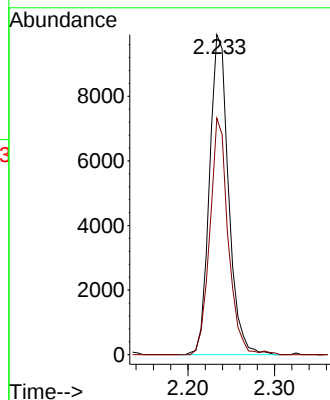
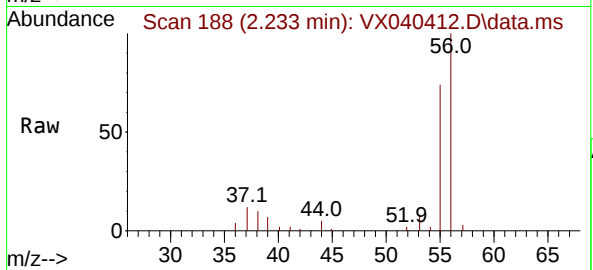




#13
Acrolein
Concen: 49.104 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

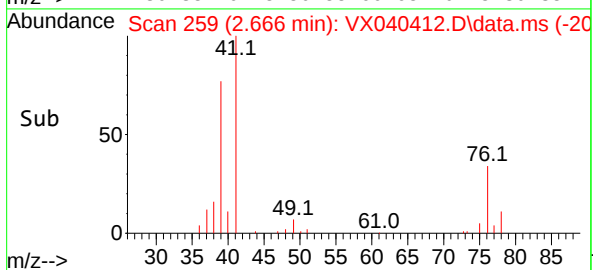
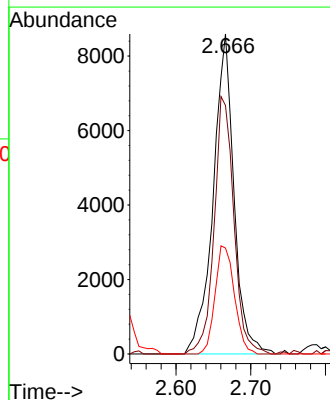
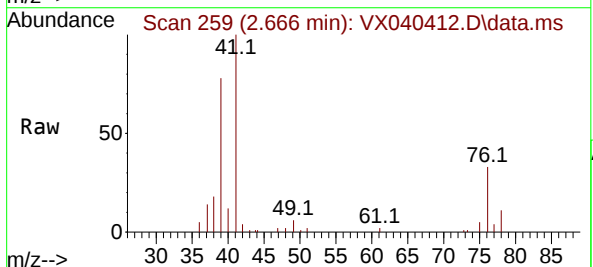
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

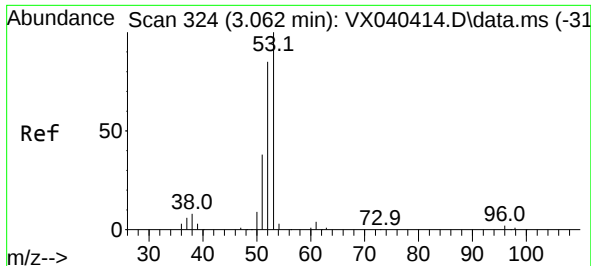
Tgt Ion: 56 Resp: 15142
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 9.977 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 41 Resp: 16671
Ion Ratio Lower Upper
41 100
39 75.8 55.8 83.6
76 31.3 24.3 36.5

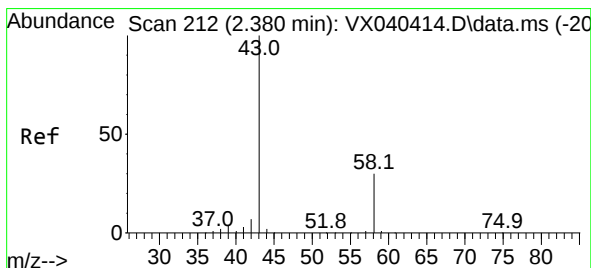
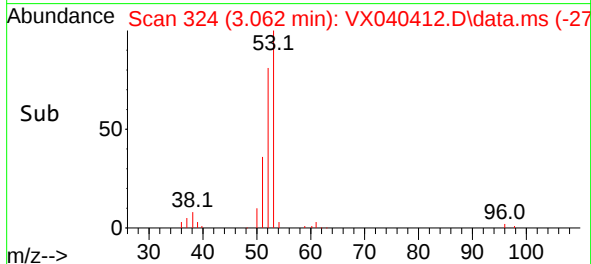
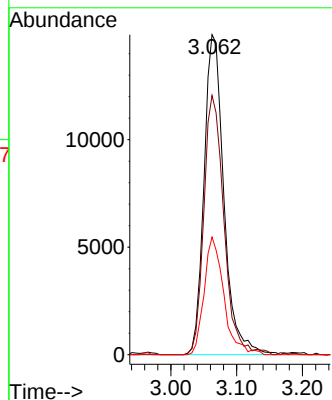
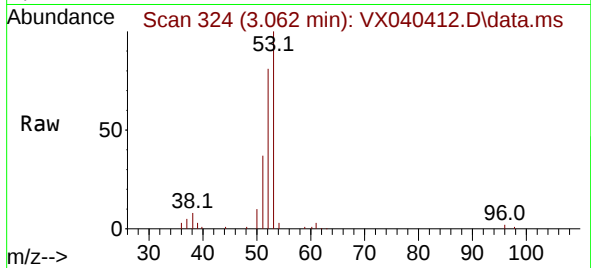




#15
Acrylonitrile
Concen: 51.774 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

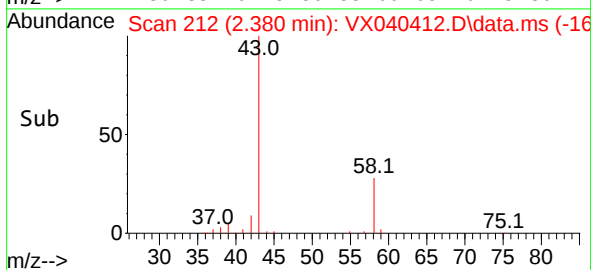
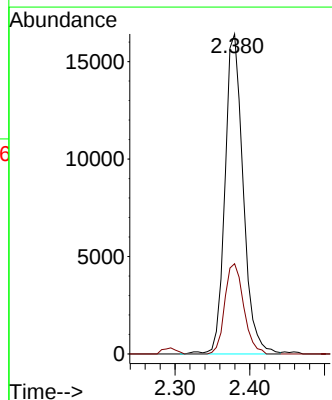
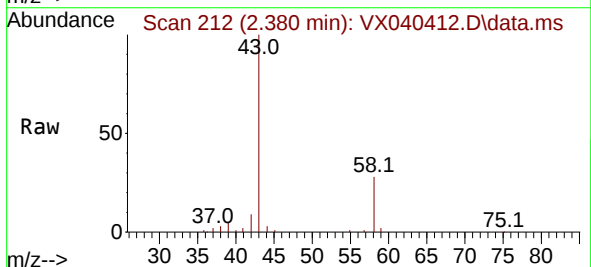
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

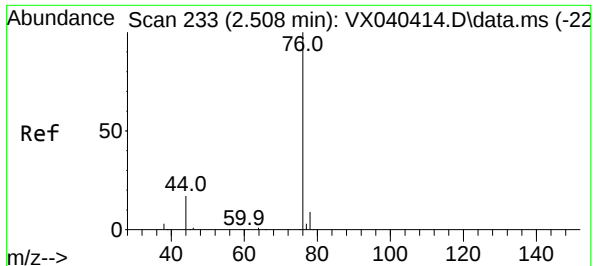
Tgt Ion:	53	Resp:	31285
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	36.5	29.8	44.6



#16
Acetone
Concen: 50.023 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:	43	Resp:	27791
Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.9	32.9





#17

Carbon Disulfide

Concen: 9.770 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

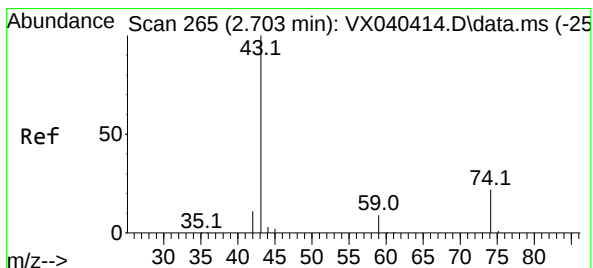
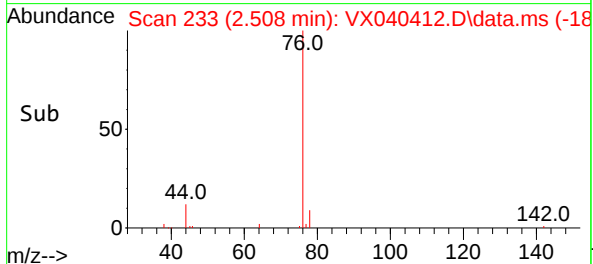
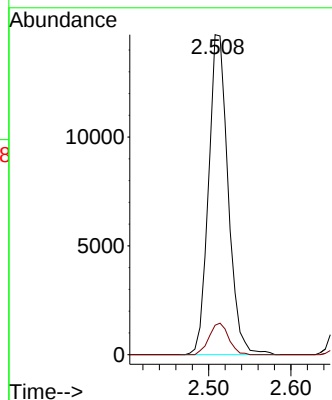
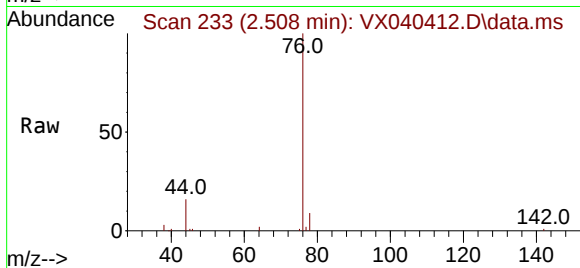
VSTDIC010

Tgt Ion: 76 Resp: 24303

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 10.615 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040412.D

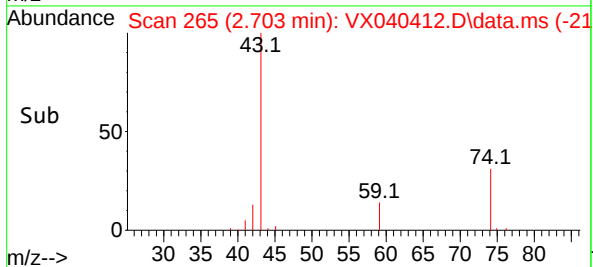
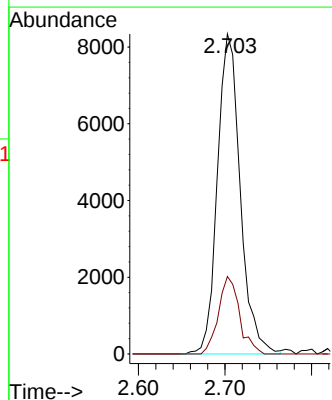
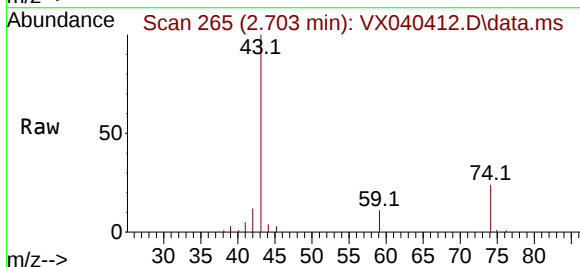
Acq: 22 Feb 2024 21:56

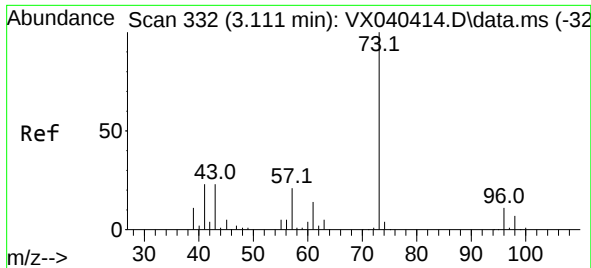
Tgt Ion: 43 Resp: 15276

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8

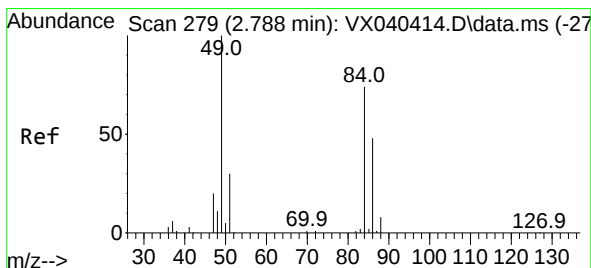
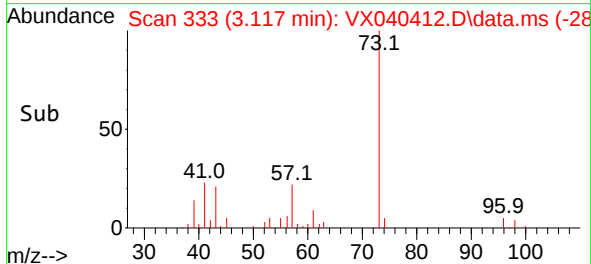
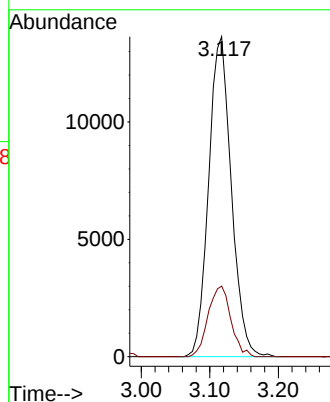
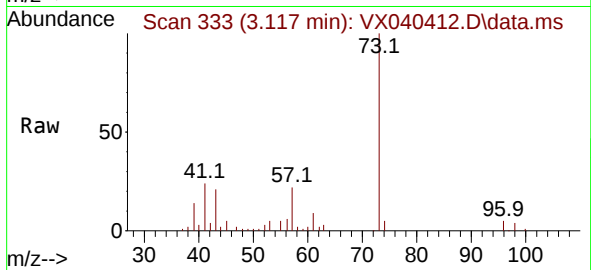




#19
Methyl tert-butyl Ether
Concen: 9.695 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

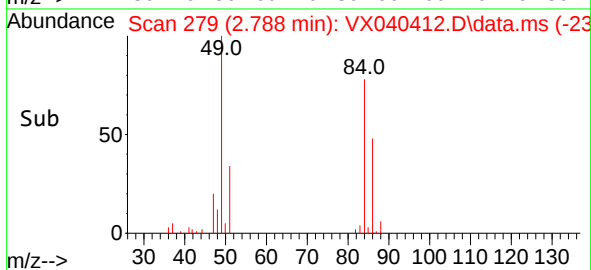
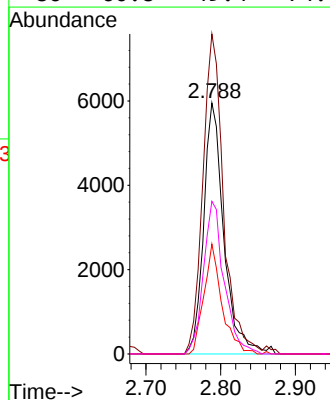
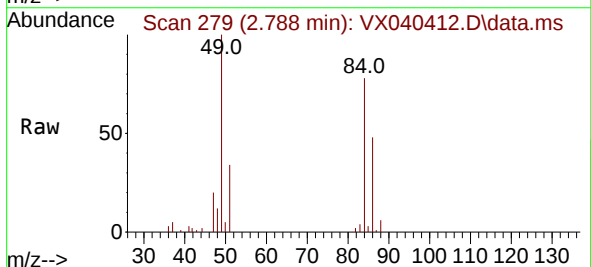
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

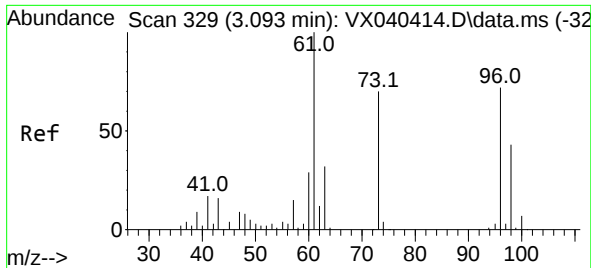
Tgt Ion: 73 Resp: 31277
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 9.614 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 84 Resp: 11184
Ion Ratio Lower Upper
84 100
49 127.4 103.6 155.4
51 43.8 33.8 50.6
86 60.8 49.4 74.0

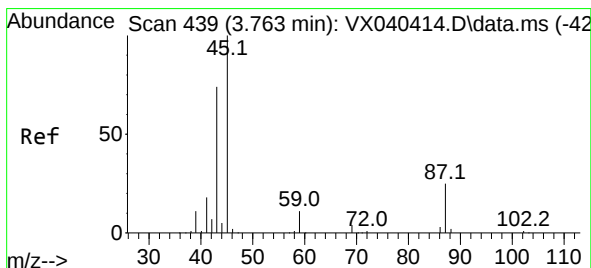
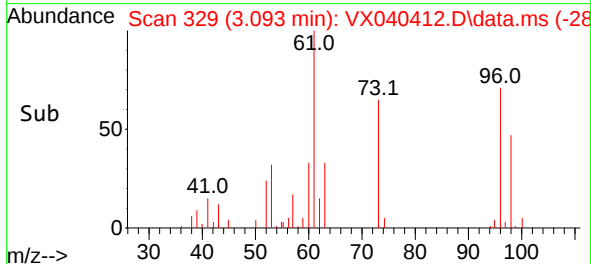
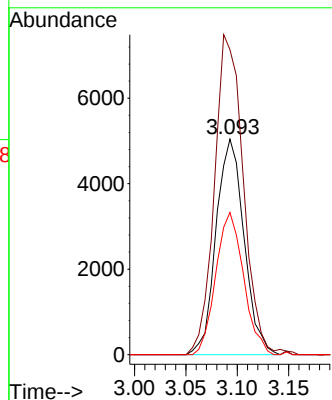
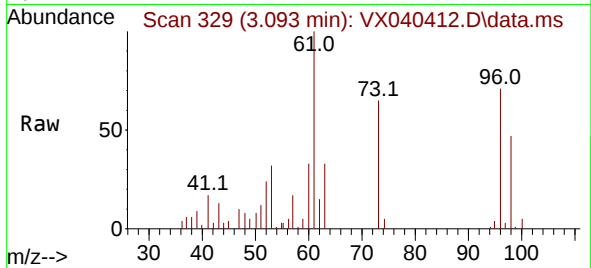




#21
trans-1,2-Dichloroethene
Concen: 9.345 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

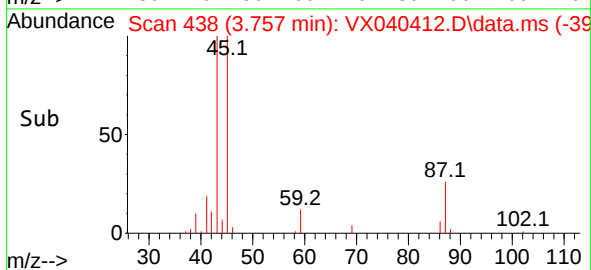
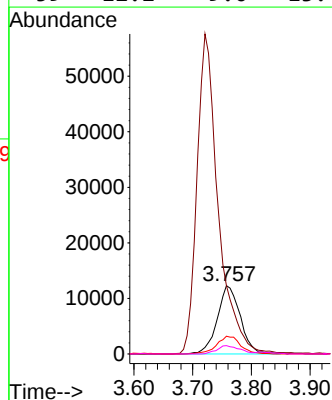
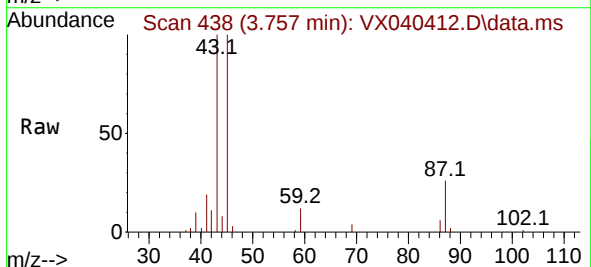
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

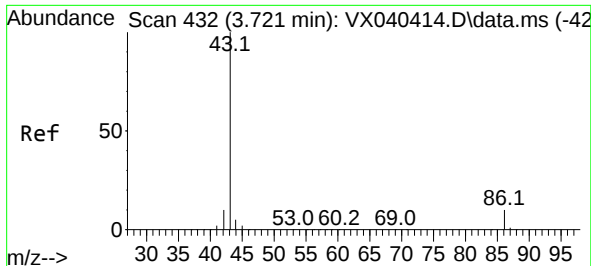
Tgt Ion: 96 Resp: 9540
Ion Ratio Lower Upper
96 100
61 141.6 119.2 178.8
98 66.0 48.7 73.1



#22
Diisopropyl ether
Concen: 10.110 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 45 Resp: 33394
Ion Ratio Lower Upper
45 100
43 99.1 69.7 104.5
87 26.0 20.8 31.2
59 12.2 9.0 13.4

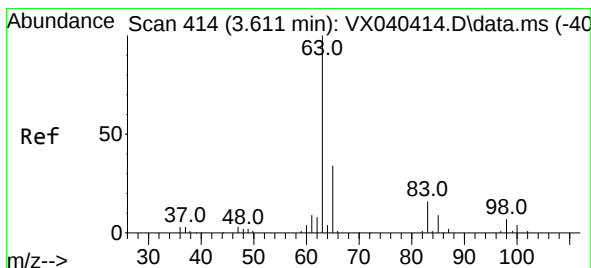
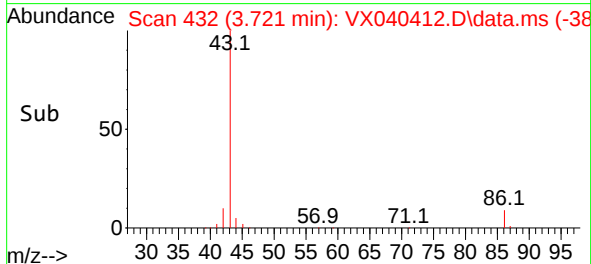
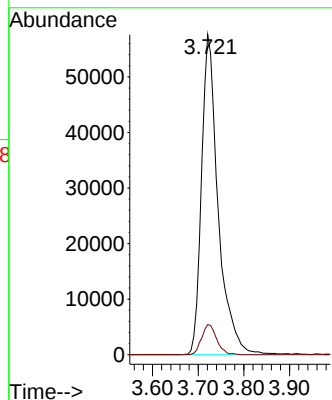
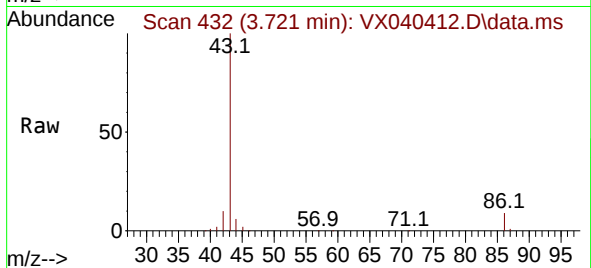




#23
 Vinyl Acetate
 Concen: 48.212 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040412.D
 Acq: 22 Feb 2024 21:56

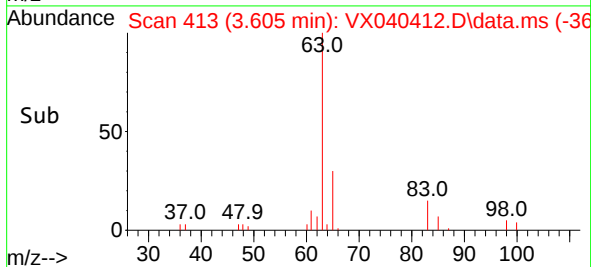
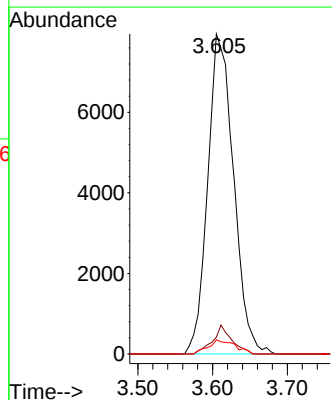
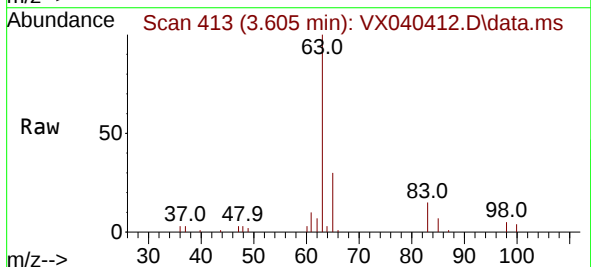
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

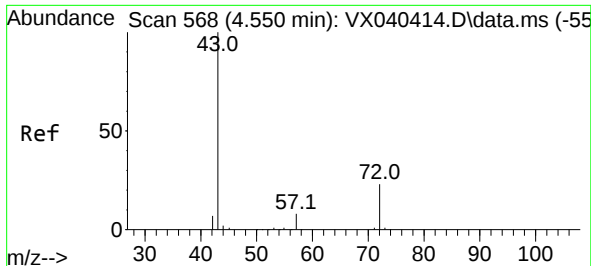
Tgt Ion: 43 Resp: 145328
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.015 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040412.D
 Acq: 22 Feb 2024 21:56

Tgt Ion: 63 Resp: 19128
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 50.871 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

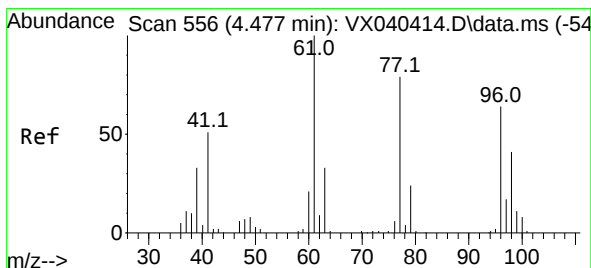
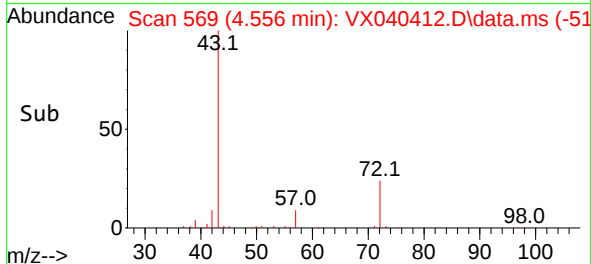
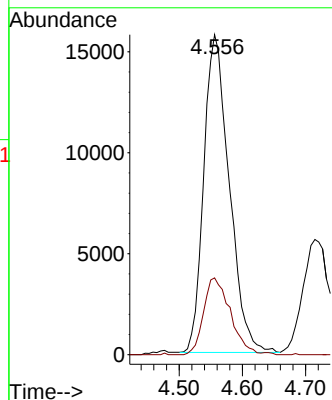
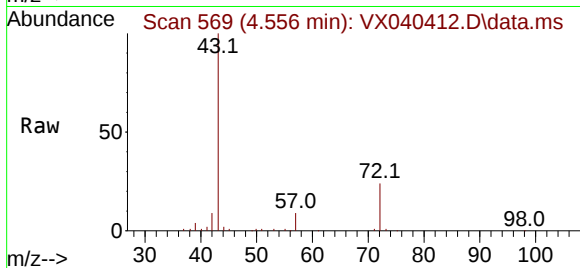
VSTDIC010

Tgt Ion: 43 Resp: 44062

Ion Ratio Lower Upper

43 100

72 24.2 19.4 29.2



#26

2,2-Dichloropropane

Concen: 9.212 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX040412.D

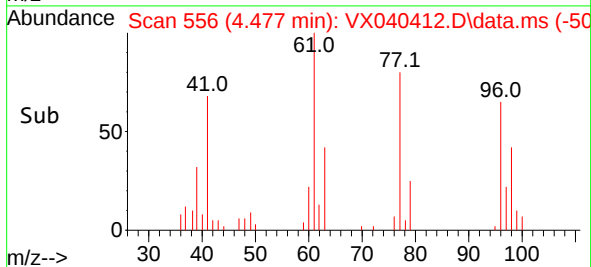
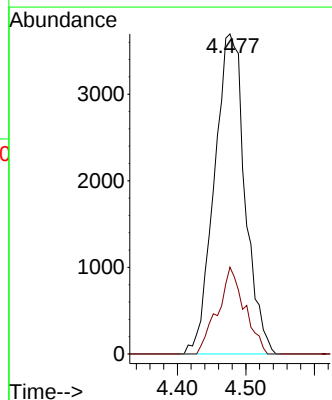
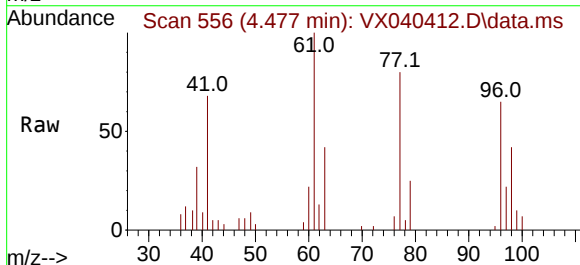
Acq: 22 Feb 2024 21:56

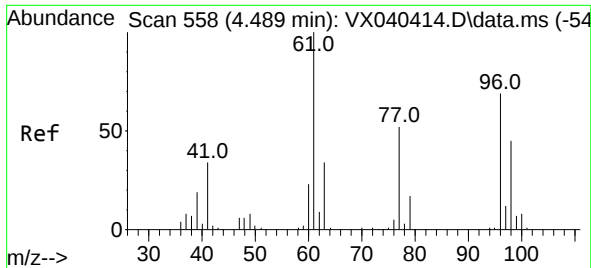
Tgt Ion: 77 Resp: 11485

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3



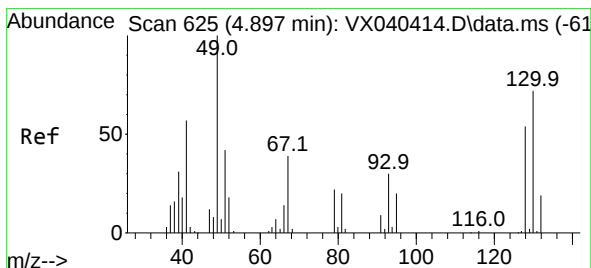
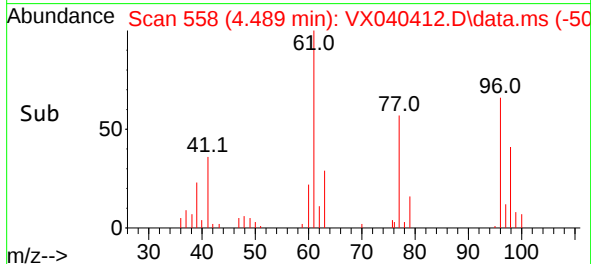
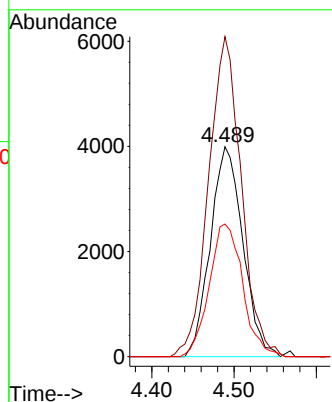
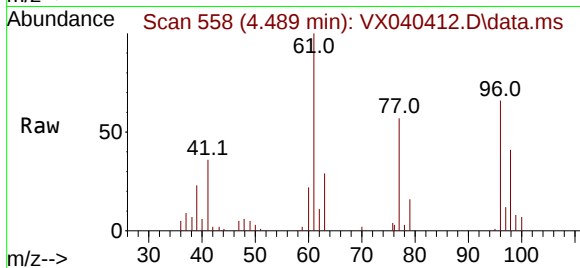


#27
 cis-1,2-Dichloroethene
 Concen: 9.622 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX040412.D
 Acq: 22 Feb 2024 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 10947

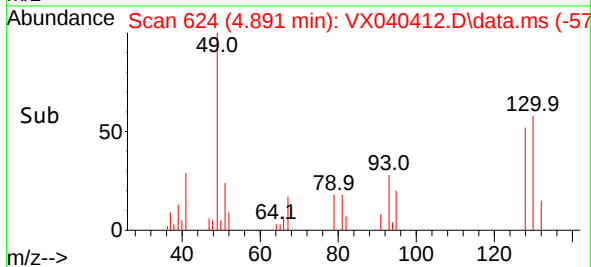
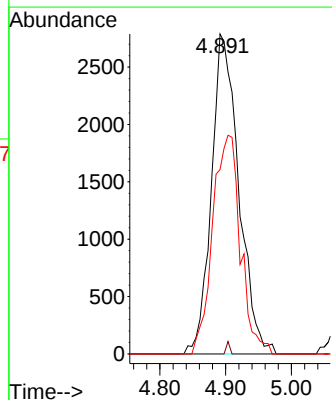
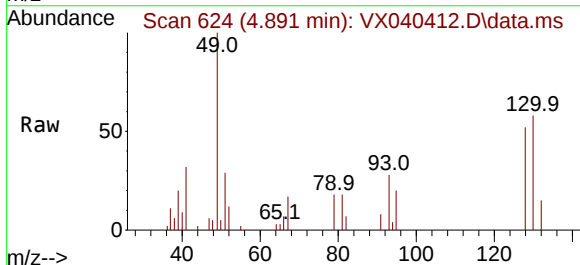
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	312.2
98	65.2	0.0	129.0

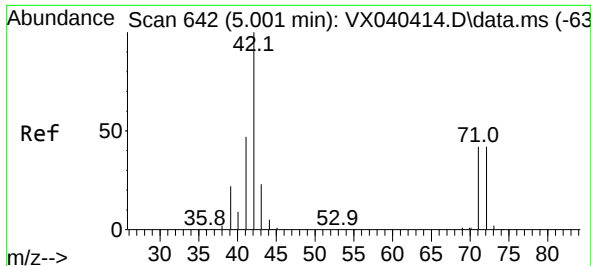


#28
 Bromochloromethane
 Concen: 9.057 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX040412.D
 Acq: 22 Feb 2024 21:56

Tgt Ion: 49 Resp: 8069

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.8
130	69.4	57.5	86.3

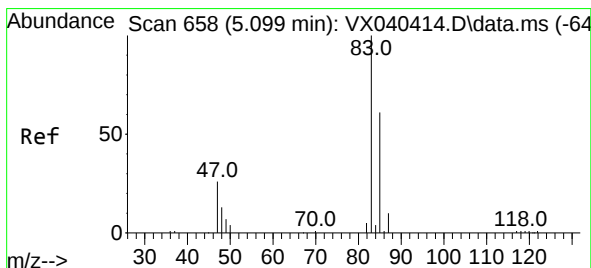
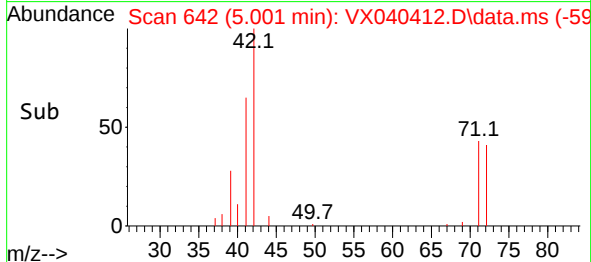
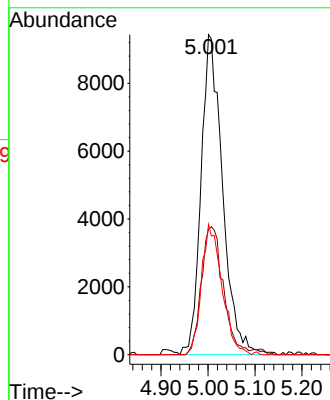
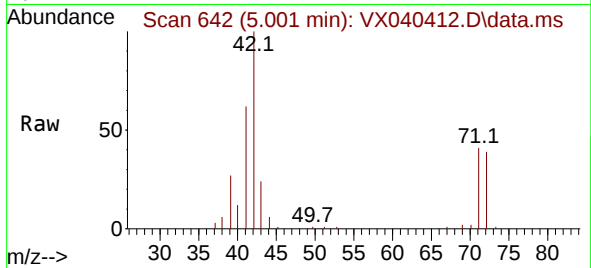




#29
Tetrahydrofuran
Concen: 52.102 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

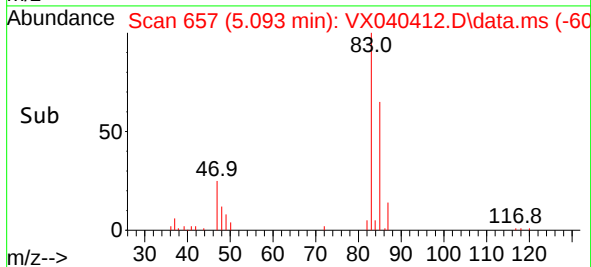
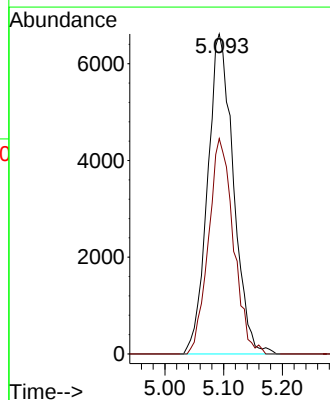
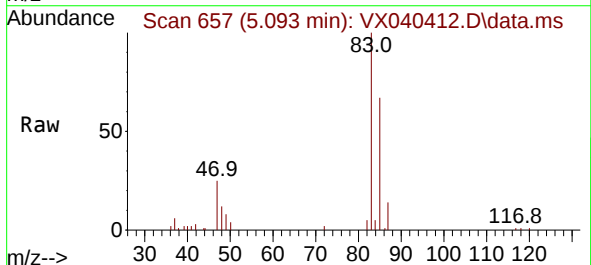
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

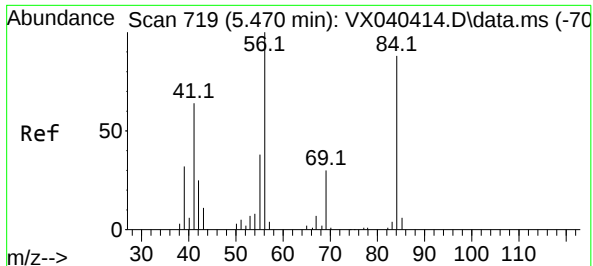
Tgt Ion:	42	Resp:	30041
Ion	Ratio	Lower	Upper
42	100		
72	40.8	34.2	51.4
71	38.5	32.2	48.2



#30
Chloroform
Concen: 9.798 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:	83	Resp:	20169
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.3	75.5

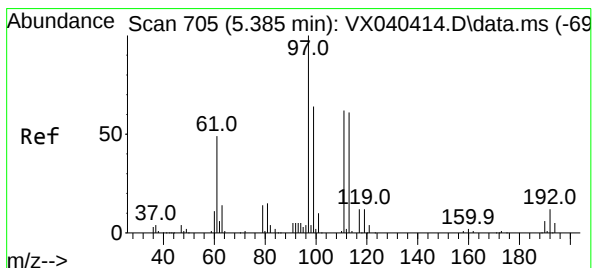
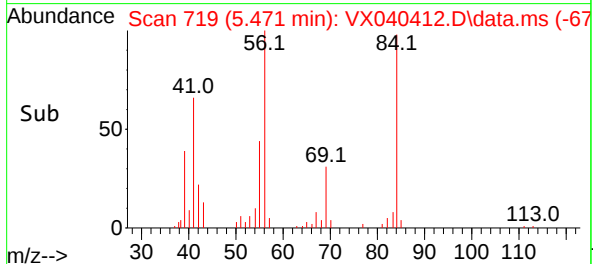
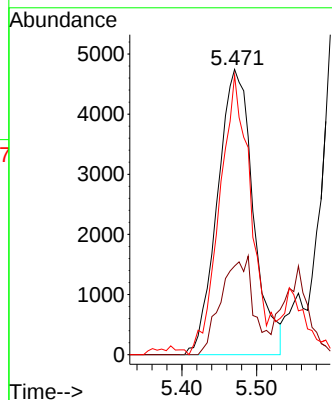
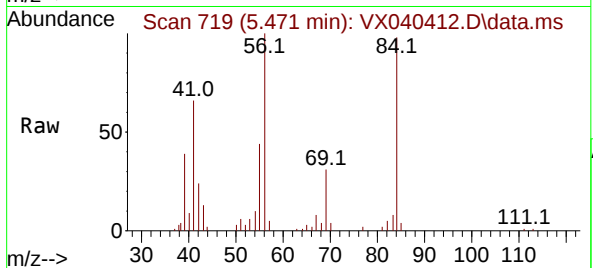




#31
Cyclohexane
Concen: 9.871 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

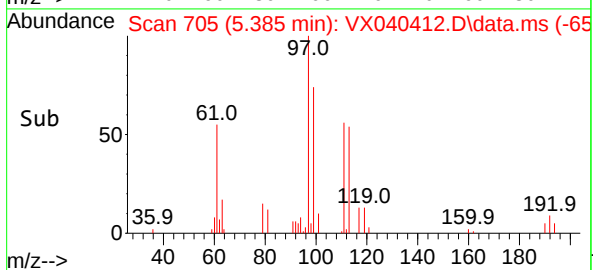
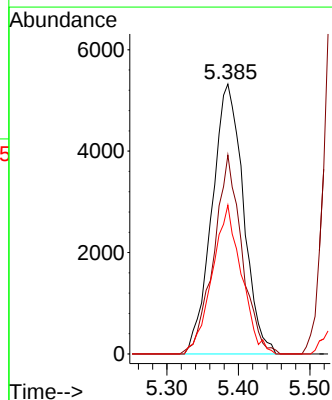
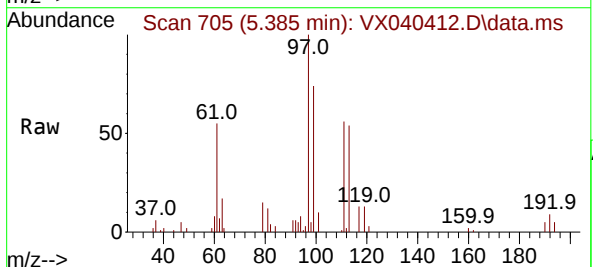
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

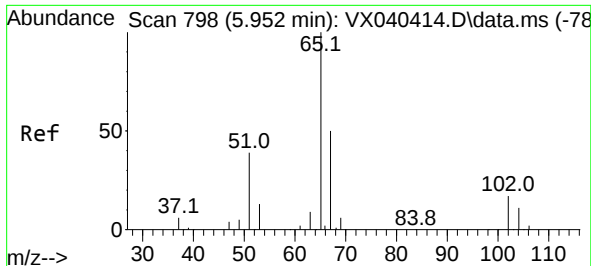
Tgt Ion: 56 Resp: 15779
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 96.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 9.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 97 Resp: 16217
Ion Ratio Lower Upper
97 100
99 66.1 51.1 76.7
61 51.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 8.903 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

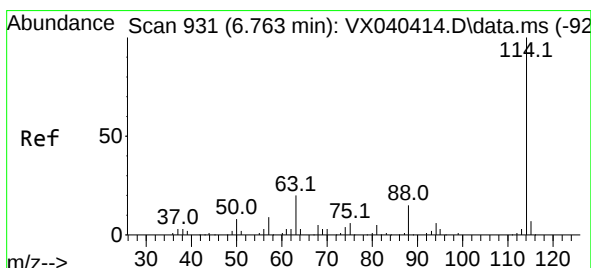
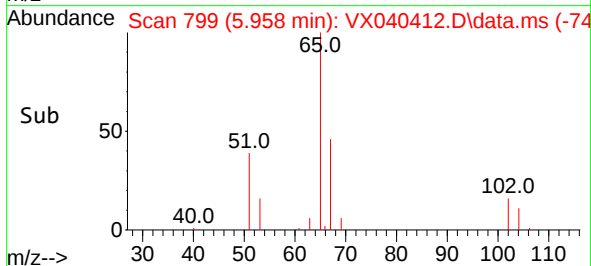
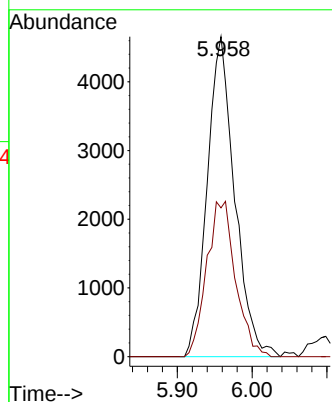
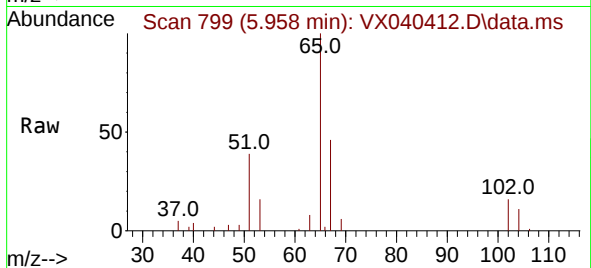
VSTDIC010

Tgt Ion: 65 Resp: 11871

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

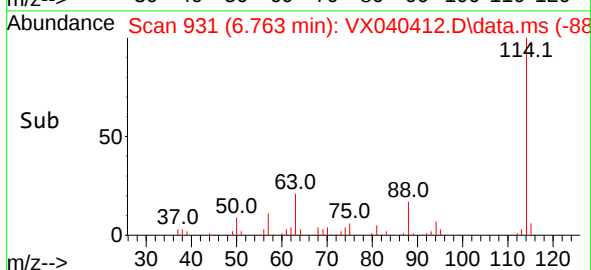
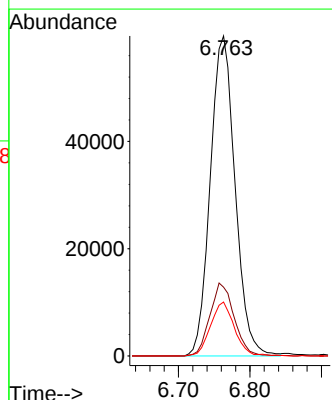
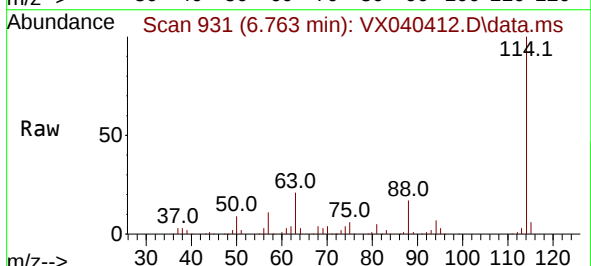
Tgt Ion: 114 Resp: 143675

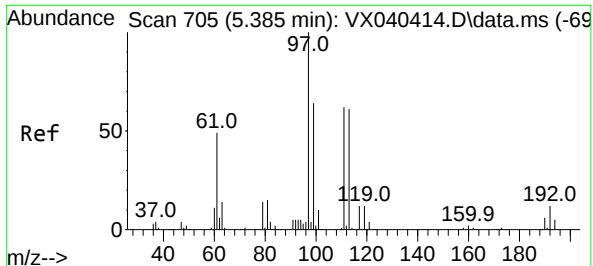
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 8.875 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

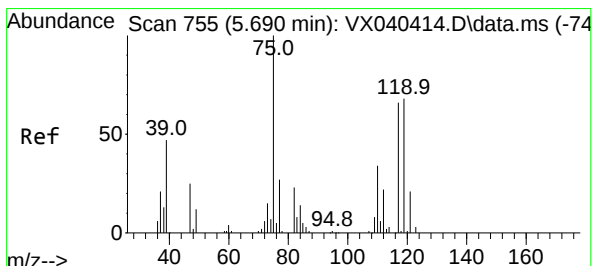
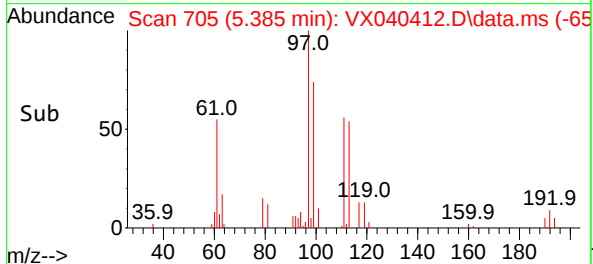
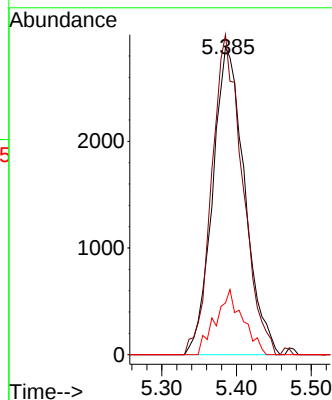
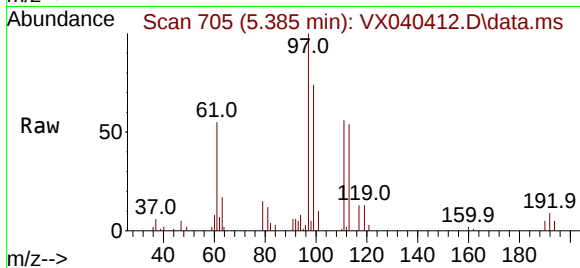
Tgt Ion:113 Resp: 8593

Ion Ratio Lower Upper

113 100

111 100.0 82.9 124.3

192 18.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 10.086 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

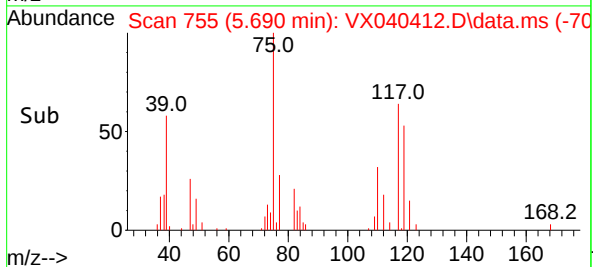
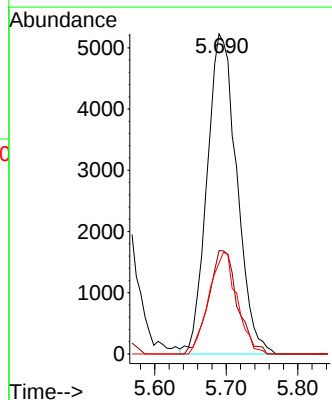
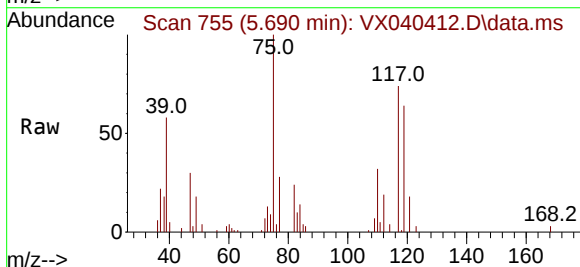
Tgt Ion: 75 Resp: 15113

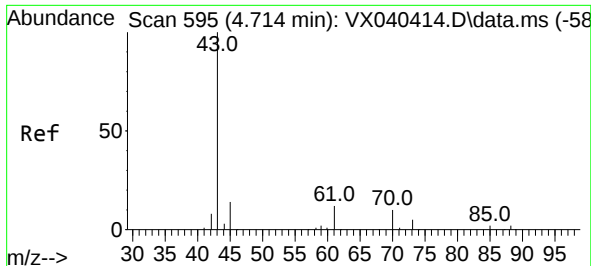
Ion Ratio Lower Upper

75 100

110 31.5 17.0 50.9

77 29.9 24.7 37.1

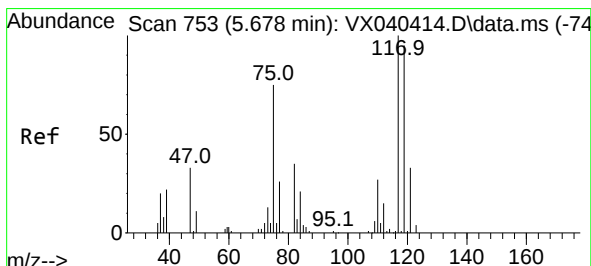
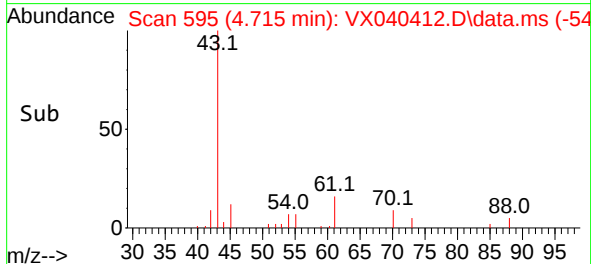
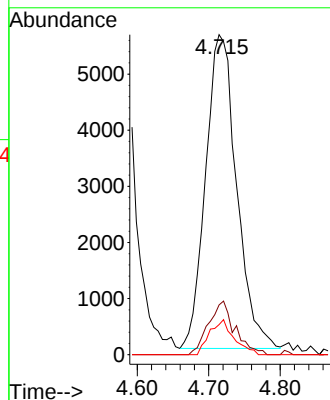
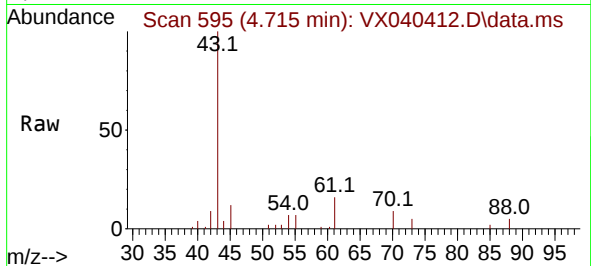




#37
Ethyl Acetate
Concen: 9.851 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

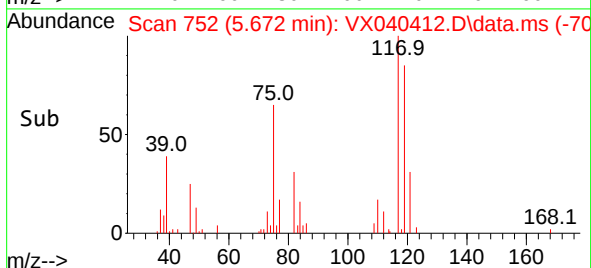
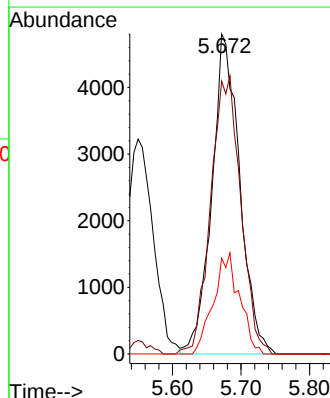
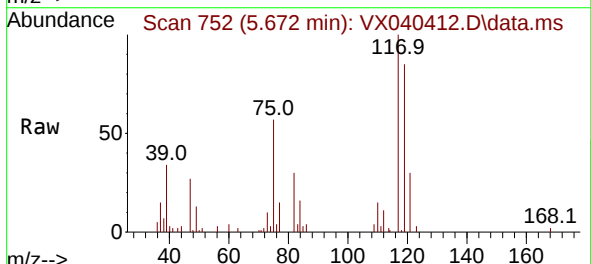
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

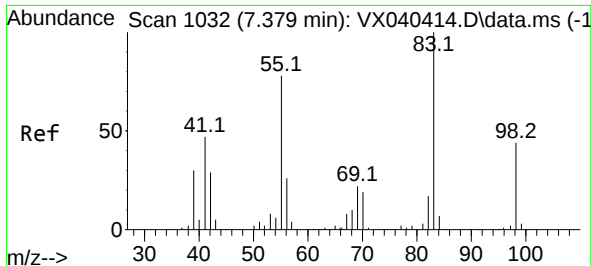
Tgt Ion: 43	Resp: 16864
Ion Ratio	Lower Upper
43 100	
61 14.5	10.6 16.0
70 8.7	8.3 12.5



#38
Carbon Tetrachloride
Concen: 9.801 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 117	Resp: 13587
Ion Ratio	Lower Upper
117 100	
119 85.3	78.2 117.2
121 29.9	24.4 36.6

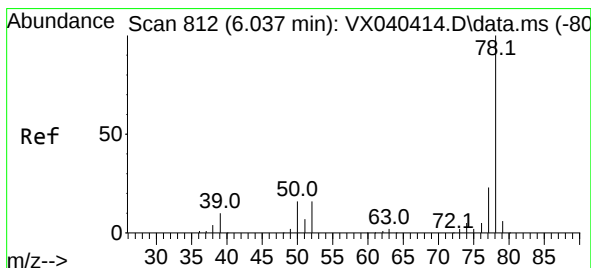
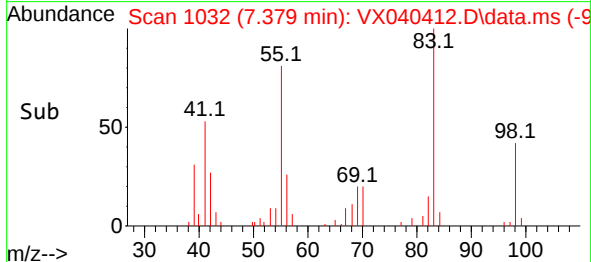
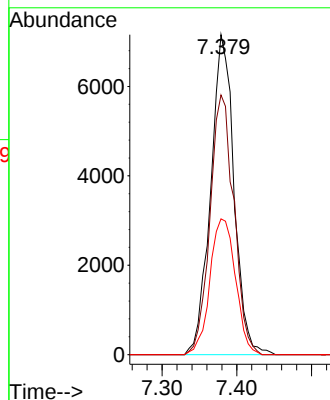
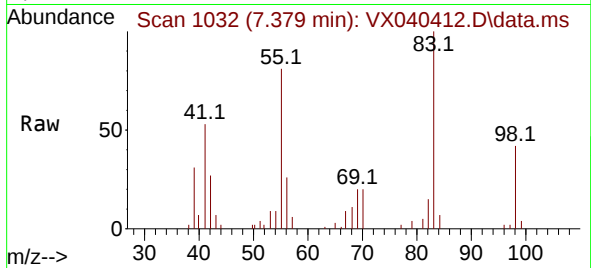




#39
Methylcyclohexane
Concen: 9.784 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

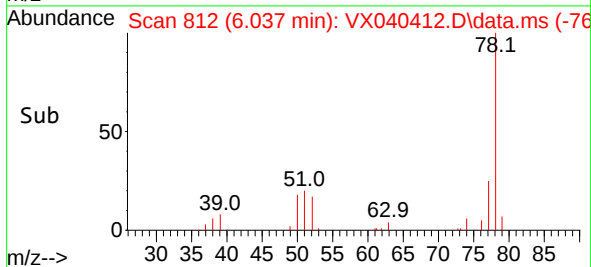
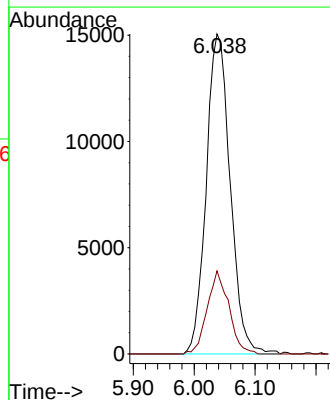
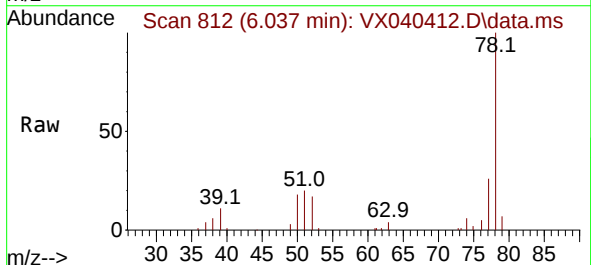
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

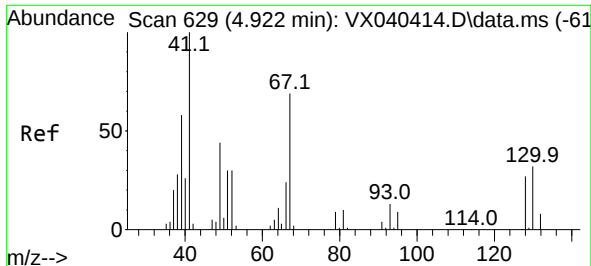
Tgt Ion: 83 Resp: 15537
Ion Ratio Lower Upper
83 100
55 81.1 64.6 97.0
98 42.5 36.7 55.1



#40
Benzene
Concen: 10.104 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 78 Resp: 41187
Ion Ratio Lower Upper
78 100
77 26.0 19.3 28.9



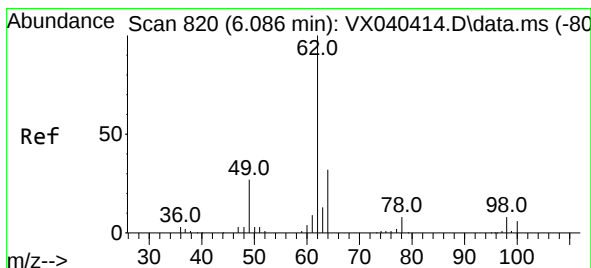
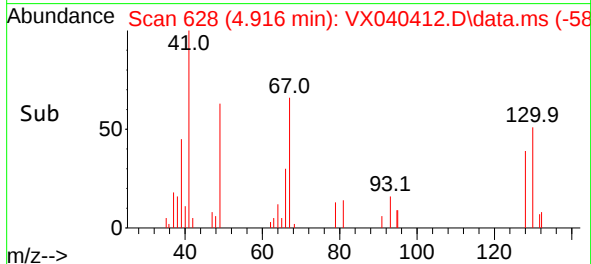
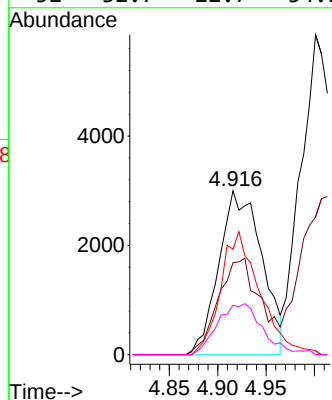
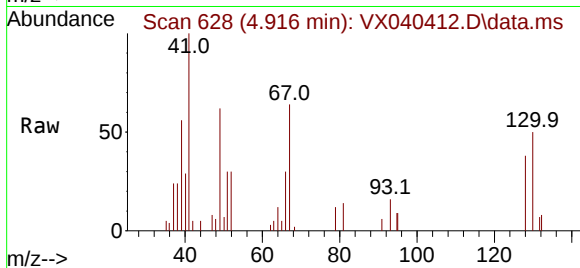


#41
Methacrylonitrile
Concen: 10.201 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 9273

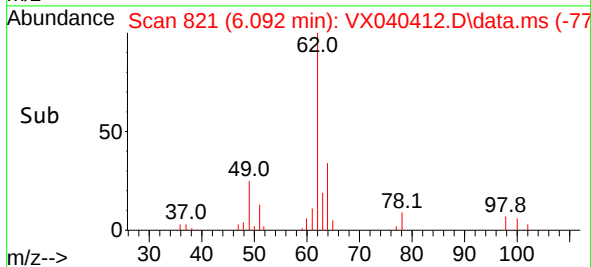
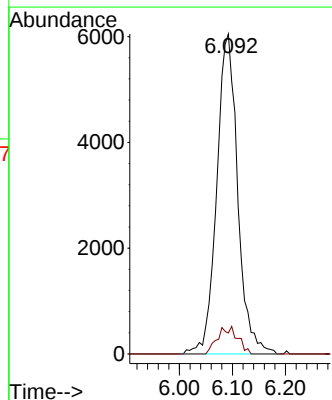
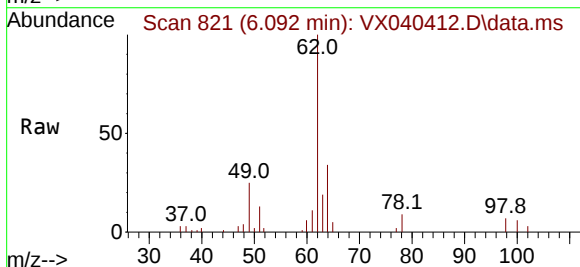
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.2	67.8
67	68.6	52.6	78.8
52	32.7	22.7	34.1

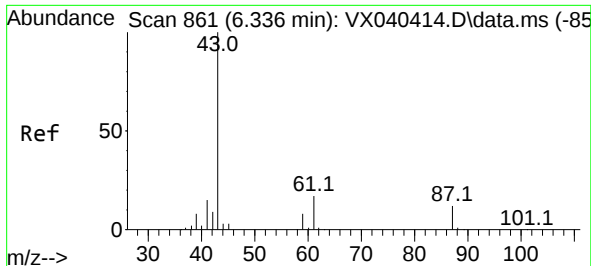


#42
1,2-Dichloroethane
Concen: 9.806 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 62 Resp: 16612

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0

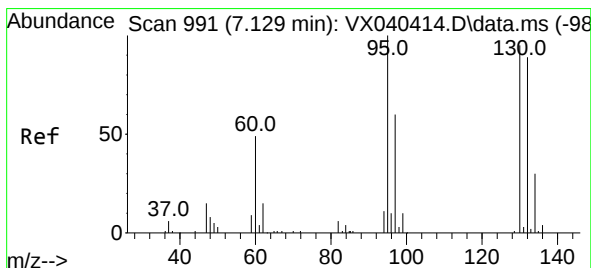
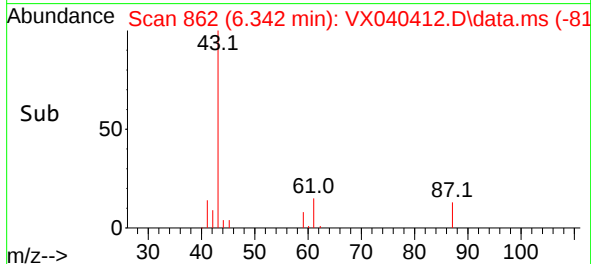
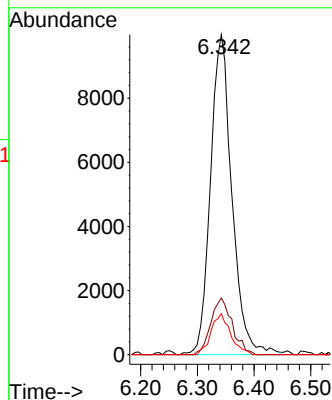
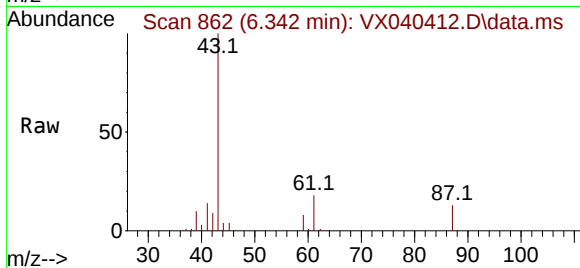




#43
Isopropyl Acetate
Concen: 9.965 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

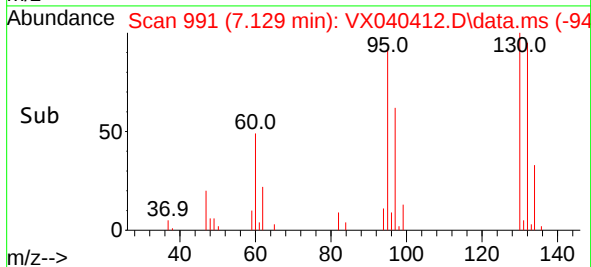
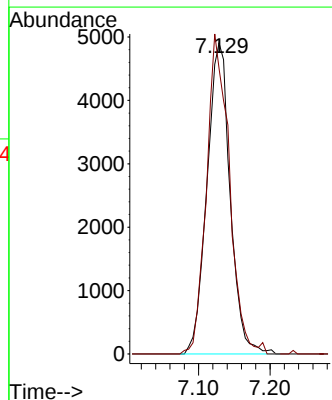
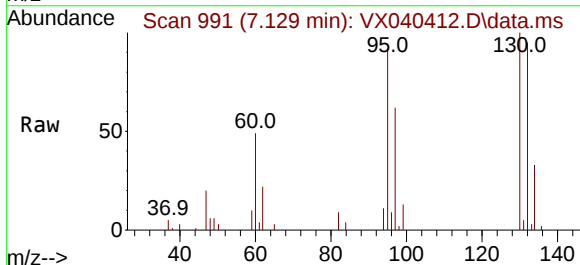
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

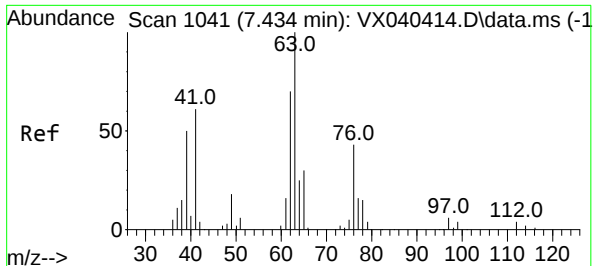
Tgt Ion: 43 Resp: 26175
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 11.6 9.8 14.6



#44
Trichloroethene
Concen: 10.370 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:130 Resp: 11055
Ion Ratio Lower Upper
130 100
95 91.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 10.286 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

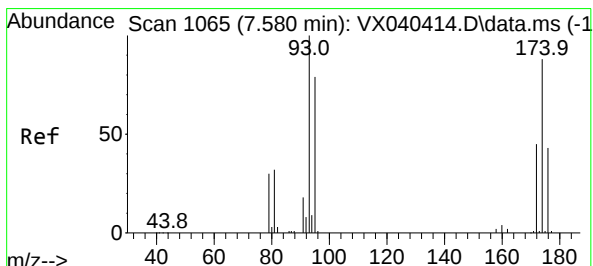
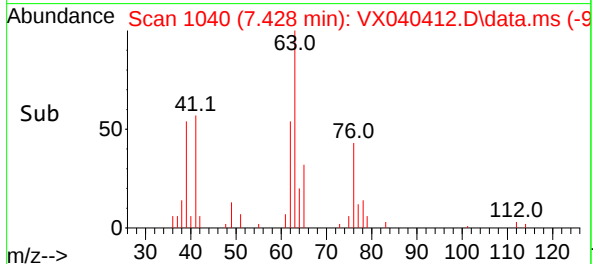
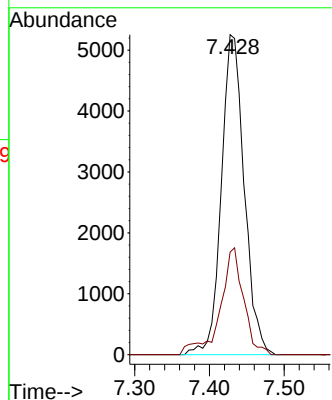
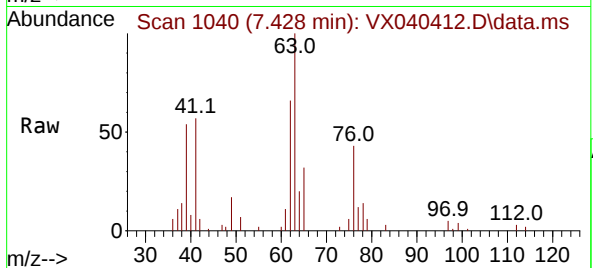
VSTDIC010

Tgt Ion: 63 Resp: 11190

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



#46

Dibromomethane

Concen: 9.981 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

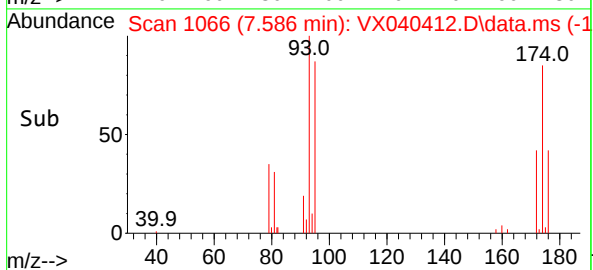
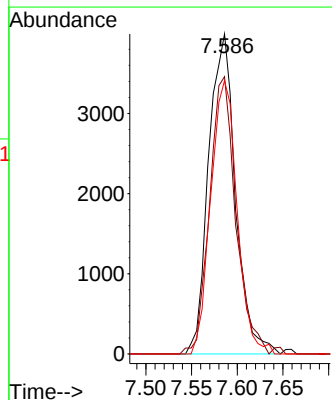
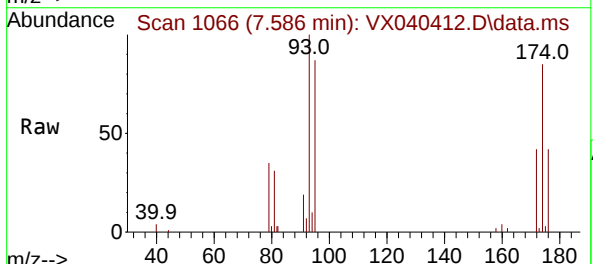
Tgt Ion: 93 Resp: 8146

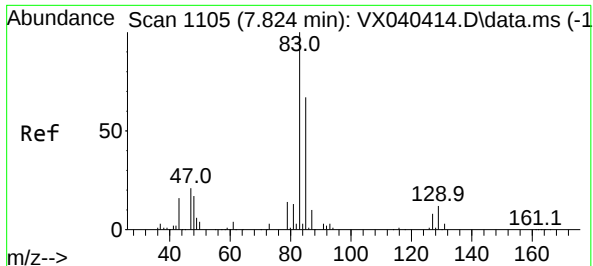
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 83.9 69.4 104.0

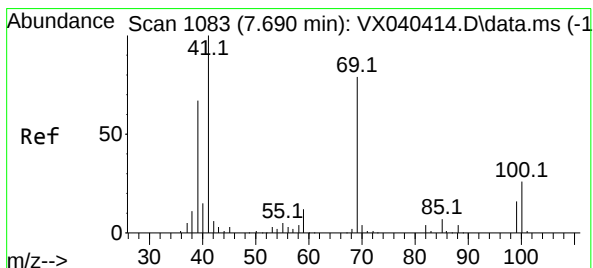
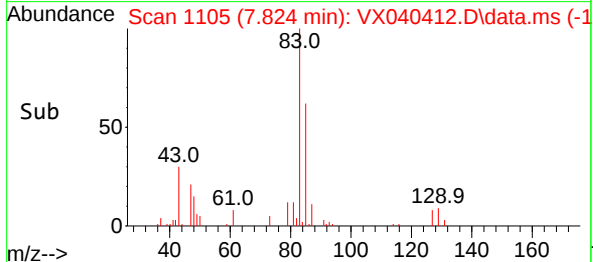
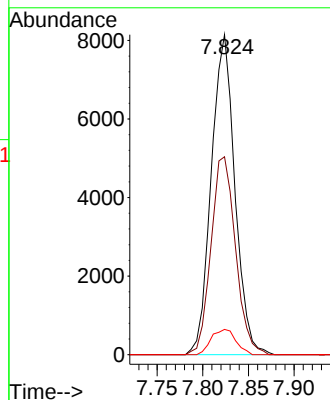
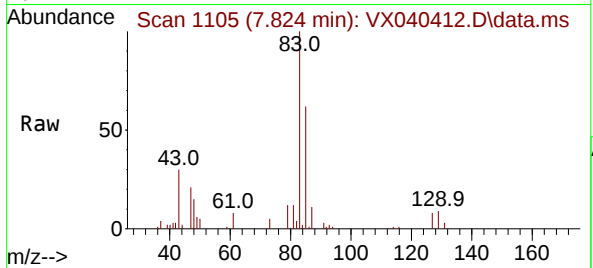




#47
Bromodichloromethane
Concen: 9.621 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

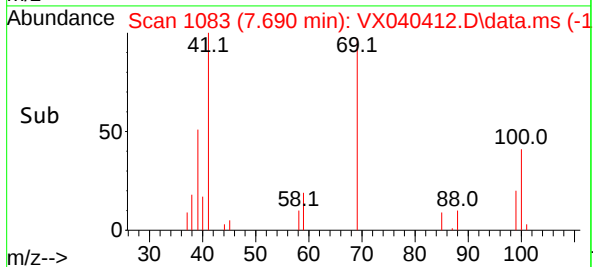
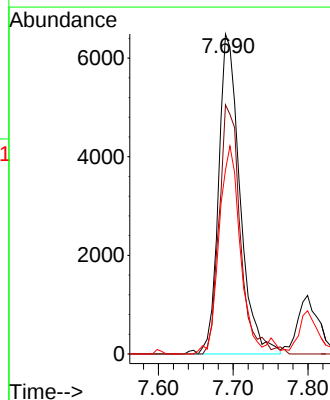
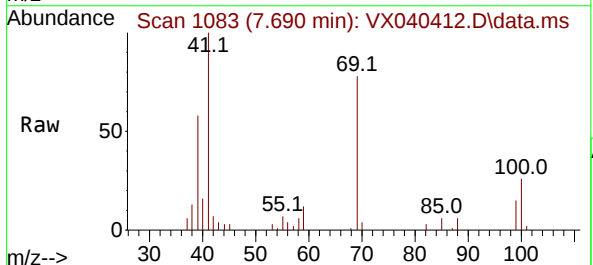
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

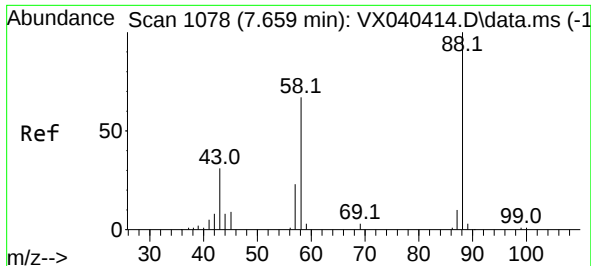
Tgt Ion: 83 Resp: 14614
Ion Ratio Lower Upper
83 100
85 61.9 49.8 74.6
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 9.934 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 41 Resp: 12923
Ion Ratio Lower Upper
41 100
69 77.1 59.2 88.8
39 63.9 47.7 71.5





#49

1,4-Dioxane

Concen: 198.392 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

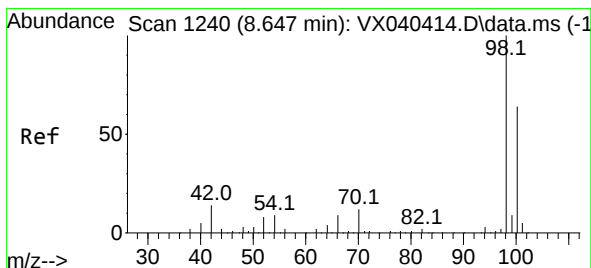
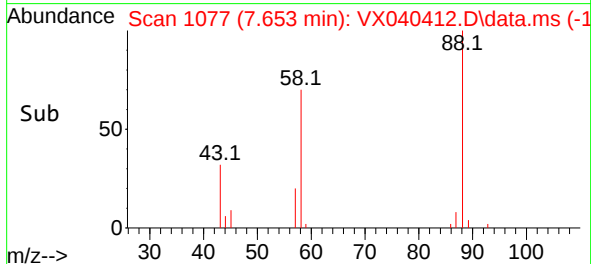
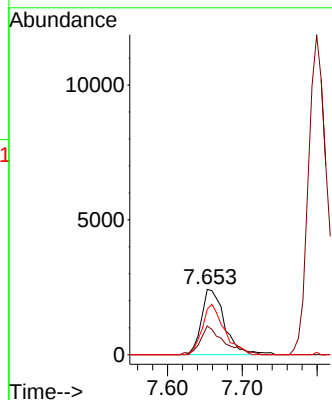
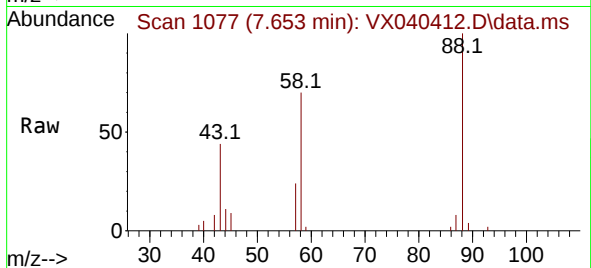
Tgt Ion: 88 Resp: 5202

Ion Ratio Lower Upper

88 100

43 44.9 0.0 0.0#

58 72.6 60.1 90.1



#50

Toluene-d8

Concen: 8.580 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX040412.D

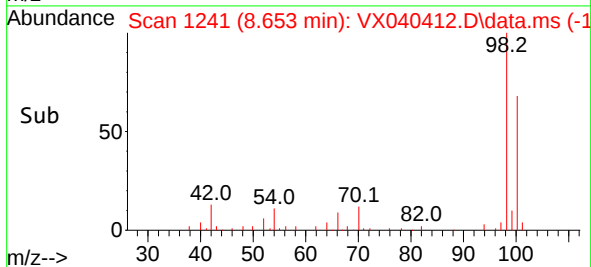
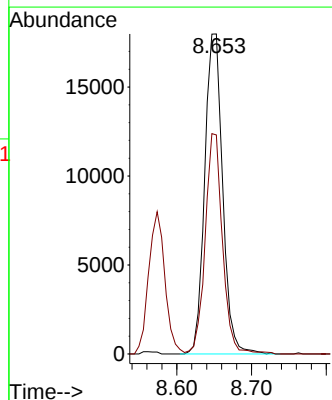
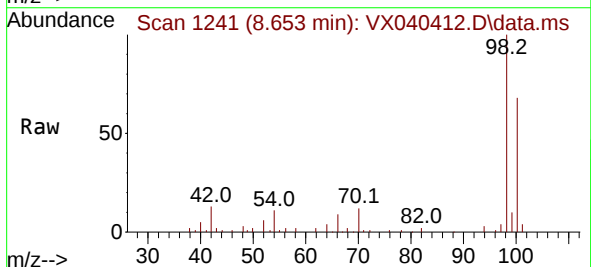
Acq: 22 Feb 2024 21:56

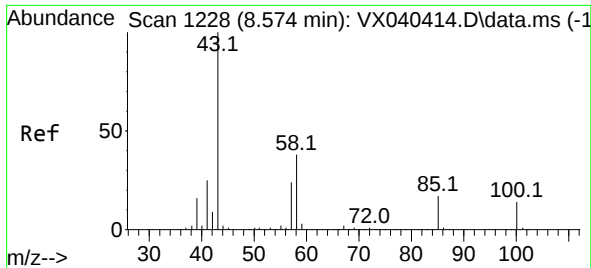
Tgt Ion: 98 Resp: 30007

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

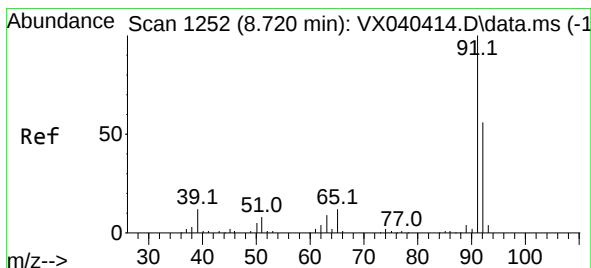
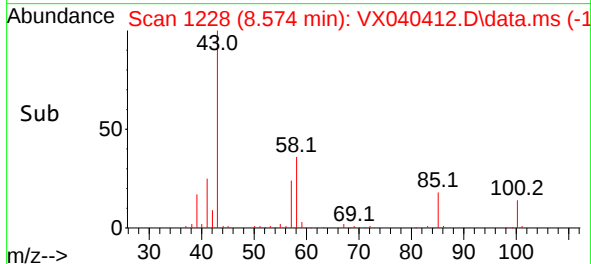
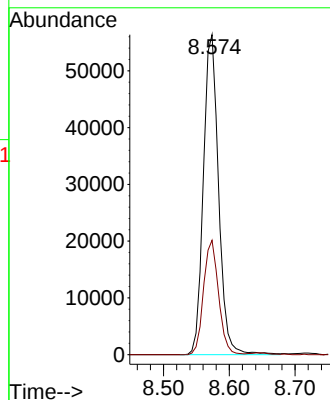
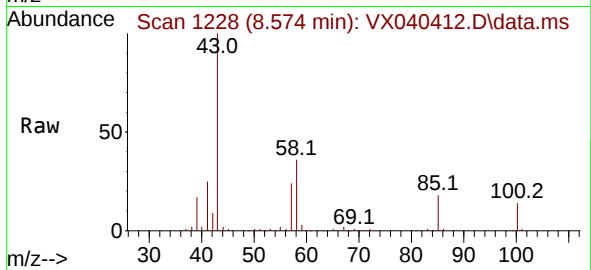




#51
4-Methyl-2-Pentanone
Concen: 50.910 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

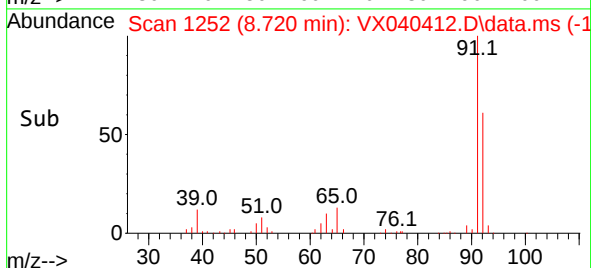
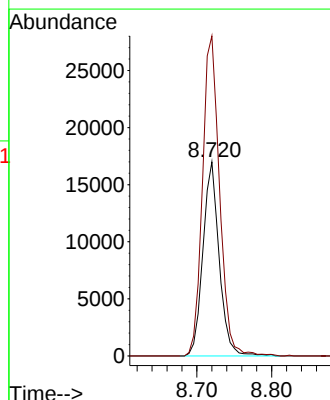
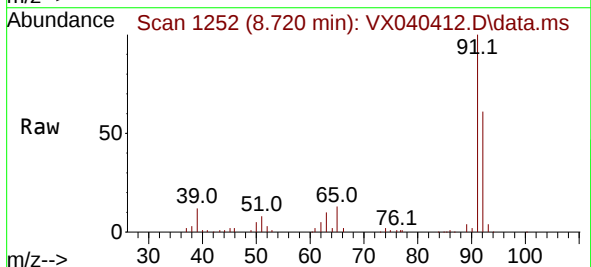
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

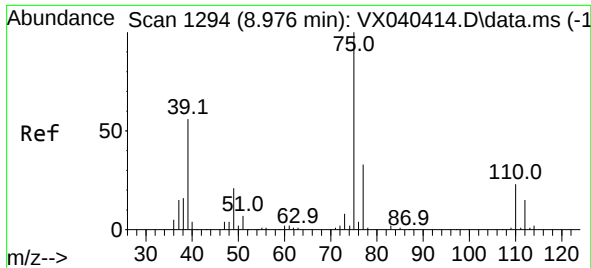
Tgt Ion: 43 Resp: 90826
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6



#52
Toluene
Concen: 10.275 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 92 Resp: 25667
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 9.021 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

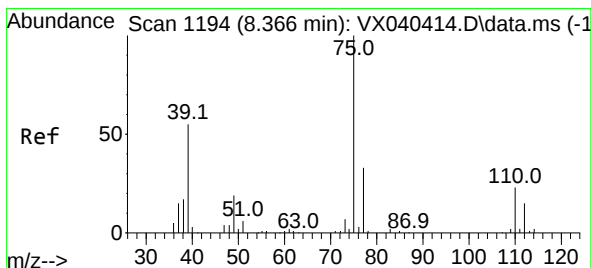
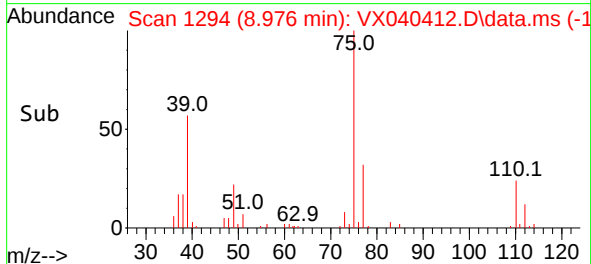
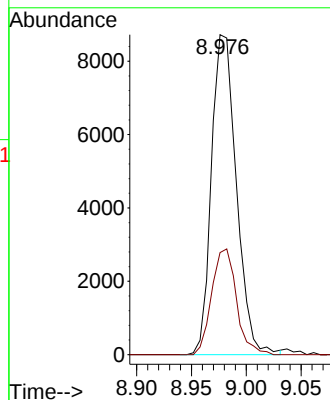
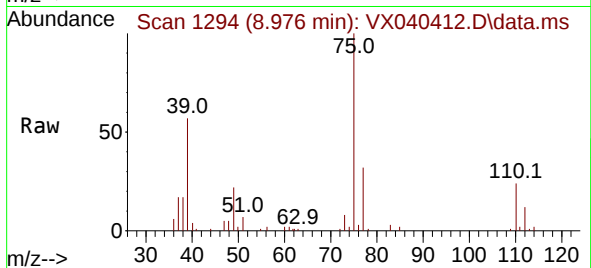
VSTDIC010

Tgt Ion: 75 Resp: 13814

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 9.739 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

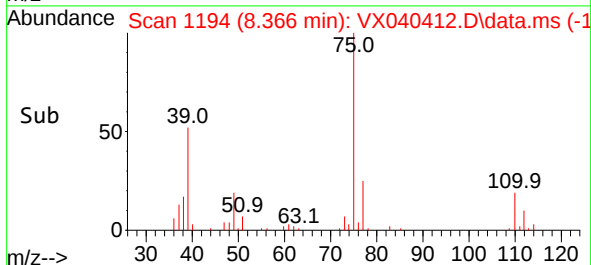
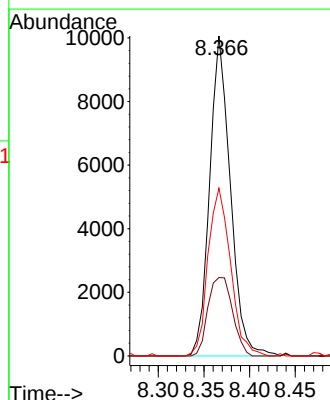
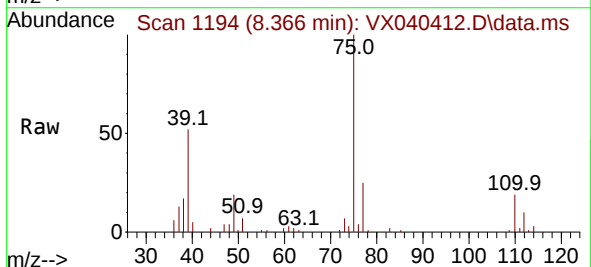
Tgt Ion: 75 Resp: 15888

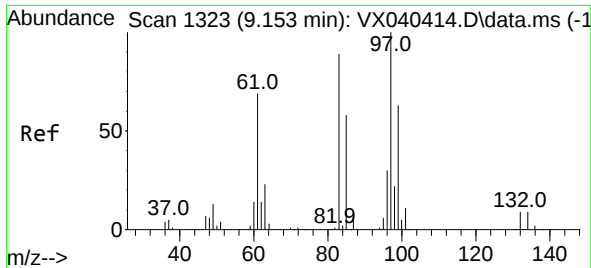
Ion Ratio Lower Upper

75 100

77 24.5 25.3 37.9#

39 52.4 46.7 70.1

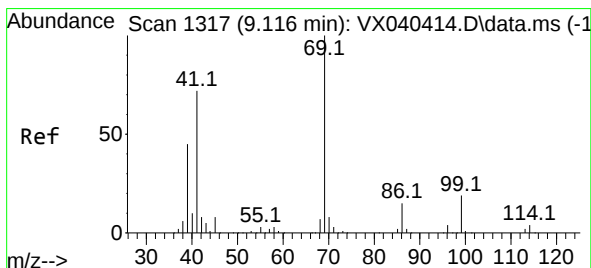
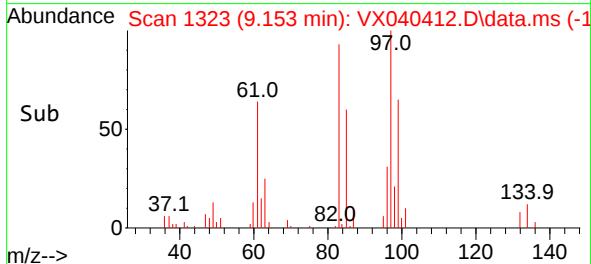
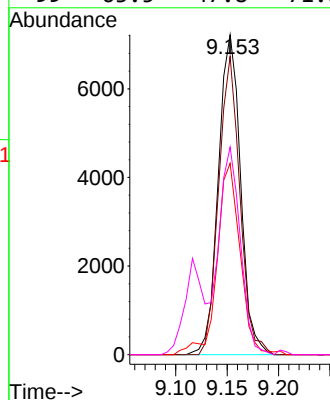
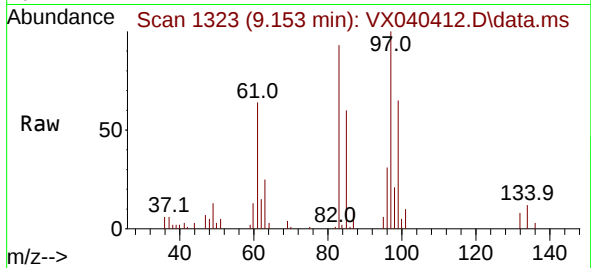




#55
1,1,2-Trichloroethane
Concen: 10.139 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

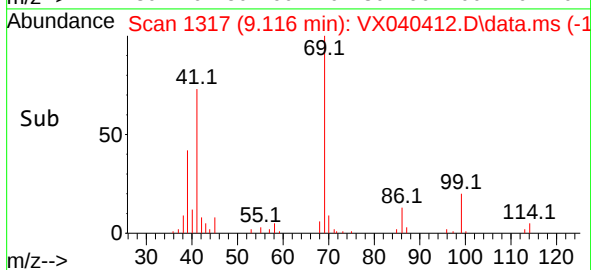
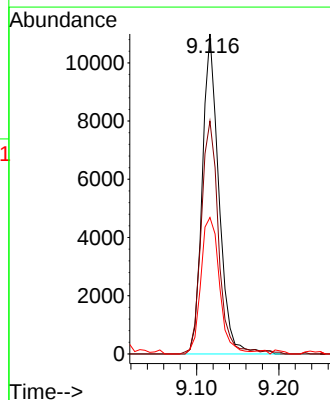
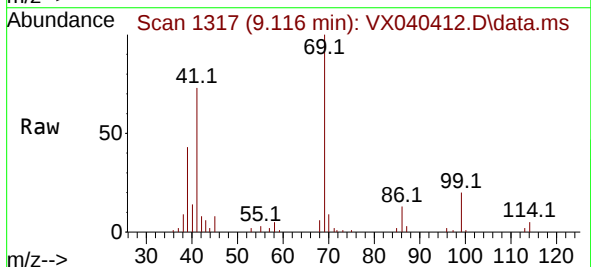
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

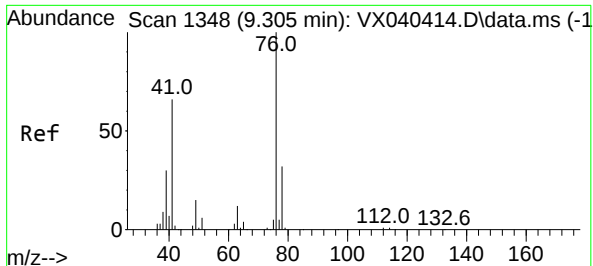
Tgt Ion: 97	Resp: 10845
Ion Ratio	Lower Upper
97 100	
83 93.2	65.8 98.8
85 58.6	41.6 62.4
99 63.5	47.8 71.8



#56
Ethyl methacrylate
Concen: 9.408 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 69	Resp: 15376
Ion Ratio	Lower Upper
69 100	
41 76.6	56.8 85.2
39 48.0	32.0 48.0#





#57

1,3-Dichloropropane

Concen: 9.962 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

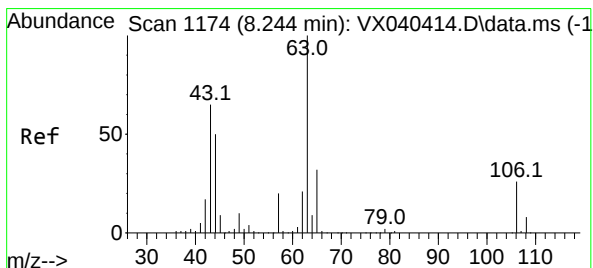
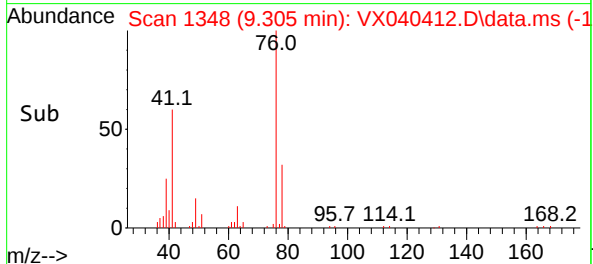
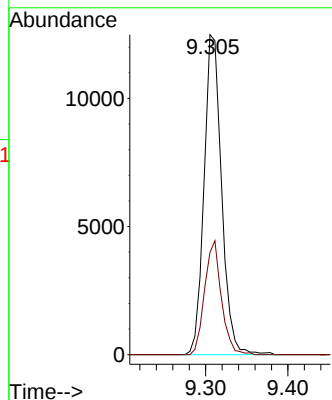
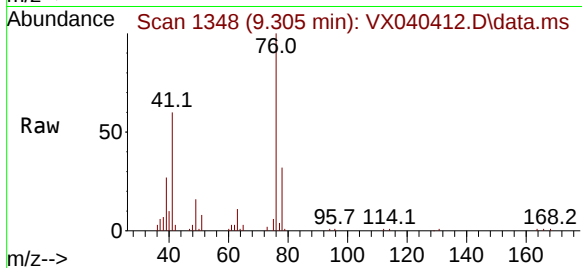
VSTDIC010

Tgt Ion: 76 Resp: 18562

Ion Ratio Lower Upper

76 100

78 34.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 46.252 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040412.D

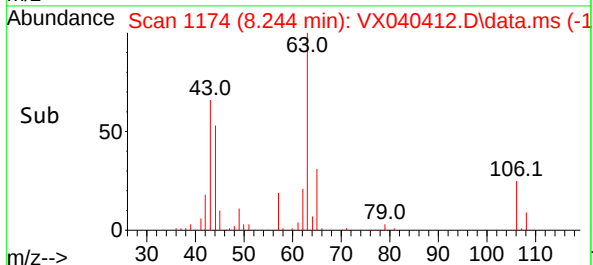
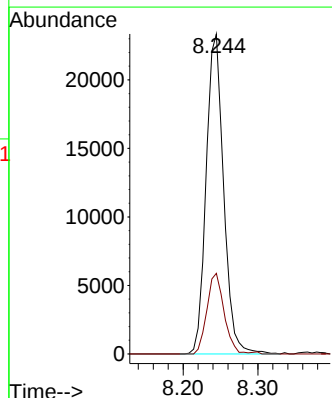
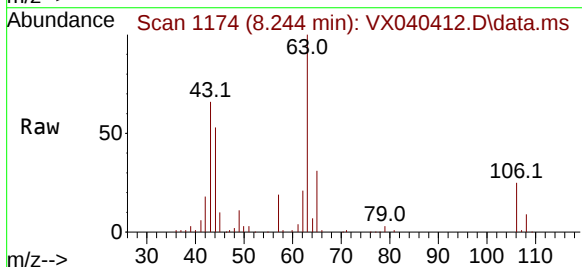
Acq: 22 Feb 2024 21:56

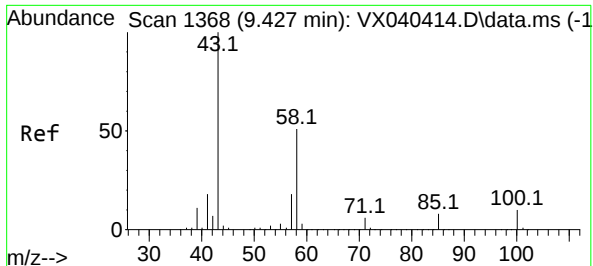
Tgt Ion: 63 Resp: 37903

Ion Ratio Lower Upper

63 100

106 24.7 22.5 33.7

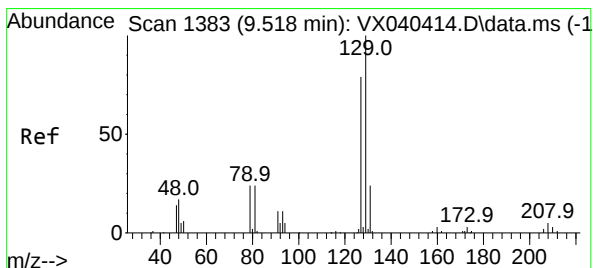
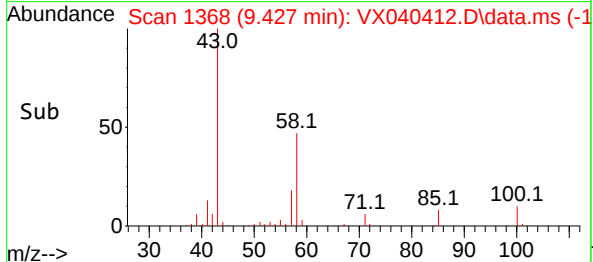
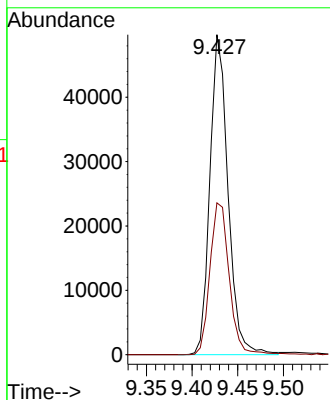
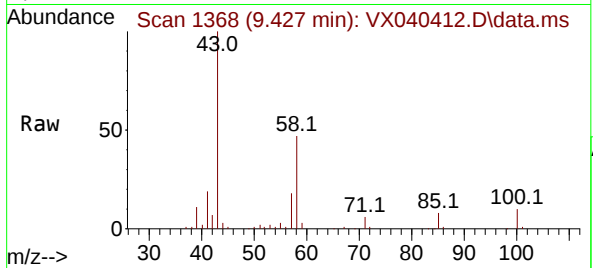




#59
2-Hexanone
Concen: 49.784 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

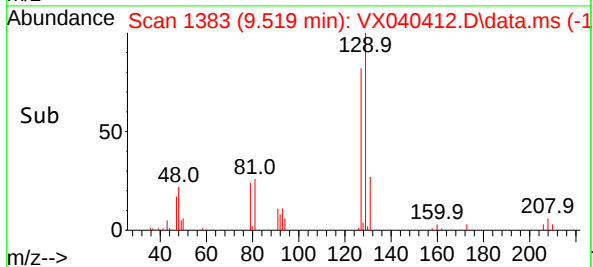
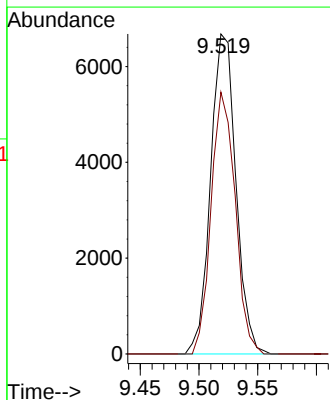
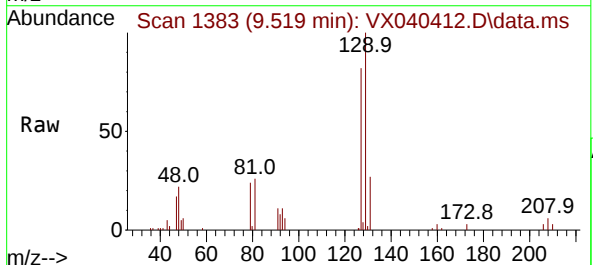
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

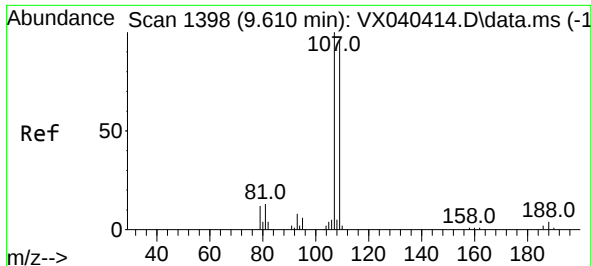
Tgt Ion: 43 Resp: 68499
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5



#60
Dibromochloromethane
Concen: 9.325 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 129 Resp: 10002
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

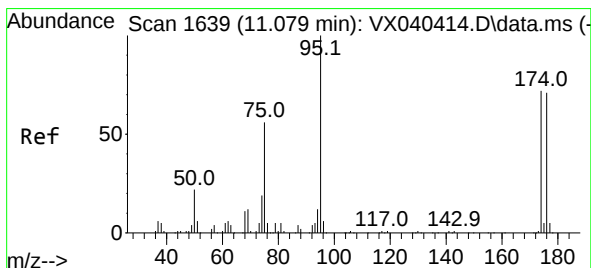
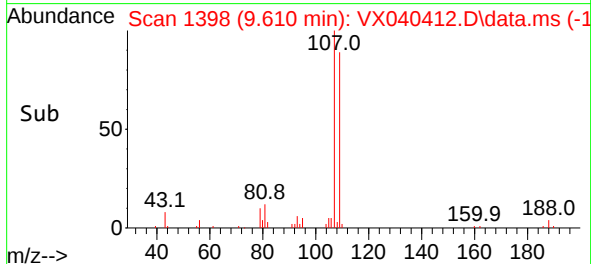
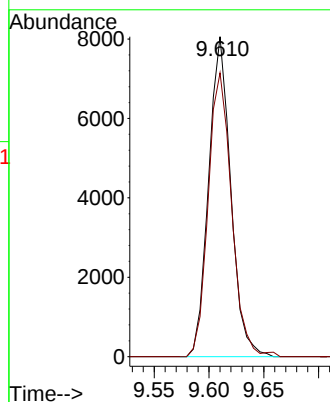
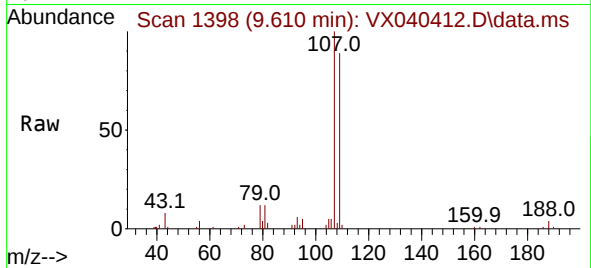




#61
1,2-Dibromoethane
Concen: 9.833 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

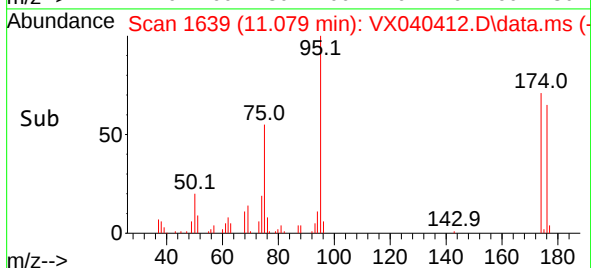
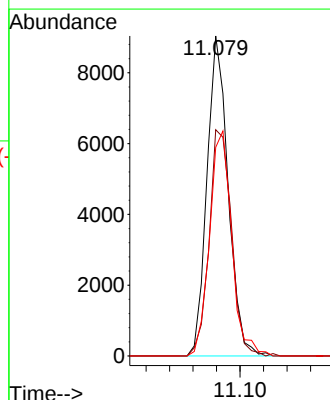
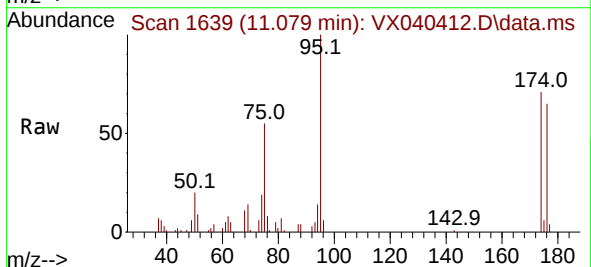
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

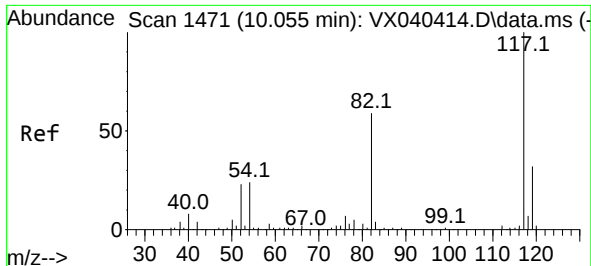
Tgt Ion:107 Resp: 11305
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 8.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 95 Resp: 11303
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 73.8 0.0 131.0

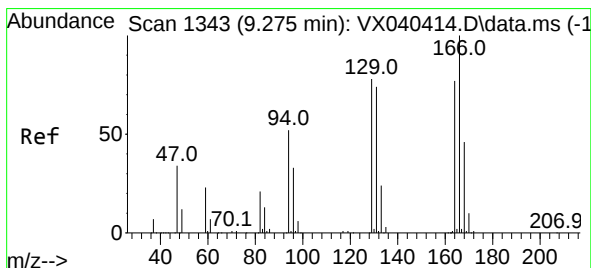
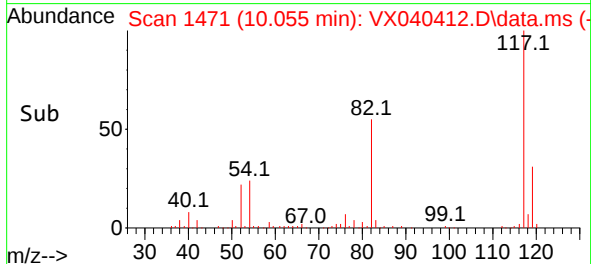
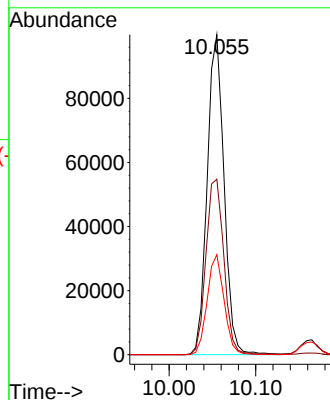
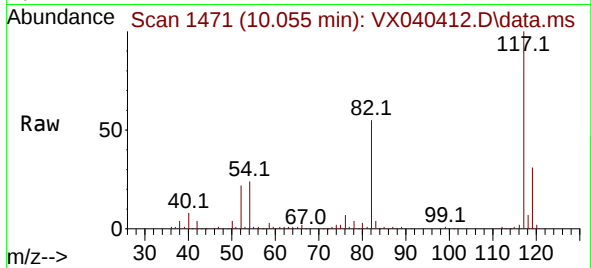




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

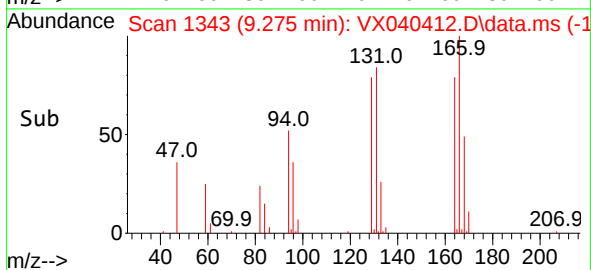
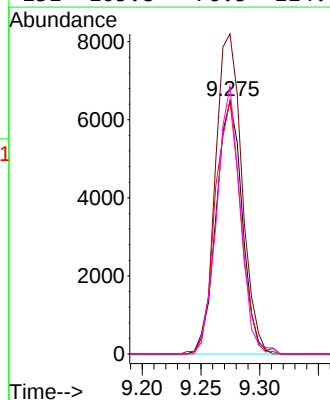
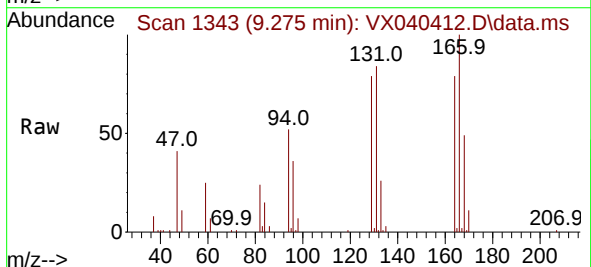
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

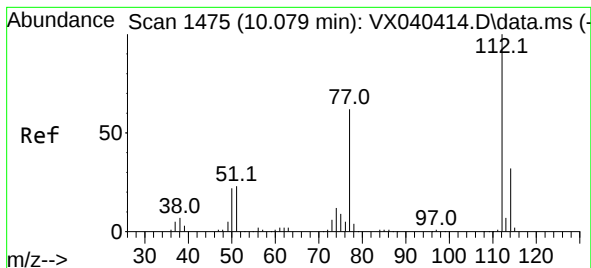
Tgt Ion:117 Resp: 135009
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 10.054 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:164 Resp: 9935
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 100.1 80.4 120.6
131 105.8 76.5 114.7

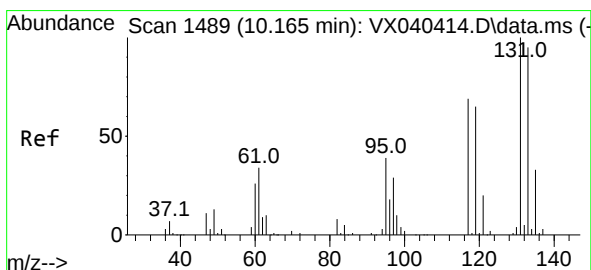
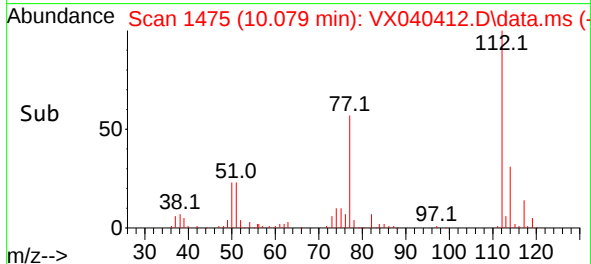
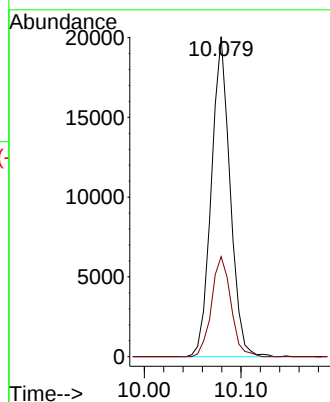
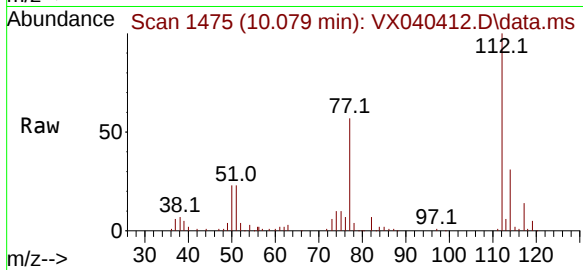




#65
Chlorobenzene
Concen: 9.941 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

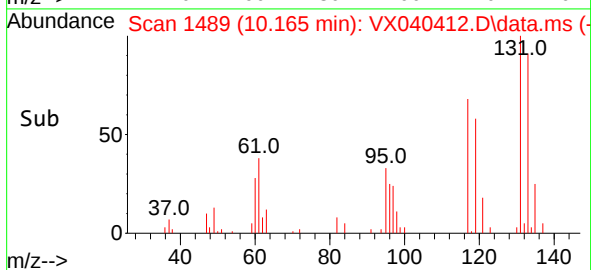
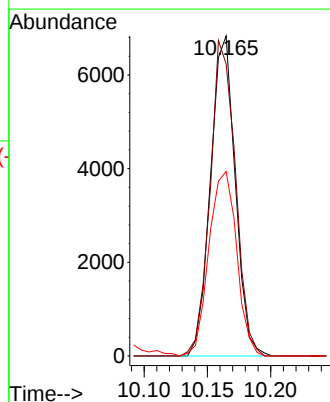
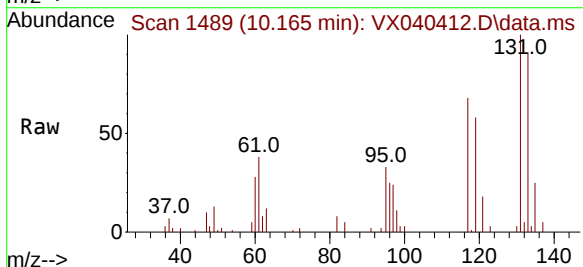
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

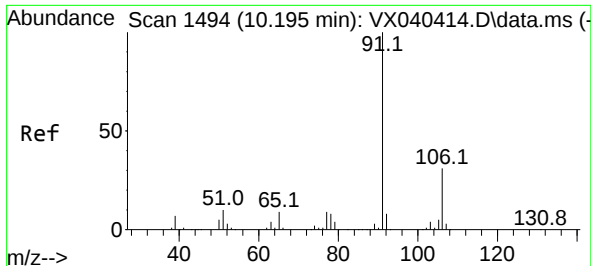
Tgt Ion:112 Resp: 27029
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion:131 Resp: 9272
Ion Ratio Lower Upper
131 100
133 100.9 47.1 141.4
119 64.5 32.2 96.6





#67

Ethyl Benzene

Concen: 9.930 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

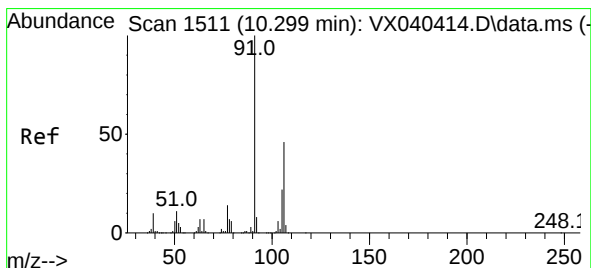
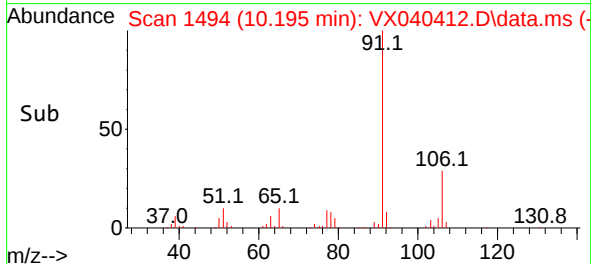
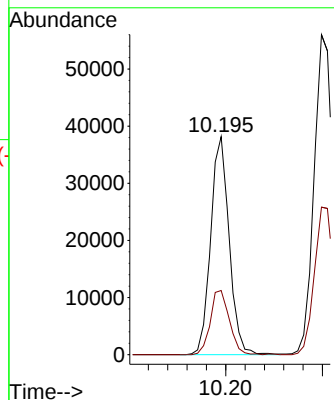
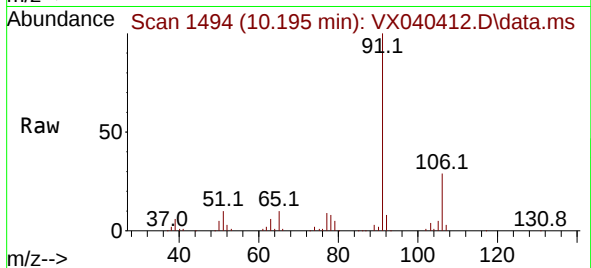
VSTDIC010

Tgt Ion: 91 Resp: 50646

Ion Ratio Lower Upper

91 100

106 29.4 24.9 37.3



#68

m/p-Xylenes

Concen: 19.743 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040412.D

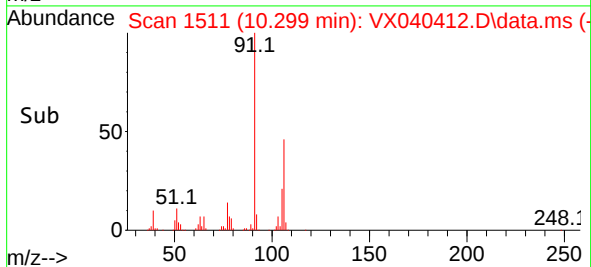
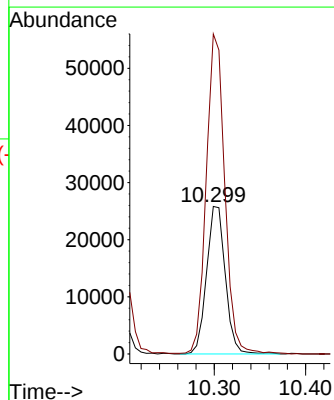
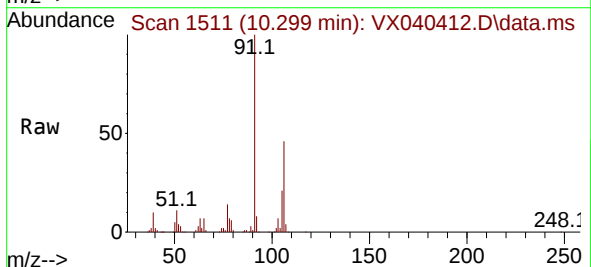
Acq: 22 Feb 2024 21:56

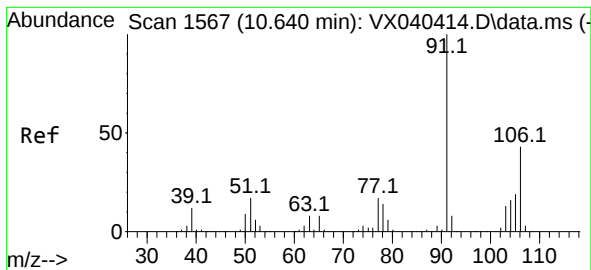
Tgt Ion: 106 Resp: 36719

Ion Ratio Lower Upper

106 100

91 214.7 165.5 248.3





#69

o-Xylene

Concen: 9.709 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

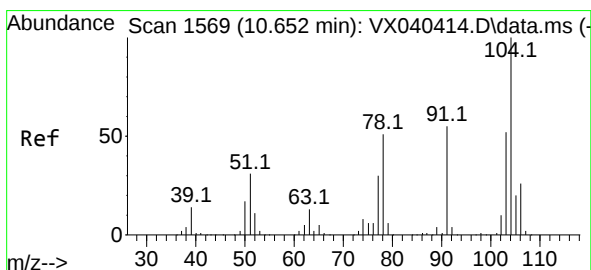
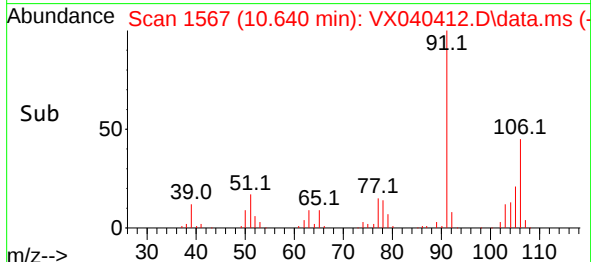
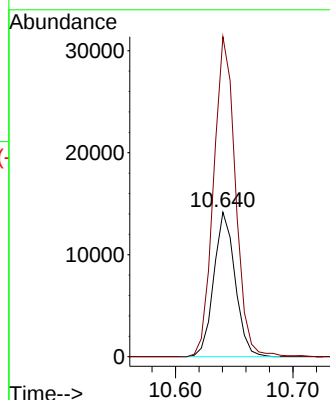
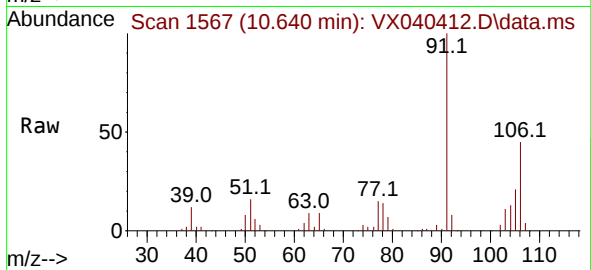
VSTDIC010

Tgt Ion:106 Resp: 17849

Ion Ratio Lower Upper

106 100

91 227.4 108.9 326.8



#70

Styrene

Concen: 9.730 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

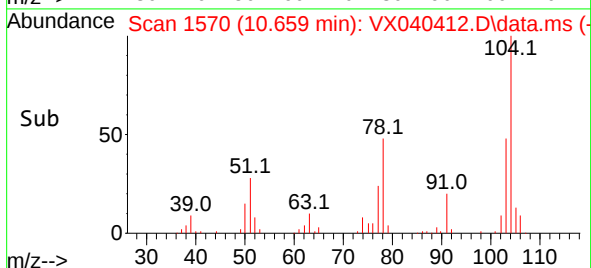
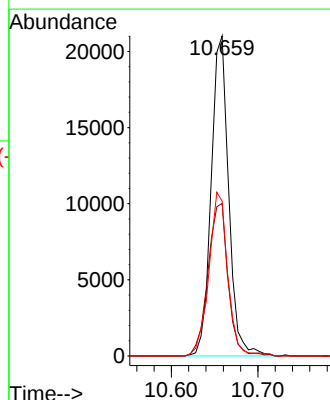
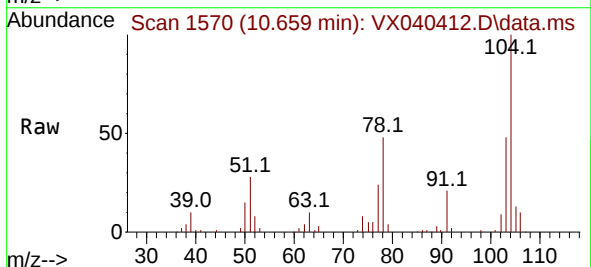
Tgt Ion:104 Resp: 29486

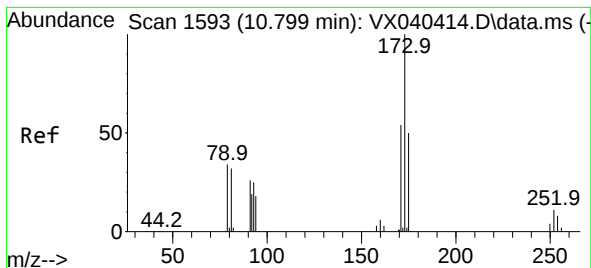
Ion Ratio Lower Upper

104 100

78 54.7 43.6 65.4

103 55.2 43.6 65.4





#71

Bromoform

Concen: 8.860 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

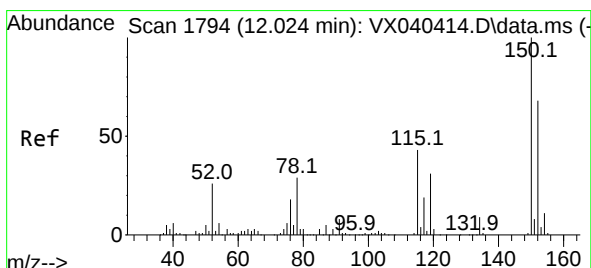
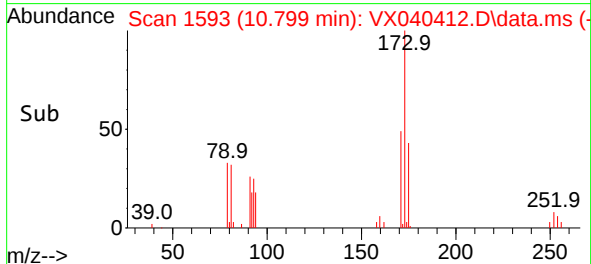
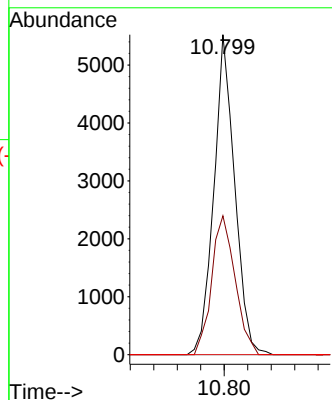
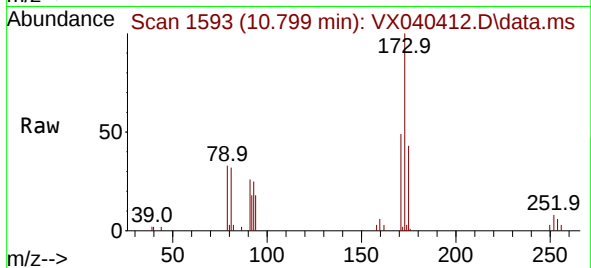
Tgt Ion:173 Resp: 6811

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

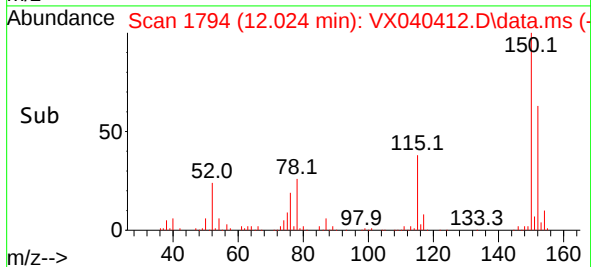
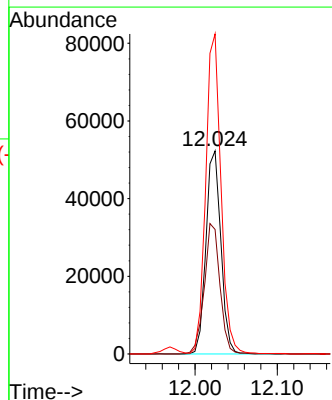
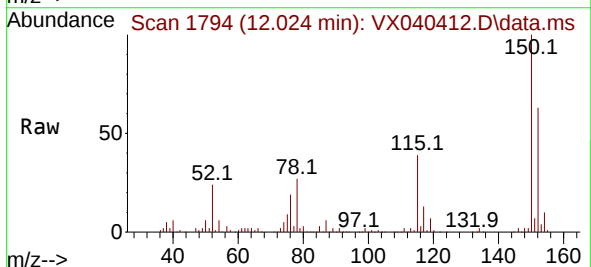
Tgt Ion:152 Resp: 65975

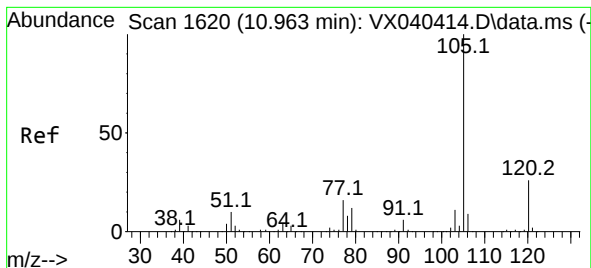
Ion Ratio Lower Upper

152 100

115 67.0 43.3 129.9

150 160.1 0.0 345.0





#73

Isopropylbenzene

Concen: 10.330 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

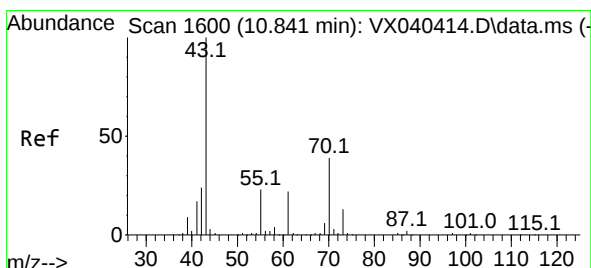
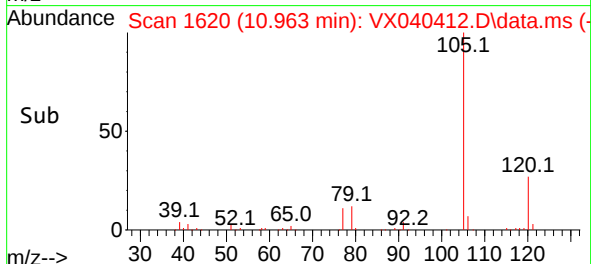
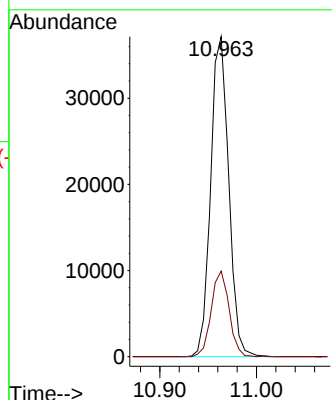
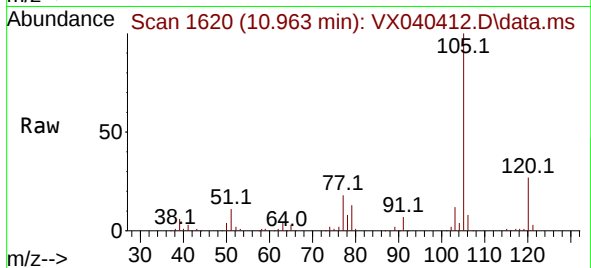
VSTDIC010

Tgt Ion:105 Resp: 48220

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#74

N-ethyl acetate

Concen: 9.307 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Tgt Ion: 43 Resp: 20157

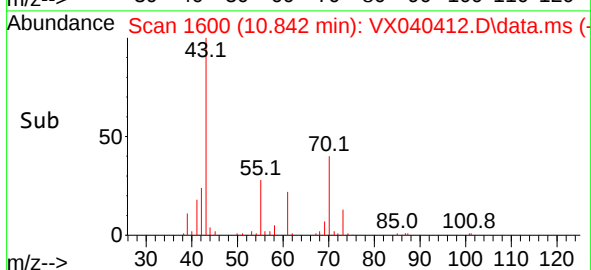
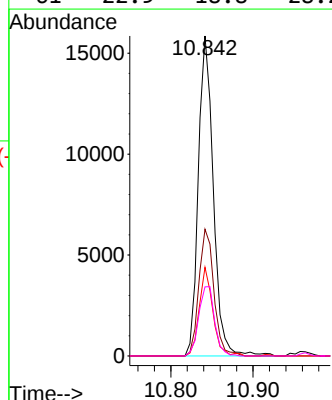
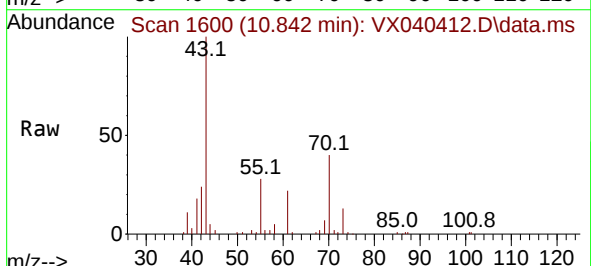
Ion Ratio Lower Upper

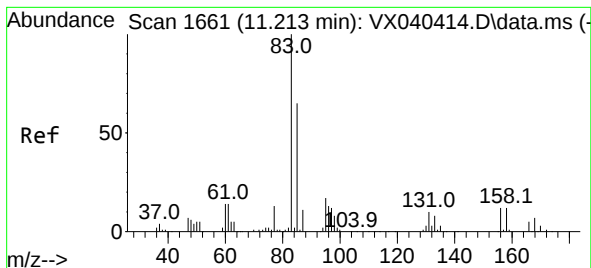
43 100

70 39.6 32.9 49.3

55 25.0 19.3 28.9

61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.478 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

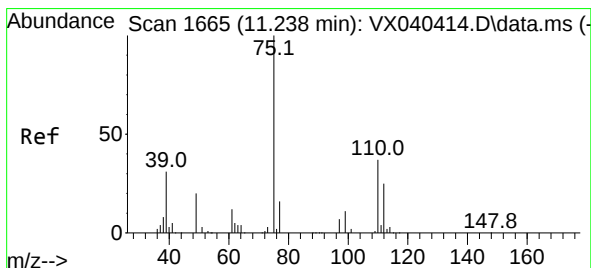
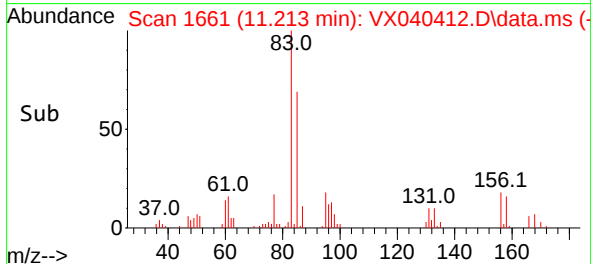
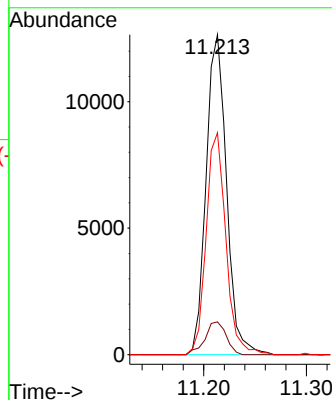
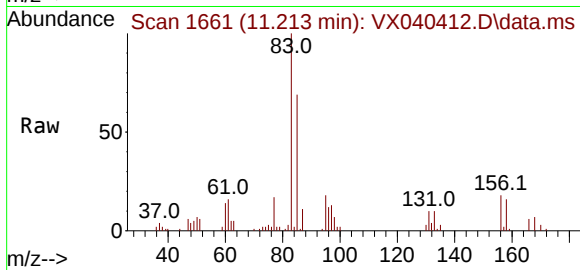
Tgt Ion: 83 Resp: 17486

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

85 67.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 12.088 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040412.D

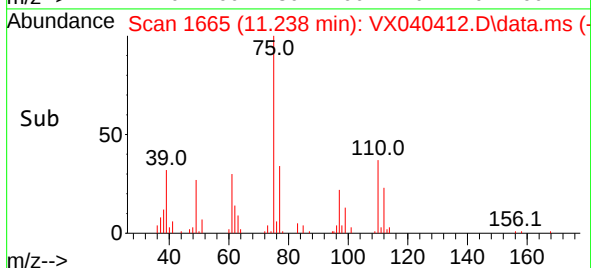
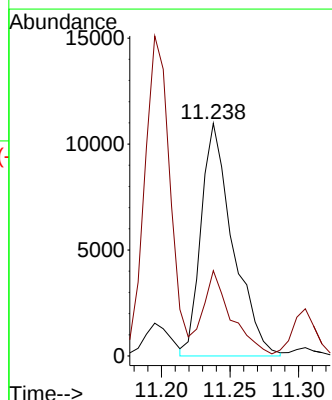
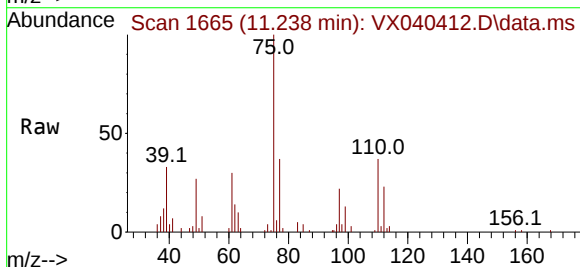
Acq: 22 Feb 2024 21:56

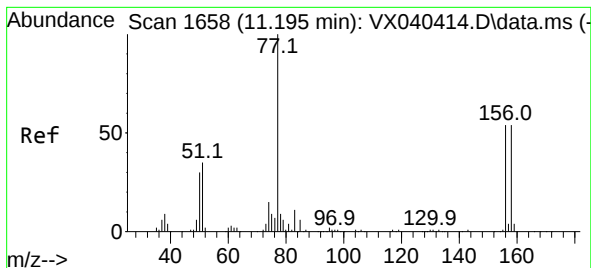
Tgt Ion: 75 Resp: 17733

Ion Ratio Lower Upper

75 100

77 33.1 19.1 57.5





#77

Bromobenzene

Concen: 9.974 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

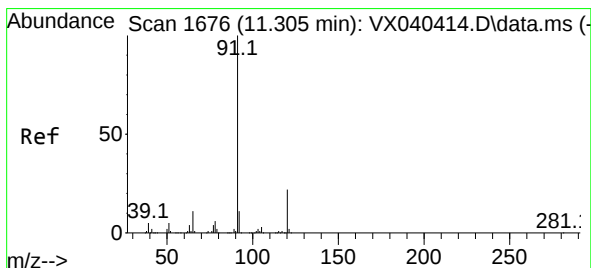
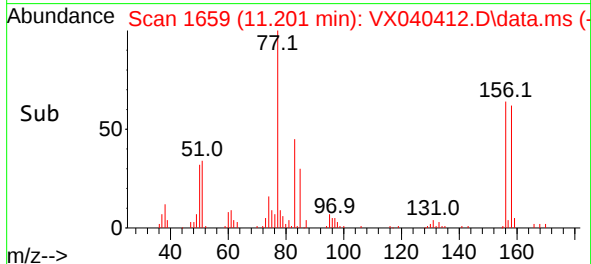
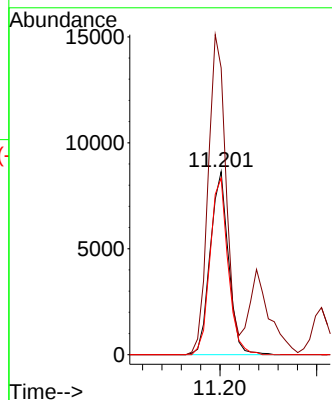
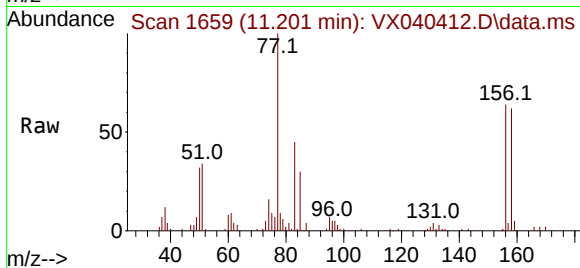
Tgt Ion:156 Resp: 11377

Ion Ratio Lower Upper

156 100

77 170.4 88.4 265.3

158 95.1 48.0 144.0



#78

n-propylbenzene

Concen: 10.183 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040412.D

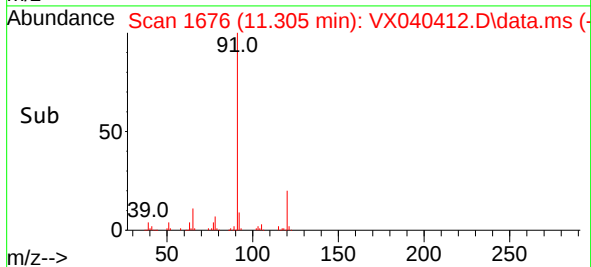
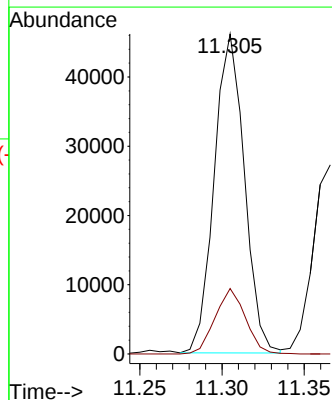
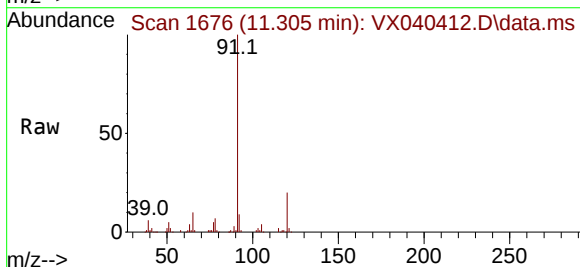
Acq: 22 Feb 2024 21:56

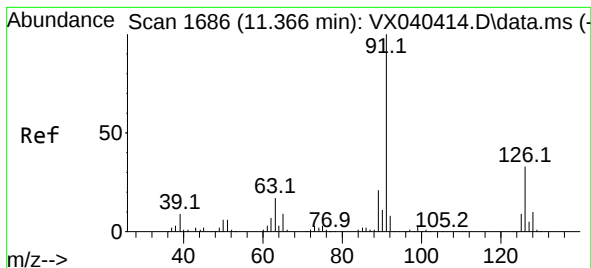
Tgt Ion: 91 Resp: 58719

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.101 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

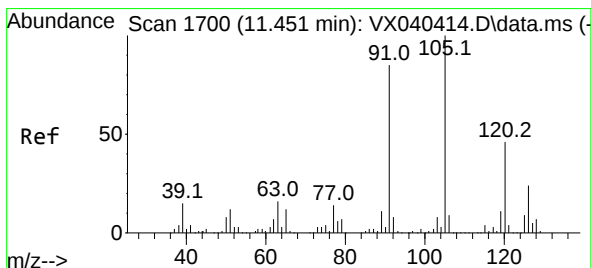
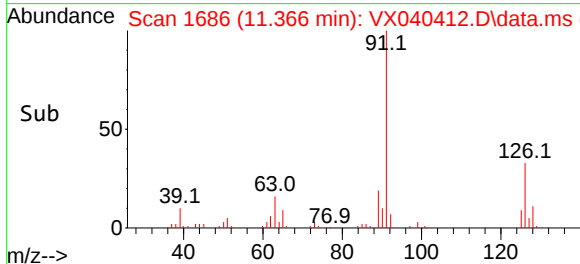
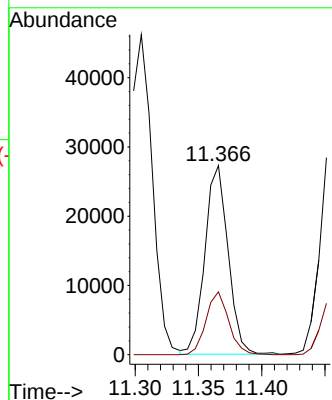
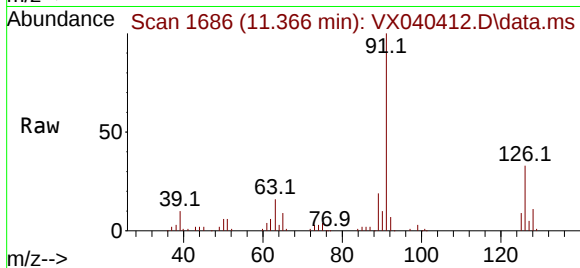
VSTDIC010

Tgt Ion: 91 Resp: 34763

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 10.563 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040412.D

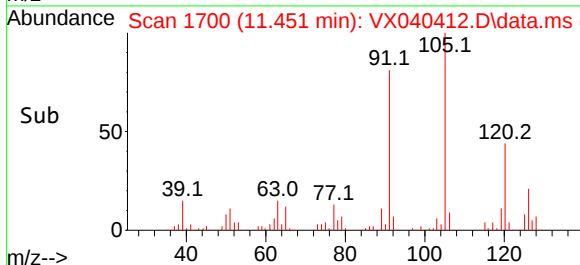
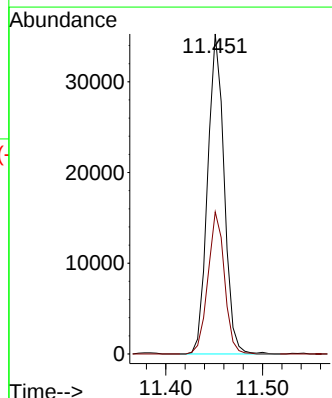
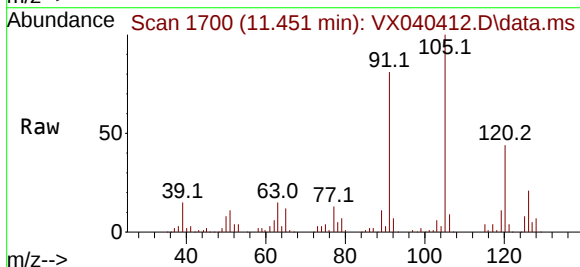
Acq: 22 Feb 2024 21:56

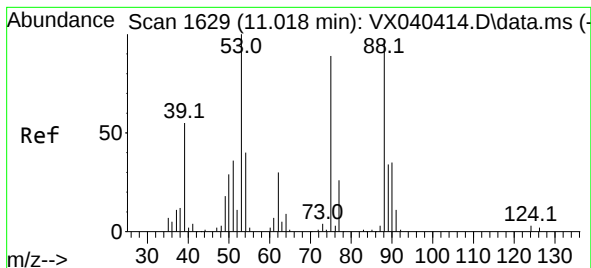
Tgt Ion: 105 Resp: 41890

Ion Ratio Lower Upper

105 100

120 44.4 24.1 72.3

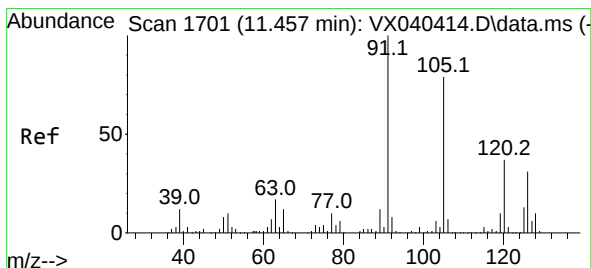
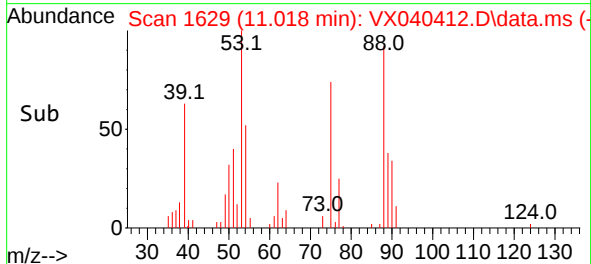
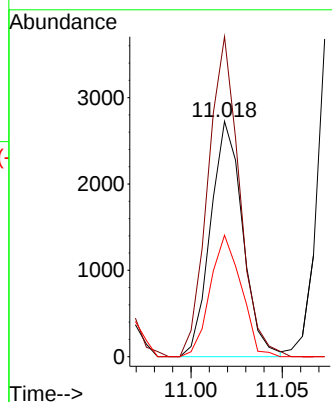
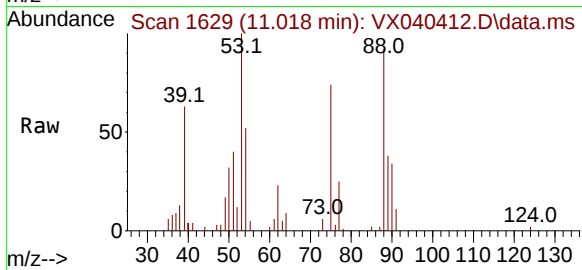




#81
trans-1,4-Dichloro-2-butene
Concen: 7.917 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

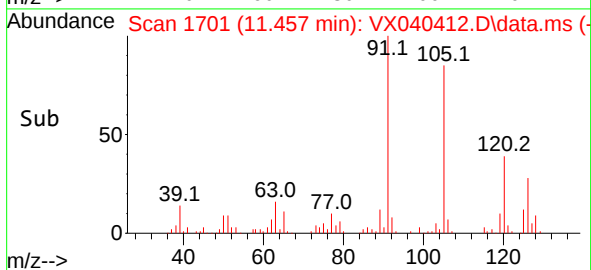
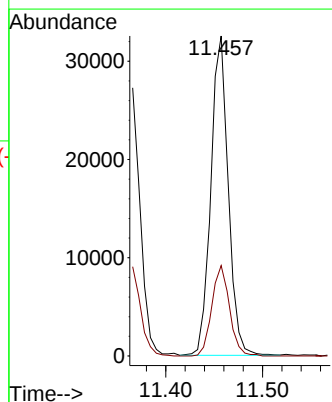
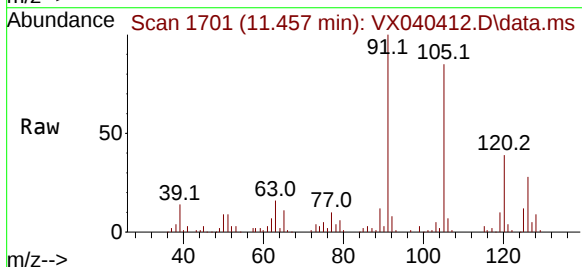
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

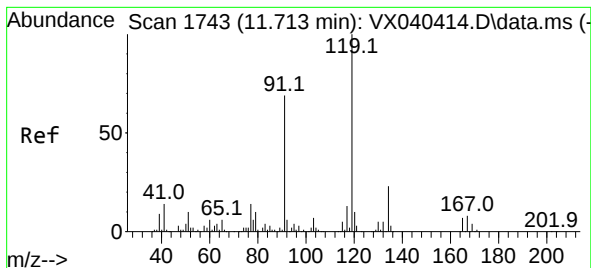
Tgt Ion: 75 Resp: 3338
Ion Ratio Lower Upper
75 100
53 132.9 90.5 135.7
89 49.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 10.077 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 91 Resp: 40641
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 9.705 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

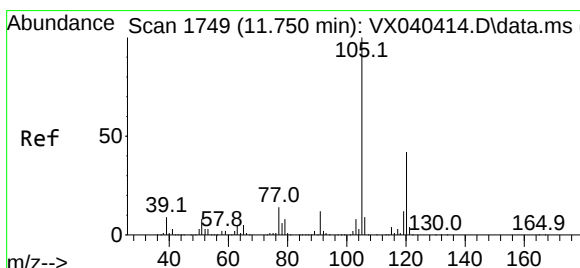
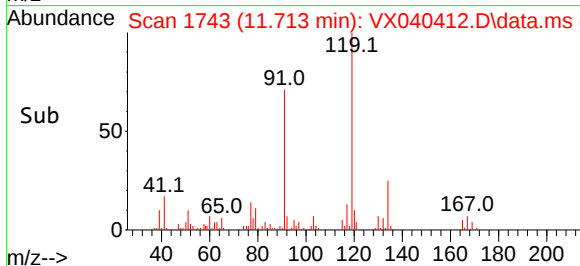
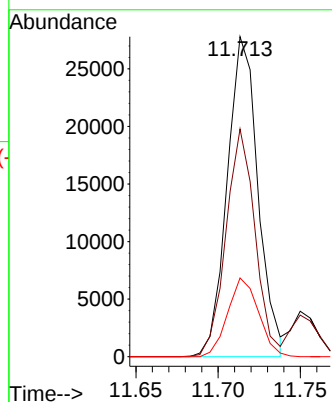
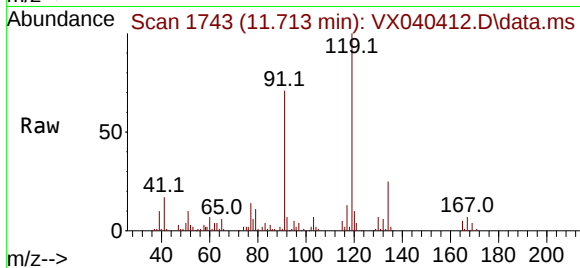
Tgt Ion:119 Resp: 36280

Ion Ratio Lower Upper

119 100

91 67.3 31.2 93.6

134 24.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 9.778 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040412.D

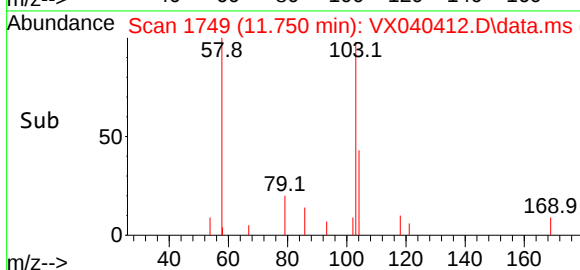
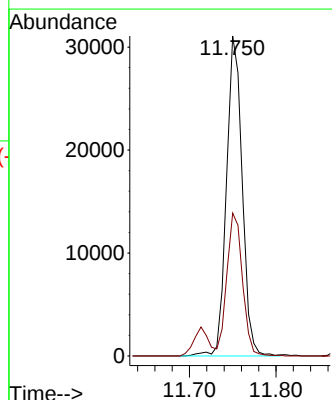
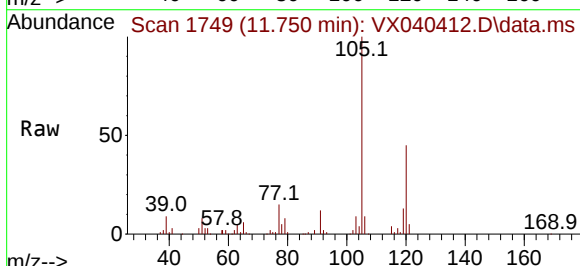
Acq: 22 Feb 2024 21:56

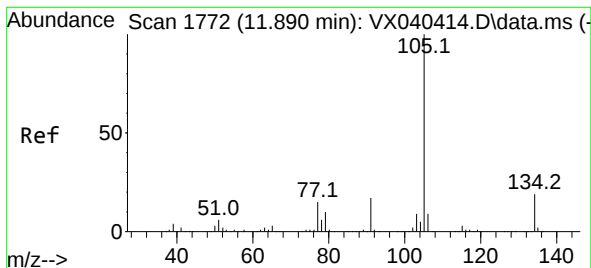
Tgt Ion:105 Resp: 39126

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 10.220 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

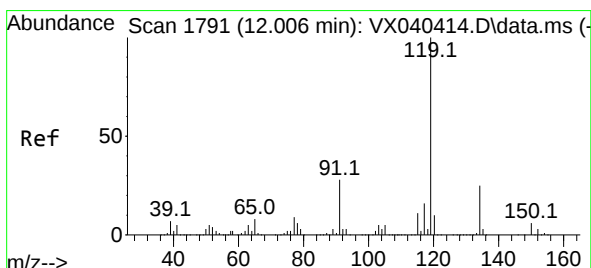
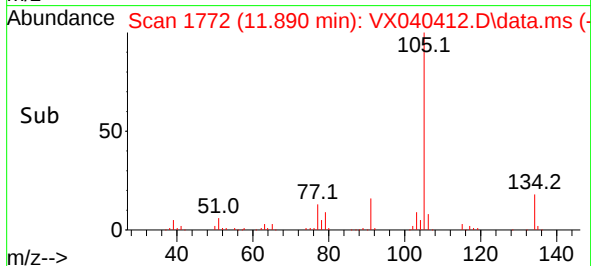
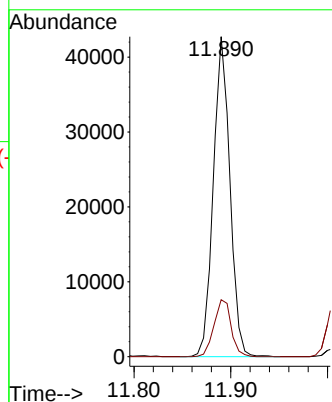
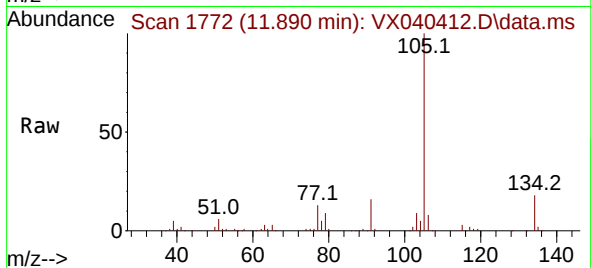
VSTDIC010

Tgt Ion:105 Resp: 50860

Ion Ratio Lower Upper

105 100

134 18.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 10.321 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

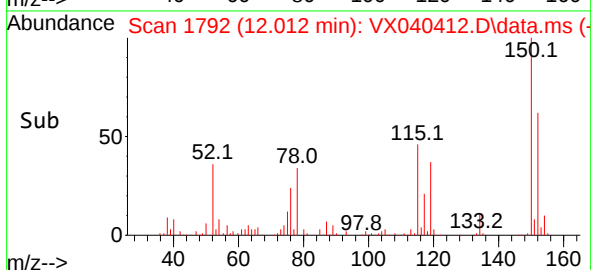
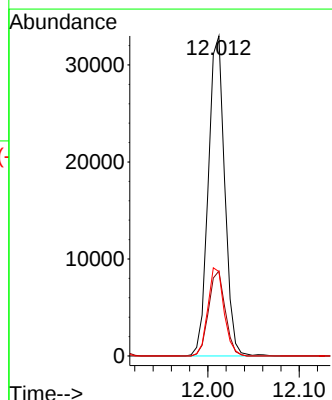
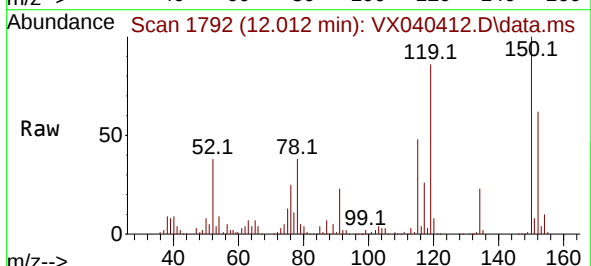
Tgt Ion:119 Resp: 41038

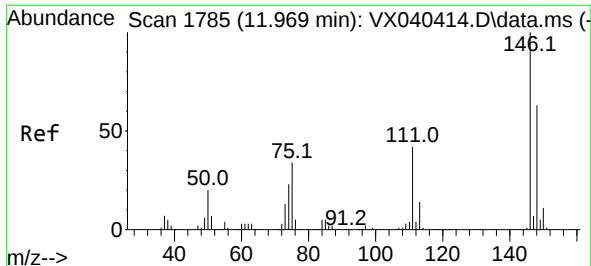
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

91 27.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 9.951 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

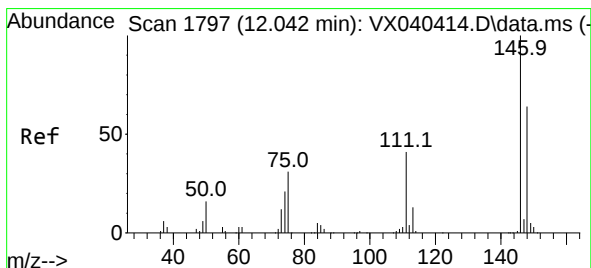
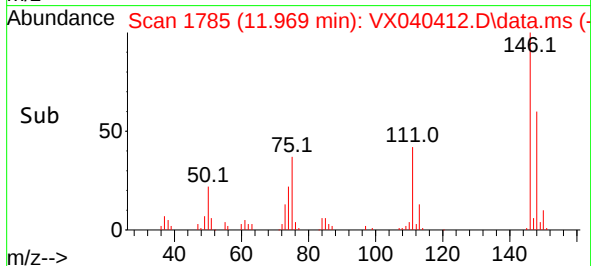
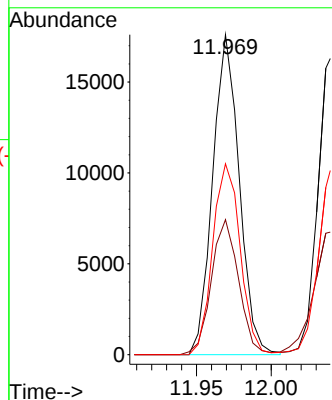
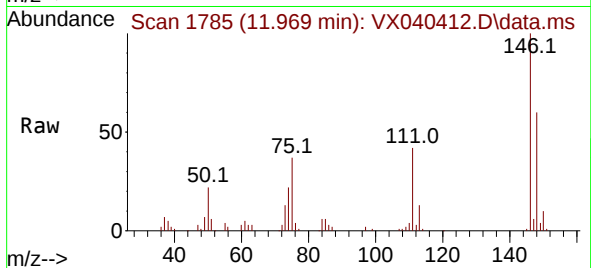
Tgt Ion:146 Resp: 21710

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.1

148 61.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 9.914 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

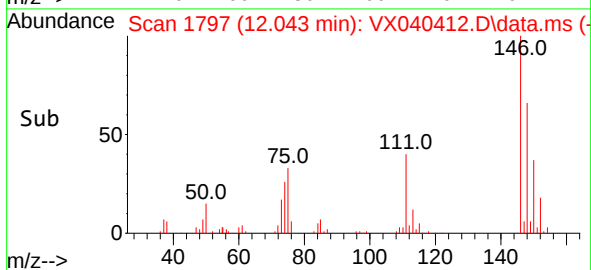
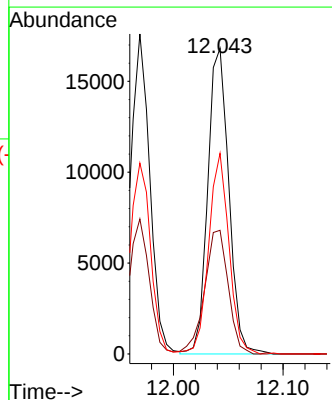
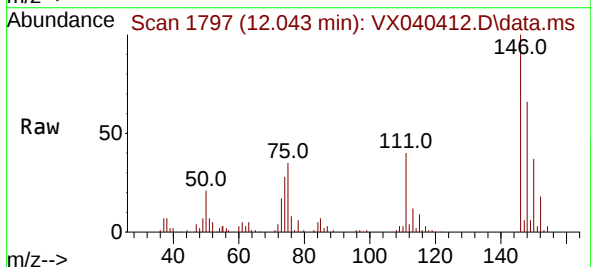
Tgt Ion:146 Resp: 22422

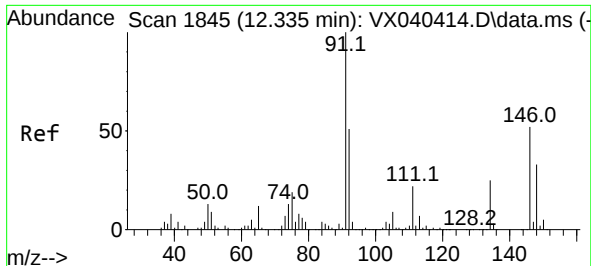
Ion Ratio Lower Upper

146 100

111 45.8 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 9.845 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

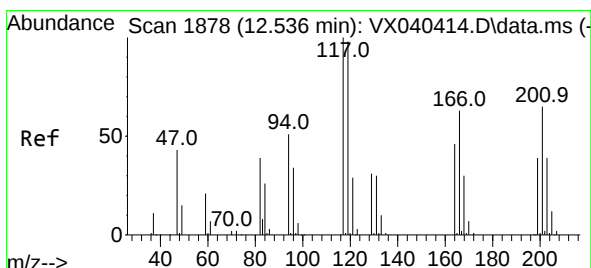
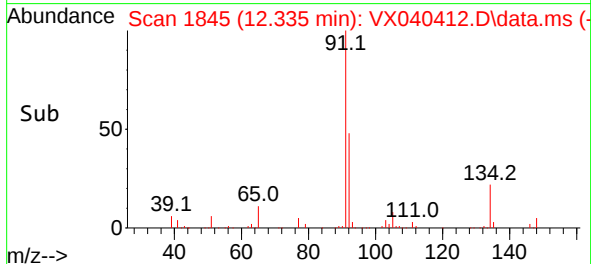
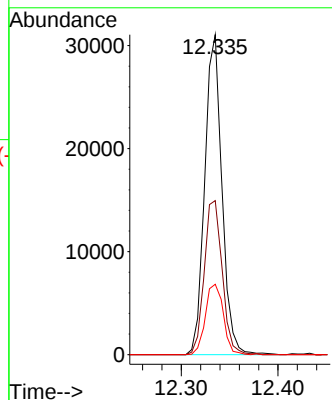
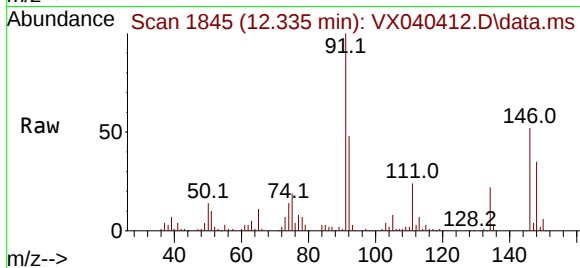
Tgt Ion: 91 Resp: 38516

Ion Ratio Lower Upper

91 100

92 50.3 27.4 82.0

134 23.0 12.6 37.8



#90

Hexachloroethane

Concen: 9.207 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040412.D

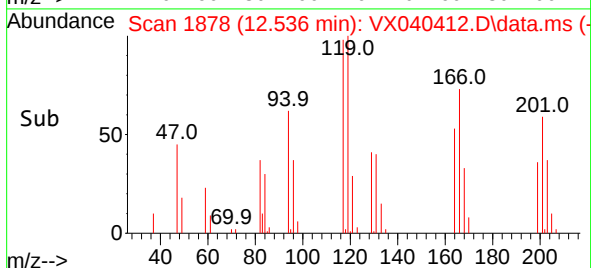
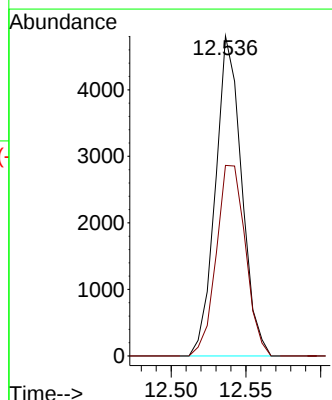
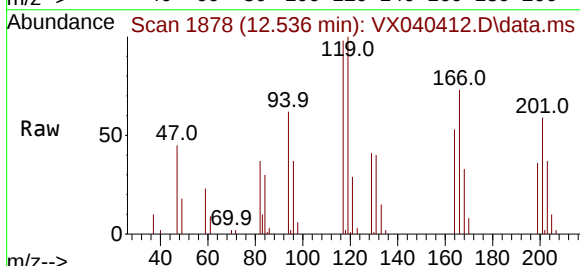
Acq: 22 Feb 2024 21:56

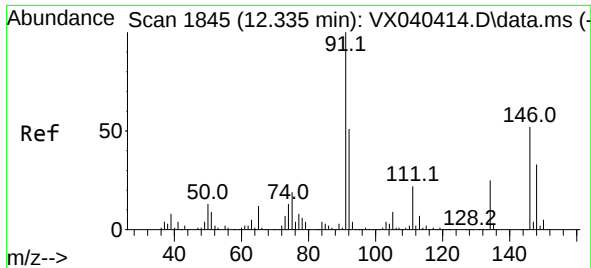
Tgt Ion: 117 Resp: 5863

Ion Ratio Lower Upper

117 100

201 66.3 32.9 98.6

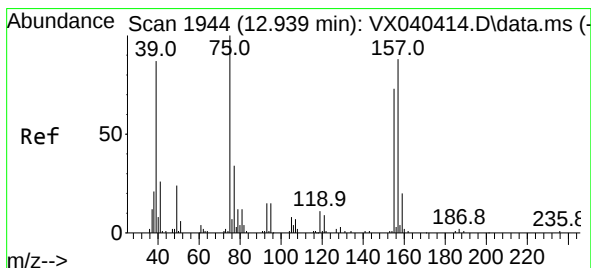
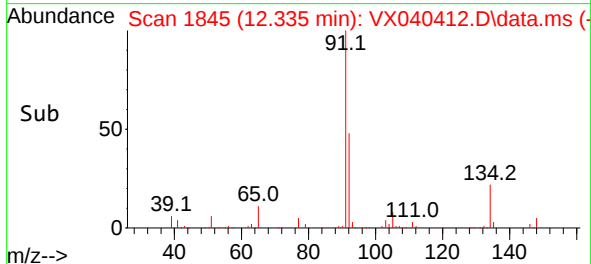
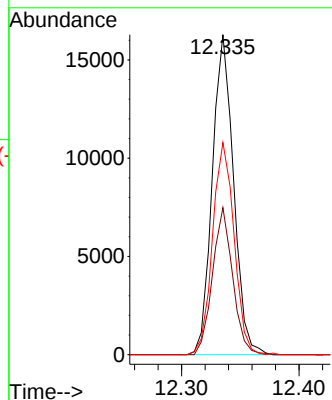
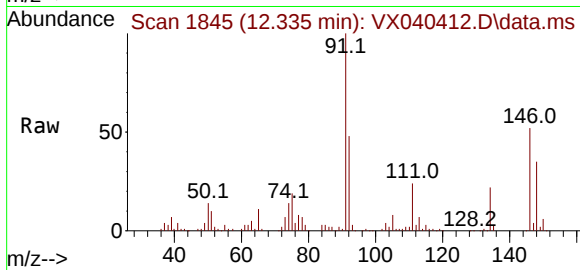




#91
1,2-Dichlorobenzene
Concen: 9.677 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

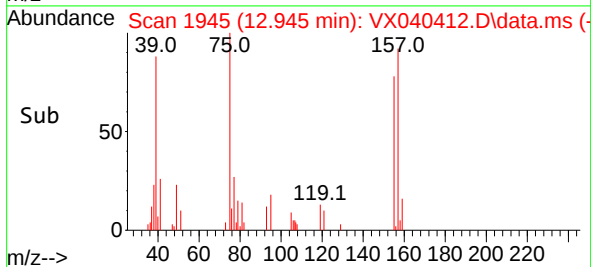
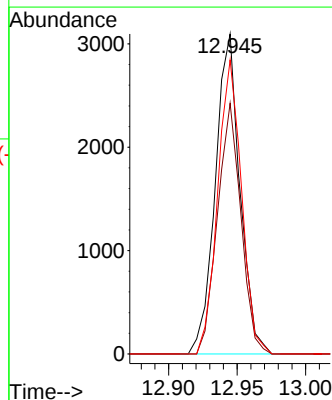
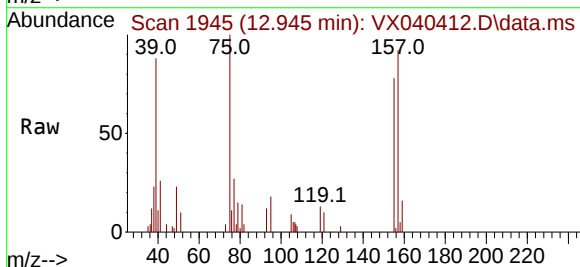
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

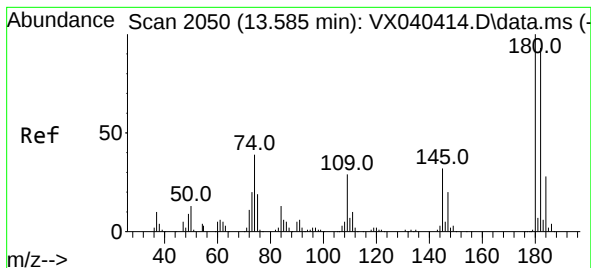
Tgt Ion:146 Resp: 20416
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 67.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.185 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040412.D
Acq: 22 Feb 2024 21:56

Tgt Ion: 75 Resp: 3876
Ion Ratio Lower Upper
75 100
155 74.4 36.1 108.5
157 88.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 9.874 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

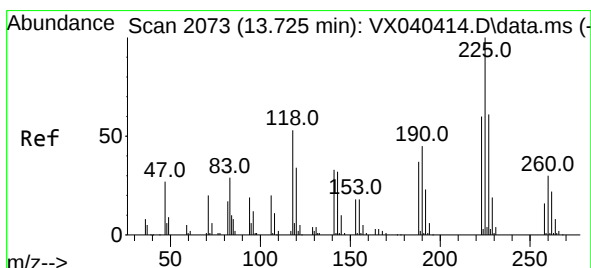
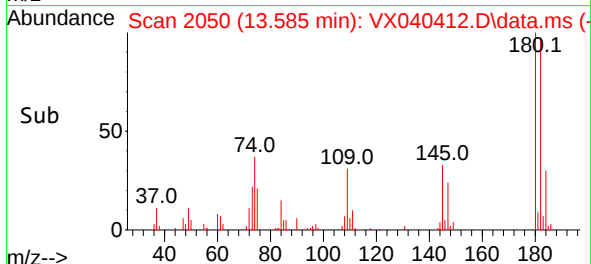
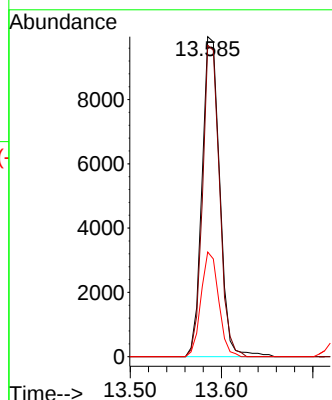
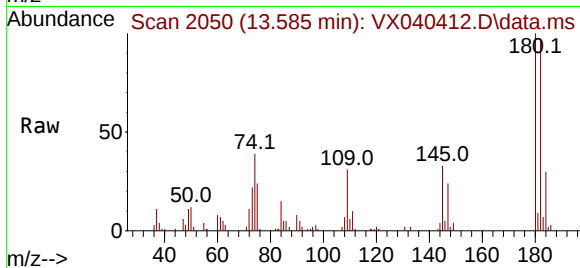
Tgt Ion:180 Resp: 13411

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

145 32.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 9.715 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

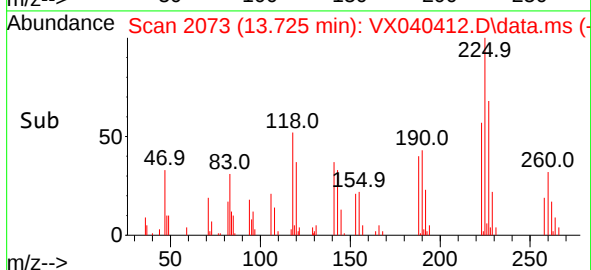
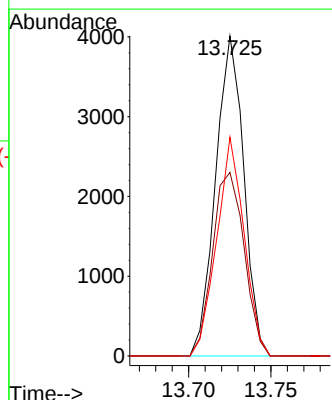
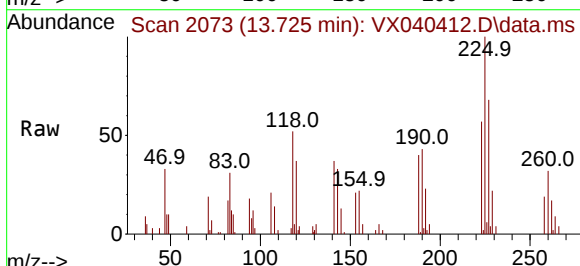
Tgt Ion:225 Resp: 4779

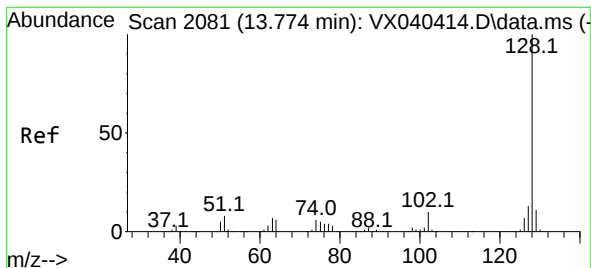
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.2

227 66.5 32.5 97.5





#95

Naphthalene

Concen: 9.892 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

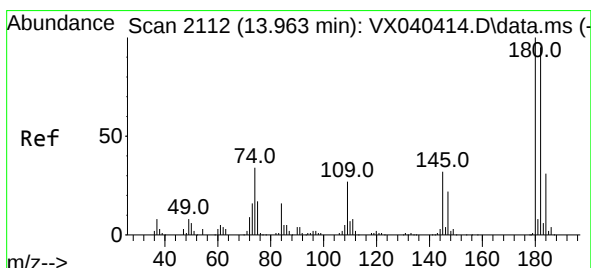
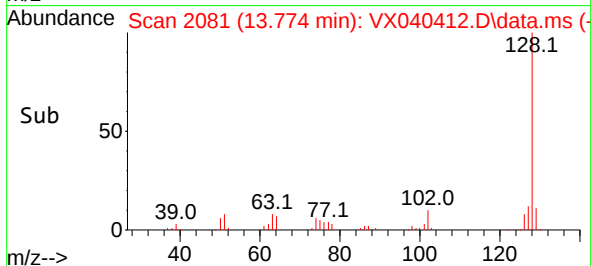
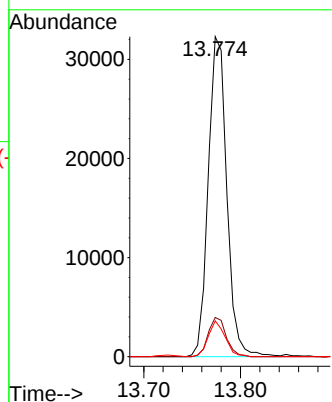
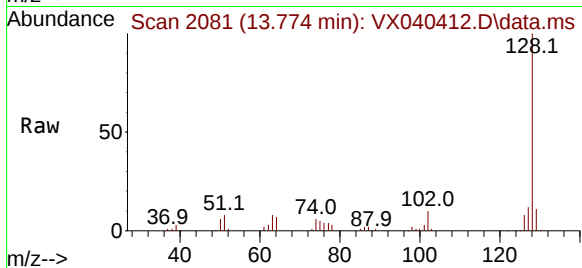
Tgt Ion:128 Resp: 43114

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 10.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 10.124 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040412.D

Acq: 22 Feb 2024 21:56

Tgt Ion:180 Resp: 13238

Ion Ratio Lower Upper

180 100

182 91.6 46.9 140.6

145 35.4 17.8 53.5

