

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030014.D
 Acq On : 12 Jul 2022 12:43
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 27 08:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	197790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	44727	18.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.160%#
35) Dibromofluoromethane	5.391	113	40637	18.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.380%#
50) Toluene-d8	8.653	98	156914	19.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.380%#
62) 4-Bromofluorobenzene	11.079	95	52530	18.509	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.020%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48081	20.826	ug/l	99
3) Chloromethane	1.288	50	44454	21.568	ug/l	98
4) Vinyl Chloride	1.374	62	49774	21.742	ug/l	98
5) Bromomethane	1.605	94	20630	21.214	ug/l	100
6) Chloroethane	1.685	64	27083	21.008	ug/l	93
7) Trichlorofluoromethane	1.886	101	62728	21.217	ug/l	97
8) Diethyl Ether	2.136	74	24708	20.201	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	41388	20.506	ug/l	97
10) Methyl Iodide	2.453	142	33403	18.453	ug/l	97
11) Tert butyl alcohol	2.977	59	58435	94.047	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43276	21.475	ug/l	90
13) Acrolein	2.239	56	11828	95.581	ug/l	99
14) Allyl chloride	2.666	41	72528	20.595	ug/l	98
15) Acrylonitrile	3.068	53	146078	103.446	ug/l	99
16) Acetone	2.386	43	111646	98.418	ug/l	99
17) Carbon Disulfide	2.514	76	116179	20.379	ug/l	98
18) Methyl Acetate	2.709	43	66465	19.259	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	131408	20.630	ug/l	95
20) Methylene Chloride	2.788	84	48381	19.961	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44847	21.351	ug/l	92
22) Diisopropyl ether	3.763	45	140508	20.383	ug/l	99
23) Vinyl Acetate	3.727	43	613906	105.202	ug/l	99
24) 1,1-Dichloroethane	3.611	63	77735	20.351	ug/l	99
25) 2-Butanone	4.562	43	193442	100.105	ug/l	96
26) 2,2-Dichloropropane	4.477	77	53776	20.041	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	51416	19.989	ug/l	98
28) Bromochloromethane	4.903	49	34570	21.513	ug/l	93
29) Tetrahydrofuran	5.013	42	132811	101.273	ug/l	99
30) Chloroform	5.092	83	76773	20.168	ug/l	97
31) Cyclohexane	5.477	56	72902	20.889	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	63294	20.344	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59153	21.060	ug/l	100
37) Ethyl Acetate	4.721	43	72530	20.096	ug/l	99
38) Carbon Tetrachloride	5.684	117	53457	20.409	ug/l	96
39) Methylcyclohexane	7.385	83	78220	21.968	ug/l	96
40) Benzene	6.044	78	186494	21.095	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40354	20.765	ug/l	98
42) 1,2-Dichloroethane	6.092	62	56342	20.564	ug/l	97
43) Isopropyl Acetate	6.348	43	110181	20.301	ug/l	100
44) Trichloroethene	7.129	130	51655	19.995	ug/l	95
45) 1,2-Dichloropropane	7.434	63	47173	20.529	ug/l	97
46) Dibromomethane	7.586	93	32002	20.234	ug/l	96
47) Bromodichloromethane	7.824	83	59888	20.868	ug/l	99
48) Methyl methacrylate	7.696	41	54030	21.576	ug/l	98
49) 1,4-Dioxane	7.671	88	28209	433.579	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	372693	103.774	ug/l	100
52) Toluene	8.720	92	116159	20.691	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61161	20.517	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	71870	21.045	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	47525	20.529	ug/l	96
56) Ethyl methacrylate	9.116	69	72525	20.837	ug/l	98
57) 1,3-Dichloropropane	9.311	76	76586	20.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	201139	106.422	ug/l	98
59) 2-Hexanone	9.433	43	288483	104.747	ug/l	100
60) Dibromochloromethane	9.525	129	46062	20.423	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49848	20.689	ug/l	100
64) Tetrachloroethene	9.275	164	50054	20.735	ug/l	96
65) Chlorobenzene	10.079	112	124499	20.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42123	20.634	ug/l	99
67) Ethyl Benzene	10.195	91	212255	20.914	ug/l	100
68) m/p-Xylenes	10.305	106	168797	42.405	ug/l	97
69) o-Xylene	10.646	106	83345	20.911	ug/l	97
70) Styrene	10.659	104	137967	20.856	ug/l	99
71) Bromoform	10.805	173	32316	19.703	ug/l #	97
73) Isopropylbenzene	10.963	105	206646	21.223	ug/l	99
74) N-amyl acetate	10.841	43	86979	20.338	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	70582	20.092	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	81672	25.402	ug/l	87
77) Bromobenzene	11.201	156	50130	20.577	ug/l	95
78) n-propylbenzene	11.305	91	240935	20.858	ug/l	99
79) 2-Chlorotoluene	11.366	91	140837	20.355	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	171000	20.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22205	19.931	ug/l	97
82) 4-Chlorotoluene	11.457	91	159896	20.626	ug/l	99
83) tert-Butylbenzene	11.719	119	162606	20.666	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	168826	20.803	ug/l	98
85) sec-Butylbenzene	11.890	105	217895	20.948	ug/l	100
86) p-Isopropyltoluene	12.012	119	172697	20.695	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	92386	20.524	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92882	20.107	ug/l	99
89) n-Butylbenzene	12.335	91	157854	21.113	ug/l	99
90) Hexachloroethane	12.542	117	29057	20.369	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	91447	19.997	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15971	19.911	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	57870	20.602	ug/l	96
94) Hexachlorobutadiene	13.725	225	21407	19.089	ug/l	94
95) Naphthalene	13.780	128	227278	20.385	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57905	20.260	ug/l	97

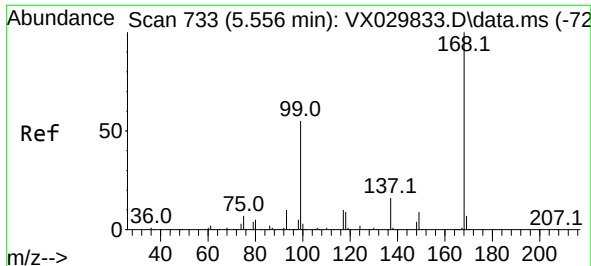
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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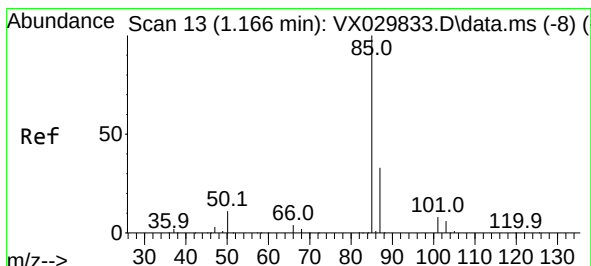
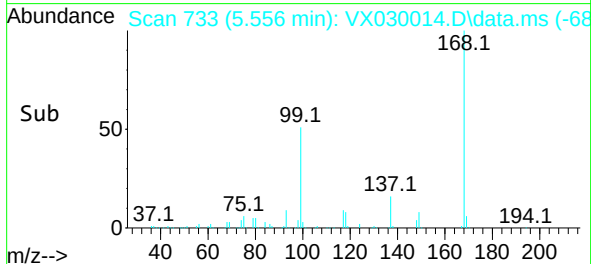
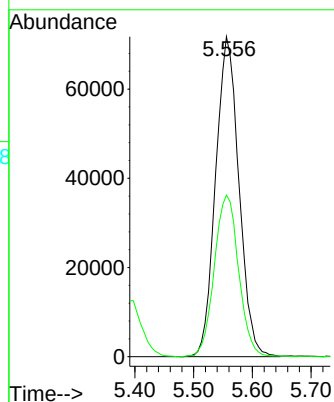
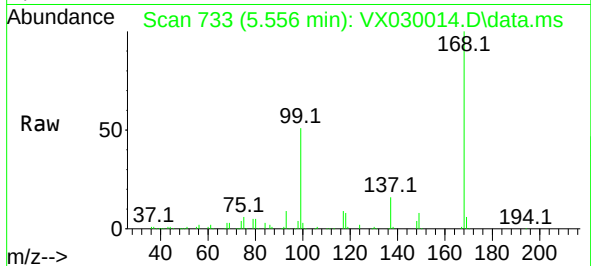
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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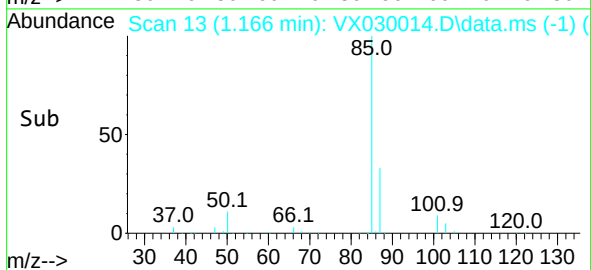
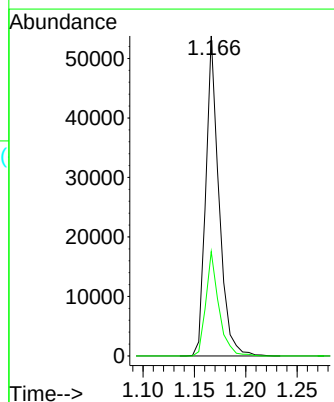
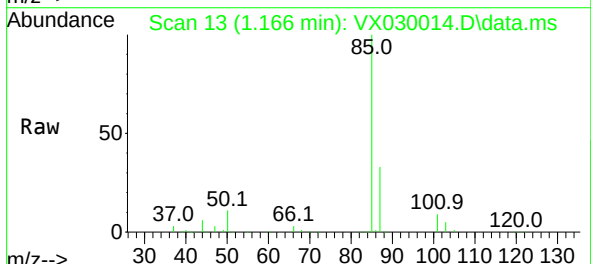
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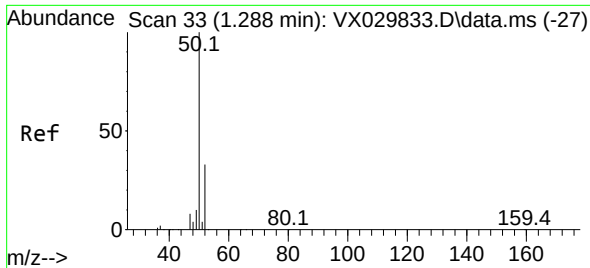
Tgt Ion:168 Resp: 197790
Ion Ratio Lower Upper
168 100
99 50.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 20.826 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 85 Resp: 48081
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5

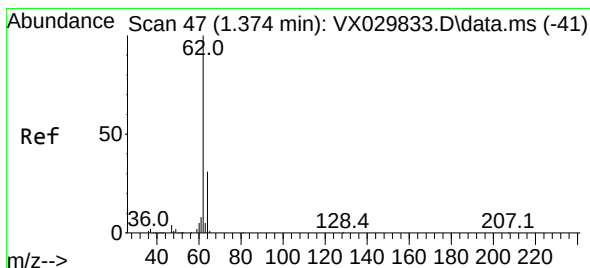
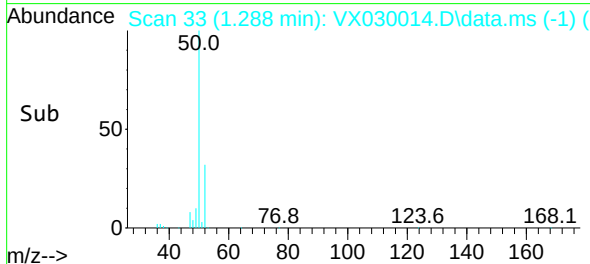
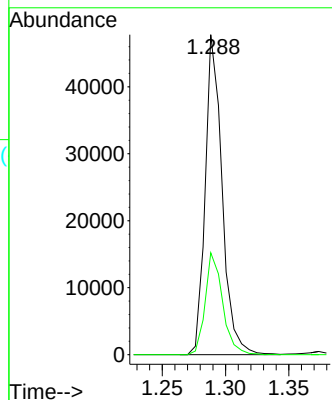
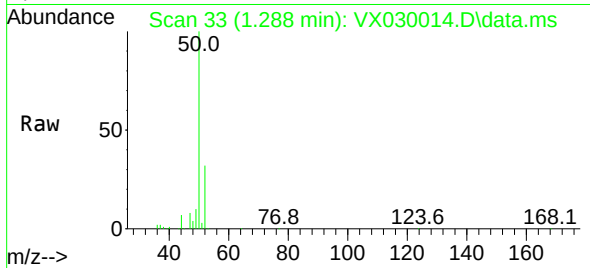




#3
Chloromethane
Concen: 21.568 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

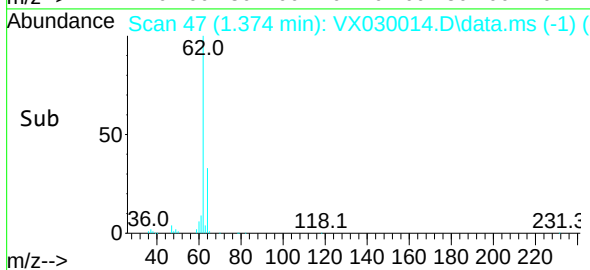
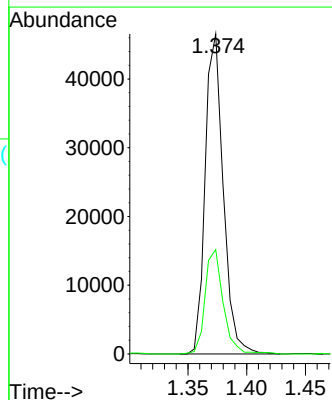
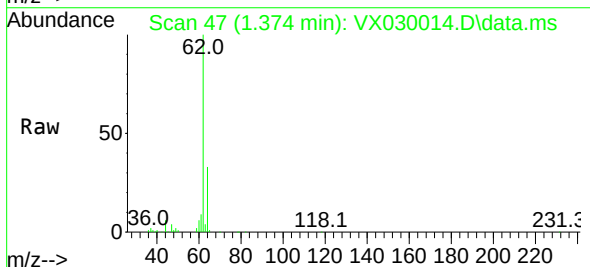
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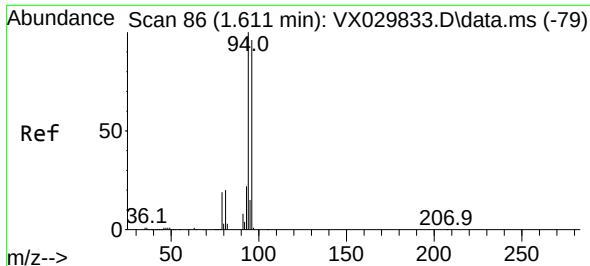
Tgt Ion: 50 Resp: 44454
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 21.742 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 62 Resp: 49774
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

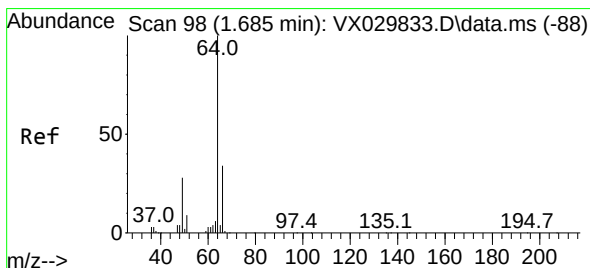
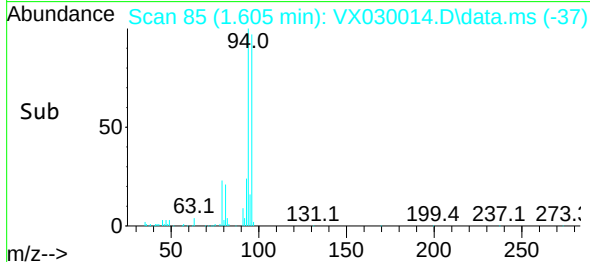
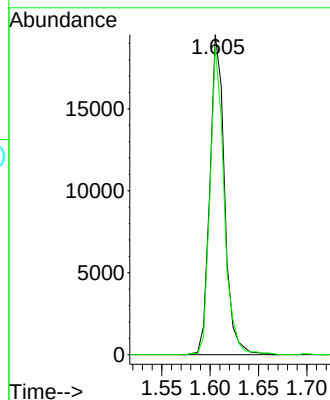
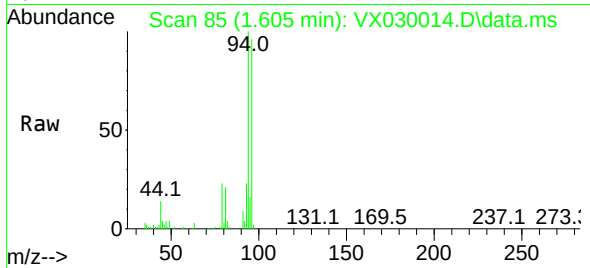




#5
Bromomethane
Concen: 21.214 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030014.D
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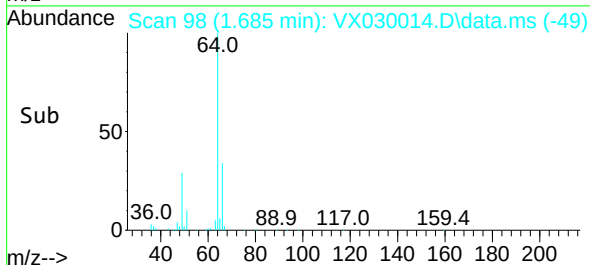
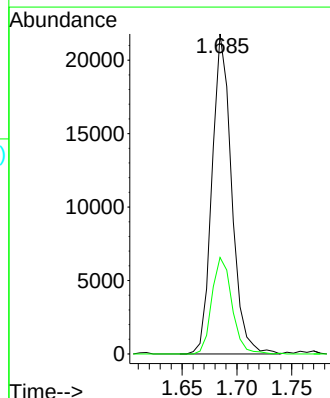
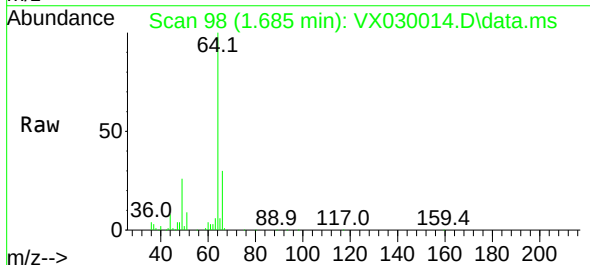
Instrument :
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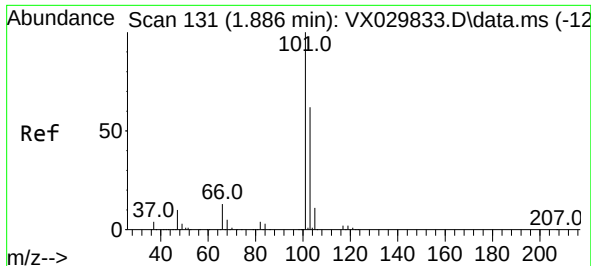
Tgt Ion: 94 Resp: 20630
Ion Ratio Lower Upper
94 100
96 96.2 76.9 115.3



#6
Chloroethane
Concen: 21.008 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 64 Resp: 27083
Ion Ratio Lower Upper
64 100
66 30.2 27.2 40.8

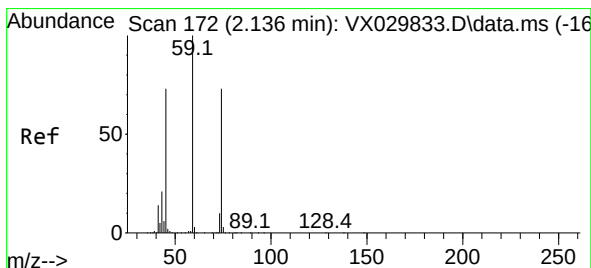
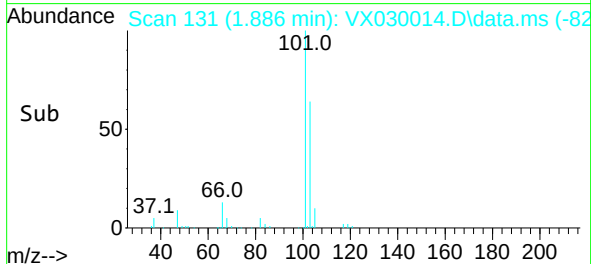
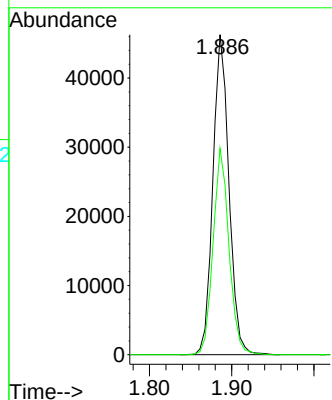
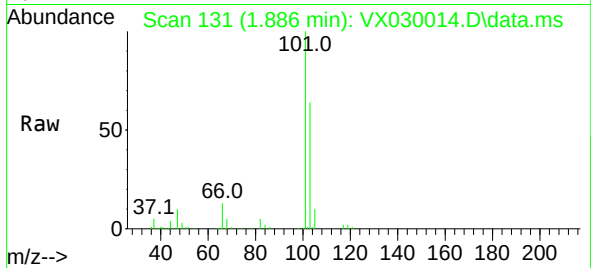




#7
Trichlorofluoromethane
Concen: 21.217 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030014.D
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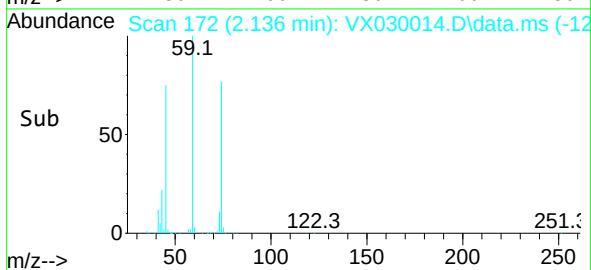
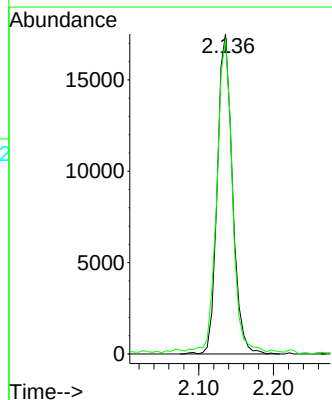
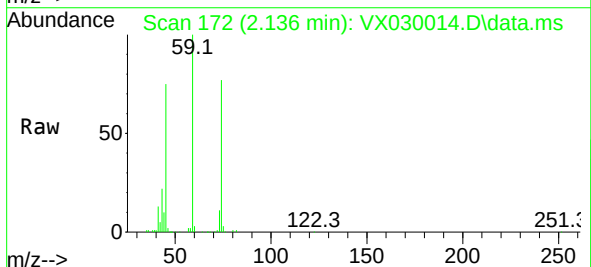
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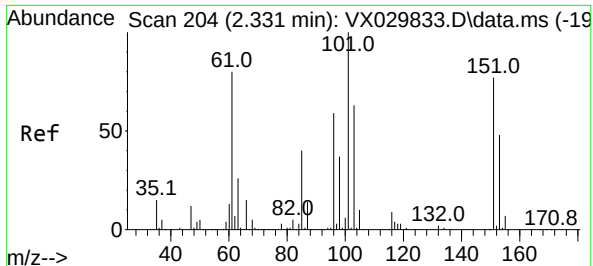
Tgt Ion:101 Resp: 62728
Ion Ratio Lower Upper
101 100
103 64.4 49.7 74.5



#8
Diethyl Ether
Concen: 20.201 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 74 Resp: 24708
Ion Ratio Lower Upper
74 100
45 100.3 51.5 154.7

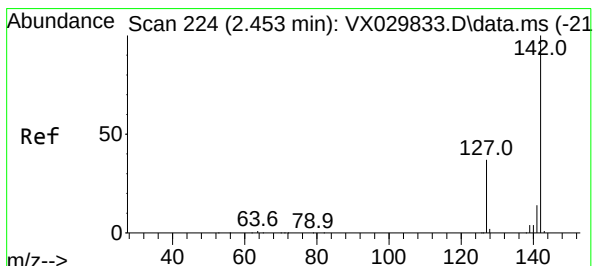
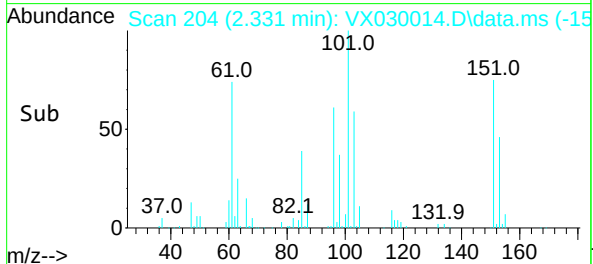
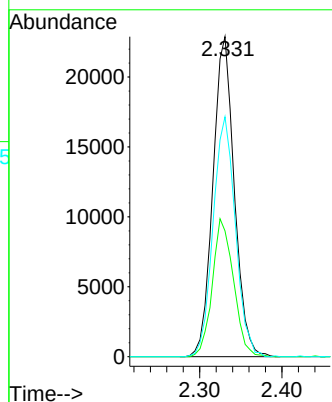
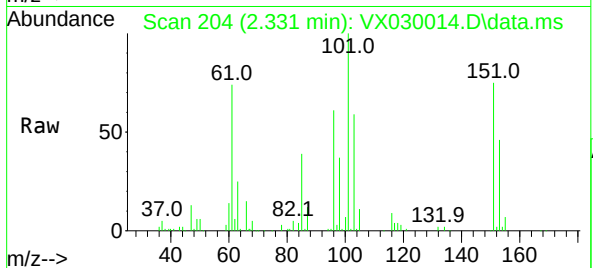




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.506 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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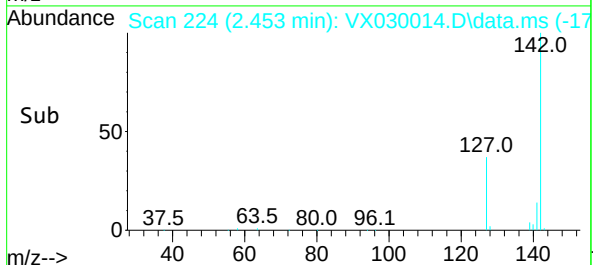
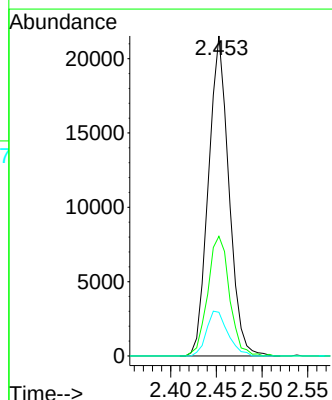
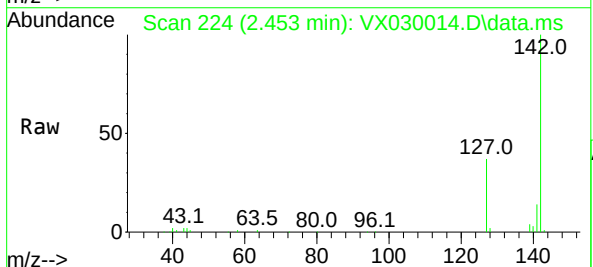
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VSTDICC020

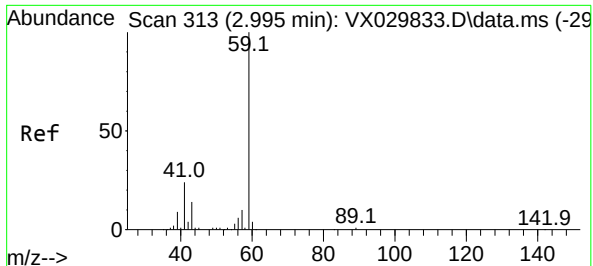
Tgt Ion:101 Resp: 41388
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 78.1 59.4 89.0



#10
Methyl Iodide
Concen: 18.453 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion:142 Resp: 33403
Ion Ratio Lower Upper
142 100
127 39.8 30.2 45.2
141 14.6 11.3 16.9

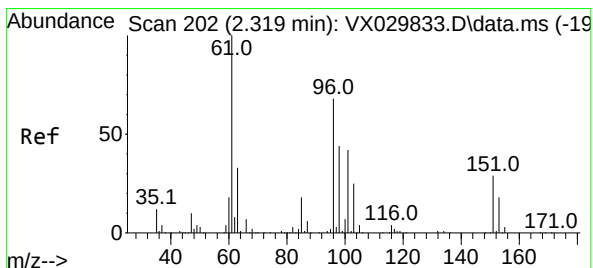
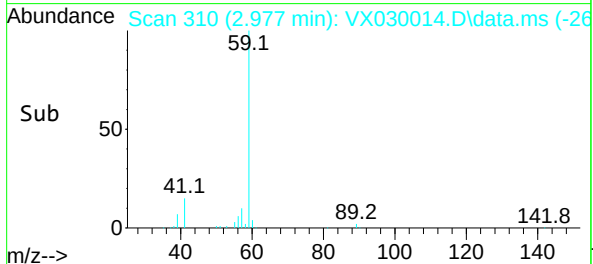
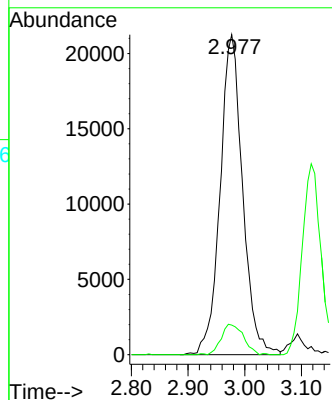
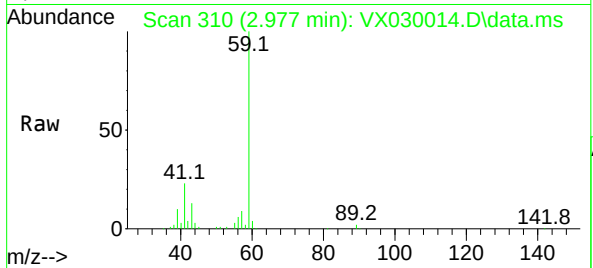




#11
Tert butyl alcohol
Concen: 94.047 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

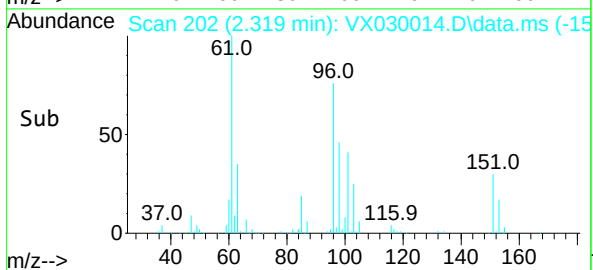
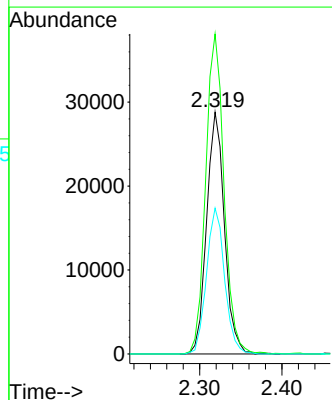
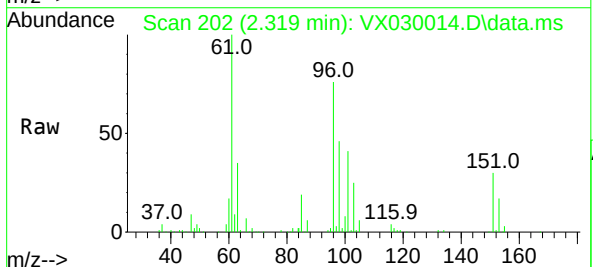
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

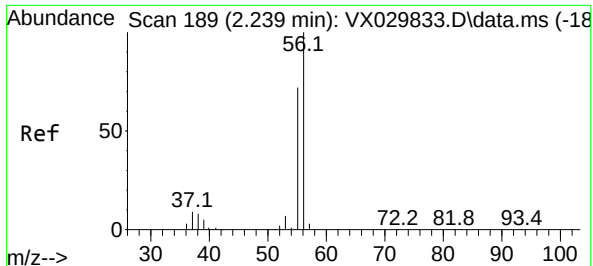
Tgt Ion: 59 Resp: 58435
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.2



#12
1,1-Dichloroethene
Concen: 21.475 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 96 Resp: 43276
Ion Ratio Lower Upper
96 100
61 132.4 117.4 176.0
98 60.3 52.2 78.4

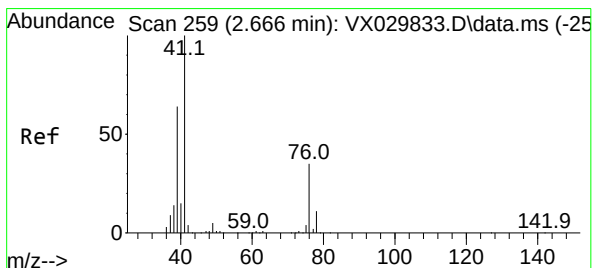
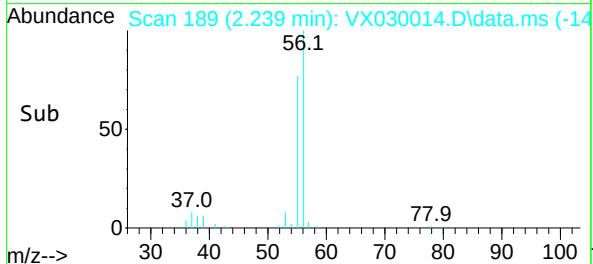
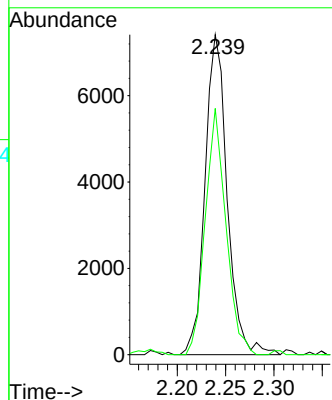
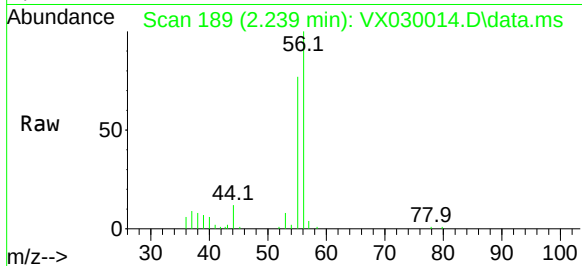




#13
Acrolein
Concen: 95.581 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

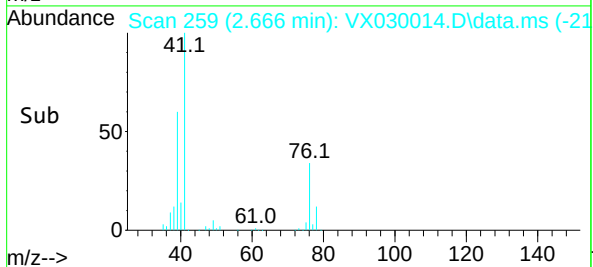
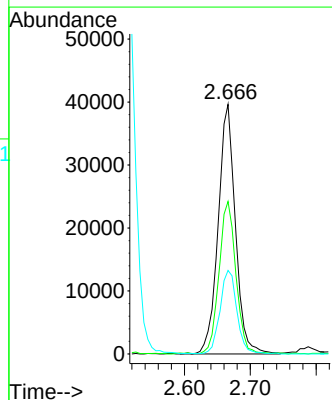
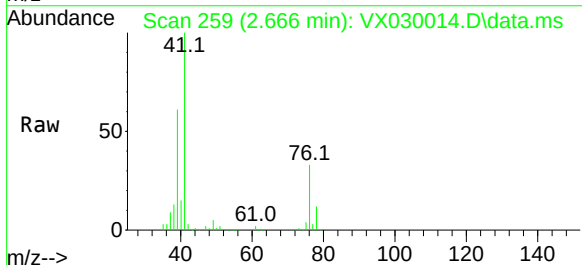
Instrument :
MSVOA_X
ClientSampleId :
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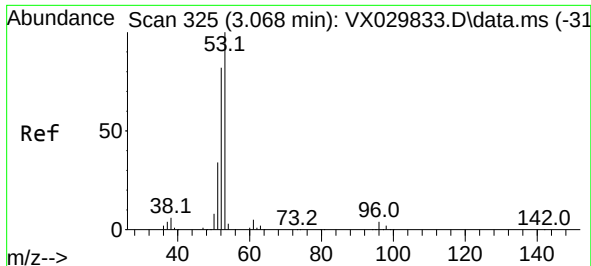
Tgt Ion: 56 Resp: 11828
Ion Ratio Lower Upper
56 100
55 71.9 56.6 84.8



#14
Allyl chloride
Concen: 20.595 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 41 Resp: 72528
Ion Ratio Lower Upper
41 100
39 59.1 48.9 73.3
76 32.8 26.9 40.3

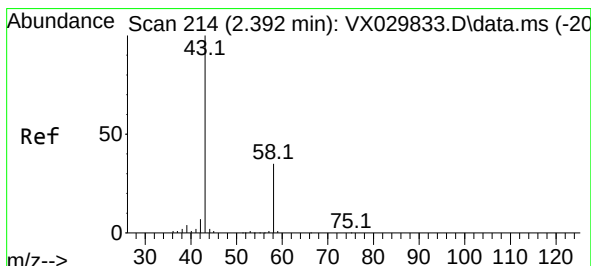
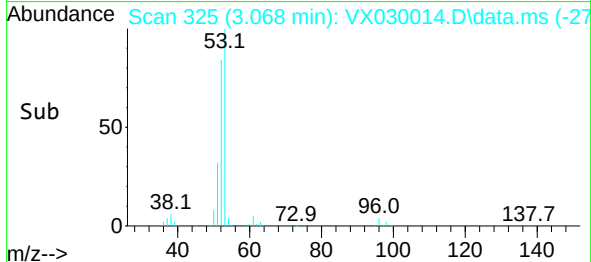
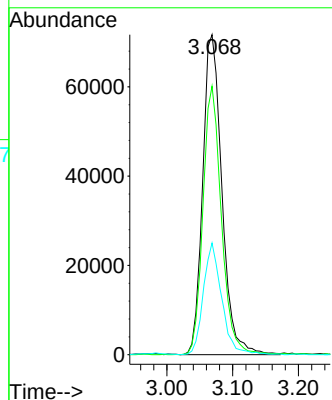
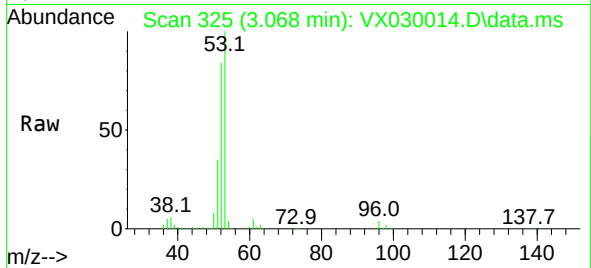




#15
Acrylonitrile
Concen: 103.446 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

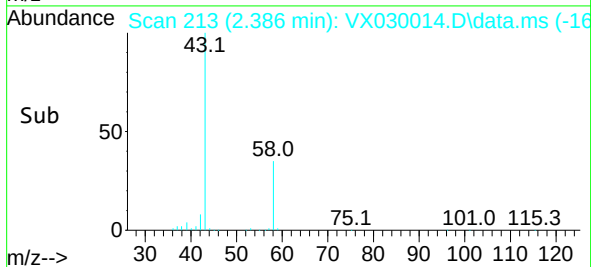
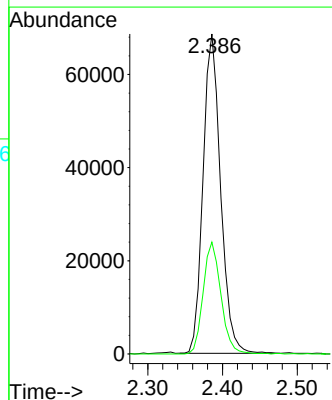
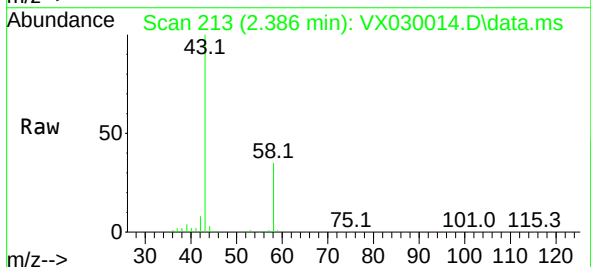
Instrument :
MSVOA_X
ClientSampleId :
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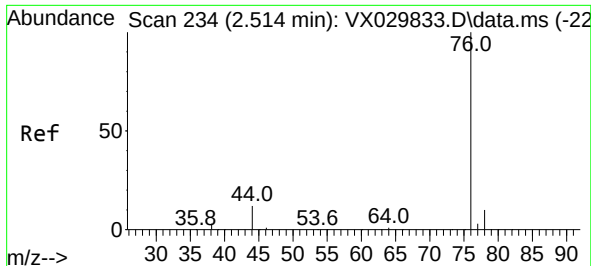
Tgt Ion: 53 Resp: 146078
Ion Ratio Lower Upper
53 100
52 80.7 65.4 98.0
51 33.4 27.7 41.5



#16
Acetone
Concen: 98.418 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 43 Resp: 111646
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5

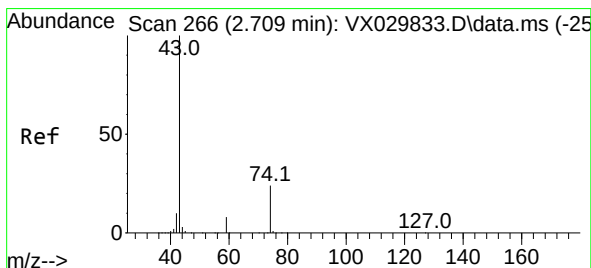
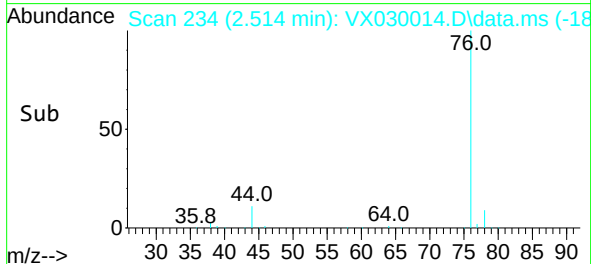
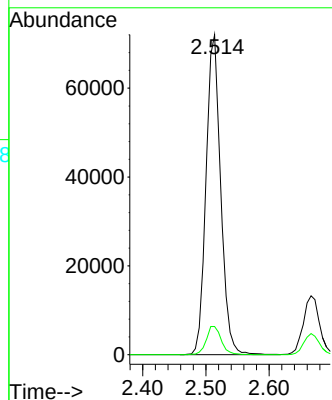
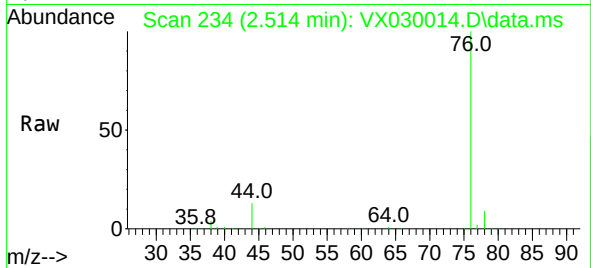




#17
Carbon Disulfide
Concen: 20.379 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

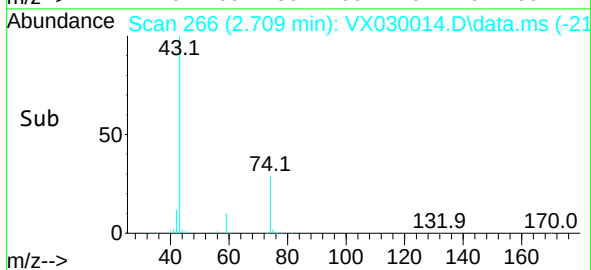
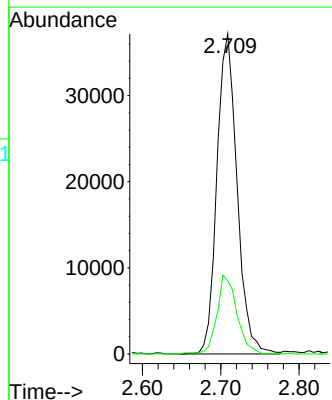
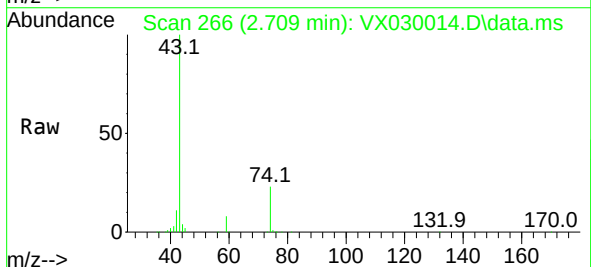
Instrument :
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ClientSampleId :
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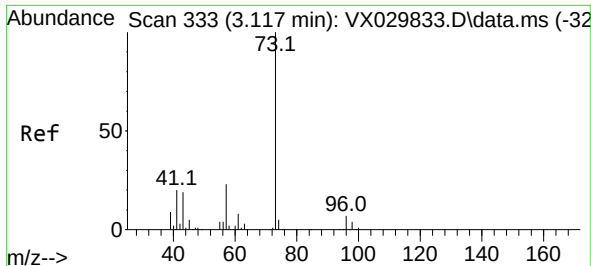
Tgt Ion: 76 Resp: 116179
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 19.259 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 43 Resp: 66465
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2

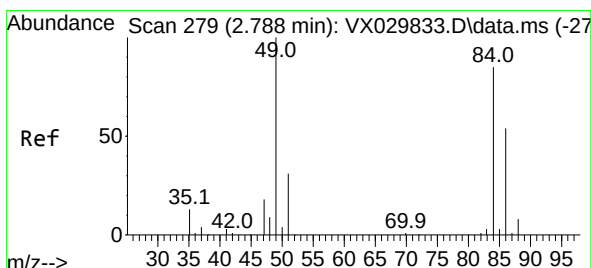
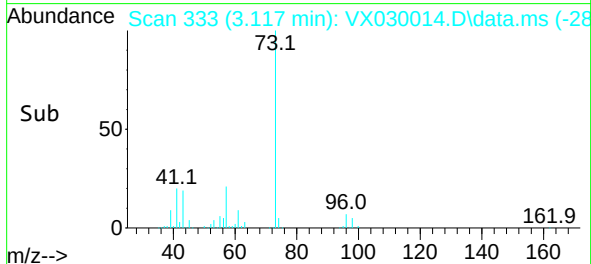
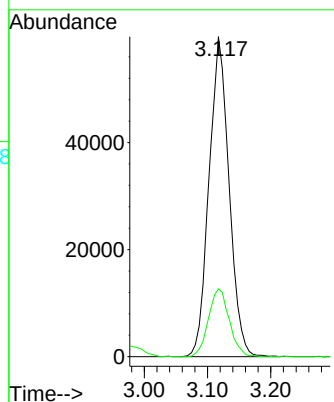
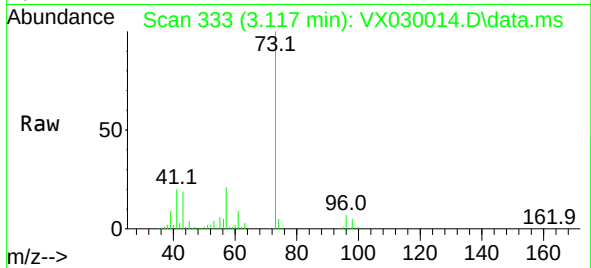




#19
Methyl tert-butyl Ether
Concen: 20.630 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

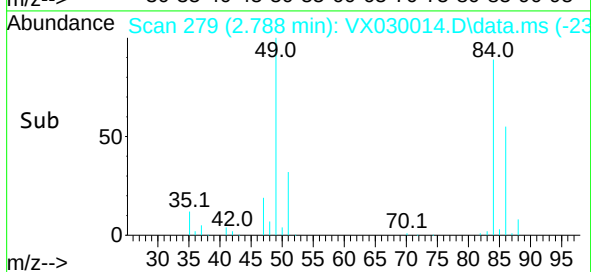
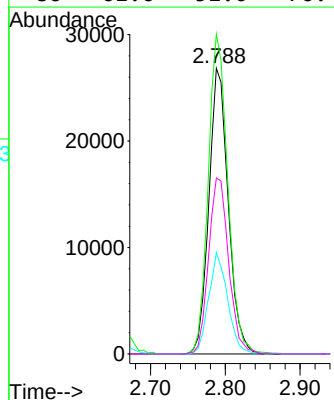
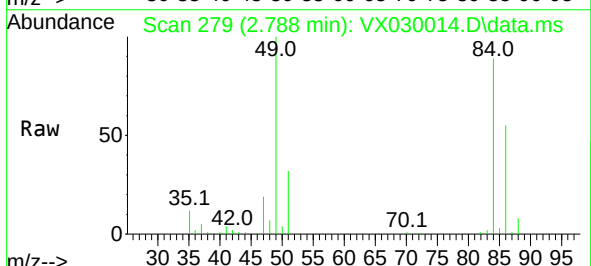
Instrument :
MSVOA_X
ClientSampleId :
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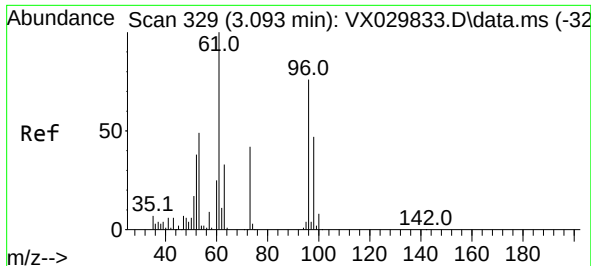
Tgt Ion: 73 Resp: 131408
Ion Ratio Lower Upper
73 100
57 21.2 19.0 28.6



#20
Methylene Chloride
Concen: 19.961 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 84 Resp: 48381
Ion Ratio Lower Upper
84 100
49 112.0 93.8 140.6
51 35.5 29.4 44.0
86 61.6 51.0 76.4

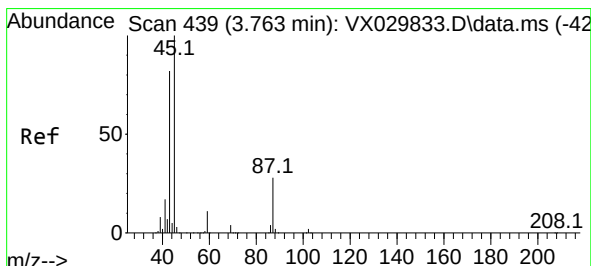
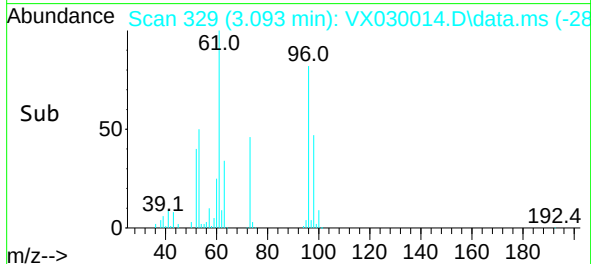
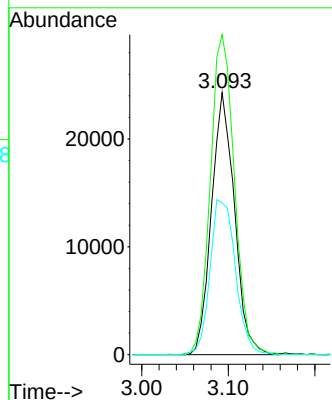
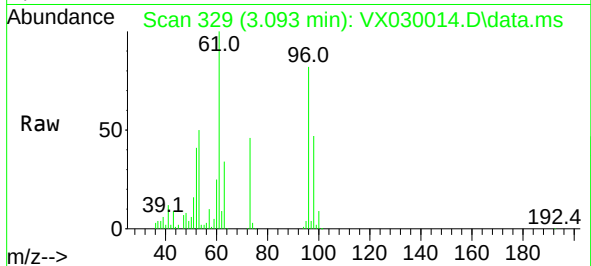




#21
trans-1,2-Dichloroethene
Concen: 21.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

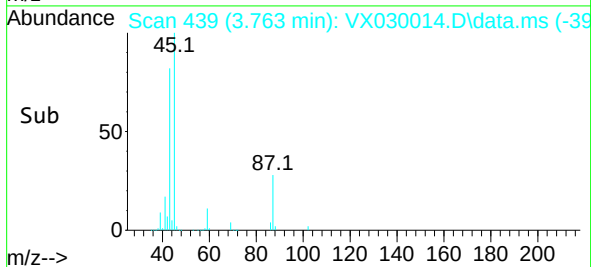
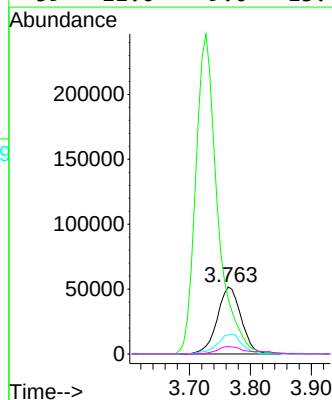
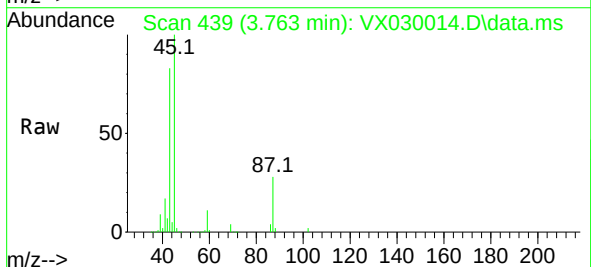
Instrument :
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ClientSampleId :
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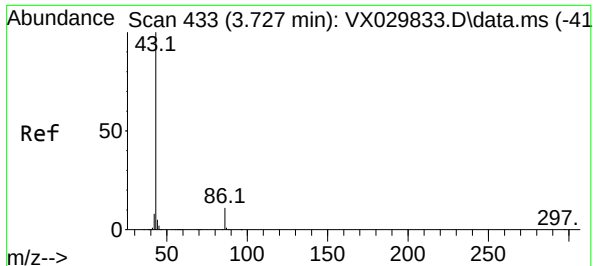
Tgt Ion: 96 Resp: 44847
Ion Ratio Lower Upper
96 100
61 122.1 105.6 158.4
98 57.9 50.1 75.1



#22
Diisopropyl ether
Concen: 20.383 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 45 Resp: 140508
Ion Ratio Lower Upper
45 100
43 81.4 65.4 98.0
87 28.4 22.3 33.5
59 11.0 9.0 13.4

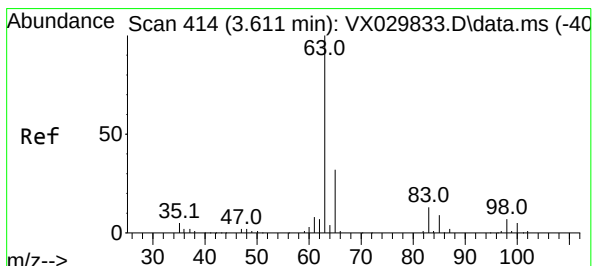
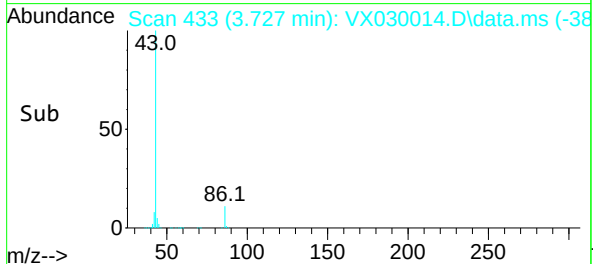
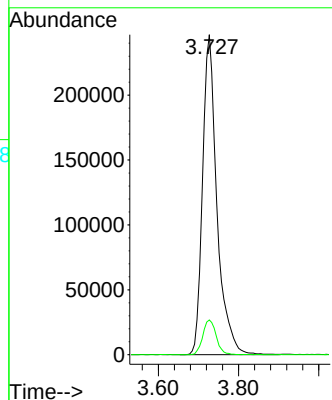
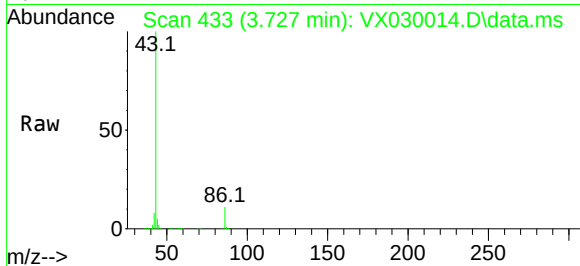




#23
 Vinyl Acetate
 Concen: 105.202 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

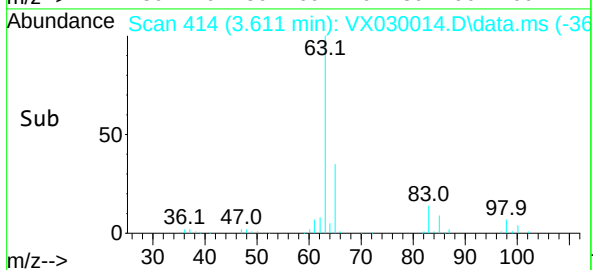
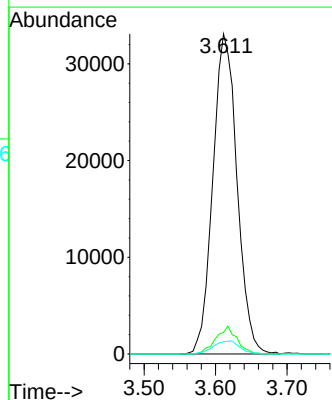
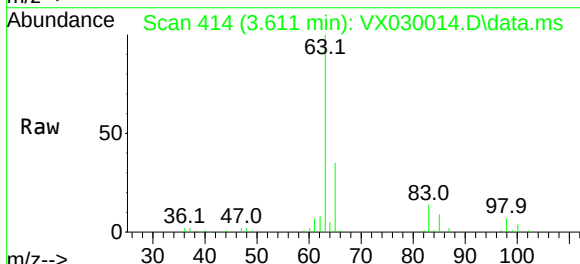
Instrument :
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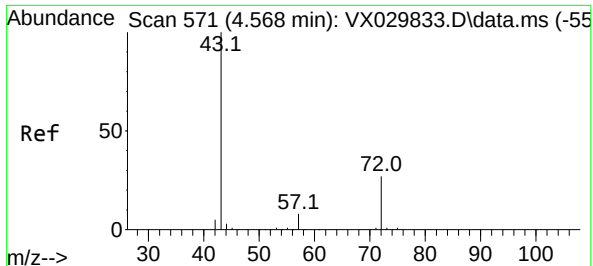
Tgt Ion: 43 Resp: 613906
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.351 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

Tgt Ion: 63 Resp: 77735
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 3.8 2.3 6.9

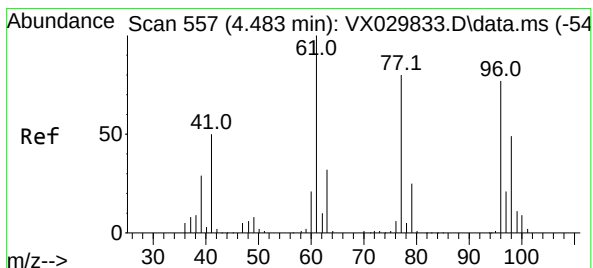
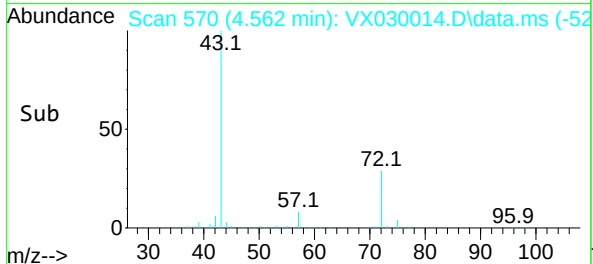
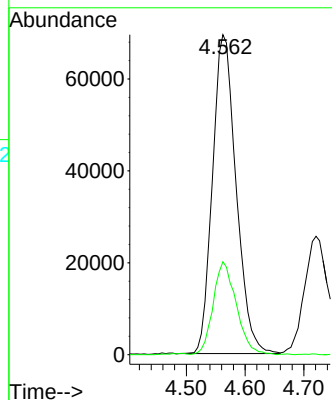
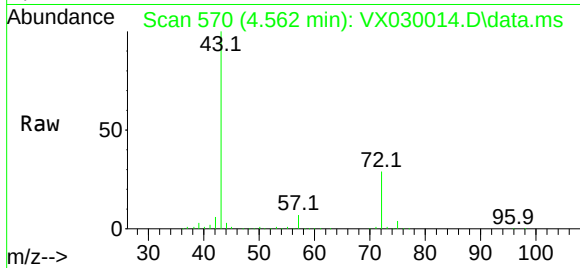




#25
2-Butanone
Concen: 100.105 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

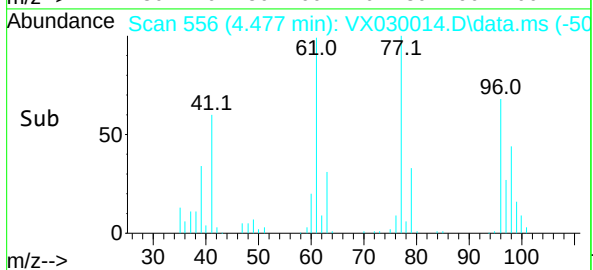
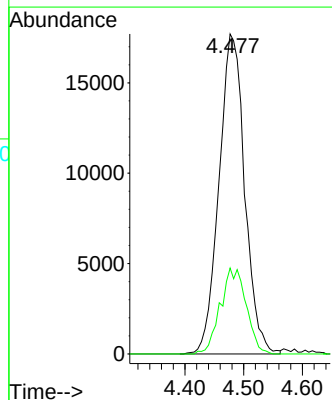
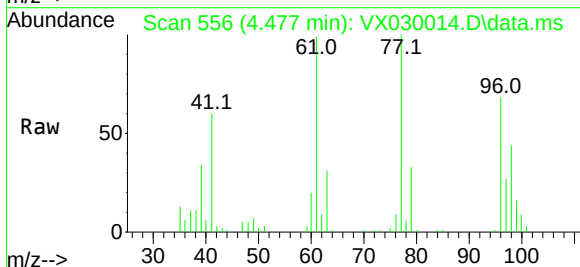
Instrument :
MSVOA_X
ClientSampleId :
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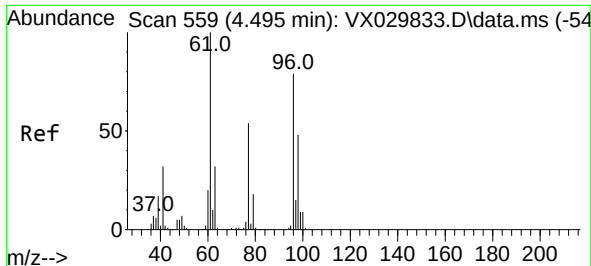
Tgt Ion: 43 Resp: 193442
Ion Ratio Lower Upper
43 100
72 29.0 21.7 32.5



#26
2,2-Dichloropropane
Concen: 20.041 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 77 Resp: 53776
Ion Ratio Lower Upper
77 100
97 27.0 13.0 39.0

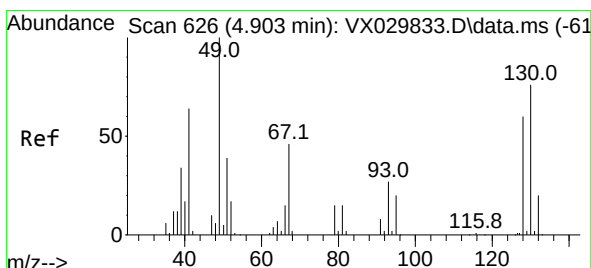
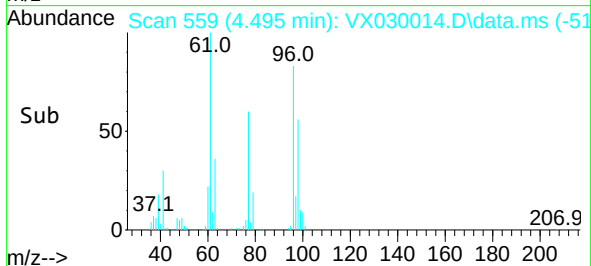
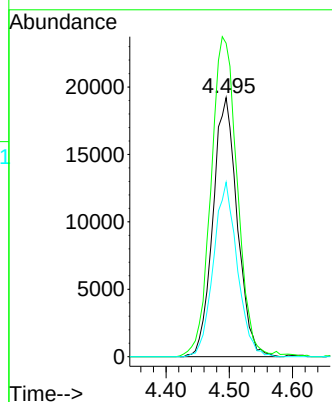
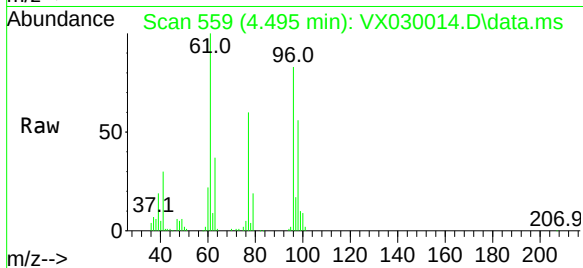




#27
 cis-1,2-Dichloroethene
 Concen: 19.989 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

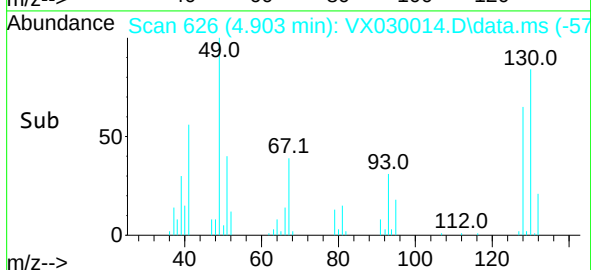
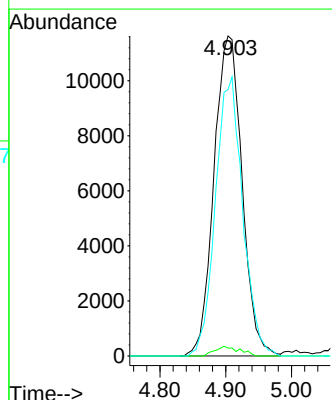
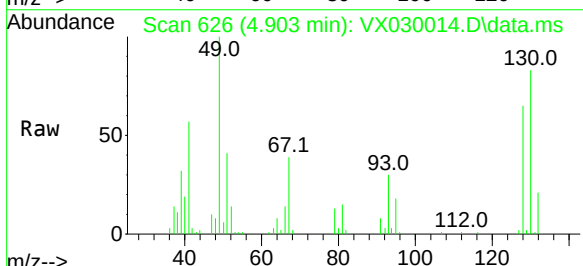
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

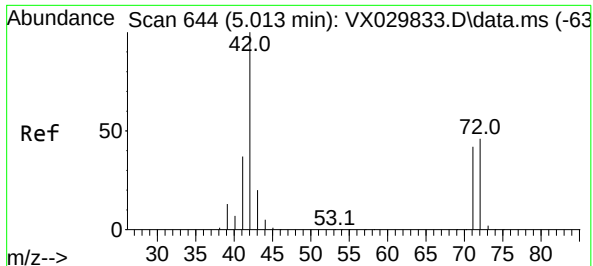
Tgt Ion: 96	Resp: 51416
Ion Ratio	Lower Upper
96 100	
61 132.8	0.0 270.0
98 65.8	0.0 127.8



#28
 Bromochloromethane
 Concen: 21.513 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

Tgt Ion: 49	Resp: 34570
Ion Ratio	Lower Upper
49 100	
129 2.6	0.0 4.4
130 84.5	62.8 94.2





#29

Tetrahydrofuran

Concen: 101.273 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

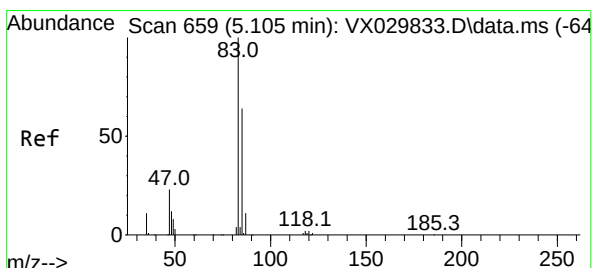
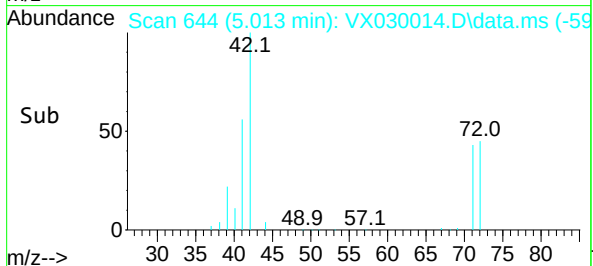
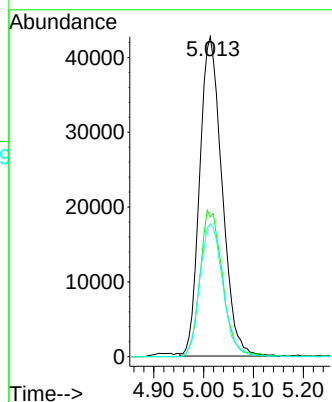
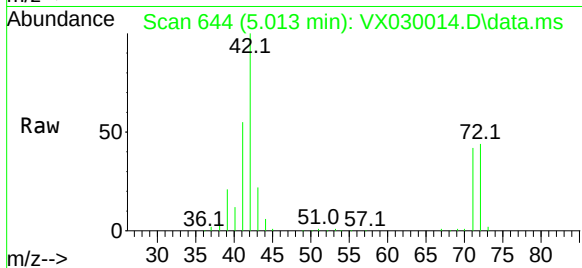
Tgt Ion: 42 Resp: 132811

Ion Ratio Lower Upper

42 100

72 46.3 36.5 54.7

71 43.1 33.9 50.9



#30

Chloroform

Concen: 20.168 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.013 min

Lab File: VX030014.D

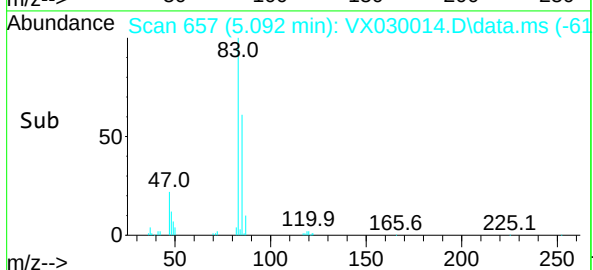
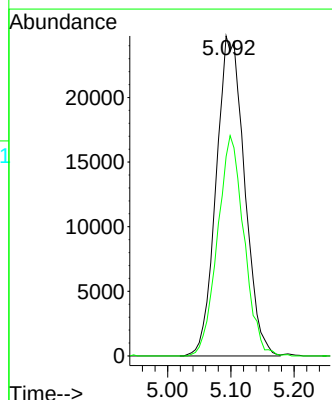
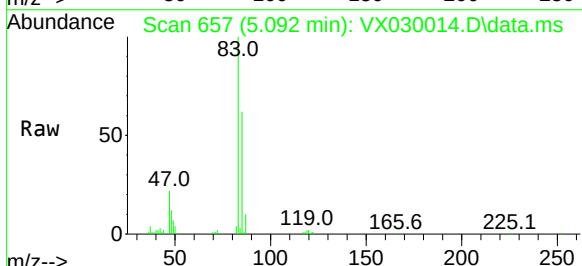
Acq: 12 Jul 2022 12:43

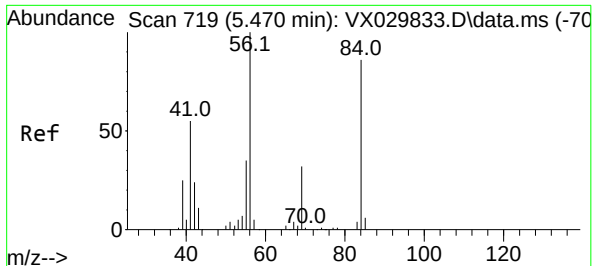
Tgt Ion: 83 Resp: 76773

Ion Ratio Lower Upper

83 100

85 62.3 51.5 77.3

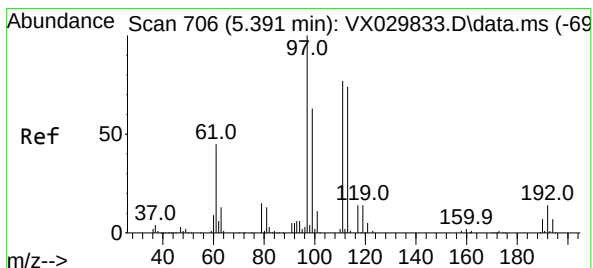
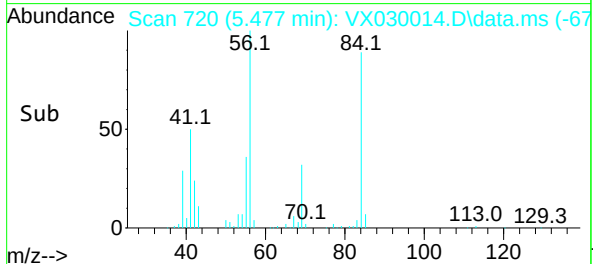
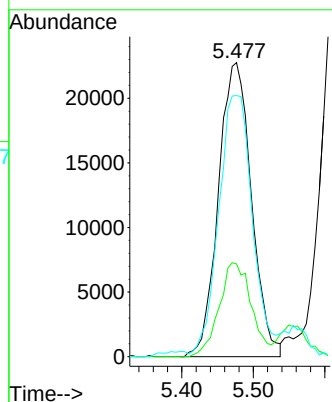
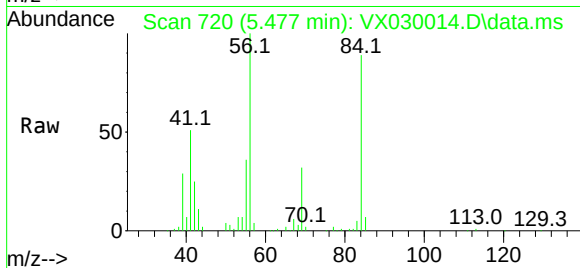




#31
Cyclohexane
Concen: 20.889 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

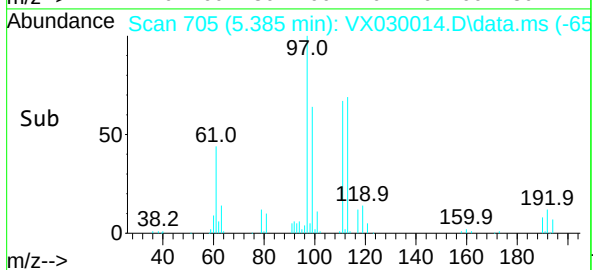
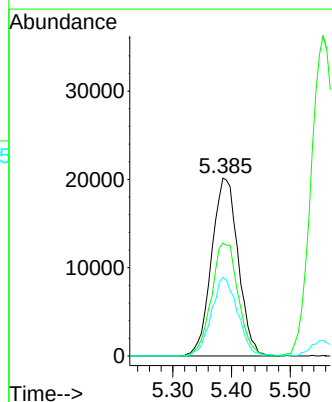
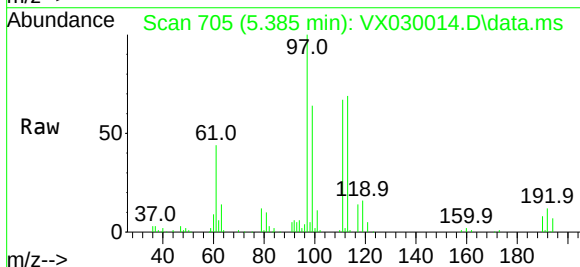
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

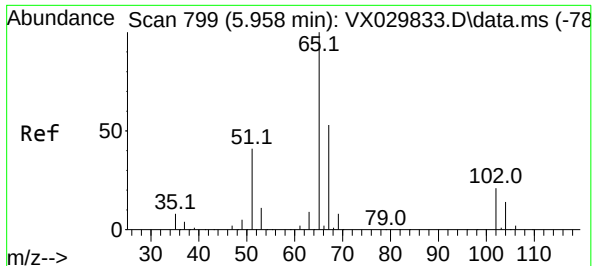
Tgt Ion: 56 Resp: 72902
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 87.0 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 97 Resp: 63294
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 43.2 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 18.578 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

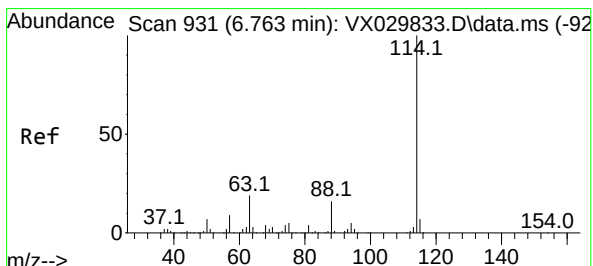
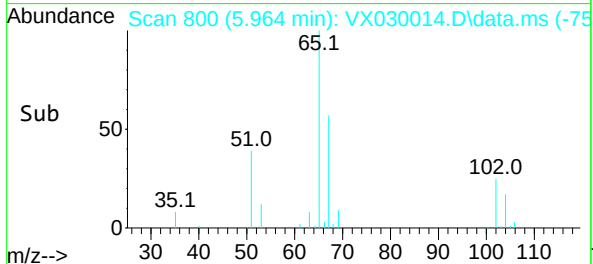
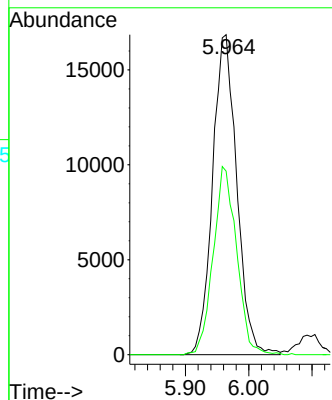
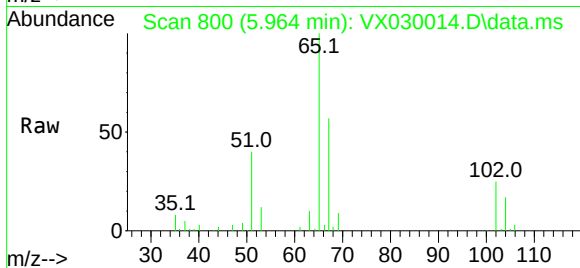
VSTDICC020

Tgt Ion: 65 Resp: 44727

Ion Ratio Lower Upper

65 100

67 56.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

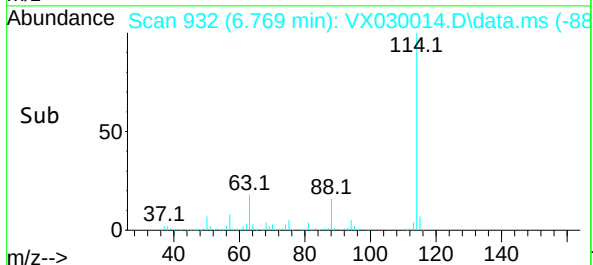
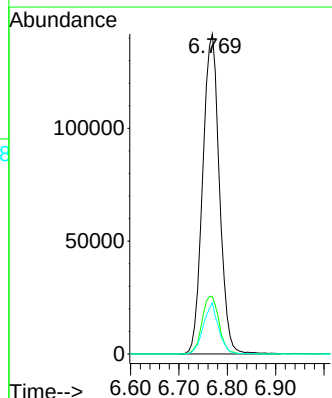
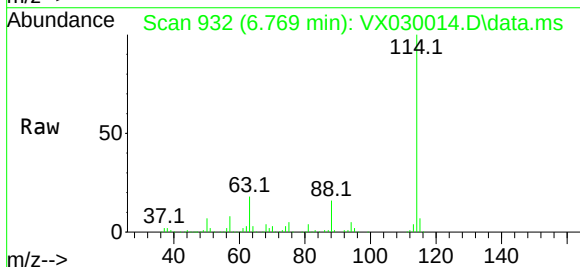
Tgt Ion: 114 Resp: 340388

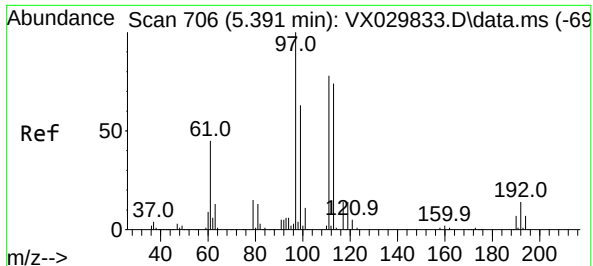
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 18.688 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

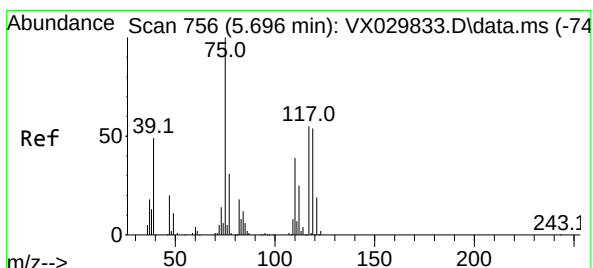
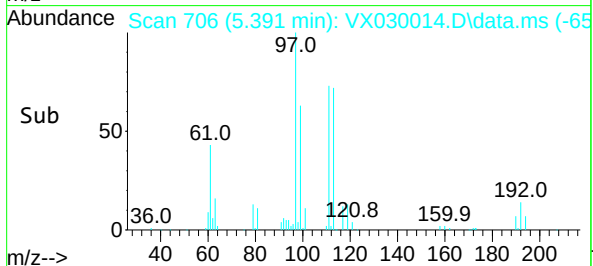
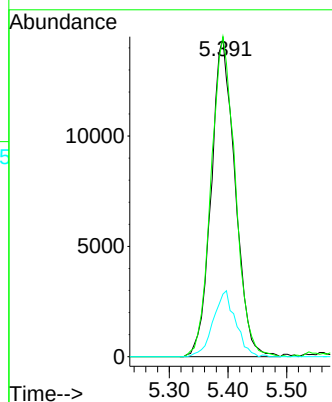
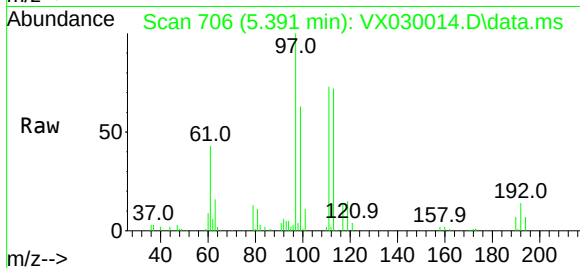
Tgt Ion:113 Resp: 40637

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 21.060 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

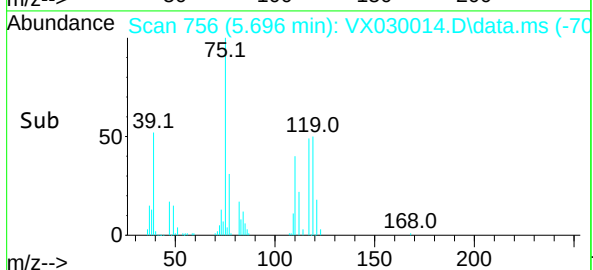
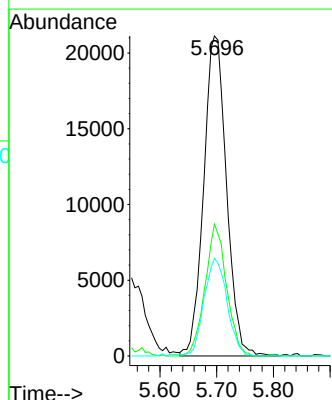
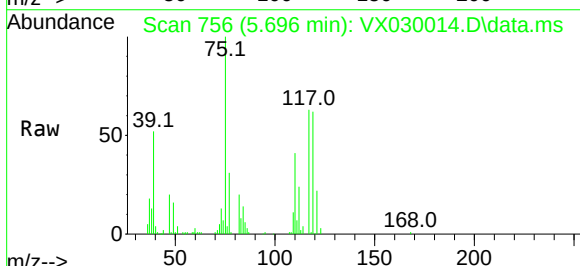
Tgt Ion: 75 Resp: 59153

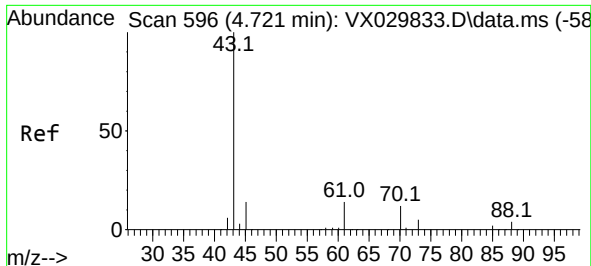
Ion Ratio Lower Upper

75 100

110 38.7 19.3 57.9

77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 20.096 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

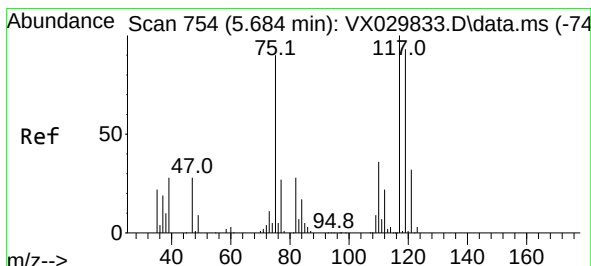
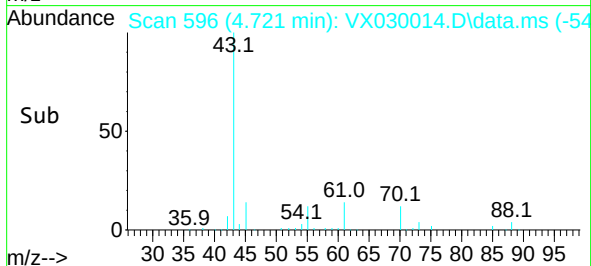
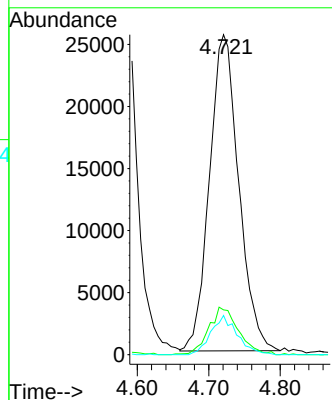
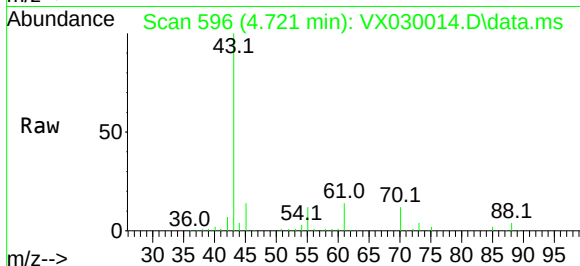
Tgt Ion: 43 Resp: 72530

Ion Ratio Lower Upper

43 100

61 15.2 11.7 17.5

70 11.2 9.3 13.9



#38

Carbon Tetrachloride

Concen: 20.409 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

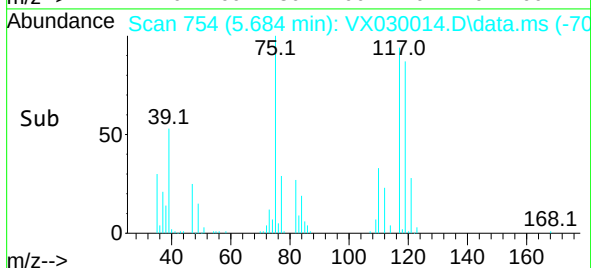
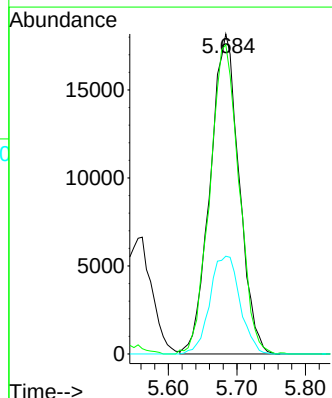
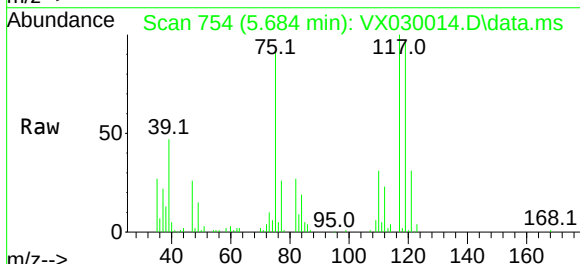
Tgt Ion: 117 Resp: 53457

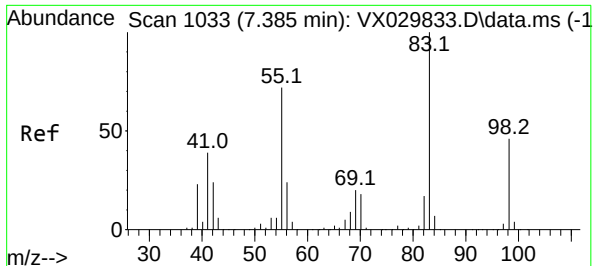
Ion Ratio Lower Upper

117 100

119 96.3 74.1 111.1

121 30.6 25.8 38.8





#39

Methylcyclohexane

Concen: 21.968 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

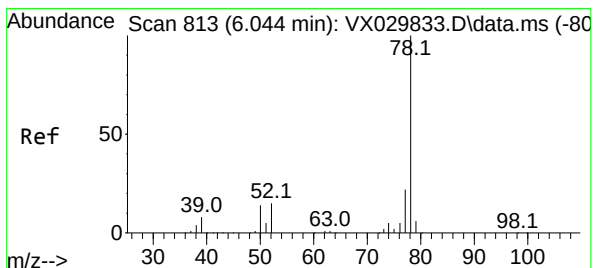
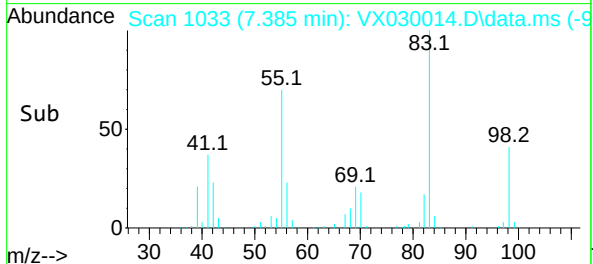
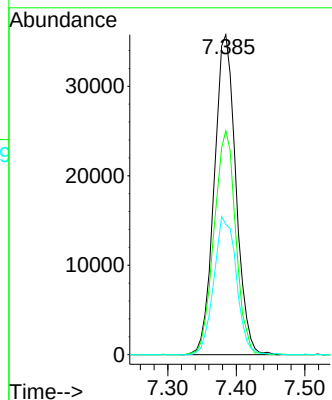
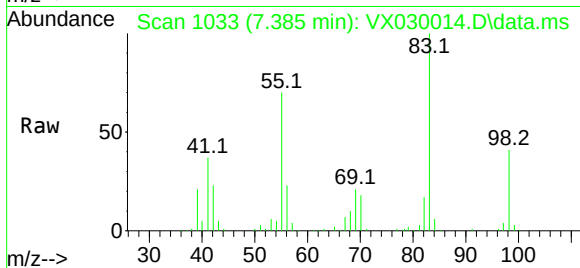
Tgt Ion: 83 Resp: 78220

Ion Ratio Lower Upper

83 100

55 70.0 57.7 86.5

98 40.7 36.5 54.7



#40

Benzene

Concen: 21.095 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030014.D

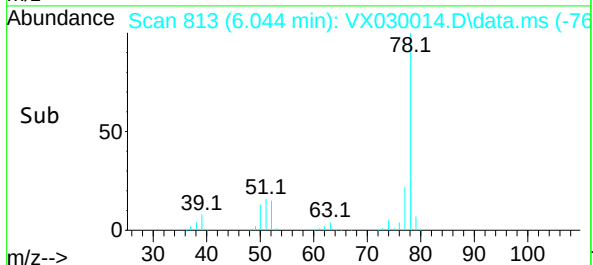
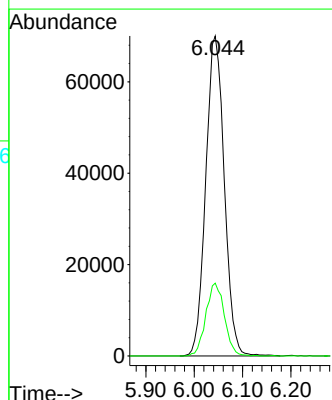
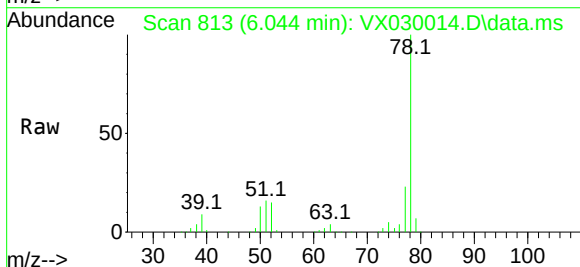
Acq: 12 Jul 2022 12:43

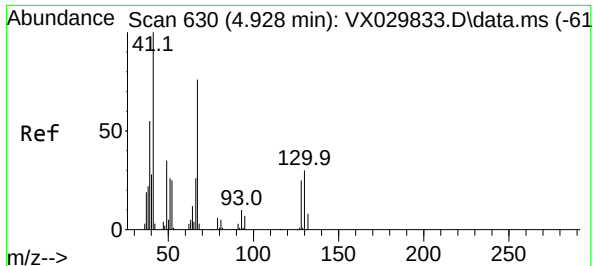
Tgt Ion: 78 Resp: 186494

Ion Ratio Lower Upper

78 100

77 22.8 18.0 27.0

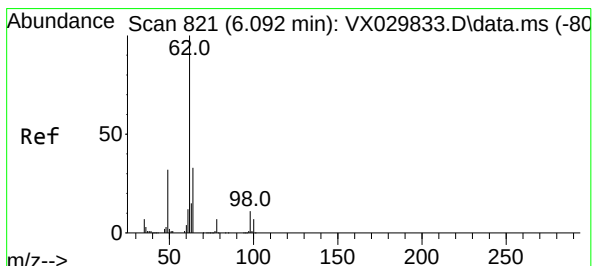
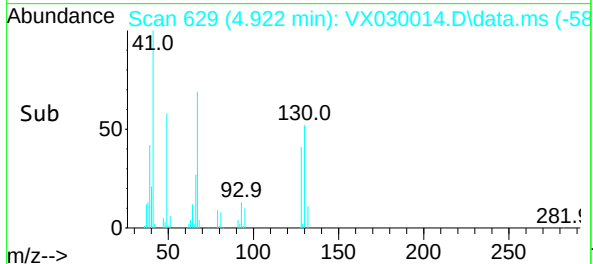
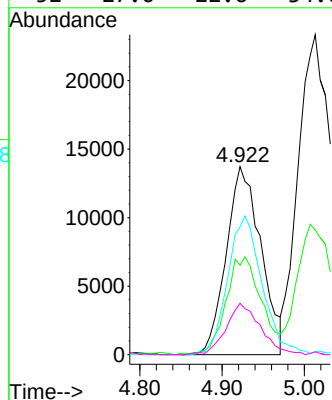
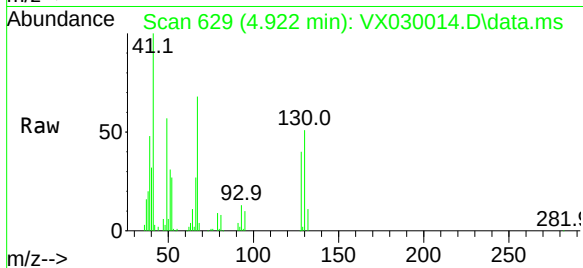




#41
Methacrylonitrile
Concen: 20.765 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

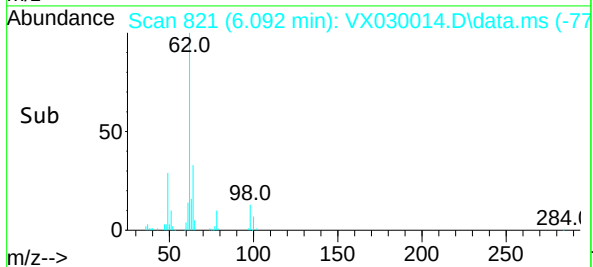
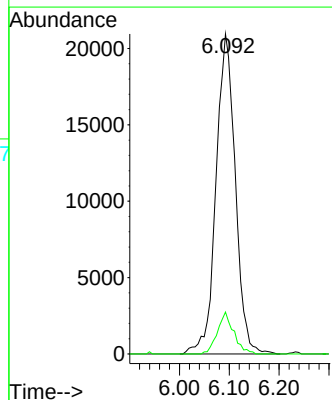
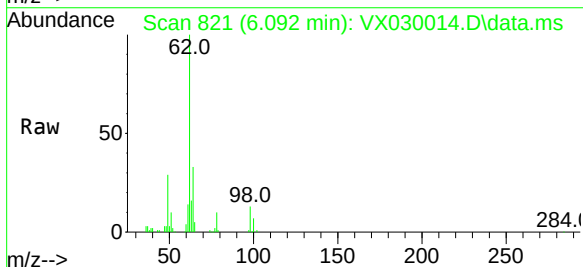
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

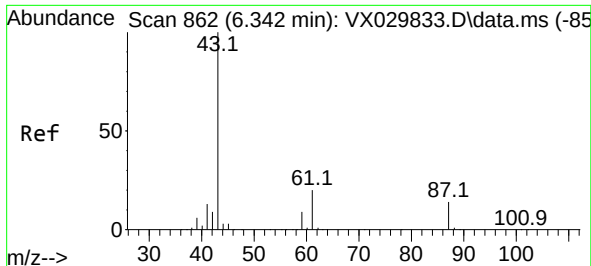
Tgt Ion:	41	Resp:	40354
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.9	64.3
67	72.9	60.1	90.1
52	27.0	22.6	34.0



#42
1,2-Dichloroethane
Concen: 20.564 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion:	62	Resp:	56342
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.301 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

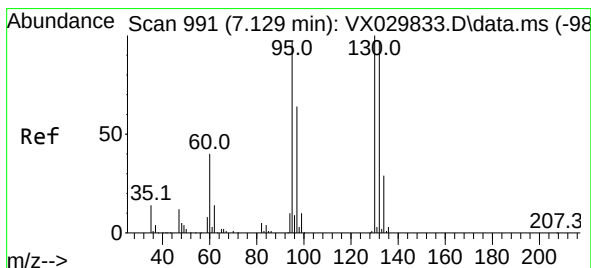
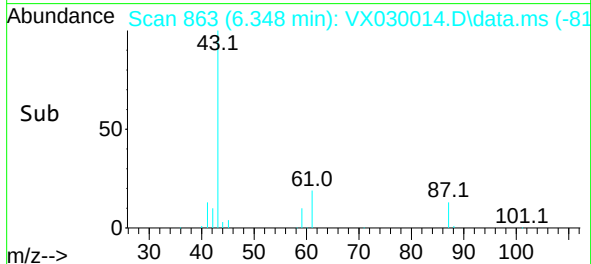
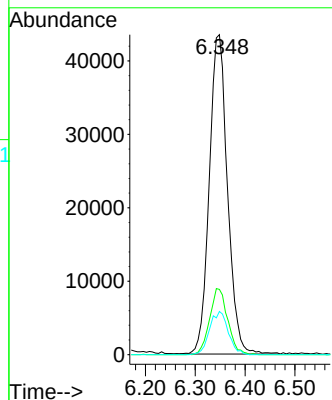
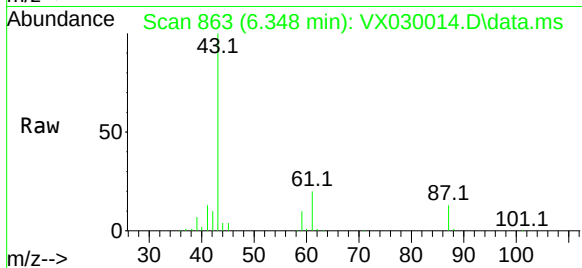
Tgt Ion: 43 Resp: 110181

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

87 13.9 11.1 16.7



#44

Trichloroethene

Concen: 19.995 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030014.D

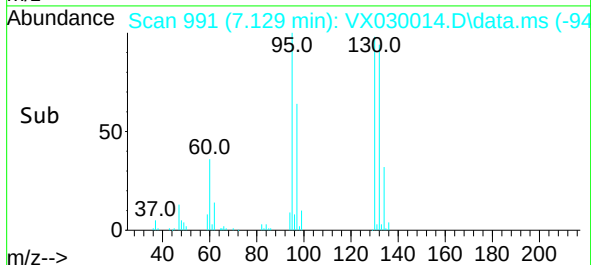
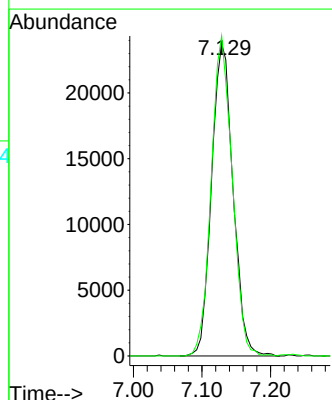
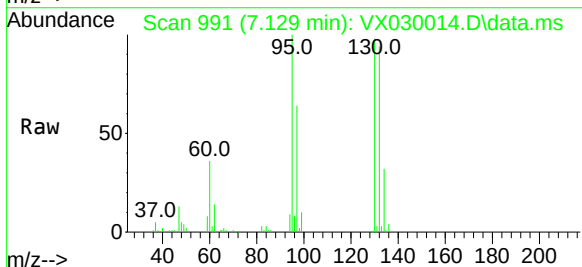
Acq: 12 Jul 2022 12:43

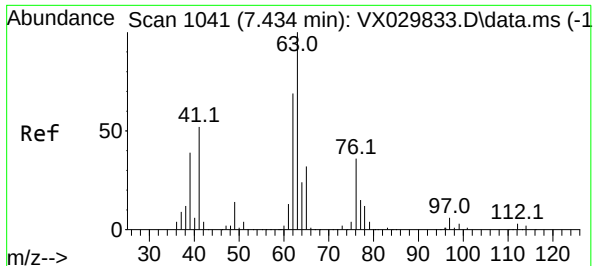
Tgt Ion: 130 Resp: 51655

Ion Ratio Lower Upper

130 100

95 102.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.529 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

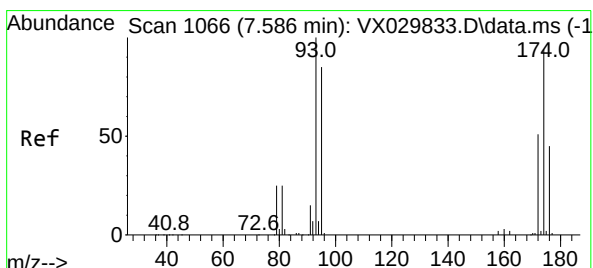
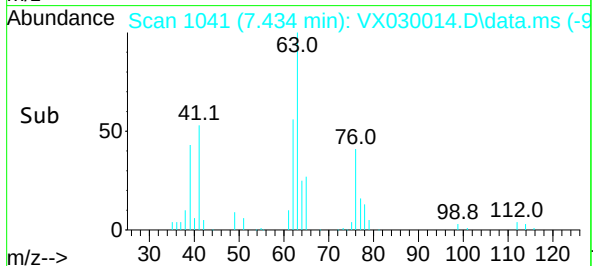
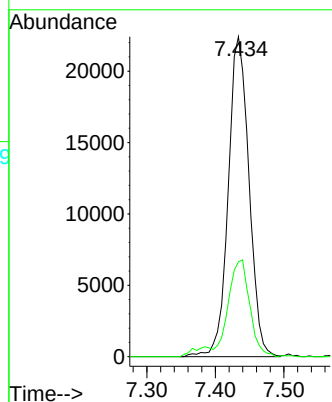
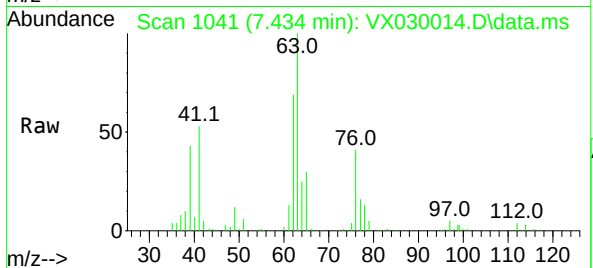
VSTDIC020

Tgt Ion: 63 Resp: 47173

Ion Ratio Lower Upper

63 100

65 29.6 25.2 37.8



#46

Dibromomethane

Concen: 20.234 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

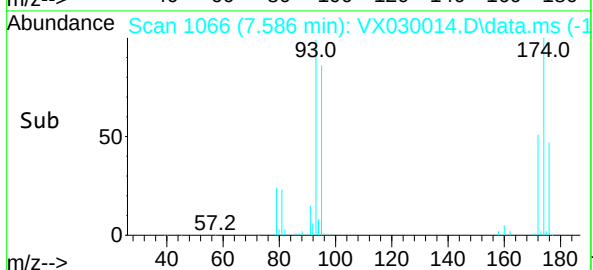
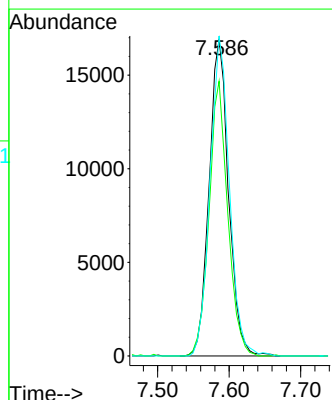
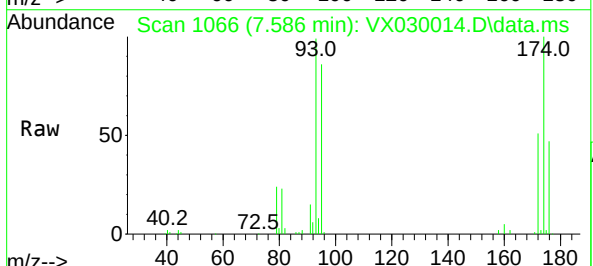
Tgt Ion: 93 Resp: 32002

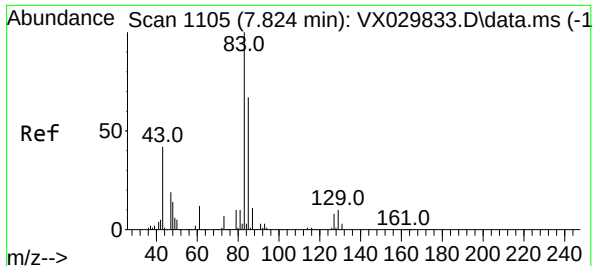
Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

174 100.4 75.6 113.4

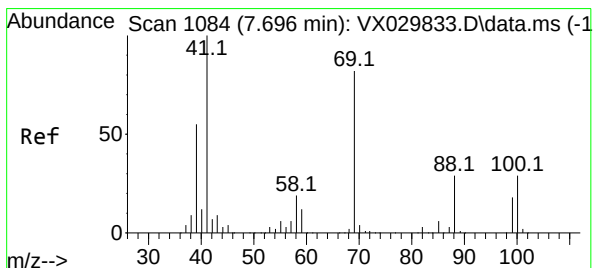
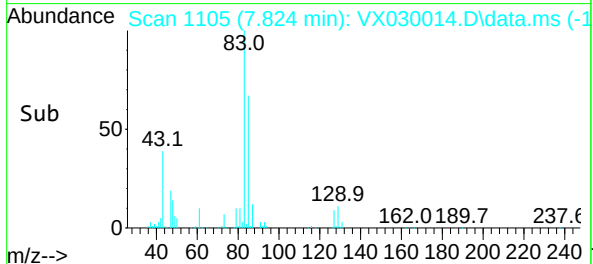
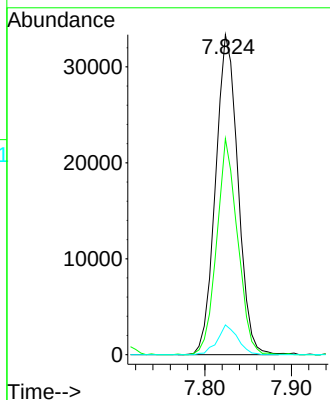
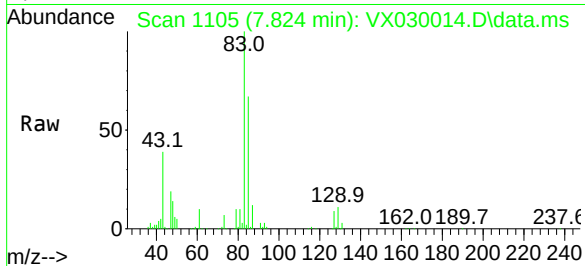




#47
Bromodichloromethane
Concen: 20.868 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

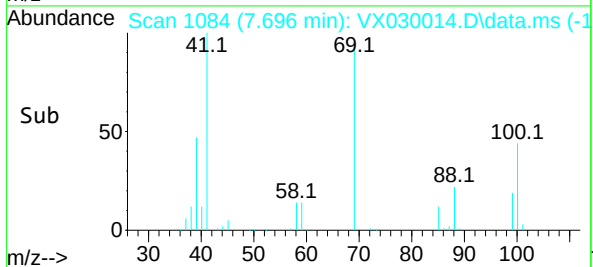
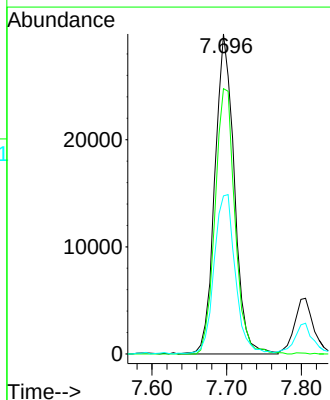
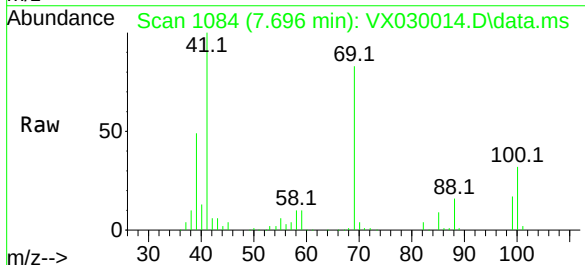
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

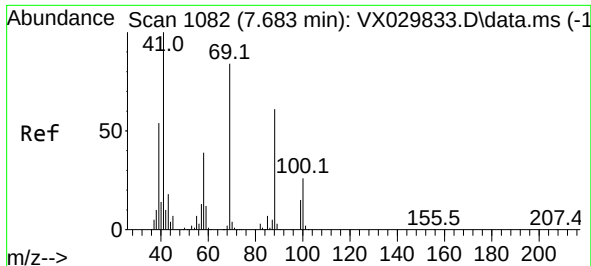
Tgt Ion: 83 Resp: 59888
Ion Ratio Lower Upper
83 100
85 67.3 53.5 80.3
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 21.576 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 41 Resp: 54030
Ion Ratio Lower Upper
41 100
69 84.7 68.8 103.2
39 54.3 44.6 66.8





#49

1,4-Dioxane

Concen: 433.579 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.012 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

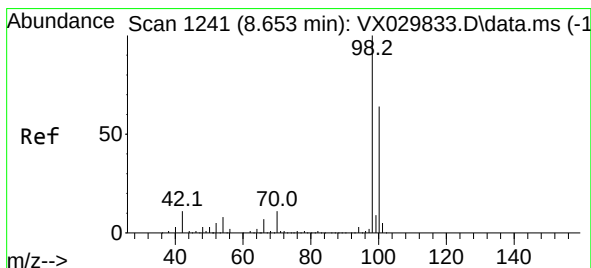
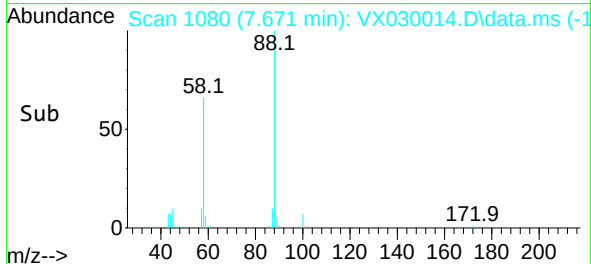
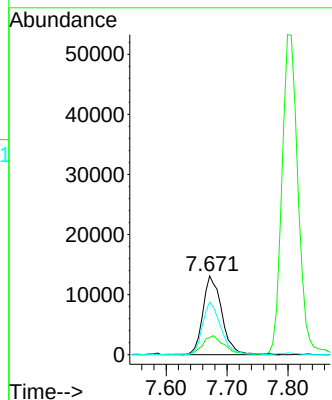
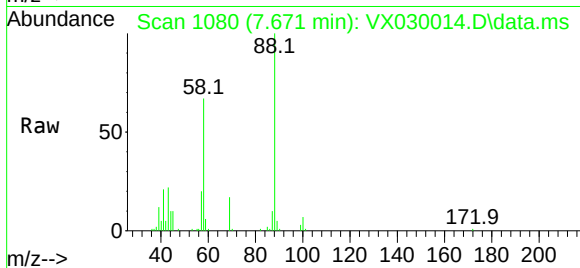
Tgt Ion: 88 Resp: 28209

Ion Ratio Lower Upper

88 100

43 28.7 23.8 35.8

58 64.8 53.8 80.6



#50

Toluene-d8

Concen: 19.187 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030014.D

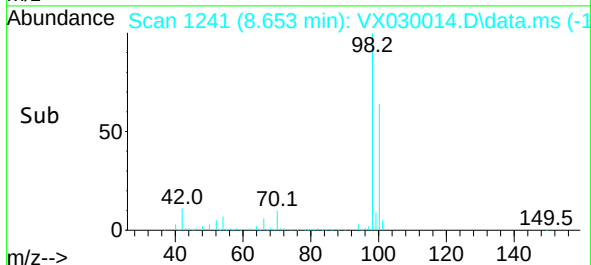
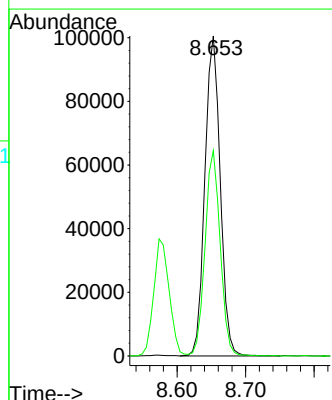
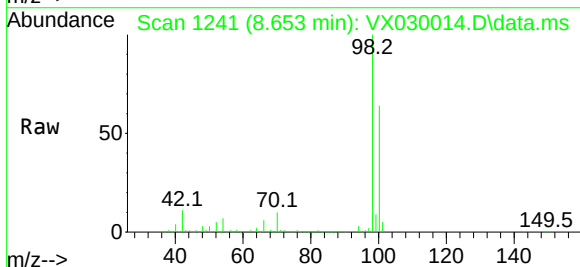
Acq: 12 Jul 2022 12:43

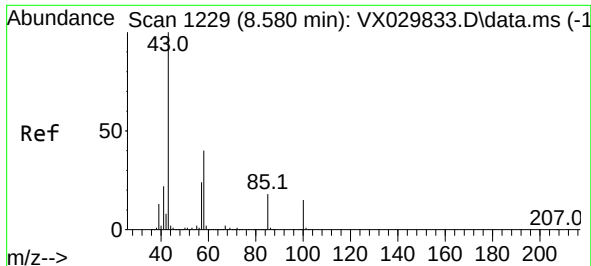
Tgt Ion: 98 Resp: 156914

Ion Ratio Lower Upper

98 100

100 63.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 103.774 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

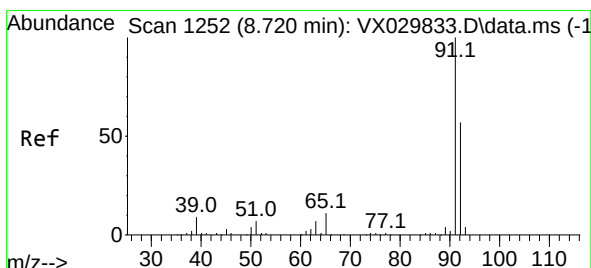
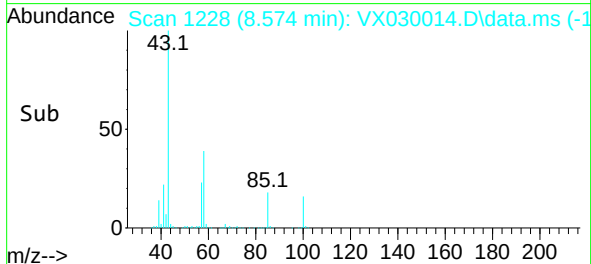
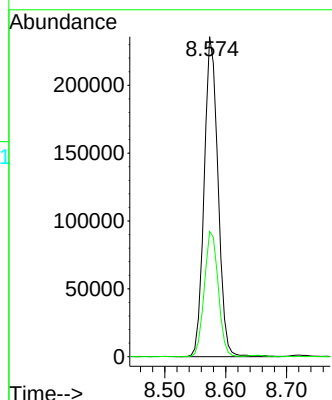
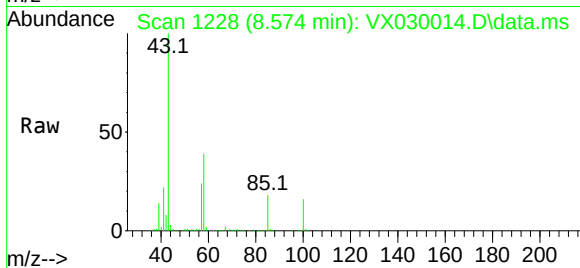
VSTDICC020

Tgt Ion: 43 Resp: 372693

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2



#52

Toluene

Concen: 20.691 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030014.D

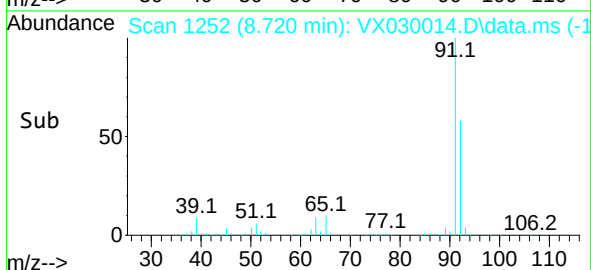
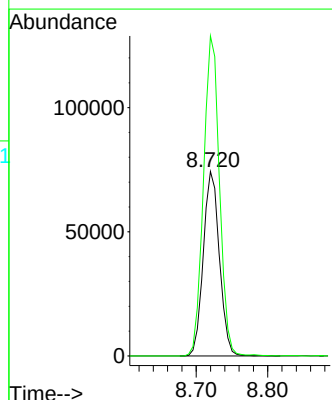
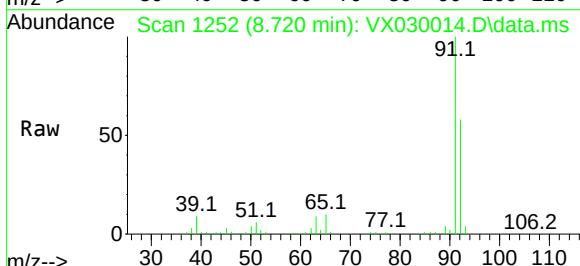
Acq: 12 Jul 2022 12:43

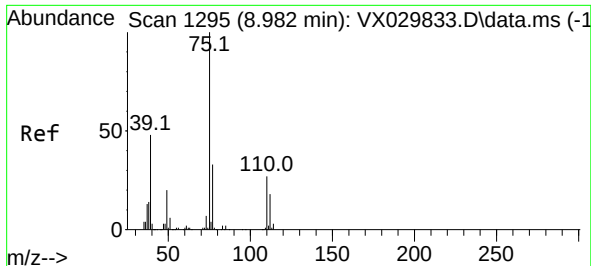
Tgt Ion: 92 Resp: 116159

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.517 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

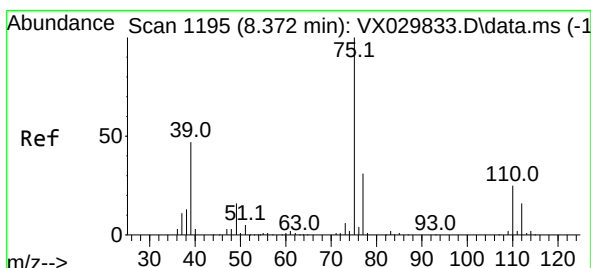
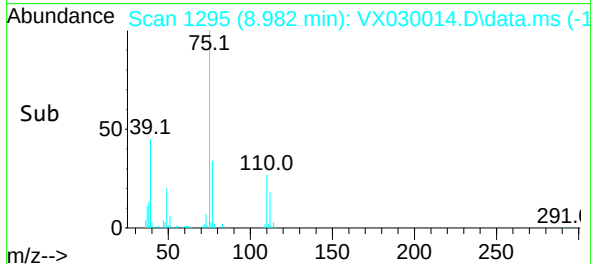
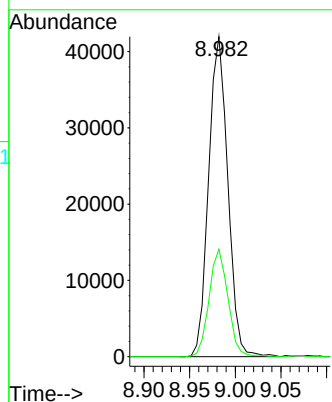
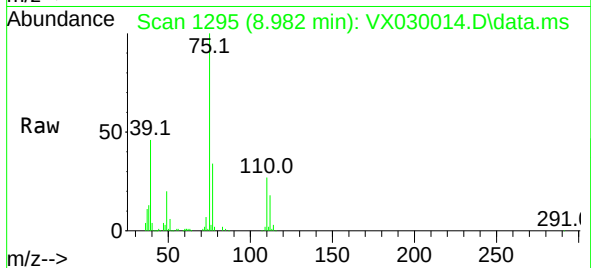
VSTDICC020

Tgt Ion: 75 Resp: 61161

Ion Ratio Lower Upper

75 100

77 33.6 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 21.045 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

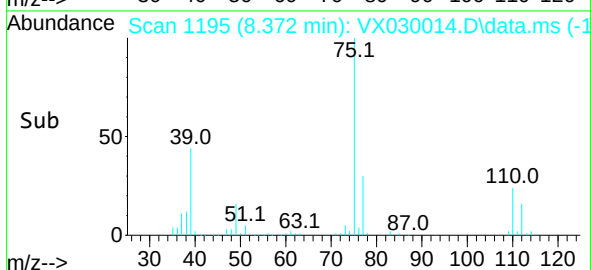
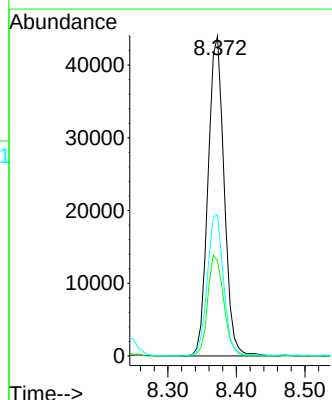
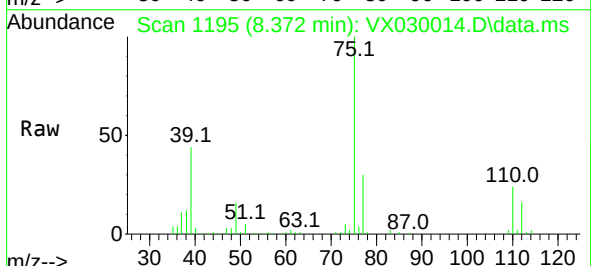
Tgt Ion: 75 Resp: 71870

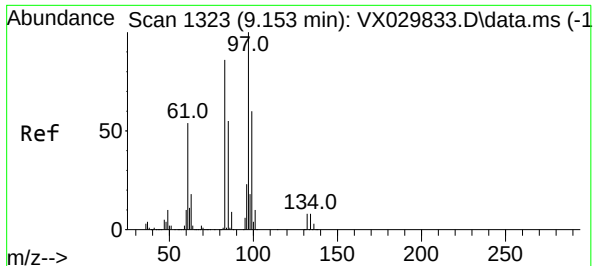
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

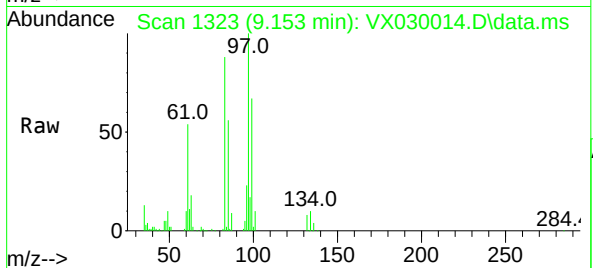
39 44.0 37.5 56.3



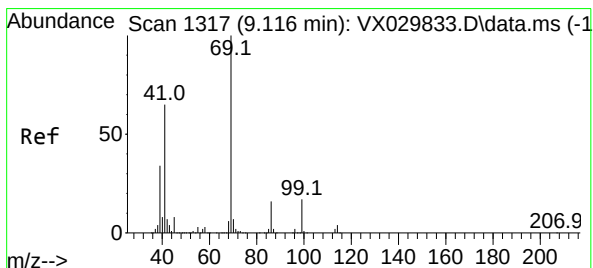
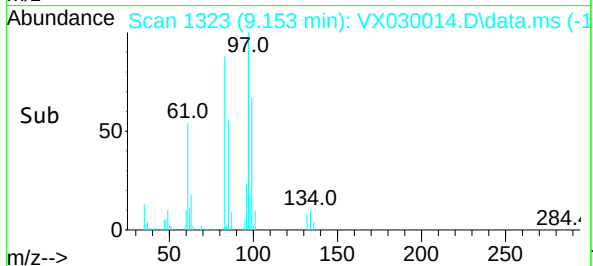
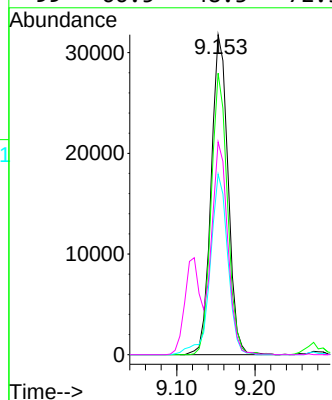


#55
1,1,2-Trichloroethane
Concen: 20.529 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

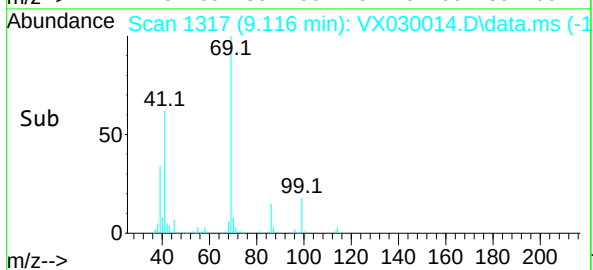
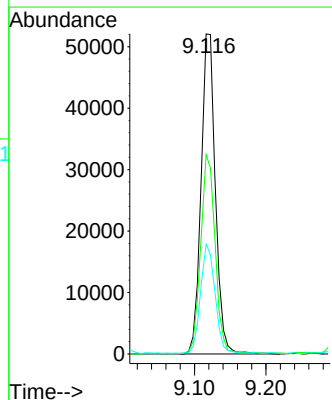
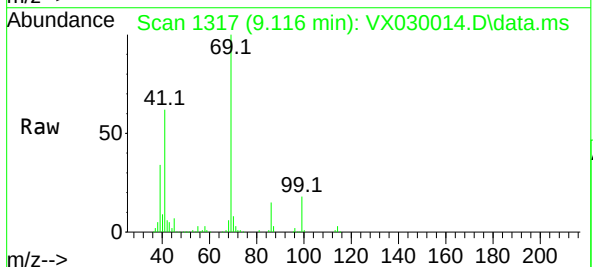


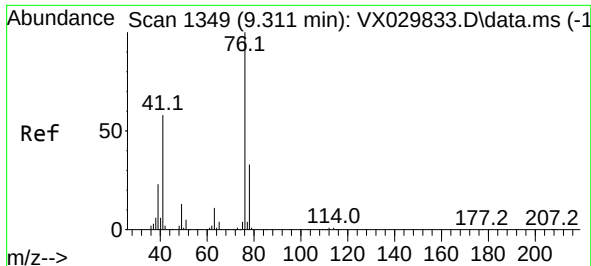
Tgt Ion: 97	Resp: 47525
Ion Ratio	Lower Upper
97 100	
83 88.0	68.9 103.3
85 56.5	44.0 66.0
99 66.5	48.3 72.5



#56
Ethyl methacrylate
Concen: 20.837 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 69	Resp: 72525
Ion Ratio	Lower Upper
69 100	
41 63.3	52.3 78.5
39 34.5	28.2 42.4

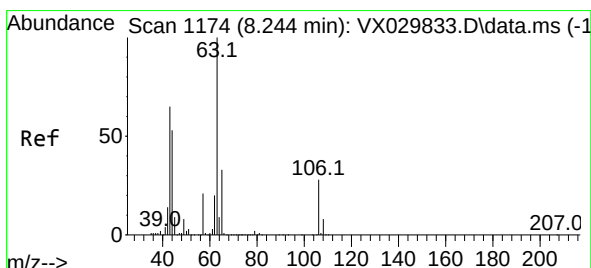
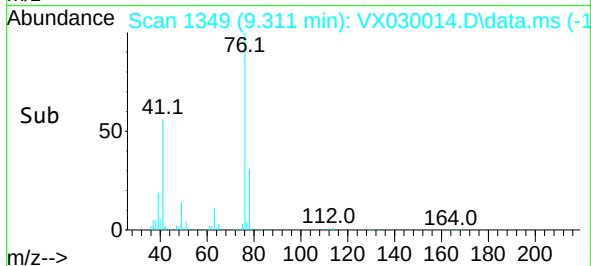
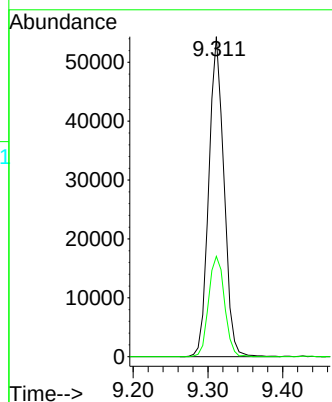
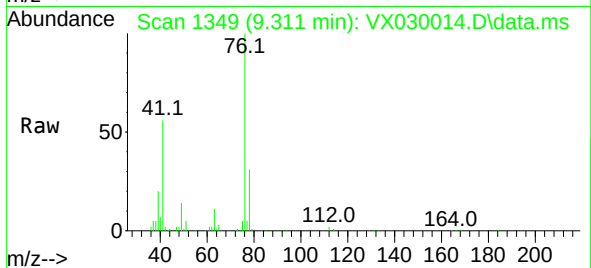




#57
1,3-Dichloropropane
Concen: 20.825 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

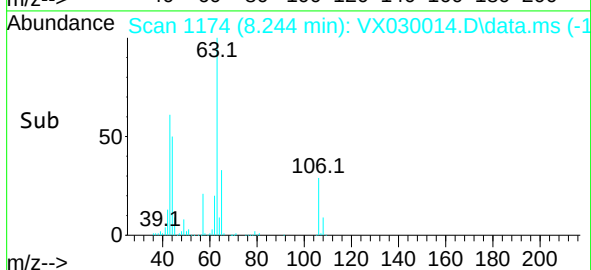
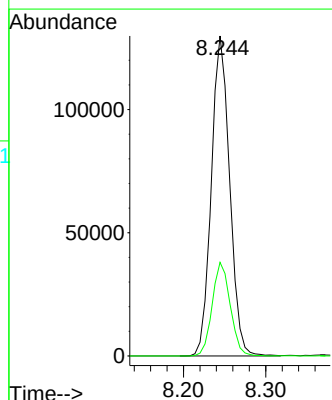
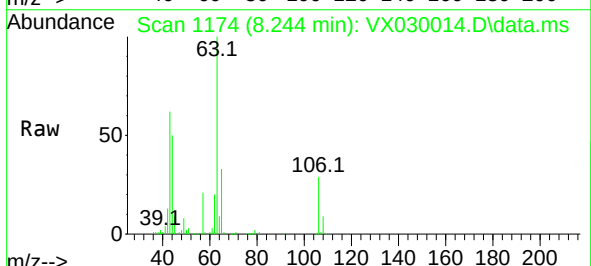
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

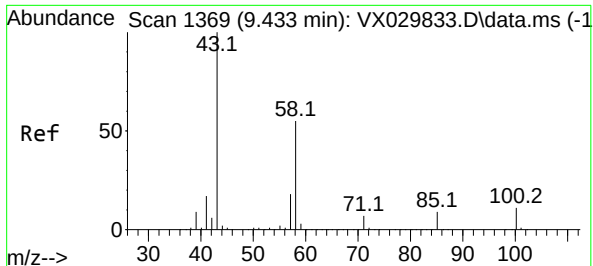
Tgt Ion: 76 Resp: 76586
Ion Ratio Lower Upper
76 100
78 32.8 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.422 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 63 Resp: 201139
Ion Ratio Lower Upper
63 100
106 28.8 22.2 33.2





#59

2-Hexanone

Concen: 104.747 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

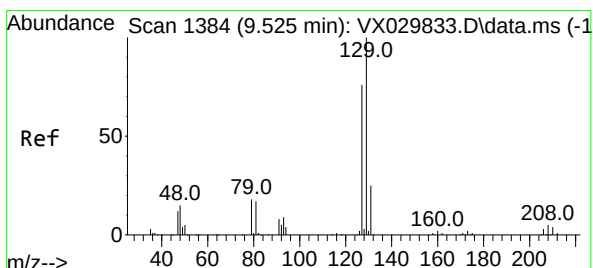
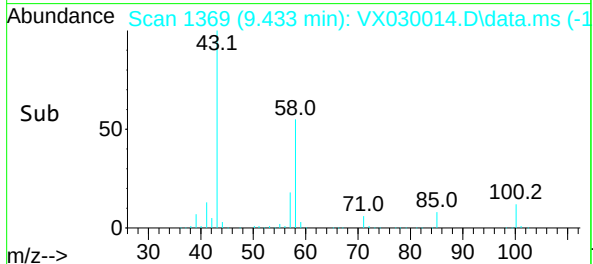
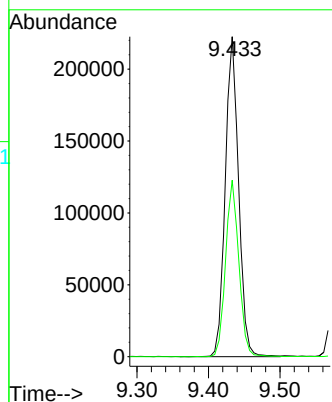
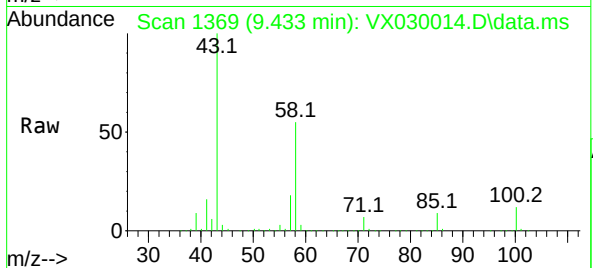
VSTDIC020

Tgt Ion: 43 Resp: 288483

Ion Ratio Lower Upper

43 100

58 54.9 27.6 82.8



#60

Dibromochloromethane

Concen: 20.423 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030014.D

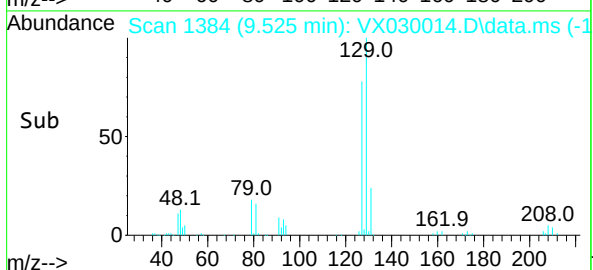
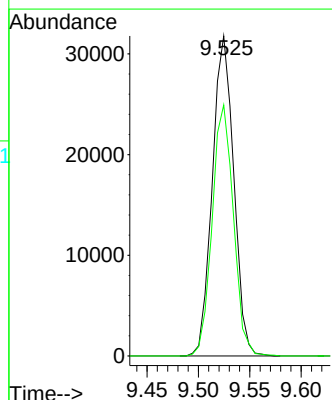
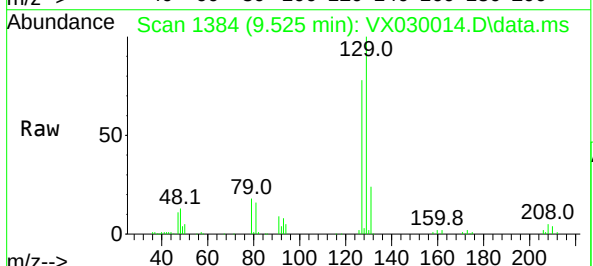
Acq: 12 Jul 2022 12:43

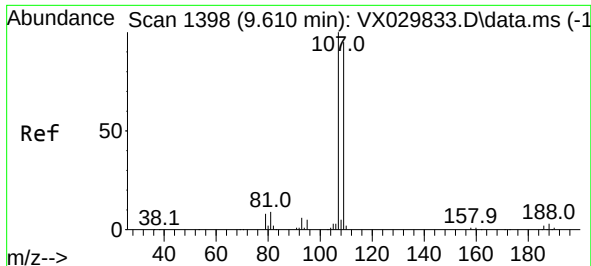
Tgt Ion: 129 Resp: 46062

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.5

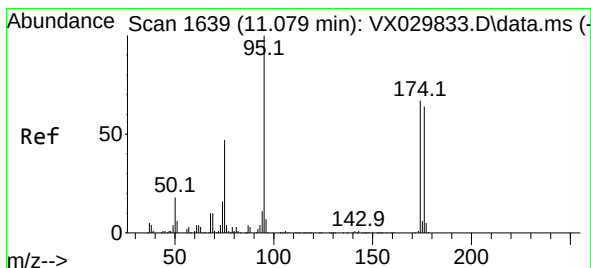
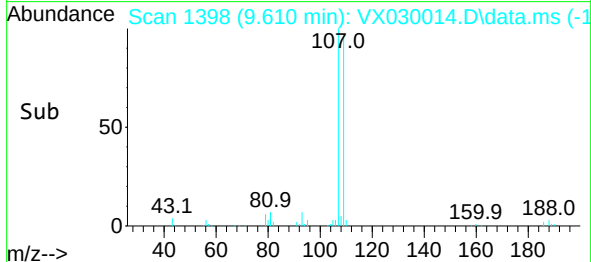
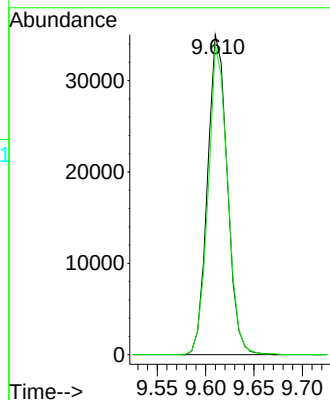
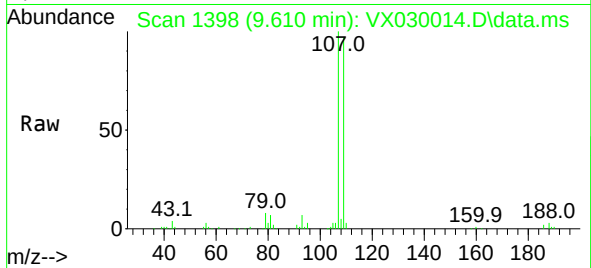




#61
1,2-Dibromoethane
Concen: 20.689 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

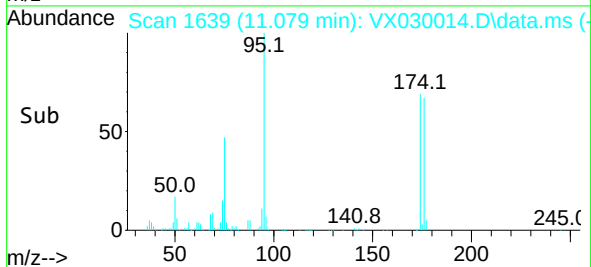
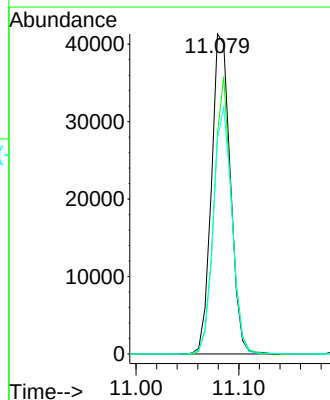
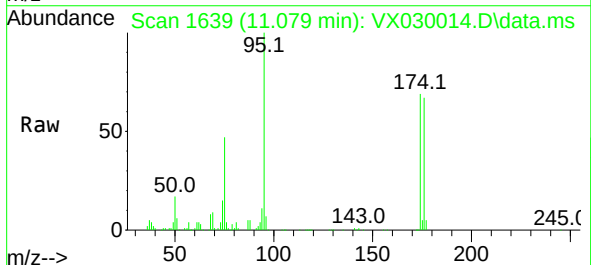
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

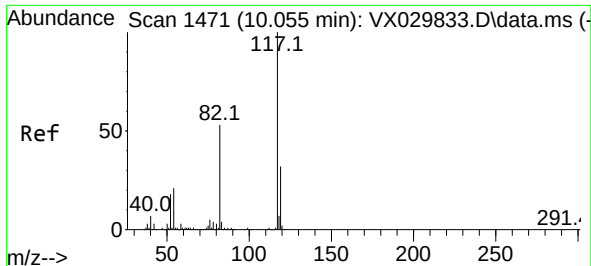
Tgt Ion:107 Resp: 49848
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 18.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 95 Resp: 52530
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.0
176 75.8 0.0 146.0

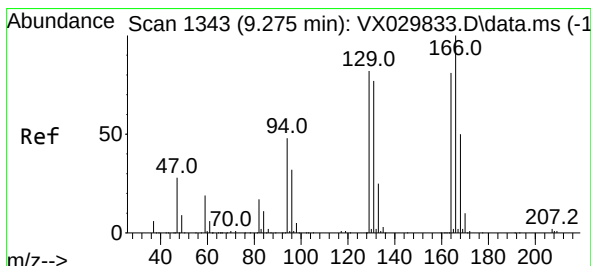
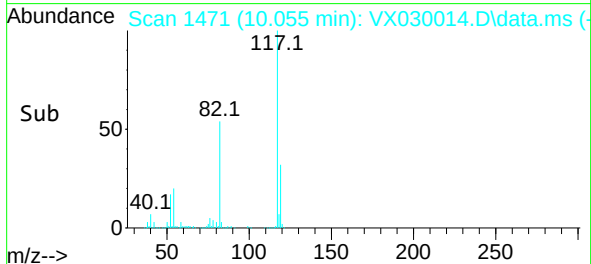
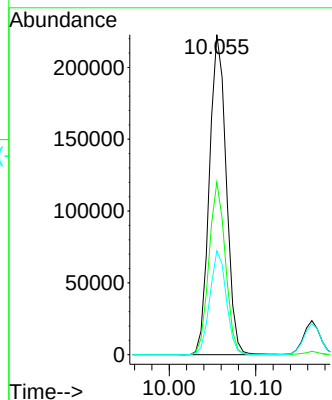
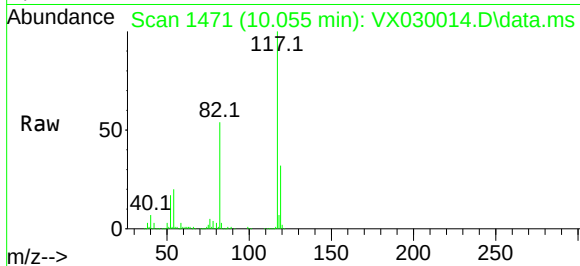




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

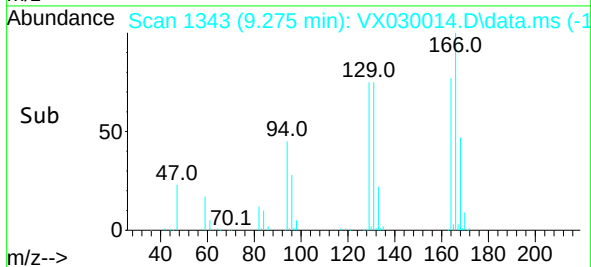
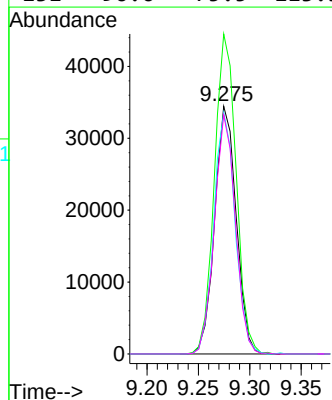
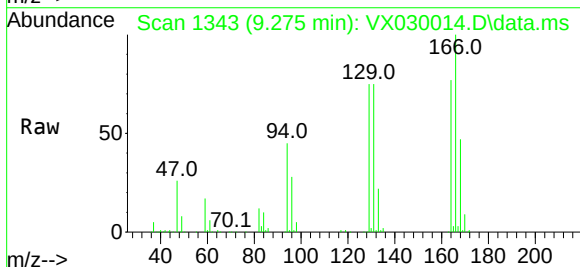
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

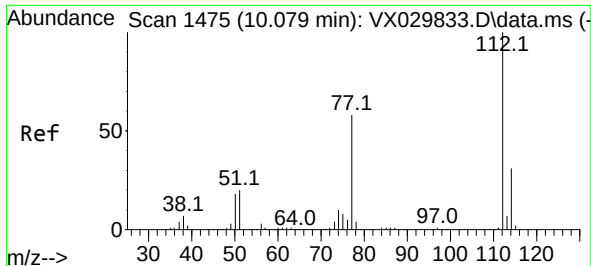
Tgt Ion:117 Resp: 300719
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 20.735 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion:164 Resp: 50054
Ion Ratio Lower Upper
164 100
166 129.2 98.2 147.4
129 97.5 80.8 121.2
131 96.6 75.5 113.3

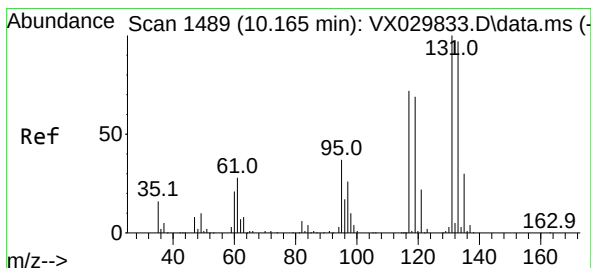
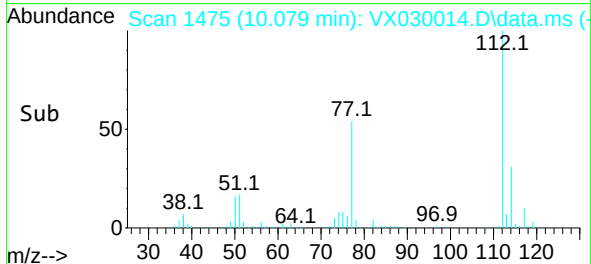
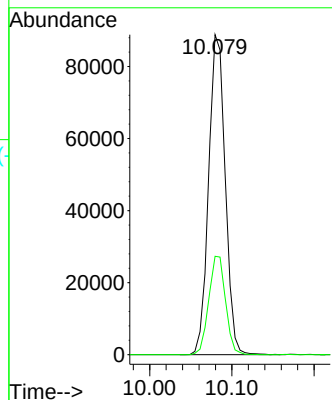
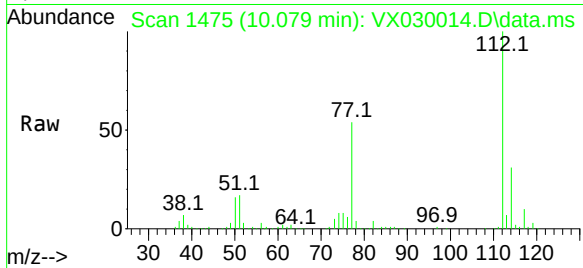




#65
Chlorobenzene
Concen: 20.791 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

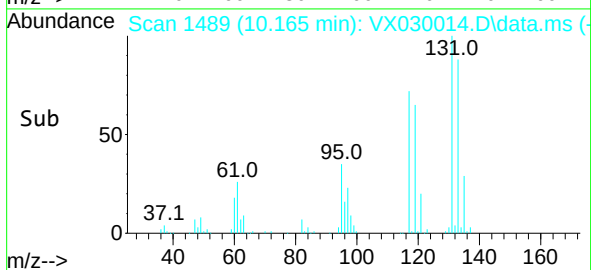
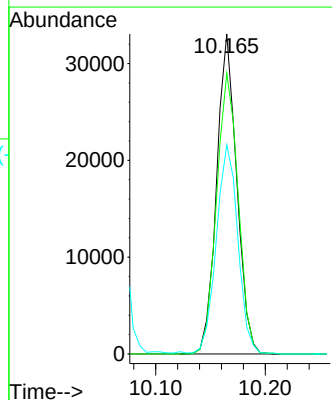
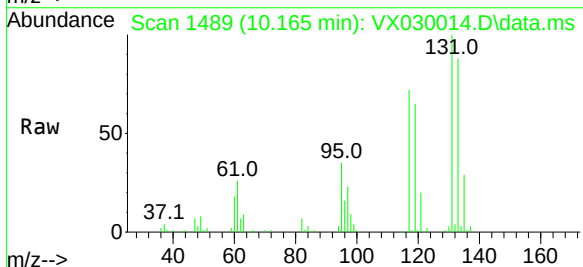
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

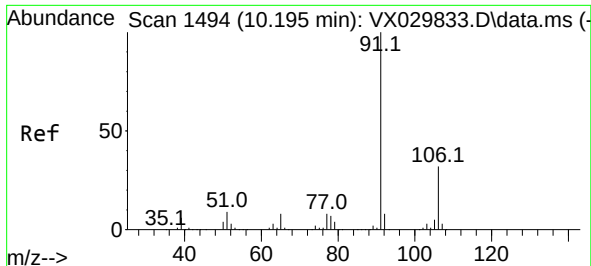
Tgt Ion:112 Resp: 124499
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.634 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion:131 Resp: 42123
Ion Ratio Lower Upper
131 100
133 94.1 46.9 140.8
119 70.6 34.4 103.1





#67

Ethyl Benzene

Concen: 20.914 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

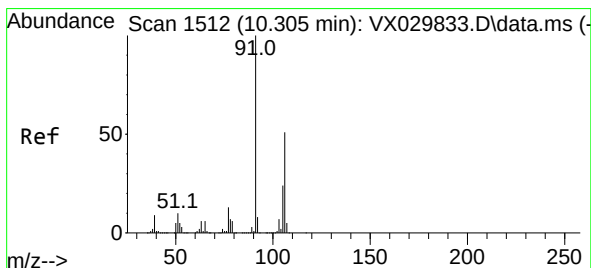
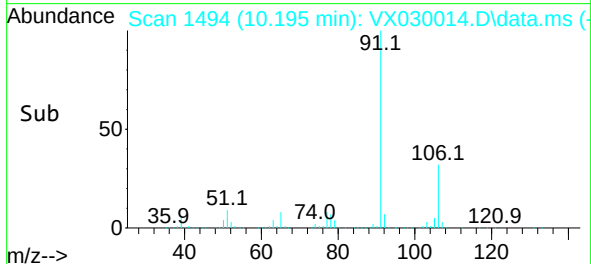
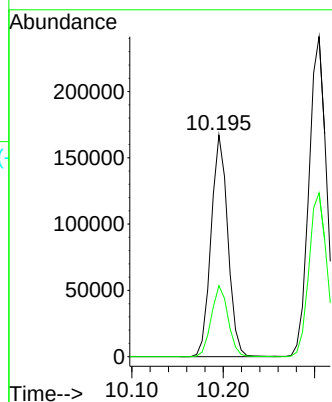
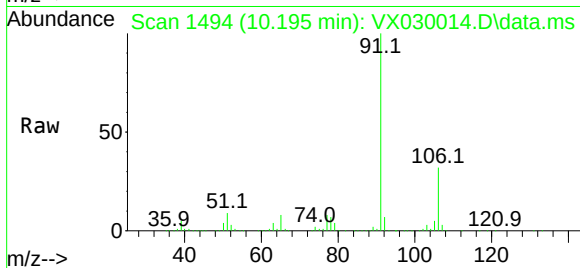
VSTDIC020

Tgt Ion: 91 Resp: 212255

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



#68

m/p-Xylenes

Concen: 42.405 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030014.D

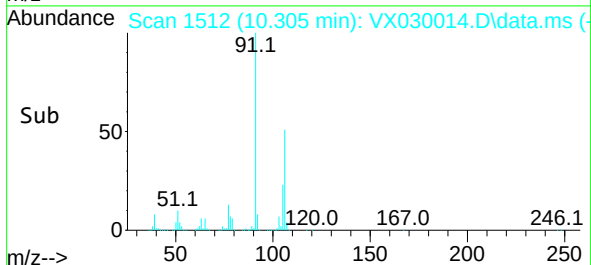
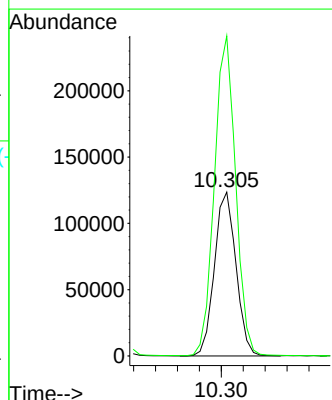
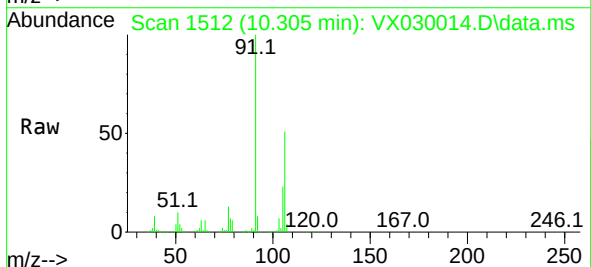
Acq: 12 Jul 2022 12:43

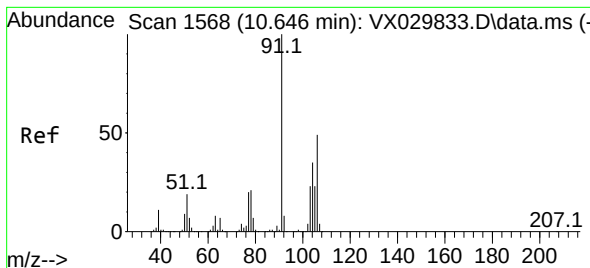
Tgt Ion:106 Resp: 168797

Ion Ratio Lower Upper

106 100

91 192.6 158.2 237.4





#69

o-Xylene

Concen: 20.911 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

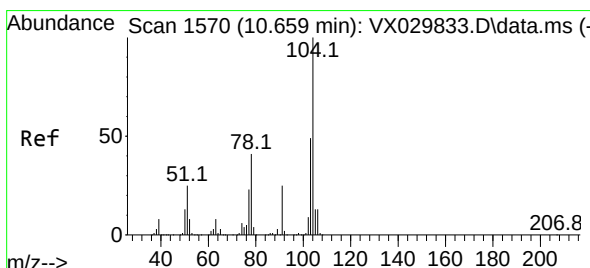
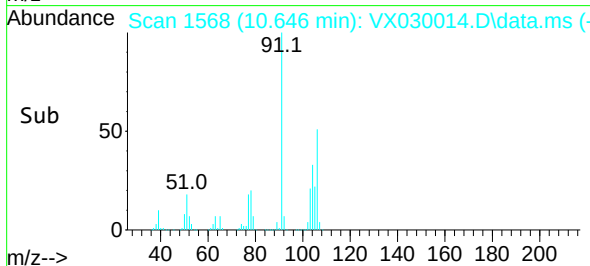
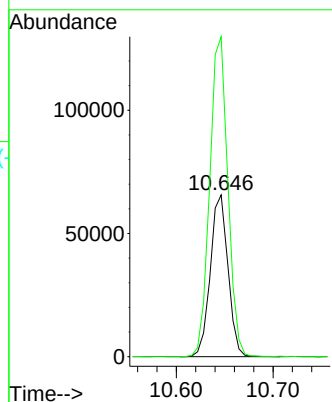
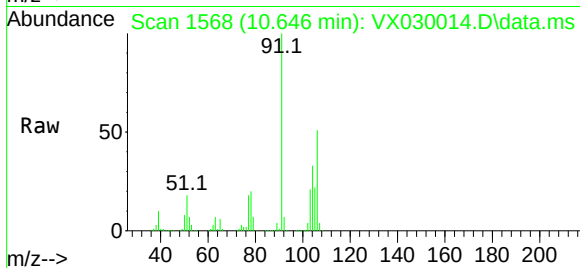
VSTDICC020

Tgt Ion:106 Resp: 83345

Ion Ratio Lower Upper

106 100

91 203.0 103.8 311.6



#70

Styrene

Concen: 20.856 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

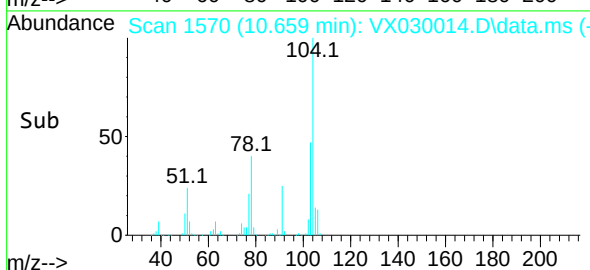
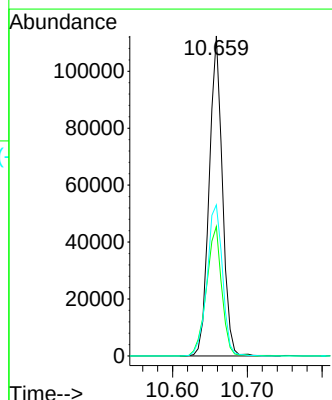
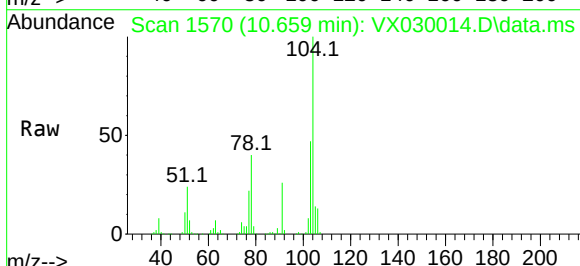
Tgt Ion:104 Resp: 137967

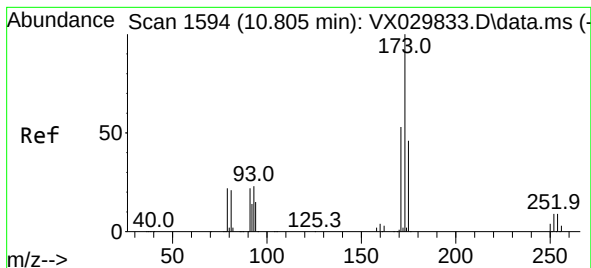
Ion Ratio Lower Upper

104 100

78 46.6 37.8 56.8

103 55.1 44.5 66.7





#71

Bromoform

Concen: 19.703 ug/l

RT: 10.805 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

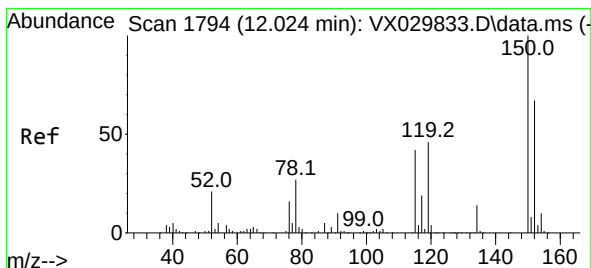
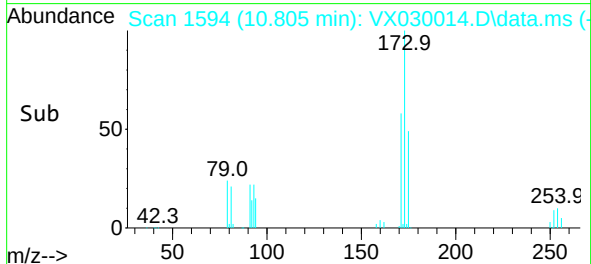
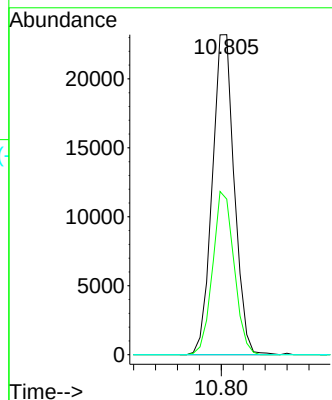
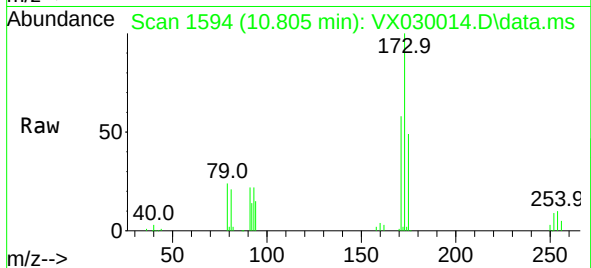
Tgt Ion:173 Resp: 32316

Ion Ratio Lower Upper

173 100

175 49.8 23.8 71.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

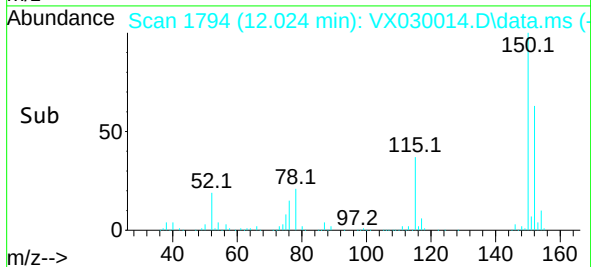
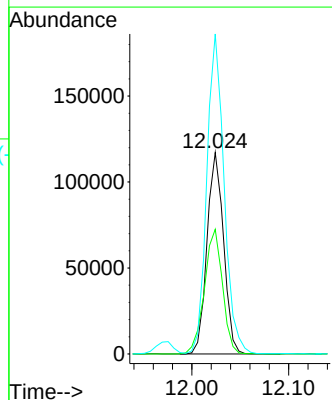
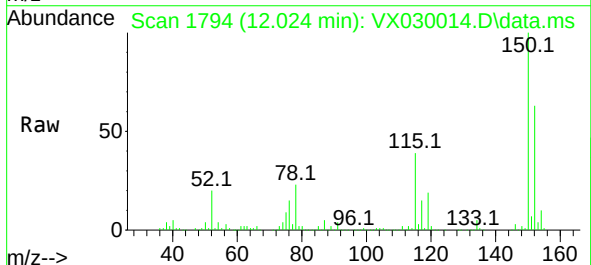
Tgt Ion:152 Resp: 139839

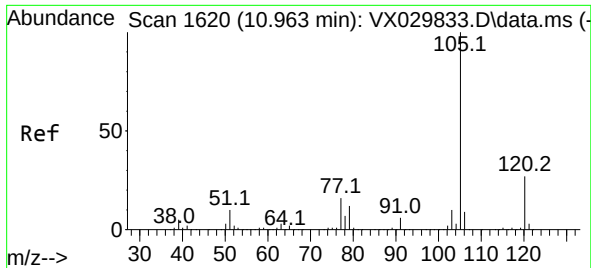
Ion Ratio Lower Upper

152 100

115 67.5 40.5 121.5

150 165.6 0.0 347.0

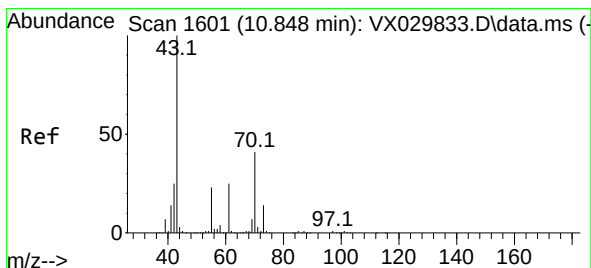
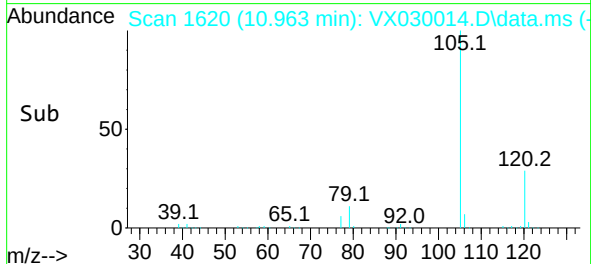
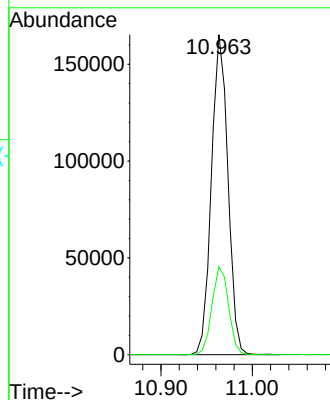
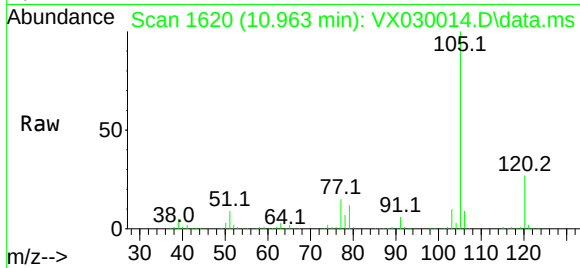




#73
Isopropylbenzene
Concen: 21.223 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

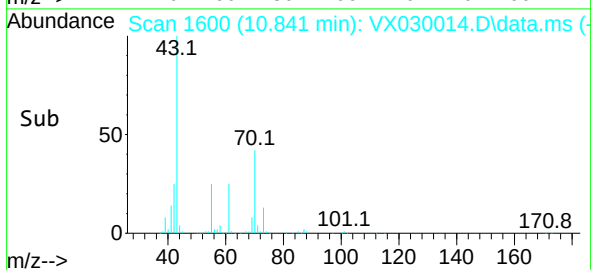
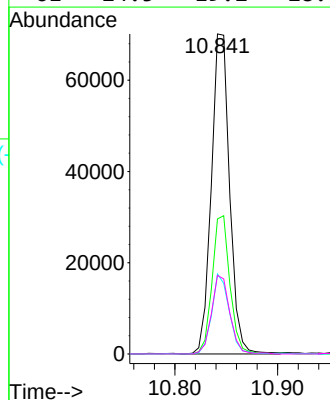
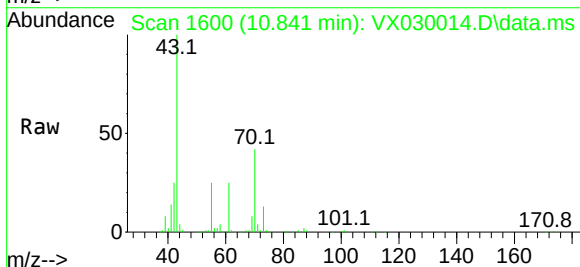
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

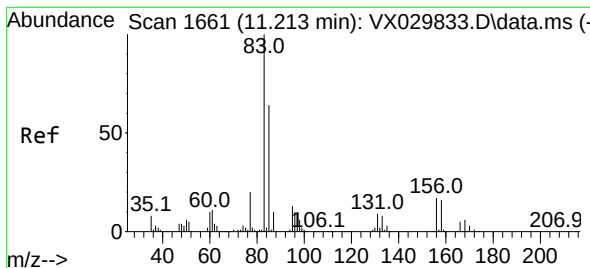
Tgt Ion:105 Resp: 206646
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 20.338 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 43 Resp: 86979
Ion Ratio Lower Upper
43 100
70 42.1 32.3 48.5
55 23.8 18.4 27.6
61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.092 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

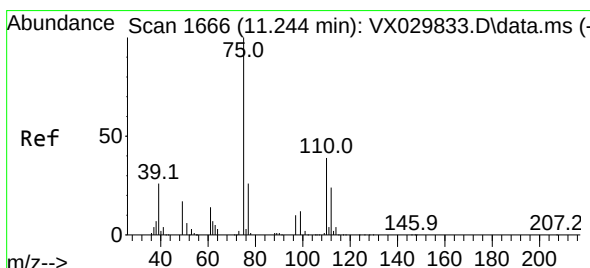
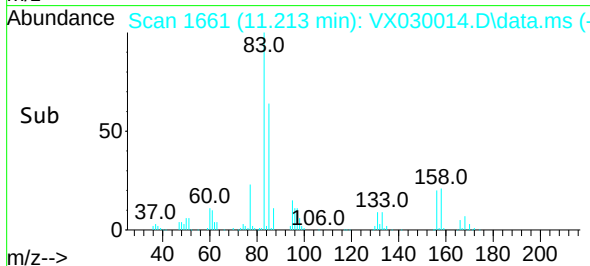
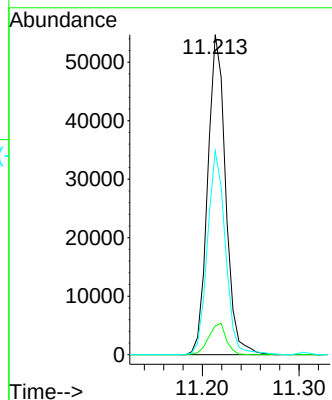
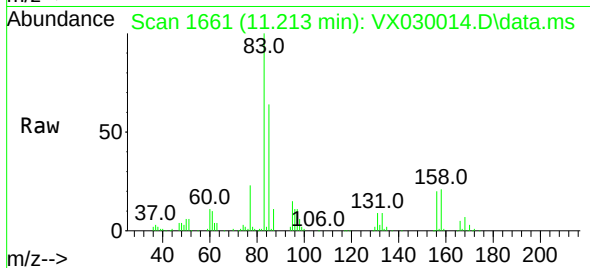
Tgt Ion: 83 Resp: 70582

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 63.8 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 25.402 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX030014.D

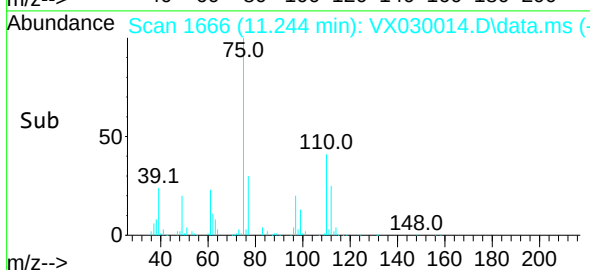
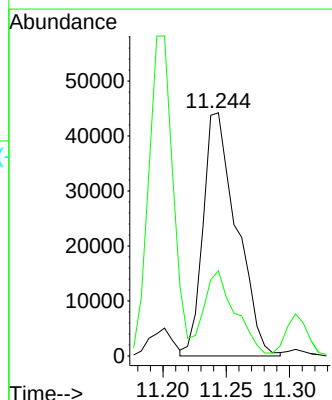
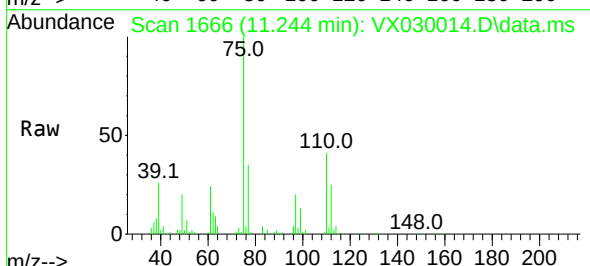
Acq: 12 Jul 2022 12:43

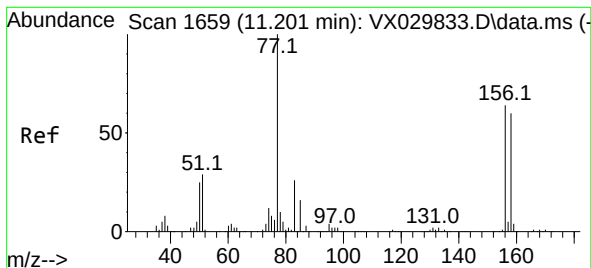
Tgt Ion: 75 Resp: 81672

Ion Ratio Lower Upper

75 100

77 31.5 19.8 59.3





#77

Bromobenzene

Concen: 20.577 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

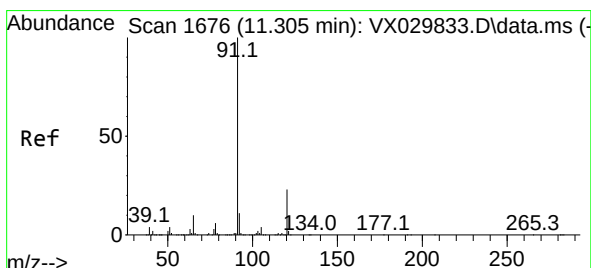
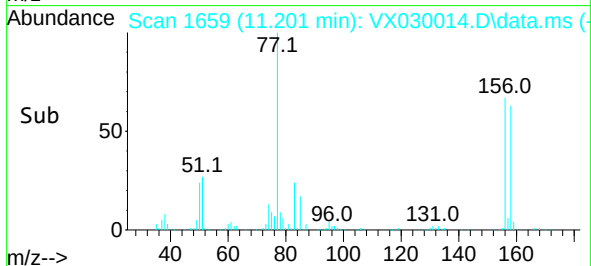
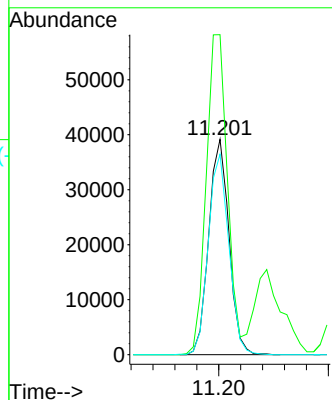
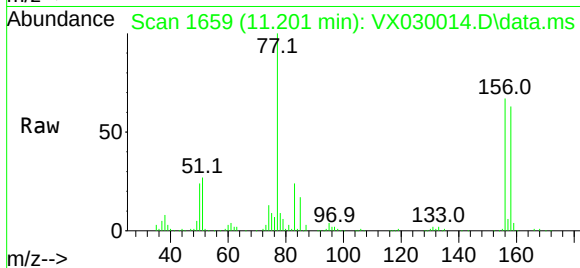
Tgt Ion:156 Resp: 50130

Ion Ratio Lower Upper

156 100

77 155.1 82.7 247.9

158 94.8 47.5 142.5



#78

n-propylbenzene

Concen: 20.858 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030014.D

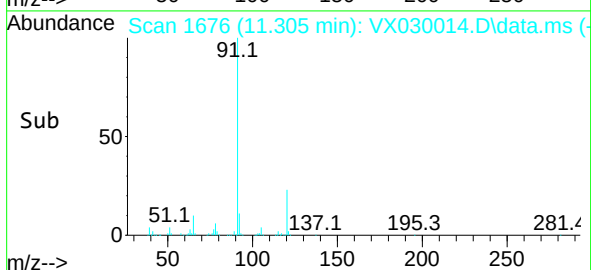
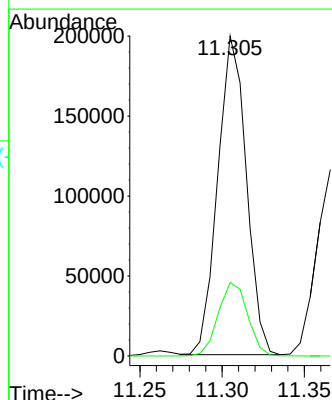
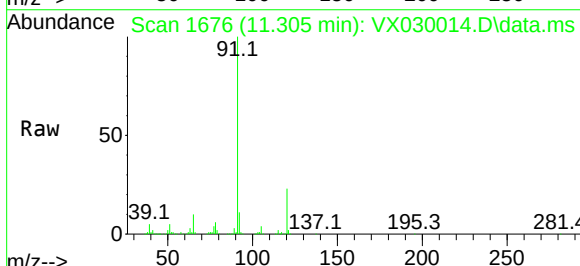
Acq: 12 Jul 2022 12:43

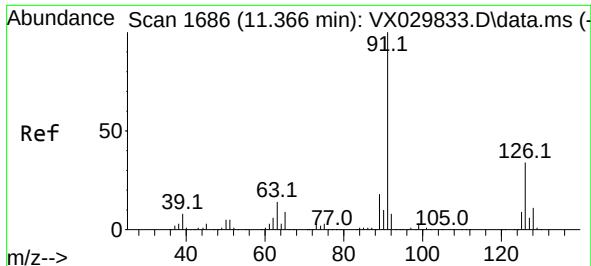
Tgt Ion: 91 Resp: 240935

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.8

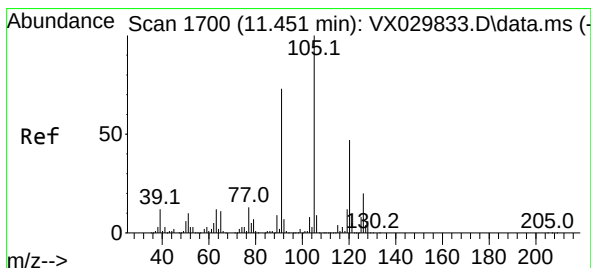
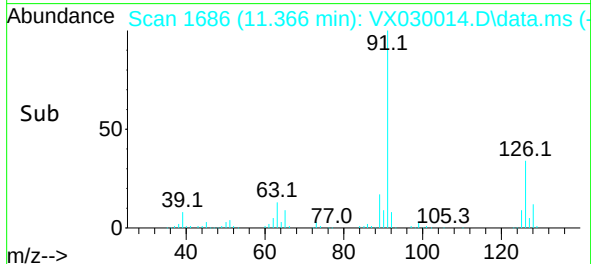
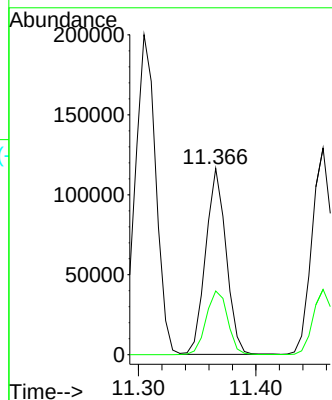
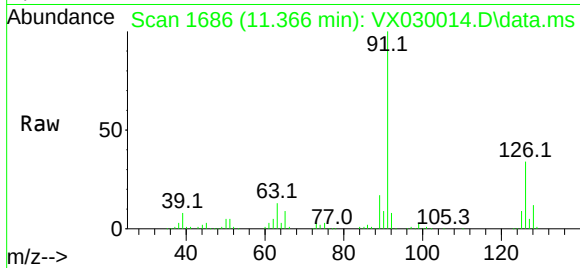




#79
2-Chlorotoluene
Concen: 20.355 ug/l
RT: 11.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

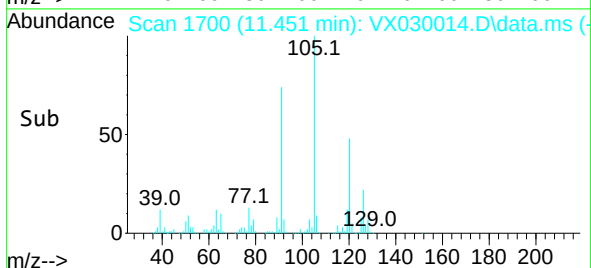
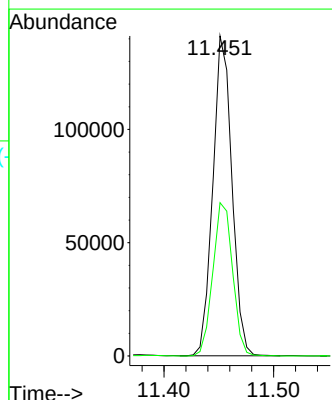
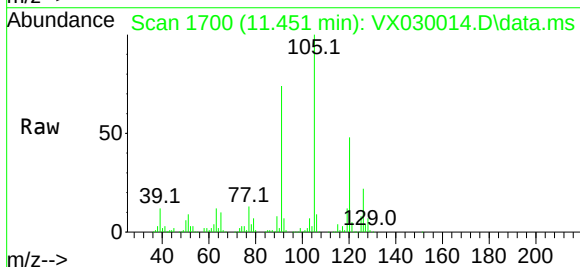
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

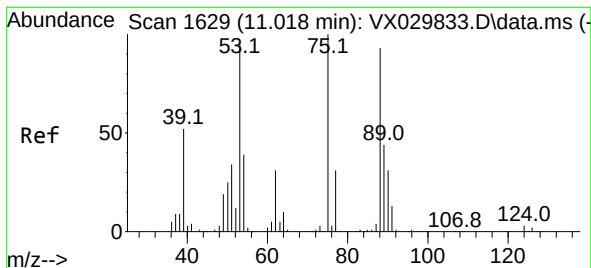
Tgt Ion: 91 Resp: 140837
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.842 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 105 Resp: 171000
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.2

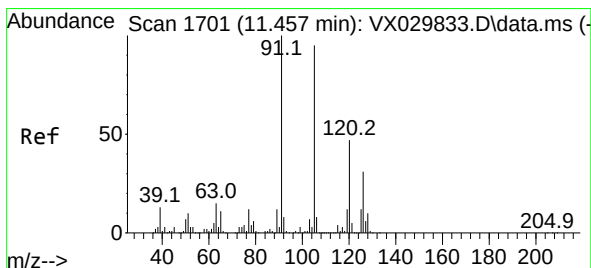
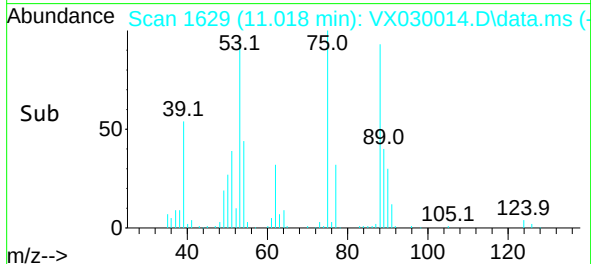
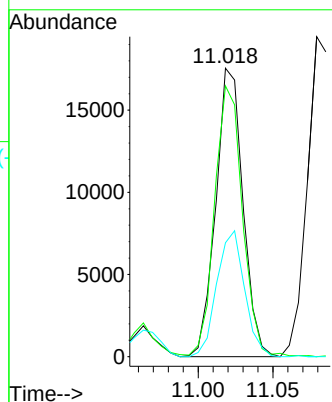
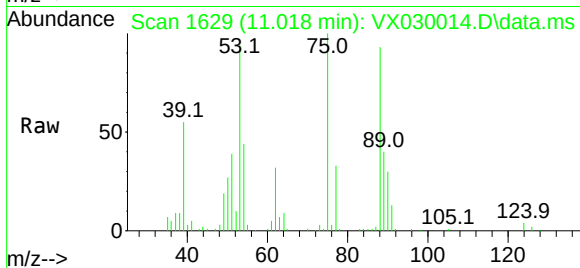




#81
trans-1,4-Dichloro-2-butene
Concen: 19.931 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

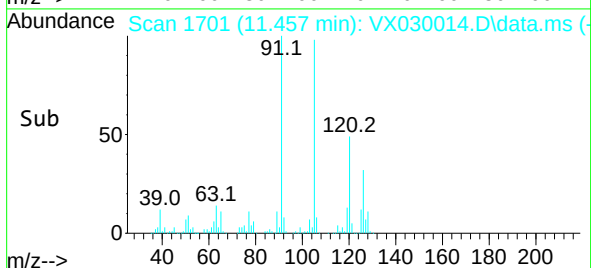
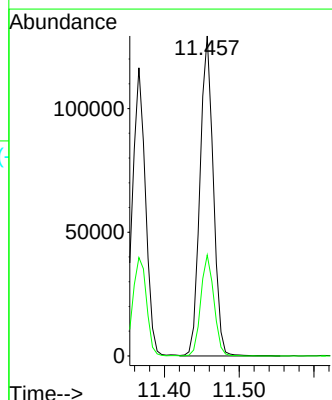
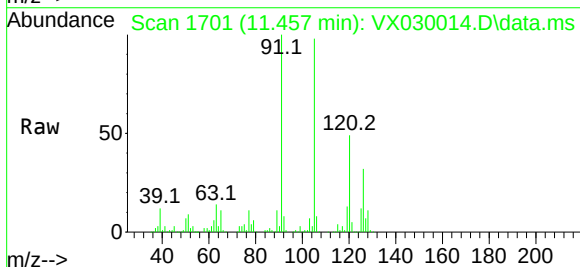
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

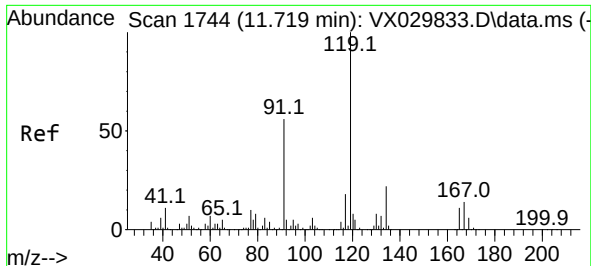
Tgt Ion: 75 Resp: 22205
Ion Ratio Lower Upper
75 100
53 95.7 74.2 111.4
89 44.4 34.8 52.2



#82
4-Chlorotoluene
Concen: 20.626 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 91 Resp: 159896
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

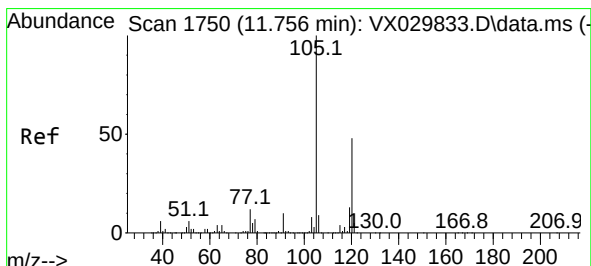
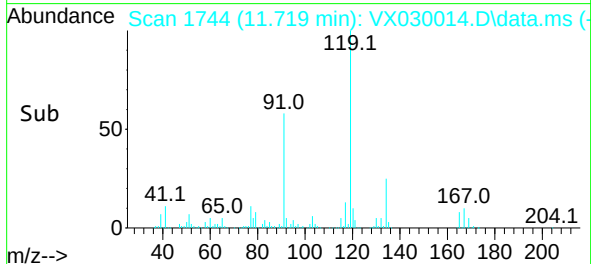
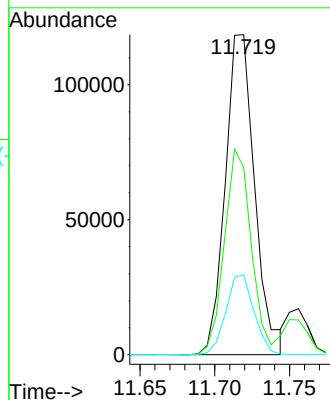
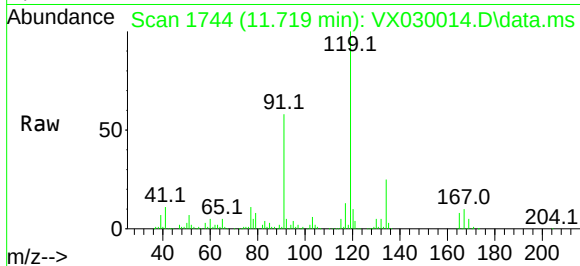




#83
 tert-Butylbenzene
 Concen: 20.666 ug/l
 RT: 11.719 min Scan# 11744
 Delta R.T. 0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

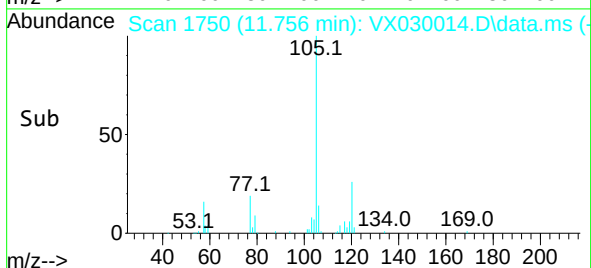
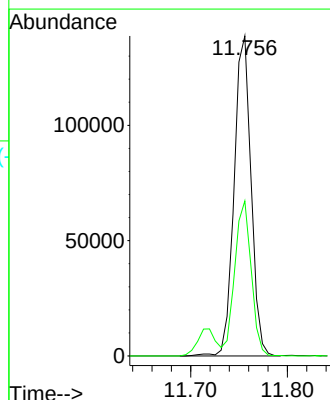
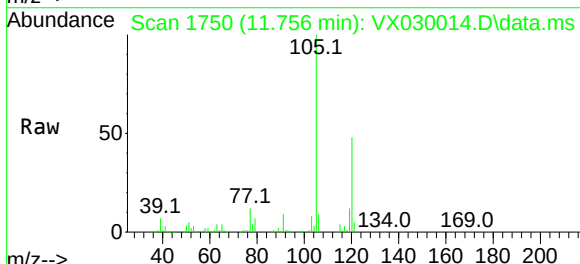
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

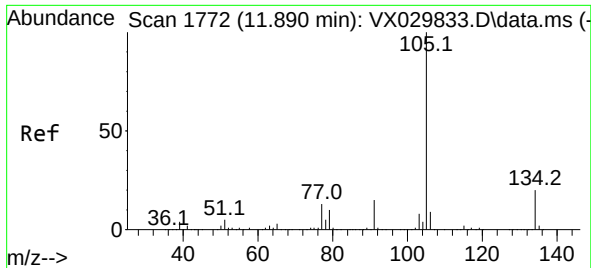
Tgt Ion:119 Resp: 162606
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.3 84.9
 134 23.8 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.803 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

Tgt Ion:105 Resp: 168826
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.8

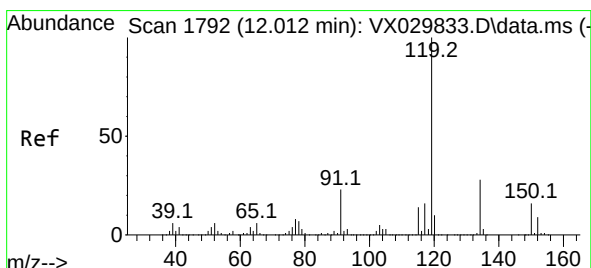
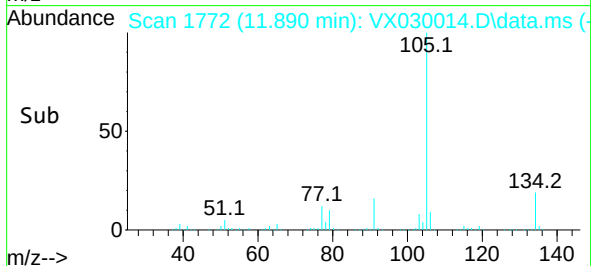
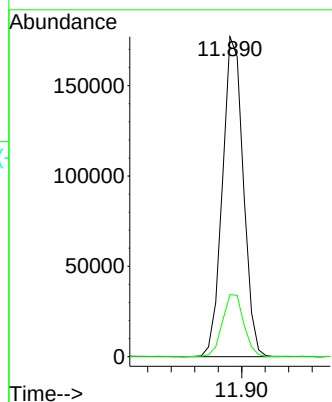
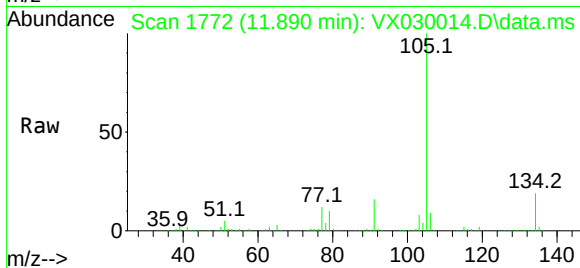




#85
 sec-Butylbenzene
 Concen: 20.948 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

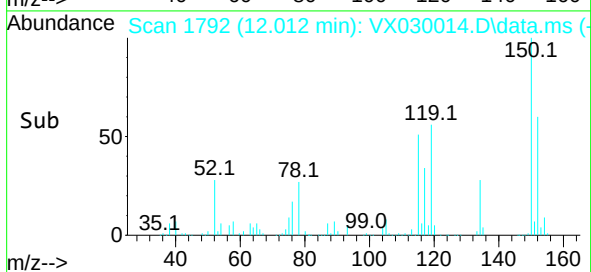
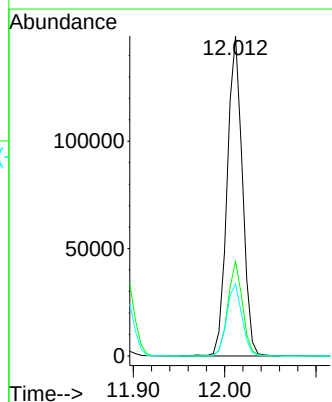
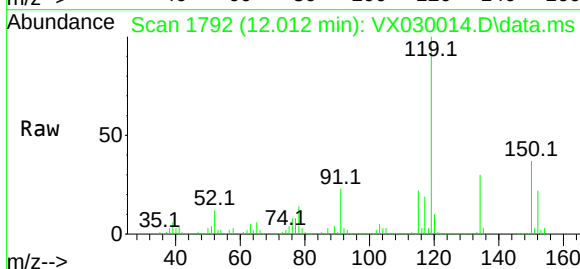
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

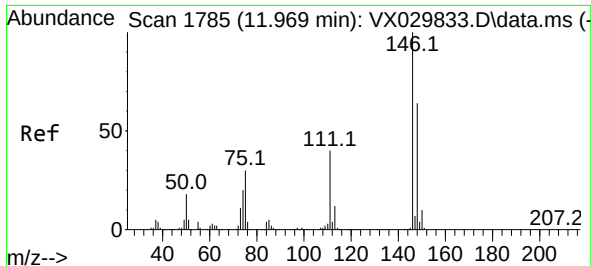
Tgt Ion:105 Resp: 217895
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.695 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030014.D
 Acq: 12 Jul 2022 12:43

Tgt Ion:119 Resp: 172697
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.9 41.6
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.524 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

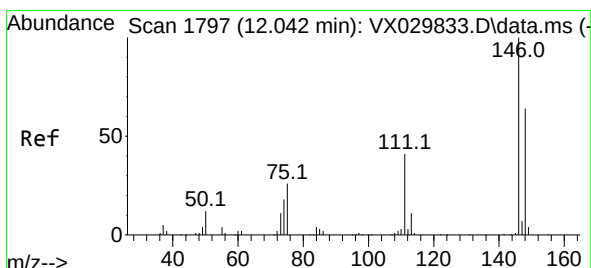
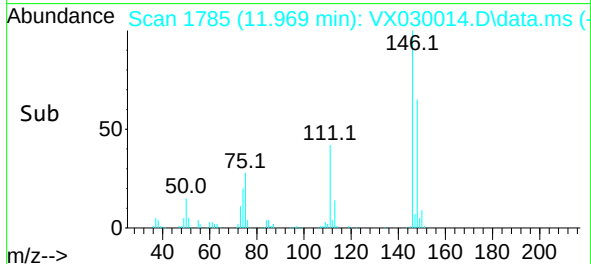
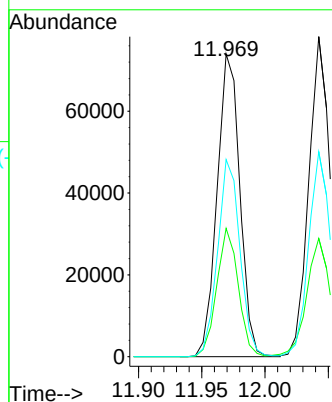
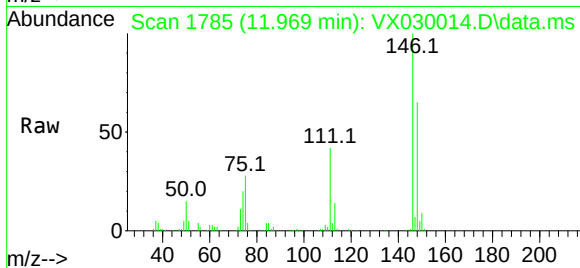
Tgt Ion:146 Resp: 92386

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.107 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

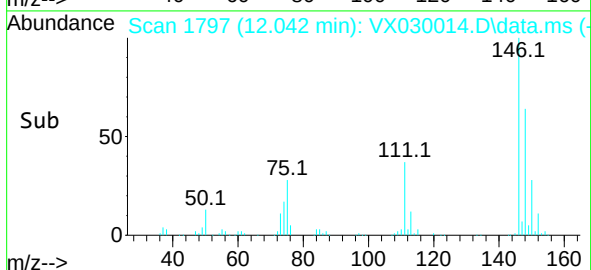
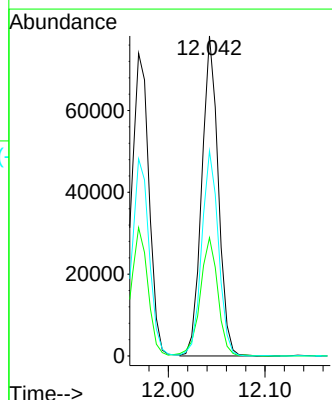
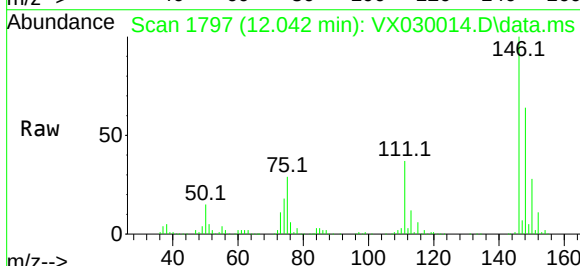
Tgt Ion:146 Resp: 92882

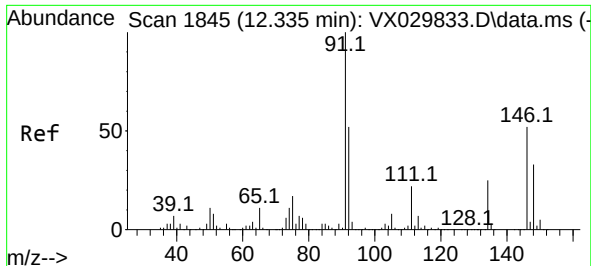
Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.9

148 65.0 32.3 96.8





#89

n-Butylbenzene

Concen: 21.113 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

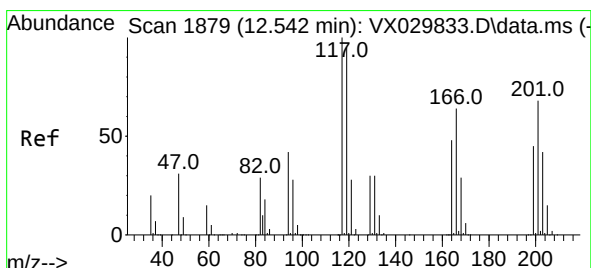
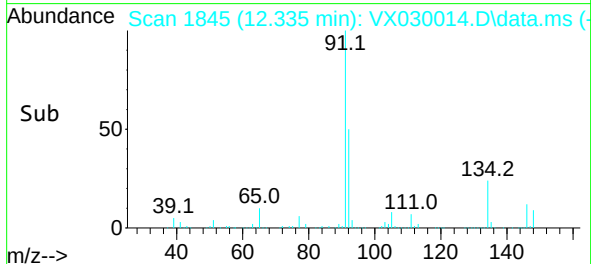
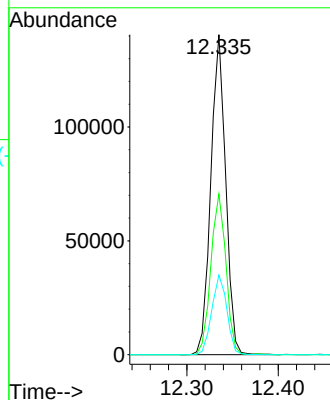
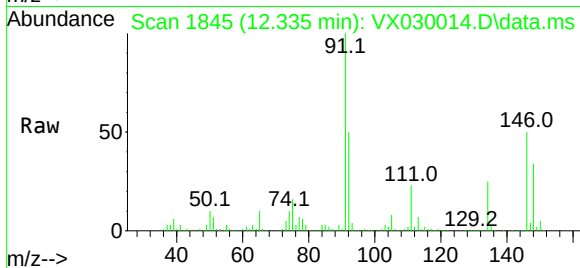
Tgt Ion: 91 Resp: 157854

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.5

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 20.369 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX030014.D

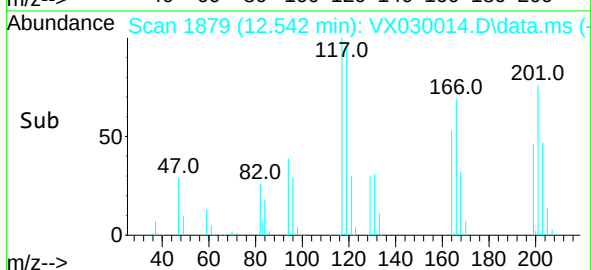
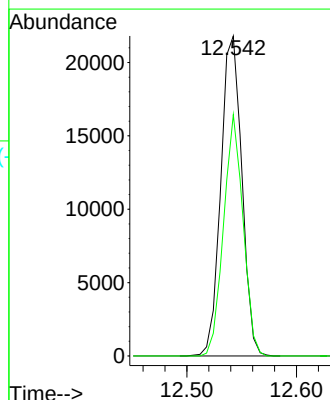
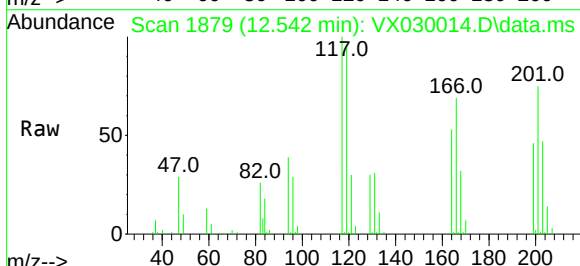
Acq: 12 Jul 2022 12:43

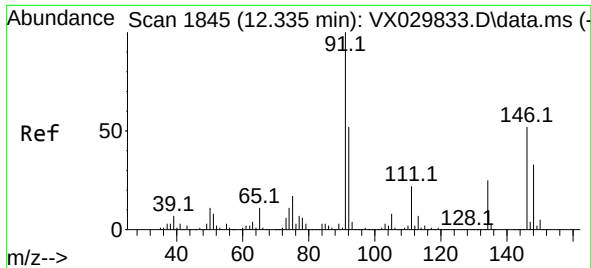
Tgt Ion: 117 Resp: 29057

Ion Ratio Lower Upper

117 100

201 69.9 34.2 102.5

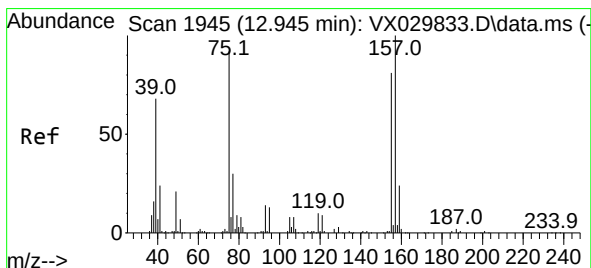
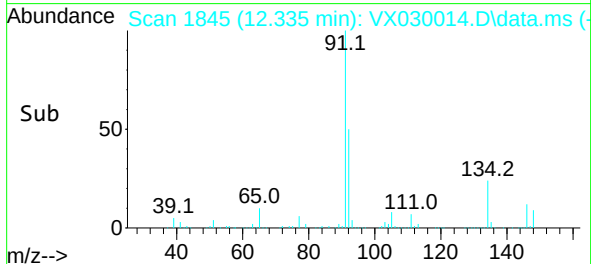
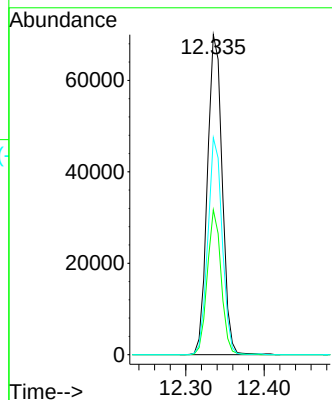
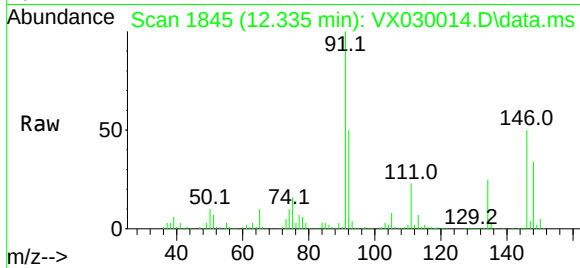




#91
1,2-Dichlorobenzene
Concen: 19.997 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

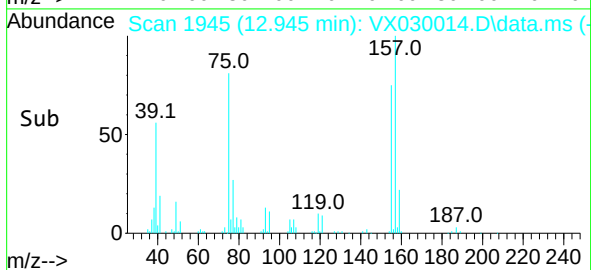
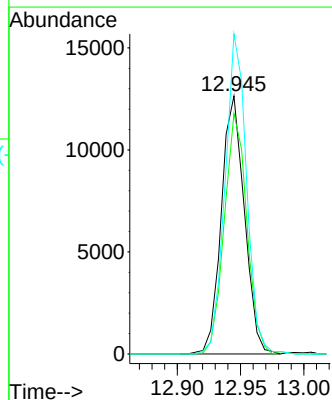
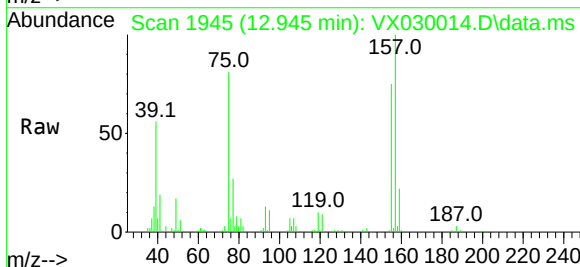
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

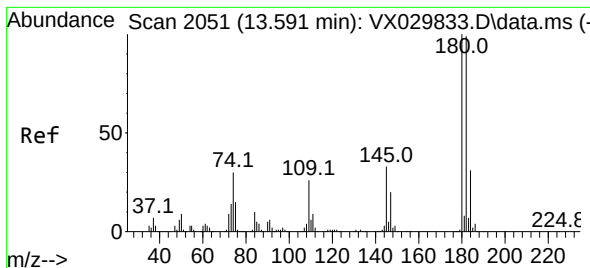
Tgt Ion:146 Resp: 91447
Ion Ratio Lower Upper
146 100
111 42.3 20.7 62.1
148 65.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.911 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion: 75 Resp: 15971
Ion Ratio Lower Upper
75 100
155 91.6 45.0 134.8
157 116.0 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 20.602 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

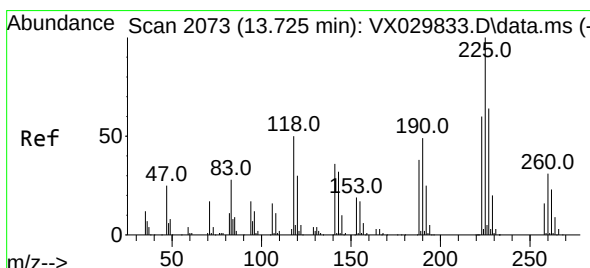
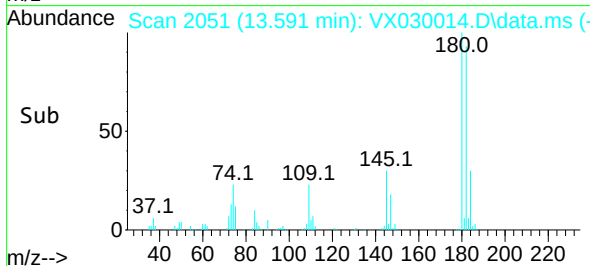
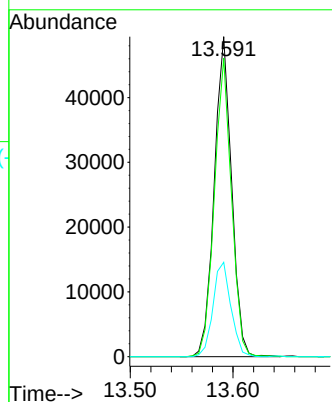
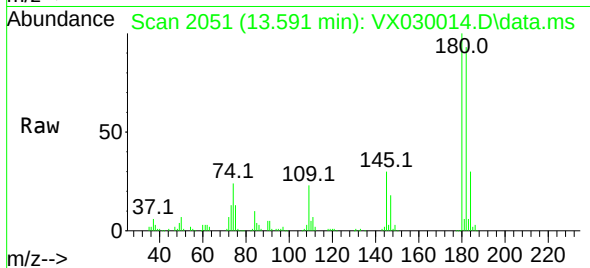
Tgt Ion:180 Resp: 57870

Ion Ratio Lower Upper

180 100

182 91.9 48.2 144.6

145 30.5 15.9 47.6



#94

Hexachlorobutadiene

Concen: 19.089 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030014.D

Acq: 12 Jul 2022 12:43

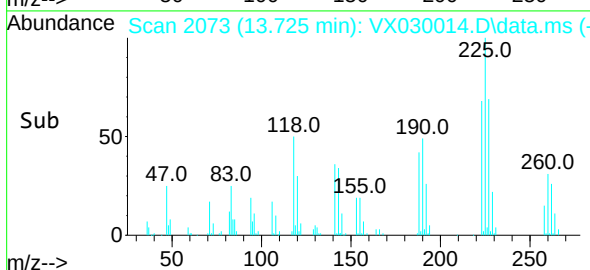
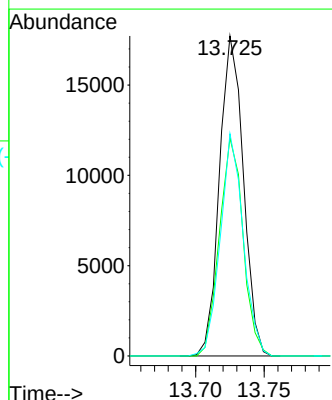
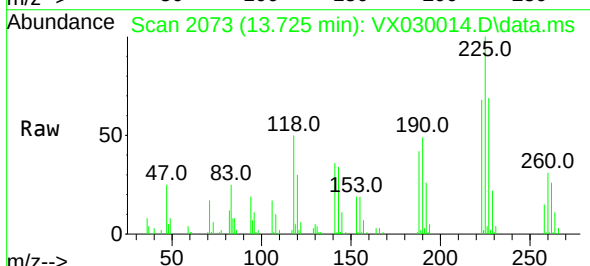
Tgt Ion:225 Resp: 21407

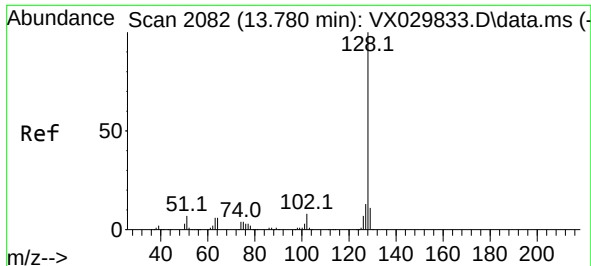
Ion Ratio Lower Upper

225 100

223 67.6 30.6 91.6

227 66.8 31.9 95.9

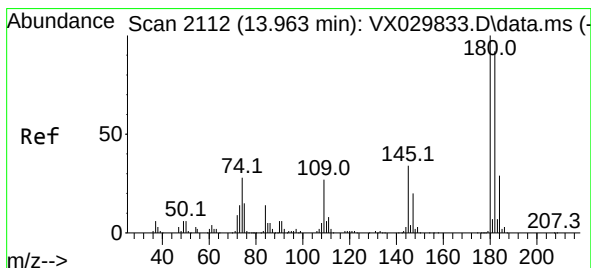
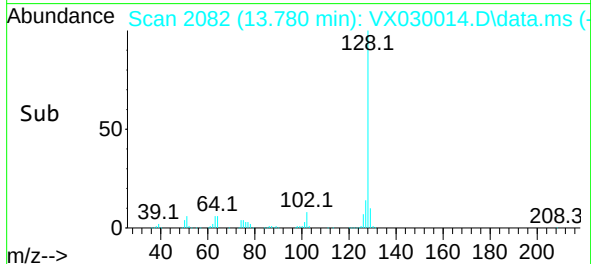
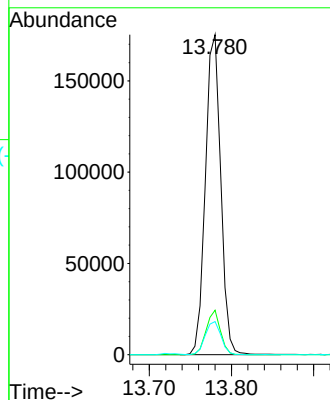
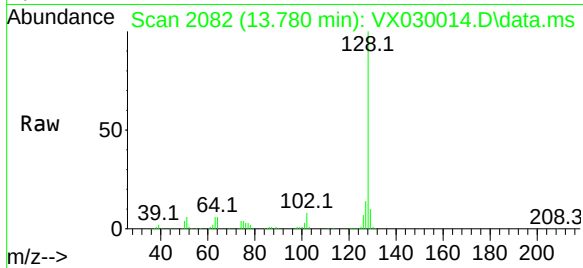




#95
Naphthalene
Concen: 20.385 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 227278
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.260 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030014.D
Acq: 12 Jul 2022 12:43

Tgt Ion:180 Resp: 57905
Ion Ratio Lower Upper
180 100
182 97.2 47.0 141.0
145 32.6 17.0 50.9

