

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031810.D
 Acq On : 30 Sep 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 03 00:37:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:33:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	25682	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	138358	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131391	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	53853	27.860	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.867%
60) 4-Bromofluorobenzene	11.079	95	72374	29.755	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.200%
63) Toluene-d8	8.653	98	194298	29.109	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	157985	147.525	ug/l	99
3) Chloromethane	1.288	50	150319	133.955	ug/l	98
4) Vinyl Chloride	1.368	62	205484	136.513	ug/l	100
5) Bromomethane	1.612	94	181652	131.906	ug/l	99
6) Chloroethane	1.685	64	183729	138.435	ug/l	92
7) Trichlorofluoromethane	1.880	101	439647	136.677	ug/l	99
8) Diethyl Ether	2.130	74	148909	136.620	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	226631	148.451	ug/l	95
10) 1,1-Dichloroethene	2.319	96	210901	149.580	ug/l	89
11) Methyl Iodide	2.453	142	284971	184.617	ug/l	95
12) Methyl Acetate	2.703	43	219362	136.173	ug/l	98
13) Acrolein	2.239	56	88628	621.119	ug/l	97
14) Acrylonitrile	3.069	53	478193	699.358	ug/l	99
15) Acetone	2.392	58	125799	679.154	ug/l	93
16) Carbon Disulfide	2.508	76	472594	152.779	ug/l	100
17) Allyl chloride	2.660	41	249638	146.261	ug/l	98
18) Methylene Chloride	2.788	84	231751	143.621	ug/l	92
19) trans-1,2-Dichloroethene	3.087	96	245529	150.385	ug/l	99
20) Diisopropyl ether	3.764	45	547368	139.553	ug/l #	82
21) 1,1-Dichloroethane	3.611	63	365791	142.952	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	293186	148.653	ug/l	94
23) tert-Butyl Alcohol	3.050	59	180080	707.076	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	712590	147.047	ug/l	97
25) Chloroform	5.099	83	448037	142.611	ug/l	97
26) Cyclohexane	5.471	56	304195	144.115	ug/l #	95
29) 1,1-Dichloropropene	5.696	75	312372	145.650	ug/l	97
30) 2-Butanone	4.562	43	596338	683.083	ug/l	96
31) 2,2-Dichloropropane	4.477	77	338169	157.470	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	432548	152.361	ug/l	96
33) Carbon Tetrachloride	5.678	117	409980	157.503	ug/l	99
34) Benzene	6.038	78	926517	145.980	ug/l	99
35) Methacrylonitrile	4.922	41	129367	141.804	ug/l	92
36) 1,2-Dichloroethane	6.086	62	312710	139.840	ug/l	99
37) Trichloroethene	7.123	130	319980	154.524	ug/l	94
38) Methylcyclohexane	7.385	83	389299	148.283	ug/l	98
39) 1,2-Dichloropropane	7.434	63	214906	148.146	ug/l	97
40) Dibromomethane	7.580	93	188196	148.325	ug/l	90
41) Bromodichloromethane	7.824	83	353645	153.675	ug/l	99
42) Vinyl Acetate	3.721	43	2278195	723.657	ug/l	96

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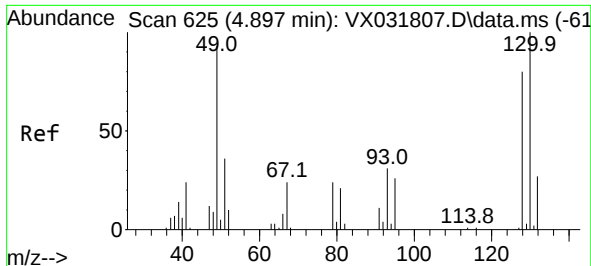
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	244318	139.284	ug/l	# 87
44) Isopropyl Acetate	6.342	43	418984	150.283	ug/l	96
45) 1,4-Dioxane	7.702	88	106970	2681.227	ug/l	97
46) Methyl methacrylate	7.696	41	190259	146.201	ug/l	93
47) n-amyl Acetate	10.848	43	380447	158.896	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	369896	163.047	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	393712	158.199	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	272223	148.132	ug/l	97
51) Ethyl methacrylate	9.116	69	359622	150.957	ug/l	99
52) 1,3-Dichloropropane	9.311	76	403307	143.210	ug/l	99
53) Dibromochloromethane	9.525	129	337967	165.149	ug/l	99
54) 1,2-Dibromoethane	9.610	107	299872	147.296	ug/l	98
55) 2-Chloroethyl vinyl ether	8.245	63	866198	741.529	ug/l	96
56) Bromoform	10.799	173	268690	179.134	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	1235687	699.545	ug/l	96
59) 2-Hexanone	9.433	43	922620	698.356	ug/l	98
61) Tetrachloroethene	9.275	164	328984	155.933	ug/l	98
62) Toluene	8.720	91	1101873	146.473	ug/l	99
64) Chlorobenzene	10.080	112	764721	148.984	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	311120	159.881	ug/l	99
66) Ethyl Benzene	10.195	91	1247403	147.130	ug/l	98
67) m/p-Xylenes	10.305	106	1052586	298.147	ug/l	96
68) o-Xylene	10.647	106	520019	150.027	ug/l	95
69) Styrene	10.659	104	871121	154.737	ug/l	99
70) Isopropylbenzene	10.964	105	1348571	149.712	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	374215	145.751	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	320791m	145.399	ug/l	
73) Bromobenzene	11.201	156	385089	159.398	ug/l	93
74) n-propylbenzene	11.305	91	1476371	149.093	ug/l	98
75) 2-Chlorotoluene	11.366	91	867618	145.733	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	1129462	148.749	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	117703	182.549	ug/l	85
78) 4-Chlorotoluene	11.457	91	1002913	147.769	ug/l	97
79) tert-butylbenzene	11.719	119	1183893	155.112	ug/l	95
80) 1,2,4-Trimethylbenzene	11.756	105	1129508	150.011	ug/l	98
81) sec-Butylbenzene	11.890	105	1400132	149.792	ug/l	98
82) p-Isopropyltoluene	12.012	119	1246993	151.796	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	715787	156.586	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	727961	155.288	ug/l	98
85) n-Butylbenzene	12.335	91	979594	154.632	ug/l	98
86) Hexachloroethane	12.543	117	223447	173.252	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	689088	151.087	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	80681	156.608	ug/l	84
89) 1,2,4-Trichlorobenzene	13.591	180	483230	163.748	ug/l	98
90) Hexachlorobutadiene	13.725	225	191764	161.750	ug/l	100
91) Naphthalene	13.774	128	1440060	152.520	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	477716	163.440	ug/l	95

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

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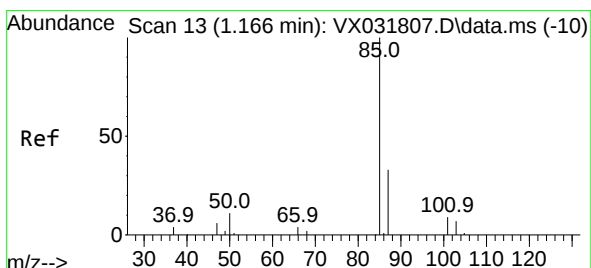
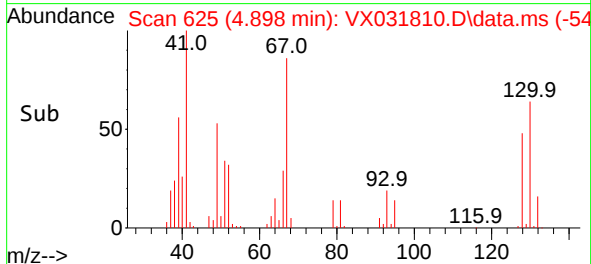
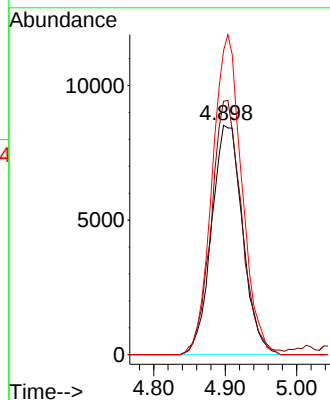
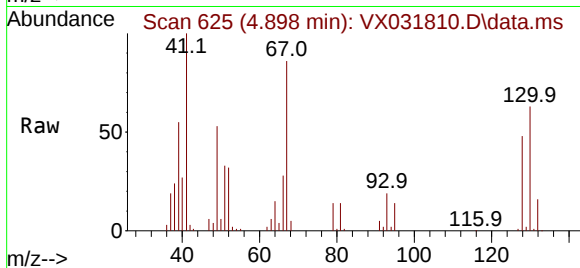




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

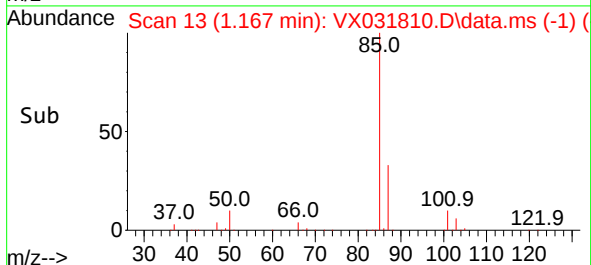
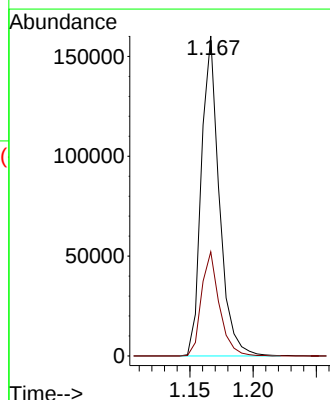
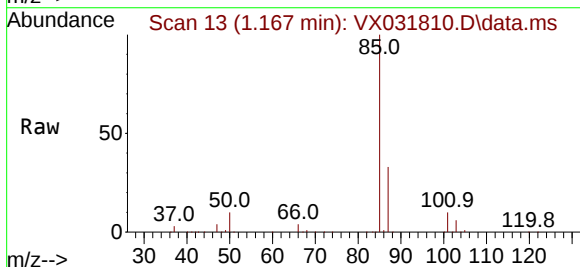
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MSVOA_X
ClientSampleId :
VSTDIC150

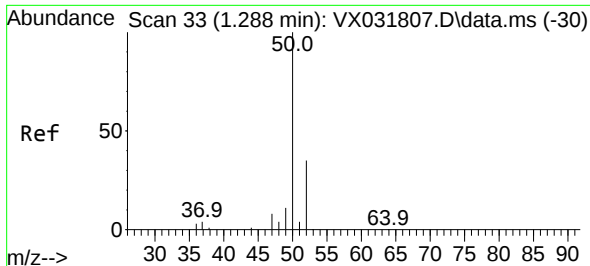
Tgt Ion:128 Resp: 25682
Ion Ratio Lower Upper
128 100
49 108.0 0.0 293.0
130 132.7 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 147.525 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 85 Resp: 157985
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5

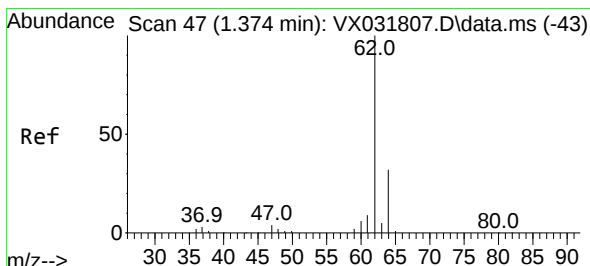
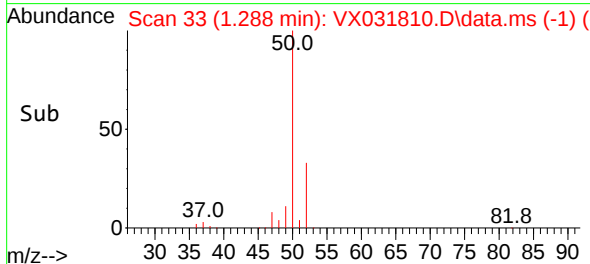
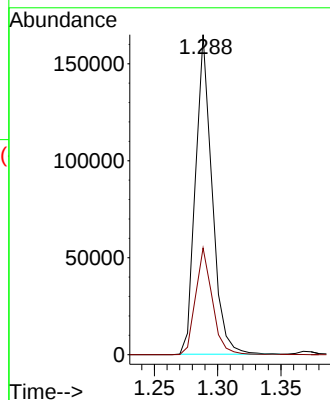
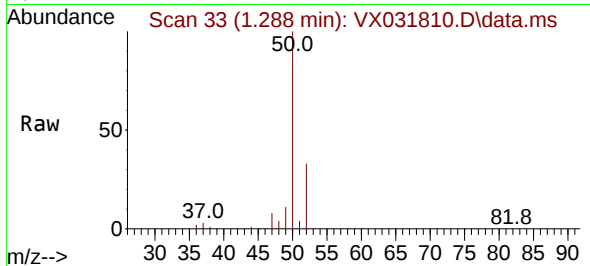




#3
Chloromethane
Concen: 133.955 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

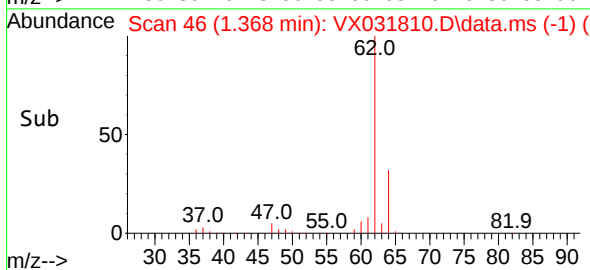
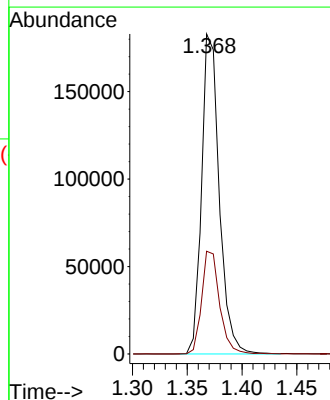
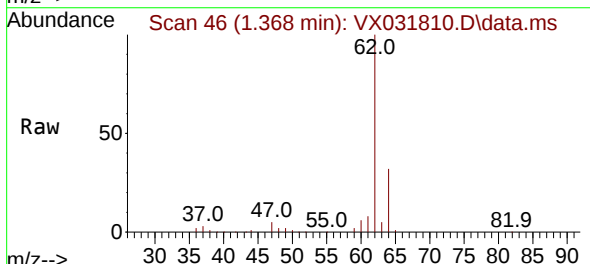
Instrument :
MSVOA_X
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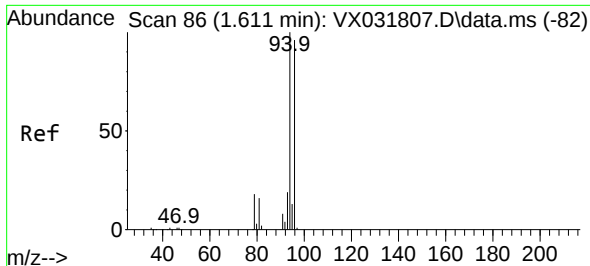
Tgt Ion: 50 Resp: 150319
Ion Ratio Lower Upper
50 100
52 33.4 27.6 41.4



#4
Vinyl Chloride
Concen: 136.513 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 62 Resp: 205484
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5

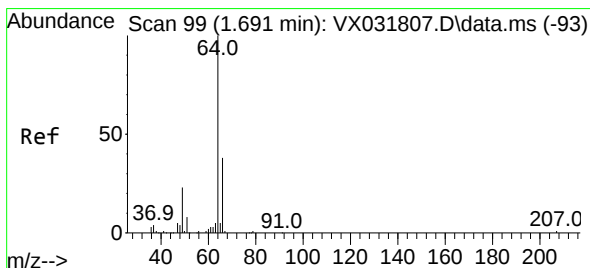
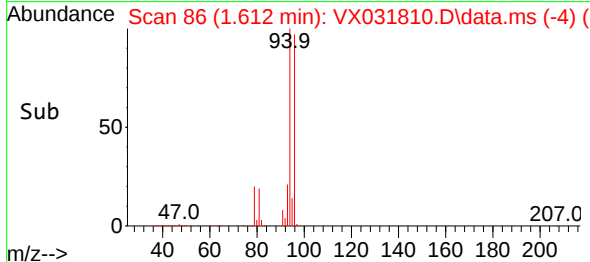
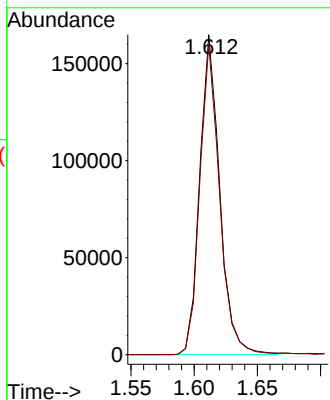
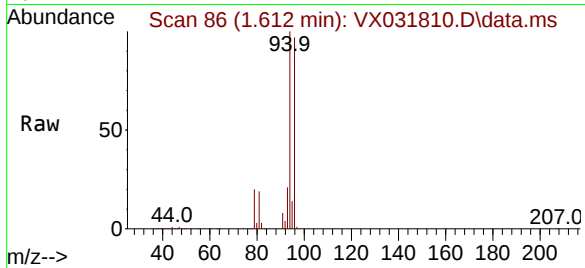




#5
Bromomethane
Concen: 131.906 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

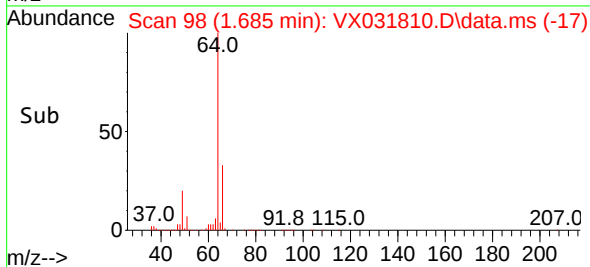
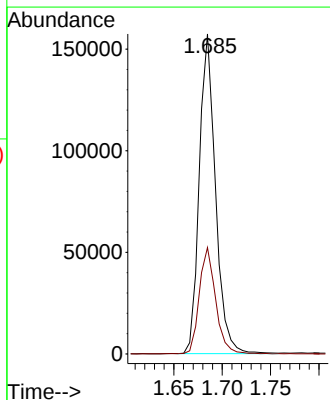
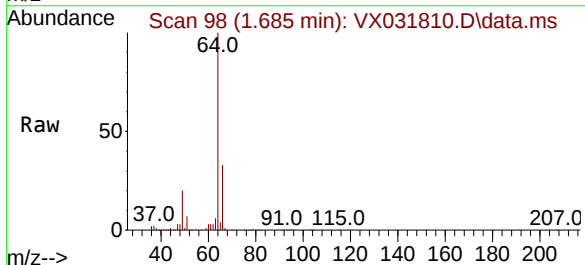
Instrument :
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ClientSampleId :
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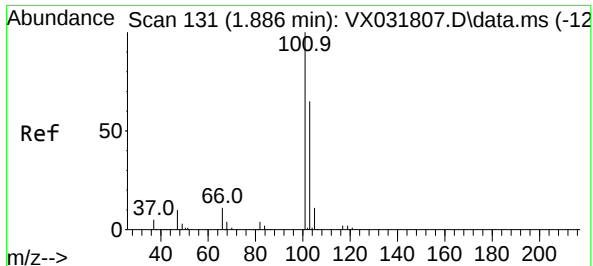
Tgt Ion: 94 Resp: 181652
Ion Ratio Lower Upper
94 100
96 96.8 76.8 115.2



#6
Chloroethane
Concen: 138.435 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 64 Resp: 183729
Ion Ratio Lower Upper
64 100
66 33.2 30.6 46.0

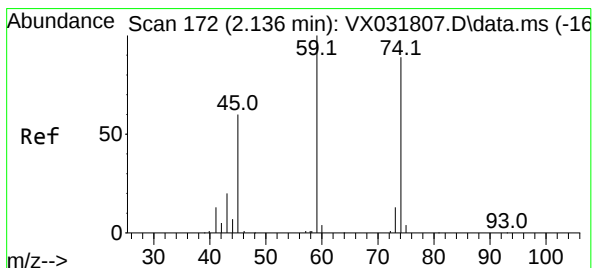
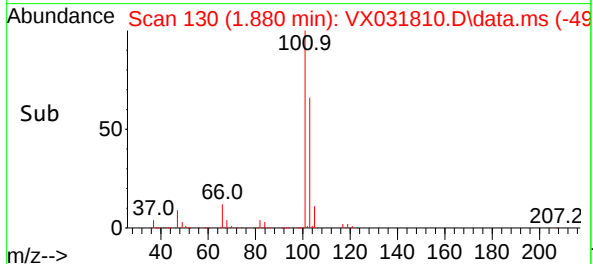
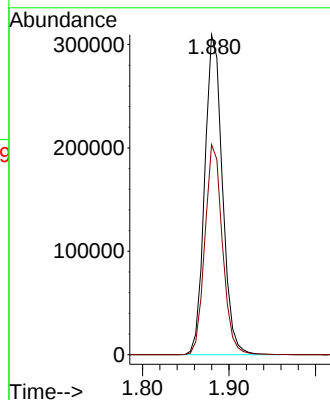
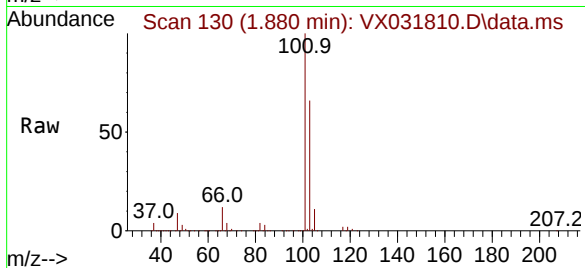




#7
 Trichlorofluoromethane
 Concen: 136.677 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX031810.D
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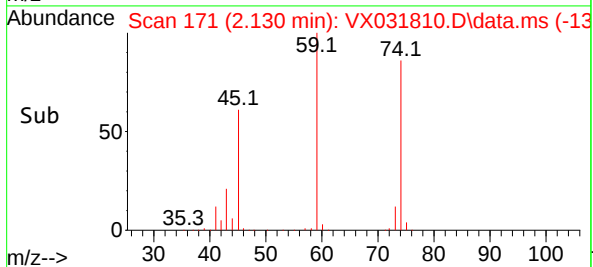
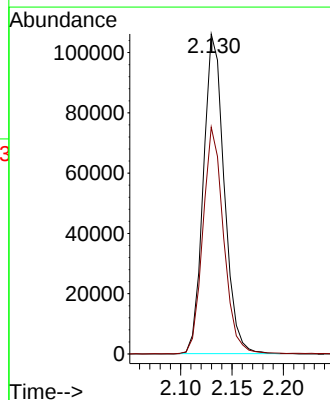
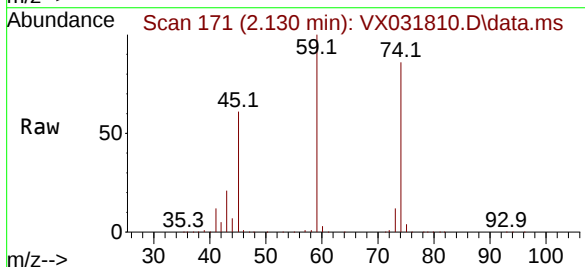
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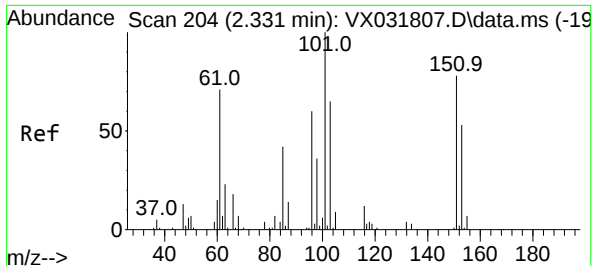
Tgt Ion:101 Resp: 439647
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 136.620 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

Tgt Ion: 74 Resp: 148909
 Ion Ratio Lower Upper
 74 100
 45 70.5 14.2 127.8

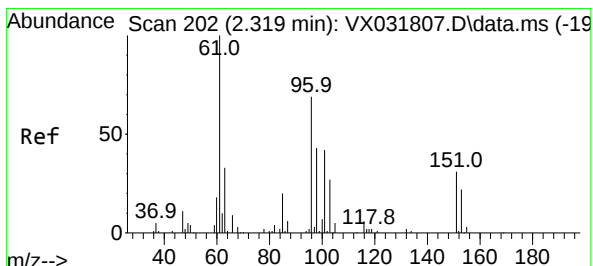
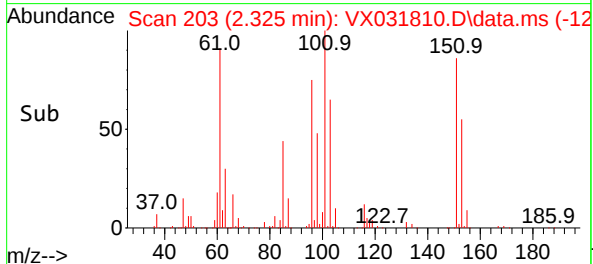
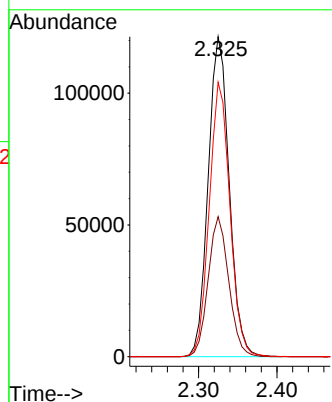
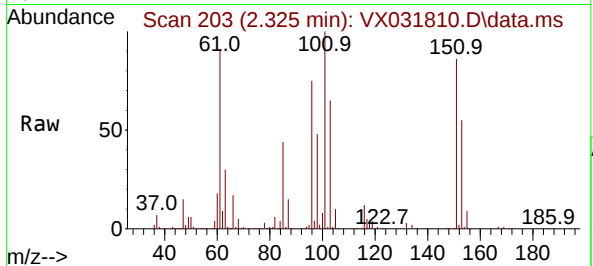




#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.451 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

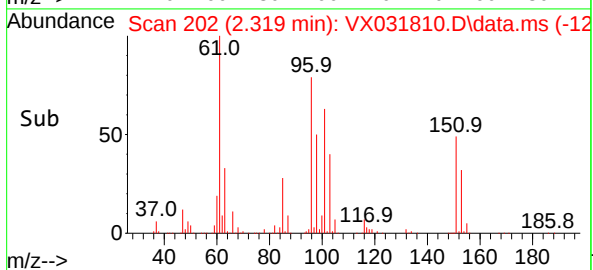
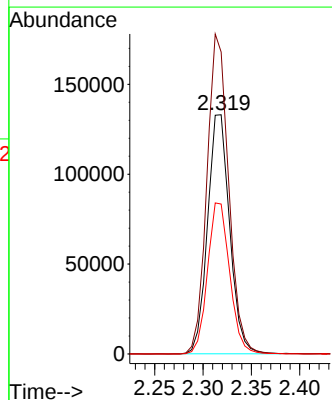
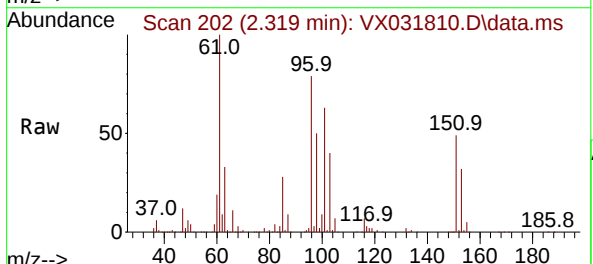
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ClientSampleId :
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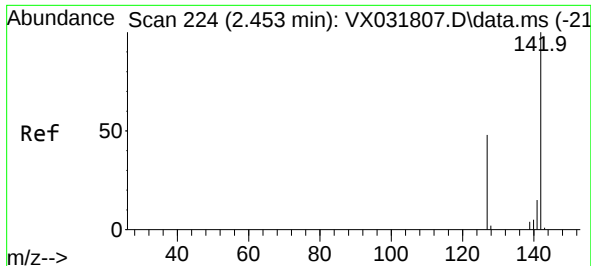
Tgt Ion:101 Resp: 226631
Ion Ratio Lower Upper
101 100
85 42.9 0.0 88.8
151 84.2 0.0 156.6



#10
1,1-Dichloroethene
Concen: 149.580 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 96 Resp: 210901
Ion Ratio Lower Upper
96 100
61 126.4 115.8 173.6
98 62.7 49.7 74.5

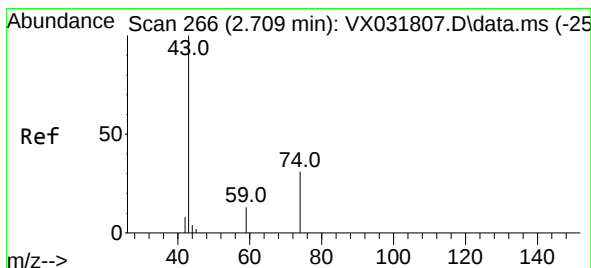
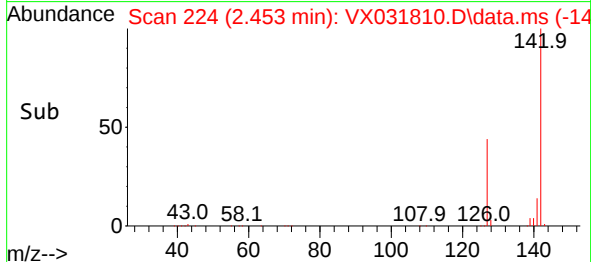
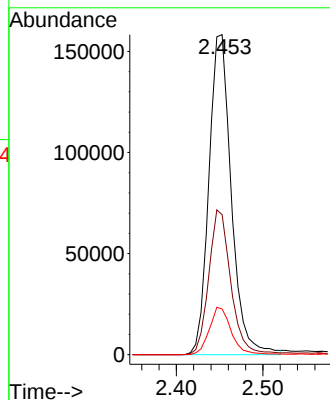
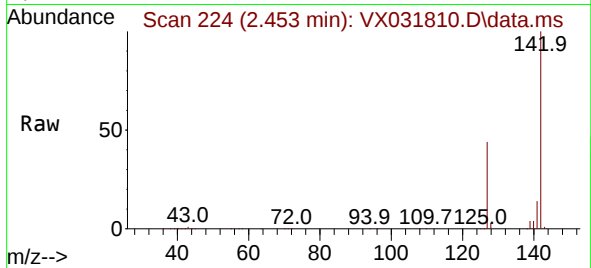




#11
Methyl Iodide
Concen: 184.617 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

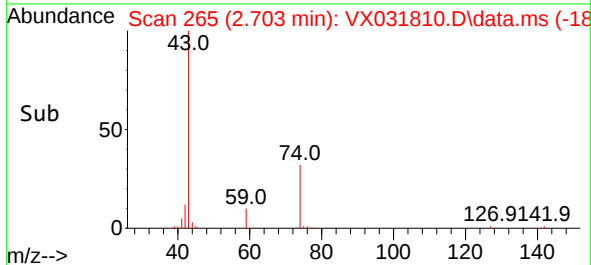
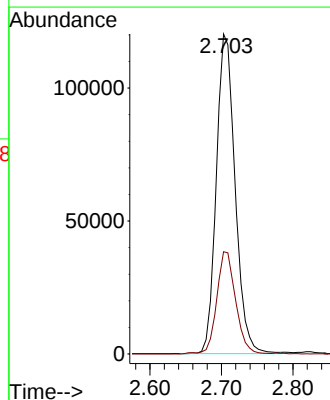
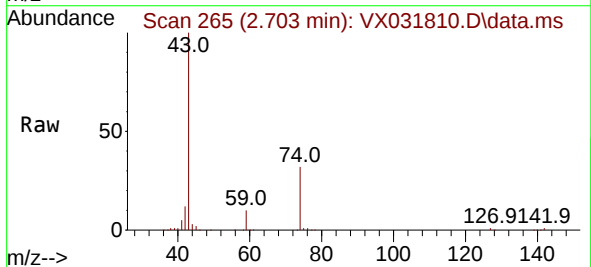
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

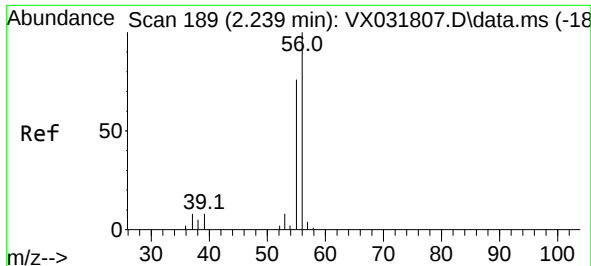
Tgt Ion:142 Resp: 284971
Ion Ratio Lower Upper
142 100
127 43.8 23.8 71.2
141 14.3 7.6 22.8



#12
Methyl Acetate
Concen: 136.173 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 43 Resp: 219362
Ion Ratio Lower Upper
43 100
74 31.9 24.8 37.2

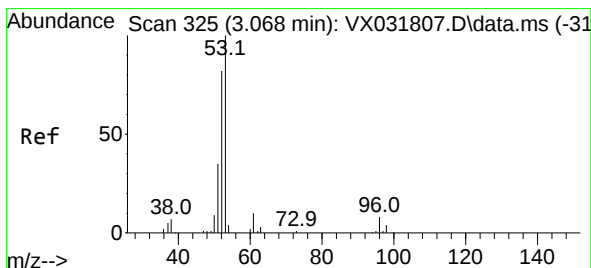
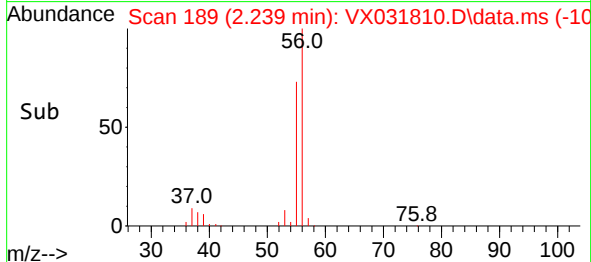
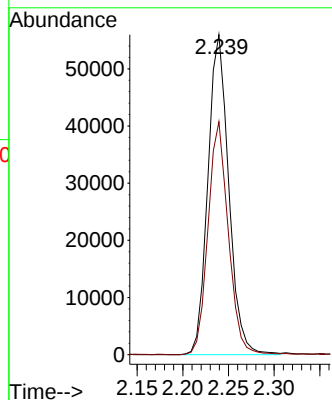
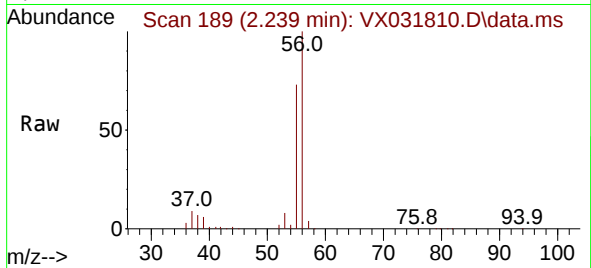




#13
Acrolein
Concen: 621.119 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

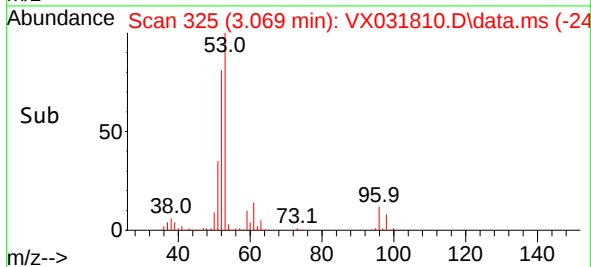
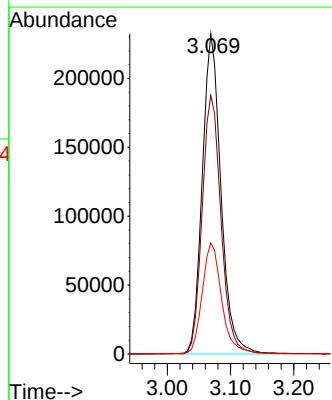
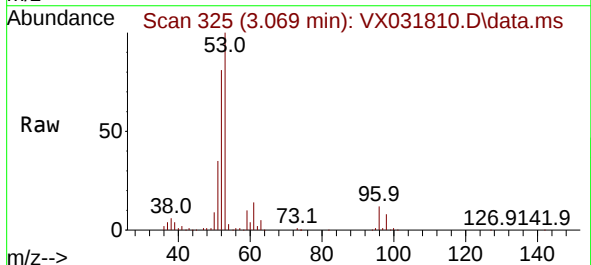
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

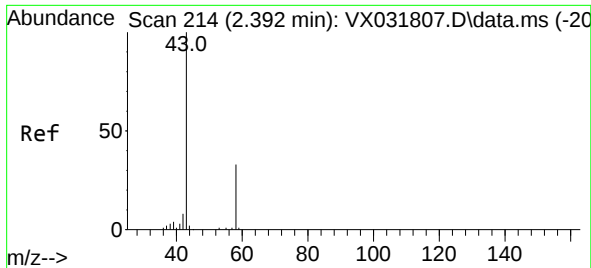
Tgt Ion: 56 Resp: 88628
Ion Ratio Lower Upper
56 100
55 70.7 58.4 87.6



#14
Acrylonitrile
Concen: 699.358 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 53 Resp: 478193
Ion Ratio Lower Upper
53 100
52 81.4 41.5 124.5
51 36.3 18.3 54.9

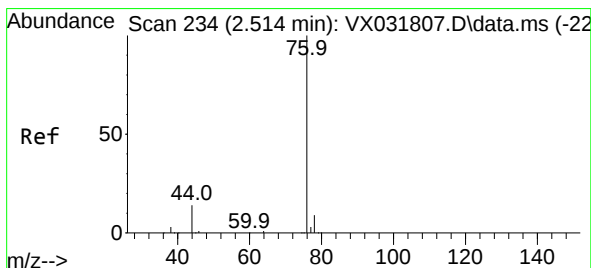
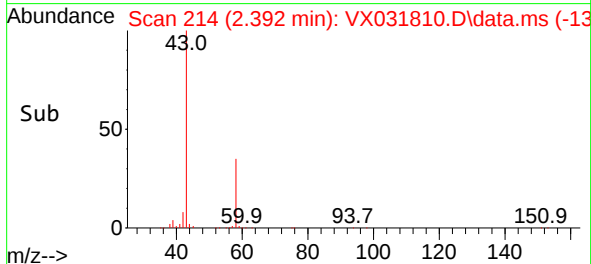
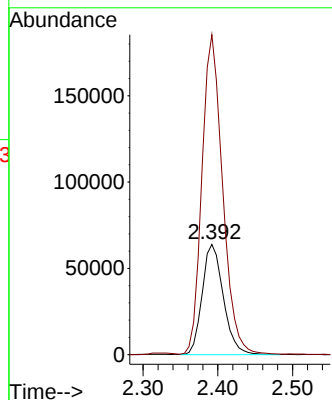
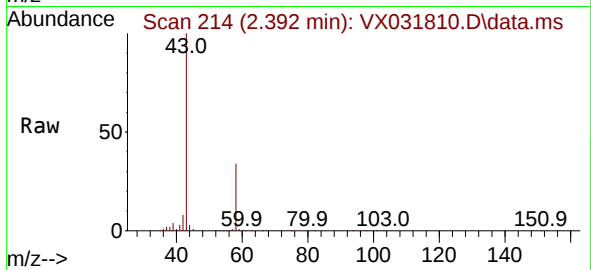




#15
Acetone
Concen: 679.154 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

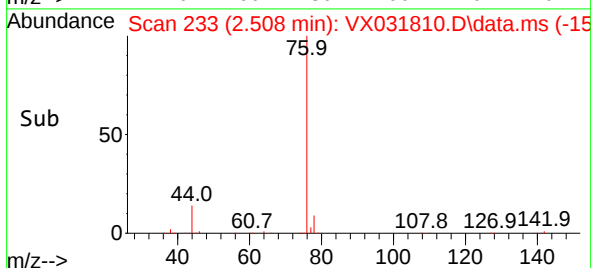
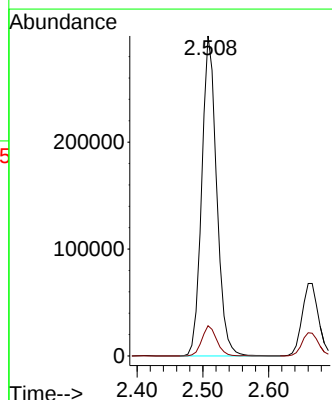
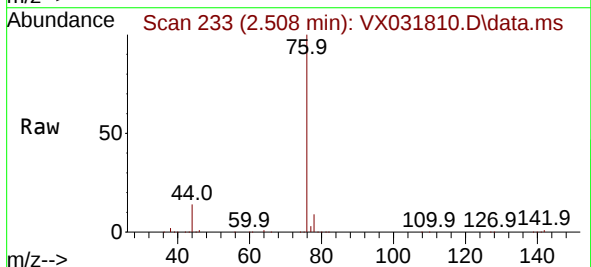
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

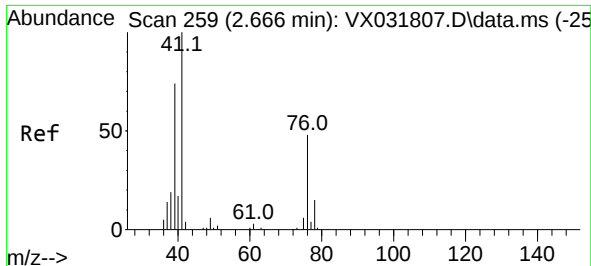
Tgt Ion: 58 Resp: 125799
Ion Ratio Lower Upper
58 100
43 290.0 242.6 364.0



#16
Carbon Disulfide
Concen: 152.779 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 76 Resp: 472594
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#17

Allyl chloride

Concen: 146.261 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

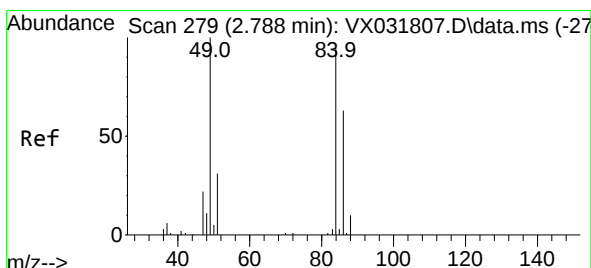
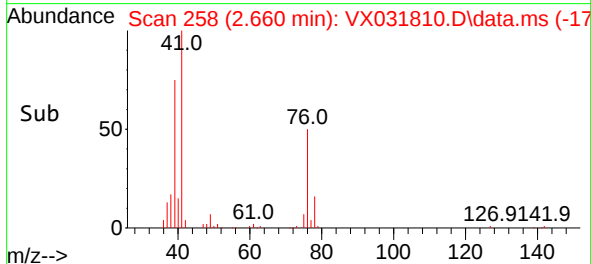
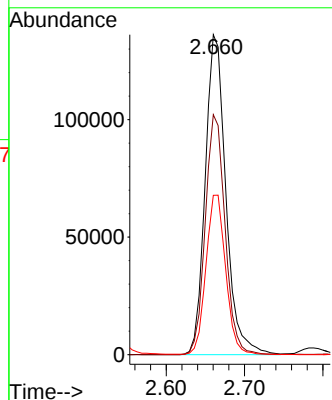
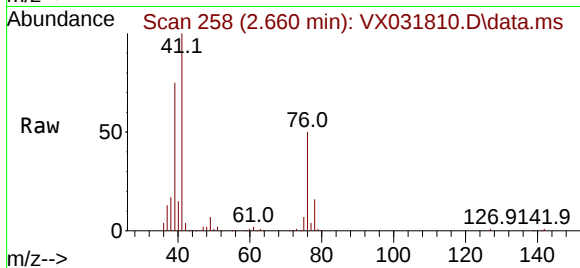
Tgt Ion: 41 Resp: 249638

Ion Ratio Lower Upper

41 100

39 75.0 37.0 111.0

76 49.8 23.8 71.5



#18

Methylene Chloride

Concen: 143.621 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Tgt Ion: 84 Resp: 231751

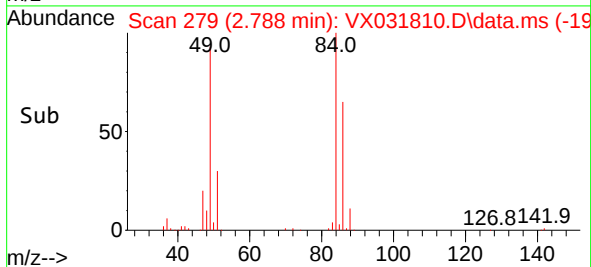
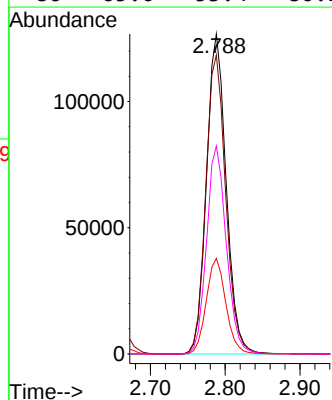
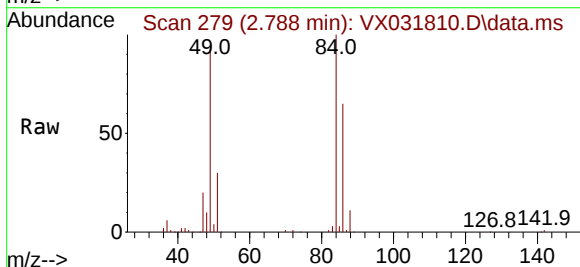
Ion Ratio Lower Upper

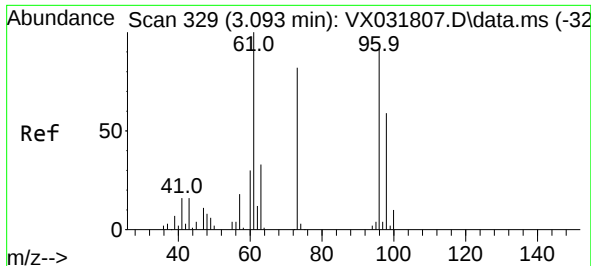
84 100

49 93.5 84.6 127.0

51 29.9 26.5 39.7

86 65.0 53.4 80.2

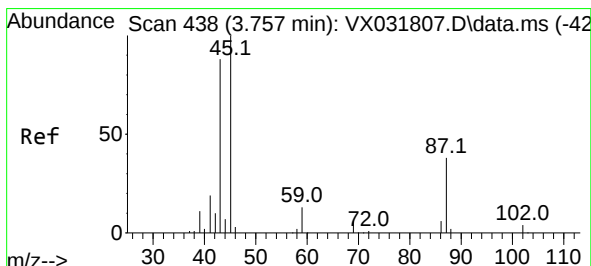
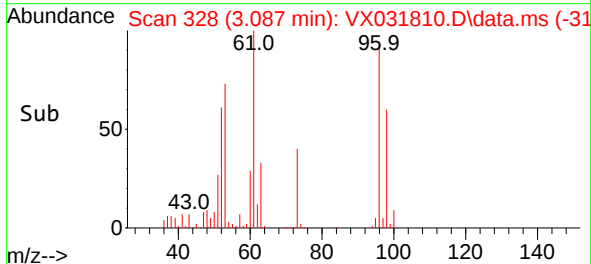
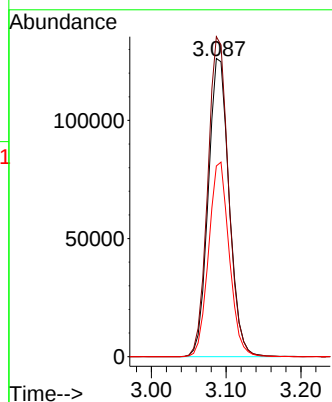
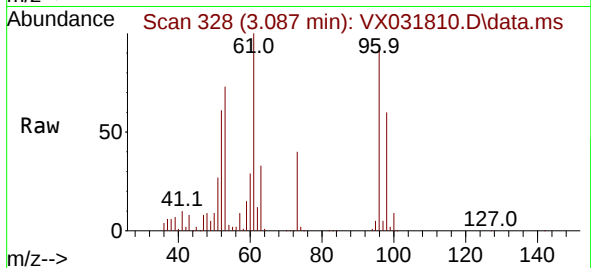




#19
trans-1,2-Dichloroethene
Concen: 150.385 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

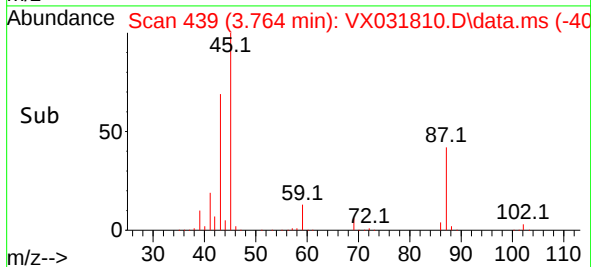
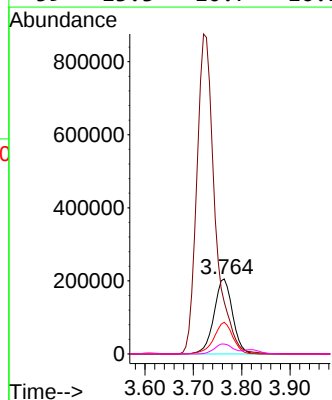
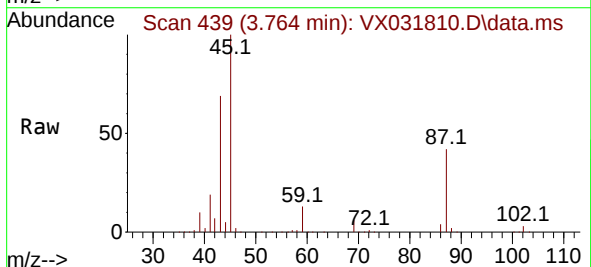
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

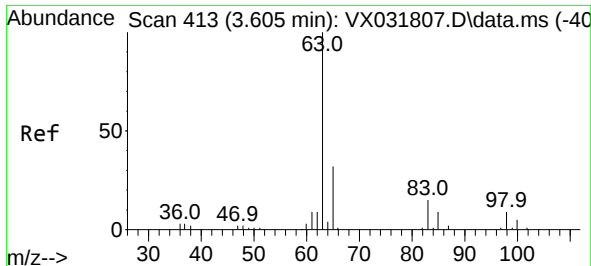
Tgt Ion: 96 Resp: 245529
Ion Ratio Lower Upper
96 100
61 107.3 87.4 131.0
98 64.0 51.5 77.3



#20
Diisopropyl ether
Concen: 139.553 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 45 Resp: 547368
Ion Ratio Lower Upper
45 100
43 68.9 74.5 111.7#
87 42.3 30.4 45.6
59 13.3 10.7 16.1

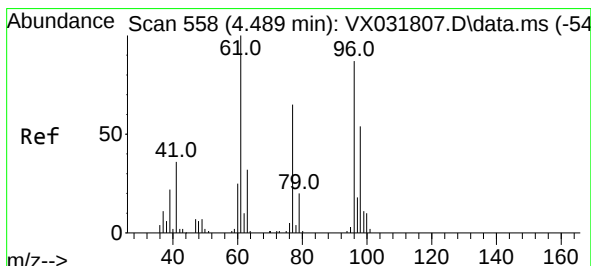
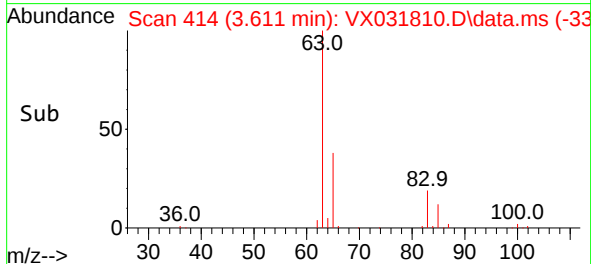
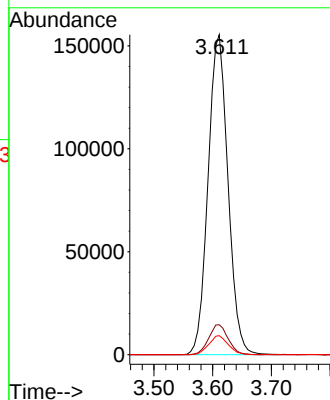
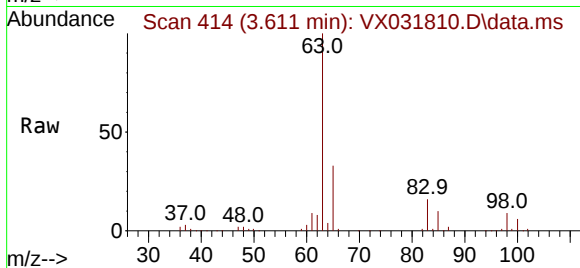




#21
1,1-Dichloroethane
Concen: 142.952 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

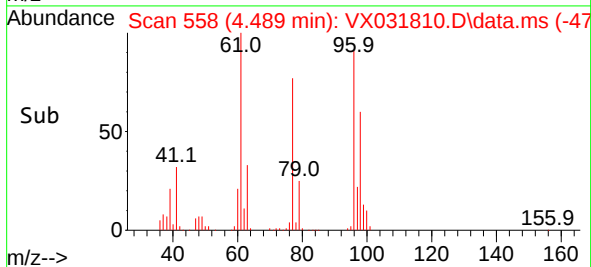
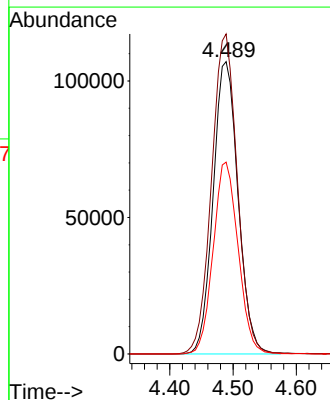
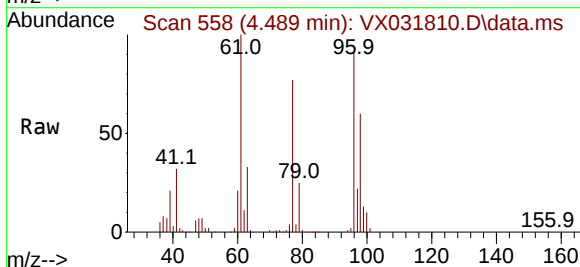
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

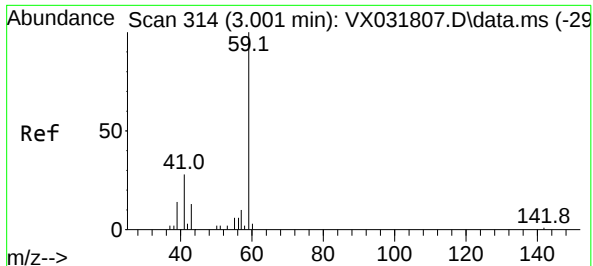
Tgt Ion: 63 Resp: 365791
Ion Ratio Lower Upper
63 100
98 9.3 4.5 13.7
100 5.9 2.8 8.3



#22
cis-1,2-Dichloroethene
Concen: 148.653 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 96 Resp: 293186
Ion Ratio Lower Upper
96 100
61 112.9 98.0 147.0
98 65.6 52.2 78.4

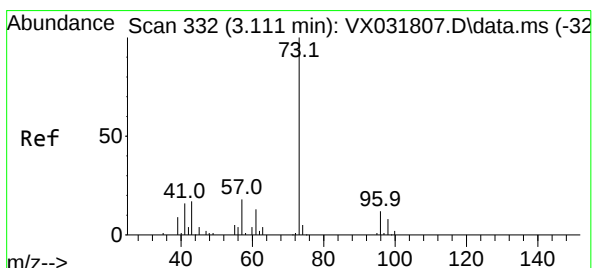
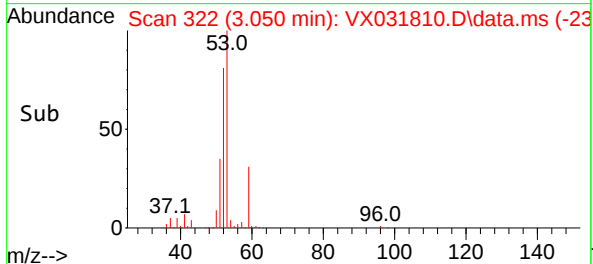
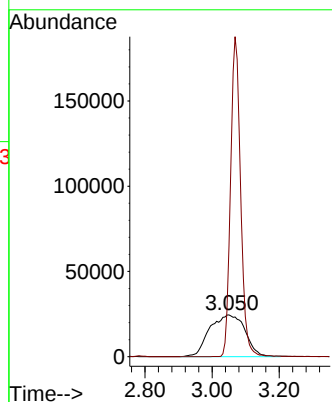
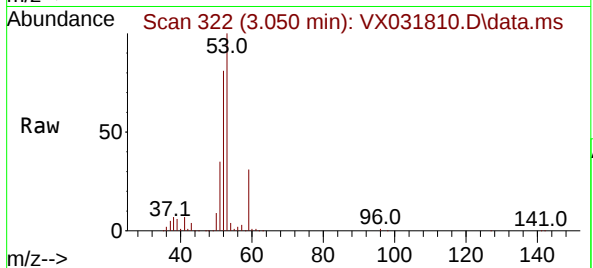




#23
tert-Butyl Alcohol
Concen: 707.076 ug/l
RT: 3.050 min Scan# 314
Delta R.T. 0.049 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

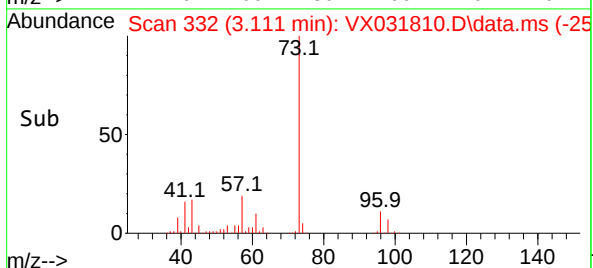
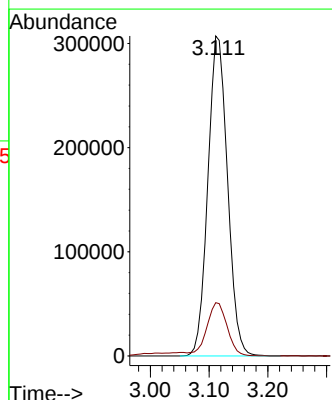
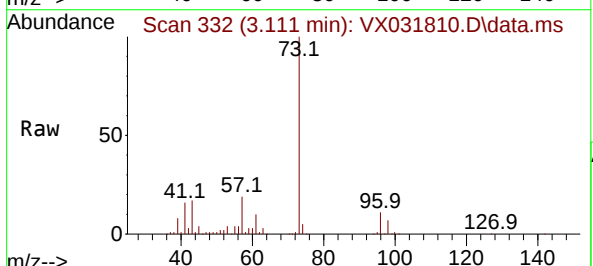
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

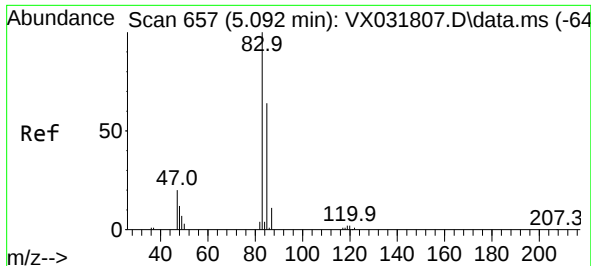
Tgt Ion: 59 Resp: 180080
Ion Ratio Lower Upper
59 100
52 216.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 147.047 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 73 Resp: 712590
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2





#25

Chloroform

Concen: 142.611 ug/l

RT: 5.099 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

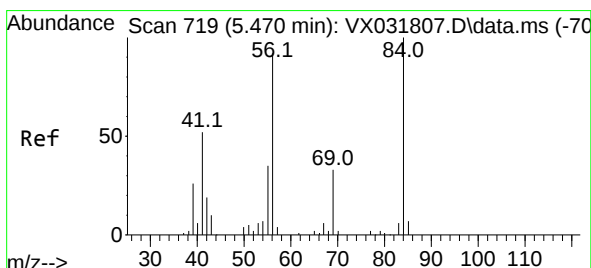
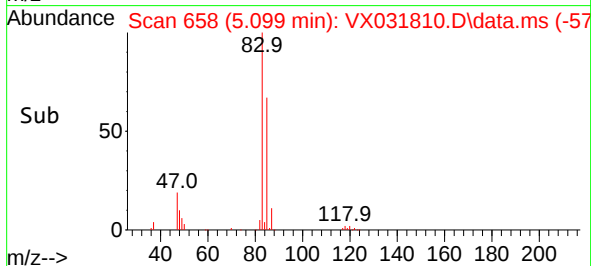
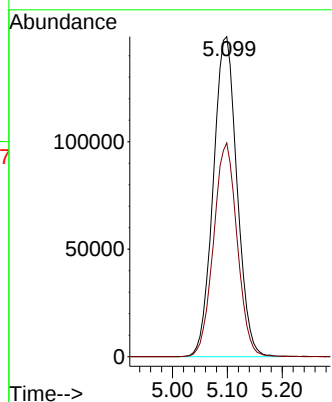
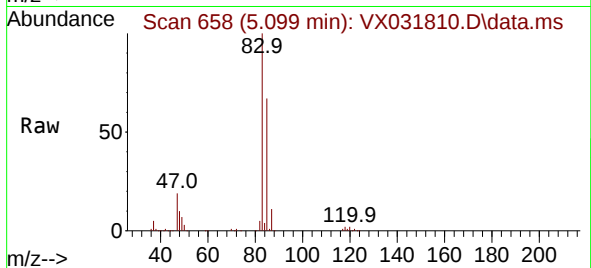
VSTDIC150

Tgt Ion: 83 Resp: 448037

Ion Ratio Lower Upper

83 100

85 66.7 51.4 77.0



#26

Cyclohexane

Concen: 144.115 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

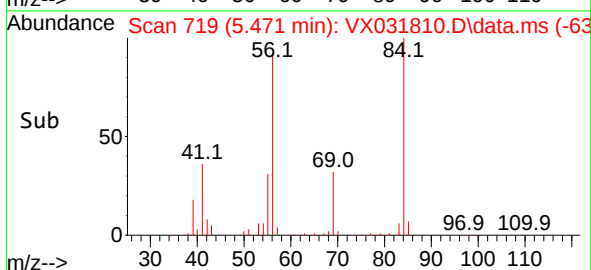
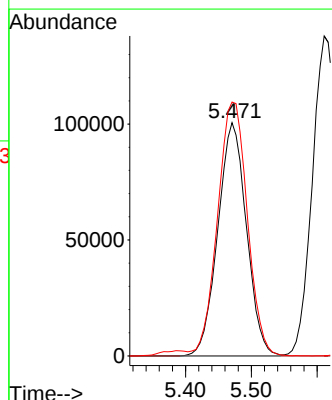
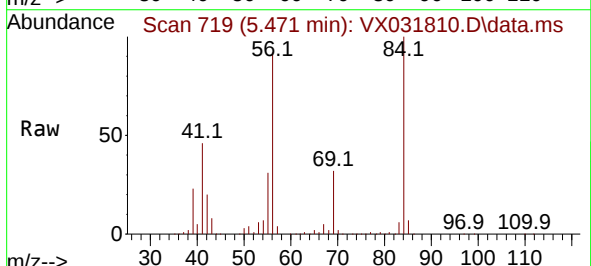
Tgt Ion: 56 Resp: 304195

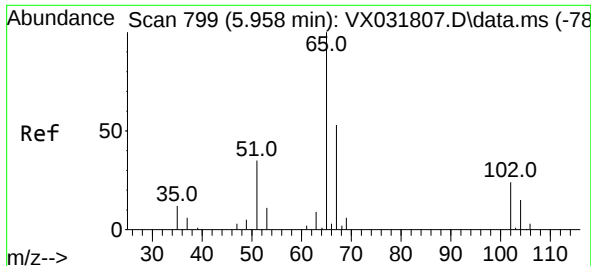
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 113.6 86.6 130.0

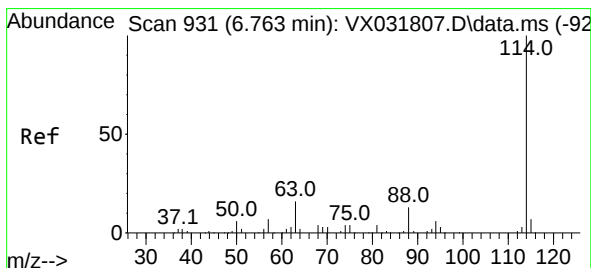
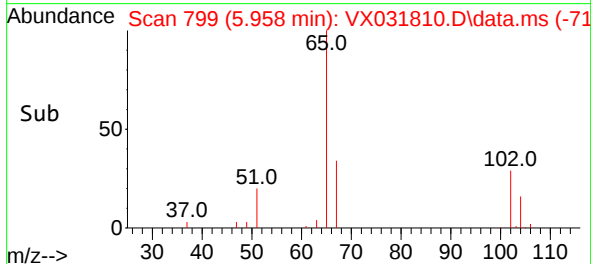
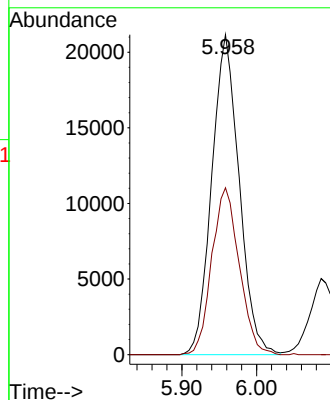
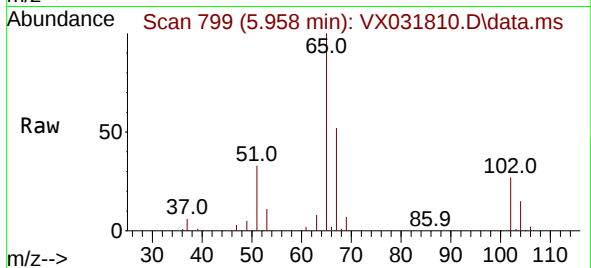




#27
 1,2-Dichloroethane-d4
 Concen: 27.860 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

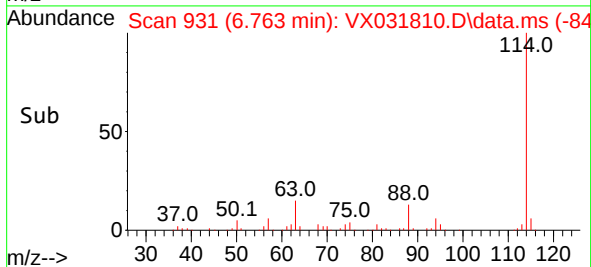
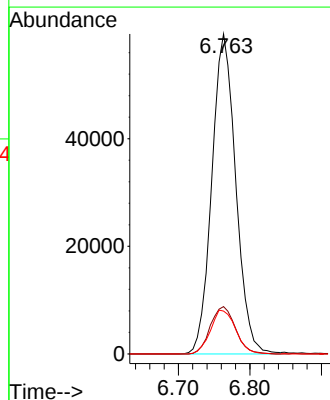
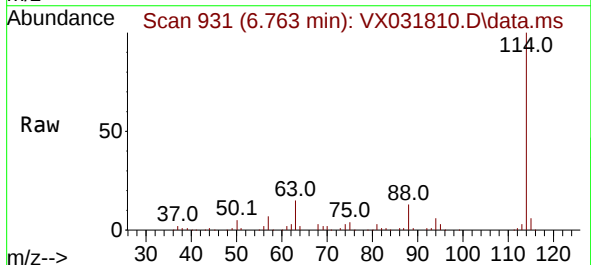
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

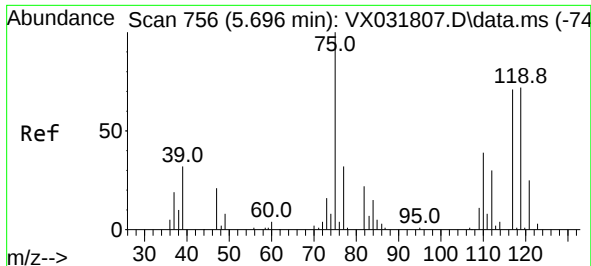
Tgt Ion: 65 Resp: 53853
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.8 62.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

Tgt Ion: 114 Resp: 138358
 Ion Ratio Lower Upper
 114 100
 63 15.5 13.6 20.4
 88 14.4 11.8 17.6





#29

1,1-Dichloropropene

Concen: 145.650 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

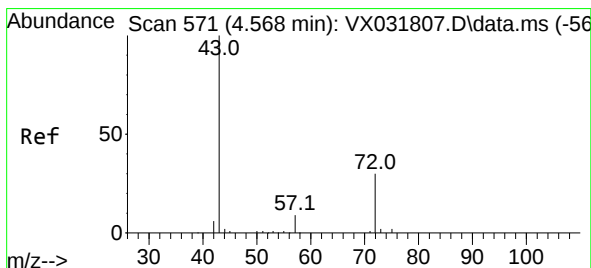
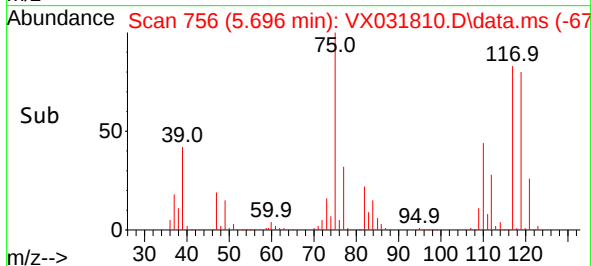
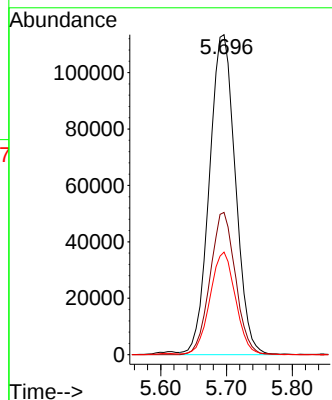
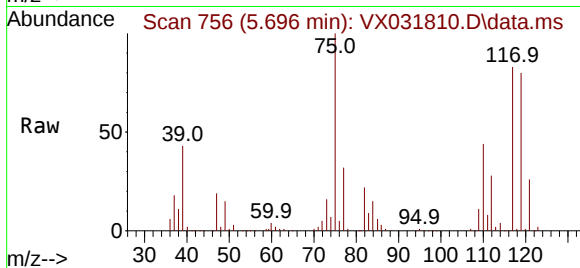
Tgt Ion: 75 Resp: 312372

Ion Ratio Lower Upper

75 100

110 43.4 0.0 80.4

77 31.5 0.0 62.0



#30

2-Butanone

Concen: 683.083 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

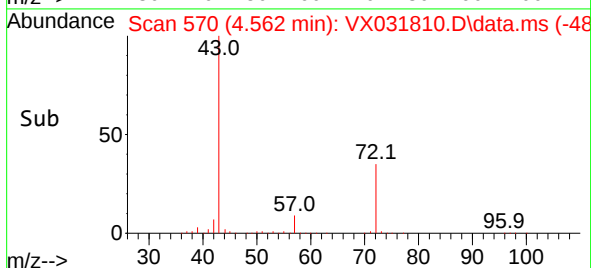
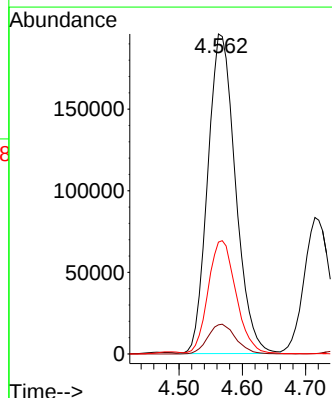
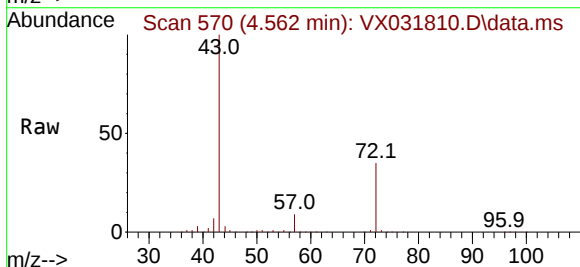
Tgt Ion: 43 Resp: 596338

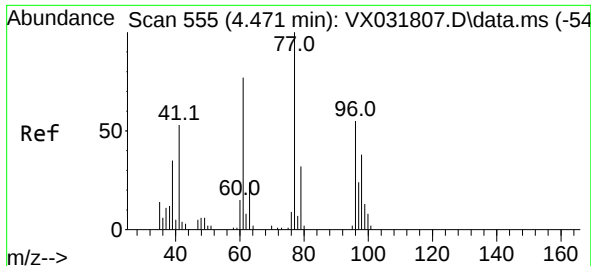
Ion Ratio Lower Upper

43 100

57 9.4 7.5 11.3

72 35.8 26.6 39.8





#31

2,2-Dichloropropane

Concen: 157.470 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

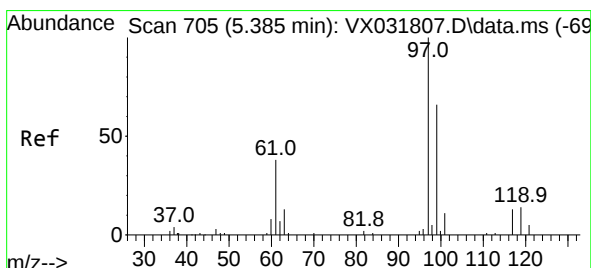
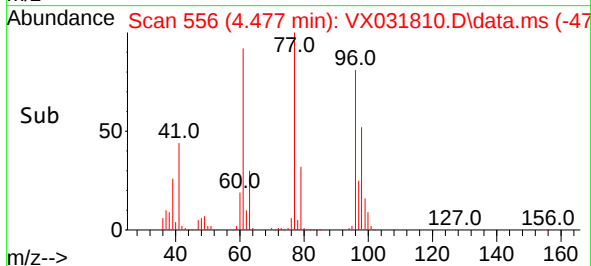
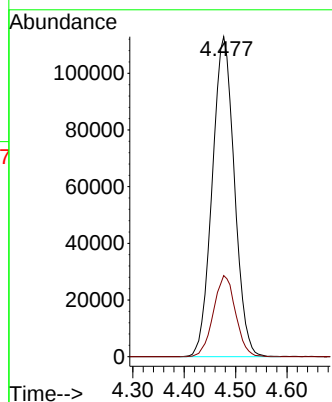
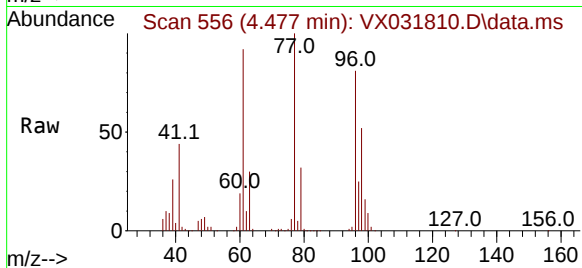
VSTDIC150

Tgt Ion: 77 Resp: 338169

Ion Ratio Lower Upper

77 100

97 25.3 20.0 30.0



#32

1,1,1-Trichloroethane

Concen: 152.361 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

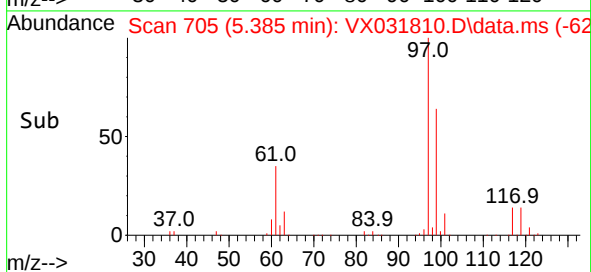
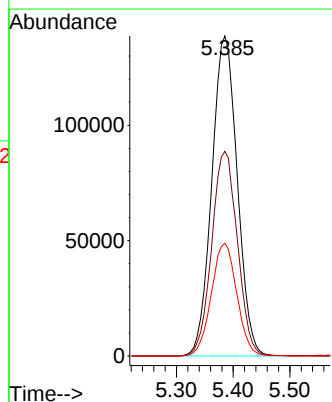
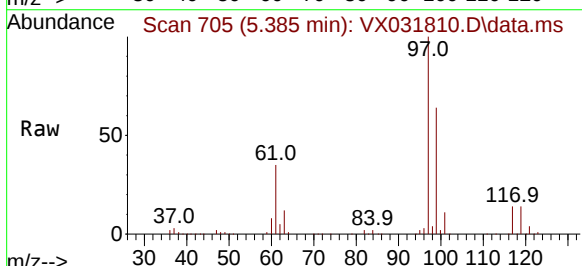
Tgt Ion: 97 Resp: 432548

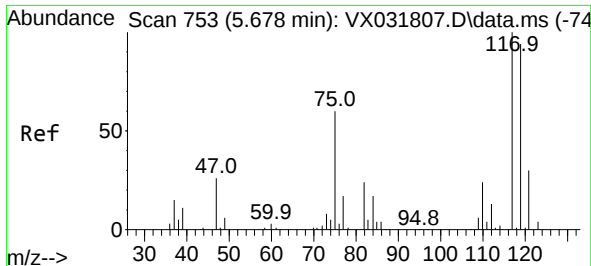
Ion Ratio Lower Upper

97 100

99 64.5 53.8 80.6

61 35.3 31.3 46.9

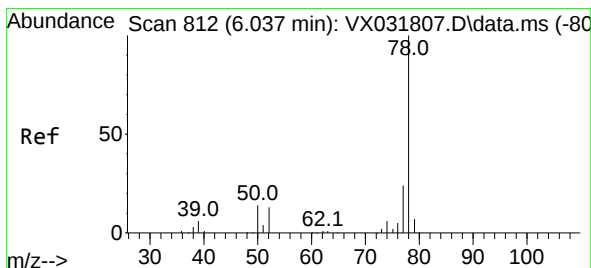
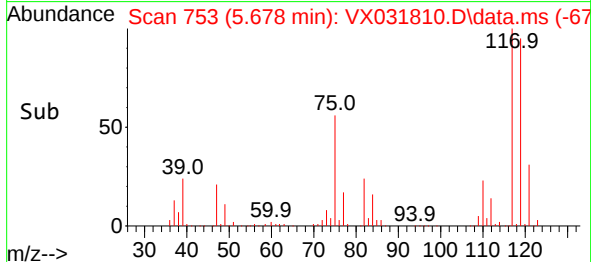
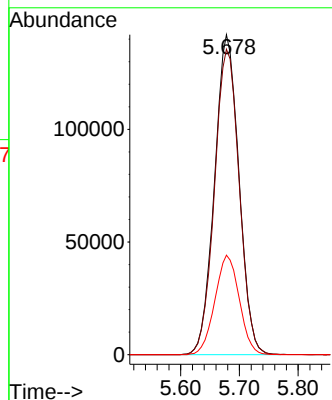
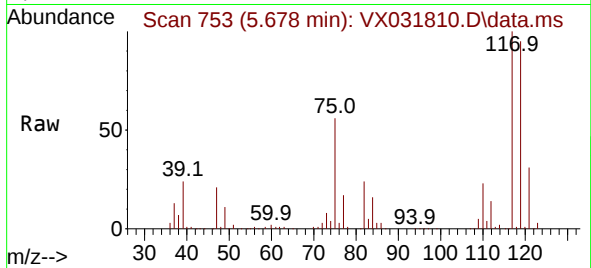




#33
Carbon Tetrachloride
Concen: 157.503 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

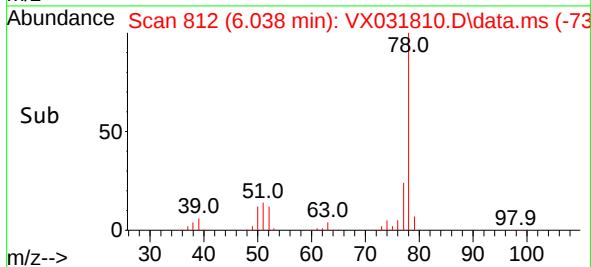
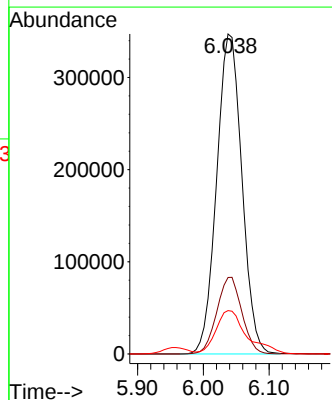
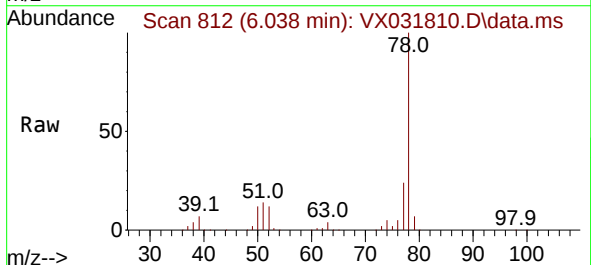
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

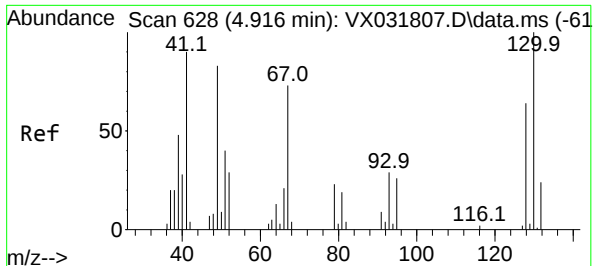
Tgt Ion:117 Resp: 409980
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 31.1 24.4 36.6



#34
Benzene
Concen: 145.980 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 78 Resp: 926517
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6
51 12.8 10.6 15.8



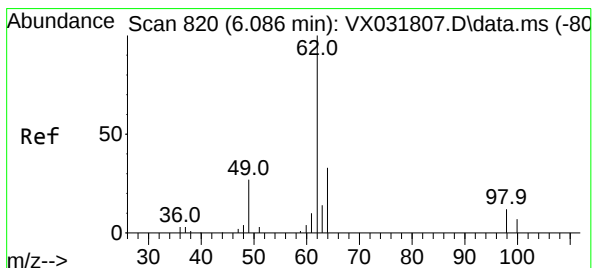
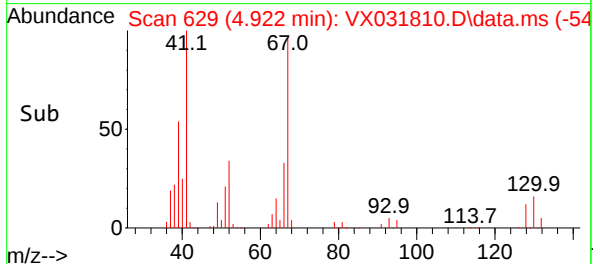
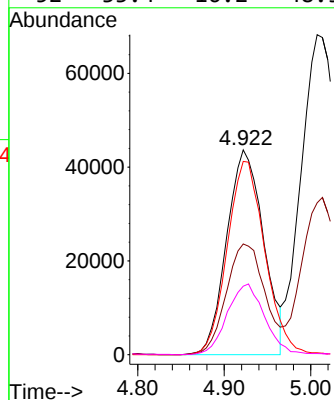
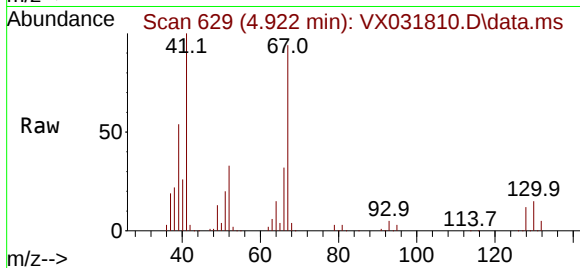


#35
Methacrylonitrile
Concen: 141.804 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 129367

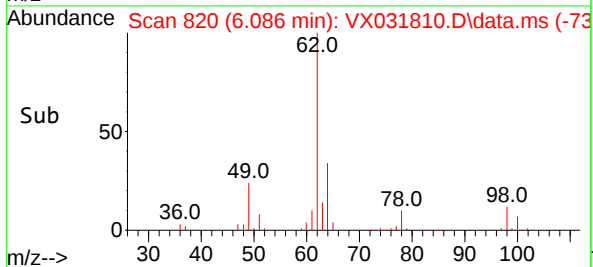
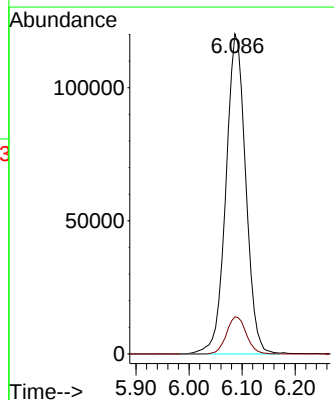
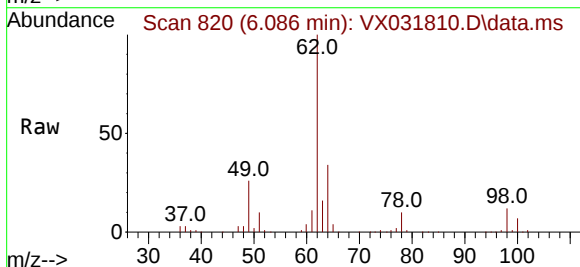
Ion	Ratio	Lower	Upper
41	100		
39	54.0	26.9	80.7
67	94.4	40.6	121.8
52	33.4	16.2	48.5

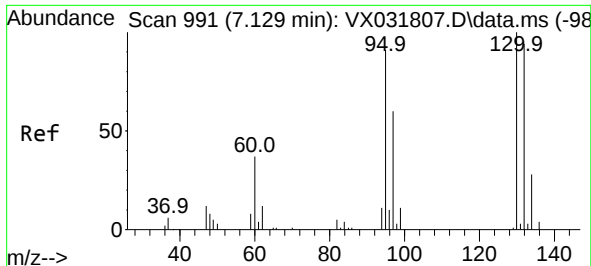


#36
1,2-Dichloroethane
Concen: 139.840 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 62 Resp: 312710

Ion	Ratio	Lower	Upper
62	100		
98	11.6	8.8	13.2

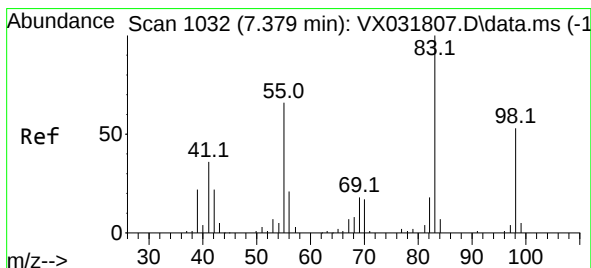
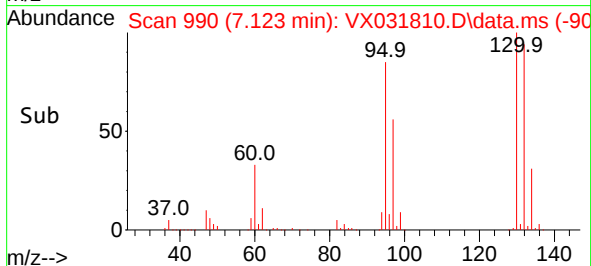
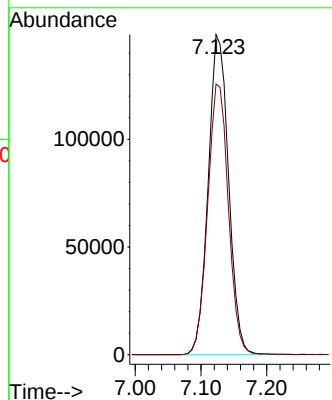
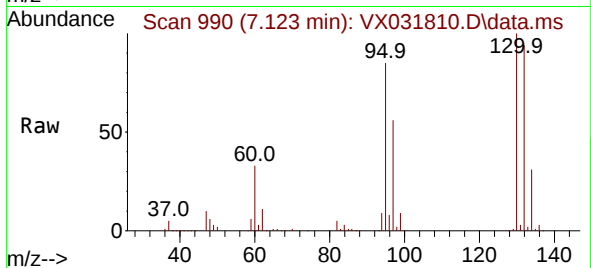




#37
Trichloroethene
Concen: 154.524 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

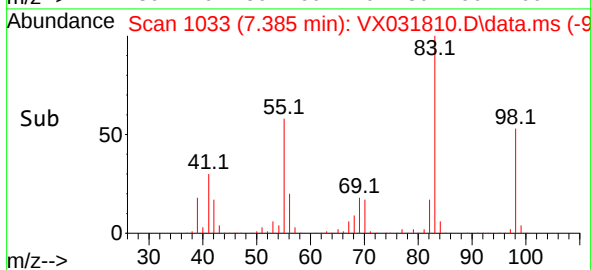
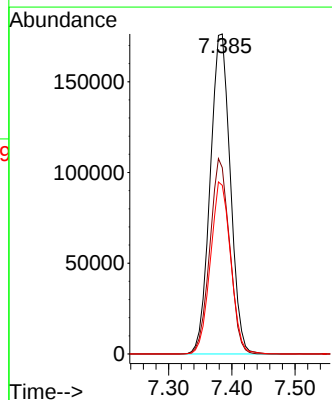
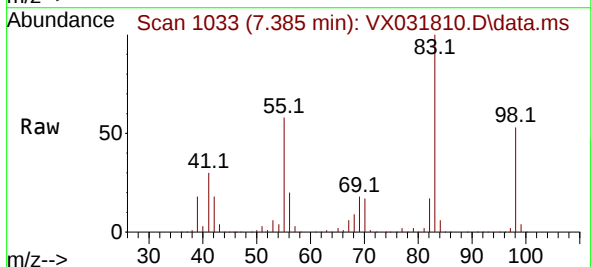
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

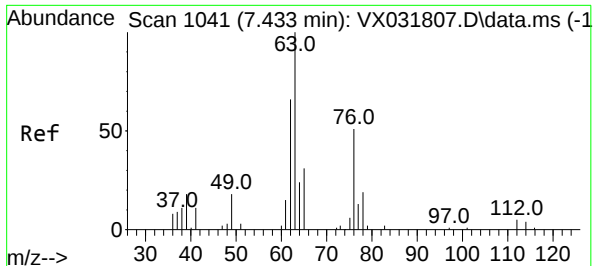
Tgt Ion:130 Resp: 319980
Ion Ratio Lower Upper
130 100
95 84.6 72.4 108.6



#38
Methylcyclohexane
Concen: 148.283 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 83 Resp: 389299
Ion Ratio Lower Upper
83 100
55 59.9 31.6 94.7
98 54.1 26.9 80.6





#39

1,2-Dichloropropane

Concen: 148.146 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

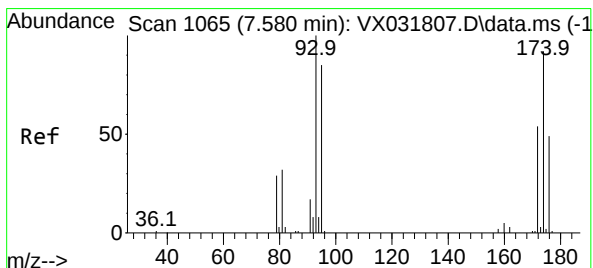
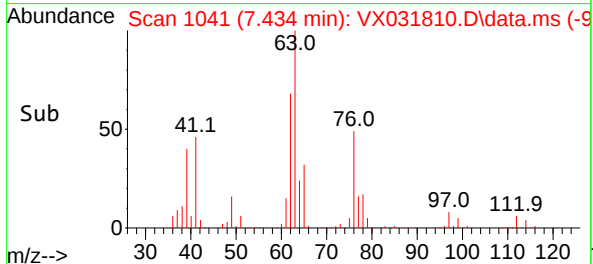
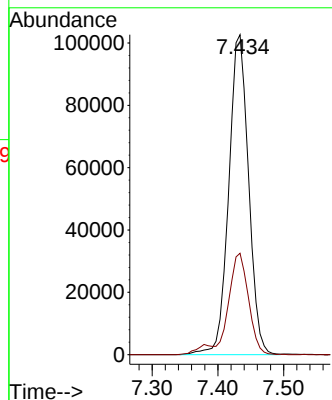
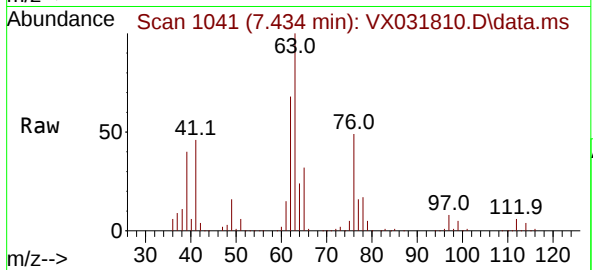
VSTDIC150

Tgt Ion: 63 Resp: 214906

Ion Ratio Lower Upper

63 100

65 31.6 26.5 39.7



#40

Dibromomethane

Concen: 148.325 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

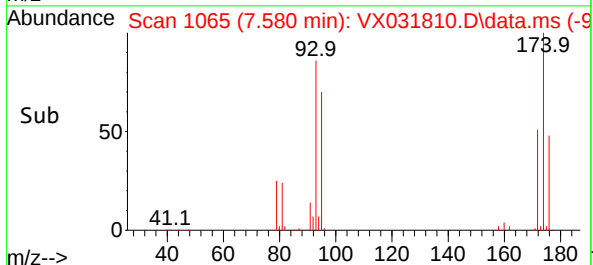
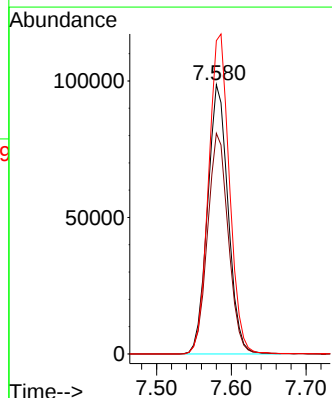
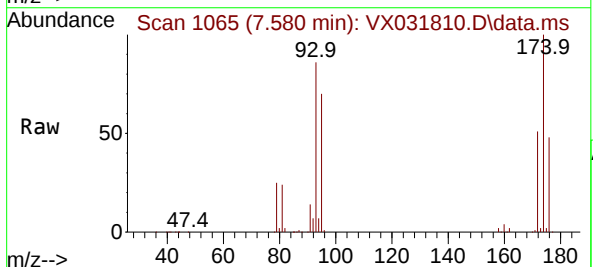
Tgt Ion: 93 Resp: 188196

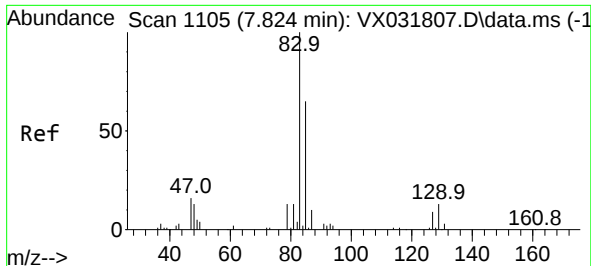
Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.0

174 120.2 0.0 205.2

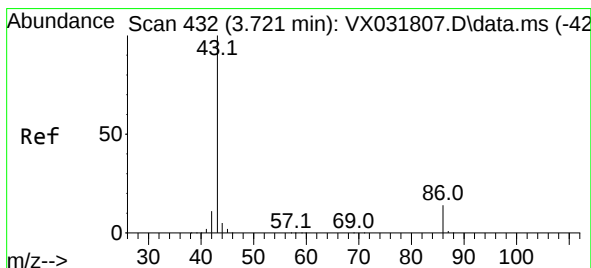
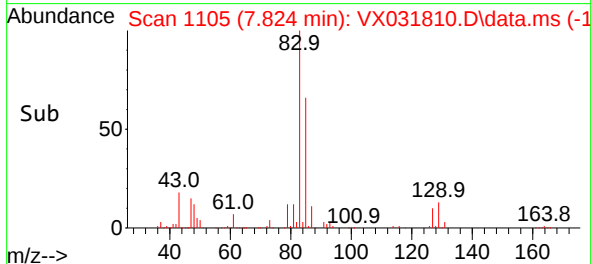
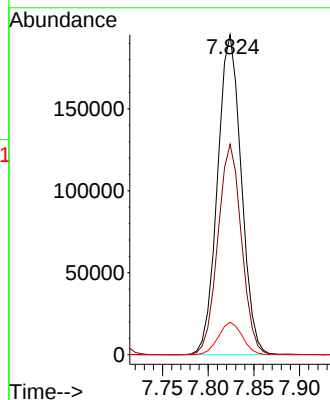
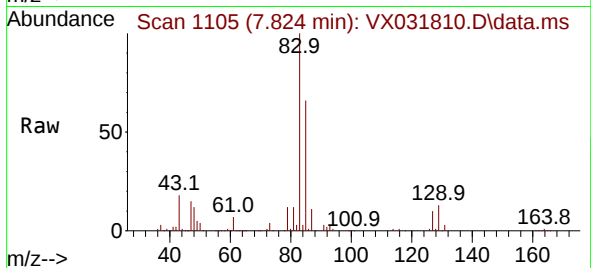




#41
Bromodichloromethane
Concen: 153.675 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

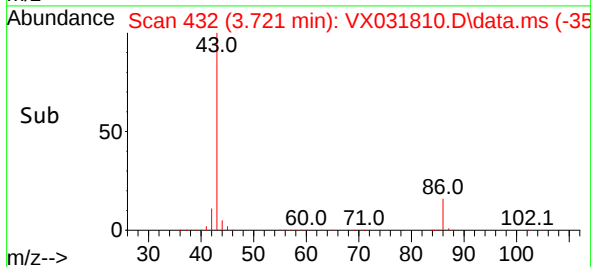
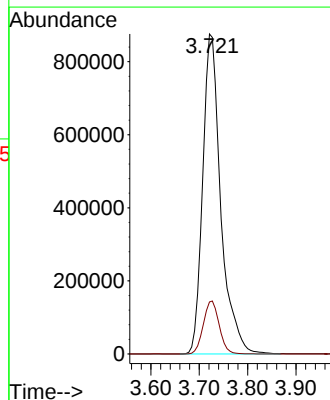
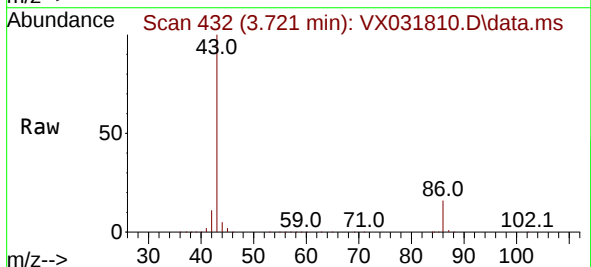
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

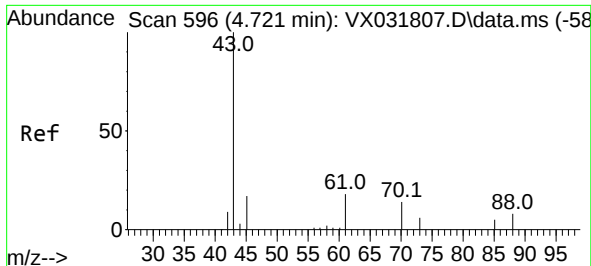
Tgt Ion: 83 Resp: 353645
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5
127 10.1 6.8 10.2



#42
Vinyl Acetate
Concen: 723.657 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 43 Resp: 2278195
Ion Ratio Lower Upper
43 100
86 14.5 10.3 15.5

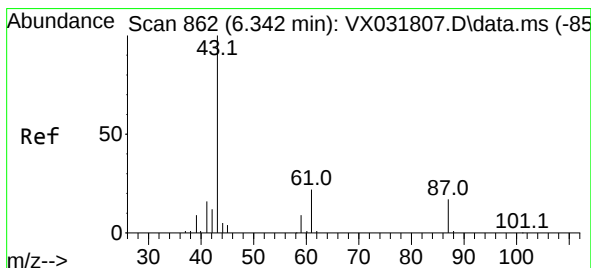
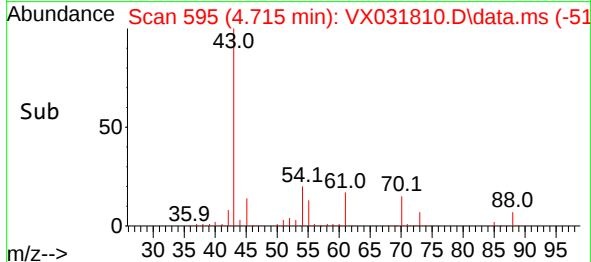
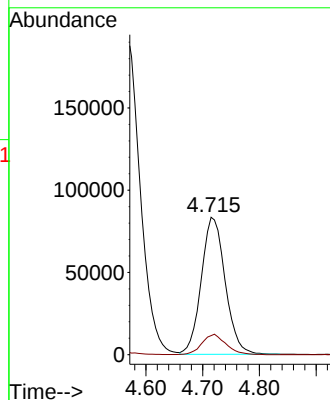
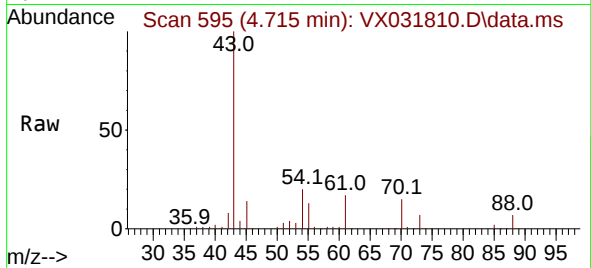




#43
Ethyl Acetate
Concen: 139.284 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

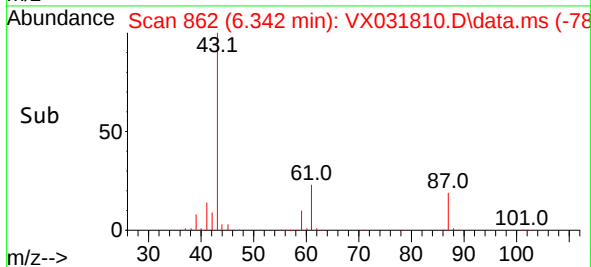
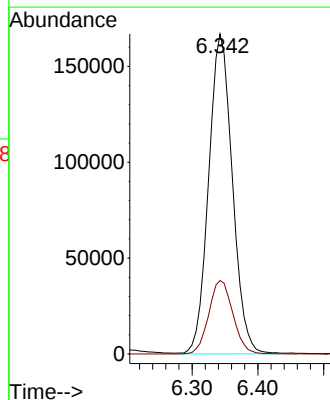
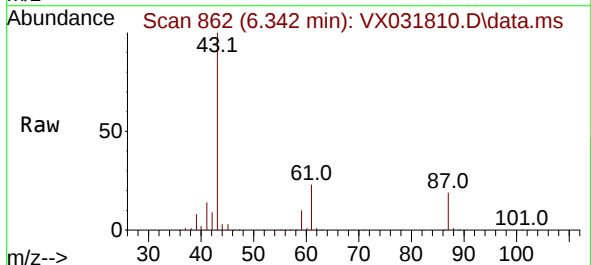
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

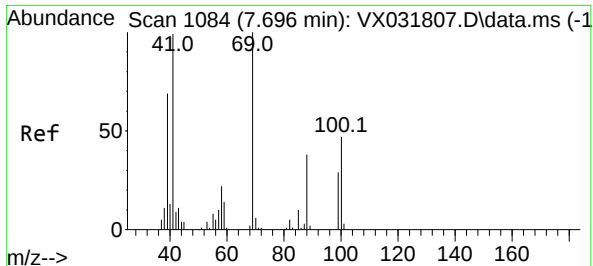
Tgt Ion: 43 Resp: 244318
Ion Ratio Lower Upper
43 100
45 15.0 8.2 12.2#



#44
Isopropyl Acetate
Concen: 150.283 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 43 Resp: 418984
Ion Ratio Lower Upper
43 100
61 23.3 17.2 25.8

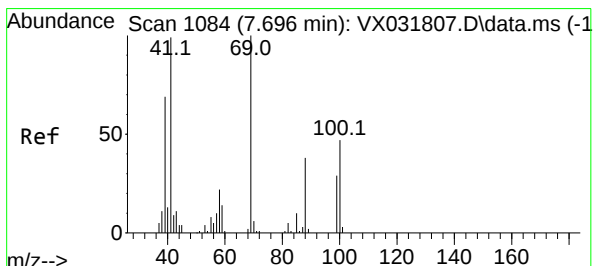
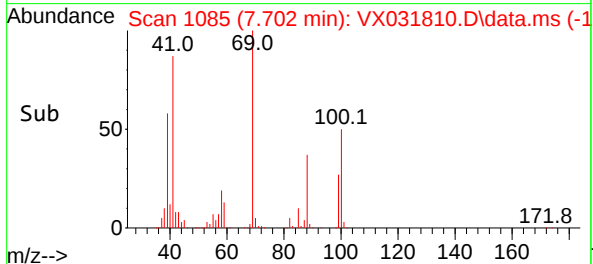
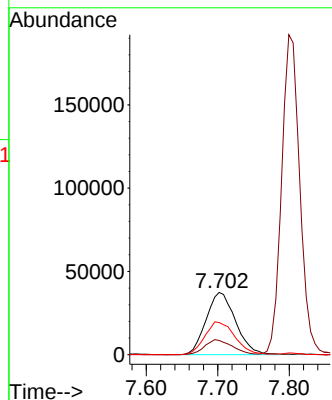
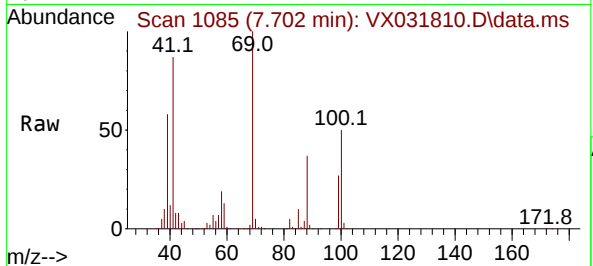




#45
1,4-Dioxane
Concen: 2681.227 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

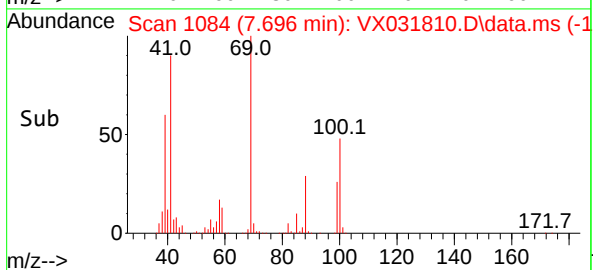
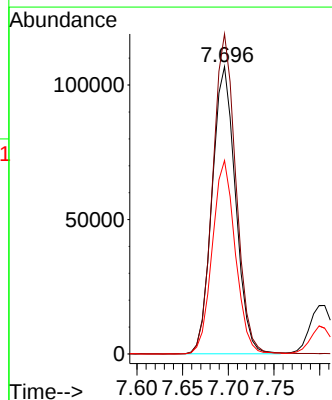
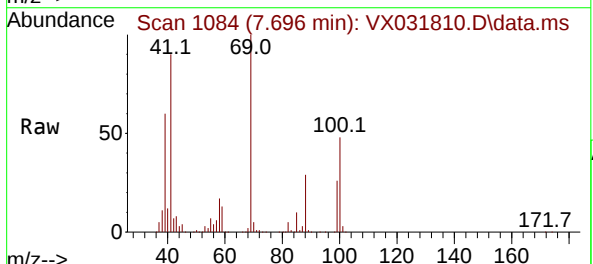
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

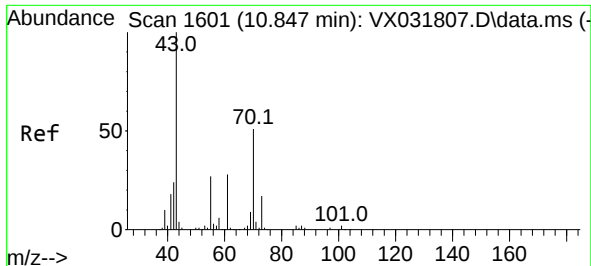
Tgt Ion: 88 Resp: 106970
Ion Ratio Lower Upper
88 100
43 22.1 20.4 30.6
58 53.8 44.0 66.0



#46
Methyl methacrylate
Concen: 146.201 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 41 Resp: 190259
Ion Ratio Lower Upper
41 100
69 111.4 50.5 151.5
39 67.3 34.6 103.8

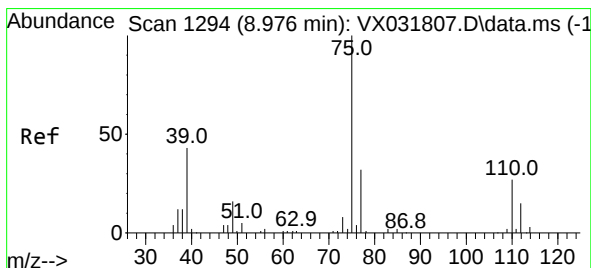
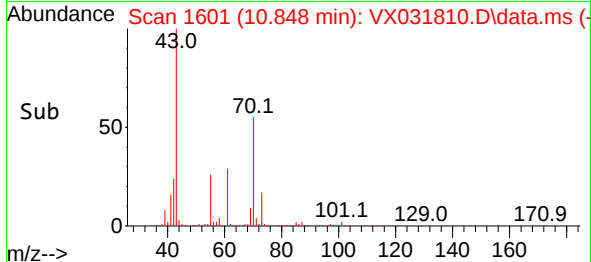
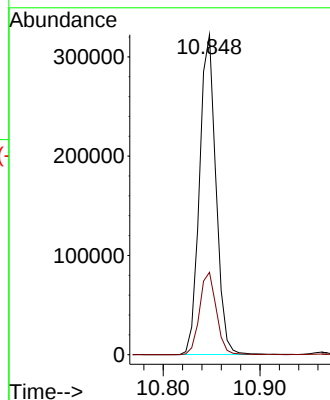
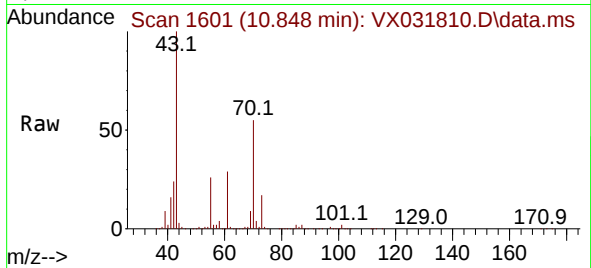




#47
n-amy1 Acetate
Concen: 158.896 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

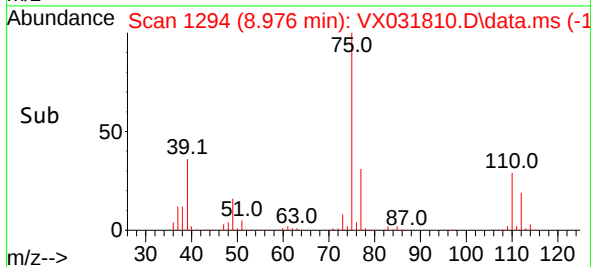
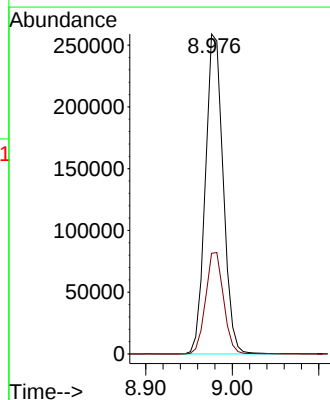
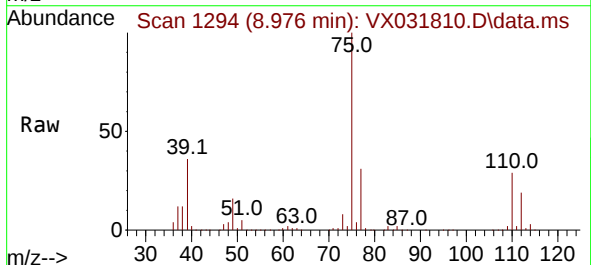
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

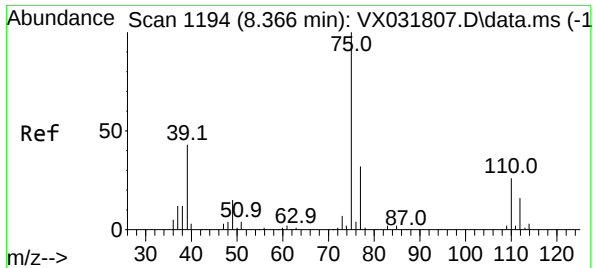
Tgt Ion: 43 Resp: 380447
Ion Ratio Lower Upper
43 100
55 26.3 21.6 32.4



#48
t-1,3-Dichloropropene
Concen: 163.047 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 75 Resp: 369896
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 158.199 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

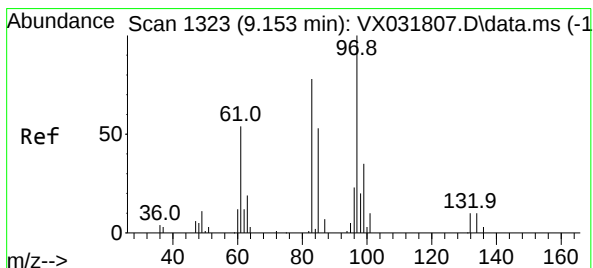
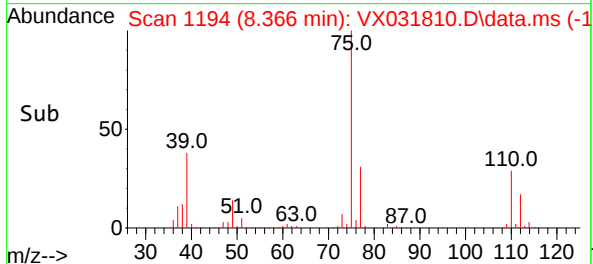
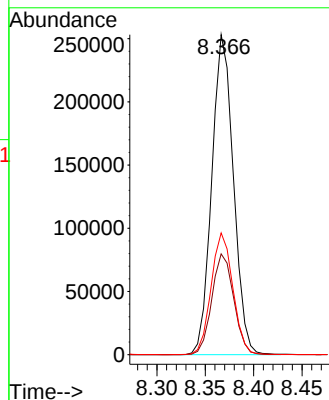
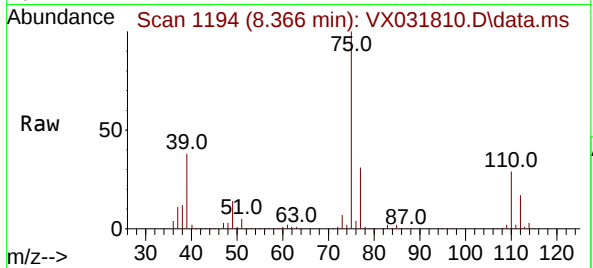
Tgt Ion: 75 Resp: 393712

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 38.0 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 148.132 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Tgt Ion: 97 Resp: 272223

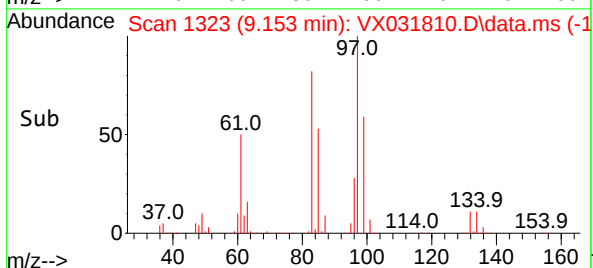
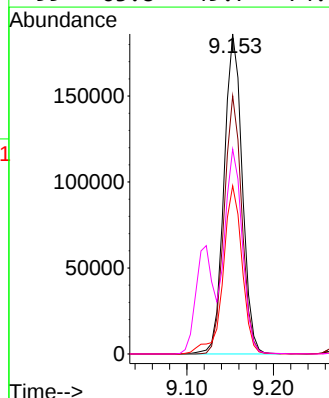
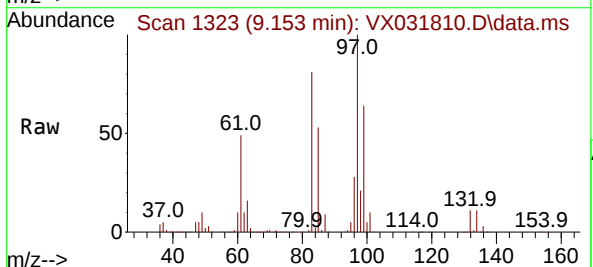
Ion Ratio Lower Upper

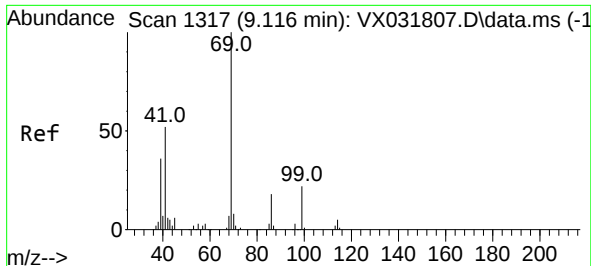
97 100

83 80.6 62.2 93.4

85 52.5 44.2 66.2

99 63.8 49.7 74.5

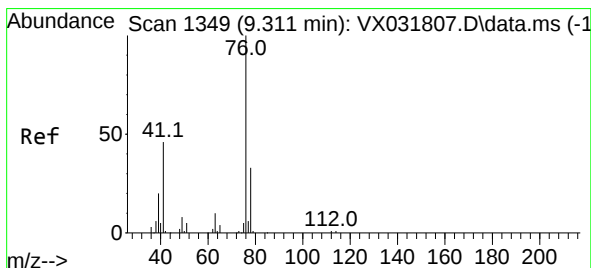
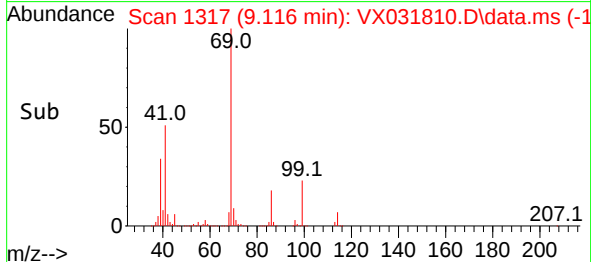
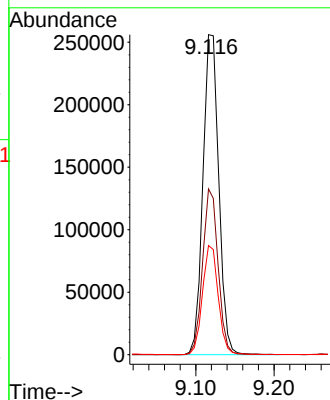
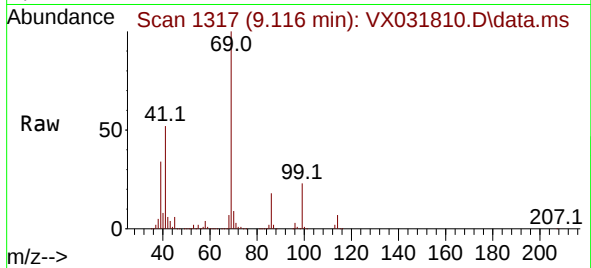




#51
Ethyl methacrylate
Concen: 150.957 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

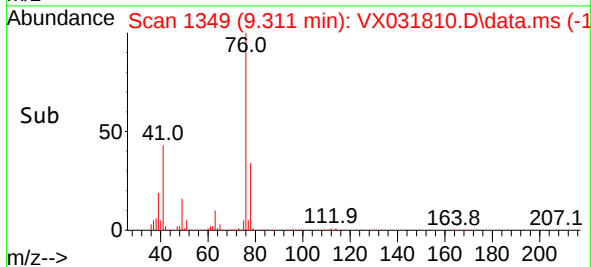
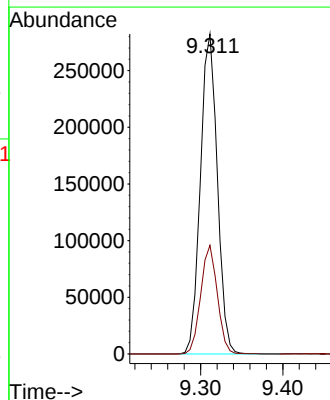
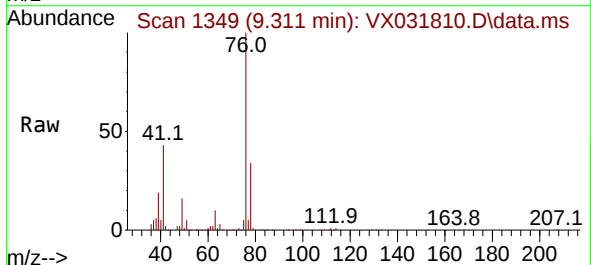
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

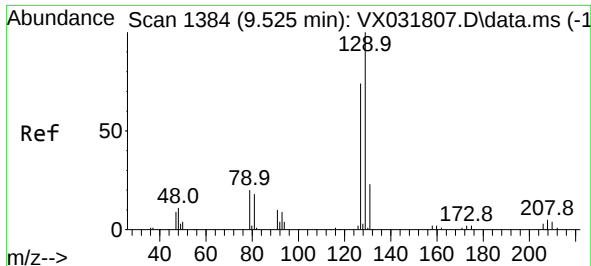
Tgt Ion: 69 Resp: 359622
Ion Ratio Lower Upper
69 100
41 51.8 25.9 77.7
39 34.1 17.8 53.3



#52
1,3-Dichloropropane
Concen: 143.210 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 76 Resp: 403307
Ion Ratio Lower Upper
76 100
78 33.3 0.0 66.0

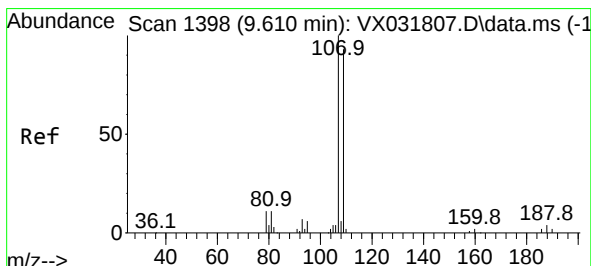
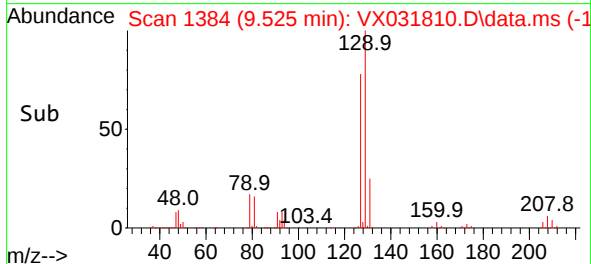
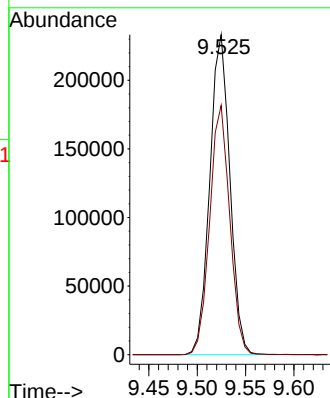
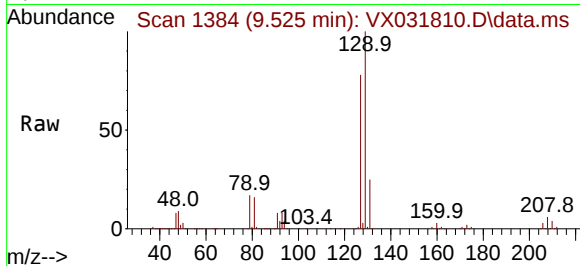




#53
Dibromochloromethane
Concen: 165.149 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

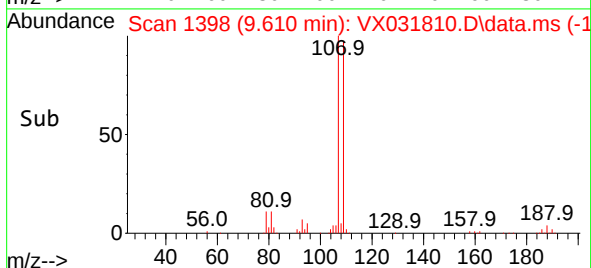
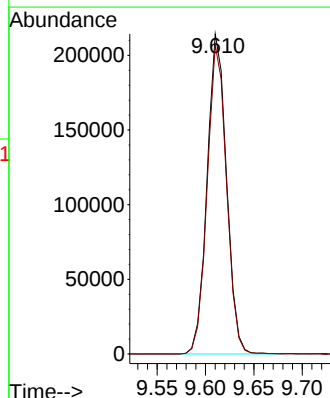
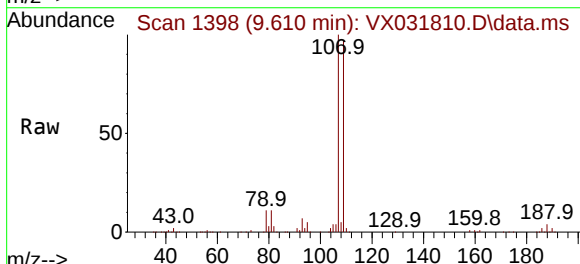
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

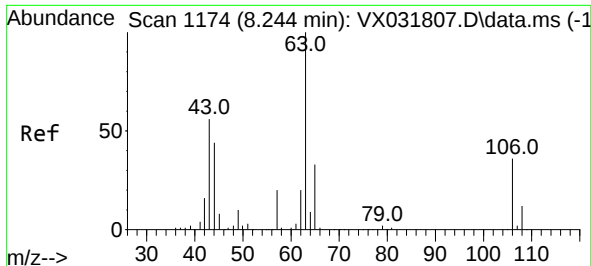
Tgt Ion:129 Resp: 337967
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0



#54
1,2-Dibromoethane
Concen: 147.296 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion:107 Resp: 299872
Ion Ratio Lower Upper
107 100
109 95.9 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 741.529 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

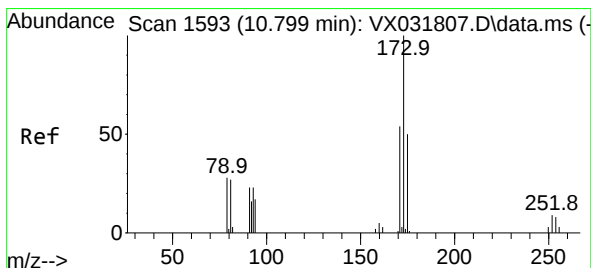
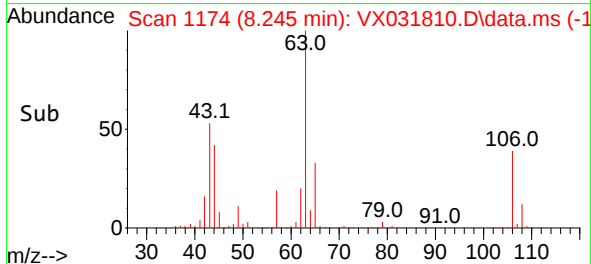
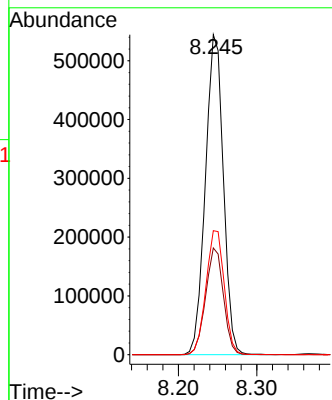
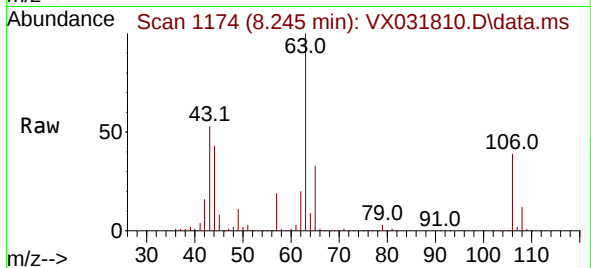
Tgt Ion: 63 Resp: 866198

Ion Ratio Lower Upper

63 100

65 33.0 25.5 38.3

106 39.4 28.9 43.3



#56

Bromoform

Concen: 179.134 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

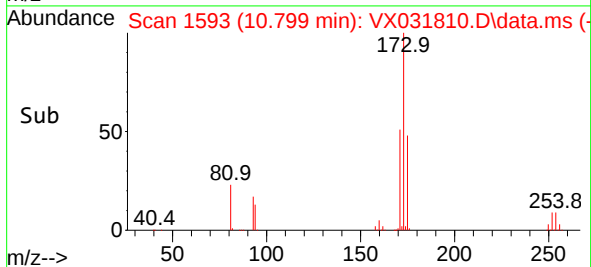
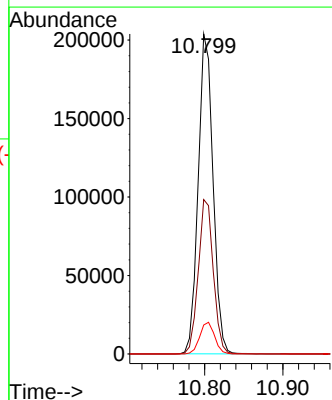
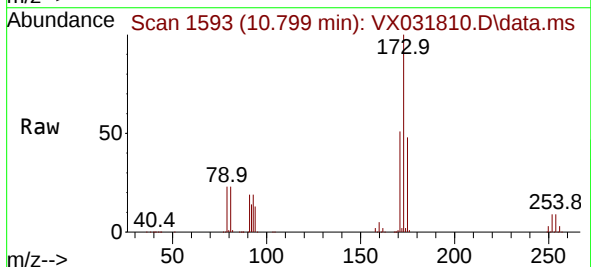
Tgt Ion: 173 Resp: 268690

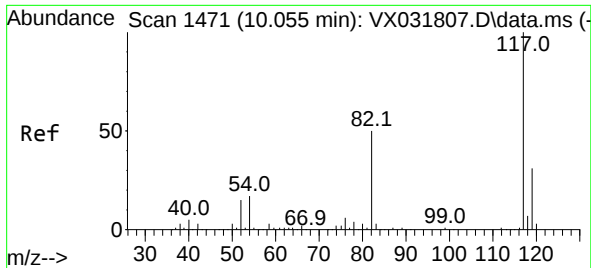
Ion Ratio Lower Upper

173 100

175 48.9 38.6 58.0

254 9.9 6.8 10.2

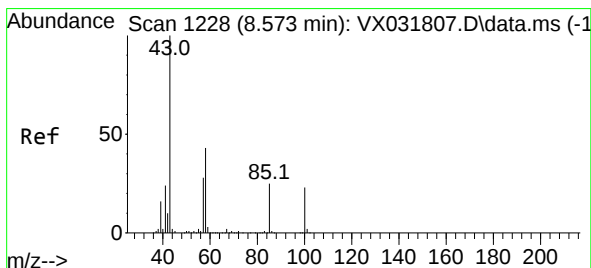
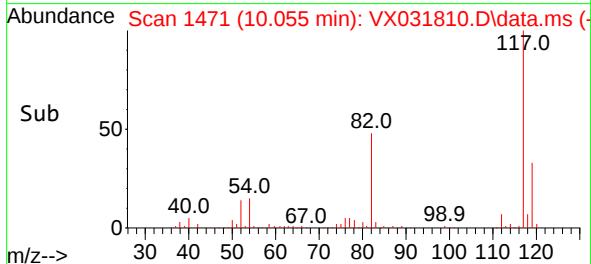
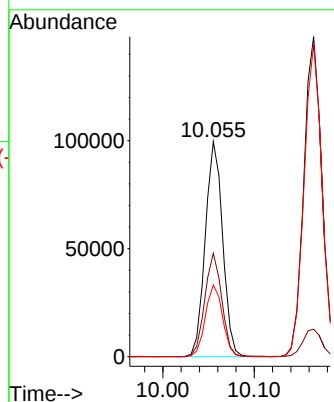
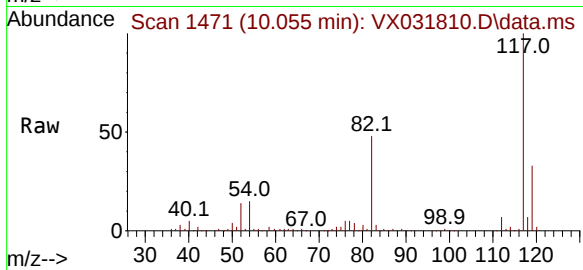




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

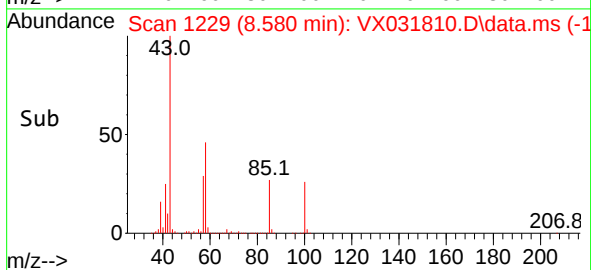
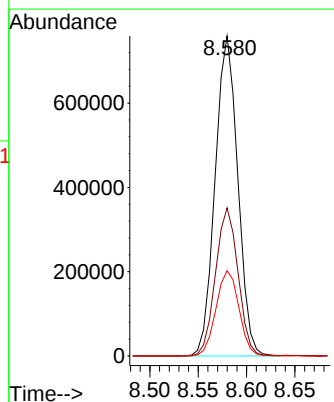
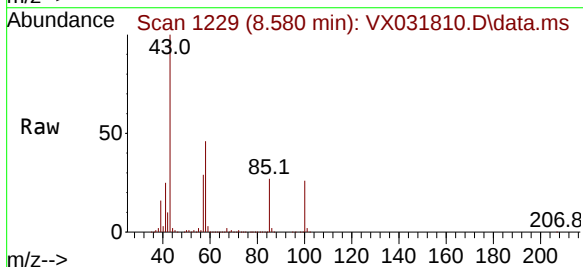
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

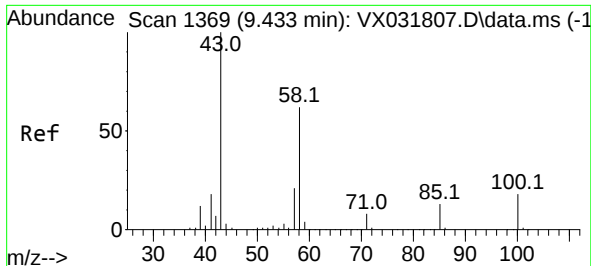
Tgt Ion:117 Resp: 131391
Ion Ratio Lower Upper
117 100
82 46.9 40.0 60.0
119 32.9 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 699.545 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 43 Resp: 1235687
Ion Ratio Lower Upper
43 100
58 46.0 34.9 52.3
85 27.0 19.4 29.2





#59

2-Hexanone

Concen: 698.356 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

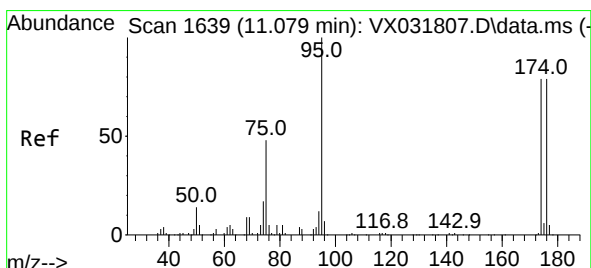
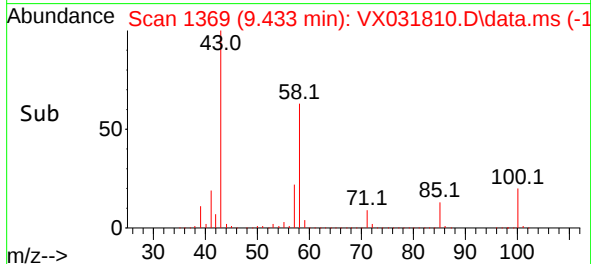
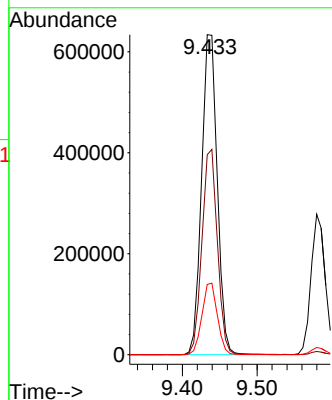
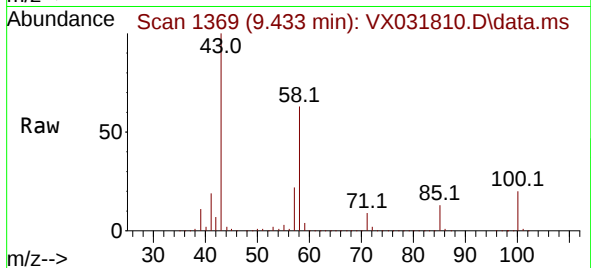
Tgt Ion: 43 Resp: 922620

Ion Ratio Lower Upper

43 100

58 63.2 49.0 73.6

57 22.0 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 29.755 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

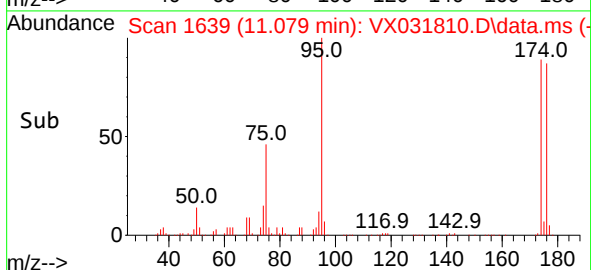
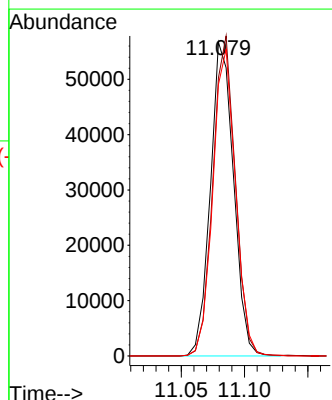
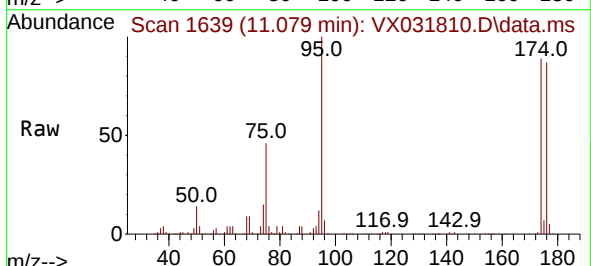
Tgt Ion: 95 Resp: 72374

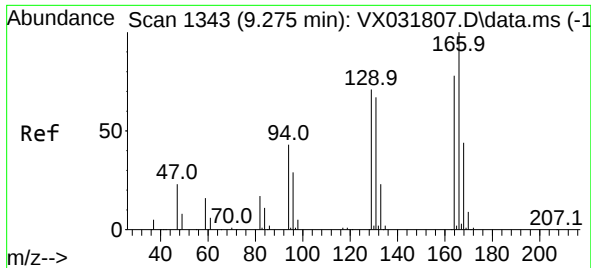
Ion Ratio Lower Upper

95 100

174 98.8 68.2 102.2

176 95.7 68.1 102.1



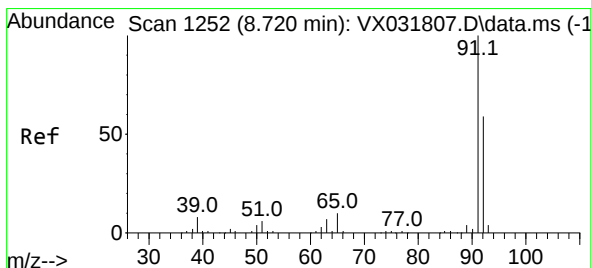
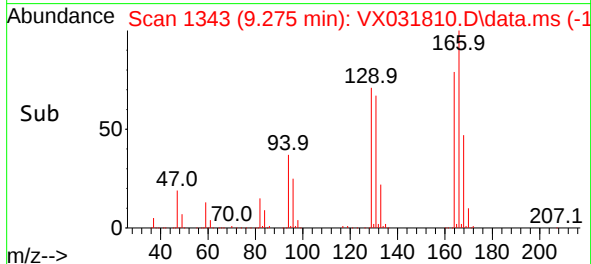
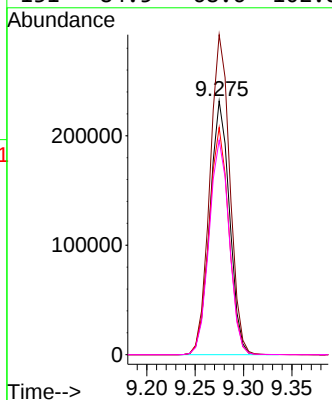
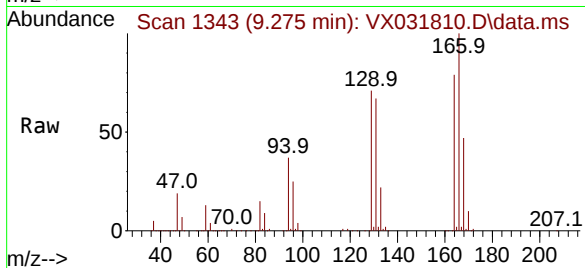


#61
Tetrachloroethene
Concen: 155.933 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:164 Resp: 328984

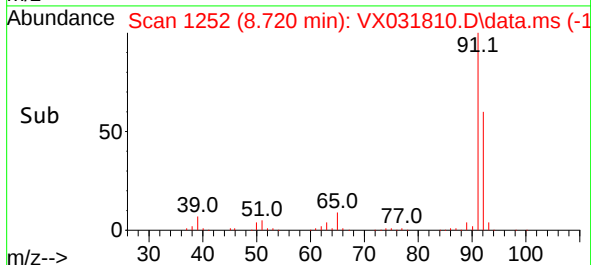
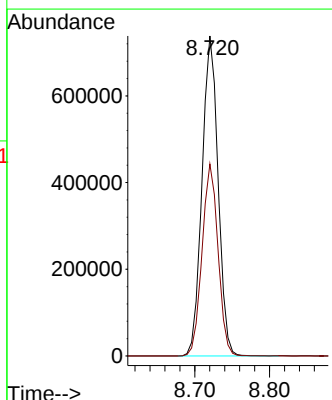
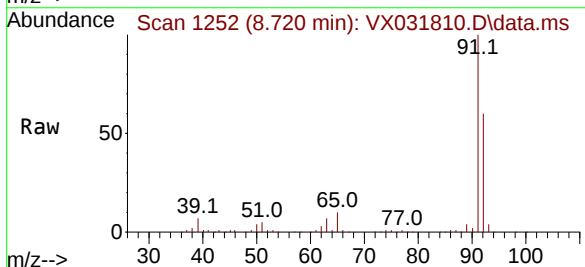
Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.8	154.2
129	89.6	73.0	109.4
131	84.5	68.6	102.8

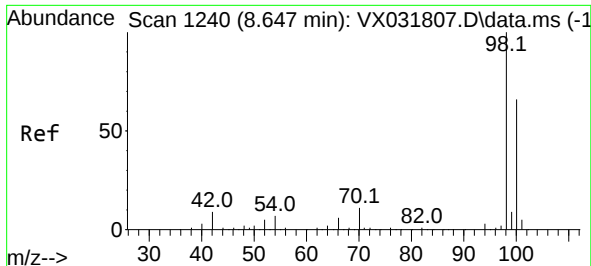


#62
Toluene
Concen: 146.473 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 91 Resp: 1101873

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.3	70.9

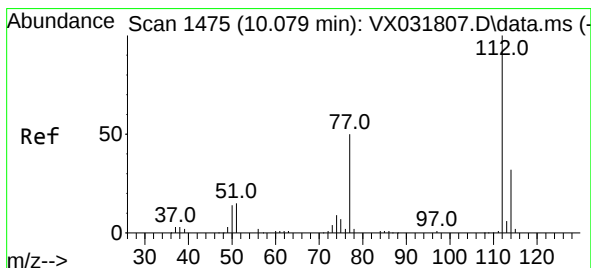
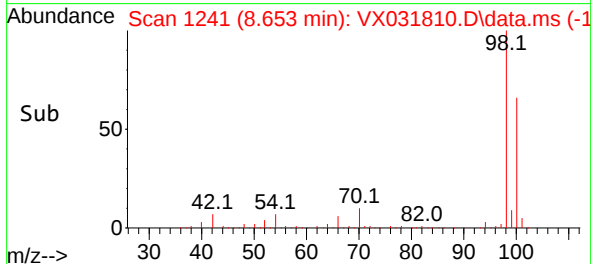
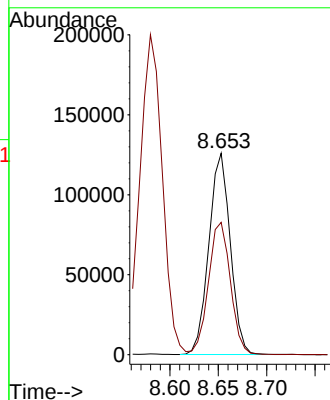
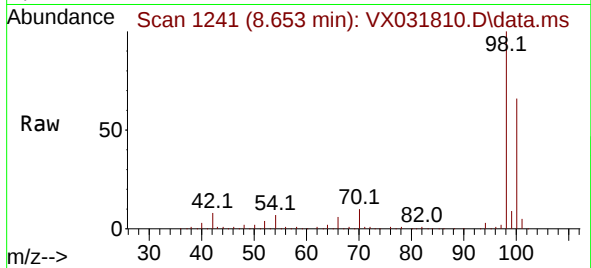




#63
Toluene-d8
Concen: 29.109 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

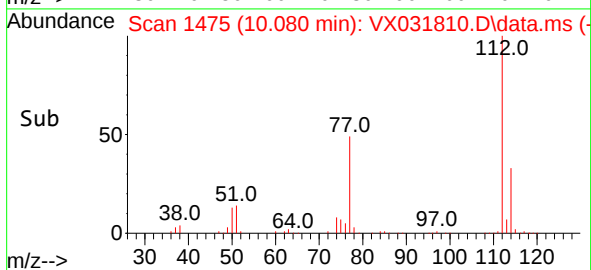
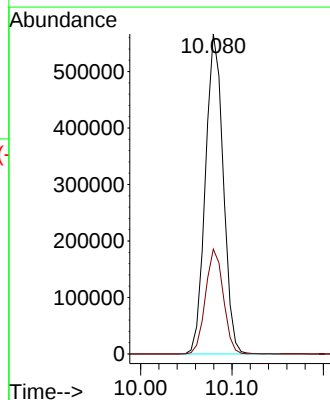
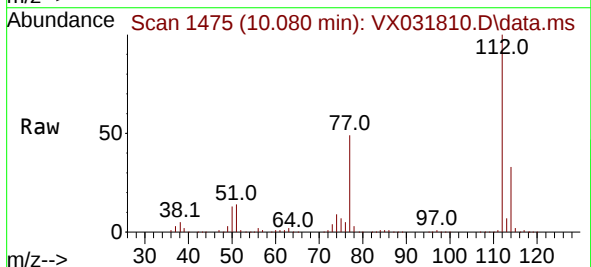
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

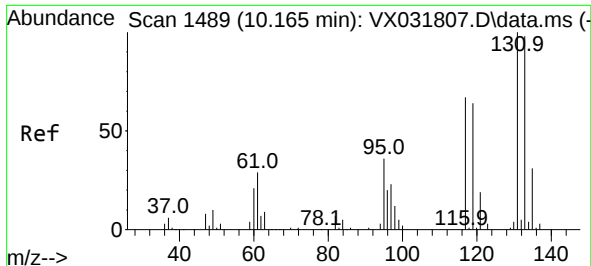
Tgt Ion: 98 Resp: 194298
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8



#64
Chlorobenzene
Concen: 148.984 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 112 Resp: 764721
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

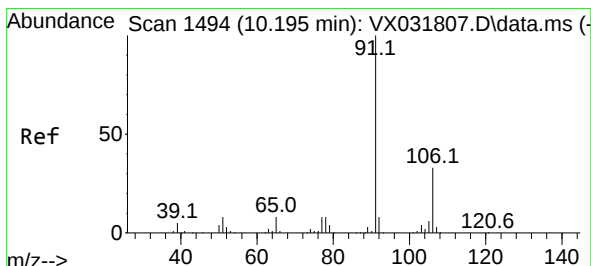
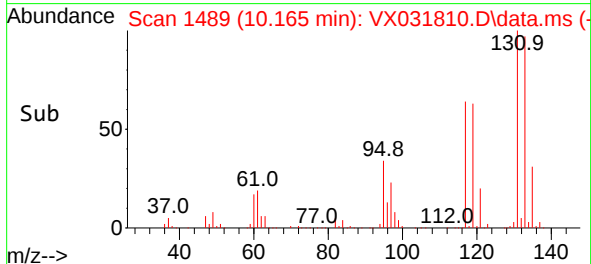
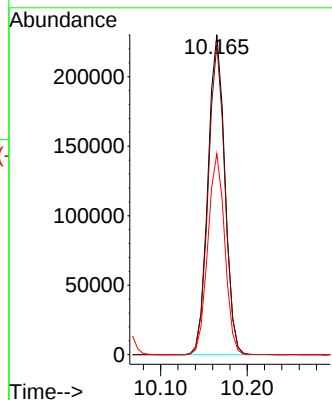
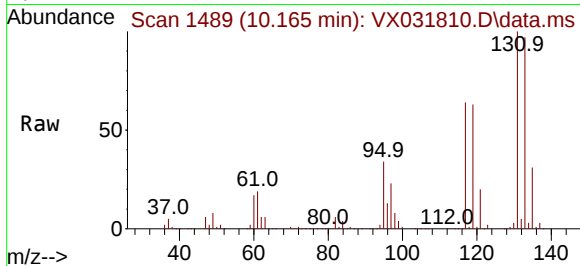




#65
 1,1,1,2-Tetrachloroethane
 Concen: 159.881 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

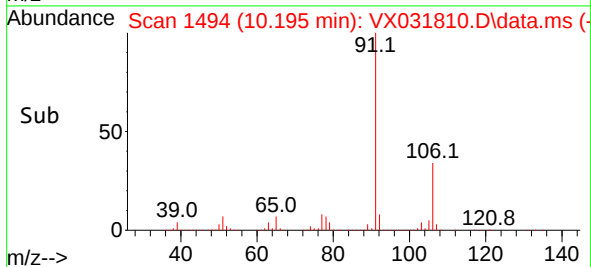
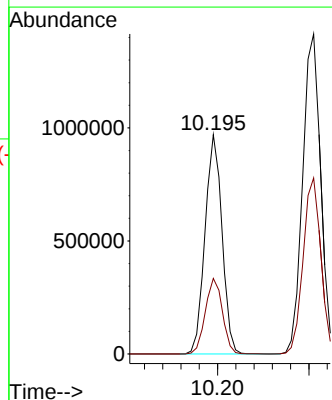
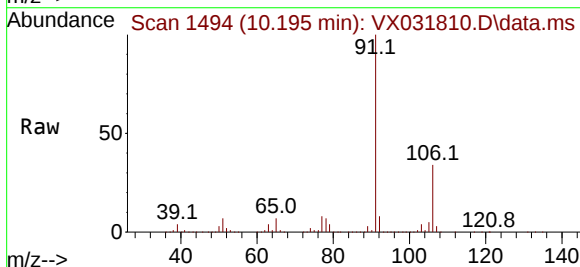
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

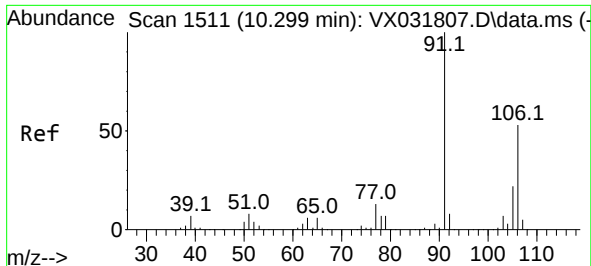
Tgt Ion:131 Resp: 311120
 Ion Ratio Lower Upper
 131 100
 133 95.8 0.0 189.4
 119 62.9 0.0 127.0



#66
 Ethyl Benzene
 Concen: 147.130 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

Tgt Ion: 91 Resp: 1247403
 Ion Ratio Lower Upper
 91 100
 106 34.5 26.7 40.1





#67

m/p-Xylenes

Concen: 298.147 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

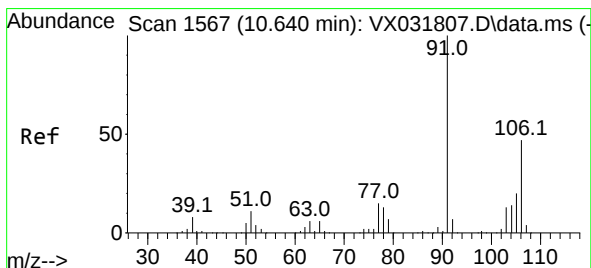
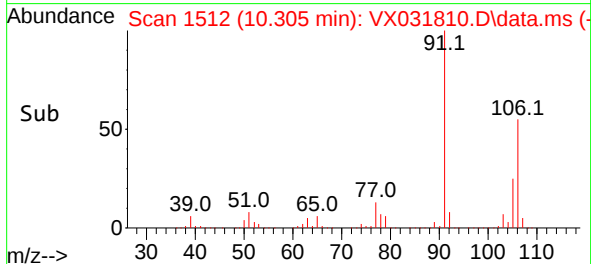
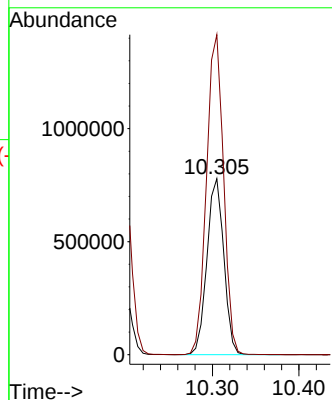
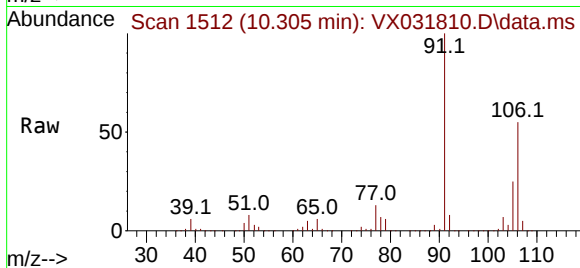
VSTDIC150

Tgt Ion:106 Resp: 1052586

Ion Ratio Lower Upper

106 100

91 183.8 152.3 228.5



#68

o-Xylene

Concen: 150.027 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX031810.D

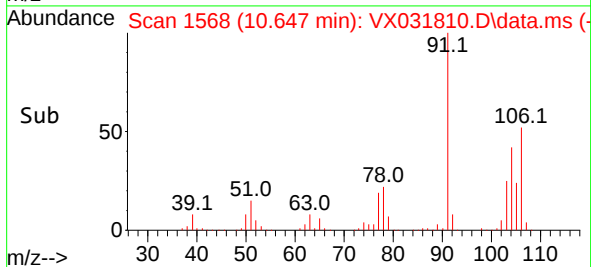
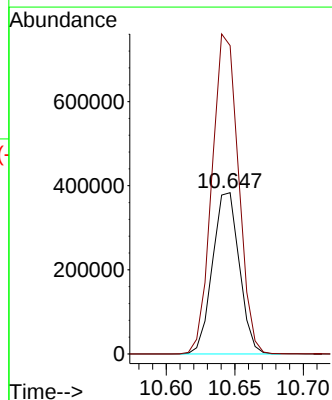
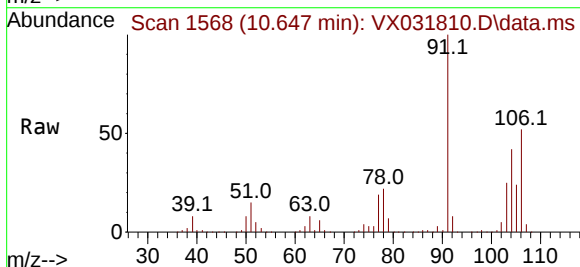
Acq: 30 Sep 2022 13:21

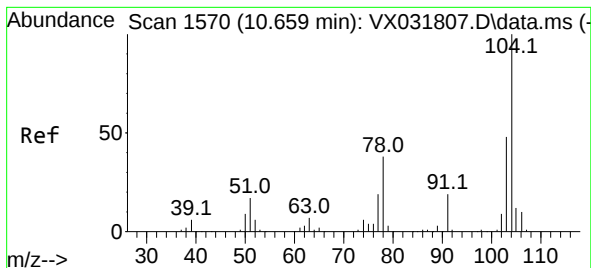
Tgt Ion:106 Resp: 520019

Ion Ratio Lower Upper

106 100

91 196.5 101.9 305.7





#69

Styrene

Concen: 154.737 ug/l

RT: 10.659 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

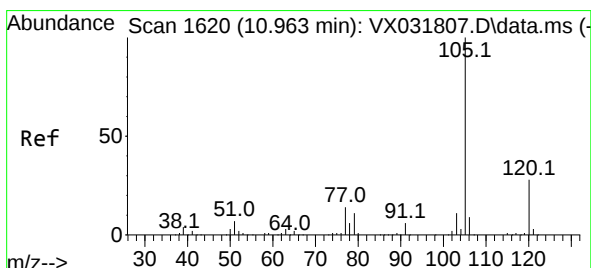
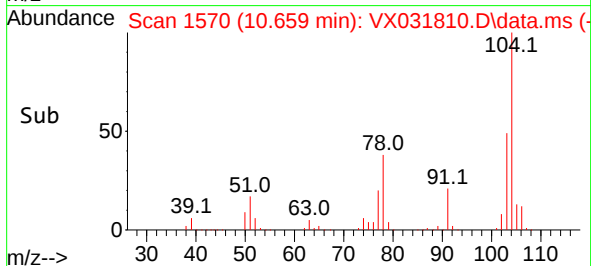
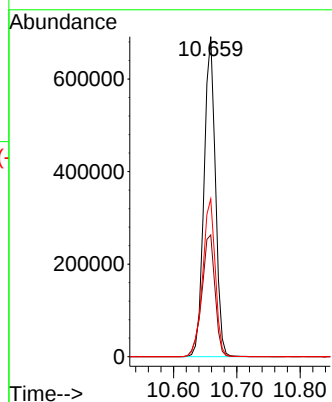
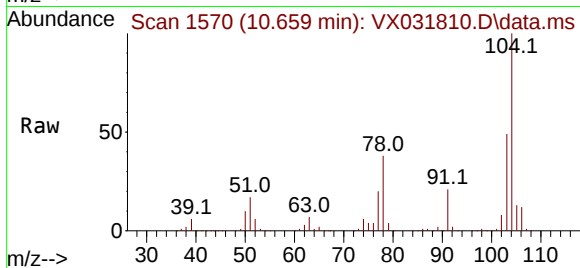
Tgt Ion:104 Resp: 871121

Ion Ratio Lower Upper

104 100

78 43.8 36.6 55.0

103 54.1 43.3 64.9



#70

Isopropylbenzene

Concen: 149.712 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031810.D

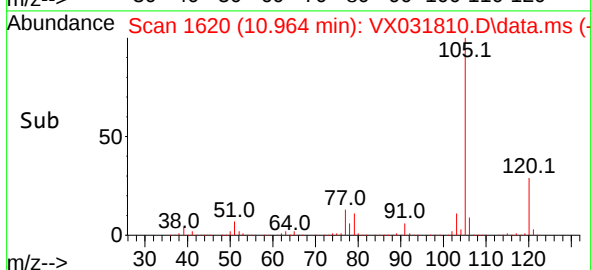
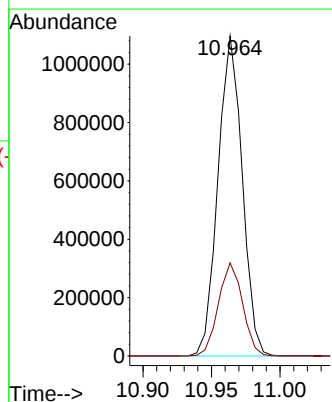
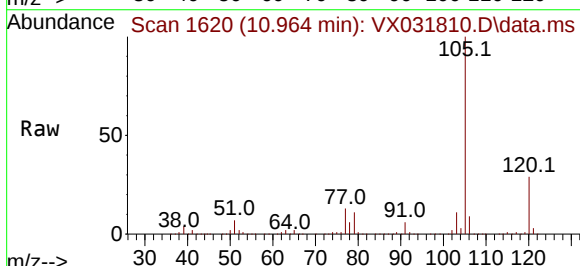
Acq: 30 Sep 2022 13:21

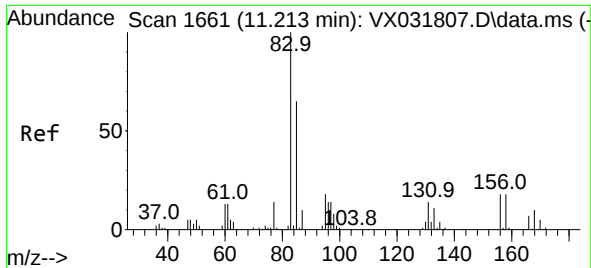
Tgt Ion:105 Resp: 1348571

Ion Ratio Lower Upper

105 100

120 29.0 19.3 35.9

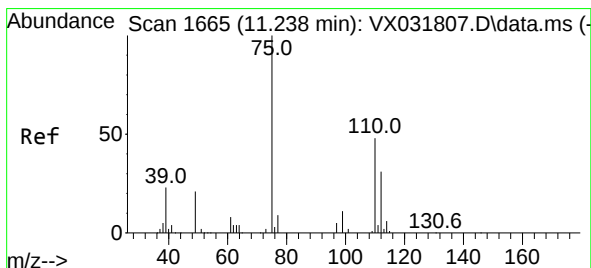
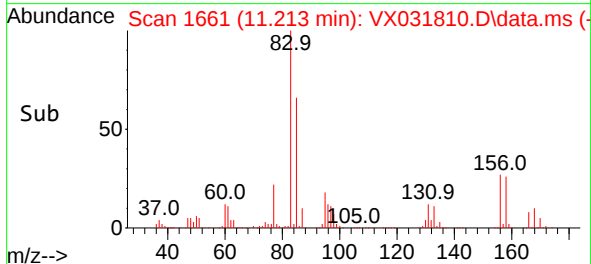
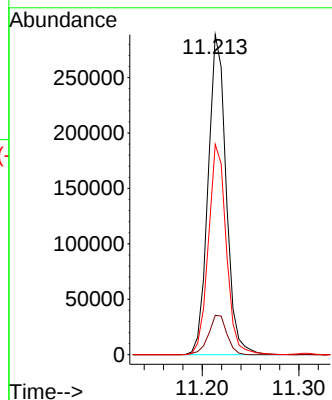
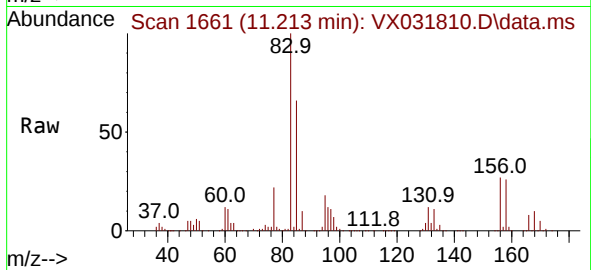




#71
1,1,2,2-Tetrachloroethane
Concen: 145.751 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

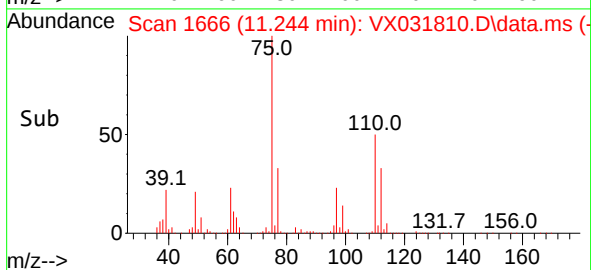
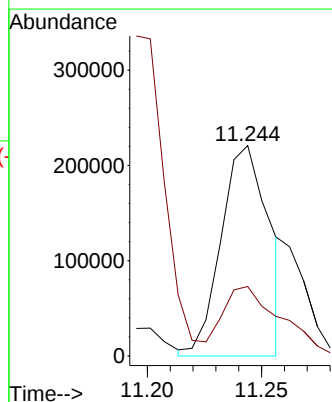
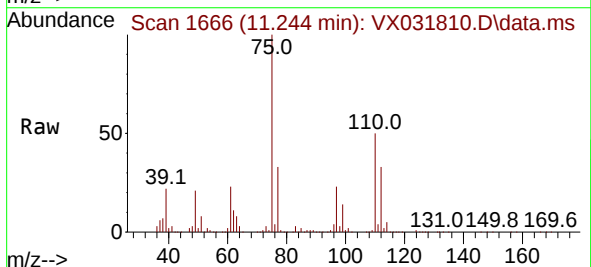
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

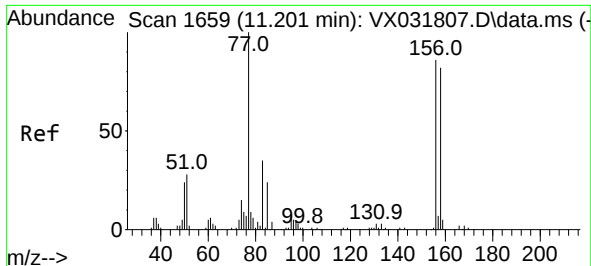
Tgt Ion: 83 Resp: 374215
Ion Ratio Lower Upper
83 100
131 12.6 6.0 18.1
85 65.2 32.8 98.3



#72
1,2,3-Trichloropropane
Concen: 145.399 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 75 Resp: 320791
Ion Ratio Lower Upper
75 100
77 39.9 0.0 76.6

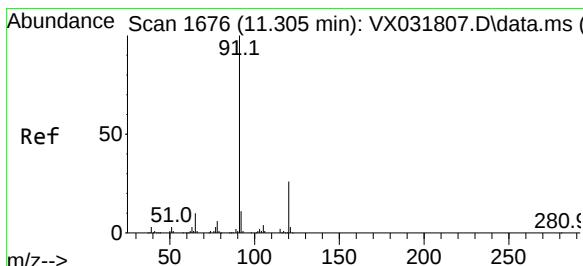
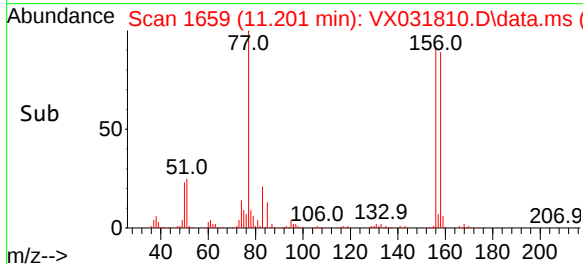
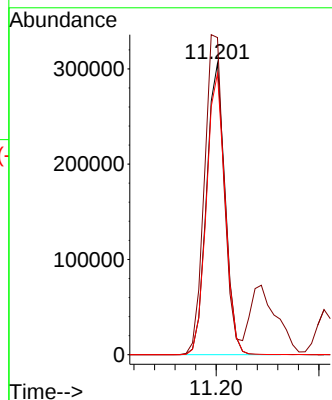
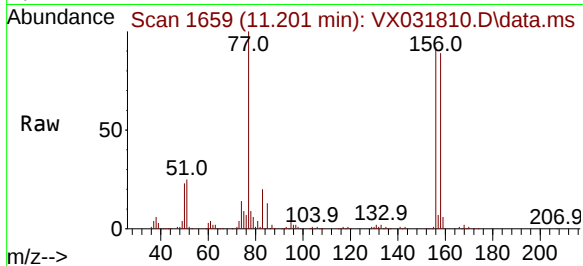




#73
Bromobenzene
Concen: 159.398 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

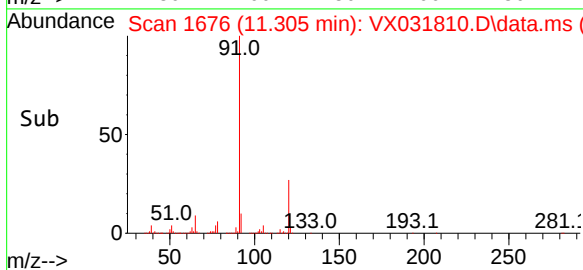
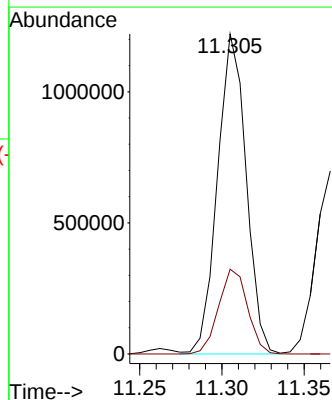
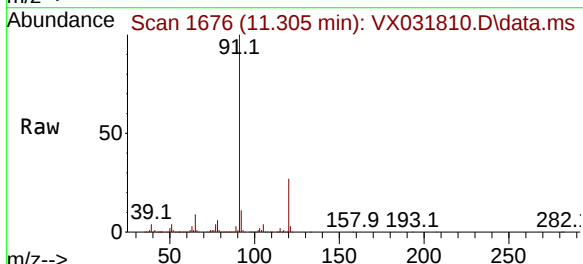
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

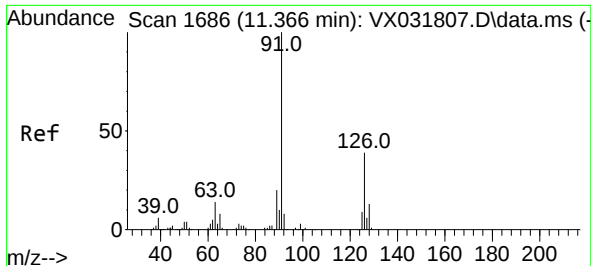
Tgt Ion:156 Resp: 385089
Ion Ratio Lower Upper
156 100
77 116.3 0.0 259.2
158 97.2 0.0 193.2



#74
n-propylbenzene
Concen: 149.093 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 91 Resp: 1476371
Ion Ratio Lower Upper
91 100
120 26.8 0.0 51.0

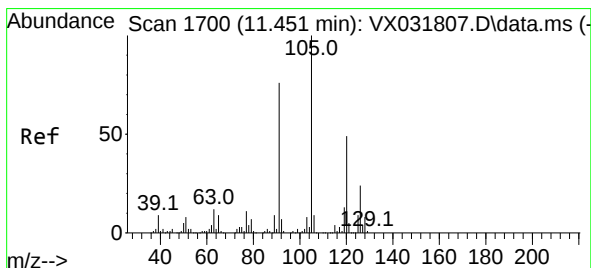
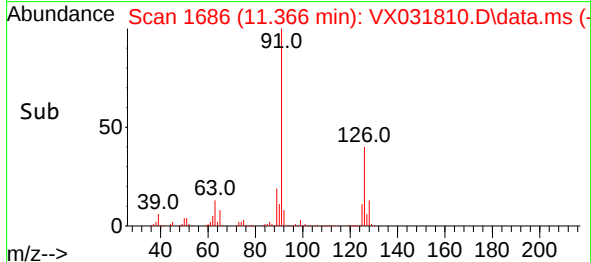
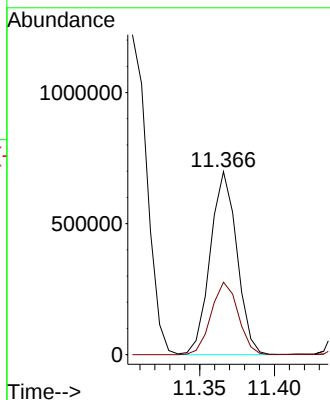
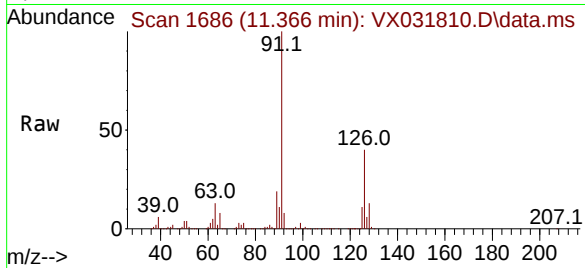




#75
2-Chlorotoluene
Concen: 145.733 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

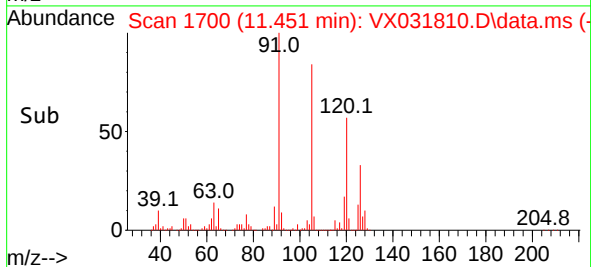
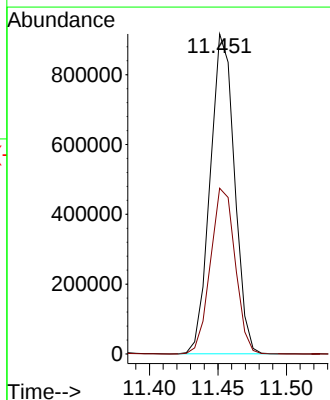
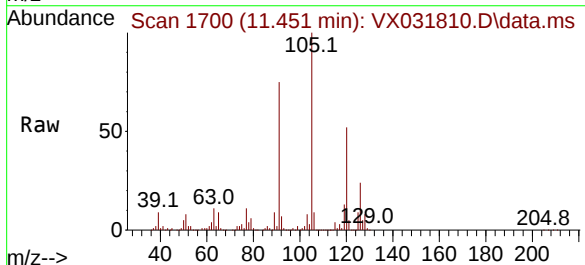
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

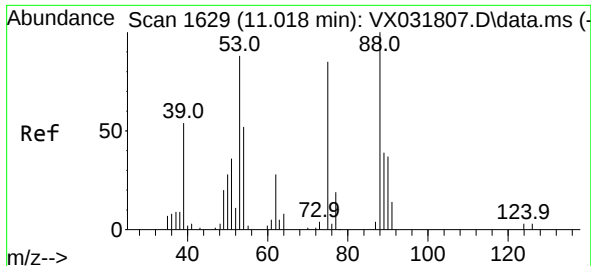
Tgt Ion: 91 Resp: 867618
Ion Ratio Lower Upper
91 100
126 40.0 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 148.749 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 105 Resp: 1129462
Ion Ratio Lower Upper
105 100
120 52.8 0.0 100.6

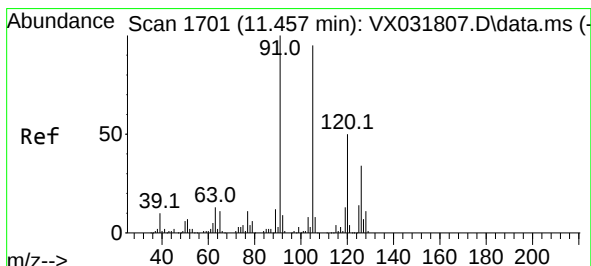
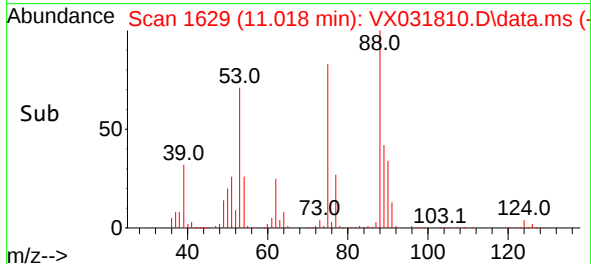
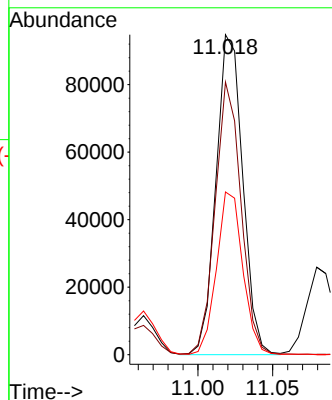
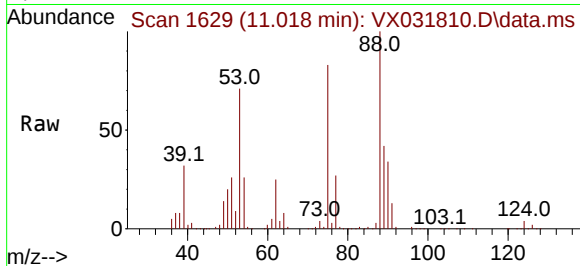




#77
t-1,4-Dichloro-2-butene
Concen: 182.549 ug/l
RT: 11.018 min Scan# 117703
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

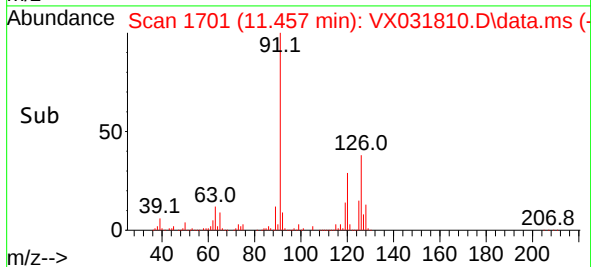
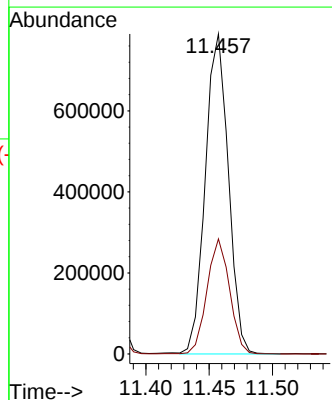
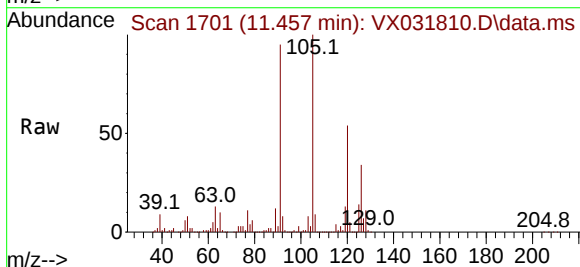
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

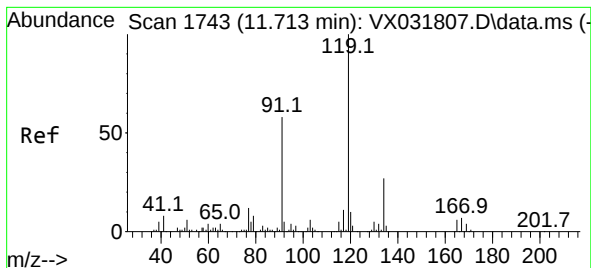
Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.2	51.8	155.4
89	50.8	22.9	68.8



#78
4-Chlorotoluene
Concen: 147.769 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	0.0	67.0





#79

tert-butylbenzene

Concen: 155.112 ug/l

RT: 11.719 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

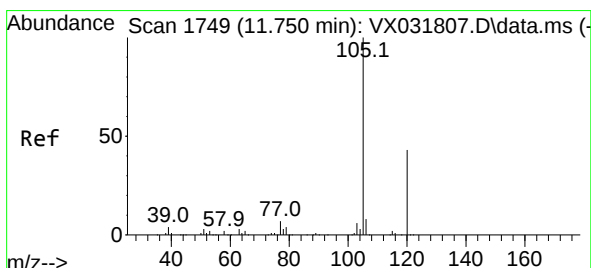
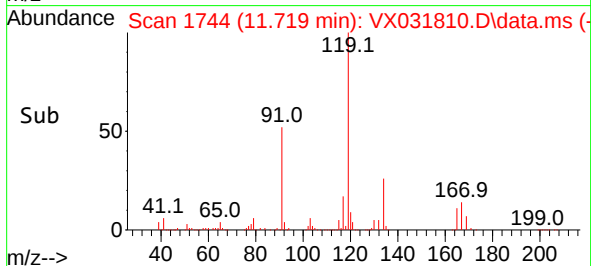
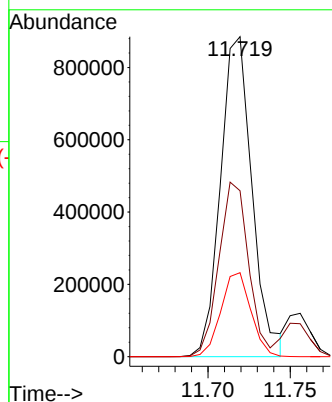
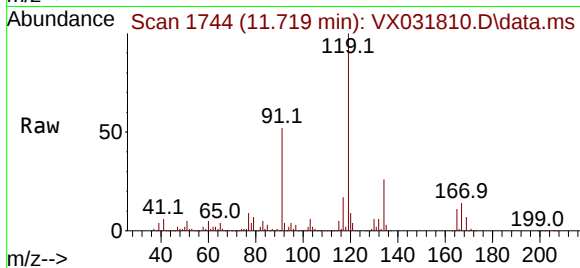
Tgt Ion:119 Resp: 1183893

Ion Ratio Lower Upper

119 100

91 51.4 0.0 112.0

134 25.0 0.0 51.0



#80

1,2,4-Trimethylbenzene

Concen: 150.011 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031810.D

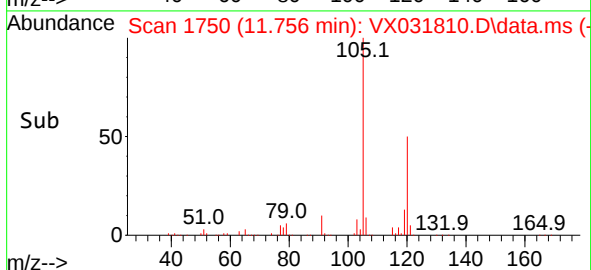
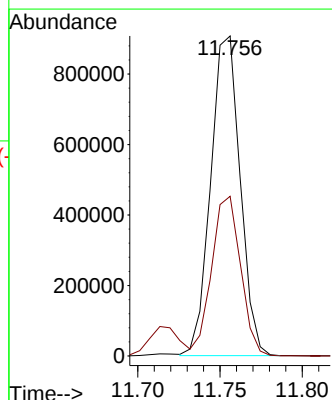
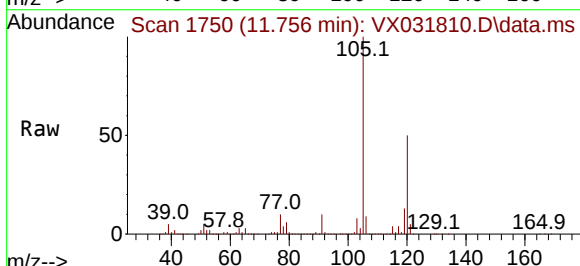
Acq: 30 Sep 2022 13:21

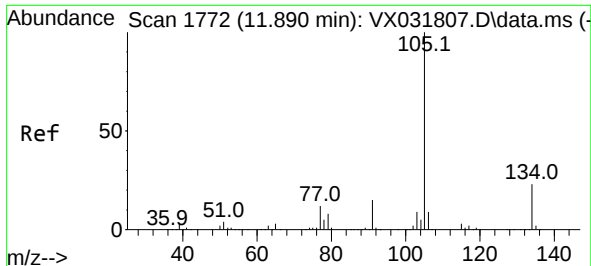
Tgt Ion:105 Resp: 1129508

Ion Ratio Lower Upper

105 100

120 49.2 0.0 95.0

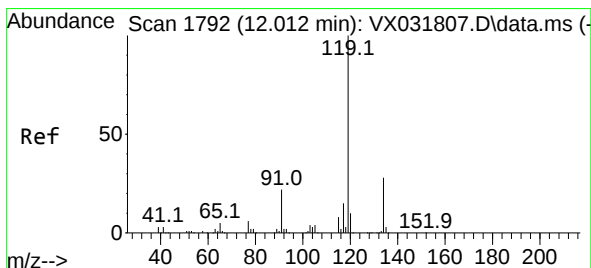
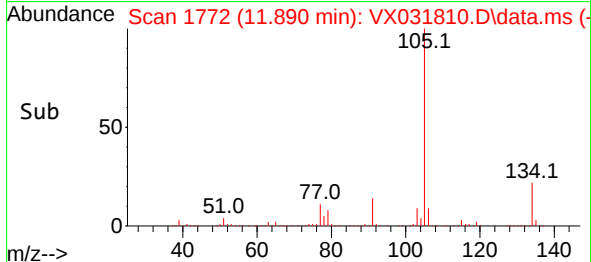
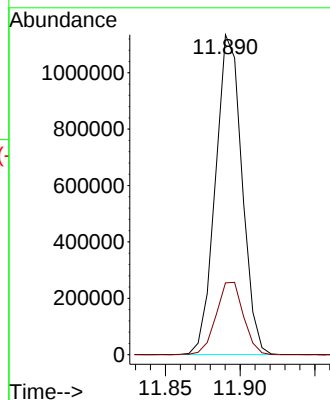
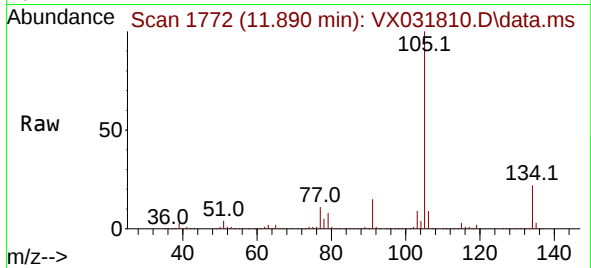




#81
 sec-Butylbenzene
 Concen: 149.792 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

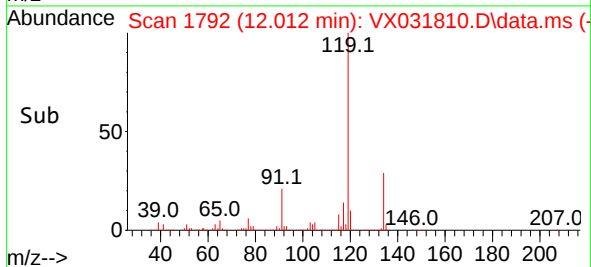
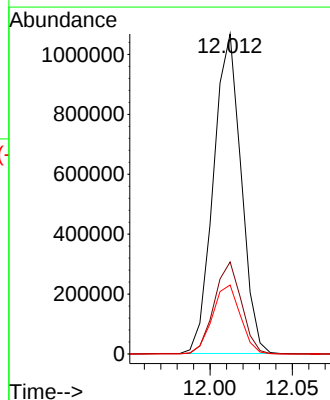
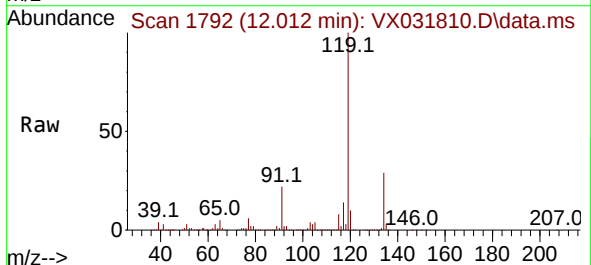
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

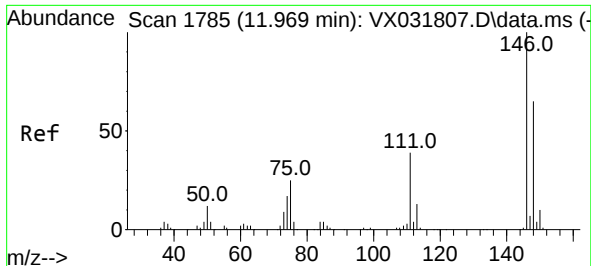
Tgt Ion:105 Resp: 1400132
 Ion Ratio Lower Upper
 105 100
 134 23.3 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 151.796 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031810.D
 Acq: 30 Sep 2022 13:21

Tgt Ion:119 Resp: 1246993
 Ion Ratio Lower Upper
 119 100
 134 28.3 0.0 55.4
 91 21.9 0.0 45.6

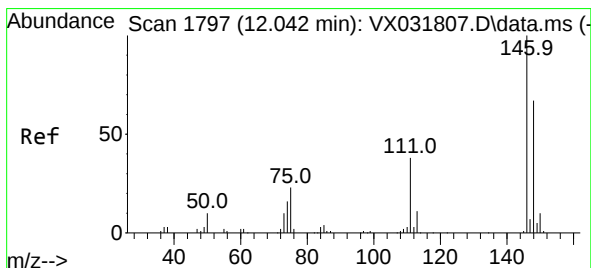
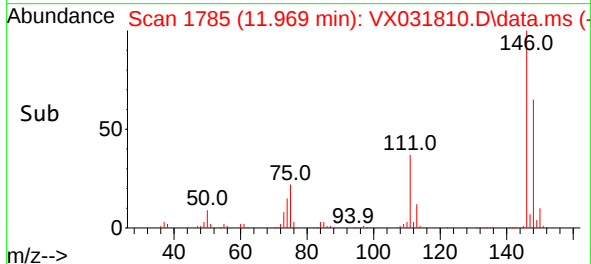
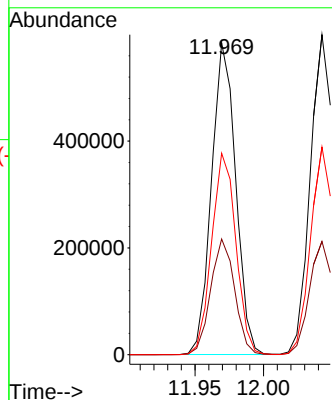
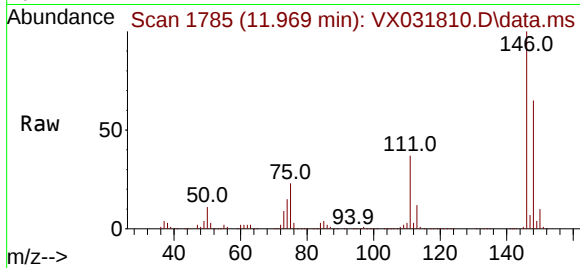




#83
1,3-Dichlorobenzene
Concen: 156.586 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

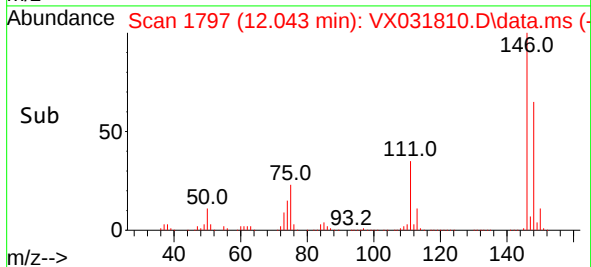
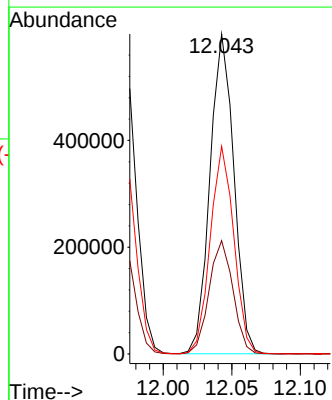
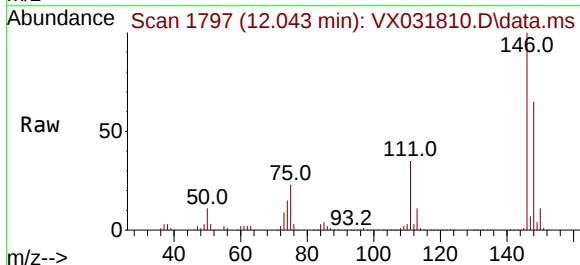
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

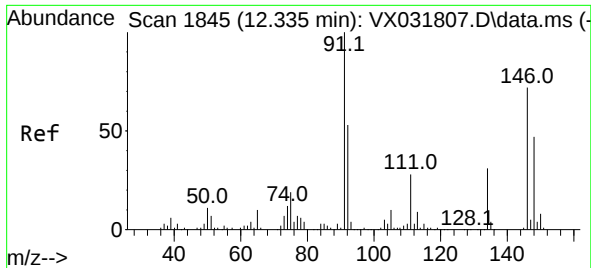
Tgt Ion:146 Resp: 715787
Ion Ratio Lower Upper
146 100
111 36.8 19.4 58.1
148 64.9 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 155.288 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion:146 Resp: 727961
Ion Ratio Lower Upper
146 100
111 35.4 18.9 56.5
148 64.1 31.6 95.0

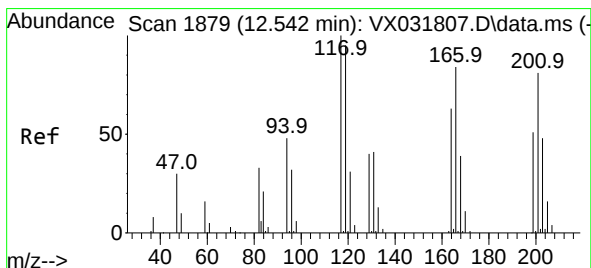
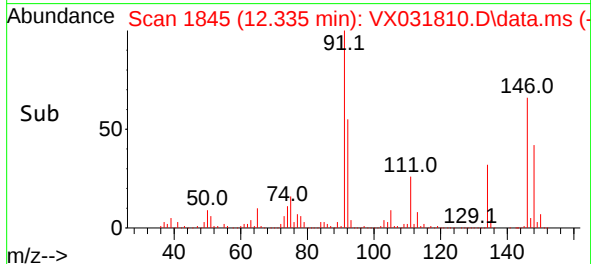
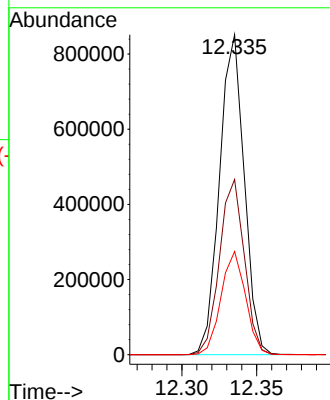
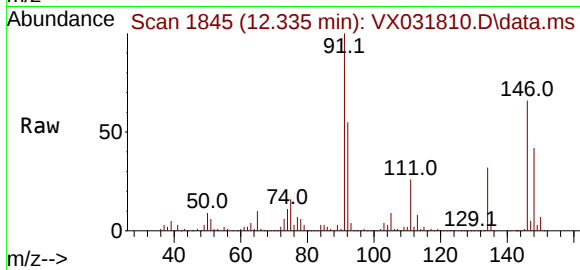




#85
n-Butylbenzene
Concen: 154.632 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

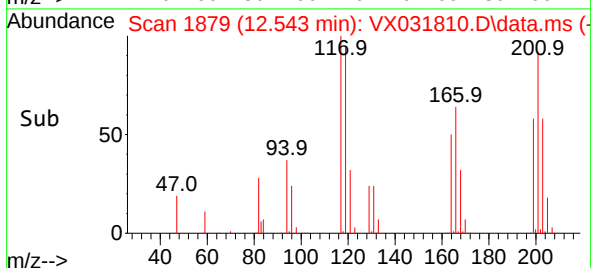
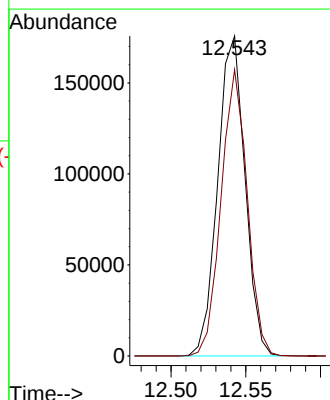
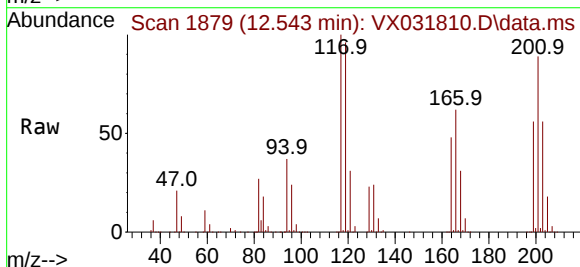
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

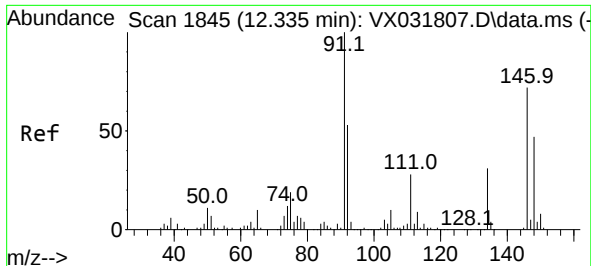
Tgt Ion: 91 Resp: 979594
Ion Ratio Lower Upper
91 100
92 55.1 0.0 108.4
134 32.0 0.0 60.6



#86
Hexachloroethane
Concen: 173.252 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 117 Resp: 223447
Ion Ratio Lower Upper
117 100
201 85.4 37.7 113.1

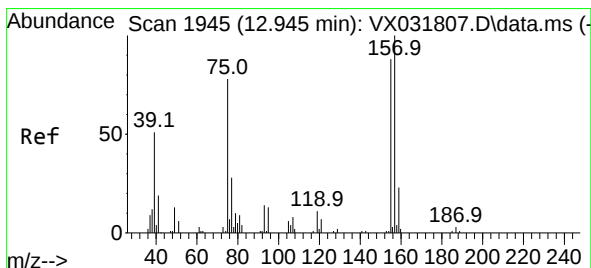
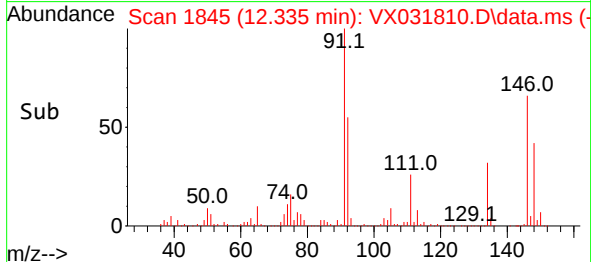
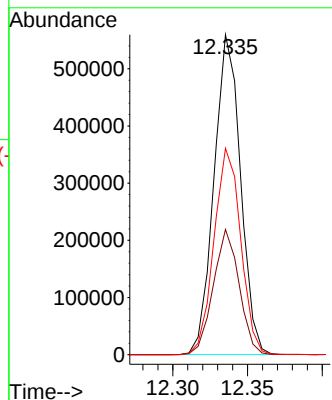
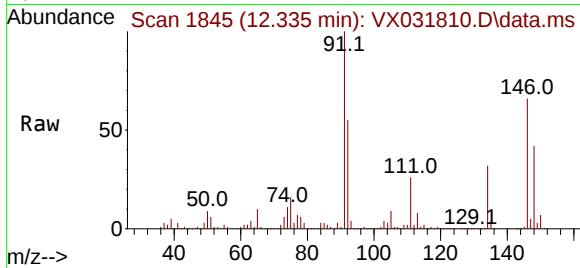




#87
1,2-Dichlorobenzene
Concen: 151.087 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

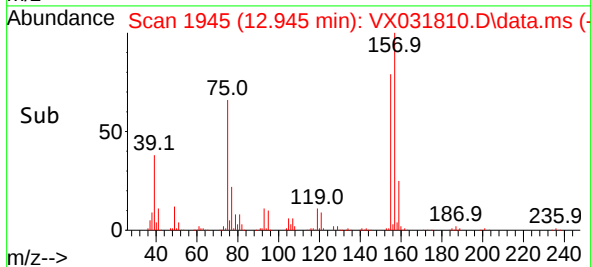
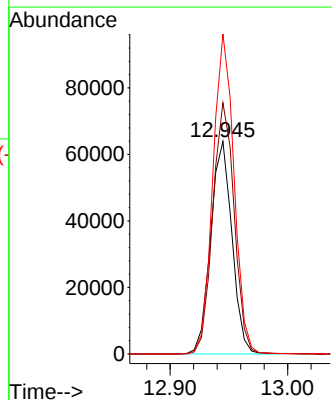
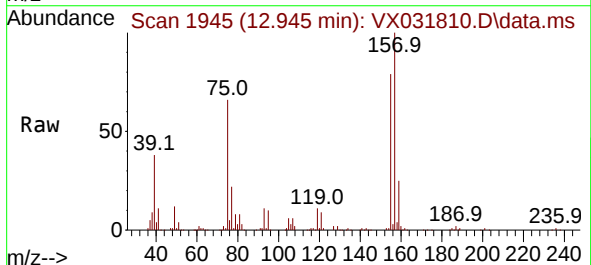
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

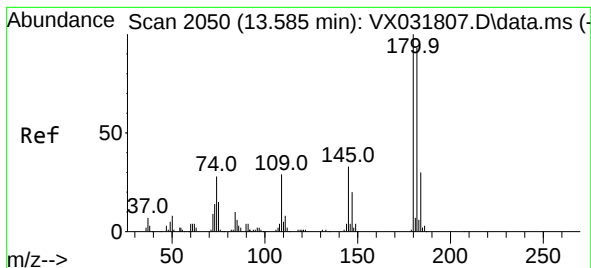
Tgt Ion:146 Resp: 689088
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 65.0 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 156.608 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion: 75 Resp: 80681
Ion Ratio Lower Upper
75 100
155 118.8 85.0 127.6
157 147.6 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 163.748 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

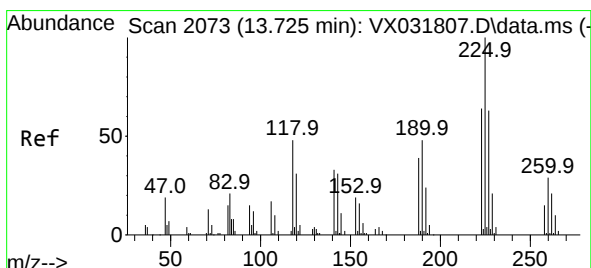
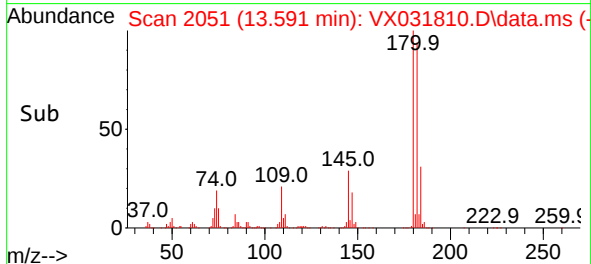
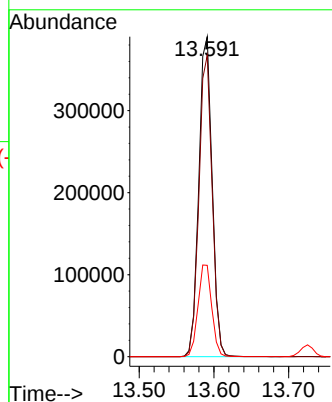
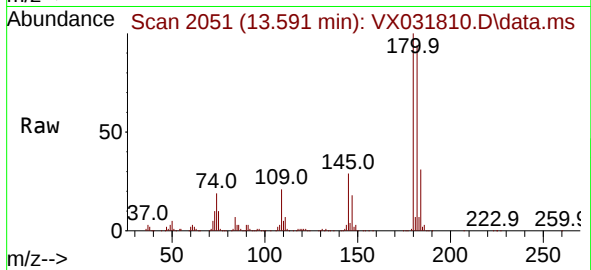
Tgt Ion:180 Resp: 483230

Ion Ratio Lower Upper

180 100

182 93.4 75.3 112.9

145 29.5 25.9 38.9



#90

Hexachlorobutadiene

Concen: 161.750 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031810.D

Acq: 30 Sep 2022 13:21

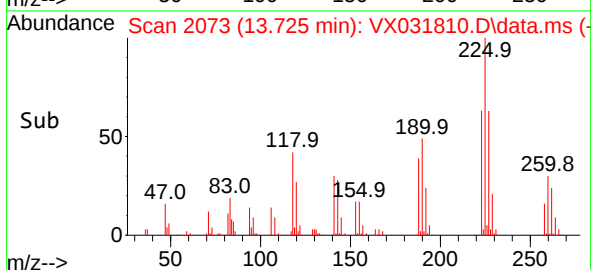
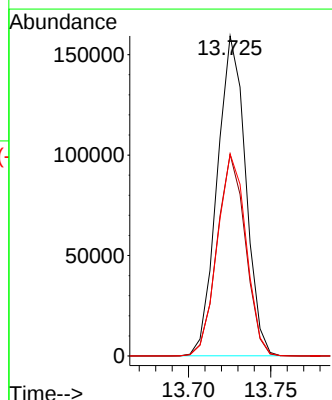
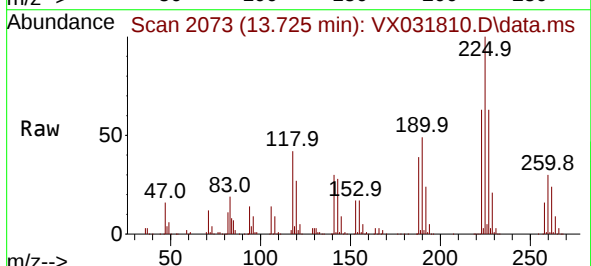
Tgt Ion:225 Resp: 191764

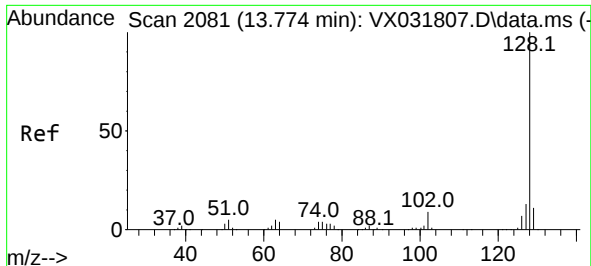
Ion Ratio Lower Upper

225 100

223 62.8 0.0 126.0

227 64.0 0.0 127.6

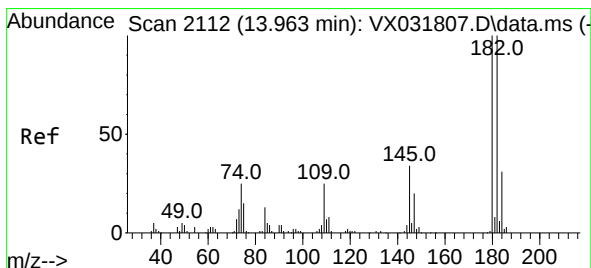
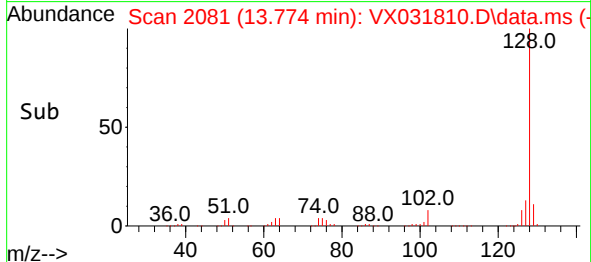
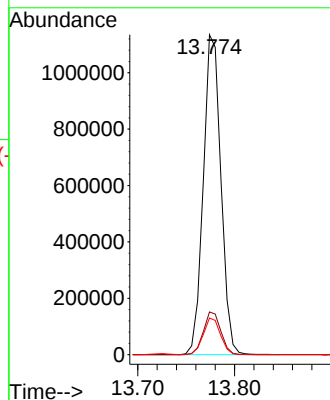
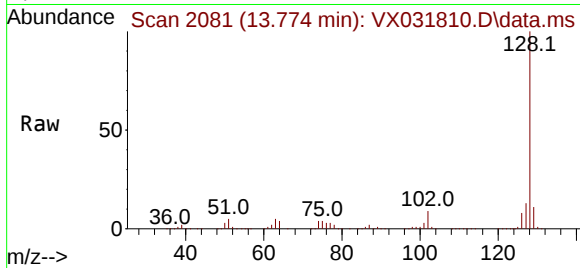




#91
Naphthalene
Concen: 152.520 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1440060
Ion Ratio Lower Upper
128 100
127 13.2 9.9 14.9
129 11.3 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 163.440 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031810.D
Acq: 30 Sep 2022 13:21

Tgt Ion:180 Resp: 477716
Ion Ratio Lower Upper
180 100
182 94.5 0.0 199.0
145 31.8 0.0 68.2

