

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033771.D
 Acq On : 18 Jan 2023 13:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 19 04:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	16139	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110466	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124457	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36633	29.331	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.767%
60) 4-Bromofluorobenzene	11.079	95	66003	29.665	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.900%
63) Toluene-d8	8.647	98	118249	29.780	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127751	86.404	ug/l	98
3) Chloromethane	1.294	50	139036	83.622	ug/l	97
4) Vinyl Chloride	1.374	62	134779	82.586	ug/l	99
5) Bromomethane	1.618	94	89516	85.087	ug/l	99
6) Chloroethane	1.691	64	70647	80.928	ug/l	98
7) Trichlorofluoromethane	1.886	101	200024	82.895	ug/l	99
8) Diethyl Ether	2.130	74	76919	84.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	123708	84.718	ug/l	99
10) 1,1-Dichloroethene	2.319	96	121047	84.389	ug/l	98
11) Methyl Iodide	2.453	142	185246	85.606	ug/l	98
12) Methyl Acetate	2.703	43	208970	83.488	ug/l	98
13) Acrolein	2.239	56	122840	438.788	ug/l	96
14) Acrylonitrile	3.069	53	339831	416.738	ug/l	100
15) Acetone	2.392	58	99528	405.904	ug/l	96
16) Carbon Disulfide	2.514	76	300895	85.572	ug/l	99
17) Allyl chloride	2.666	41	216386	83.582	ug/l	98
18) Methylene Chloride	2.788	84	132549	82.073	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	127335	82.461	ug/l	96
20) Diisopropyl ether	3.757	45	417330	82.234	ug/l	97
21) 1,1-Dichloroethane	3.611	63	229235	82.543	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	150967	83.204	ug/l	99
23) tert-Butyl Alcohol	3.331	59	89	0.316	ug/l	74
24) Methyl tert-Butyl Ether	3.111	73	399145	84.045	ug/l	99
25) Chloroform	5.093	83	230566	82.552	ug/l	95
26) Cyclohexane	5.471	56	207949	82.168	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	175443	82.686	ug/l	100
30) 2-Butanone	4.562	43	476507	406.490	ug/l	99
31) 2,2-Dichloropropane	4.477	77	170699	84.826	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	202141	82.731	ug/l	98
33) Carbon Tetrachloride	5.678	117	184821	84.513	ug/l	96
34) Benzene	6.038	78	527217	83.723	ug/l	99
35) Methacrylonitrile	4.922	41	105480	82.628	ug/l	95
36) 1,2-Dichloroethane	6.086	62	179115	80.864	ug/l	100
37) Trichloroethene	7.123	130	150965	84.888	ug/l	98
38) Methylcyclohexane	7.379	83	220362	86.318	ug/l	97
39) 1,2-Dichloropropane	7.428	63	131516	85.311	ug/l	97
40) Dibromomethane	7.580	93	92422	84.345	ug/l	94
41) Bromodichloromethane	7.824	83	178362	85.315	ug/l	97
42) Vinyl Acetate	3.721	43	1636484	415.480	ug/l	99

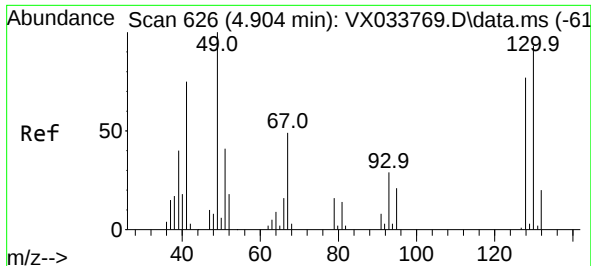
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	184790	80.640	ug/l	99
44) Isopropyl Acetate	6.336	43	298057	85.539	ug/l	98
45) 1,4-Dioxane	7.726	88	62108	1724.684	ug/l #	97
46) Methyl methacrylate	7.690	41	152190	86.019	ug/l	95
47) n-amyl Acetate	10.842	43	264724	90.061	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	202509	91.944	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	222240	89.389	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	139757	85.979	ug/l	99
51) Ethyl methacrylate	9.116	69	216008	89.695	ug/l	94
52) 1,3-Dichloropropane	9.311	76	235182	85.852	ug/l	100
53) Dibromochloromethane	9.519	129	158619	89.346	ug/l	100
54) 1,2-Dibromoethane	9.610	107	152166	86.660	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	528457	467.385	ug/l	99
56) Bromoform	10.799	173	125784	91.290	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	956181	427.426	ug/l	97
59) 2-Hexanone	9.433	43	719945	428.322	ug/l	97
61) Tetrachloroethene	9.275	164	137891	84.139	ug/l	97
62) Toluene	8.720	91	583809	83.861	ug/l	100
64) Chlorobenzene	10.079	112	387725	83.542	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	149129	86.293	ug/l	99
66) Ethyl Benzene	10.195	91	670763	84.191	ug/l	98
67) m/p-Xylenes	10.299	106	527821	167.759	ug/l	97
68) o-Xylene	10.640	106	262349	84.085	ug/l	100
69) Styrene	10.653	104	434798	84.720	ug/l	99
70) Isopropylbenzene	10.963	105	665965	82.864	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	199359	82.731	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	223424	101.760	ug/l	90
73) Bromobenzene	11.195	156	179761	82.591	ug/l	98
74) n-propylbenzene	11.305	91	767941	84.116	ug/l	100
75) 2-Chlorotoluene	11.366	91	451666	83.168	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	555257	83.309	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	63001	93.388	ug/l	90
78) 4-Chlorotoluene	11.451	91	511317	83.690	ug/l	99
79) tert-butylbenzene	11.713	119	572233	83.882	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	552853	83.664	ug/l	100
81) sec-Butylbenzene	11.890	105	695689	83.807	ug/l	99
82) p-Isopropyltoluene	12.012	119	599746	83.405	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	326649	83.069	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	331928	84.217	ug/l	99
85) n-Butylbenzene	12.335	91	506907	86.676	ug/l	100
86) Hexachloroethane	12.536	117	100534	88.447	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	318029	83.902	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	42228	85.628	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	225894	85.648	ug/l	100
90) Hexachlorobutadiene	13.725	225	104354	84.380	ug/l	99
91) Naphthalene	13.774	128	655842	84.830	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	225473	87.161	ug/l	99

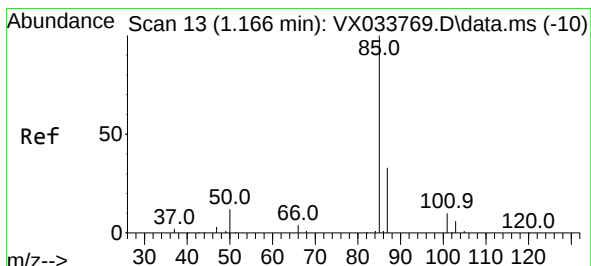
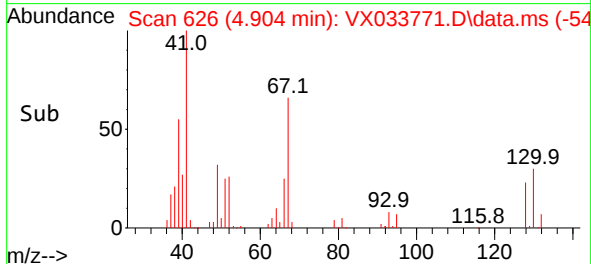
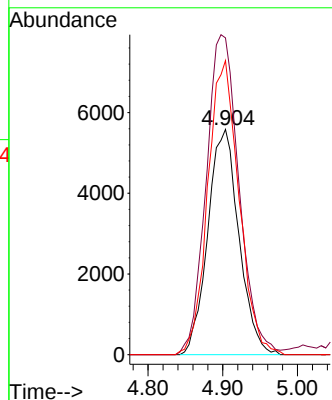
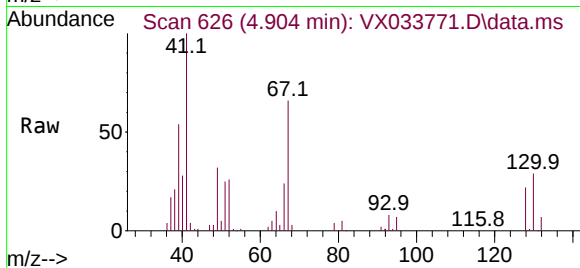
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033771.D
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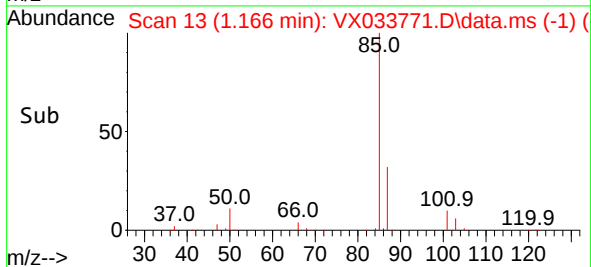
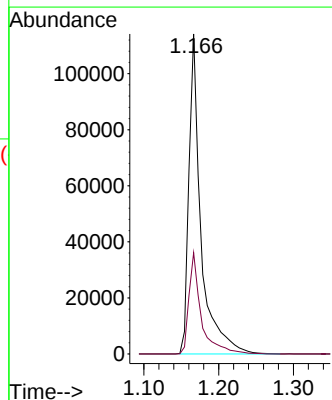
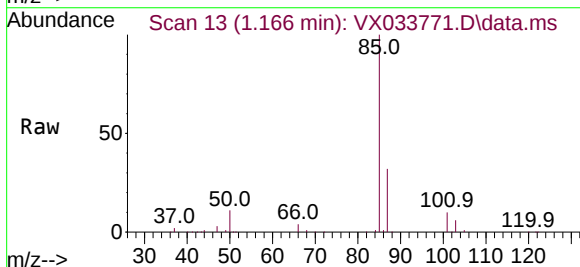
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

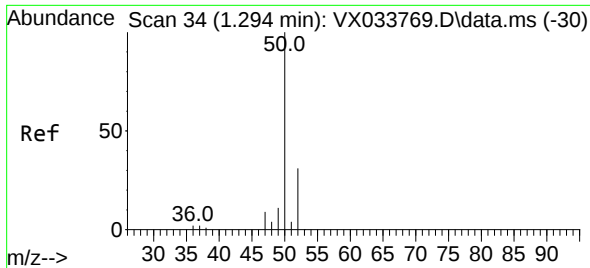
Tgt Ion:128 Resp: 16139
Ion Ratio Lower Upper
128 100
49 150.3 0.0 369.0
130 131.1 0.0 327.5



#2
Dichlorodifluoromethane
Concen: 86.404 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 85 Resp: 127751
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1

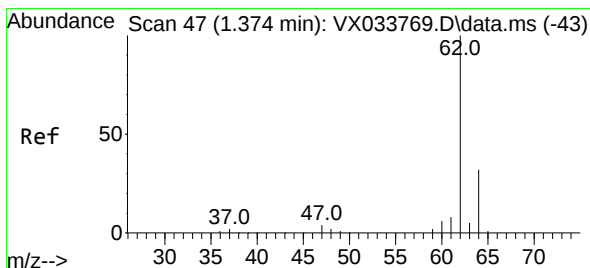
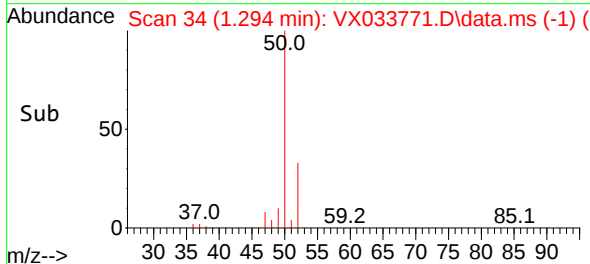
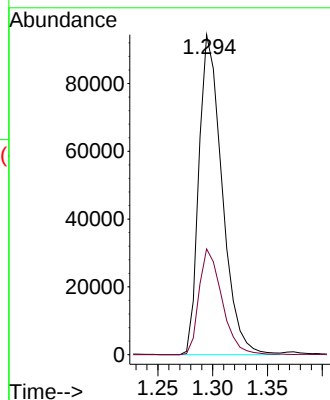
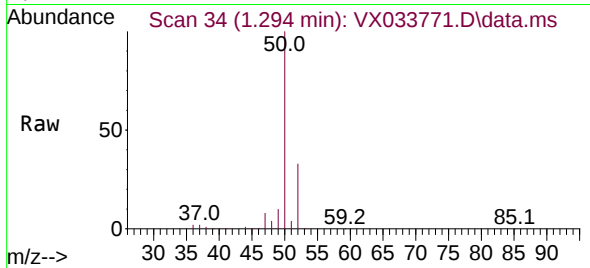




#3
Chloromethane
Concen: 83.622 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

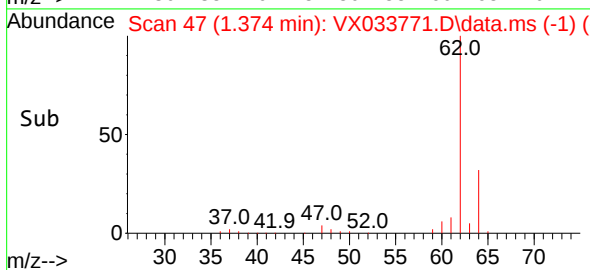
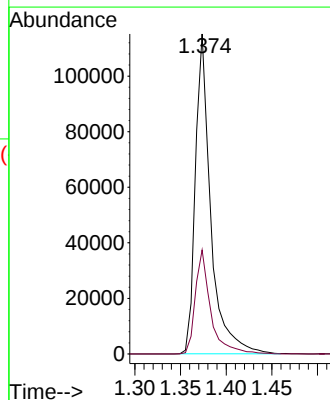
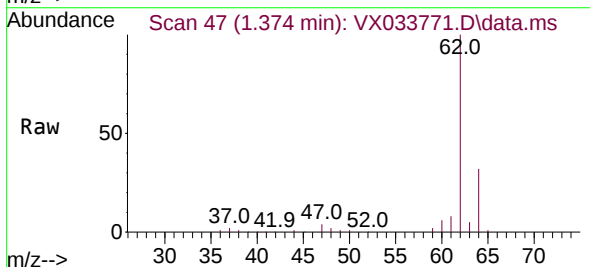
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

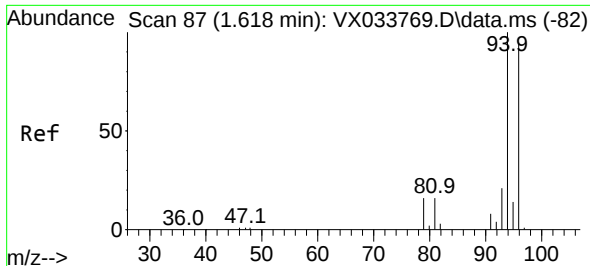
Tgt Ion: 50 Resp: 139036
Ion Ratio Lower Upper
50 100
52 33.0 25.1 37.7



#4
Vinyl Chloride
Concen: 82.586 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 62 Resp: 134779
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2

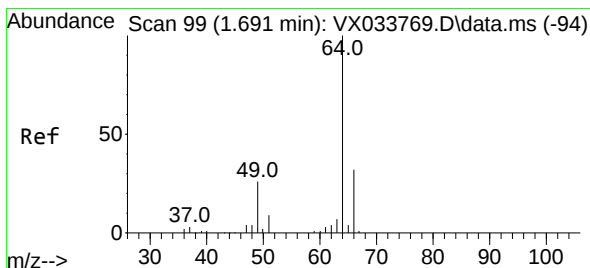
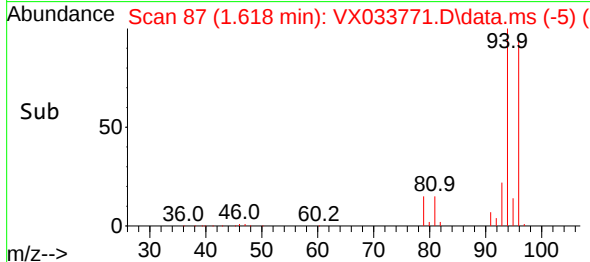
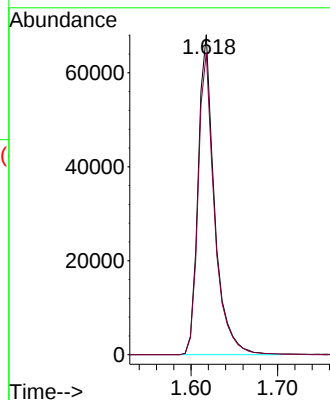
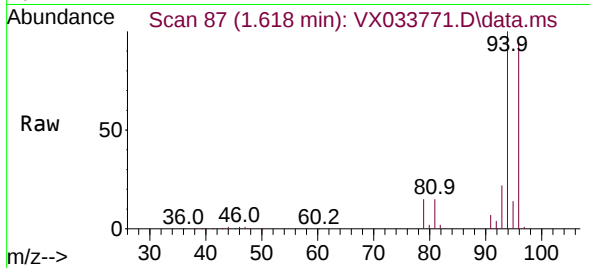




#5
Bromomethane
Concen: 85.087 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

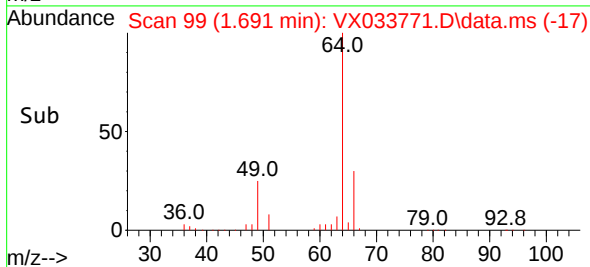
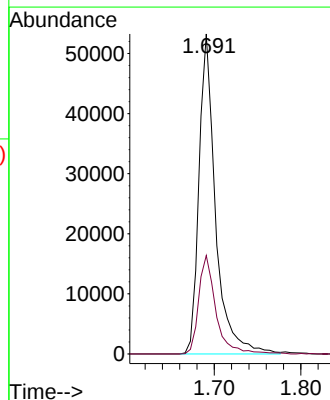
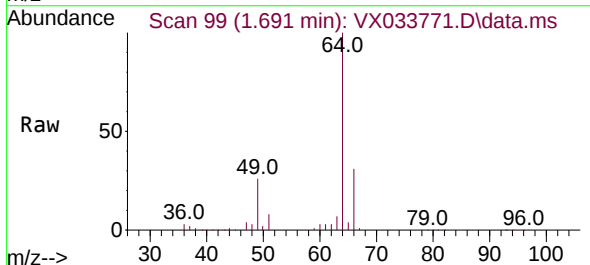
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

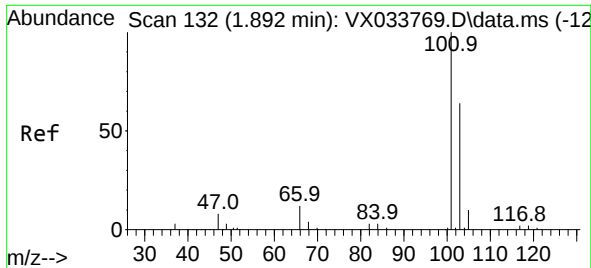
Tgt Ion: 94 Resp: 89516
Ion Ratio Lower Upper
94 100
96 94.3 74.8 112.2



#6
Chloroethane
Concen: 80.928 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 64 Resp: 70647
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

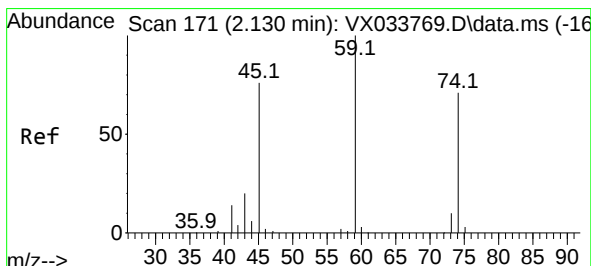
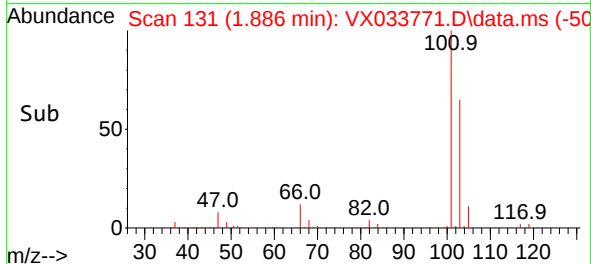
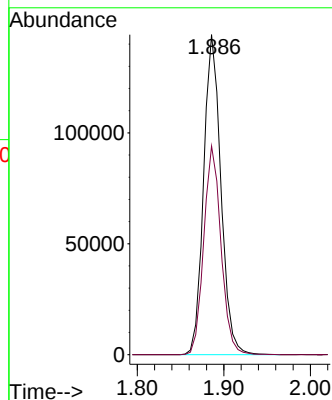
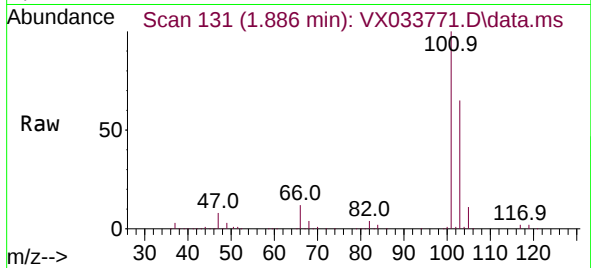




#7
Trichlorofluoromethane
Concen: 82.895 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

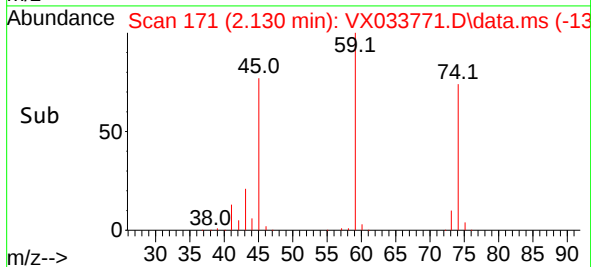
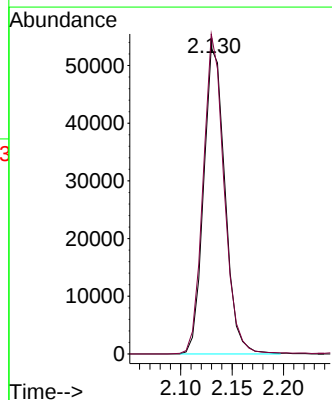
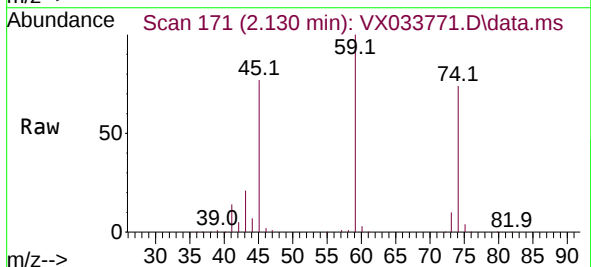
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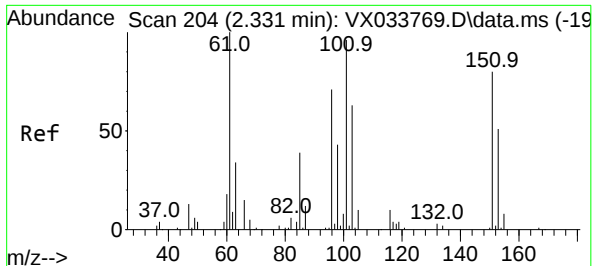
Tgt Ion:101 Resp: 200024
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 84.575 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 74 Resp: 76919
Ion Ratio Lower Upper
74 100
45 102.6 20.2 182.0

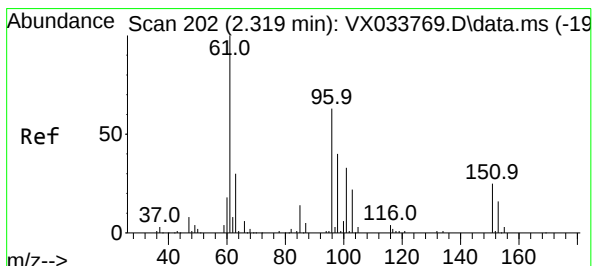
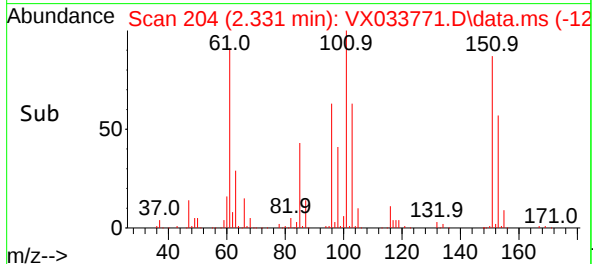
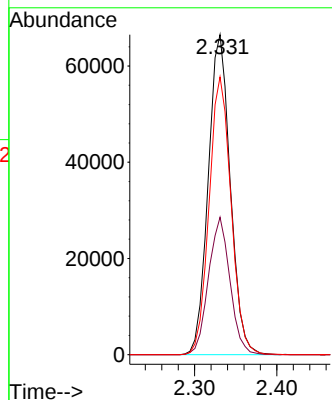
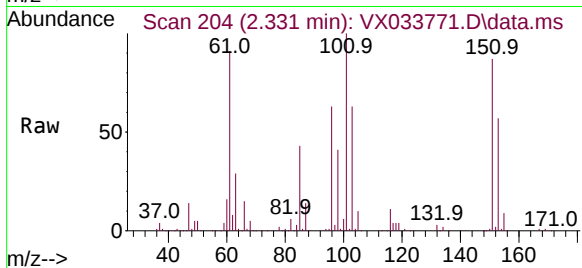




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 84.718 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

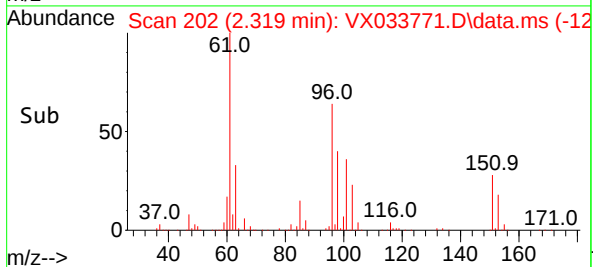
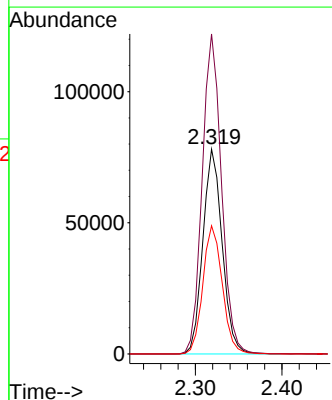
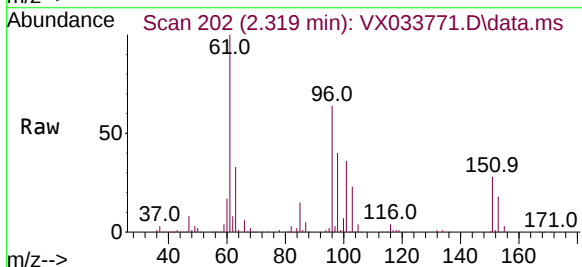
Instrument :
 MSVOA_X
 ClientSampleId :
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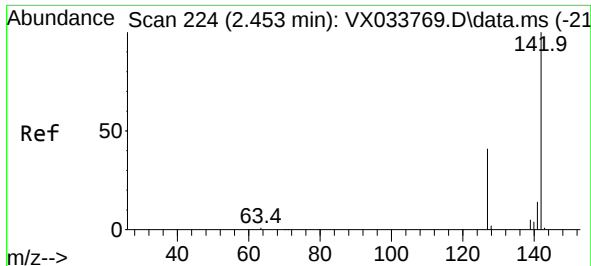
Tgt Ion:101 Resp: 123708
 Ion Ratio Lower Upper
 101 100
 85 41.9 0.0 83.0
 151 86.6 0.0 174.6



#10
 1,1-Dichloroethene
 Concen: 84.389 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

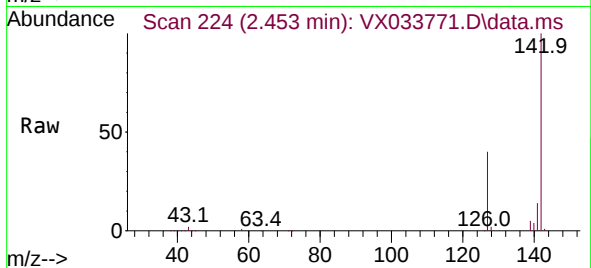
Tgt Ion: 96 Resp: 121047
 Ion Ratio Lower Upper
 96 100
 61 156.1 127.5 191.3
 98 62.6 51.1 76.7



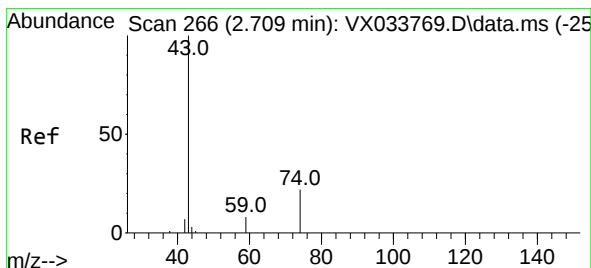
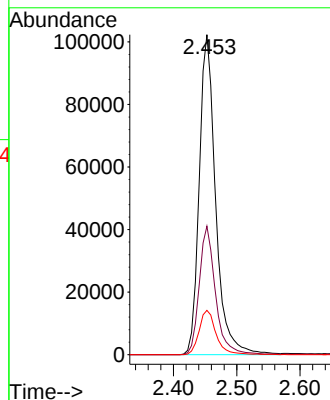
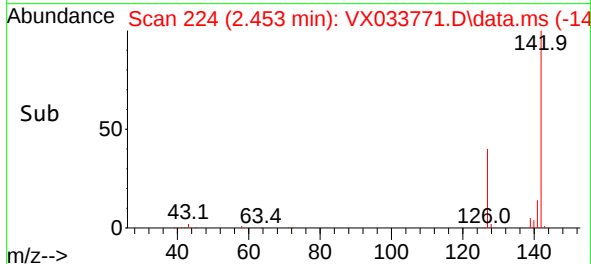


#11
Methyl Iodide
Concen: 85.606 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

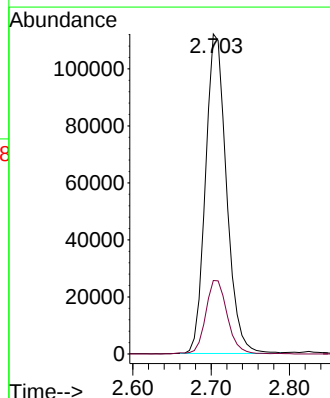
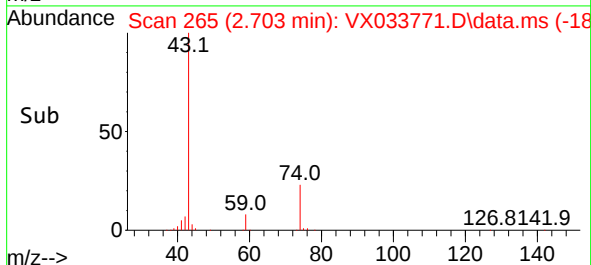
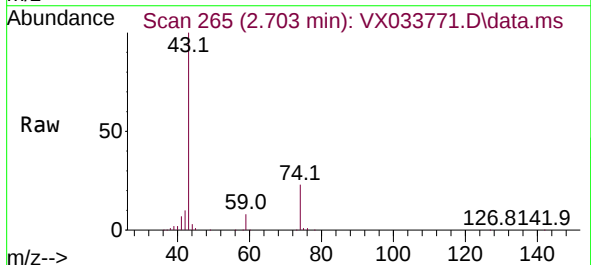


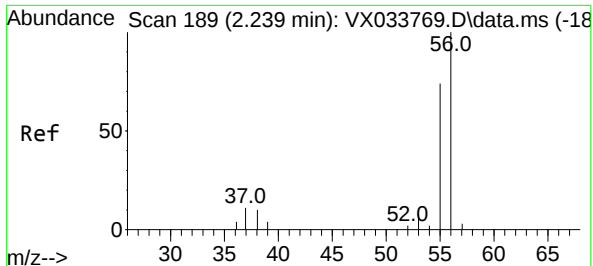
Tgt Ion:142 Resp: 185246
Ion Ratio Lower Upper
142 100
127 40.2 20.7 62.1
141 13.9 7.0 21.0



#12
Methyl Acetate
Concen: 83.488 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 43 Resp: 208970
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4

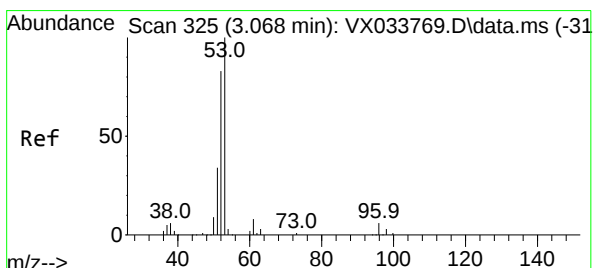
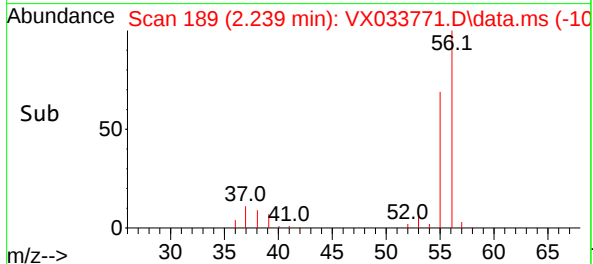
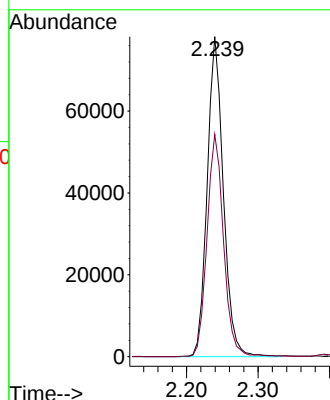
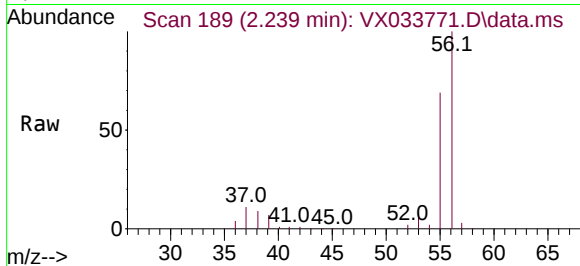




#13
Acrolein
Concen: 438.788 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

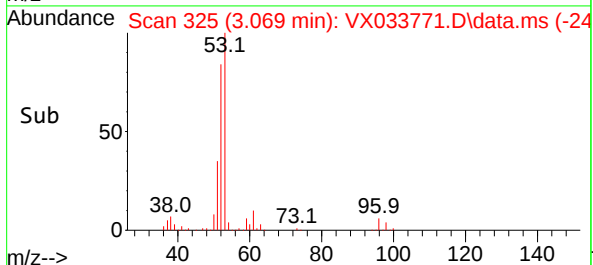
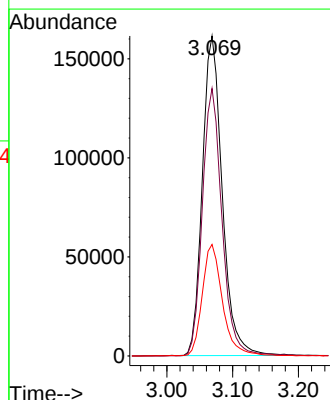
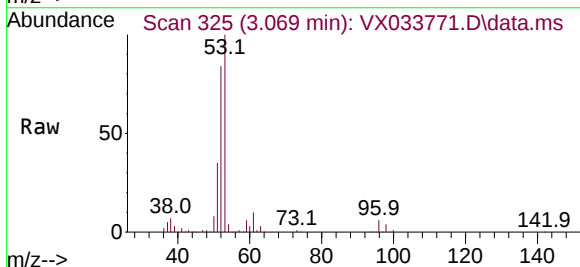
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

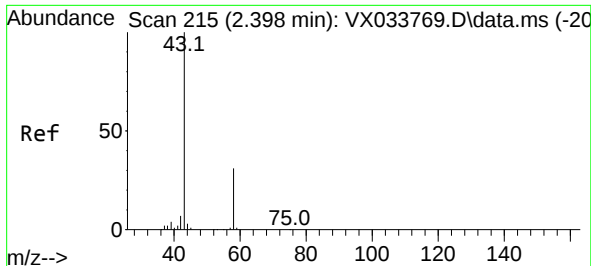
Tgt Ion: 56 Resp: 122840
Ion Ratio Lower Upper
56 100
55 70.2 58.8 88.2



#14
Acrylonitrile
Concen: 416.738 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 53 Resp: 339831
Ion Ratio Lower Upper
53 100
52 82.4 41.0 123.2
51 35.6 17.6 52.8

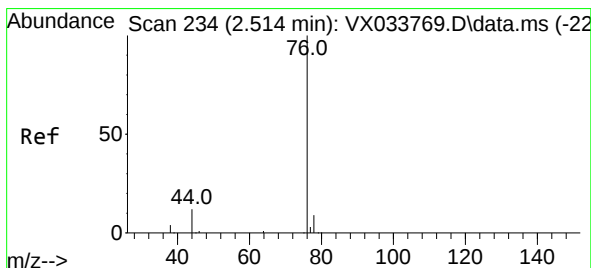
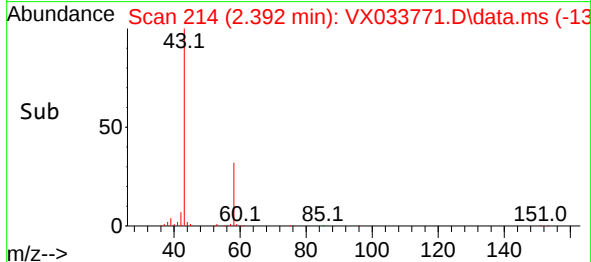
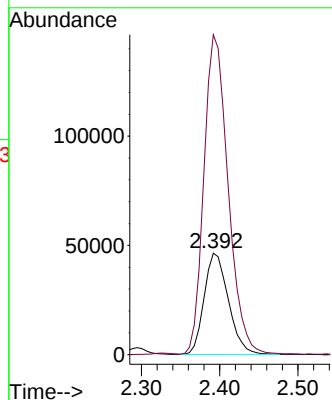
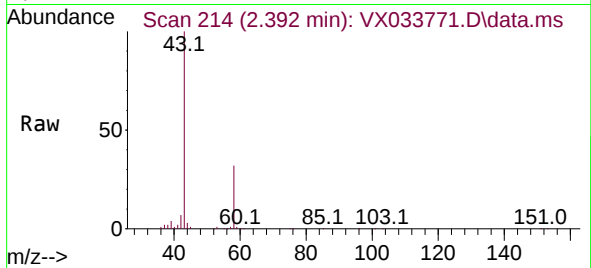




#15
Acetone
Concen: 405.904 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

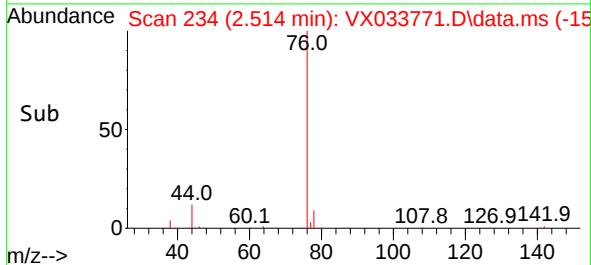
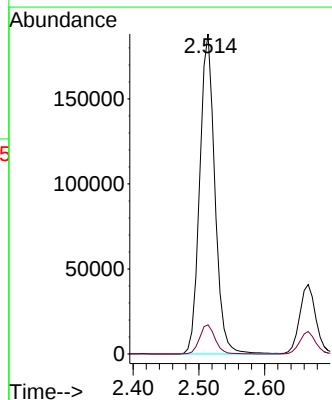
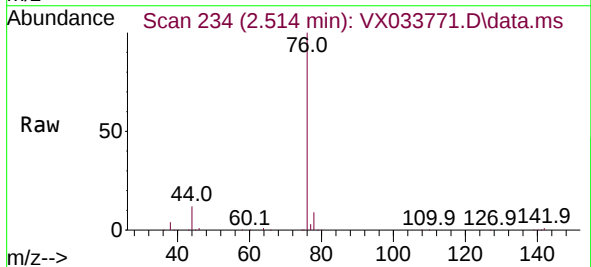
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

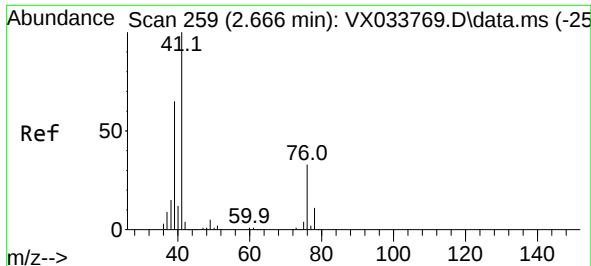
Tgt Ion: 58 Resp: 99528
Ion Ratio Lower Upper
58 100
43 315.9 258.6 388.0



#16
Carbon Disulfide
Concen: 85.572 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 76 Resp: 300895
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

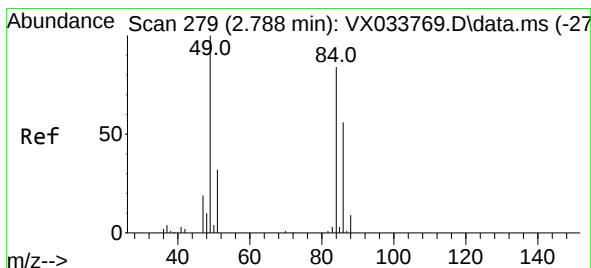
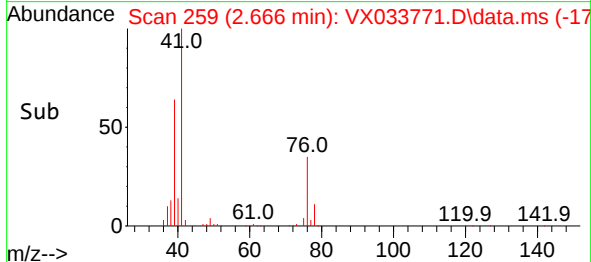
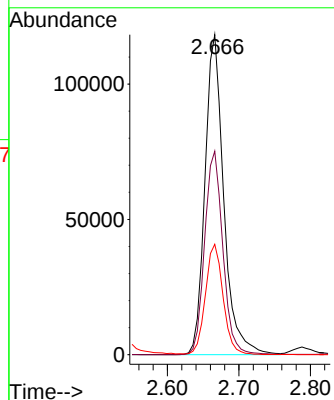
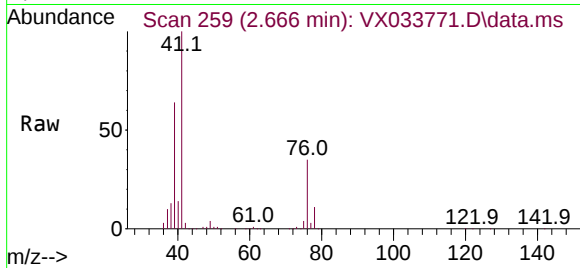




#17
 Allyl chloride
 Concen: 83.582 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

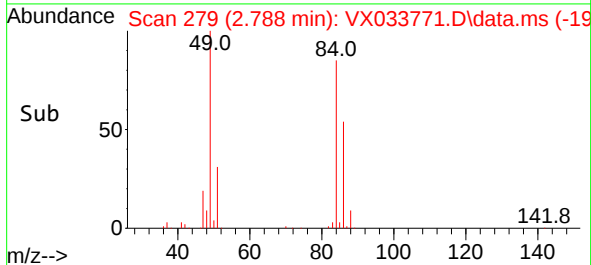
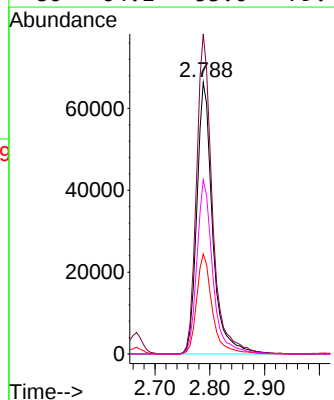
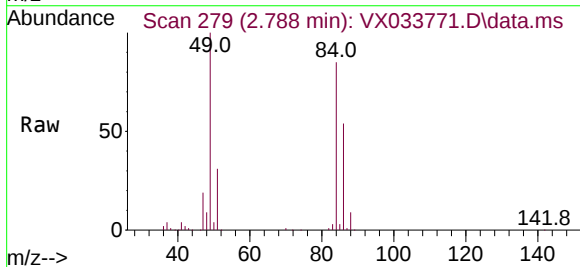
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

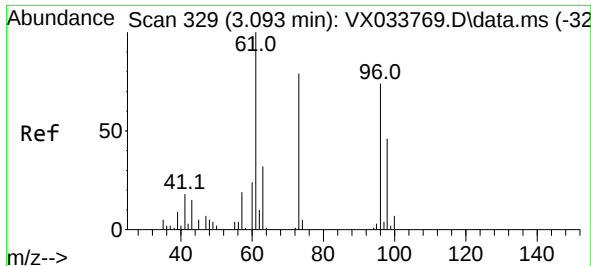
Tgt Ion: 41 Resp: 216386
 Ion Ratio Lower Upper
 41 100
 39 63.5 32.5 97.4
 76 34.5 16.6 49.8



#18
 Methylene Chloride
 Concen: 82.073 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

Tgt Ion: 84 Resp: 132549
 Ion Ratio Lower Upper
 84 100
 49 117.8 95.0 142.6
 51 36.8 30.3 45.5
 86 64.1 53.0 79.4

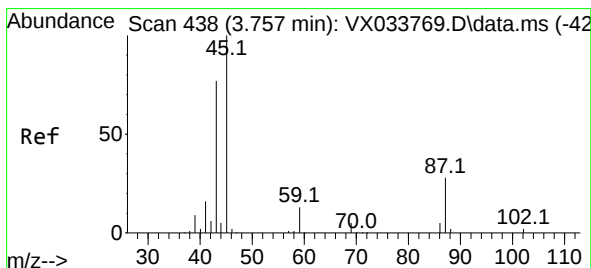
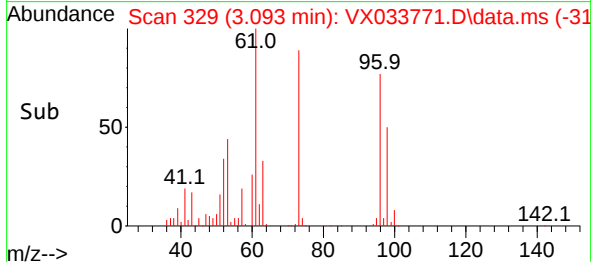
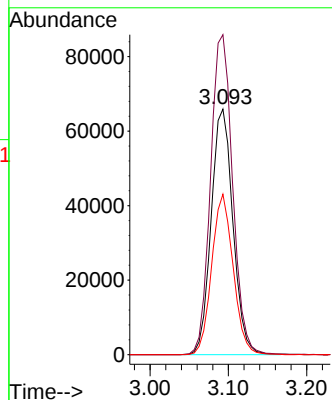
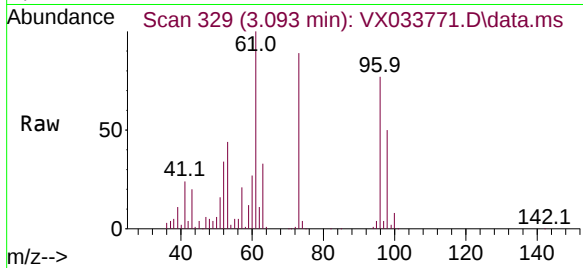




#19
trans-1,2-Dichloroethene
Concen: 82.461 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

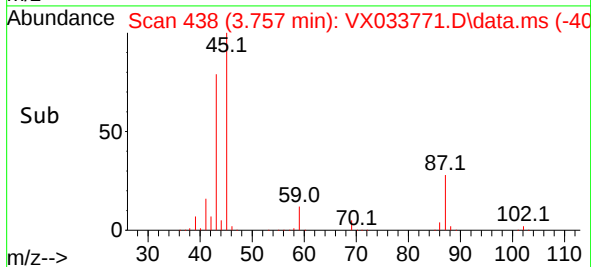
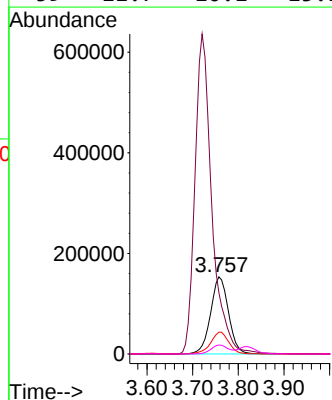
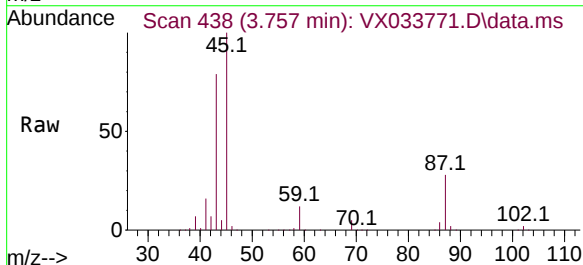
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

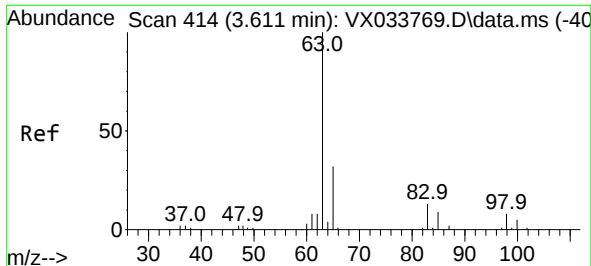
Tgt Ion: 96 Resp: 127335
Ion Ratio Lower Upper
96 100
61 130.3 107.7 161.5
98 65.3 49.8 74.6



#20
Diisopropyl ether
Concen: 82.234 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 45 Resp: 417330
Ion Ratio Lower Upper
45 100
43 79.0 66.6 99.8
87 28.1 22.3 33.5
59 11.7 10.1 15.1





#21

1,1-Dichloroethane

Concen: 82.543 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

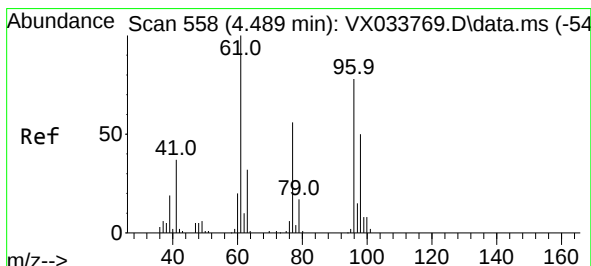
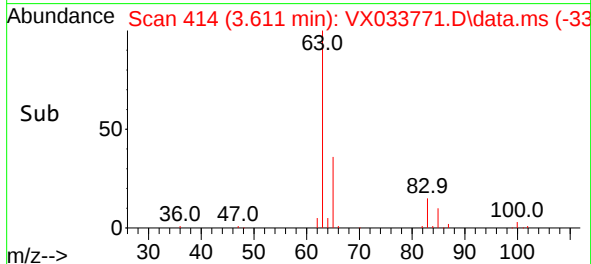
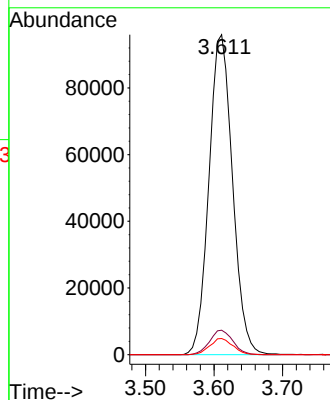
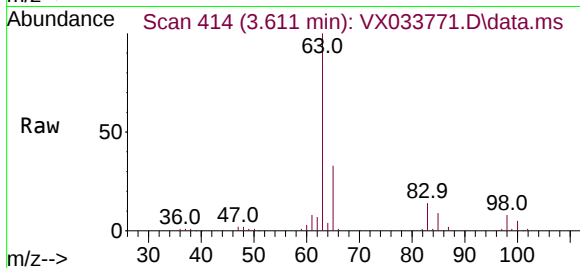
Tgt Ion: 63 Resp: 229235

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.1 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 83.204 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

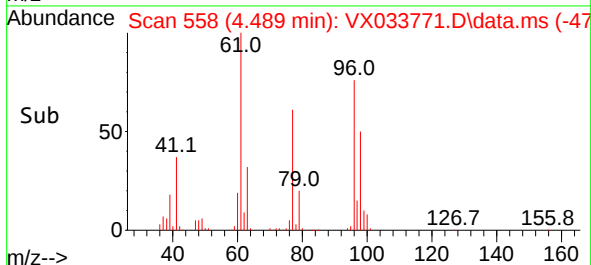
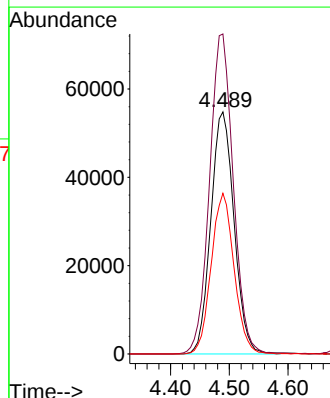
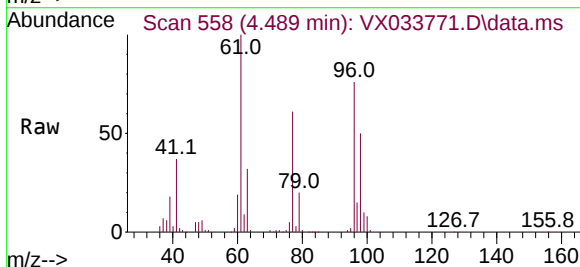
Tgt Ion: 96 Resp: 150967

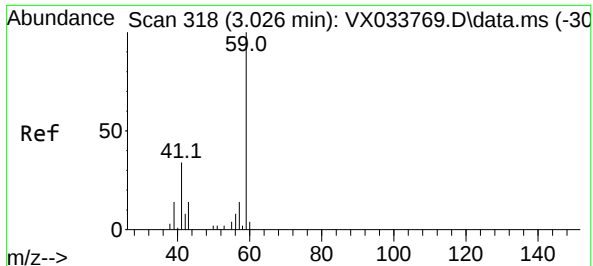
Ion Ratio Lower Upper

96 100

61 134.6 109.0 163.6

98 65.1 51.7 77.5

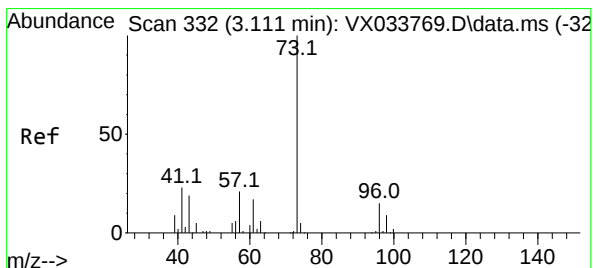
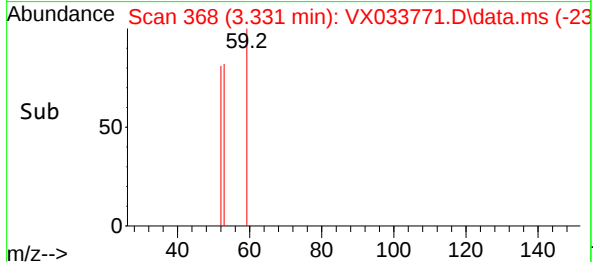
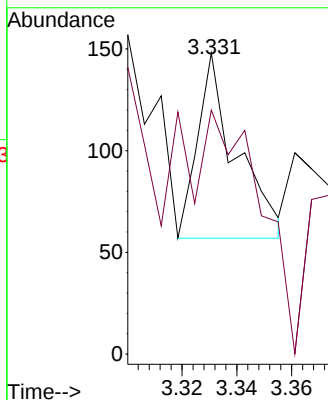
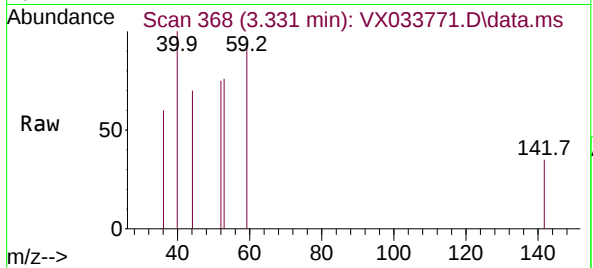




#23
tert-Butyl Alcohol
Concen: 0.316 ug/l
RT: 3.331 min Scan# 318
Delta R.T. 0.305 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

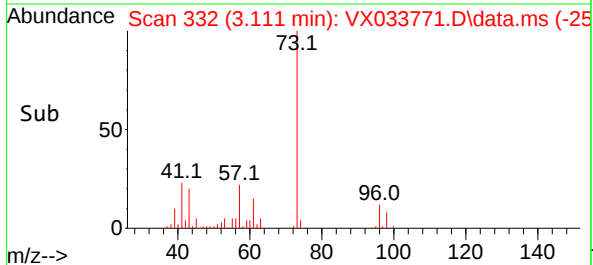
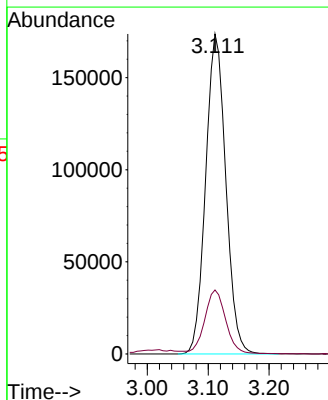
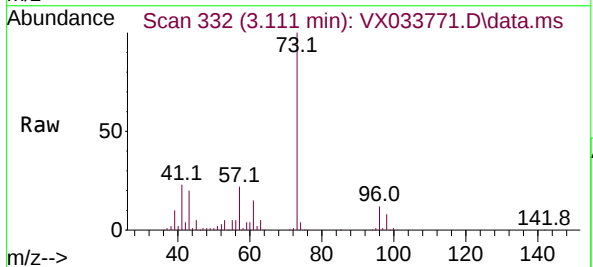
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

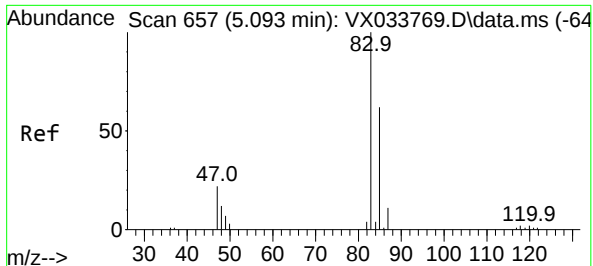
Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
52 189.9 186.7 280.1



#24
Methyl tert-Butyl Ether
Concen: 84.045 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 73 Resp: 399145
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3

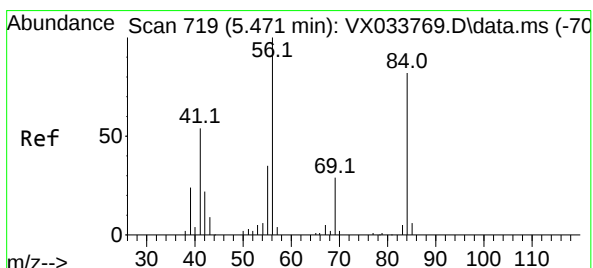
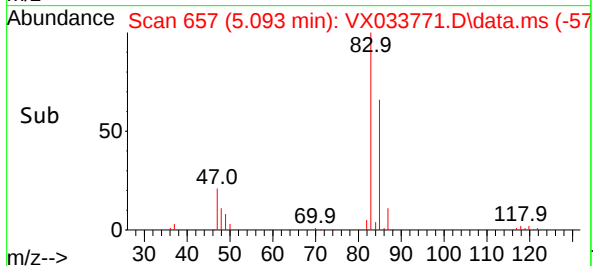
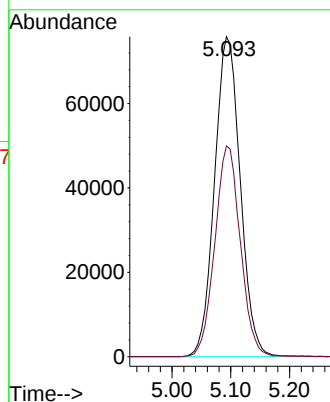
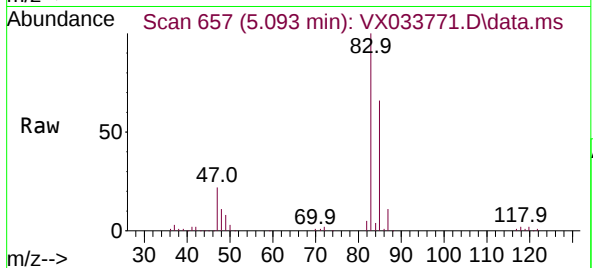




#25
Chloroform
Concen: 82.552 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

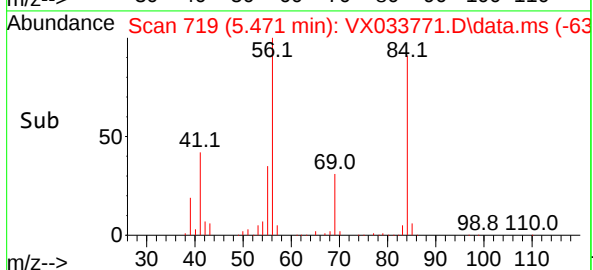
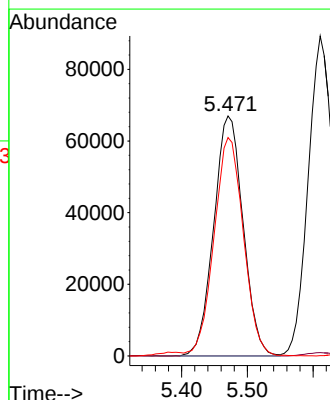
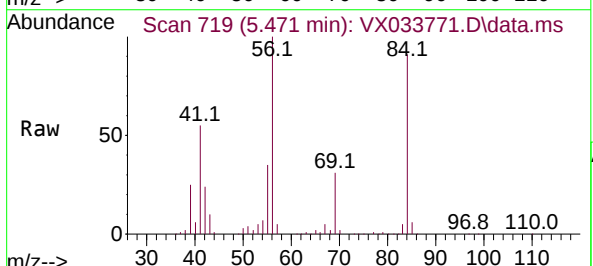
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

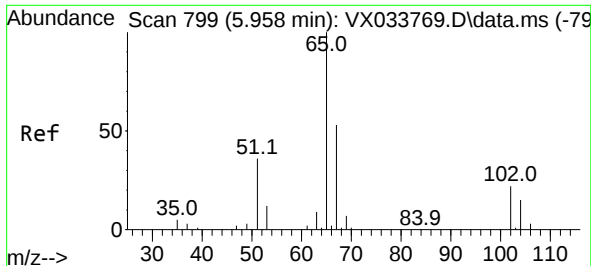
Tgt Ion: 83 Resp: 230566
Ion Ratio Lower Upper
83 100
85 65.8 49.7 74.5



#26
Cyclohexane
Concen: 82.168 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 56 Resp: 207949
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.9 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 29.331 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

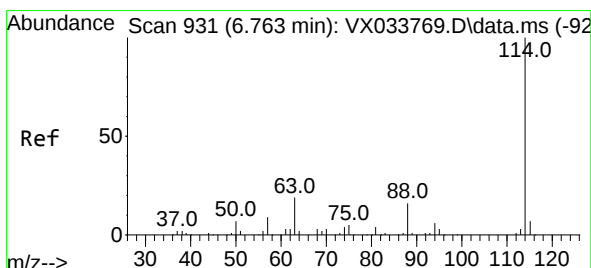
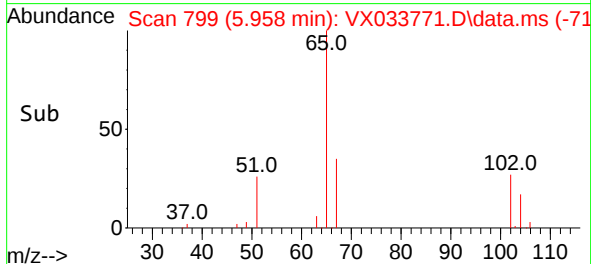
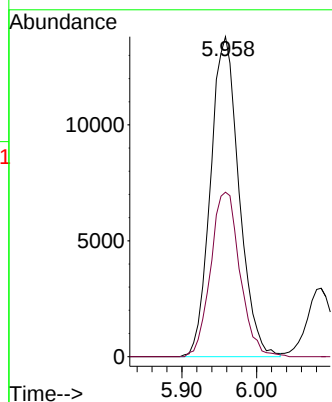
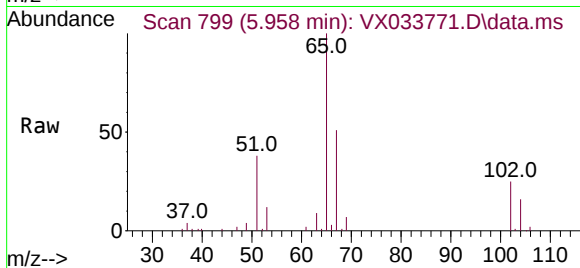
VSTDIC100

Tgt Ion: 65 Resp: 36633

Ion Ratio Lower Upper

65 100

67 52.7 43.0 64.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

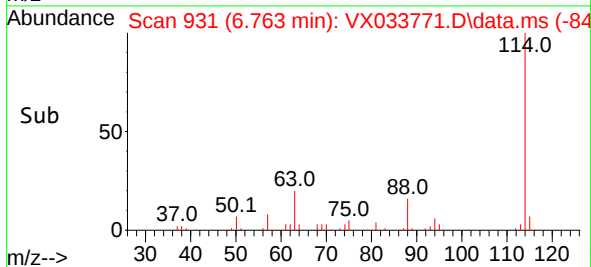
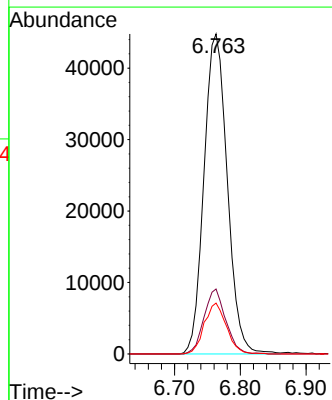
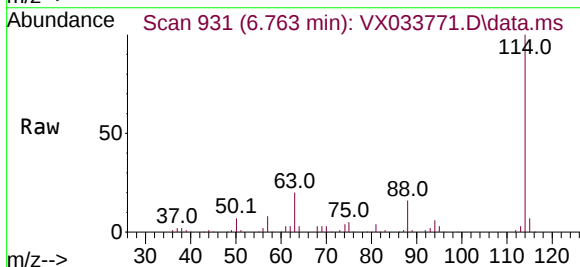
Tgt Ion: 114 Resp: 110466

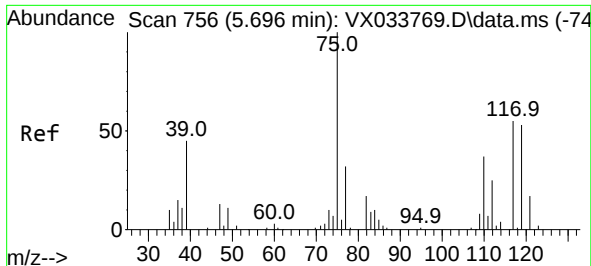
Ion Ratio Lower Upper

114 100

63 18.8 15.2 22.8

88 15.1 12.4 18.6





#29

1,1-Dichloropropene

Concen: 82.686 ug/l

RT: 5.696 min Scan# 75

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

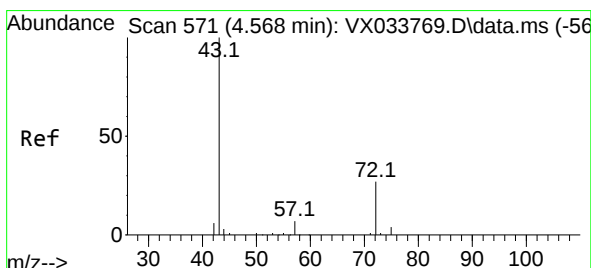
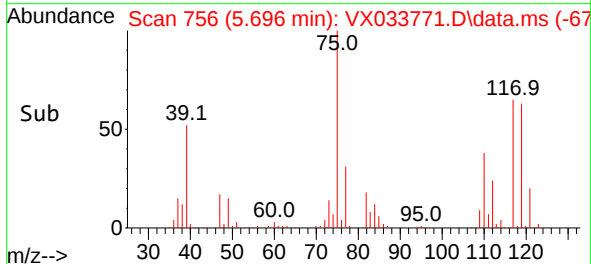
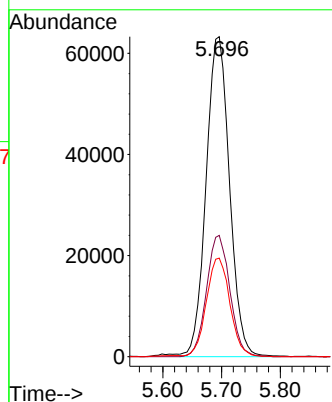
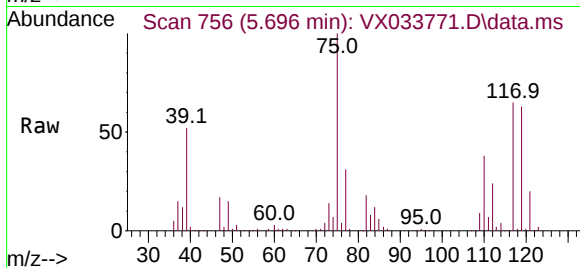
Tgt Ion: 75 Resp: 175443

Ion Ratio Lower Upper

75 100

110 37.8 0.0 75.8

77 31.0 0.0 62.4



#30

2-Butanone

Concen: 406.490 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

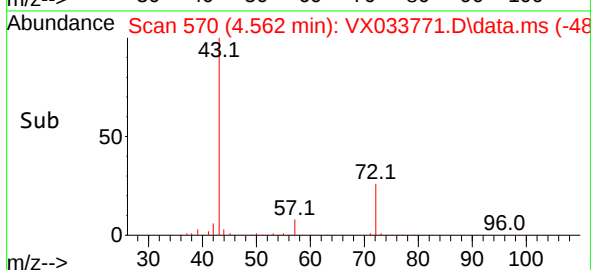
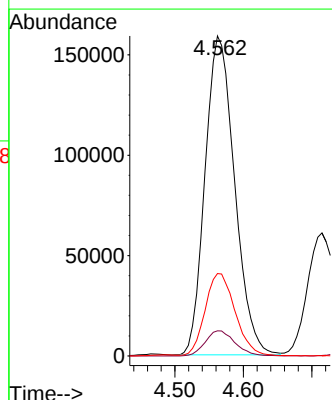
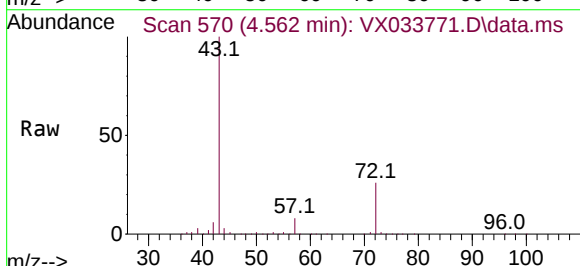
Tgt Ion: 43 Resp: 476507

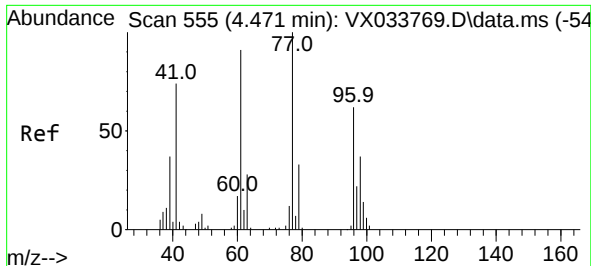
Ion Ratio Lower Upper

43 100

57 7.9 6.0 9.0

72 26.3 20.6 30.8

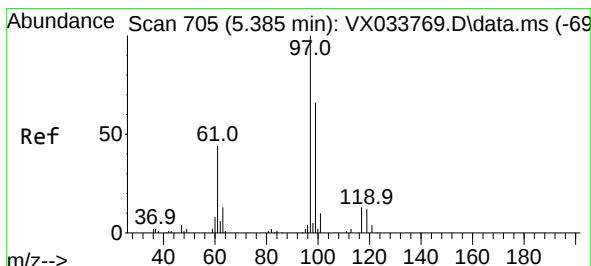
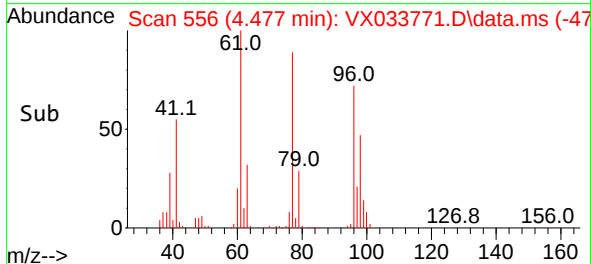
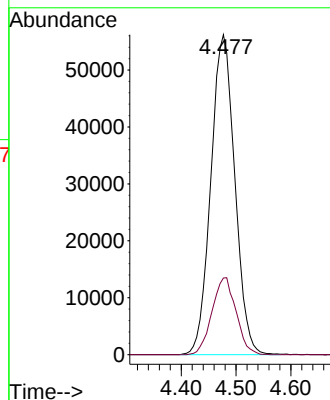
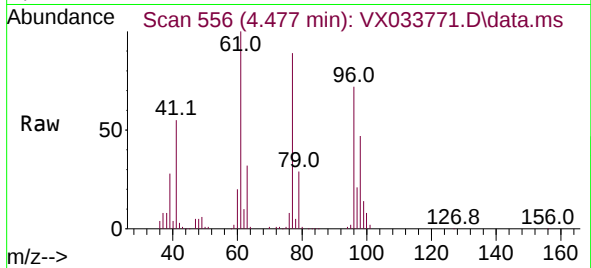




#31
2,2-Dichloropropane
Concen: 84.826 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

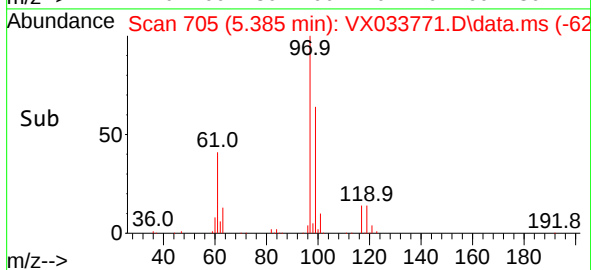
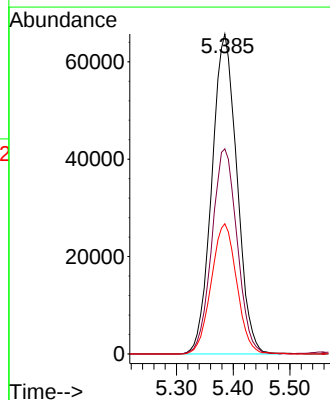
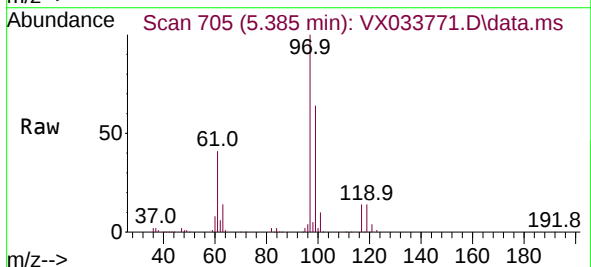
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

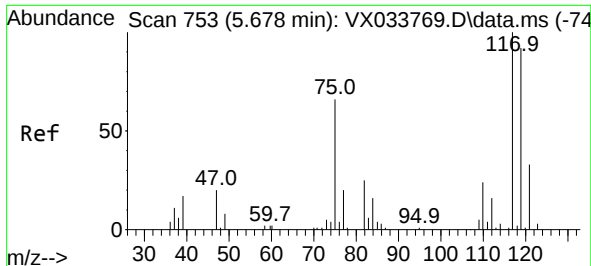
Tgt Ion: 77 Resp: 170699
Ion Ratio Lower Upper
77 100
97 24.1 19.6 29.4



#32
1,1,1-Trichloroethane
Concen: 82.731 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 97 Resp: 202141
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 41.2 34.7 52.1

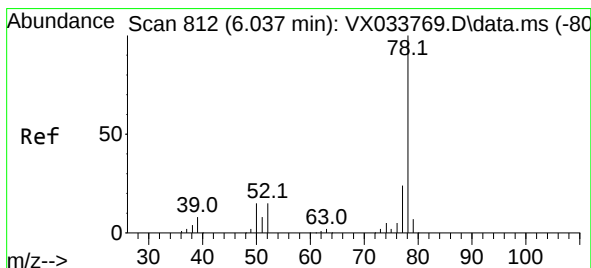
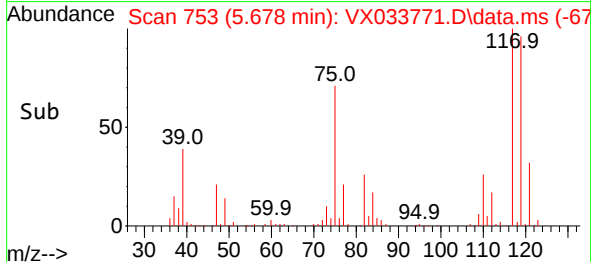
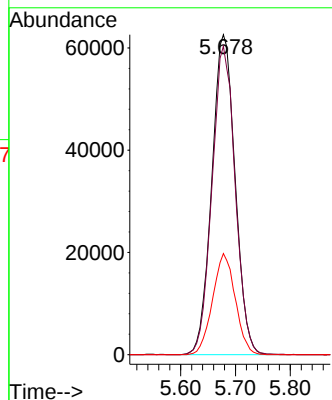
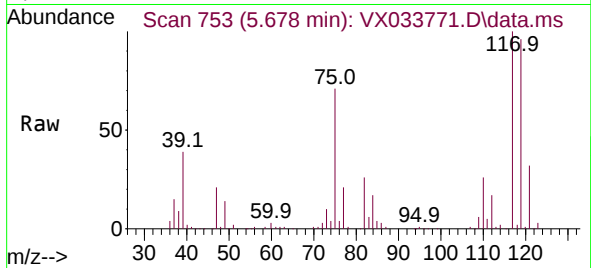




#33
Carbon Tetrachloride
Concen: 84.513 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

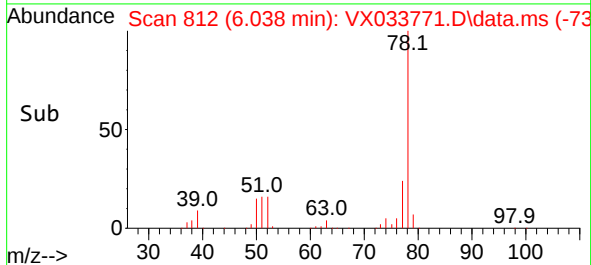
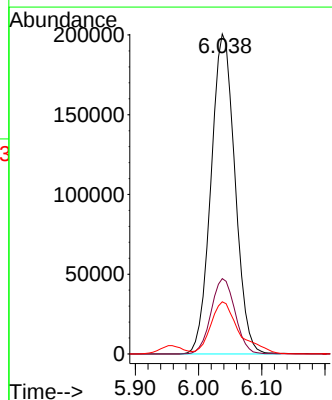
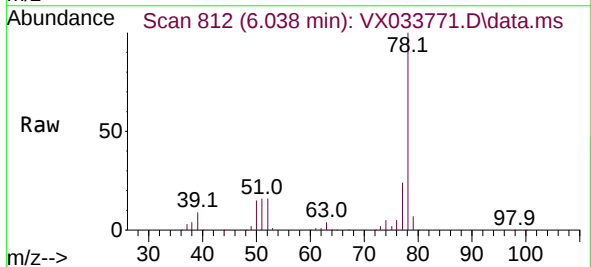
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

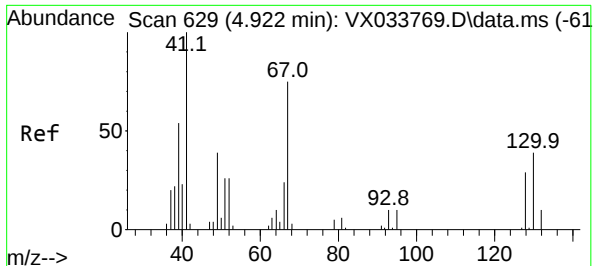
Tgt Ion:117 Resp: 184821
Ion Ratio Lower Upper
117 100
119 96.4 73.8 110.6
121 31.6 26.2 39.4



#34
Benzene
Concen: 83.723 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 78 Resp: 527217
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 16.1 11.9 17.9



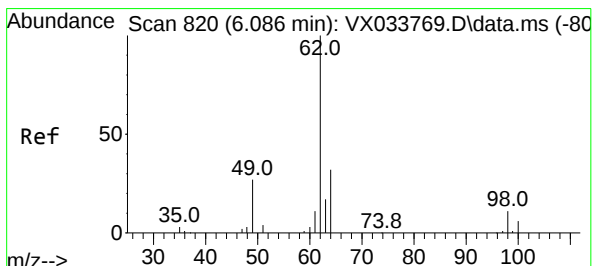
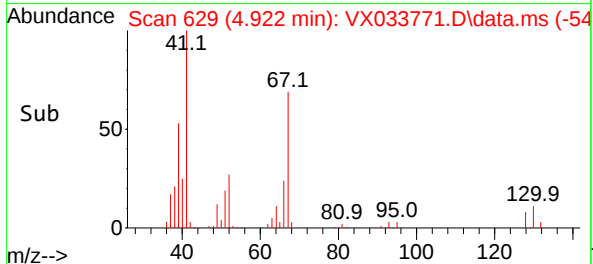
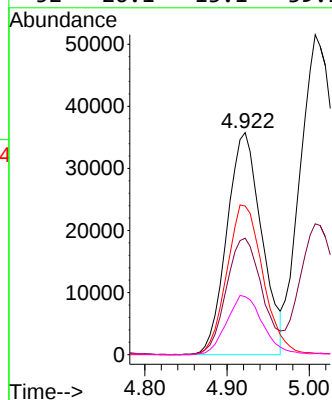
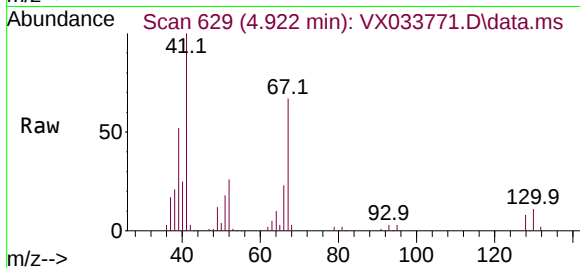


#35
Methacrylonitrile
Concen: 82.628 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 105480

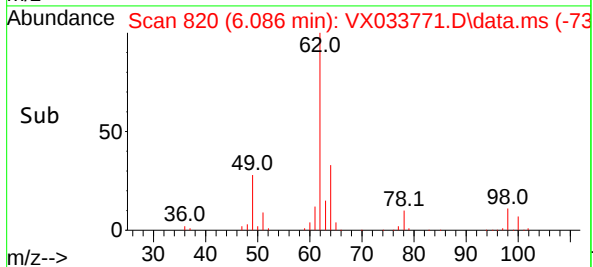
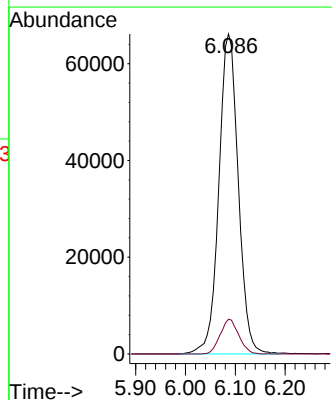
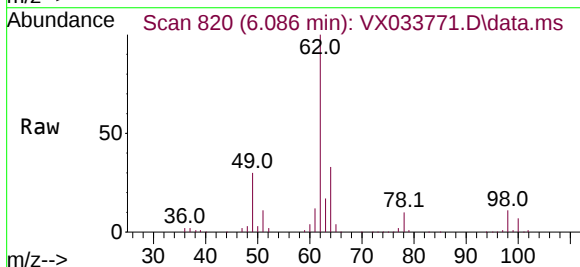
Ion	Ratio	Lower	Upper
41	100		
39	52.4	27.0	80.8
67	66.9	37.3	111.8
52	26.1	13.1	39.1

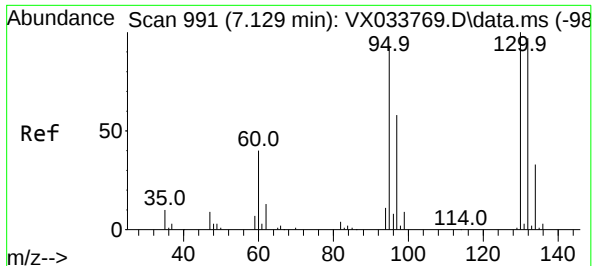


#36
1,2-Dichloroethane
Concen: 80.864 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 62 Resp: 179115

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.4





#37

Trichloroethene

Concen: 84.888 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

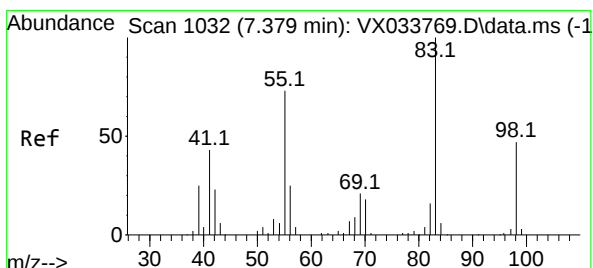
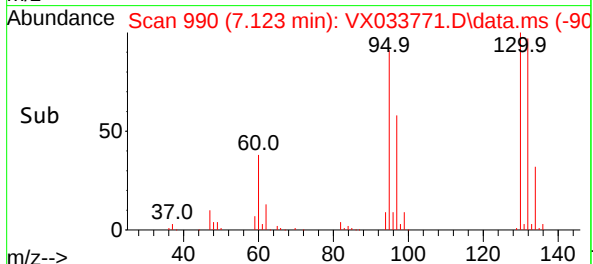
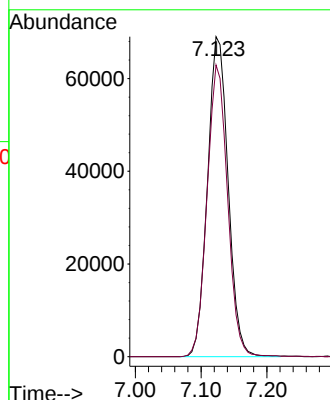
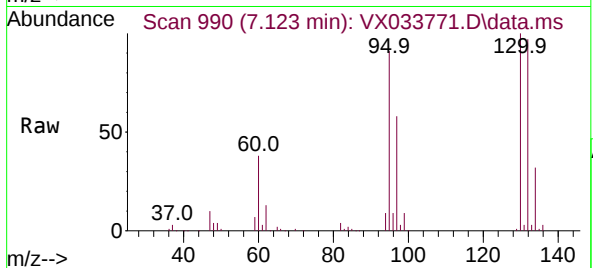
VSTDICC100

Tgt Ion:130 Resp: 150965

Ion Ratio Lower Upper

130 100

95 91.2 74.1 111.1



#38

Methylcyclohexane

Concen: 86.318 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

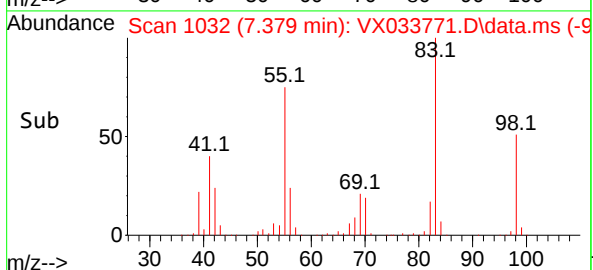
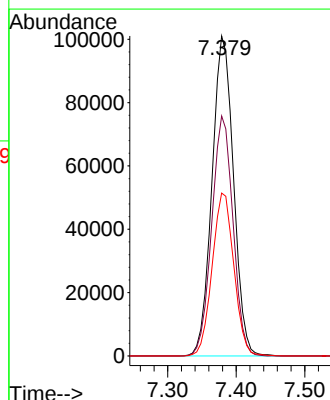
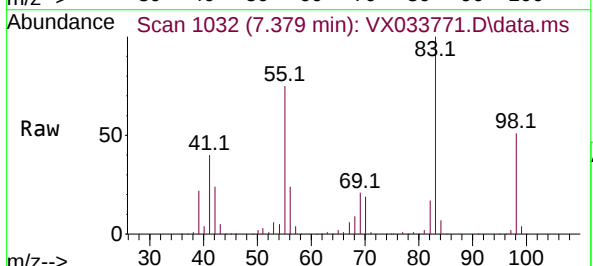
Tgt Ion: 83 Resp: 220362

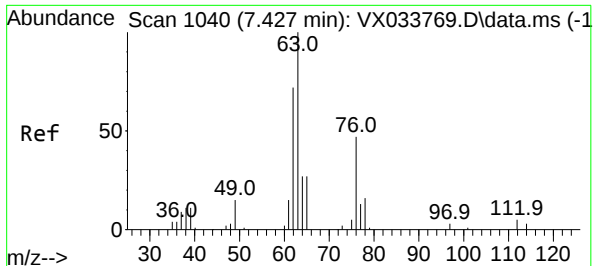
Ion Ratio Lower Upper

83 100

55 74.0 38.9 116.6

98 51.3 25.4 76.4





#39

1,2-Dichloropropane

Concen: 85.311 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

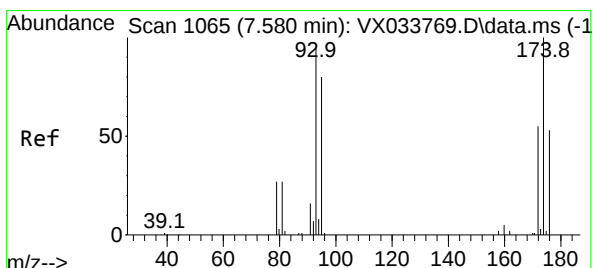
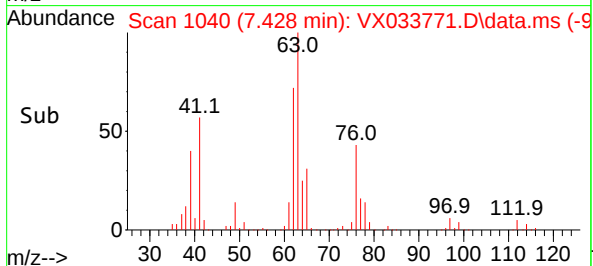
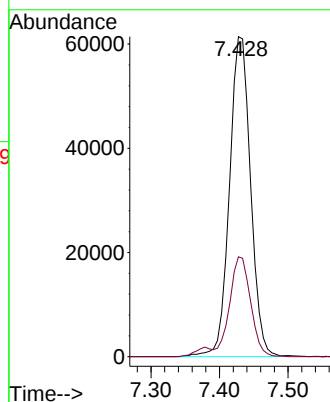
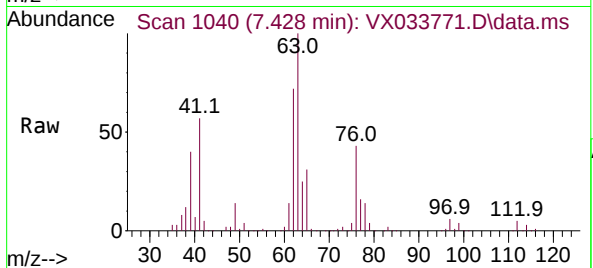
VSTDIC100

Tgt Ion: 63 Resp: 131516

Ion Ratio Lower Upper

63 100

65 31.1 23.6 35.4



#40

Dibromomethane

Concen: 84.345 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

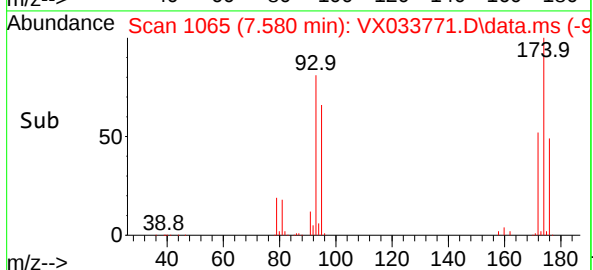
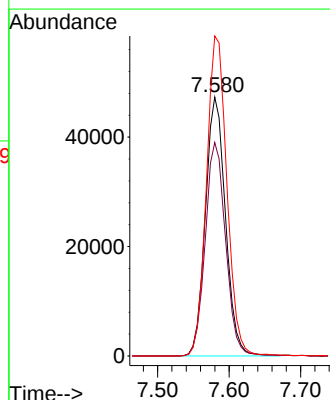
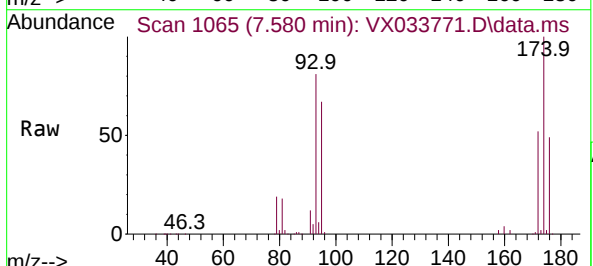
Tgt Ion: 93 Resp: 92422

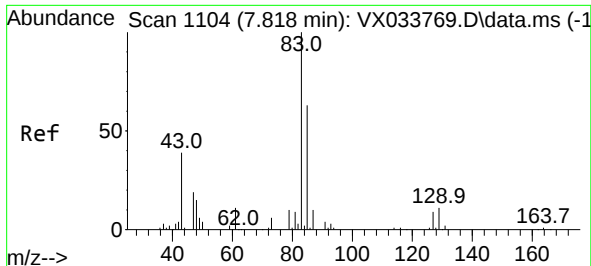
Ion Ratio Lower Upper

93 100

95 83.4 0.0 165.4

174 125.1 0.0 227.2

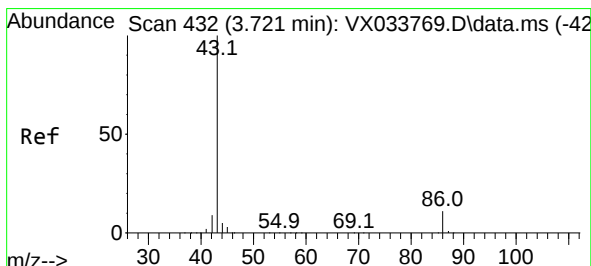
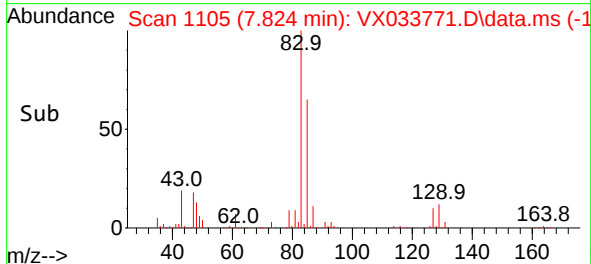
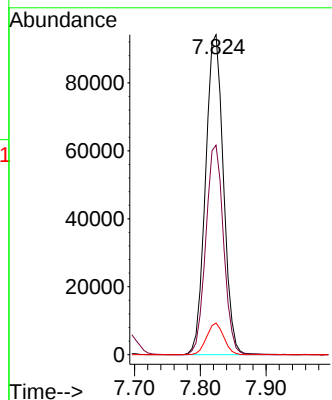
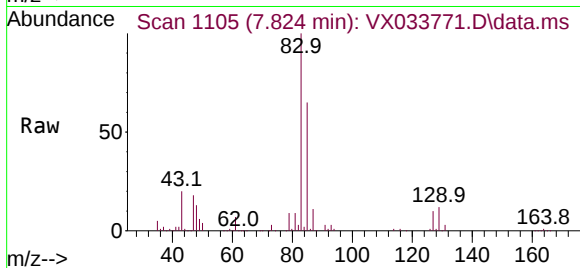




#41
Bromodichloromethane
Concen: 85.315 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

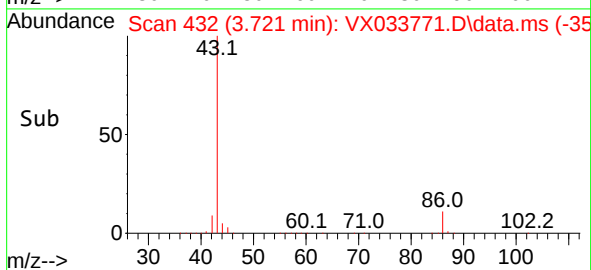
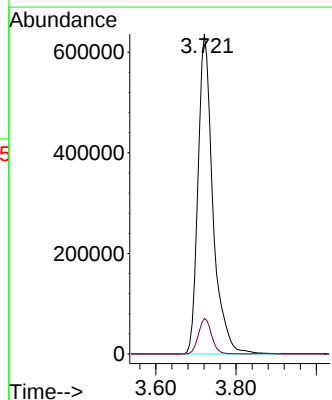
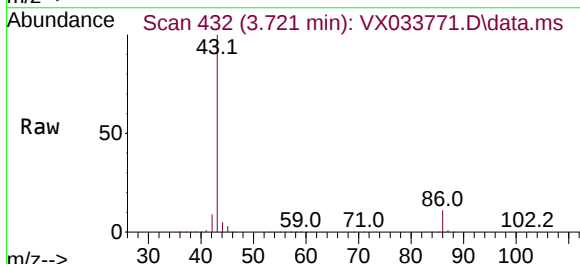
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

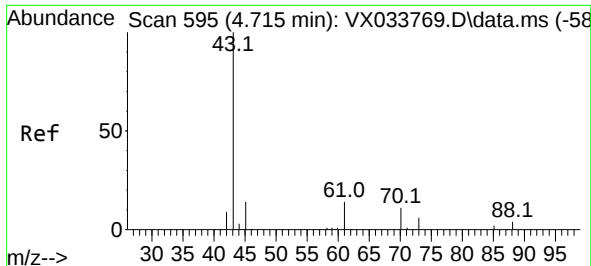
Tgt Ion: 83 Resp: 178362
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 9.9 7.2 10.8



#42
Vinyl Acetate
Concen: 415.480 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 43 Resp: 1636484
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3

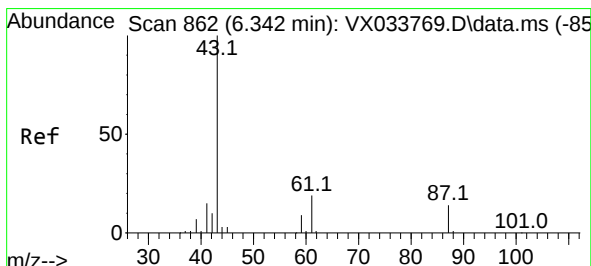
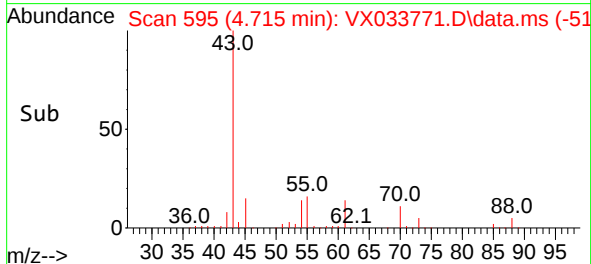
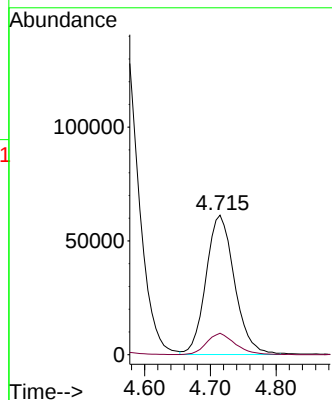
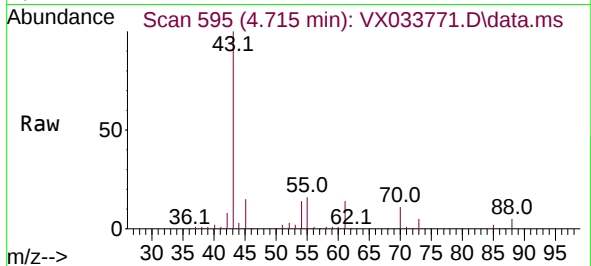




#43
Ethyl Acetate
Concen: 80.640 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

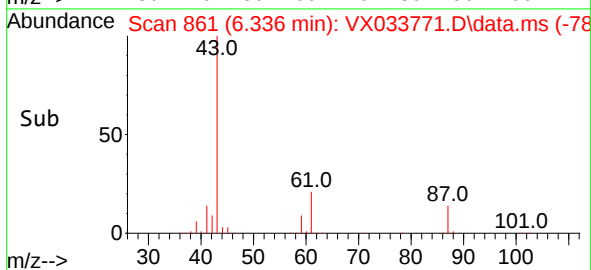
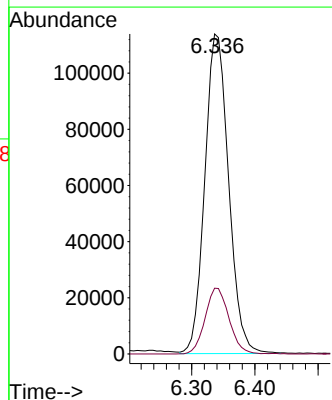
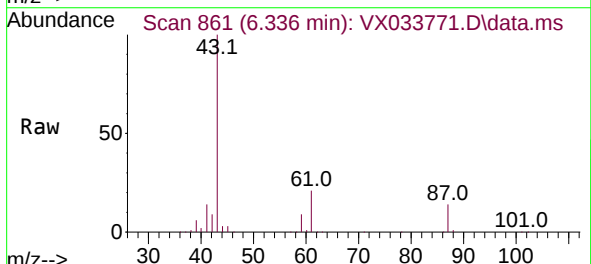
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

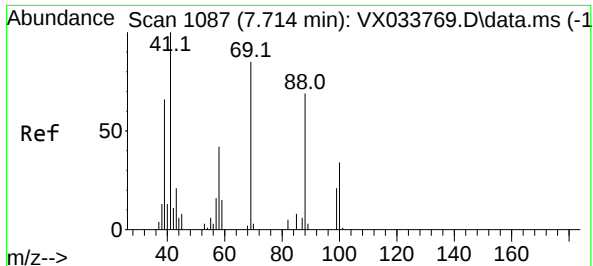
Tgt Ion: 43 Resp: 184790
Ion Ratio Lower Upper
43 100
45 15.5 12.1 18.1



#44
Isopropyl Acetate
Concen: 85.539 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 43 Resp: 298057
Ion Ratio Lower Upper
43 100
61 20.6 15.6 23.4





#45

1,4-Dioxane

Concen: 1724.684 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.012 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

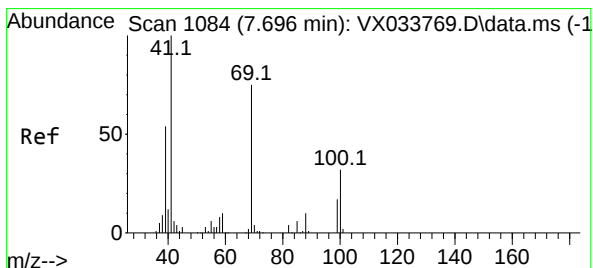
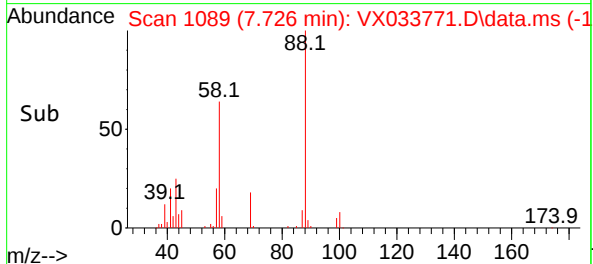
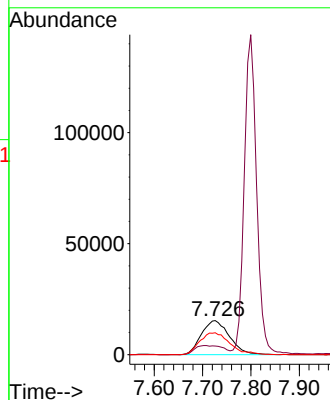
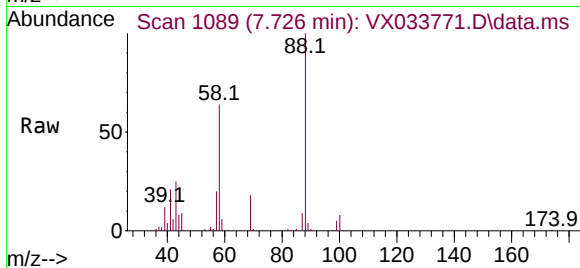
Tgt Ion: 88 Resp: 62108

Ion Ratio Lower Upper

88 100

43 14.5 2.8 4.2#

58 69.0 56.5 84.7



#46

Methyl methacrylate

Concen: 86.019 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

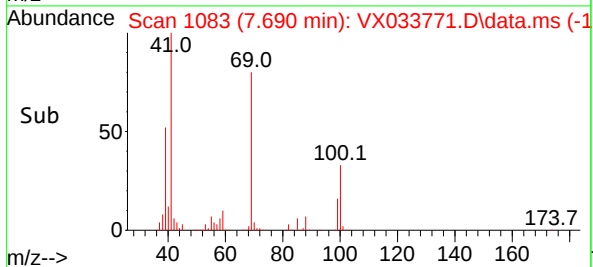
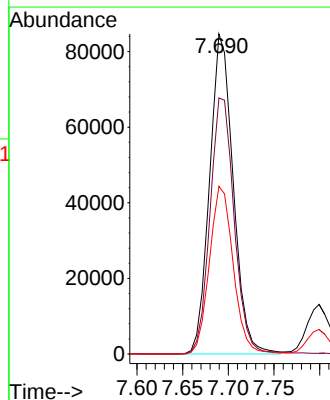
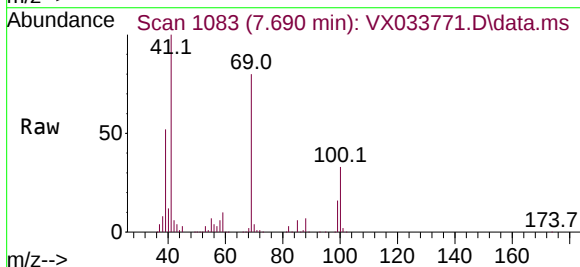
Tgt Ion: 41 Resp: 152190

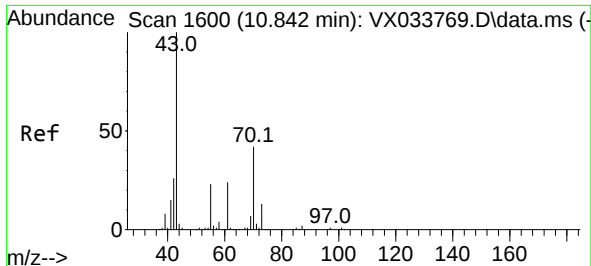
Ion Ratio Lower Upper

41 100

69 80.0 37.4 112.2

39 52.4 27.2 81.5

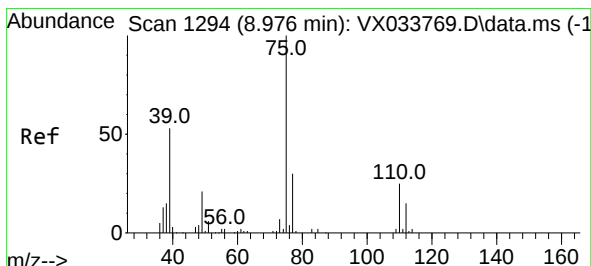
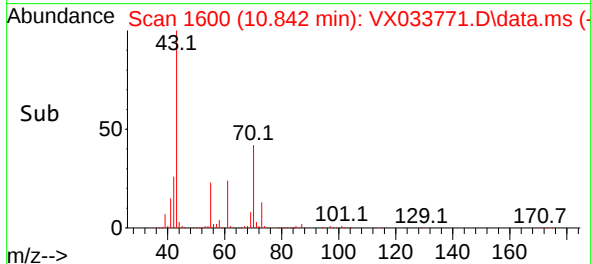
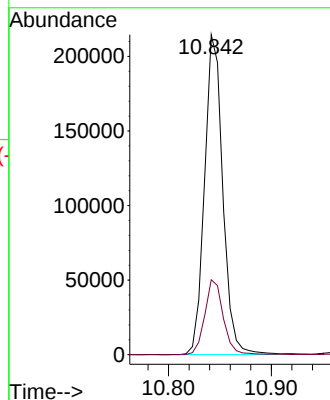
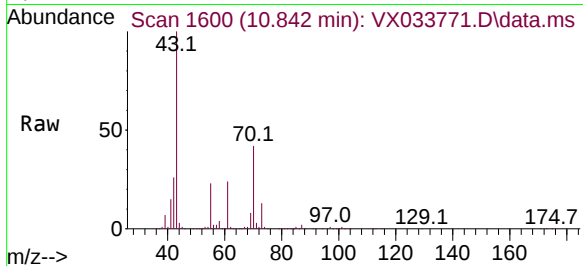




#47
n-amy1 Acetate
Concen: 90.061 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

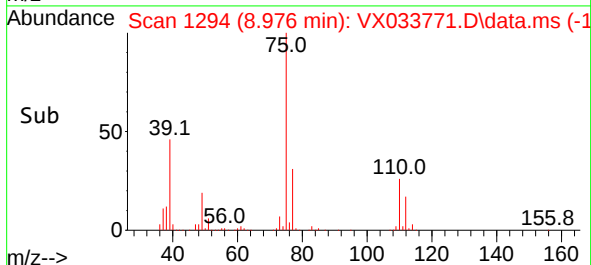
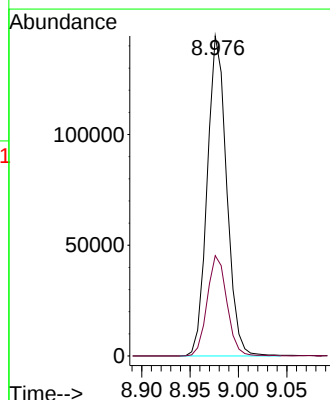
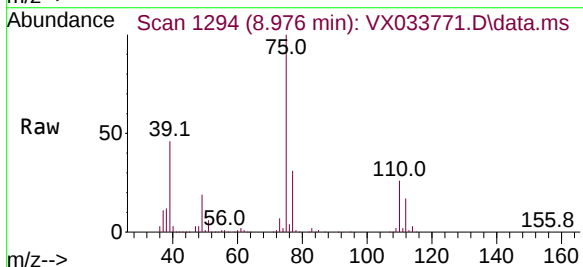
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

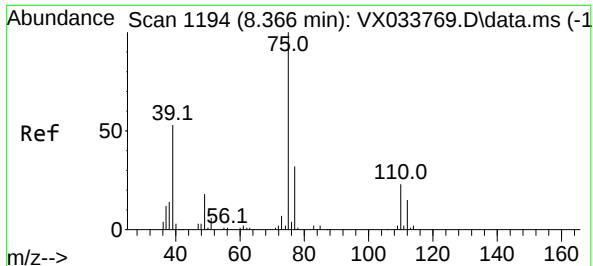
Tgt Ion: 43 Resp: 264724
Ion Ratio Lower Upper
43 100
55 23.9 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 91.944 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 75 Resp: 202509
Ion Ratio Lower Upper
75 100
77 31.4 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 89.389 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

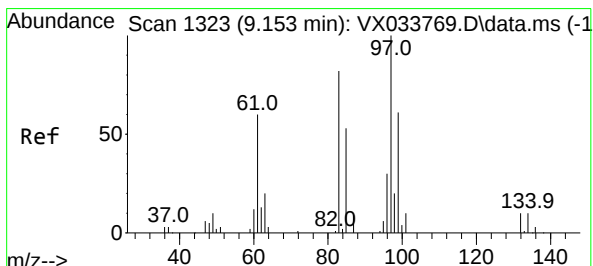
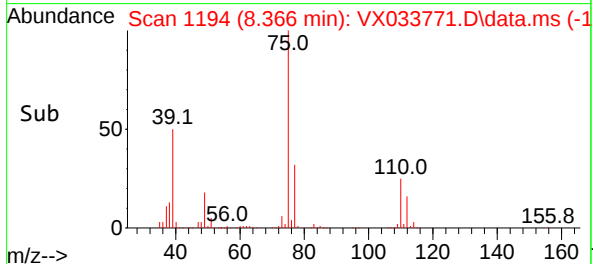
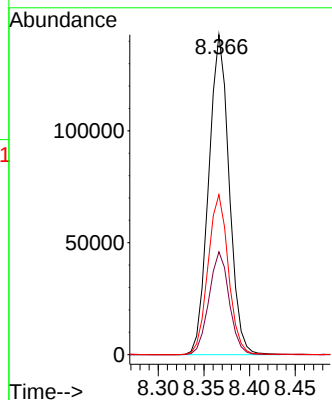
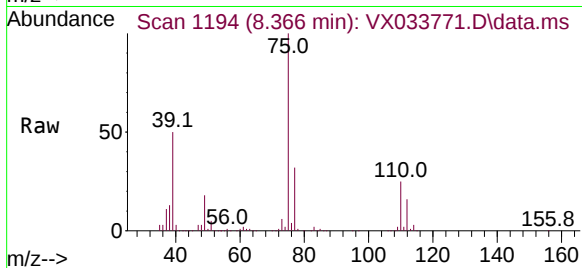
Tgt Ion: 75 Resp: 222240

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

39 50.0 42.2 63.2



#50

1,1,2-Trichloroethane

Concen: 85.979 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Tgt Ion: 97 Resp: 139757

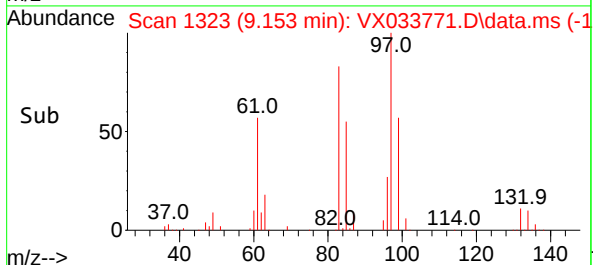
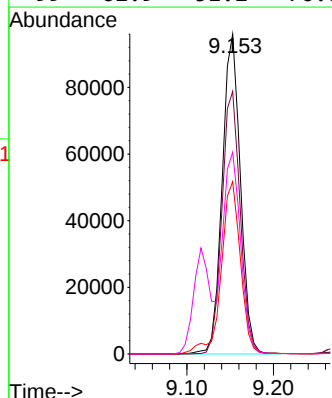
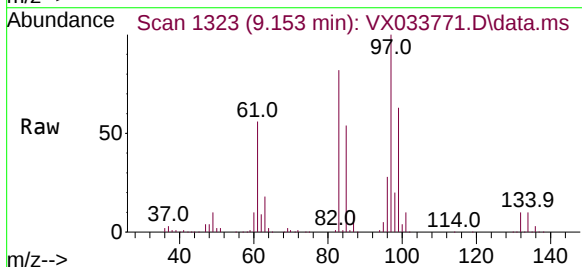
Ion Ratio Lower Upper

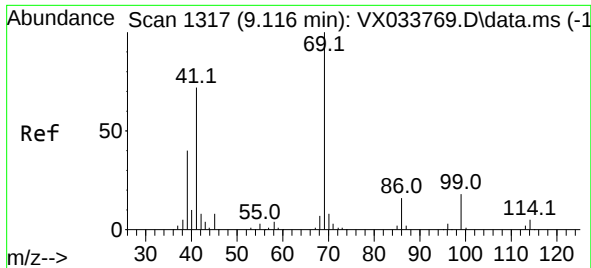
97 100

83 82.1 65.4 98.0

85 53.8 42.5 63.7

99 62.9 51.2 76.8

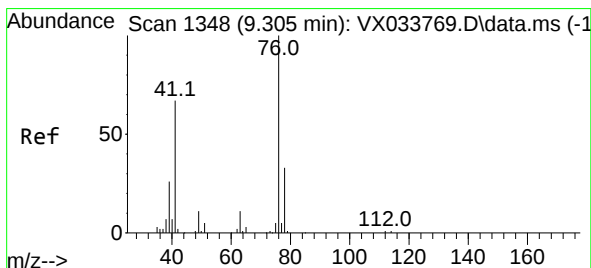
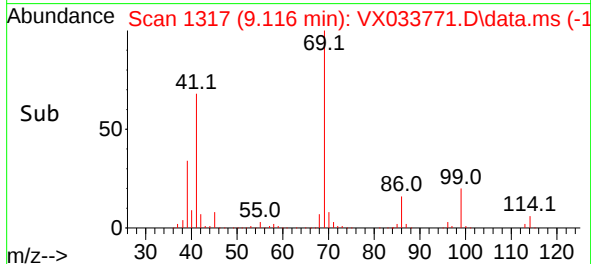
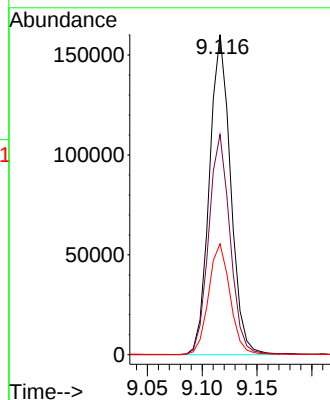
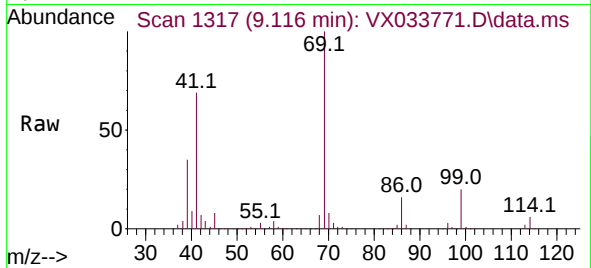




#51
Ethyl methacrylate
Concen: 89.695 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

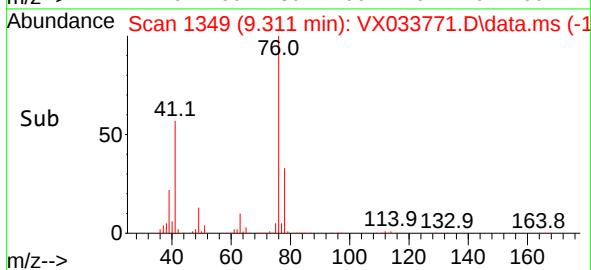
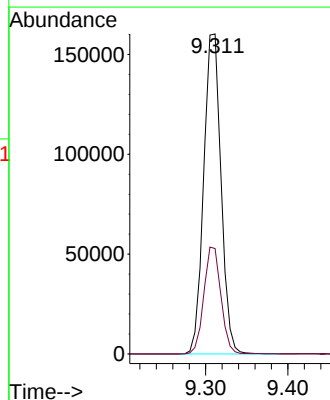
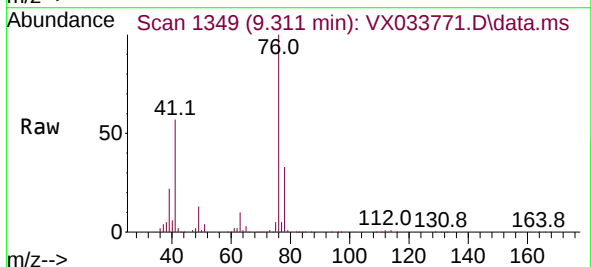
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

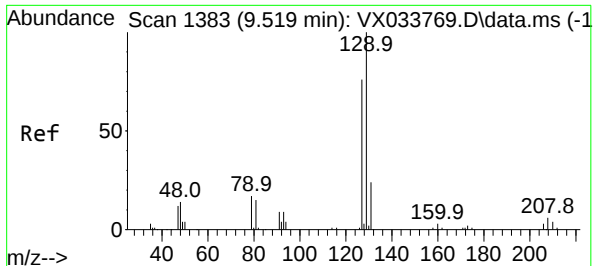
Tgt Ion: 69 Resp: 216008
Ion Ratio Lower Upper
69 100
41 68.7 35.8 107.3
39 34.5 20.2 60.6



#52
1,3-Dichloropropane
Concen: 85.852 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 76 Resp: 235182
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.6

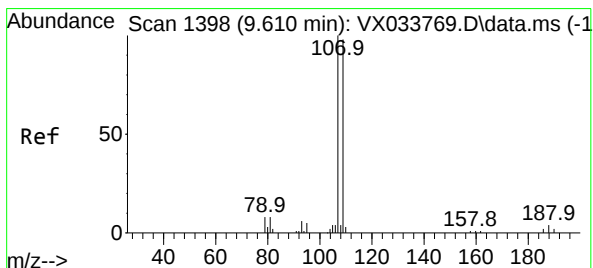
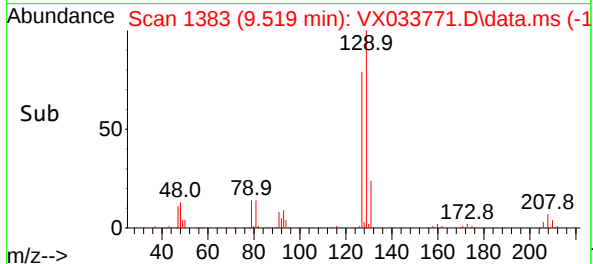
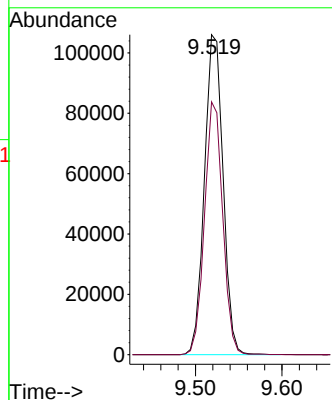
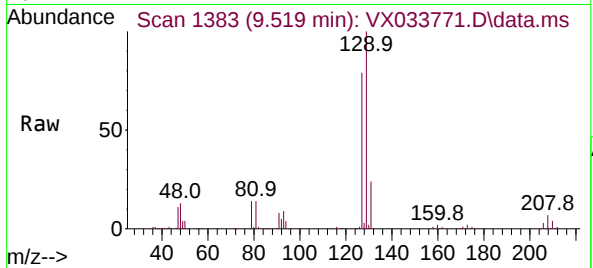




#53
Dibromochloromethane
Concen: 89.346 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

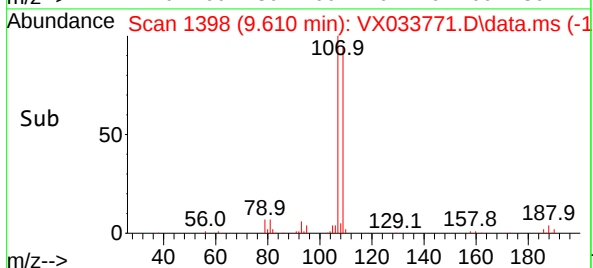
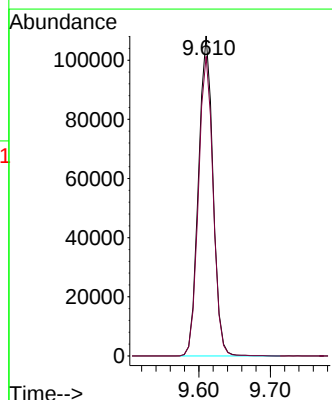
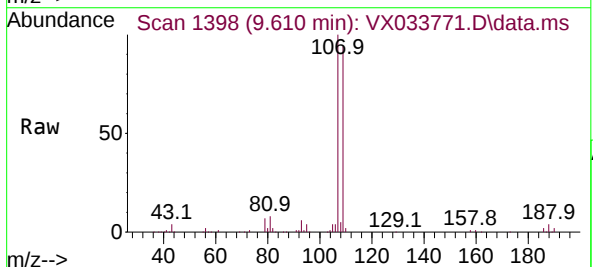
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

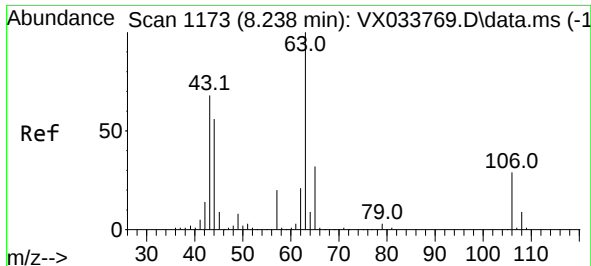
Tgt Ion:129 Resp: 158619
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0



#54
1,2-Dibromoethane
Concen: 86.660 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion:107 Resp: 152166
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 467.385 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

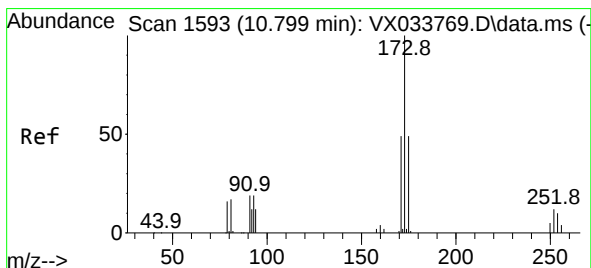
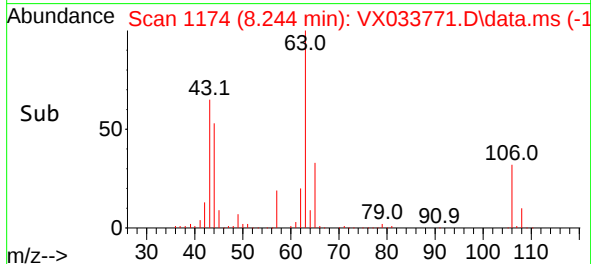
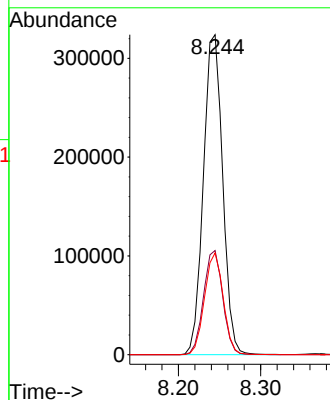
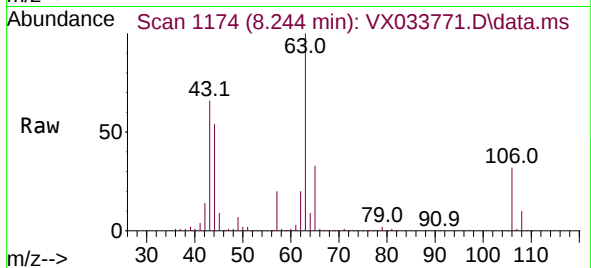
Tgt Ion: 63 Resp: 528457

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.2

106 30.9 23.9 35.9



#56

Bromoform

Concen: 91.290 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

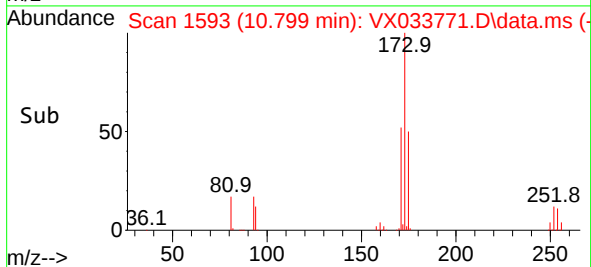
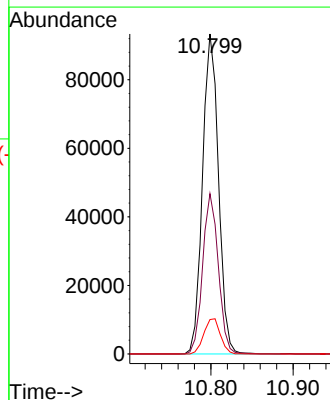
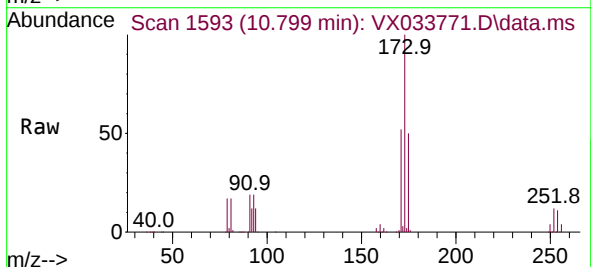
Tgt Ion: 173 Resp: 125784

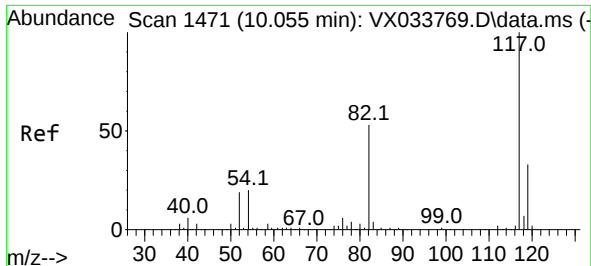
Ion Ratio Lower Upper

173 100

175 49.2 39.8 59.6

254 11.4 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

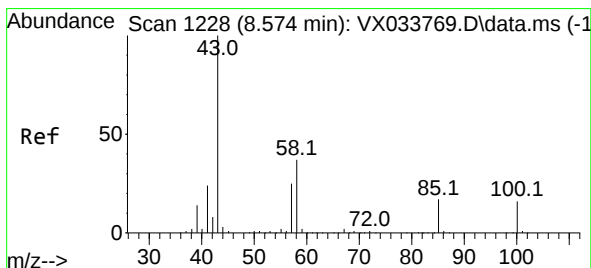
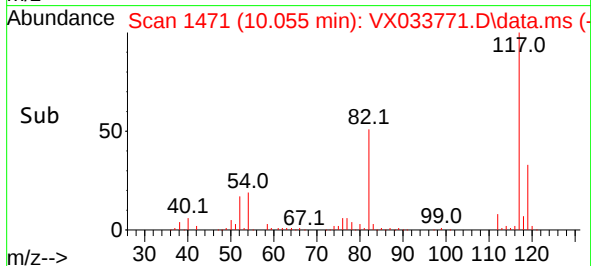
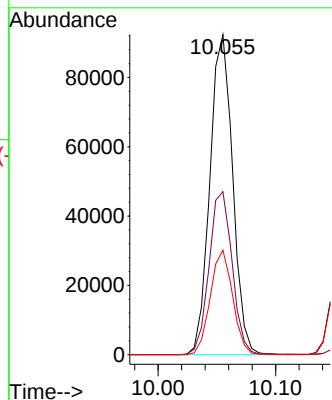
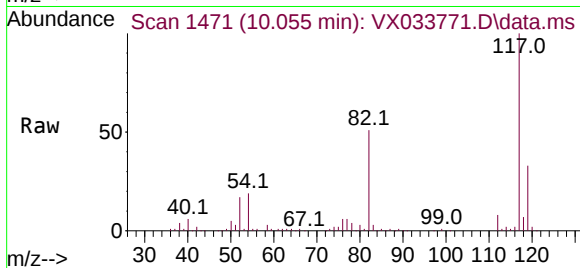
Tgt Ion:117 Resp: 124457

Ion Ratio Lower Upper

117 100

82 51.6 42.6 64.0

119 32.0 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 427.426 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

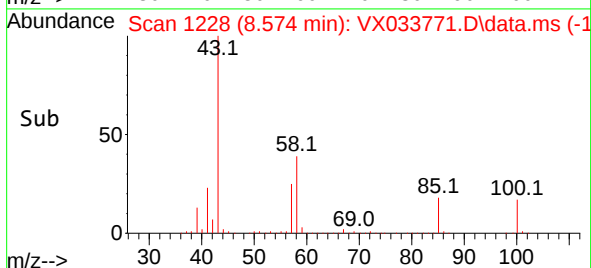
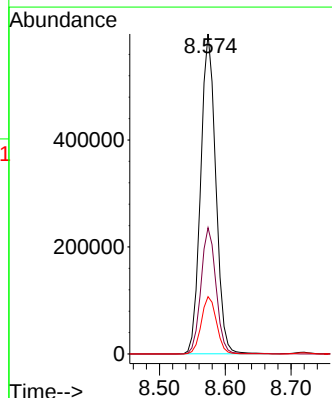
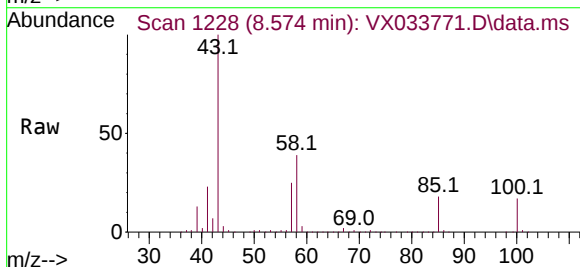
Tgt Ion: 43 Resp: 956181

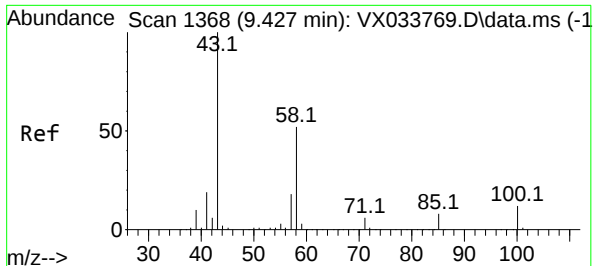
Ion Ratio Lower Upper

43 100

58 39.1 29.8 44.6

85 18.0 13.7 20.5





#59

2-Hexanone

Concen: 428.322 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

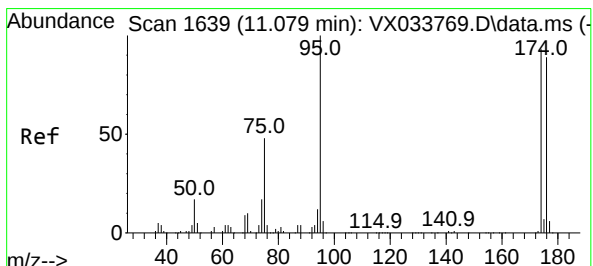
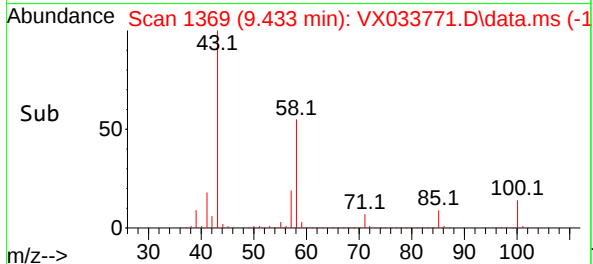
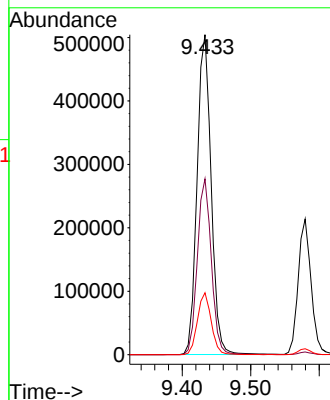
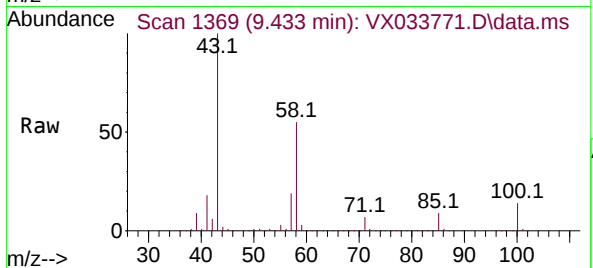
Tgt Ion: 43 Resp: 719945

Ion Ratio Lower Upper

43 100

58 54.7 41.6 62.4

57 19.0 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 29.665 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

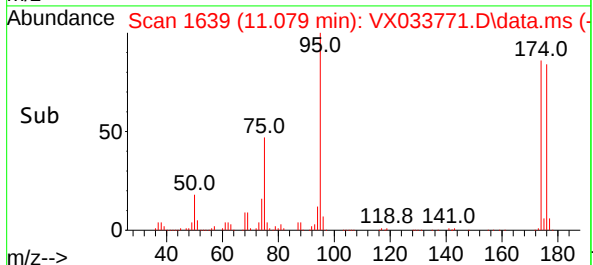
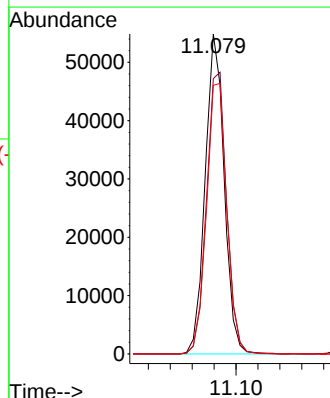
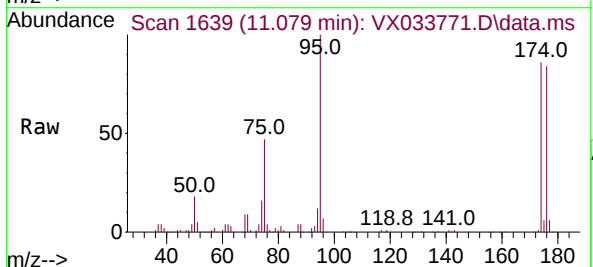
Tgt Ion: 95 Resp: 66003

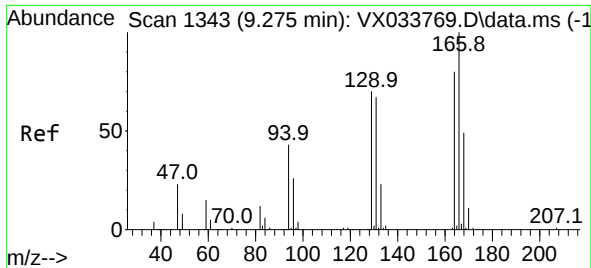
Ion Ratio Lower Upper

95 100

174 93.3 74.6 111.8

176 90.6 72.2 108.2

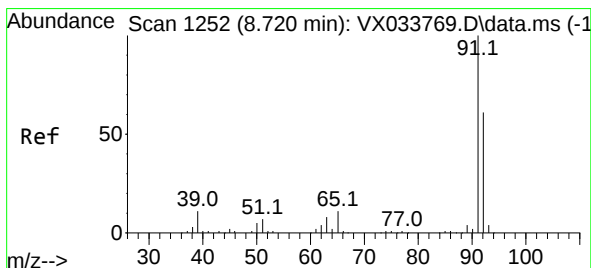
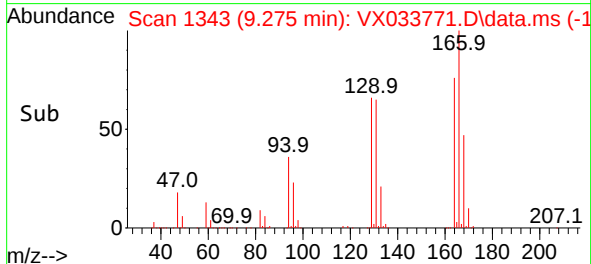
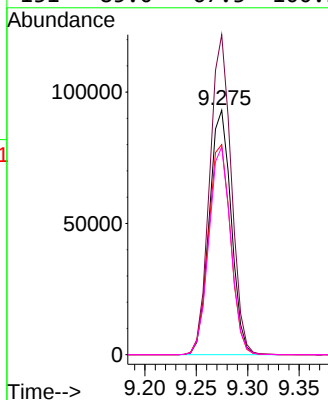
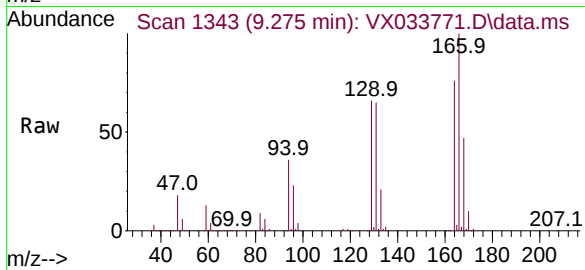




#61
Tetrachloroethene
Concen: 84.139 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

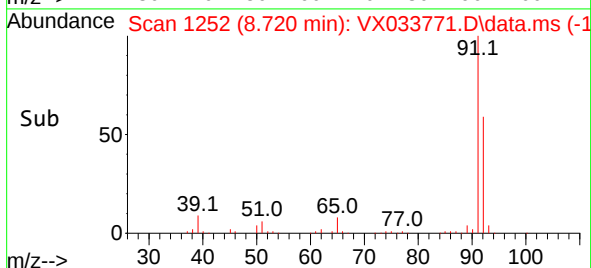
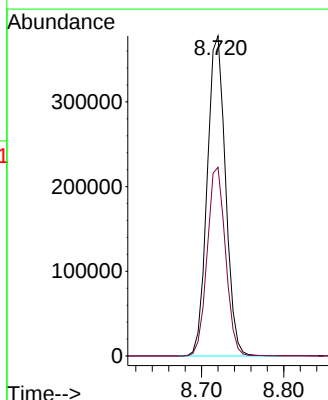
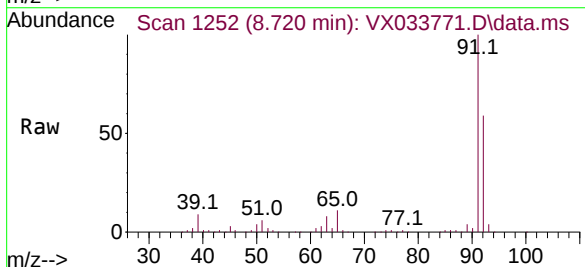
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

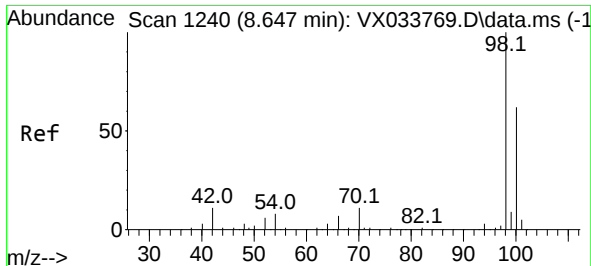
Tgt Ion:164 Resp: 137891
Ion Ratio Lower Upper
164 100
166 130.9 100.6 151.0
129 86.0 69.9 104.9
131 85.0 67.3 100.9



#62
Toluene
Concen: 83.861 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 91 Resp: 583809
Ion Ratio Lower Upper
91 100
92 59.0 47.5 71.3

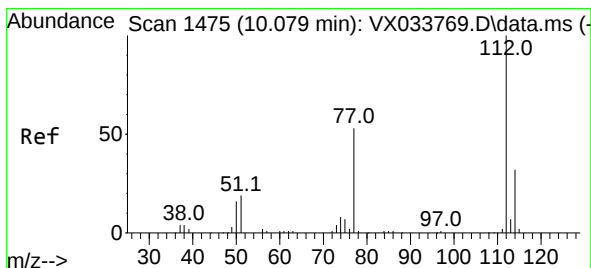
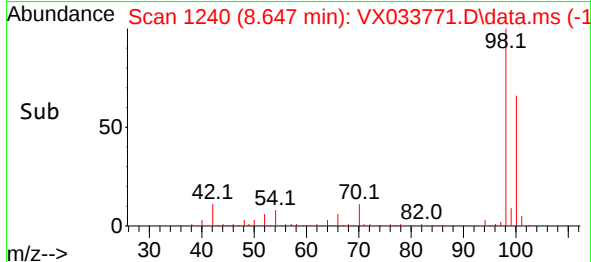
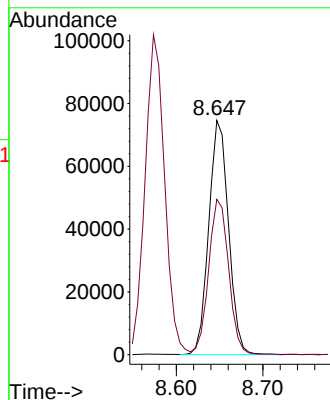
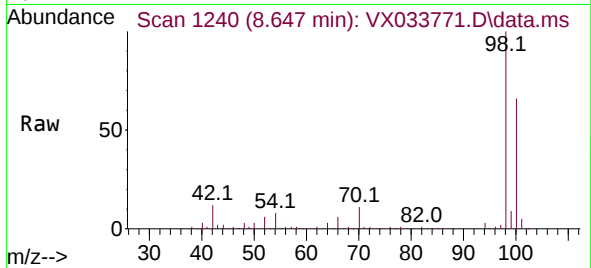




#63
Toluene-d8
Concen: 29.780 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

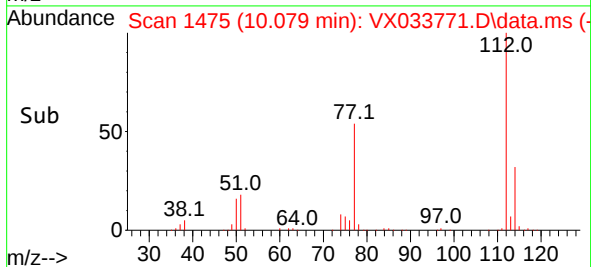
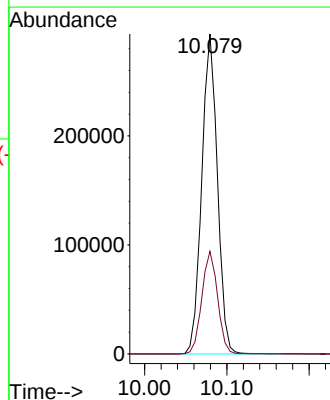
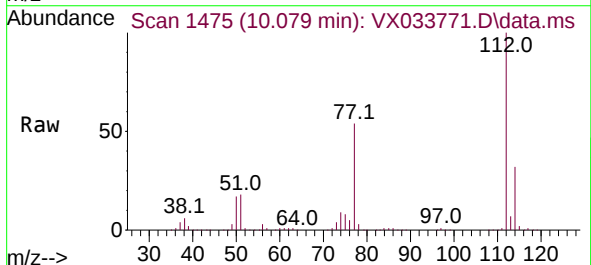
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

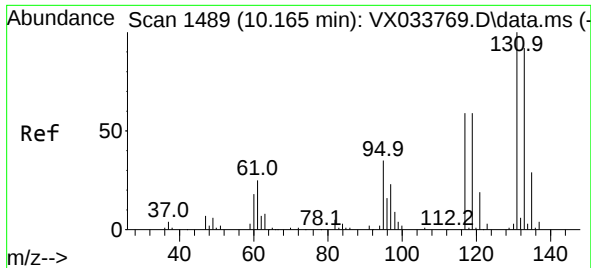
Tgt Ion: 98 Resp: 118249
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1



#64
Chlorobenzene
Concen: 83.542 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 112 Resp: 387725
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

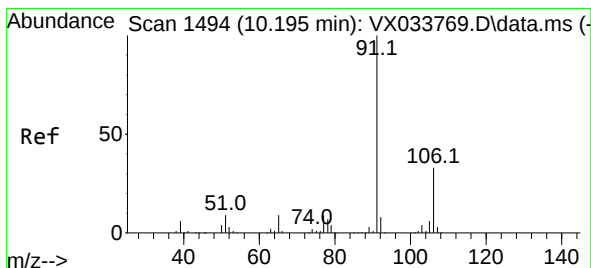
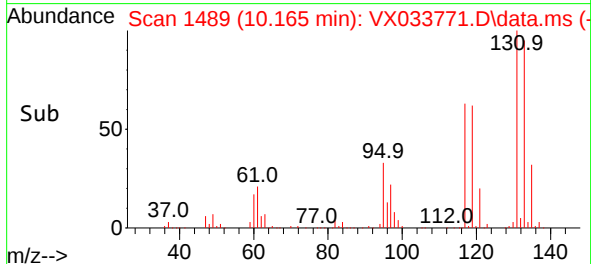
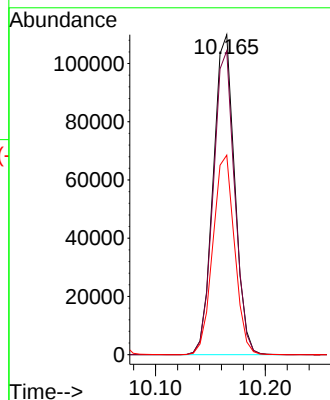
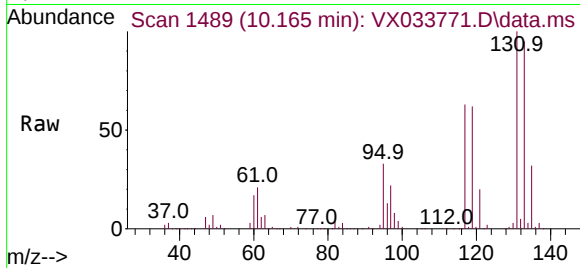




#65
1,1,1,2-Tetrachloroethane
Concen: 86.293 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

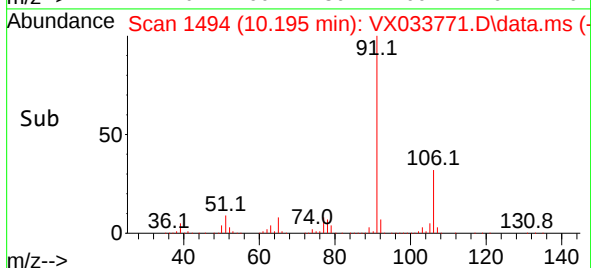
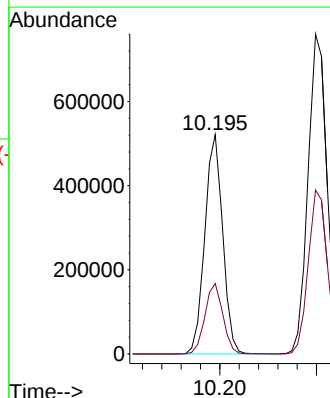
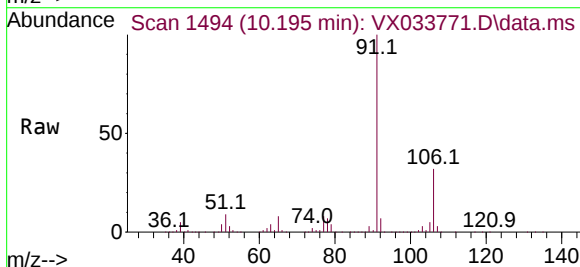
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

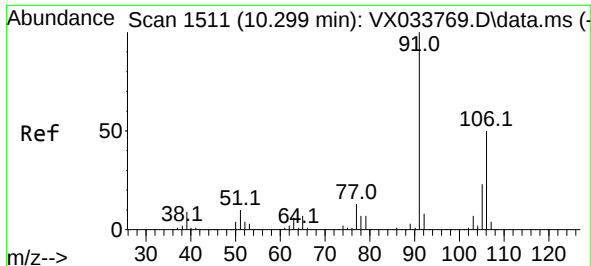
Tgt Ion:131 Resp: 149129
Ion Ratio Lower Upper
131 100
133 94.9 0.0 188.8
119 63.2 0.0 123.4



#66
Ethyl Benzene
Concen: 84.191 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 91 Resp: 670763
Ion Ratio Lower Upper
91 100
106 32.1 26.7 40.1





#67

m/p-Xylenes

Concen: 167.759 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

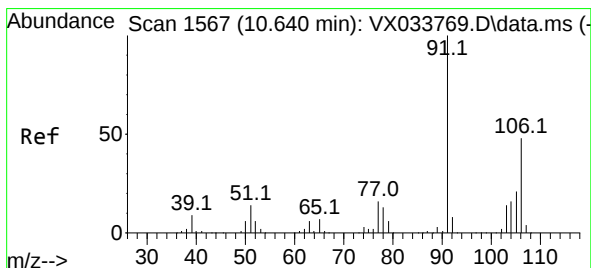
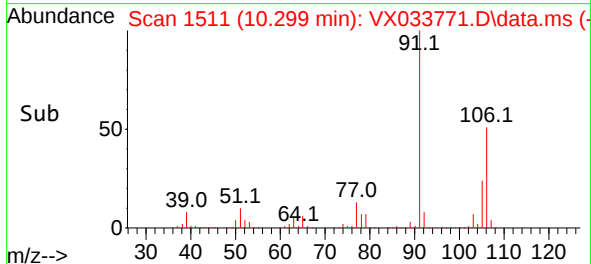
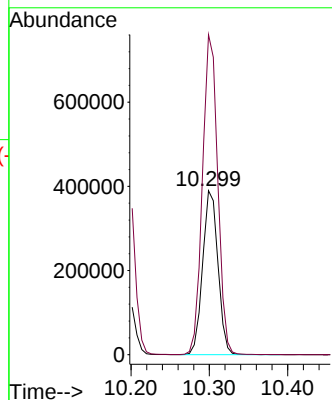
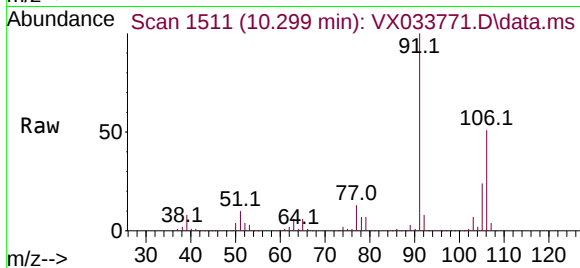
VSTDIC100

Tgt Ion:106 Resp: 527821

Ion Ratio Lower Upper

106 100

91 195.1 159.7 239.5



#68

o-Xylene

Concen: 84.085 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033771.D

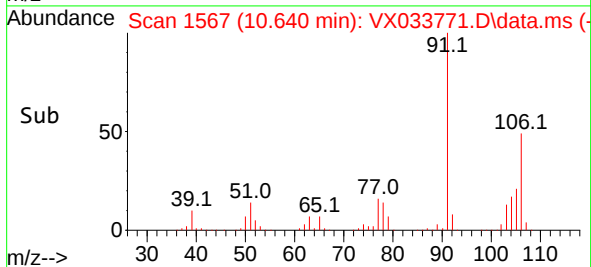
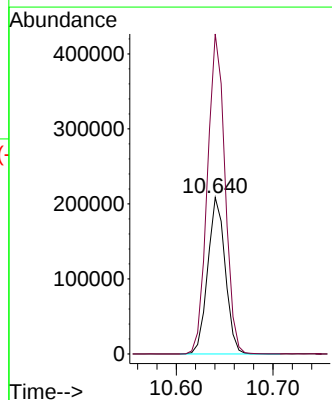
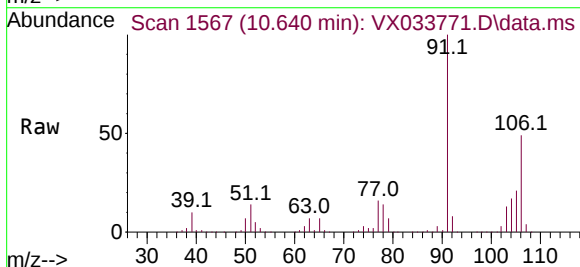
Acq: 18 Jan 2023 13:47

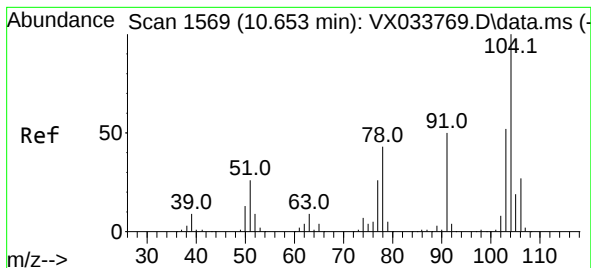
Tgt Ion:106 Resp: 262349

Ion Ratio Lower Upper

106 100

91 205.9 102.8 308.5





#69

Styrene

Concen: 84.720 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

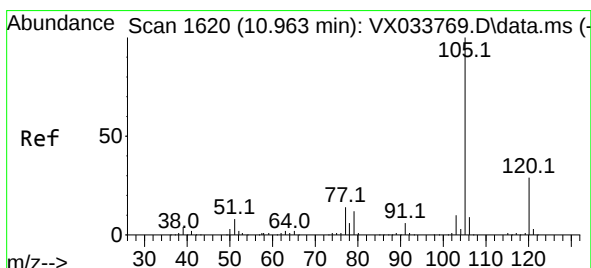
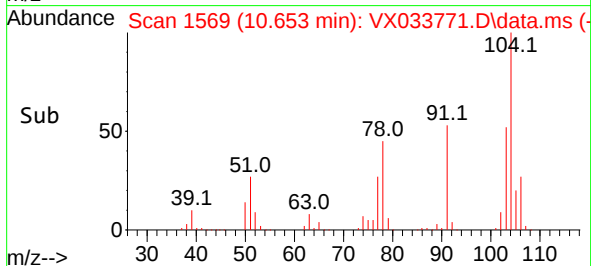
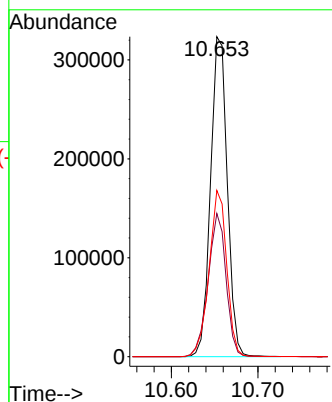
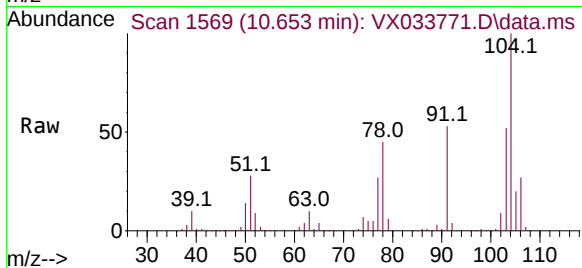
Tgt Ion:104 Resp: 434798

Ion Ratio Lower Upper

104 100

78 47.8 37.6 56.4

103 54.8 44.2 66.4



#70

Isopropylbenzene

Concen: 82.864 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033771.D

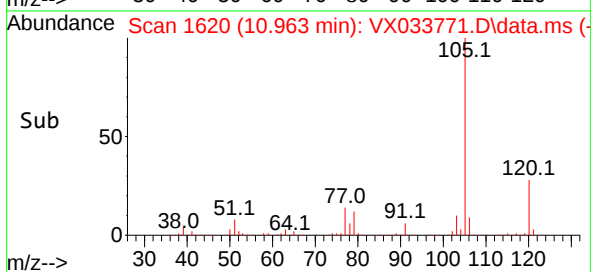
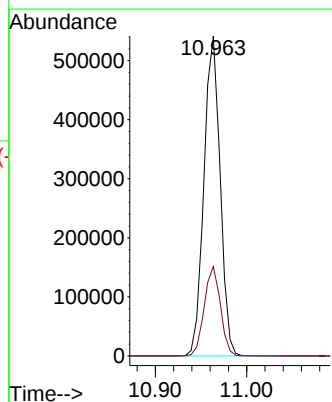
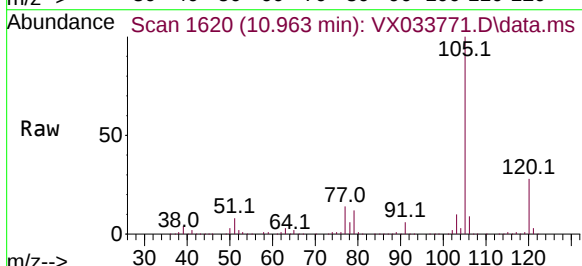
Acq: 18 Jan 2023 13:47

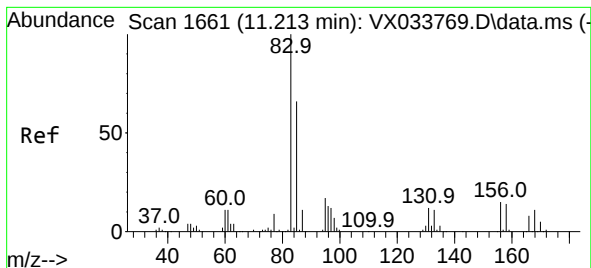
Tgt Ion:105 Resp: 665965

Ion Ratio Lower Upper

105 100

120 27.8 19.7 36.5

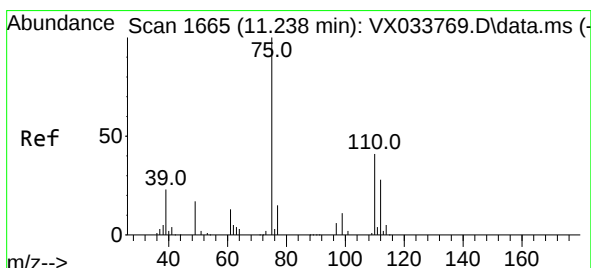
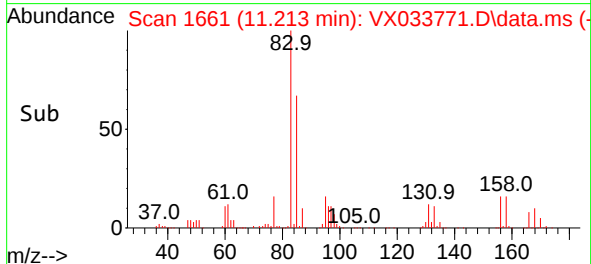
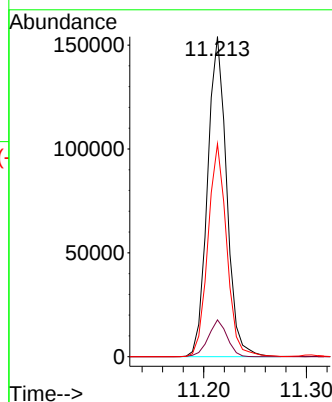
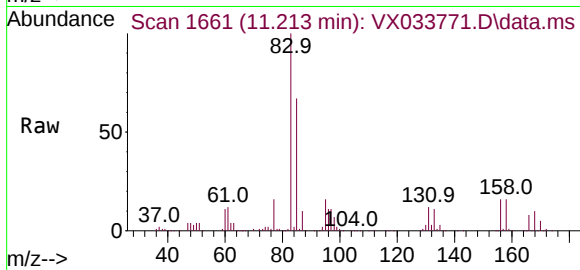




#71
1,1,2-Tetrachloroethane
Concen: 82.731 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

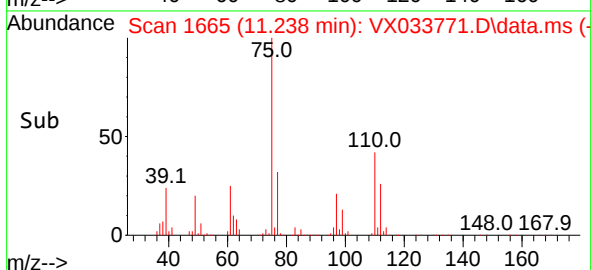
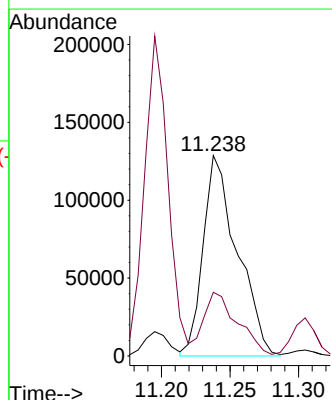
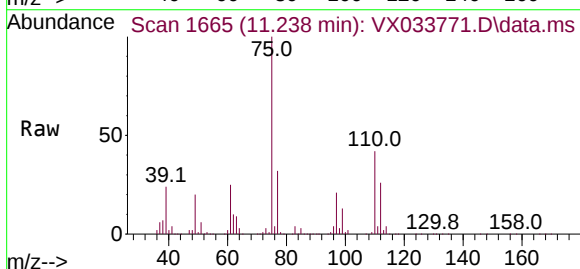
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

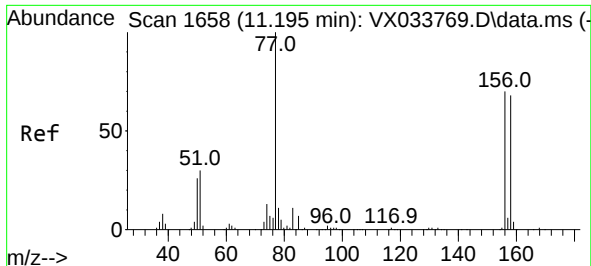
Tgt Ion: 83 Resp: 199359
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 65.2 33.3 99.8



#72
1,2,3-Trichloropropane
Concen: 101.760 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 75 Resp: 223424
Ion Ratio Lower Upper
75 100
77 31.8 0.0 75.6

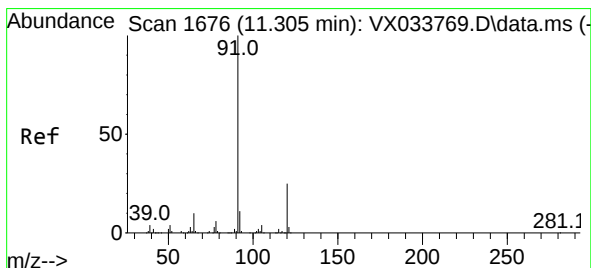
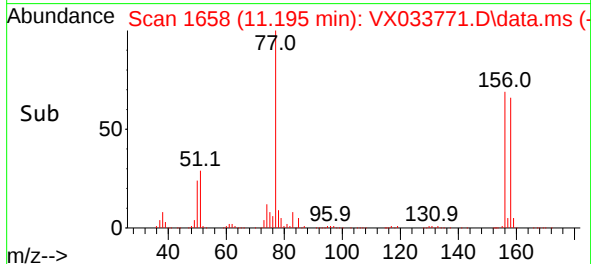
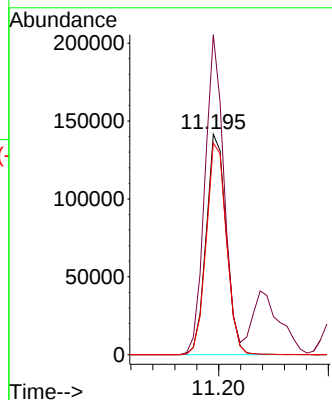
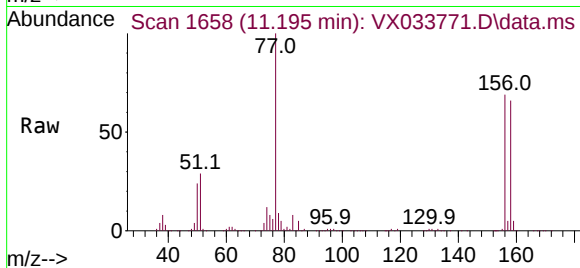




#73
Bromobenzene
Concen: 82.591 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

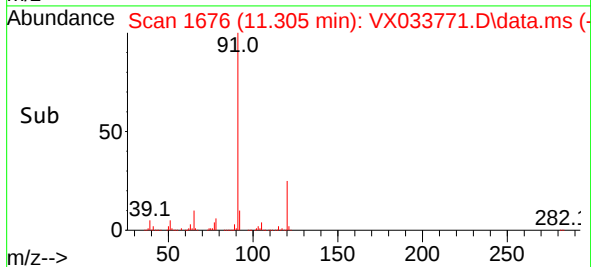
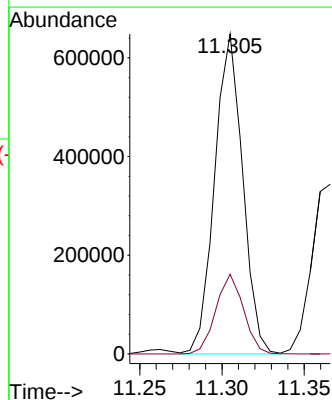
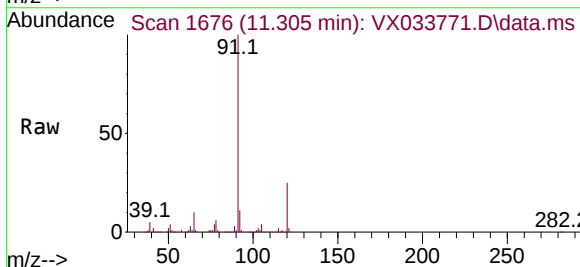
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

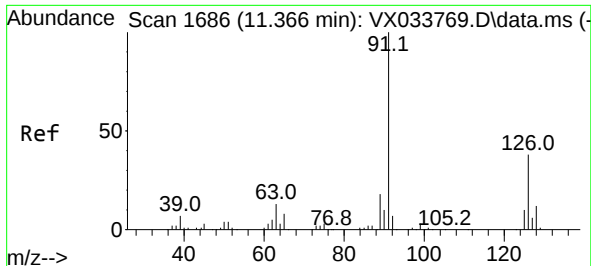
Tgt Ion:156 Resp: 179761
Ion Ratio Lower Upper
156 100
77 137.5 0.0 269.4
158 96.9 0.0 192.6



#74
n-propylbenzene
Concen: 84.116 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 91 Resp: 767941
Ion Ratio Lower Upper
91 100
120 24.6 0.0 48.8

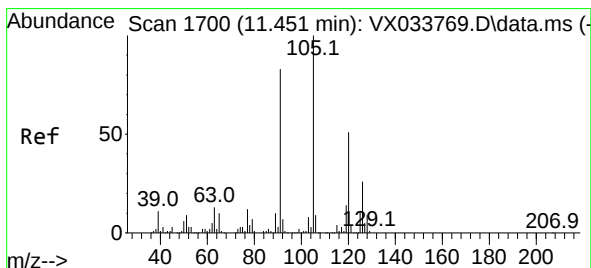
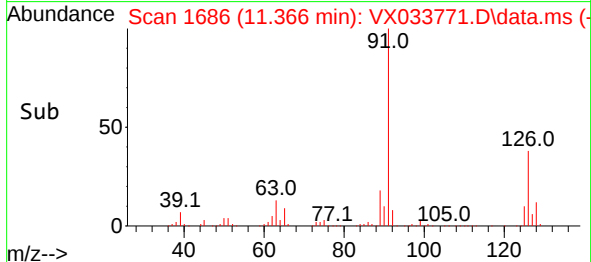
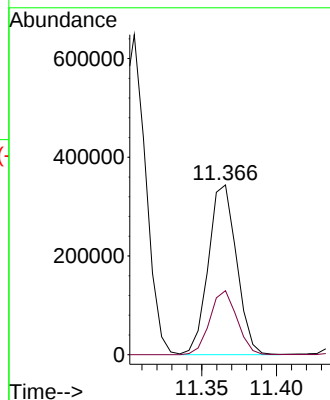
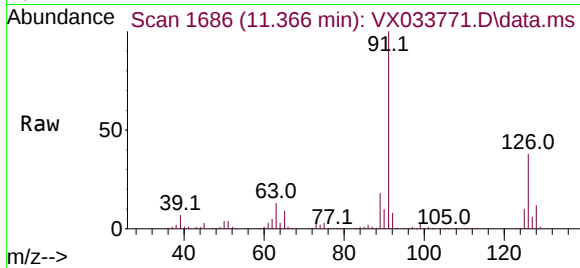




#75
2-Chlorotoluene
Concen: 83.168 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

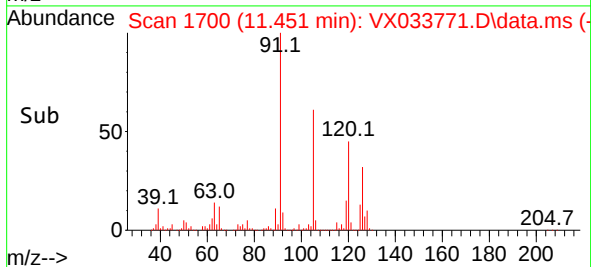
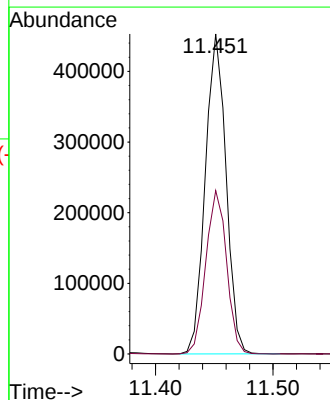
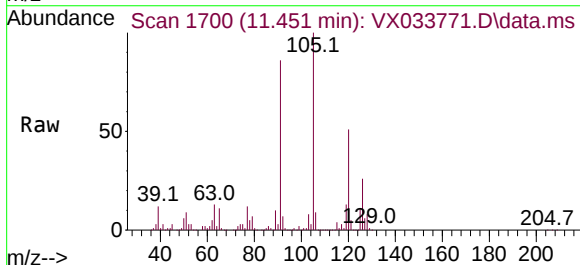
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

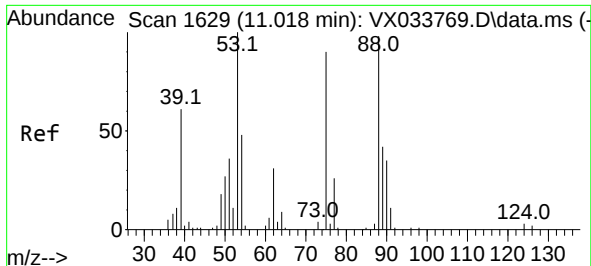
Tgt Ion: 91 Resp: 451666
Ion Ratio Lower Upper
91 100
126 36.1 0.0 73.0



#76
1,3,5-Trimethylbenzene
Concen: 83.309 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 105 Resp: 555257
Ion Ratio Lower Upper
105 100
120 51.2 0.0 102.2

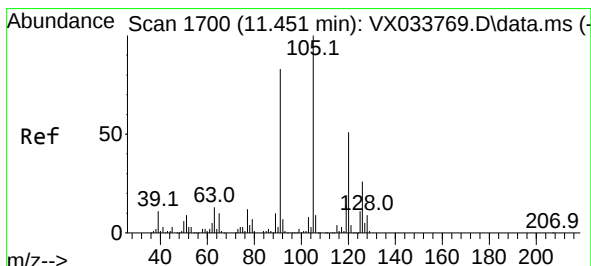
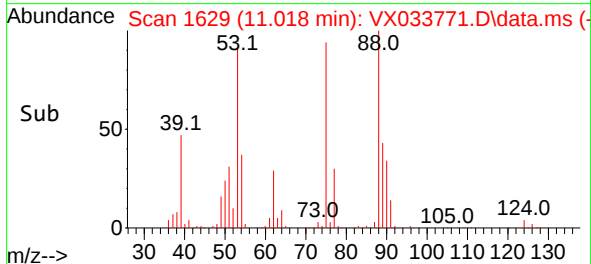
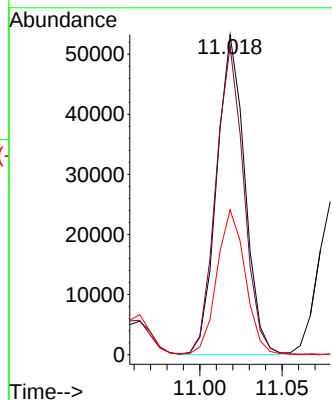
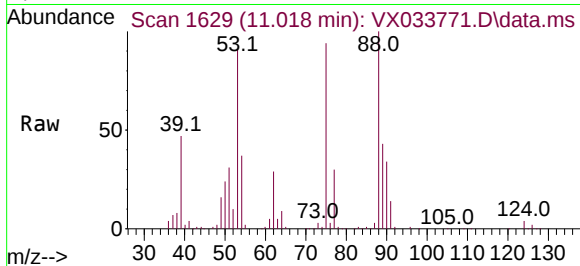




#77
t-1,4-Dichloro-2-butene
Concen: 93.388 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

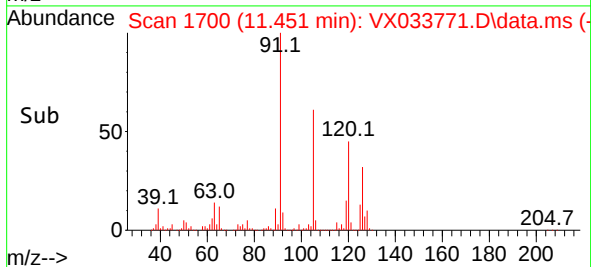
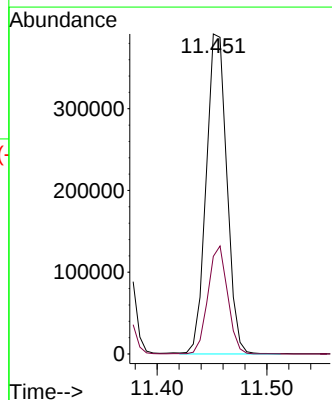
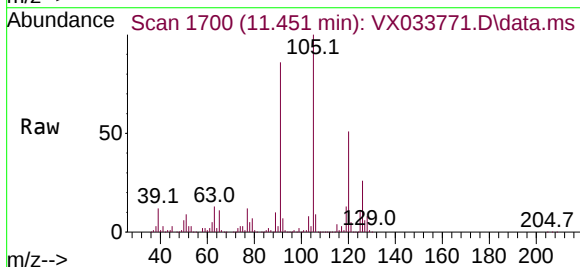
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

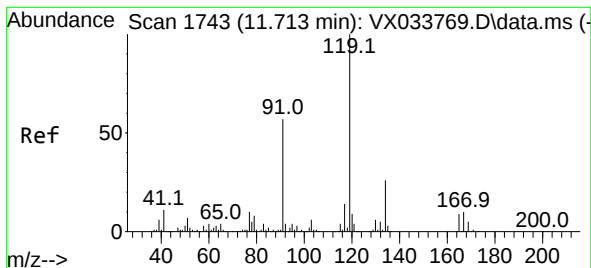
Tgt Ion:	75	Resp:	63001
Ion	Ratio	Lower	Upper
75	100		
53	96.3	55.5	166.3
89	45.1	23.3	69.8



#78
4-Chlorotoluene
Concen: 83.690 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion:	91	Resp:	511317
Ion	Ratio	Lower	Upper
91	100		
126	31.9	0.0	65.2





#79

tert-butylbenzene

Concen: 83.882 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

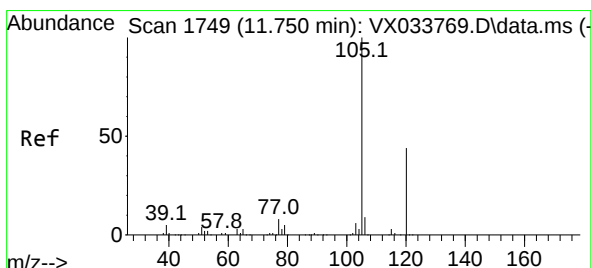
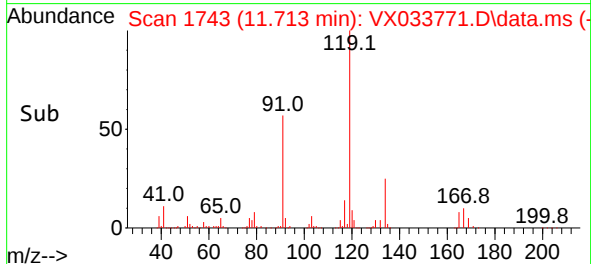
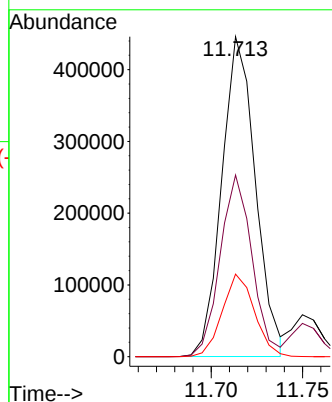
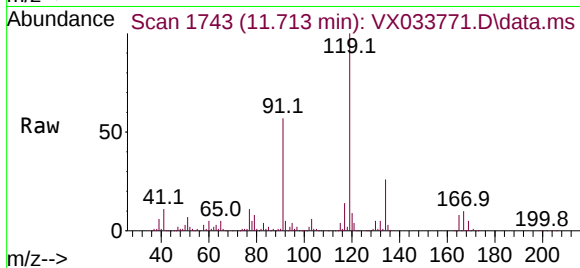
Tgt Ion:119 Resp: 572233

Ion Ratio Lower Upper

119 100

91 54.1 0.0 108.4

134 24.7 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 83.664 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033771.D

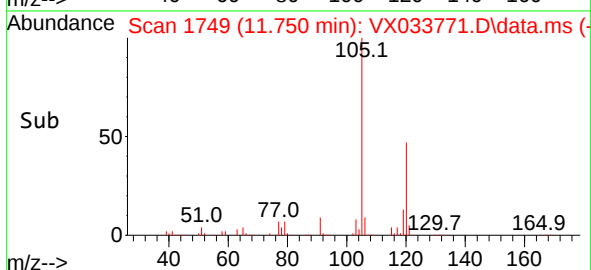
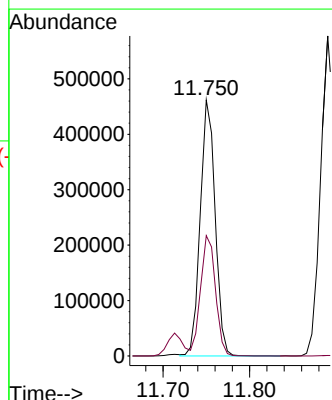
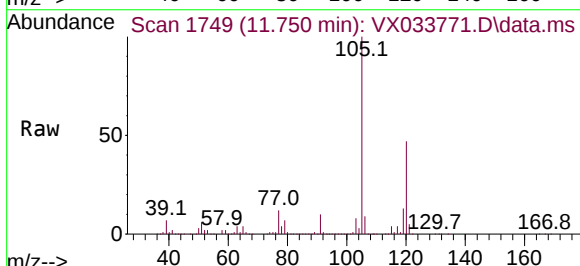
Acq: 18 Jan 2023 13:47

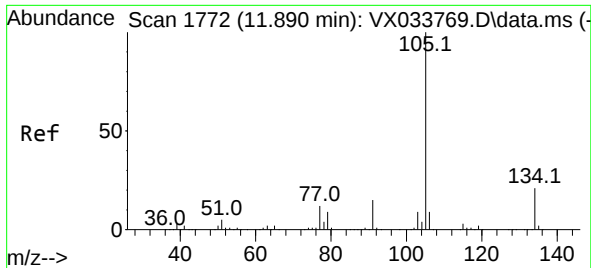
Tgt Ion:105 Resp: 552853

Ion Ratio Lower Upper

105 100

120 46.9 0.0 93.4

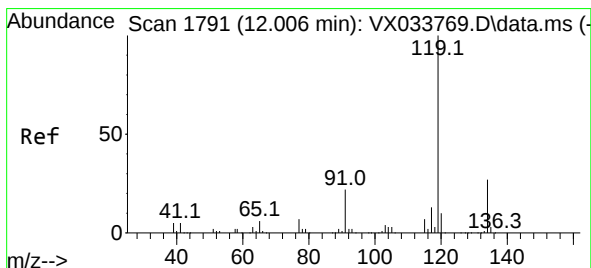
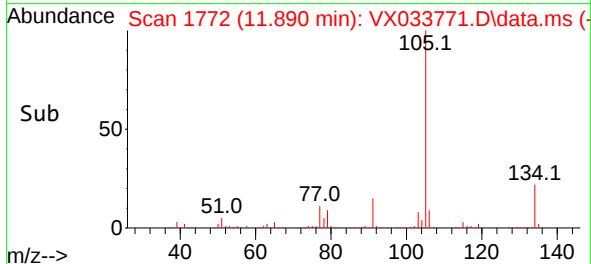
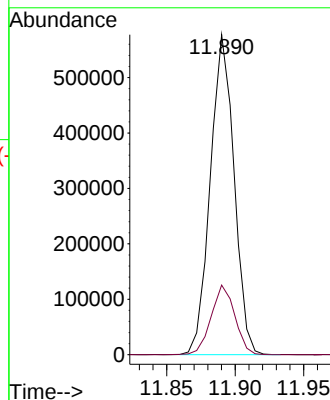
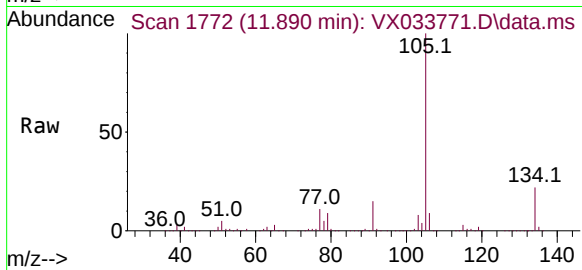




#81
 sec-Butylbenzene
 Concen: 83.807 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

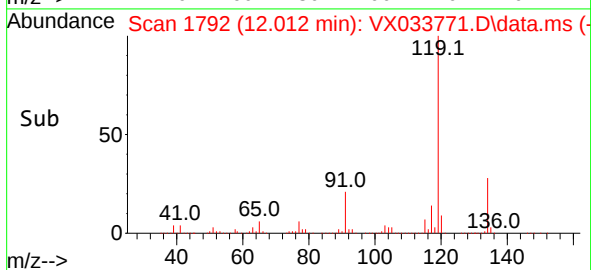
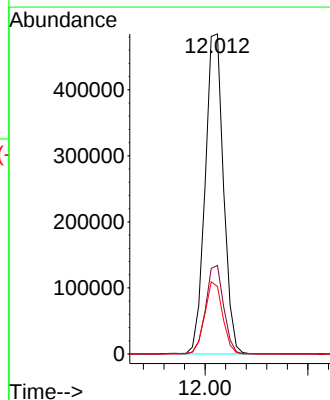
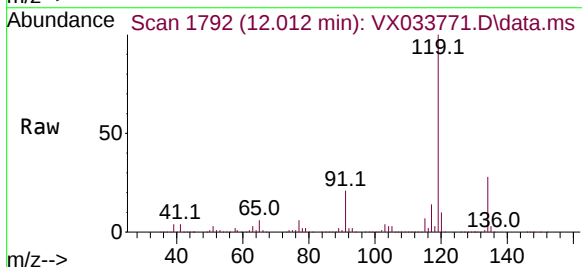
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

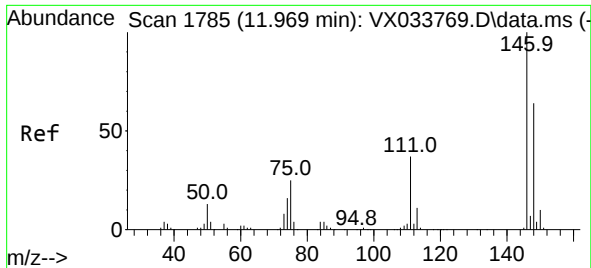
Tgt Ion:105 Resp: 695689
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.8



#82
 p-Isopropyltoluene
 Concen: 83.405 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

Tgt Ion:119 Resp: 599746
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.2
 91 22.0 0.0 41.8

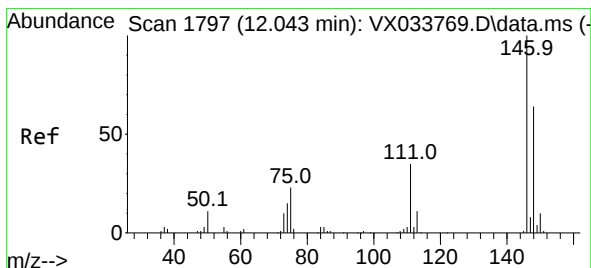
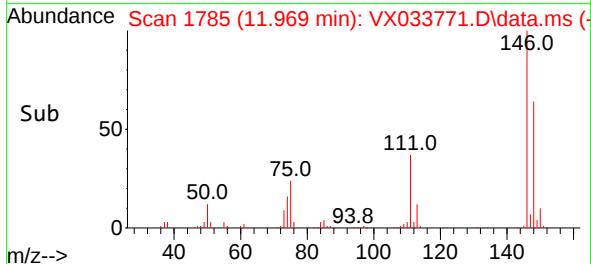
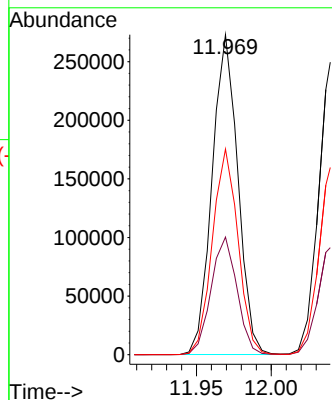
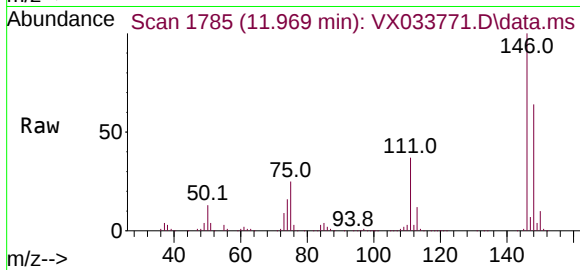




#83
1,3-Dichlorobenzene
Concen: 83.069 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

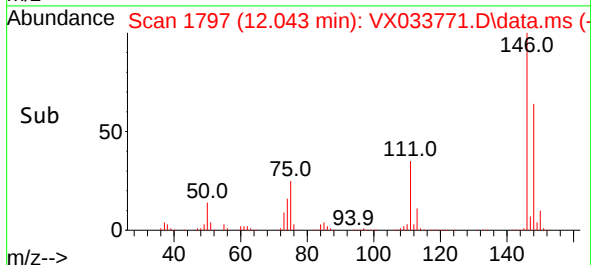
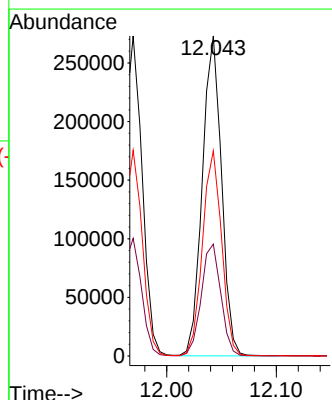
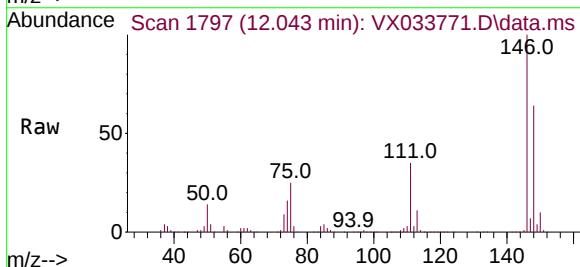
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

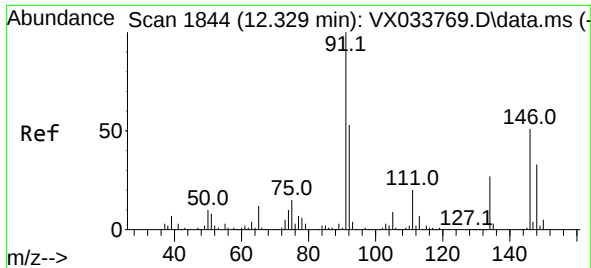
Tgt Ion:146 Resp: 326649
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.2
148 64.0 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 84.217 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion:146 Resp: 331928
Ion Ratio Lower Upper
146 100
111 35.8 17.8 53.4
148 63.7 32.1 96.5

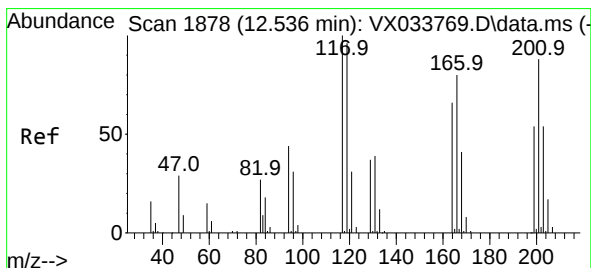
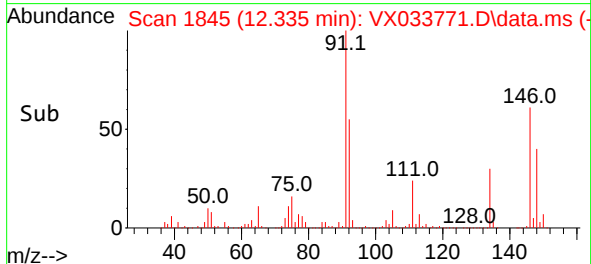
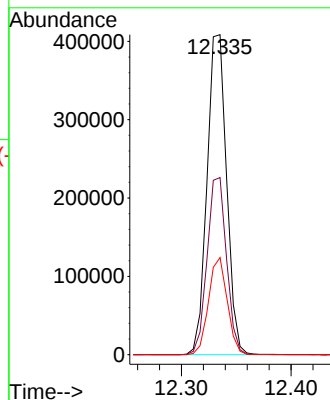
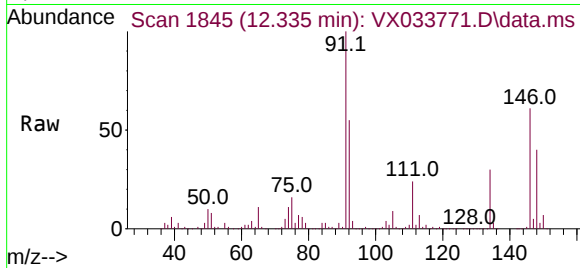




#85
n-Butylbenzene
Concen: 86.676 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

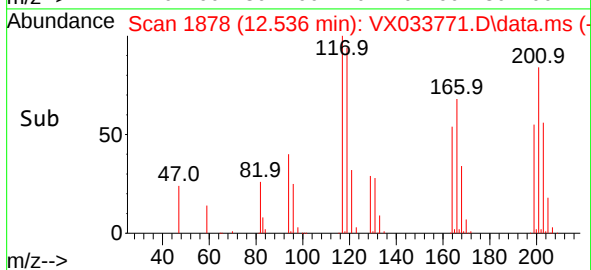
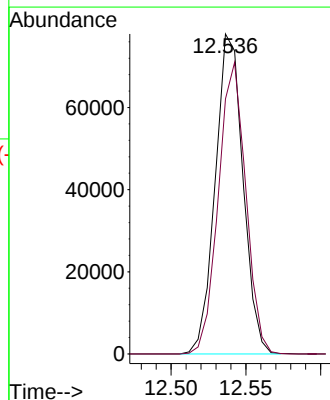
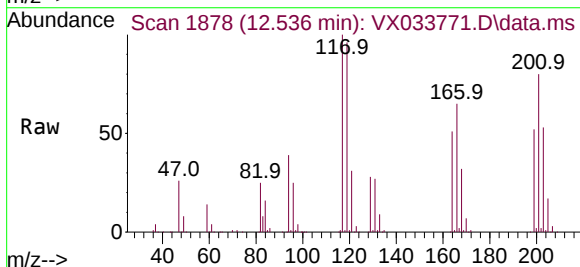
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

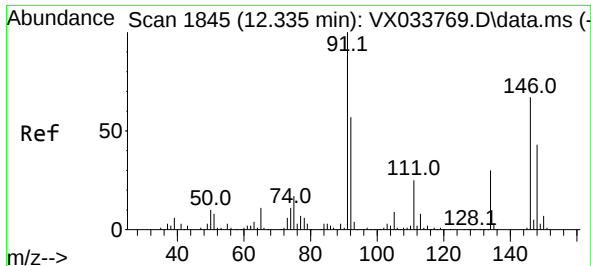
Tgt Ion: 91 Resp: 506907
Ion Ratio Lower Upper
91 100
92 54.9 0.0 109.0
134 29.0 0.0 57.8



#86
Hexachloroethane
Concen: 88.447 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 117 Resp: 100534
Ion Ratio Lower Upper
117 100
201 89.8 46.3 138.8





#87

1,2-Dichlorobenzene

Concen: 83.902 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

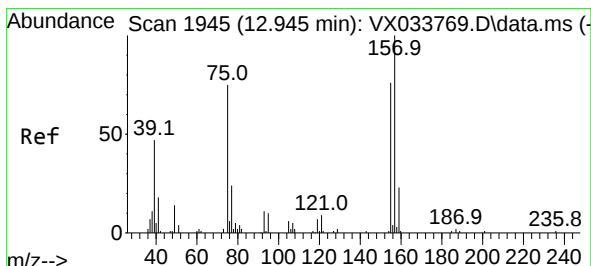
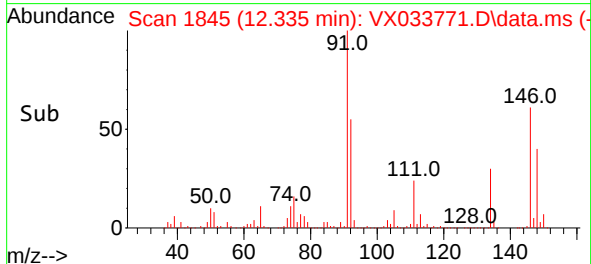
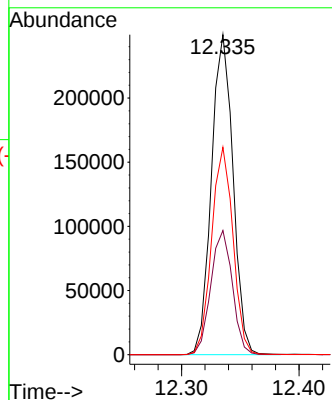
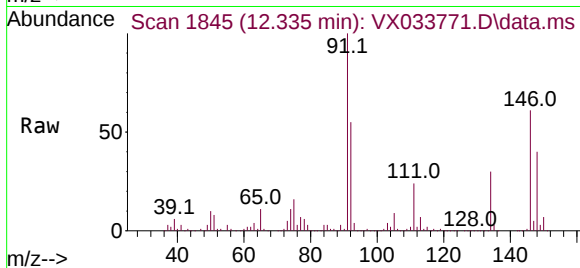
Tgt Ion:146 Resp: 318029

Ion Ratio Lower Upper

146 100

111 38.7 18.8 56.4

148 64.3 31.7 95.1



#88

1,2-Dibromo-3-Chloropropane

Concen: 85.628 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

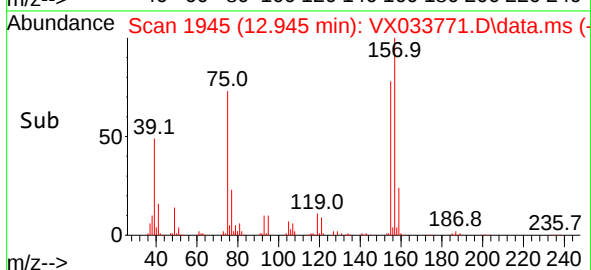
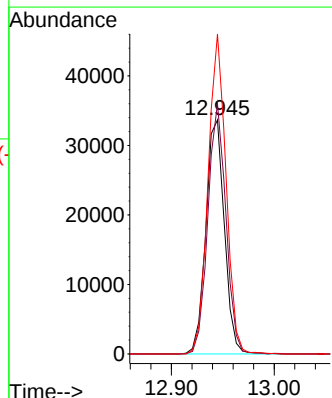
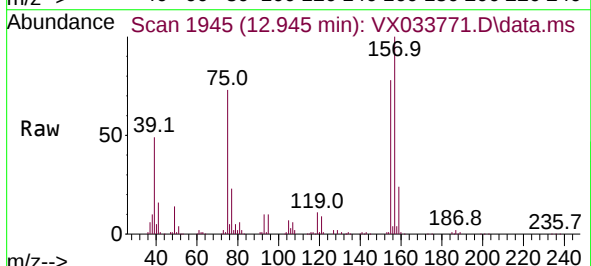
Tgt Ion: 75 Resp: 42228

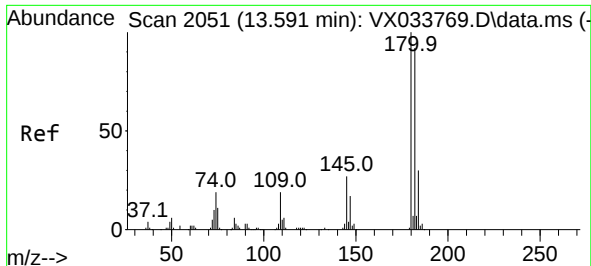
Ion Ratio Lower Upper

75 100

155 103.3 82.6 124.0

157 131.4 104.9 157.3





#89

1,2,4-Trichlorobenzene

Concen: 85.648 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

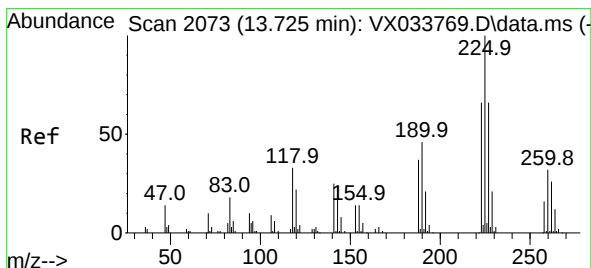
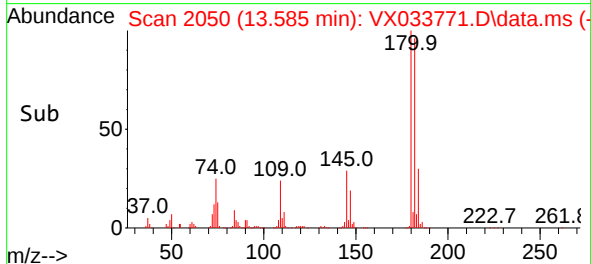
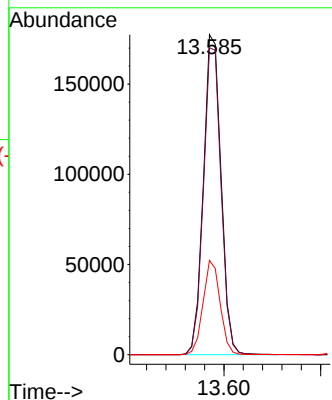
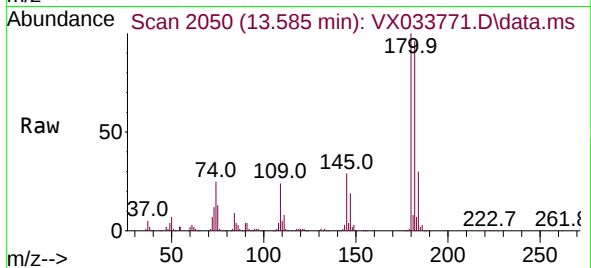
Tgt Ion:180 Resp: 225894

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 28.5 22.9 34.3



#90

Hexachlorobutadiene

Concen: 84.380 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

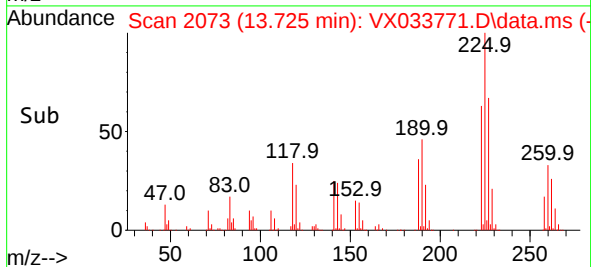
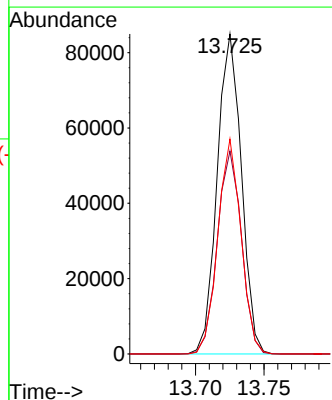
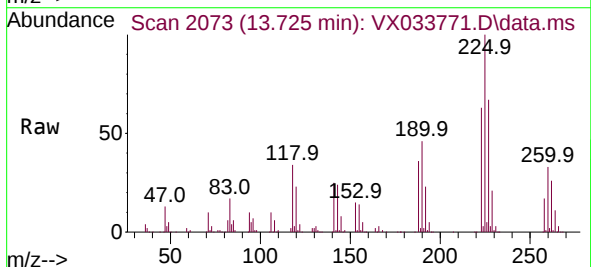
Tgt Ion:225 Resp: 104354

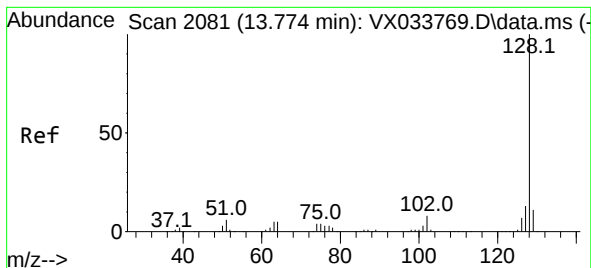
Ion Ratio Lower Upper

225 100

223 63.3 0.0 127.6

227 64.2 0.0 131.2





#91

Naphthalene

Concen: 84.830 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

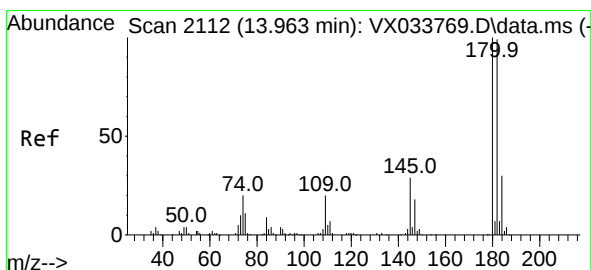
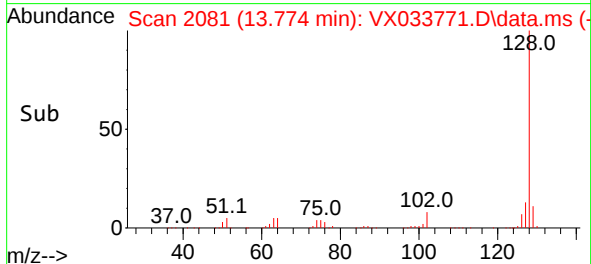
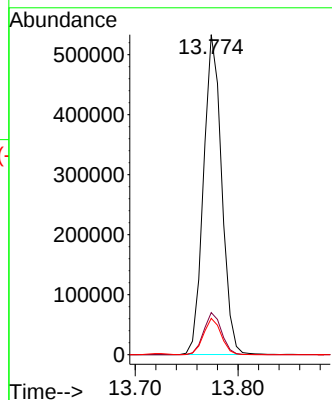
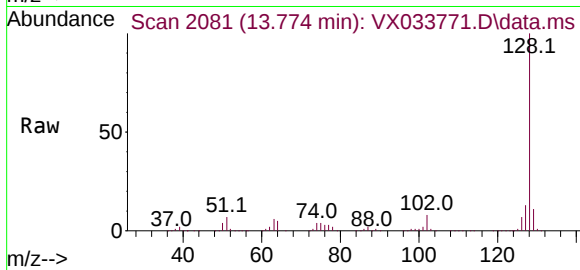
Tgt Ion:128 Resp: 655842

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.1 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 87.161 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Tgt Ion:180 Resp: 225473

Ion Ratio Lower Upper

180 100

182 94.5 0.0 192.6

145 29.9 0.0 60.4

