

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033701.D
 Acq On : 12 Jan 2023 10:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jan 12 23:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	15028	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	106168	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115965	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36362	29.883	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	11.079	95	61930	29.631	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.767%
63) Toluene-d8	8.647	98	111996	30.177	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35039	22.294	ug/l	98
3) Chloromethane	1.294	50	36128	21.445	ug/l	98
4) Vinyl Chloride	1.374	62	33208	21.822	ug/l	98
5) Bromomethane	1.618	94	20143	23.898	ug/l	99
6) Chloroethane	1.691	64	20443	22.938	ug/l	98
7) Trichlorofluoromethane	1.892	101	54385	23.159	ug/l	96
8) Diethyl Ether	2.130	74	16354	21.389	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	34429	28.274	ug/l	96
10) 1,1-Dichloroethene	2.319	96	32669	28.456	ug/l	99
11) Methyl Iodide	2.453	142	46257	23.439	ug/l	93
12) Methyl Acetate	2.709	43	52581	21.877	ug/l	94
13) Acrolein	2.239	56	31681	122.251	ug/l	99
14) Acrylonitrile	3.069	53	86334	108.926	ug/l	99
15) Acetone	2.404	58	32431	180.805	ug/l	75
16) Carbon Disulfide	2.514	76	83352	24.951	ug/l	98
17) Allyl chloride	2.666	41	58915	24.123	ug/l	89
18) Methylene Chloride	2.788	84	35537	22.104	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	35555	23.052	ug/l	89
20) Diisopropyl ether	3.757	45	115641	21.938	ug/l	99
21) 1,1-Dichloroethane	3.605	63	62321	21.559	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	40734	22.208	ug/l	97
23) tert-Butyl Alcohol	3.014	59	19451	62.131	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	105838	21.589	ug/l	97
25) Chloroform	5.086	83	63418	21.614	ug/l	95
26) Cyclohexane	5.471	56	59153	22.047	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	48061	20.943	ug/l	97
30) 2-Butanone	4.562	43	133899	111.728	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	45623	23.090	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	55340	20.655	ug/l	99
33) Carbon Tetrachloride	5.672	117	49788	20.588	ug/l	97
34) Benzene	6.038	78	142448	21.366	ug/l	98
35) Methacrylonitrile	4.916	41	27025	19.790	ug/l	96
36) 1,2-Dichloroethane	6.086	62	48948	20.197	ug/l	98
37) Trichloroethene	7.123	130	40880	21.262	ug/l	97
38) Methylcyclohexane	7.379	83	62026	21.736	ug/l	99
39) 1,2-Dichloropropane	7.428	63	35169	20.641	ug/l	91
40) Dibromomethane	7.580	93	24757	20.676	ug/l	97
41) Bromodichloromethane	7.818	83	46962	20.220	ug/l	99
42) Vinyl Acetate	3.721	43	439899	102.715	ug/l	99

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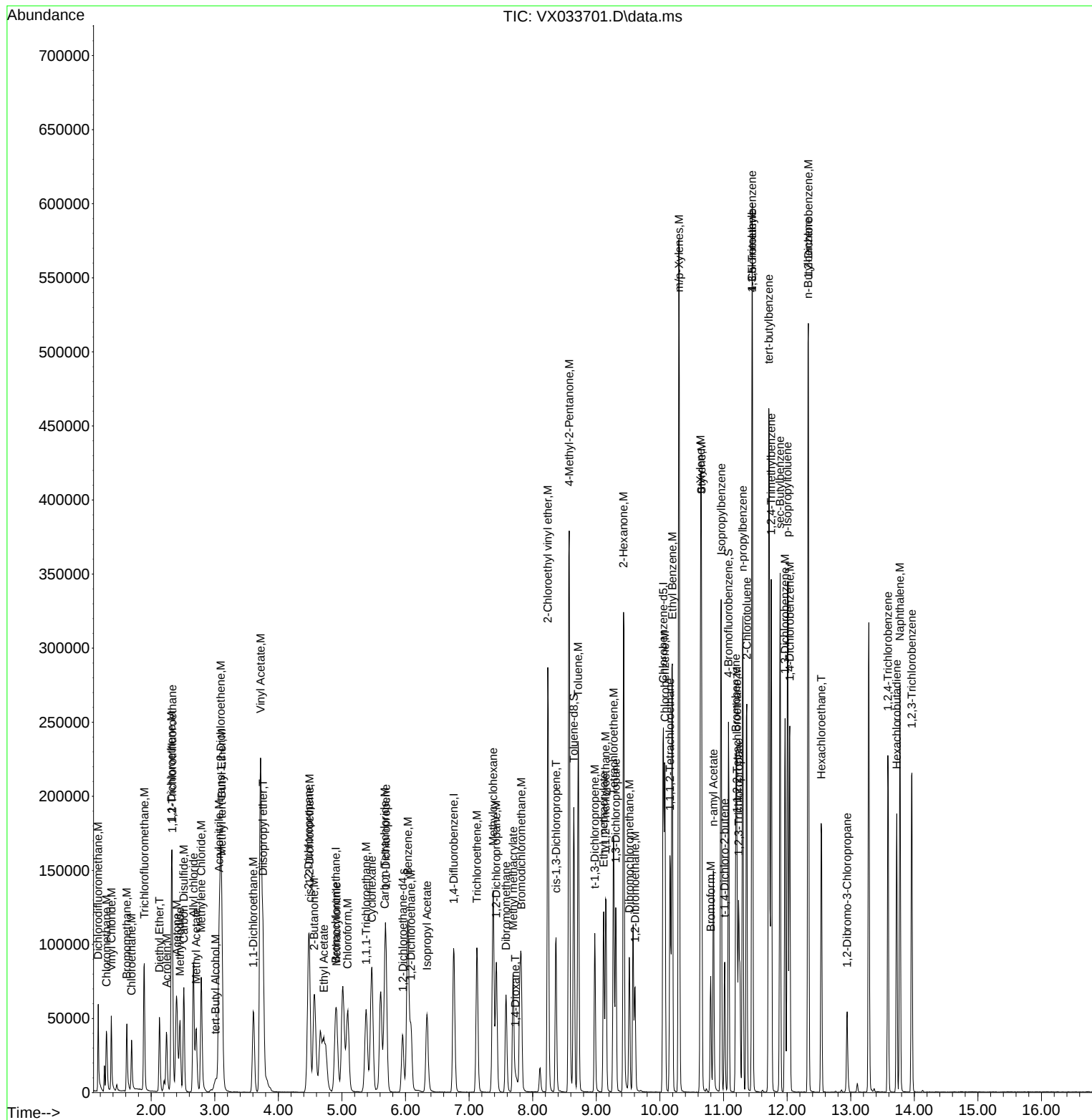
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	49661	20.223	ug/l	98
44) Isopropyl Acetate	6.336	43	74295	19.284	ug/l	99
45) 1,4-Dioxane	7.726	88	17291	411.383	ug/l #	1
46) Methyl methacrylate	7.690	41	39030	20.009	ug/l	99
47) n-amyl Acetate	10.842	43	63540	19.371	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	48441	20.412	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	55120	20.913	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	35431	20.385	ug/l	95
51) Ethyl methacrylate	9.116	69	52503	20.257	ug/l	99
52) 1,3-Dichloropropane	9.305	76	60884	20.914	ug/l	99
53) Dibromochloromethane	9.519	129	39428	20.812	ug/l	97
54) 1,2-Dibromoethane	9.610	107	37694	20.292	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	114523	91.399	ug/l	99
56) Bromoform	10.799	173	30102	20.695	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	239885	104.136	ug/l	99
59) 2-Hexanone	9.427	43	181832	107.254	ug/l	99
61) Tetrachloroethene	9.275	164	36769	21.976	ug/l	97
62) Toluene	8.714	91	156533	21.443	ug/l	98
64) Chlorobenzene	10.079	112	102392	21.778	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	37371	21.119	ug/l	97
66) Ethyl Benzene	10.195	91	175508	21.559	ug/l	99
67) m/p-Xylenes	10.299	106	139661	43.467	ug/l	100
68) o-Xylene	10.640	106	67458	21.361	ug/l	100
69) Styrene	10.653	104	113533	21.721	ug/l	98
70) Isopropylbenzene	10.963	105	179922	21.999	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	52069	21.144	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	53363	23.920	ug/l	93
73) Bromobenzene	11.195	156	47335	21.869	ug/l	97
74) n-propylbenzene	11.305	91	204265	21.998	ug/l	100
75) 2-Chlorotoluene	11.366	91	119498	21.516	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	149846	22.068	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	13693	20.516	ug/l	94
78) 4-Chlorotoluene	11.451	91	136336	21.890	ug/l	100
79) tert-butylbenzene	11.713	119	153528	22.046	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	147346	21.965	ug/l	97
81) sec-Butylbenzene	11.890	105	186277	22.106	ug/l	99
82) p-Isopropyltoluene	12.006	119	162297	22.331	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	86722	21.948	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	87335	22.169	ug/l	98
85) n-Butylbenzene	12.329	91	131812	22.308	ug/l	99
86) Hexachloroethane	12.536	117	25339	21.431	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	82965	21.797	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10133	19.819	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	58341	22.286	ug/l	99
90) Hexachlorobutadiene	13.725	225	28716	22.878	ug/l	99
91) Naphthalene	13.774	128	168759	21.954	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	58426	22.244	ug/l	99

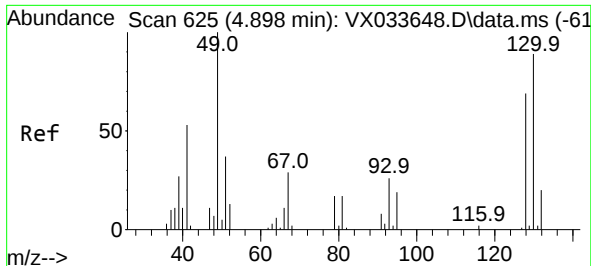
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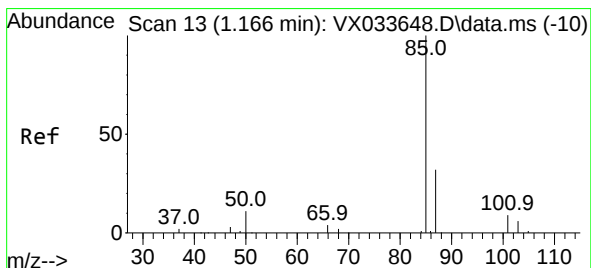
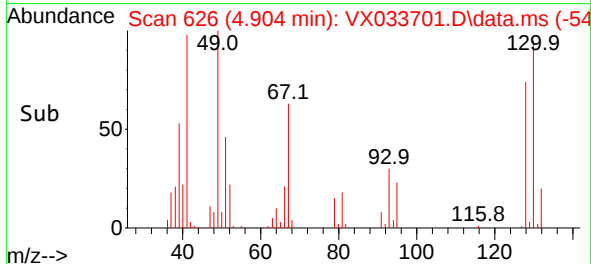
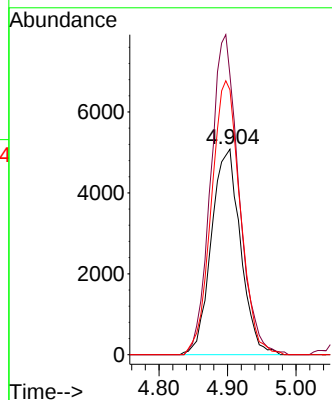
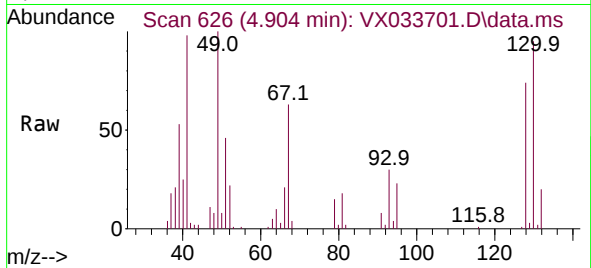




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033701.D
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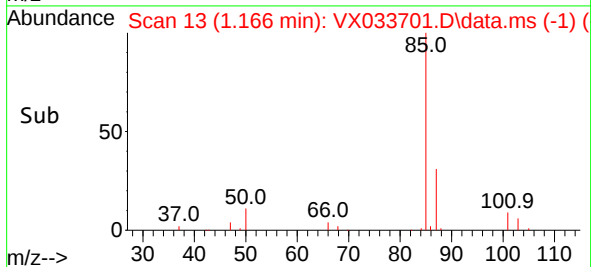
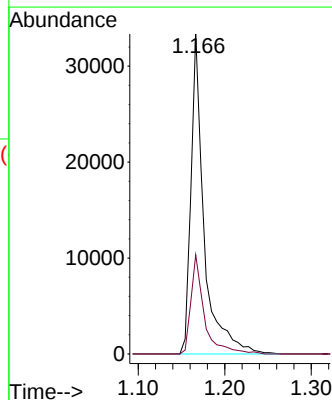
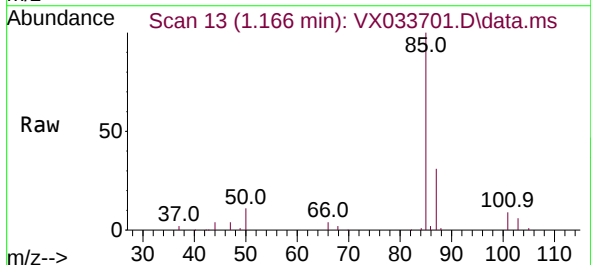
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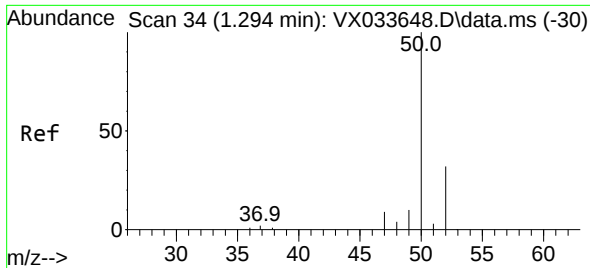
Tgt Ion:128 Resp: 15028
Ion Ratio Lower Upper
128 100
49 150.1 0.0 398.5
130 132.0 0.0 329.0



#2
Dichlorodifluoromethane
Concen: 22.294 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 85 Resp: 35039
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

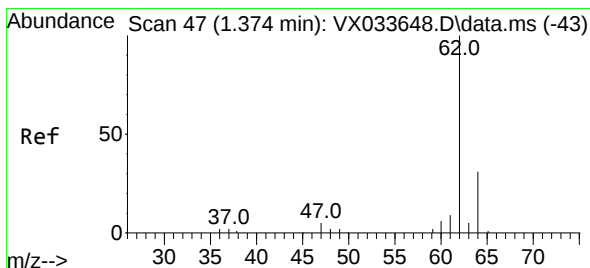
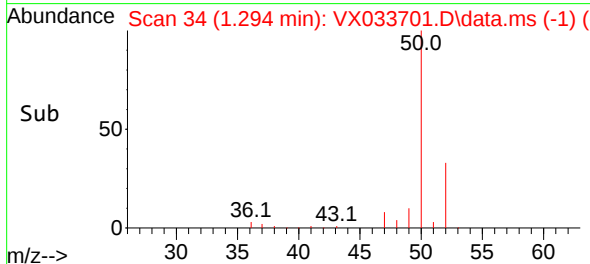
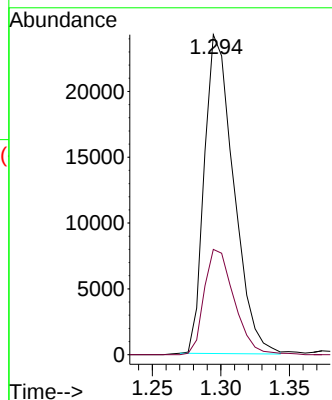
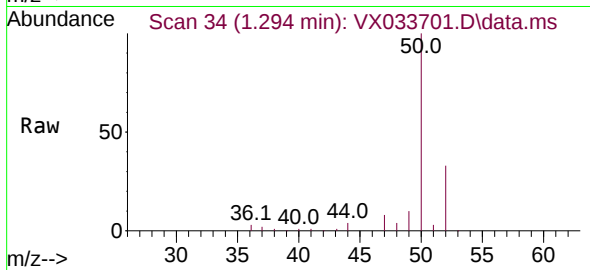




#3
Chloromethane
Concen: 21.445 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

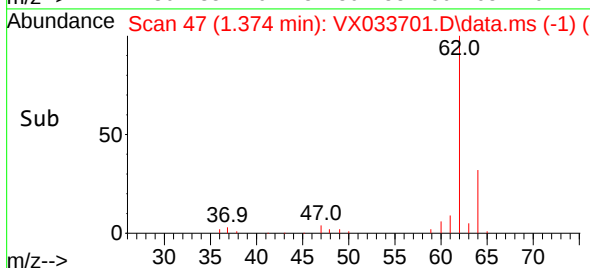
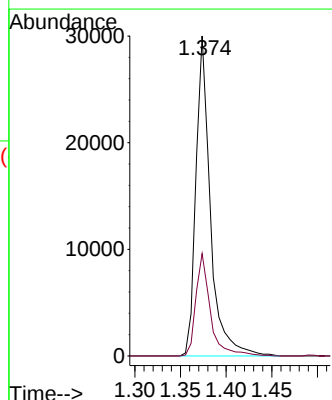
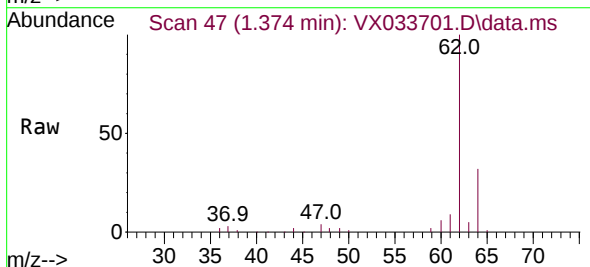
Instrument :
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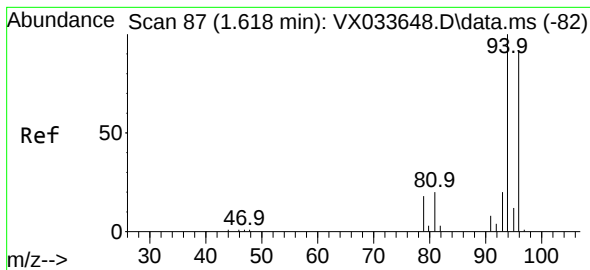
Tgt Ion: 50 Resp: 36128
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 21.822 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 62 Resp: 33208
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5

Bromomethane

Concen: 23.898 ug/l

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

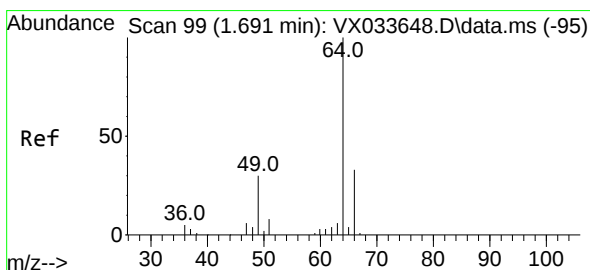
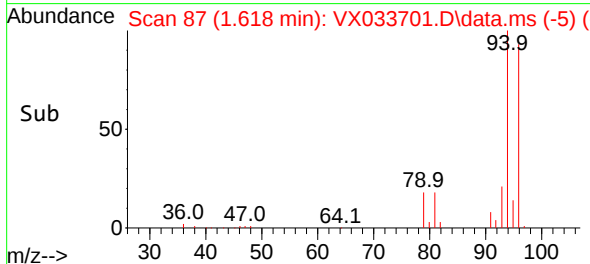
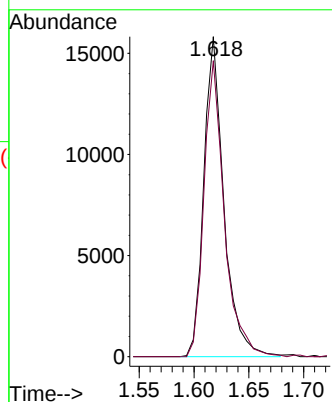
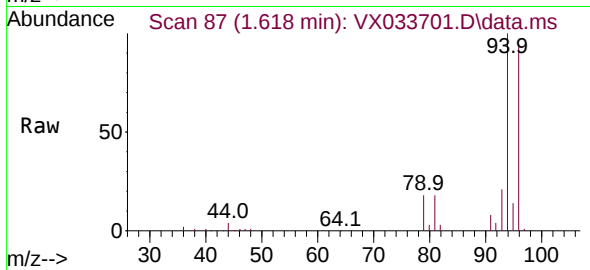
VSTDCCC020

Tgt Ion: 94 Resp: 20143

Ion Ratio Lower Upper

94 100

96 92.5 73.6 110.4



#6

Chloroethane

Concen: 22.938 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033701.D

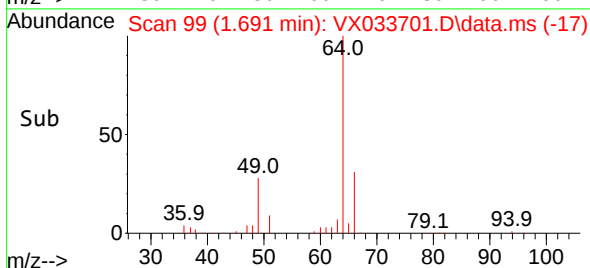
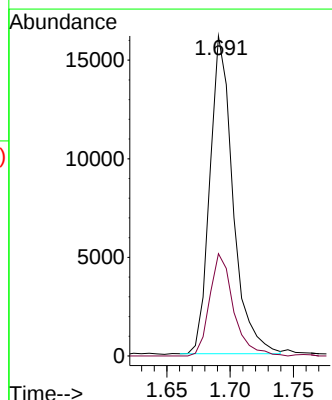
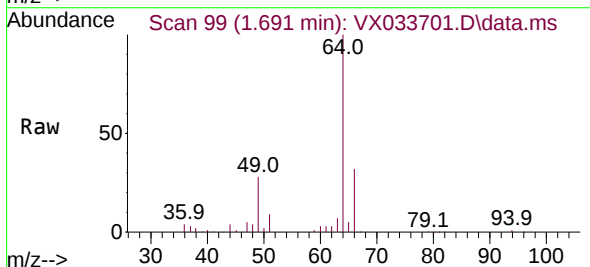
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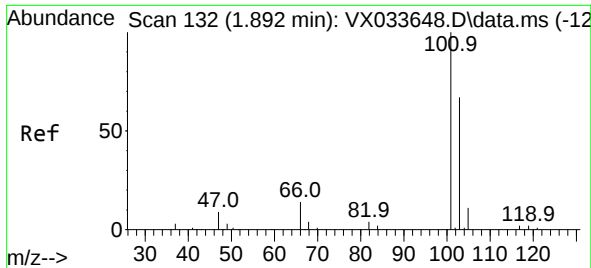
Tgt Ion: 64 Resp: 20443

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0

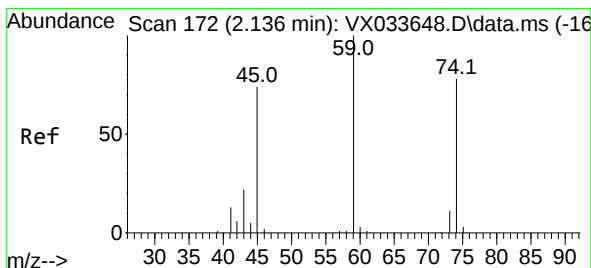
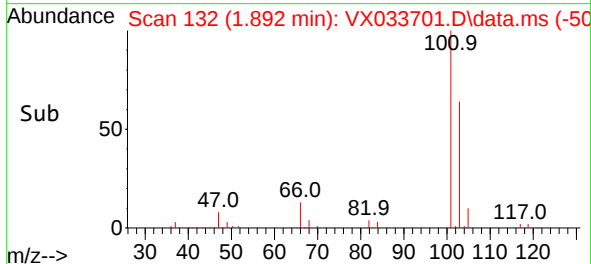
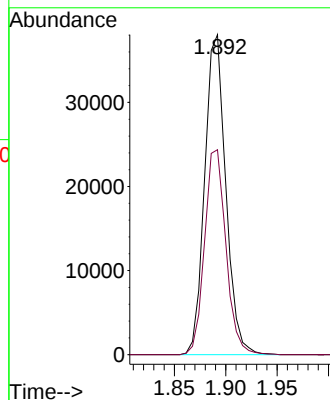
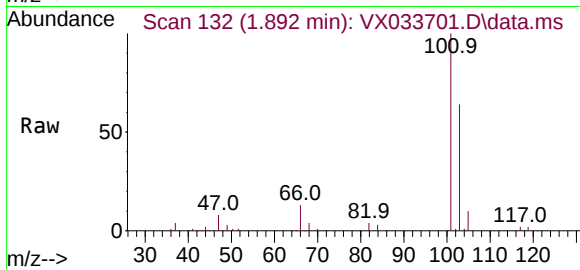




#7
 Trichlorofluoromethane
 Concen: 23.159 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
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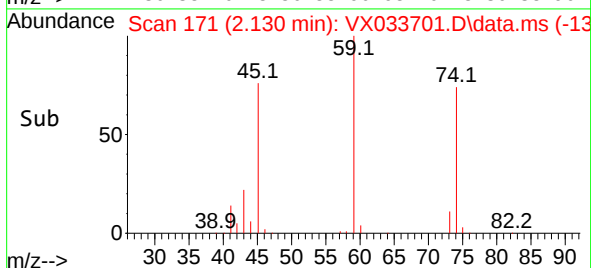
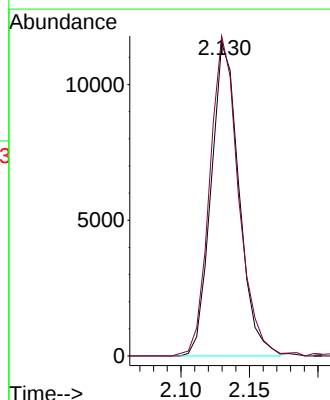
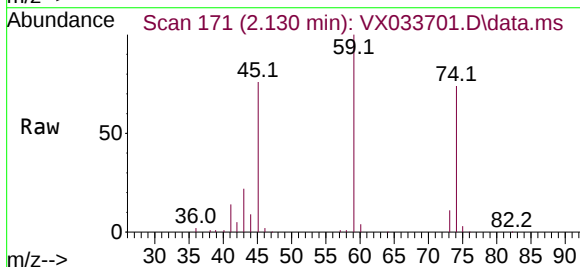
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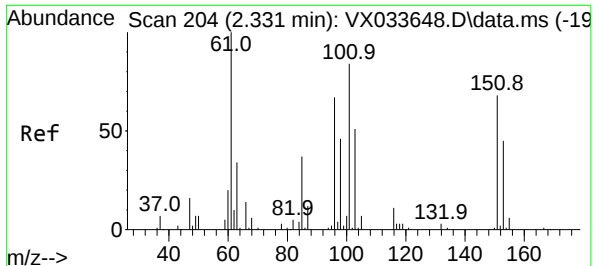
Tgt Ion:101 Resp: 54385
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.7 80.5



#8
 Diethyl Ether
 Concen: 21.389 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

Tgt Ion: 74 Resp: 16354
 Ion Ratio Lower Upper
 74 100
 45 105.2 20.3 182.9

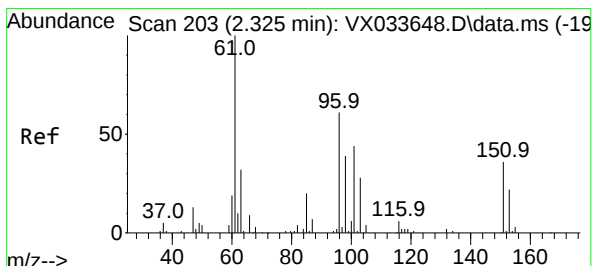
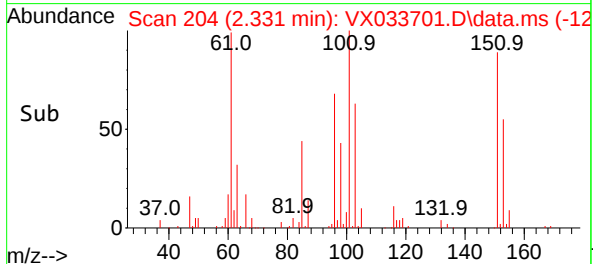
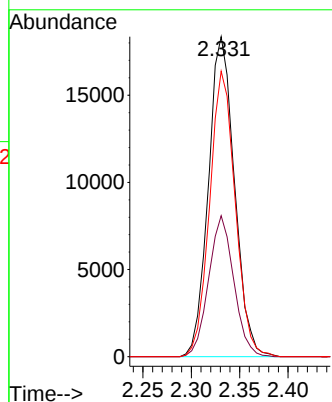
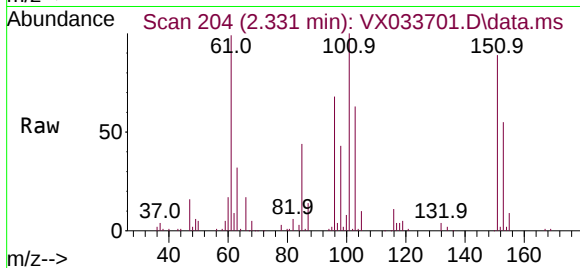




#9
1,1,2-Trichlorotrifluoroethane
Concen: 28.274 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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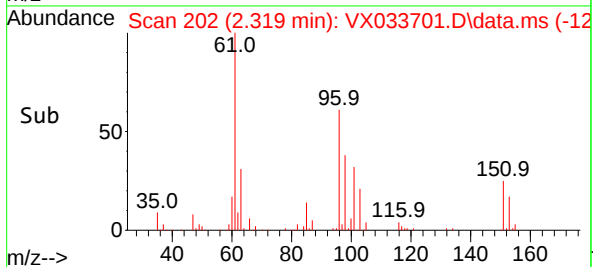
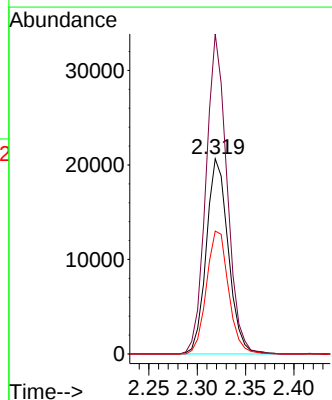
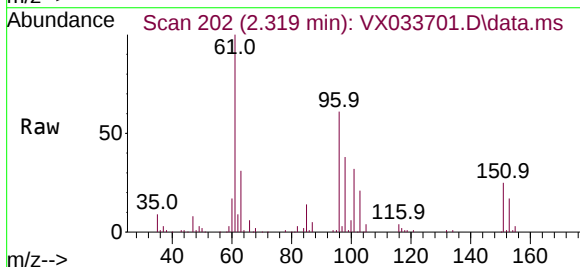
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VSTDCCC020

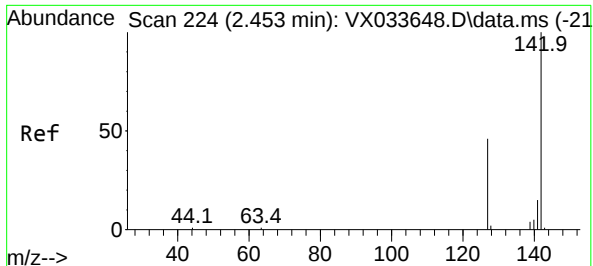
Tgt Ion:101 Resp: 34429
Ion Ratio Lower Upper
101 100
85 42.5 0.0 88.8
151 87.3 0.0 167.2



#10
1,1-Dichloroethene
Concen: 28.456 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 96 Resp: 32669
Ion Ratio Lower Upper
96 100
61 163.9 130.6 195.8
98 62.9 50.8 76.2





#11

Methyl Iodide

Concen: 23.439 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

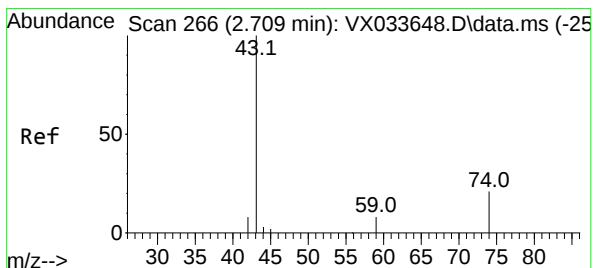
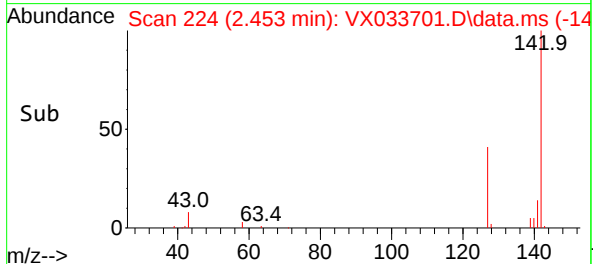
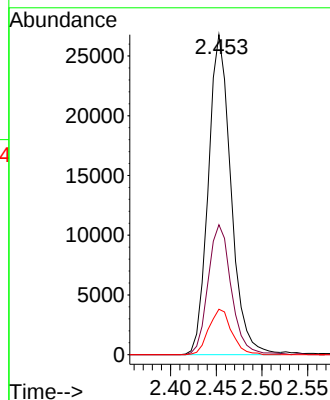
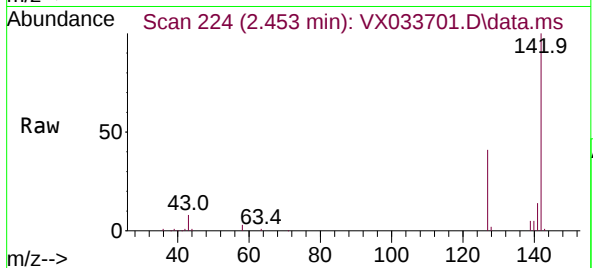
Tgt Ion:142 Resp: 46257

Ion Ratio Lower Upper

142 100

127 40.5 23.2 69.5

141 14.2 7.3 22.0



#12

Methyl Acetate

Concen: 21.877 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX033701.D

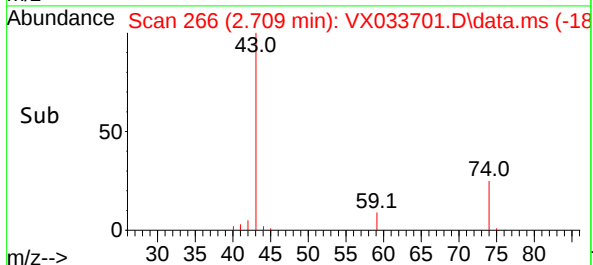
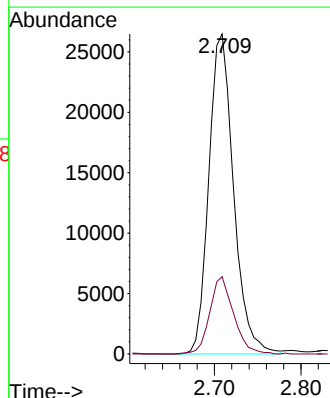
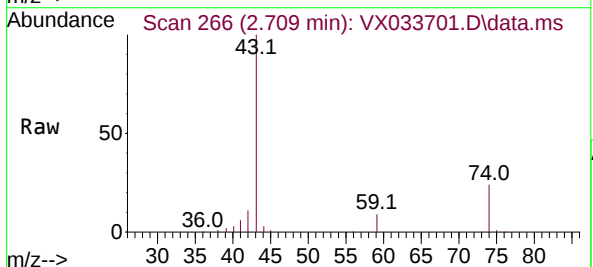
Acq: 12 Jan 2023 10:18

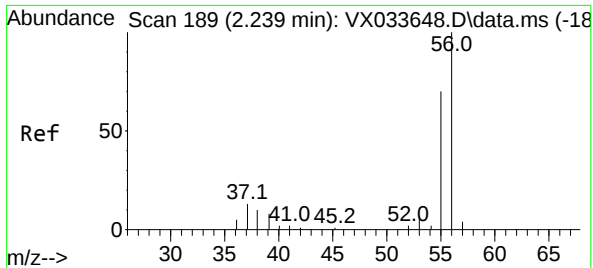
Tgt Ion: 43 Resp: 52581

Ion Ratio Lower Upper

43 100

74 24.2 17.0 25.6

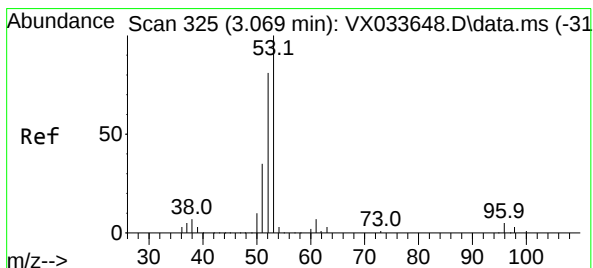
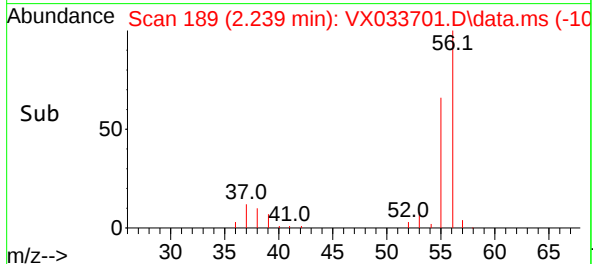
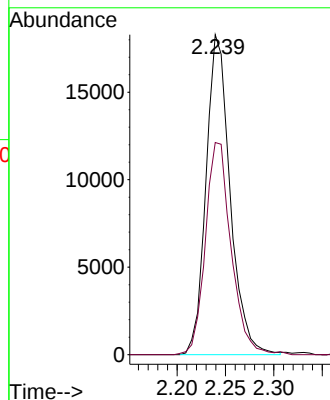
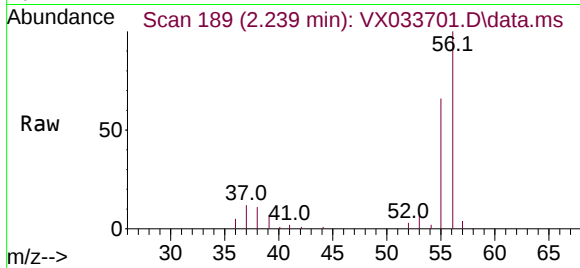




#13
Acrolein
Concen: 122.251 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

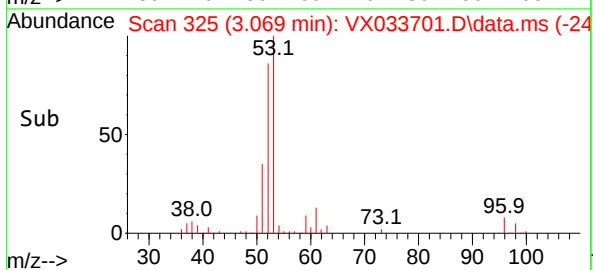
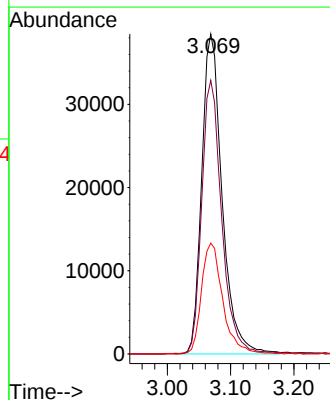
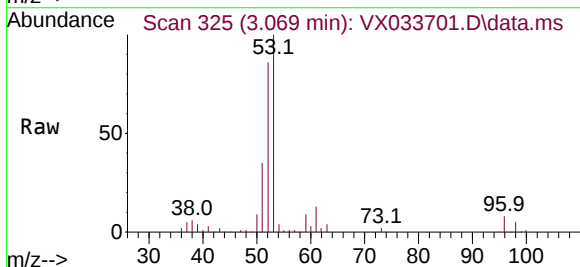
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

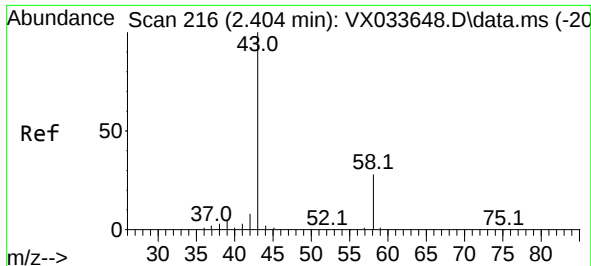
Tgt Ion: 56 Resp: 31681
Ion Ratio Lower Upper
56 100
55 70.5 56.1 84.1



#14
Acrylonitrile
Concen: 108.926 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 53 Resp: 86334
Ion Ratio Lower Upper
53 100
52 83.8 41.3 124.1
51 36.2 18.4 55.4





#15

Acetone

Concen: 180.805 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

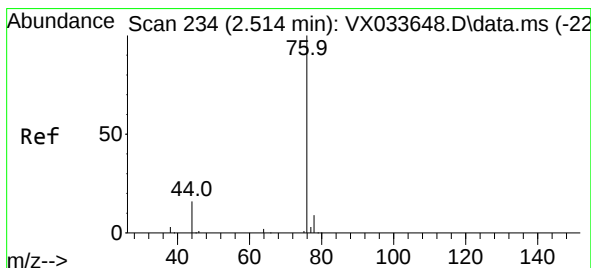
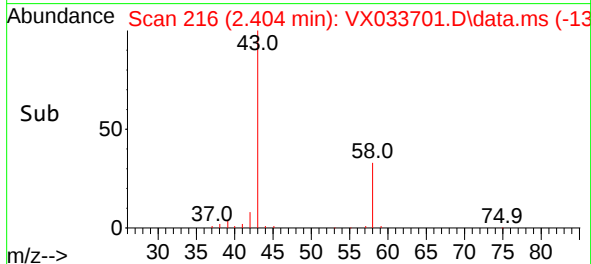
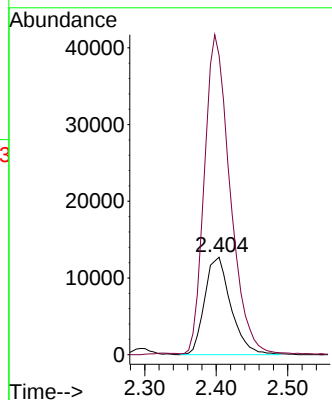
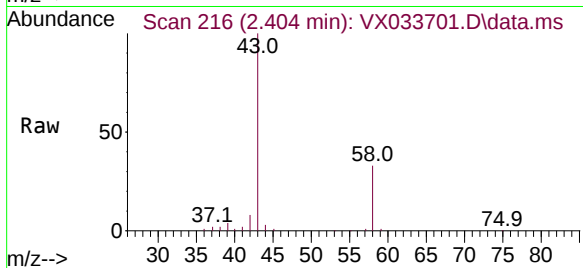
VSTDCCC020

Tgt Ion: 58 Resp: 32431

Ion Ratio Lower Upper

58 100

43 306.0 288.3 432.5



#16

Carbon Disulfide

Concen: 24.951 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033701.D

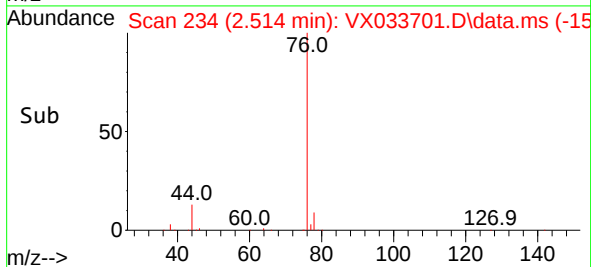
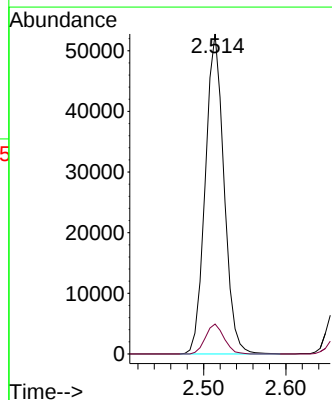
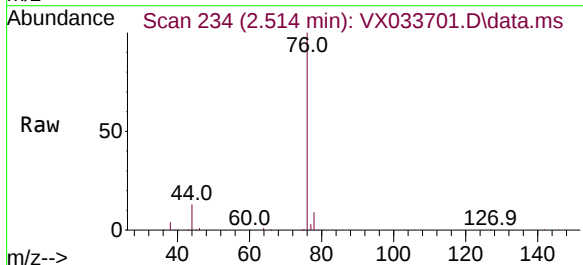
Acq: 12 Jan 2023 10:18

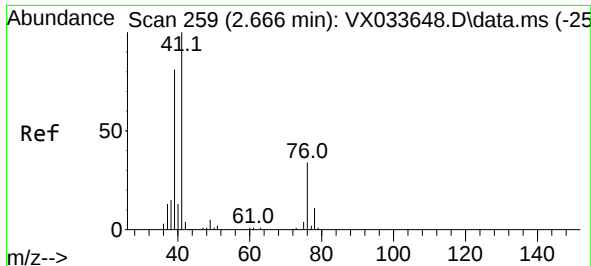
Tgt Ion: 76 Resp: 83352

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

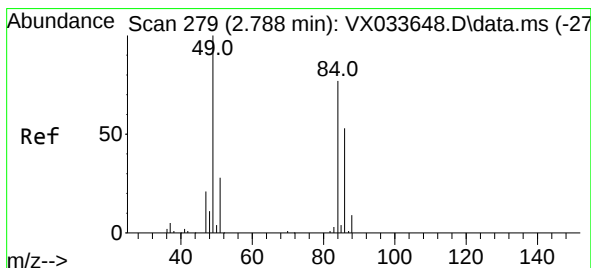
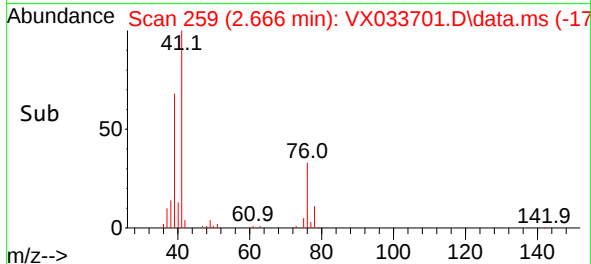
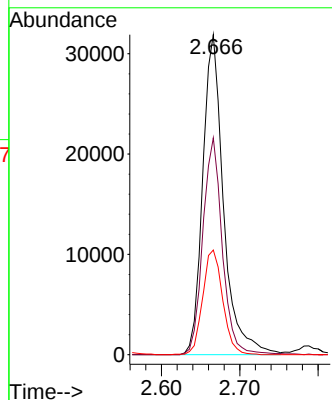
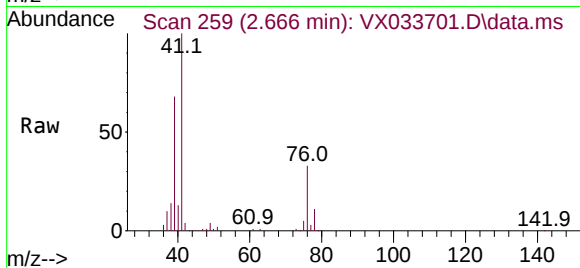




#17
 Allyl chloride
 Concen: 24.123 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

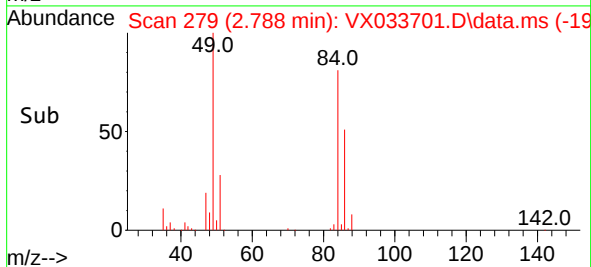
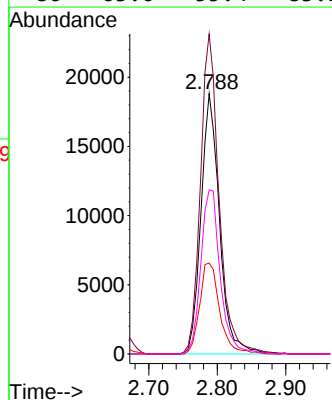
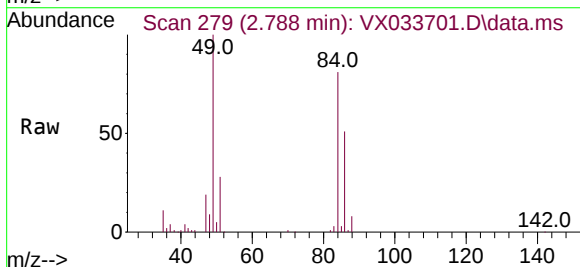
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

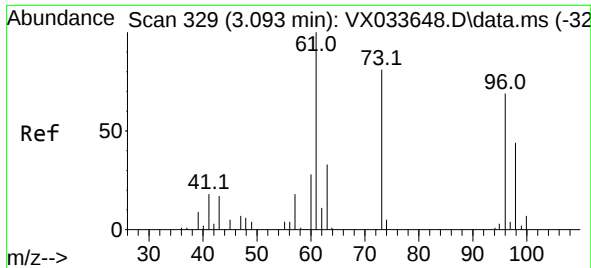
Tgt Ion:	41	Resp:	58915
Ion	Ratio	Lower	Upper
41	100		
39	67.7	40.3	120.8
76	32.7	17.0	50.9



#18
 Methylene Chloride
 Concen: 22.104 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

Tgt Ion:	84	Resp:	35537
Ion	Ratio	Lower	Upper
84	100		
49	122.9	104.1	156.1
51	34.9	29.2	43.8
86	63.0	55.4	83.2

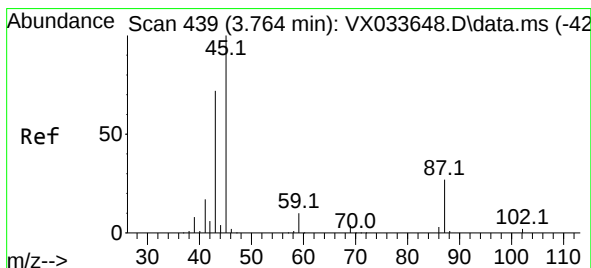
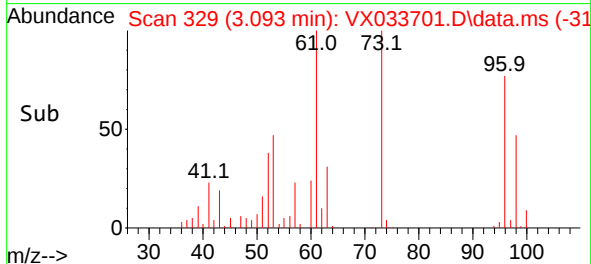
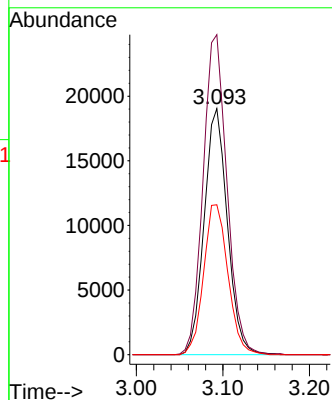
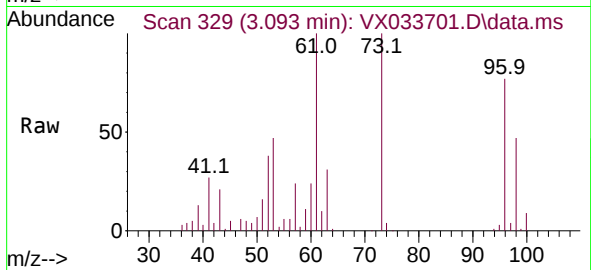




#19
trans-1,2-Dichloroethene
Concen: 23.052 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

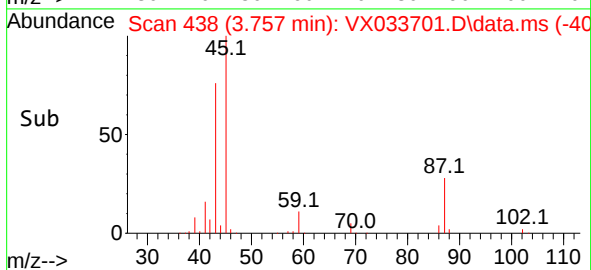
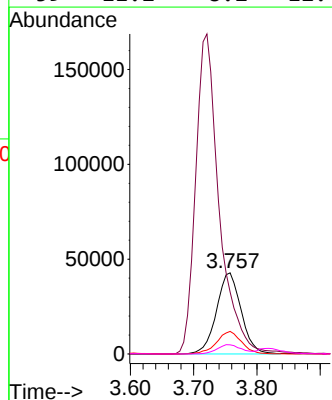
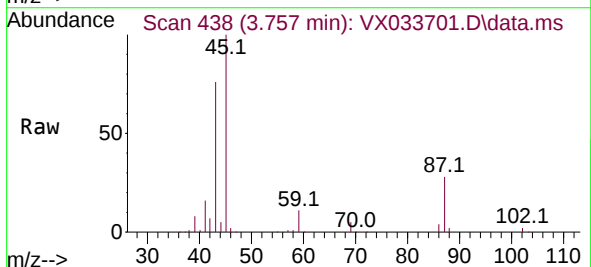
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

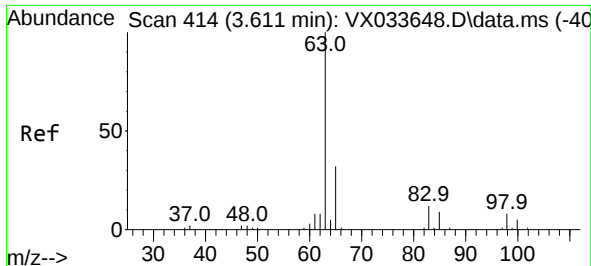
Tgt Ion: 96 Resp: 35555
Ion Ratio Lower Upper
96 100
61 129.7 117.1 175.7
98 60.9 52.0 78.0



#20
Diisopropyl ether
Concen: 21.938 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 45 Resp: 115641
Ion Ratio Lower Upper
45 100
43 73.4 58.0 87.0
87 27.8 21.7 32.5
59 11.2 8.2 12.4

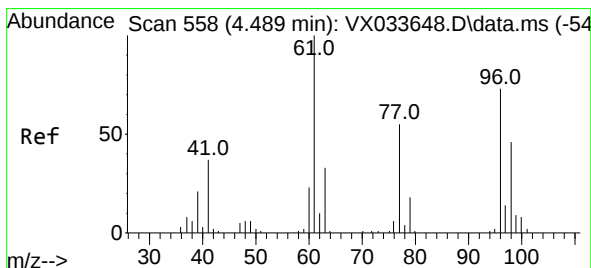
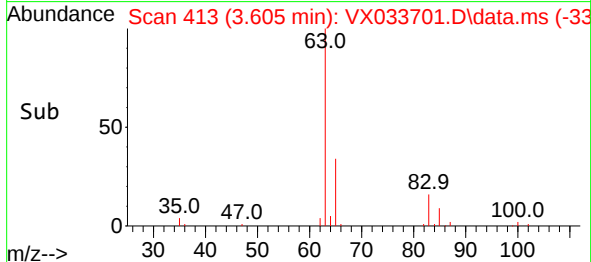
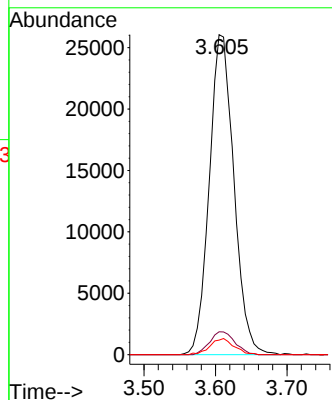
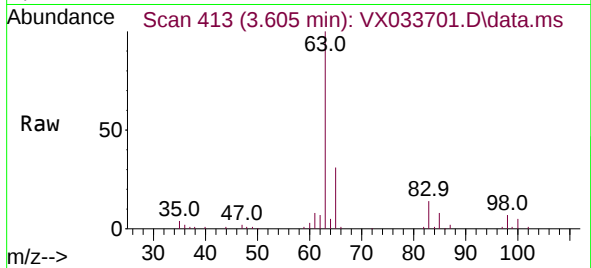




#21
1,1-Dichloroethane
Concen: 21.559 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

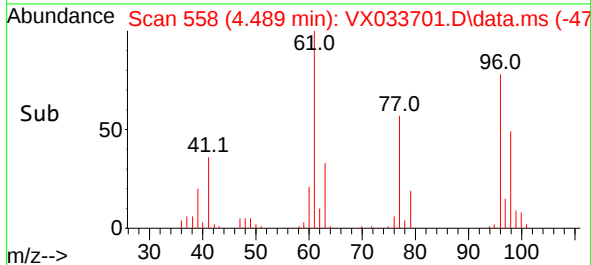
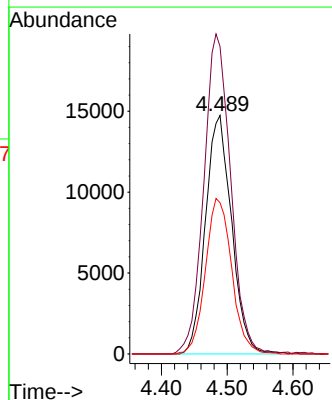
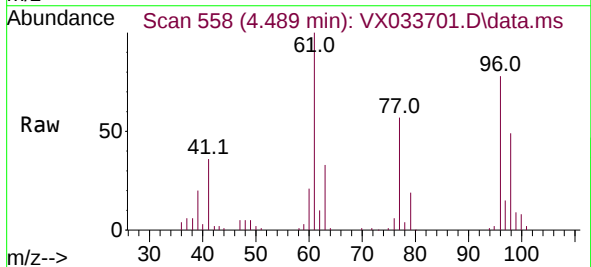
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

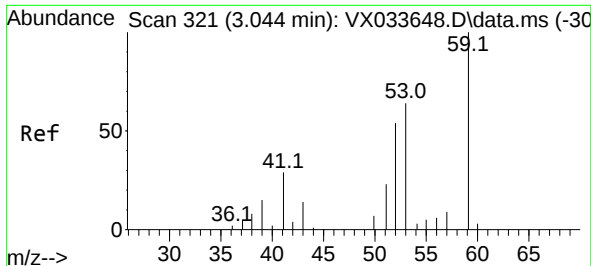
Tgt Ion: 63 Resp: 62321
Ion Ratio Lower Upper
63 100
98 7.1 4.0 12.2
100 4.6 2.4 7.2



#22
cis-1,2-Dichloroethene
Concen: 22.208 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 96 Resp: 40734
Ion Ratio Lower Upper
96 100
61 137.6 114.2 171.2
98 65.6 51.4 77.0

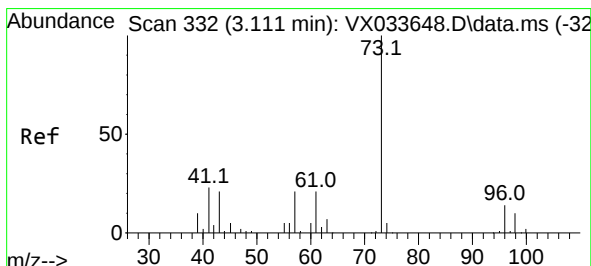
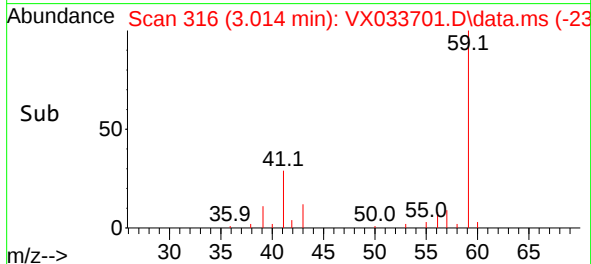
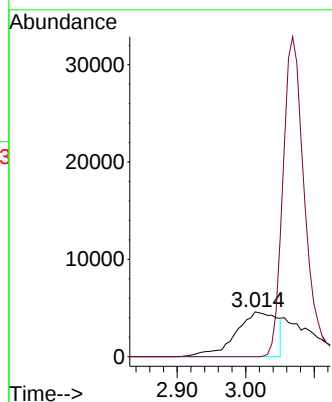
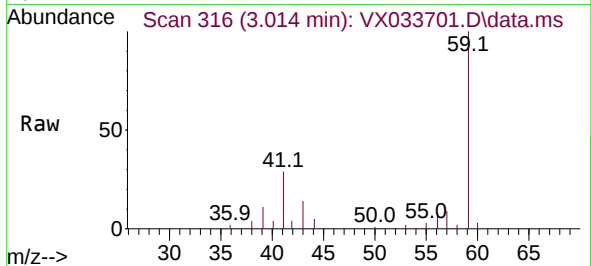




#23
tert-Butyl Alcohol
Concen: 62.131 ug/l
RT: 3.014 min Scan# 31
Delta R.T. -0.030 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

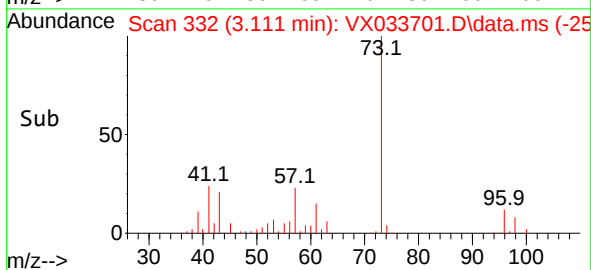
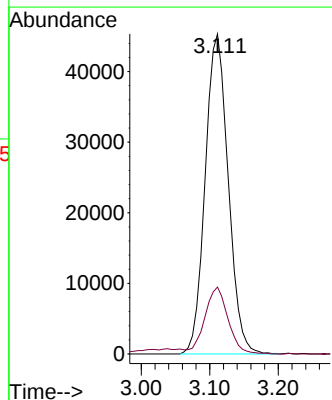
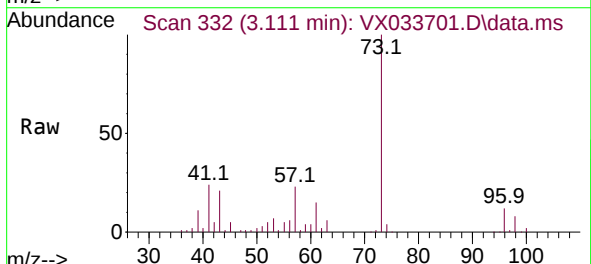
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

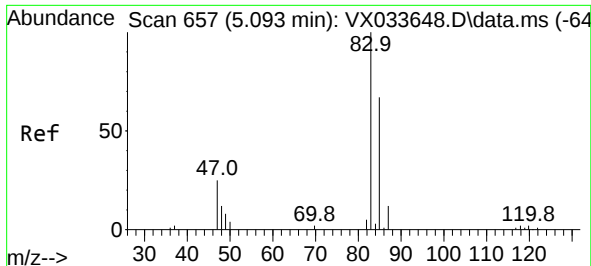
Tgt Ion: 59 Resp: 19451
Ion Ratio Lower Upper
59 100
52 372.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 21.589 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 73 Resp: 105838
Ion Ratio Lower Upper
73 100
43 21.2 18.1 27.1





#25

Chloroform

Concen: 21.614 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

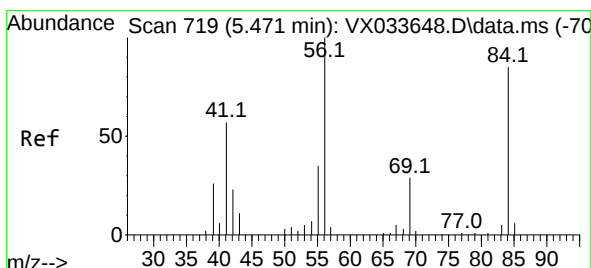
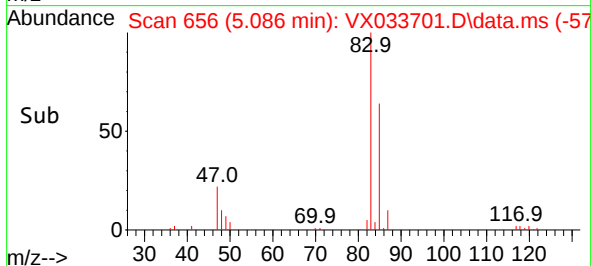
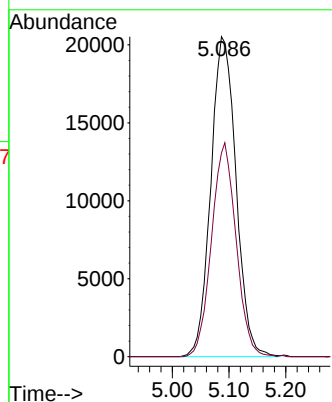
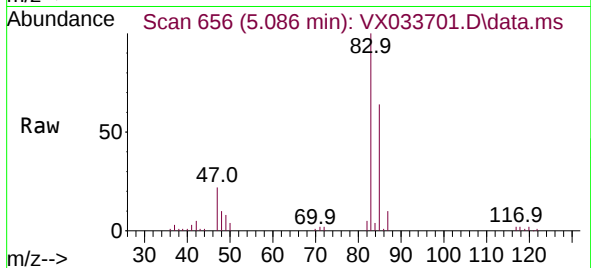
VSTDCCC020

Tgt Ion: 83 Resp: 63418

Ion Ratio Lower Upper

83 100

85 63.7 53.9 80.9



#26

Cyclohexane

Concen: 22.047 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

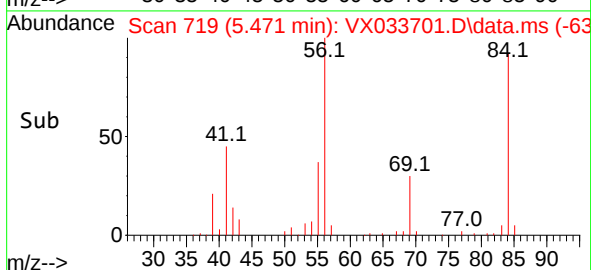
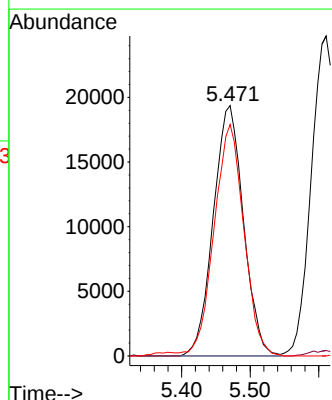
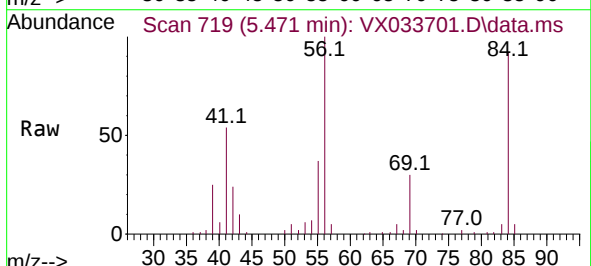
Tgt Ion: 56 Resp: 59153

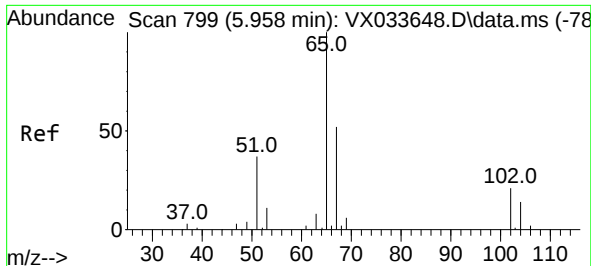
Ion Ratio Lower Upper

56 100

89 0.8 0.0 0.0#

84 91.2 70.8 106.2

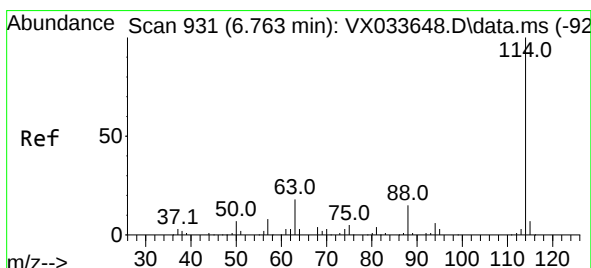
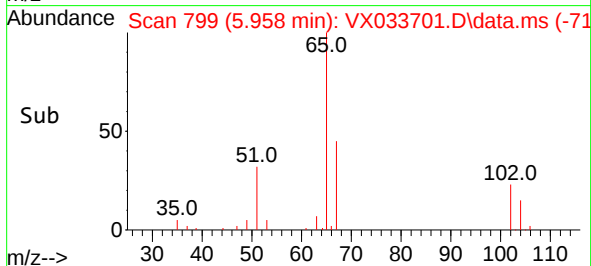
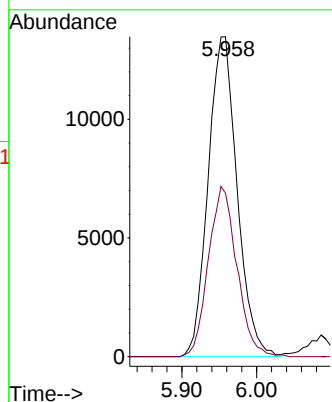
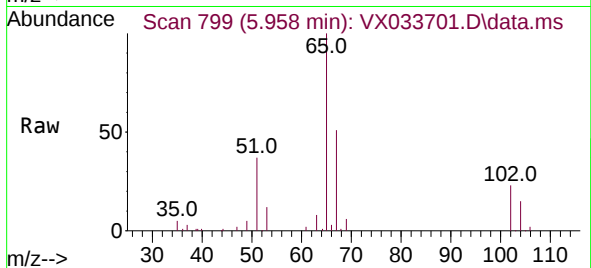




#27
 1,2-Dichloroethane-d4
 Concen: 29.883 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

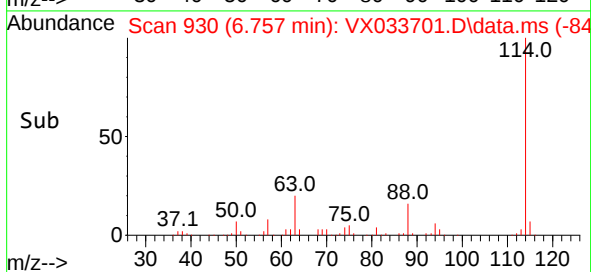
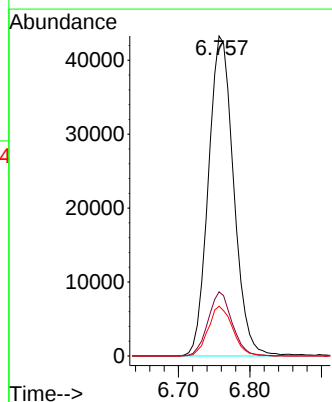
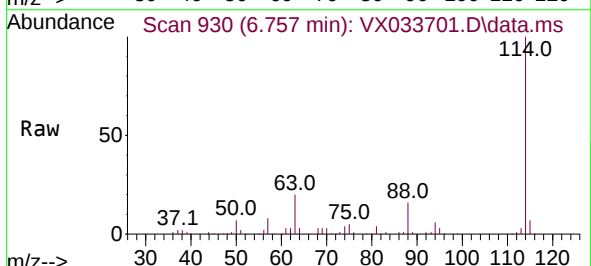
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

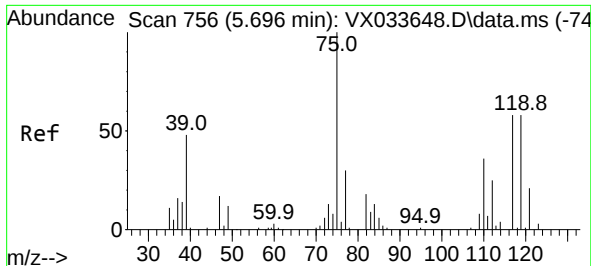
Tgt Ion: 65 Resp: 36362
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

Tgt Ion: 114 Resp: 106168
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.5 23.3
 88 15.0 12.4 18.6





#29

1,1-Dichloropropene

Concen: 20.943 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

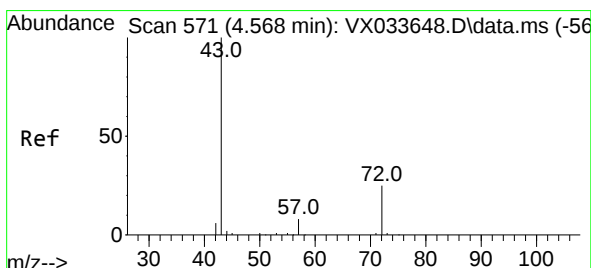
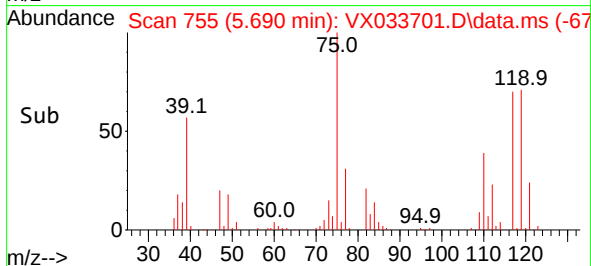
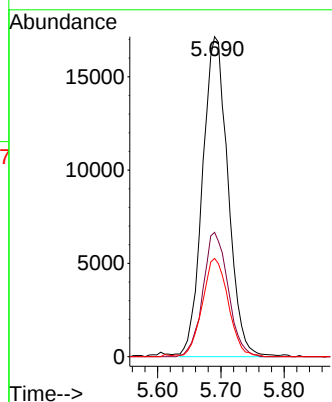
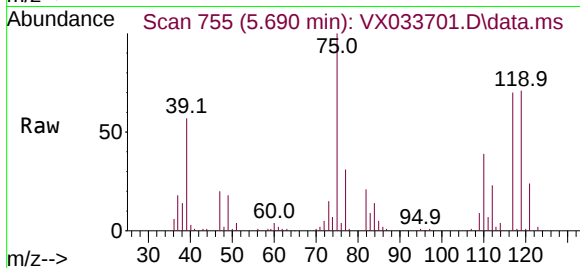
Tgt Ion: 75 Resp: 48061

Ion Ratio Lower Upper

75 100

110 38.3 0.0 71.4

77 31.1 0.0 61.0



#30

2-Butanone

Concen: 111.728 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

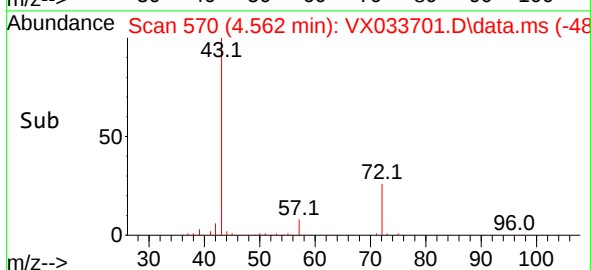
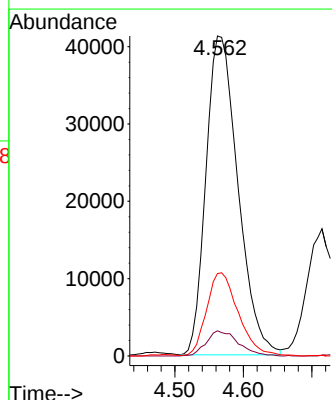
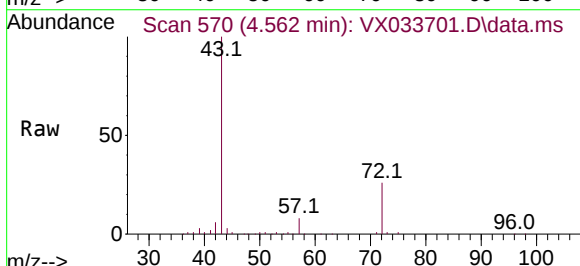
Tgt Ion: 43 Resp: 133899

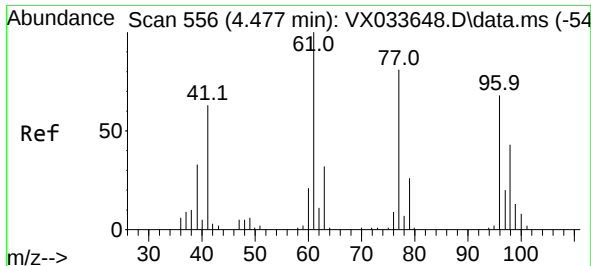
Ion Ratio Lower Upper

43 100

57 7.9 3.4 5.2

72 25.9 19.8 29.6

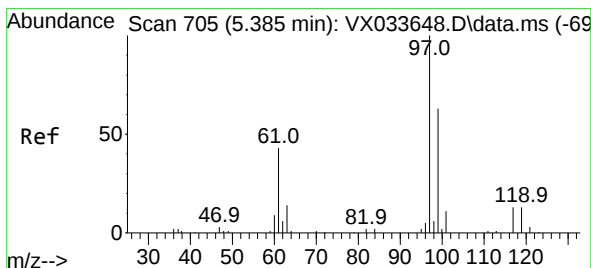
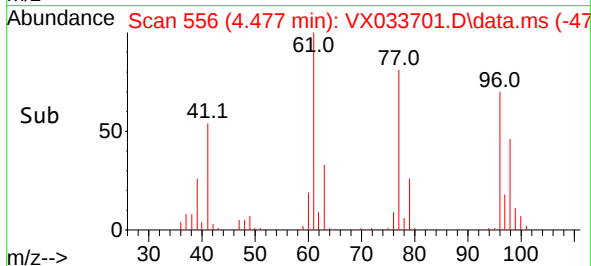
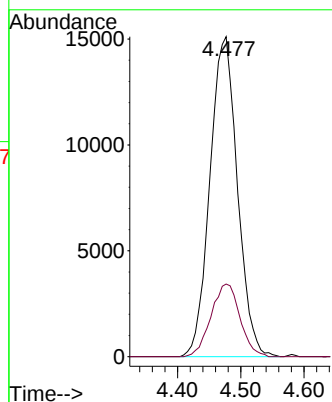
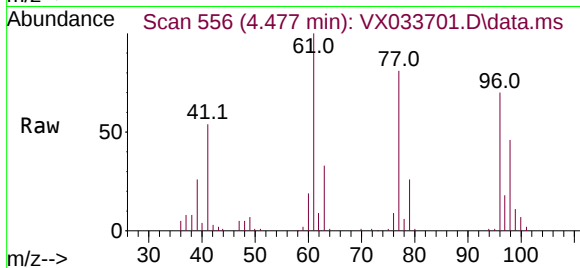




#31
2,2-Dichloropropane
Concen: 23.090 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

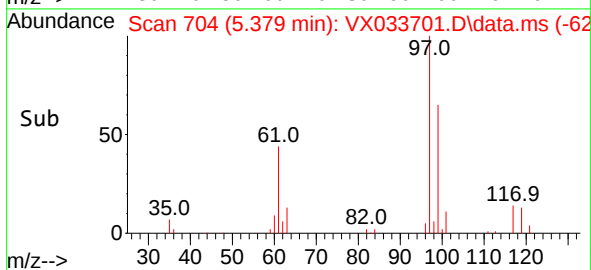
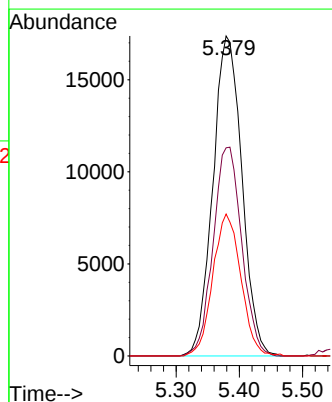
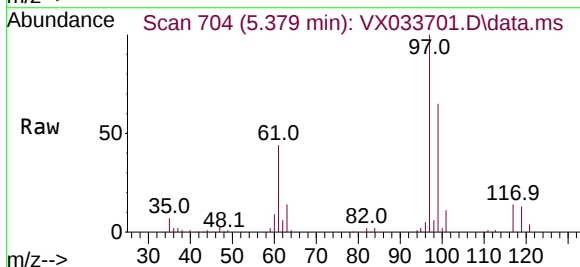
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

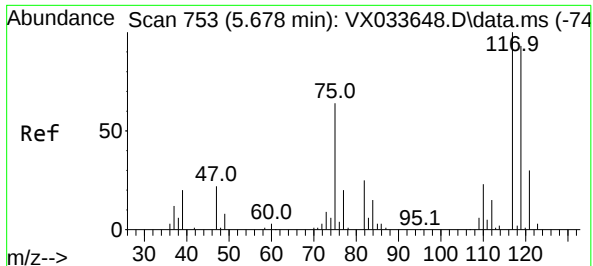
Tgt Ion: 77 Resp: 45623
Ion Ratio Lower Upper
77 100
97 23.9 19.0 28.6



#32
1,1,1-Trichloroethane
Concen: 20.655 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 97 Resp: 55340
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 42.8 35.4 53.2

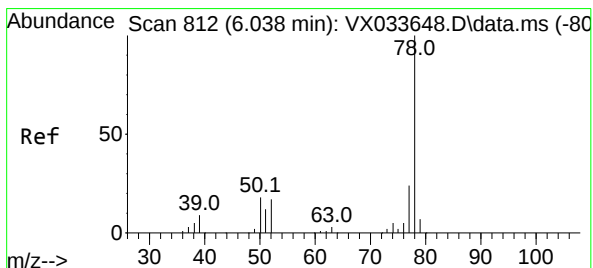
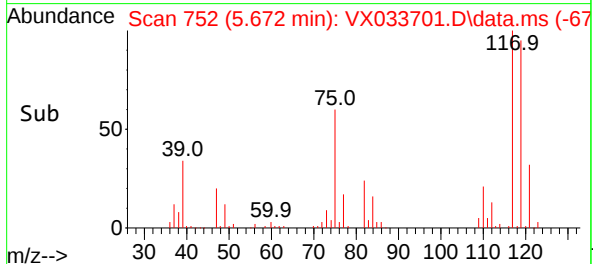
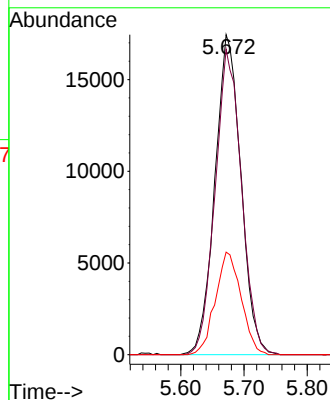
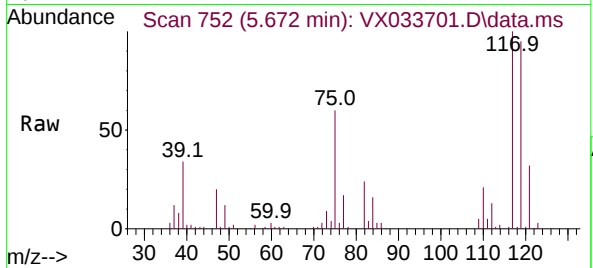




#33
Carbon Tetrachloride
Concen: 20.588 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

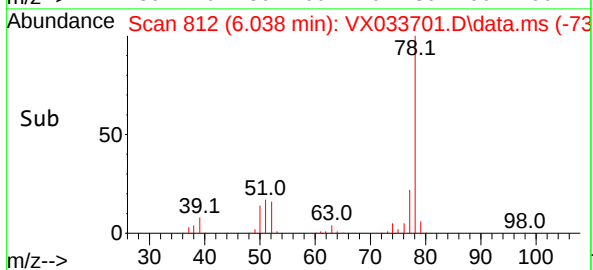
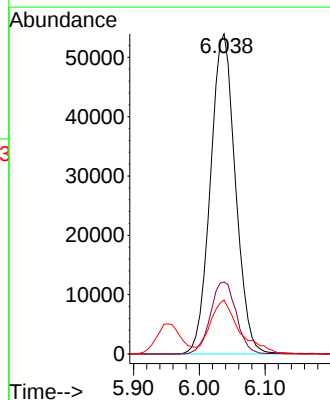
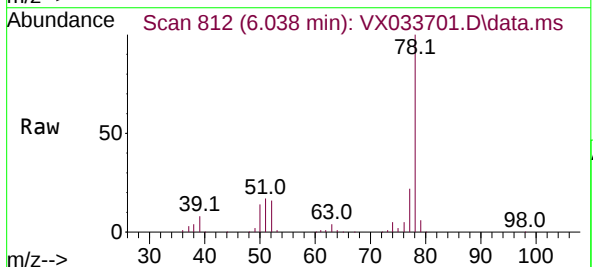
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

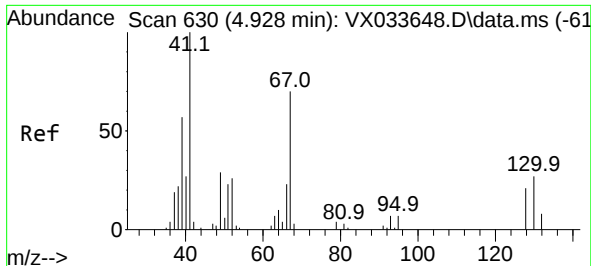
Tgt Ion:117 Resp: 49788
Ion Ratio Lower Upper
117 100
119 95.4 74.8 112.2
121 32.1 23.8 35.8



#34
Benzene
Concen: 21.366 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 78 Resp: 142448
Ion Ratio Lower Upper
78 100
77 22.5 19.5 29.3
51 16.5 13.0 19.6



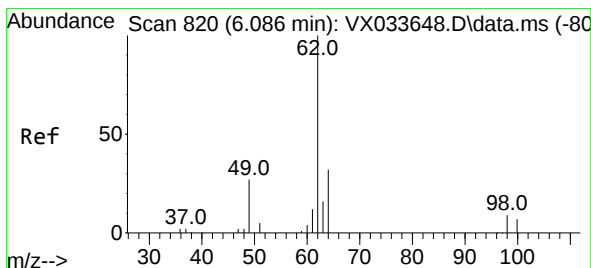
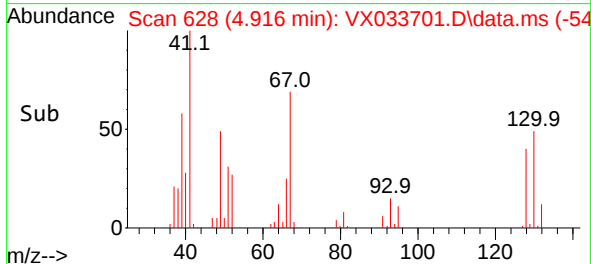
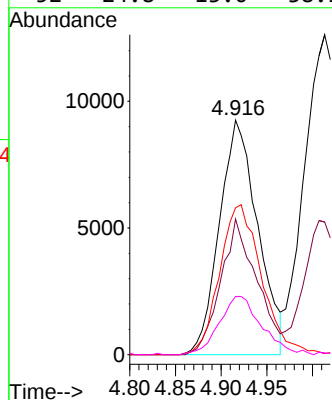
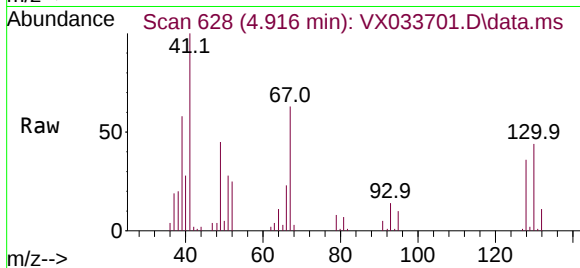


#35
Methacrylonitrile
Concen: 19.790 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 27025

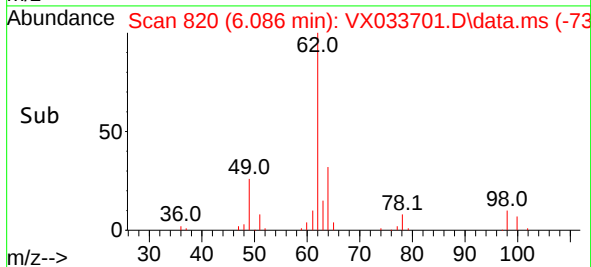
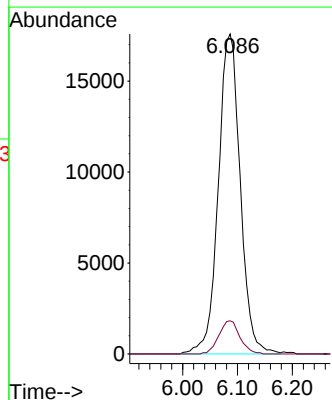
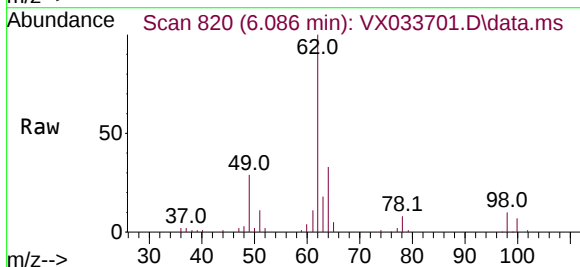
Ion	Ratio	Lower	Upper
41	100		
39	57.8	28.6	85.9
67	62.6	34.8	104.3
52	24.8	13.0	38.9

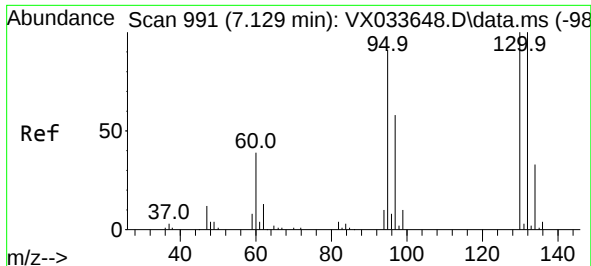


#36
1,2-Dichloroethane
Concen: 20.197 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 62 Resp: 48948

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.0





#37

Trichloroethene

Concen: 21.262 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

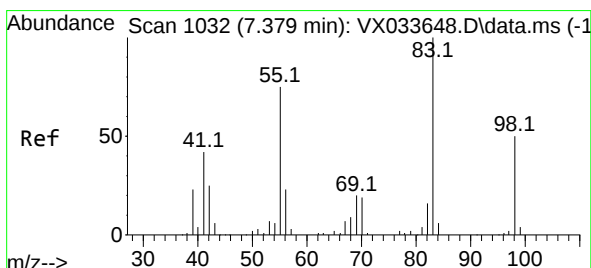
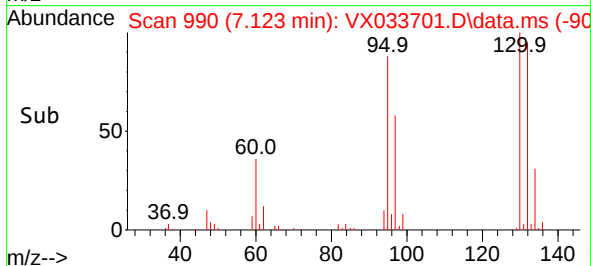
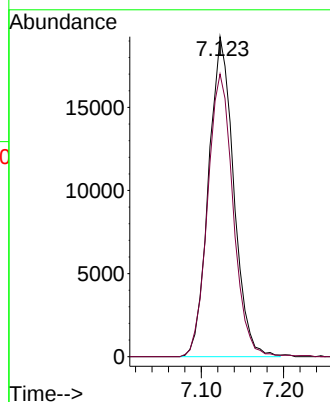
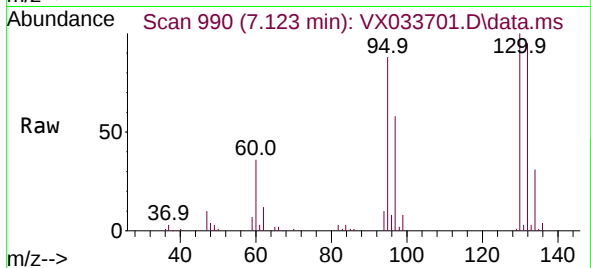
VSTDCCC020

Tgt Ion:130 Resp: 40880

Ion Ratio Lower Upper

130 100

95 88.4 73.1 109.7



#38

Methylcyclohexane

Concen: 21.736 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

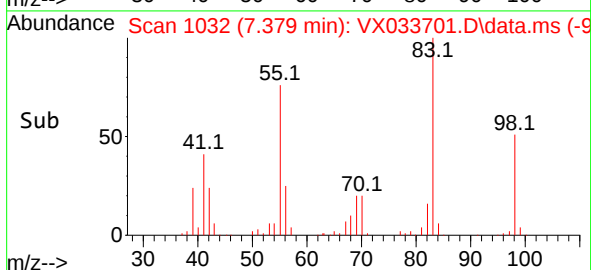
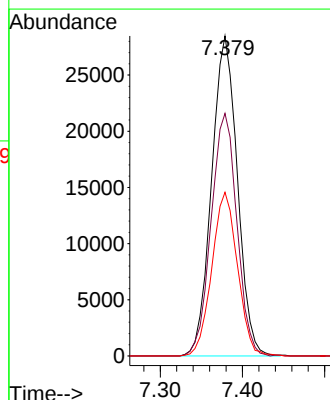
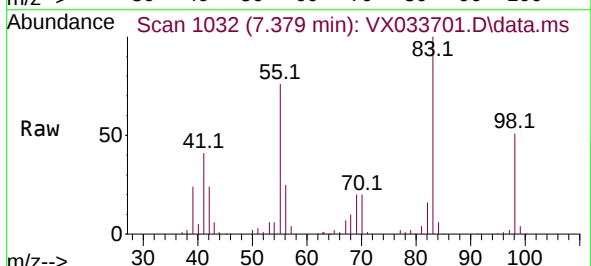
Tgt Ion: 83 Resp: 62026

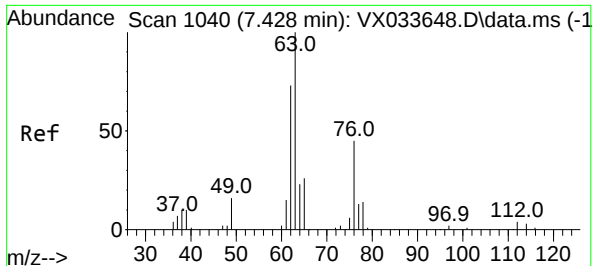
Ion Ratio Lower Upper

83 100

55 75.7 38.6 115.7

98 50.9 25.3 75.8





#39

1,2-Dichloropropane

Concen: 20.641 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

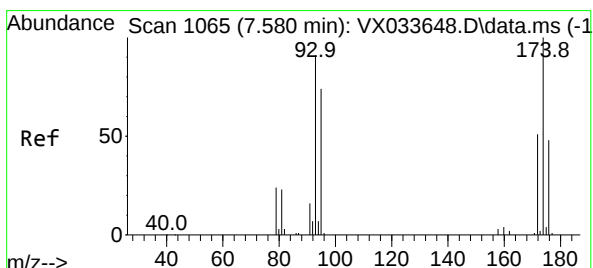
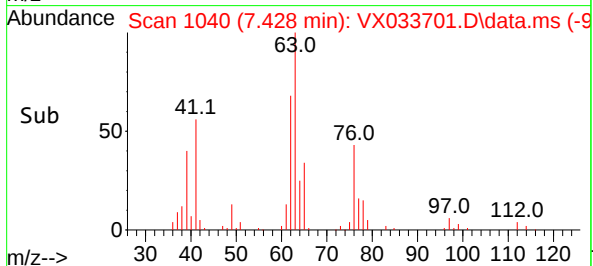
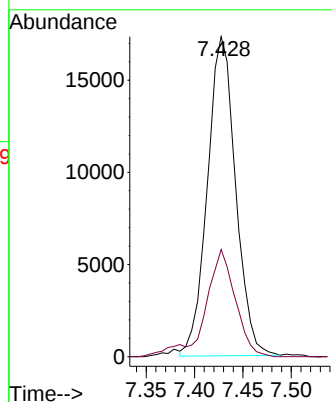
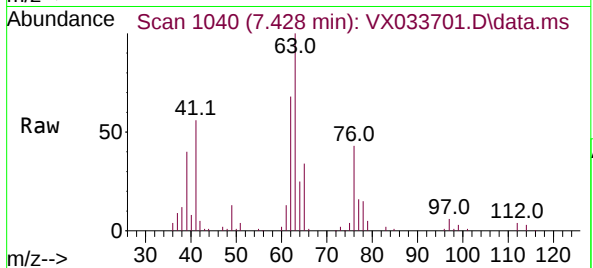
VSTDCCC020

Tgt Ion: 63 Resp: 35169

Ion Ratio Lower Upper

63 100

65 33.7 23.2 34.8



#40

Dibromomethane

Concen: 20.676 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

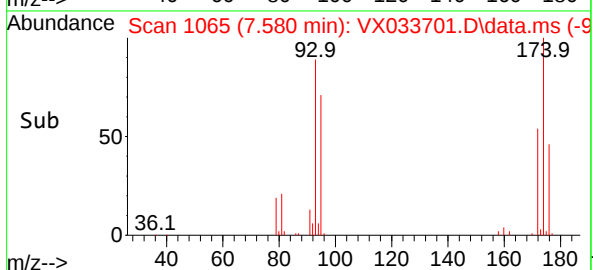
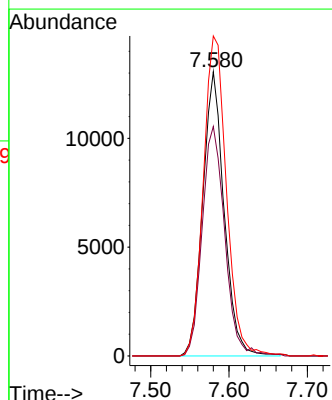
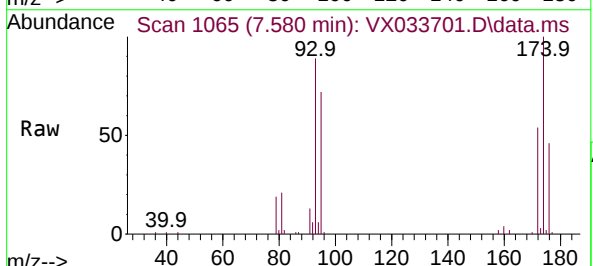
Tgt Ion: 93 Resp: 24757

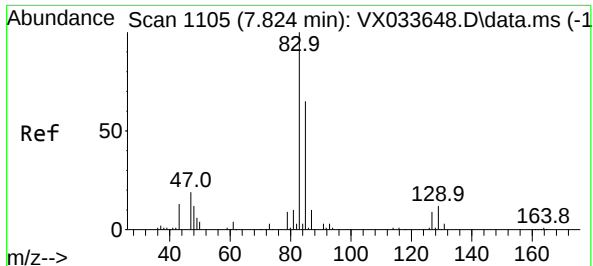
Ion Ratio Lower Upper

93 100

95 85.1 0.0 166.4

174 121.3 0.0 233.8

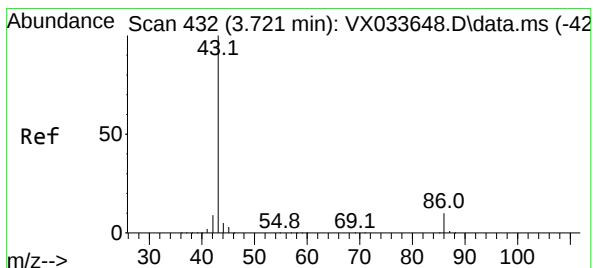
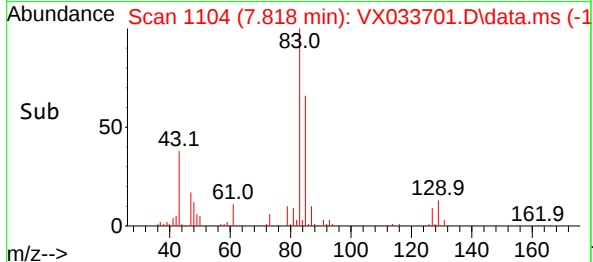
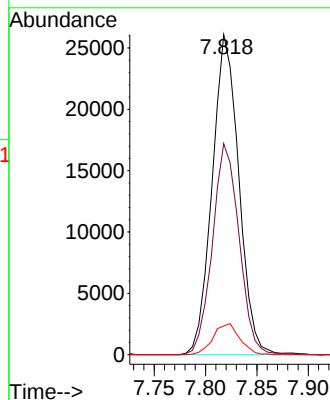
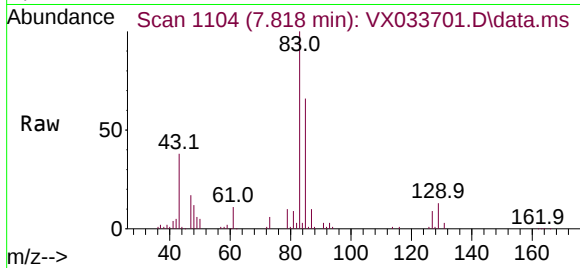




#41
Bromodichloromethane
Concen: 20.220 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

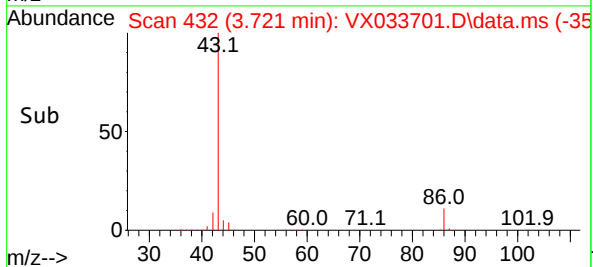
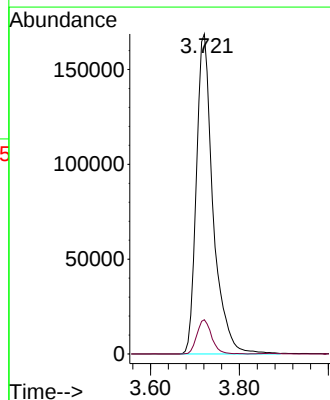
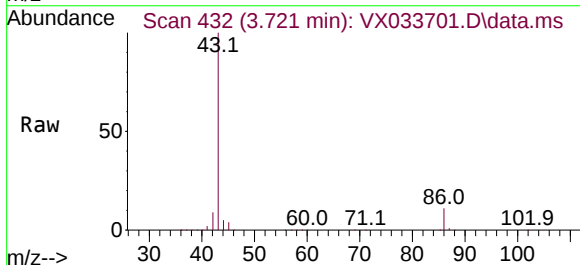
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

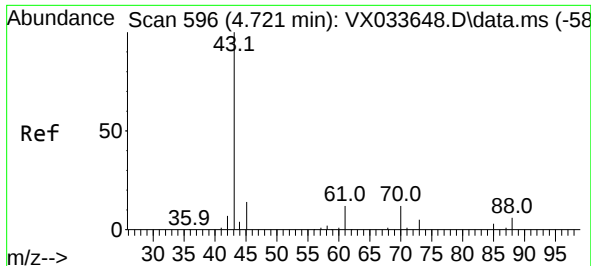
Tgt Ion: 83 Resp: 46962
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0
127 8.9 7.4 11.0



#42
Vinyl Acetate
Concen: 102.715 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 43 Resp: 439899
Ion Ratio Lower Upper
43 100
86 9.4 7.2 10.8

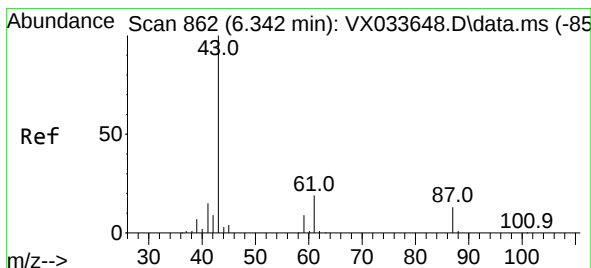
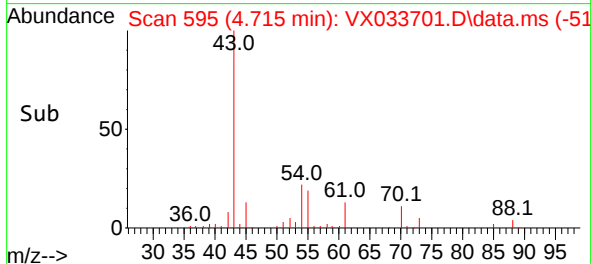
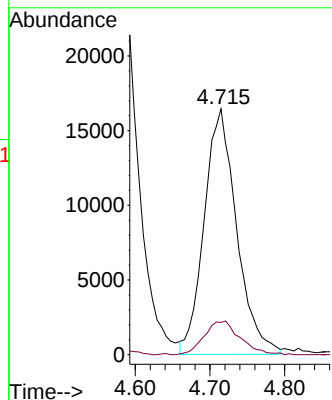
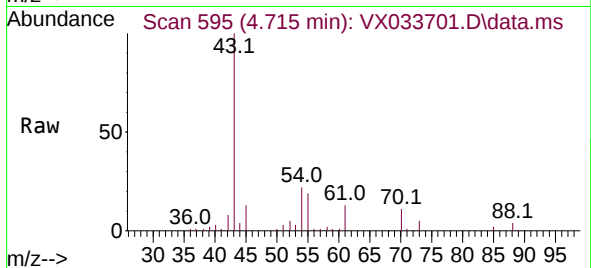




#43
Ethyl Acetate
Concen: 20.223 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

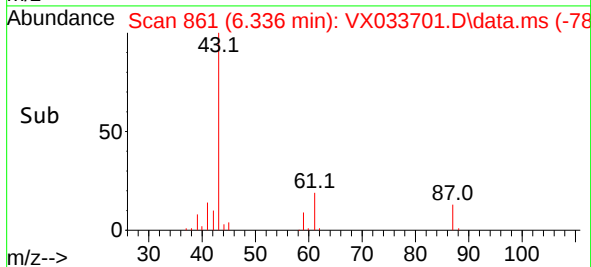
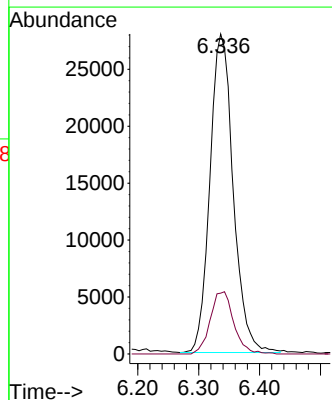
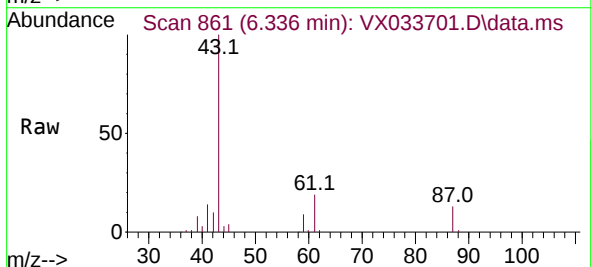
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

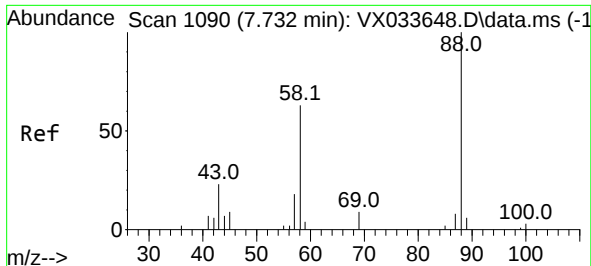
Tgt Ion: 43 Resp: 49661
Ion Ratio Lower Upper
43 100
45 15.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 43 Resp: 74295
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2

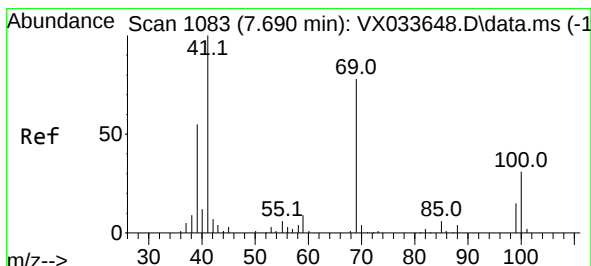
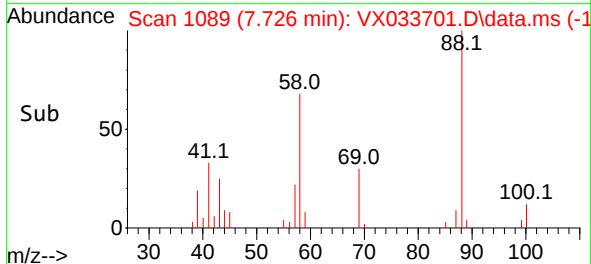
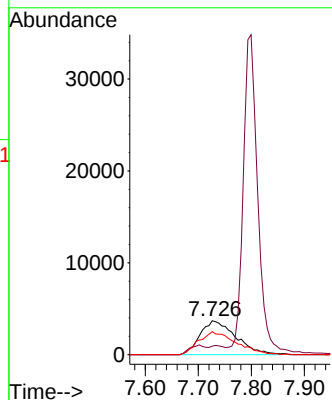
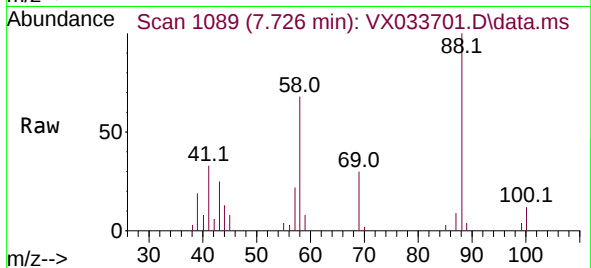




#45
1,4-Dioxane
Concen: 411.383 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

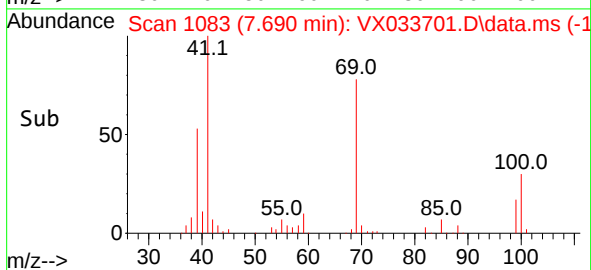
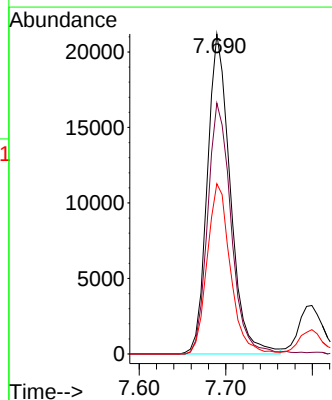
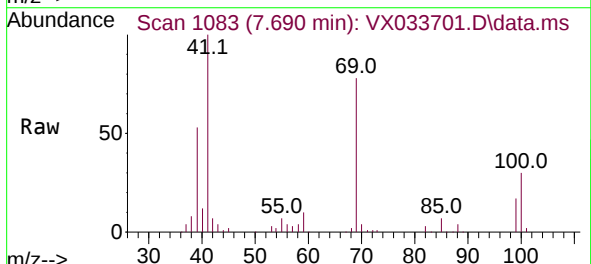
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

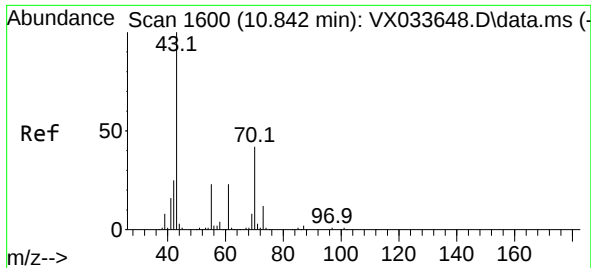
Tgt Ion: 88 Resp: 17291
Ion Ratio Lower Upper
88 100
43 8.6 1.2 1.8#
58 70.6 8.5 12.7#



#46
Methyl methacrylate
Concen: 20.009 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 41 Resp: 39030
Ion Ratio Lower Upper
41 100
69 78.4 39.1 117.3
39 53.2 27.7 83.0

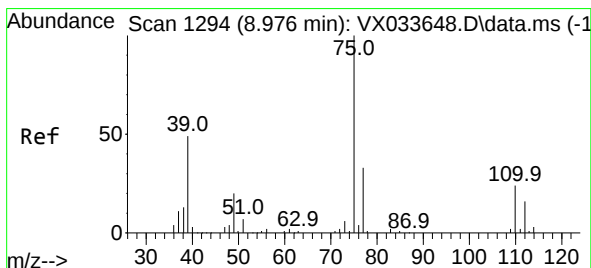
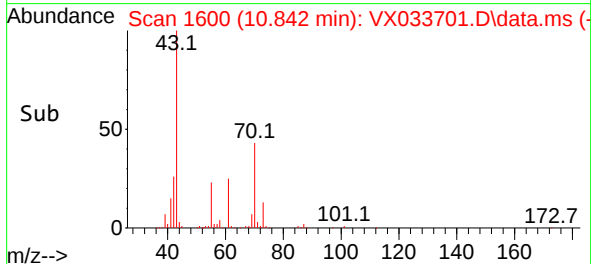
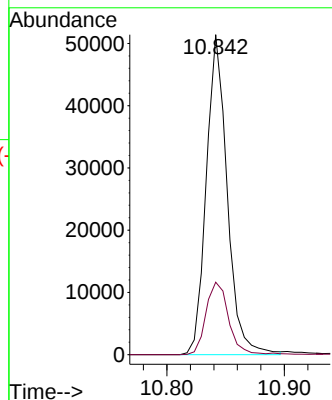
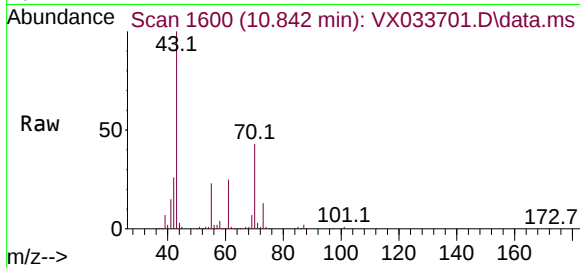




#47
n-amy1 Acetate
Concen: 19.371 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

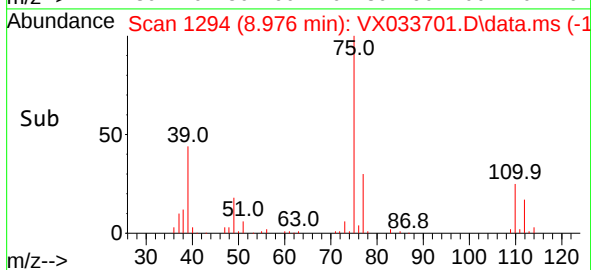
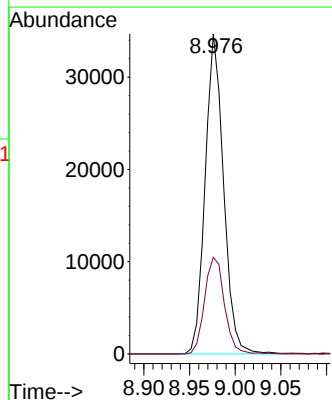
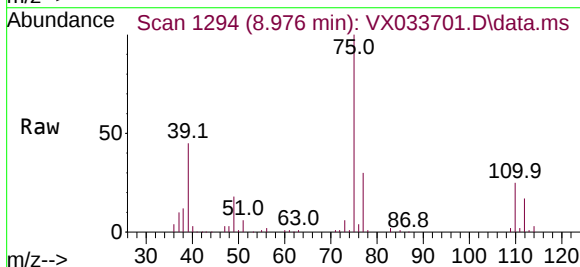
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

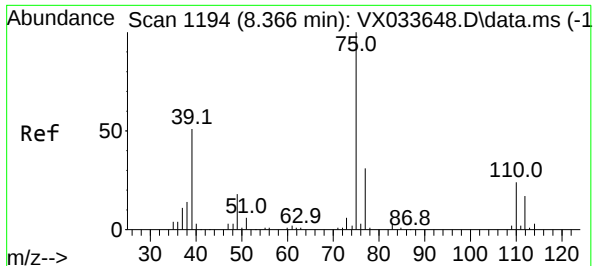
Tgt Ion: 43 Resp: 63540
Ion Ratio Lower Upper
43 100
55 24.3 19.3 28.9



#48
t-1,3-Dichloropropene
Concen: 20.412 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 75 Resp: 48441
Ion Ratio Lower Upper
75 100
77 30.2 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 20.913 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

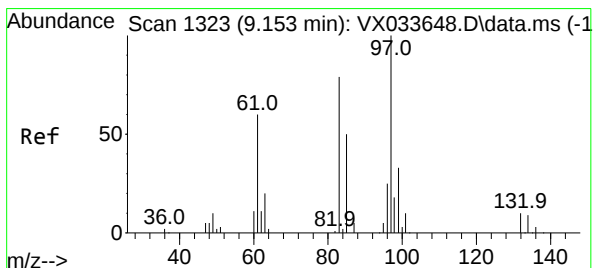
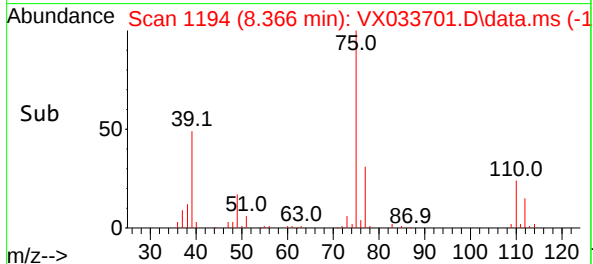
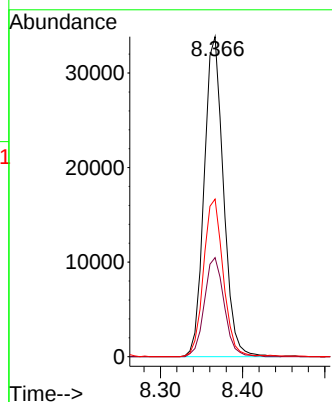
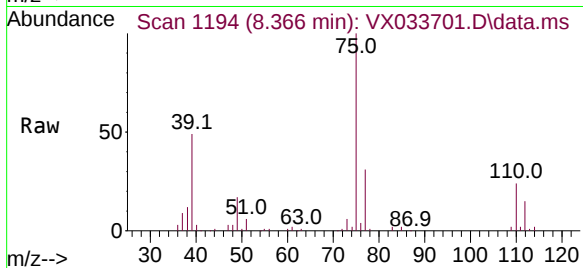
Tgt Ion: 75 Resp: 55120

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 49.3 40.7 61.1



#50

1,1,2-Trichloroethane

Concen: 20.385 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Tgt Ion: 97 Resp: 35431

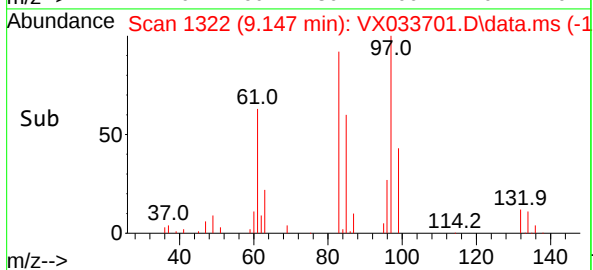
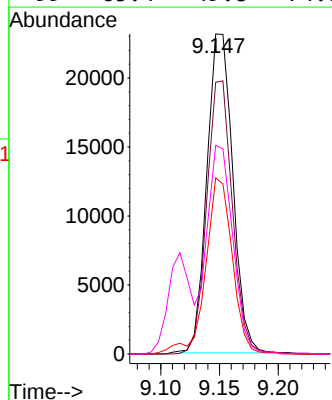
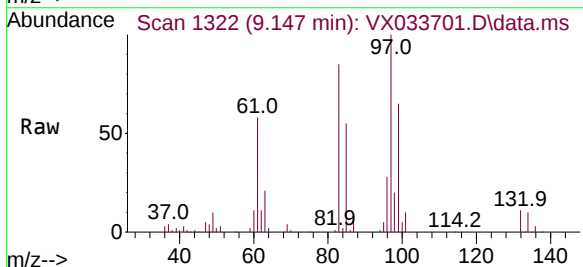
Ion Ratio Lower Upper

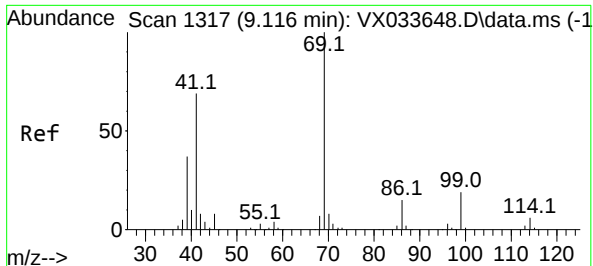
97 100

83 85.0 63.0 94.4

85 54.9 42.8 64.2

99 65.4 49.8 74.8

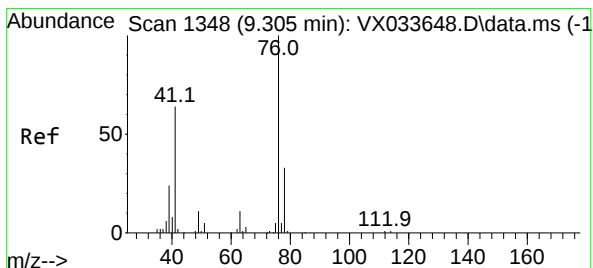
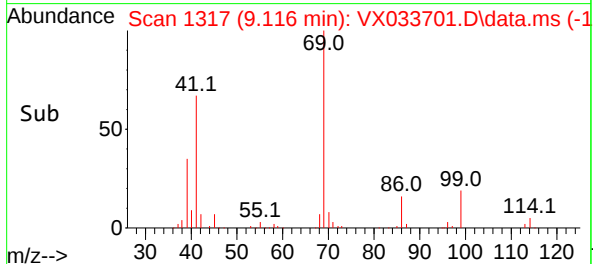
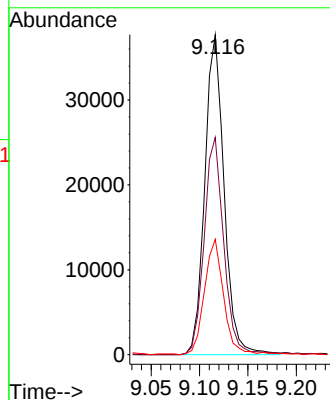
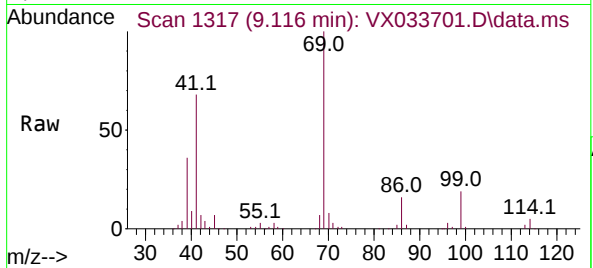




#51
Ethyl methacrylate
Concen: 20.257 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

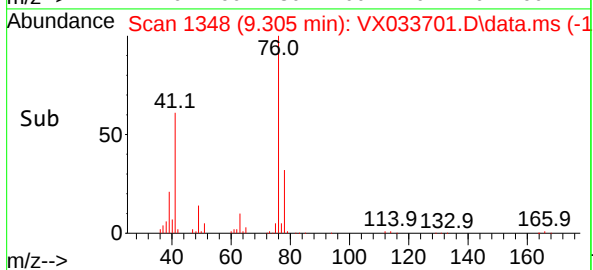
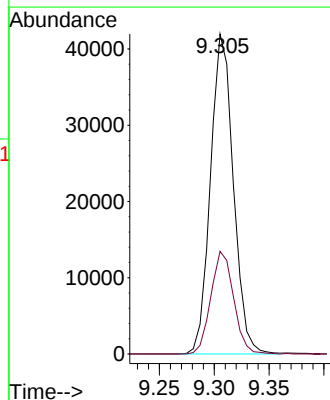
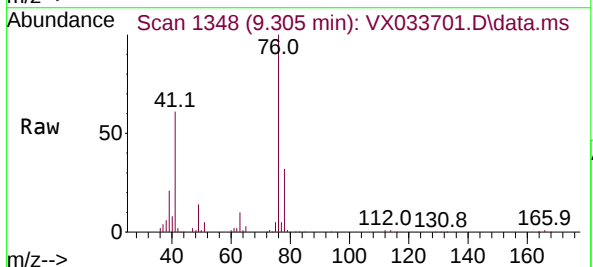
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

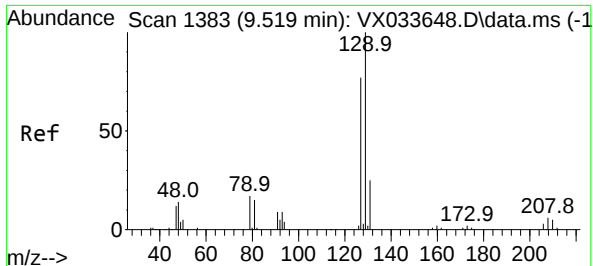
Tgt Ion: 69 Resp: 52503
Ion Ratio Lower Upper
69 100
41 67.9 34.3 102.9
39 36.1 18.3 54.9



#52
1,3-Dichloropropane
Concen: 20.914 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 76 Resp: 60884
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.6





#53

Dibromochloromethane

Concen: 20.812 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

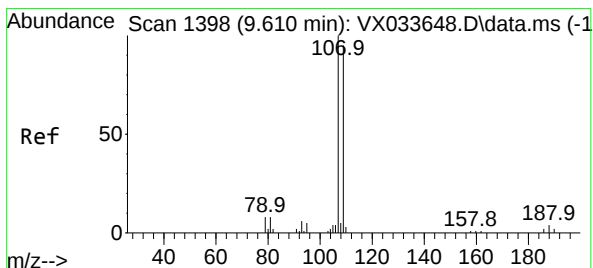
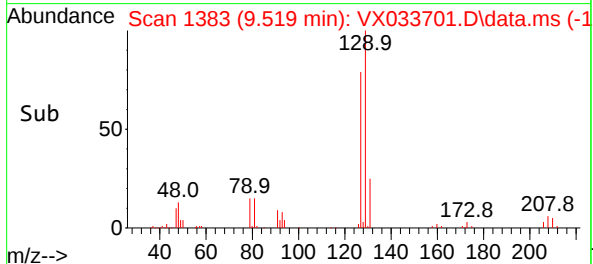
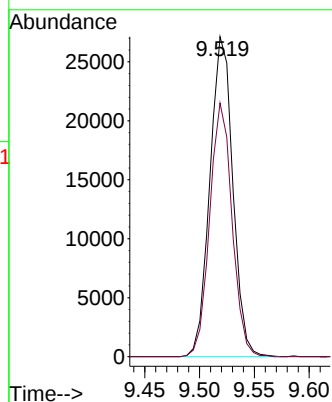
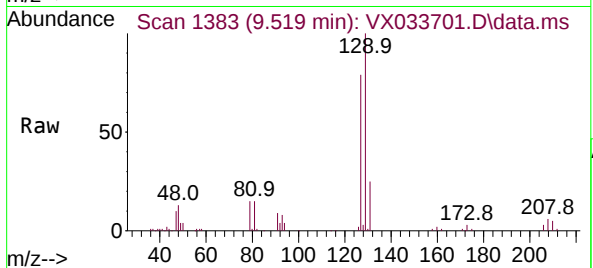
VSTDCCC020

Tgt Ion:129 Resp: 39428

Ion Ratio Lower Upper

129 100

127 77.3 39.8 119.4



#54

1,2-Dibromoethane

Concen: 20.292 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033701.D

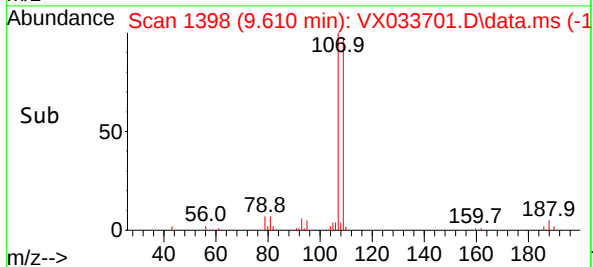
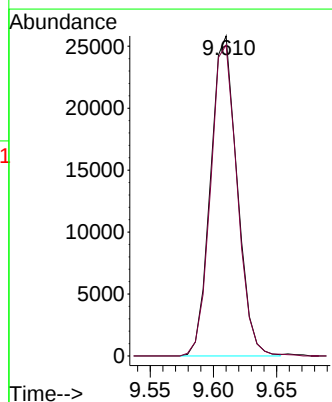
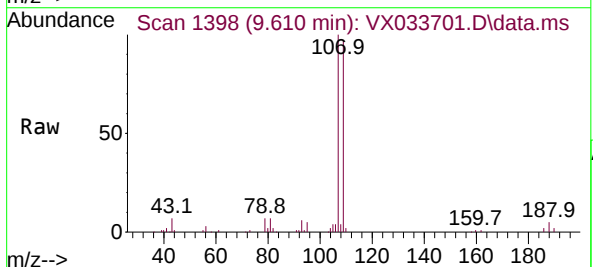
Acq: 12 Jan 2023 10:18

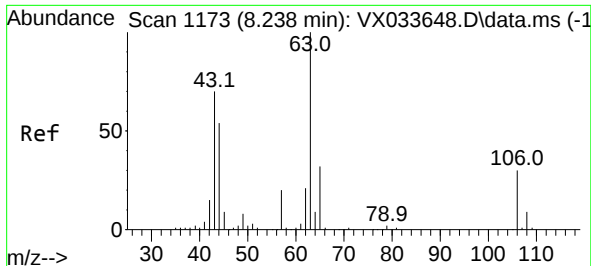
Tgt Ion:107 Resp: 37694

Ion Ratio Lower Upper

107 100

109 97.5 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 91.399 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

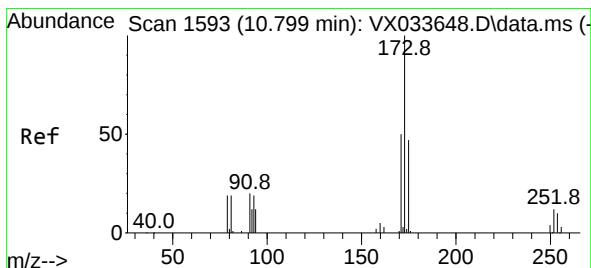
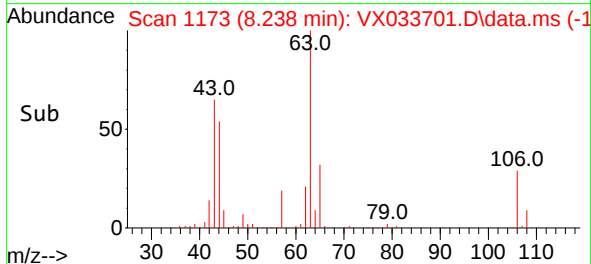
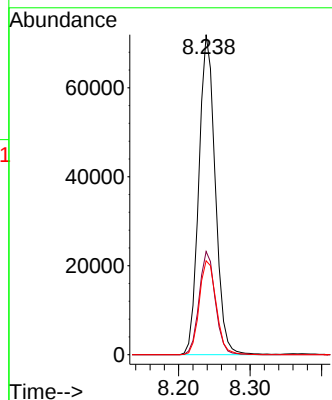
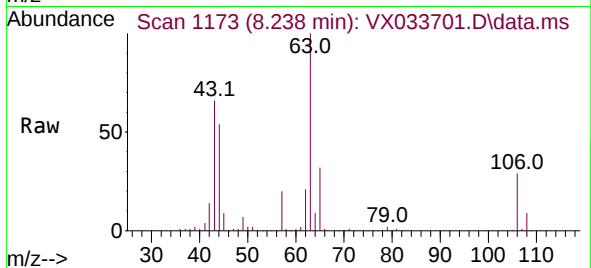
Tgt Ion: 63 Resp: 114523

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4

106 30.2 24.0 36.0



#56

Bromoform

Concen: 20.695 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

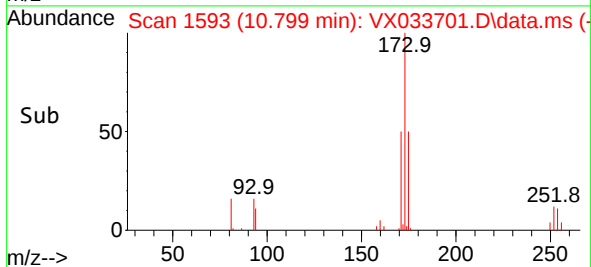
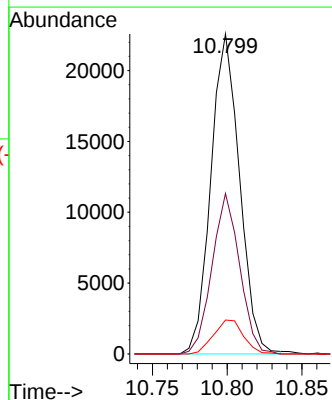
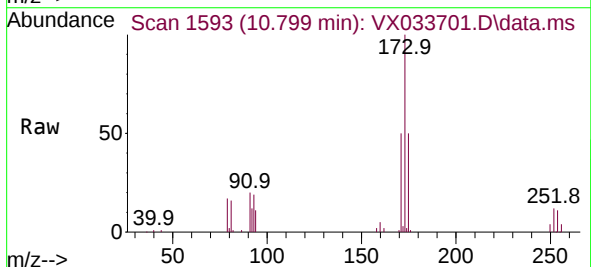
Tgt Ion:173 Resp: 30102

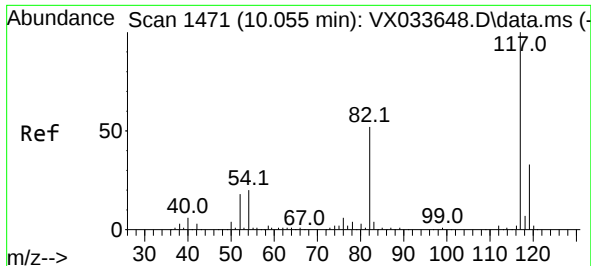
Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.4

254 11.1 8.6 13.0

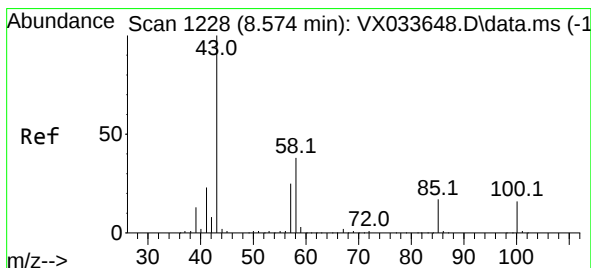
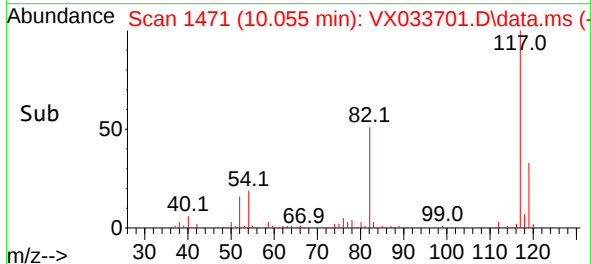
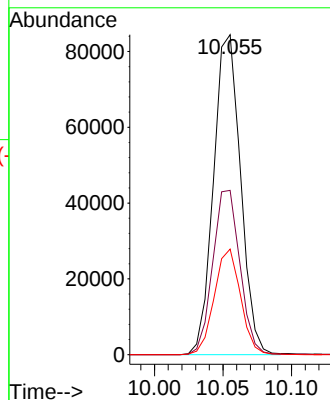
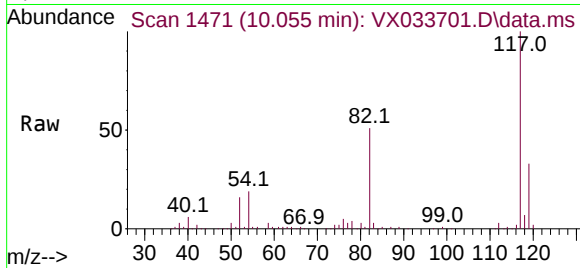




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

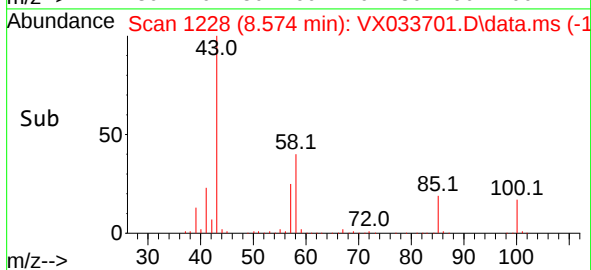
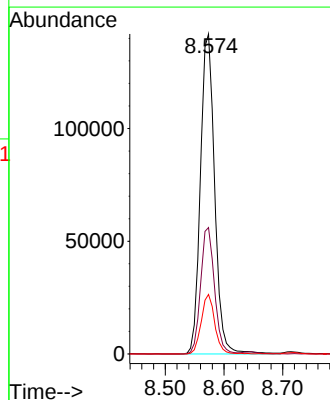
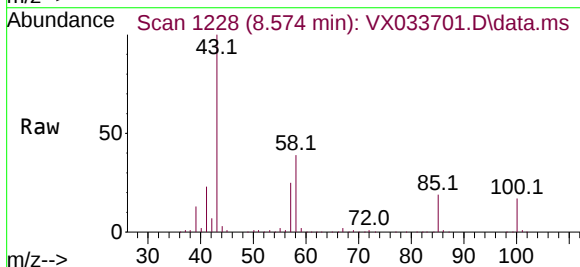
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

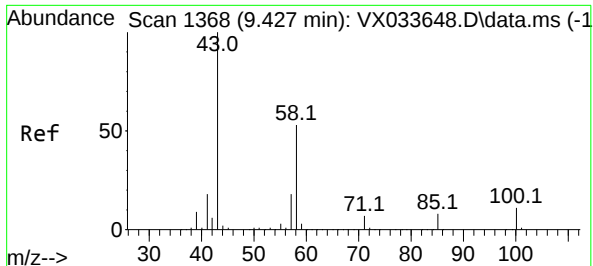
Tgt Ion:117 Resp: 115965
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 32.1 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 104.136 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 43 Resp: 239885
Ion Ratio Lower Upper
43 100
58 38.4 30.2 45.4
85 17.6 13.8 20.8

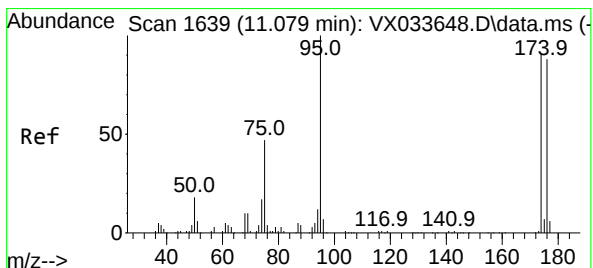
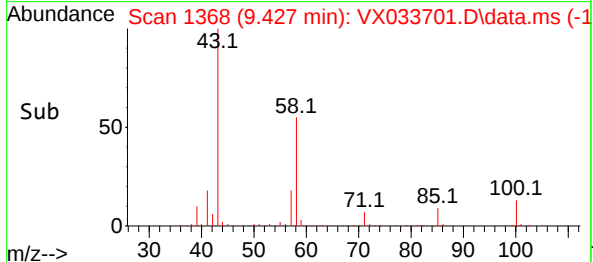
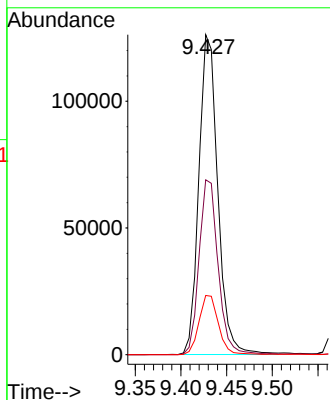
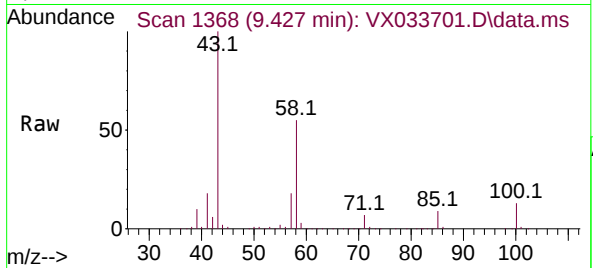




#59
2-Hexanone
Concen: 107.254 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

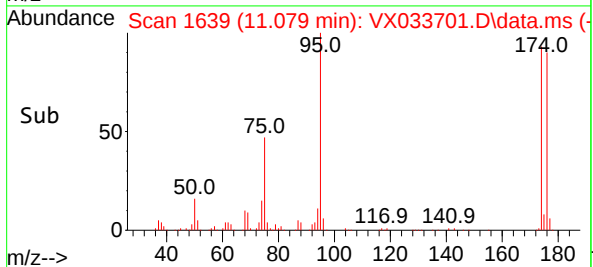
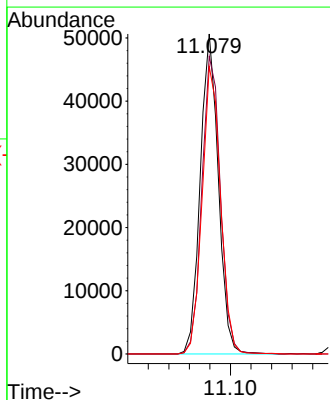
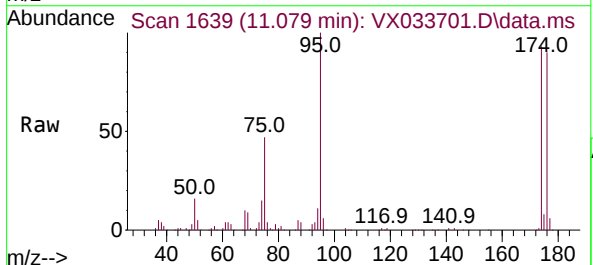
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

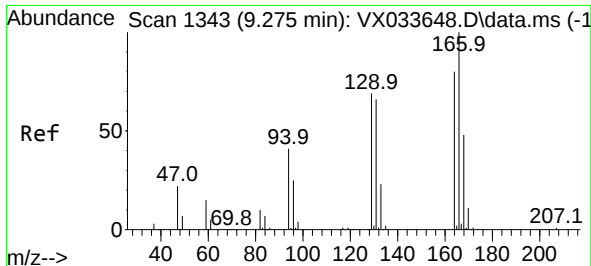
Tgt Ion: 43 Resp: 181832
Ion Ratio Lower Upper
43 100
58 54.7 42.9 64.3
57 18.9 15.0 22.6



#60
4-Bromofluorobenzene
Concen: 29.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 95 Resp: 61930
Ion Ratio Lower Upper
95 100
174 95.5 73.7 110.5
176 91.4 71.0 106.4

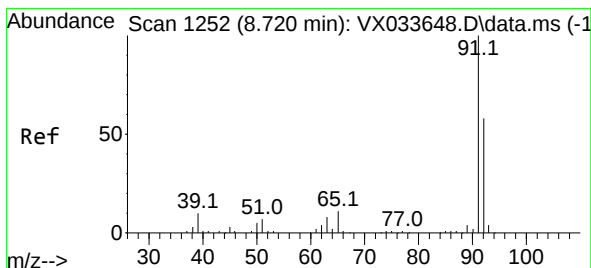
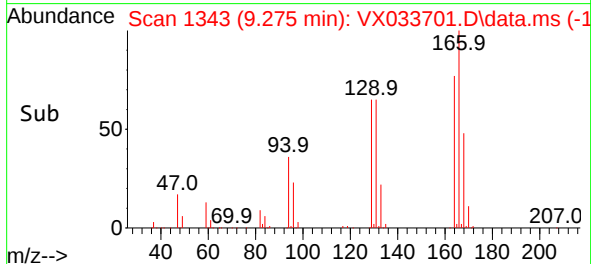
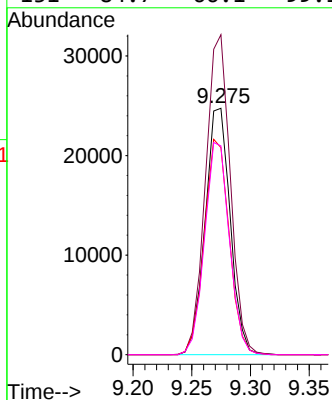
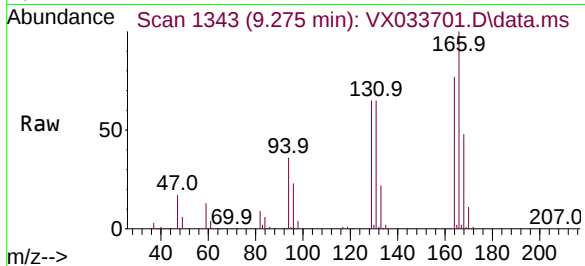




#61
Tetrachloroethene
Concen: 21.976 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

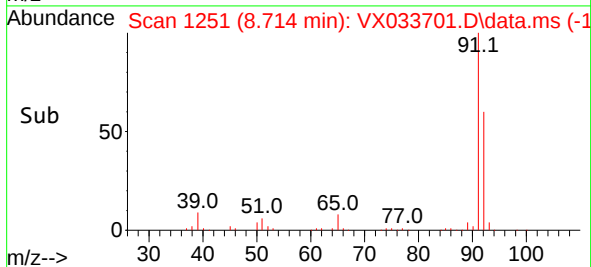
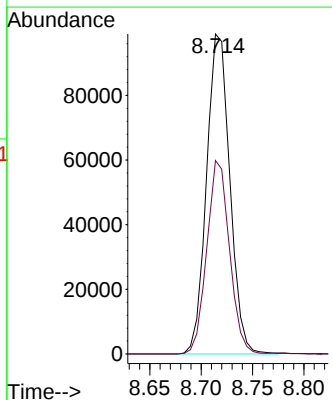
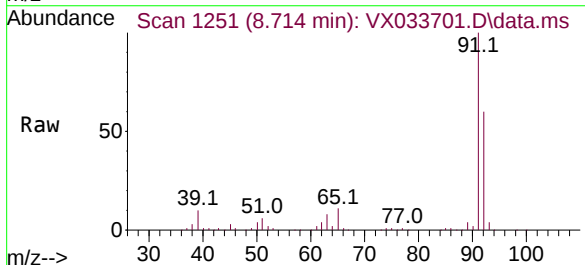
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

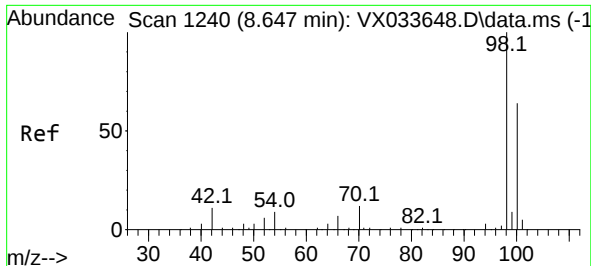
Tgt Ion:164 Resp: 36769
Ion Ratio Lower Upper
164 100
166 129.9 100.2 150.4
129 84.0 68.8 103.2
131 84.7 66.1 99.1



#62
Toluene
Concen: 21.443 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 91 Resp: 156533
Ion Ratio Lower Upper
91 100
92 59.0 45.8 68.8

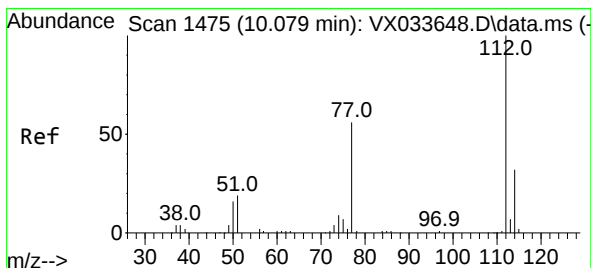
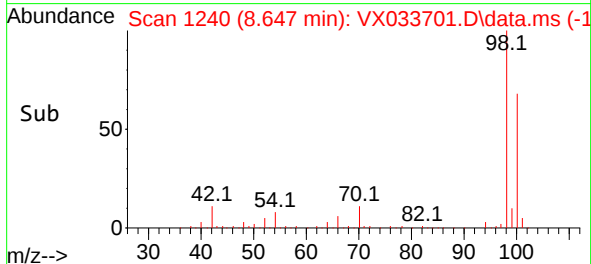
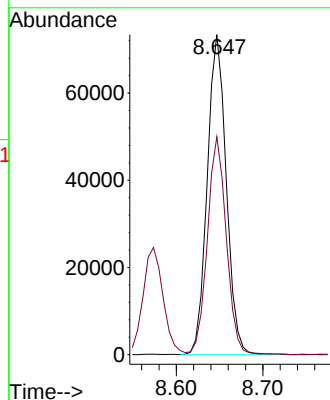
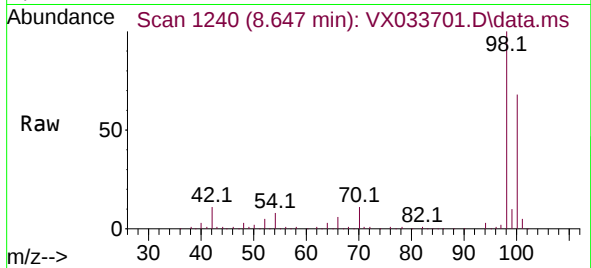




#63
Toluene-d8
Concen: 30.177 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

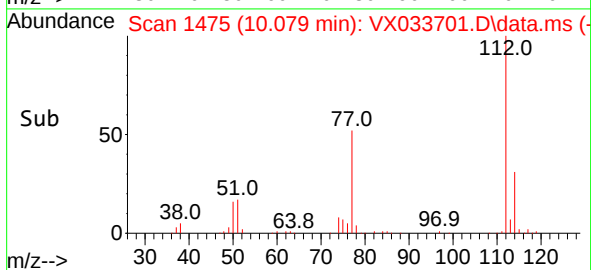
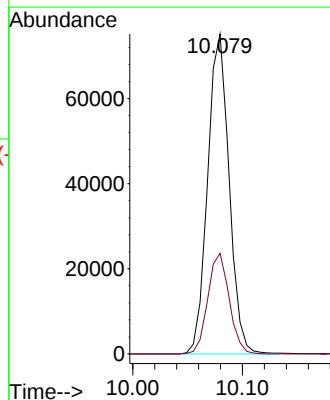
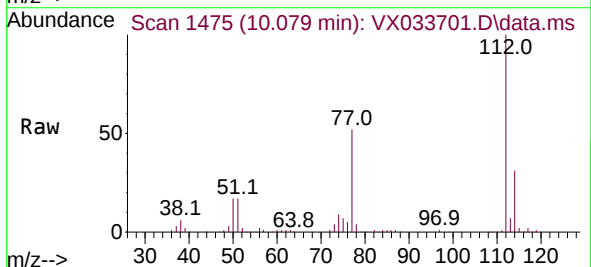
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

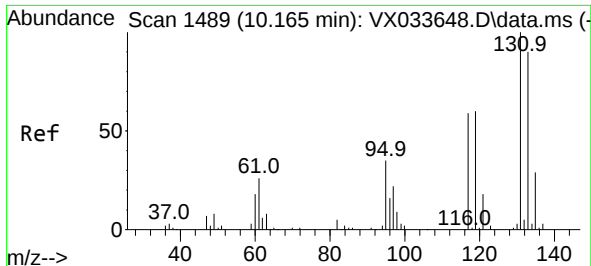
Tgt Ion: 98 Resp: 111996
Ion Ratio Lower Upper
98 100
100 67.8 53.1 79.7



#64
Chlorobenzene
Concen: 21.778 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 112 Resp: 102392
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

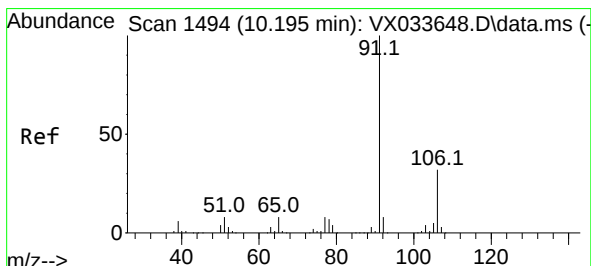
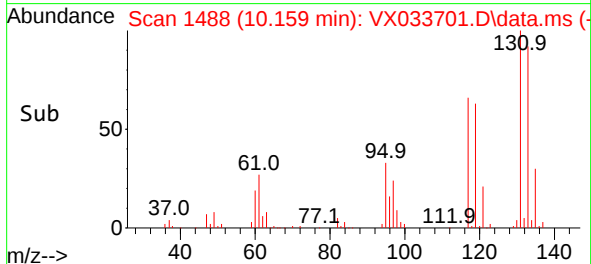
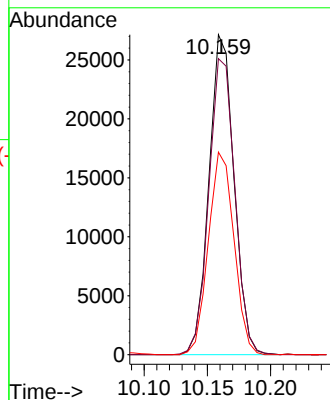
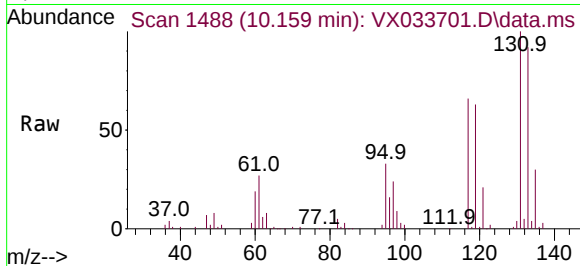




#65
1,1,1,2-Tetrachloroethane
Concen: 21.119 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

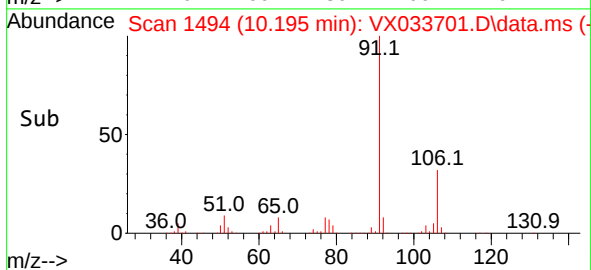
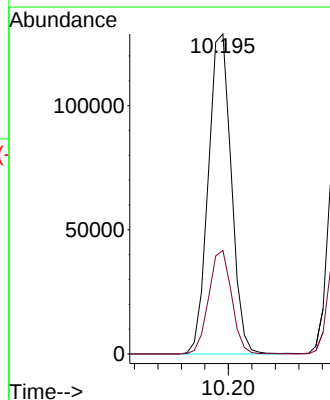
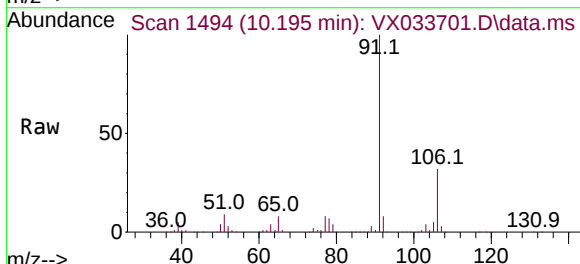
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

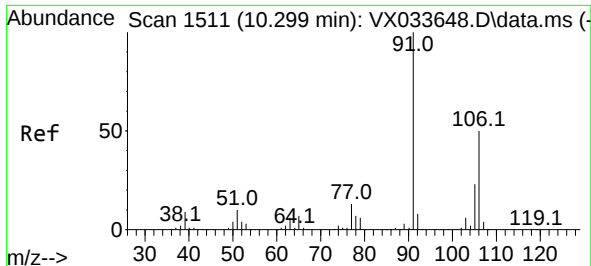
Tgt Ion:131 Resp: 37371
Ion Ratio Lower Upper
131 100
133 96.3 0.0 187.6
119 64.8 0.0 124.0



#66
Ethyl Benzene
Concen: 21.559 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 91 Resp: 175508
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8





#67

m/p-Xylenes

Concen: 43.467 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

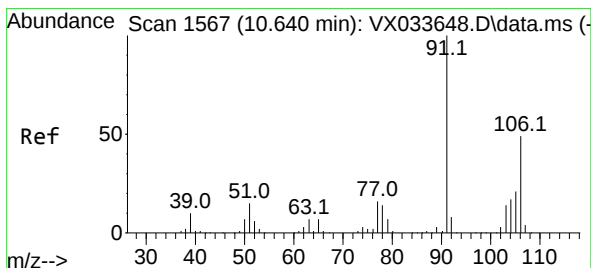
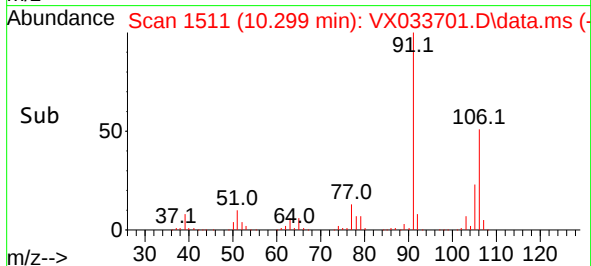
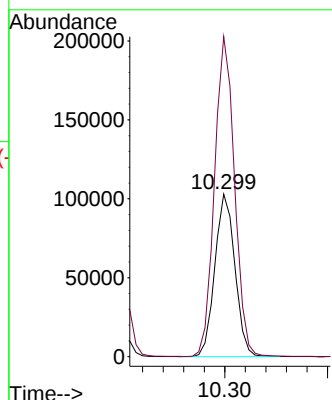
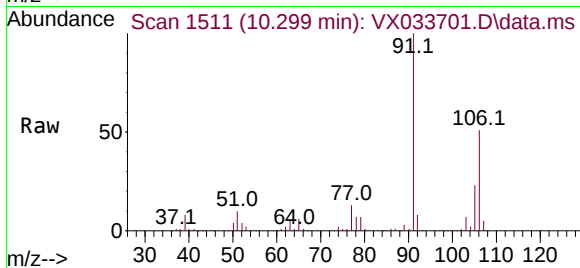
VSTDCCC020

Tgt Ion:106 Resp: 139661

Ion Ratio Lower Upper

106 100

91 196.7 157.3 235.9



#68

o-Xylene

Concen: 21.361 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033701.D

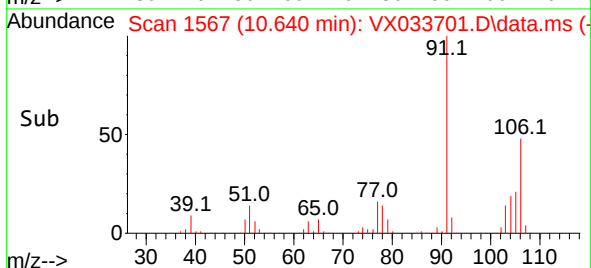
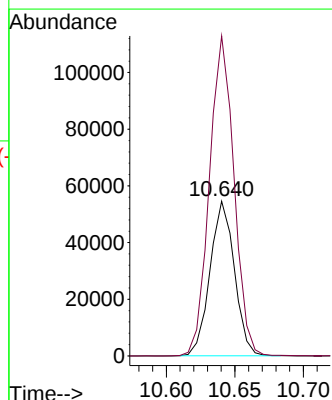
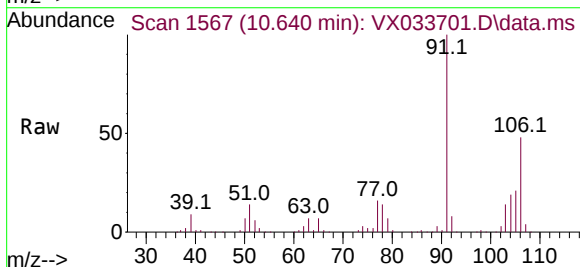
Acq: 12 Jan 2023 10:18

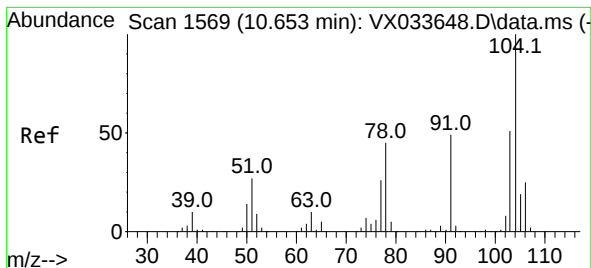
Tgt Ion:106 Resp: 67458

Ion Ratio Lower Upper

106 100

91 208.9 104.6 313.8





#69

Styrene

Concen: 21.721 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

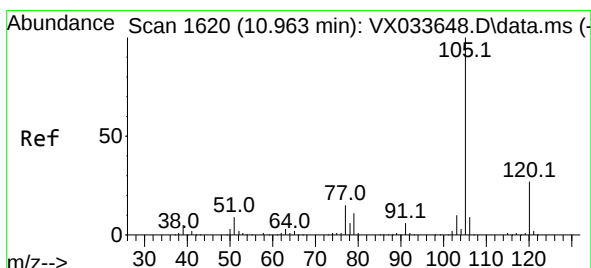
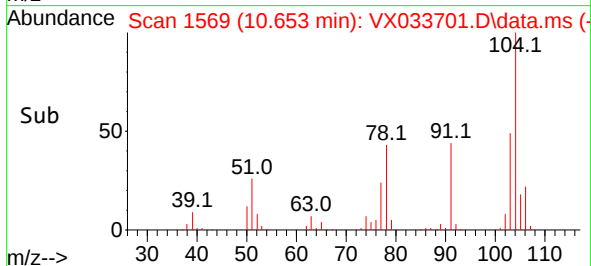
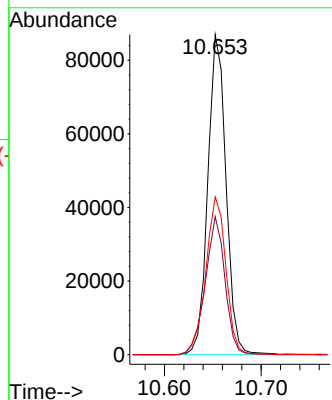
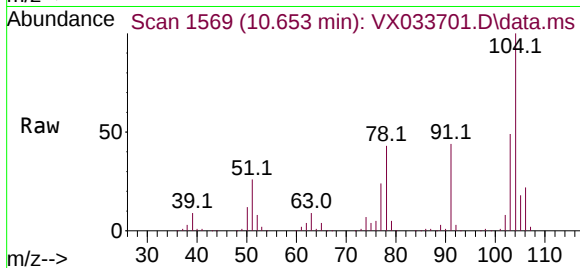
Tgt Ion:104 Resp: 113533

Ion Ratio Lower Upper

104 100

78 46.8 39.3 58.9

103 54.6 43.2 64.8



#70

Isopropylbenzene

Concen: 21.999 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033701.D

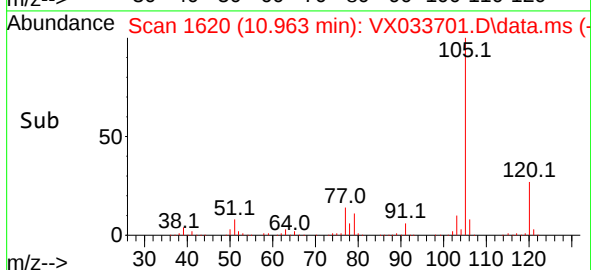
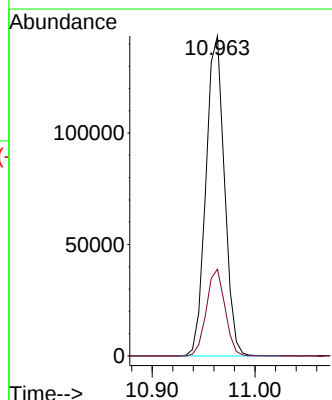
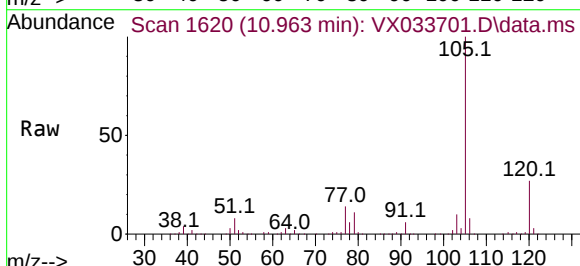
Acq: 12 Jan 2023 10:18

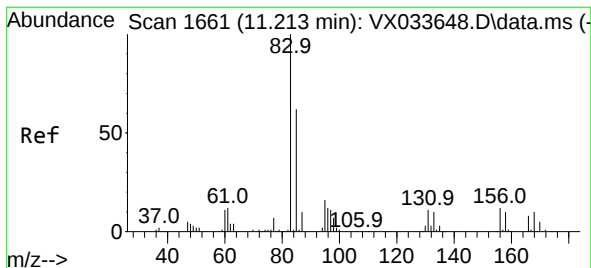
Tgt Ion:105 Resp: 179922

Ion Ratio Lower Upper

105 100

120 27.3 18.7 34.7

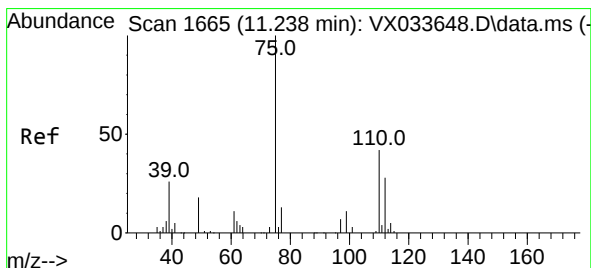
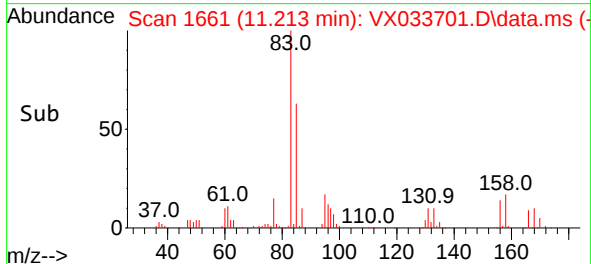
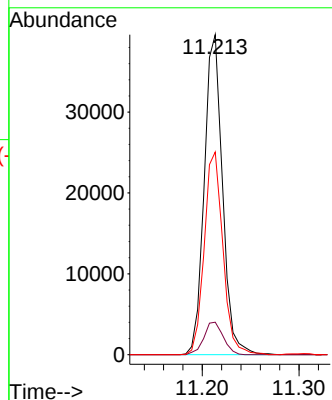
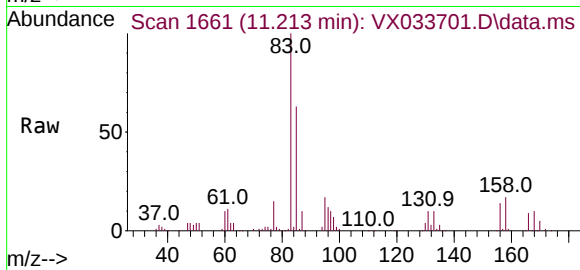




#71
1,1,2-Tetrachloroethane
Concen: 21.144 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

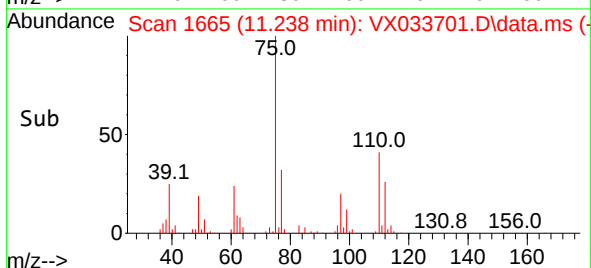
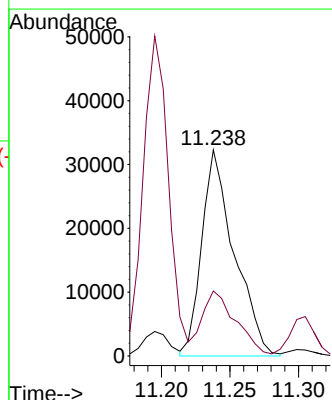
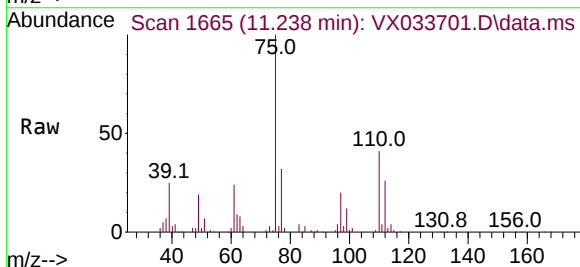
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

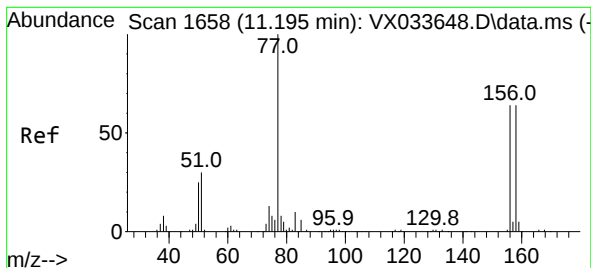
Tgt Ion: 83 Resp: 52069
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.8 32.4 97.0



#72
1,2,3-Trichloropropane
Concen: 23.920 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 75 Resp: 53363
Ion Ratio Lower Upper
75 100
77 33.1 0.0 74.6





#73

Bromobenzene

Concen: 21.869 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

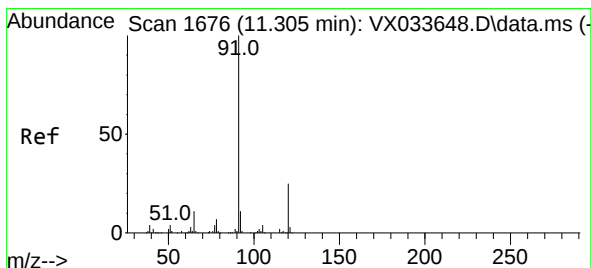
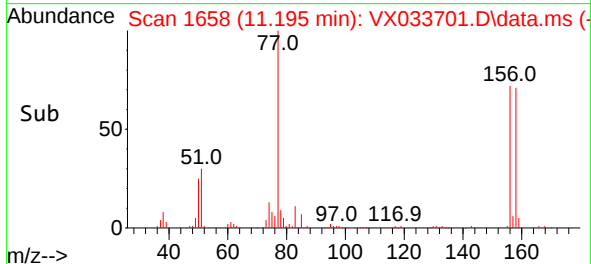
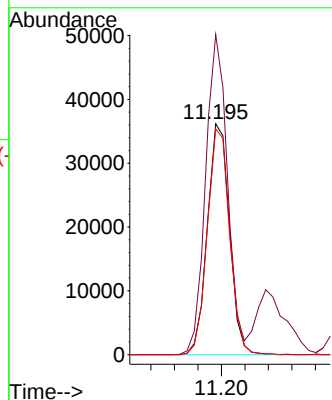
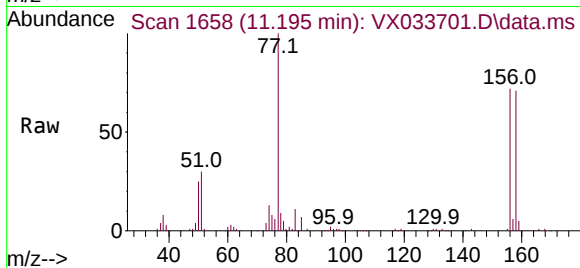
Tgt Ion:156 Resp: 47335

Ion Ratio Lower Upper

156 100

77 136.7 0.0 287.2

158 98.5 0.0 196.2



#74

n-propylbenzene

Concen: 21.998 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033701.D

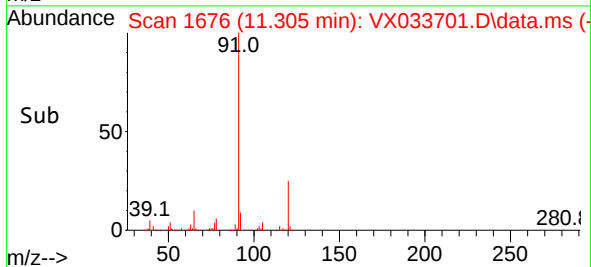
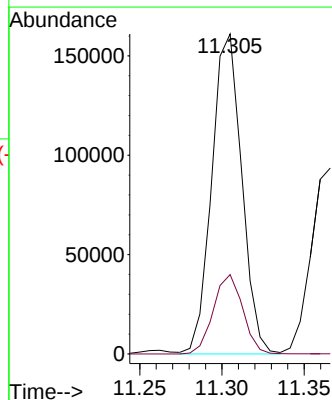
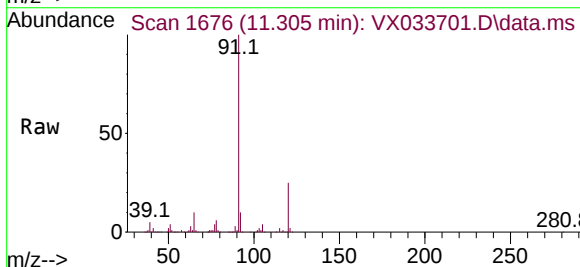
Acq: 12 Jan 2023 10:18

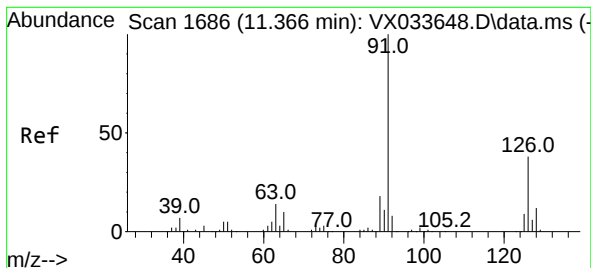
Tgt Ion: 91 Resp: 204265

Ion Ratio Lower Upper

91 100

120 24.3 0.0 48.8

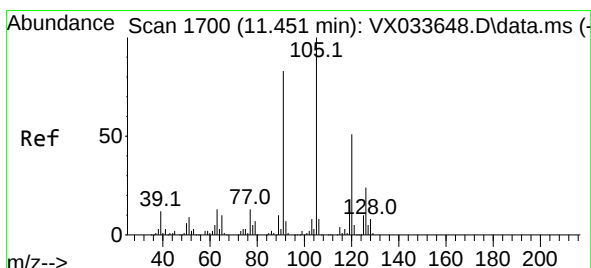
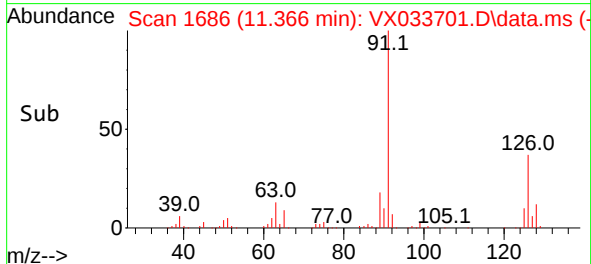
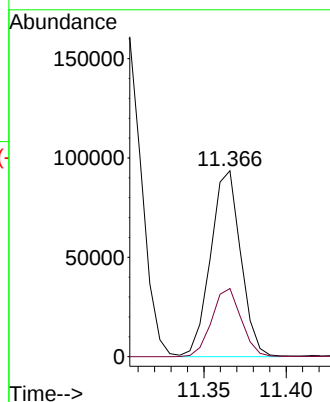
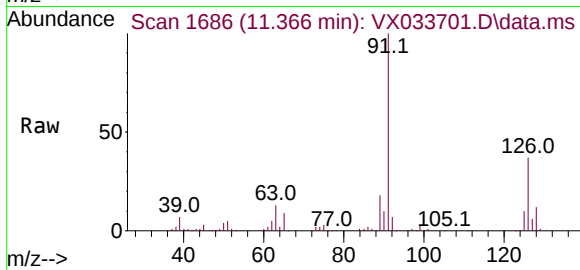




#75
2-Chlorotoluene
Concen: 21.516 ug/l
RT: 11.366 min Scan# 119498
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

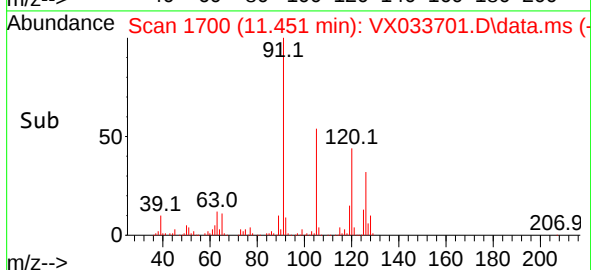
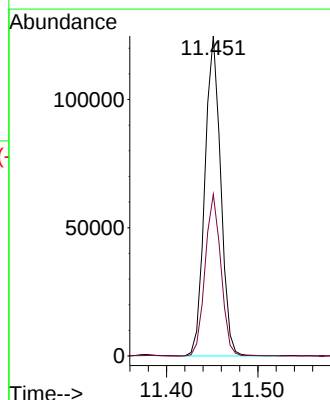
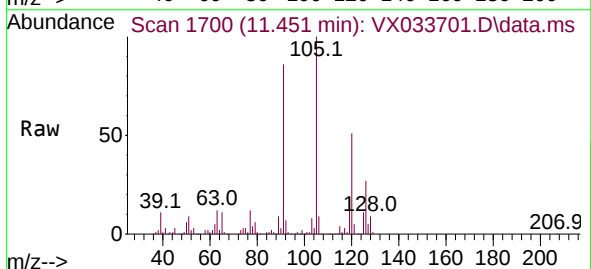
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

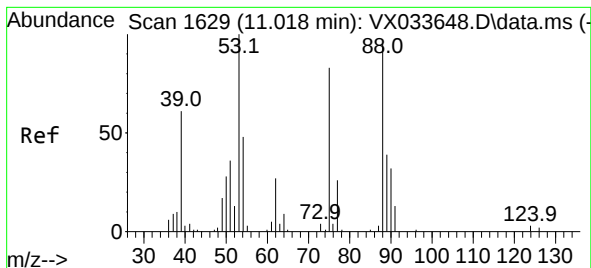
Tgt Ion: 91 Resp: 119498
Ion Ratio Lower Upper
91 100
126 35.9 0.0 72.0



#76
1,3,5-Trimethylbenzene
Concen: 22.068 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 105 Resp: 149846
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.4

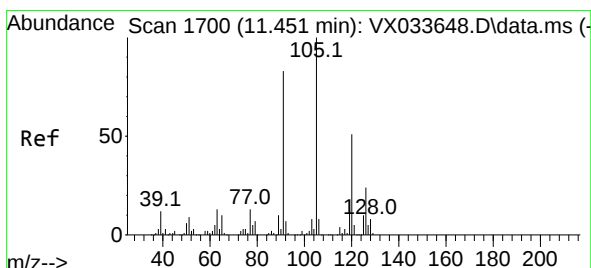
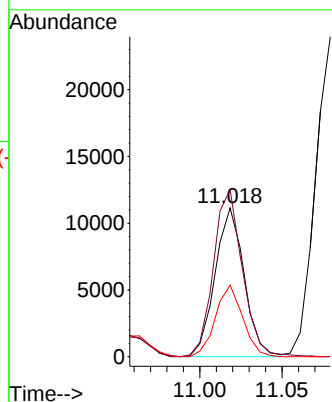
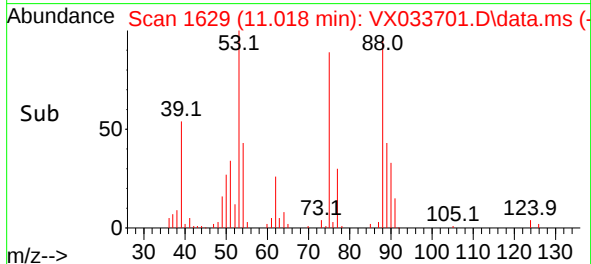
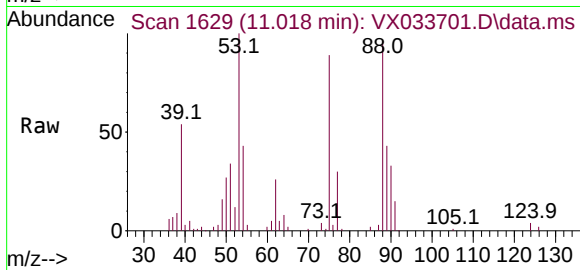




#77
t-1,4-Dichloro-2-butene
Concen: 20.516 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

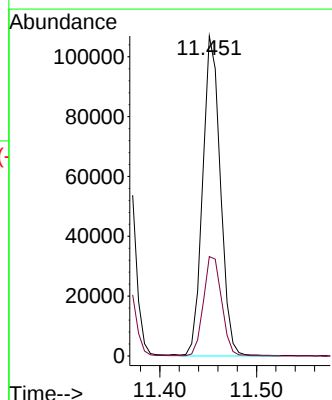
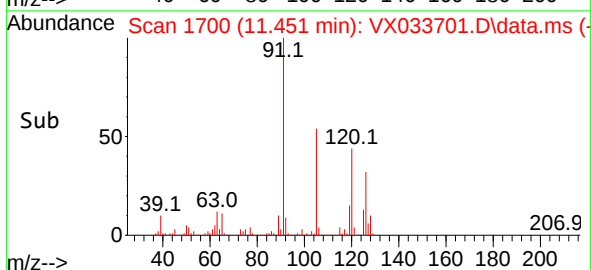
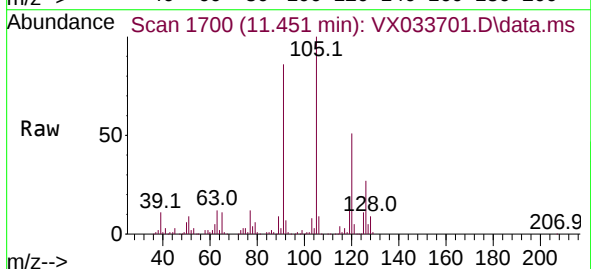
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

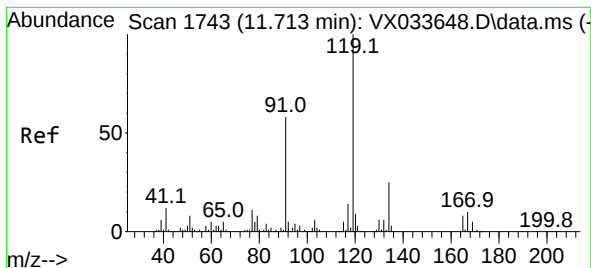
Tgt Ion: 75 Resp: 13693
Ion Ratio Lower Upper
75 100
53 112.3 60.2 180.6
89 48.1 23.2 69.6



#78
4-Chlorotoluene
Concen: 21.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 91 Resp: 136336
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.6





#79

tert-butylbenzene

Concen: 22.046 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

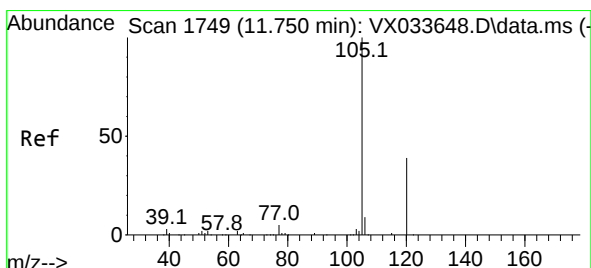
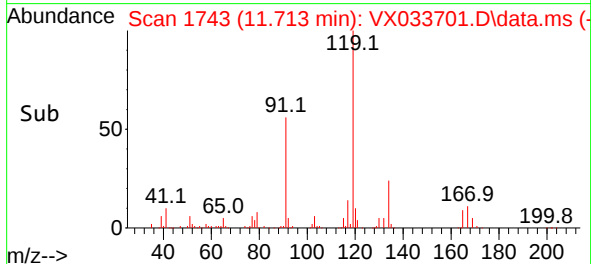
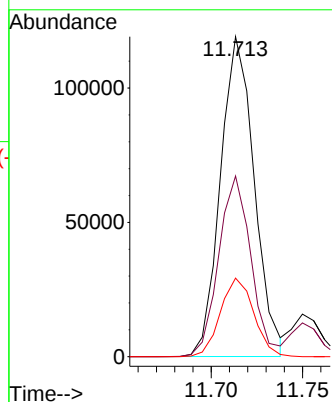
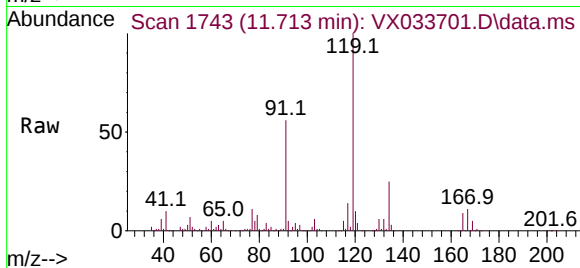
Tgt Ion:119 Resp: 153528

Ion Ratio Lower Upper

119 100

91 54.0 0.0 111.0

134 24.2 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 21.965 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033701.D

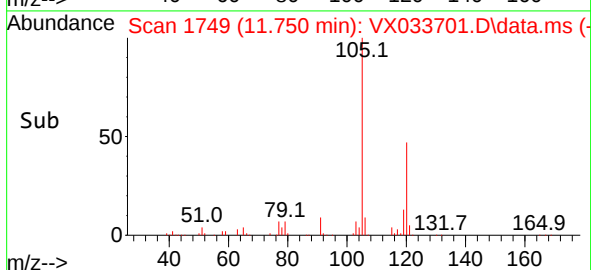
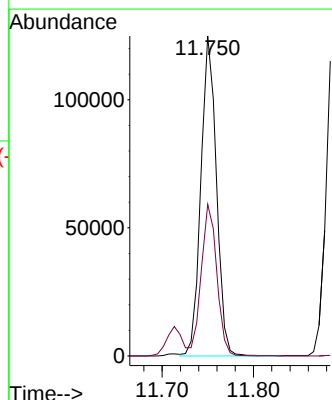
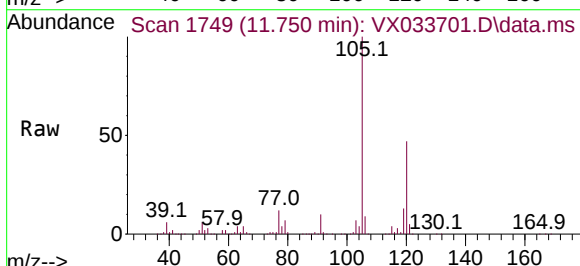
Acq: 12 Jan 2023 10:18

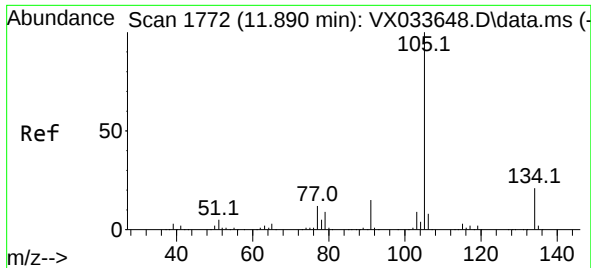
Tgt Ion:105 Resp: 147346

Ion Ratio Lower Upper

105 100

120 47.8 0.0 91.2

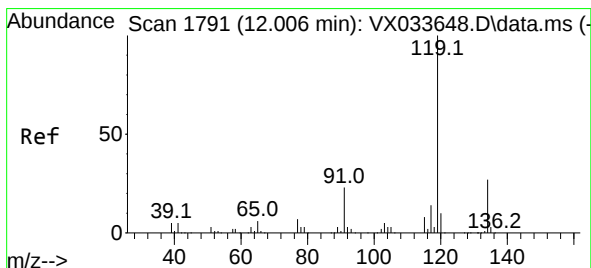
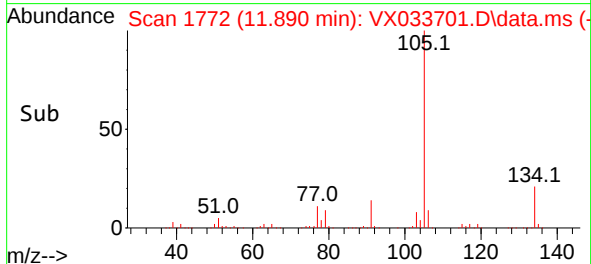
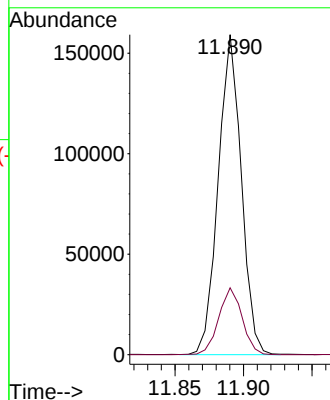
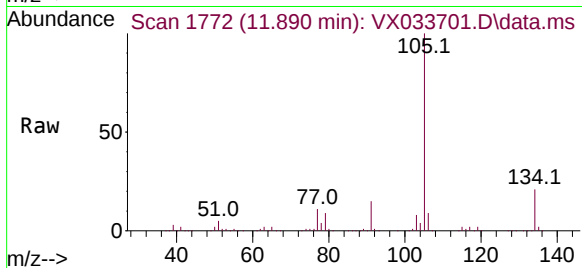




#81
 sec-Butylbenzene
 Concen: 22.106 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

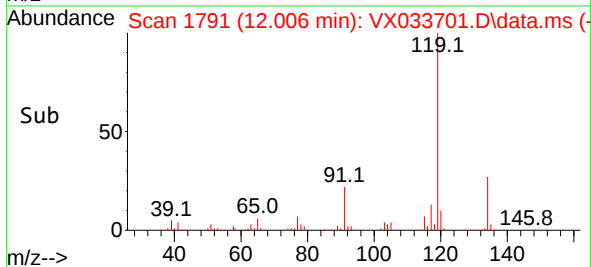
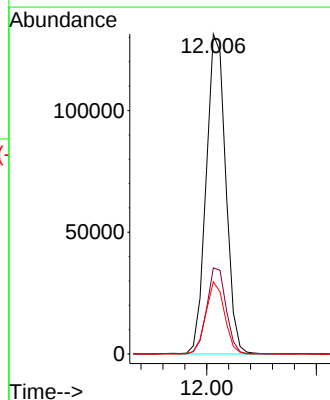
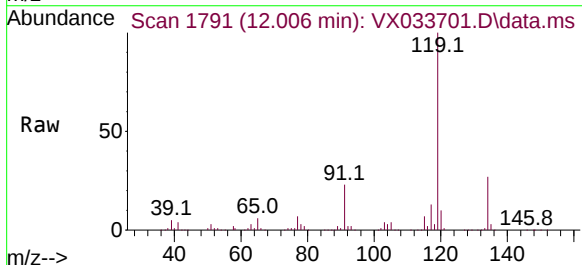
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

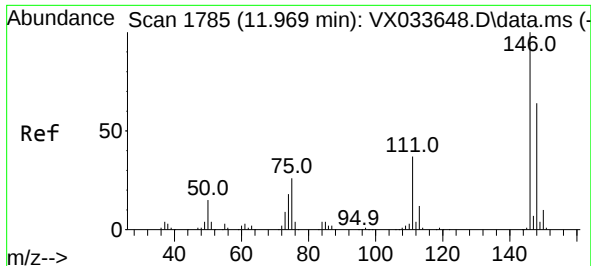
Tgt Ion:105 Resp: 186277
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 43.2



#82
 p-Isopropyltoluene
 Concen: 22.331 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033701.D
 Acq: 12 Jan 2023 10:18

Tgt Ion:119 Resp: 162297
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 54.4
 91 21.8 0.0 45.2

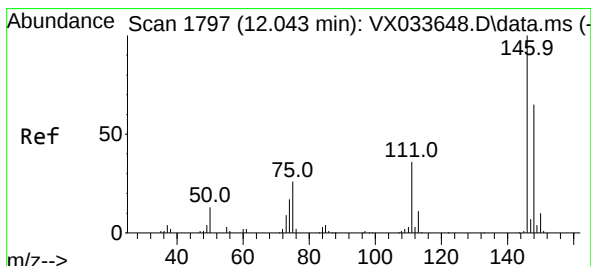
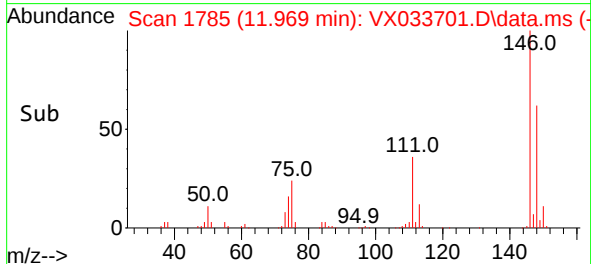
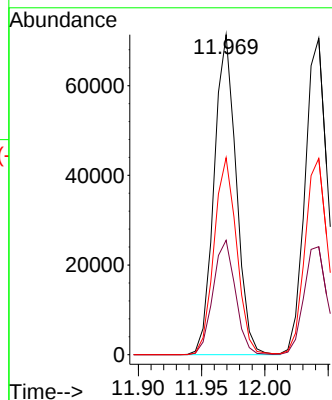
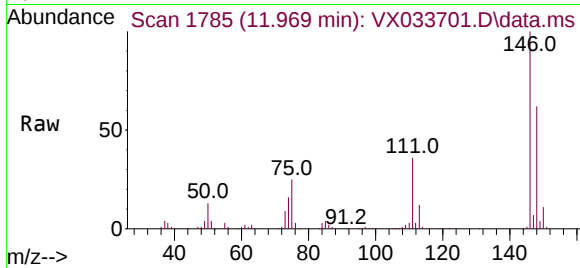




#83
1,3-Dichlorobenzene
Concen: 21.948 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

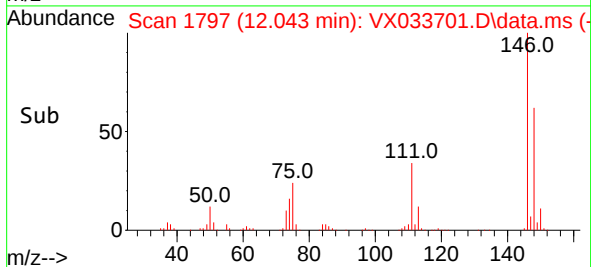
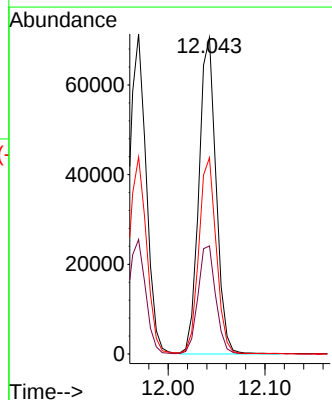
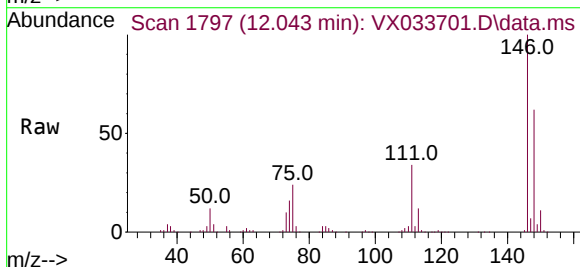
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

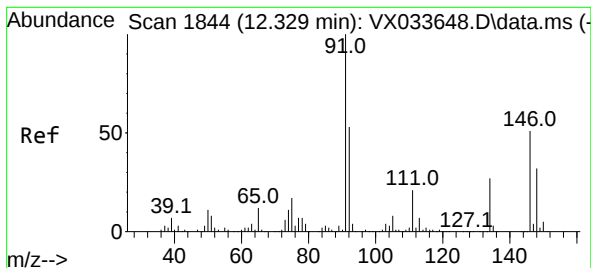
Tgt Ion:146 Resp: 86722
Ion Ratio Lower Upper
146 100
111 36.0 18.8 56.3
148 62.9 31.7 95.1



#84
1,4-Dichlorobenzene
Concen: 22.169 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion:146 Resp: 87335
Ion Ratio Lower Upper
146 100
111 35.2 18.3 54.9
148 62.7 31.9 95.7





#85

n-Butylbenzene

Concen: 22.308 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

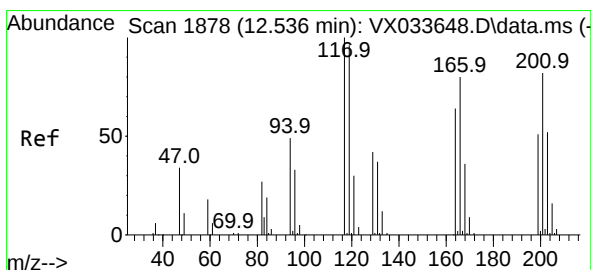
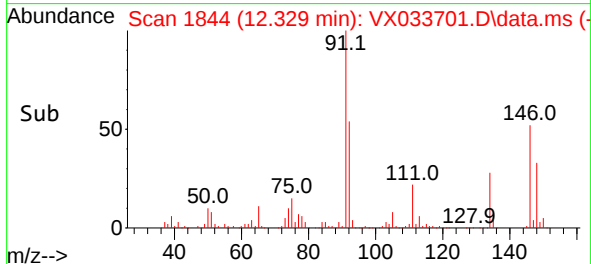
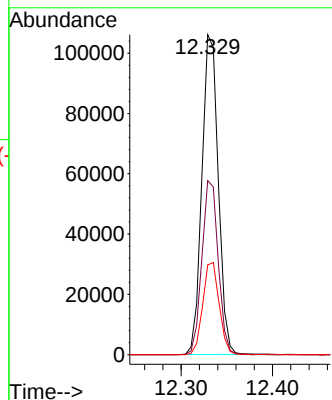
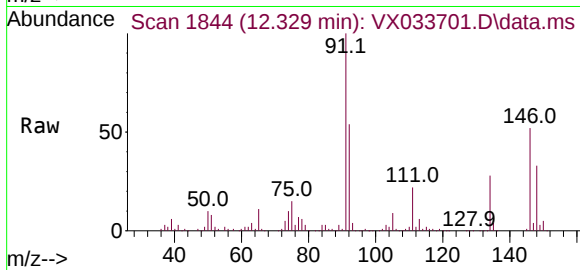
Tgt Ion: 91 Resp: 131812

Ion Ratio Lower Upper

91 100

92 54.3 0.0 108.2

134 28.9 0.0 55.4



#86

Hexachloroethane

Concen: 21.431 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033701.D

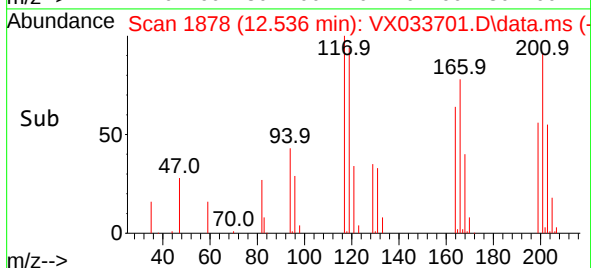
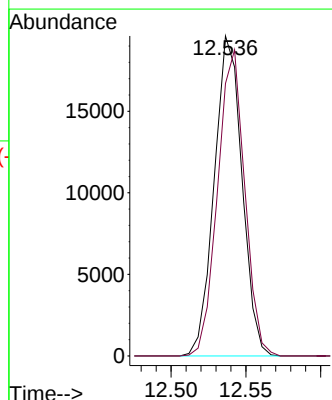
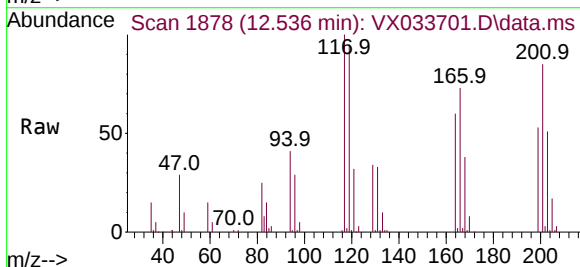
Acq: 12 Jan 2023 10:18

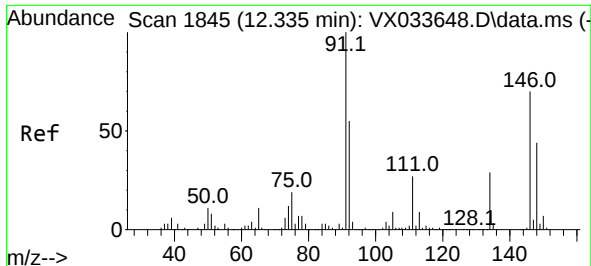
Tgt Ion: 117 Resp: 25339

Ion Ratio Lower Upper

117 100

201 93.2 45.0 135.0

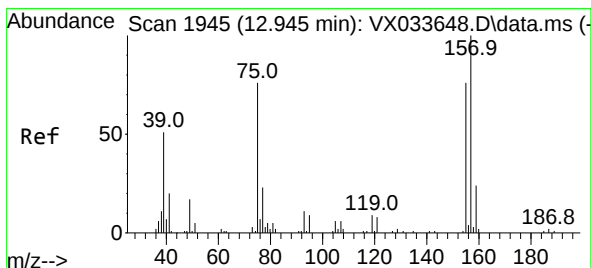
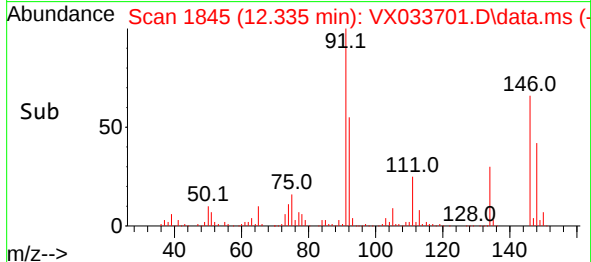
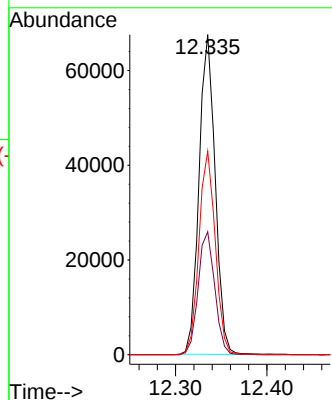
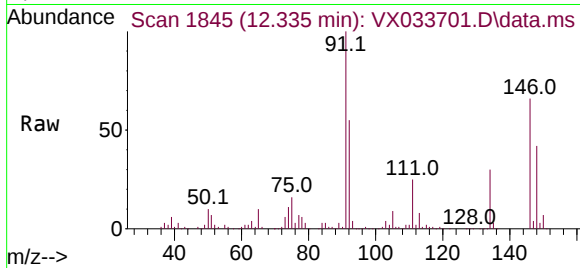




#87
1,2-Dichlorobenzene
Concen: 21.797 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

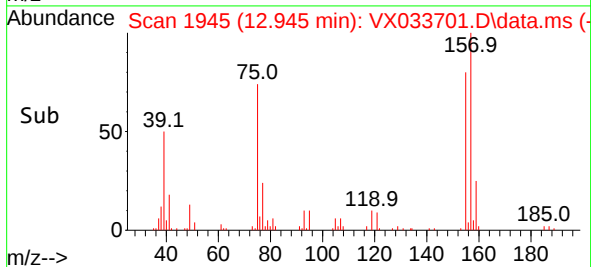
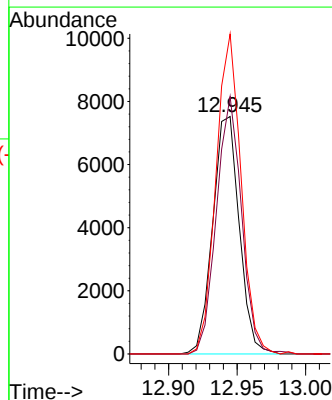
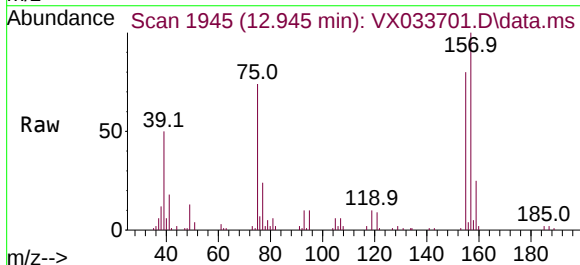
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

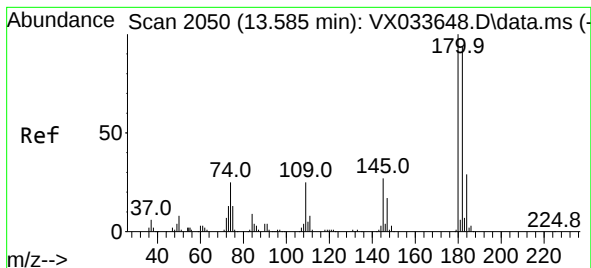
Tgt Ion:146 Resp: 82965
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.3 31.9 95.9



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.819 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion: 75 Resp: 10133
Ion Ratio Lower Upper
75 100
155 101.7 77.6 116.4
157 126.9 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 22.286 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

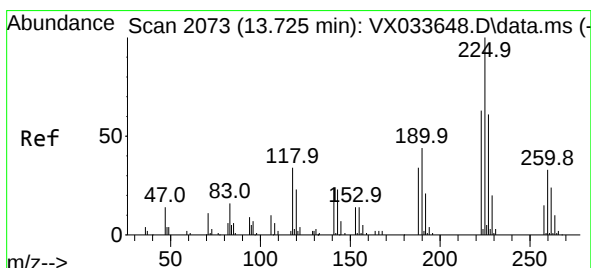
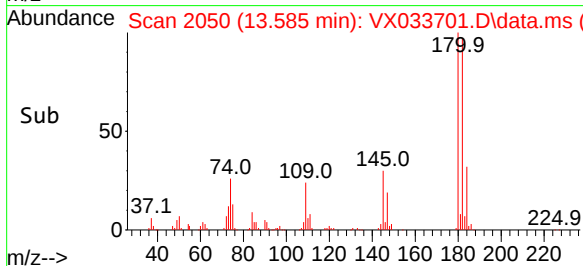
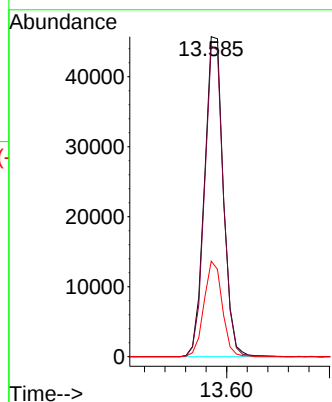
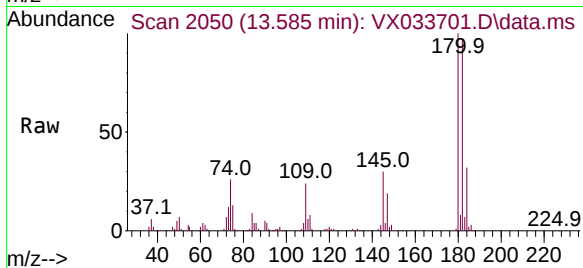
Tgt Ion:180 Resp: 58341

Ion Ratio Lower Upper

180 100

182 96.4 76.7 115.1

145 28.8 21.8 32.6



#90

Hexachlorobutadiene

Concen: 22.878 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033701.D

Acq: 12 Jan 2023 10:18

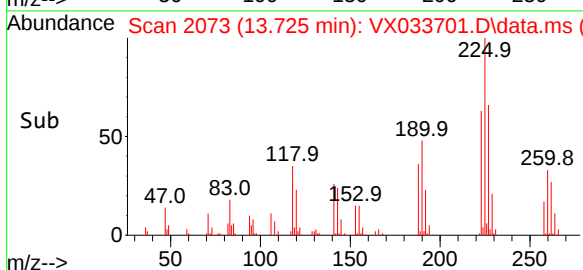
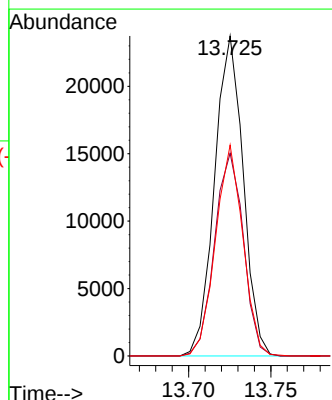
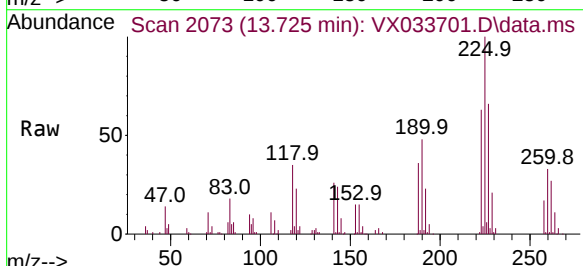
Tgt Ion:225 Resp: 28716

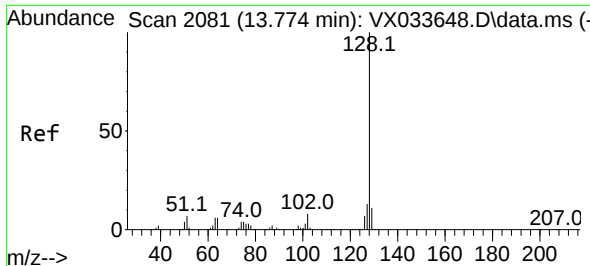
Ion Ratio Lower Upper

225 100

223 63.7 0.0 127.0

227 63.3 0.0 123.0

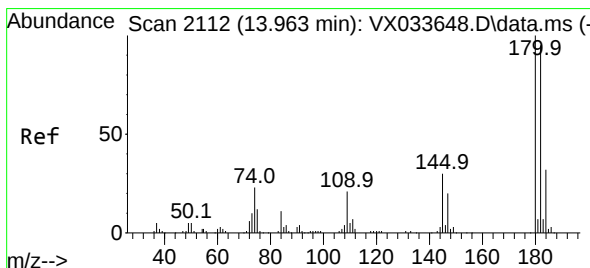
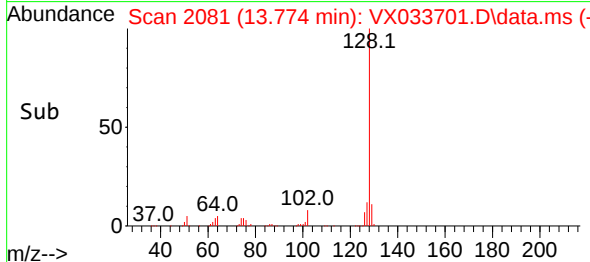
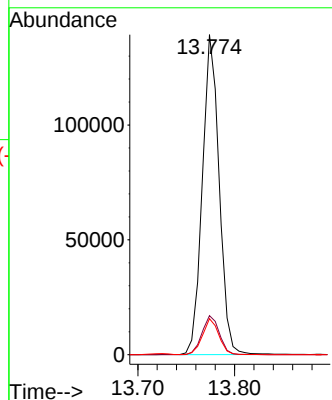
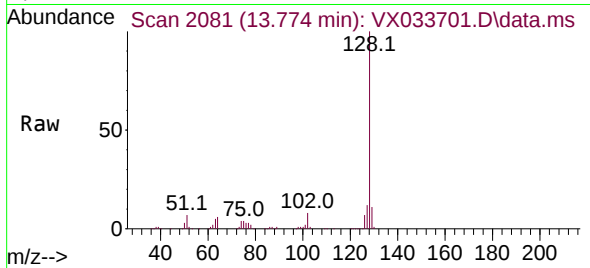




#91
Naphthalene
Concen: 21.954 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 168759
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 22.244 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033701.D
Acq: 12 Jan 2023 10:18

Tgt Ion:180 Resp: 58426
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.2
145 30.2 0.0 60.4

