

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033769.D
 Acq On : 18 Jan 2023 13:01
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Jan 19 04:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	17173	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	118316	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	123997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	39971	30.077	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.267%	
60) 4-Bromofluorobenzene	11.079	95	68207	30.770	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.567%	
63) Toluene-d8	8.647	98	121654	30.751	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	33118	21.050	ug/l	100
3) Chloromethane	1.294	50	36221	20.473	ug/l	100
4) Vinyl Chloride	1.374	62	36235	20.866	ug/l	100
5) Bromomethane	1.618	94	22309	19.928	ug/l	100
6) Chloroethane	1.691	64	20194	21.740	ug/l	100
7) Trichlorofluoromethane	1.892	101	53533	20.850	ug/l	100
8) Diethyl Ether	2.130	74	19740	20.398	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32342	20.815	ug/l	100
10) 1,1-Dichloroethene	2.319	96	31524	20.654	ug/l	100
11) Methyl Iodide	2.453	142	46183	20.057	ug/l	100
12) Methyl Acetate	2.709	43	55100	20.688	ug/l	100
13) Acrolein	2.239	56	26854	90.148	ug/l	100
14) Acrylonitrile	3.068	53	91102	104.993	ug/l	100
15) Acetone	2.398	58	27175	104.155	ug/l	100
16) Carbon Disulfide	2.514	76	74093	19.803	ug/l	100
17) Allyl chloride	2.666	41	57273	20.791	ug/l	100
18) Methylene Chloride	2.788	84	35585	20.707	ug/l	100
19) trans-1,2-Dichloroethene	3.093	96	34201	20.815	ug/l	100
20) Diisopropyl ether	3.757	45	111910	20.724	ug/l	100
21) 1,1-Dichloroethane	3.611	63	60864	20.596	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	40002	20.719	ug/l	100
23) tert-Butyl Alcohol	3.026	59	25010	83.412	ug/l	# 61
24) Methyl tert-Butyl Ether	3.111	73	102535	20.290	ug/l	100
25) Chloroform	5.093	83	61303	20.627	ug/l	100
26) Cyclohexane	5.471	56	55996	20.794	ug/l	# 100
29) 1,1-Dichloropropene	5.696	75	45865	20.182	ug/l	100
30) 2-Butanone	4.568	43	128907	102.670	ug/l	100
31) 2,2-Dichloropropane	4.471	77	42200	19.579	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	52585	20.094	ug/l	100
33) Carbon Tetrachloride	5.678	117	47349	20.215	ug/l	100
34) Benzene	6.037	78	140054	20.765	ug/l	100
35) Methacrylonitrile	4.922	41	27922	20.422	ug/l	100
36) 1,2-Dichloroethane	6.086	62	47513	20.027	ug/l	100
37) Trichloroethene	7.129	130	39290	20.627	ug/l	100
38) Methylcyclohexane	7.379	83	55091	20.148	ug/l	100
39) 1,2-Dichloropropane	7.427	63	32545	19.710	ug/l	100
40) Dibromomethane	7.580	93	23340	19.887	ug/l	100
41) Bromodichloromethane	7.818	83	44609	19.922	ug/l	100
42) Vinyl Acetate	3.721	43	428114	101.481	ug/l	100

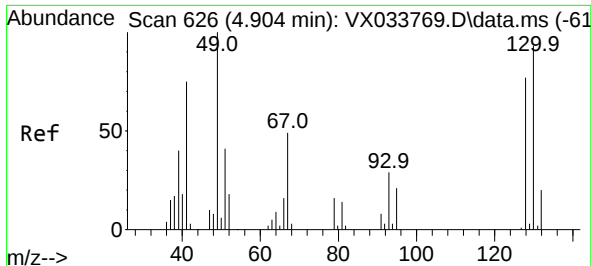
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	48496	19.759	ug/l	100
44) Isopropyl Acetate	6.342	43	74779	20.037	ug/l	100
45) 1,4-Dioxane	7.714	88	7635	197.950	ug/l #	9
46) Methyl methacrylate	7.696	41	38235	20.177	ug/l	100
47) n-amyl Acetate	10.842	43	59880	19.020	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	43029	18.240	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	51596	19.376	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	33044	18.980	ug/l	100
51) Ethyl methacrylate	9.116	69	48324	18.735	ug/l	100
52) 1,3-Dichloropropane	9.305	76	55544	18.931	ug/l	100
53) Dibromochloromethane	9.519	129	35060	18.438	ug/l	100
54) 1,2-Dibromoethane	9.610	107	35287	18.763	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	118043	97.474	ug/l	100
56) Bromoform	10.799	173	28233	19.131	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	238663	107.081	ug/l	100
59) 2-Hexanone	9.427	43	178812	106.776	ug/l	100
61) Tetrachloroethene	9.275	164	31529	19.310	ug/l	100
62) Toluene	8.720	91	148430	21.400	ug/l	100
64) Chlorobenzene	10.079	112	96311	20.829	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	36076	20.953	ug/l	100
66) Ethyl Benzene	10.195	91	167007	21.040	ug/l	100
67) m/p-Xylenes	10.299	106	131451	41.934	ug/l	100
68) o-Xylene	10.640	106	64875	20.870	ug/l	100
69) Styrene	10.653	104	107434	21.011	ug/l	100
70) Isopropylbenzene	10.963	105	168714	21.071	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	49928	20.796	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	53711	24.554	ug/l	91
73) Bromobenzene	11.195	156	45905	21.169	ug/l	100
74) n-propylbenzene	11.305	91	191794	21.086	ug/l	100
75) 2-Chlorotoluene	11.366	91	113932	21.057	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	142288	21.428	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	13128	19.532	ug/l	100
78) 4-Chlorotoluene	11.451	91	127118	20.883	ug/l	100
79) tert-butylbenzene	11.713	119	144117	21.204	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	139530	21.194	ug/l	100
81) sec-Butylbenzene	11.890	105	174199	21.063	ug/l	100
82) p-Isopropyltoluene	12.006	119	152338	21.264	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	81707	20.856	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	81231	20.686	ug/l	100
85) n-Butylbenzene	12.329	91	121273	20.813	ug/l	100
86) Hexachloroethane	12.536	117	22740	20.080	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	80666	21.360	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10042	20.438	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	54333	20.677	ug/l	100
90) Hexachlorobutadiene	13.725	225	25168	20.426	ug/l	100
91) Naphthalene	13.774	128	161269	20.937	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	54127	21.002	ug/l	100

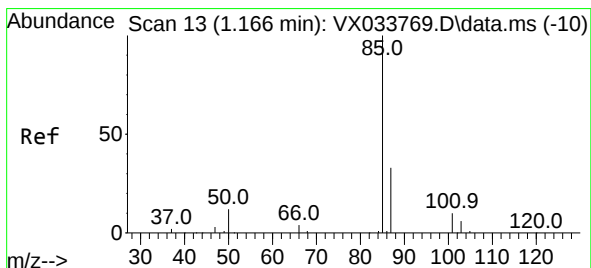
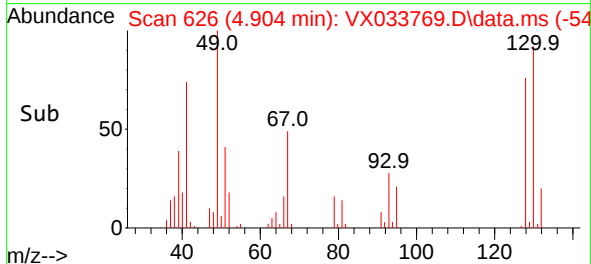
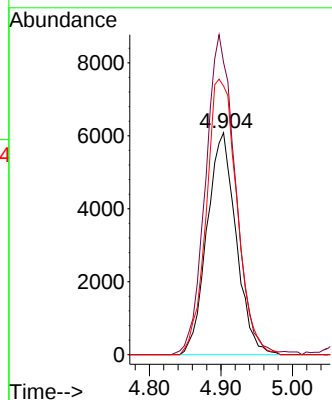
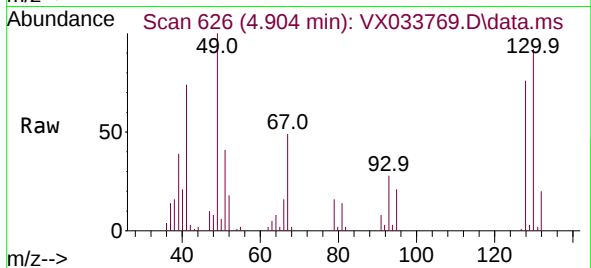
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

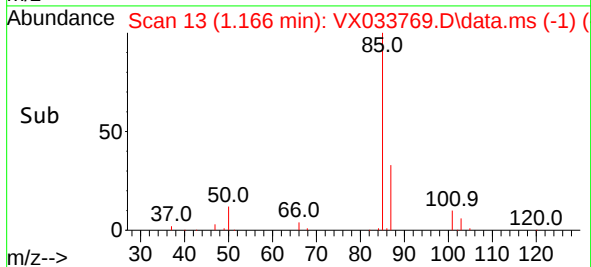
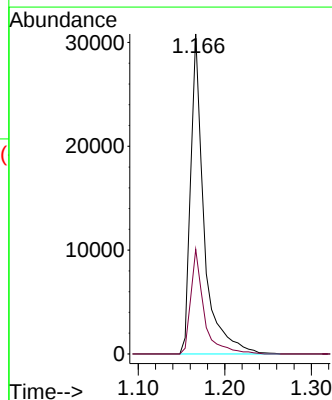
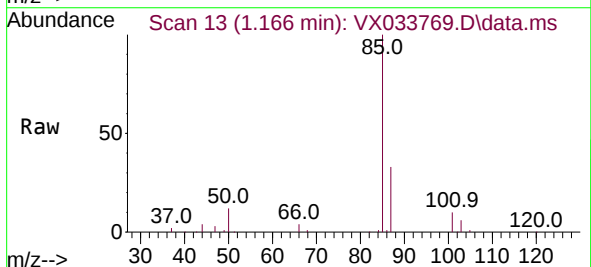
Instrument :
MSVOA_X
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VSTDICCC020

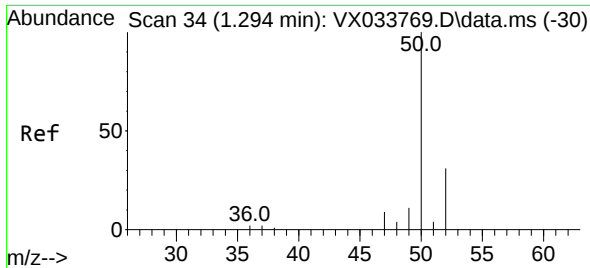
Tgt Ion:128 Resp: 17173
Ion Ratio Lower Upper
128 100
49 147.6 0.0 369.0
130 131.0 0.0 327.5



#2
Dichlorodifluoromethane
Concen: 21.050 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 85 Resp: 33118
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1

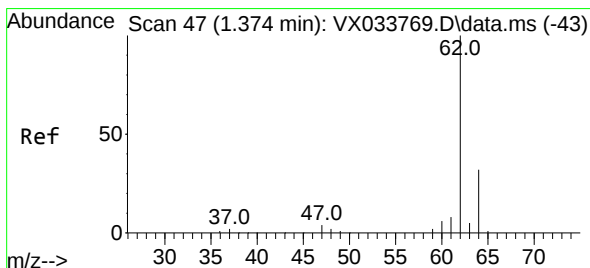
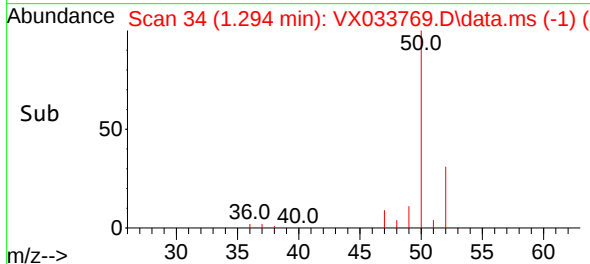
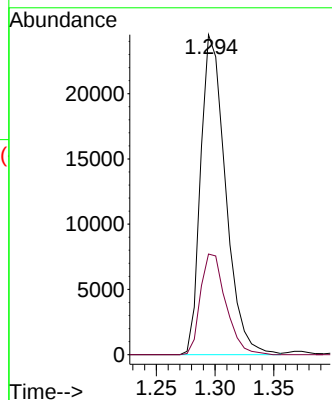
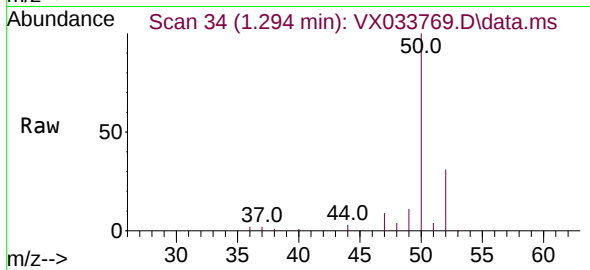




#3
Chloromethane
Concen: 20.473 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

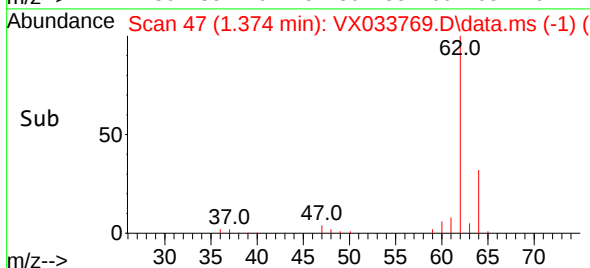
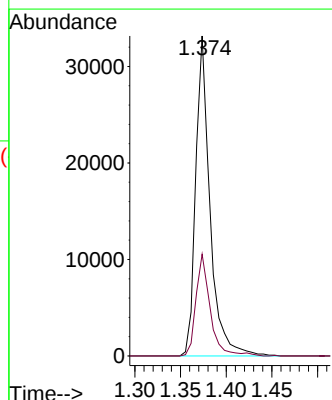
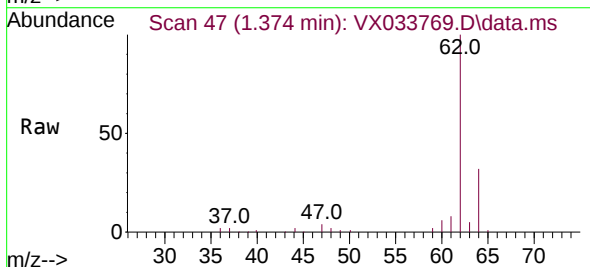
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

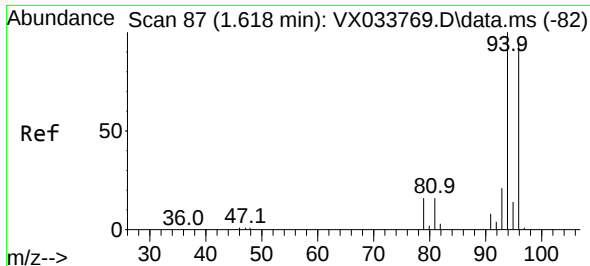
Tgt Ion: 50 Resp: 36221
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7



#4
Vinyl Chloride
Concen: 20.866 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 62 Resp: 36235
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2

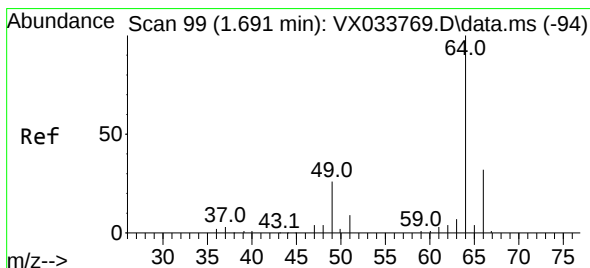
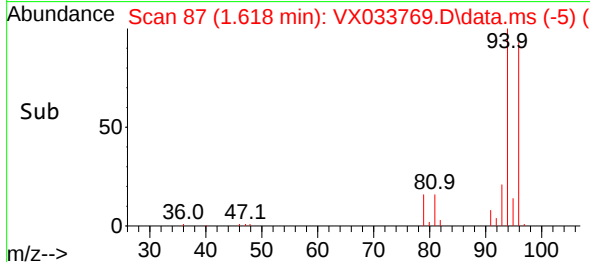
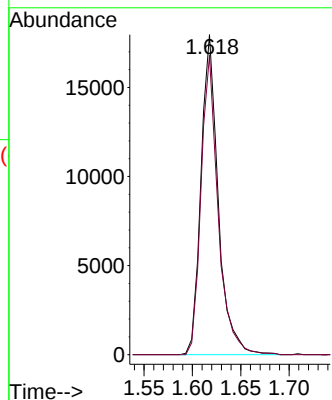
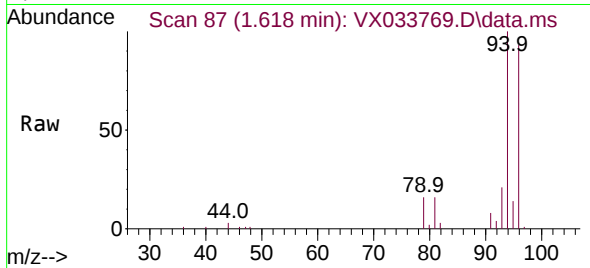




#5
Bromomethane
Concen: 19.928 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

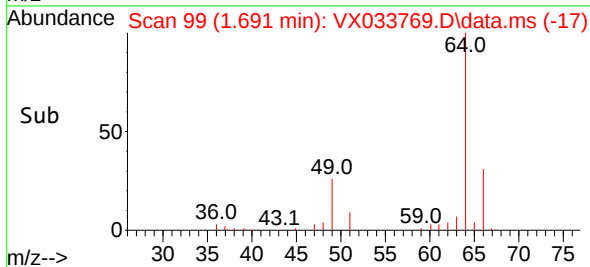
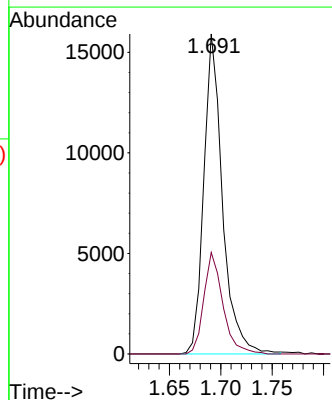
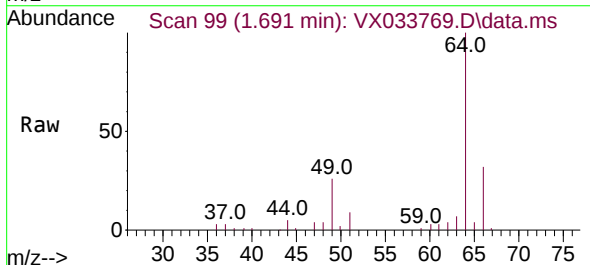
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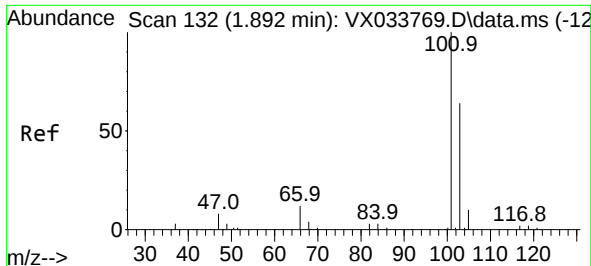
Tgt Ion: 94 Resp: 22309
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 21.740 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 64 Resp: 20194
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

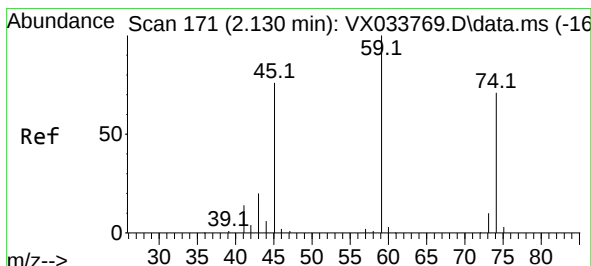
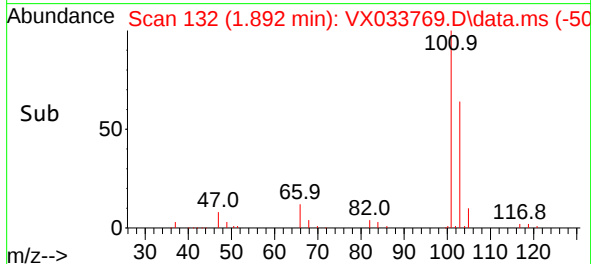
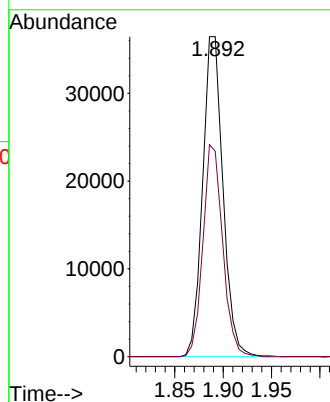
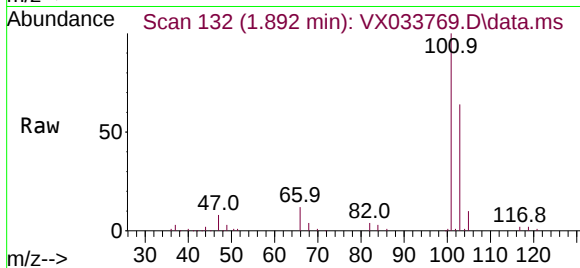




#7
Trichlorofluoromethane
Concen: 20.850 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

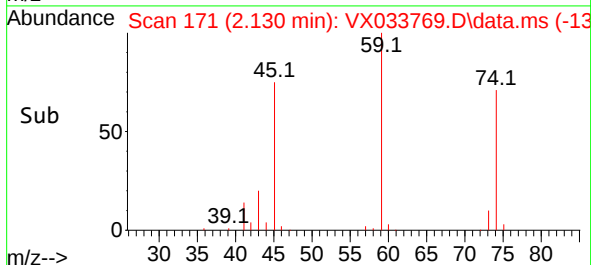
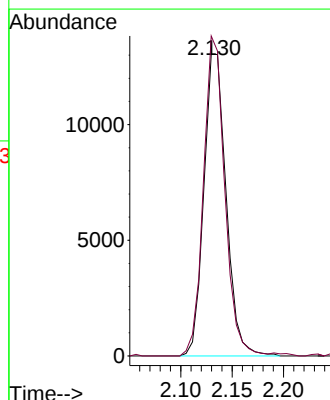
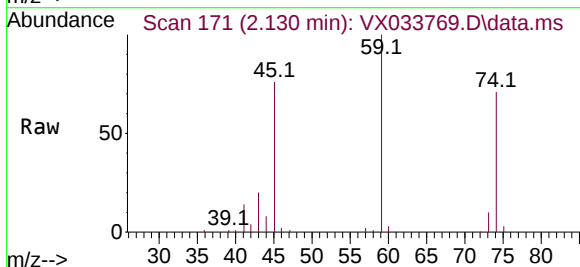
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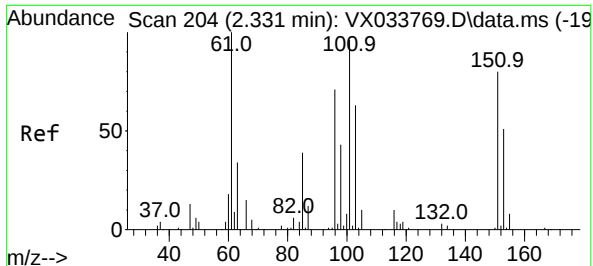
Tgt Ion:101 Resp: 53533
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 20.398 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 74 Resp: 19740
Ion Ratio Lower Upper
74 100
45 101.1 20.2 182.0

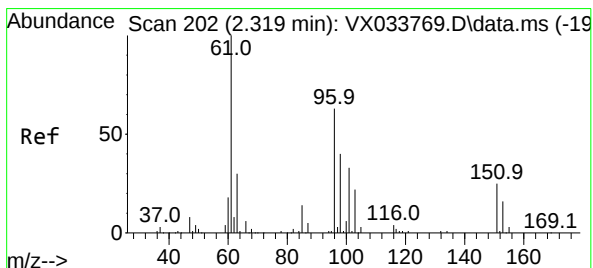
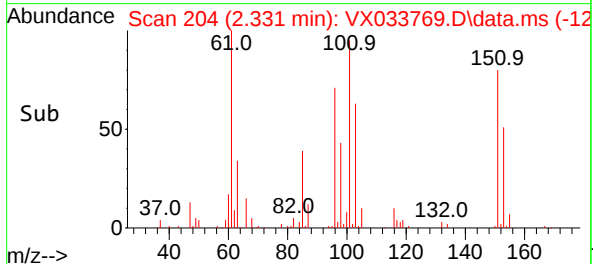
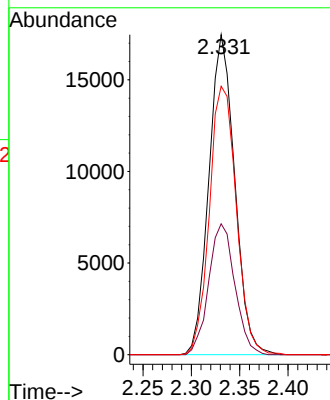
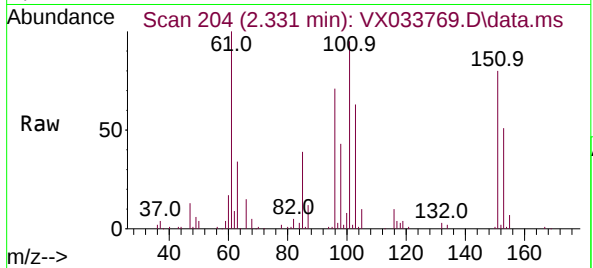




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.815 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

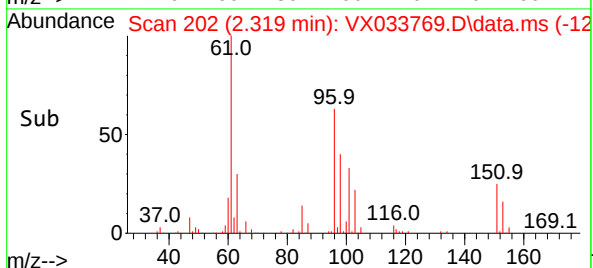
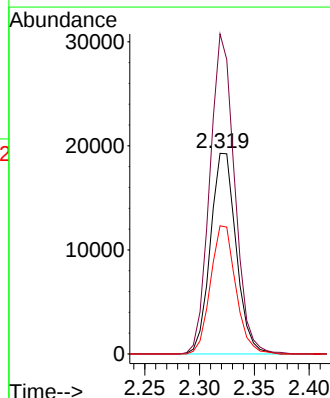
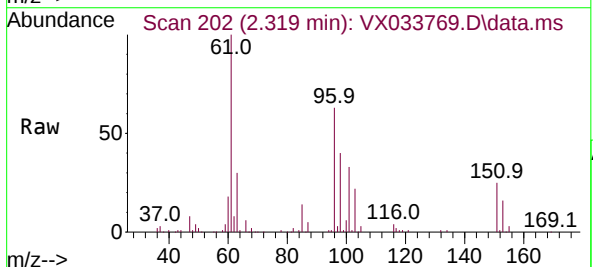
Instrument :
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VSTDICCC020

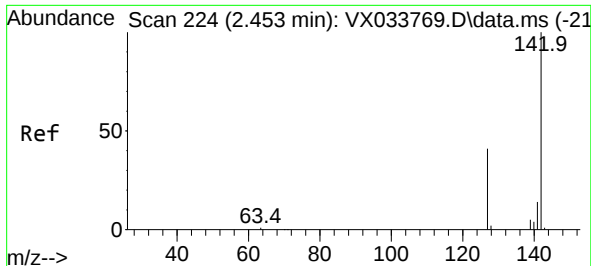
Tgt Ion:101 Resp: 32342
Ion Ratio Lower Upper
101 100
85 41.5 0.0 83.0
151 87.3 0.0 174.6



#10
1,1-Dichloroethene
Concen: 20.654 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

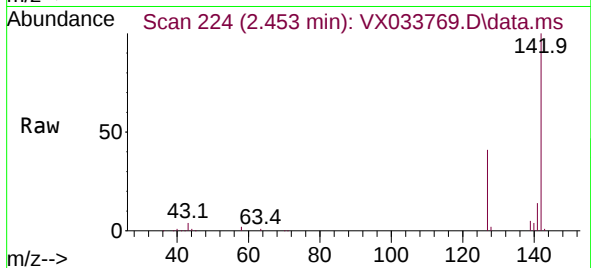
Tgt Ion: 96 Resp: 31524
Ion Ratio Lower Upper
96 100
61 159.4 127.5 191.3
98 63.9 51.1 76.7



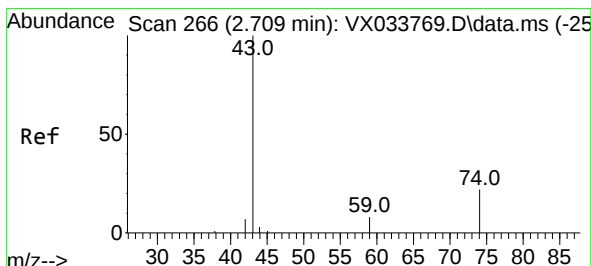
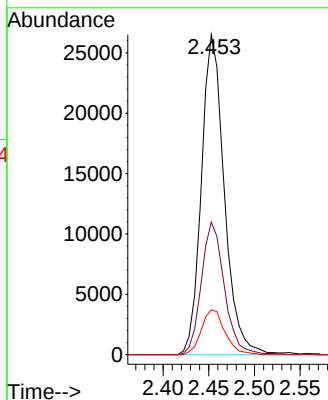
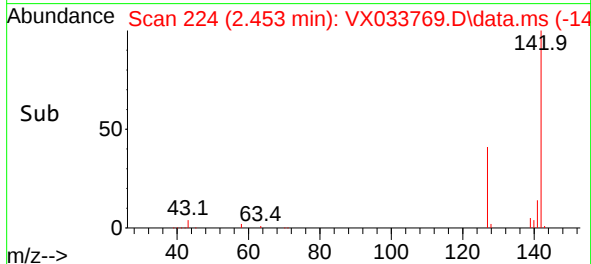


#11
Methyl Iodide
Concen: 20.057 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

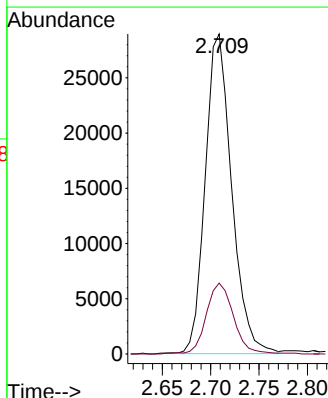
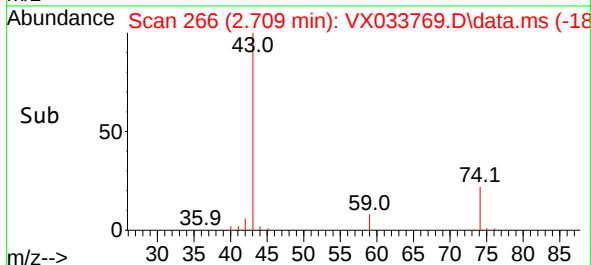
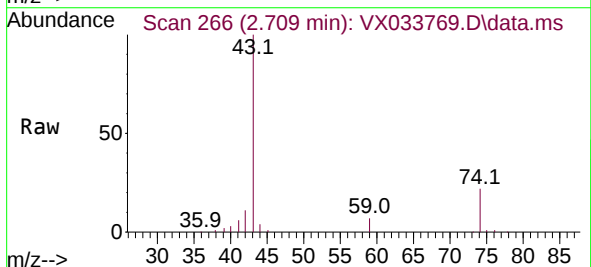


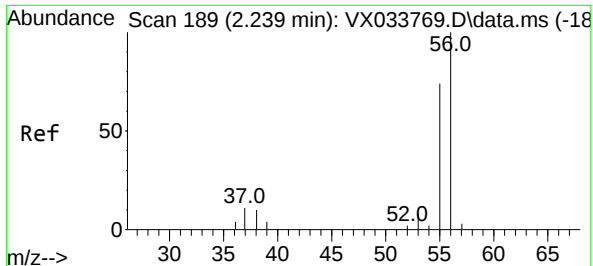
Tgt Ion:142 Resp: 46183
Ion Ratio Lower Upper
142 100
127 41.4 20.7 62.1
141 14.0 7.0 21.0



#12
Methyl Acetate
Concen: 20.688 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 43 Resp: 55100
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4





#13

Acrolein

Concen: 90.148 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

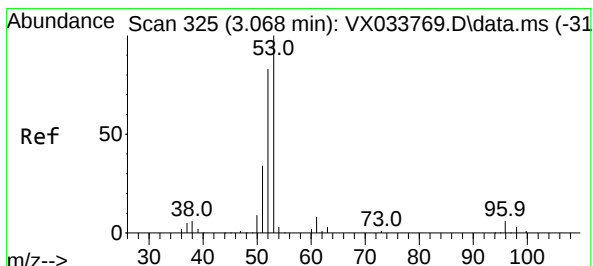
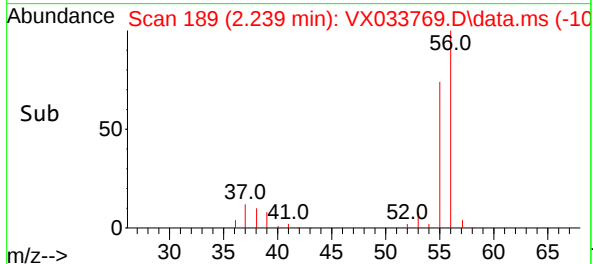
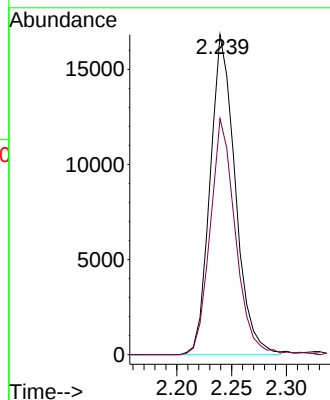
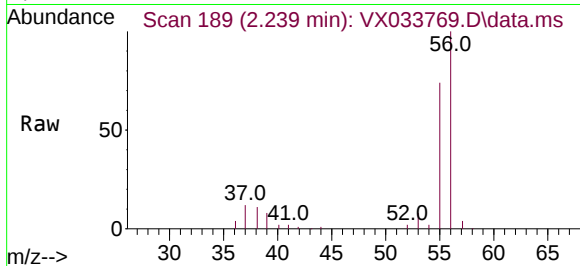
VSTDICCC020

Tgt Ion: 56 Resp: 26854

Ion Ratio Lower Upper

56 100

55 73.5 58.8 88.2



#14

Acrylonitrile

Concen: 104.993 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

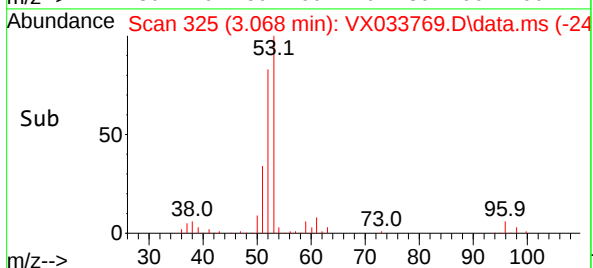
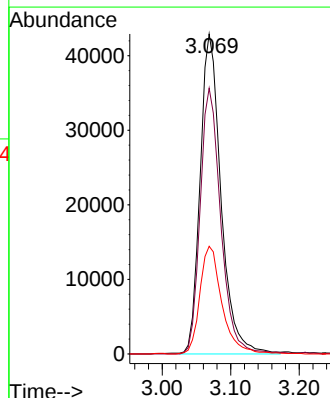
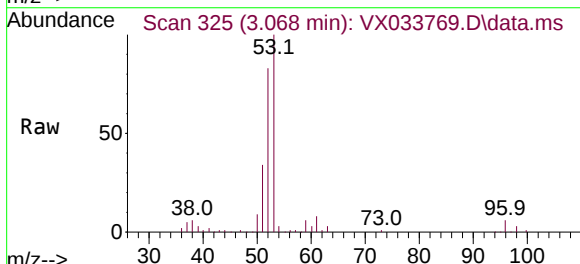
Tgt Ion: 53 Resp: 91102

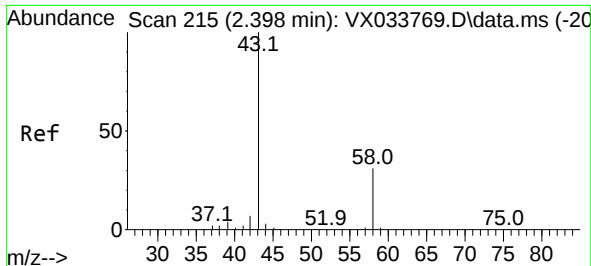
Ion Ratio Lower Upper

53 100

52 82.1 41.0 123.2

51 35.2 17.6 52.8





#15

Acetone

Concen: 104.155 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

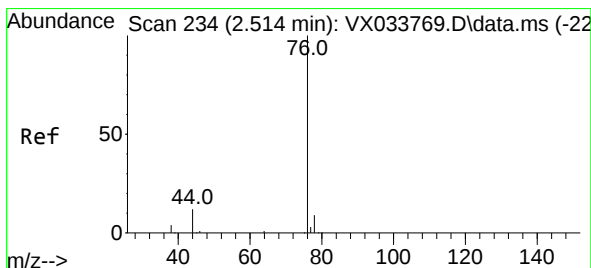
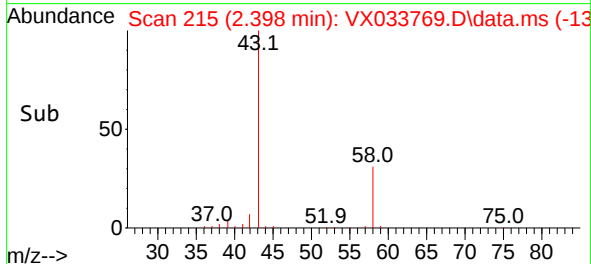
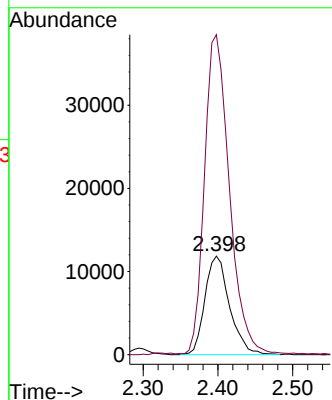
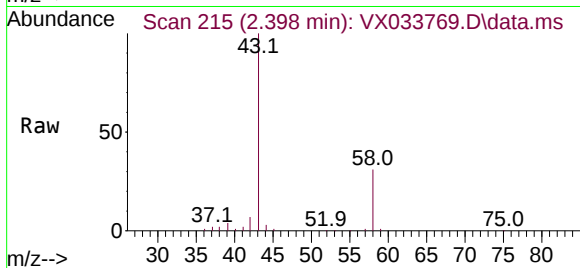
VSTDICCC020

Tgt Ion: 58 Resp: 27175

Ion Ratio Lower Upper

58 100

43 323.3 258.6 388.0



#16

Carbon Disulfide

Concen: 19.803 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033769.D

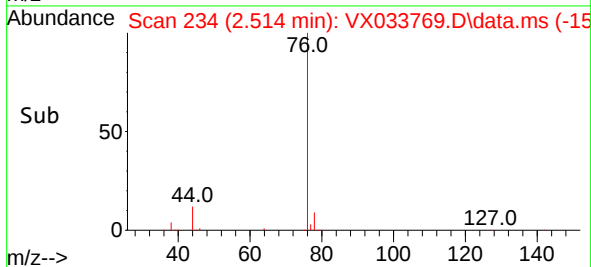
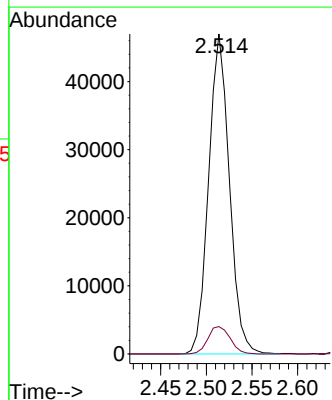
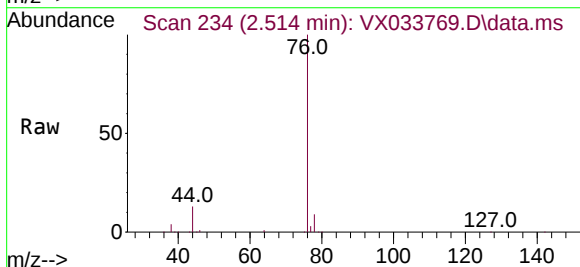
Acq: 18 Jan 2023 13:01

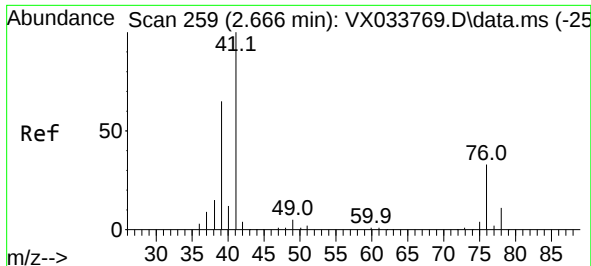
Tgt Ion: 76 Resp: 74093

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3





#17

Allyl chloride

Concen: 20.791 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

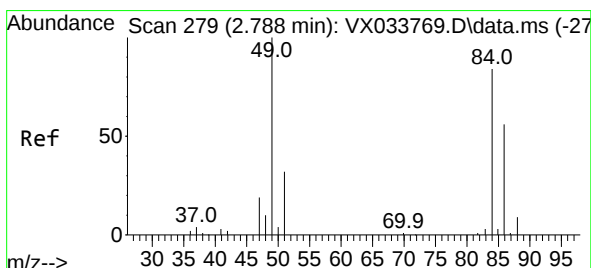
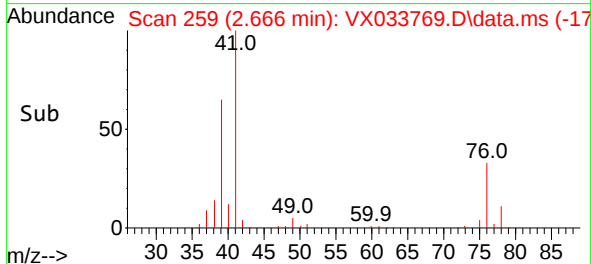
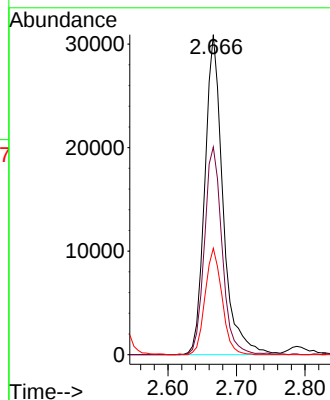
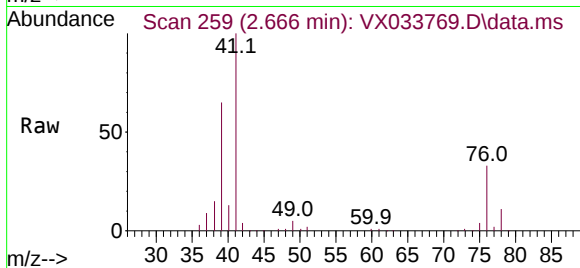
Tgt Ion: 41 Resp: 57273

Ion Ratio Lower Upper

41 100

39 64.9 32.5 97.4

76 33.2 16.6 49.8



#18

Methylene Chloride

Concen: 20.707 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion: 84 Resp: 35585

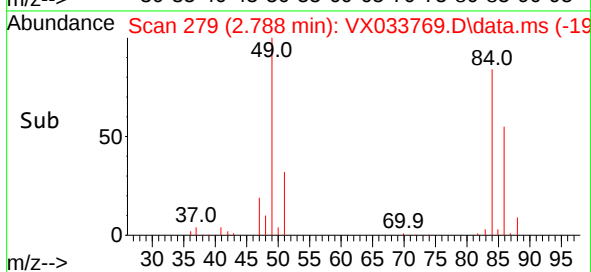
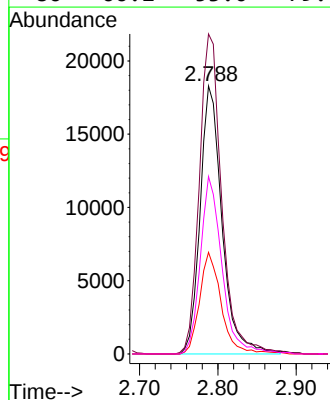
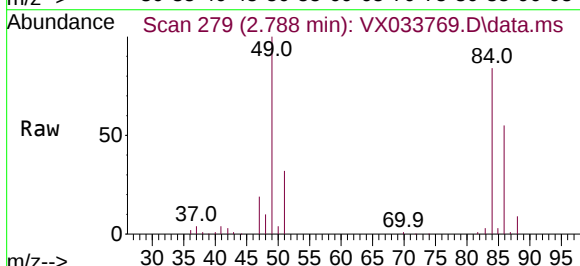
Ion Ratio Lower Upper

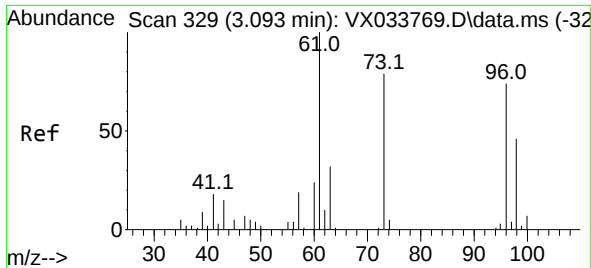
84 100

49 118.8 95.0 142.6

51 37.9 30.3 45.5

86 66.2 53.0 79.4

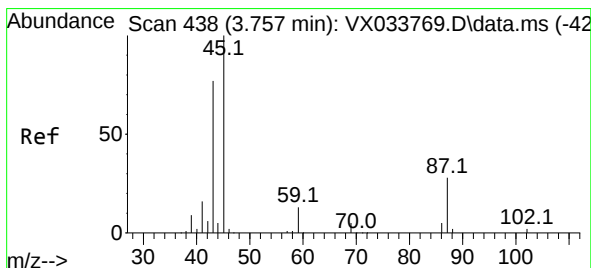
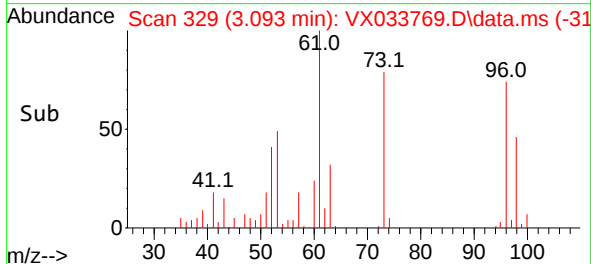
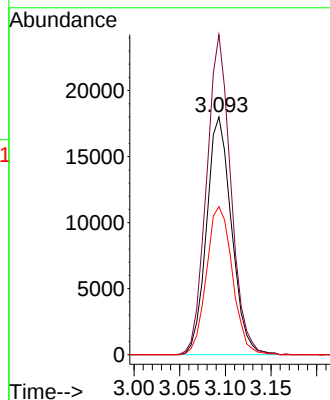
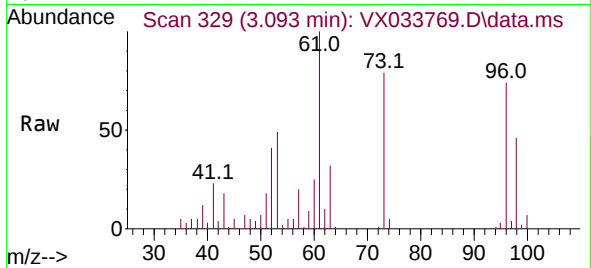




#19
trans-1,2-Dichloroethene
Concen: 20.815 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

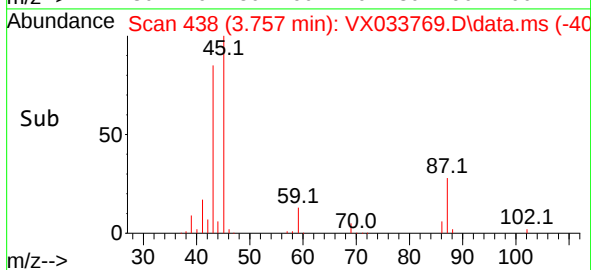
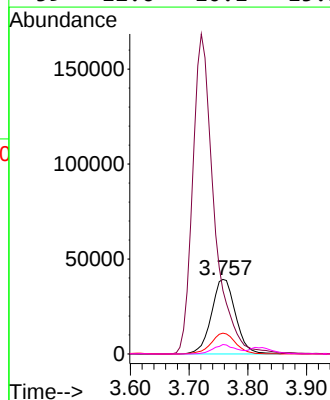
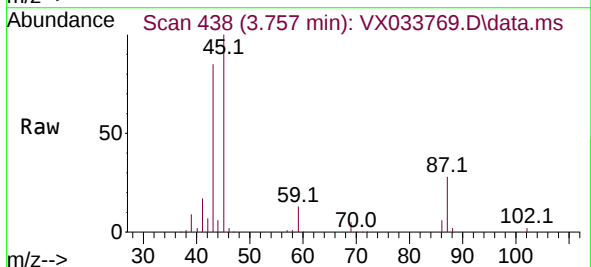
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

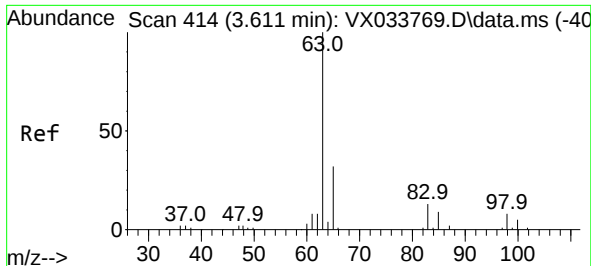
Tgt Ion: 96 Resp: 34201
Ion Ratio Lower Upper
96 100
61 134.6 107.7 161.5
98 62.2 49.8 74.6



#20
Diisopropyl ether
Concen: 20.724 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 45 Resp: 111910
Ion Ratio Lower Upper
45 100
43 83.2 66.6 99.8
87 27.9 22.3 33.5
59 12.6 10.1 15.1

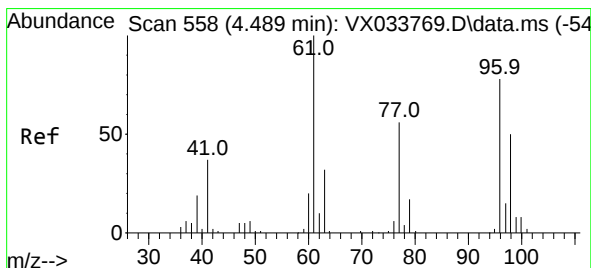
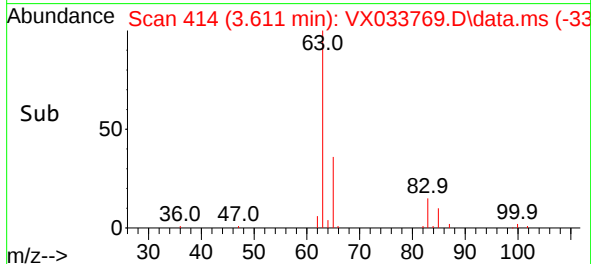
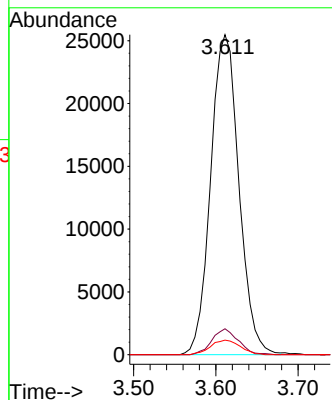
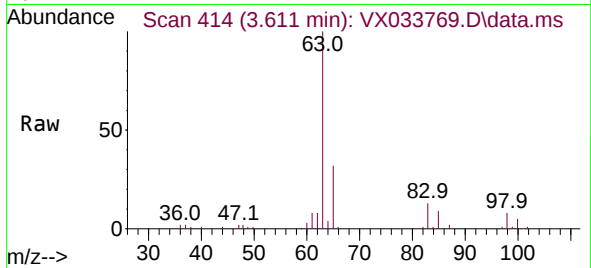




#21
1,1-Dichloroethane
Concen: 20.596 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

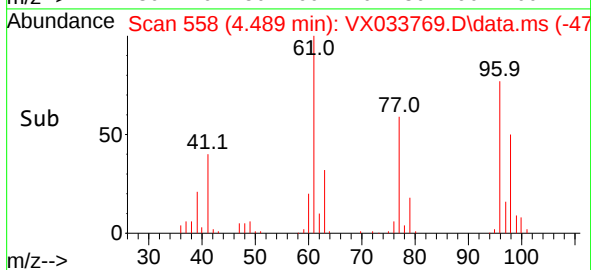
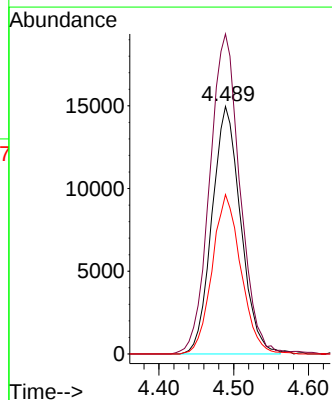
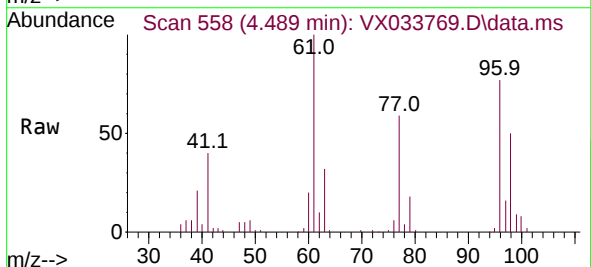
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

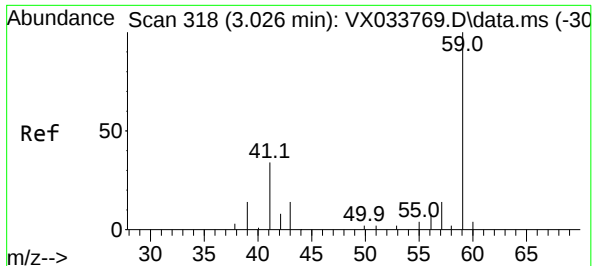
Tgt Ion: 63 Resp: 60864
Ion Ratio Lower Upper
63 100
98 8.1 4.0 12.2
100 4.6 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 20.719 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 96 Resp: 40002
Ion Ratio Lower Upper
96 100
61 136.3 109.0 163.6
98 64.6 51.7 77.5

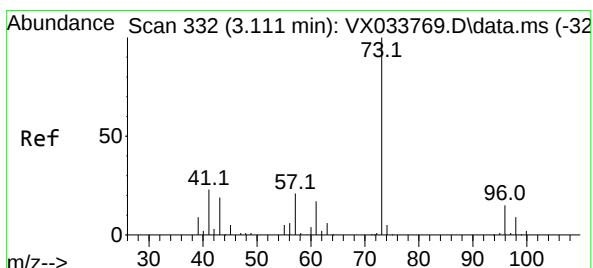
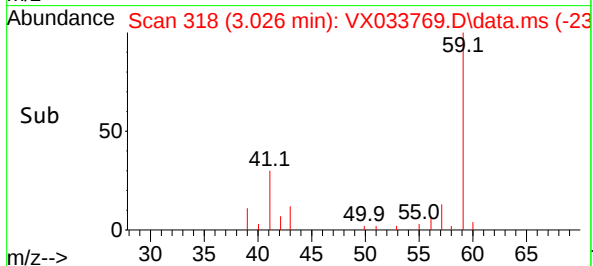
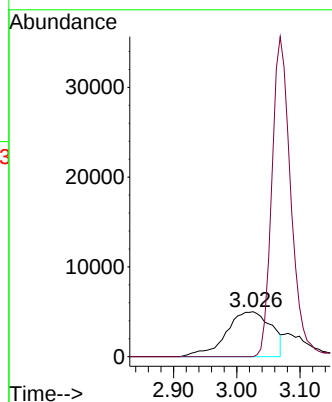
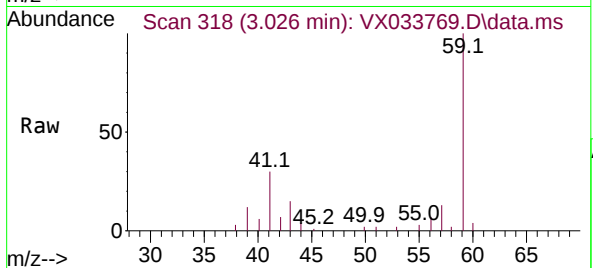




#23
tert-Butyl Alcohol
Concen: 83.412 ug/l
RT: 3.026 min Scan# 318
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

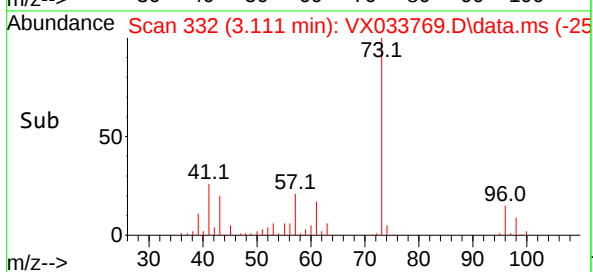
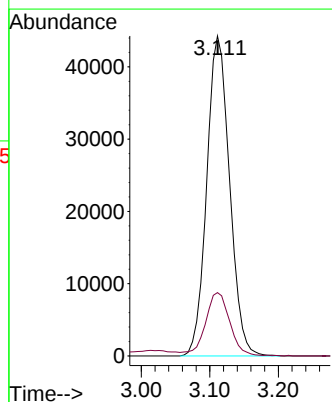
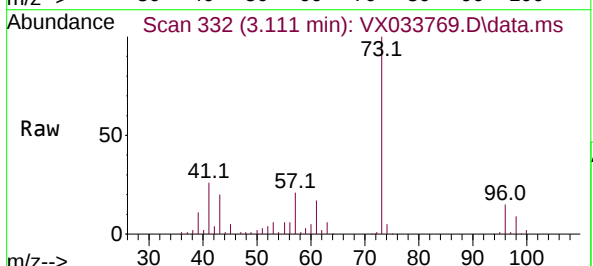
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

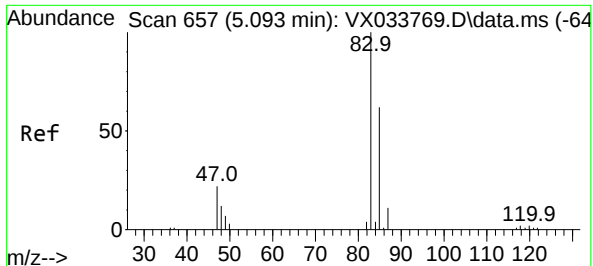
Tgt Ion: 59 Resp: 25010
Ion Ratio Lower Upper
59 100
52 298.9 186.7 280.1#



#24
Methyl tert-Butyl Ether
Concen: 20.290 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 73 Resp: 102535
Ion Ratio Lower Upper
73 100
43 21.1 16.9 25.3

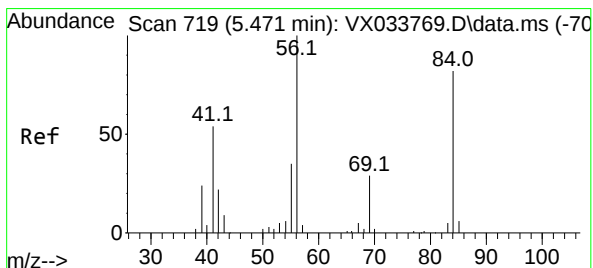
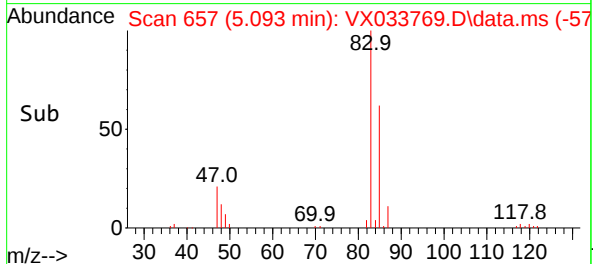
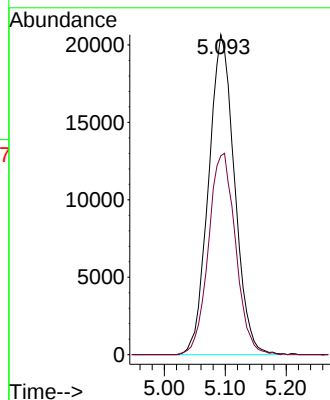
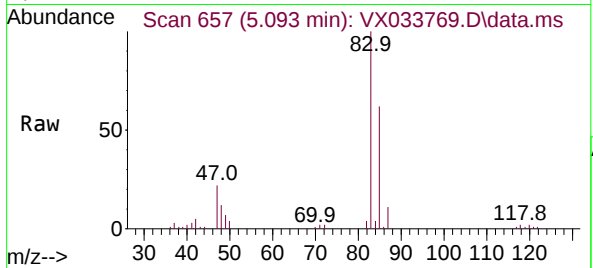




#25
Chloroform
Concen: 20.627 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

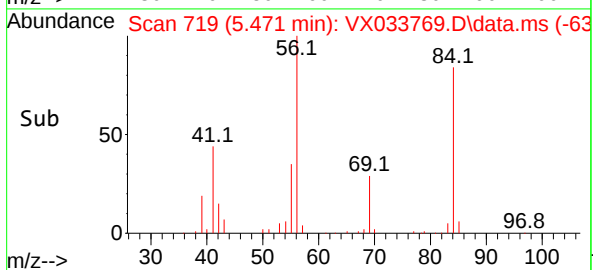
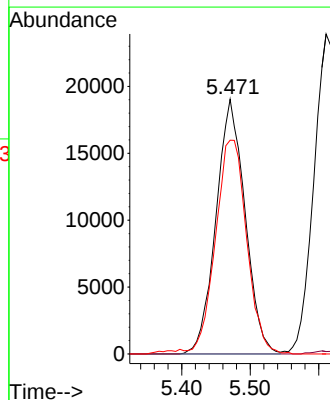
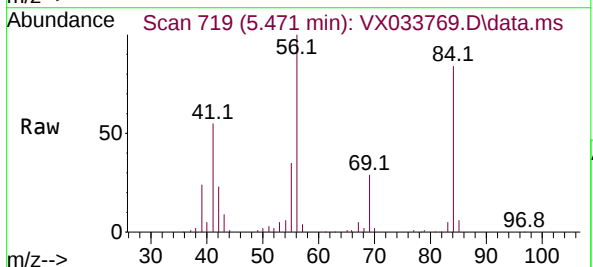
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

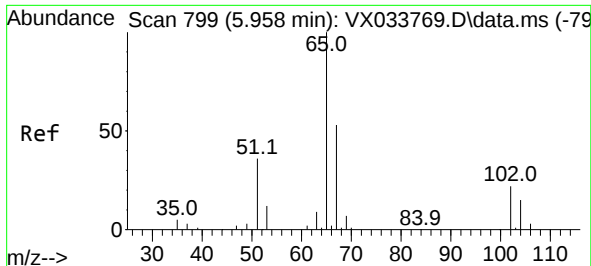
Tgt Ion: 83 Resp: 61303
Ion Ratio Lower Upper
83 100
85 62.1 49.7 74.5



#26
Cyclohexane
Concen: 20.794 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 56 Resp: 55996
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.0 72.0 108.0

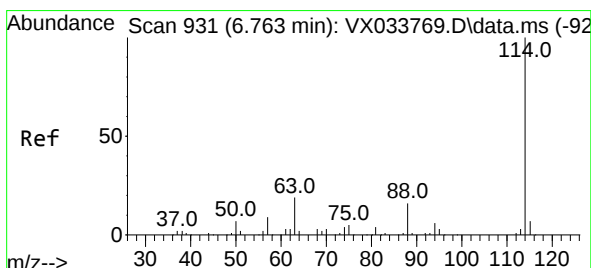
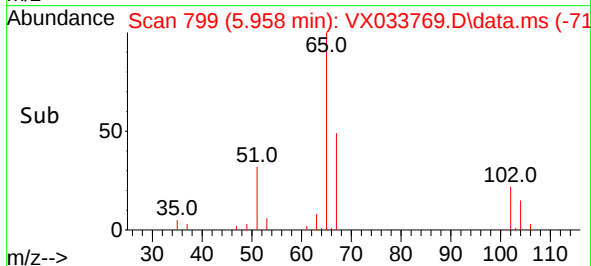
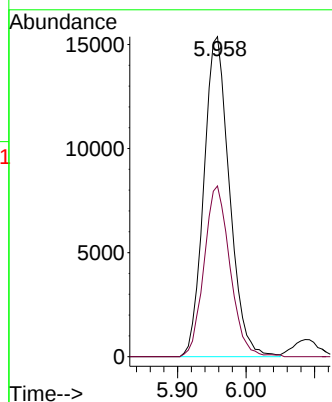
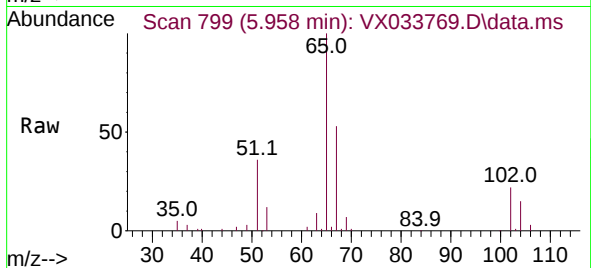




#27
 1,2-Dichloroethane-d4
 Concen: 30.077 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

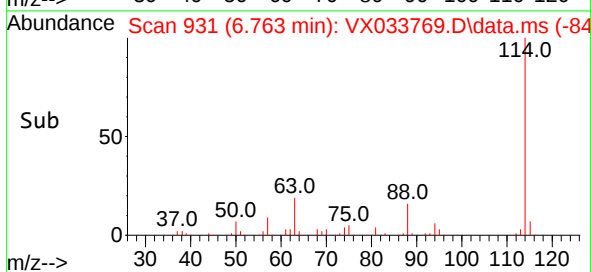
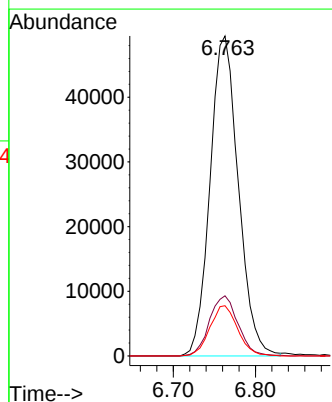
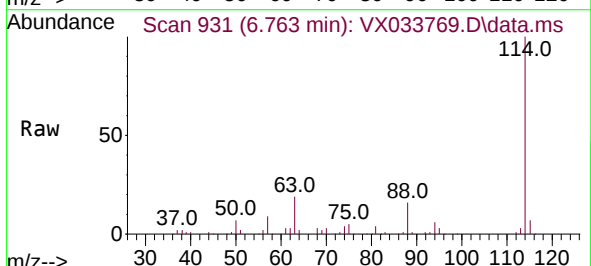
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

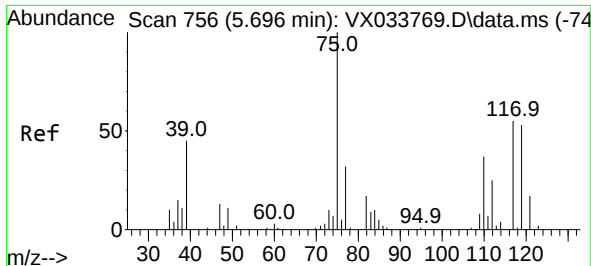
Tgt Ion: 65 Resp: 39971
 Ion Ratio Lower Upper
 65 100
 67 53.7 43.0 64.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

Tgt Ion: 114 Resp: 118316
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.2 22.8
 88 15.5 12.4 18.6

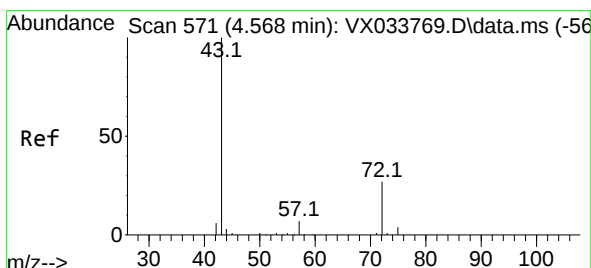
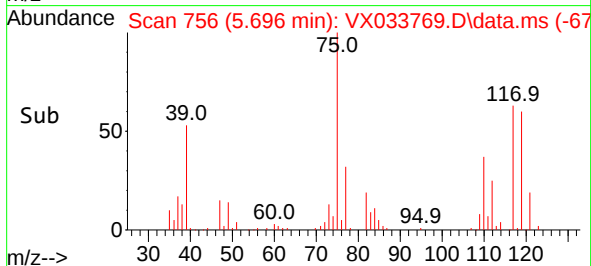
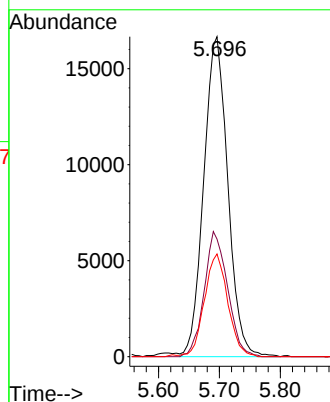
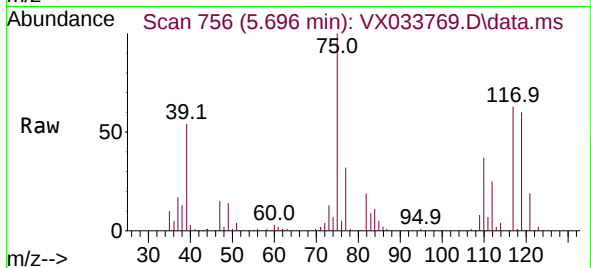




#29
1,1-Dichloropropene
Concen: 20.182 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

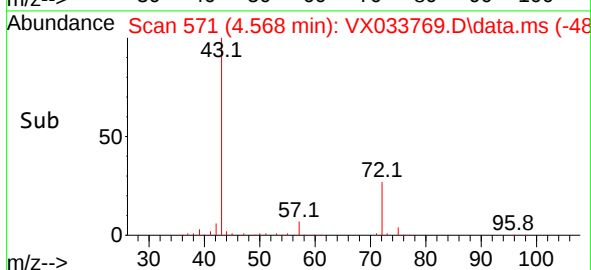
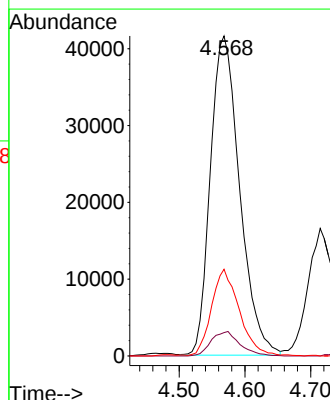
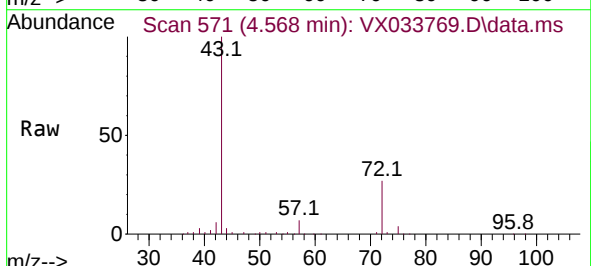
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

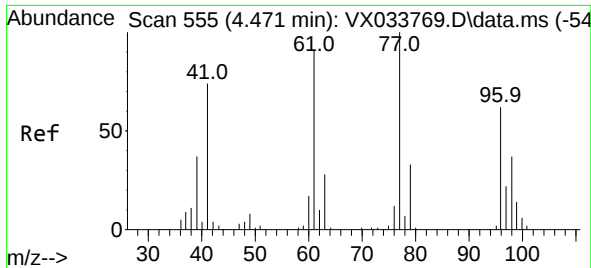
Tgt Ion: 75 Resp: 45865
Ion Ratio Lower Upper
75 100
110 37.9 0.0 75.8
77 31.2 0.0 62.4



#30
2-Butanone
Concen: 102.670 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 43 Resp: 128907
Ion Ratio Lower Upper
43 100
57 7.5 6.0 9.0
72 25.7 20.6 30.8

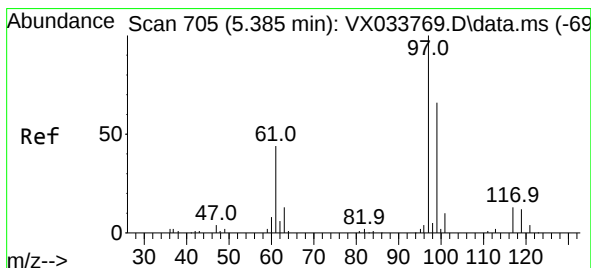
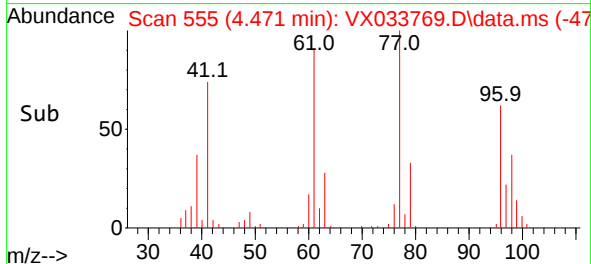
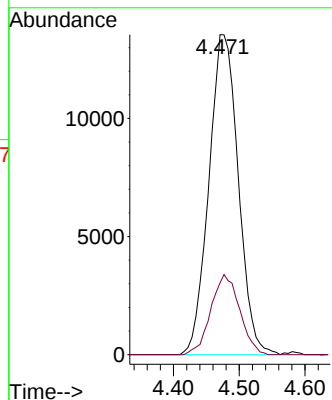
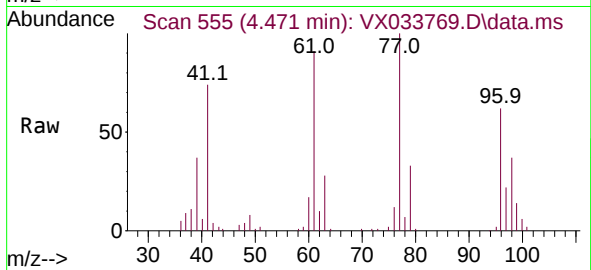




#31
2,2-Dichloropropane
Concen: 19.579 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

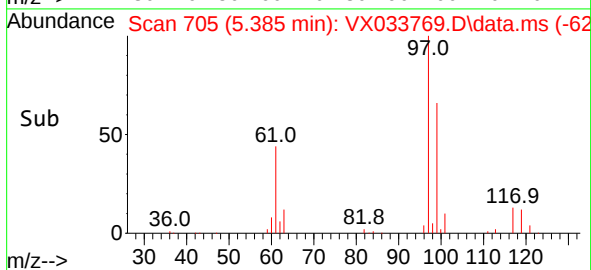
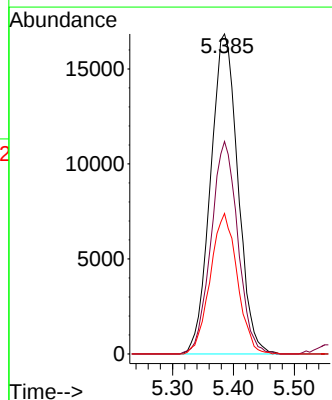
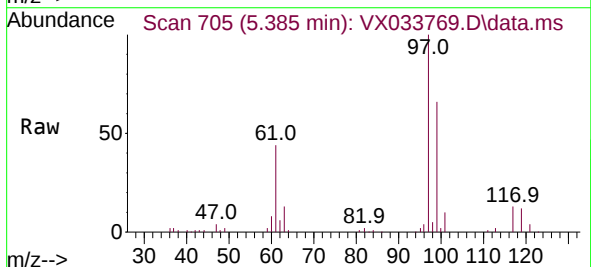
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

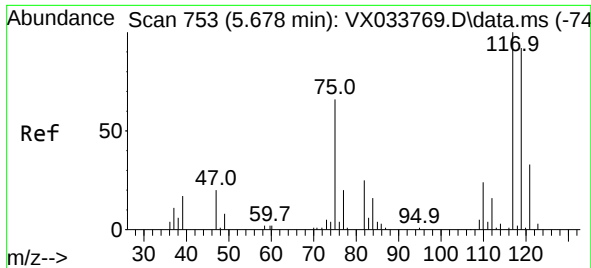
Tgt Ion: 77 Resp: 42200
Ion Ratio Lower Upper
77 100
97 24.5 19.6 29.4



#32
1,1,1-Trichloroethane
Concen: 20.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 97 Resp: 52585
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 43.4 34.7 52.1

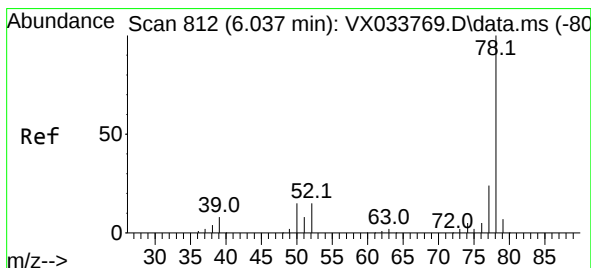
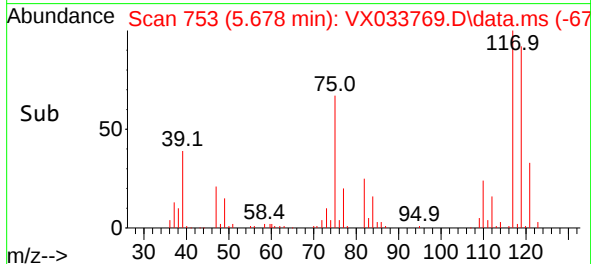
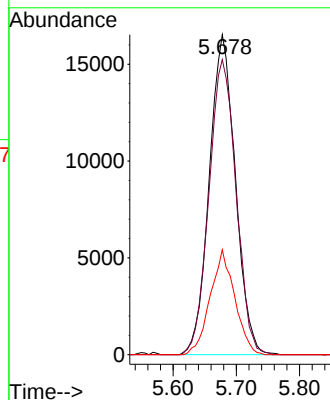
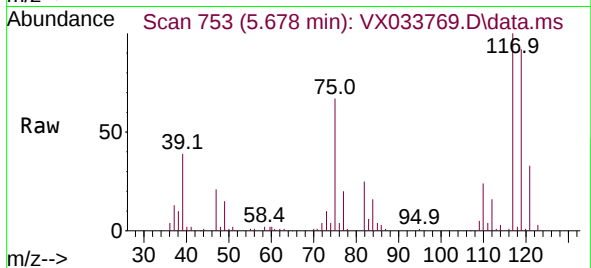




#33
Carbon Tetrachloride
Concen: 20.215 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

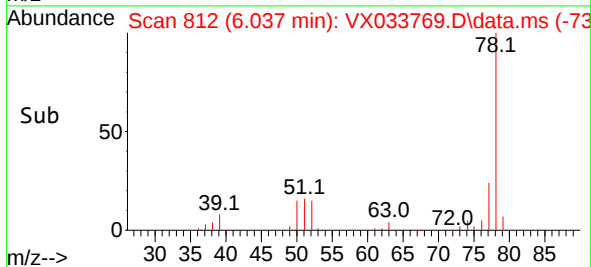
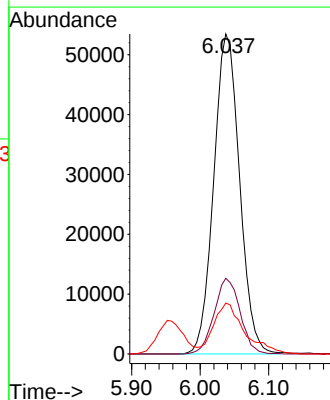
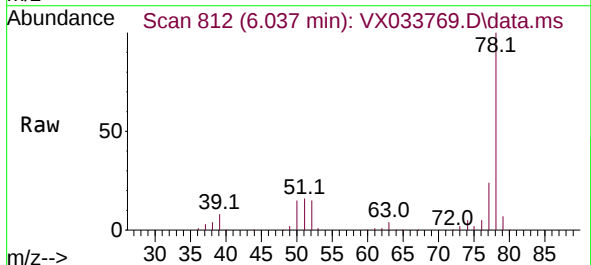
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

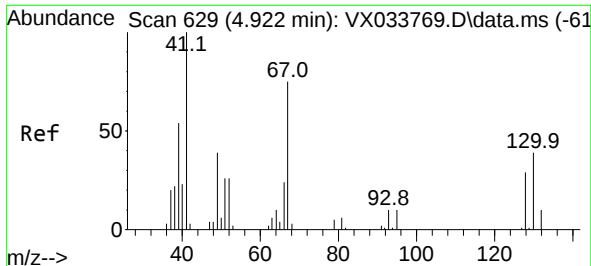
Tgt Ion:117 Resp: 47349
Ion Ratio Lower Upper
117 100
119 92.2 73.8 110.6
121 32.8 26.2 39.4



#34
Benzene
Concen: 20.765 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 78 Resp: 140054
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 14.9 11.9 17.9



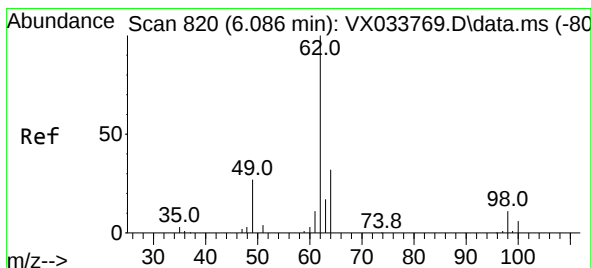
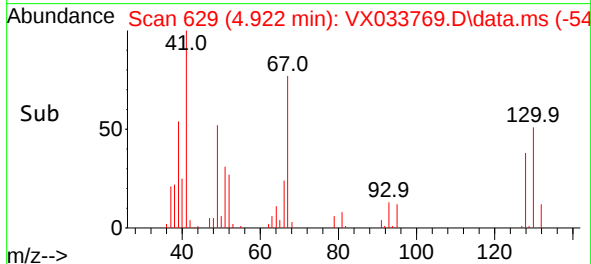
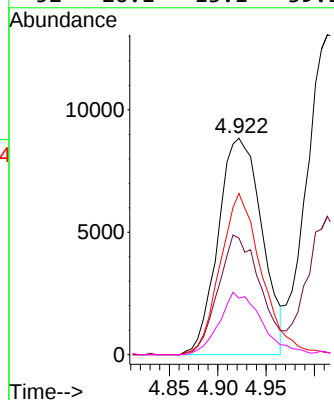
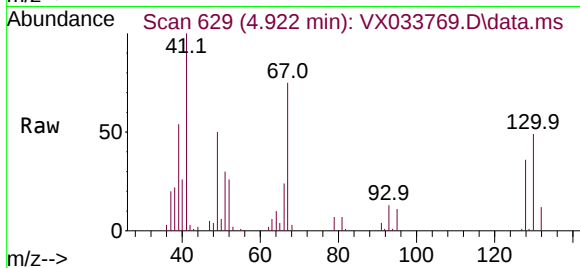


#35
Methacrylonitrile
Concen: 20.422 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 27922

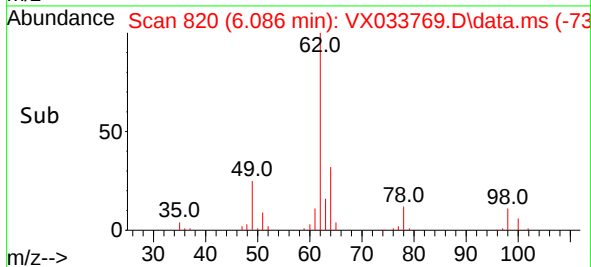
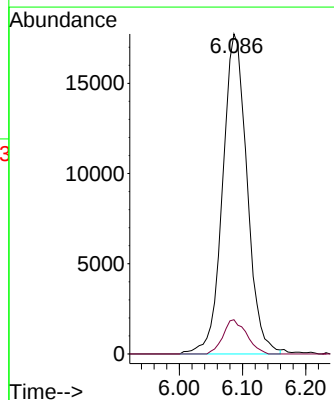
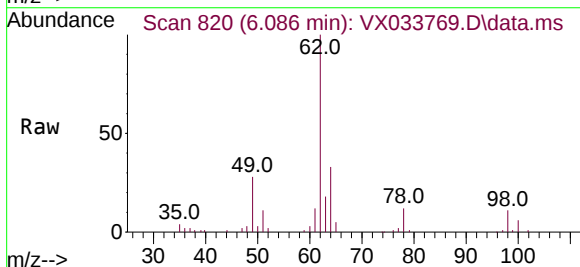
Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.0	80.8
67	74.5	37.3	111.8
52	26.1	13.1	39.1

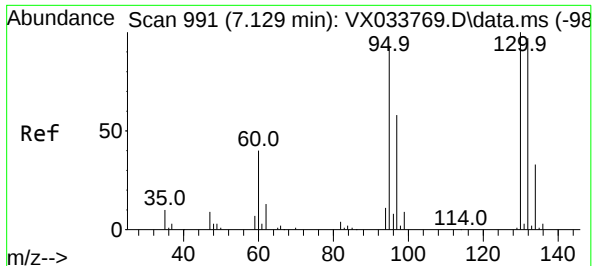


#36
1,2-Dichloroethane
Concen: 20.027 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 62 Resp: 47513

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.4





#37

Trichloroethene

Concen: 20.627 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

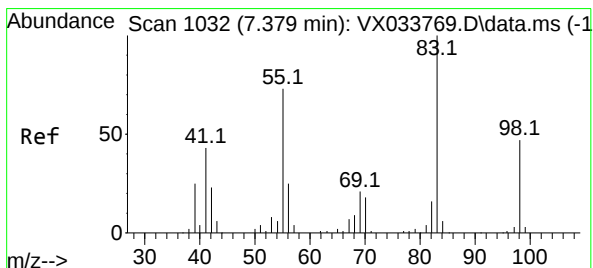
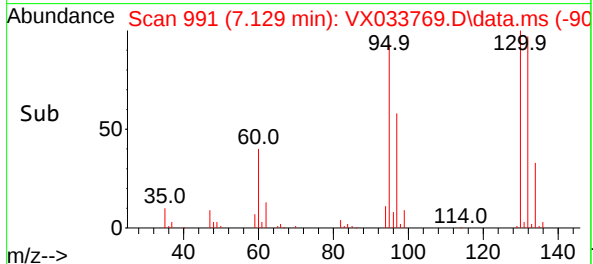
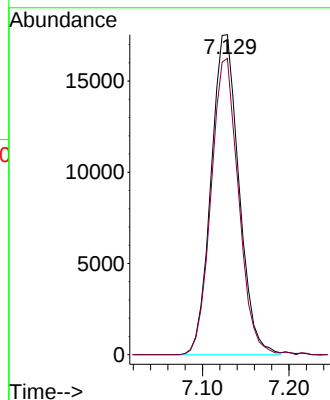
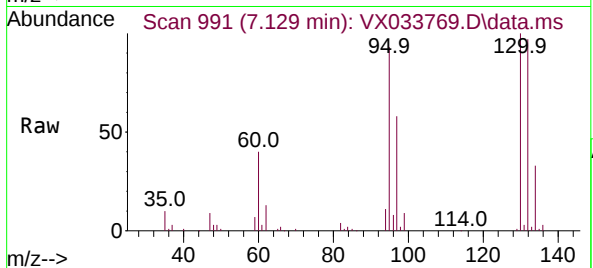
VSTDICCC020

Tgt Ion:130 Resp: 39290

Ion Ratio Lower Upper

130 100

95 92.6 74.1 111.1



#38

Methylcyclohexane

Concen: 20.148 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

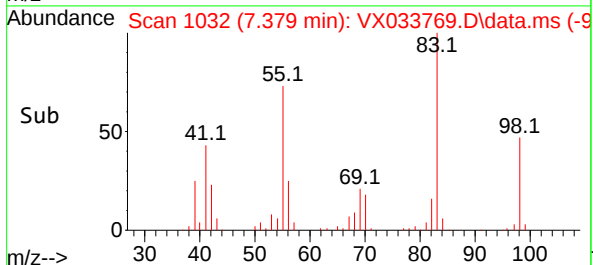
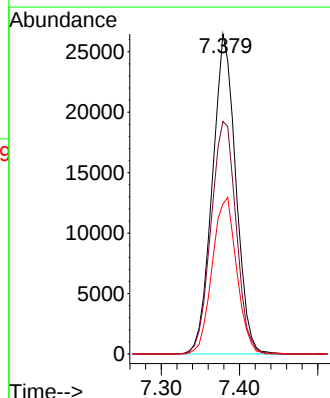
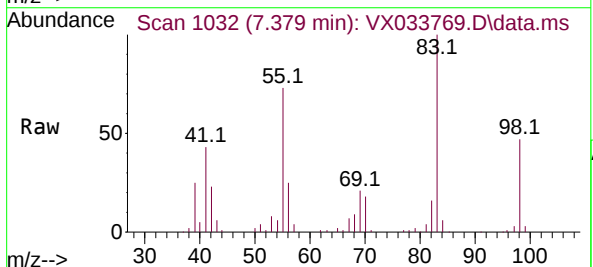
Tgt Ion: 83 Resp: 55091

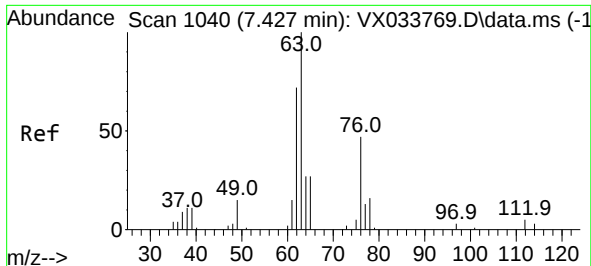
Ion Ratio Lower Upper

83 100

55 77.7 38.9 116.6

98 50.9 25.4 76.4





#39

1,2-Dichloropropane

Concen: 19.710 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

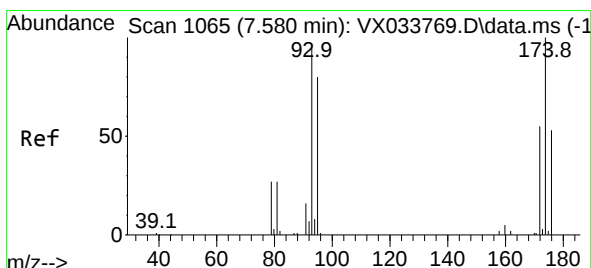
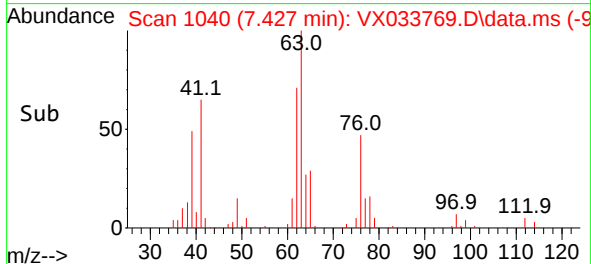
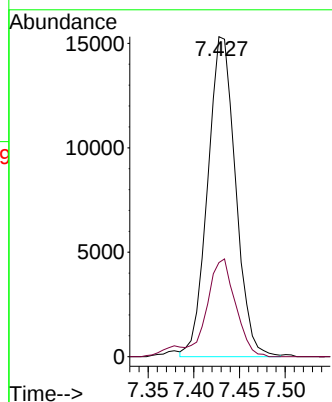
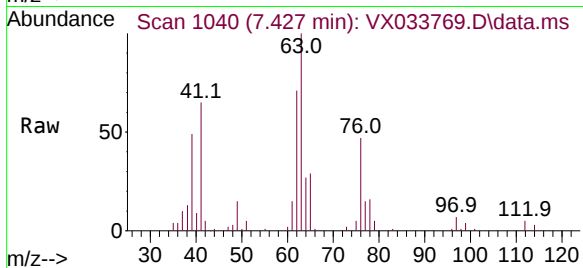
VSTDICCC020

Tgt Ion: 63 Resp: 32545

Ion Ratio Lower Upper

63 100

65 29.5 23.6 35.4



#40

Dibromomethane

Concen: 19.887 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

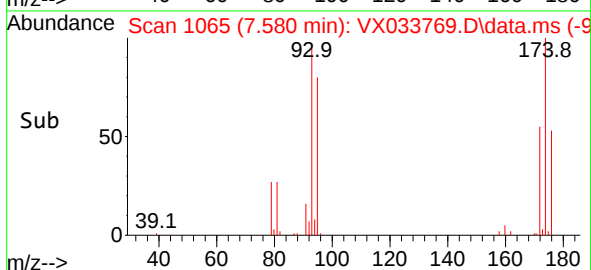
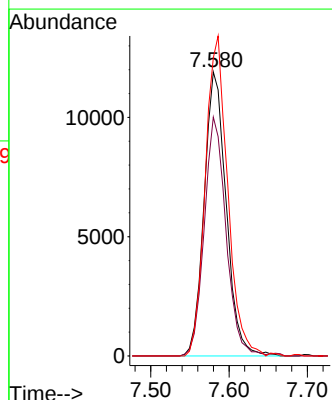
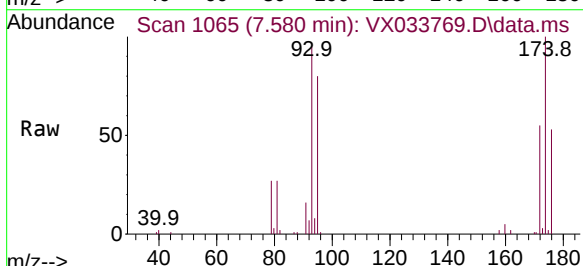
Tgt Ion: 93 Resp: 23340

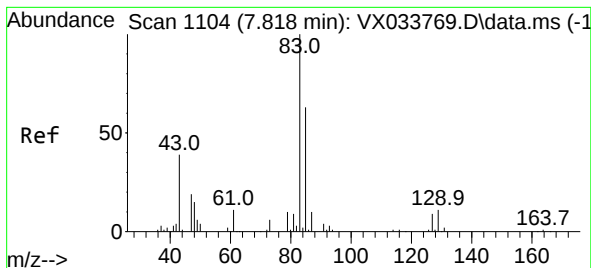
Ion Ratio Lower Upper

93 100

95 82.7 0.0 165.4

174 113.6 0.0 227.2





#41

Bromodichloromethane

Concen: 19.922 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

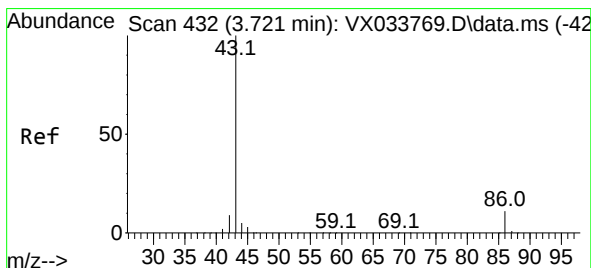
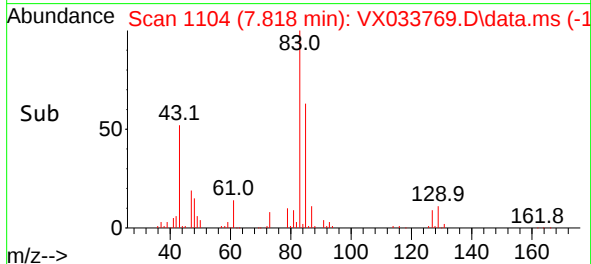
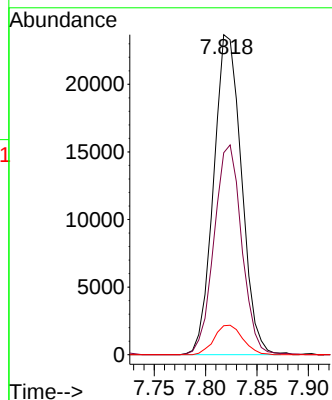
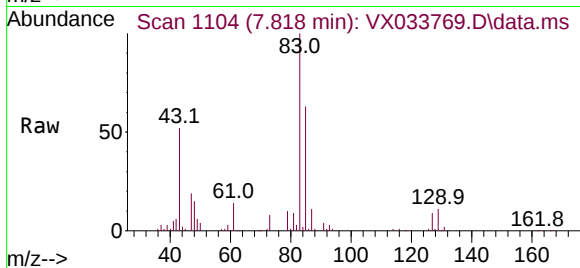
Tgt Ion: 83 Resp: 44609

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

127 9.0 7.2 10.8



#42

Vinyl Acetate

Concen: 101.481 ug/l

RT: 3.721 min Scan# 432

Delta R.T. 0.000 min

Lab File: VX033769.D

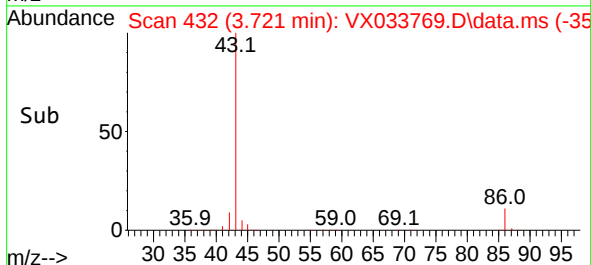
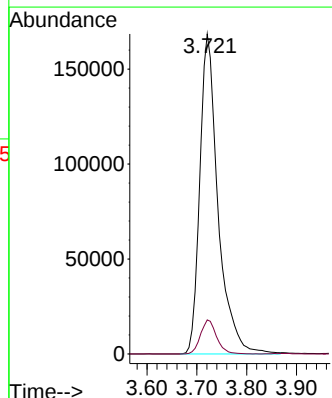
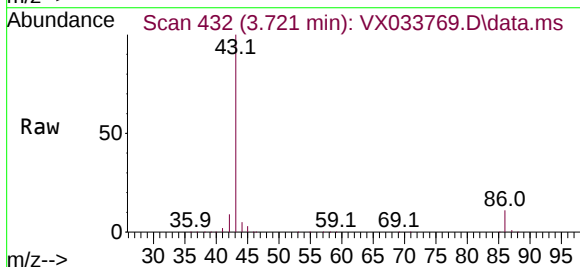
Acq: 18 Jan 2023 13:01

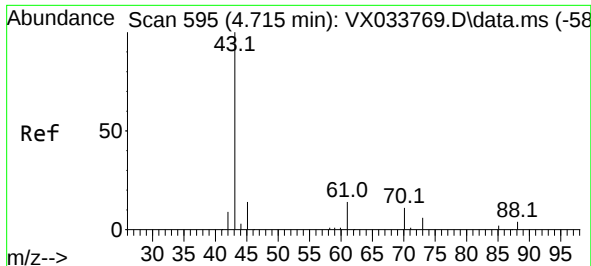
Tgt Ion: 43 Resp: 428114

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 19.759 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

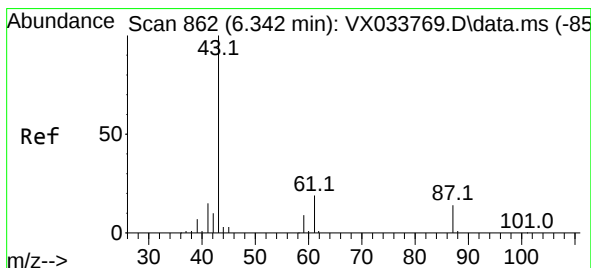
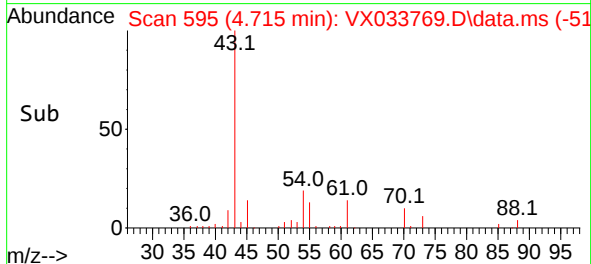
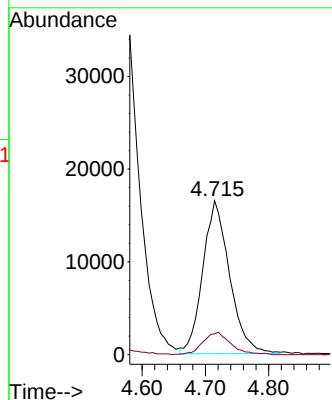
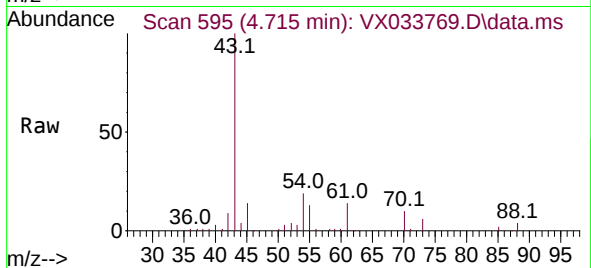
VSTDICCC020

Tgt Ion: 43 Resp: 48496

Ion Ratio Lower Upper

43 100

45 15.1 12.1 18.1



#44

Isopropyl Acetate

Concen: 20.037 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033769.D

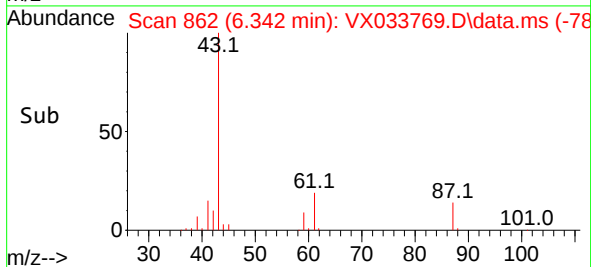
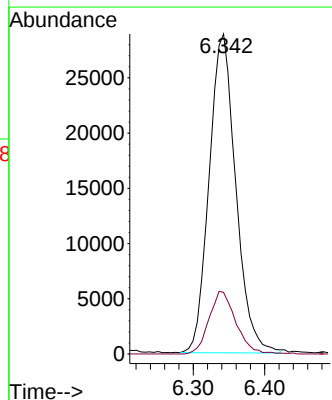
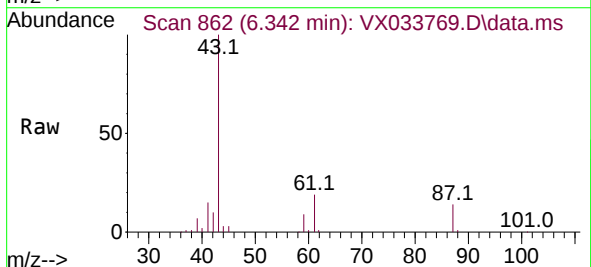
Acq: 18 Jan 2023 13:01

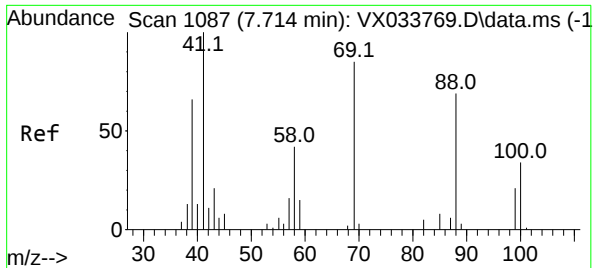
Tgt Ion: 43 Resp: 74779

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

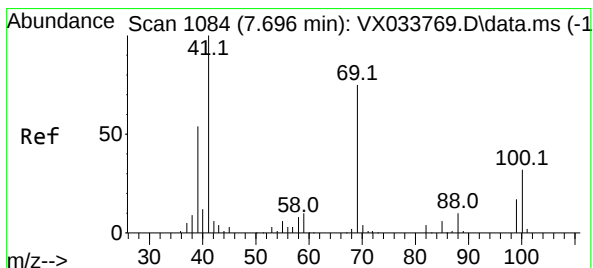
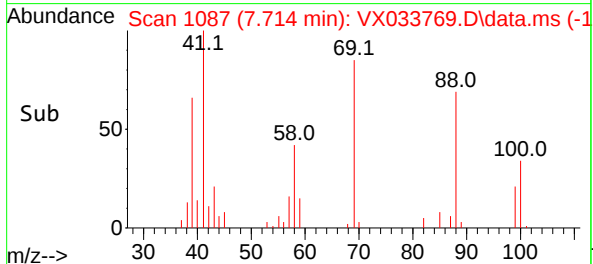
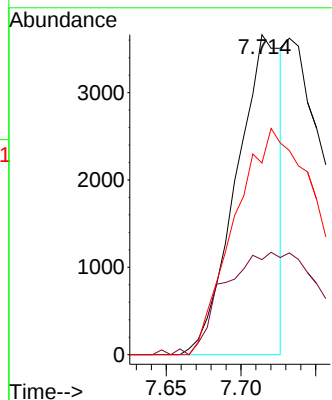
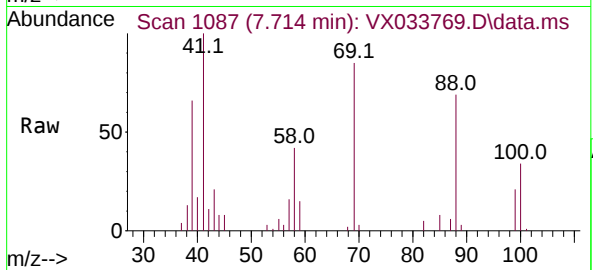




#45
1,4-Dioxane
Concen: 197.950 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

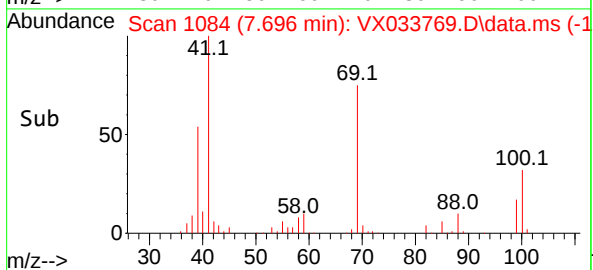
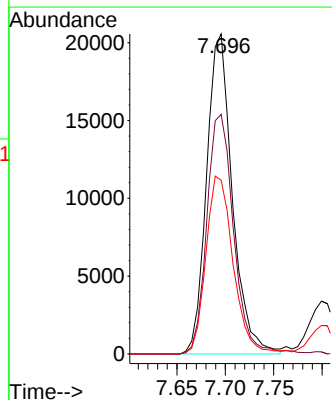
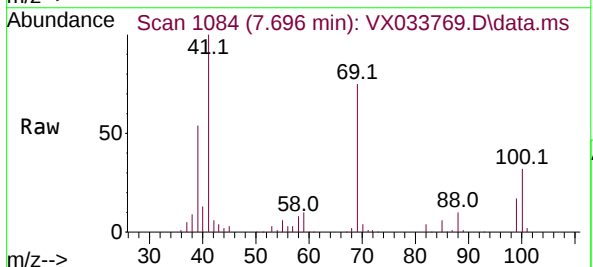
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

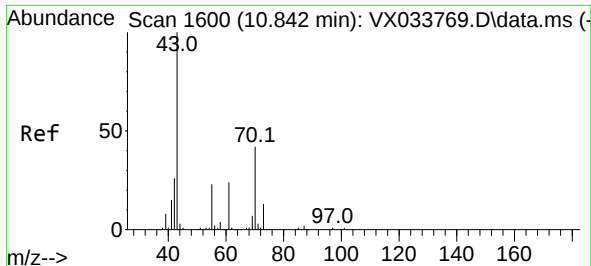
Tgt Ion: 88 Resp: 7635
Ion Ratio Lower Upper
88 100
43 7.4 2.8 4.2#
58 148.9 56.5 84.7#



#46
Methyl methacrylate
Concen: 20.177 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 41 Resp: 38235
Ion Ratio Lower Upper
41 100
69 74.8 37.4 112.2
39 54.3 27.2 81.5





#47

n-amy1 Acetate

Concen: 19.020 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

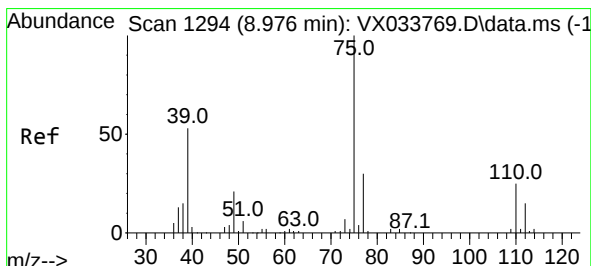
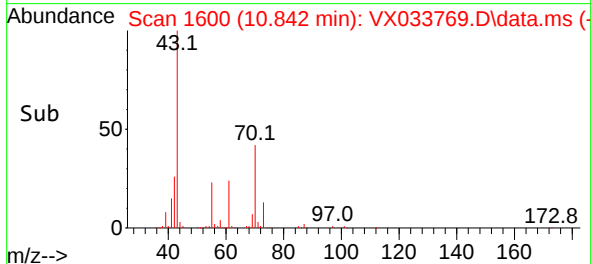
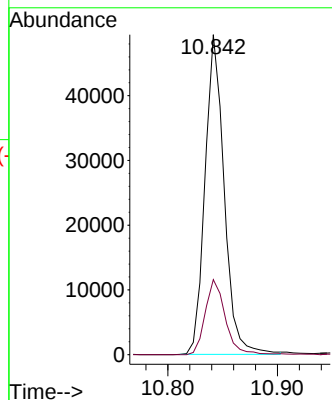
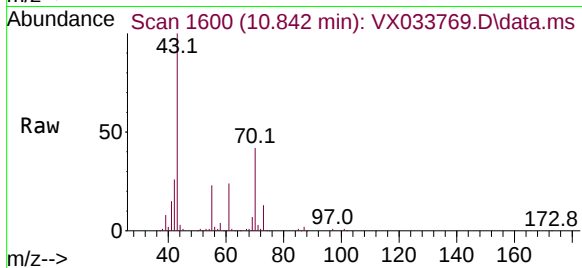
VSTDICCC020

Tgt Ion: 43 Resp: 59880

Ion Ratio Lower Upper

43 100

55 24.7 19.8 29.6



#48

t-1,3-Dichloropropene

Concen: 18.240 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033769.D

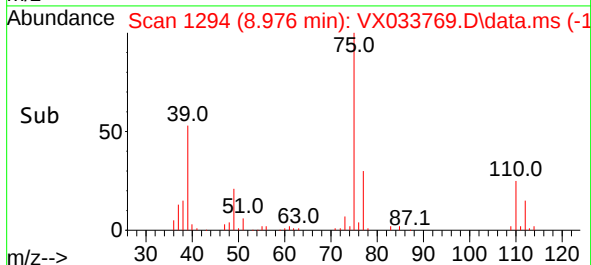
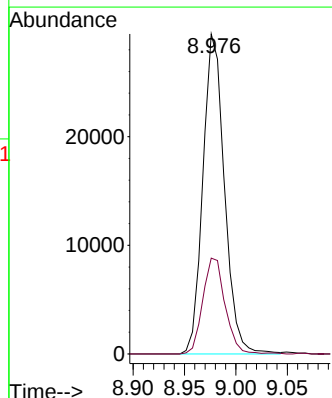
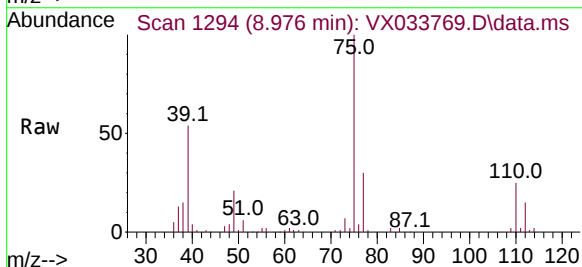
Acq: 18 Jan 2023 13:01

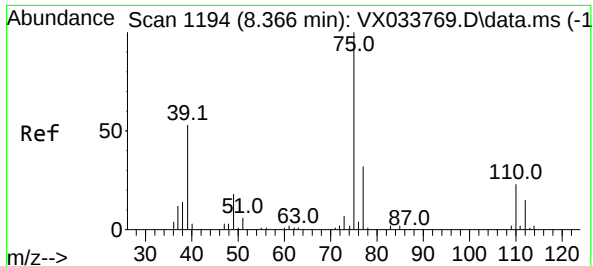
Tgt Ion: 75 Resp: 43029

Ion Ratio Lower Upper

75 100

77 30.0 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 19.376 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min
Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

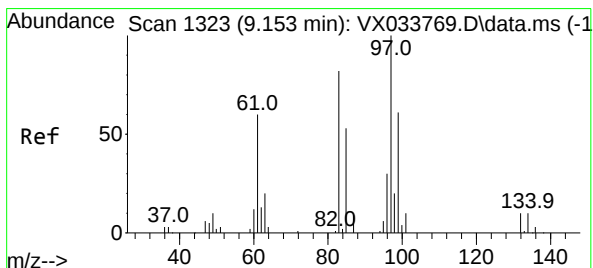
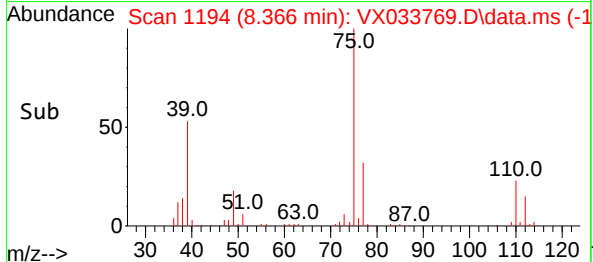
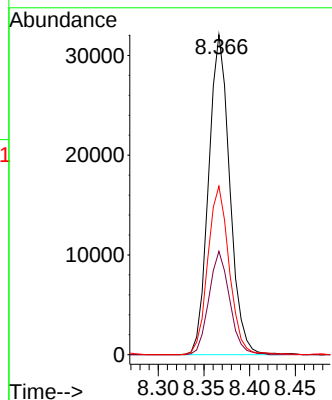
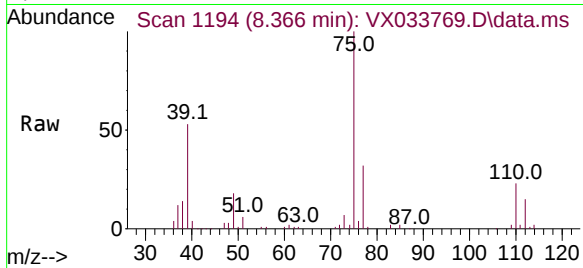
Tgt Ion: 75 Resp: 51596

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 52.7 42.2 63.2



#50

1,1,2-Trichloroethane

Concen: 18.980 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion: 97 Resp: 33044

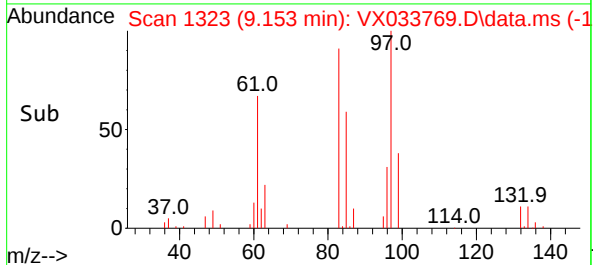
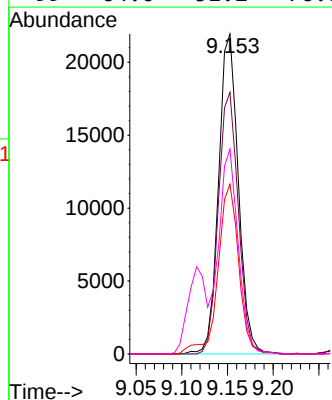
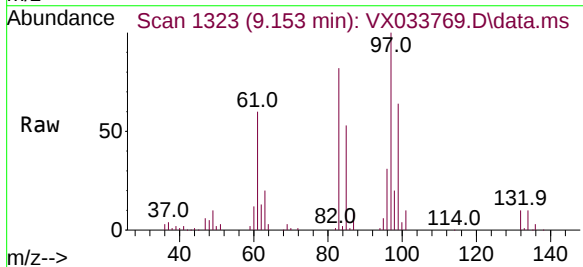
Ion Ratio Lower Upper

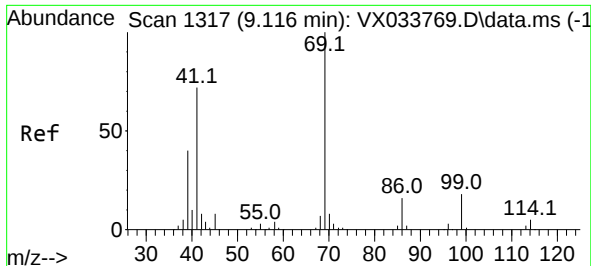
97 100

83 81.7 65.4 98.0

85 53.1 42.5 63.7

99 64.0 51.2 76.8

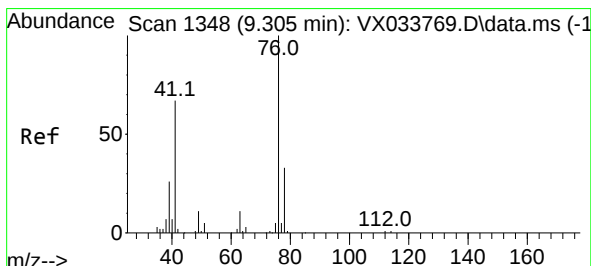
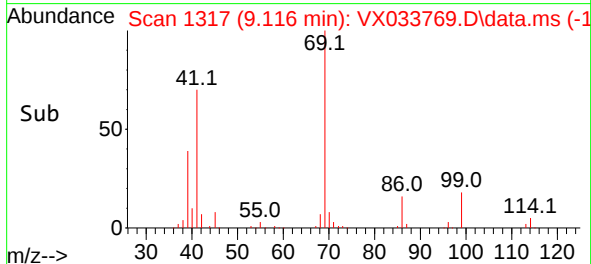
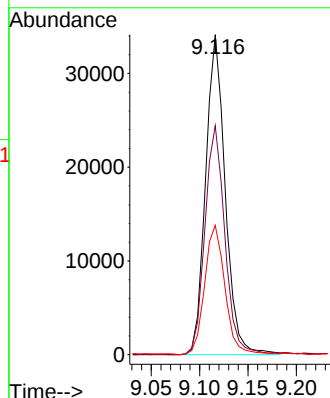
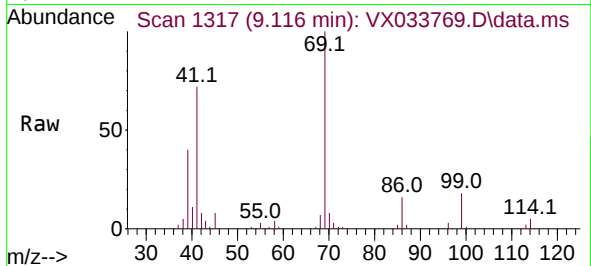




#51
Ethyl methacrylate
Concen: 18.735 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

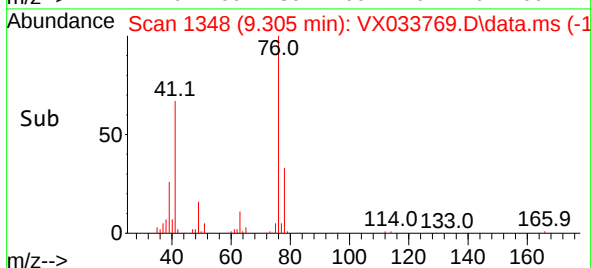
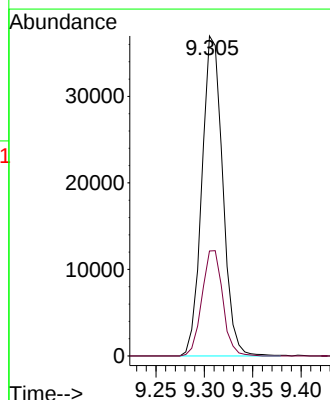
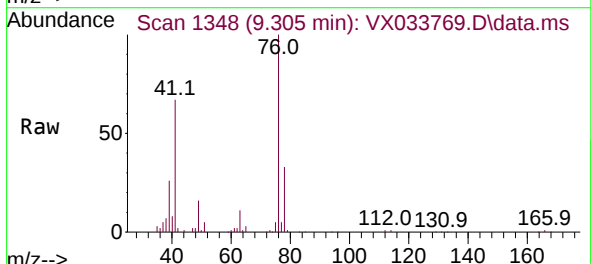
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

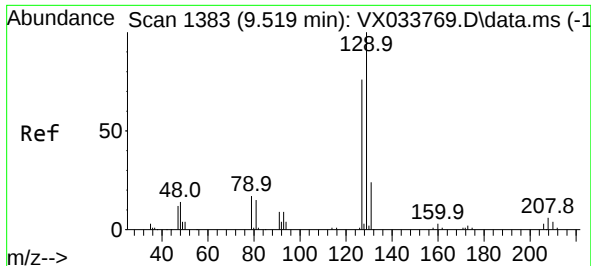
Tgt Ion: 69 Resp: 48324
Ion Ratio Lower Upper
69 100
41 71.5 35.8 107.3
39 40.4 20.2 60.6



#52
1,3-Dichloropropane
Concen: 18.931 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 76 Resp: 55544
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.6

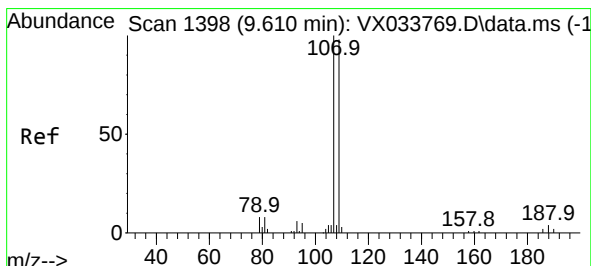
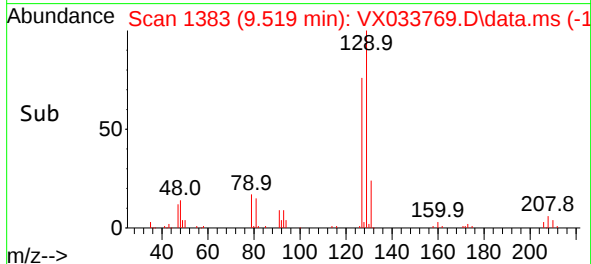
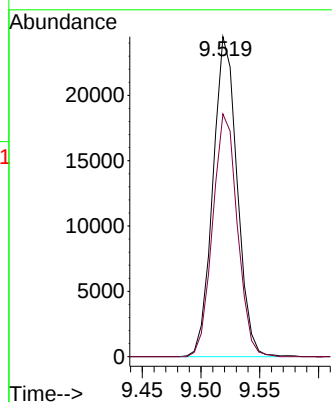
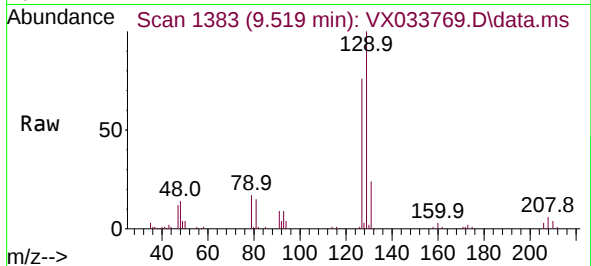




#53
Dibromochloromethane
Concen: 18.438 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

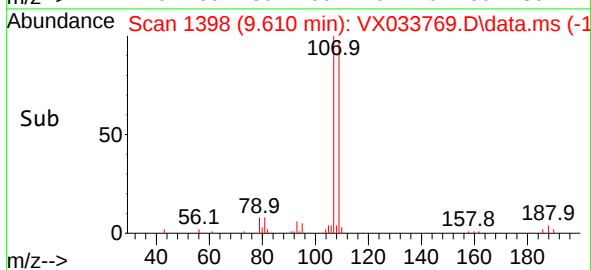
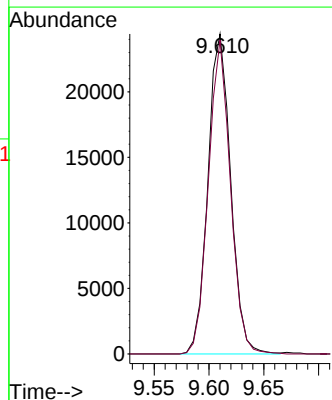
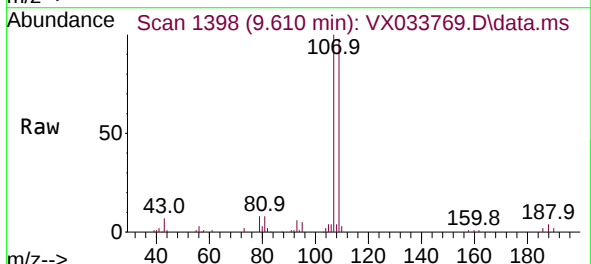
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

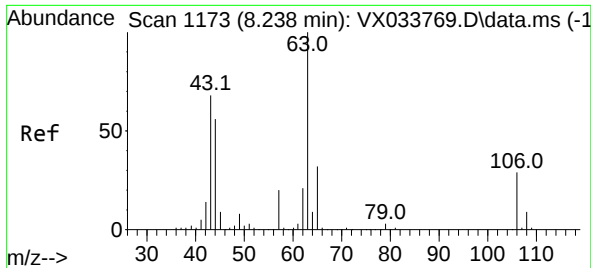
Tgt Ion:129 Resp: 35060
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0



#54
1,2-Dibromoethane
Concen: 18.763 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:107 Resp: 35287
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

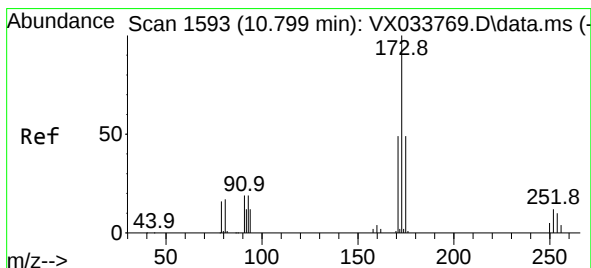
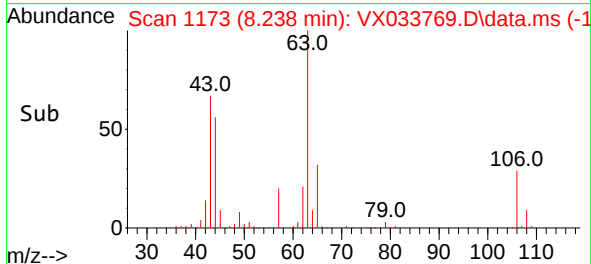
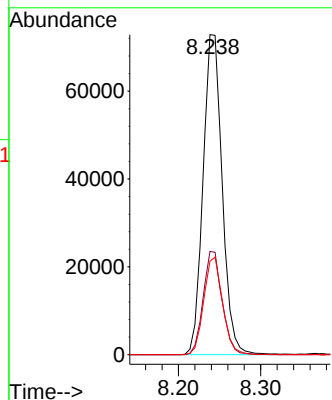
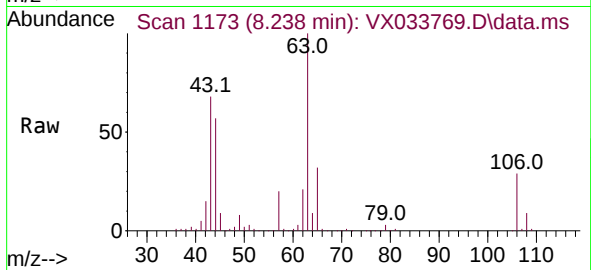




#55
2-Chloroethyl vinyl ether
Concen: 97.474 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

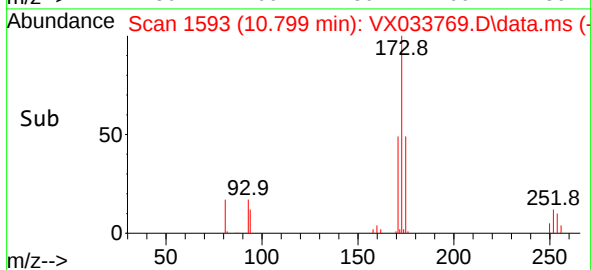
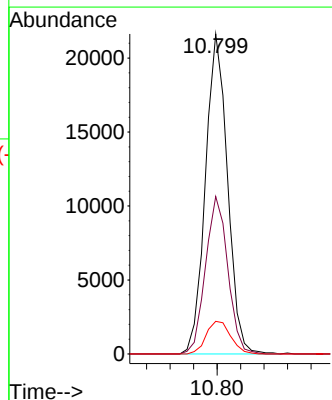
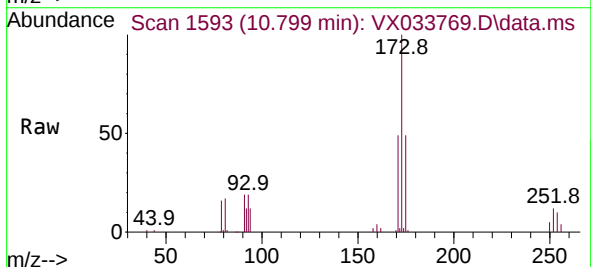
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

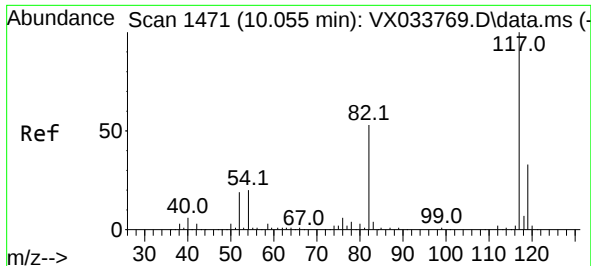
Tgt Ion: 63 Resp: 118043
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2
106 29.9 23.9 35.9



#56
Bromoform
Concen: 19.131 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 173 Resp: 28233
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.6
254 11.3 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

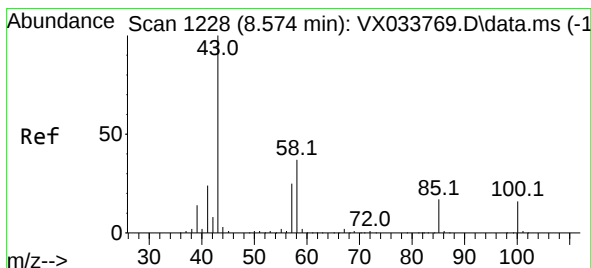
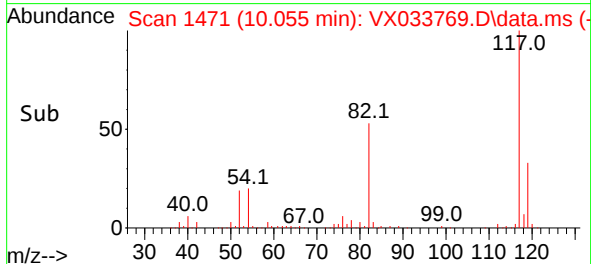
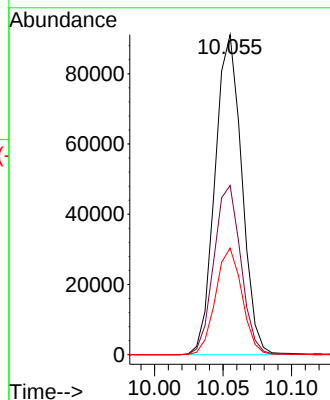
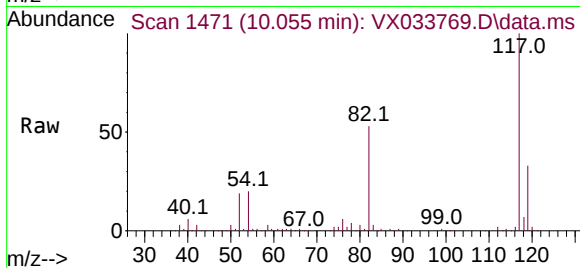
Tgt Ion:117 Resp: 123997

Ion Ratio Lower Upper

117 100

82 53.3 42.6 64.0

119 33.0 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 107.081 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

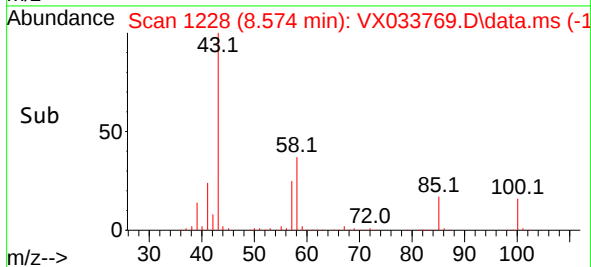
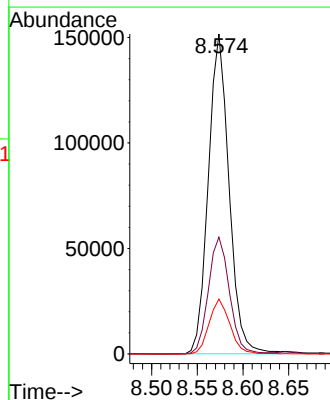
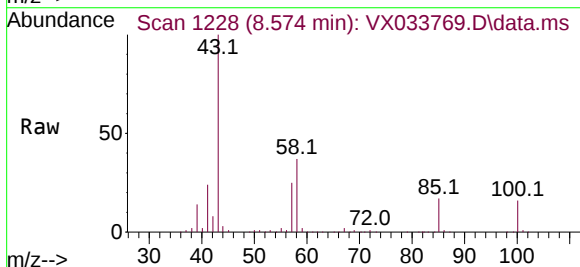
Tgt Ion: 43 Resp: 238663

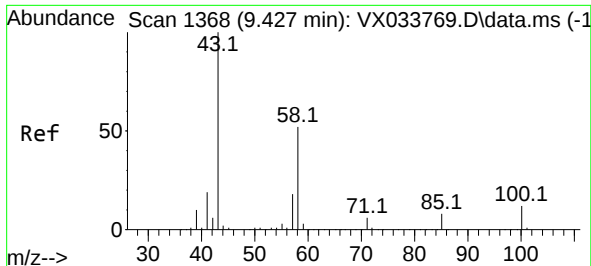
Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6

85 17.1 13.7 20.5





#59

2-Hexanone

Concen: 106.776 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

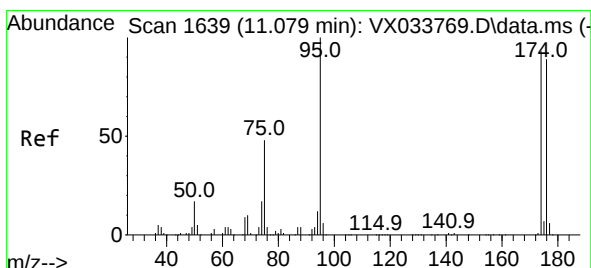
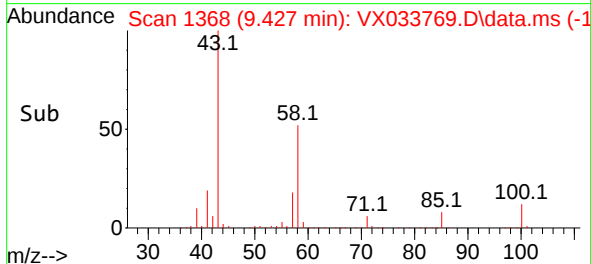
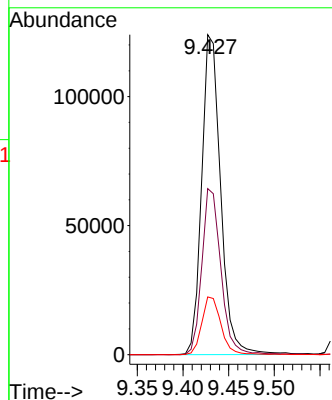
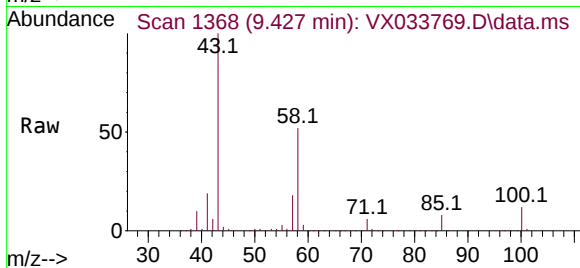
Tgt Ion: 43 Resp: 178812

Ion Ratio Lower Upper

43 100

58 52.0 41.6 62.4

57 18.2 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 30.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

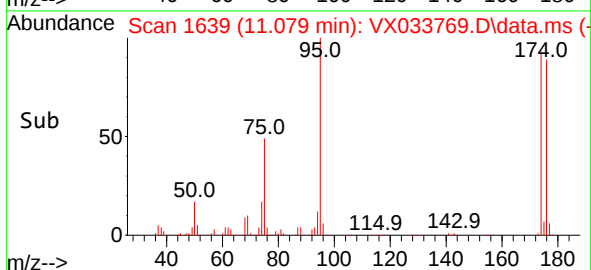
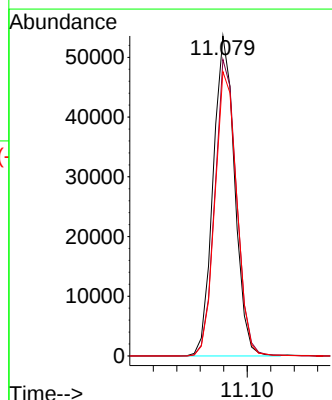
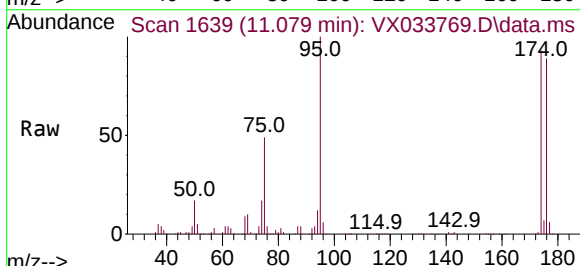
Tgt Ion: 95 Resp: 68207

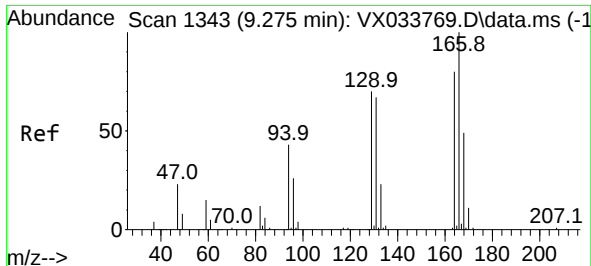
Ion Ratio Lower Upper

95 100

174 93.2 74.6 111.8

176 90.2 72.2 108.2



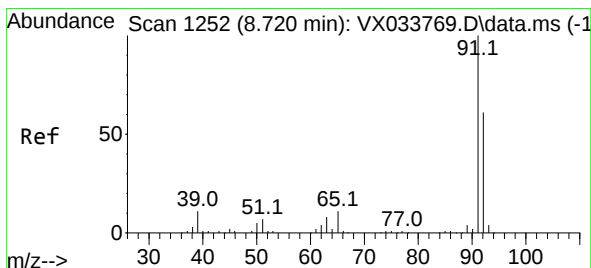
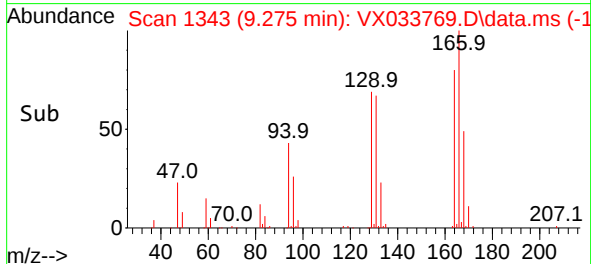
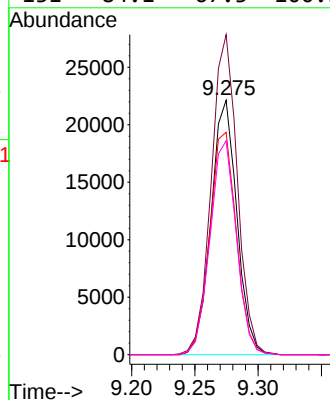
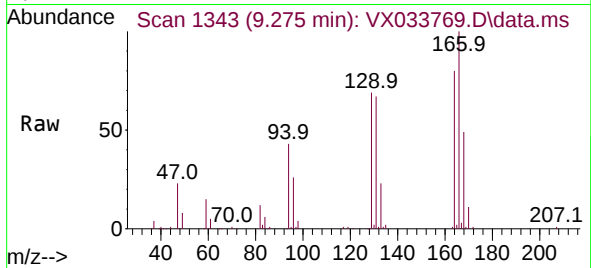


#61
Tetrachloroethene
Concen: 19.310 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:164 Resp: 31529

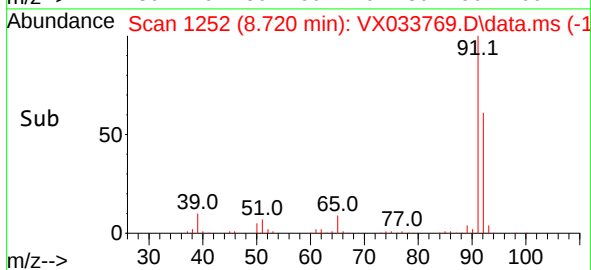
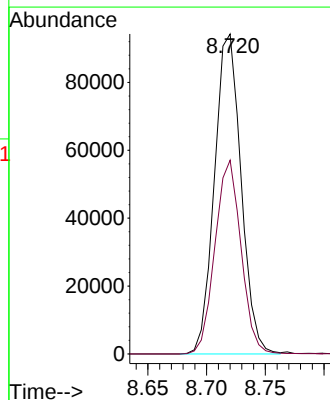
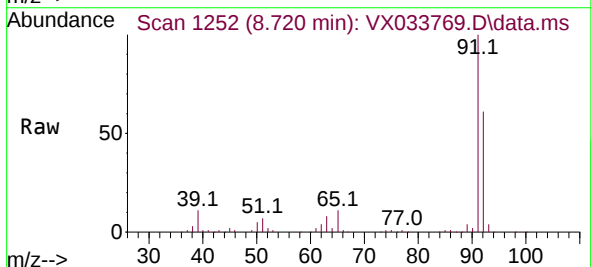
Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.6	151.0
129	87.4	69.9	104.9
131	84.1	67.3	100.9

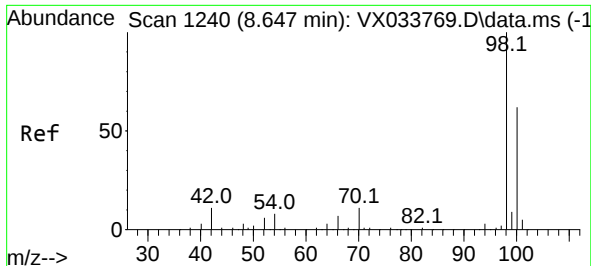


#62
Toluene
Concen: 21.400 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 91 Resp: 148430

Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.5	71.3

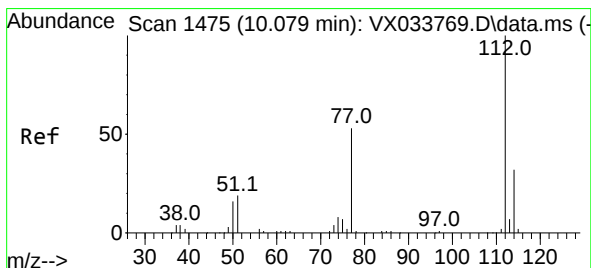
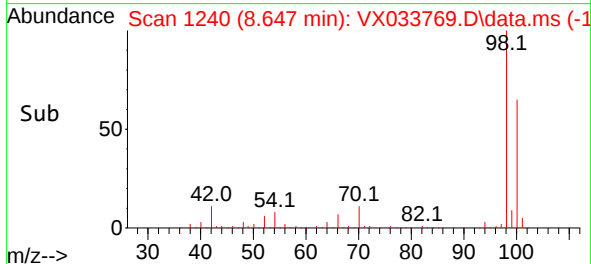
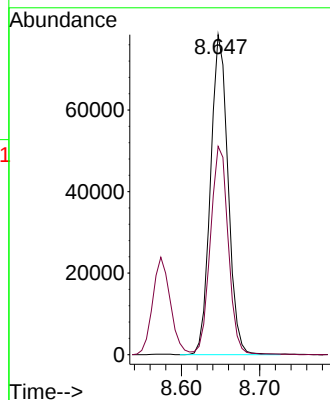
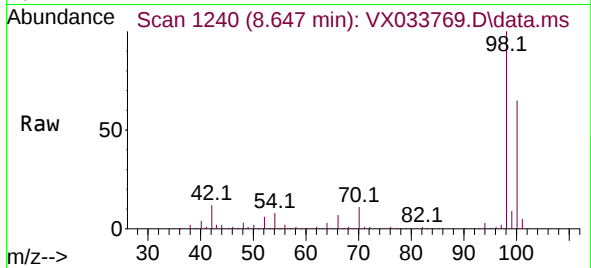




#63
Toluene-d8
Concen: 30.751 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

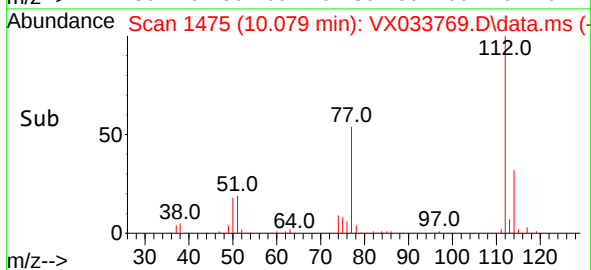
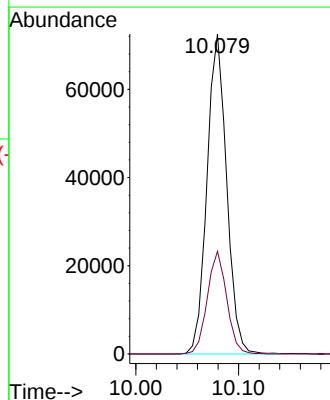
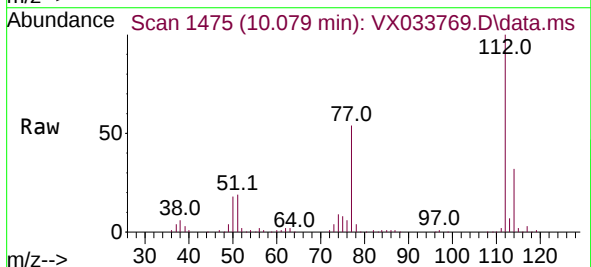
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

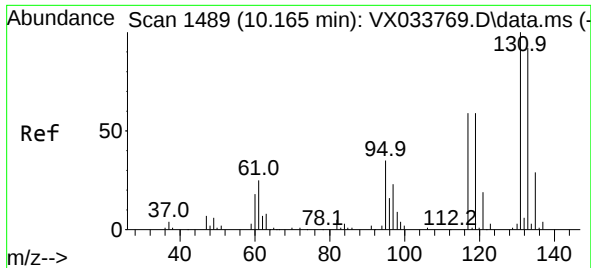
Tgt Ion: 98 Resp: 121654
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#64
Chlorobenzene
Concen: 20.829 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 112 Resp: 96311
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

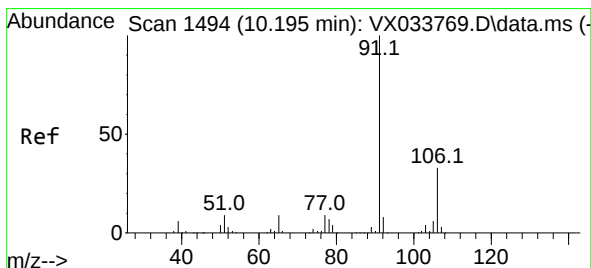
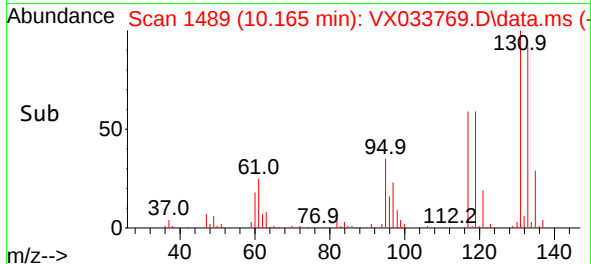
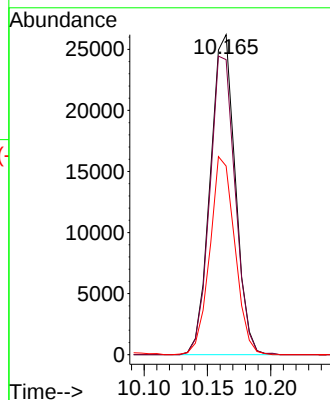
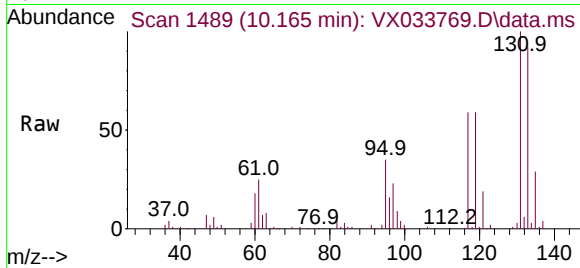




#65
1,1,1,2-Tetrachloroethane
Concen: 20.953 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

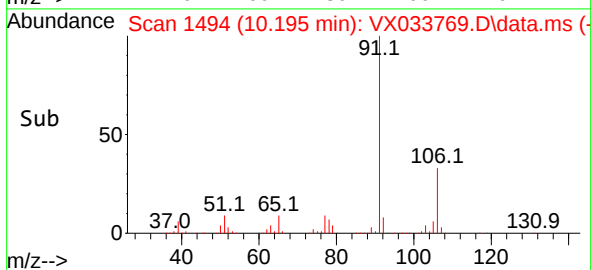
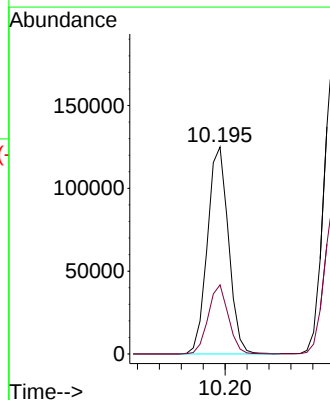
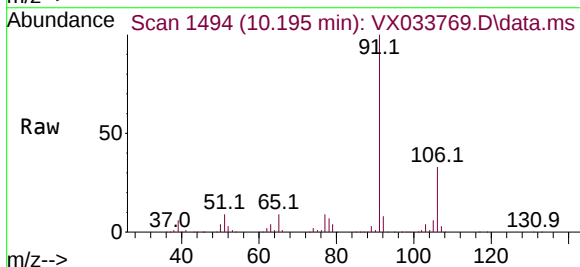
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

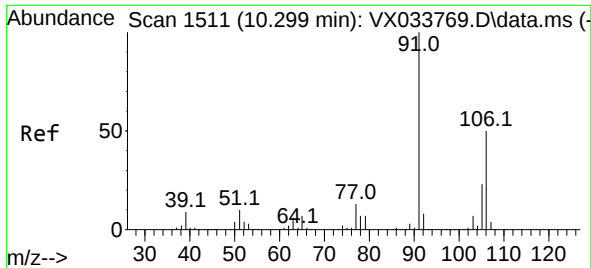
Tgt Ion:131 Resp: 36076
Ion Ratio Lower Upper
131 100
133 94.4 0.0 188.8
119 61.7 0.0 123.4



#66
Ethyl Benzene
Concen: 21.040 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 91 Resp: 167007
Ion Ratio Lower Upper
91 100
106 33.4 26.7 40.1

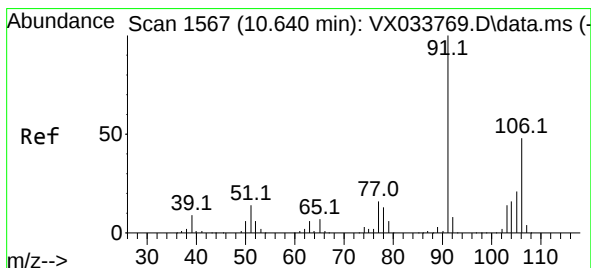
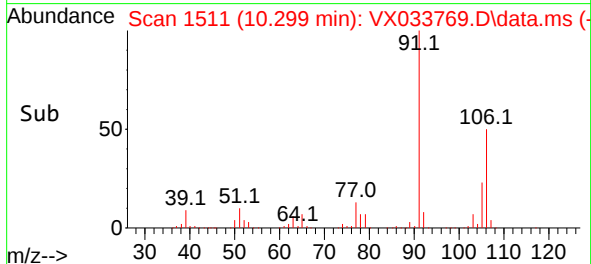
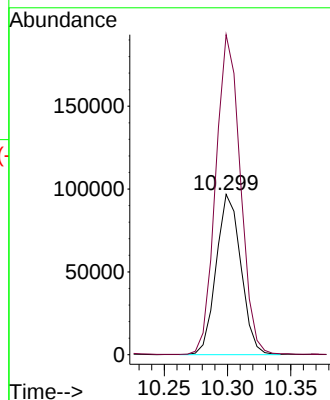
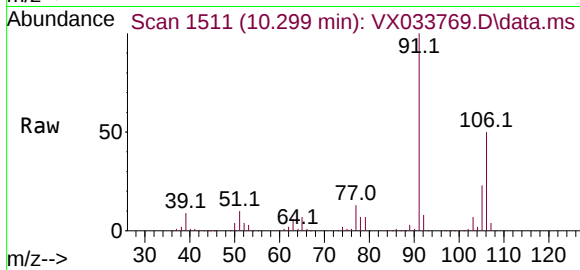




#67
m/p-Xylenes
Concen: 41.934 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

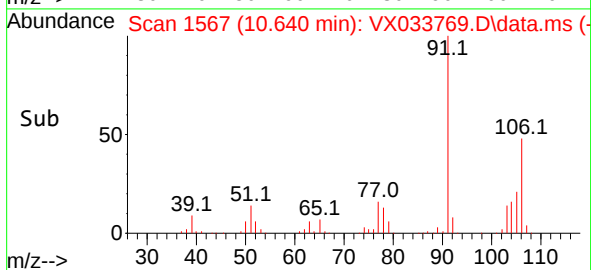
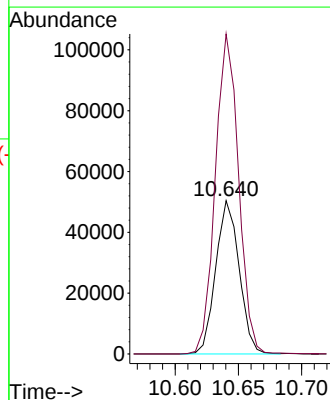
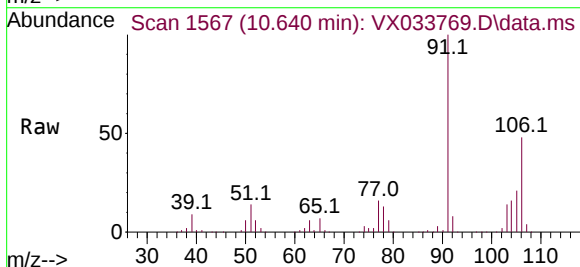
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

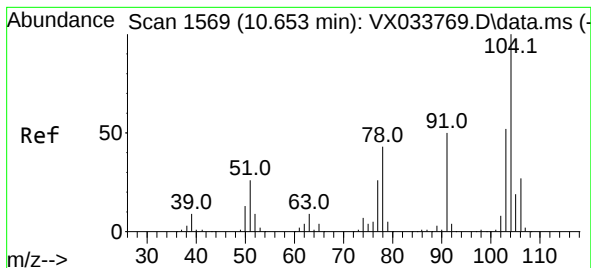
Tgt Ion:106 Resp: 131451
Ion Ratio Lower Upper
106 100
91 199.6 159.7 239.5



#68
o-Xylene
Concen: 20.870 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:106 Resp: 64875
Ion Ratio Lower Upper
106 100
91 205.7 102.8 308.5





#69

Styrene

Concen: 21.011 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

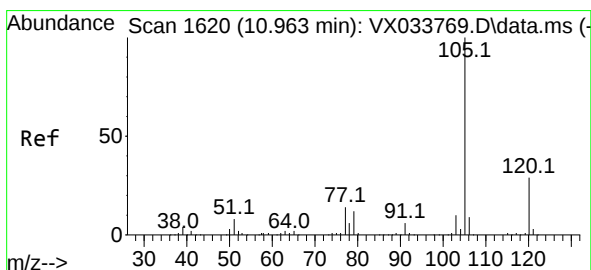
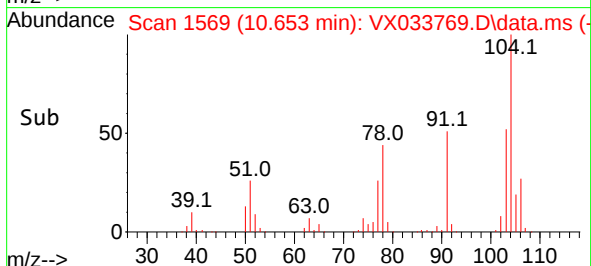
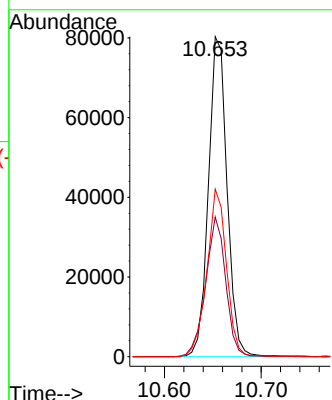
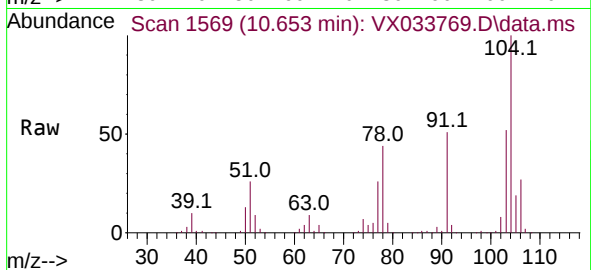
Tgt Ion:104 Resp: 107434

Ion Ratio Lower Upper

104 100

78 47.0 37.6 56.4

103 55.3 44.2 66.4



#70

Isopropylbenzene

Concen: 21.071 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033769.D

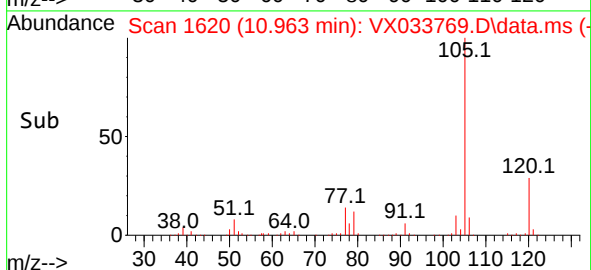
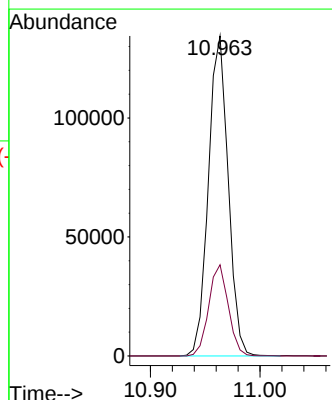
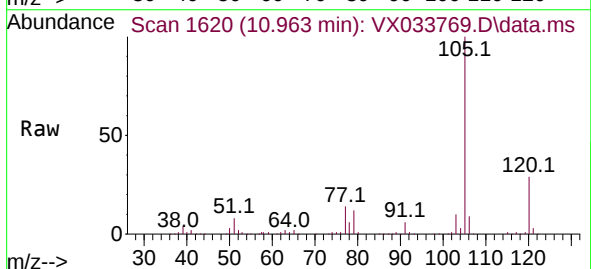
Acq: 18 Jan 2023 13:01

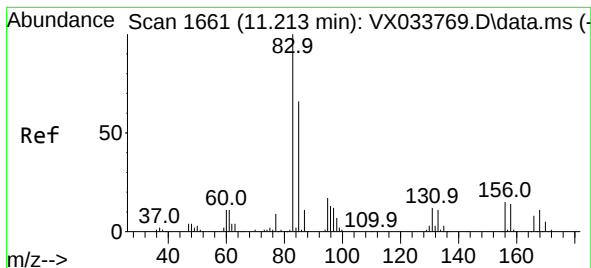
Tgt Ion:105 Resp: 168714

Ion Ratio Lower Upper

105 100

120 28.1 19.7 36.5

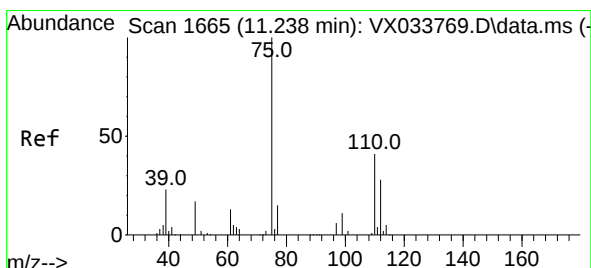
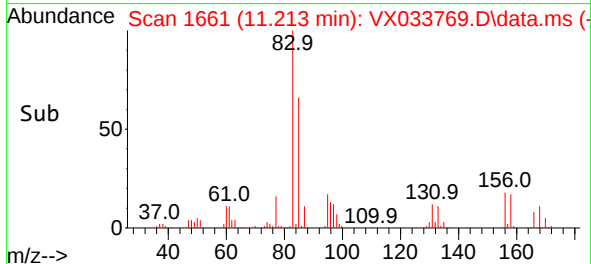
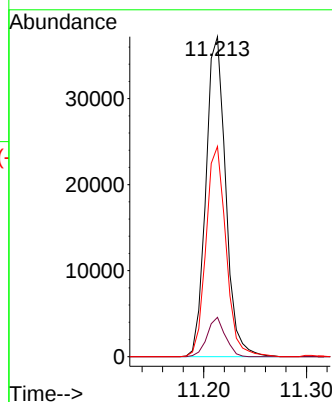
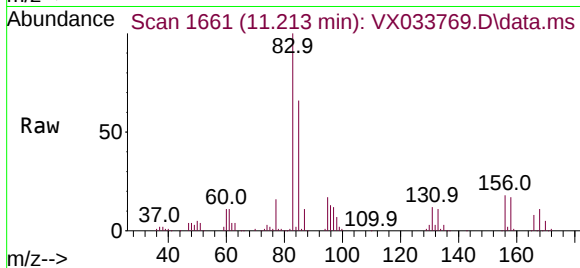




#71
1,1,2,2-Tetrachloroethane
Concen: 20.796 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

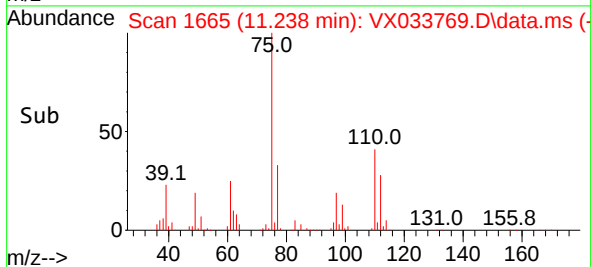
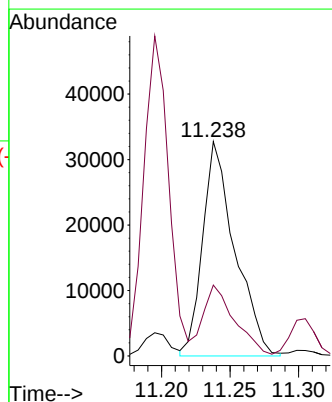
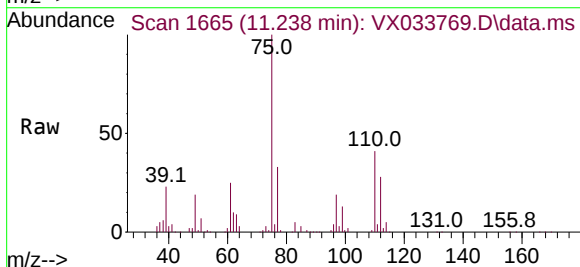
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

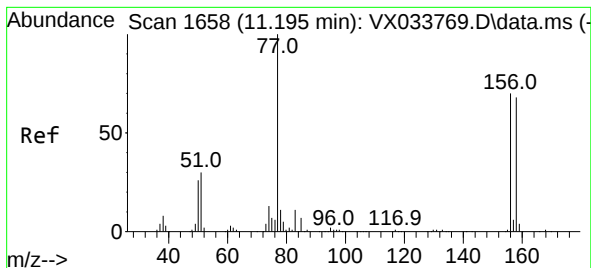
Tgt Ion: 83 Resp: 49928
Ion Ratio Lower Upper
83 100
131 11.3 5.7 17.0
85 66.5 33.3 99.8



#72
1,2,3-Trichloropropane
Concen: 24.554 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 75 Resp: 53711
Ion Ratio Lower Upper
75 100
77 32.5 0.0 75.6





#73

Bromobenzene

Concen: 21.169 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

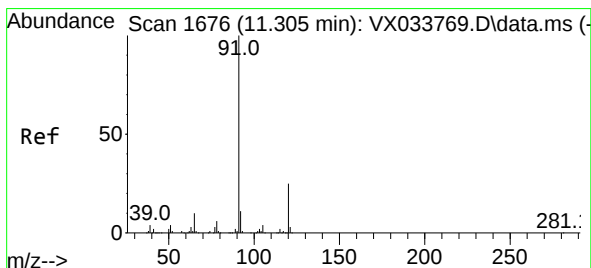
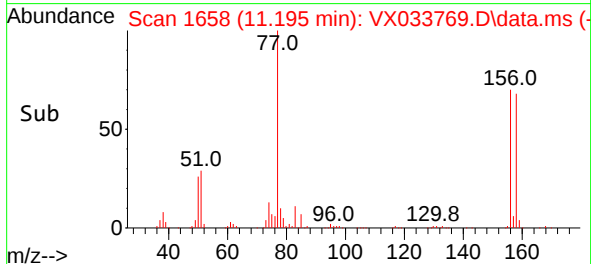
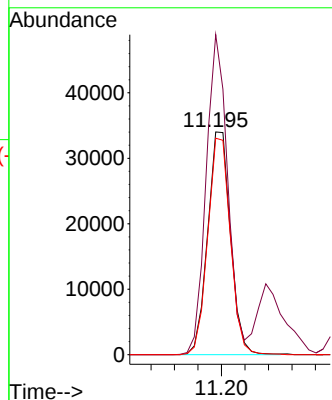
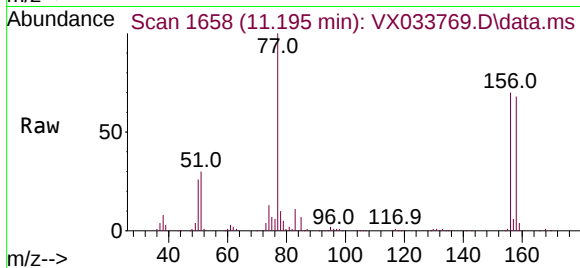
Tgt Ion:156 Resp: 45905

Ion Ratio Lower Upper

156 100

77 134.7 0.0 269.4

158 96.3 0.0 192.6



#74

n-propylbenzene

Concen: 21.086 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033769.D

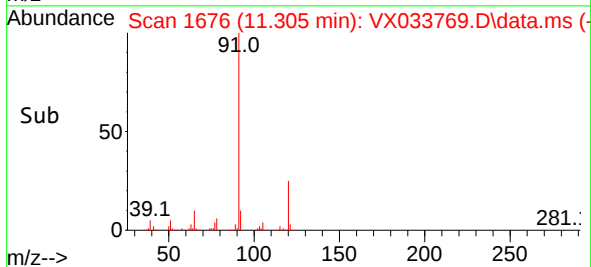
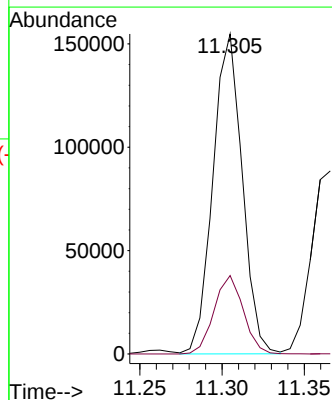
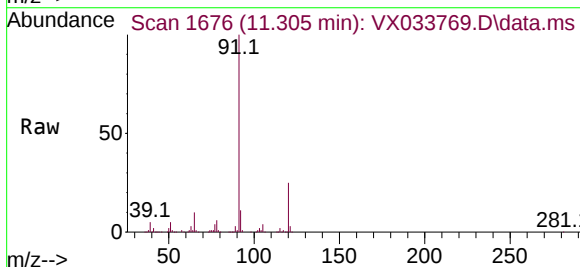
Acq: 18 Jan 2023 13:01

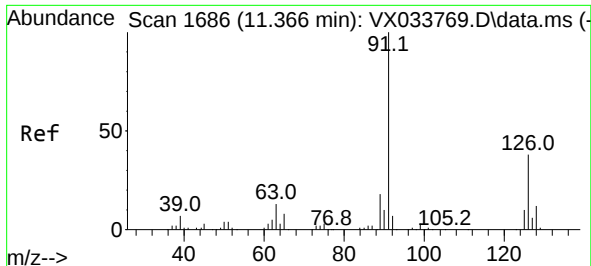
Tgt Ion: 91 Resp: 191794

Ion Ratio Lower Upper

91 100

120 24.4 0.0 48.8

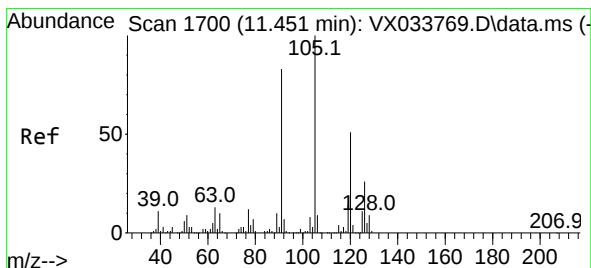
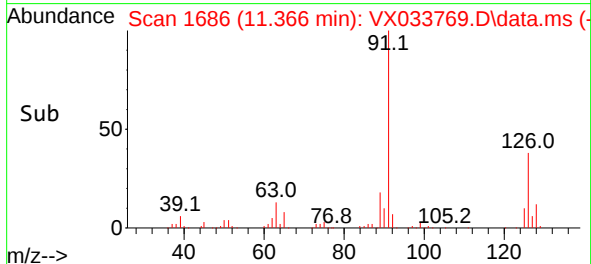
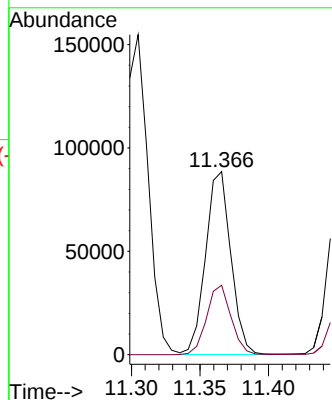
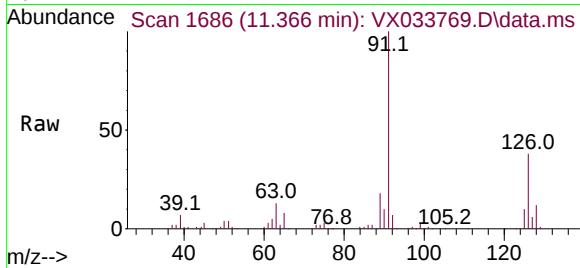




#75
2-Chlorotoluene
Concen: 21.057 ug/l
RT: 11.366 min Scan# 113932
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

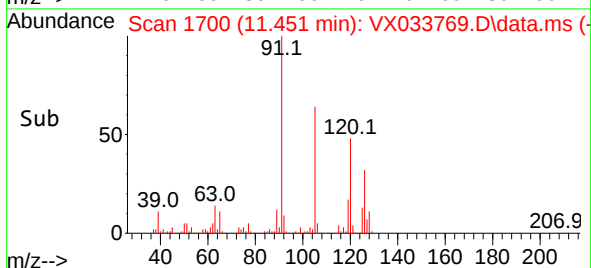
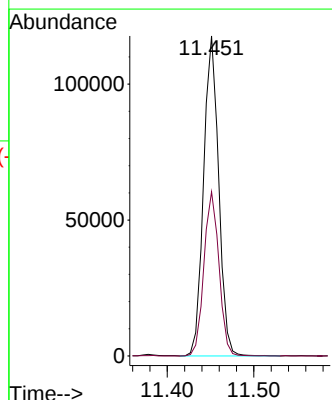
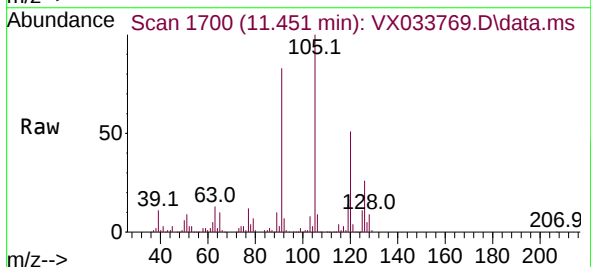
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

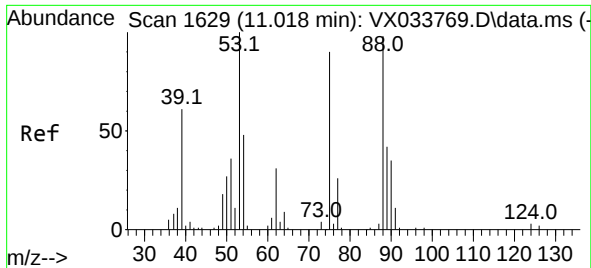
Tgt Ion: 91 Resp: 113932
Ion Ratio Lower Upper
91 100
126 36.5 0.0 73.0



#76
1,3,5-Trimethylbenzene
Concen: 21.428 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 105 Resp: 142288
Ion Ratio Lower Upper
105 100
120 51.1 0.0 102.2

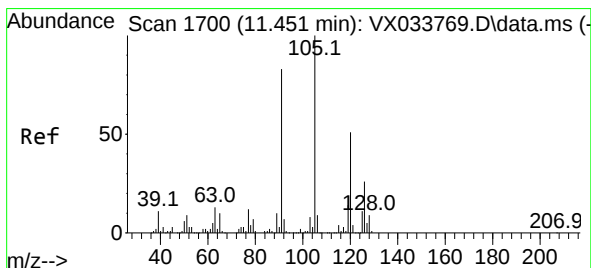
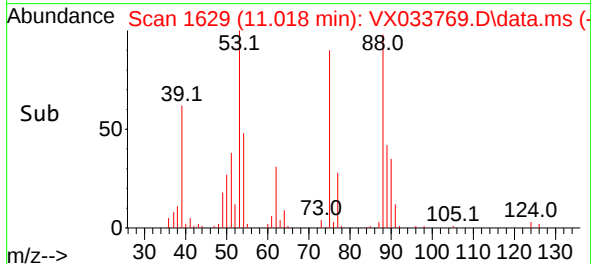
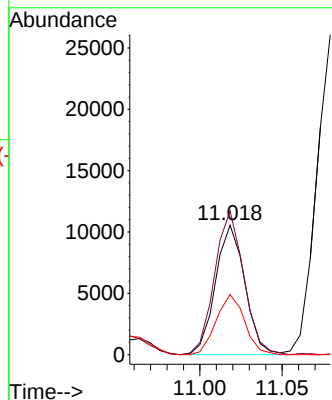
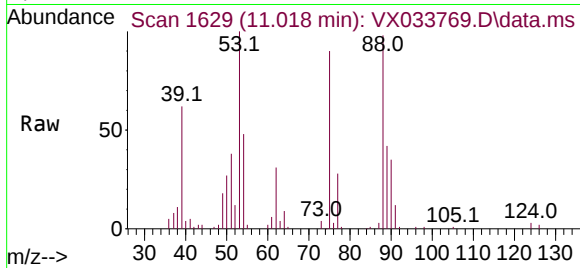




#77
t-1,4-Dichloro-2-butene
Concen: 19.532 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

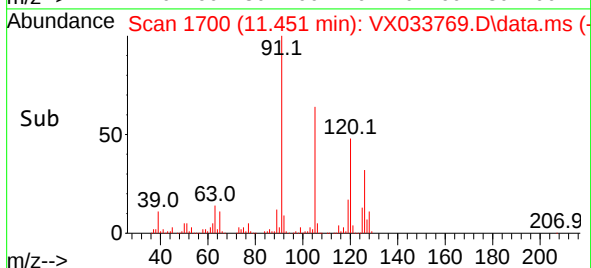
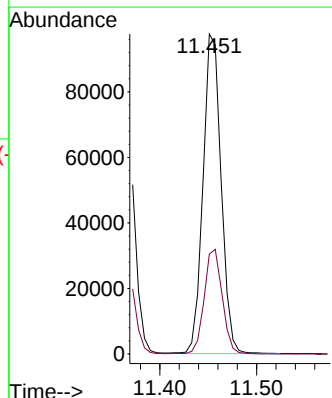
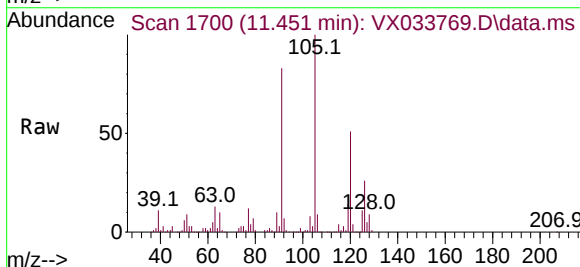
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

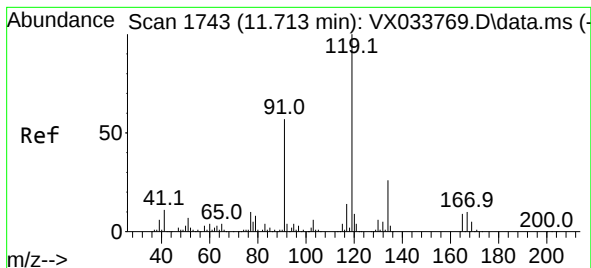
Tgt Ion: 75 Resp: 13128
Ion Ratio Lower Upper
75 100
53 110.9 55.5 166.3
89 46.5 23.3 69.8



#78
4-Chlorotoluene
Concen: 20.883 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 91 Resp: 127118
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.2





#79

tert-butylbenzene

Concen: 21.204 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

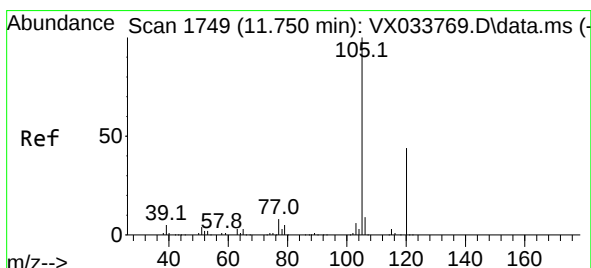
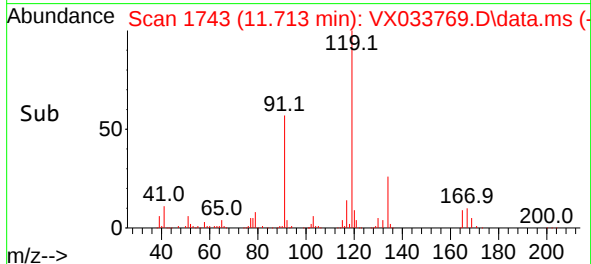
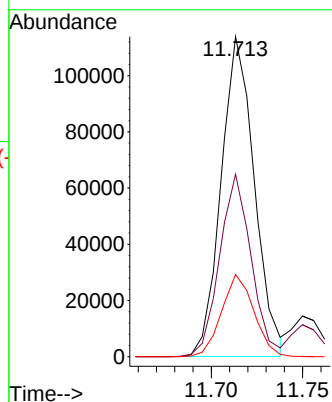
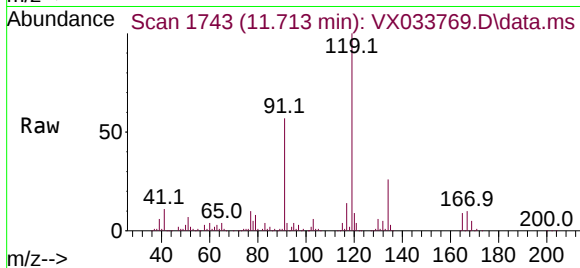
Tgt Ion:119 Resp: 144117

Ion Ratio Lower Upper

119 100

91 54.2 0.0 108.4

134 25.0 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 21.194 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033769.D

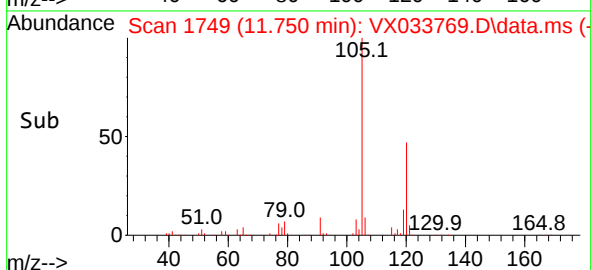
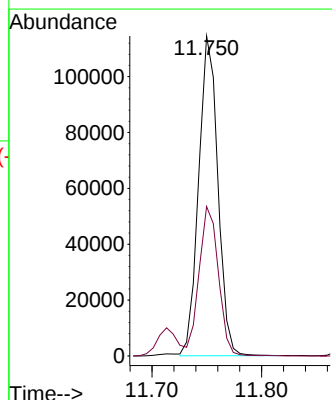
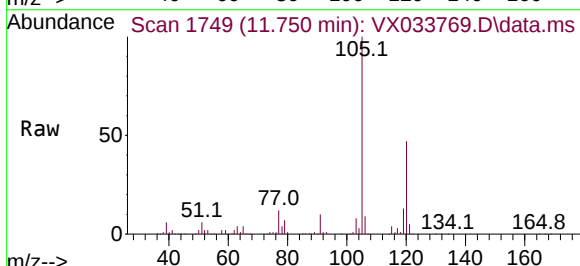
Acq: 18 Jan 2023 13:01

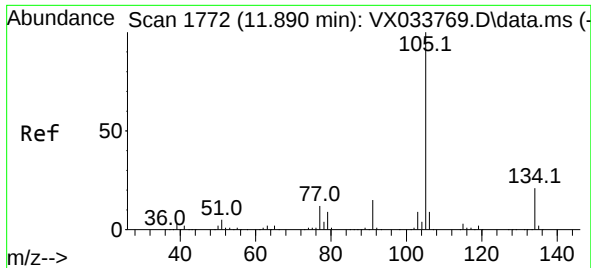
Tgt Ion:105 Resp: 139530

Ion Ratio Lower Upper

105 100

120 46.7 0.0 93.4

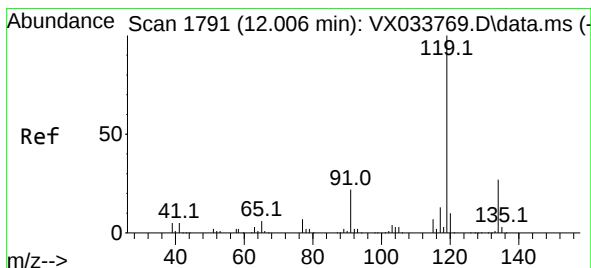
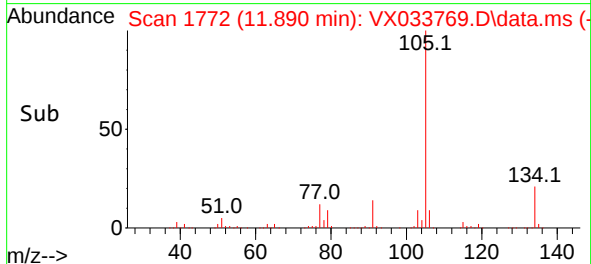
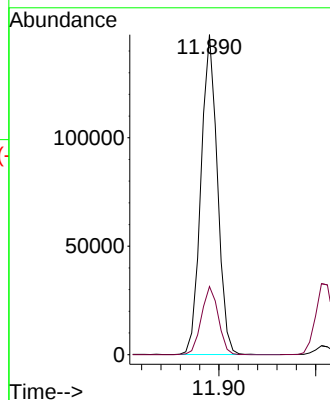
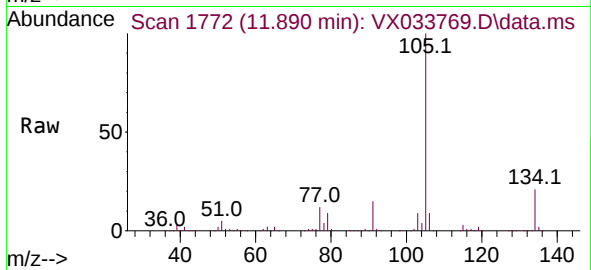




#81
 sec-Butylbenzene
 Concen: 21.063 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

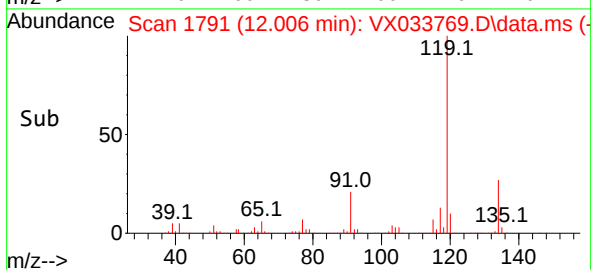
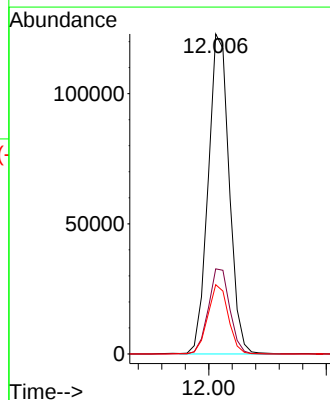
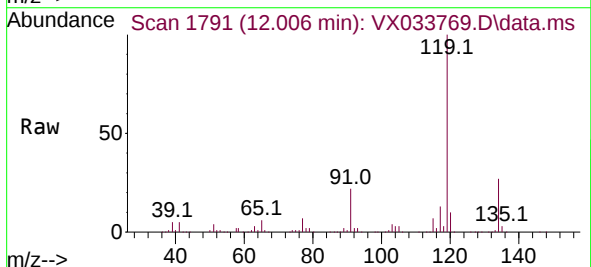
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

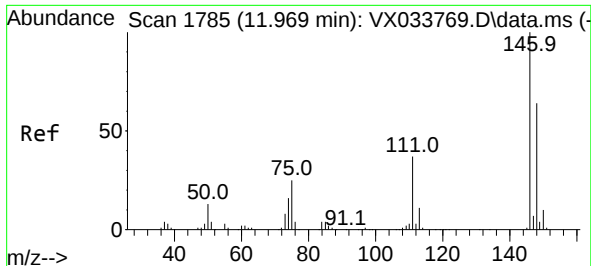
Tgt Ion:105 Resp: 174199
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.8



#82
 p-Isopropyltoluene
 Concen: 21.264 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

Tgt Ion:119 Resp: 152338
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.2
 91 20.9 0.0 41.8





#83

1,3-Dichlorobenzene

Concen: 20.856 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

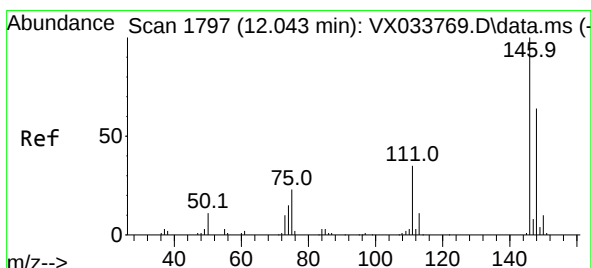
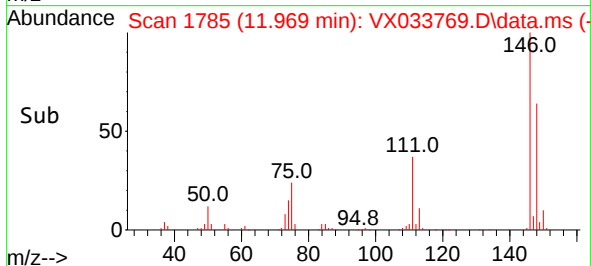
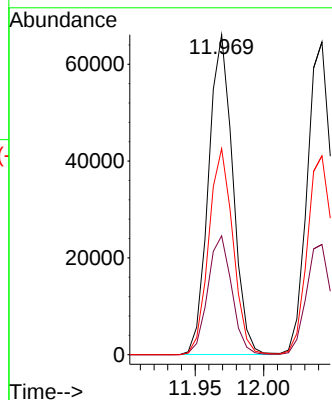
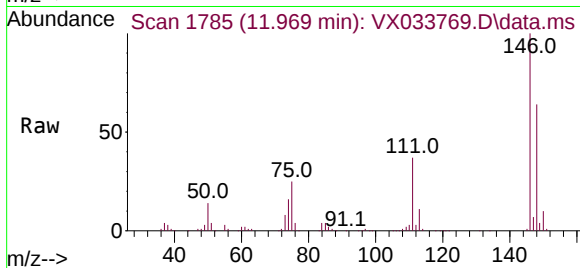
Tgt Ion:146 Resp: 81707

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

148 64.3 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 20.686 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

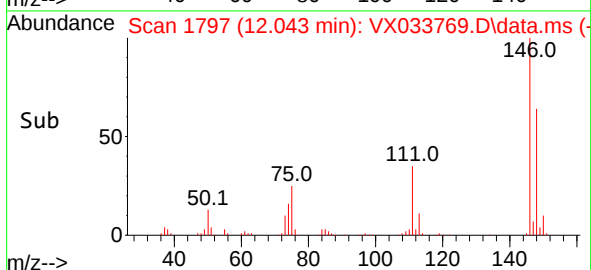
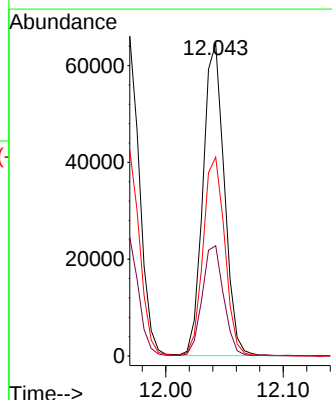
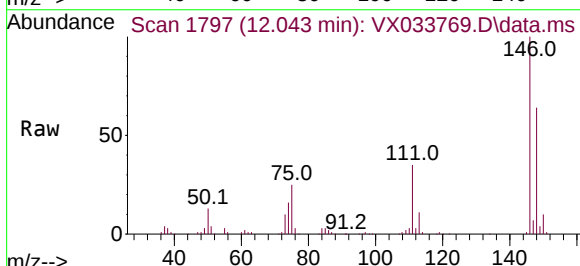
Tgt Ion:146 Resp: 81231

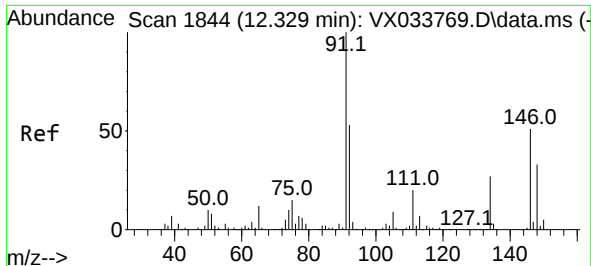
Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.4

148 64.3 32.1 96.5

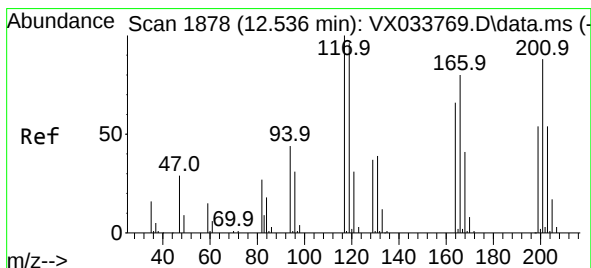
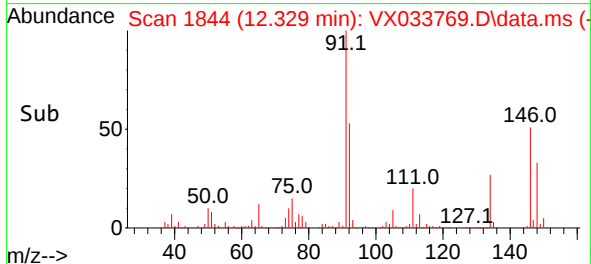
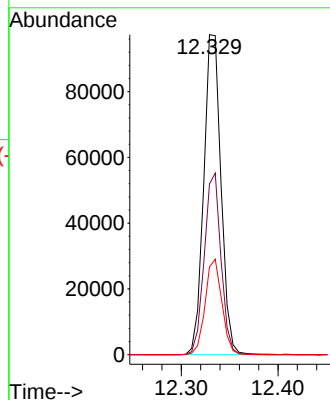
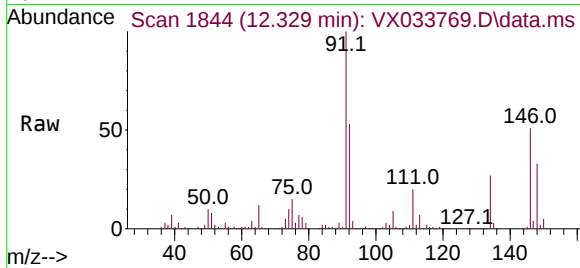




#85
n-Butylbenzene
Concen: 20.813 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

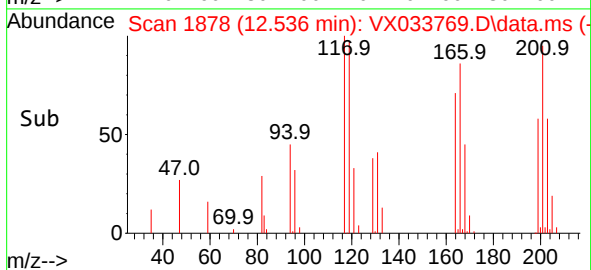
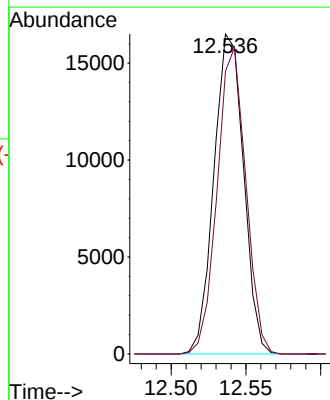
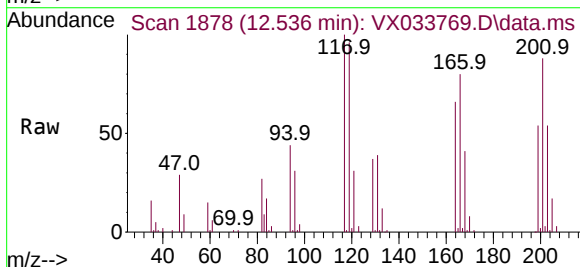
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

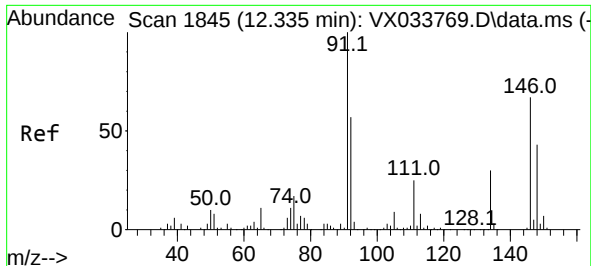
Tgt Ion: 91 Resp: 121273
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 28.9 0.0 57.8



#86
Hexachloroethane
Concen: 20.080 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 117 Resp: 22740
Ion Ratio Lower Upper
117 100
201 92.5 46.3 138.8

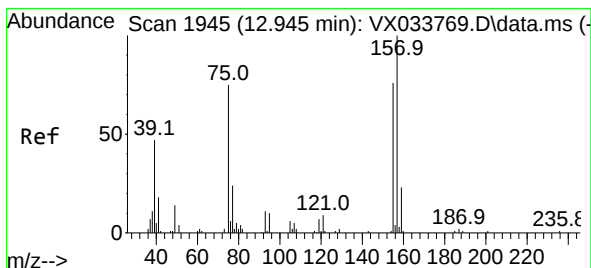
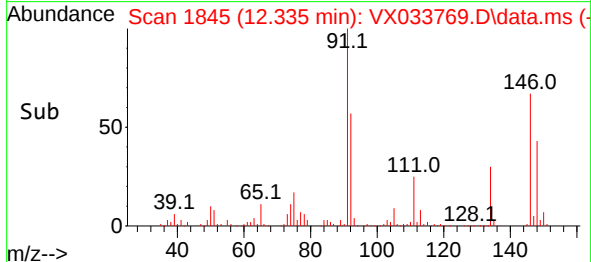
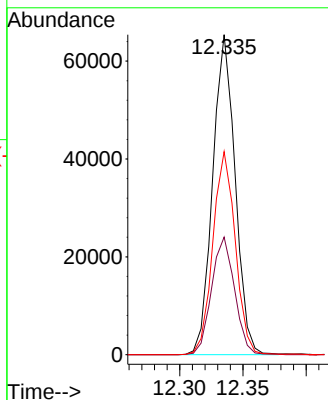
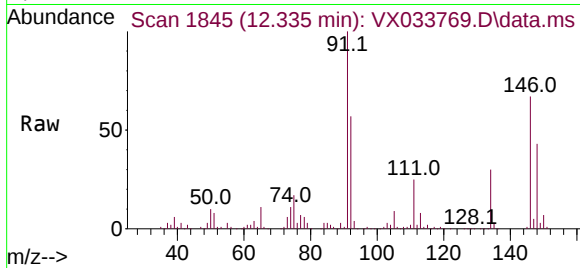




#87
1,2-Dichlorobenzene
Concen: 21.360 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

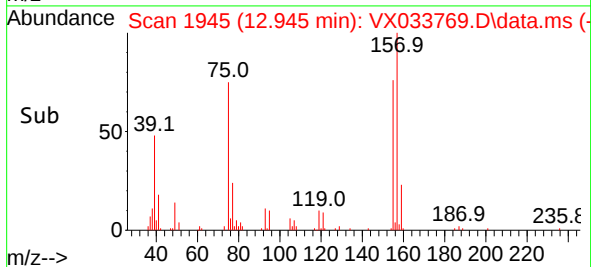
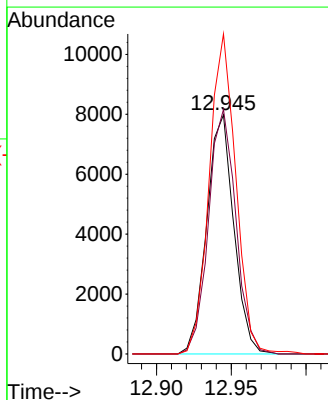
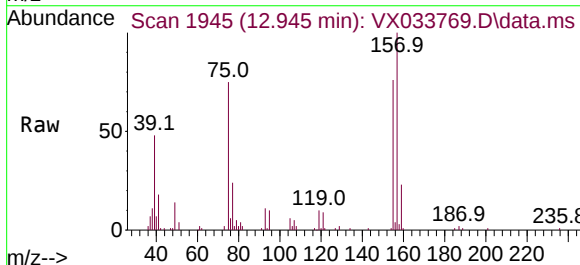
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

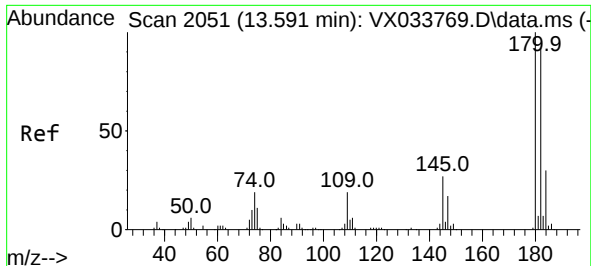
Tgt Ion:146 Resp: 80666
Ion Ratio Lower Upper
146 100
111 37.6 18.8 56.4
148 63.4 31.7 95.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.438 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 75 Resp: 10042
Ion Ratio Lower Upper
75 100
155 103.3 82.6 124.0
157 131.1 104.9 157.3

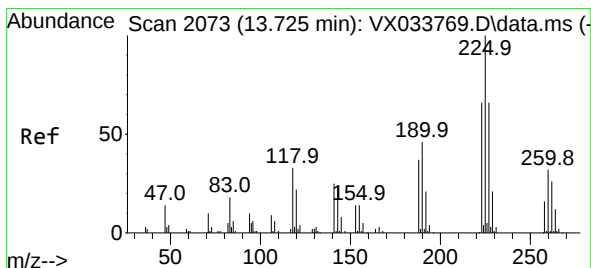
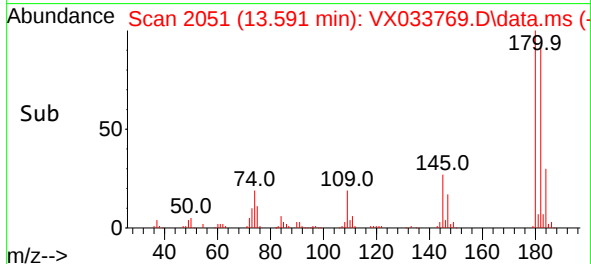
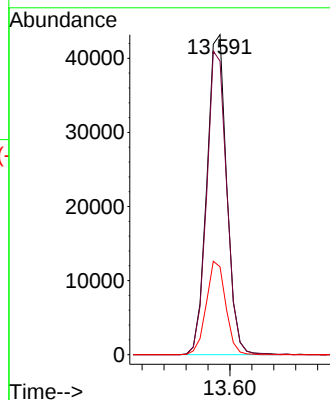
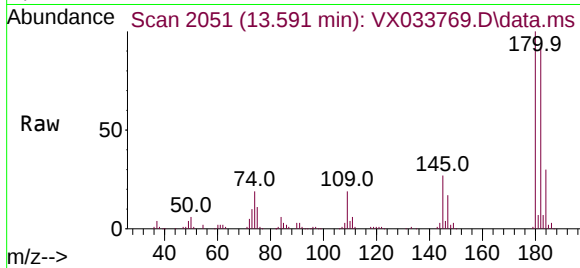




#89
1,2,4-Trichlorobenzene
Concen: 20.677 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

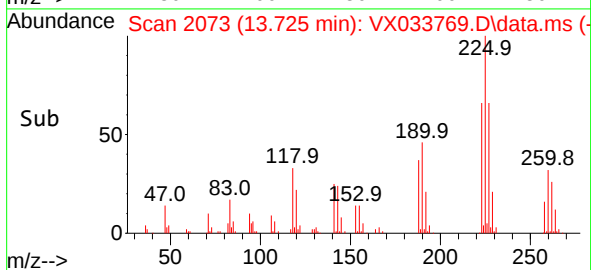
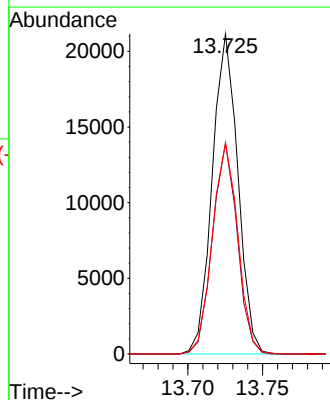
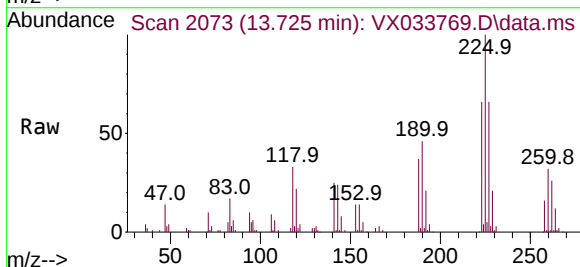
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

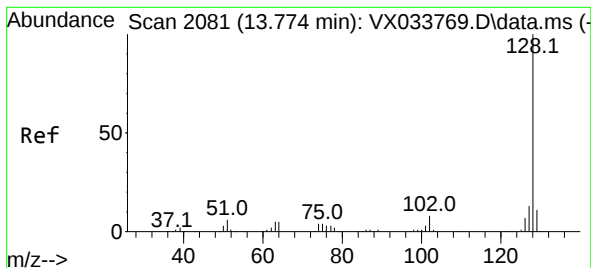
Tgt Ion:180 Resp: 54333
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 28.6 22.9 34.3



#90
Hexachlorobutadiene
Concen: 20.426 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:225 Resp: 25168
Ion Ratio Lower Upper
225 100
223 63.8 0.0 127.6
227 65.6 0.0 131.2

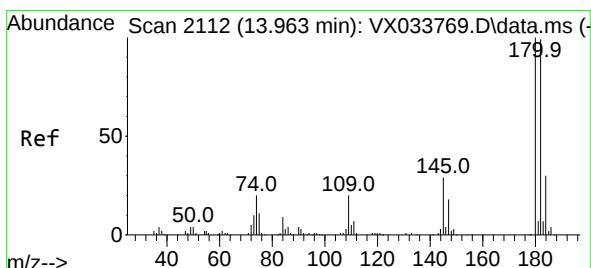
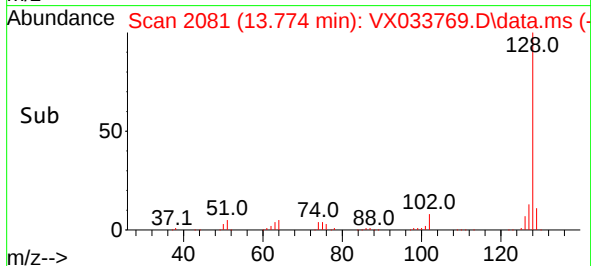
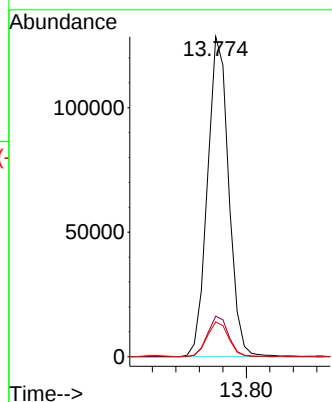
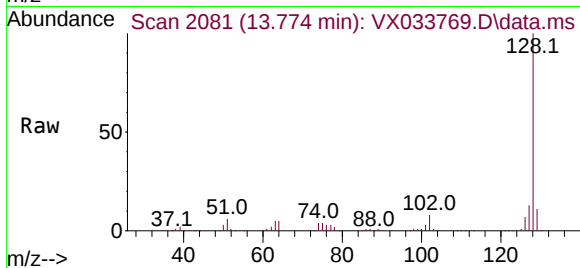




#91
Naphthalene
Concen: 20.937 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:	128	Resp:	161269
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 21.002 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:	180	Resp:	54127
Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.6
145	30.2	0.0	60.4

