

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033768.D
 Acq On : 18 Jan 2023 12:38
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 19 04:32:22 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	4.898	128	16775	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	107686	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	127080	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42715	32.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.667%	
60) 4-Bromofluorobenzene	11.079	95	67304	29.626	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.767%	
63) Toluene-d8	8.647	98	119971	29.590	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.633%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	7729	5.029	ug/l	97
3) Chloromethane	1.295	50	9534	5.517	ug/l	98
4) Vinyl Chloride	1.374	62	9015	5.315	ug/l	93
5) Bromomethane	1.618	94	5924	5.417	ug/l	99
6) Chloroethane	1.691	64	5054	5.570	ug/l	93
7) Trichlorofluoromethane	1.886	101	13941	5.558	ug/l	99
8) Diethyl Ether	2.130	74	4971	5.259	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	8212	5.411	ug/l	98
10) 1,1-Dichloroethene	2.319	96	8189	5.493	ug/l	99
11) Methyl Iodide	2.453	142	11540	5.131	ug/l	98
12) Methyl Acetate	2.709	43	14052	5.401	ug/l	100
13) Acrolein	2.240	56	8744	30.050	ug/l	97
14) Acrylonitrile	3.069	53	22798	26.897	ug/l	97
15) Acetone	2.398	58	7075	27.760	ug/l	100
16) Carbon Disulfide	2.514	76	19354	5.295	ug/l	98
17) Allyl chloride	2.666	41	14346	5.331	ug/l	98
18) Methylene Chloride	2.788	84	9426	5.615	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	8771	5.465	ug/l	94
20) Diisopropyl ether	3.758	45	29548	5.602	ug/l	94
21) 1,1-Dichloroethane	3.611	63	16201	5.613	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	10270	5.446	ug/l	98
23) tert-Butyl Alcohol	3.002	59	1532	5.231	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	26399	5.348	ug/l	100
25) Chloroform	5.093	83	16166	5.569	ug/l	90
26) Cyclohexane	5.477	56	14825	5.636	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	11805	5.707	ug/l	98
30) 2-Butanone	4.568	43	33376	29.207	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	10655	5.432	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	13505	5.670	ug/l	98
33) Carbon Tetrachloride	5.672	117	11608	5.445	ug/l	92
34) Benzene	6.044	78	33653	5.482	ug/l	99
35) Methacrylonitrile	4.928	41	4421	3.553	ug/l	90
36) 1,2-Dichloroethane	6.086	62	13143	6.087	ug/l	97
37) Trichloroethene	7.129	130	8631	4.979	ug/l	99
38) Methylcyclohexane	7.379	83	12469	5.010	ug/l	98
39) 1,2-Dichloropropane	7.434	63	7724	5.140	ug/l	93
40) Dibromomethane	7.580	93	5725	5.360	ug/l	98
41) Bromodichloromethane	7.824	83	10544	5.174	ug/l	97
42) Vinyl Acetate	3.721	43	105944	27.592	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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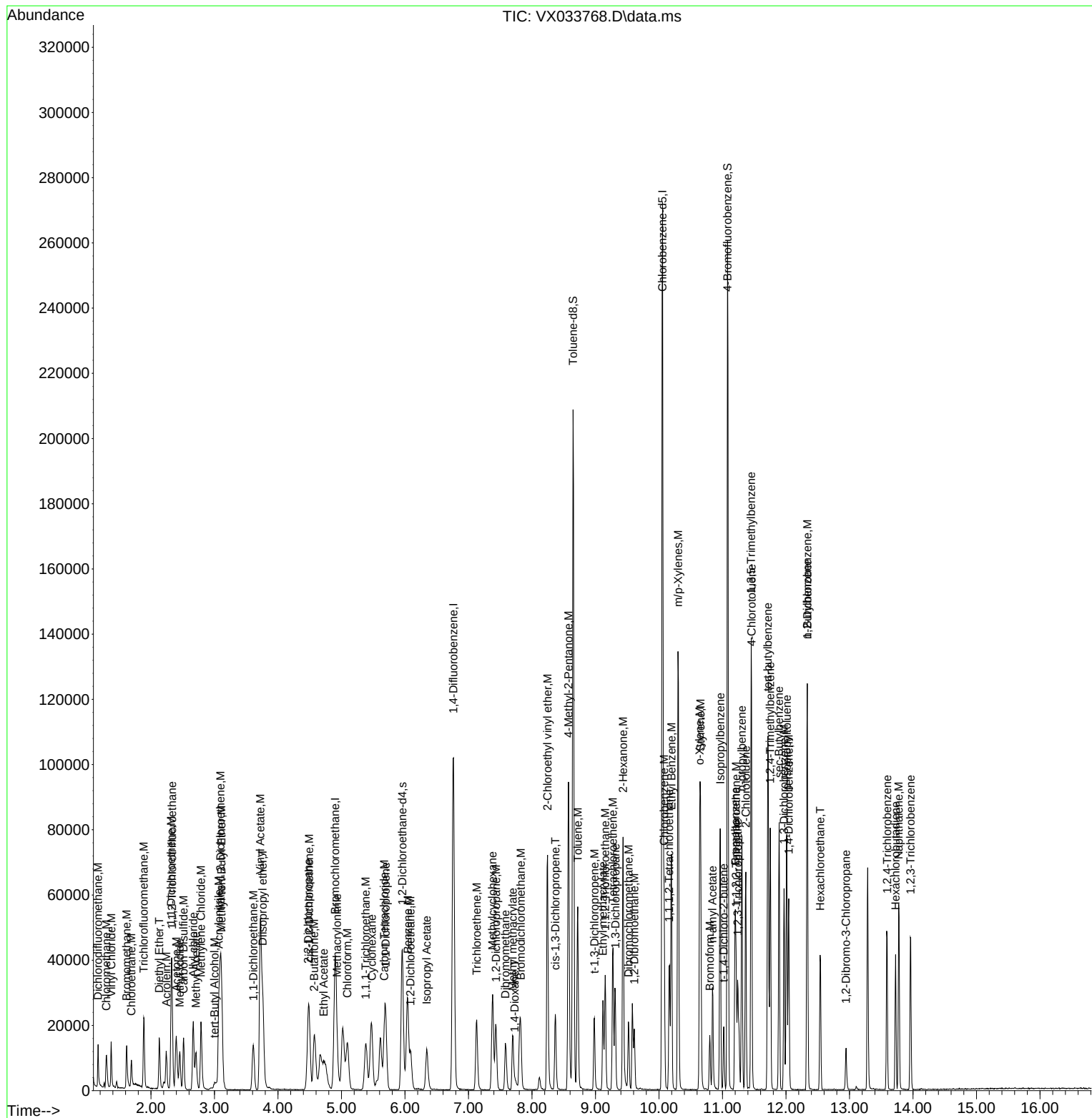
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	13531	6.057	ug/l	93
44) Isopropyl Acetate	6.342	43	17587	5.178	ug/l	100
45) 1,4-Dioxane	7.726	88	1670	47.572	ug/l #	81
46) Methyl methacrylate	7.696	41	8828	5.118	ug/l	95
47) n-amyl Acetate	10.842	43	13965	4.874	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	10520	4.900	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	12200	5.034	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	9015	5.689	ug/l	97
51) Ethyl methacrylate	9.116	69	12232	5.210	ug/l	94
52) 1,3-Dichloropropane	9.311	76	15639	5.856	ug/l	98
53) Dibromochloromethane	9.519	129	9072	5.242	ug/l	99
54) 1,2-Dibromoethane	9.610	107	9741	5.691	ug/l	95
55) 2-Chloroethyl vinyl ether	8.245	63	28555	25.907	ug/l	99
56) Bromoform	10.799	173	6258	4.659	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	59609	26.096	ug/l	99
59) 2-Hexanone	9.433	43	45216	26.345	ug/l	99
61) Tetrachloroethene	9.275	164	9162	5.475	ug/l	96
62) Toluene	8.720	91	36237	5.098	ug/l	97
64) Chlorobenzene	10.080	112	25309	5.341	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	8868	5.026	ug/l	97
66) Ethyl Benzene	10.195	91	42677	5.246	ug/l	100
67) m/p-Xylenes	10.299	106	33531	10.437	ug/l	100
68) o-Xylene	10.640	106	17010	5.339	ug/l	98
69) Styrene	10.653	104	26814	5.117	ug/l	99
70) Isopropylbenzene	10.964	105	43810	5.339	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	13189	5.360	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	13430	5.991	ug/l	87
73) Bromobenzene	11.201	156	11815	5.316	ug/l	97
74) n-propylbenzene	11.305	91	48287	5.180	ug/l	99
75) 2-Chlorotoluene	11.366	91	29848	5.383	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	35466	5.211	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	2690	3.905	ug/l	90
78) 4-Chlorotoluene	11.457	91	32915	5.276	ug/l	98
79) tert-butylbenzene	11.713	119	36370	5.221	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	35237	5.222	ug/l	97
81) sec-Butylbenzene	11.890	105	44115	5.205	ug/l	99
82) p-Isopropyltoluene	12.012	119	37616	5.123	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	21002	5.231	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	21095	5.242	ug/l	98
85) n-Butylbenzene	12.335	91	29329	4.911	ug/l	99
86) Hexachloroethane	12.536	117	5430	4.679	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	20039	5.178	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2359	4.685	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	12867	4.778	ug/l	99
90) Hexachlorobutadiene	13.725	225	6416	5.081	ug/l	97
91) Naphthalene	13.774	128	37561	4.758	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	11964	4.529	ug/l	99

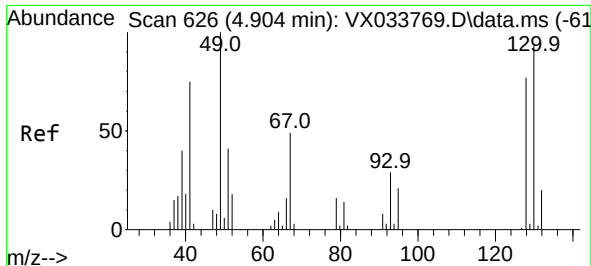
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

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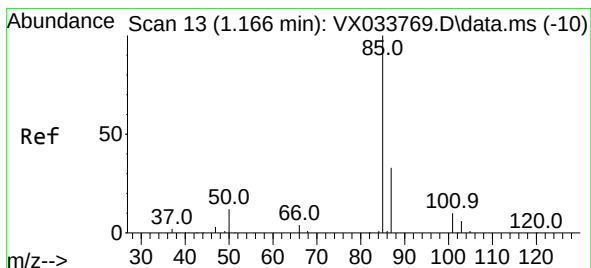
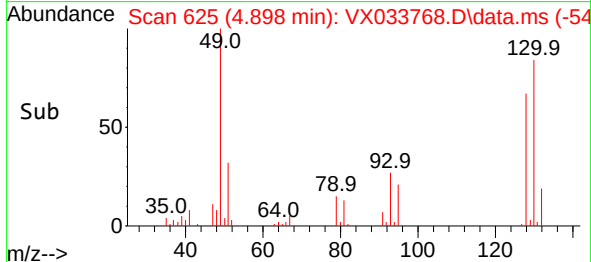
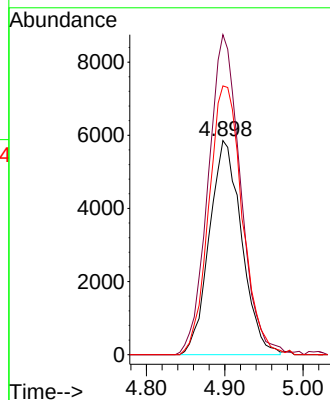
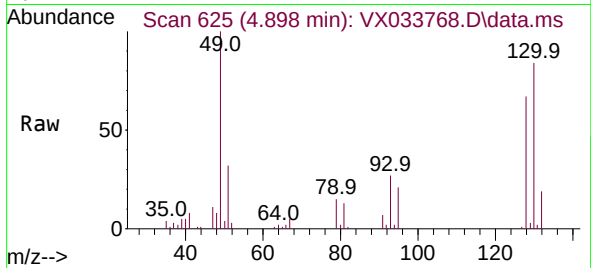




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033768.D
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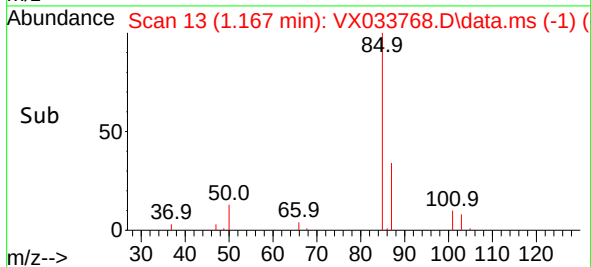
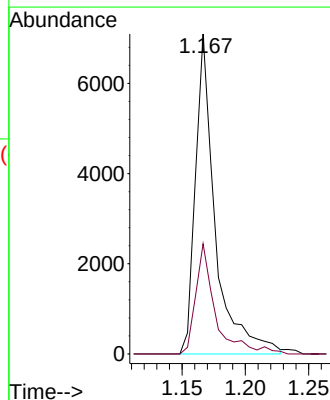
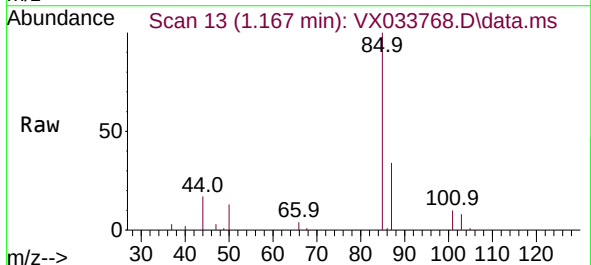
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 16775
Ion Ratio Lower Upper
128 100
49 149.7 0.0 369.0
130 129.9 0.0 327.5

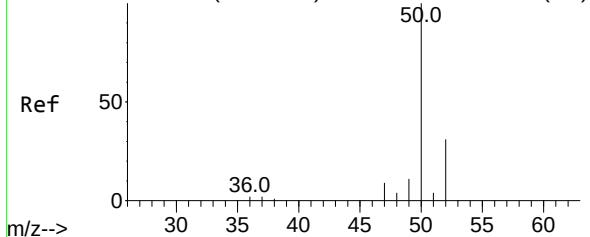


#2
Dichlorodifluoromethane
Concen: 5.029 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 85 Resp: 7729
Ion Ratio Lower Upper
85 100
87 34.4 16.4 49.1



Abundance Scan 34 (1.294 min): VX033769.D\data.ms (-30)



#3

Chloromethane

Concen: 5.517 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

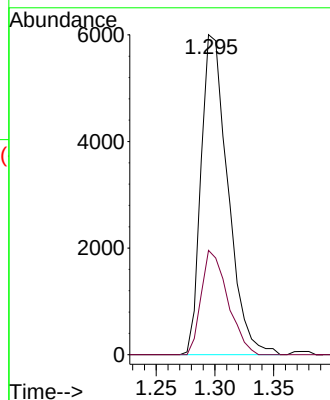
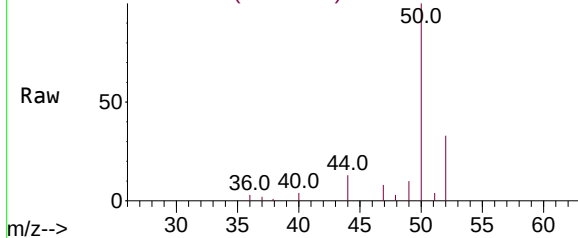
Tgt Ion: 50 Resp: 9534

Ion Ratio Lower Upper

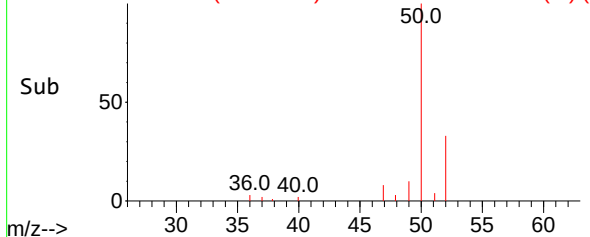
50 100

52 32.6 25.1 37.7

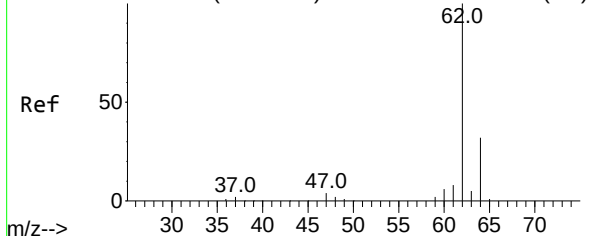
Abundance Scan 34 (1.295 min): VX033768.D\data.ms



Abundance Scan 34 (1.295 min): VX033768.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX033769.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 5.315 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

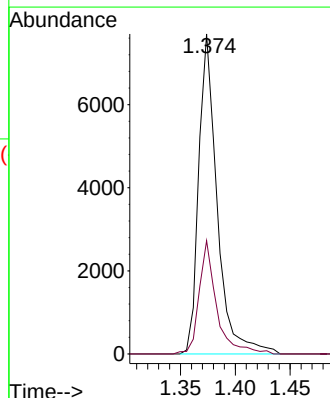
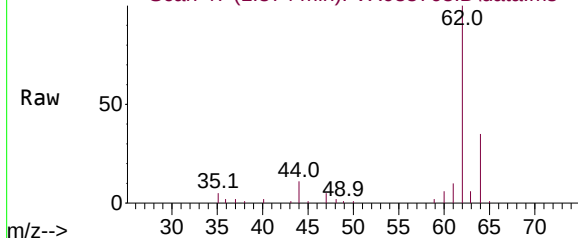
Tgt Ion: 62 Resp: 9015

Ion Ratio Lower Upper

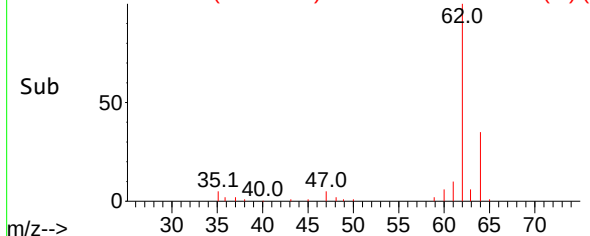
62 100

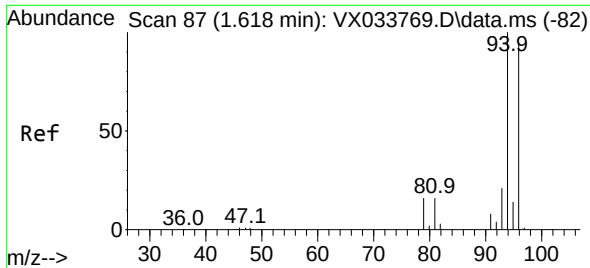
64 35.4 25.4 38.2

Abundance Scan 47 (1.374 min): VX033768.D\data.ms



Abundance Scan 47 (1.374 min): VX033768.D\data.ms (-1)

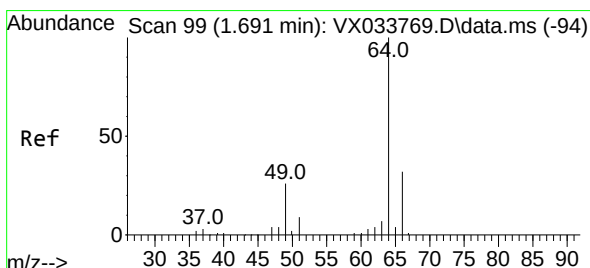
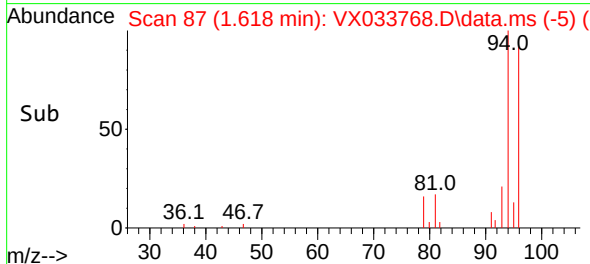
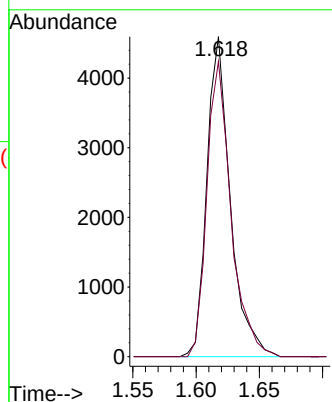
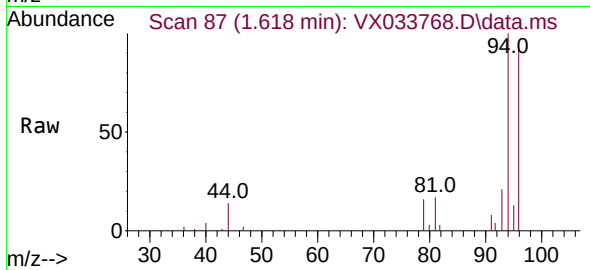




#5
Bromomethane
Concen: 5.417 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

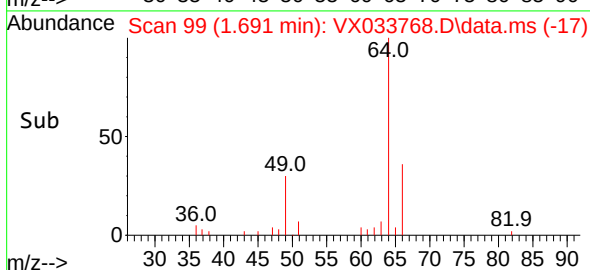
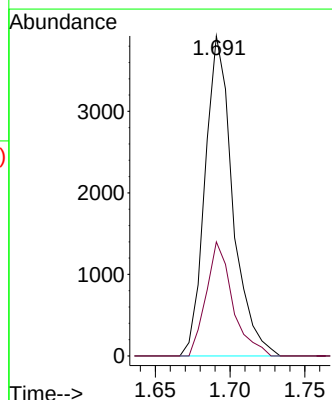
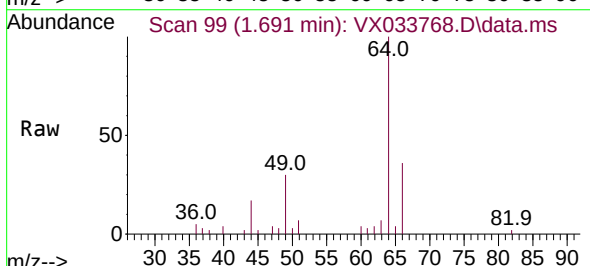
Instrument :
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VSTDIC005

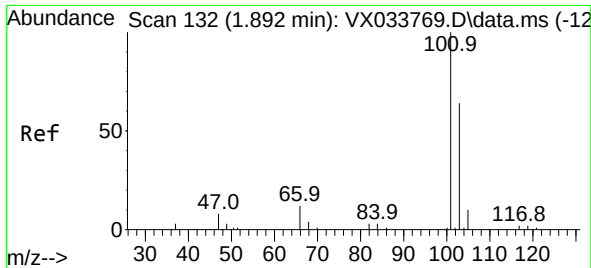
Tgt Ion: 94 Resp: 5924
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2



#6
Chloroethane
Concen: 5.570 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 64 Resp: 5054
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.0

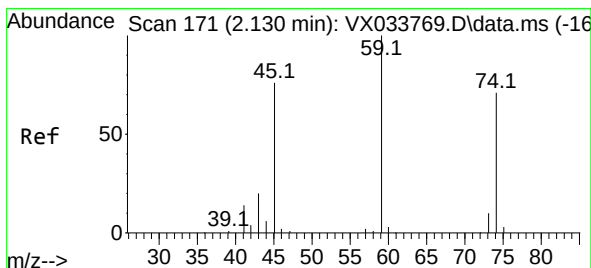
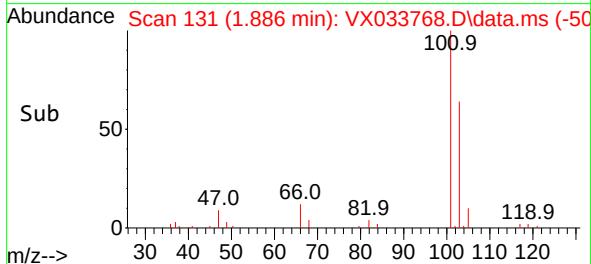
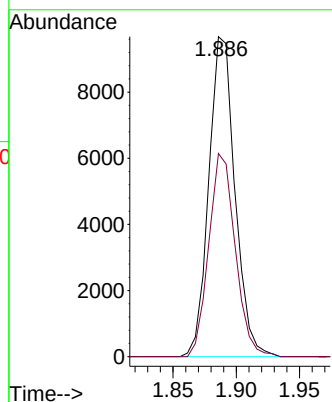
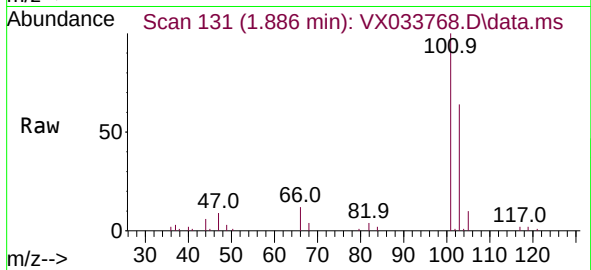




#7
Trichlorofluoromethane
Concen: 5.558 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

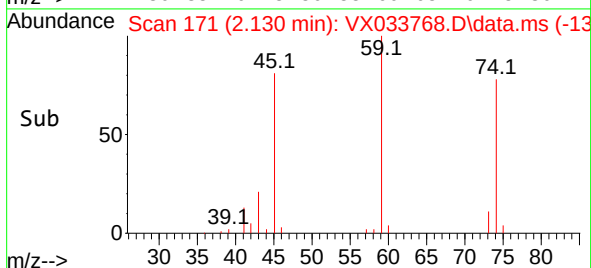
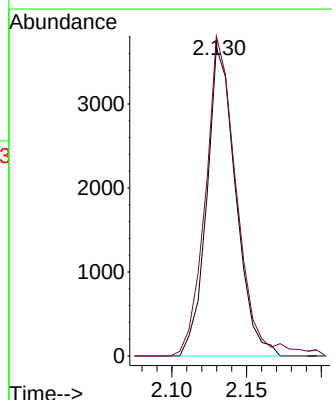
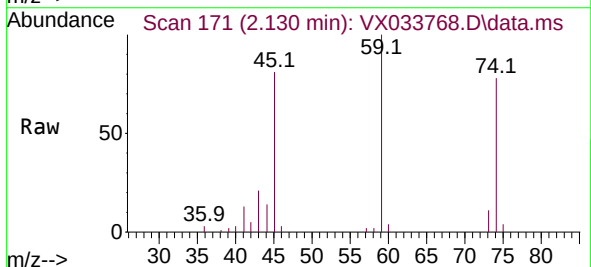
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

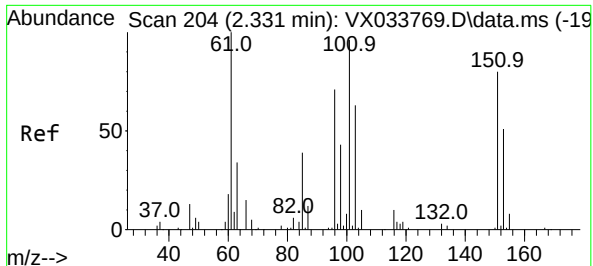
Tgt Ion:101 Resp: 13941
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0



#8
Diethyl Ether
Concen: 5.259 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 74 Resp: 4971
Ion Ratio Lower Upper
74 100
45 110.8 20.2 182.0

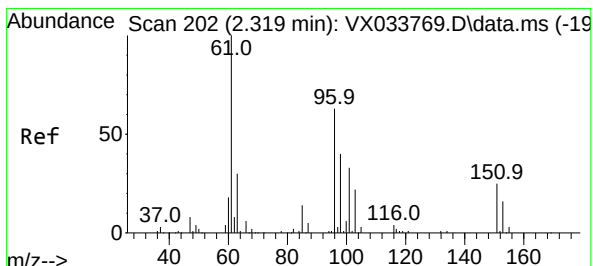
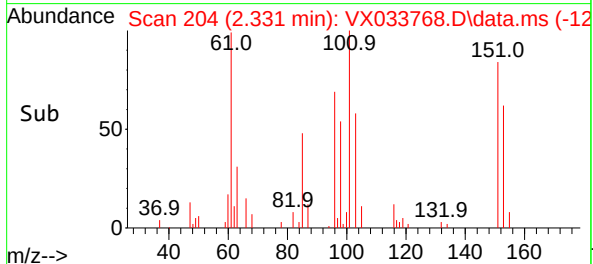
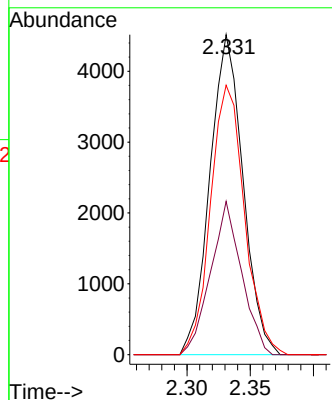
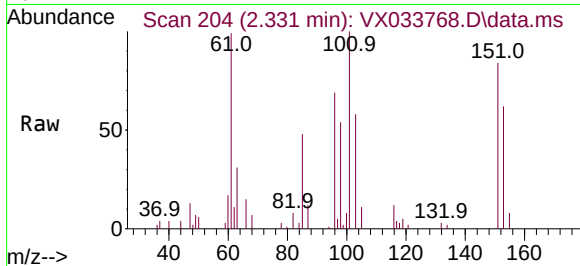




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.411 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033768.D
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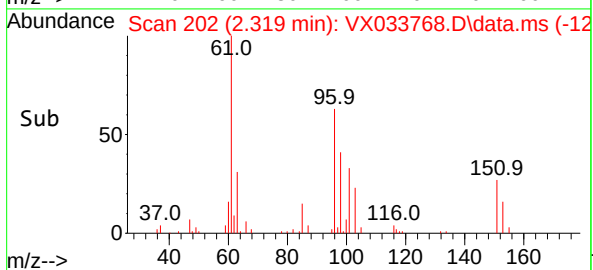
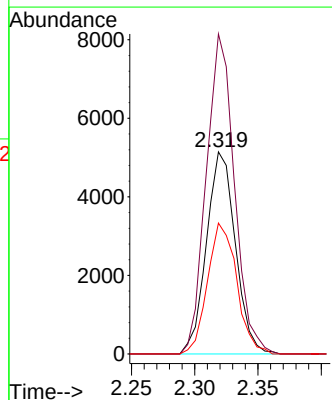
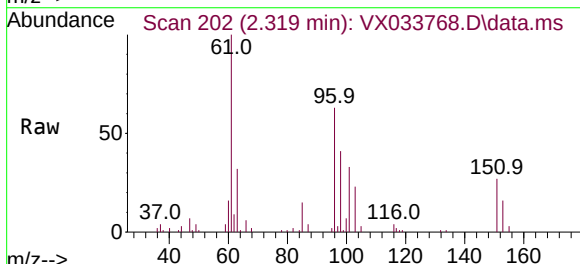
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

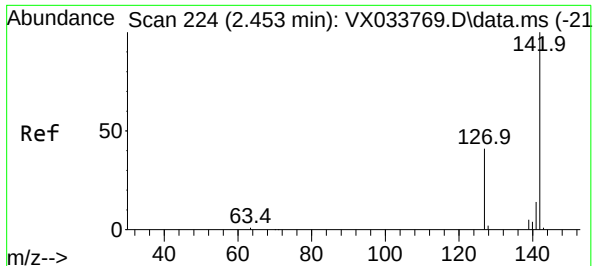
Tgt Ion:101 Resp: 8212
 Ion Ratio Lower Upper
 101 100
 85 44.9 0.0 83.0
 151 86.4 0.0 174.6



#10
 1,1-Dichloroethene
 Concen: 5.493 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Tgt Ion: 96 Resp: 8189
 Ion Ratio Lower Upper
 96 100
 61 158.3 127.5 191.3
 98 64.8 51.1 76.7

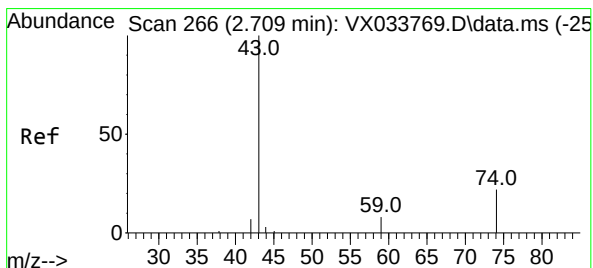
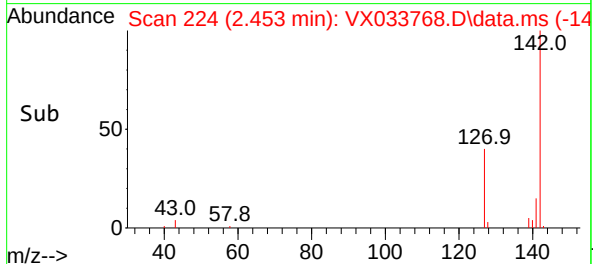
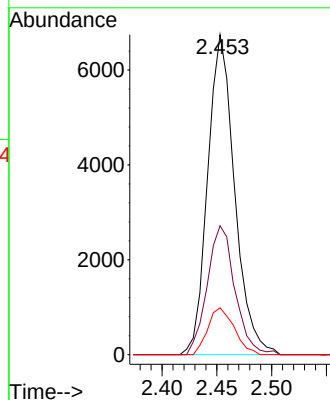
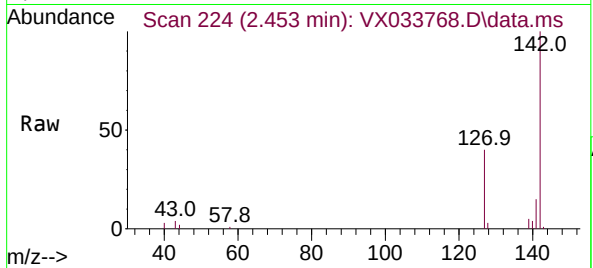




#11
Methyl Iodide
Concen: 5.131 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

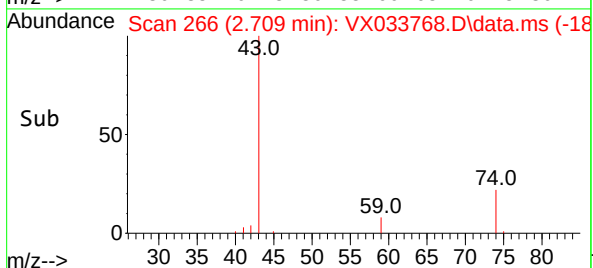
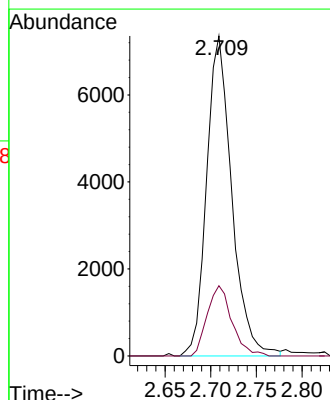
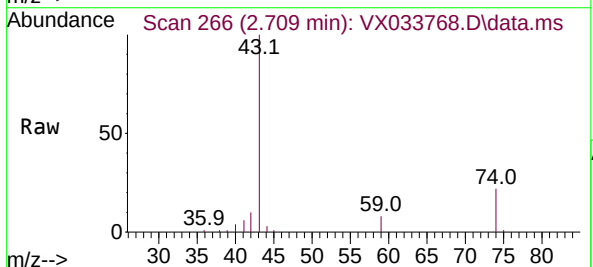
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

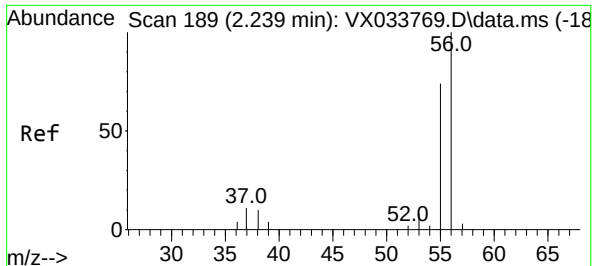
Tgt Ion:142 Resp: 11540
Ion Ratio Lower Upper
142 100
127 40.3 20.7 62.1
141 14.6 7.0 21.0



#12
Methyl Acetate
Concen: 5.401 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 14052
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4





#13

Acrolein

Concen: 30.050 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

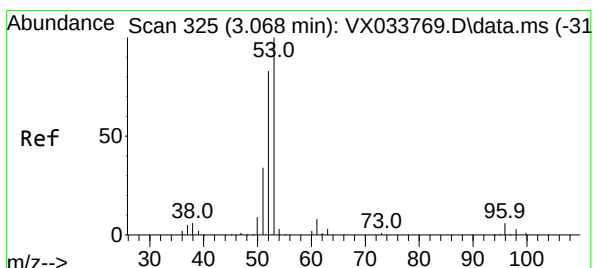
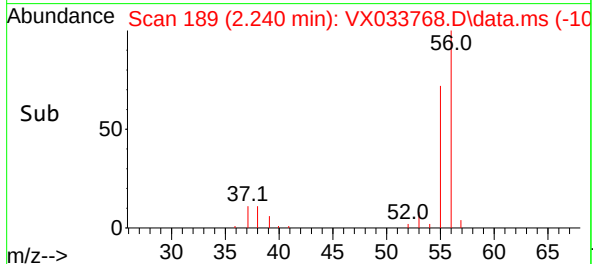
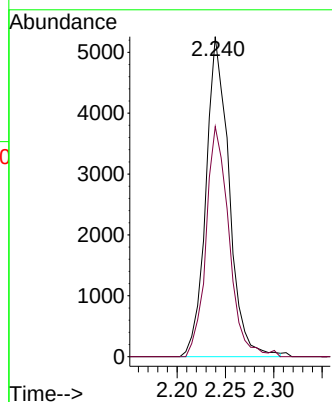
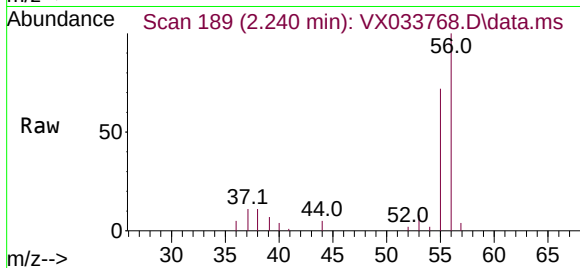
VSTDIC005

Tgt Ion: 56 Resp: 8744

Ion Ratio Lower Upper

56 100

55 70.8 58.8 88.2



#14

Acrylonitrile

Concen: 26.897 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

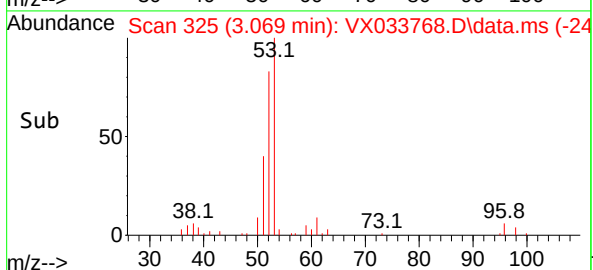
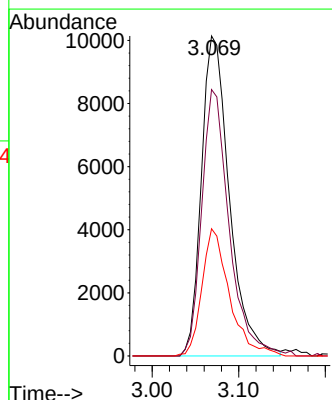
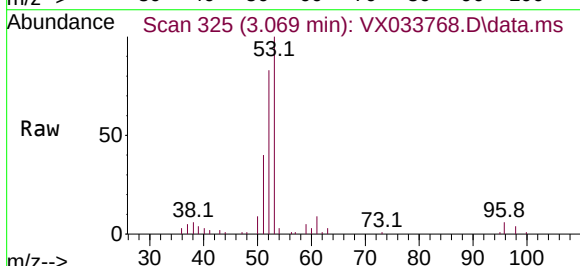
Tgt Ion: 53 Resp: 22798

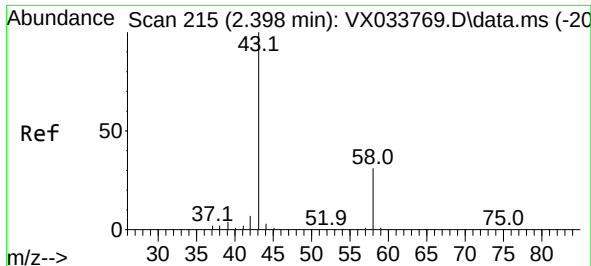
Ion Ratio Lower Upper

53 100

52 81.5 41.0 123.2

51 39.1 17.6 52.8





#15

Acetone

Concen: 27.760 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

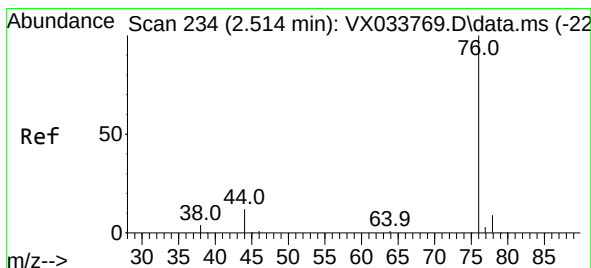
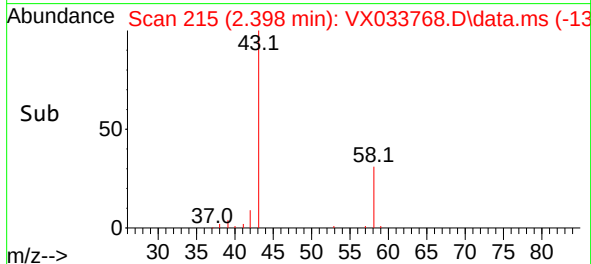
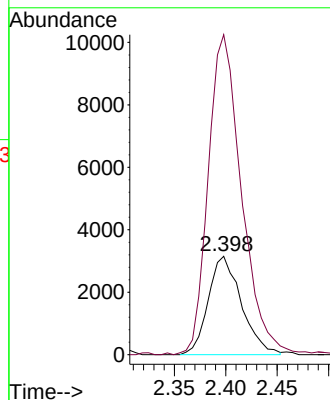
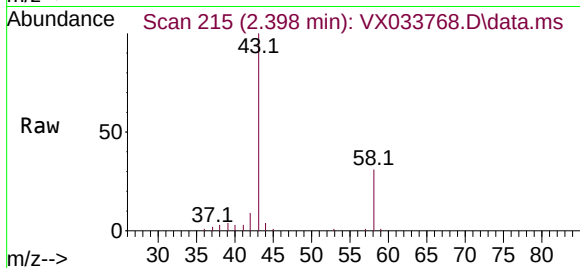
VSTDICC005

Tgt Ion: 58 Resp: 7075

Ion Ratio Lower Upper

58 100

43 323.1 258.6 388.0



#16

Carbon Disulfide

Concen: 5.295 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033768.D

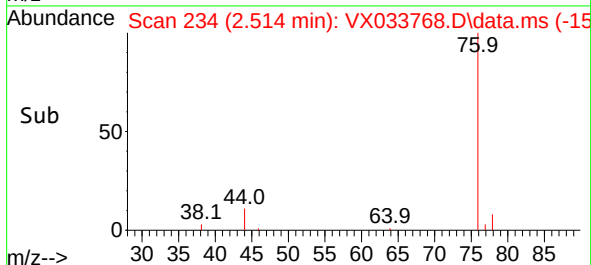
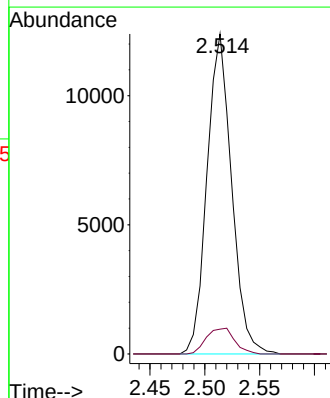
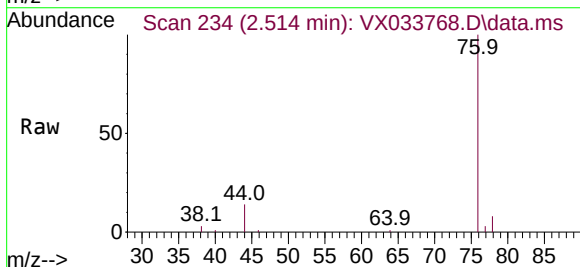
Acq: 18 Jan 2023 12:38

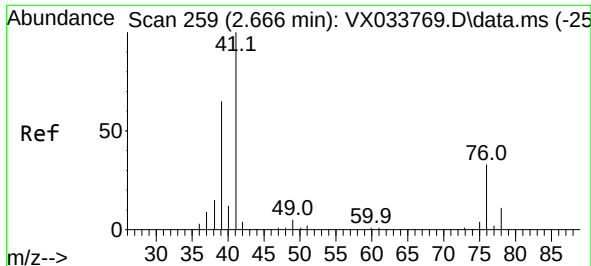
Tgt Ion: 76 Resp: 19354

Ion Ratio Lower Upper

76 100

78 7.8 6.9 10.3

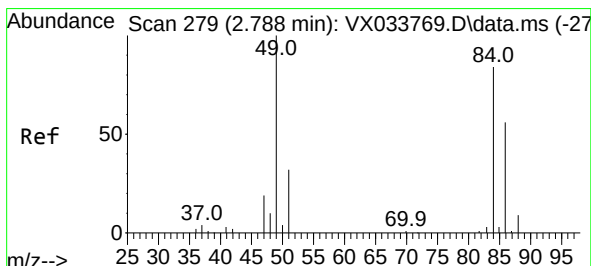
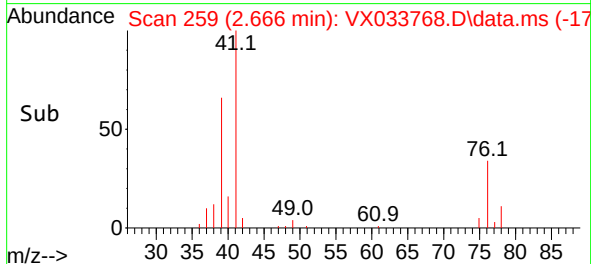
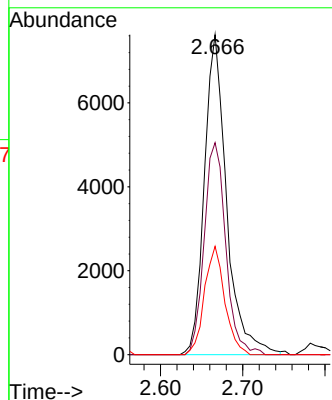
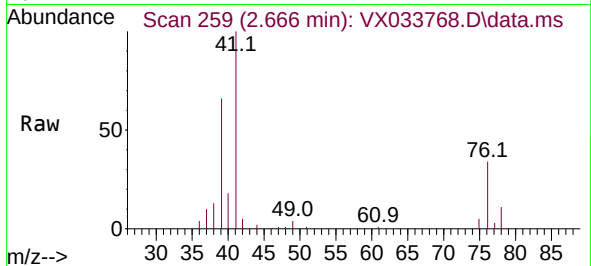




#17
 Allyl chloride
 Concen: 5.331 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

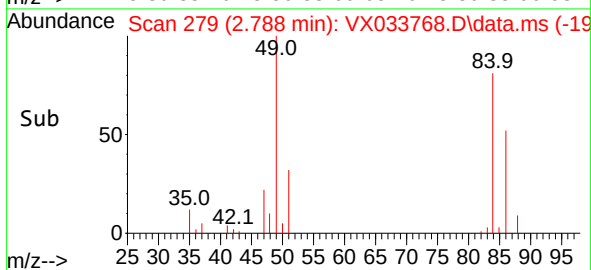
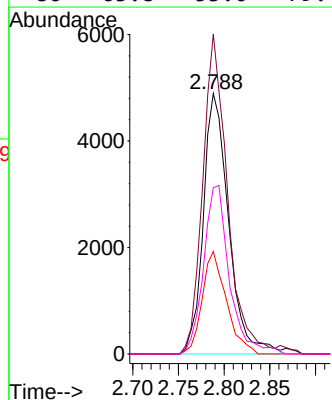
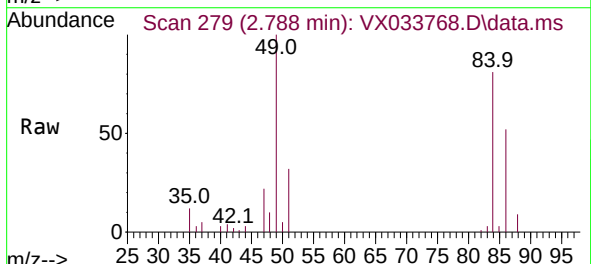
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

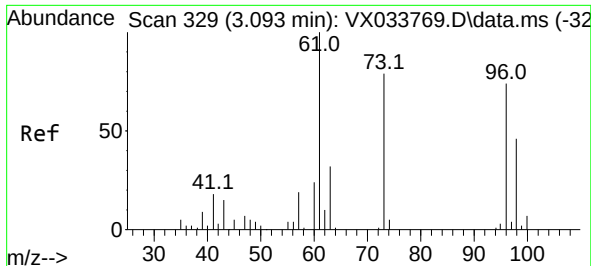
Tgt Ion:	41	Resp:	14346
Ion	Ratio	Lower	Upper
41	100		
39	66.3	32.5	97.4
76	33.9	16.6	49.8



#18
 Methylene Chloride
 Concen: 5.615 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

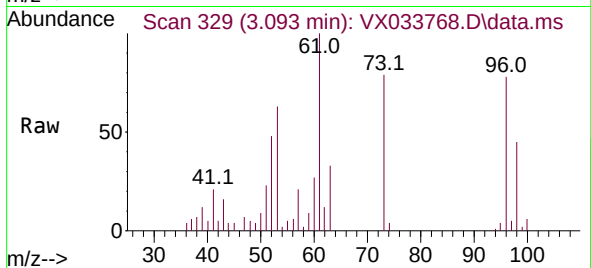
Tgt Ion:	84	Resp:	9426
Ion	Ratio	Lower	Upper
84	100		
49	122.8	95.0	142.6
51	39.3	30.3	45.5
86	63.8	53.0	79.4





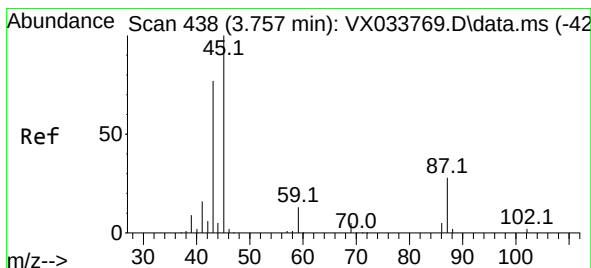
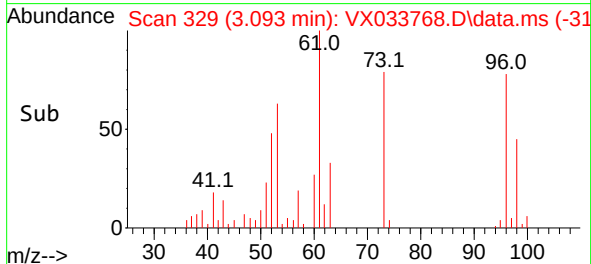
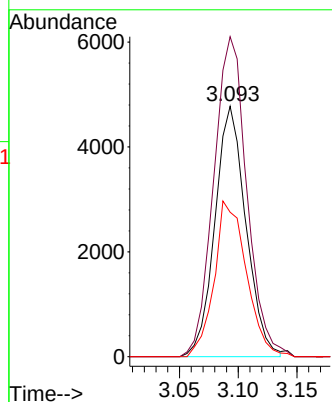
#19
trans-1,2-Dichloroethene
Concen: 5.465 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 8771

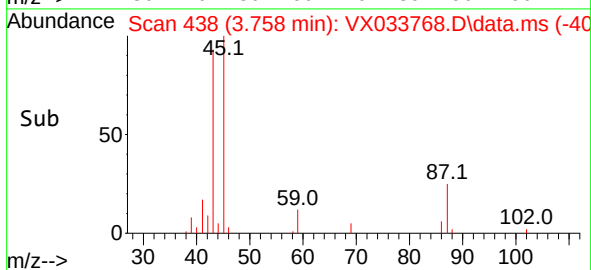
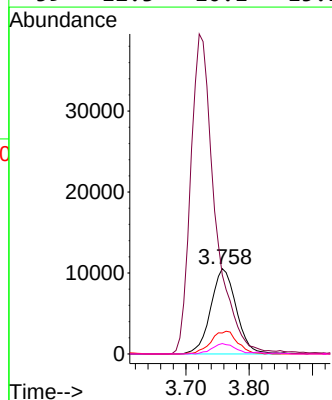
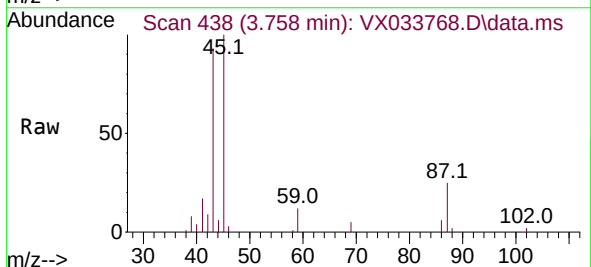
Ion	Ratio	Lower	Upper
96	100		
61	127.8	107.7	161.5
98	57.7	49.8	74.6

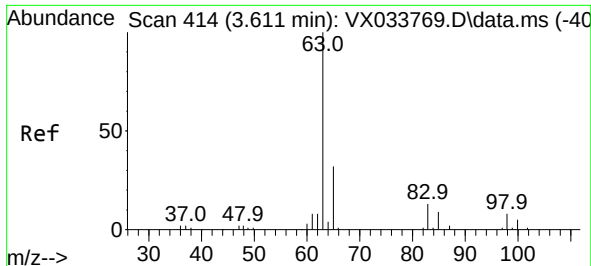


#20
Diisopropyl ether
Concen: 5.602 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 45 Resp: 29548

Ion	Ratio	Lower	Upper
45	100		
43	88.8	66.6	99.8
87	24.6	22.3	33.5
59	12.3	10.1	15.1





#21

1,1-Dichloroethane

Concen: 5.613 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

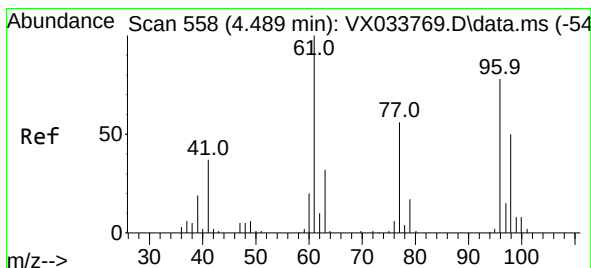
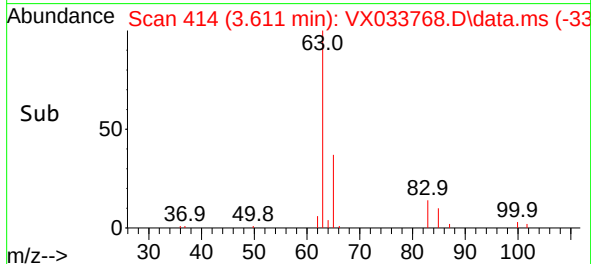
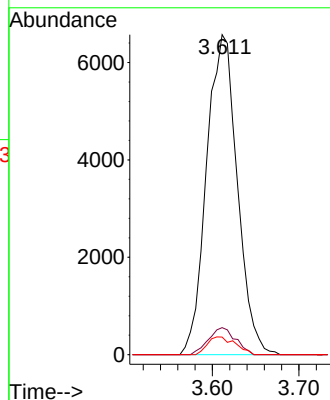
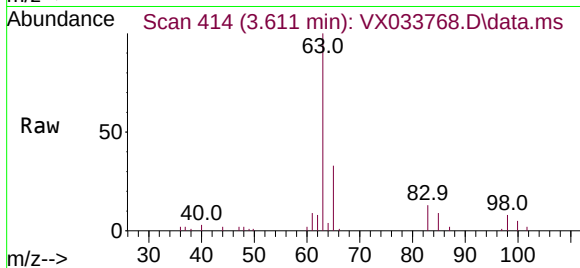
Tgt Ion: 63 Resp: 16201

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

100 5.5 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 5.446 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

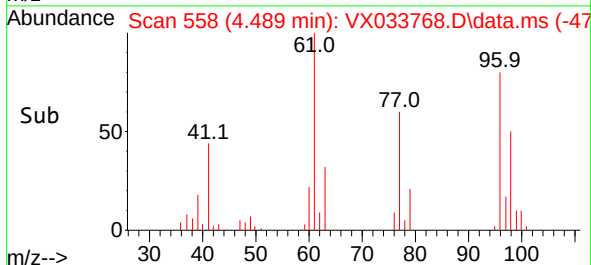
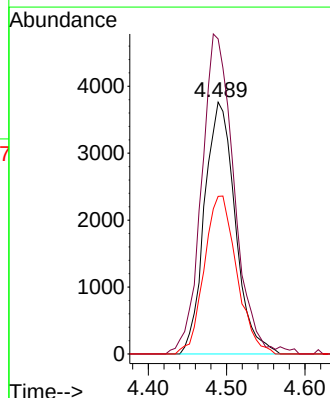
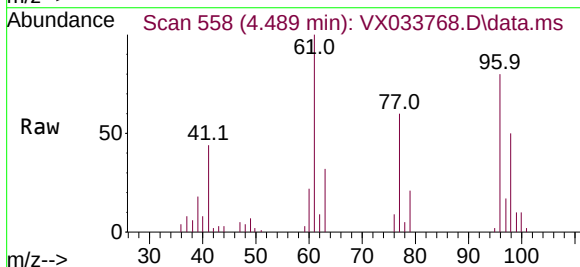
Tgt Ion: 96 Resp: 10270

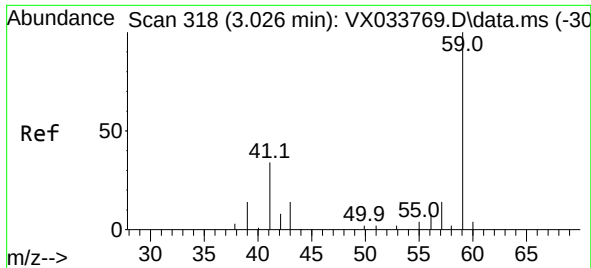
Ion Ratio Lower Upper

96 100

61 133.0 109.0 163.6

98 66.2 51.7 77.5

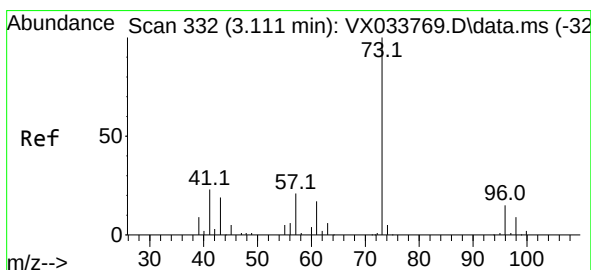
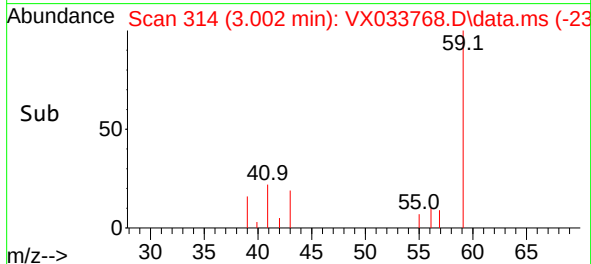
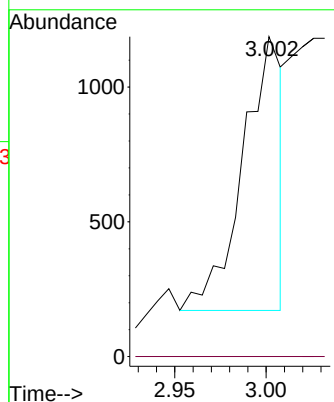
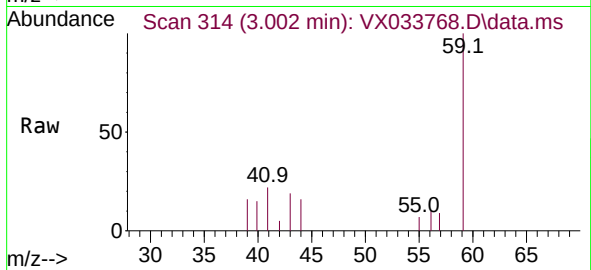




#23
tert-Butyl Alcohol
Concen: 5.231 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.024 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

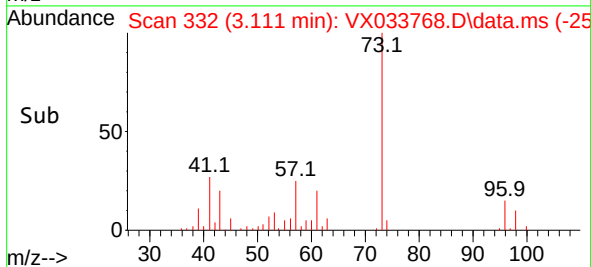
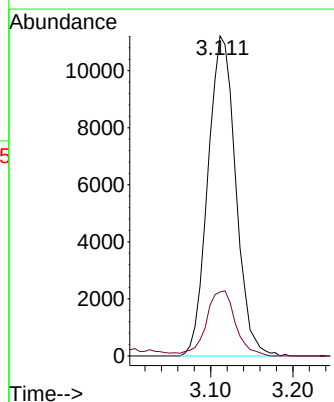
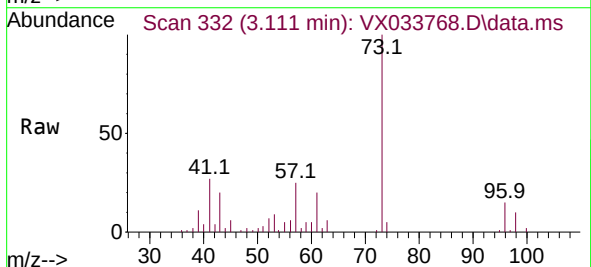
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

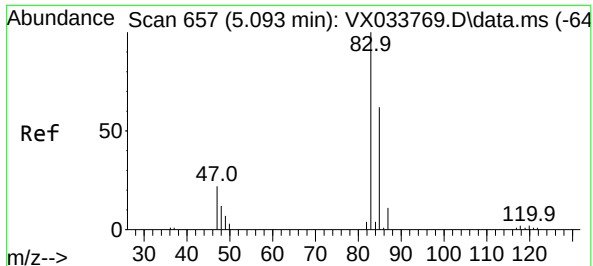
Tgt Ion: 59 Resp: 1532
Ion Ratio Lower Upper
59 100
52 0.0 186.7 280.1#



#24
Methyl tert-Butyl Ether
Concen: 5.348 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 73 Resp: 26399
Ion Ratio Lower Upper
73 100
43 21.3 16.9 25.3





#25

Chloroform

Concen: 5.569 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

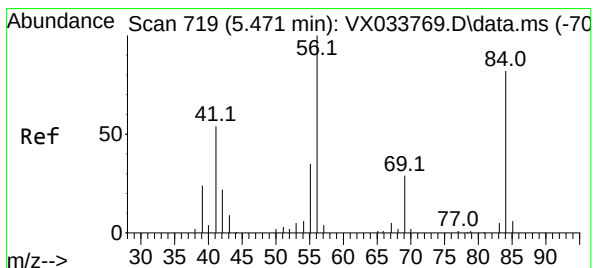
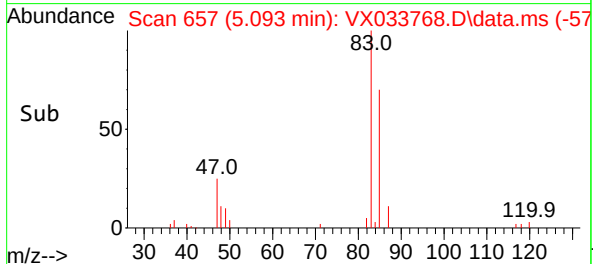
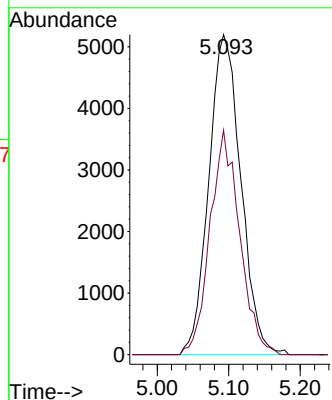
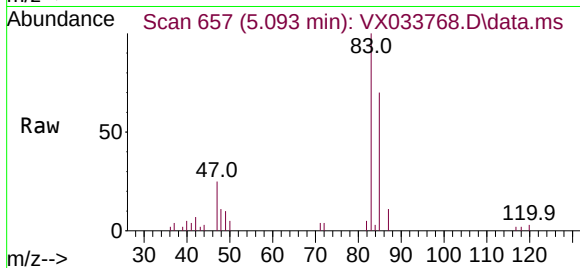
VSTDIC005

Tgt Ion: 83 Resp: 16166

Ion Ratio Lower Upper

83 100

85 70.2 49.7 74.5



#26

Cyclohexane

Concen: 5.636 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

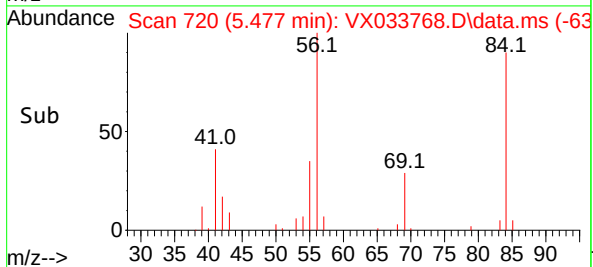
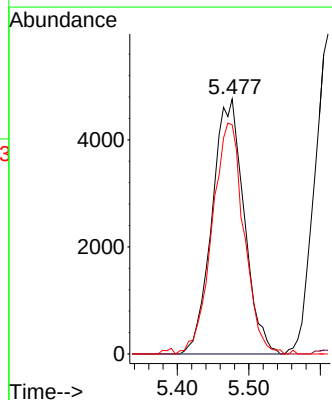
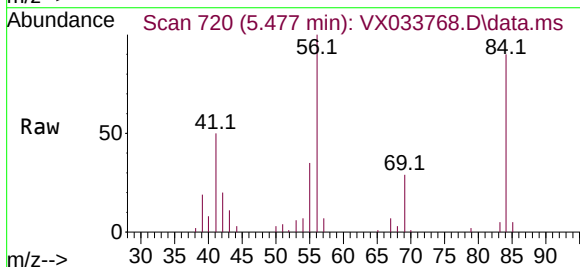
Tgt Ion: 56 Resp: 14825

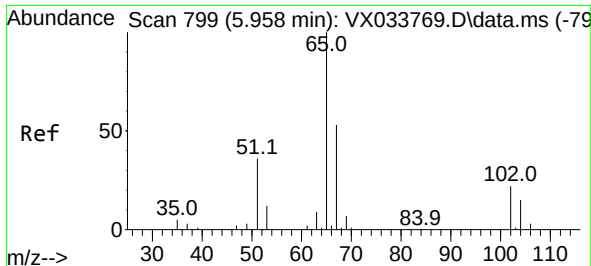
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.9 72.0 108.0

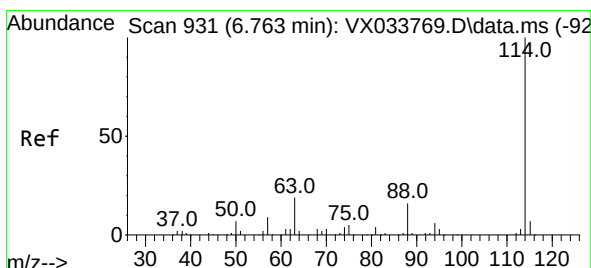
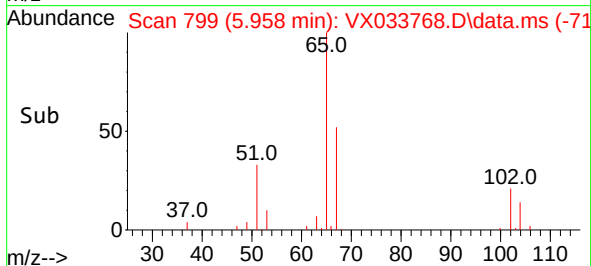
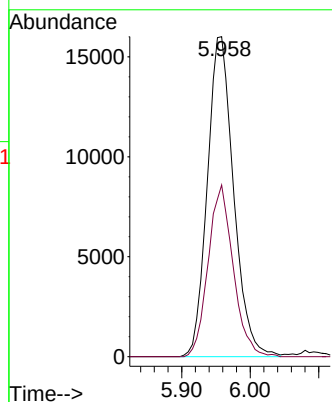
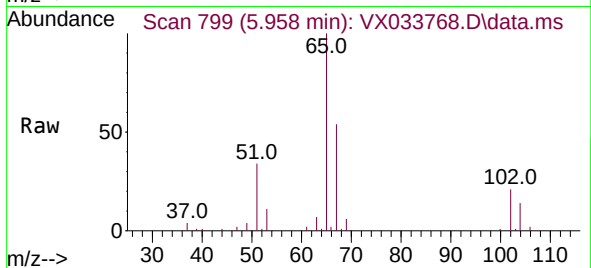




#27
 1,2-Dichloroethane-d4
 Concen: 32.904 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

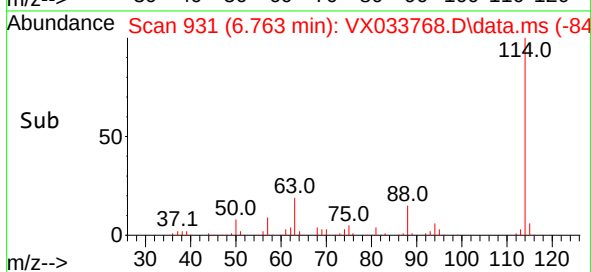
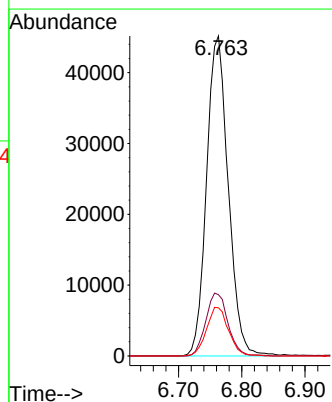
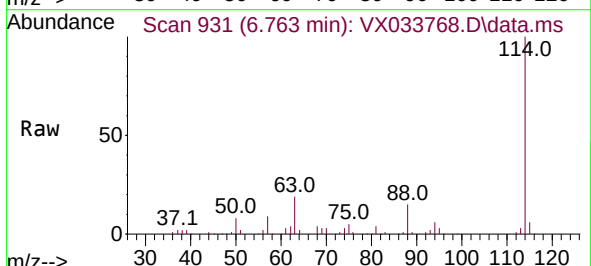
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

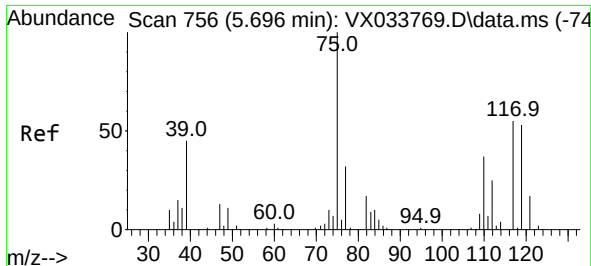
Tgt Ion: 65 Resp: 42715
 Ion Ratio Lower Upper
 65 100
 67 50.9 43.0 64.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Tgt Ion: 114 Resp: 107686
 Ion Ratio Lower Upper
 114 100
 63 20.0 15.2 22.8
 88 15.4 12.4 18.6

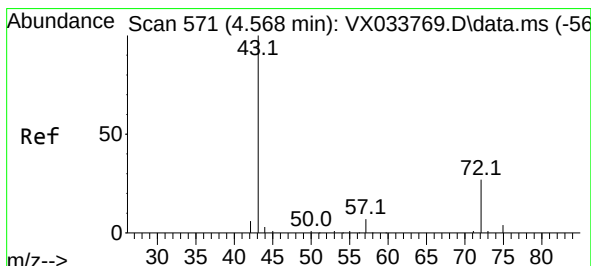
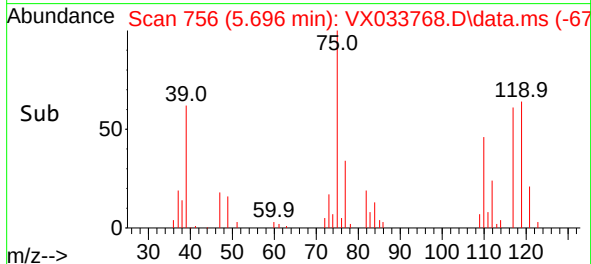
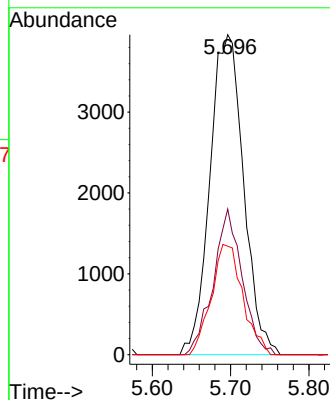
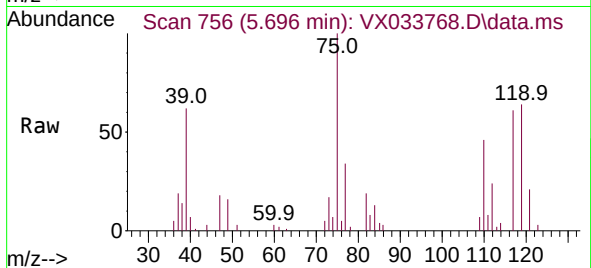




#29
1,1-Dichloropropene
Concen: 5.707 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

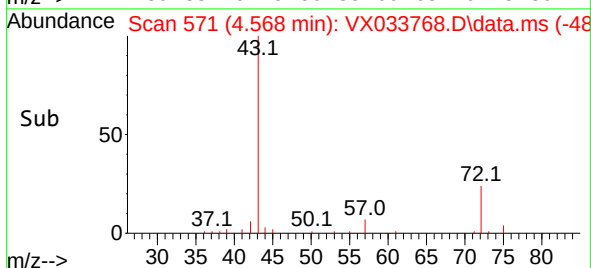
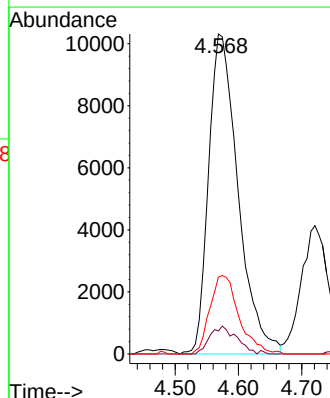
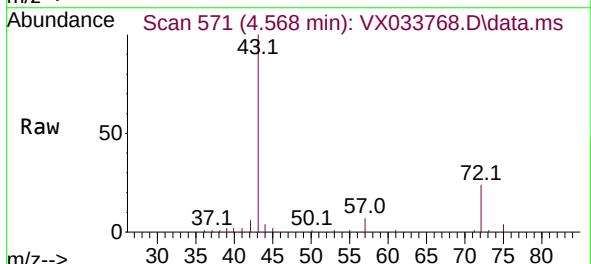
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

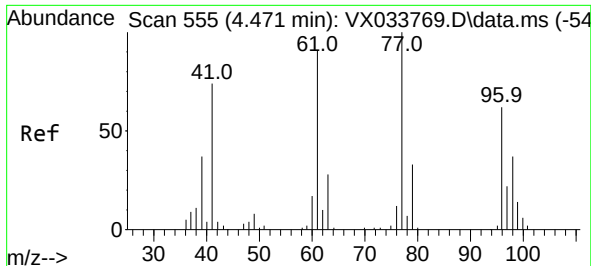
Tgt Ion:	75	Resp:	11805
Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	75.8
77	32.3	0.0	62.4



#30
2-Butanone
Concen: 29.207 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:	43	Resp:	33376
Ion	Ratio	Lower	Upper
43	100		
57	5.6	6.0	9.0#
72	24.1	20.6	30.8

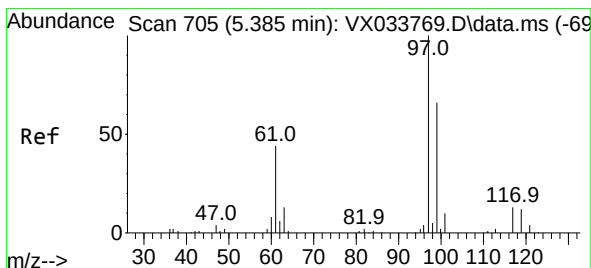
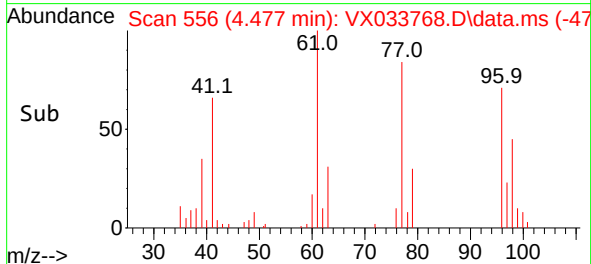
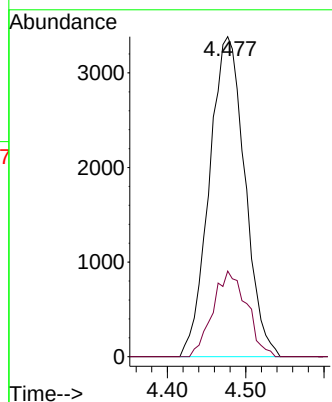
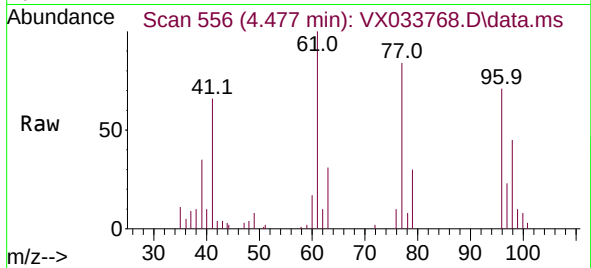




#31
2,2-Dichloropropane
Concen: 5.432 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

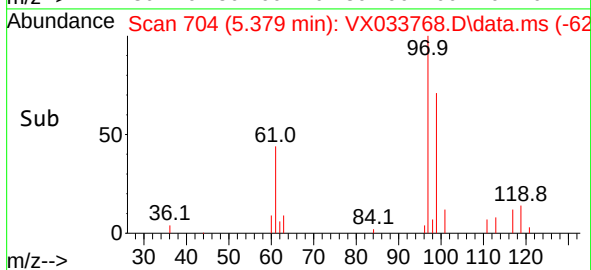
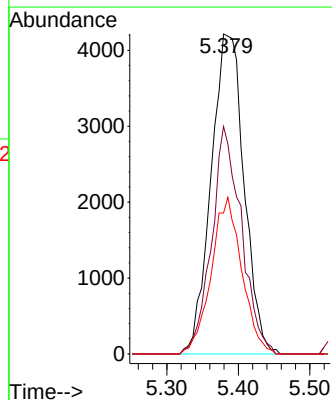
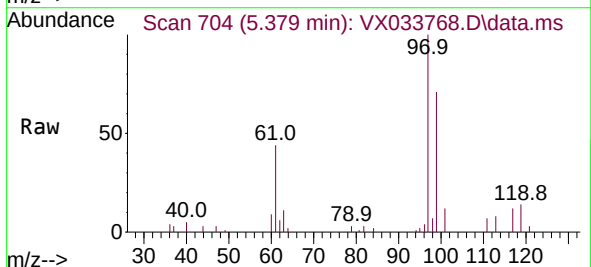
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

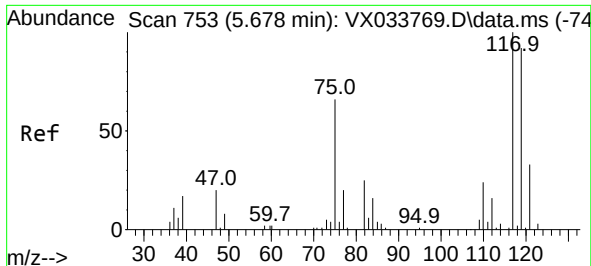
Tgt Ion: 77 Resp: 10655
Ion Ratio Lower Upper
77 100
97 25.5 19.6 29.4



#32
1,1,1-Trichloroethane
Concen: 5.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 97 Resp: 13505
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.5 34.7 52.1

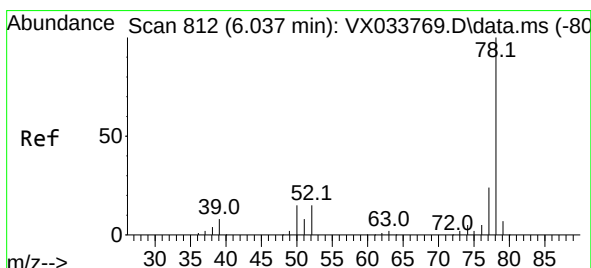
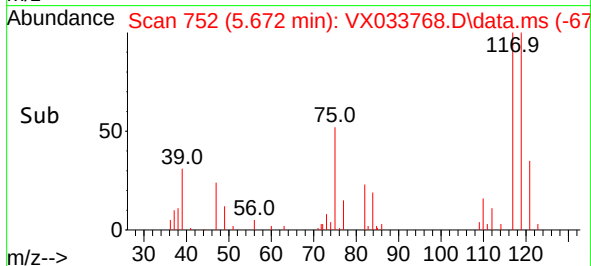
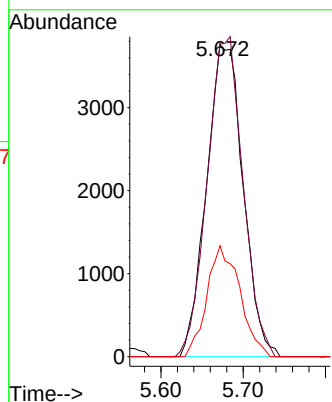
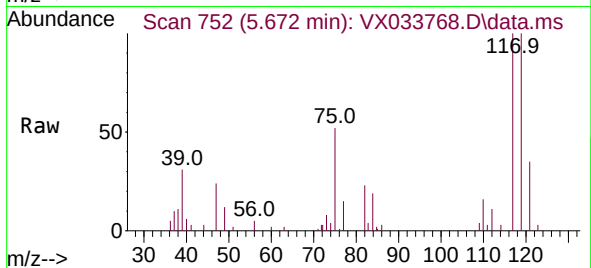




#33
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 5.672 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

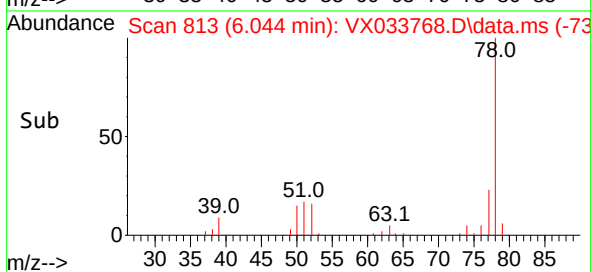
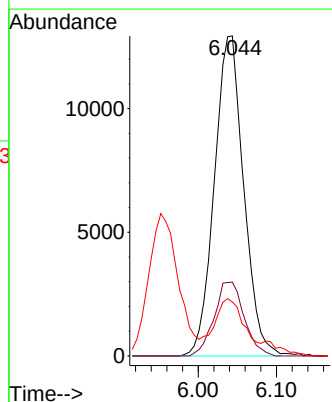
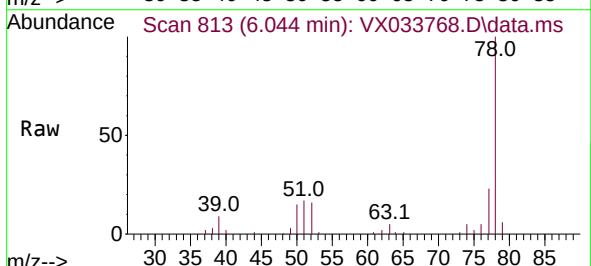
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

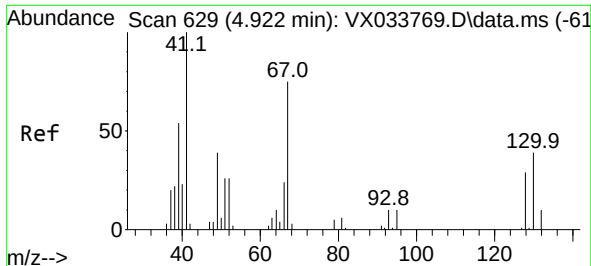
Tgt Ion:117 Resp: 11608
Ion Ratio Lower Upper
117 100
119 100.5 73.8 110.6
121 35.5 26.2 39.4



#34
Benzene
Concen: 5.482 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 78 Resp: 33653
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3
51 14.2 11.9 17.9





#35

Methacrylonitrile

Concen: 3.553 ug/l

RT: 4.928 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 4421

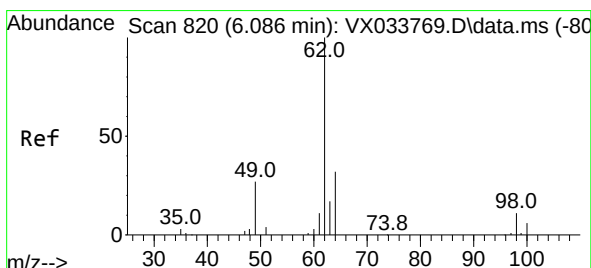
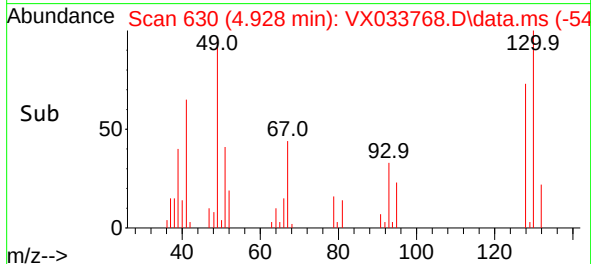
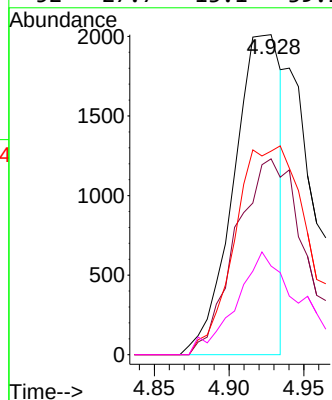
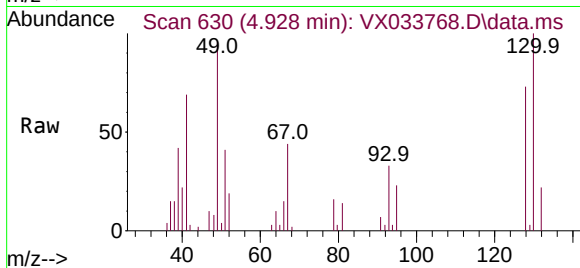
Ion Ratio Lower Upper

41 100

39 61.2 27.0 80.8

67 63.6 37.3 111.8

52 27.7 13.1 39.1



#36

1,2-Dichloroethane

Concen: 6.087 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033768.D

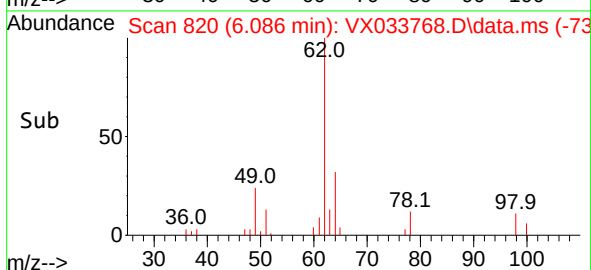
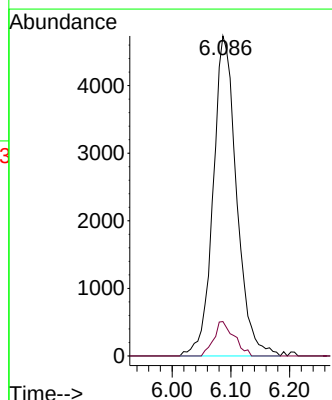
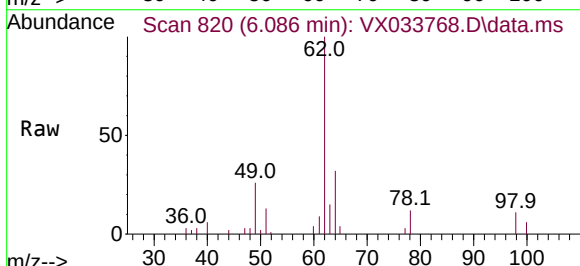
Acq: 18 Jan 2023 12:38

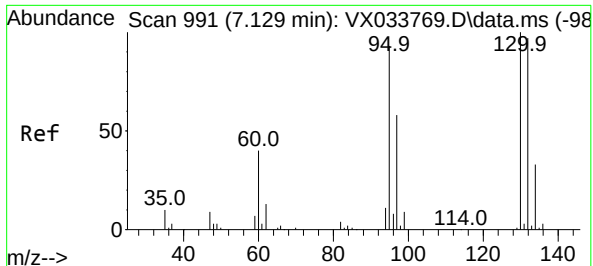
Tgt Ion: 62 Resp: 13143

Ion Ratio Lower Upper

62 100

98 9.0 8.2 12.4





#37

Trichloroethene

Concen: 4.979 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

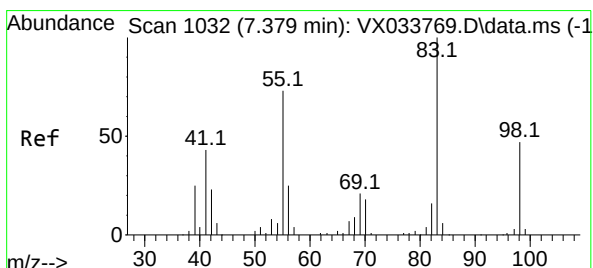
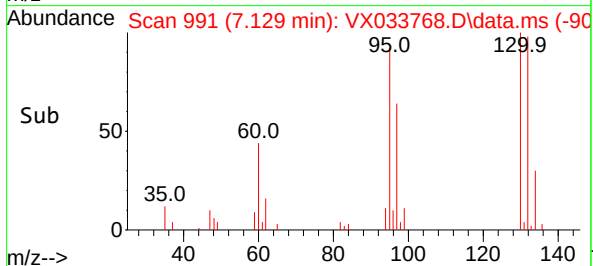
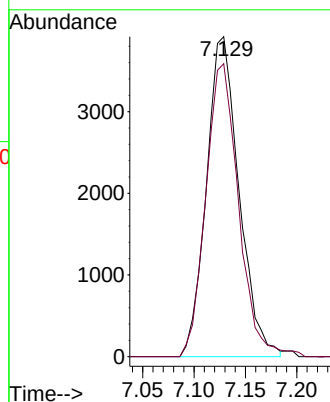
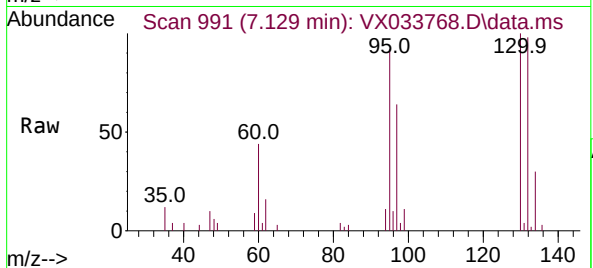
VSTDIC005

Tgt Ion:130 Resp: 8631

Ion Ratio Lower Upper

130 100

95 91.6 74.1 111.1



#38

Methylcyclohexane

Concen: 5.010 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

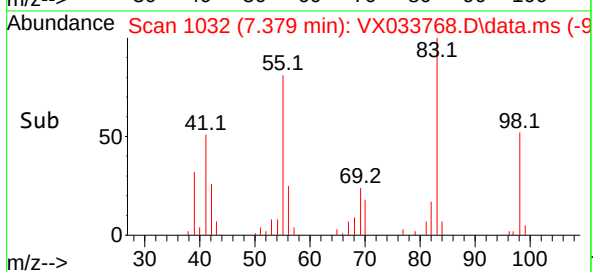
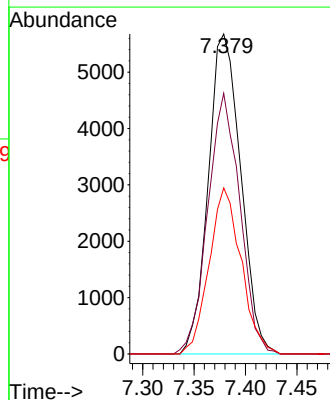
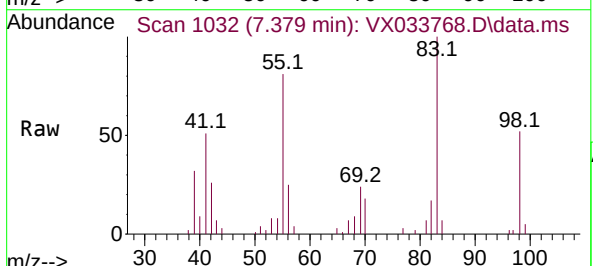
Tgt Ion: 83 Resp: 12469

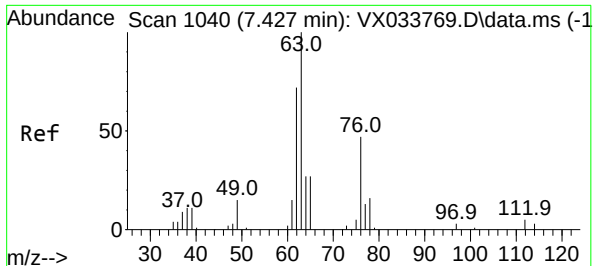
Ion Ratio Lower Upper

83 100

55 80.3 38.9 116.6

98 51.3 25.4 76.4





#39

1,2-Dichloropropane

Concen: 5.140 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

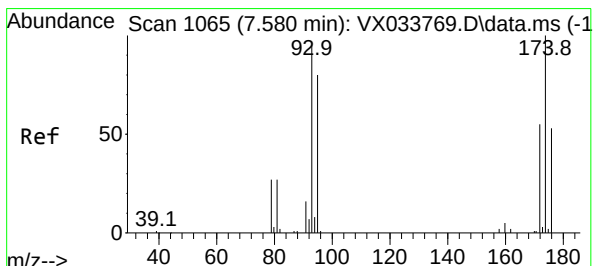
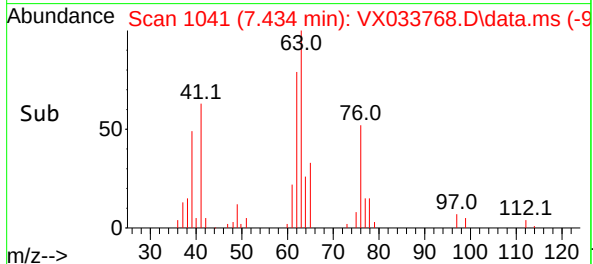
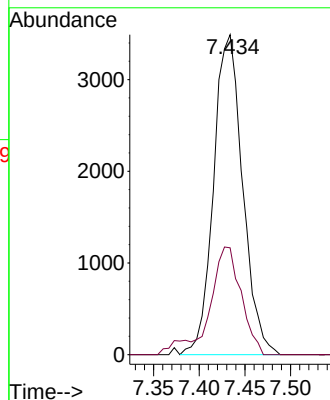
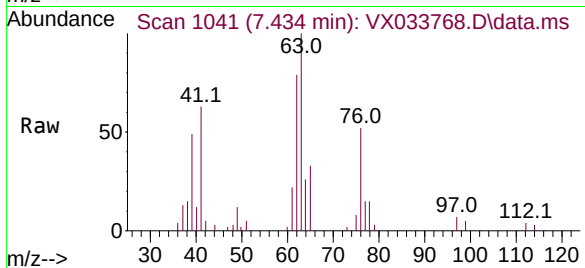
VSTDIC005

Tgt Ion: 63 Resp: 7724

Ion Ratio Lower Upper

63 100

65 33.4 23.6 35.4



#40

Dibromomethane

Concen: 5.360 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

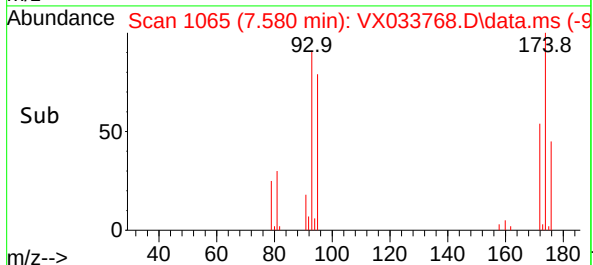
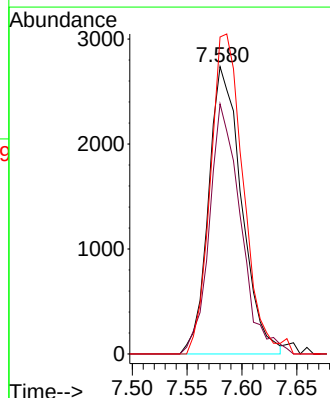
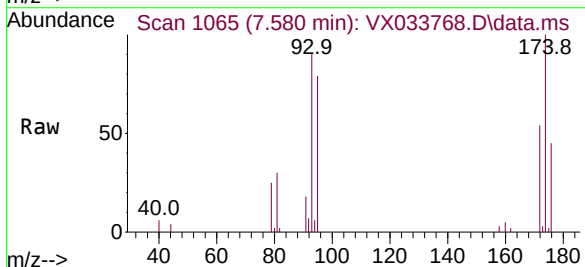
Tgt Ion: 93 Resp: 5725

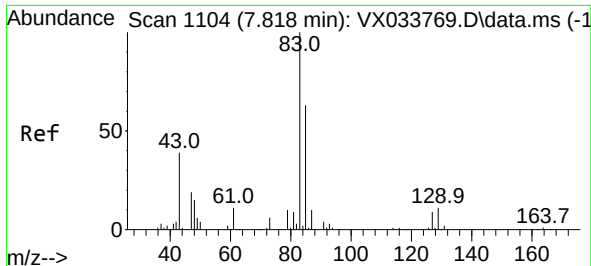
Ion Ratio Lower Upper

93 100

95 82.3 0.0 165.4

174 110.3 0.0 227.2

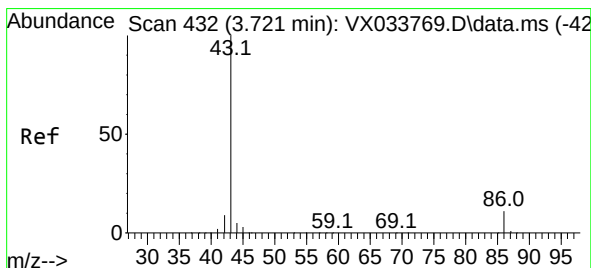
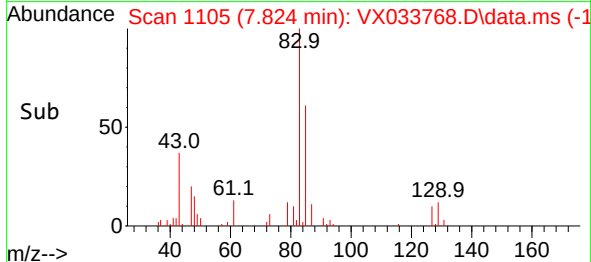
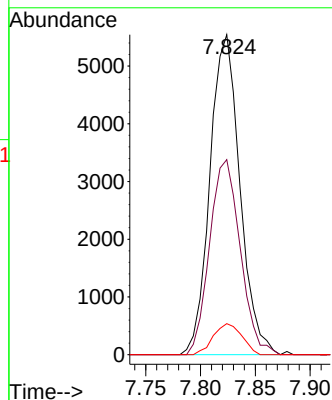
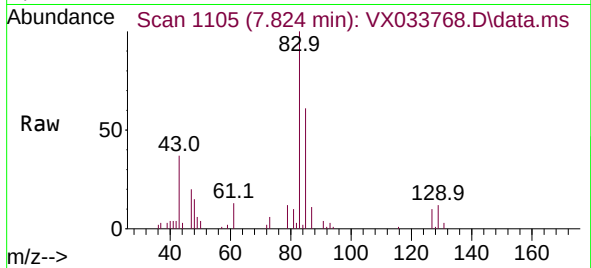




#41
Bromodichloromethane
Concen: 5.174 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

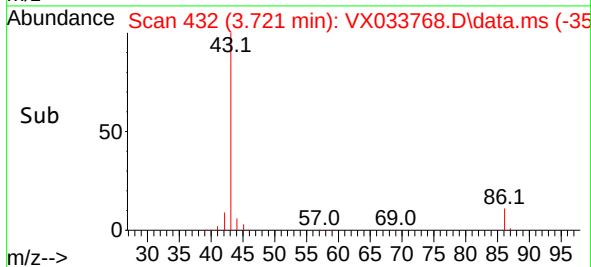
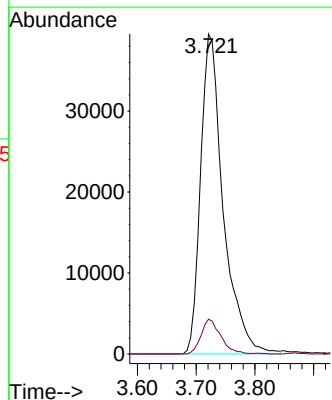
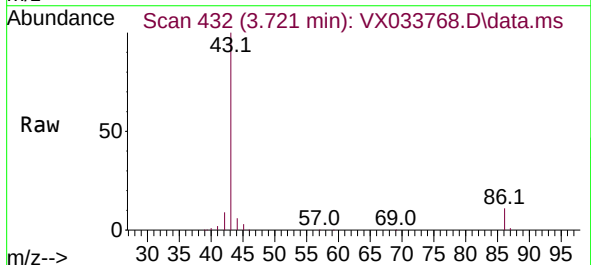
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

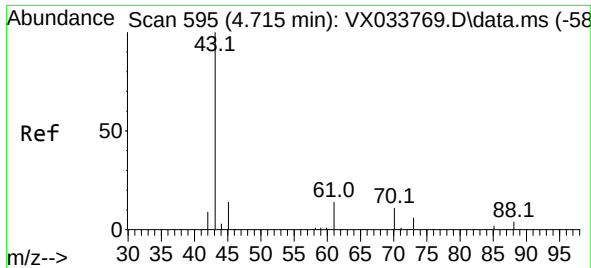
Tgt Ion: 83 Resp: 10544
Ion Ratio Lower Upper
83 100
85 61.0 50.5 75.7
127 9.7 7.2 10.8



#42
Vinyl Acetate
Concen: 27.592 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 105944
Ion Ratio Lower Upper
43 100
86 9.4 7.5 11.3

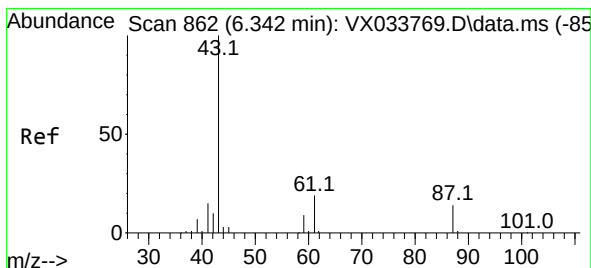
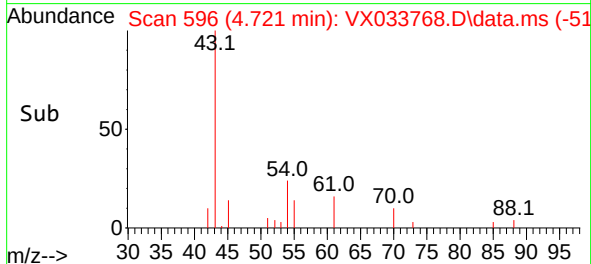
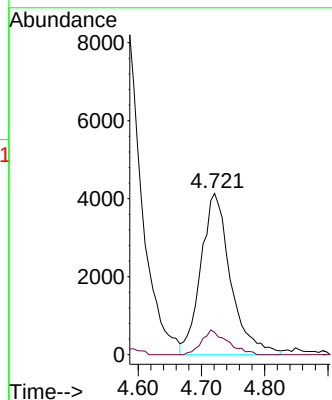
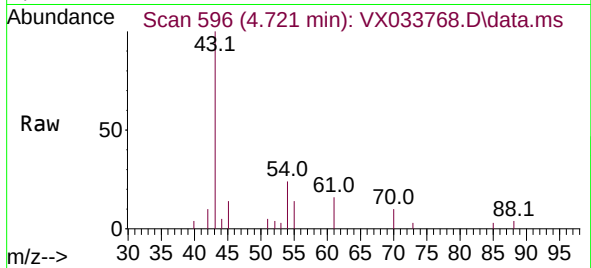




#43
Ethyl Acetate
Concen: 6.057 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

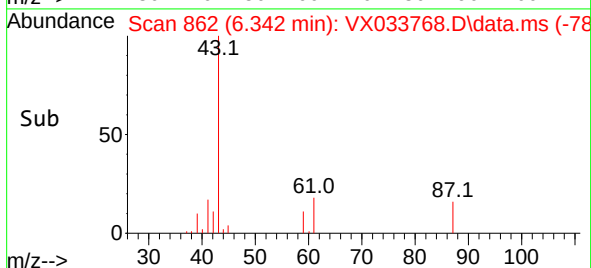
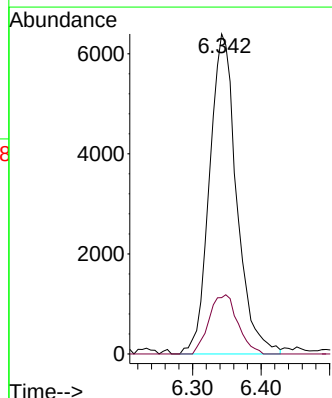
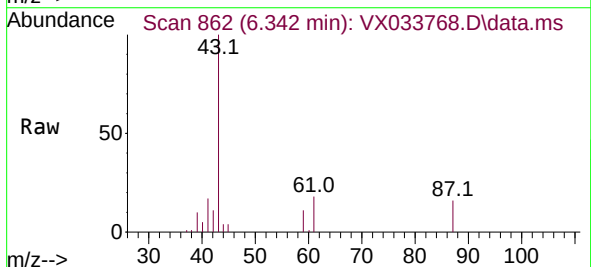
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

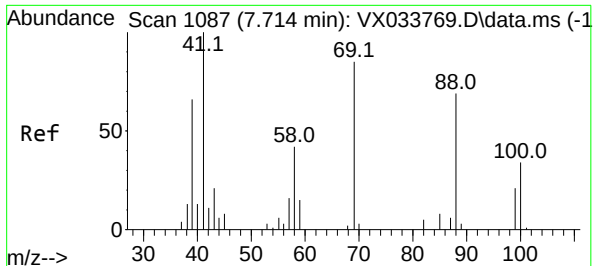
Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
45 12.3 12.1 18.1



#44
Isopropyl Acetate
Concen: 5.178 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 43 Resp: 17587
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4

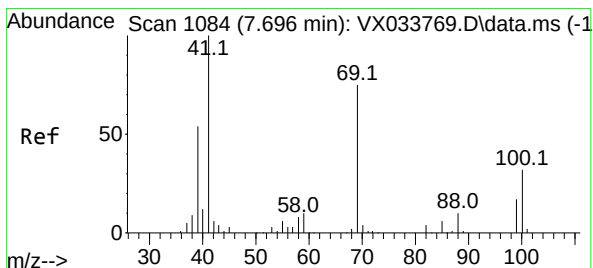
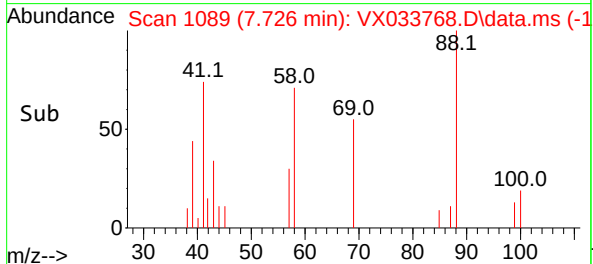
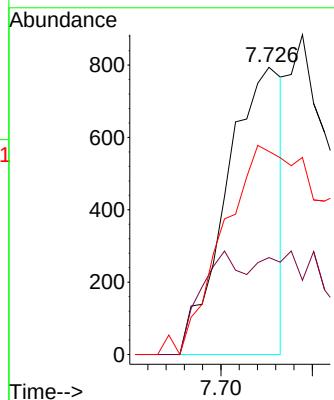
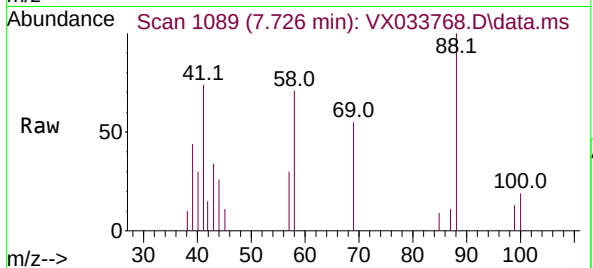




#45
1,4-Dioxane
Concen: 47.572 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.012 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

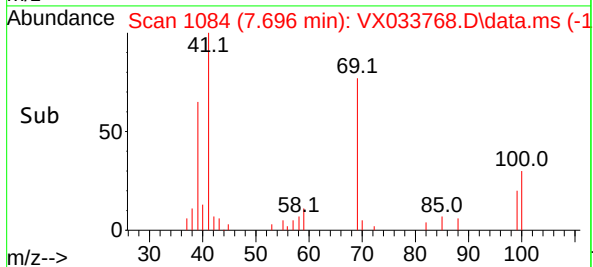
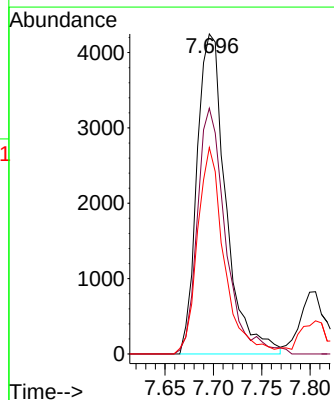
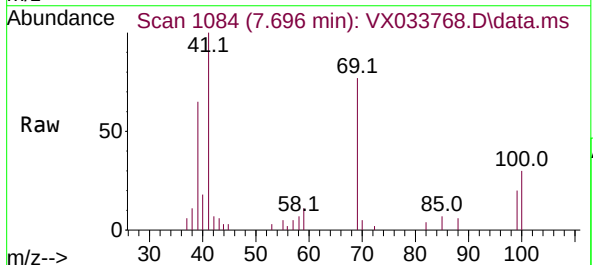
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

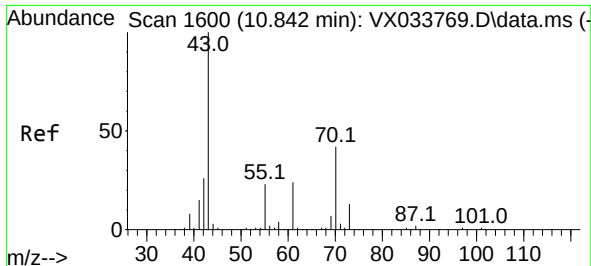
Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
43 4.2 2.8 4.2
58 87.2 56.5 84.7#



#46
Methyl methacrylate
Concen: 5.118 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 41 Resp: 8828
Ion Ratio Lower Upper
41 100
69 75.5 37.4 112.2
39 62.8 27.2 81.5





#47

n-amyl acetate

Concen: 4.874 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

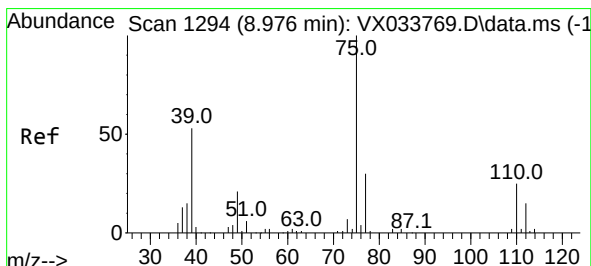
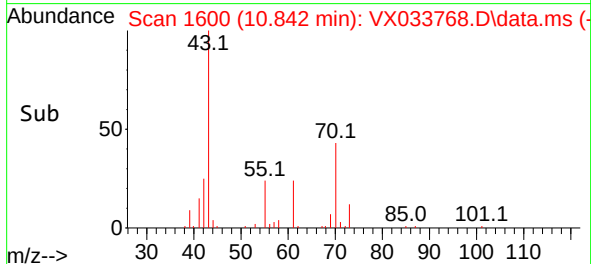
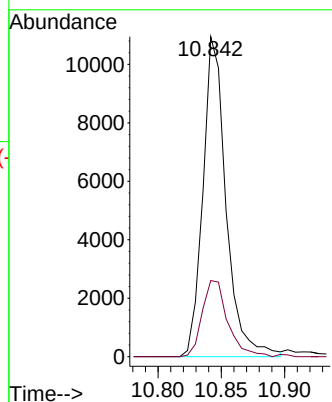
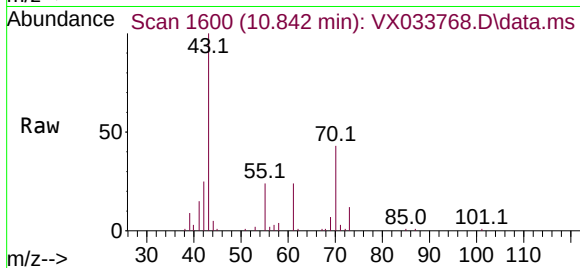
VSTDIC005

Tgt Ion: 43 Resp: 13965

Ion Ratio Lower Upper

43 100

55 26.2 19.8 29.6



#48

t-1,3-Dichloropropene

Concen: 4.900 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX033768.D

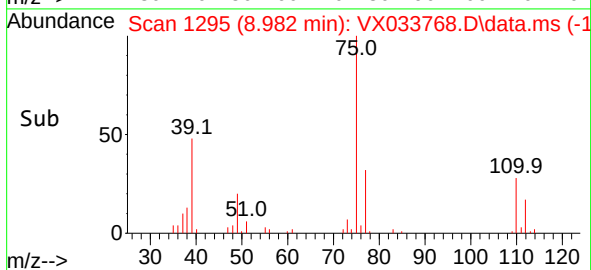
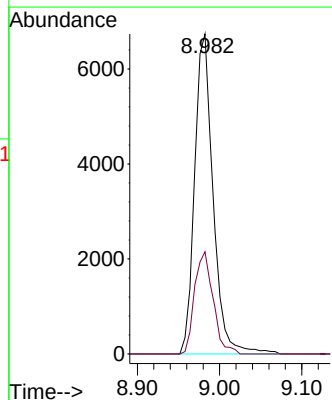
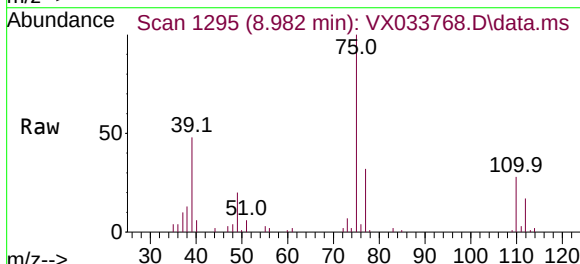
Acq: 18 Jan 2023 12:38

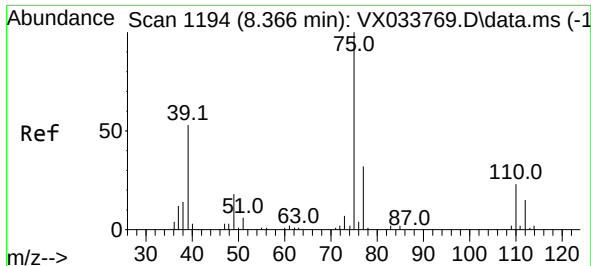
Tgt Ion: 75 Resp: 10520

Ion Ratio Lower Upper

75 100

77 32.0 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 5.034 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

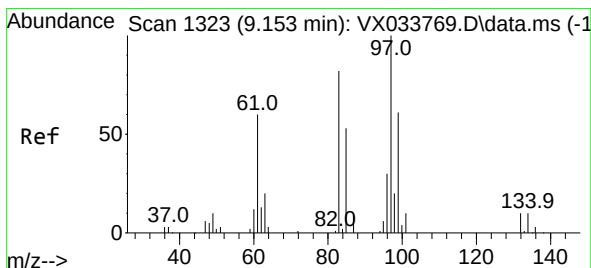
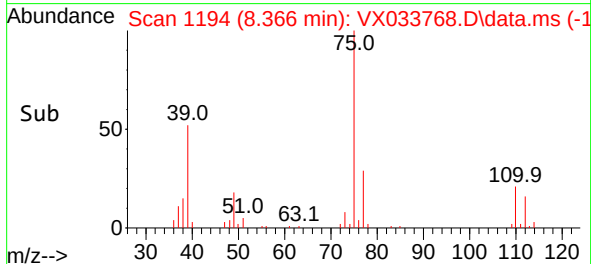
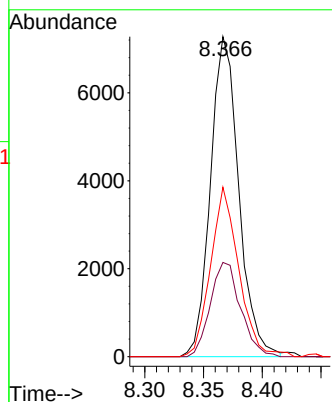
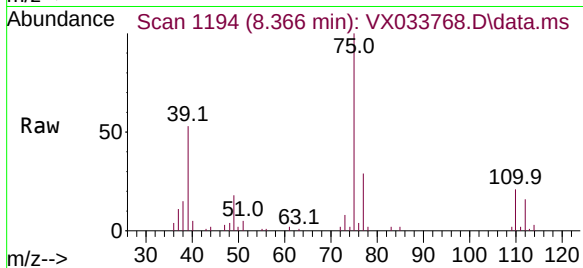
Tgt Ion: 75 Resp: 12200

Ion Ratio Lower Upper

75 100

77 29.5 25.8 38.8

39 52.9 42.2 63.2



#50

1,1,2-Trichloroethane

Concen: 5.689 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion: 97 Resp: 9015

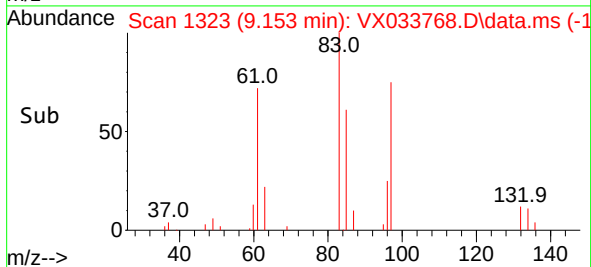
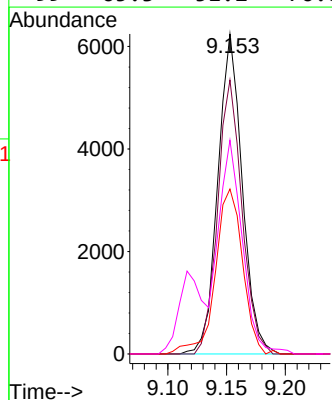
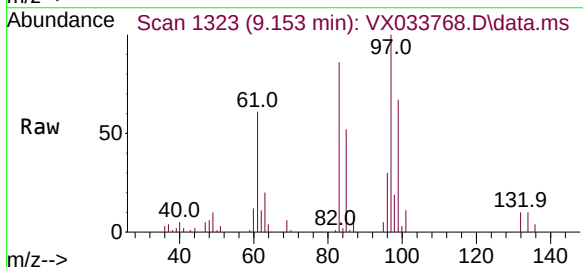
Ion Ratio Lower Upper

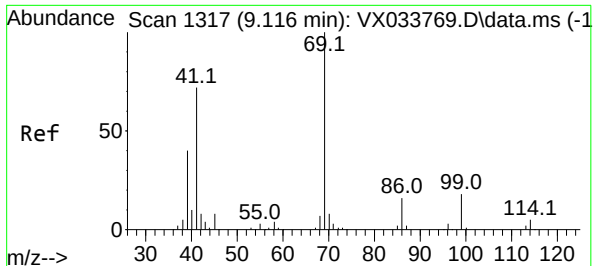
97 100

83 85.6 65.4 98.0

85 51.6 42.5 63.7

99 65.3 51.2 76.8

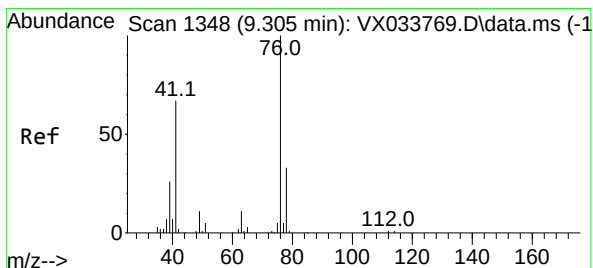
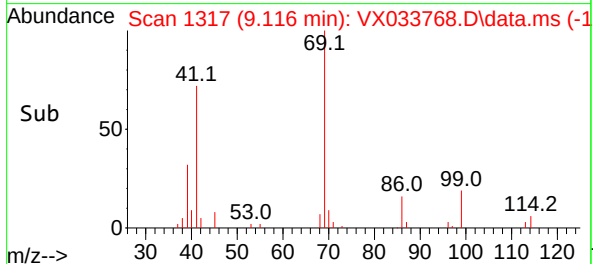
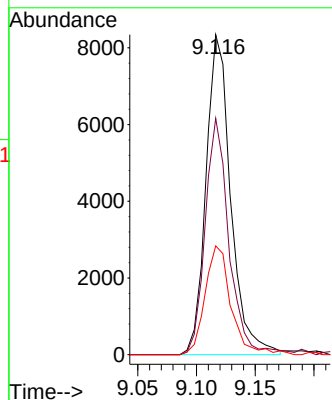
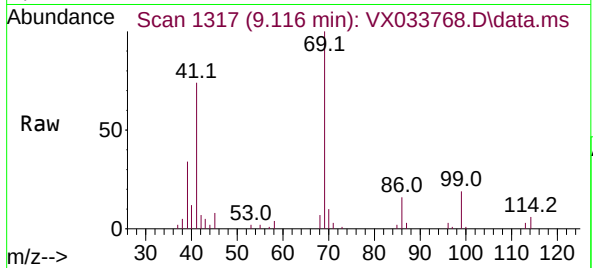




#51
Ethyl methacrylate
Concen: 5.210 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

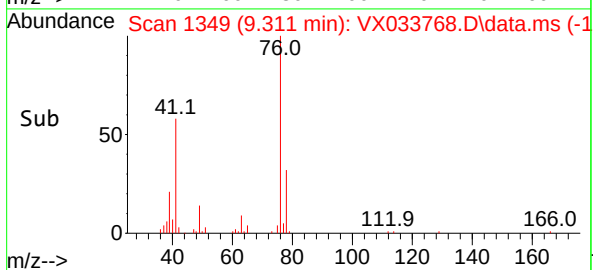
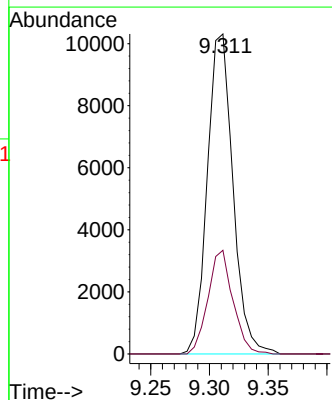
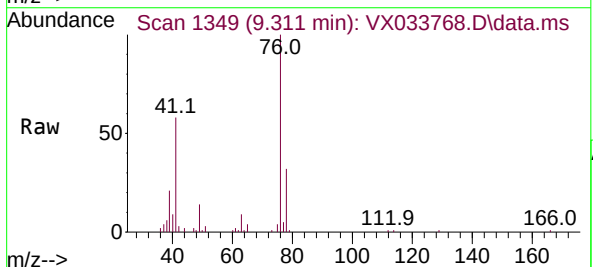
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

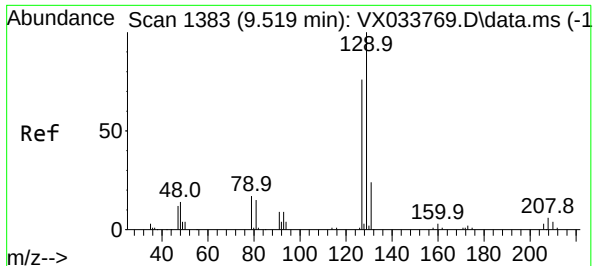
Tgt Ion: 69 Resp: 12232
Ion Ratio Lower Upper
69 100
41 73.8 35.8 107.3
39 34.0 20.2 60.6



#52
1,3-Dichloropropane
Concen: 5.856 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 76 Resp: 15639
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.6

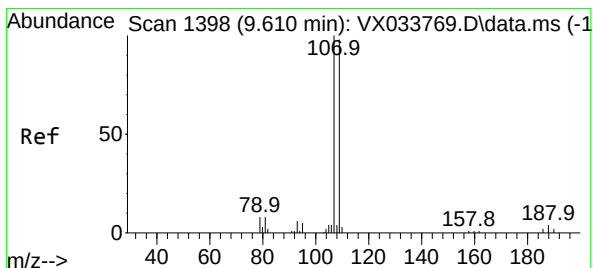
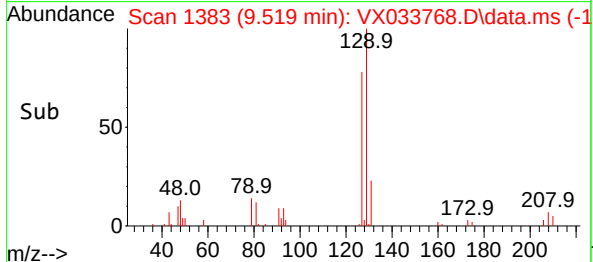
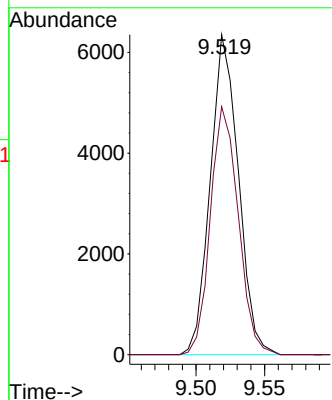
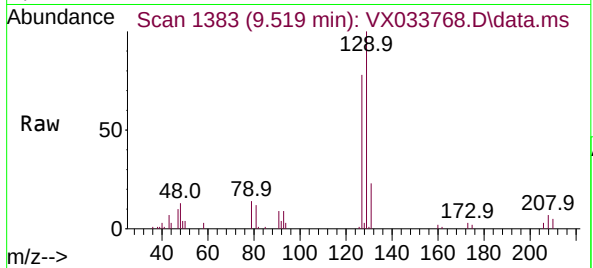




#53
Dibromochloromethane
Concen: 5.242 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

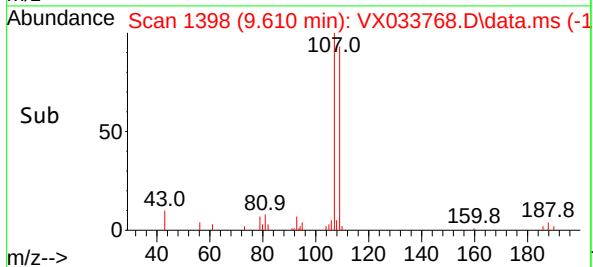
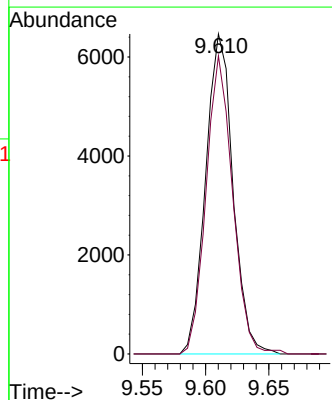
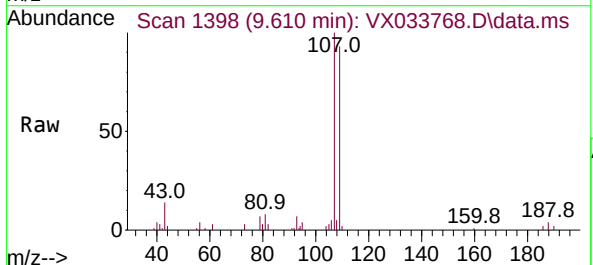
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

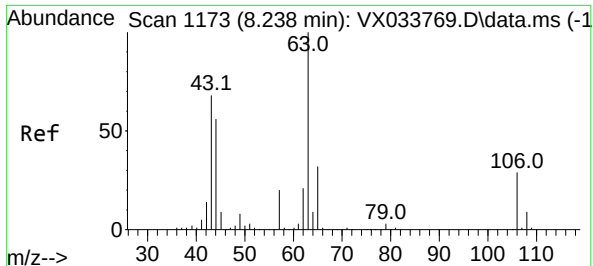
Tgt Ion:129 Resp: 9072
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0



#54
1,2-Dibromoethane
Concen: 5.691 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:107 Resp: 9741
Ion Ratio Lower Upper
107 100
109 89.6 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 25.907 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

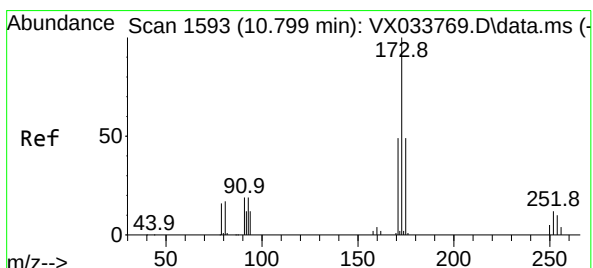
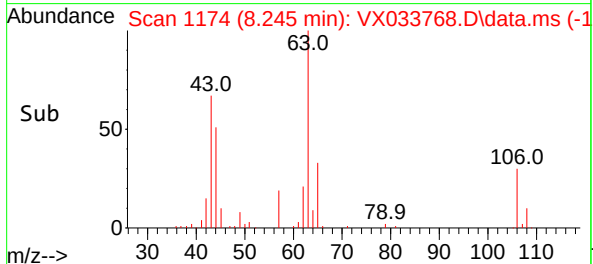
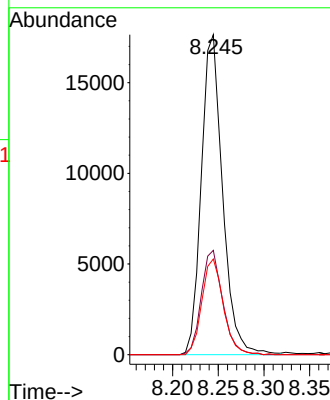
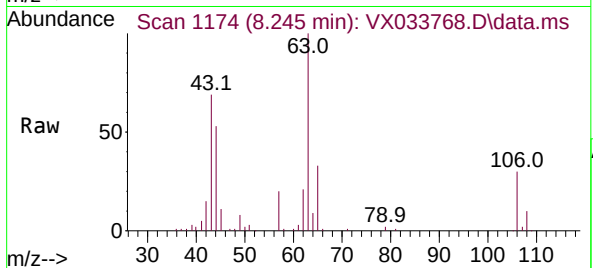
Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:	63	Resp:	28555
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.4	38.2
106	30.0	23.9	35.9



#56

Bromoform

Concen: 4.659 ug/l

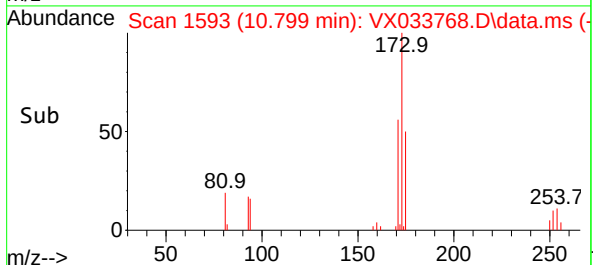
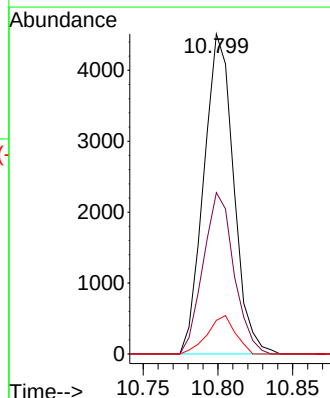
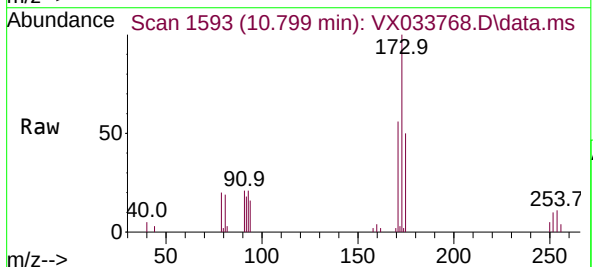
RT: 10.799 min Scan# 1593

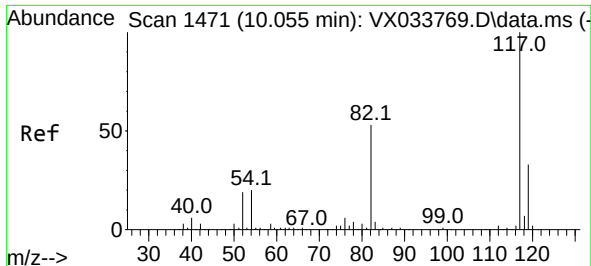
Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion:	173	Resp:	6258
Ion	Ratio	Lower	Upper
173	100		
175	51.9	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: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

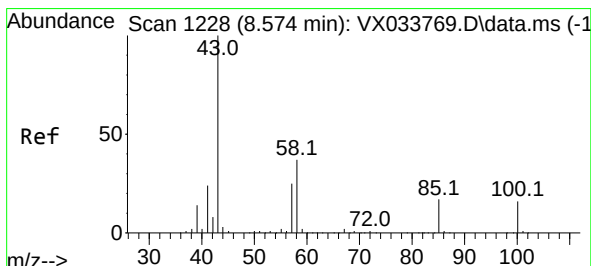
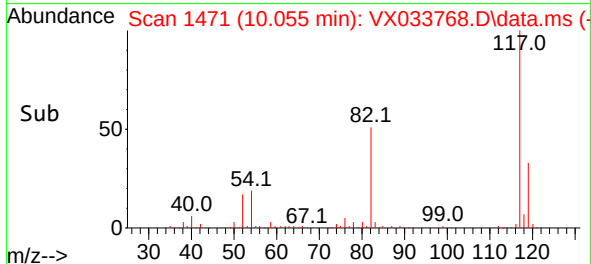
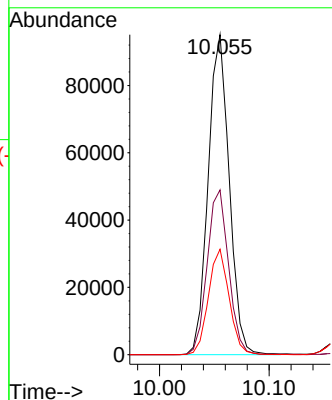
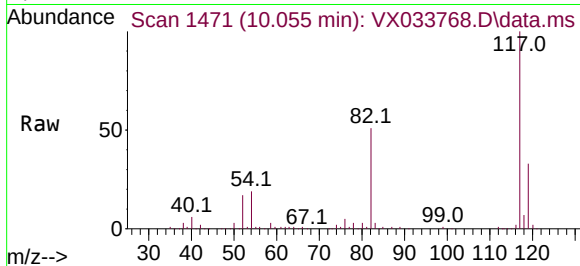
Tgt Ion:117 Resp: 127080

Ion Ratio Lower Upper

117 100

82 52.1 42.6 64.0

119 32.5 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 26.096 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

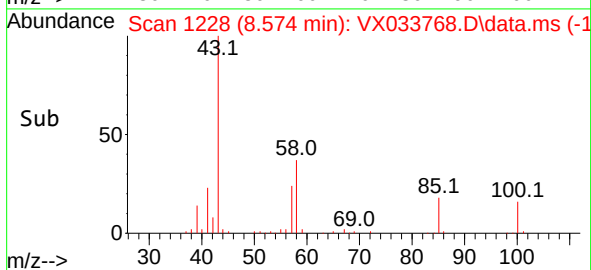
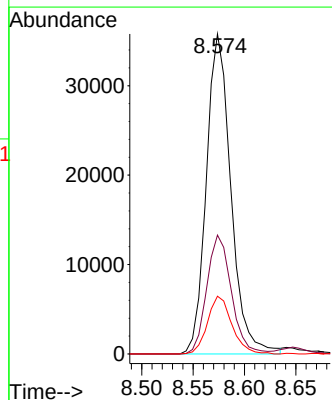
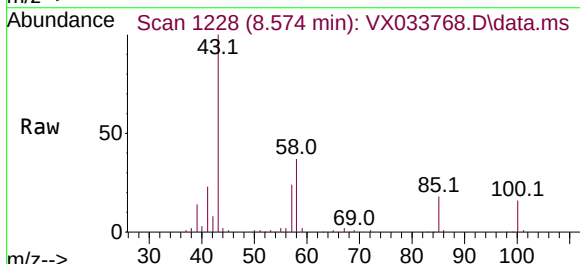
Tgt Ion: 43 Resp: 59609

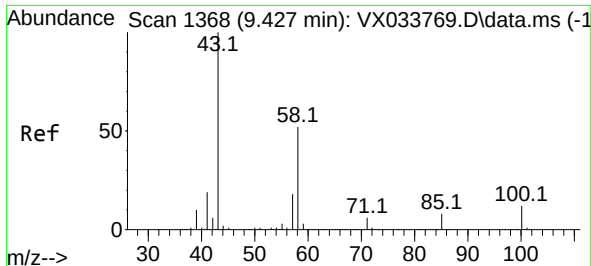
Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.6

85 17.9 13.7 20.5





#59

2-Hexanone

Concen: 26.345 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

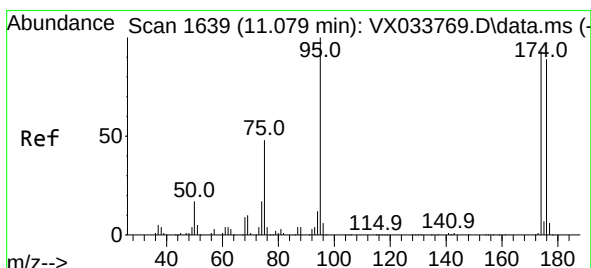
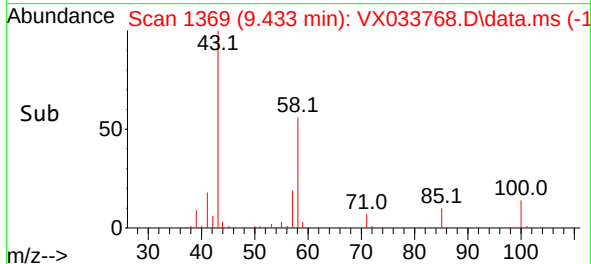
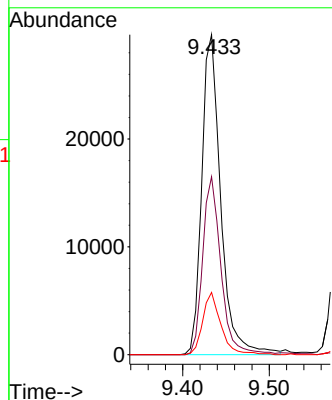
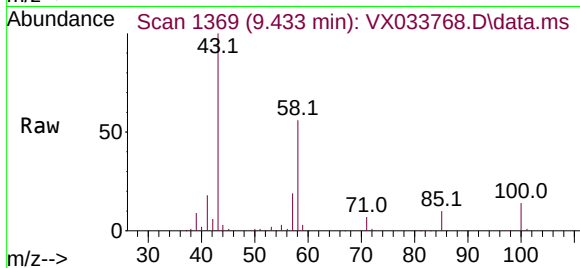
Tgt Ion: 43 Resp: 45216

Ion Ratio Lower Upper

43 100

58 53.3 41.6 62.4

57 18.3 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 29.626 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

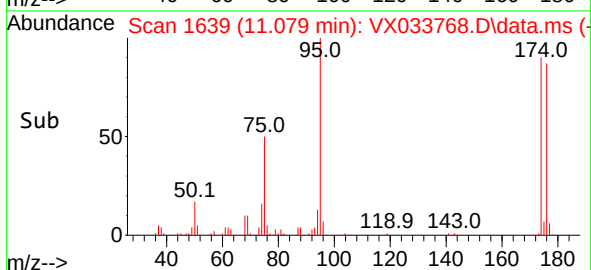
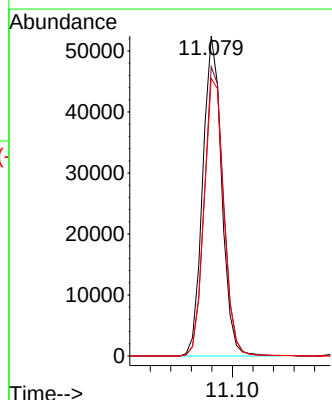
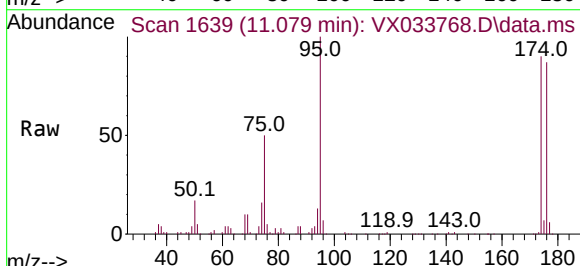
Tgt Ion: 95 Resp: 67304

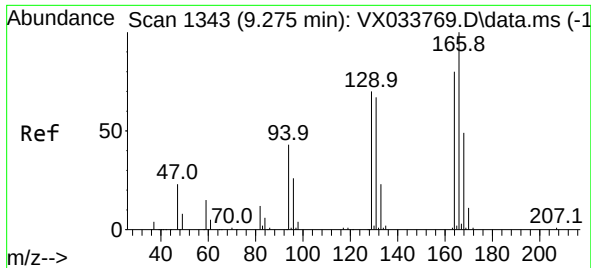
Ion Ratio Lower Upper

95 100

174 92.3 74.6 111.8

176 89.6 72.2 108.2

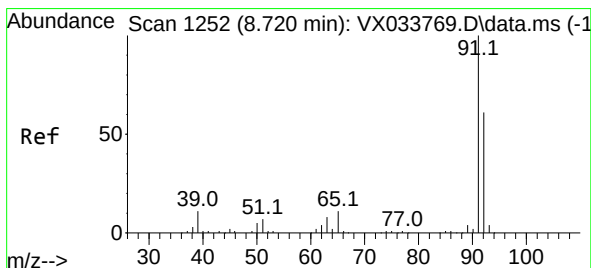
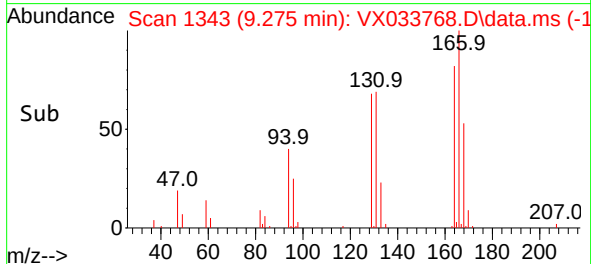
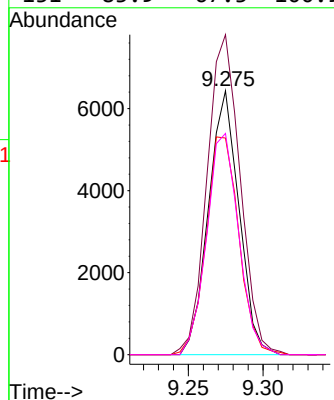
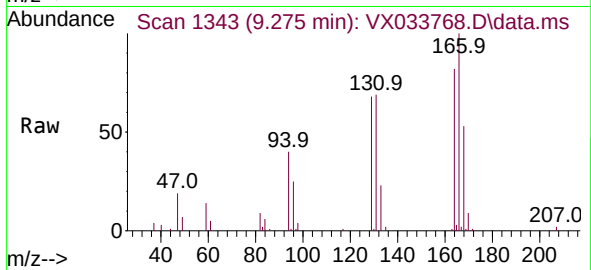




#61
Tetrachloroethene
Concen: 5.475 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

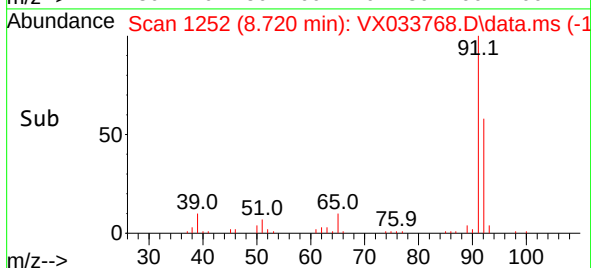
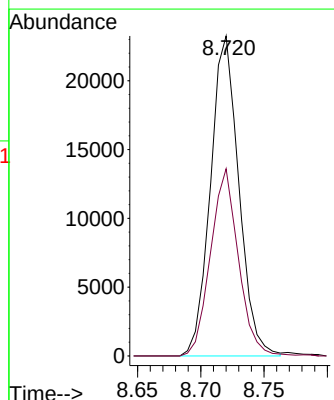
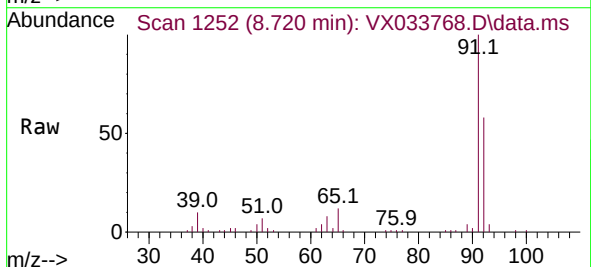
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

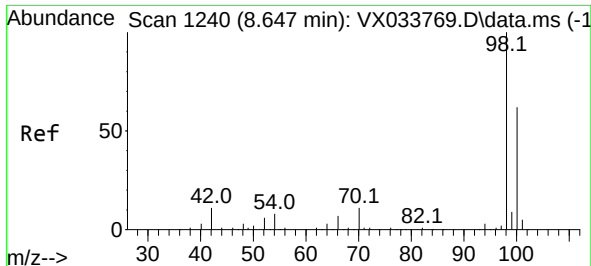
Tgt Ion:164	Resp:	9162
Ion	Ratio	Lower Upper
164	100	
166	120.0	100.6 151.0
129	81.3	69.9 104.9
131	83.9	67.3 100.9



#62
Toluene
Concen: 5.098 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 91	Resp:	36237
Ion	Ratio	Lower Upper
91	100	
92	57.4	47.5 71.3

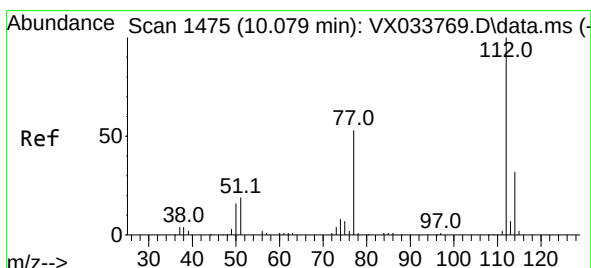
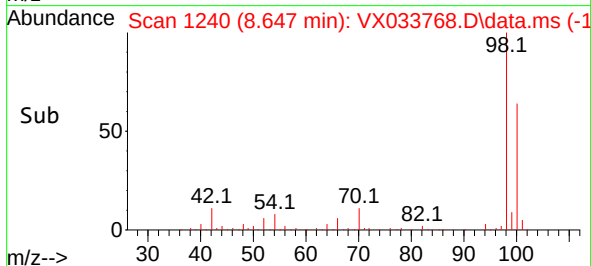
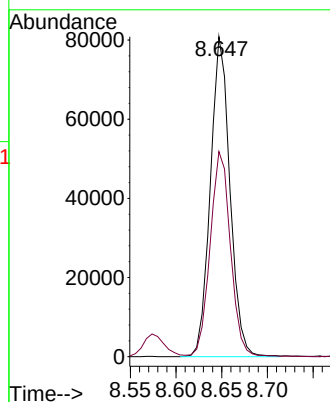
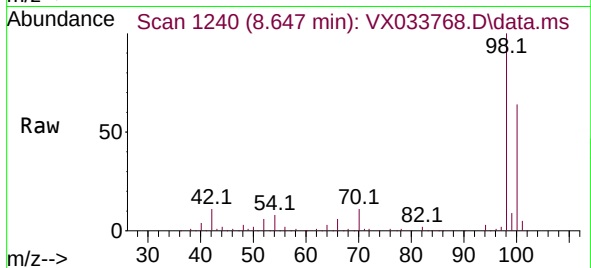




#63
Toluene-d8
Concen: 29.590 ug/l
RT: 8.647 min Scan# 119971
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

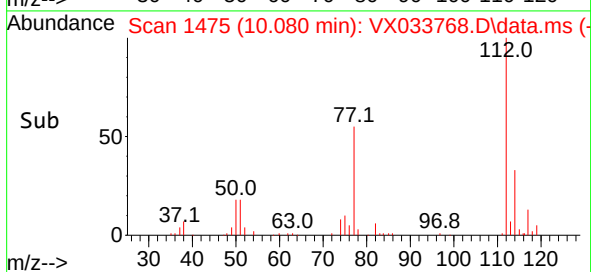
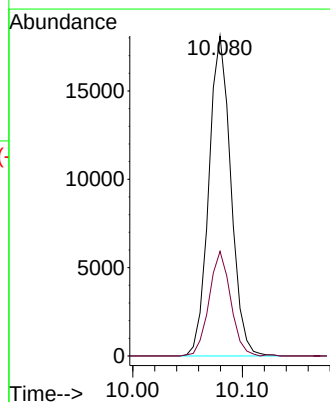
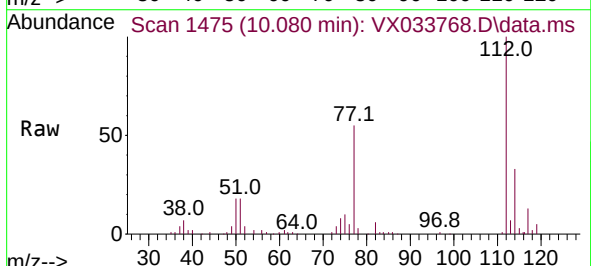
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

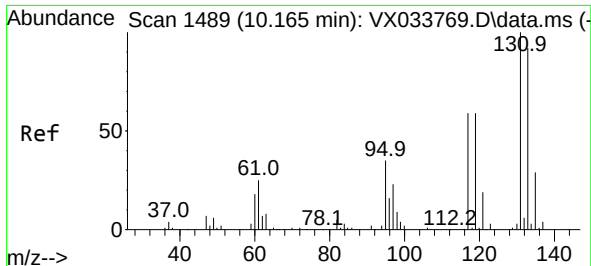
Tgt Ion: 98 Resp: 119971
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



#64
Chlorobenzene
Concen: 5.341 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 112 Resp: 25309
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

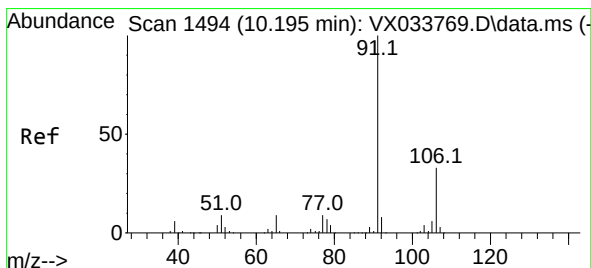
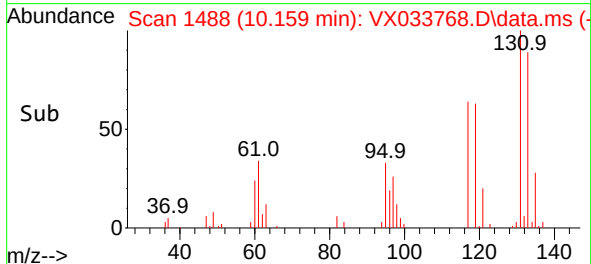
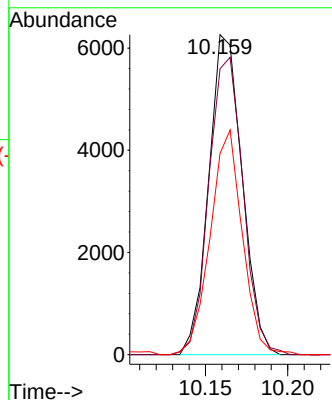
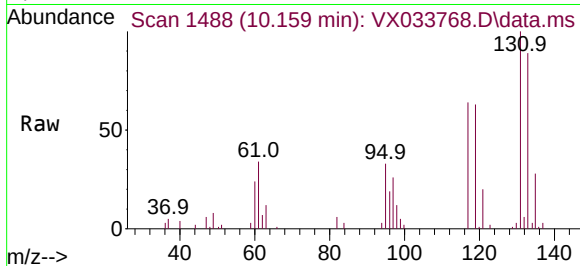




#65
1,1,1,2-Tetrachloroethane
Concen: 5.026 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

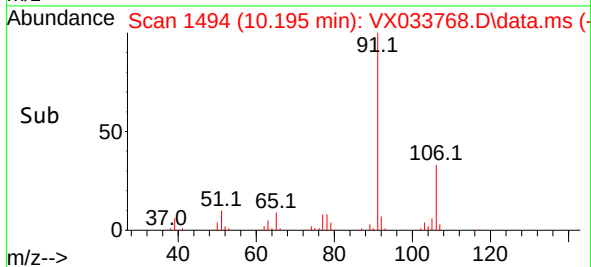
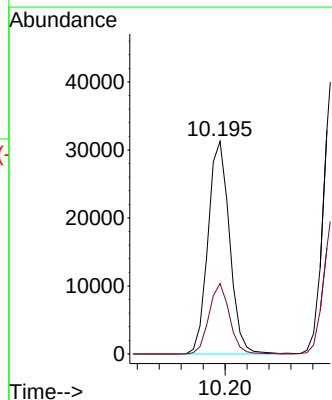
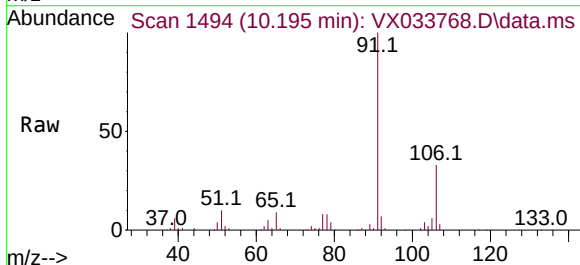
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

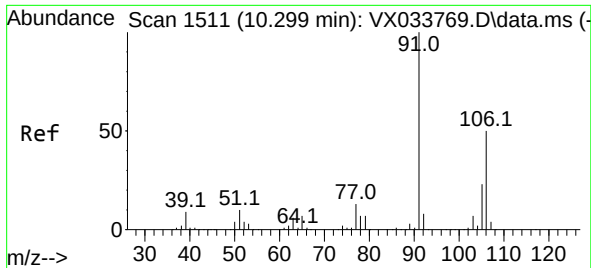
Tgt Ion:131 Resp: 8868
Ion Ratio Lower Upper
131 100
133 94.9 0.0 188.8
119 67.4 0.0 123.4



#66
Ethyl Benzene
Concen: 5.246 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 91 Resp: 42677
Ion Ratio Lower Upper
91 100
106 33.1 26.7 40.1

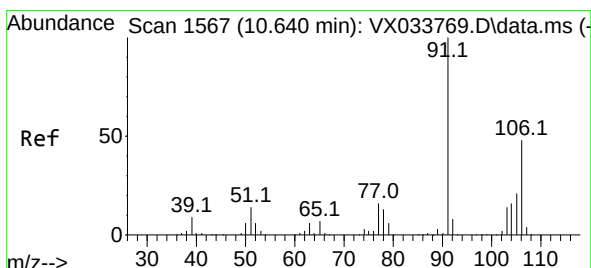
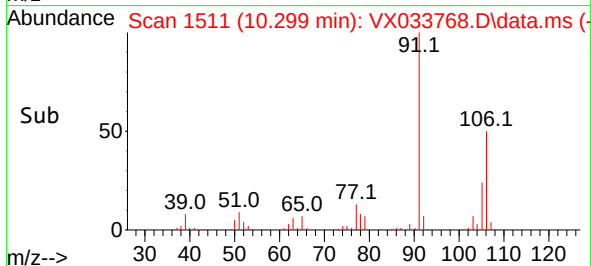
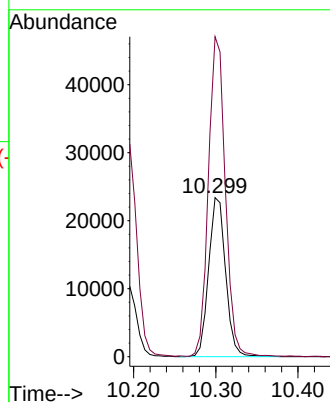
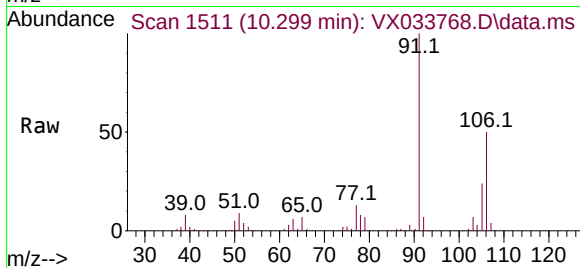




#67
m/p-Xylenes
Concen: 10.437 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

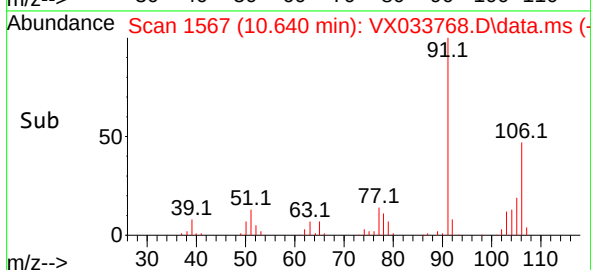
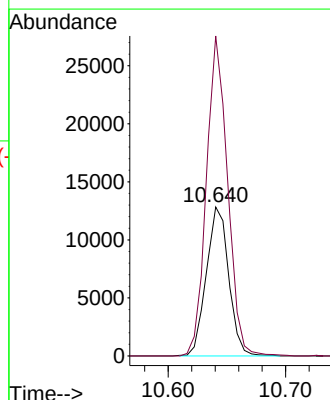
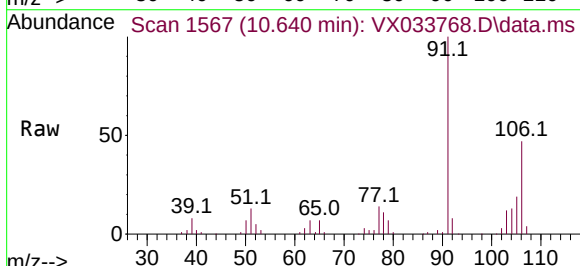
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

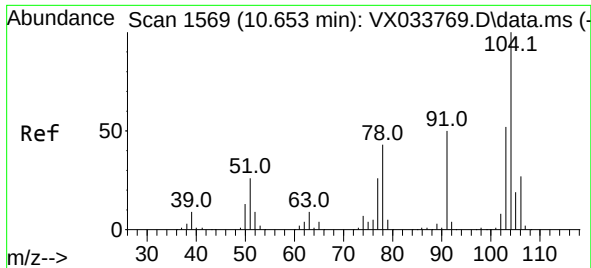
Tgt Ion:106 Resp: 33531
Ion Ratio Lower Upper
106 100
91 200.1 159.7 239.5



#68
o-Xylene
Concen: 5.339 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:106 Resp: 17010
Ion Ratio Lower Upper
106 100
91 203.3 102.8 308.5

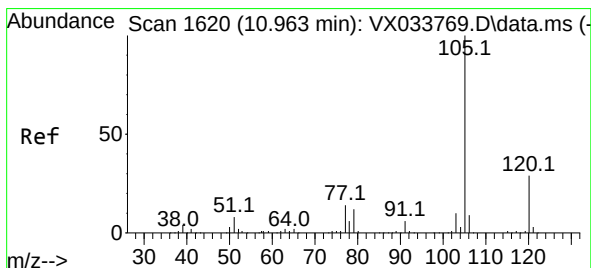
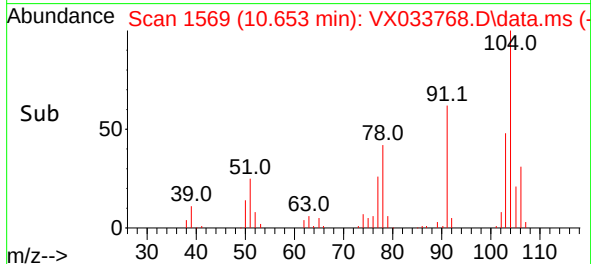
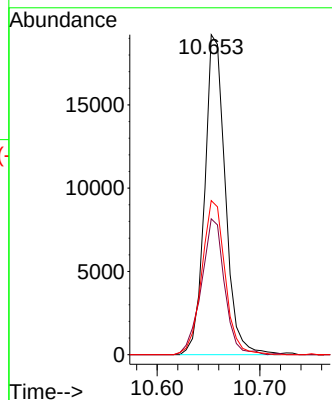
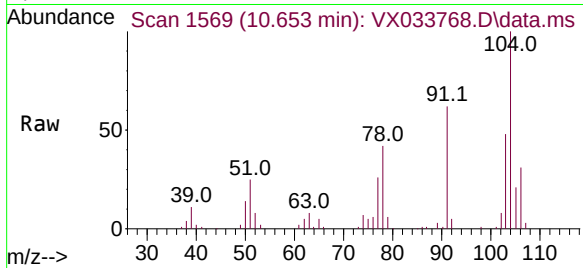




#69
Styrene
Concen: 5.117 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

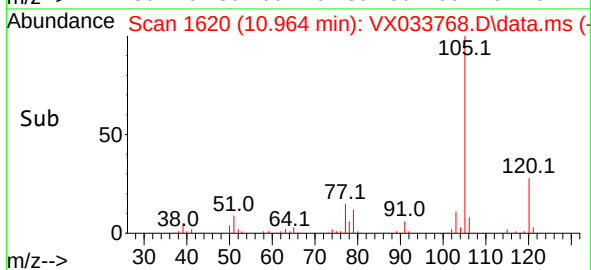
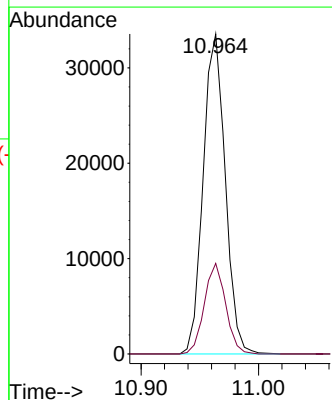
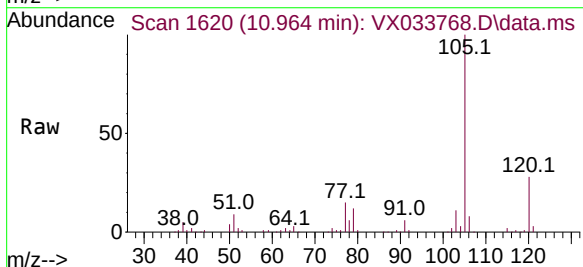
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

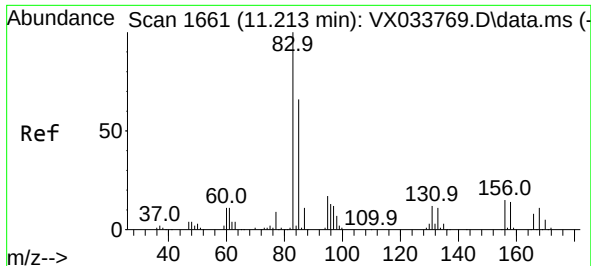
Tgt Ion:104 Resp: 26814
Ion Ratio Lower Upper
104 100
78 47.2 37.6 56.4
103 54.4 44.2 66.4



#70
Isopropylbenzene
Concen: 5.339 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:105 Resp: 43810
Ion Ratio Lower Upper
105 100
120 27.3 19.7 36.5

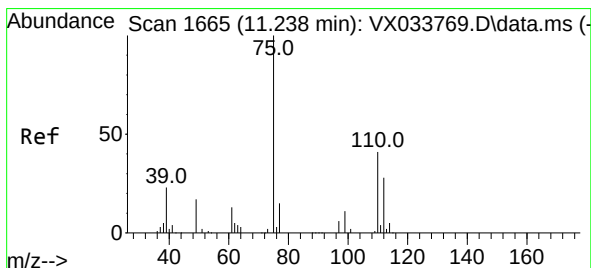
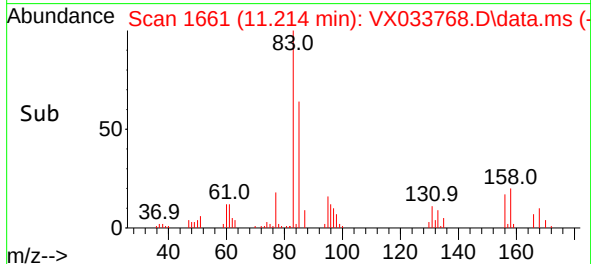
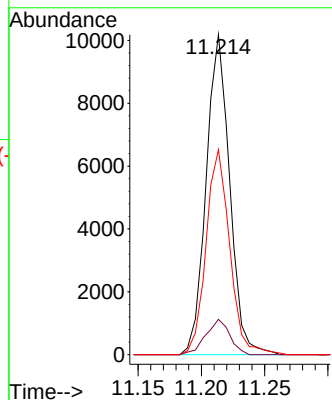
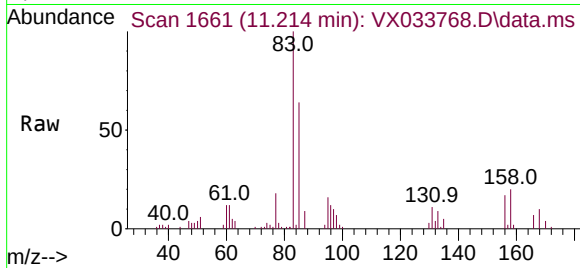




#71
1,1,2,2-Tetrachloroethane
Concen: 5.360 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

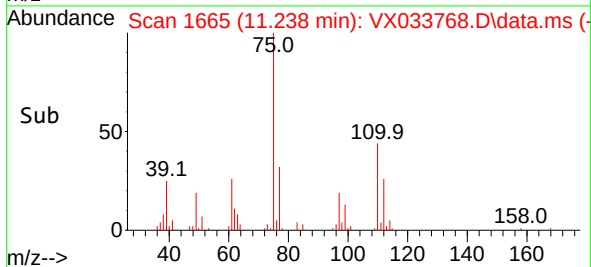
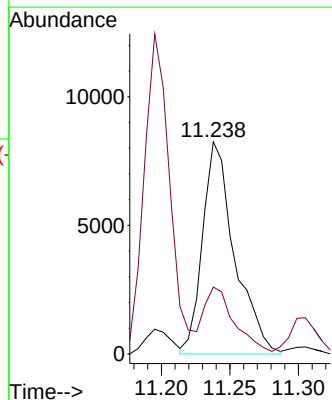
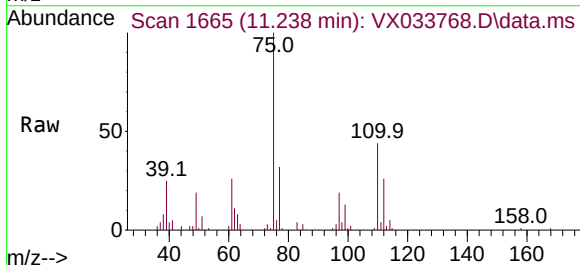
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

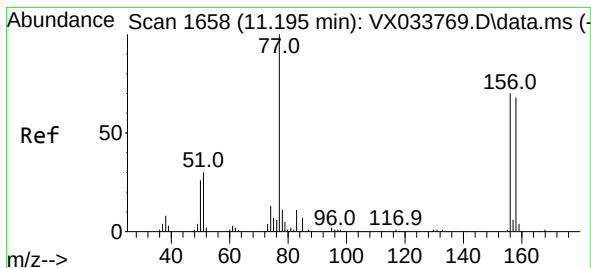
Tgt Ion: 83 Resp: 13189
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 64.6 33.3 99.8



#72
1,2,3-Trichloropropane
Concen: 5.991 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 75 Resp: 13430
Ion Ratio Lower Upper
75 100
77 29.7 0.0 75.6





#73

Bromobenzene

Concen: 5.316 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

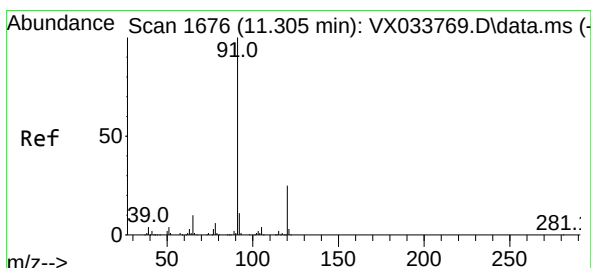
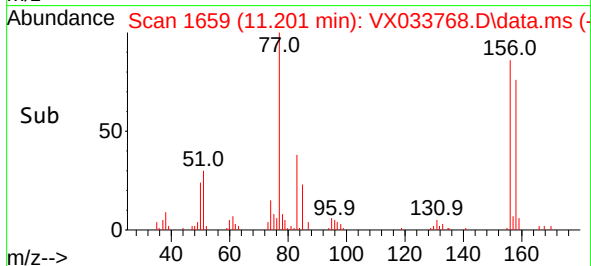
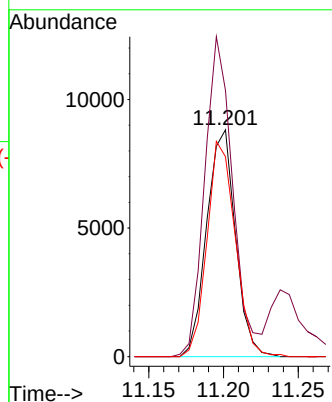
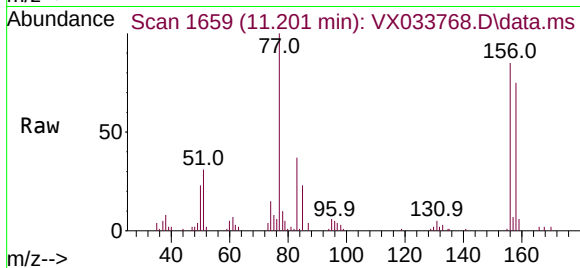
Tgt Ion:156 Resp: 11815

Ion Ratio Lower Upper

156 100

77 138.0 0.0 269.4

158 93.3 0.0 192.6



#74

n-propylbenzene

Concen: 5.180 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033768.D

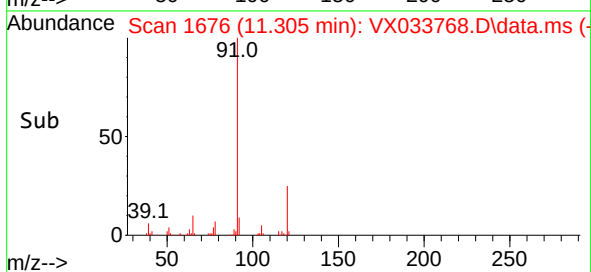
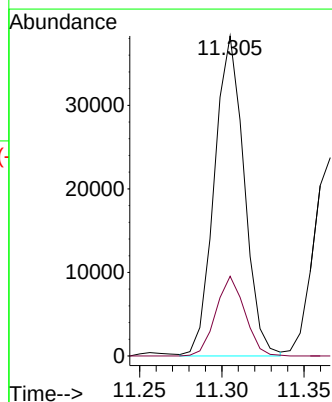
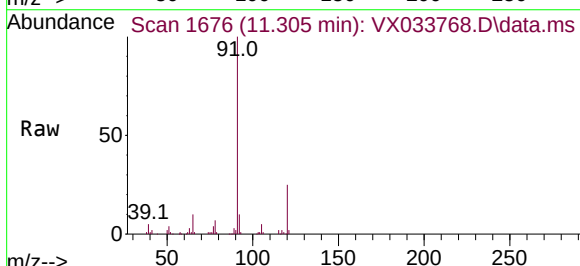
Acq: 18 Jan 2023 12:38

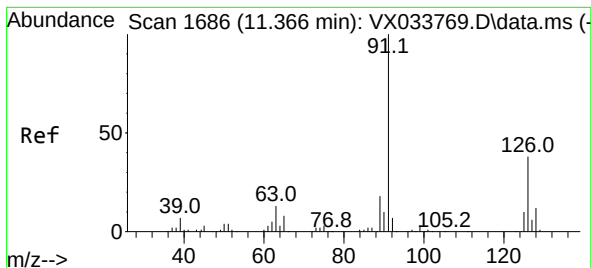
Tgt Ion: 91 Resp: 48287

Ion Ratio Lower Upper

91 100

120 24.0 0.0 48.8





#75

2-Chlorotoluene

Concen: 5.383 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

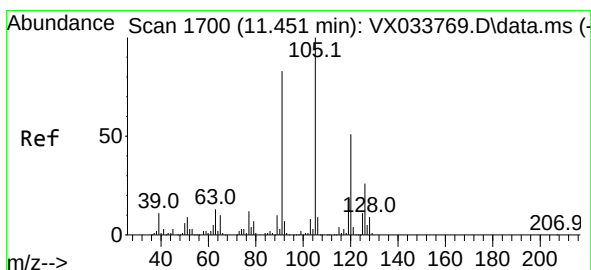
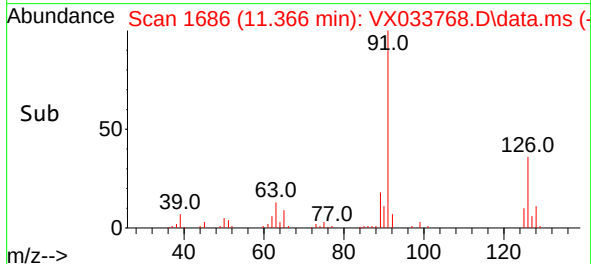
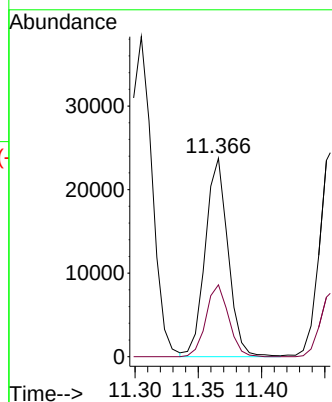
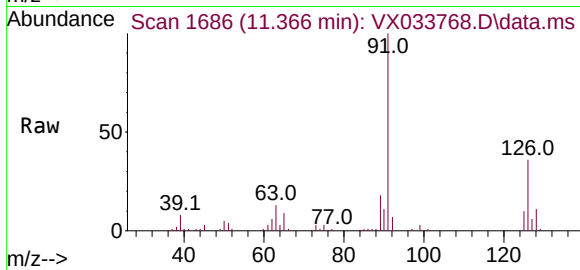
VSTDICC005

Tgt Ion: 91 Resp: 29848

Ion Ratio Lower Upper

91 100

126 35.8 0.0 73.0



#76

1,3,5-Trimethylbenzene

Concen: 5.211 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033768.D

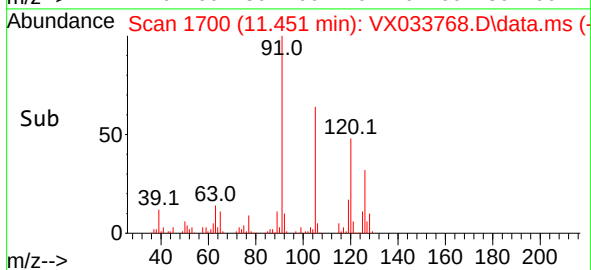
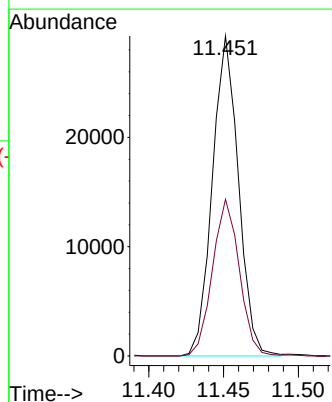
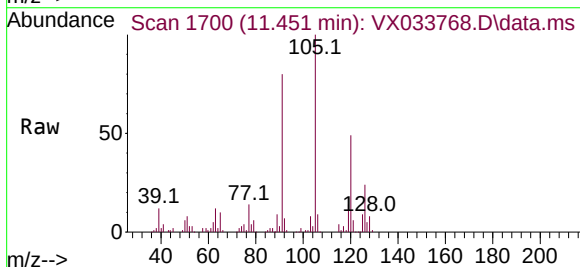
Acq: 18 Jan 2023 12:38

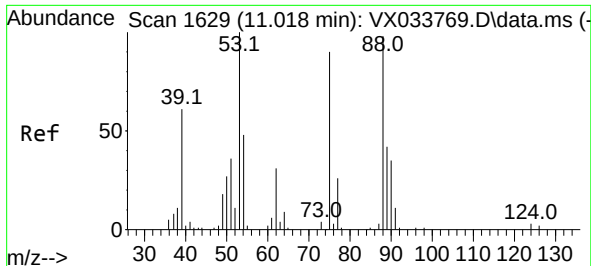
Tgt Ion: 105 Resp: 35466

Ion Ratio Lower Upper

105 100

120 50.6 0.0 102.2

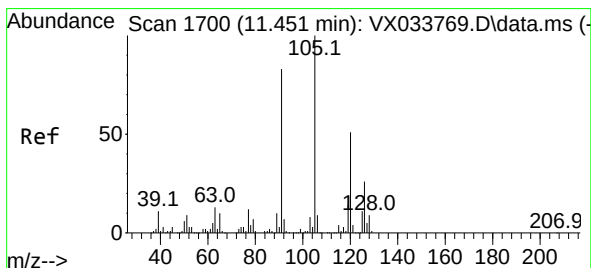
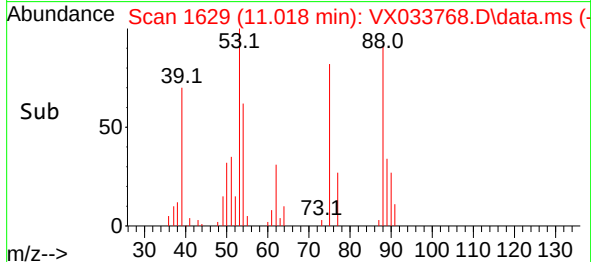
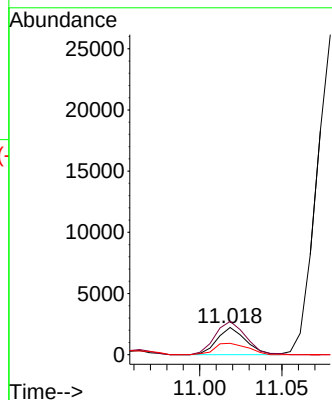
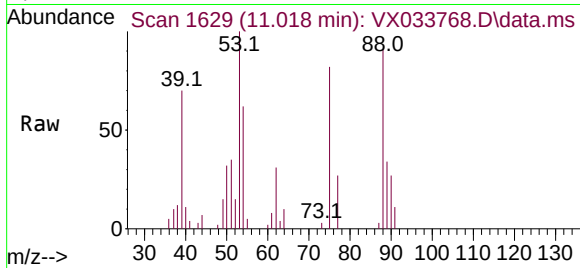




#77
t-1,4-Dichloro-2-butene
Concen: 3.905 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

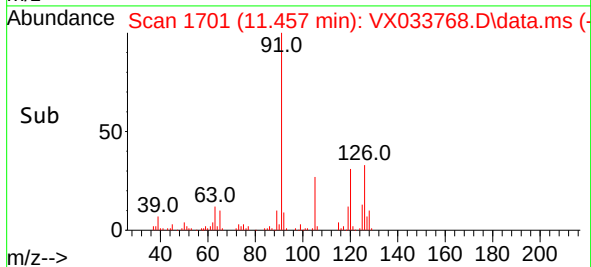
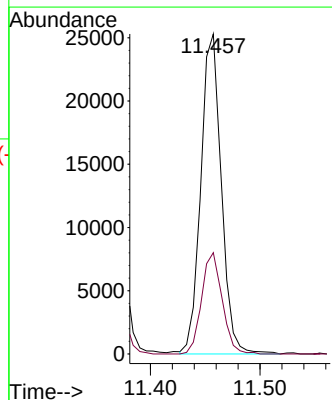
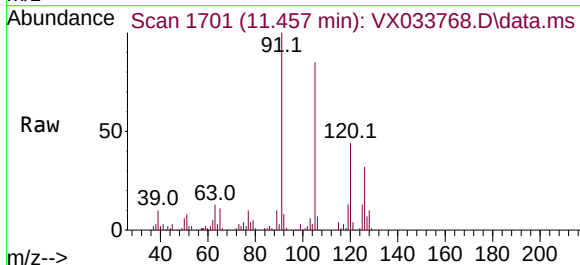
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

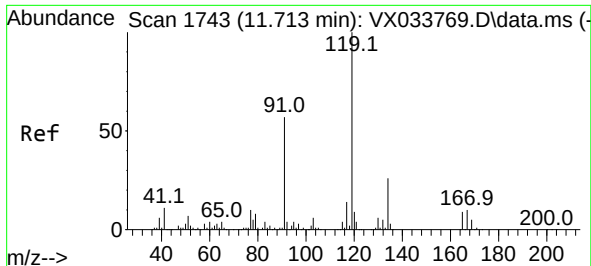
Tgt Ion:	75	Resp:	2690
Ion	Ratio	Lower	Upper
75	100		
53	122.3	55.5	166.3
89	41.4	23.3	69.8



#78
4-Chlorotoluene
Concen: 5.276 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:	91	Resp:	32915
Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	65.2

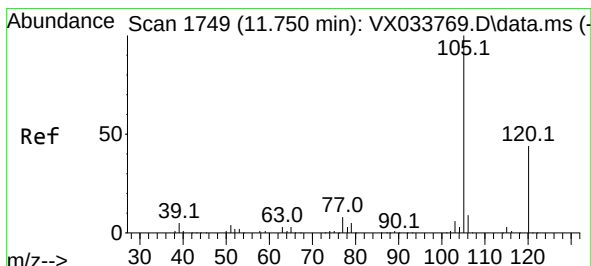
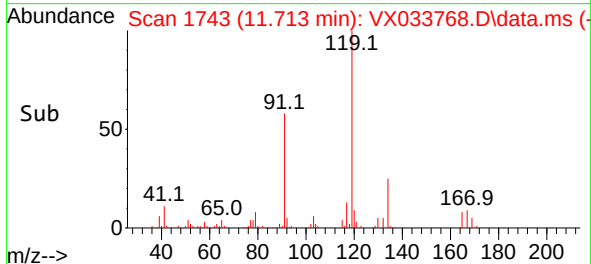
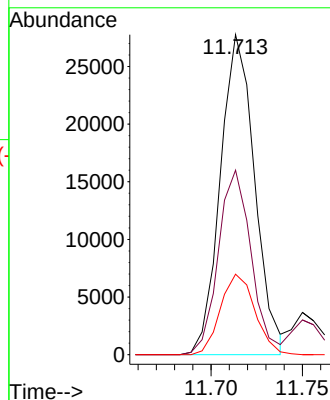
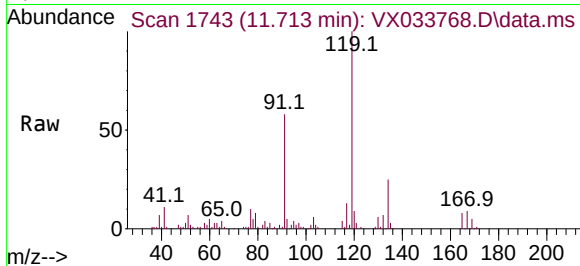




#79
tert-butylbenzene
Concen: 5.221 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

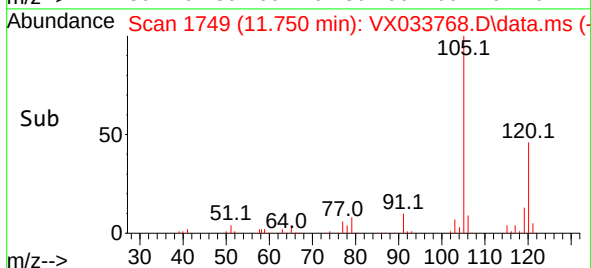
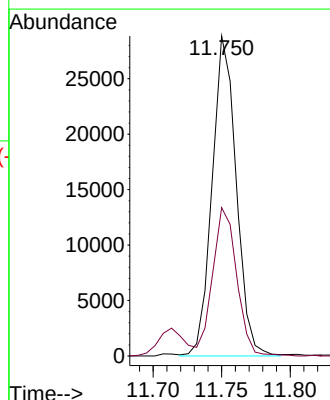
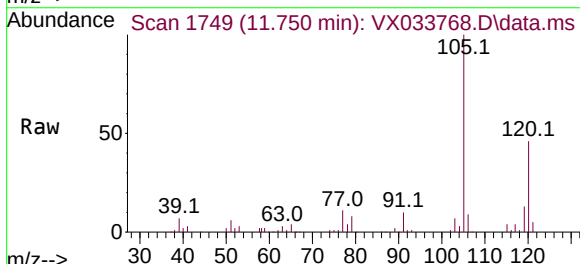
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

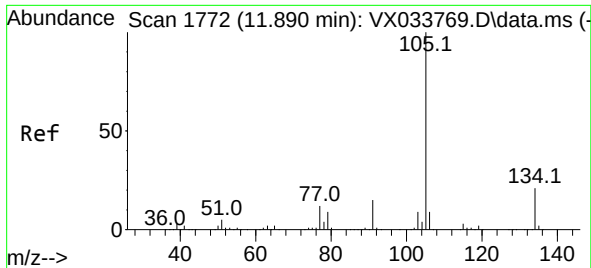
Tgt Ion:119 Resp: 36370
Ion Ratio Lower Upper
119 100
91 55.2 0.0 108.4
134 25.2 0.0 50.0



#80
1,2,4-Trimethylbenzene
Concen: 5.222 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:105 Resp: 35237
Ion Ratio Lower Upper
105 100
120 44.7 0.0 93.4

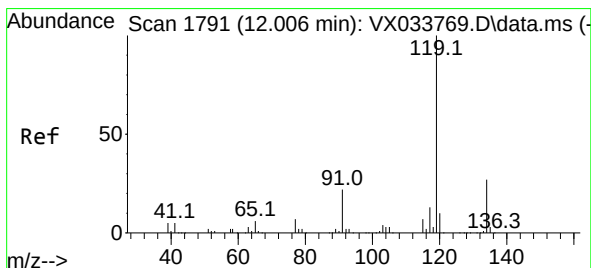
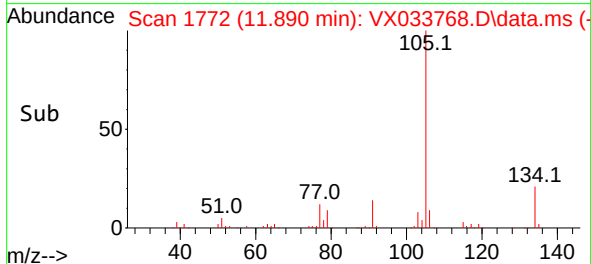
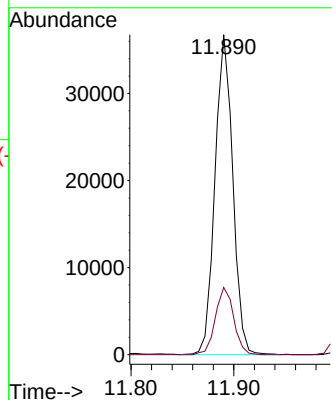
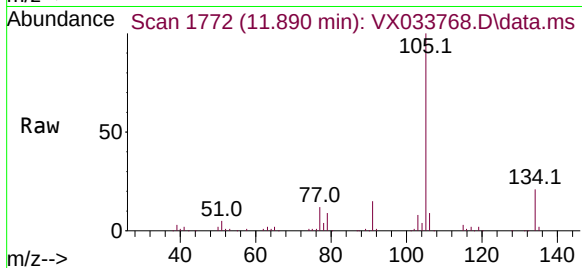




#81
 sec-Butylbenzene
 Concen: 5.205 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

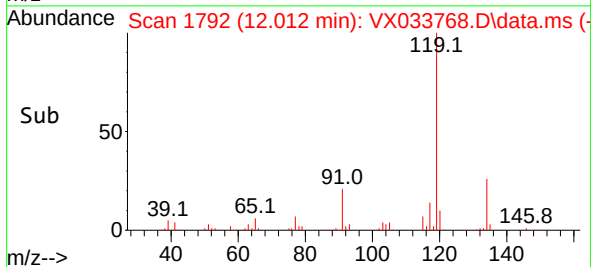
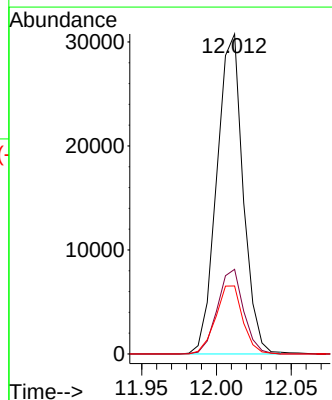
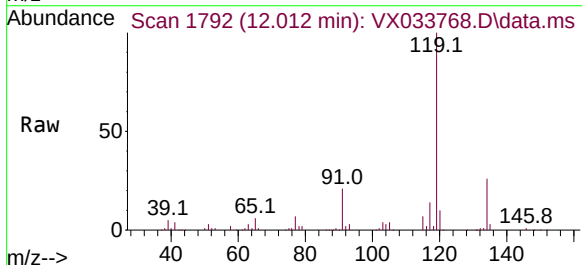
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

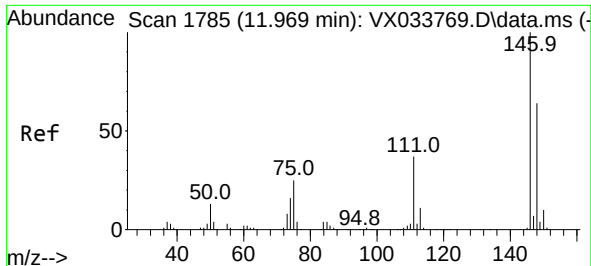
Tgt Ion:105 Resp: 44115
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.8



#82
 p-Isopropyltoluene
 Concen: 5.123 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Tgt Ion:119 Resp: 37616
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 54.2
 91 21.9 0.0 41.8

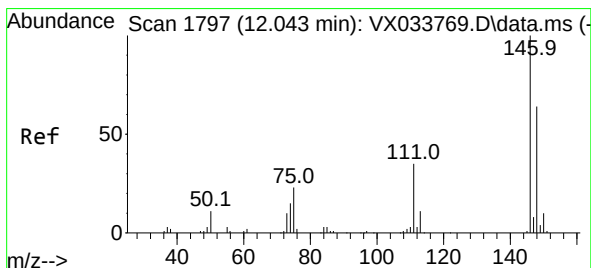
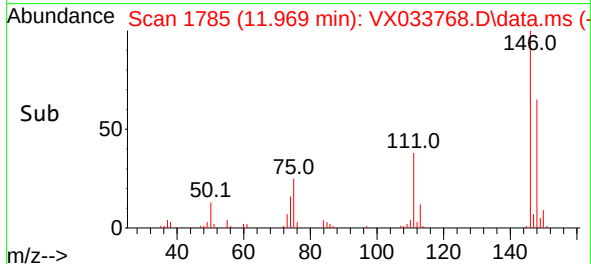
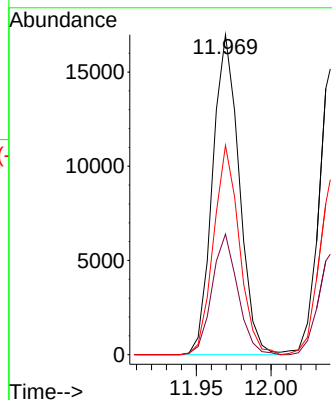
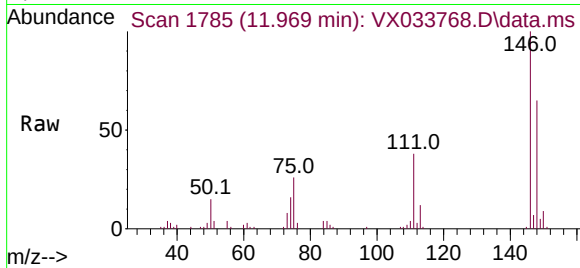




#83
1,3-Dichlorobenzene
Concen: 5.231 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

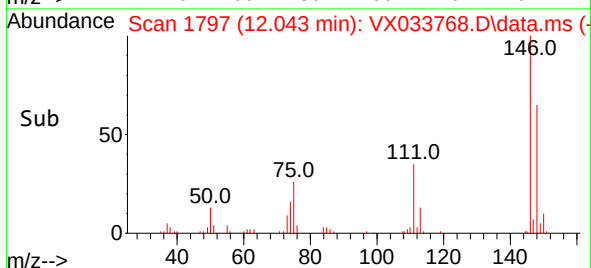
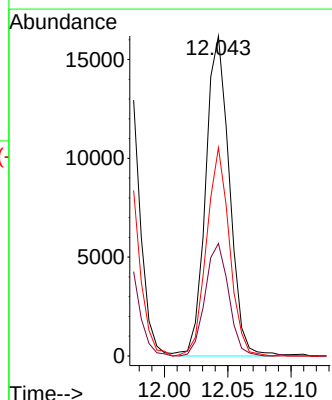
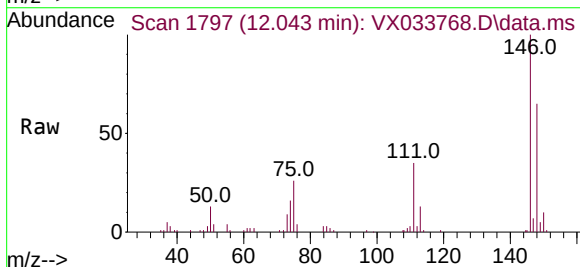
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

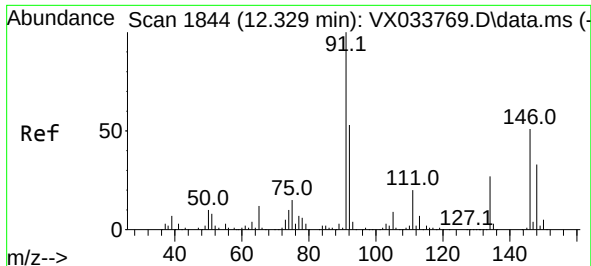
Tgt Ion:146 Resp: 21002
Ion Ratio Lower Upper
146 100
111 36.5 18.4 55.2
148 63.1 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 5.242 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion:146 Resp: 21095
Ion Ratio Lower Upper
146 100
111 34.9 17.8 53.4
148 62.9 32.1 96.5

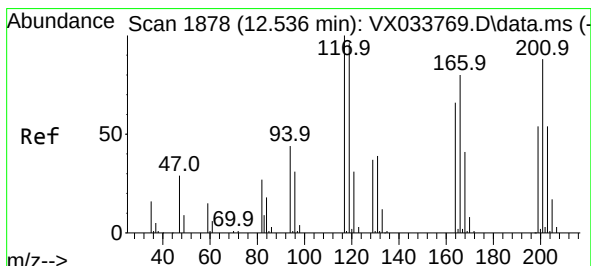
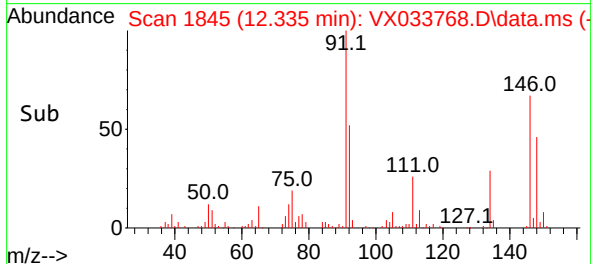
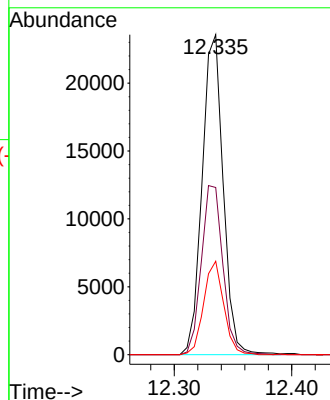
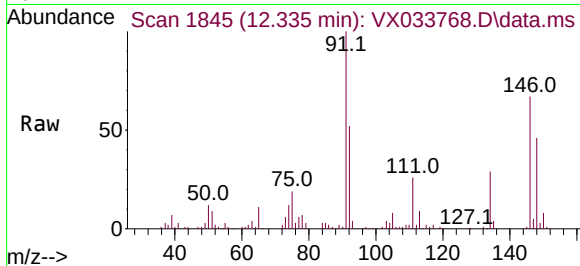




#85
n-Butylbenzene
Concen: 4.911 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

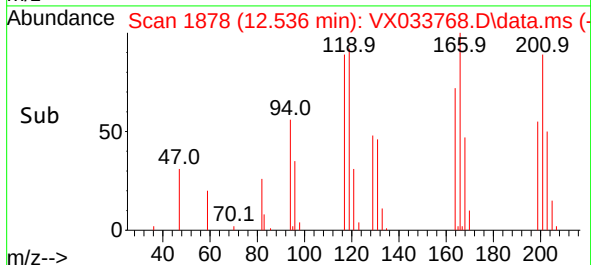
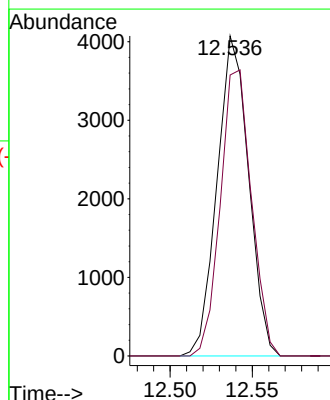
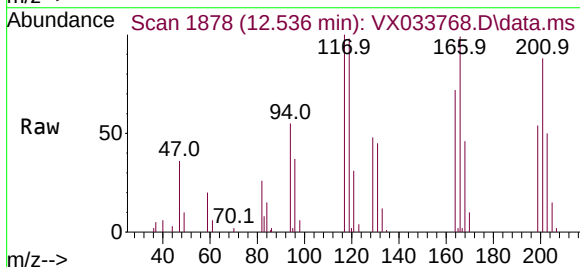
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

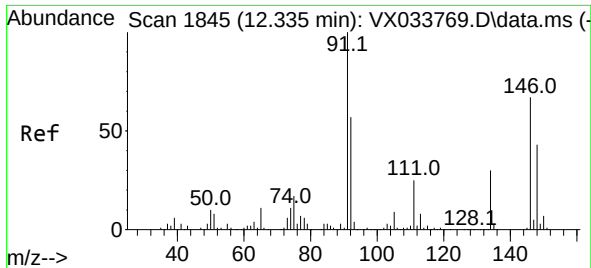
Tgt Ion: 91	Resp: 29329
Ion Ratio	Lower Upper
91	100
92	54.0 0.0 109.0
134	27.8 0.0 57.8



#86
Hexachloroethane
Concen: 4.679 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033768.D
Acq: 18 Jan 2023 12:38

Tgt Ion: 117	Resp: 5430
Ion Ratio	Lower Upper
117	100
201	88.4 46.3 138.8

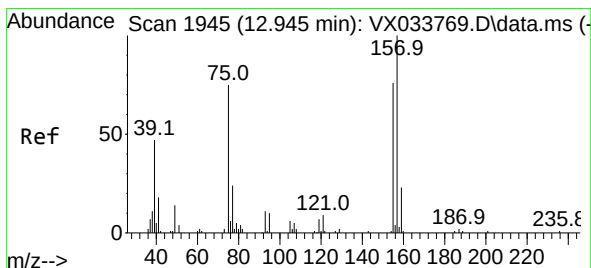
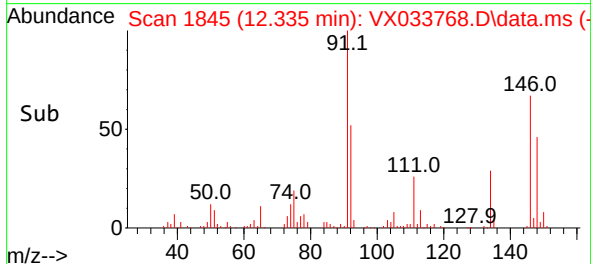
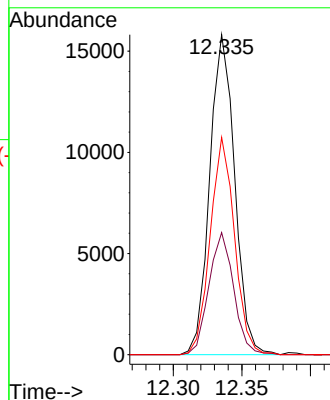
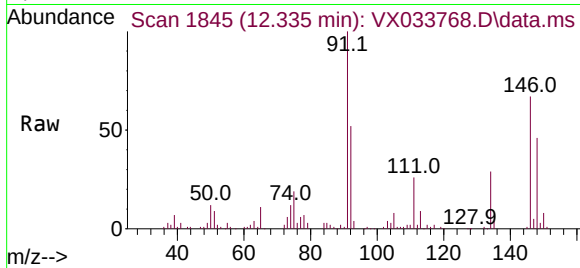




#87
 1,2-Dichlorobenzene
 Concen: 5.178 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

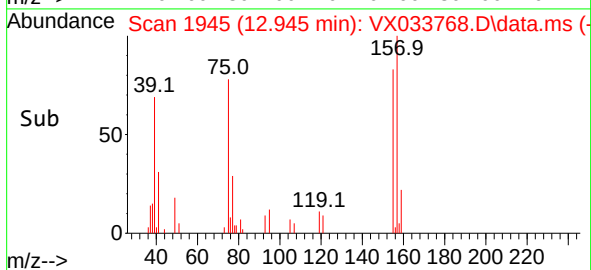
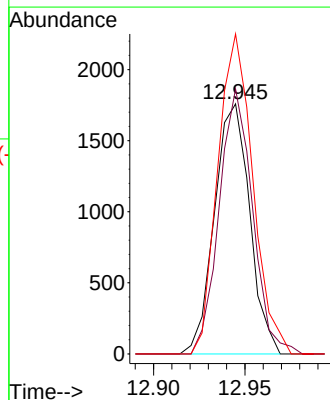
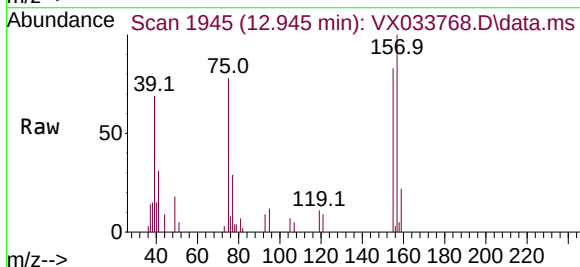
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

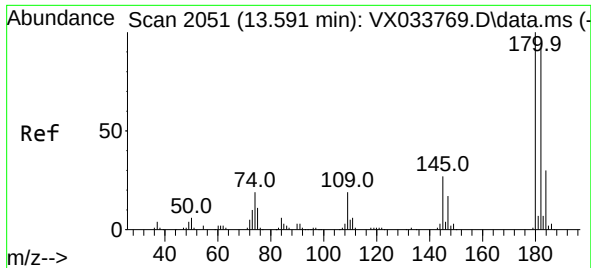
Tgt Ion:146 Resp: 20039
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.8 56.4
 148 66.1 31.7 95.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.685 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX033768.D
 Acq: 18 Jan 2023 12:38

Tgt Ion: 75 Resp: 2359
 Ion Ratio Lower Upper
 75 100
 155 100.3 82.6 124.0
 157 127.2 104.9 157.3





#89

1,2,4-Trichlorobenzene

Concen: 4.778 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

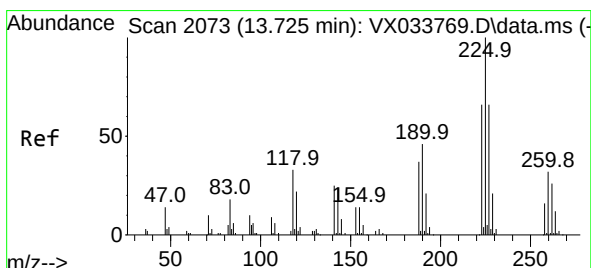
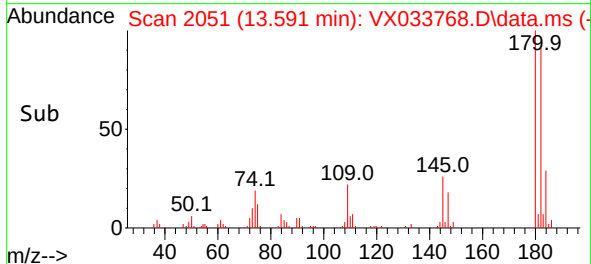
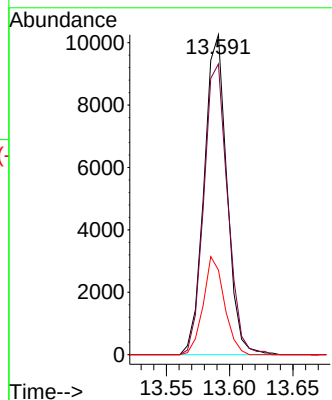
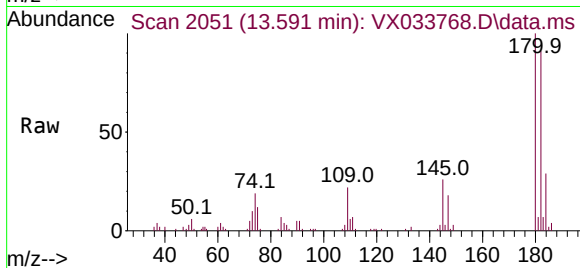
Tgt Ion:180 Resp: 12867

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 28.4 22.9 34.3



#90

Hexachlorobutadiene

Concen: 5.081 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

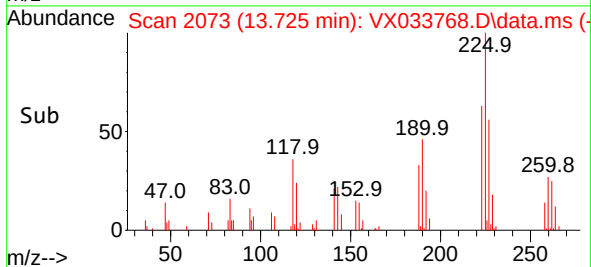
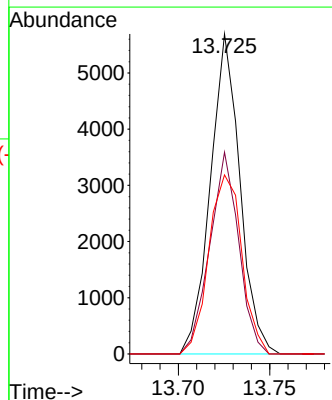
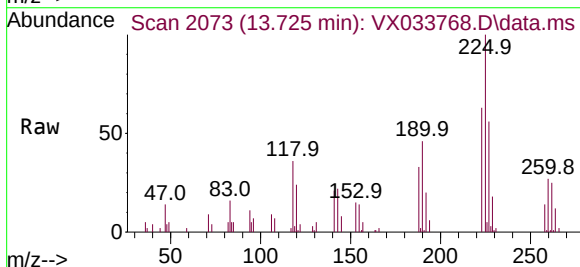
Tgt Ion:225 Resp: 6416

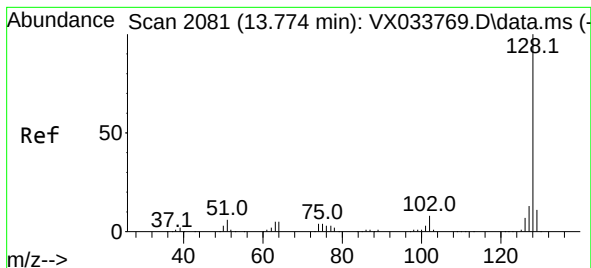
Ion Ratio Lower Upper

225 100

223 61.7 0.0 127.6

227 62.5 0.0 131.2





#91

Naphthalene

Concen: 4.758 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

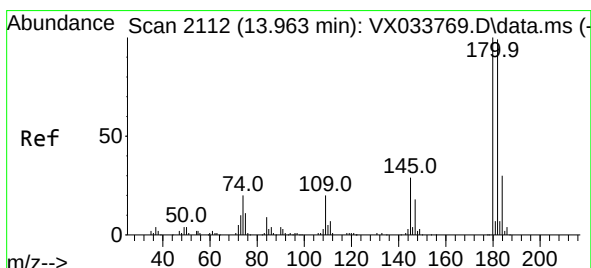
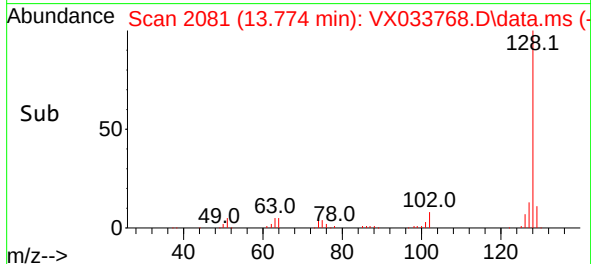
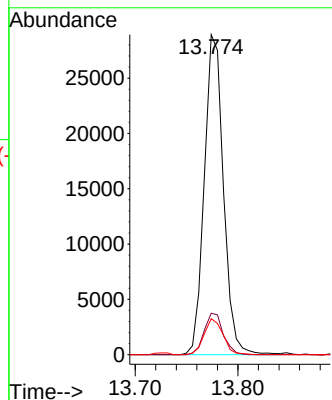
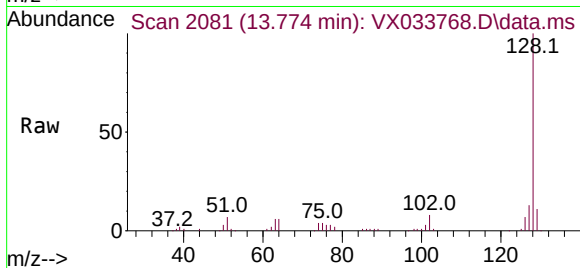
Tgt Ion:128 Resp: 37561

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 4.529 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033768.D

Acq: 18 Jan 2023 12:38

Tgt Ion:180 Resp: 11964

Ion Ratio Lower Upper

180 100

182 96.6 0.0 192.6

145 31.7 0.0 60.4

