

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030188.D
 Acq On : 25 Jul 2022 12:34
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 25 16:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	154933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17866	5.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.200%#
35) Dibromofluoromethane	5.397	113	13641	5.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.680%#
50) Toluene-d8	8.653	98	51122	5.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.420%#
62) 4-Bromofluorobenzene	11.085	95	18257	5.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.080%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11294	4.295	ug/l	92
3) Chloromethane	1.294	50	12753	5.072	ug/l	93
4) Vinyl Chloride	1.374	62	12620	4.973	ug/l	91
5) Bromomethane	1.599	94	5645	4.687	ug/l	91
6) Chloroethane	1.672	64	7090	4.920	ug/l	97
7) Trichlorofluoromethane	1.880	101	16930	5.094	ug/l	99
8) Diethyl Ether	2.142	74	6420	4.936	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	12193	4.953	ug/l	98
10) Methyl Iodide	2.453	142	8754	3.959	ug/l	96
11) Tert butyl alcohol	2.977	59	19782	26.263	ug/l	98
12) 1,1-Dichloroethene	2.319	96	12069	5.009	ug/l	96
13) Acrolein	2.239	56	7568	38.081	ug/l	96
14) Allyl chloride	2.660	41	24330	4.893	ug/l	99
15) Acrylonitrile	3.069	53	48579	25.875	ug/l	99
16) Acetone	2.386	43	40583	25.412	ug/l	91
17) Carbon Disulfide	2.508	76	31610	4.867	ug/l	98
18) Methyl Acetate	2.715	43	25171	5.382	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	40764	4.929	ug/l	98
20) Methylene Chloride	2.788	84	17977	4.882	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	13887	5.252	ug/l	89
22) Diisopropyl ether	3.770	45	46230	4.910	ug/l	97
23) Vinyl Acetate	3.727	43	196548	23.998	ug/l	98
24) 1,1-Dichloroethane	3.611	63	25553	5.111	ug/l	99
25) 2-Butanone	4.568	43	66487	24.850	ug/l	94
26) 2,2-Dichloropropane	4.483	77	17464	4.911	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	16029	5.123	ug/l	95
28) Bromochloromethane	4.904	49	10027	4.641	ug/l	95
29) Tetrahydrofuran	5.019	42	45015	25.061	ug/l	95
30) Chloroform	5.111	83	25352	5.130	ug/l	92
31) Cyclohexane	5.471	56	22329	4.966	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	20268	5.041	ug/l	99
36) 1,1-Dichloropropene	5.696	75	17672	4.905	ug/l	98
37) Ethyl Acetate	4.733	43	23911	4.721	ug/l	98
38) Carbon Tetrachloride	5.678	117	16623	4.951	ug/l	93
39) Methylcyclohexane	7.385	83	22188	4.860	ug/l	94
40) Benzene	6.044	78	57680	5.121	ug/l	99

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 25 16:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	13881	5.088	ug/l	96
42) 1,2-Dichloroethane	6.092	62	19363	4.964	ug/l	97
43) Isopropyl Acetate	6.355	43	37444	5.032	ug/l	97
44) Trichloroethene	7.135	130	15628	5.071	ug/l	92
45) 1,2-Dichloropropane	7.440	63	15052	5.002	ug/l	92
46) Dibromomethane	7.586	93	9897	4.850	ug/l	98
47) Bromodichloromethane	7.824	83	17803	4.784	ug/l	91
48) Methyl methacrylate	7.702	41	17597	4.797	ug/l	95
49) 1,4-Dioxane	7.677	88	9095	107.934	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	124016	24.491	ug/l	97
52) Toluene	8.720	92	34010	4.947	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	18246	4.576	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	21016	4.819	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	14683	5.034	ug/l	96
56) Ethyl methacrylate	9.122	69	22897	4.947	ug/l	97
57) 1,3-Dichloropropane	9.311	76	24082	4.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	53688	22.717	ug/l	98
59) 2-Hexanone	9.433	43	97244	24.446	ug/l	95
60) Dibromochloromethane	9.525	129	12929	4.778	ug/l	99
61) 1,2-Dibromoethane	9.616	107	15416	5.050	ug/l	97
64) Tetrachloroethene	9.275	164	15130	5.163	ug/l	93
65) Chlorobenzene	10.079	112	37108	5.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	11879	4.751	ug/l	93
67) Ethyl Benzene	10.195	91	63928	4.457	ug/l	100
68) m/p-Xylenes	10.305	106	48727	9.857	ug/l	98
69) o-Xylene	10.646	106	24504	5.031	ug/l	94
70) Styrene	10.659	104	39276	4.913	ug/l	97
71) Bromoform	10.805	173	8878	4.845	ug/l #	99
73) Isopropylbenzene	10.963	105	62036	5.151	ug/l	98
74) N-amyl acetate	10.848	43	28240	4.840	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23063	5.252	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	25847	5.965	ug/l	89
77) Bromobenzene	11.201	156	14716	5.207	ug/l	97
78) n-propylbenzene	11.305	91	72250	5.047	ug/l	98
79) 2-Chlorotoluene	11.366	91	44002	4.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	51366	5.112	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	6408	4.745	ug/l	86
82) 4-Chlorotoluene	11.457	91	50275	5.094	ug/l	97
83) tert-Butylbenzene	11.719	119	47605	5.103	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	50505	5.019	ug/l	98
85) sec-Butylbenzene	11.890	105	63402	4.952	ug/l	98
86) p-Isopropyltoluene	12.012	119	50275	4.913	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	27455	5.011	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	28713	5.214	ug/l	95
89) n-Butylbenzene	12.335	91	44884	4.722	ug/l	99
90) Hexachloroethane	12.542	117	8144	4.622	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	27811	5.164	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5362	4.989	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	15383	4.931	ug/l	95
94) Hexachlorobutadiene	13.731	225	6137	4.947	ug/l	98
95) Naphthalene	13.780	128	59481	4.840	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	16135	5.005	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

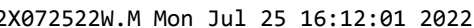
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

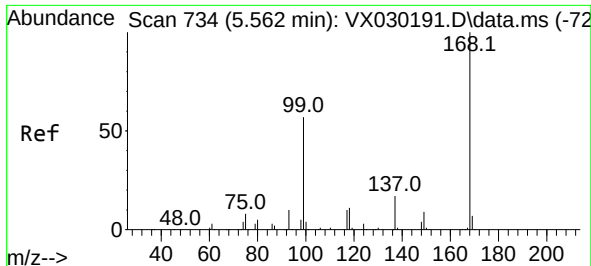
Quant Time: Jul 25 16:11:50 2022
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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:09:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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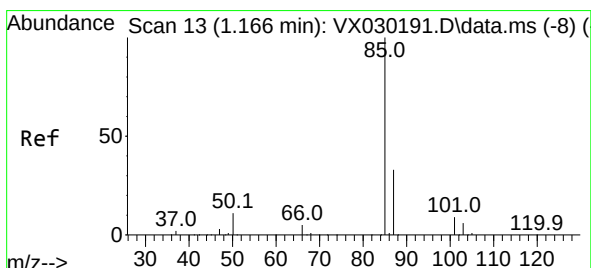
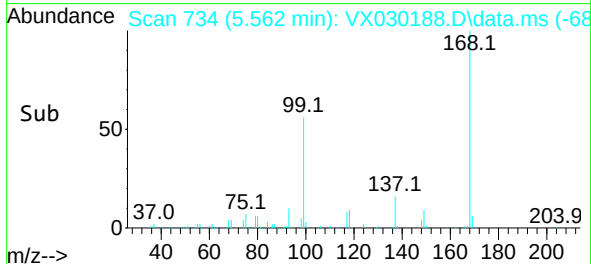
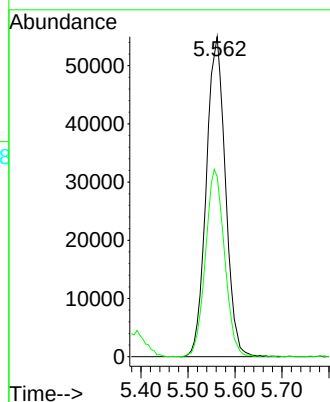
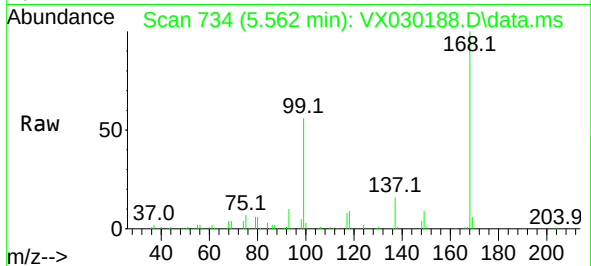




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030188.D
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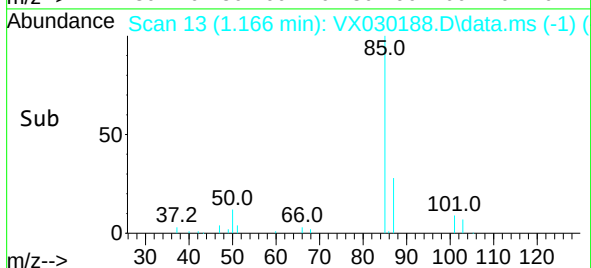
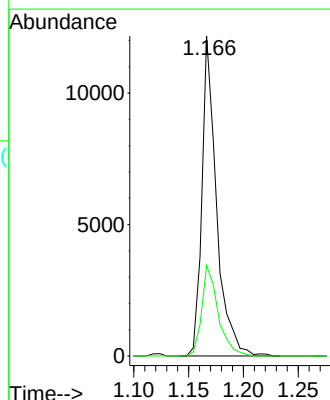
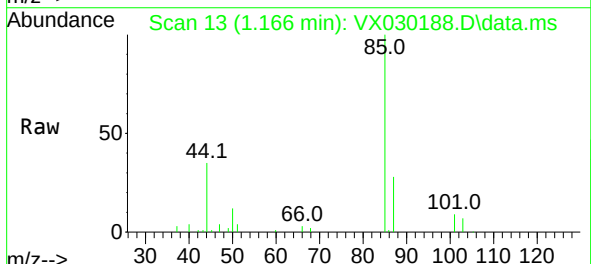
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

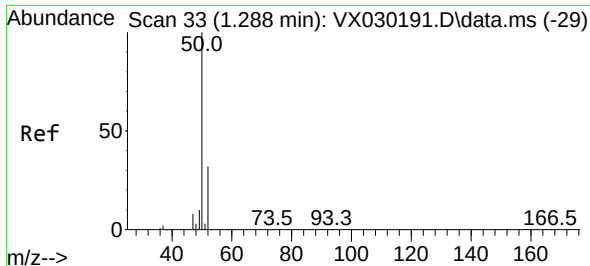
Tgt Ion:168 Resp: 154933
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 4.295 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 85 Resp: 11294
Ion Ratio Lower Upper
85 100
87 28.3 16.5 49.5

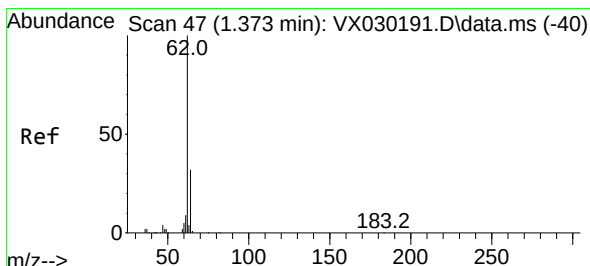
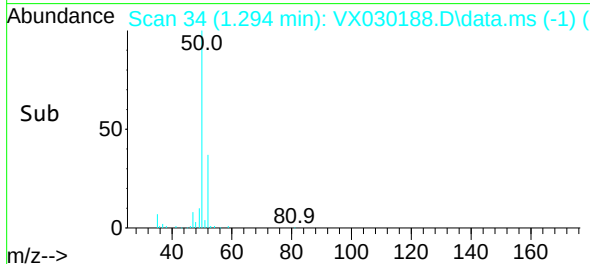
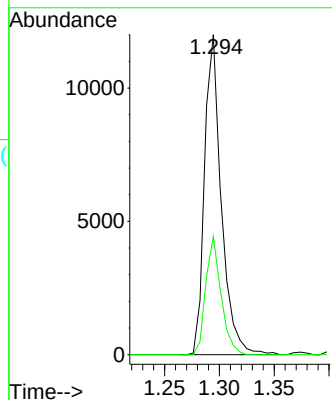
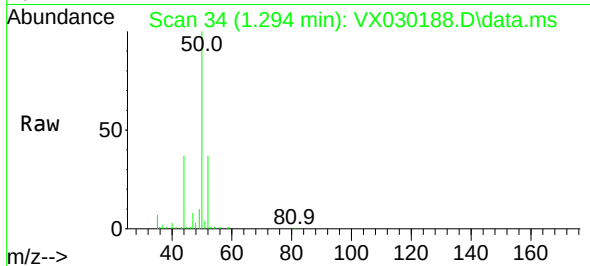




#3
Chloromethane
Concen: 5.072 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

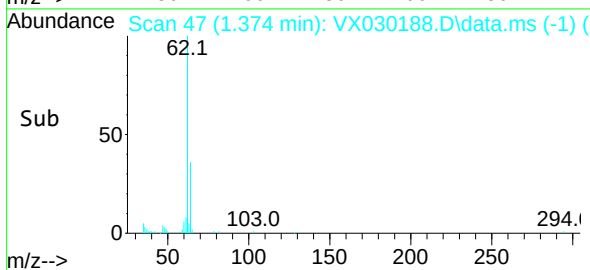
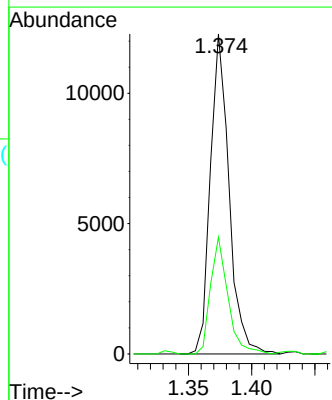
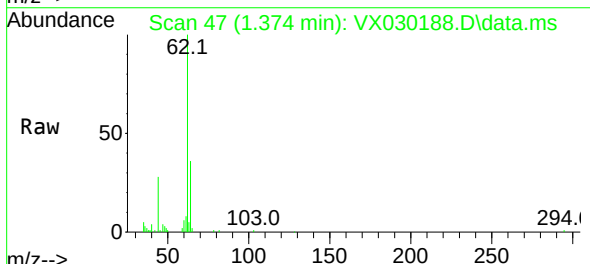
Instrument :
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VSTDIC005

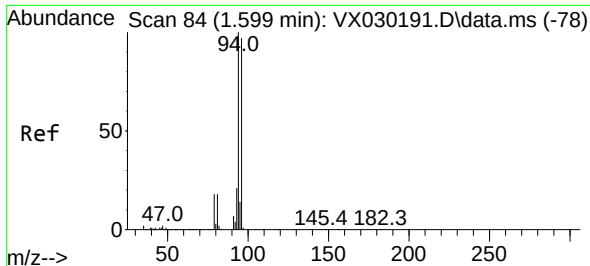
Tgt Ion: 50 Resp: 12753
Ion Ratio Lower Upper
50 100
52 37.0 26.3 39.5



#4
Vinyl Chloride
Concen: 4.973 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 62 Resp: 12620
Ion Ratio Lower Upper
62 100
64 36.5 25.2 37.8

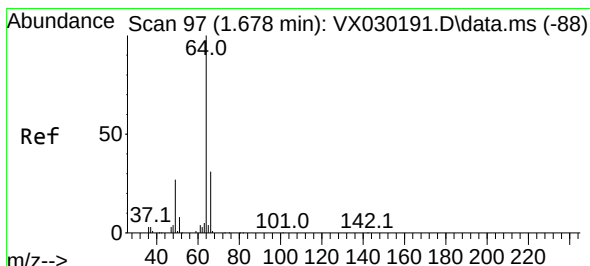
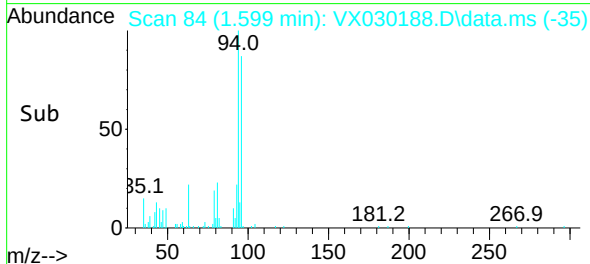
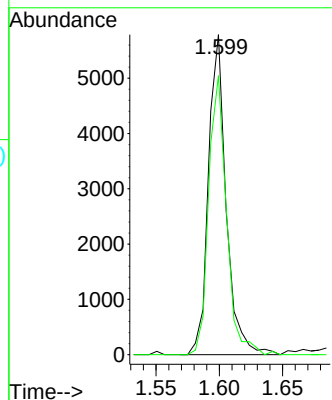
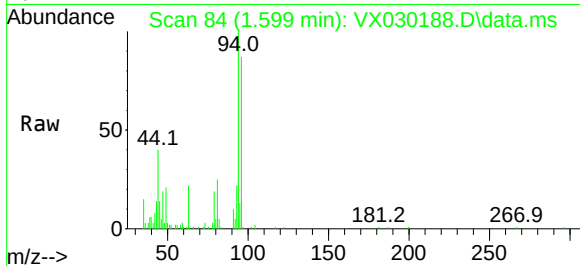




#5
Bromomethane
Concen: 4.687 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

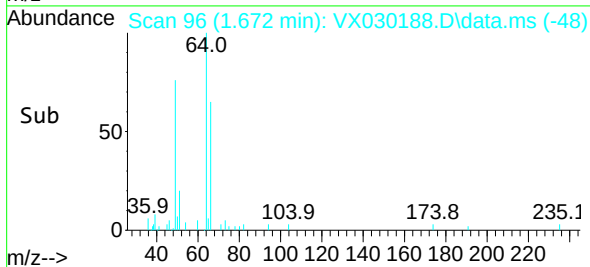
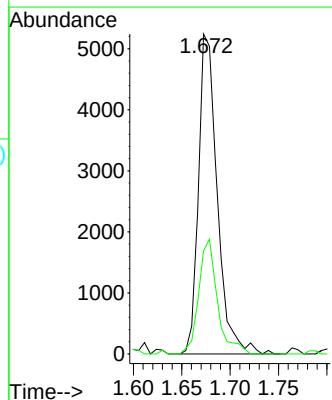
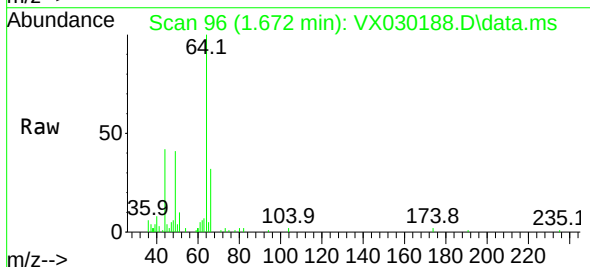
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ClientSampleId :
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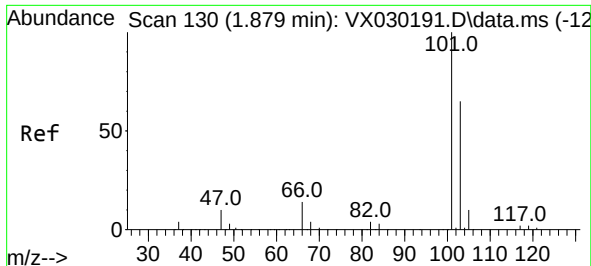
Tgt Ion: 94 Resp: 5645
Ion Ratio Lower Upper
94 100
96 87.2 76.9 115.3



#6
Chloroethane
Concen: 4.920 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 64 Resp: 7090
Ion Ratio Lower Upper
64 100
66 32.2 27.2 40.8

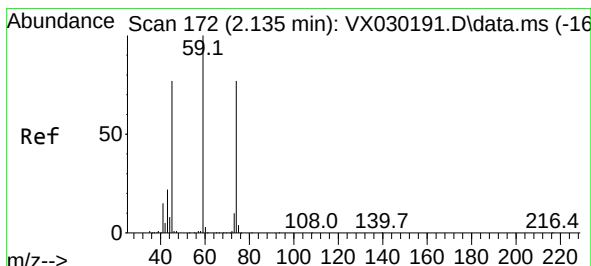
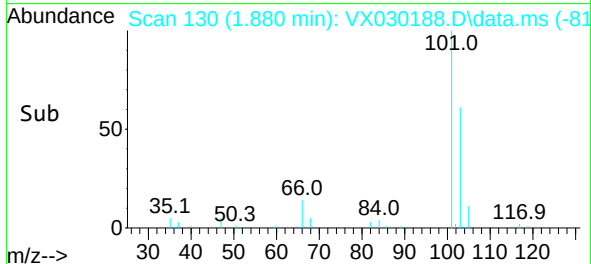
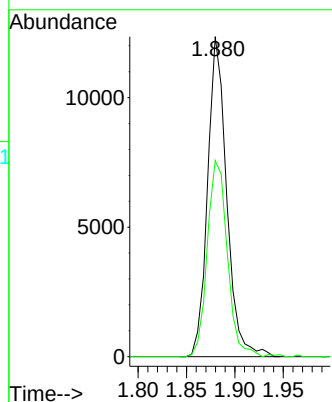
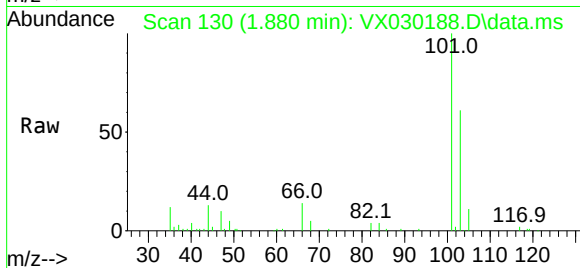




#7
Trichlorofluoromethane
Concen: 5.094 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

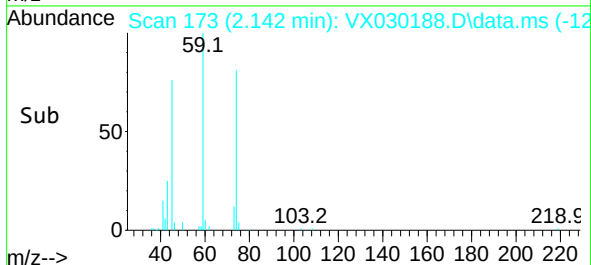
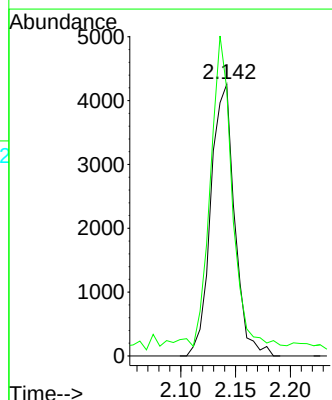
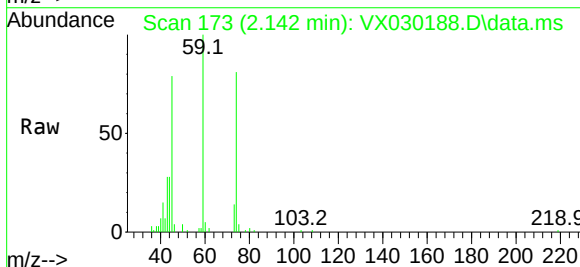
Instrument :
MSVOA_X
ClientSampleId :
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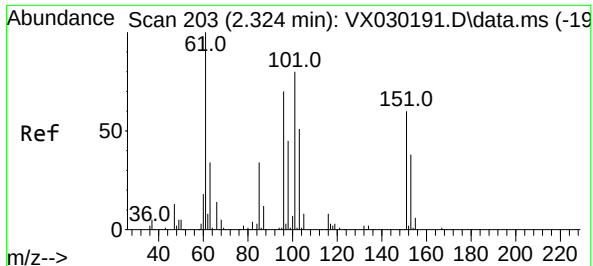
Tgt Ion:101 Resp: 16930
Ion Ratio Lower Upper
101 100
103 61.3 49.7 74.5



#8
Diethyl Ether
Concen: 4.936 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 74 Resp: 6420
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.7

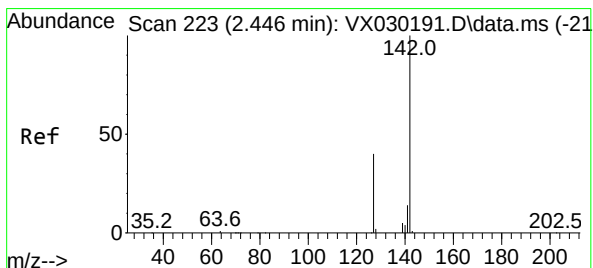
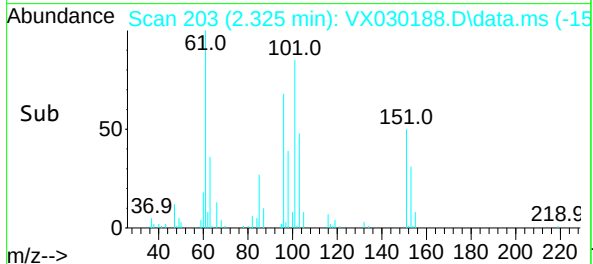
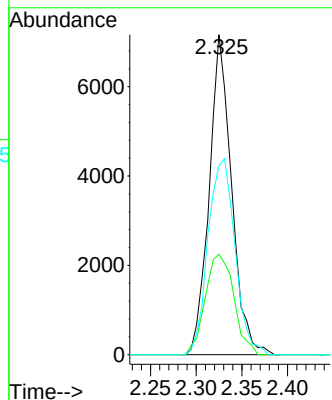
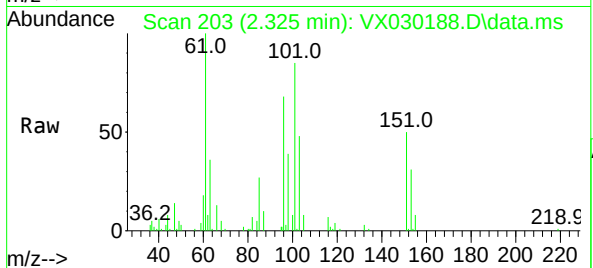




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.953 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX030188.D
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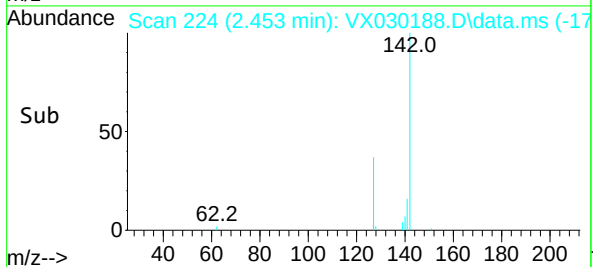
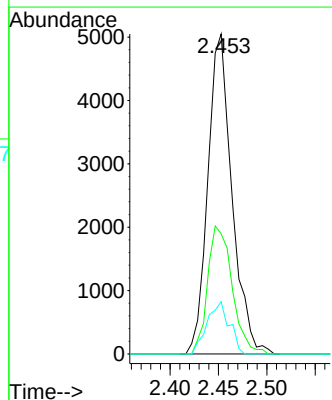
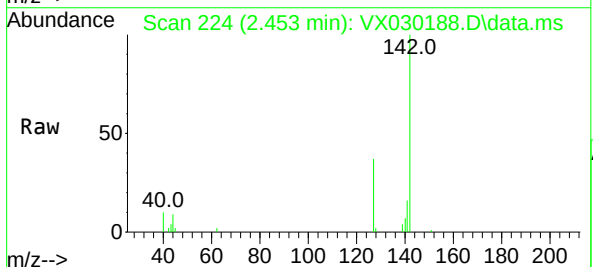
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

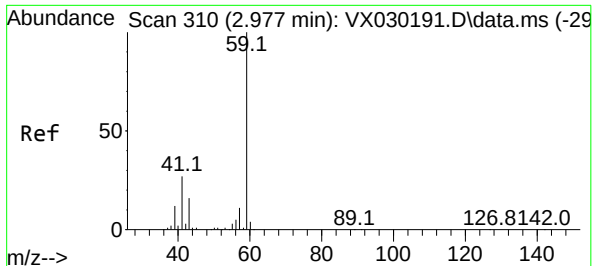
Tgt Ion:101 Resp: 12193
Ion Ratio Lower Upper
101 100
85 39.9 34.0 51.0
151 73.9 59.4 89.0



#10
Methyl Iodide
Concen: 3.959 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:142 Resp: 8754
Ion Ratio Lower Upper
142 100
127 40.6 30.2 45.2
141 15.1 11.3 16.9

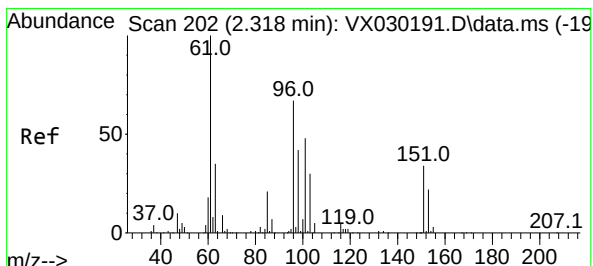
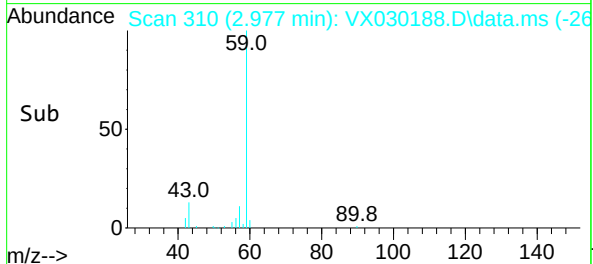
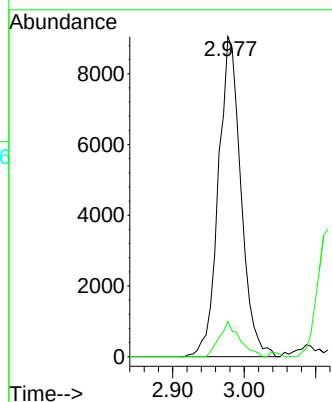
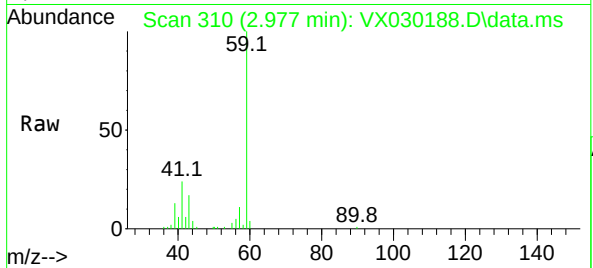




#11
Tert butyl alcohol
Concen: 26.263 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

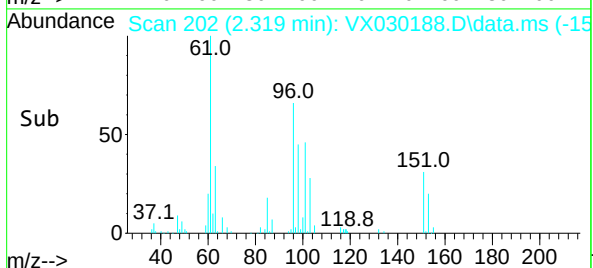
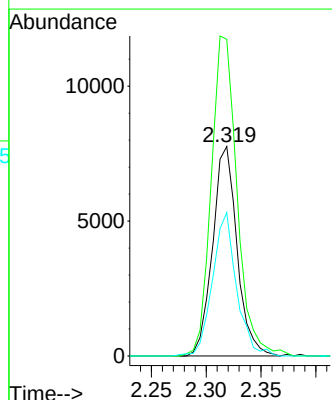
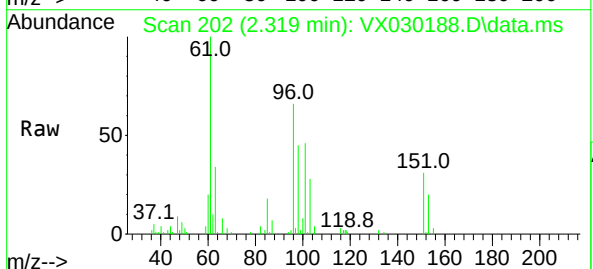
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

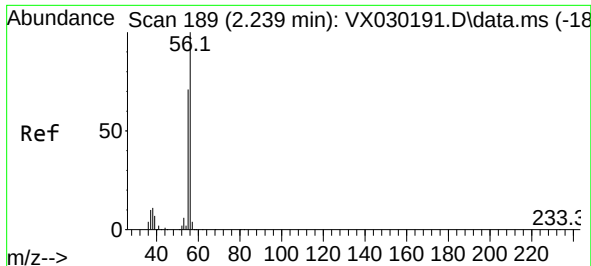
Tgt Ion: 59 Resp: 19782
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 5.009 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 96 Resp: 12069
Ion Ratio Lower Upper
96 100
61 151.2 117.4 176.0
98 68.5 52.2 78.4





#13

Acrolein

Concen: 38.081 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

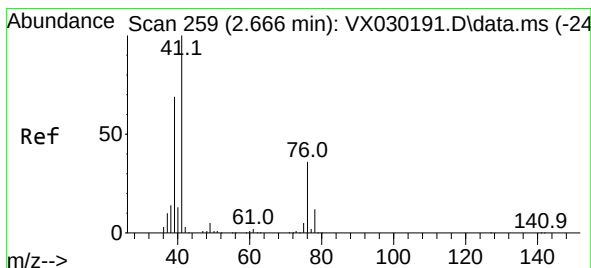
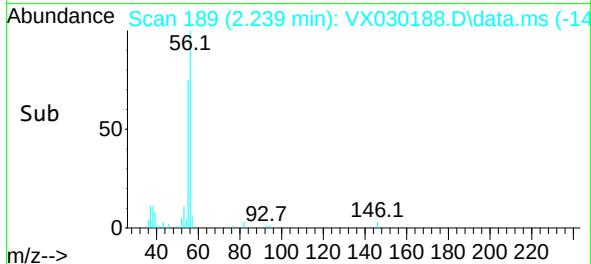
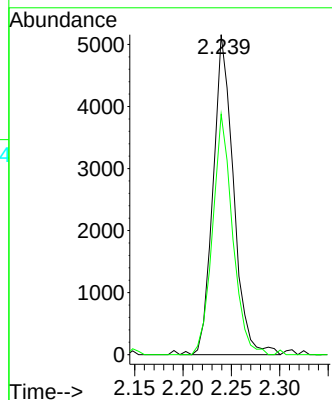
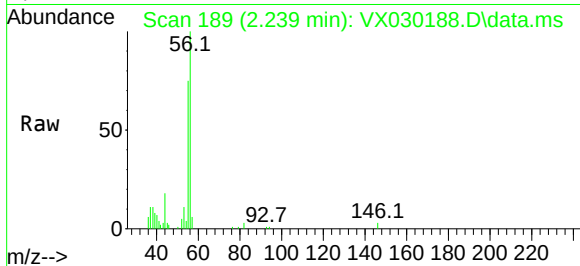
VSTDICC005

Tgt Ion: 56 Resp: 7568

Ion Ratio Lower Upper

56 100

55 73.6 56.6 84.8



#14

Allyl chloride

Concen: 4.893 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

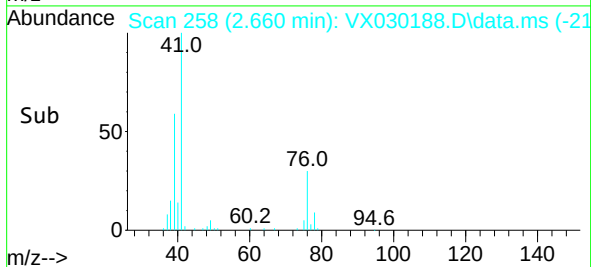
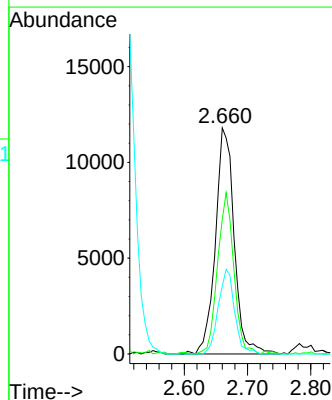
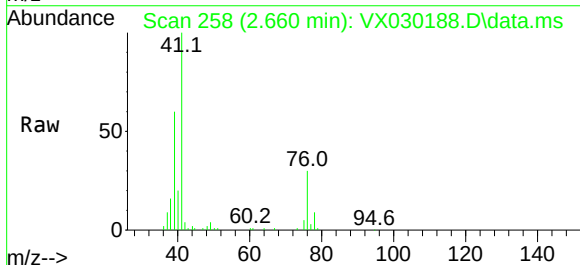
Tgt Ion: 41 Resp: 24330

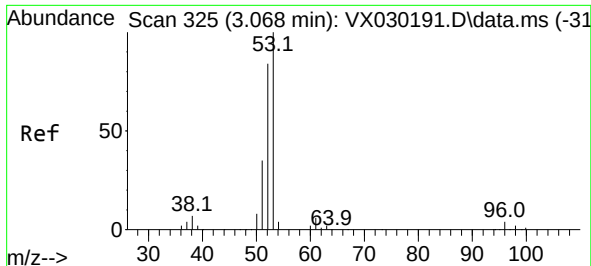
Ion Ratio Lower Upper

41 100

39 61.4 48.9 73.3

76 32.2 26.9 40.3





#15

Acrylonitrile

Concen: 25.875 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

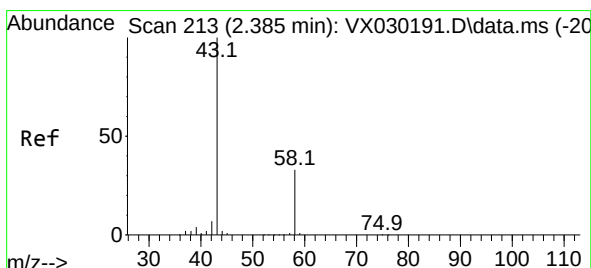
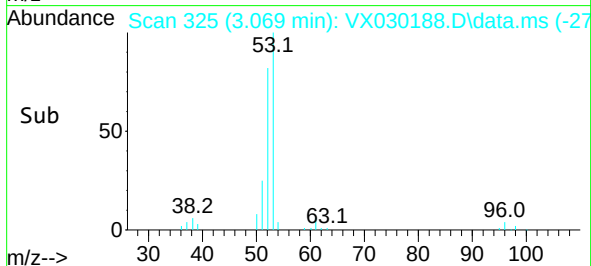
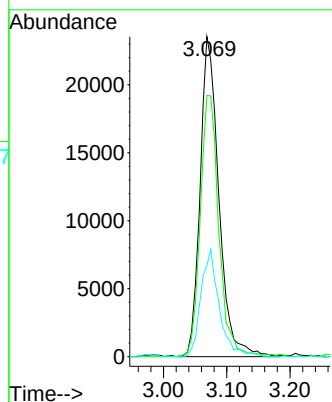
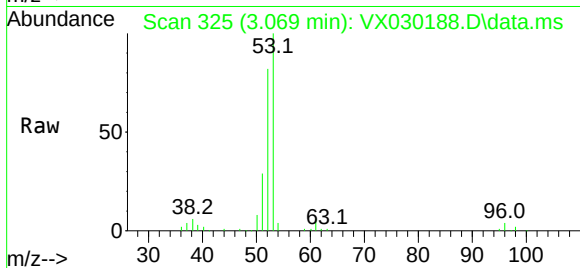
Tgt Ion: 53 Resp: 48579

Ion Ratio Lower Upper

53 100

52 80.9 65.4 98.0

51 32.9 27.7 41.5



#16

Acetone

Concen: 25.412 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX030188.D

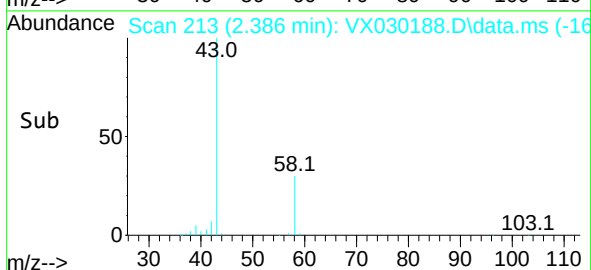
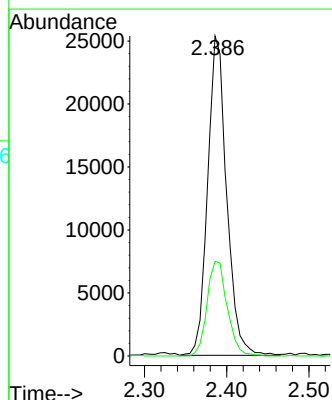
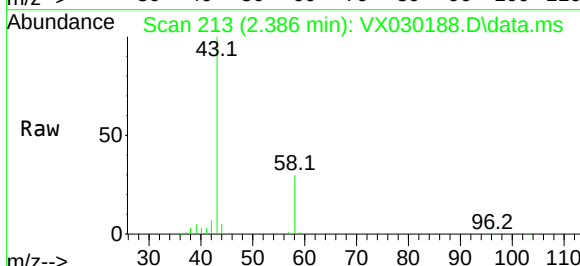
Acq: 25 Jul 2022 12:34

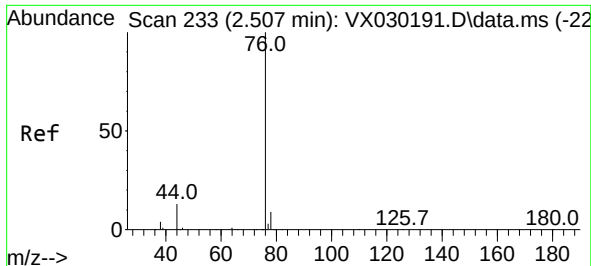
Tgt Ion: 43 Resp: 40583

Ion Ratio Lower Upper

43 100

58 29.6 27.7 41.5

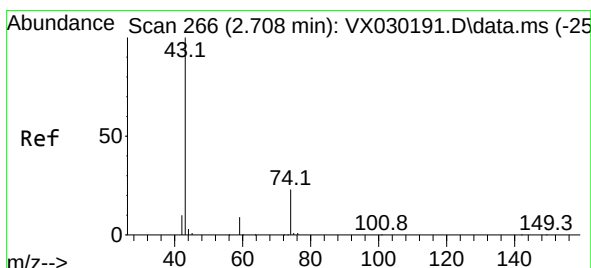
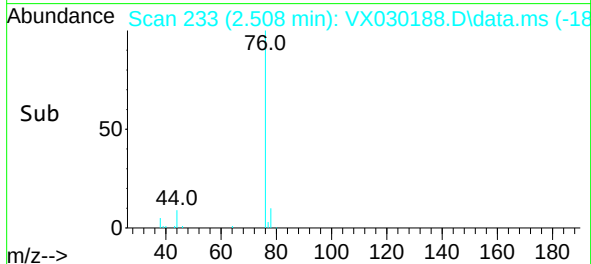
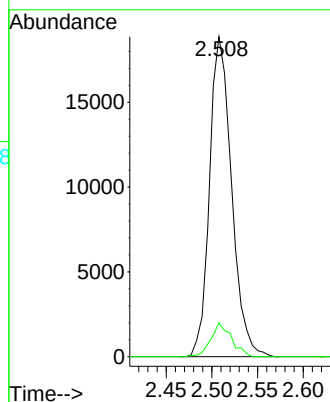
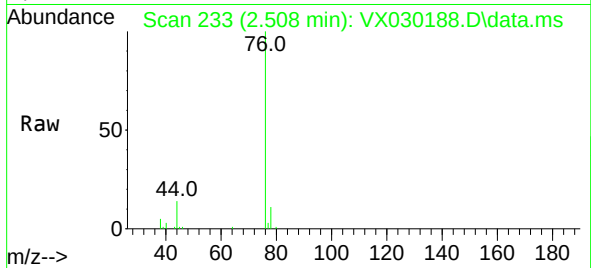




#17
Carbon Disulfide
Concen: 4.867 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

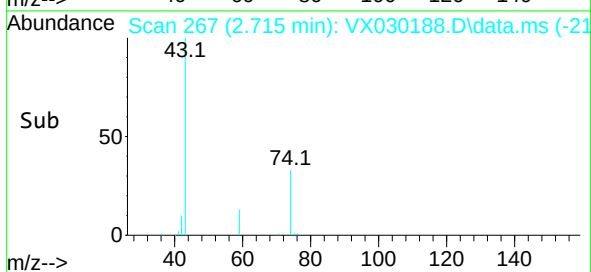
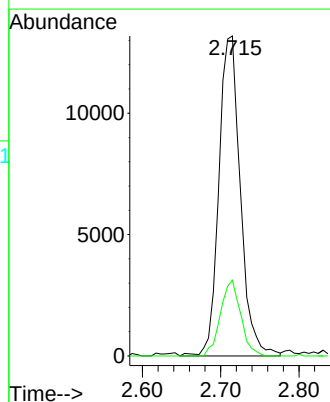
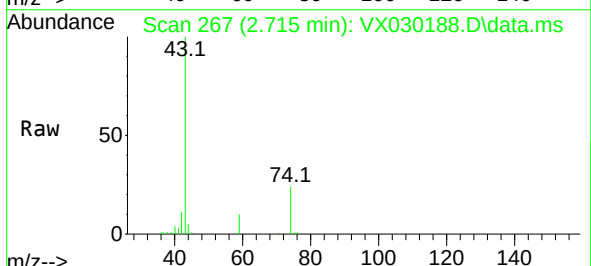
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

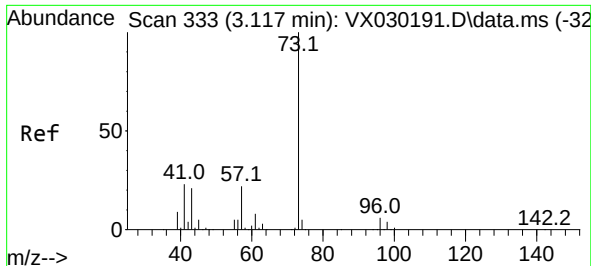
Tgt Ion: 76 Resp: 31610
Ion Ratio Lower Upper
76 100
78 10.6 7.8 11.6



#18
Methyl Acetate
Concen: 5.382 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 43 Resp: 25171
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 4.929 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

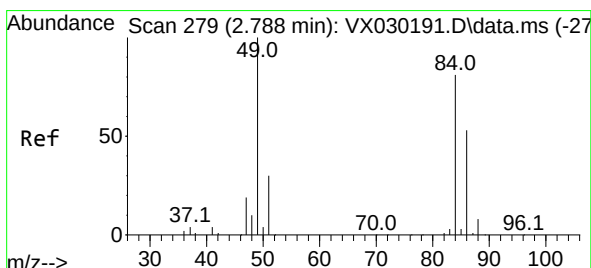
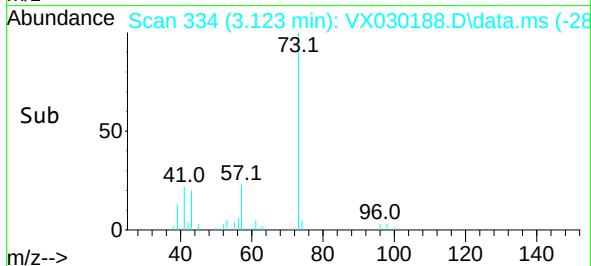
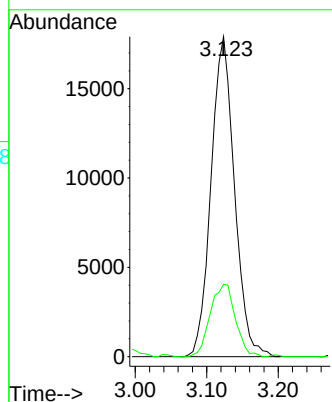
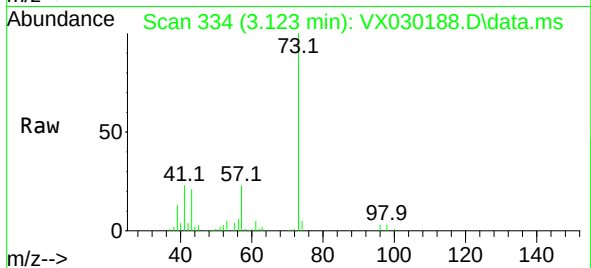
VSTDICC005

Tgt Ion: 73 Resp: 40764

Ion Ratio Lower Upper

73 100

57 22.6 19.0 28.6



#20

Methylene Chloride

Concen: 4.882 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Tgt Ion: 84 Resp: 17977

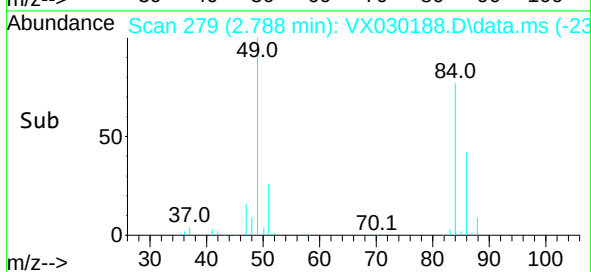
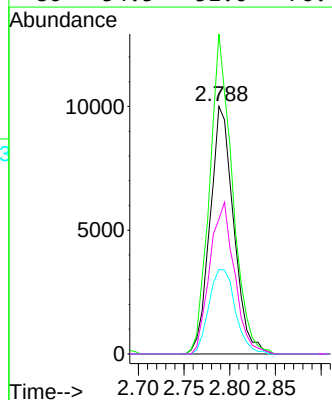
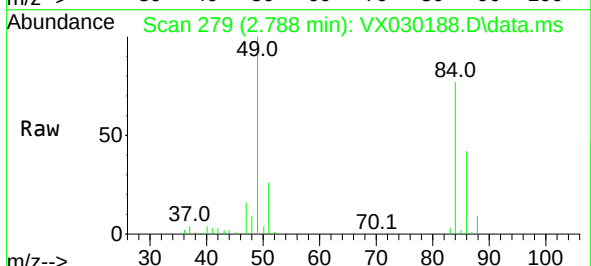
Ion Ratio Lower Upper

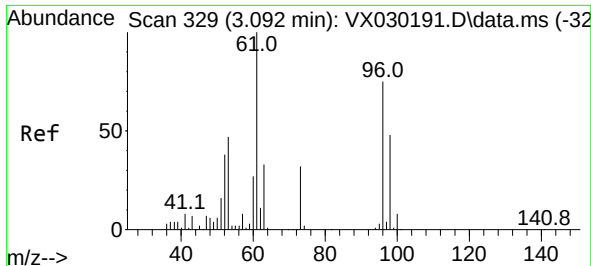
84 100

49 129.3 93.8 140.6

51 34.1 29.4 44.0

86 54.5 51.0 76.4

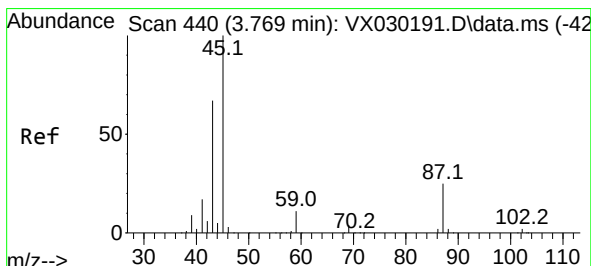
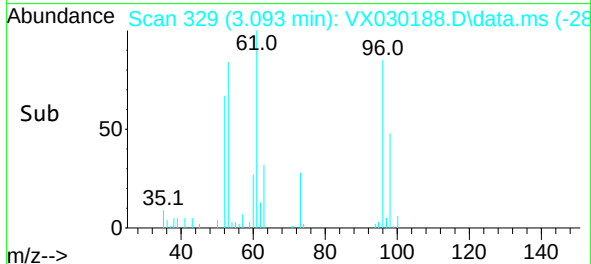
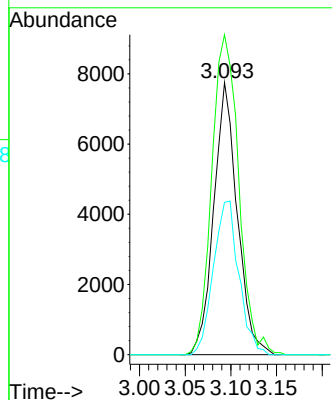
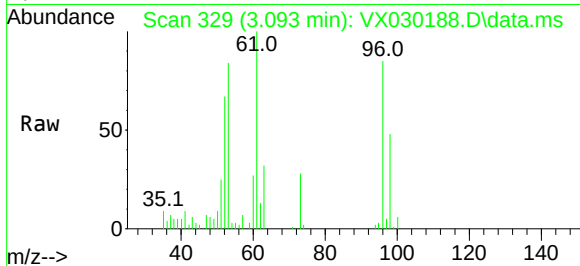




#21
trans-1,2-Dichloroethene
Concen: 5.252 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

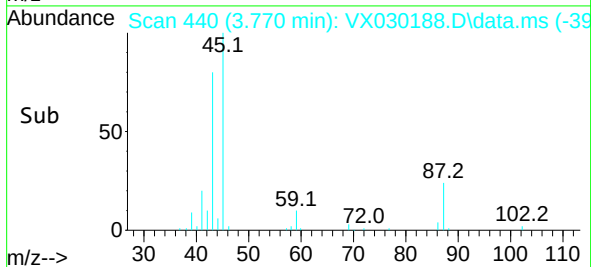
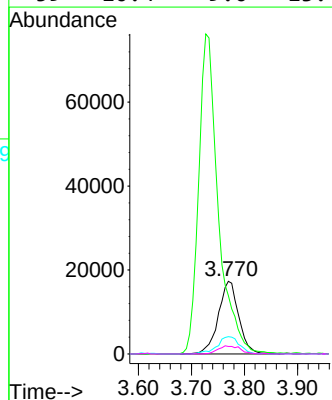
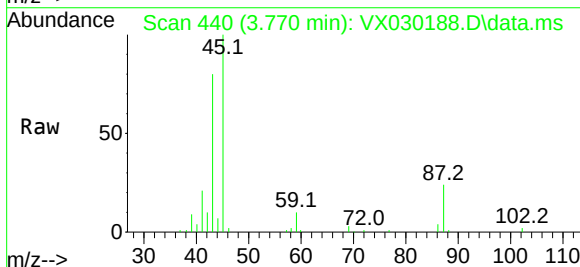
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

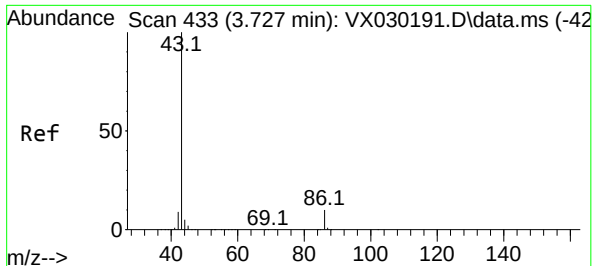
Tgt Ion: 96 Resp: 13887
Ion Ratio Lower Upper
96 100
61 117.6 105.6 158.4
98 56.0 50.1 75.1



#22
Diisopropyl ether
Concen: 4.910 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 45 Resp: 46230
Ion Ratio Lower Upper
45 100
43 80.1 65.4 98.0
87 23.9 22.3 33.5
59 10.4 9.0 13.4

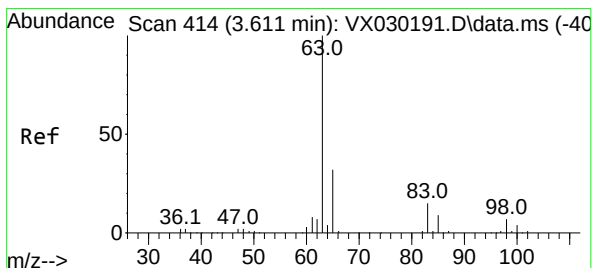
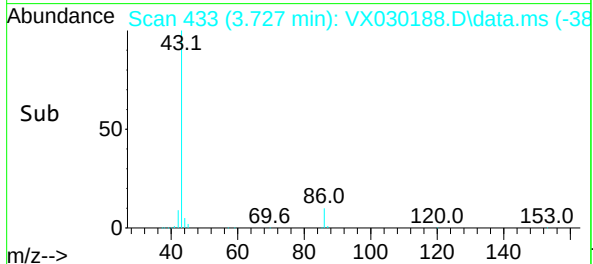
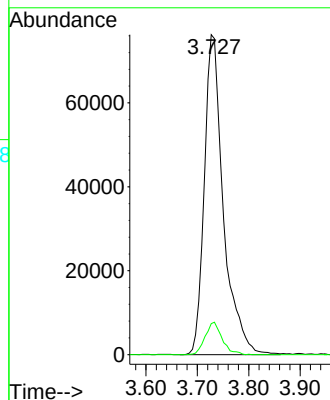
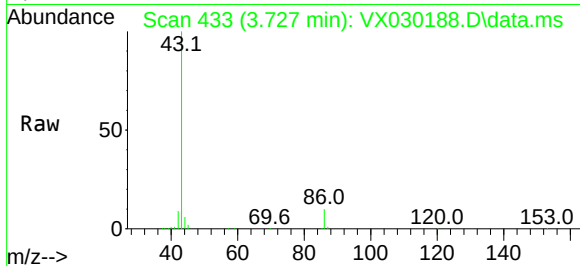




#23
 Vinyl Acetate
 Concen: 23.998 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

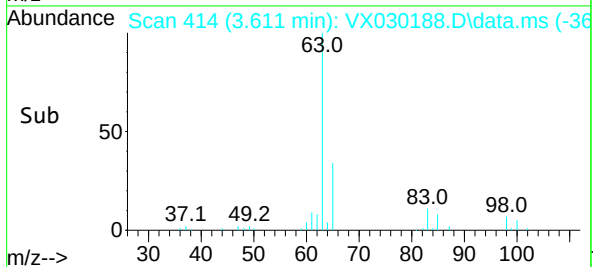
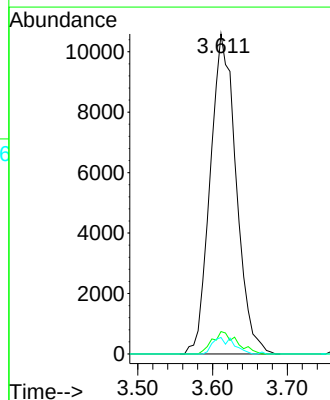
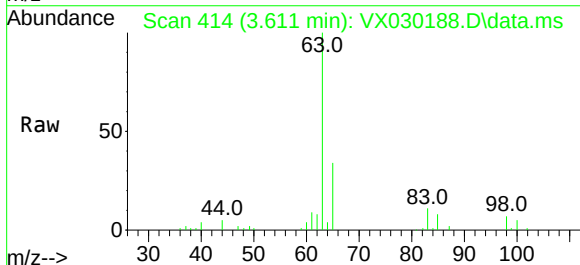
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

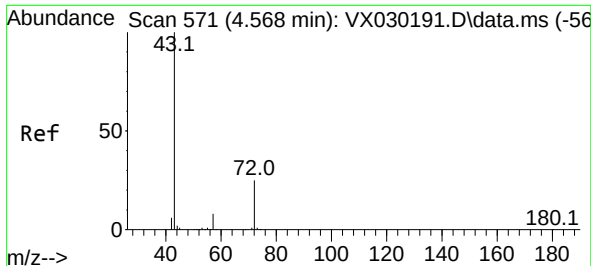
Tgt Ion: 43 Resp: 196548
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 5.111 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

Tgt Ion: 63 Resp: 25553
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 5.1 2.3 6.9

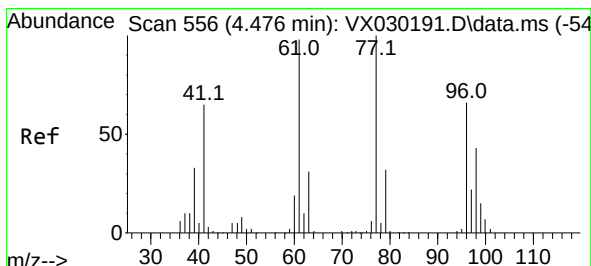
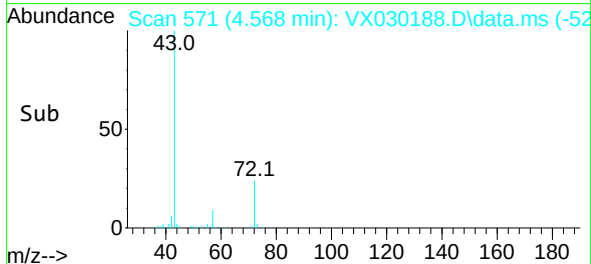
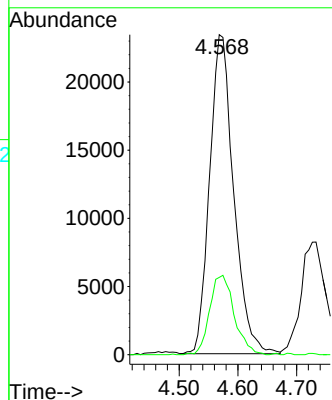
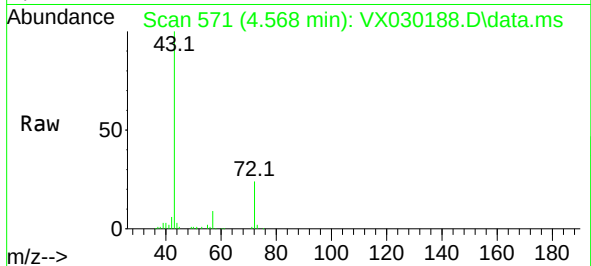




#25
2-Butanone
Concen: 24.850 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

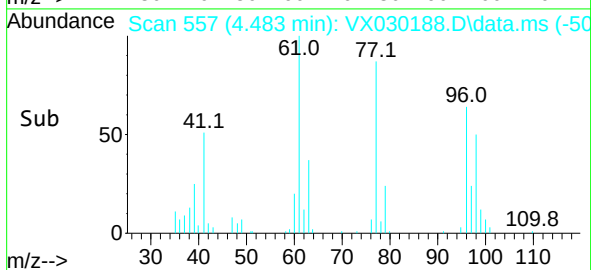
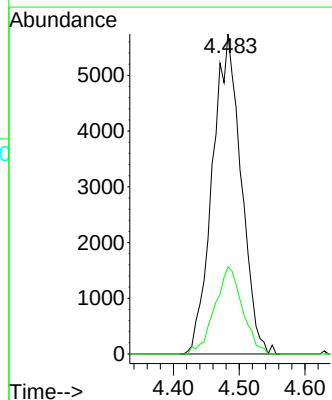
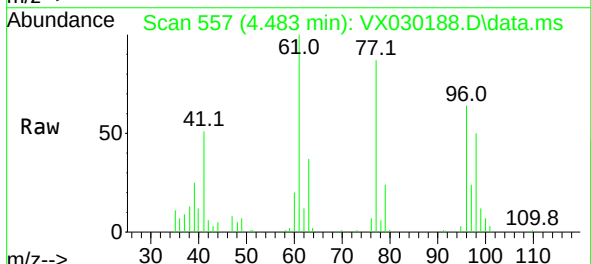
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

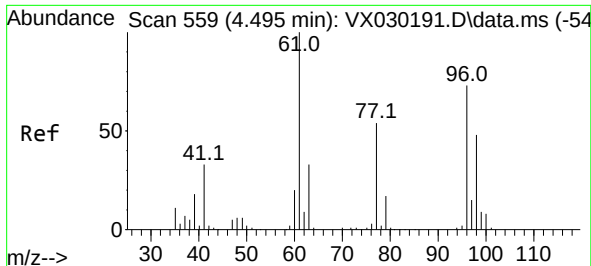
Tgt Ion: 43 Resp: 66487
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5



#26
2,2-Dichloropropane
Concen: 4.911 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 77 Resp: 17464
Ion Ratio Lower Upper
77 100
97 26.1 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 5.123 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

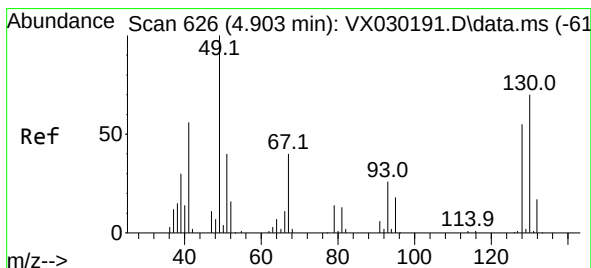
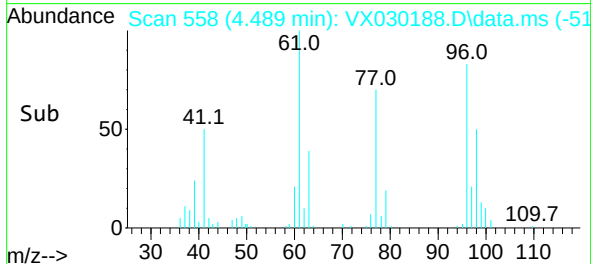
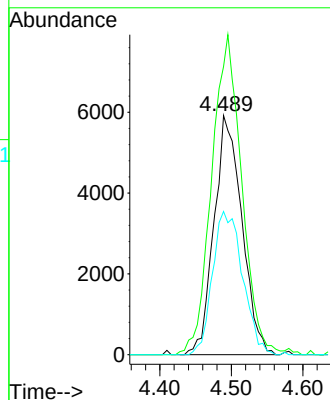
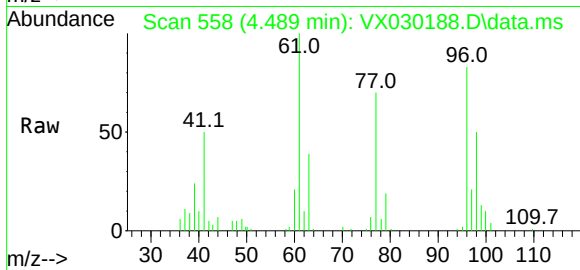
Tgt Ion: 96 Resp: 16029

Ion Ratio Lower Upper

96 100

61 143.8 0.0 270.0

98 64.6 0.0 127.8



#28

Bromochloromethane

Concen: 4.641 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

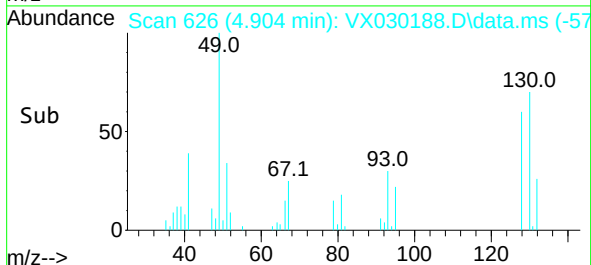
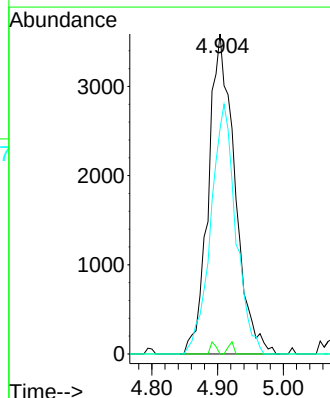
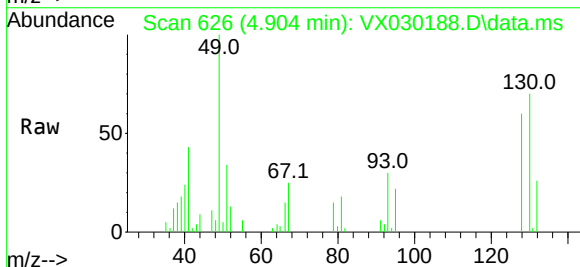
Tgt Ion: 49 Resp: 10027

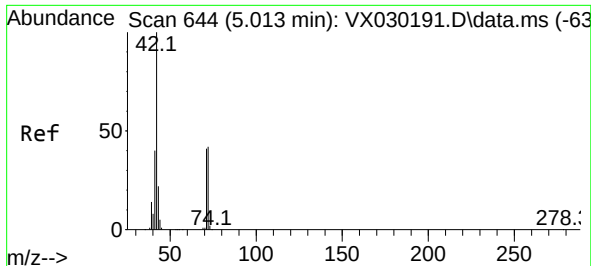
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.4

130 74.1 62.8 94.2





#29

Tetrahydrofuran

Concen: 25.061 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.007 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

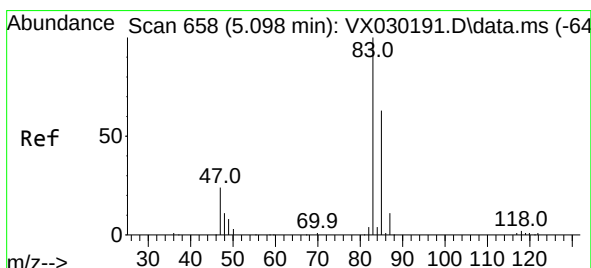
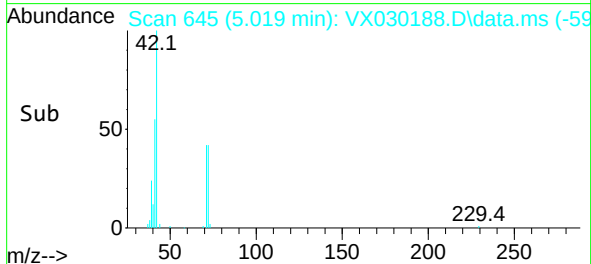
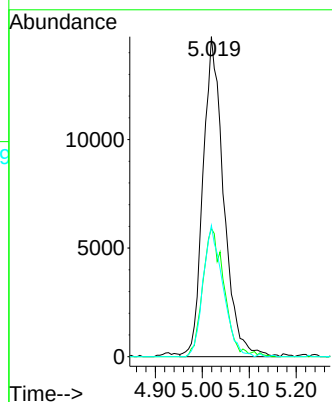
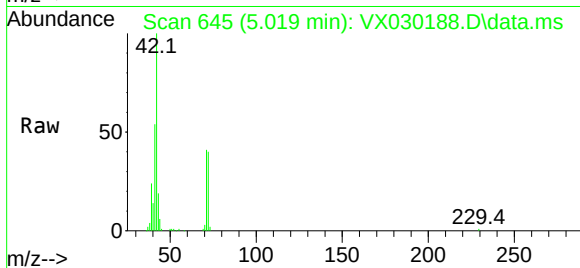
Tgt Ion: 42 Resp: 45015

Ion Ratio Lower Upper

42 100

72 41.7 36.5 54.7

71 39.6 33.9 50.9



#30

Chloroform

Concen: 5.130 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.013 min

Lab File: VX030188.D

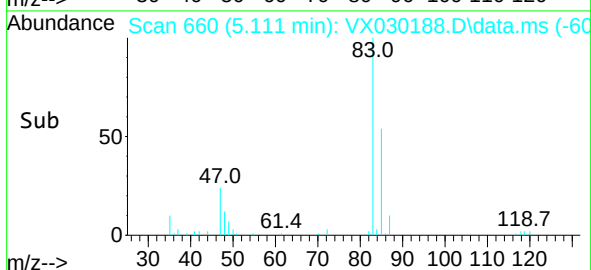
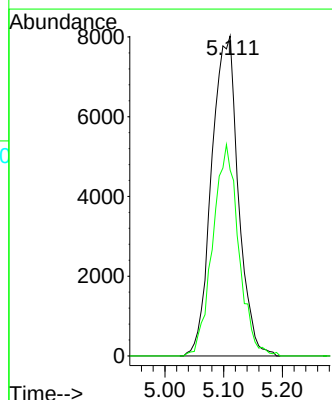
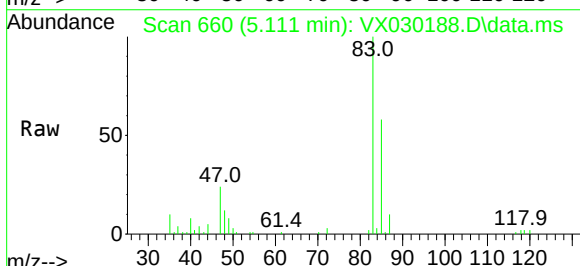
Acq: 25 Jul 2022 12:34

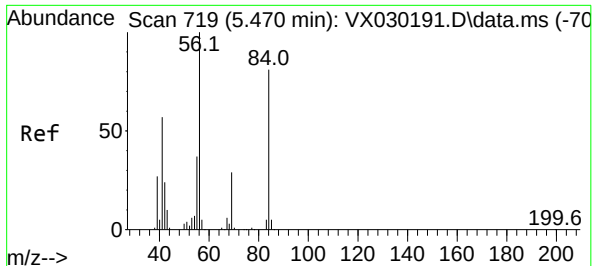
Tgt Ion: 83 Resp: 25352

Ion Ratio Lower Upper

83 100

85 58.1 51.5 77.3

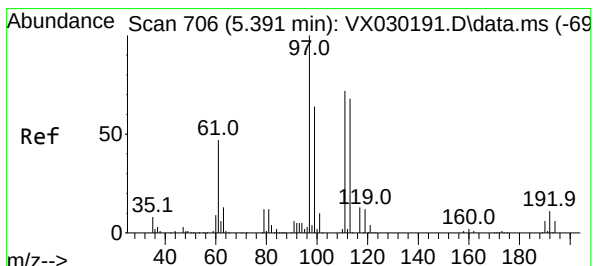
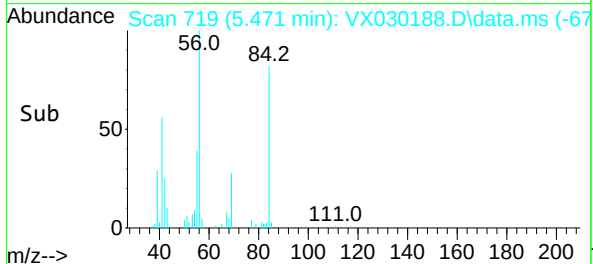
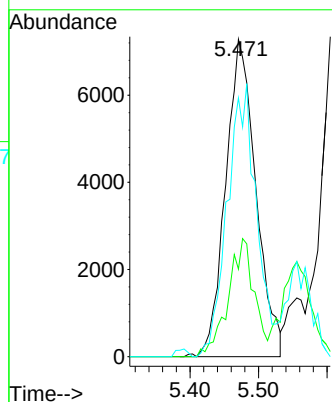
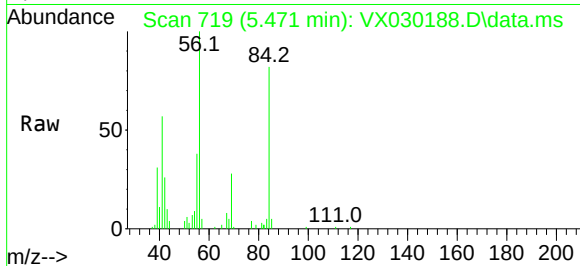




#31
Cyclohexane
Concen: 4.966 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

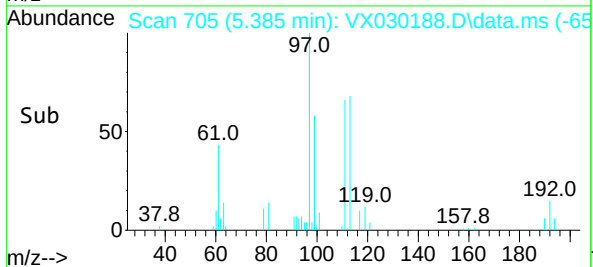
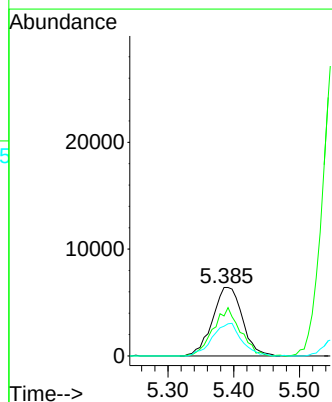
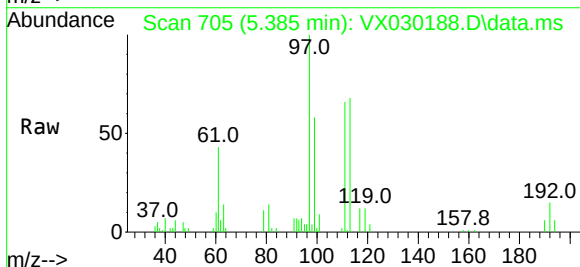
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

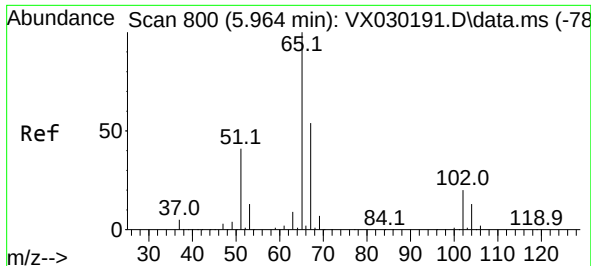
Tgt Ion: 56 Resp: 22329
Ion Ratio Lower Upper
56 100
69 27.6 25.4 38.0
84 79.5 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 5.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 97 Resp: 20268
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.2 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 5.599 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

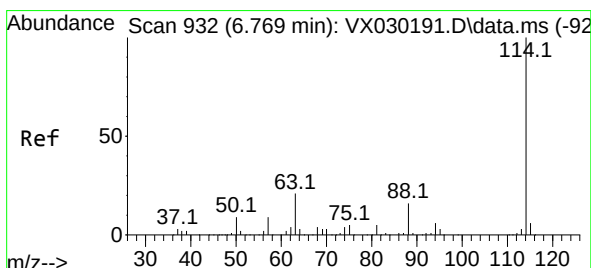
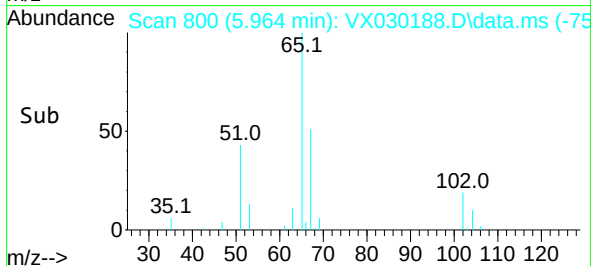
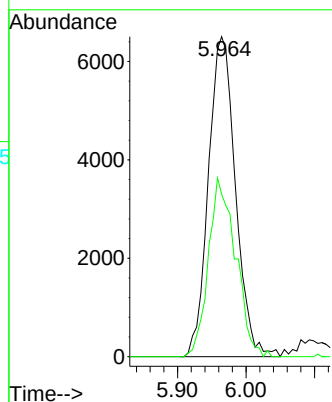
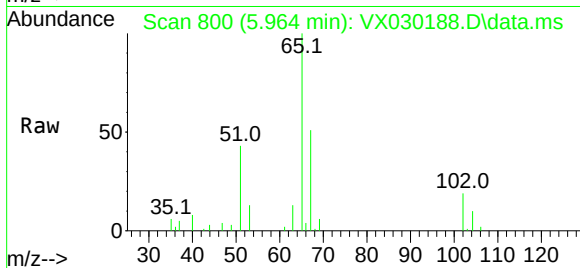
VSTDIC005

Tgt Ion: 65 Resp: 17866

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

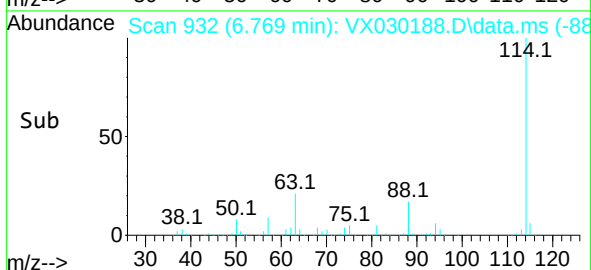
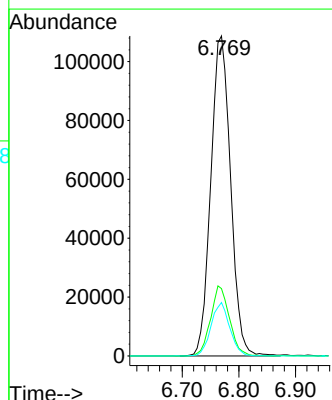
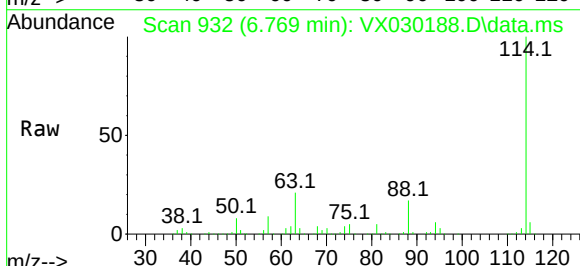
Tgt Ion: 114 Resp: 263399

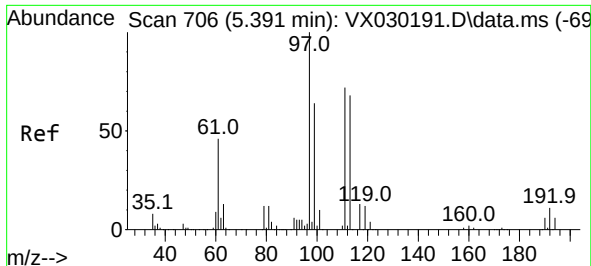
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 16.7 0.0 31.8

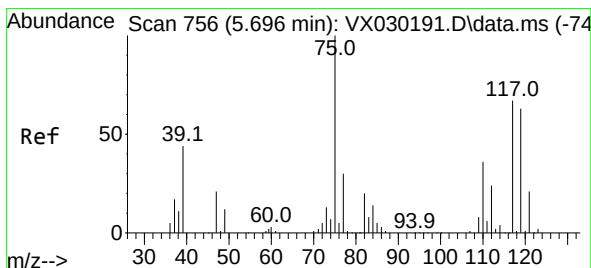
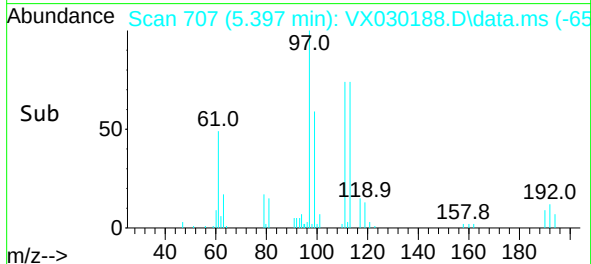
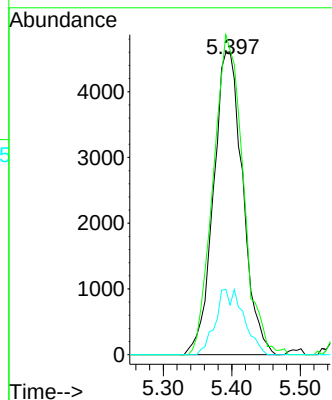
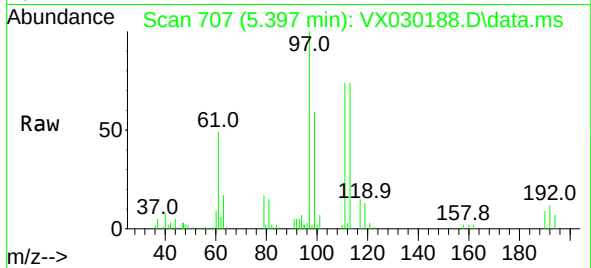




#35
Dibromofluoromethane
Concen: 5.342 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

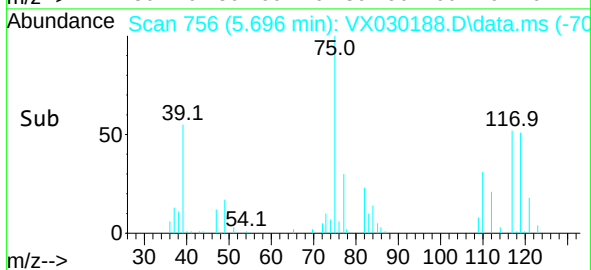
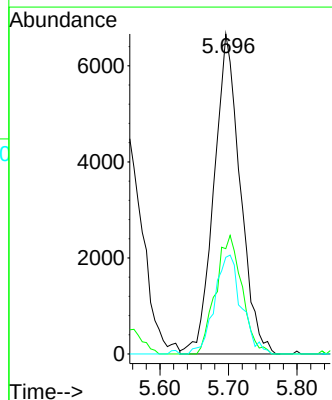
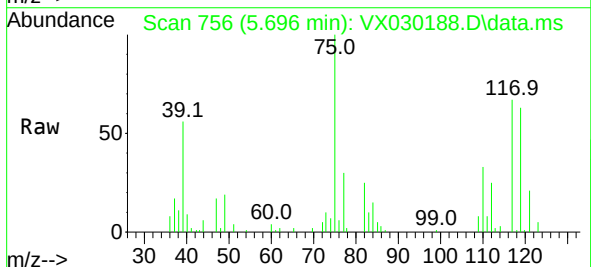
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

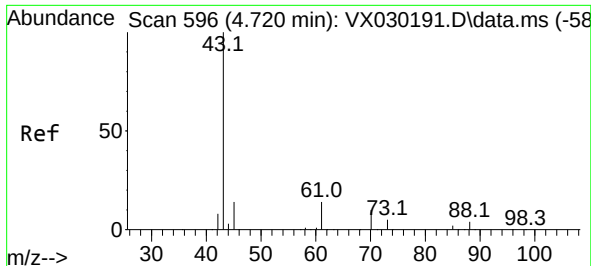
Tgt Ion:113 Resp: 13641
Ion Ratio Lower Upper
113 100
111 108.0 83.2 124.8
192 20.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 75 Resp: 17672
Ion Ratio Lower Upper
75 100
110 37.2 19.3 57.9
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 4.721 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

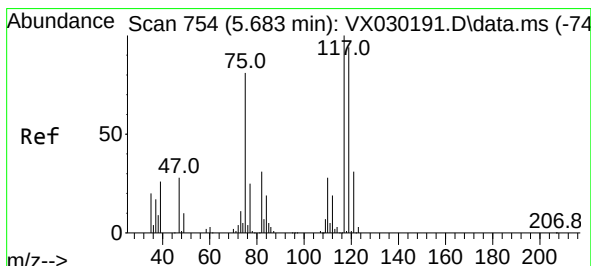
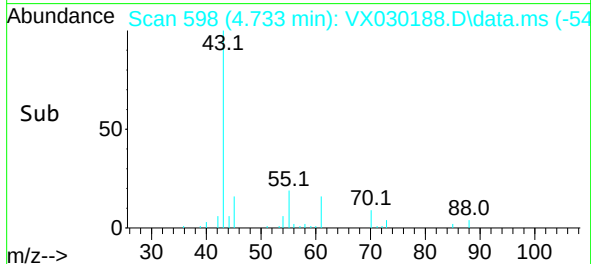
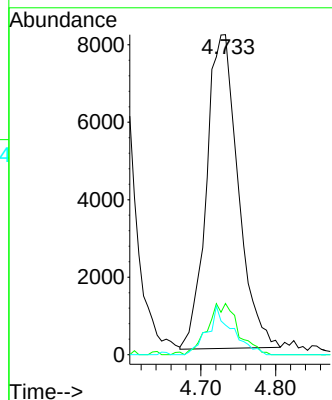
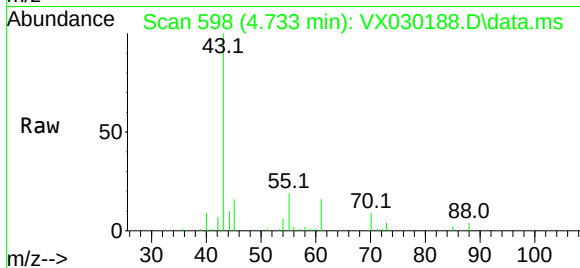
Tgt Ion: 43 Resp: 23911

Ion Ratio Lower Upper

43 100

61 16.0 11.7 17.5

70 12.0 9.3 13.9



#38

Carbon Tetrachloride

Concen: 4.951 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

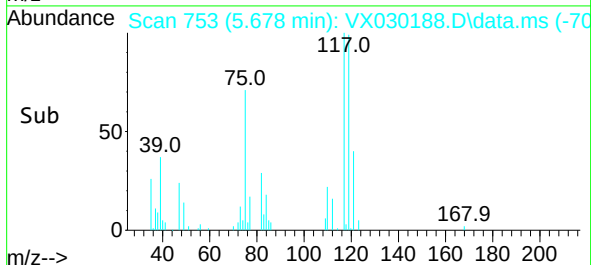
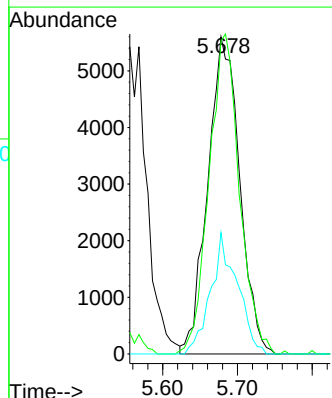
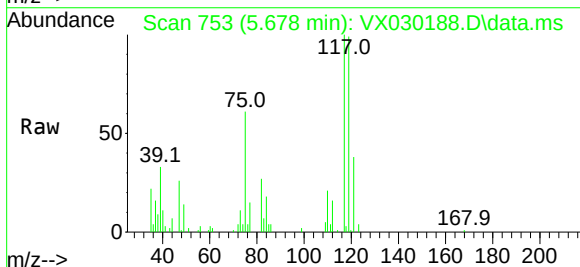
Tgt Ion: 117 Resp: 16623

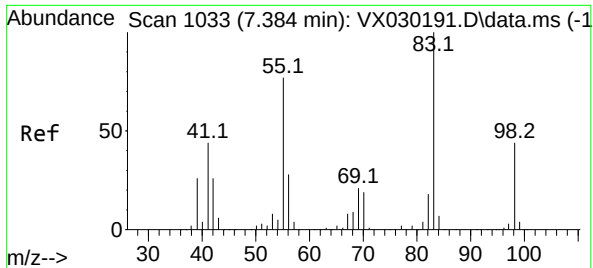
Ion Ratio Lower Upper

117 100

119 98.6 74.1 111.1

121 38.3 25.8 38.8

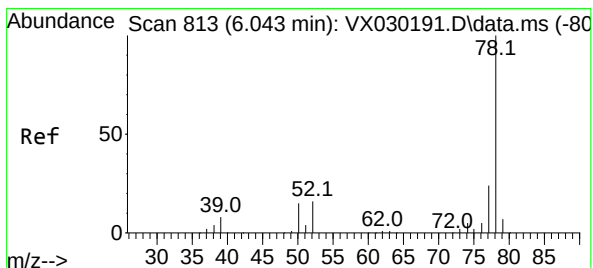
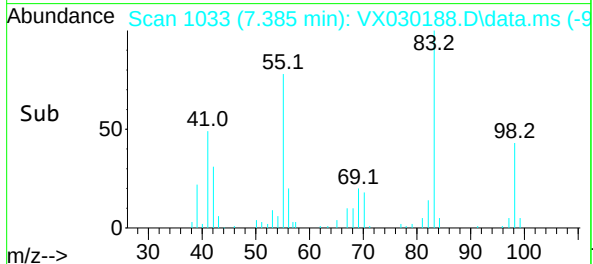
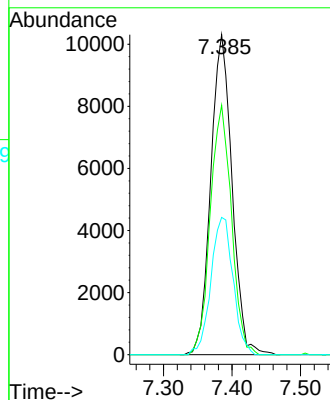
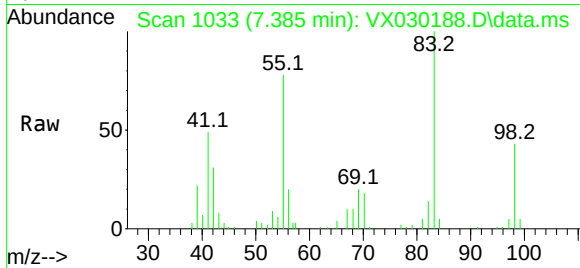




#39
Methylcyclohexane
Concen: 4.860 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

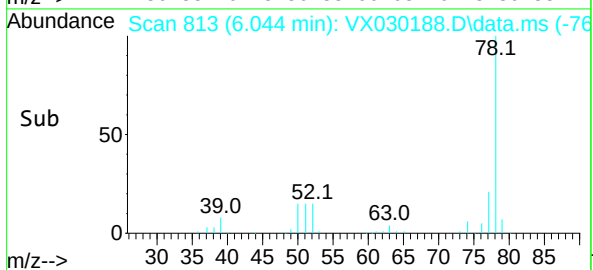
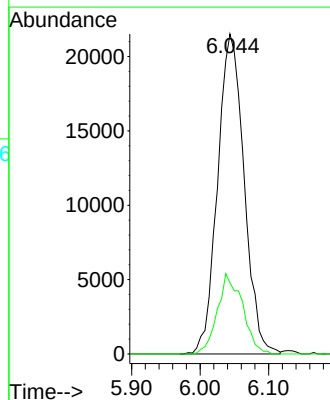
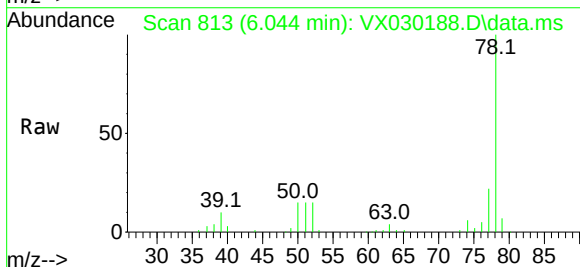
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

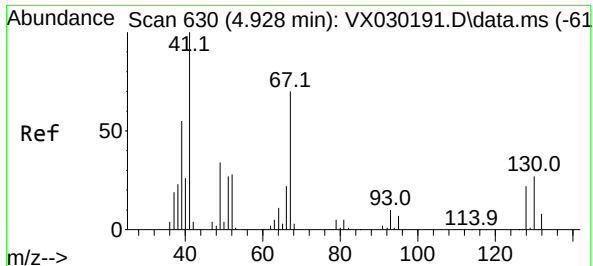
Tgt Ion: 83	Resp: 22188
Ion Ratio	Lower Upper
83 100	
55 78.0	57.7 86.5
98 42.9	36.5 54.7



#40
Benzene
Concen: 5.121 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 78	Resp: 57680
Ion Ratio	Lower Upper
78 100	
77 22.2	18.0 27.0

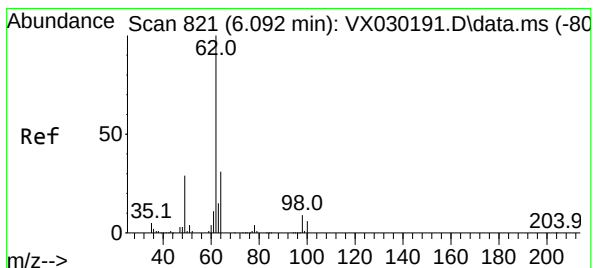
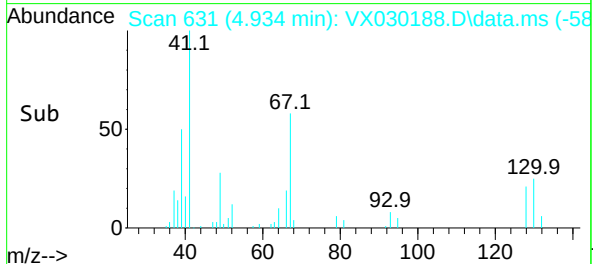
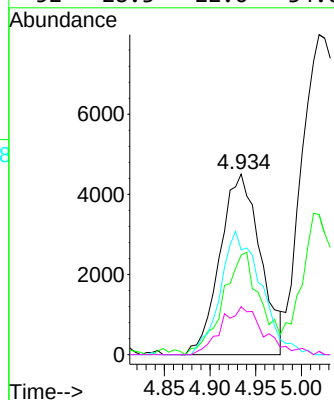
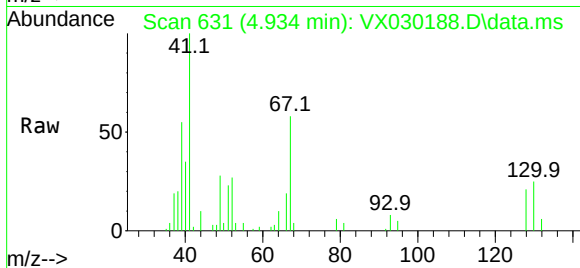




#41
Methacrylonitrile
Concen: 5.088 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

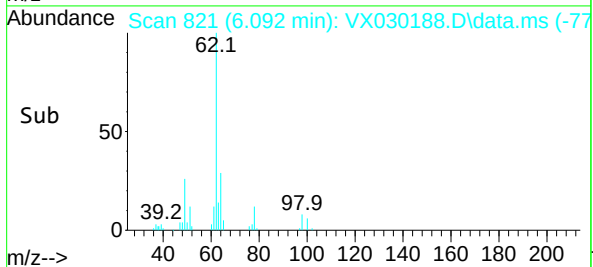
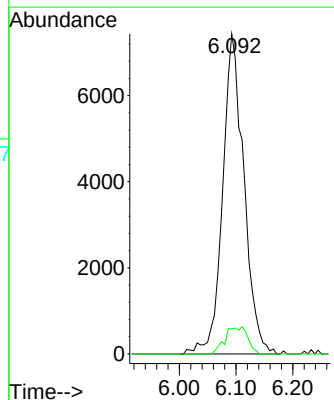
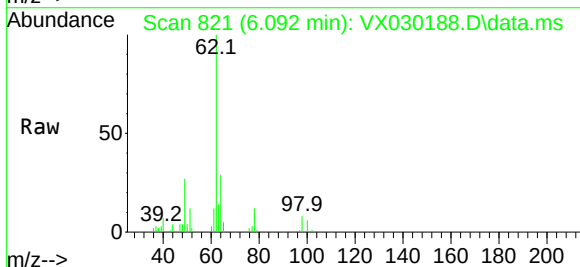
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

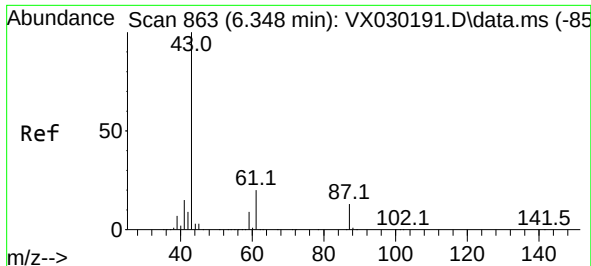
Tgt Ion:	41	Resp:	13881
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.9	64.3
67	68.3	60.1	90.1
52	28.3	22.6	34.0



#42
1,2-Dichloroethane
Concen: 4.964 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:	62	Resp:	19363
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 5.032 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.007 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

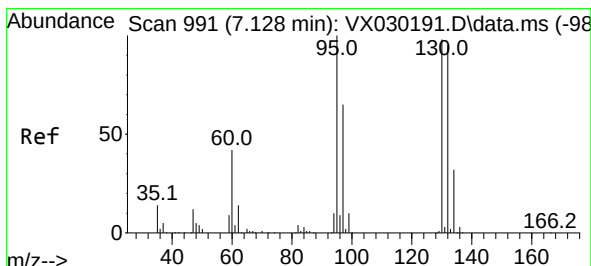
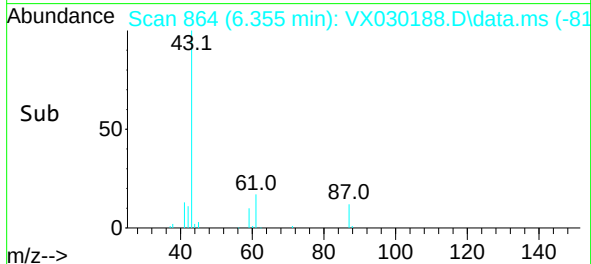
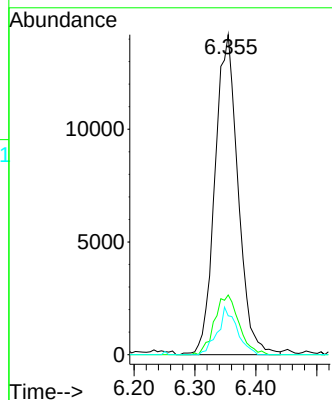
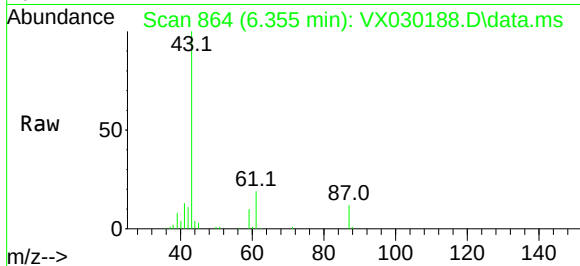
Tgt Ion: 43 Resp: 37444

Ion Ratio Lower Upper

43 100

61 19.6 16.5 24.7

87 12.4 11.1 16.7



#44

Trichloroethene

Concen: 5.071 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.007 min

Lab File: VX030188.D

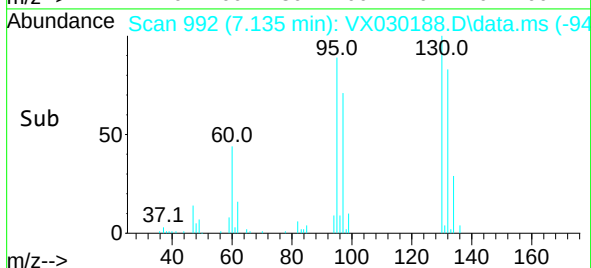
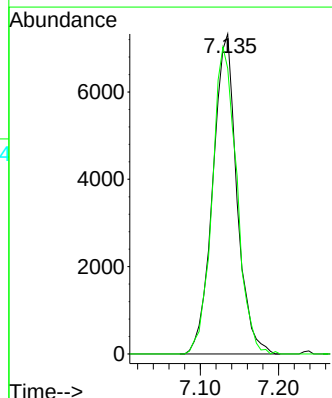
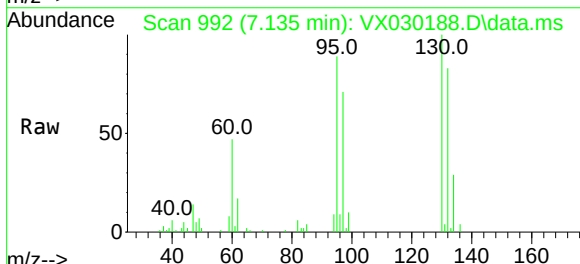
Acq: 25 Jul 2022 12:34

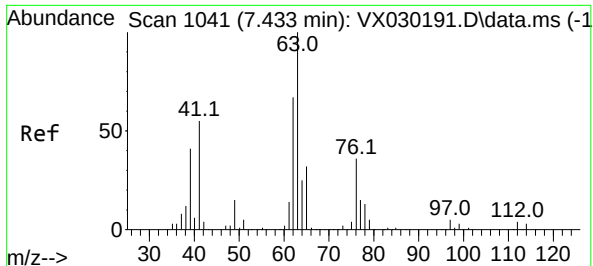
Tgt Ion:130 Resp: 15628

Ion Ratio Lower Upper

130 100

95 89.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 5.002 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.007 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

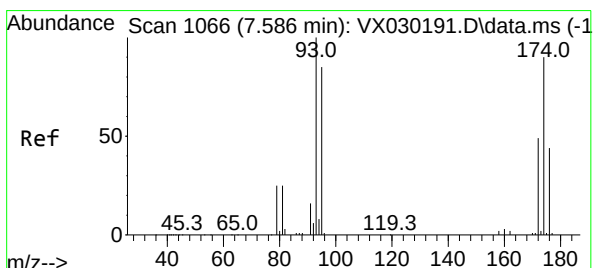
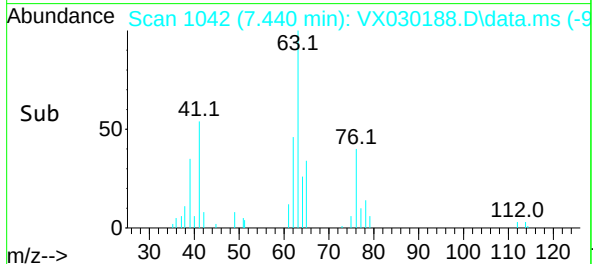
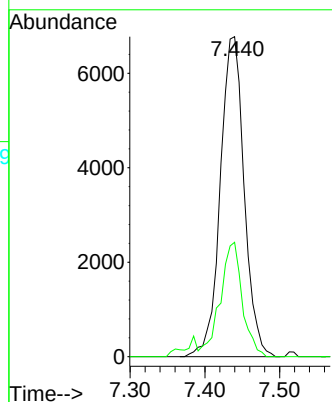
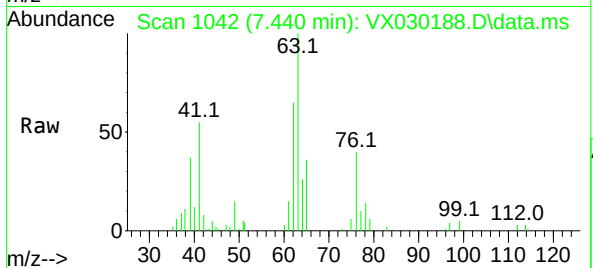
VSTDIC005

Tgt Ion: 63 Resp: 15052

Ion Ratio Lower Upper

63 100

65 35.8 25.2 37.8



#46

Dibromomethane

Concen: 4.850 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

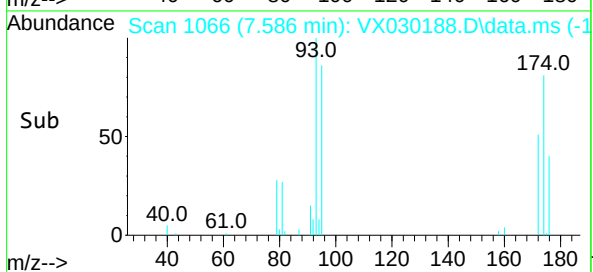
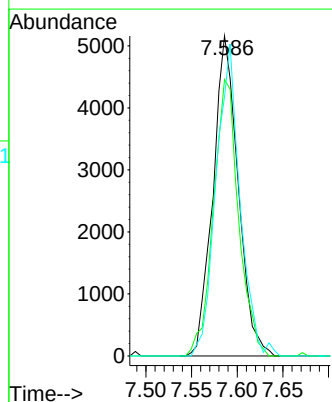
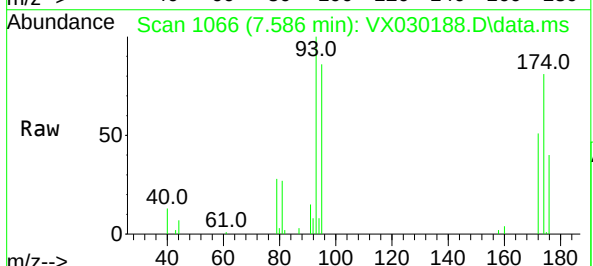
Tgt Ion: 93 Resp: 9897

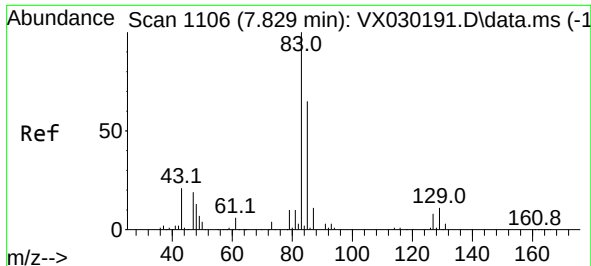
Ion Ratio Lower Upper

93 100

95 86.3 67.4 101.0

174 92.5 75.6 113.4

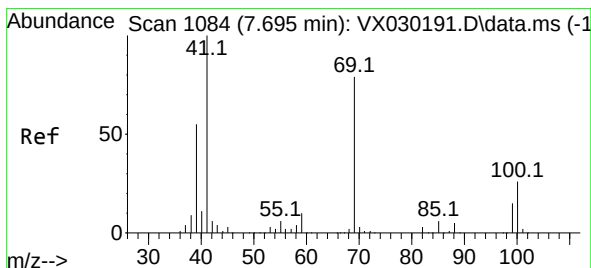
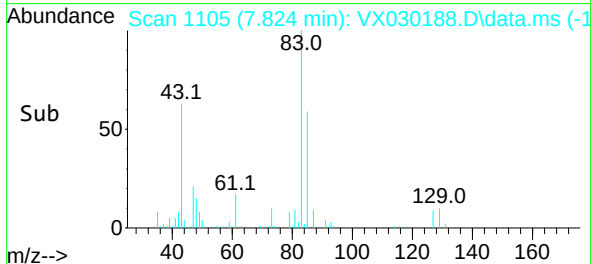
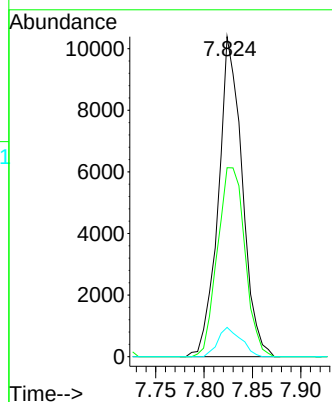
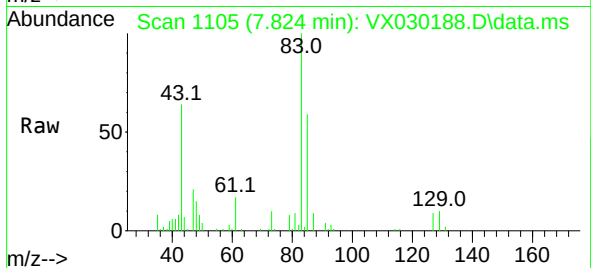




#47
Bromodichloromethane
Concen: 4.784 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

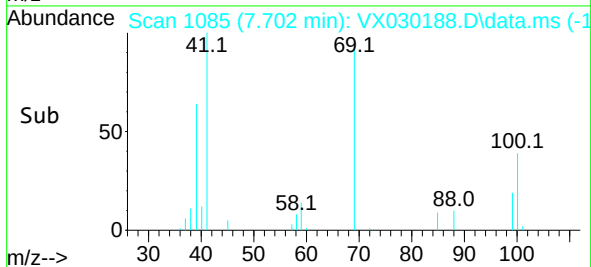
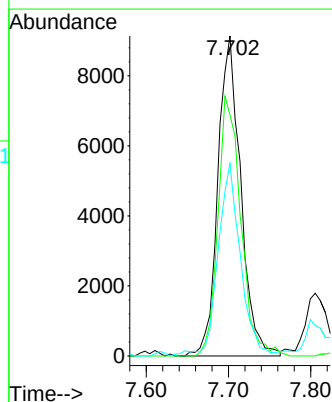
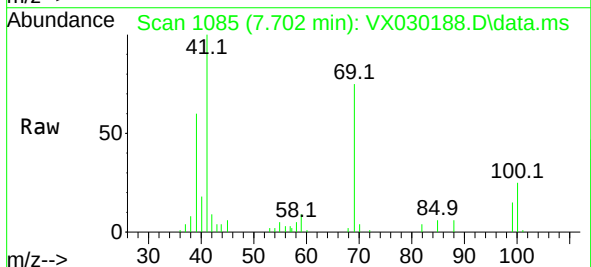
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

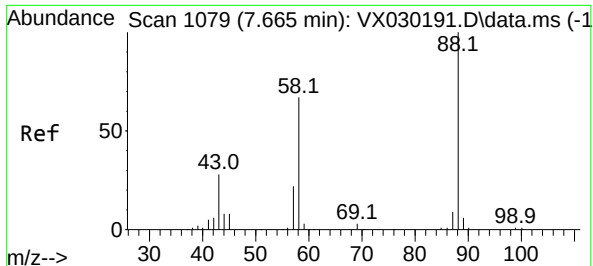
Tgt Ion: 83 Resp: 17803
Ion Ratio Lower Upper
83 100
85 59.0 53.5 80.3
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 4.797 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 41 Resp: 17597
Ion Ratio Lower Upper
41 100
69 81.6 68.8 103.2
39 59.0 44.6 66.8





#49

1,4-Dioxane

Concen: 107.934 ug/l

RT: 7.677 min Scan# 1079

Delta R.T. 0.013 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

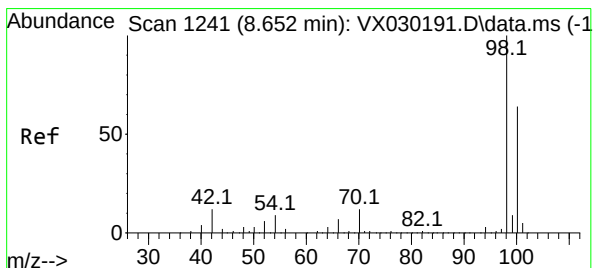
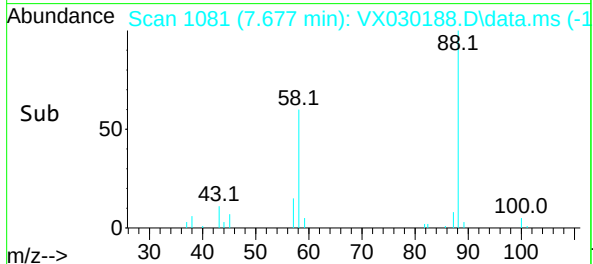
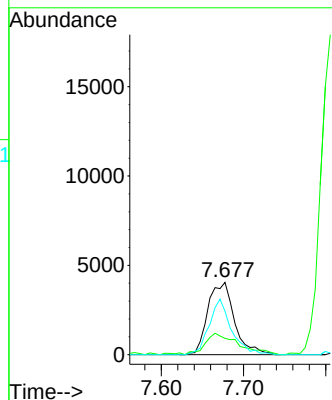
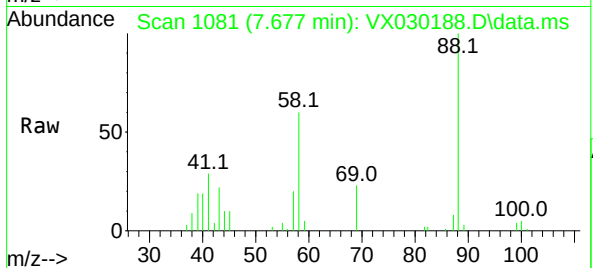
Tgt Ion: 88 Resp: 9095

Ion Ratio Lower Upper

88 100

43 36.8 23.8 35.8#

58 64.7 53.8 80.6



#50

Toluene-d8

Concen: 5.210 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX030188.D

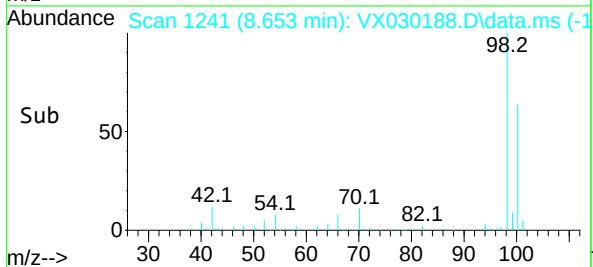
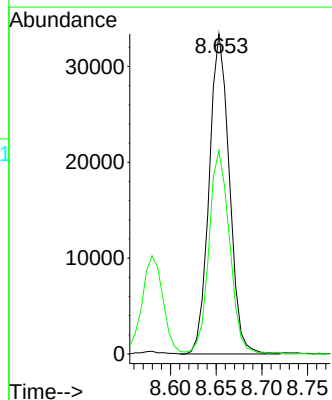
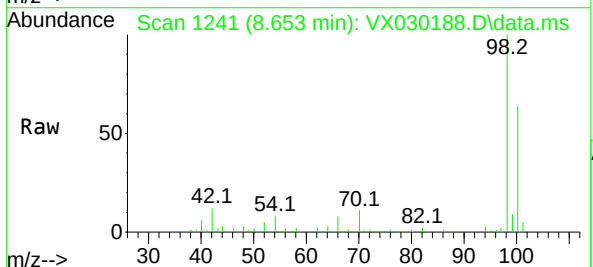
Acq: 25 Jul 2022 12:34

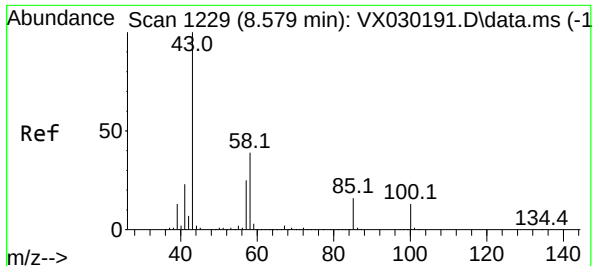
Tgt Ion: 98 Resp: 51122

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 24.491 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

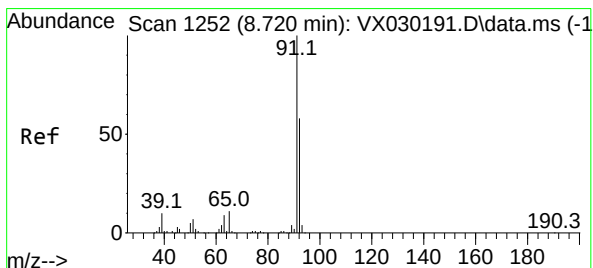
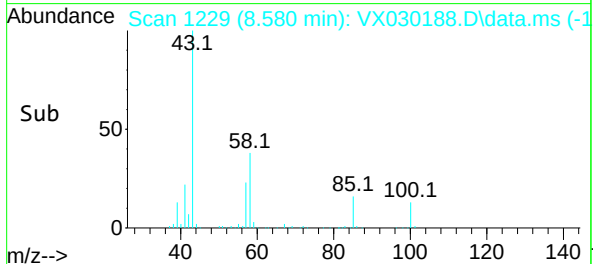
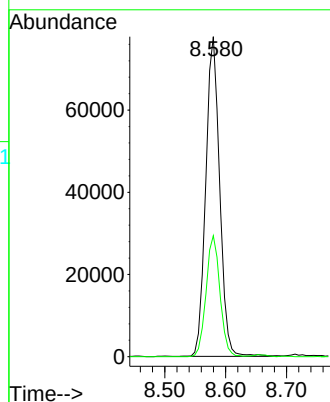
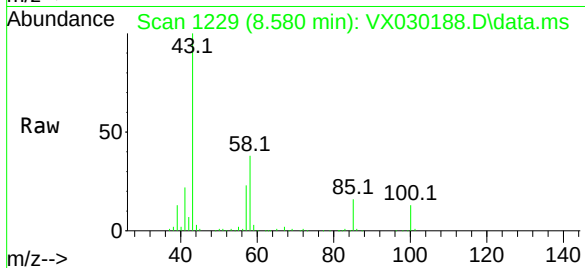
VSTDICC005

Tgt Ion: 43 Resp: 124016

Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.2



#52

Toluene

Concen: 4.947 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030188.D

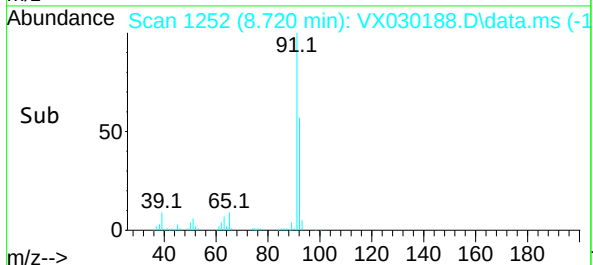
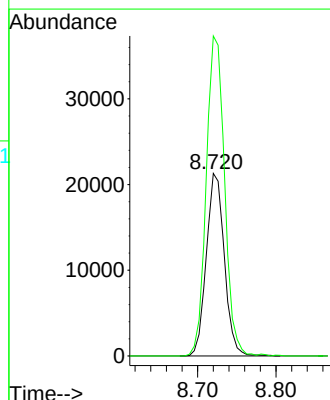
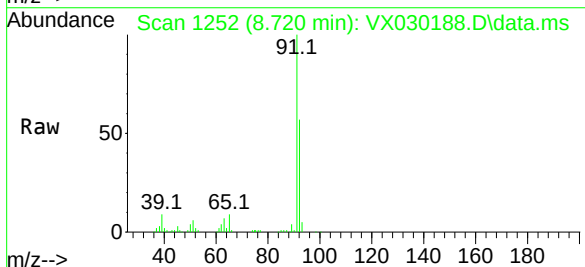
Acq: 25 Jul 2022 12:34

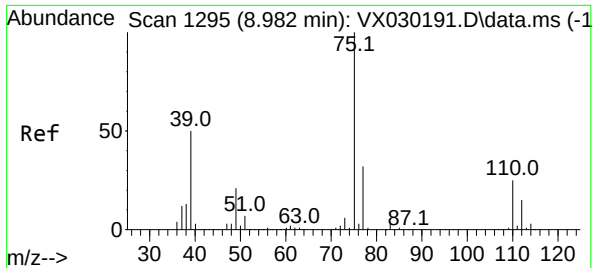
Tgt Ion: 92 Resp: 34010

Ion Ratio Lower Upper

92 100

91 178.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 4.576 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

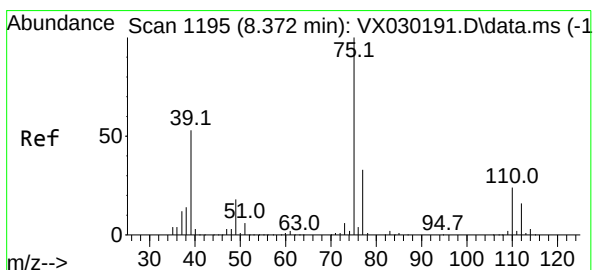
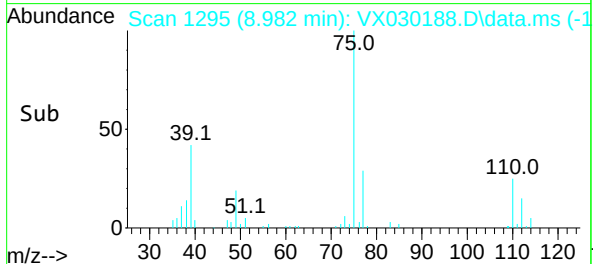
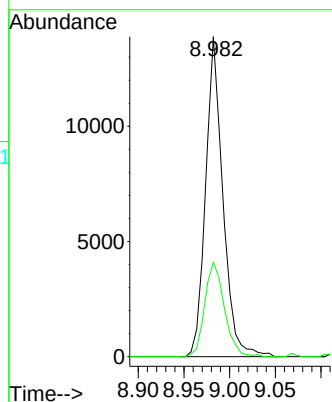
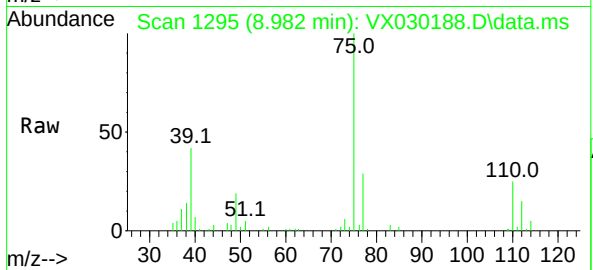
VSTDIC005

Tgt Ion: 75 Resp: 18246

Ion Ratio Lower Upper

75 100

77 29.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 4.819 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

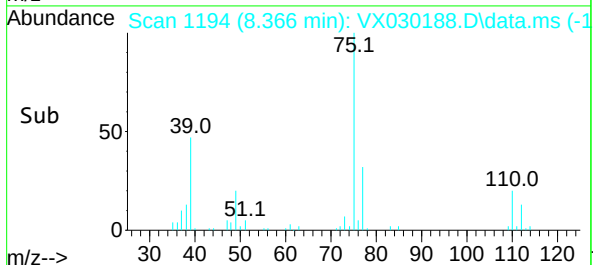
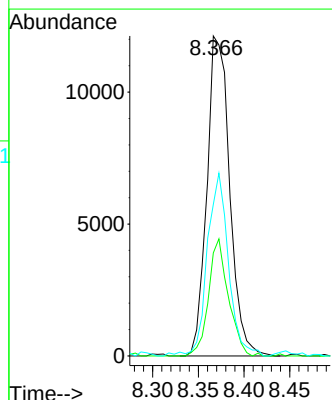
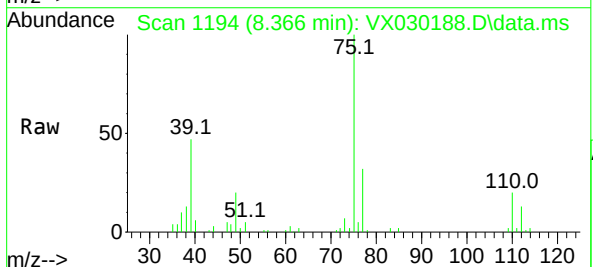
Tgt Ion: 75 Resp: 21016

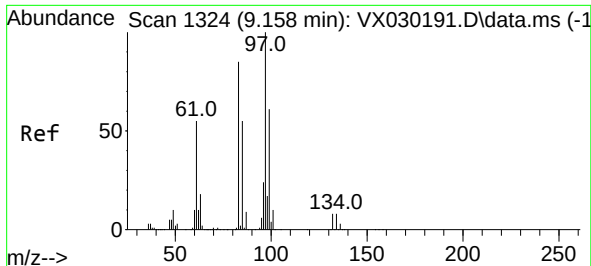
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 46.2 37.5 56.3



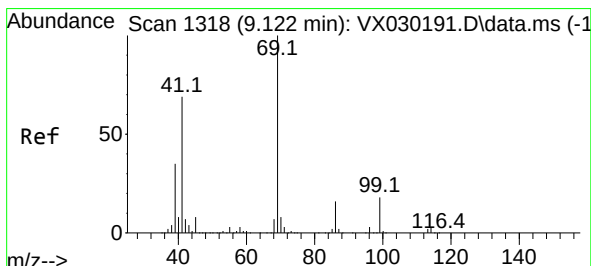
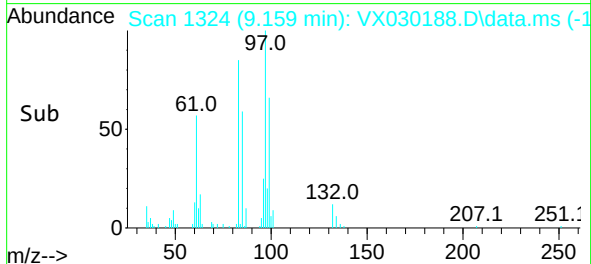
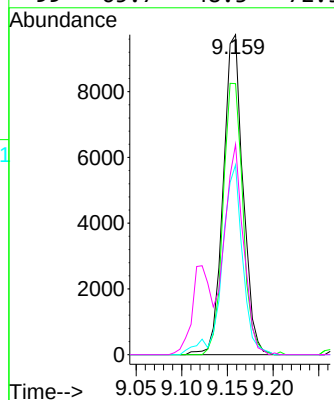
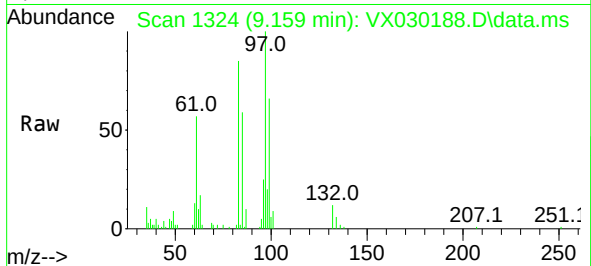


#55
1,1,2-Trichloroethane
Concen: 5.034 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 14683

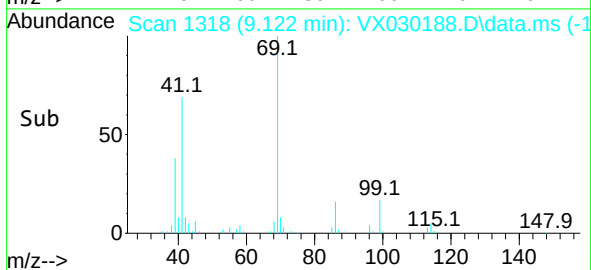
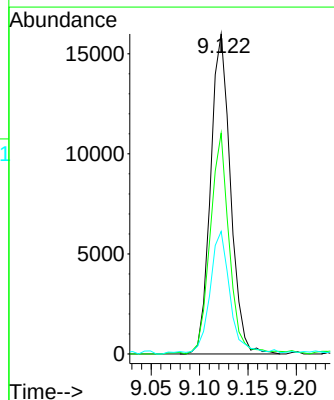
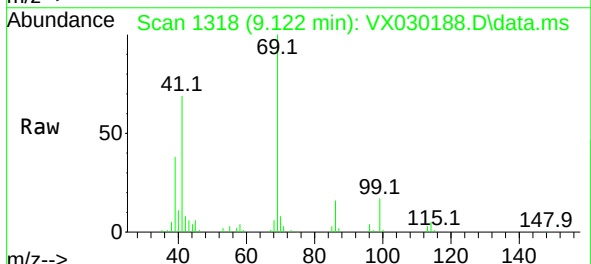
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.9	103.3
85	59.3	44.0	66.0
99	65.7	48.3	72.5

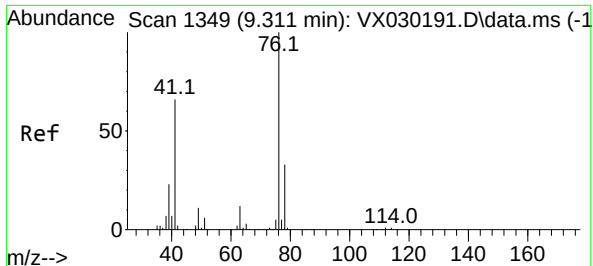


#56
Ethyl methacrylate
Concen: 4.947 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 69 Resp: 22897

Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.3	78.5
39	39.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 4.980 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

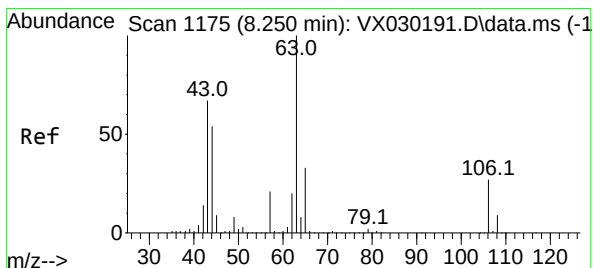
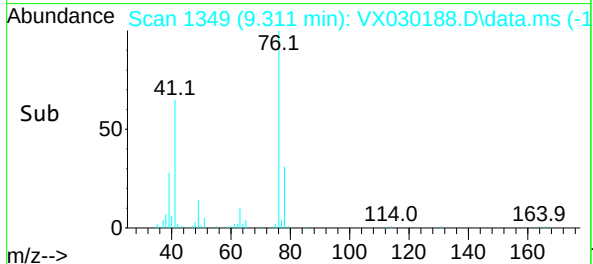
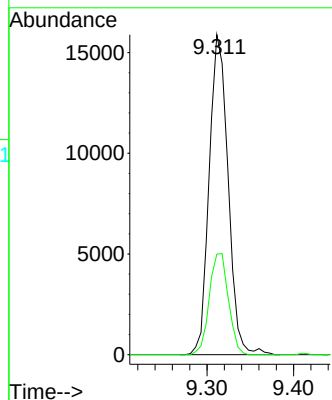
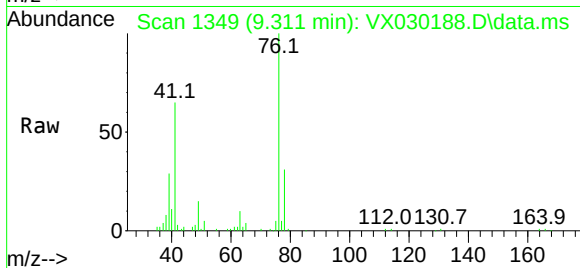
VSTDICC005

Tgt Ion: 76 Resp: 24082

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 22.717 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030188.D

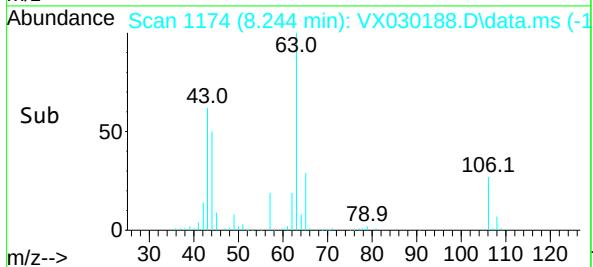
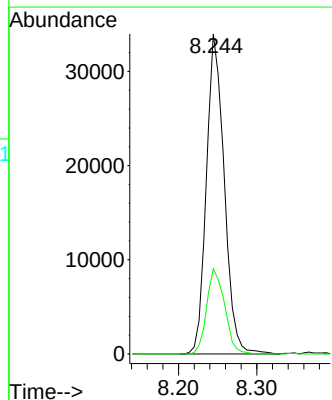
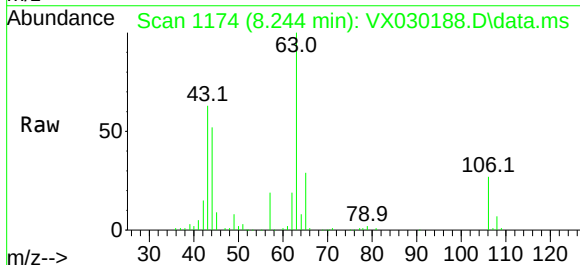
Acq: 25 Jul 2022 12:34

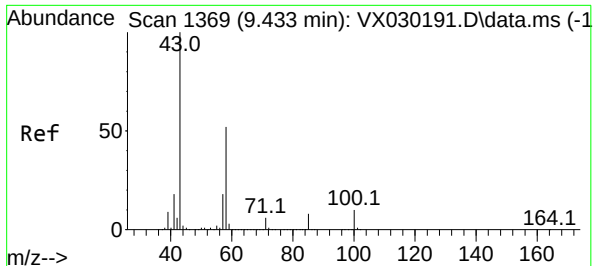
Tgt Ion: 63 Resp: 53688

Ion Ratio Lower Upper

63 100

106 26.8 22.2 33.2





#59

2-Hexanone

Concen: 24.446 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

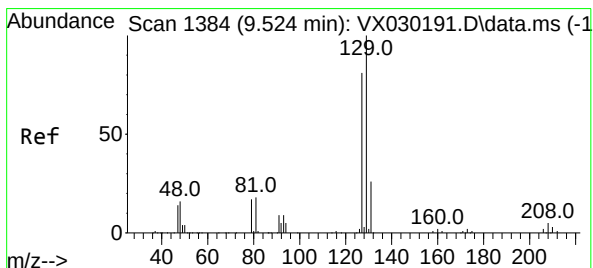
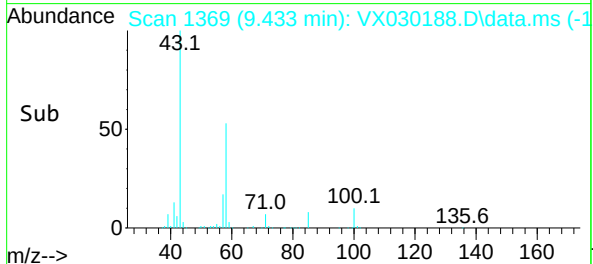
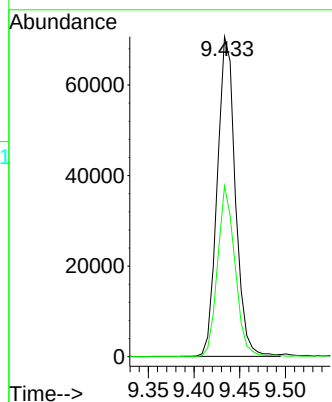
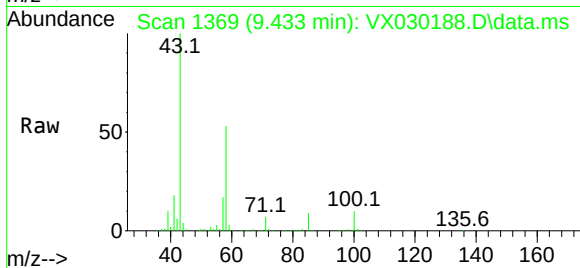
VSTDIC005

Tgt Ion: 43 Resp: 97244

Ion Ratio Lower Upper

43 100

58 51.6 27.6 82.8



#60

Dibromochloromethane

Concen: 4.778 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030188.D

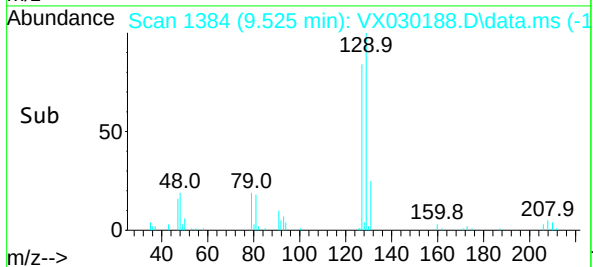
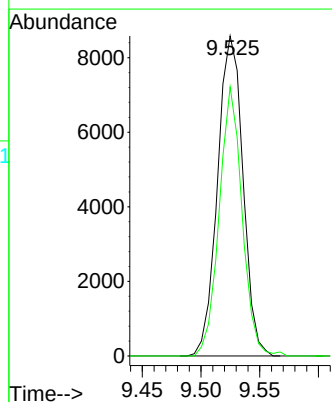
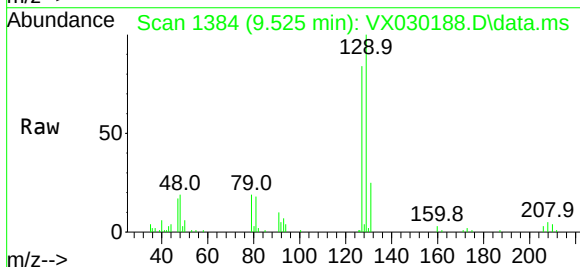
Acq: 25 Jul 2022 12:34

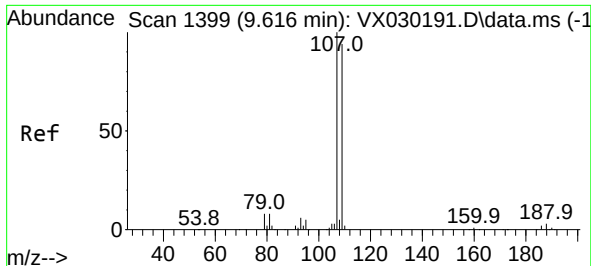
Tgt Ion: 129 Resp: 12929

Ion Ratio Lower Upper

129 100

127 75.8 38.5 115.5

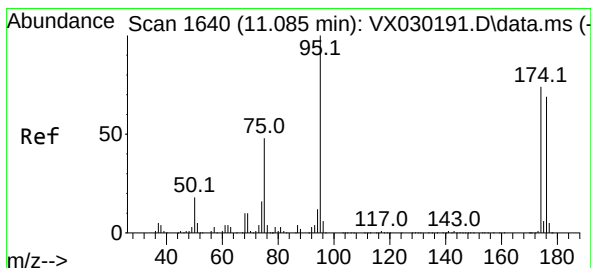
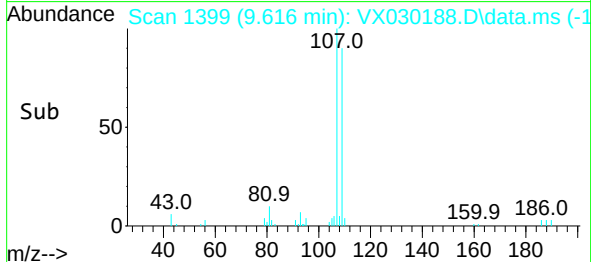
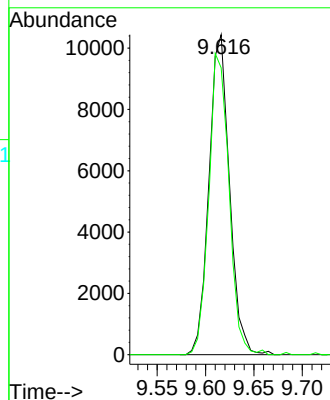
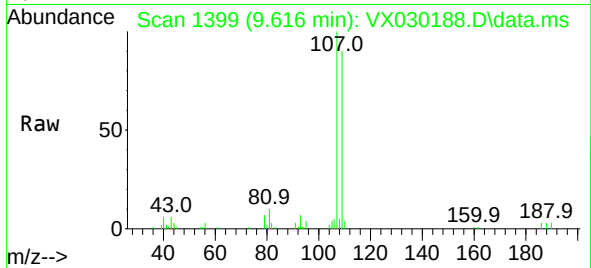




#61
1,2-Dibromoethane
Concen: 5.050 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

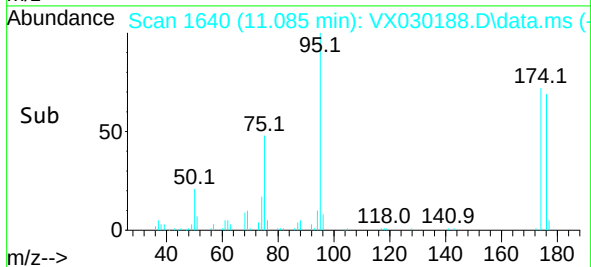
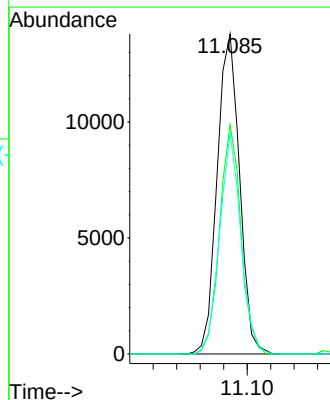
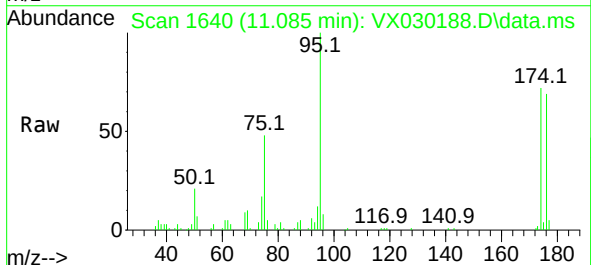
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

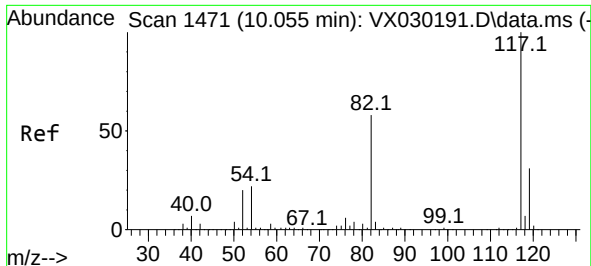
Tgt Ion:107 Resp: 15416
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 5.041 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 95 Resp: 18257
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.0
176 65.5 0.0 146.0



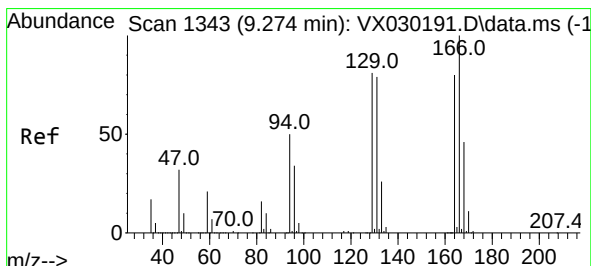
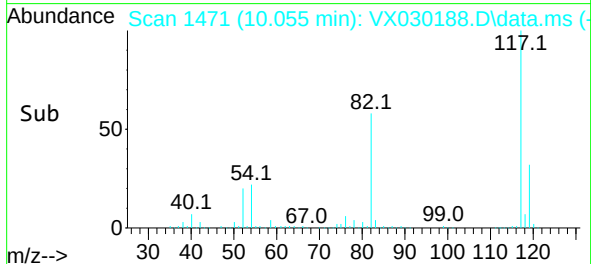
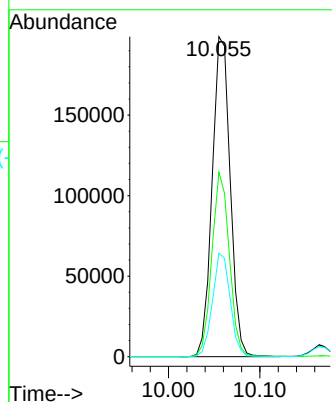
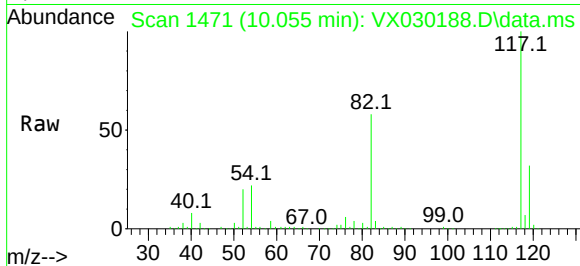


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 272391

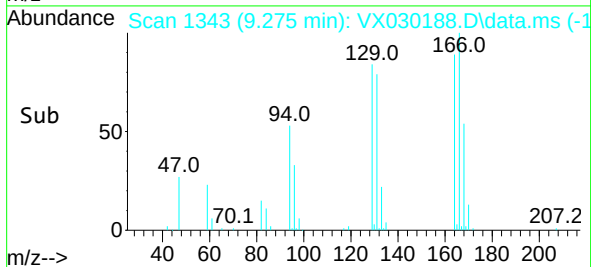
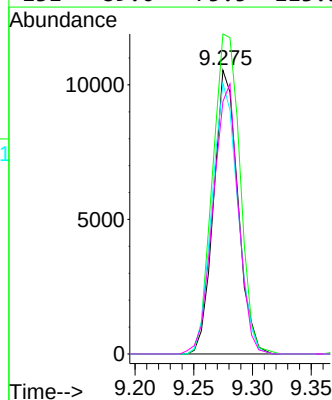
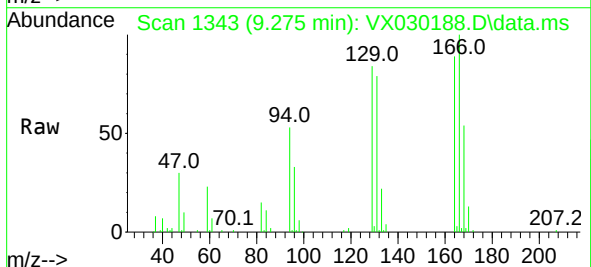
Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.7	64.1
119	32.4	25.4	38.2

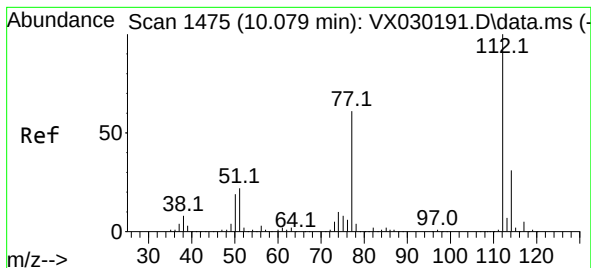


#64
Tetrachloroethene
Concen: 5.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:164 Resp: 15130

Ion	Ratio	Lower	Upper
164	100		
166	112.8	98.2	147.4
129	95.3	80.8	121.2
131	89.0	75.5	113.3

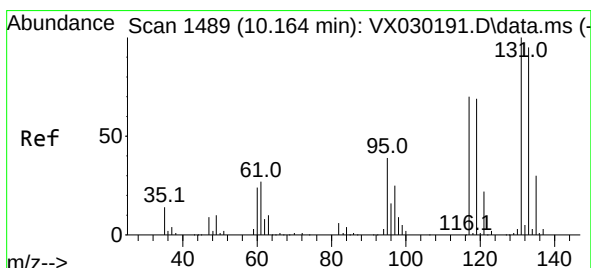
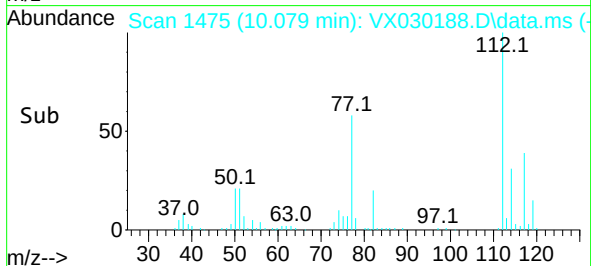
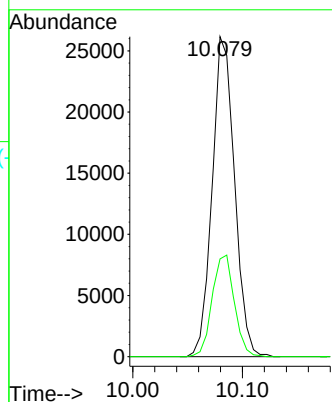
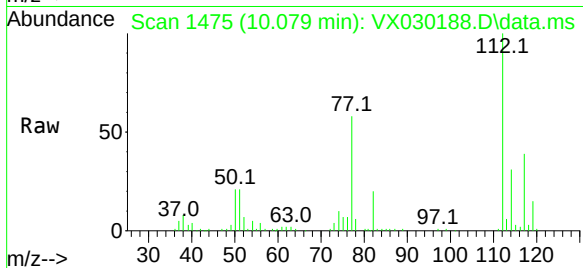




#65
Chlorobenzene
Concen: 5.074 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

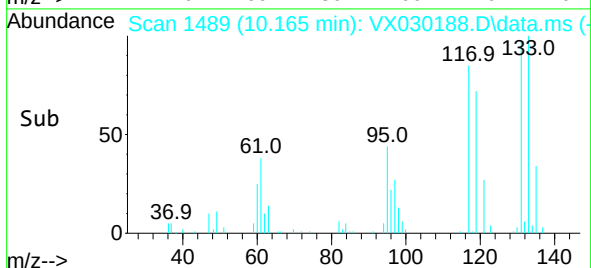
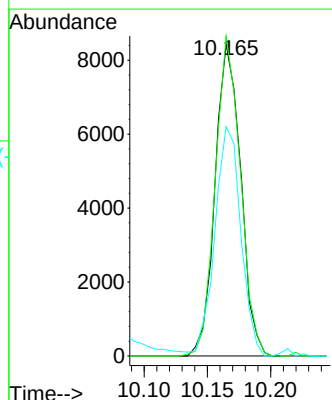
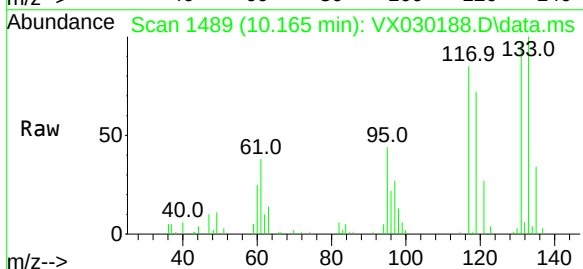
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

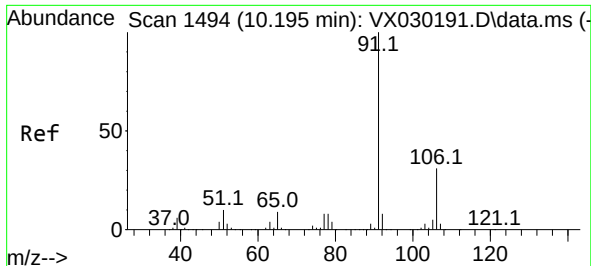
Tgt Ion:112 Resp: 37108
Ion Ratio Lower Upper
112 100
114 30.5 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:131 Resp: 11879
Ion Ratio Lower Upper
131 100
133 100.3 46.9 140.8
119 74.4 34.4 103.1





#67

Ethyl Benzene

Concen: 4.457 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

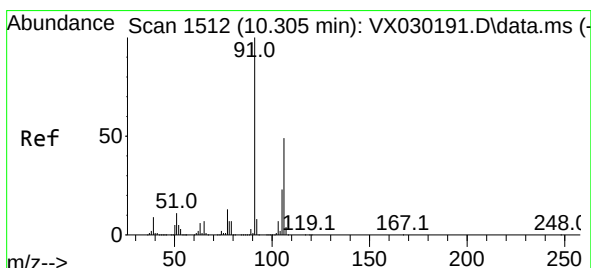
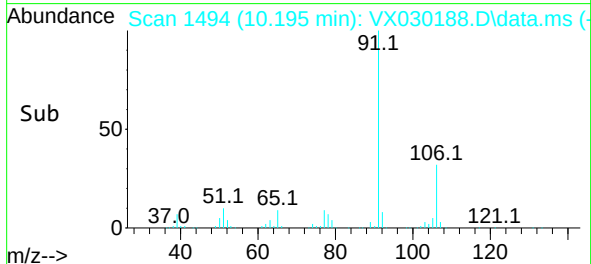
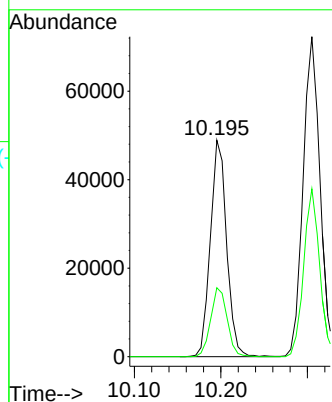
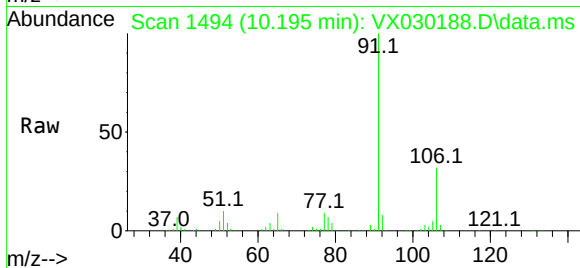
VSTDIC005

Tgt Ion: 91 Resp: 63928

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 9.857 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030188.D

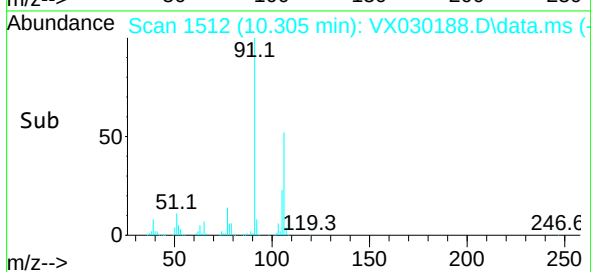
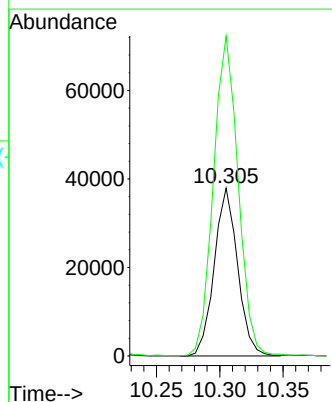
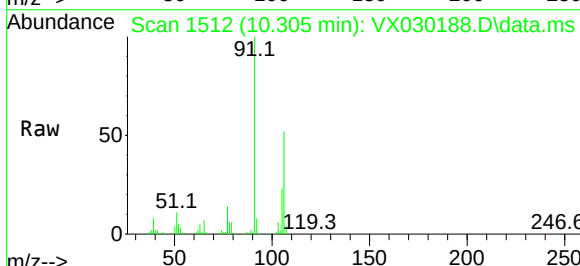
Acq: 25 Jul 2022 12:34

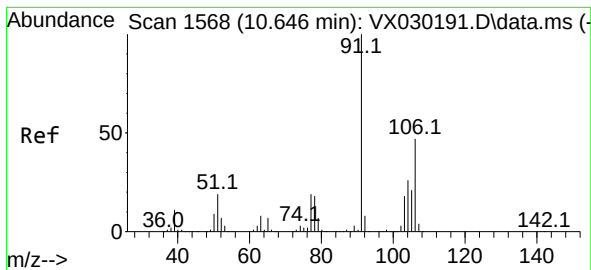
Tgt Ion: 106 Resp: 48727

Ion Ratio Lower Upper

106 100

91 201.6 158.2 237.4





#69

o-Xylene

Concen: 5.031 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

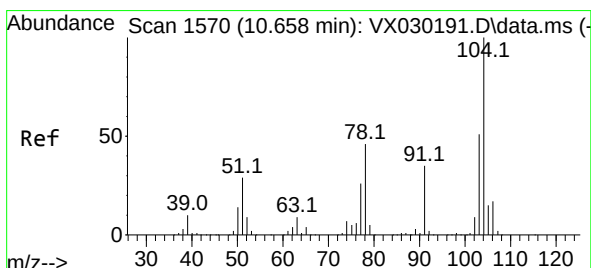
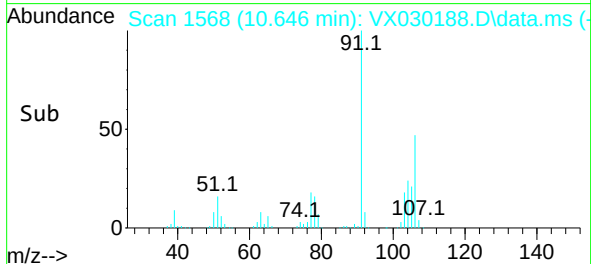
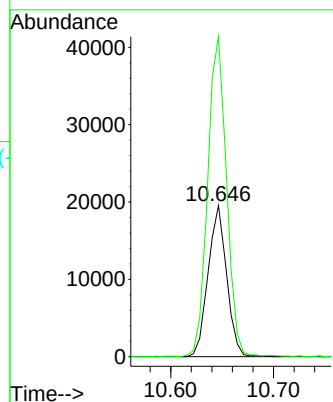
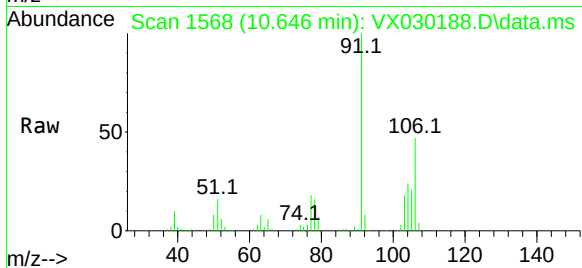
VSTDIC005

Tgt Ion:106 Resp: 24504

Ion Ratio Lower Upper

106 100

91 216.2 103.8 311.6



#70

Styrene

Concen: 4.913 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

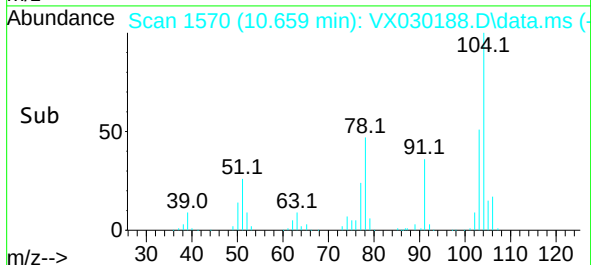
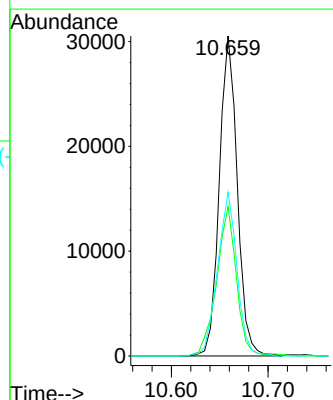
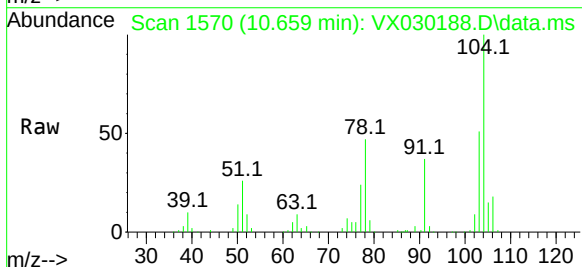
Tgt Ion:104 Resp: 39276

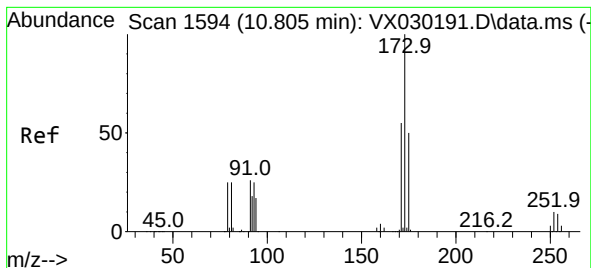
Ion Ratio Lower Upper

104 100

78 51.1 37.8 56.8

103 55.6 44.5 66.7





#71

Bromoform

Concen: 4.845 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

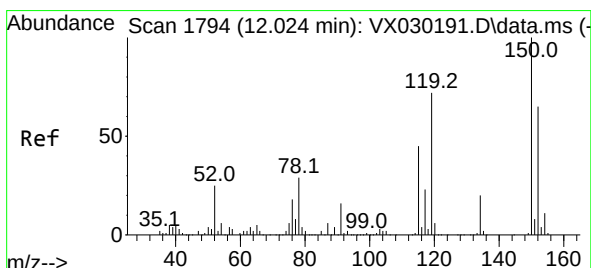
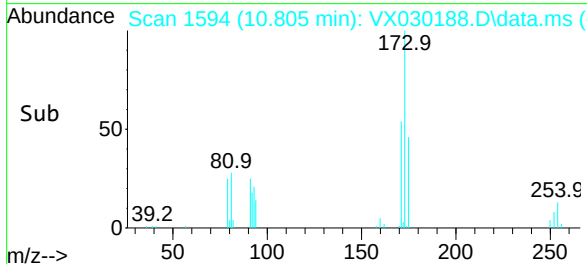
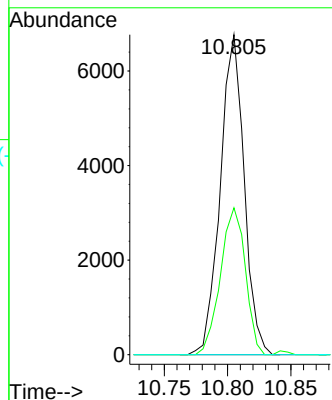
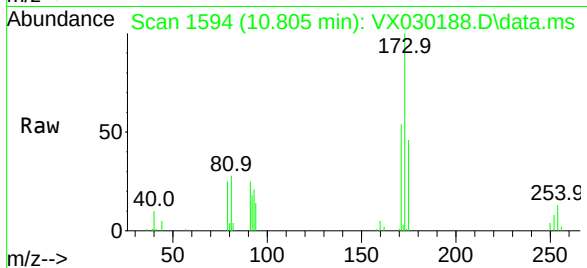
Tgt Ion:173 Resp: 8878

Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

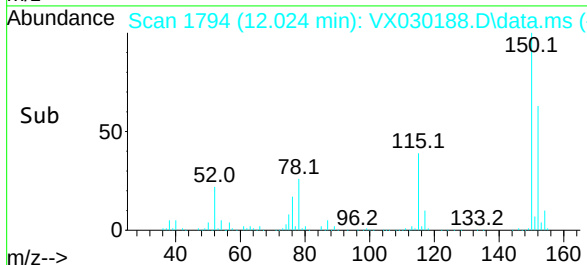
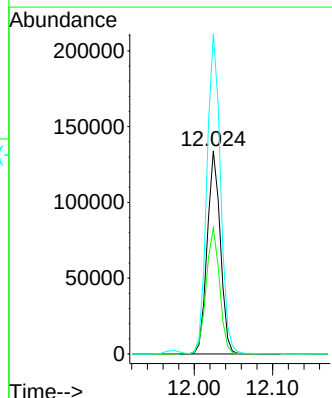
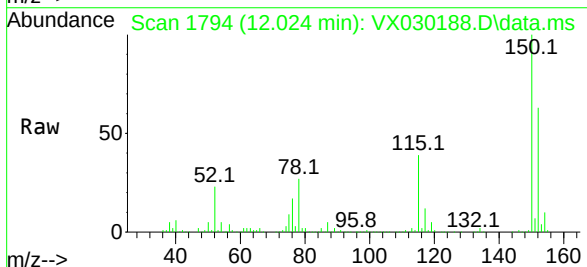
Tgt Ion:152 Resp: 155598

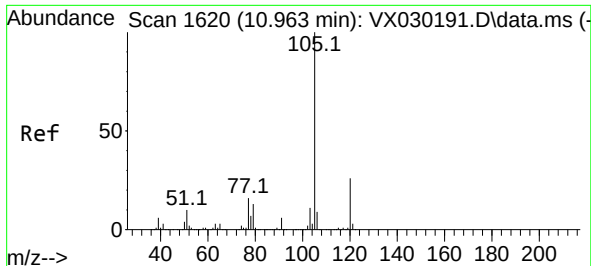
Ion Ratio Lower Upper

152 100

115 63.4 40.5 121.5

150 162.1 0.0 347.0

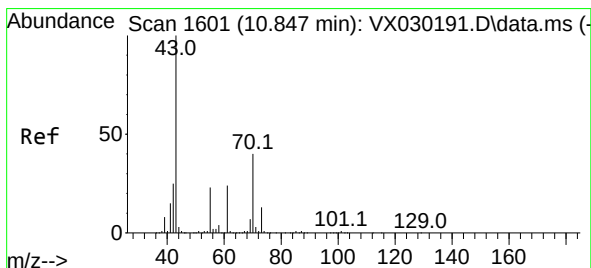
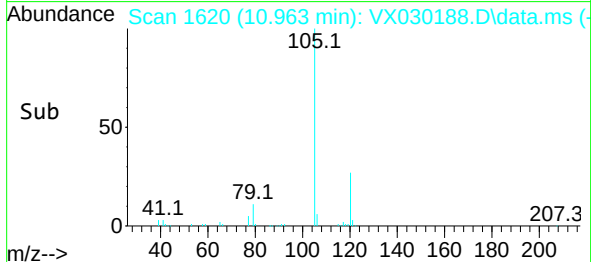
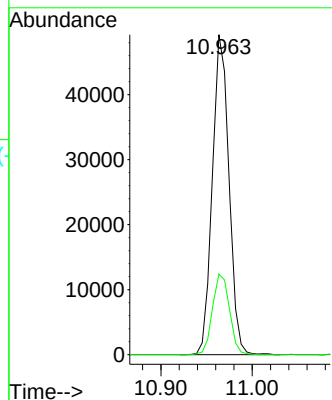
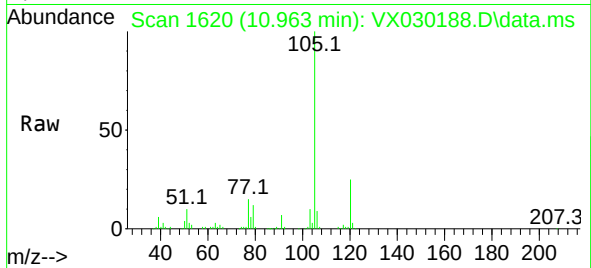




#73
Isopropylbenzene
Concen: 5.151 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

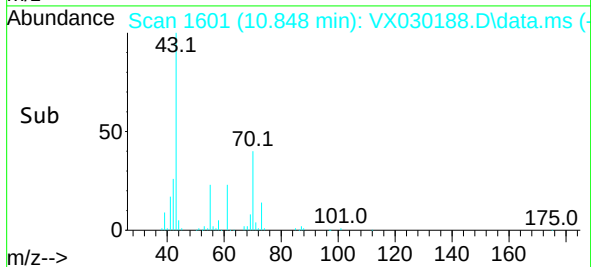
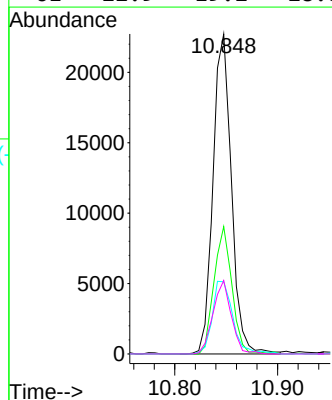
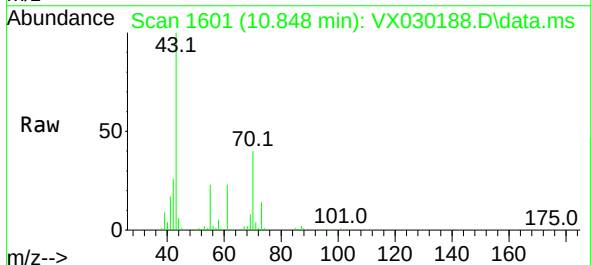
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

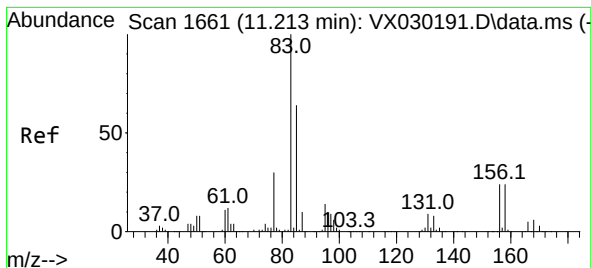
Tgt Ion:105 Resp: 62036
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4



#74
N-ethyl acetate
Concen: 4.840 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 43 Resp: 28240
Ion Ratio Lower Upper
43 100
70 38.7 32.3 48.5
55 25.4 18.4 27.6
61 22.9 19.2 28.8

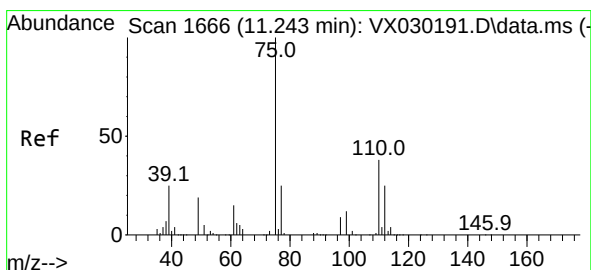
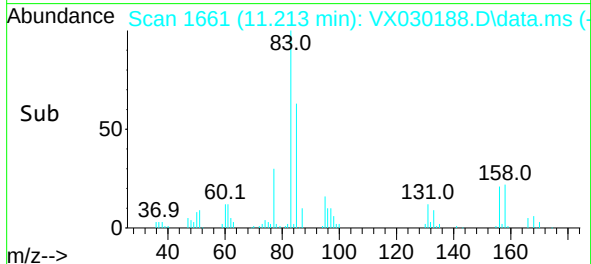
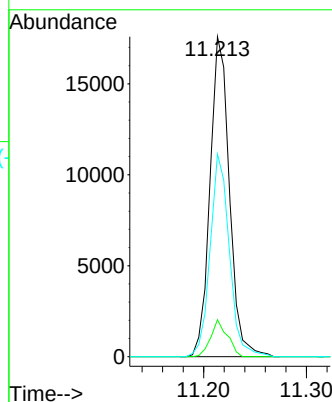
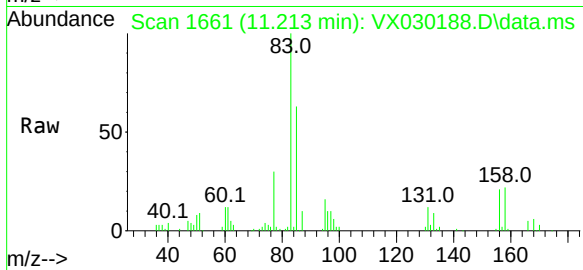




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.252 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

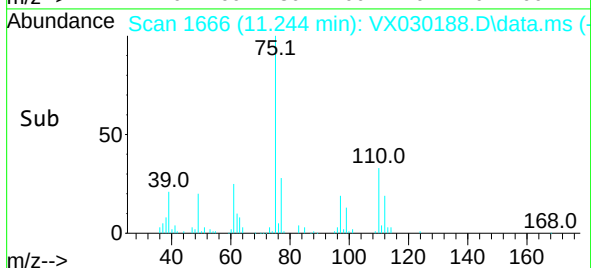
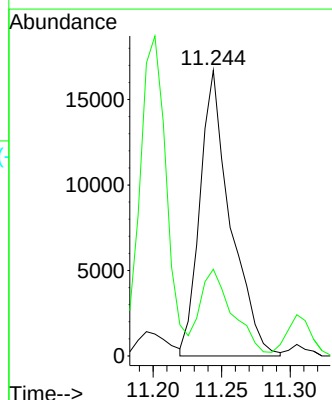
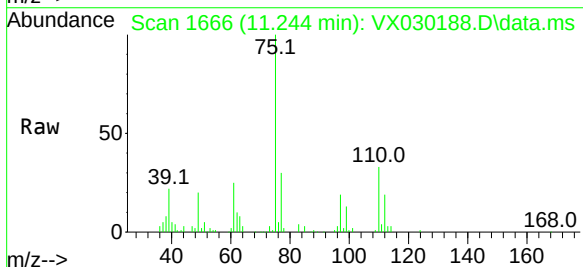
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

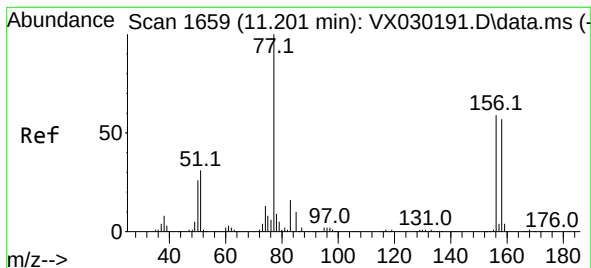
Tgt Ion: 83 Resp: 23063
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.5 13.7
 85 62.6 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 5.965 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

Tgt Ion: 75 Resp: 25847
 Ion Ratio Lower Upper
 75 100
 77 32.8 19.8 59.3





#77

Bromobenzene

Concen: 5.207 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

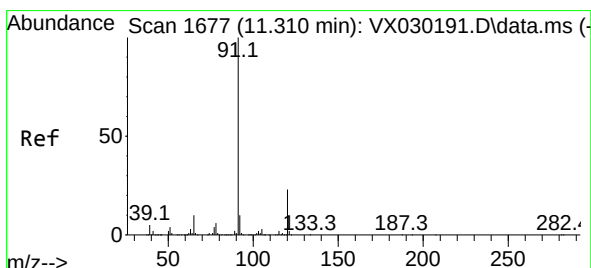
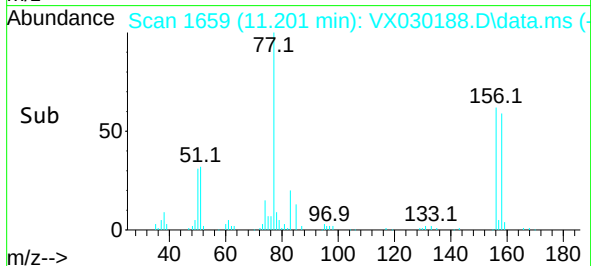
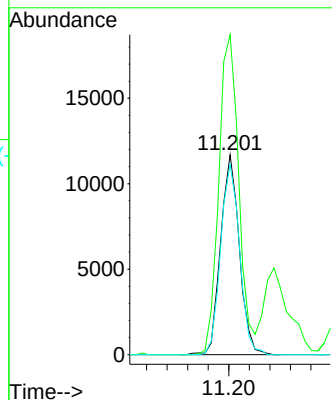
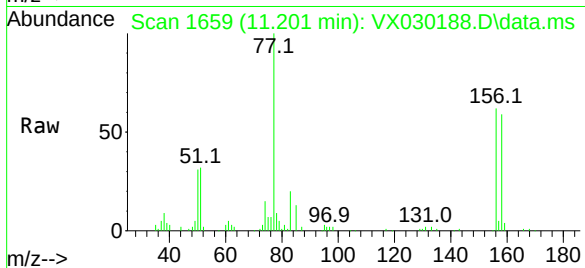
Tgt Ion:156 Resp: 14716

Ion Ratio Lower Upper

156 100

77 171.4 82.7 247.9

158 96.4 47.5 142.5



#78

n-propylbenzene

Concen: 5.047 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VX030188.D

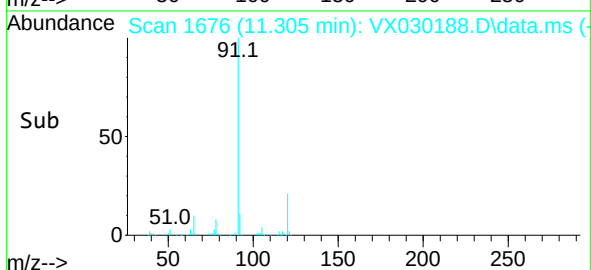
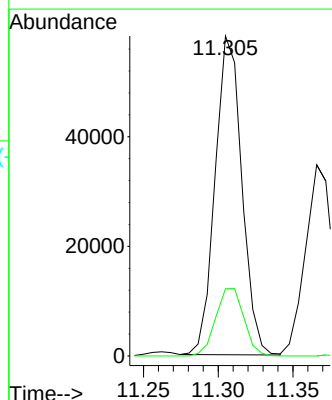
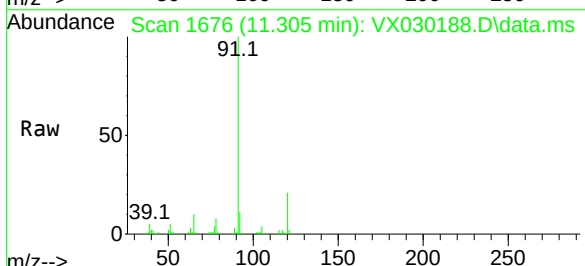
Acq: 25 Jul 2022 12:34

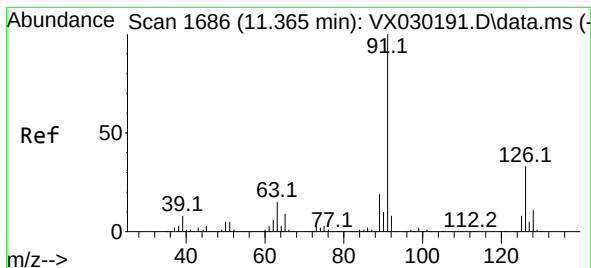
Tgt Ion: 91 Resp: 72250

Ion Ratio Lower Upper

91 100

120 22.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.860 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

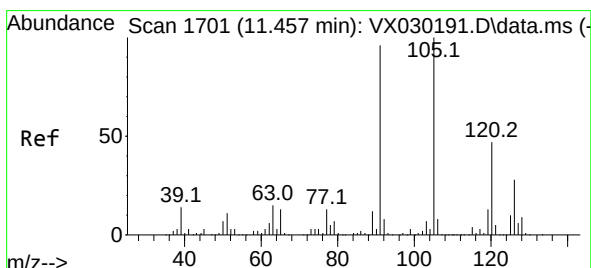
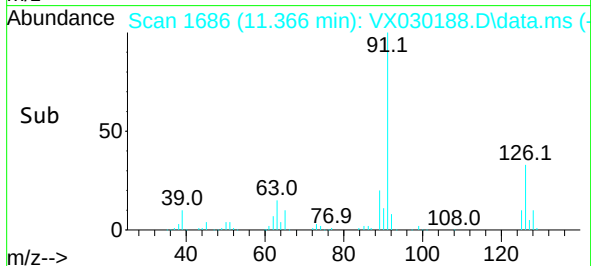
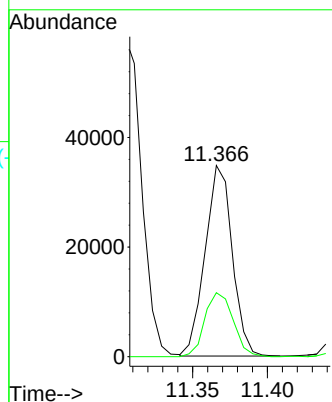
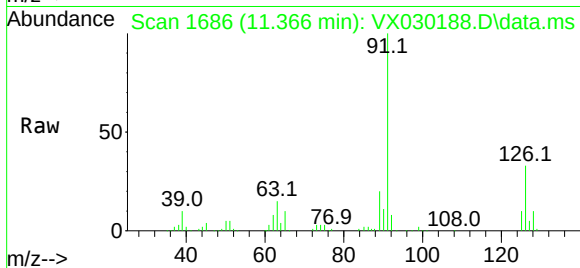
VSTDICC005

Tgt Ion: 91 Resp: 44002

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 5.112 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX030188.D

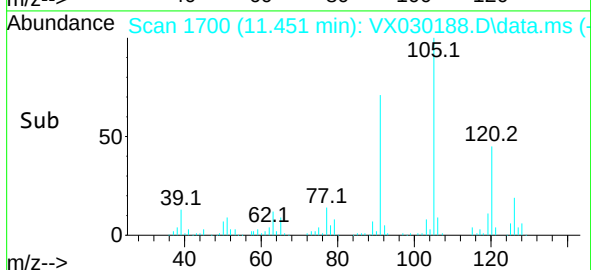
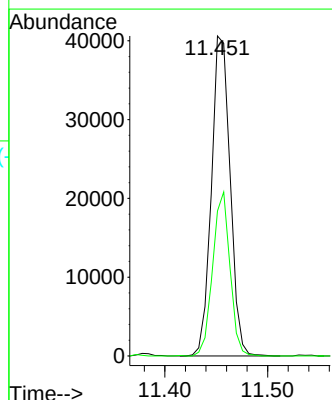
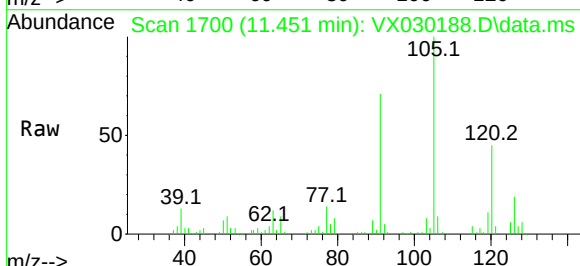
Acq: 25 Jul 2022 12:34

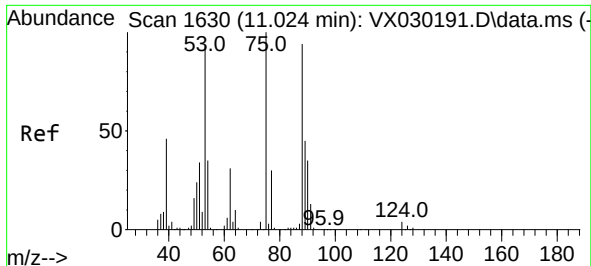
Tgt Ion: 105 Resp: 51366

Ion Ratio Lower Upper

105 100

120 47.2 24.4 73.2

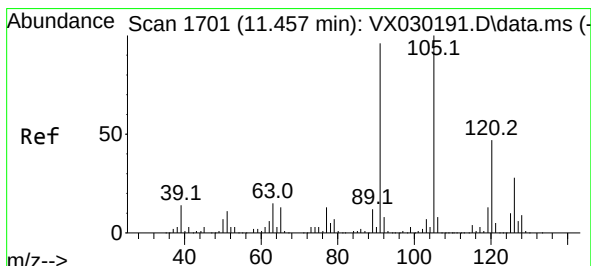
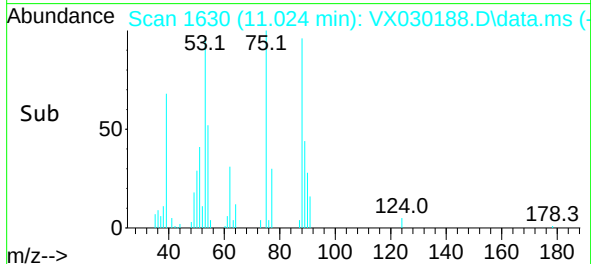
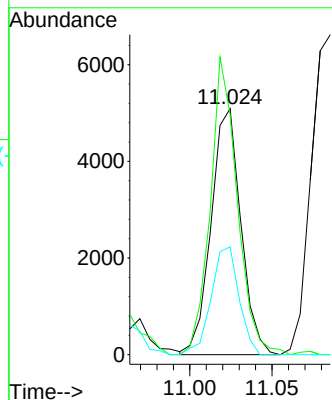
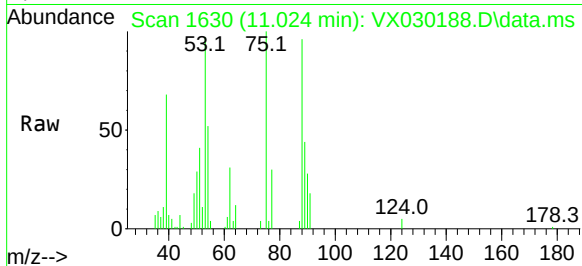




#81
trans-1,4-Dichloro-2-butene
Concen: 4.745 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

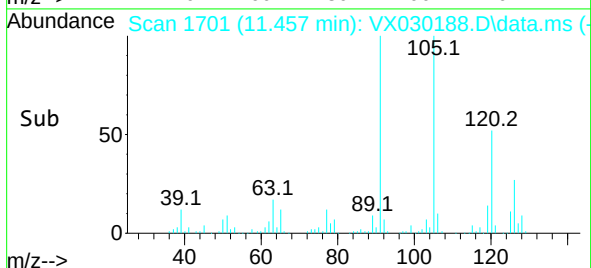
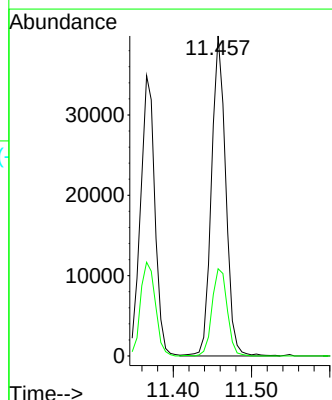
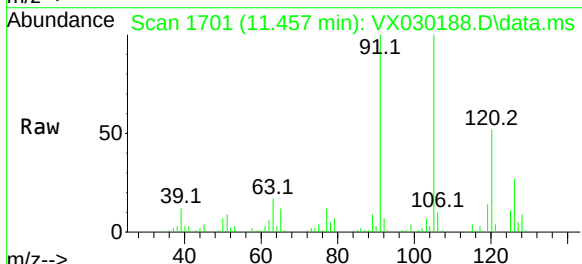
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

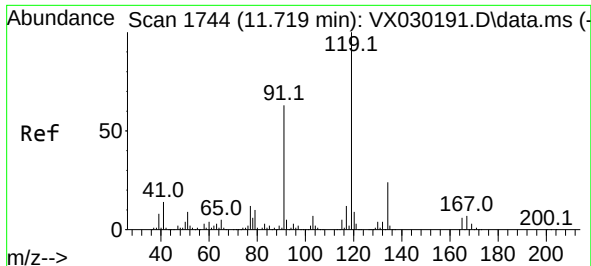
Tgt Ion: 75 Resp: 6408
Ion Ratio Lower Upper
75 100
53 110.2 74.2 111.4
89 40.9 34.8 52.2



#82
4-Chlorotoluene
Concen: 5.094 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 91 Resp: 50275
Ion Ratio Lower Upper
91 100
126 29.0 15.3 45.9

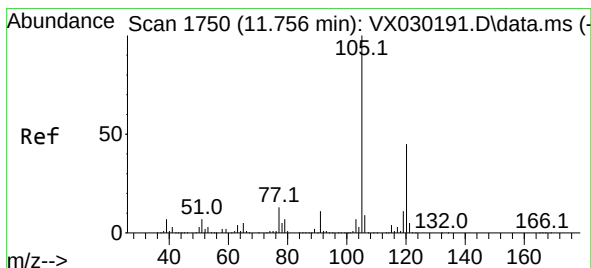
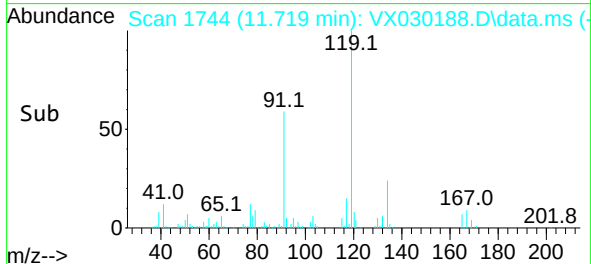
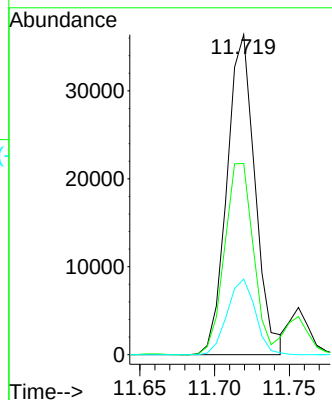
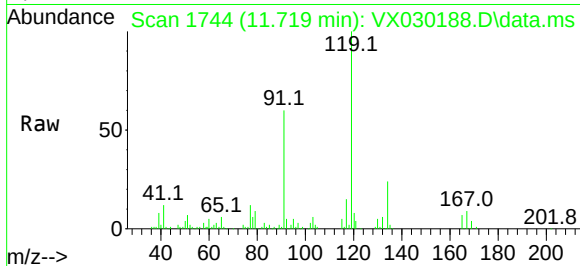




#83
tert-Butylbenzene
Concen: 5.103 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

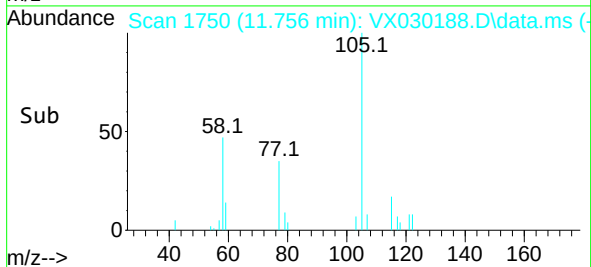
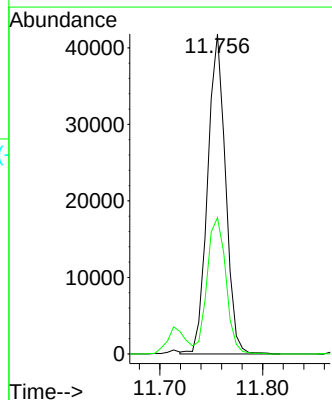
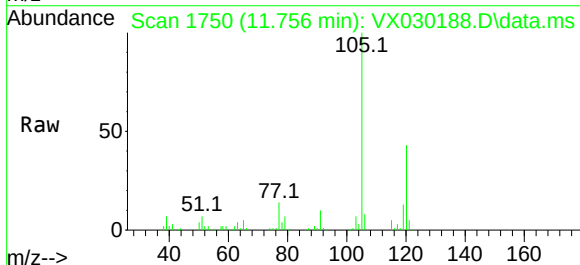
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

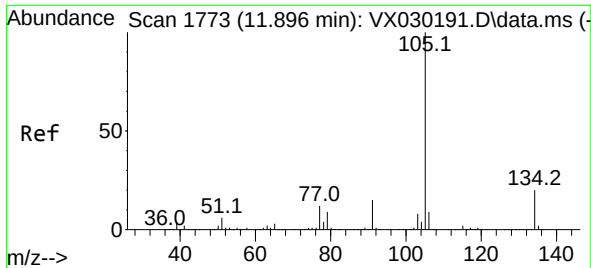
Tgt Ion:119 Resp: 47605
Ion Ratio Lower Upper
119 100
91 61.0 28.3 84.9
134 23.5 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 5.019 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:105 Resp: 50505
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.8

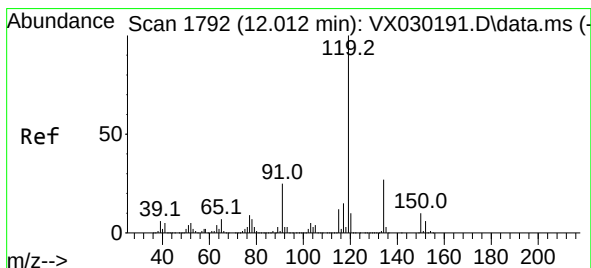
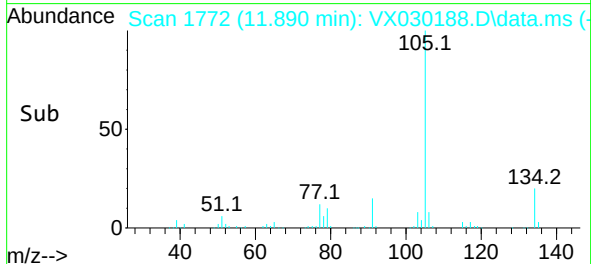
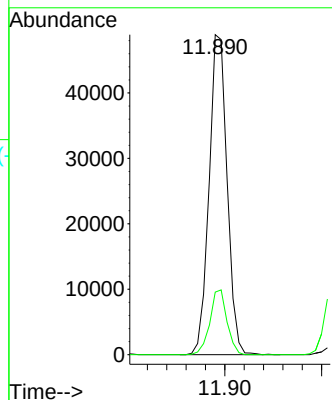
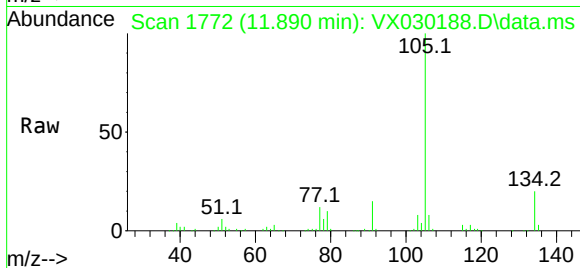




#85
 sec-Butylbenzene
 Concen: 4.952 ug/l
 RT: 11.890 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

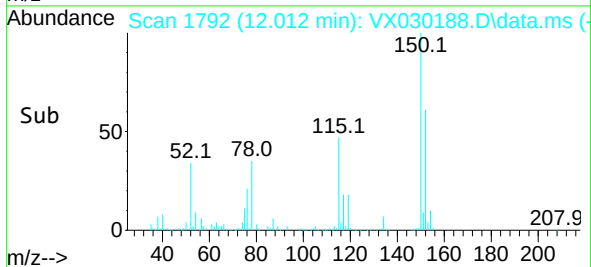
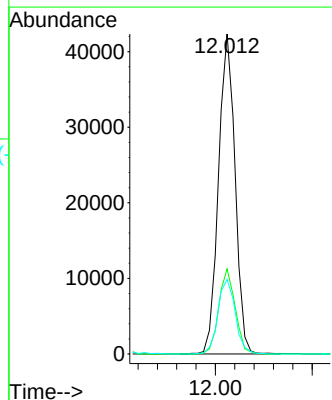
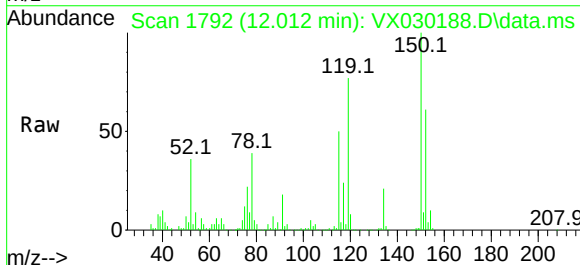
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

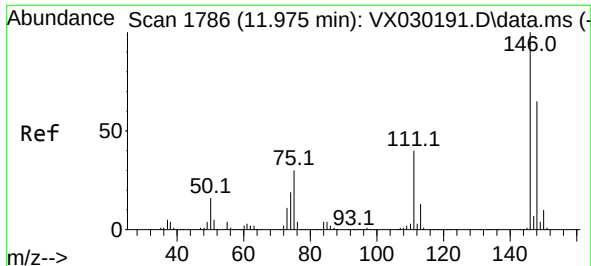
Tgt Ion:105 Resp: 63402
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 4.913 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030188.D
 Acq: 25 Jul 2022 12:34

Tgt Ion:119 Resp: 50275
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.9 41.6
 91 24.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.011 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

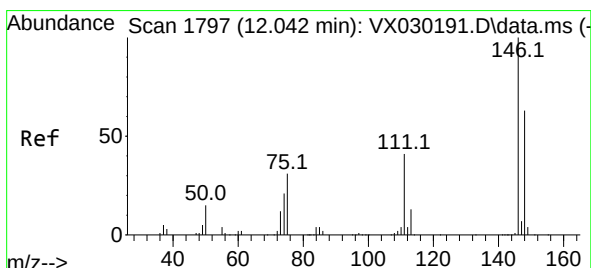
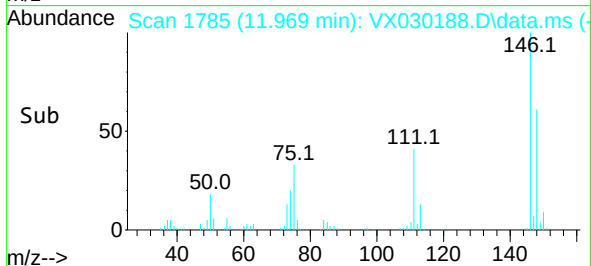
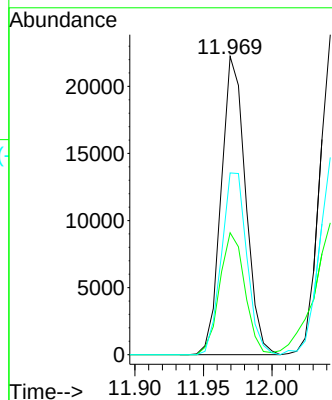
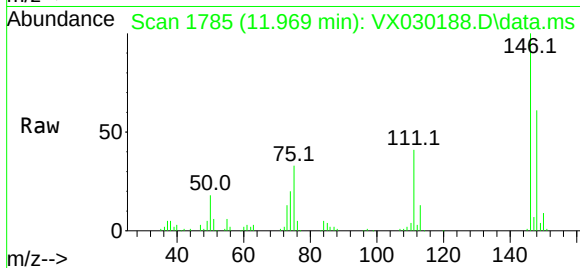
Tgt Ion:146 Resp: 27455

Ion Ratio Lower Upper

146 100

111 42.4 20.3 60.8

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.214 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

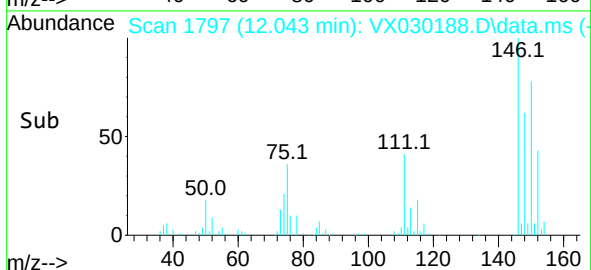
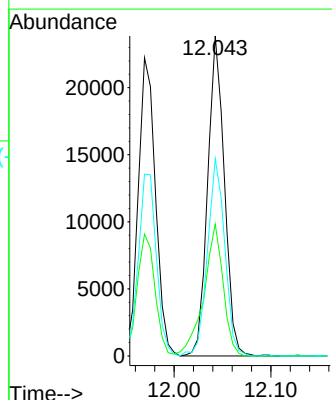
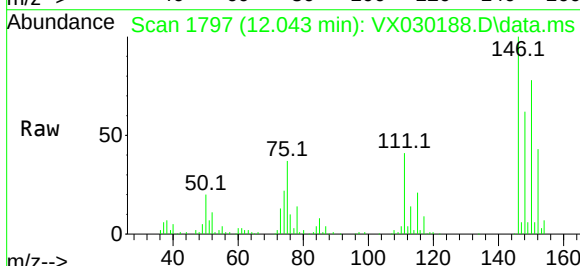
Tgt Ion:146 Resp: 28713

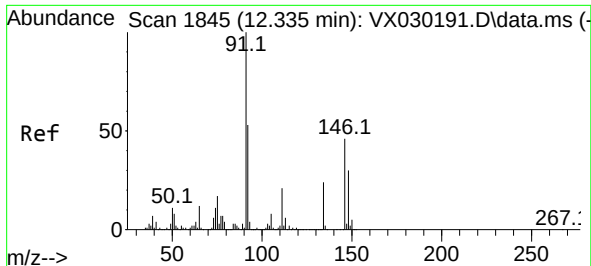
Ion Ratio Lower Upper

146 100

111 47.7 20.3 60.9

148 64.0 32.3 96.8

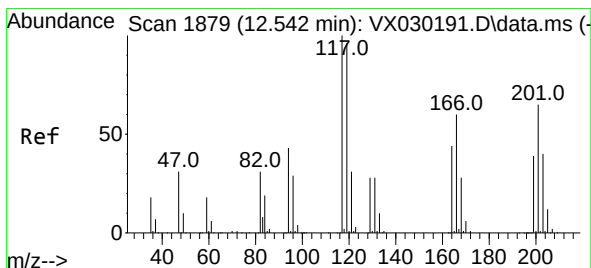
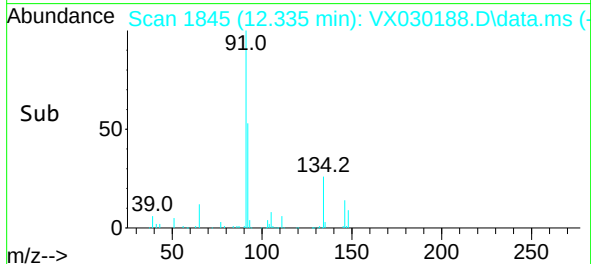
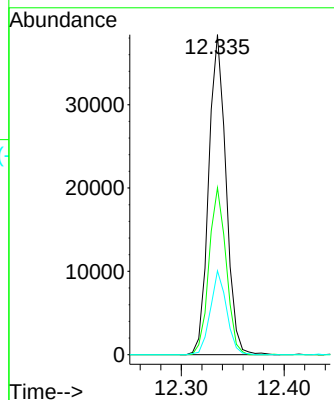
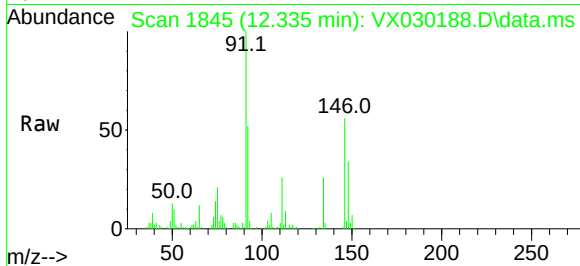




#89
n-Butylbenzene
Concen: 4.722 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

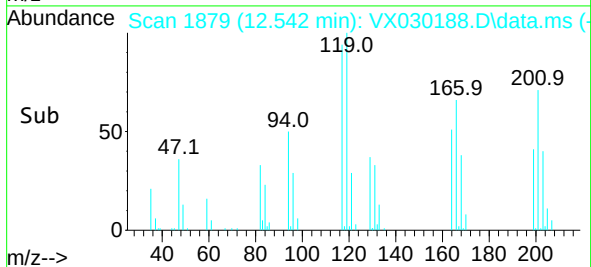
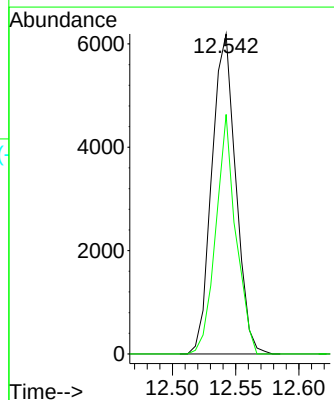
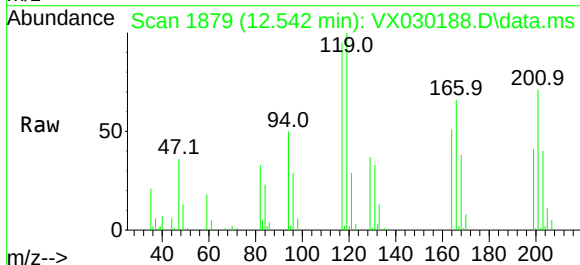
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

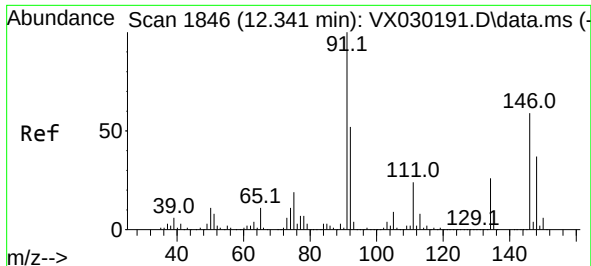
Tgt Ion: 91	Resp:	44884
Ion Ratio	Lower	Upper
91	100	
92	51.5	26.2 78.5
134	24.6	12.6 37.8



#90
Hexachloroethane
Concen: 4.622 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion: 117	Resp:	8144
Ion Ratio	Lower	Upper
117	100	
201	62.7	34.2 102.5





#91

1,2-Dichlorobenzene

Concen: 5.164 ug/l

RT: 12.335 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

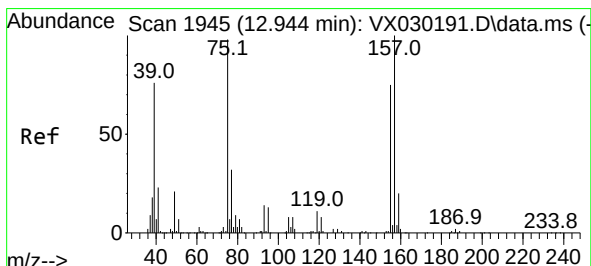
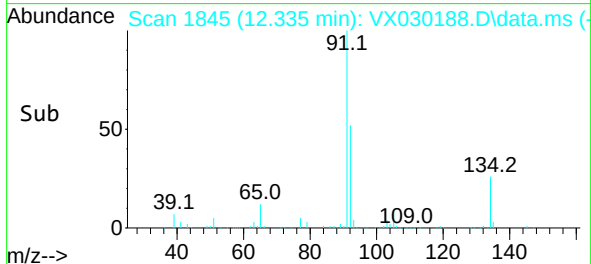
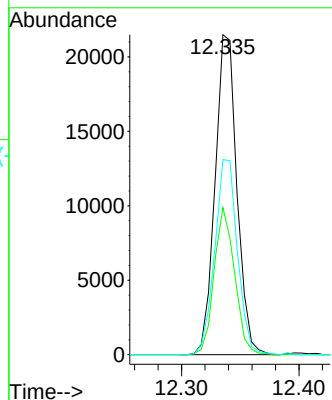
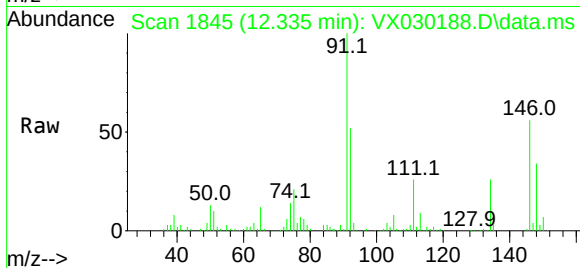
Tgt Ion:146 Resp: 27811

Ion Ratio Lower Upper

146 100

111 43.0 20.7 62.1

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.989 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

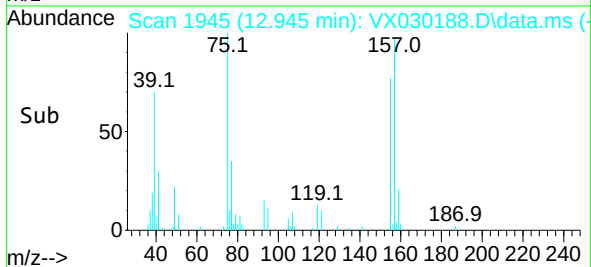
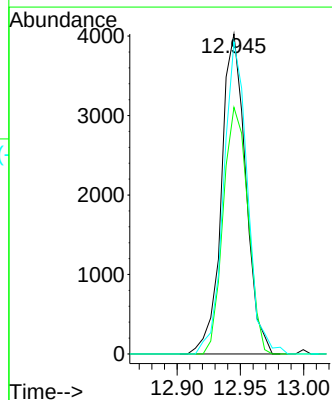
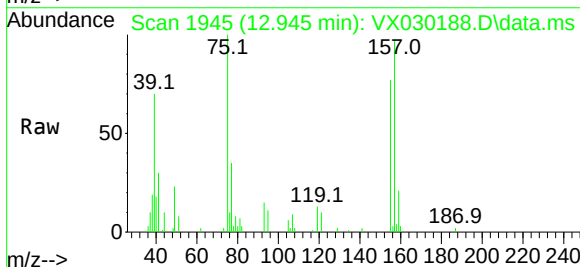
Tgt Ion: 75 Resp: 5362

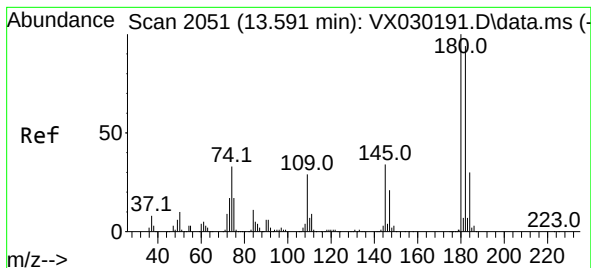
Ion Ratio Lower Upper

75 100

155 78.4 45.0 134.8

157 95.6 56.9 170.7

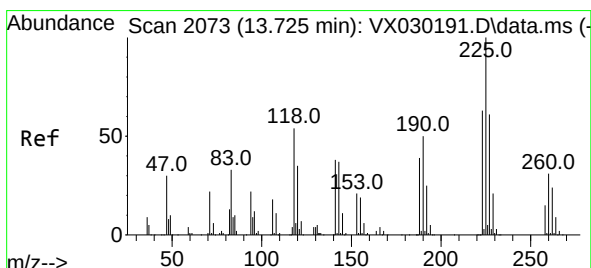
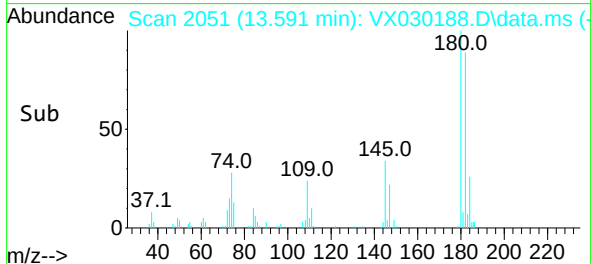
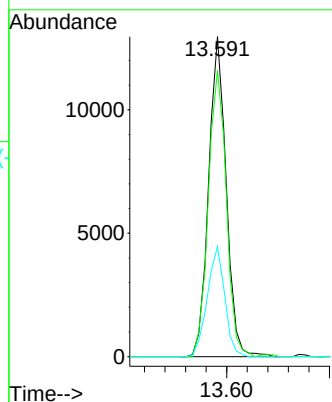
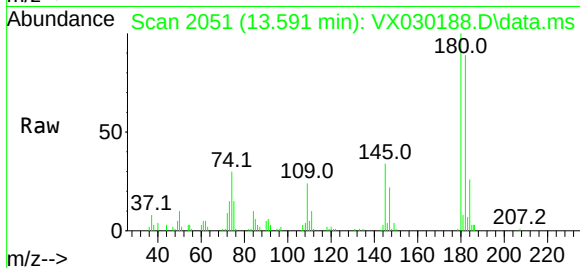




#93
1,2,4-Trichlorobenzene
Concen: 4.931 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

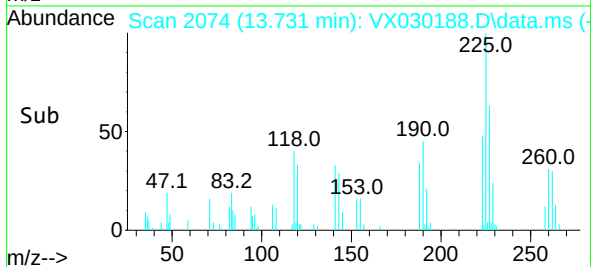
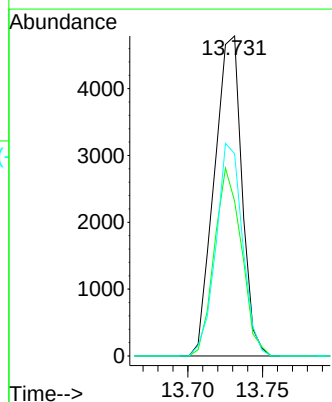
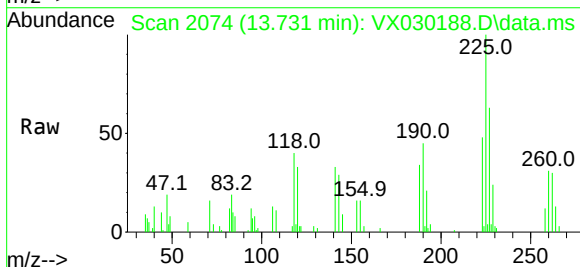
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

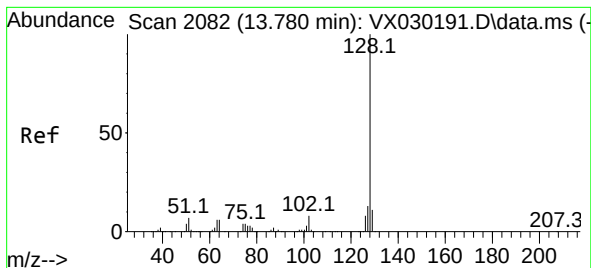
Tgt Ion:180 Resp: 15383
Ion Ratio Lower Upper
180 100
182 91.5 48.2 144.6
145 34.3 15.9 47.6



#94
Hexachlorobutadiene
Concen: 4.947 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.007 min
Lab File: VX030188.D
Acq: 25 Jul 2022 12:34

Tgt Ion:225 Resp: 6137
Ion Ratio Lower Upper
225 100
223 57.6 30.6 91.6
227 63.8 31.9 95.9





#95

Naphthalene

Concen: 4.840 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

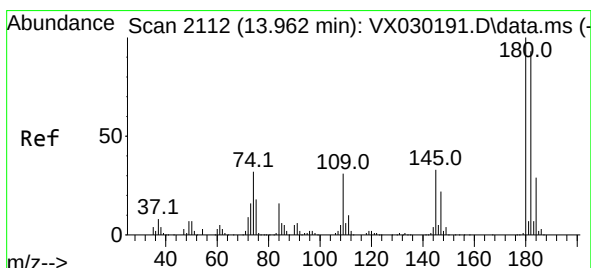
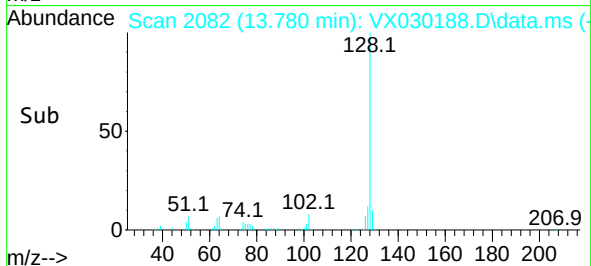
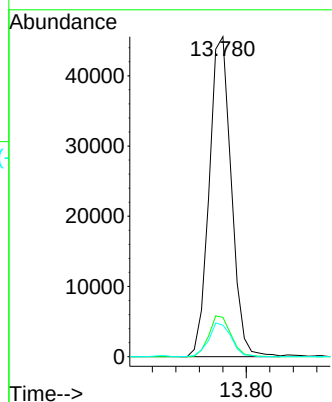
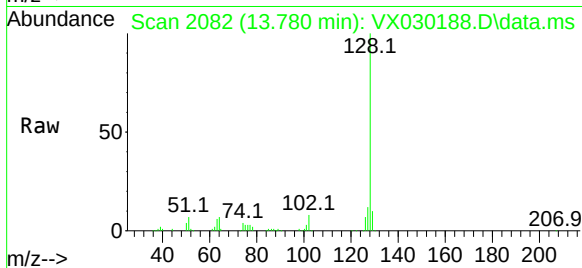
Tgt Ion:128 Resp: 59481

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 5.005 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030188.D

Acq: 25 Jul 2022 12:34

Tgt Ion:180 Resp: 16135

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 36.6 17.0 50.9

