

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031822.D
 Acq On : 30 Sep 2022 19:26
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Oct 03 01:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	19694	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	107353	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	101538	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	46339	31.262	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.200%	
60) 4-Bromofluorobenzene	11.079	95	56898	30.277	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.933%	
63) Toluene-d8	8.653	98	159249	30.872	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	15615	19.015	ug/l	100
3) Chloromethane	1.288	50	18255	21.214	ug/l	98
4) Vinyl Chloride	1.368	62	22702	19.668	ug/l	98
5) Bromomethane	1.612	94	20616	19.522	ug/l	92
6) Chloroethane	1.685	64	18518	18.194	ug/l	90
7) Trichlorofluoromethane	1.886	101	49211	19.950	ug/l	98
8) Diethyl Ether	2.130	74	16637	19.905	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	23286	19.891	ug/l	98
10) 1,1-Dichloroethene	2.319	96	20978	19.402	ug/l	99
11) Methyl Iodide	2.453	142	20302	17.152	ug/l	96
12) Methyl Acetate	2.703	43	25435	20.590	ug/l	96
13) Acrolein	2.239	56	9919	90.650	ug/l	96
14) Acrylonitrile	3.069	53	53035	101.147	ug/l	98
15) Acetone	2.392	58	14410	101.450	ug/l	90
16) Carbon Disulfide	2.514	76	42364	17.859	ug/l	99
17) Allyl chloride	2.666	41	24971	19.079	ug/l	97
18) Methylene Chloride	2.788	84	24710	19.969	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	23171	18.507	ug/l	98
20) Diisopropyl ether	3.764	45	59921	19.922	ug/l #	82
21) 1,1-Dichloroethane	3.611	63	39121	19.937	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	29469	19.485	ug/l	97
23) tert-Butyl Alcohol	2.989	59	18443	94.360	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	71211	19.163	ug/l	99
25) Chloroform	5.093	83	48028	19.936	ug/l	98
26) Cyclohexane	5.471	56	31117	19.224	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	31629	19.007	ug/l	98
30) 2-Butanone	4.562	43	68590	101.259	ug/l	99
31) 2,2-Dichloropropane	4.477	77	28670	17.206	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	41191	18.700	ug/l	99
33) Carbon Tetrachloride	5.678	117	37531	18.583	ug/l	96
34) Benzene	6.044	78	96094	19.513	ug/l	98
35) Methacrylonitrile	4.922	41	14132	19.965	ug/l	94
36) 1,2-Dichloroethane	6.086	62	34751	20.028	ug/l	99
37) Trichloroethene	7.129	130	29801	18.548	ug/l	97
38) Methylcyclohexane	7.385	83	38511	18.905	ug/l	98
39) 1,2-Dichloropropane	7.434	63	22769	20.229	ug/l	97
40) Dibromomethane	7.586	93	19315	19.619	ug/l	98
41) Bromodichloromethane	7.824	83	34503	19.323	ug/l	96
42) Vinyl Acetate	3.721	43	242395	99.233	ug/l	100

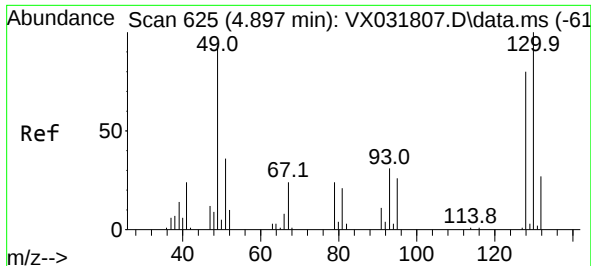
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031822.D
 Acq On : 30 Sep 2022 19:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 03 01:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	28703	21.089	ug/l	# 90
44) Isopropyl Acetate	6.348	43	42328	19.567	ug/l	100
45) 1,4-Dioxane	7.696	88	12452	402.254	ug/l	96
46) Methyl methacrylate	7.696	41	20740	20.540	ug/l	96
47) n-amyl Acetate	10.848	43	35520	19.119	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	30703	17.442	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	34744	17.993	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	27845	19.528	ug/l	98
51) Ethyl methacrylate	9.116	69	35259	19.075	ug/l	96
52) 1,3-Dichloropropane	9.311	76	43112	19.730	ug/l	99
53) Dibromochloromethane	9.525	129	29334	18.474	ug/l	97
54) 1,2-Dibromoethane	9.610	107	30396	19.243	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	92541	102.102	ug/l	100
56) Bromoform	10.799	173	19412	16.680	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	144490	105.848	ug/l	99
59) 2-Hexanone	9.433	43	107968	105.751	ug/l	98
61) Tetrachloroethene	9.275	164	29893	18.335	ug/l	95
62) Toluene	8.720	91	114999	19.781	ug/l	100
64) Chlorobenzene	10.079	112	76560	19.301	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	28192	18.747	ug/l	99
66) Ethyl Benzene	10.195	91	129330	19.739	ug/l	98
67) m/p-Xylenes	10.305	106	107068	39.244	ug/l	99
68) o-Xylene	10.640	106	52124	19.459	ug/l	99
69) Styrene	10.659	104	83996	19.307	ug/l	99
70) Isopropylbenzene	10.963	105	137956	19.818	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	40658	20.492	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	40377	23.465	ug/l	90
73) Bromobenzene	11.201	156	35389	18.955	ug/l	99
74) n-propylbenzene	11.305	91	151357	19.779	ug/l	99
75) 2-Chlorotoluene	11.366	91	92058	20.009	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	117003	19.940	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	7729	15.511	ug/l	86
78) 4-Chlorotoluene	11.457	91	105250	20.067	ug/l	100
79) tert-butylbenzene	11.713	119	114125	19.349	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	119087	20.466	ug/l	98
81) sec-Butylbenzene	11.890	105	140957	19.514	ug/l	99
82) p-Isopropyltoluene	12.012	119	121130	19.080	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	66607	18.855	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	69142	19.086	ug/l	99
85) n-Butylbenzene	12.335	91	94048	19.211	ug/l	99
86) Hexachloroethane	12.536	117	17462	17.520	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	67989	19.290	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	7947	19.961	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	40283	17.664	ug/l	98
90) Hexachlorobutadiene	13.725	225	15783	17.227	ug/l	99
91) Naphthalene	13.774	128	139267	19.087	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	41681	18.453	ug/l	96

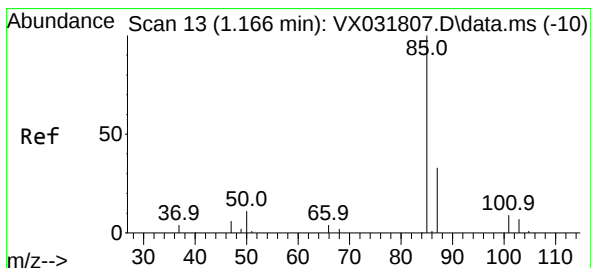
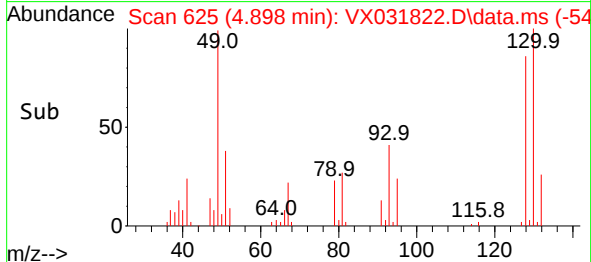
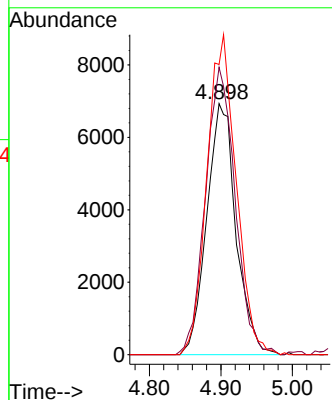
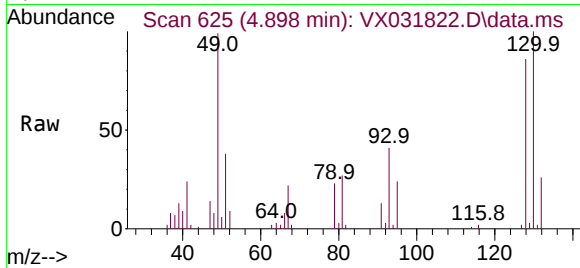
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

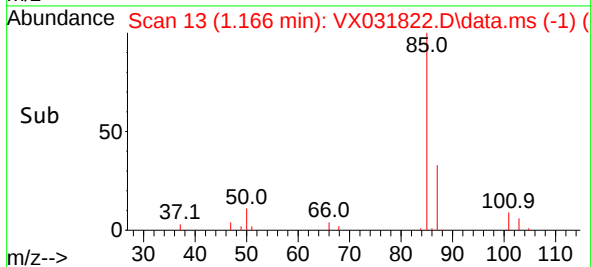
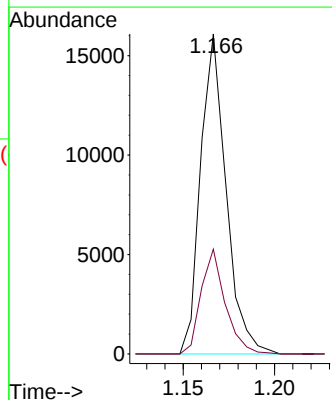
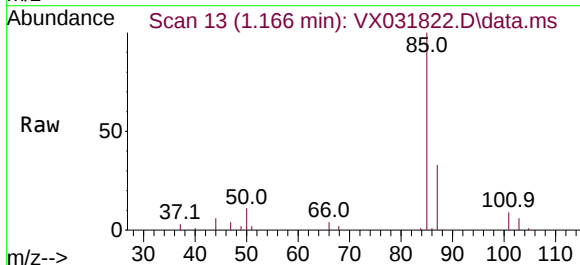
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

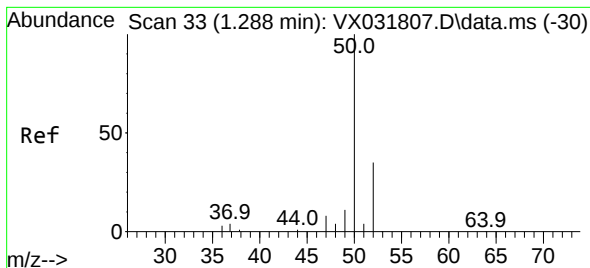
Tgt Ion:	128	Resp:	19694
Ion	Ratio	Lower	Upper
128	100		
49	115.8	0.0	293.0
130	127.2	0.0	321.5



#2
Dichlorodifluoromethane
Concen: 19.015 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion:	85	Resp:	15615
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.5	49.5





#3

Chloromethane

Concen: 21.214 ug/l

RT: 1.288 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

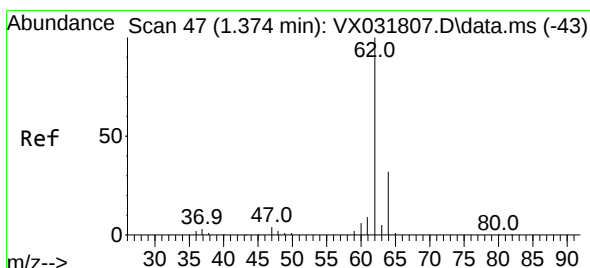
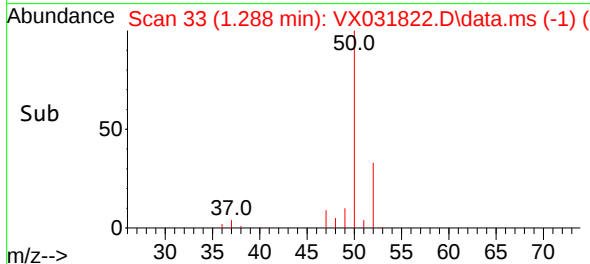
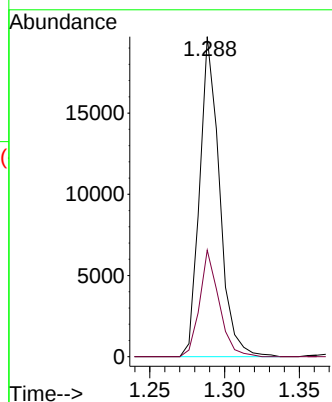
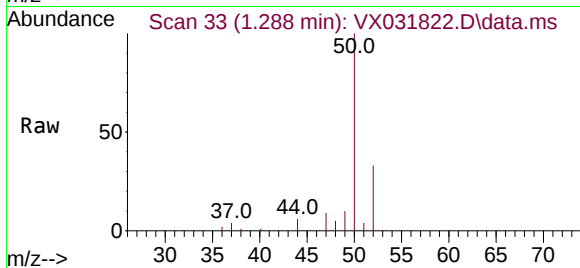
VSTDCCC020EC

Tgt Ion: 50 Resp: 18255

Ion Ratio Lower Upper

50 100

52 33.3 27.6 41.4



#4

Vinyl Chloride

Concen: 19.668 ug/l

RT: 1.368 min Scan# 46

Delta R.T. -0.006 min

Lab File: VX031822.D

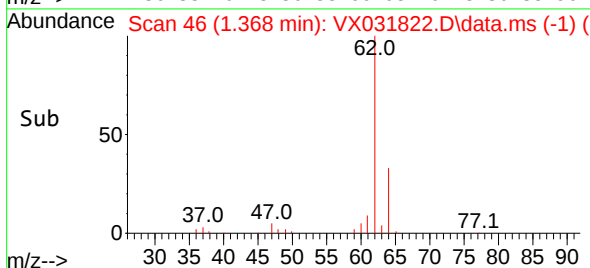
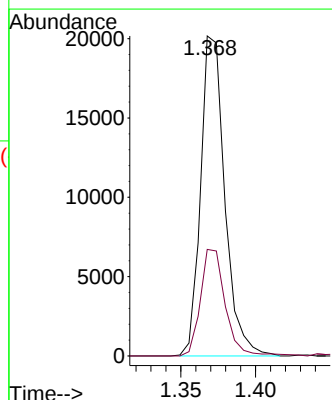
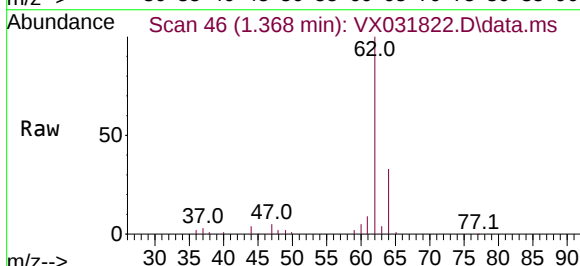
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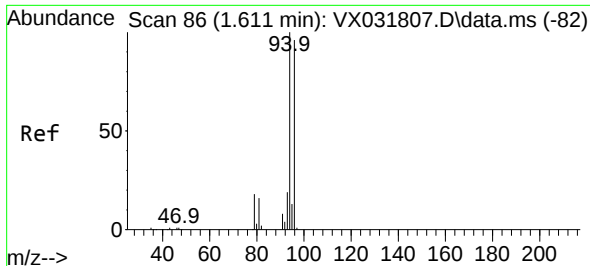
Tgt Ion: 62 Resp: 22702

Ion Ratio Lower Upper

62 100

64 33.3 25.7 38.5

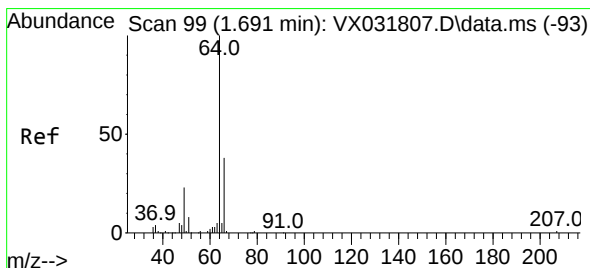
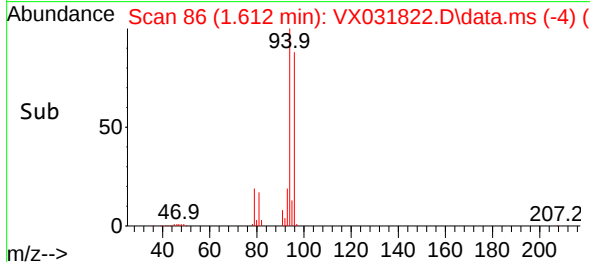
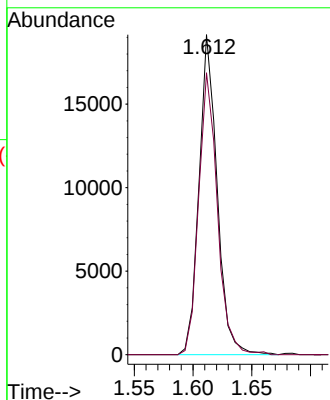
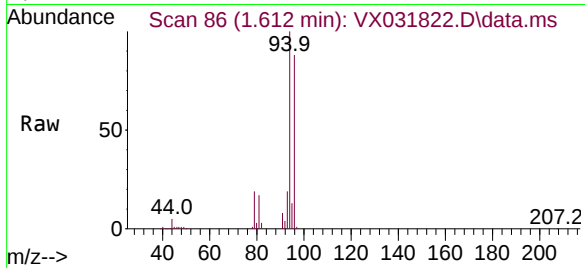




#5
Bromomethane
Concen: 19.522 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

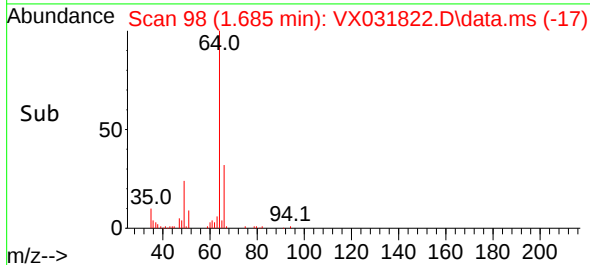
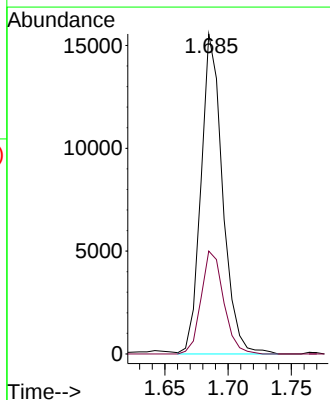
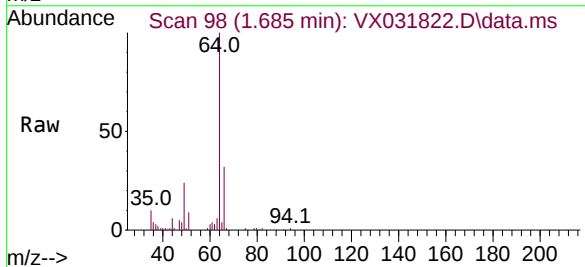
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

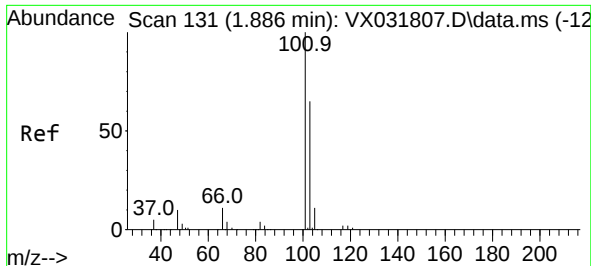
Tgt Ion: 94 Resp: 20616
Ion Ratio Lower Upper
94 100
96 88.1 76.8 115.2



#6
Chloroethane
Concen: 18.194 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 64 Resp: 18518
Ion Ratio Lower Upper
64 100
66 32.2 30.6 46.0

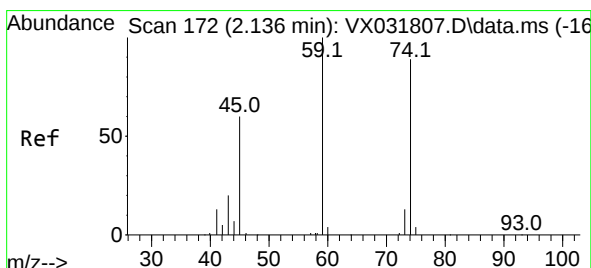
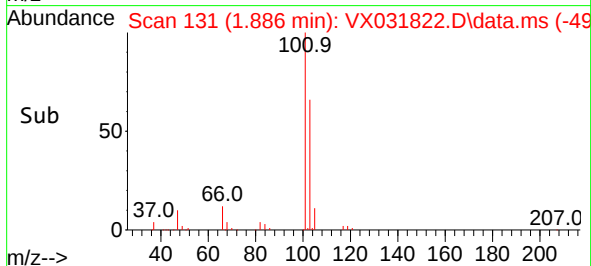
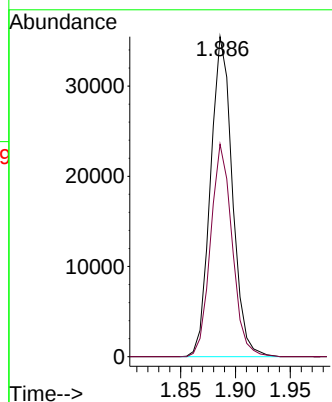
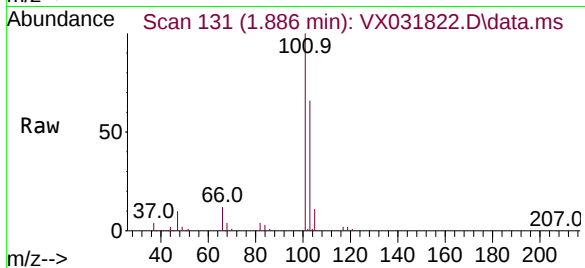




#7
Trichlorofluoromethane
Concen: 19.950 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

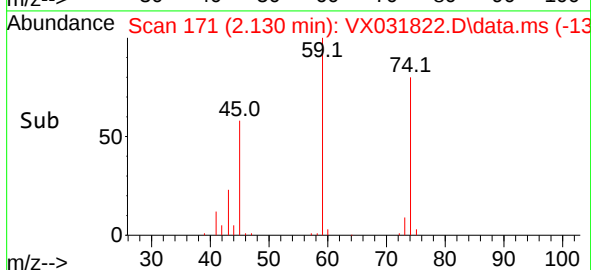
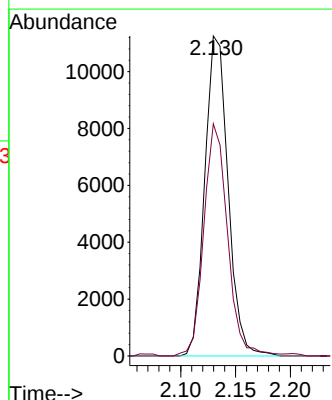
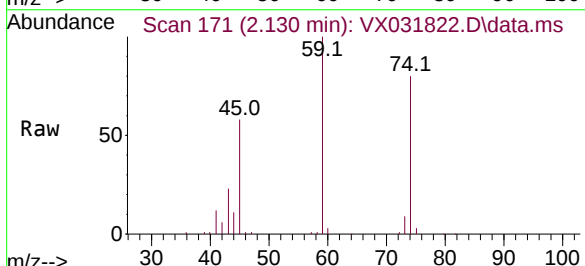
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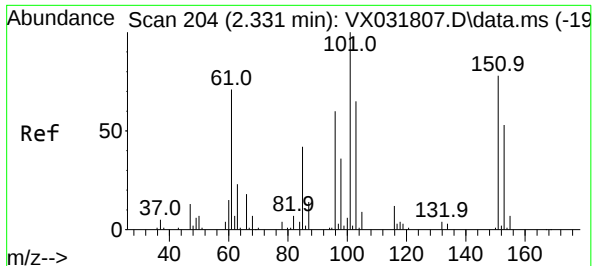
Tgt Ion:101 Resp: 49211
Ion Ratio Lower Upper
101 100
103 66.4 51.7 77.5



#8
Diethyl Ether
Concen: 19.905 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 74 Resp: 16637
Ion Ratio Lower Upper
74 100
45 73.7 14.2 127.8

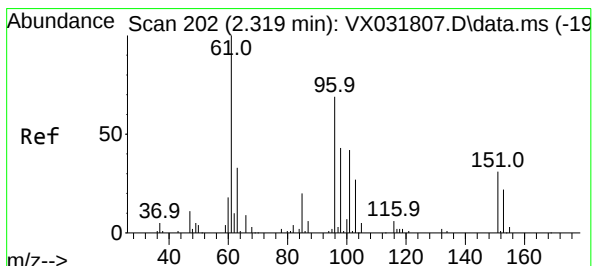
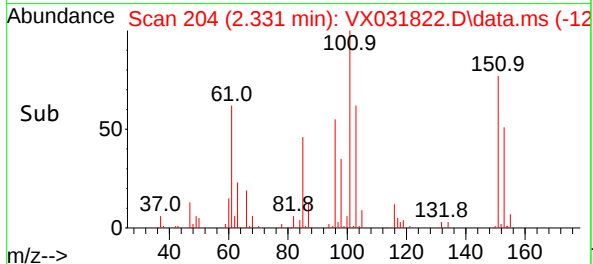
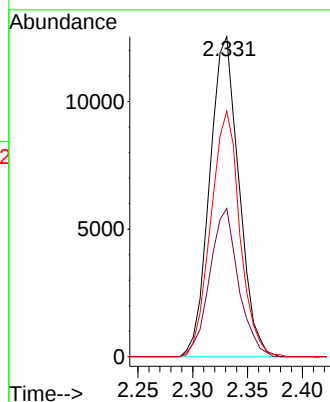
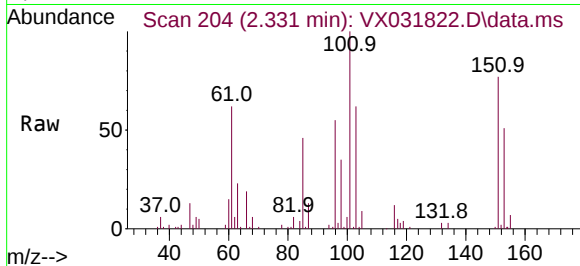




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.891 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

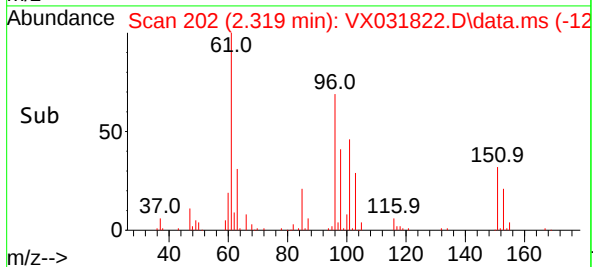
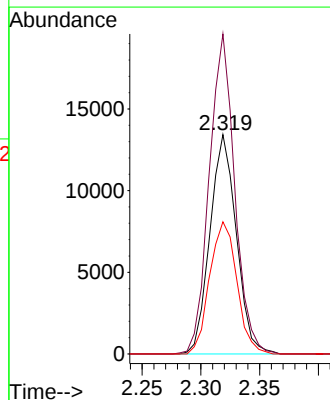
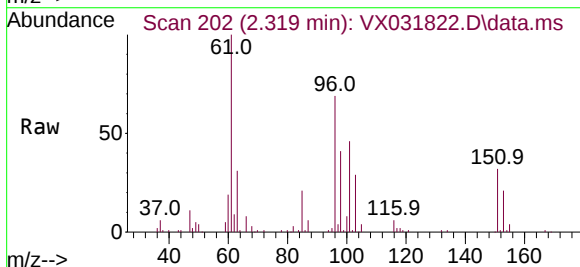
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

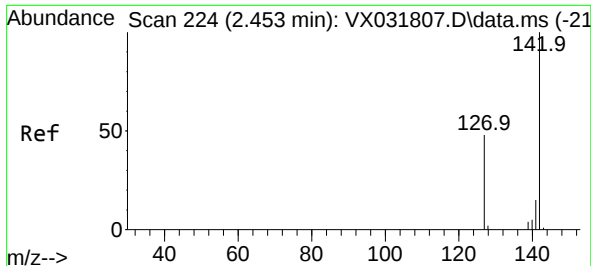
Tgt Ion:101 Resp: 23286
Ion Ratio Lower Upper
101 100
85 45.5 0.0 88.8
151 76.2 0.0 156.6



#10
1,1-Dichloroethene
Concen: 19.402 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

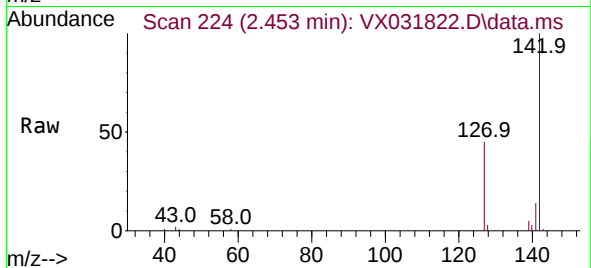
Tgt Ion: 96 Resp: 20978
Ion Ratio Lower Upper
96 100
61 145.9 115.8 173.6
98 60.3 49.7 74.5



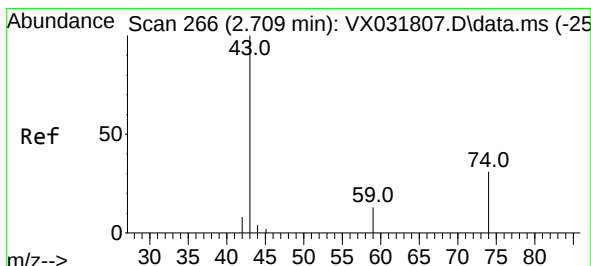
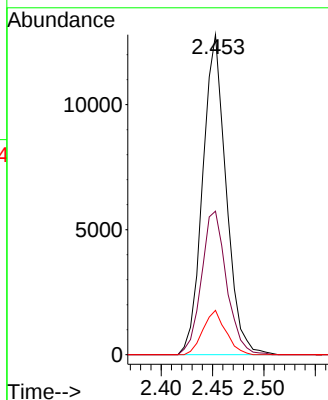
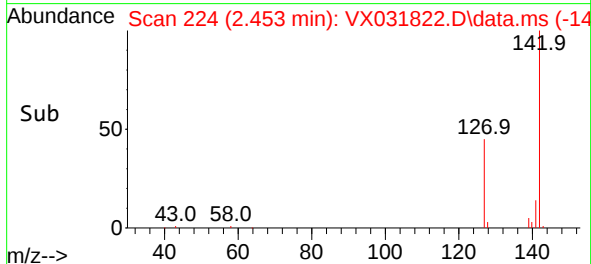


#11
Methyl Iodide
Concen: 17.152 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

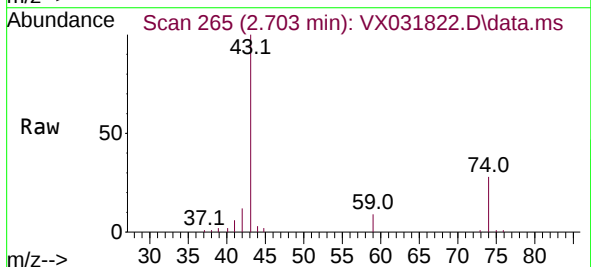
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



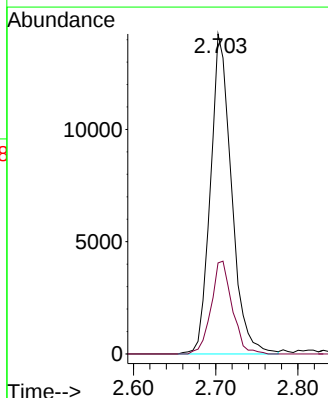
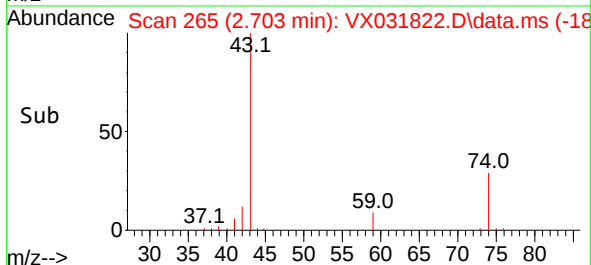
Tgt Ion:142 Resp: 20302
Ion Ratio Lower Upper
142 100
127 44.8 23.8 71.2
141 13.8 7.6 22.8

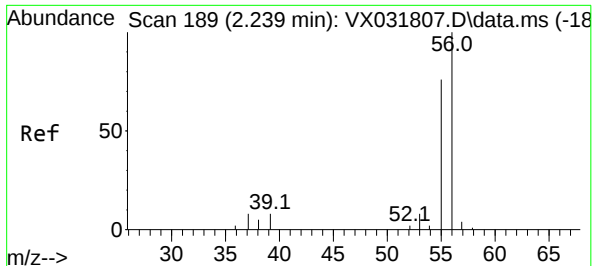


#12
Methyl Acetate
Concen: 20.590 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26



Tgt Ion: 43 Resp: 25435
Ion Ratio Lower Upper
43 100
74 28.5 24.8 37.2

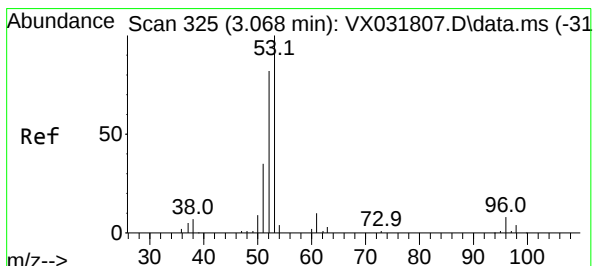
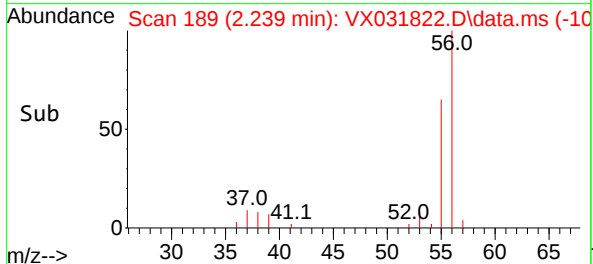
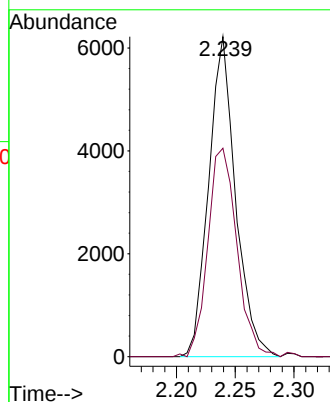
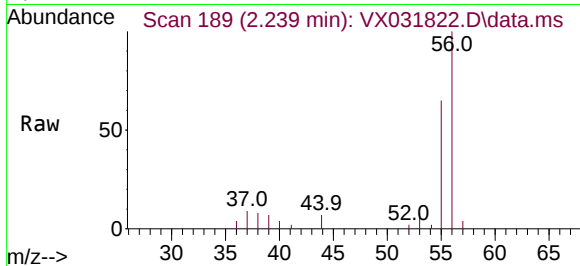




#13
Acrolein
Concen: 90.650 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

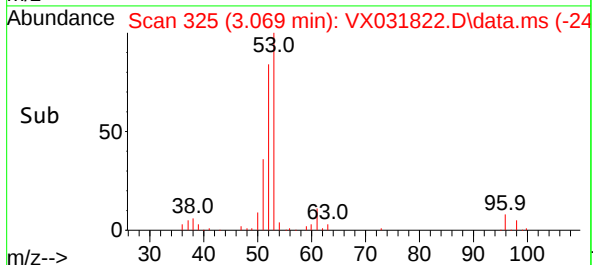
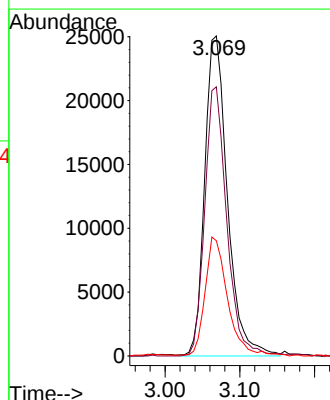
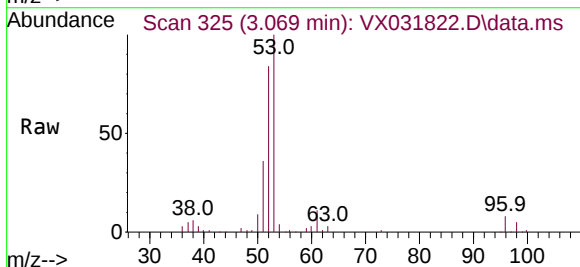
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

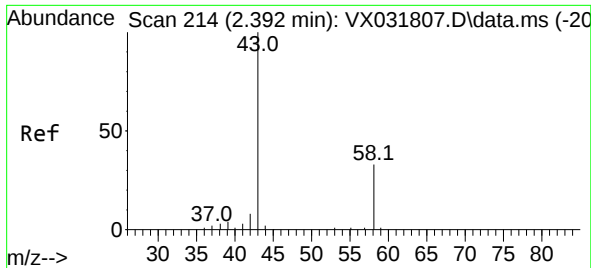
Tgt Ion: 56 Resp: 9919
Ion Ratio Lower Upper
56 100
55 69.8 58.4 87.6



#14
Acrylonitrile
Concen: 101.147 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 53 Resp: 53035
Ion Ratio Lower Upper
53 100
52 81.2 41.5 124.5
51 35.6 18.3 54.9

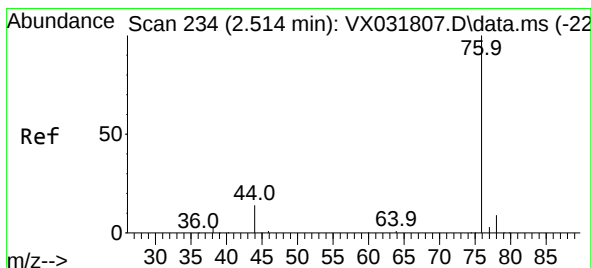
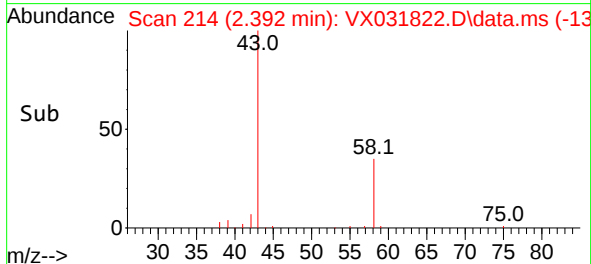
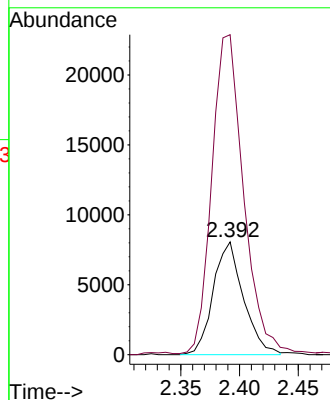
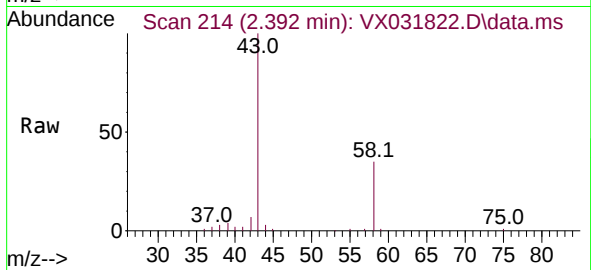




#15
Acetone
Concen: 101.450 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

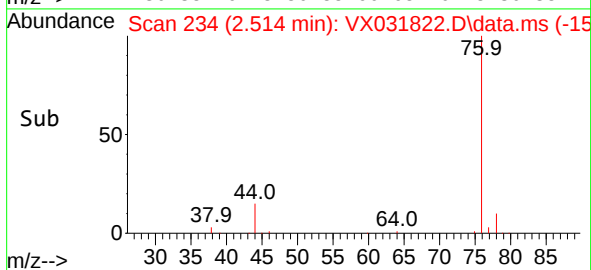
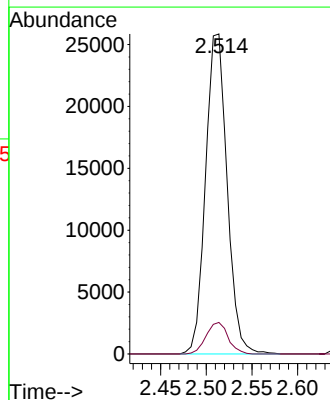
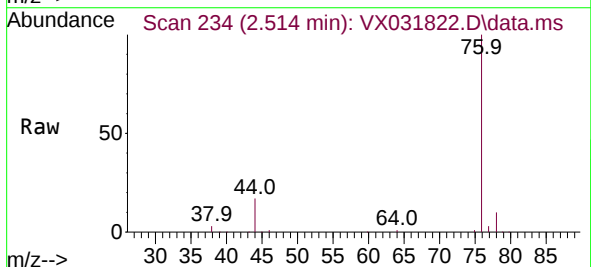
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

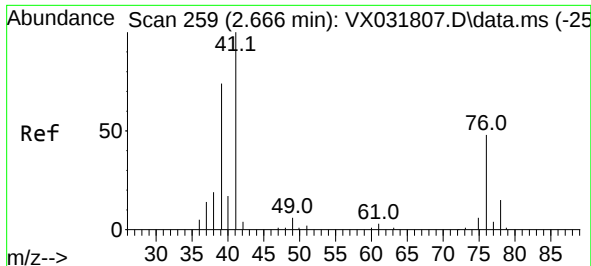
Tgt Ion: 58 Resp: 14410
Ion Ratio Lower Upper
58 100
43 282.6 242.6 364.0



#16
Carbon Disulfide
Concen: 17.859 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 76 Resp: 42364
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3





#17

Allyl chloride

Concen: 19.079 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

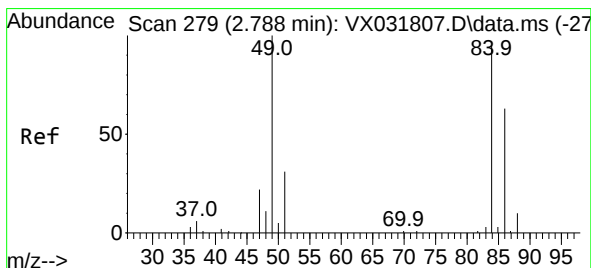
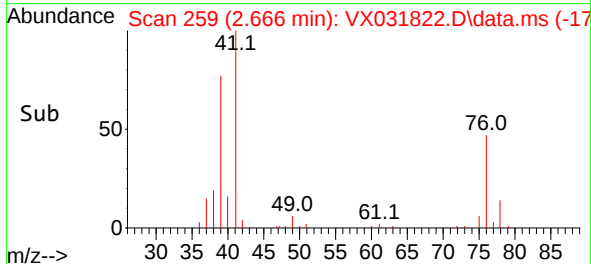
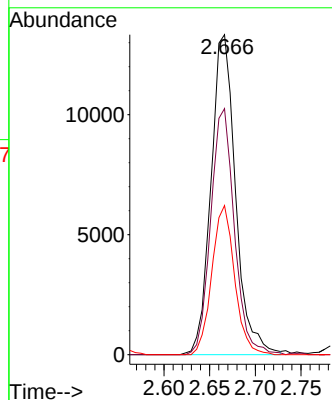
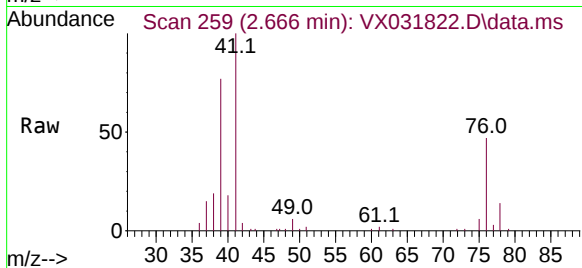
Tgt Ion: 41 Resp: 24971

Ion Ratio Lower Upper

41 100

39 76.9 37.0 111.0

76 46.6 23.8 71.5



#18

Methylene Chloride

Concen: 19.969 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Tgt Ion: 84 Resp: 24710

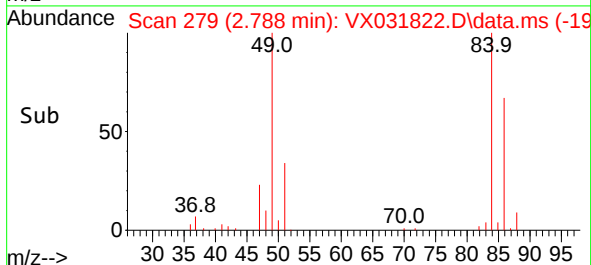
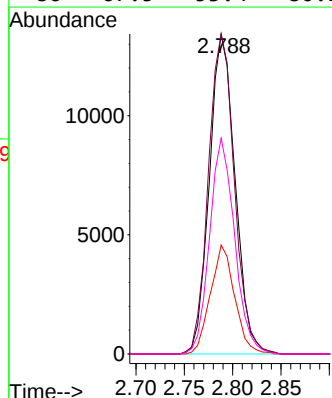
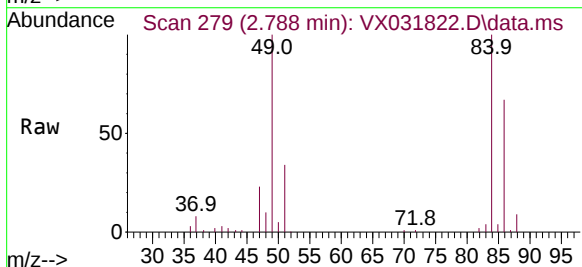
Ion Ratio Lower Upper

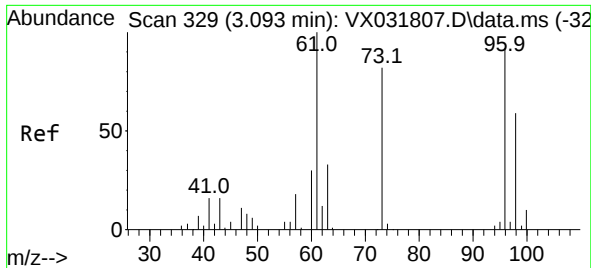
84 100

49 100.2 84.6 127.0

51 34.1 26.5 39.7

86 67.5 53.4 80.2

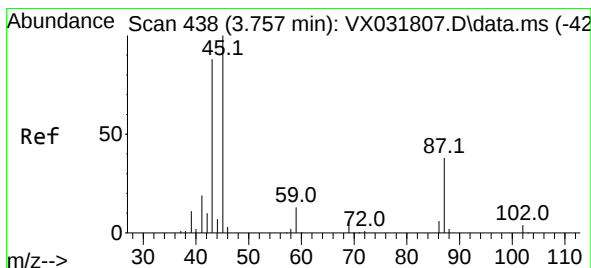
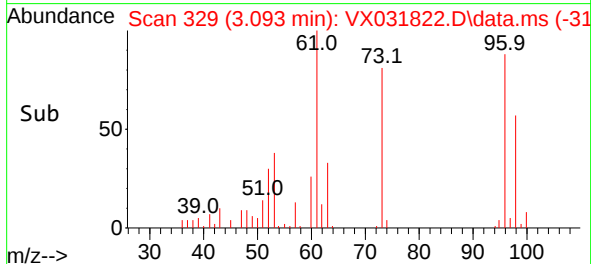
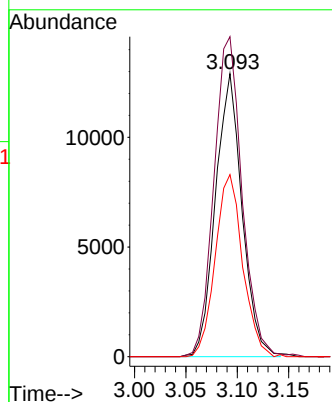
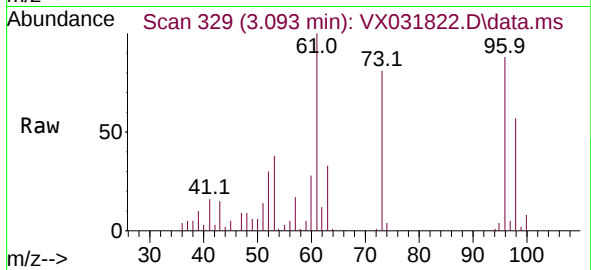




#19
trans-1,2-Dichloroethene
Concen: 18.507 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

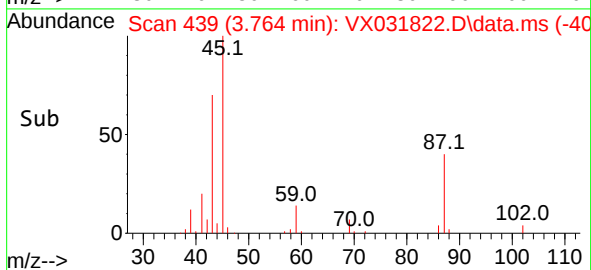
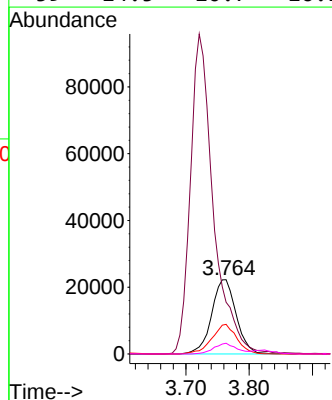
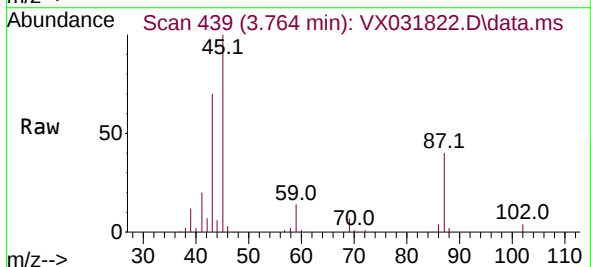
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

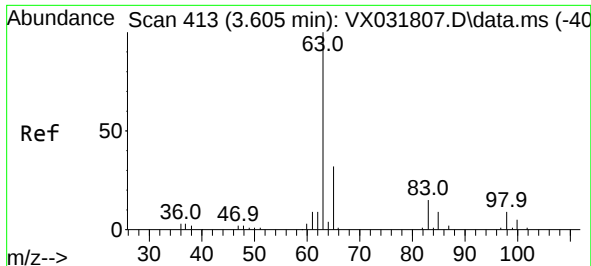
Tgt Ion: 96 Resp: 23171
Ion Ratio Lower Upper
96 100
61 113.1 87.4 131.0
98 64.3 51.5 77.3



#20
Diisopropyl ether
Concen: 19.922 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 45 Resp: 59921
Ion Ratio Lower Upper
45 100
43 68.4 74.5 111.7#
87 39.9 30.4 45.6
59 14.5 10.7 16.1

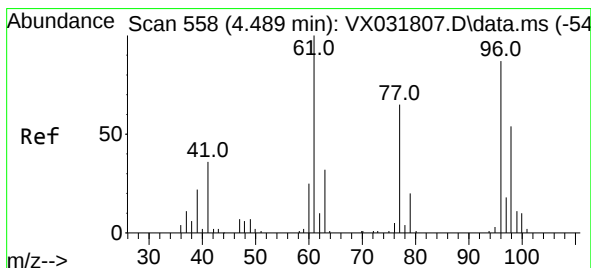
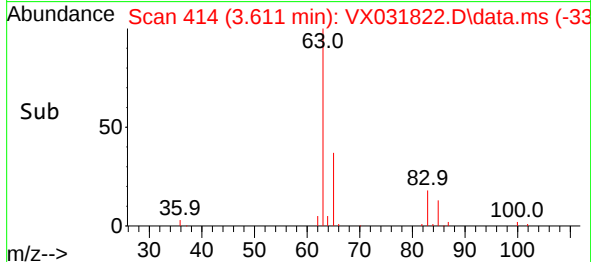
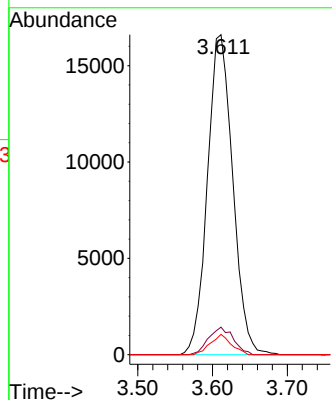
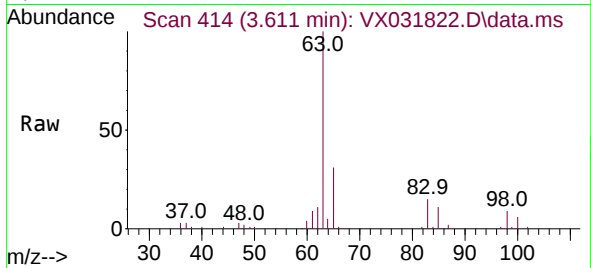




#21
1,1-Dichloroethane
Concen: 19.937 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

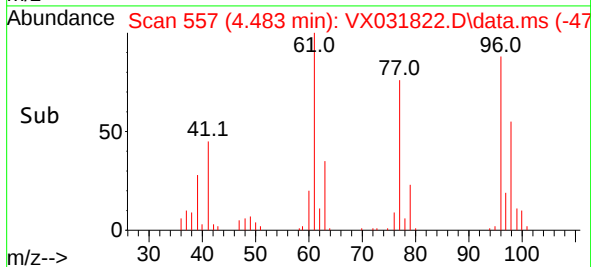
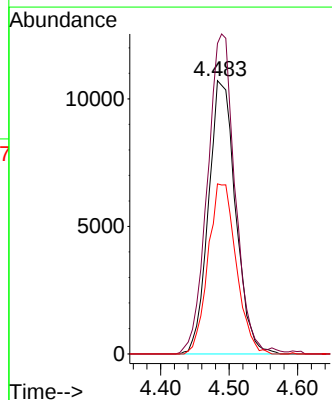
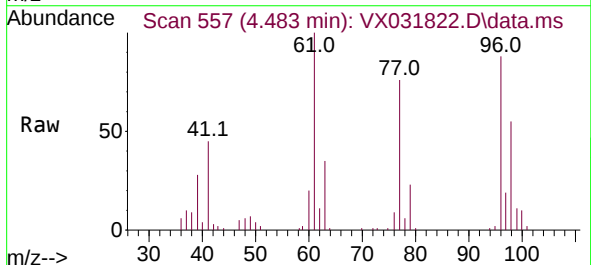
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

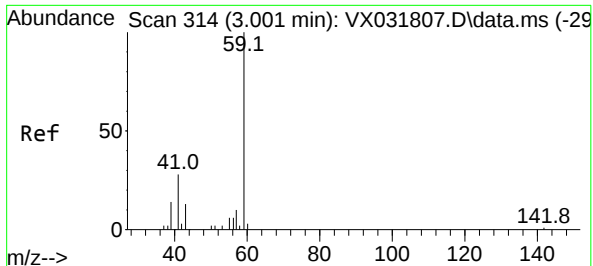
Tgt Ion: 63 Resp: 39121
Ion Ratio Lower Upper
63 100
98 8.6 4.5 13.7
100 6.3 2.8 8.3



#22
cis-1,2-Dichloroethene
Concen: 19.485 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 96 Resp: 29469
Ion Ratio Lower Upper
96 100
61 118.7 98.0 147.0
98 64.2 52.2 78.4

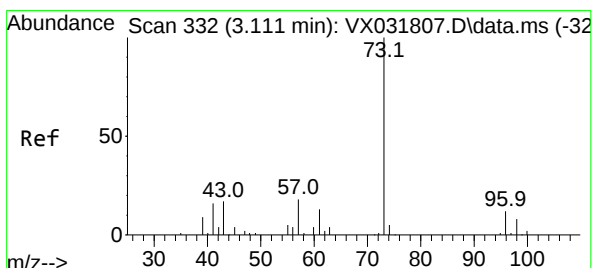
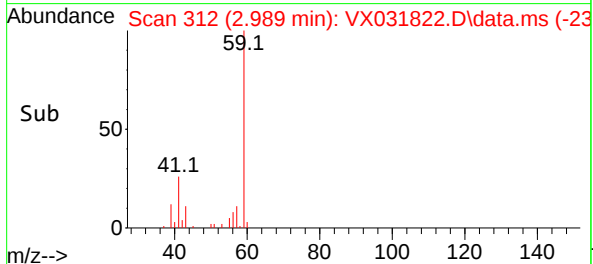
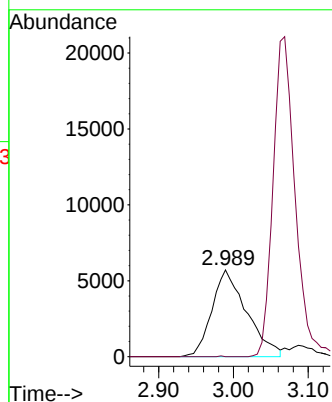
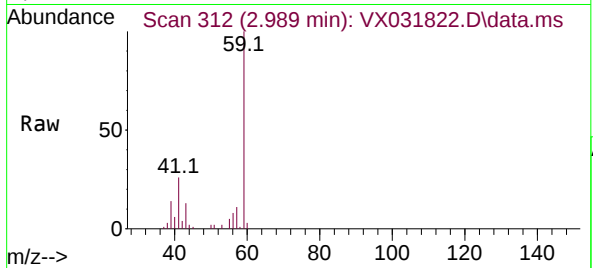




#23
tert-Butyl Alcohol
Concen: 94.360 ug/l
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

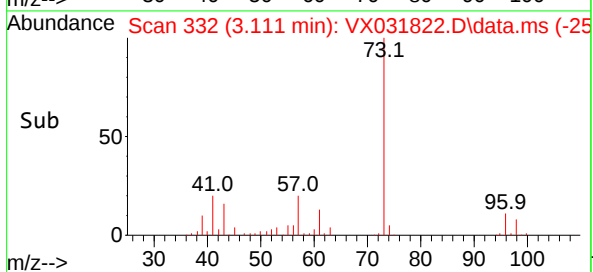
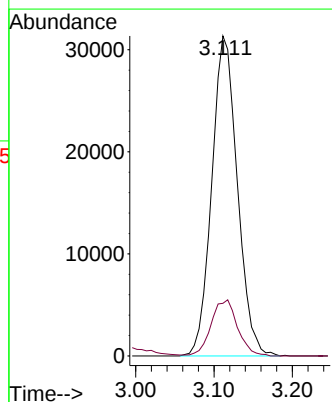
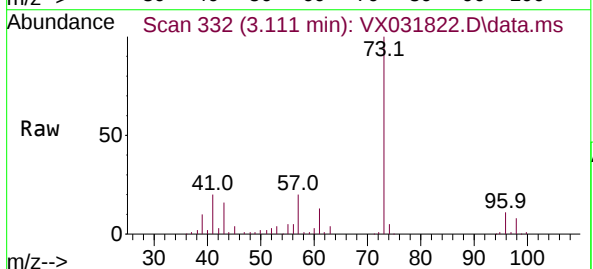
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

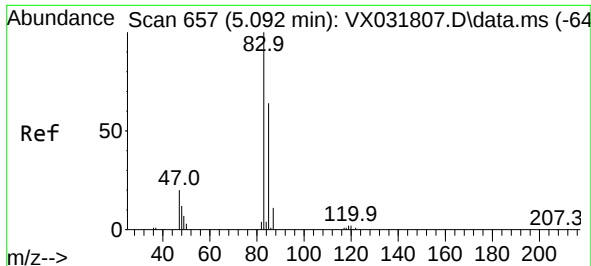
Tgt Ion: 59 Resp: 18443
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.163 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 73 Resp: 71211
Ion Ratio Lower Upper
73 100
43 18.1 14.8 22.2





#25

Chloroform

Concen: 19.936 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

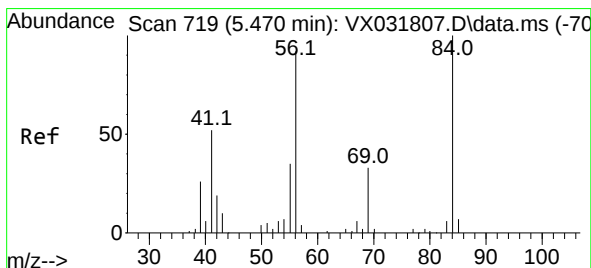
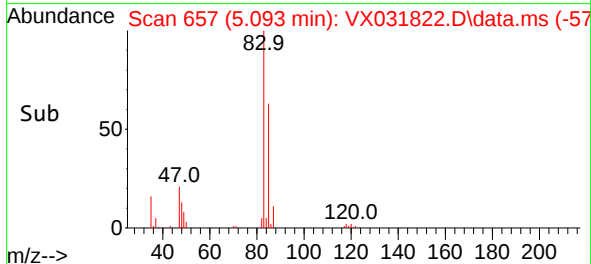
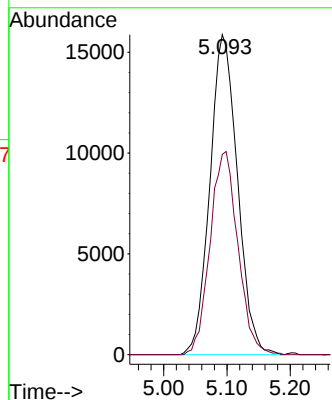
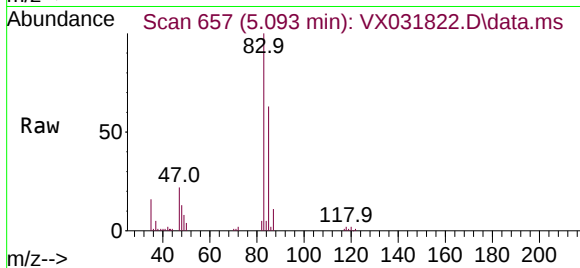
VSTDCCC020EC

Tgt Ion: 83 Resp: 48028

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.0



#26

Cyclohexane

Concen: 19.224 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

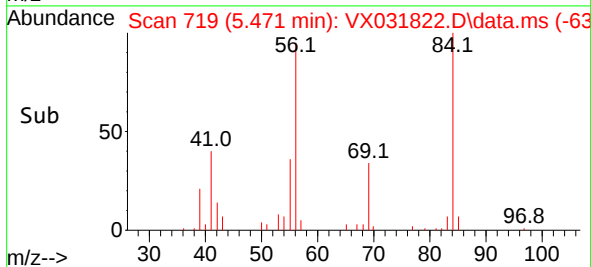
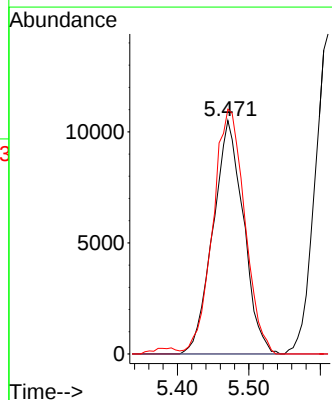
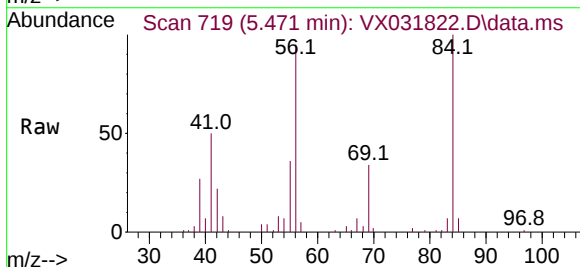
Tgt Ion: 56 Resp: 31117

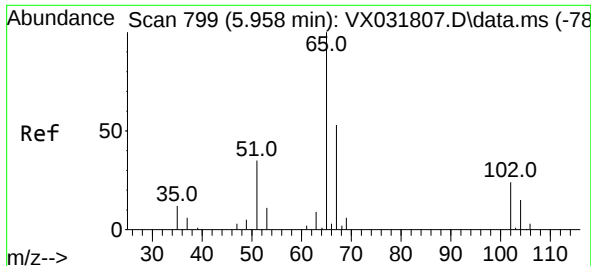
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 109.7 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 31.262 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

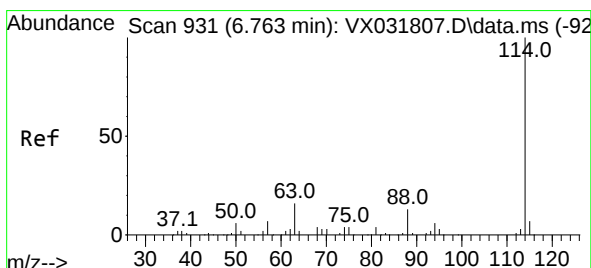
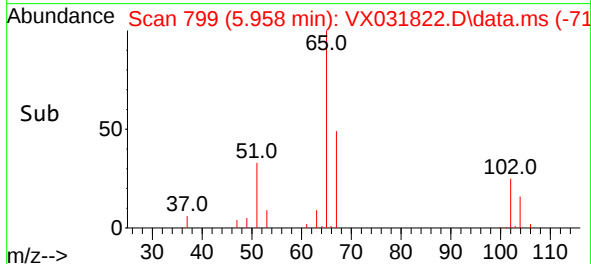
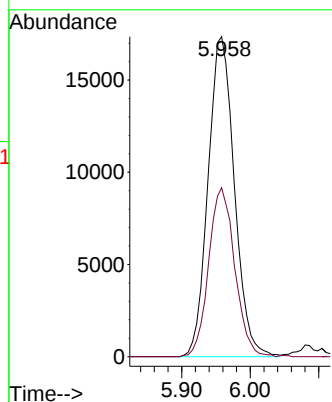
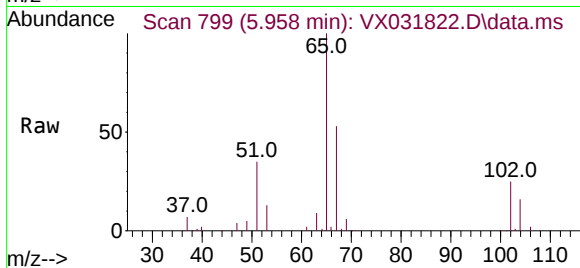
VSTDCCC020EC

Tgt Ion: 65 Resp: 46339

Ion Ratio Lower Upper

65 100

67 52.2 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

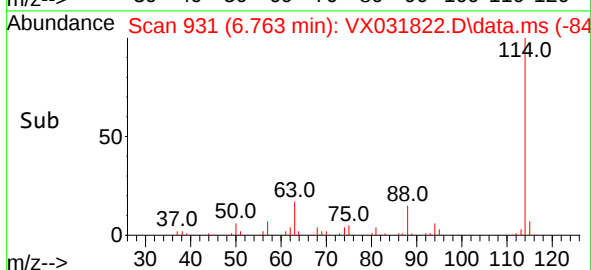
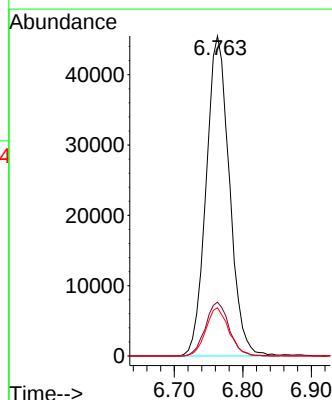
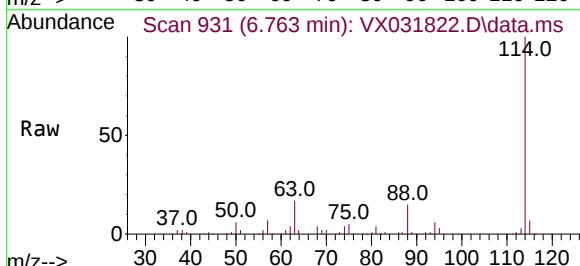
Tgt Ion: 114 Resp: 107353

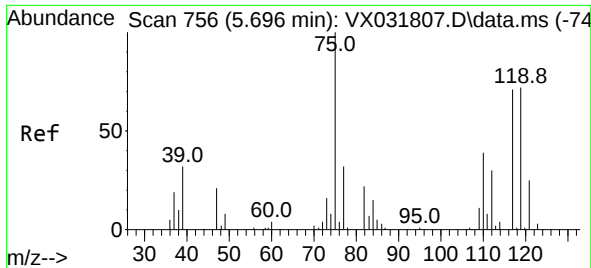
Ion Ratio Lower Upper

114 100

63 17.0 13.6 20.4

88 14.9 11.8 17.6





#29

1,1-Dichloropropene

Concen: 19.007 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

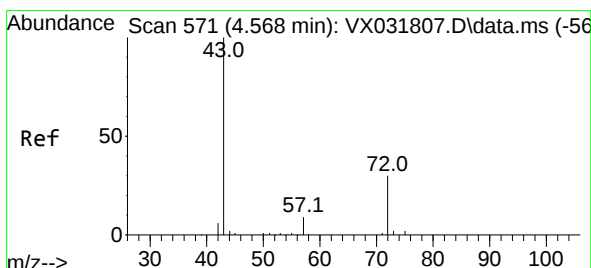
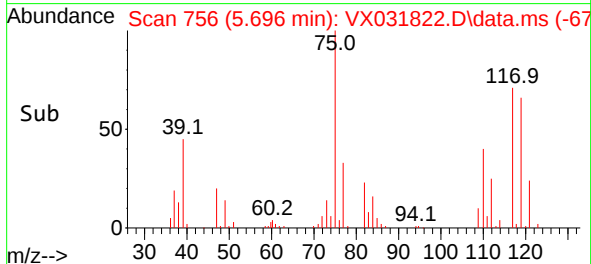
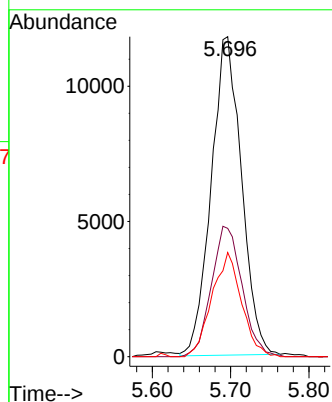
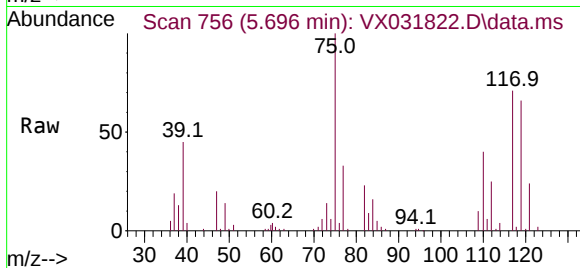
Tgt Ion: 75 Resp: 31629

Ion Ratio Lower Upper

75 100

110 41.5 0.0 80.4

77 31.9 0.0 62.0



#30

2-Butanone

Concen: 101.259 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

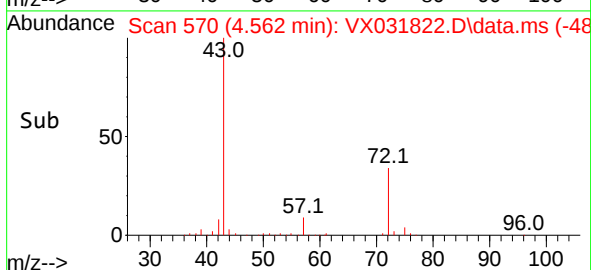
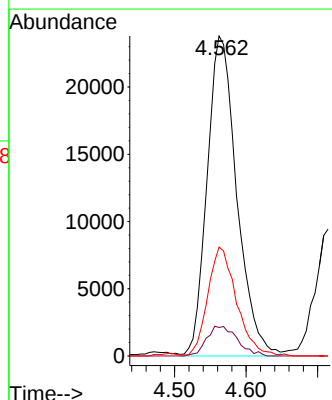
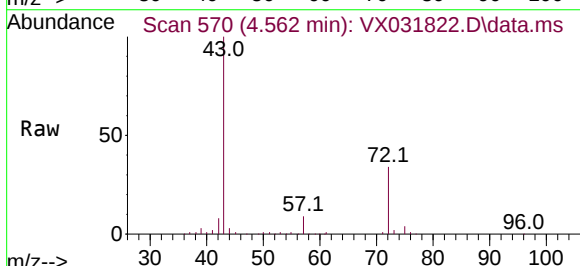
Tgt Ion: 43 Resp: 68590

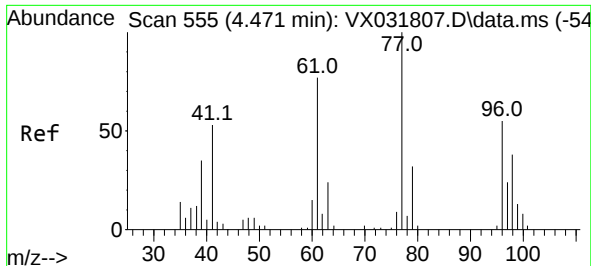
Ion Ratio Lower Upper

43 100

57 9.6 7.5 11.3

72 32.9 26.6 39.8





#31

2,2-Dichloropropane

Concen: 17.206 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

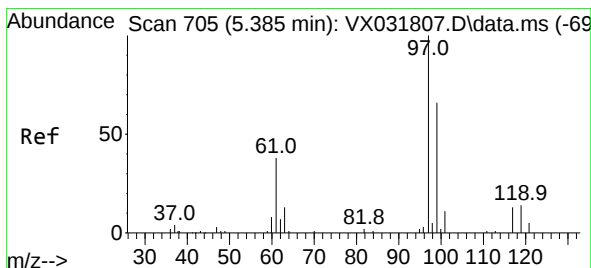
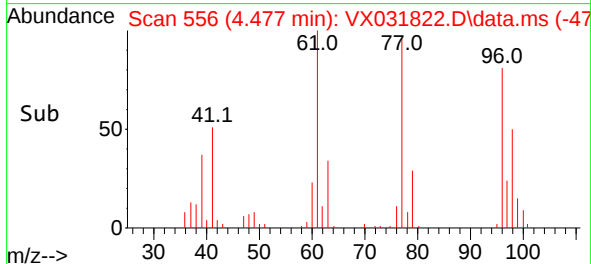
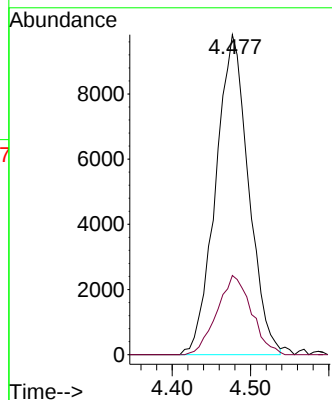
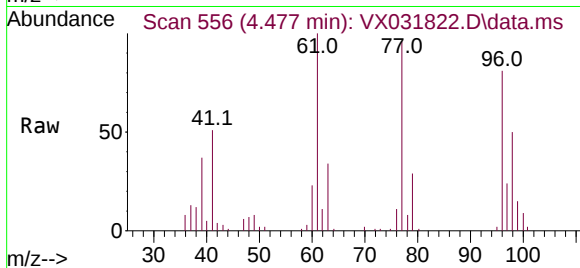
VSTDCCC020EC

Tgt Ion: 77 Resp: 28670

Ion Ratio Lower Upper

77 100

97 25.9 20.0 30.0



#32

1,1,1-Trichloroethane

Concen: 18.700 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

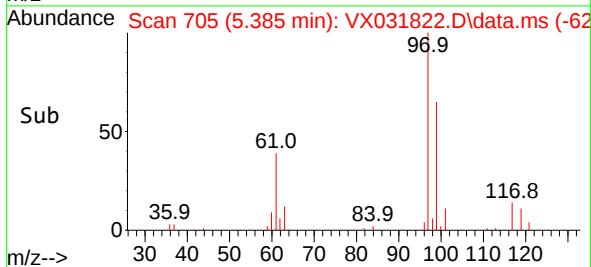
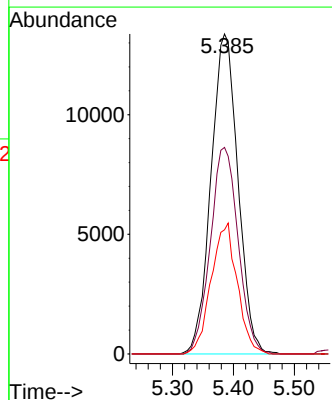
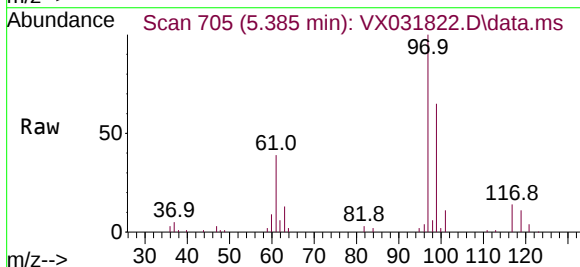
Tgt Ion: 97 Resp: 41191

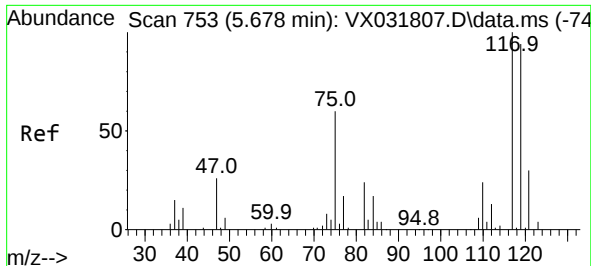
Ion Ratio Lower Upper

97 100

99 66.4 53.8 80.6

61 39.5 31.3 46.9

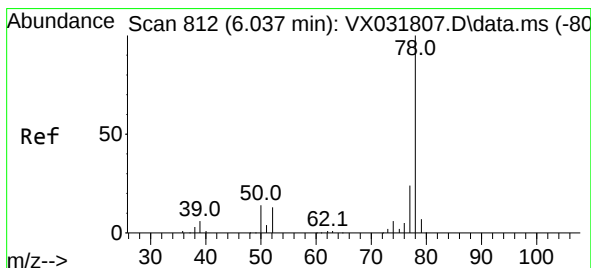
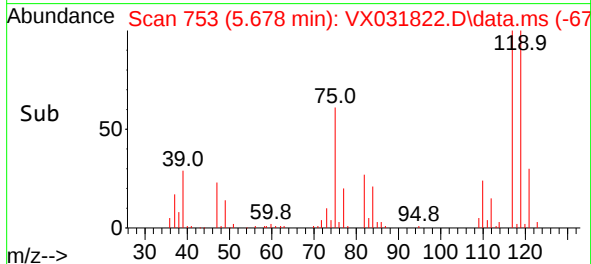
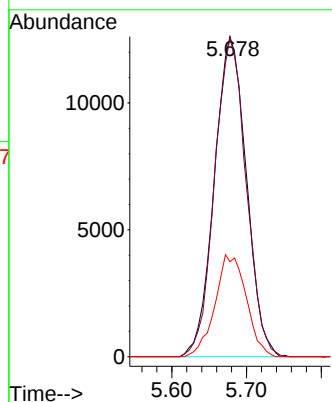
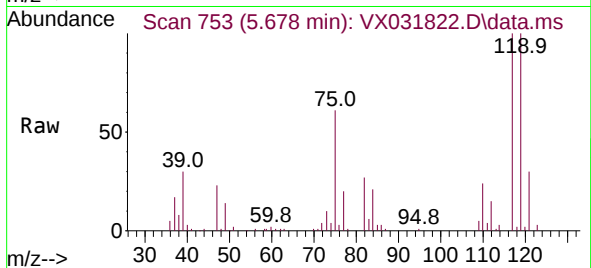




#33
Carbon Tetrachloride
Concen: 18.583 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

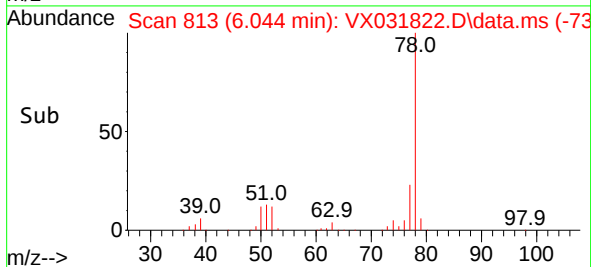
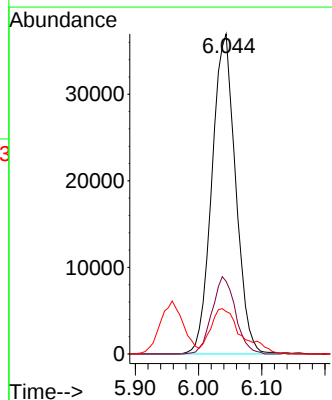
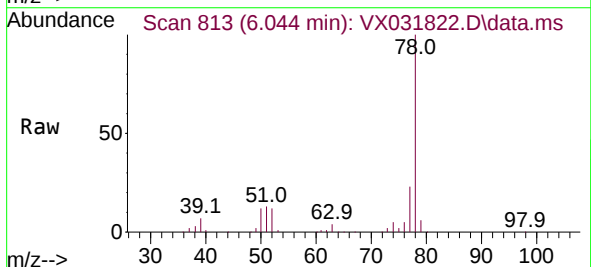
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

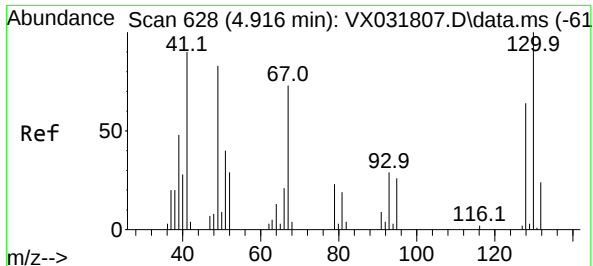
Tgt Ion:117 Resp: 37531
Ion Ratio Lower Upper
117 100
119 99.6 75.4 113.2
121 29.7 24.4 36.6



#34
Benzene
Concen: 19.513 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 78 Resp: 96094
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6
51 13.0 10.6 15.8



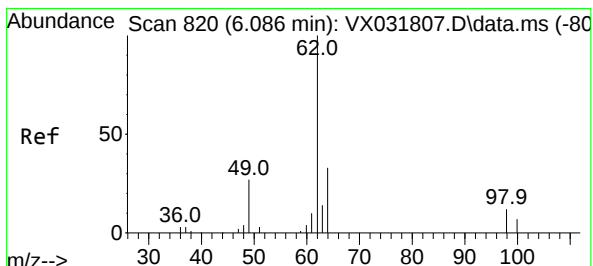
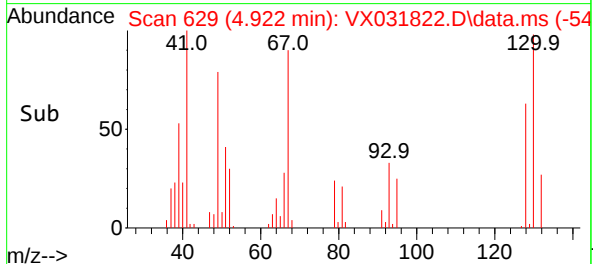
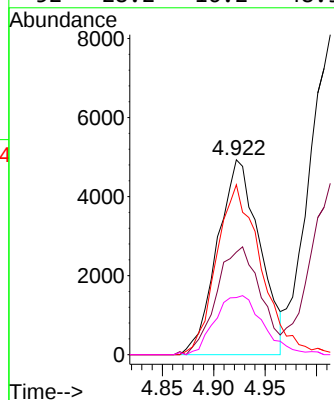
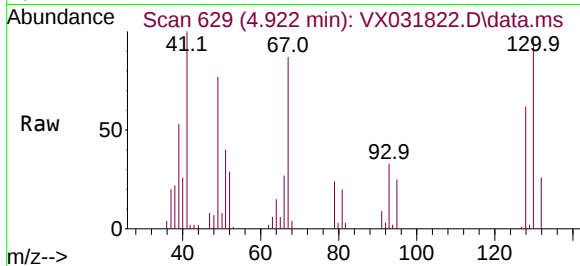


#35
Methacrylonitrile
Concen: 19.965 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 14132

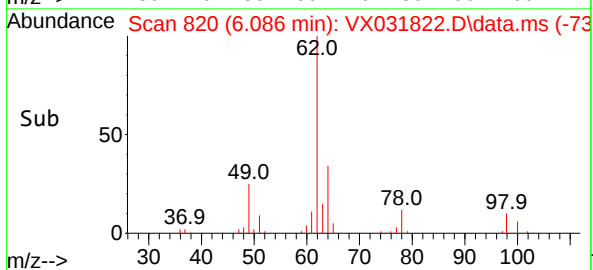
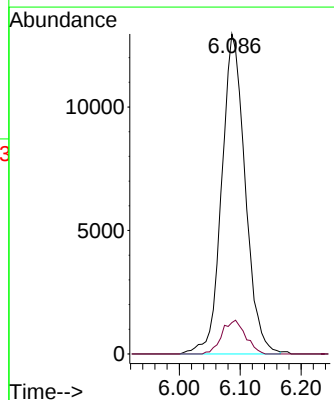
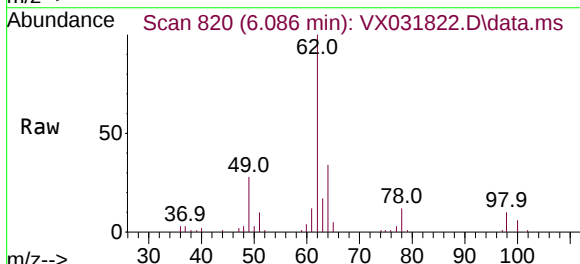
Ion	Ratio	Lower	Upper
41	100		
39	51.0	26.9	80.7
67	87.2	40.6	121.8
52	28.2	16.2	48.5

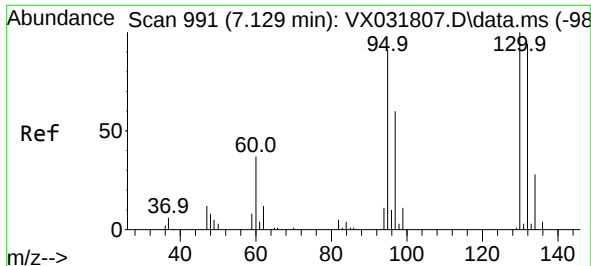


#36
1,2-Dichloroethane
Concen: 20.028 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 62 Resp: 34751

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.8	13.2





#37

Trichloroethene

Concen: 18.548 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

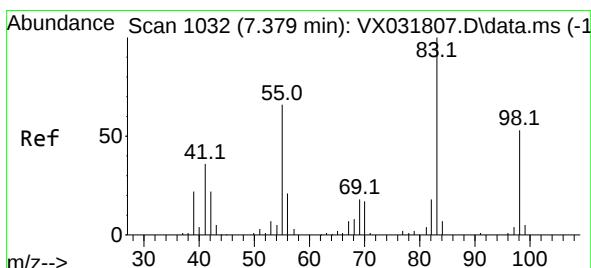
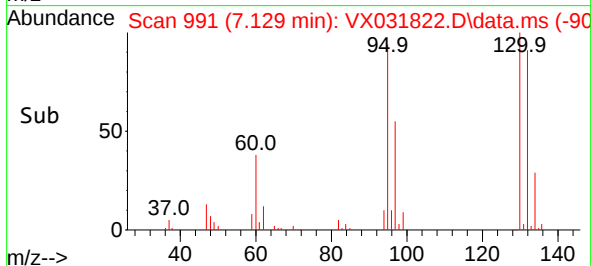
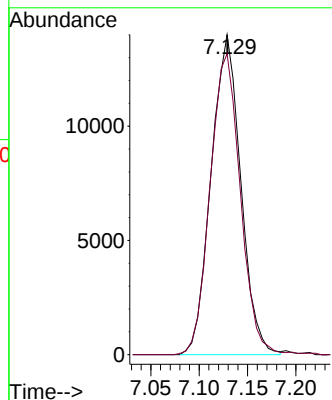
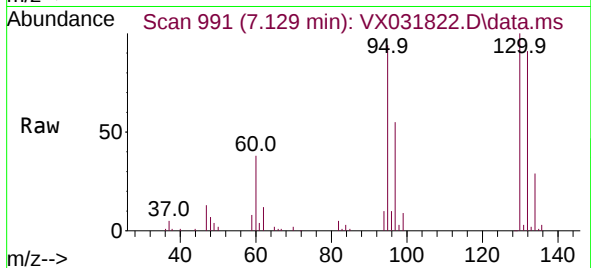
VSTDCCC020EC

Tgt Ion:130 Resp: 29801

Ion Ratio Lower Upper

130 100

95 93.7 72.4 108.6



#38

Methylcyclohexane

Concen: 18.905 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

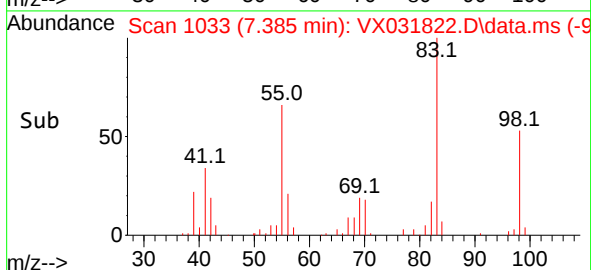
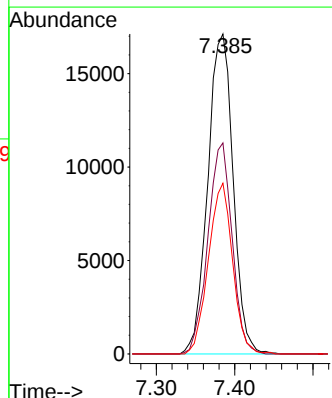
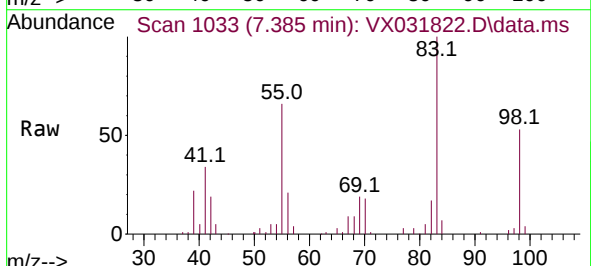
Tgt Ion: 83 Resp: 38511

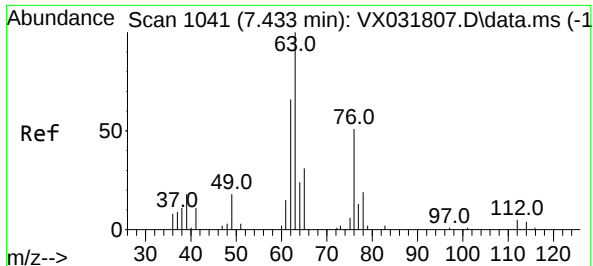
Ion Ratio Lower Upper

83 100

55 62.9 31.6 94.7

98 50.9 26.9 80.6





#39

1,2-Dichloropropane

Concen: 20.229 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

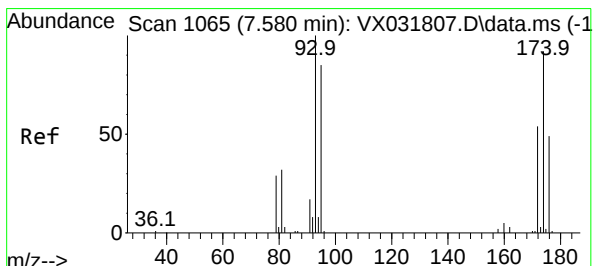
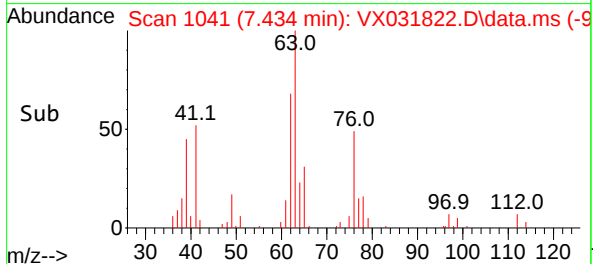
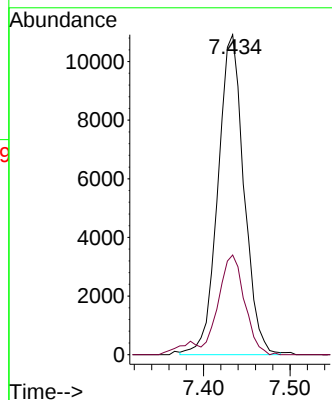
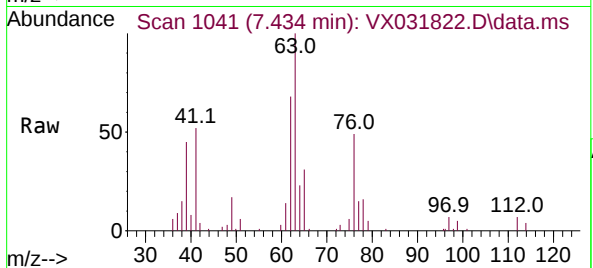
VSTDCCC020EC

Tgt Ion: 63 Resp: 22769

Ion Ratio Lower Upper

63 100

65 31.3 26.5 39.7



#40

Dibromomethane

Concen: 19.619 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

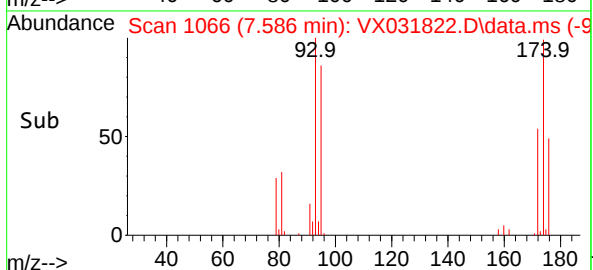
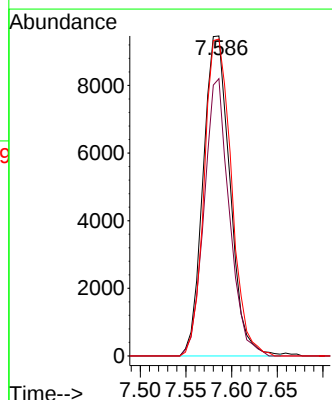
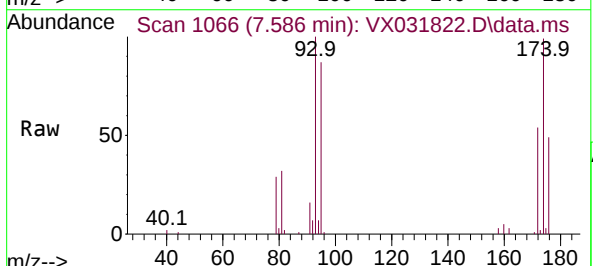
Tgt Ion: 93 Resp: 19315

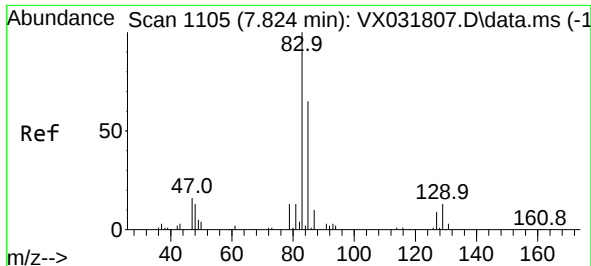
Ion Ratio Lower Upper

93 100

95 81.4 0.0 165.0

174 100.6 0.0 205.2

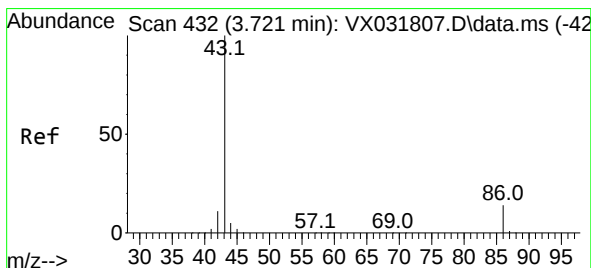
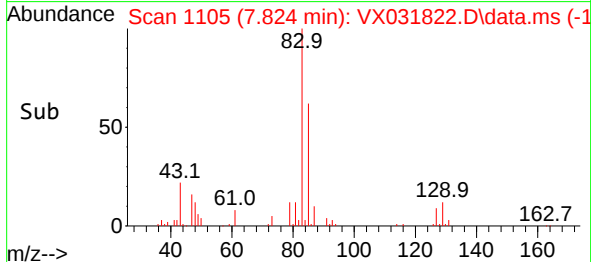
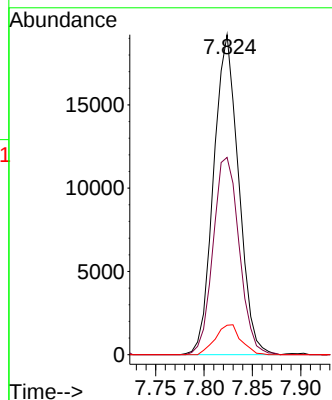
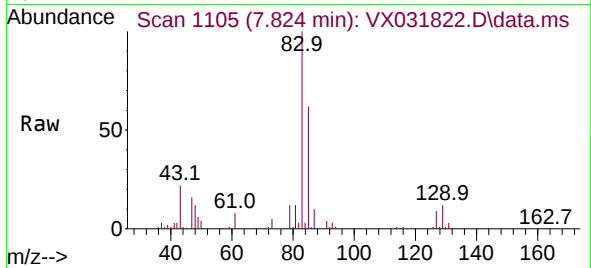




#41
Bromodichloromethane
Concen: 19.233 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

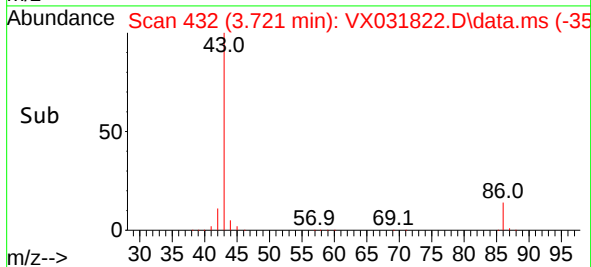
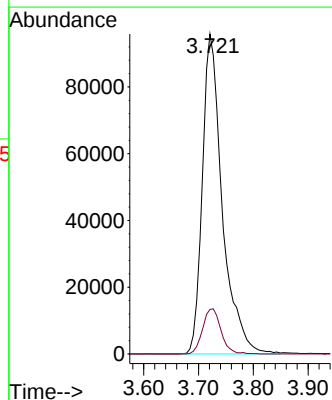
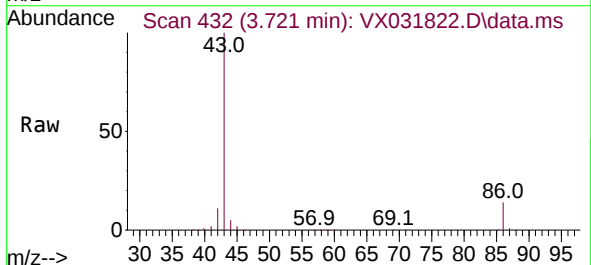
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

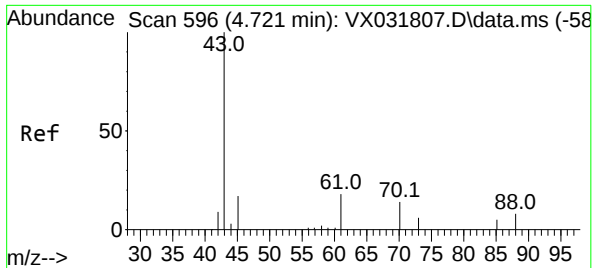
Tgt Ion: 83 Resp: 34503
Ion Ratio Lower Upper
83 100
85 61.6 52.3 78.5
127 9.2 6.8 10.2



#42
Vinyl Acetate
Concen: 99.233 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 43 Resp: 242395
Ion Ratio Lower Upper
43 100
86 12.8 10.3 15.5





#43

Ethyl Acetate

Concen: 21.089 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

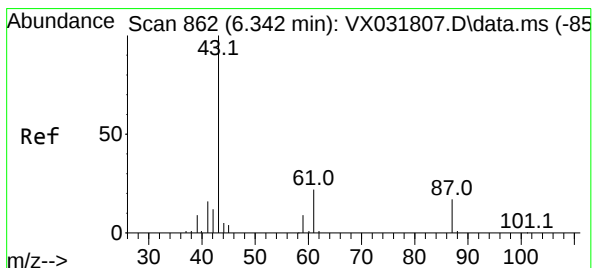
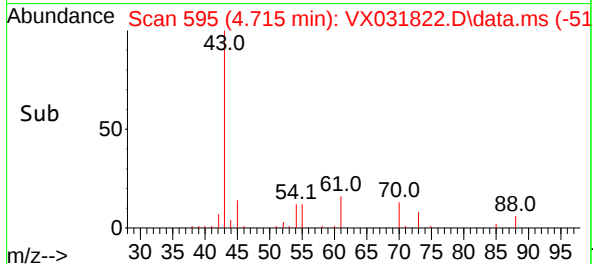
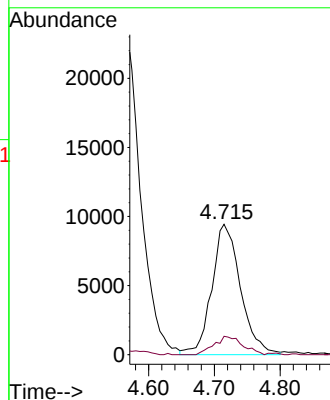
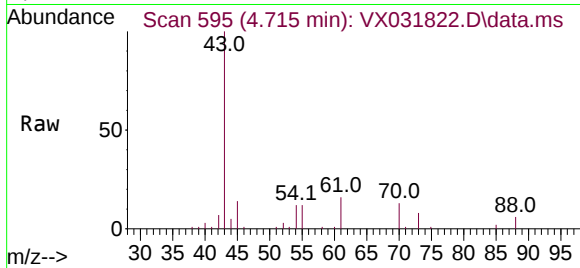
VSTDCCC020EC

Tgt Ion: 43 Resp: 28703

Ion Ratio Lower Upper

43 100

45 13.9 8.2 12.2#



#44

Isopropyl Acetate

Concen: 19.567 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX031822.D

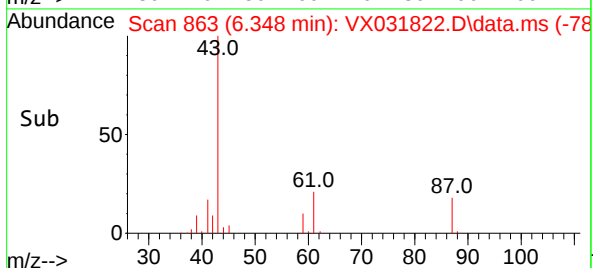
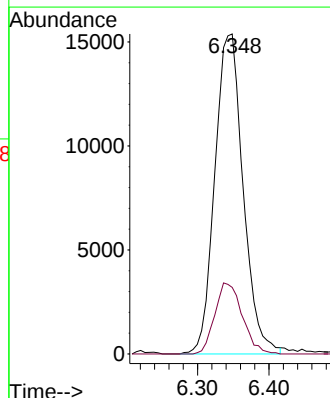
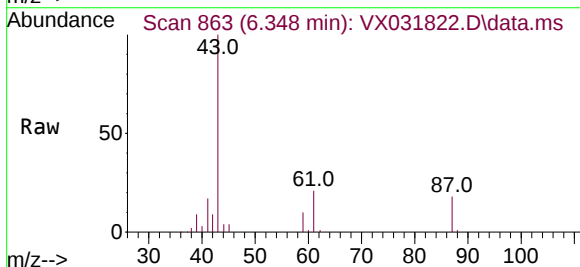
Acq: 30 Sep 2022 19:26

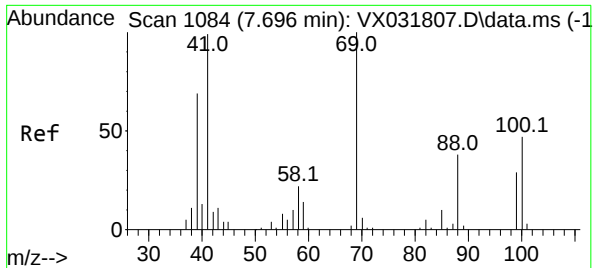
Tgt Ion: 43 Resp: 42328

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

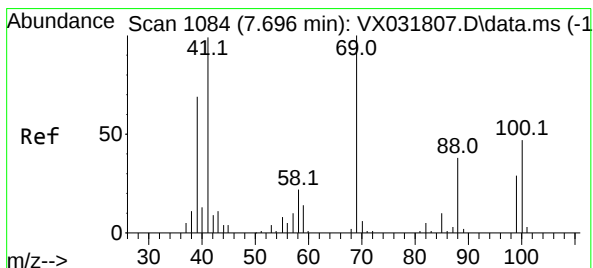
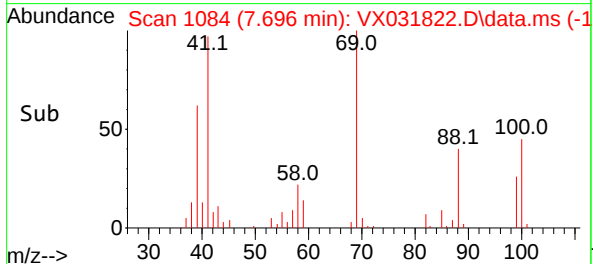
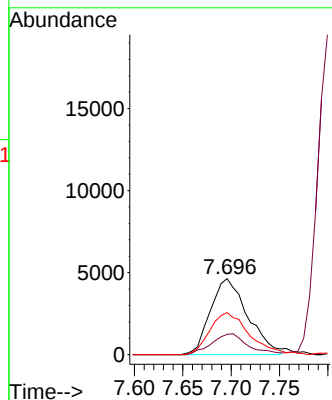
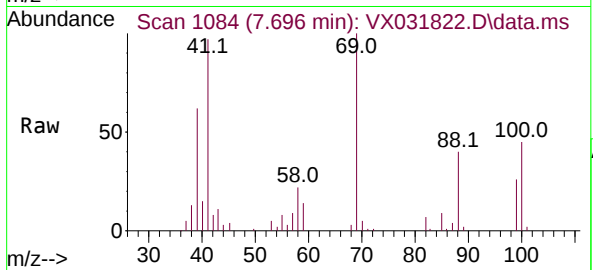




#45
1,4-Dioxane
Concen: 402.254 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

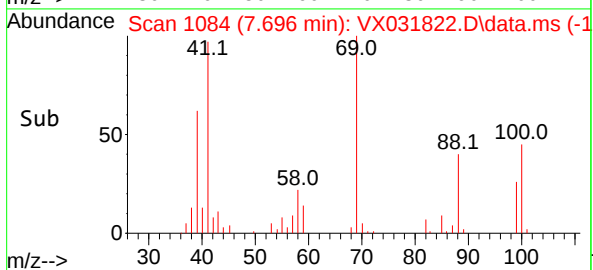
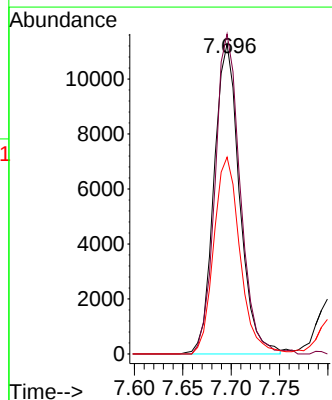
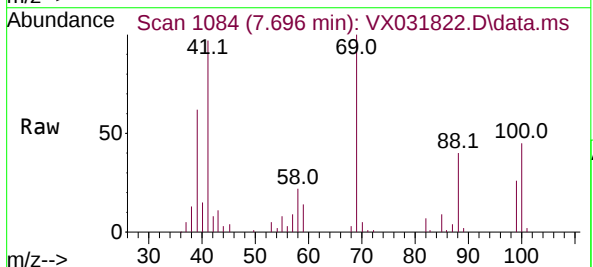
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

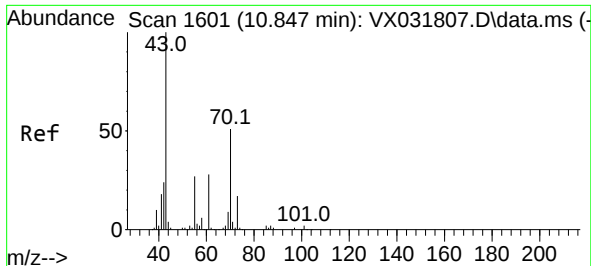
Tgt Ion: 88 Resp: 12452
Ion Ratio Lower Upper
88 100
43 26.5 20.4 30.6
58 58.3 44.0 66.0



#46
Methyl methacrylate
Concen: 20.540 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 41 Resp: 20740
Ion Ratio Lower Upper
41 100
69 103.2 50.5 151.5
39 63.5 34.6 103.8

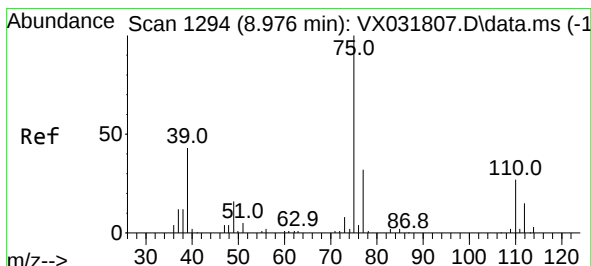
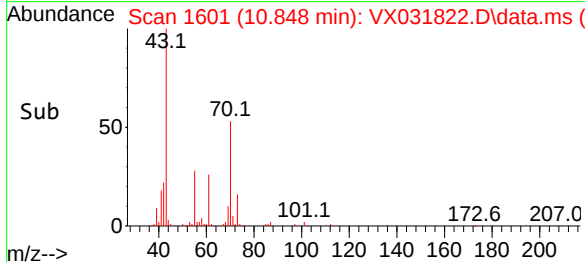
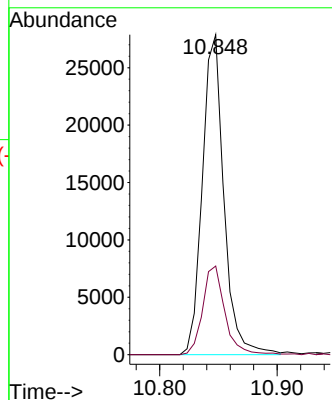
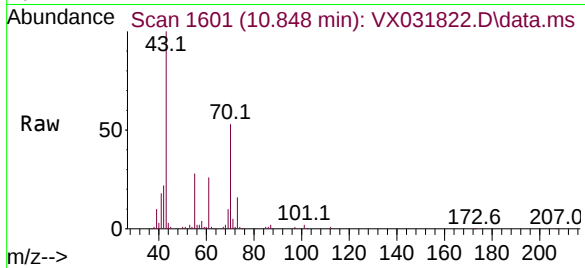




#47
n-amy1 Acetate
Concen: 19.119 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

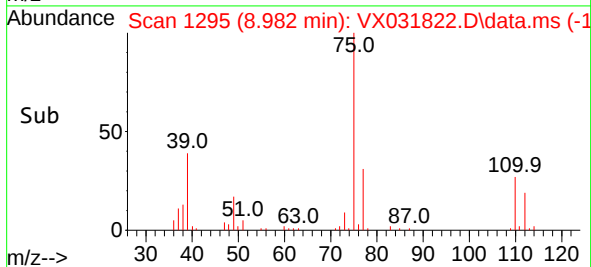
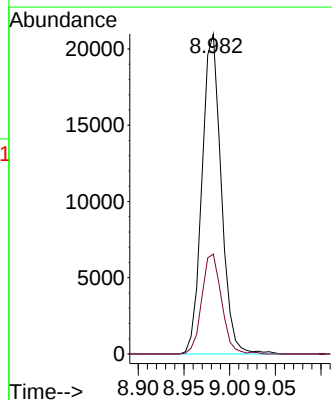
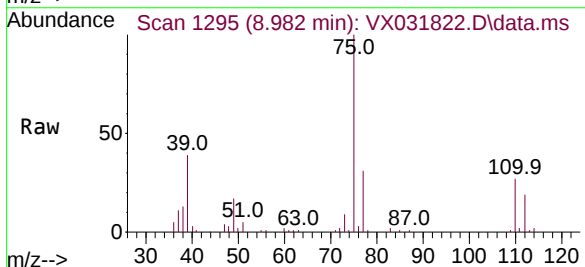
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

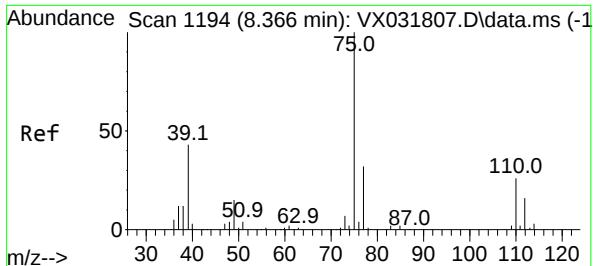
Tgt Ion: 43 Resp: 35520
Ion Ratio Lower Upper
43 100
55 28.3 21.6 32.4



#48
t-1,3-Dichloropropene
Concen: 17.442 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 75 Resp: 30703
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.993 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

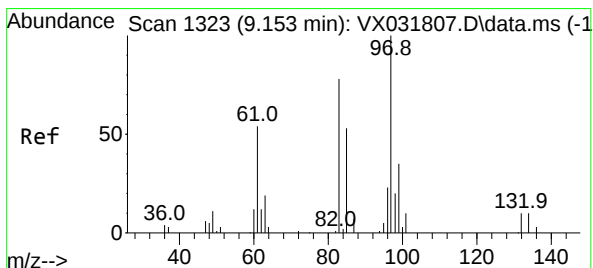
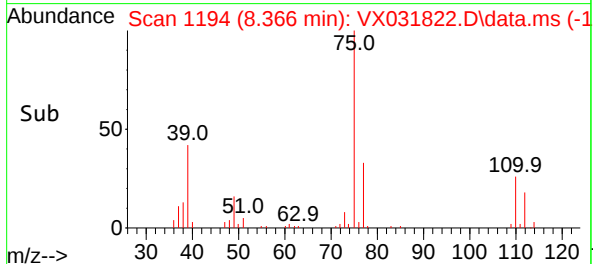
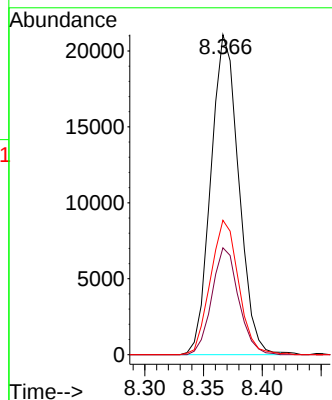
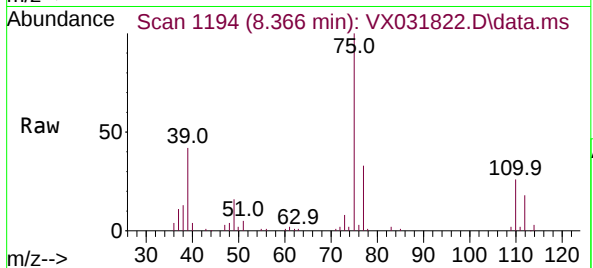
Tgt Ion: 75 Resp: 34744

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

39 42.0 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 19.528 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Tgt Ion: 97 Resp: 27845

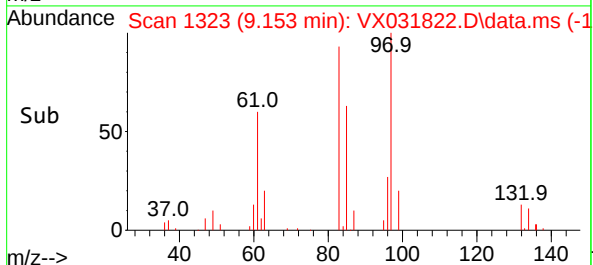
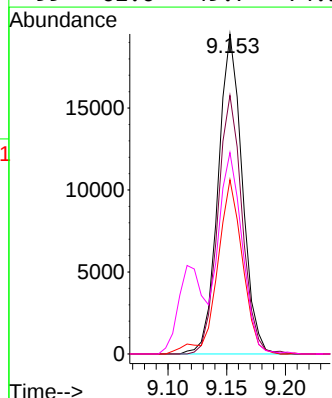
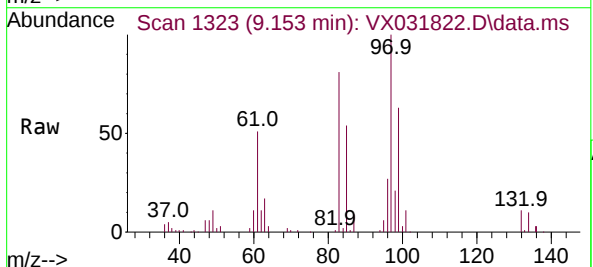
Ion Ratio Lower Upper

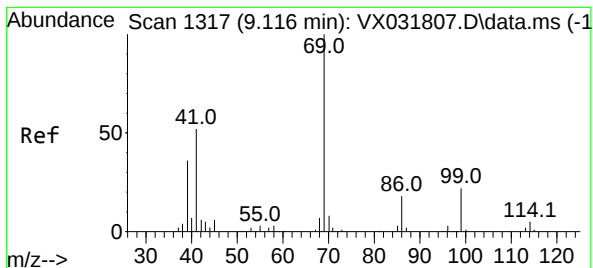
97 100

83 80.8 62.2 93.4

85 54.4 44.2 66.2

99 62.6 49.7 74.5





#51

Ethyl methacrylate

Concen: 19.075 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

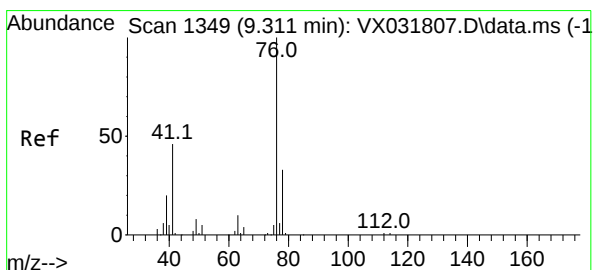
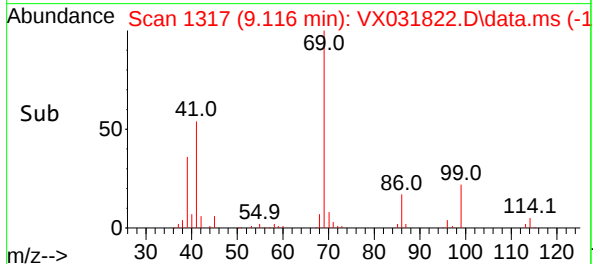
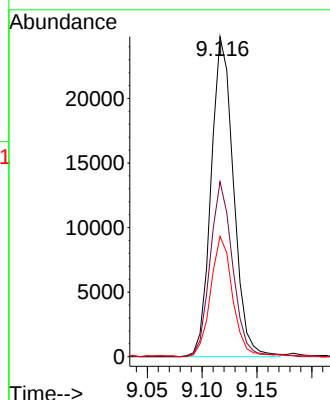
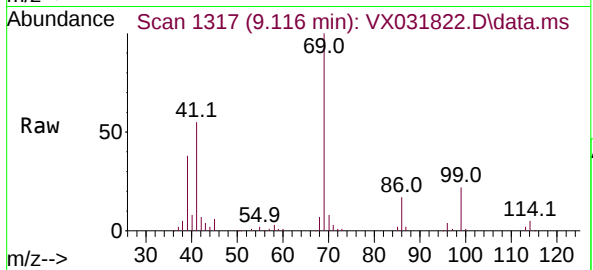
Tgt Ion: 69 Resp: 35259

Ion Ratio Lower Upper

69 100

41 54.7 25.9 77.7

39 37.6 17.8 53.3



#52

1,3-Dichloropropane

Concen: 19.730 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031822.D

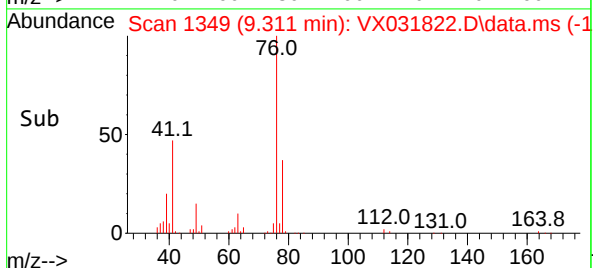
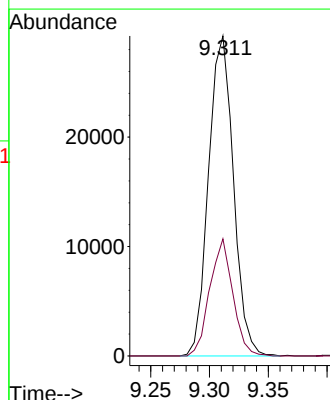
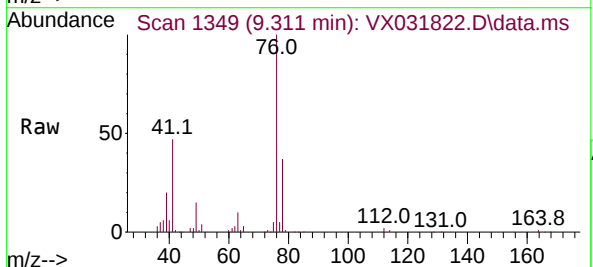
Acq: 30 Sep 2022 19:26

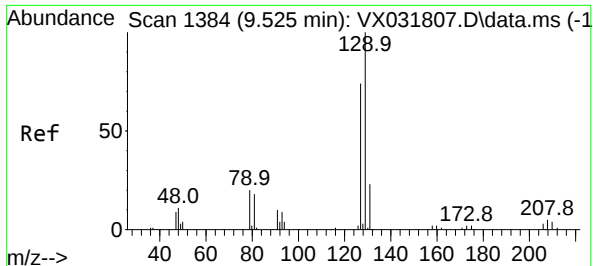
Tgt Ion: 76 Resp: 43112

Ion Ratio Lower Upper

76 100

78 33.8 0.0 66.0

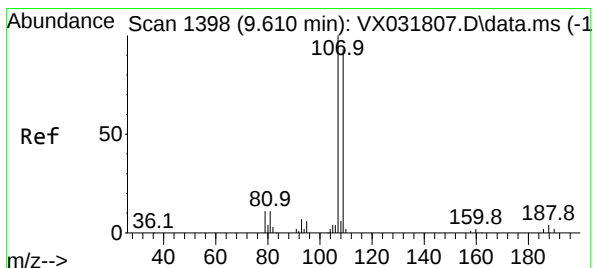
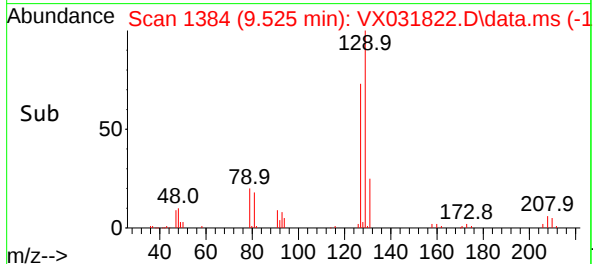
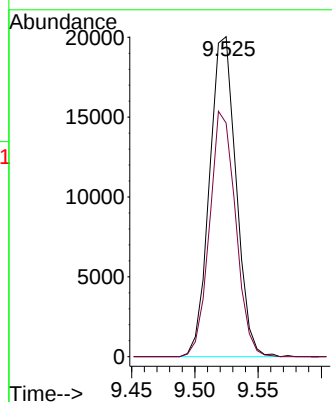
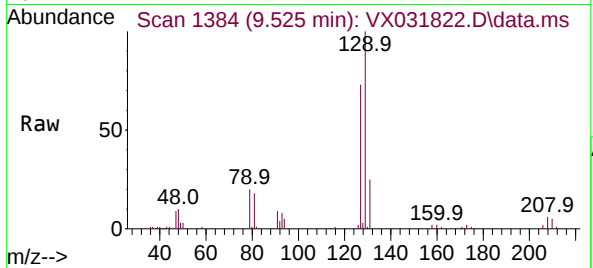




#53
Dibromochloromethane
Concen: 18.474 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

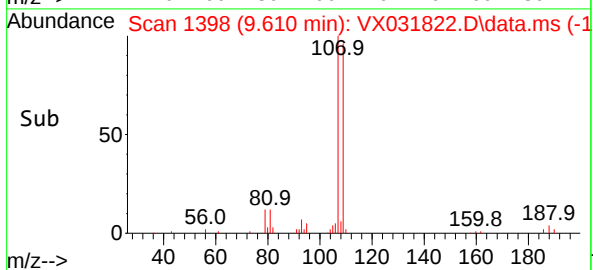
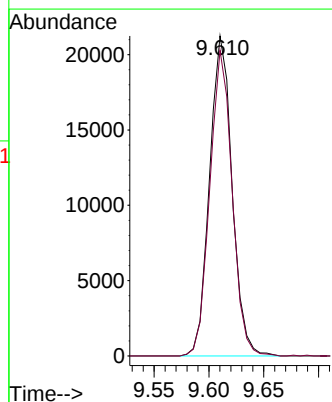
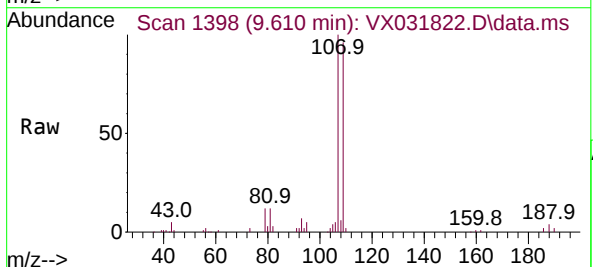
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

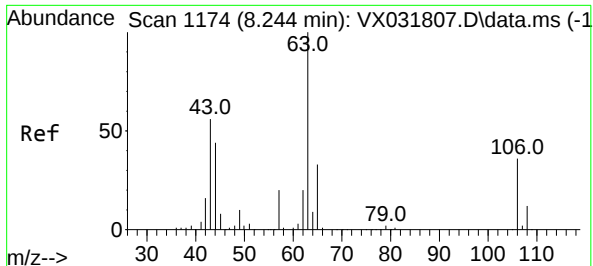
Tgt Ion:129 Resp: 29334
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0



#54
1,2-Dibromoethane
Concen: 19.243 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion:107 Resp: 30396
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 102.102 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

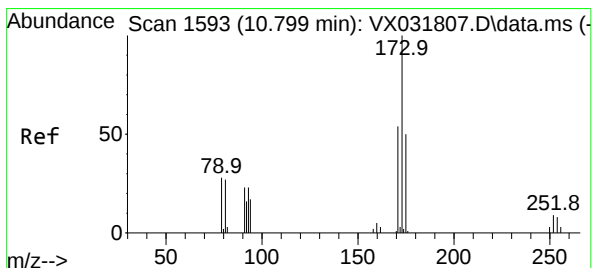
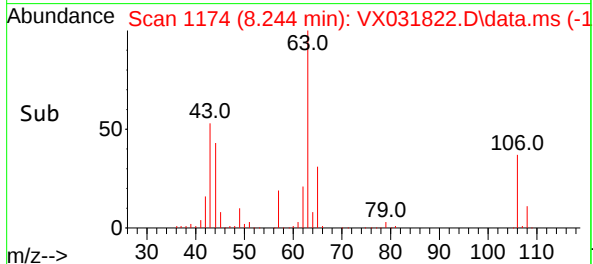
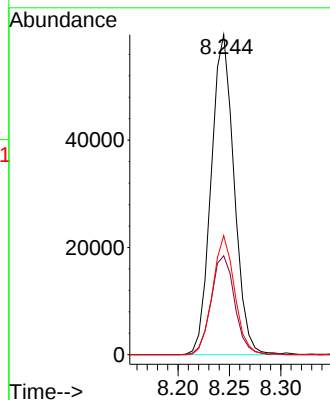
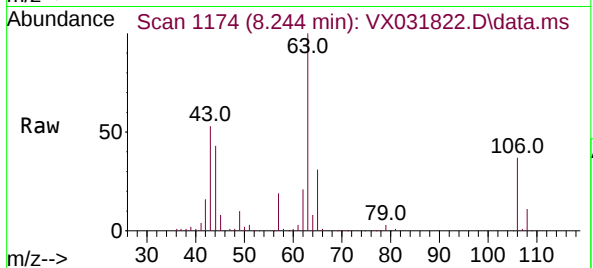
Tgt Ion: 63 Resp: 92541

Ion Ratio Lower Upper

63 100

65 31.7 25.5 38.3

106 35.8 28.9 43.3



#56

Bromoform

Concen: 16.680 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

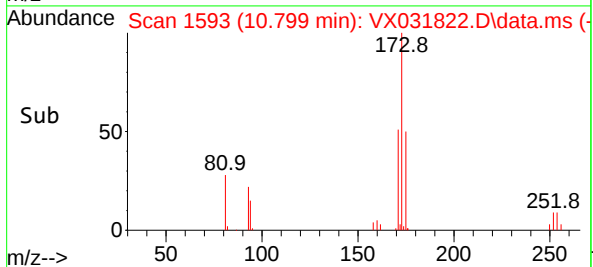
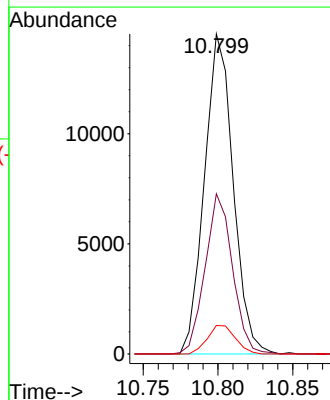
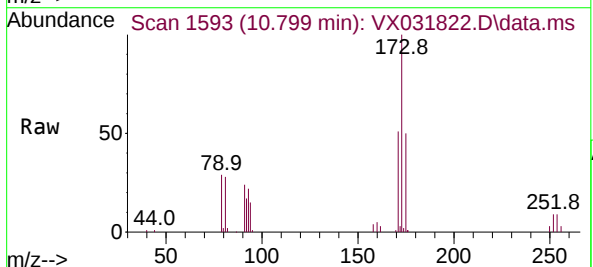
Tgt Ion:173 Resp: 19412

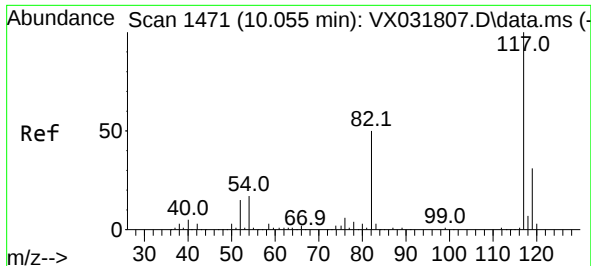
Ion Ratio Lower Upper

173 100

175 47.7 38.6 58.0

254 8.7 6.8 10.2

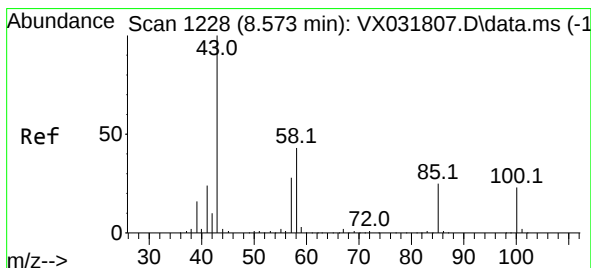
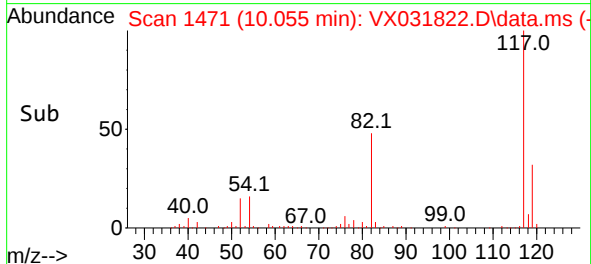
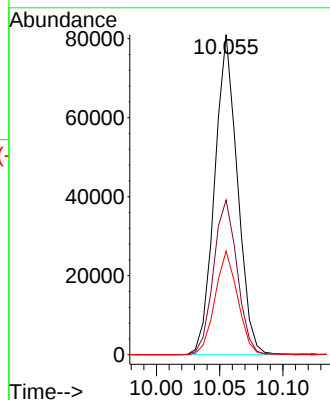
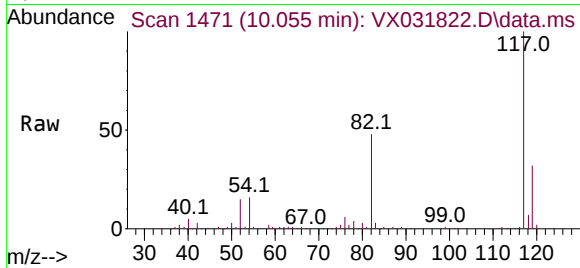




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

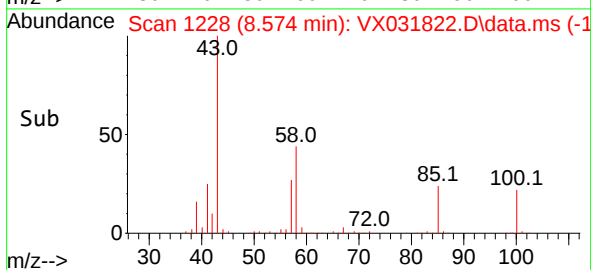
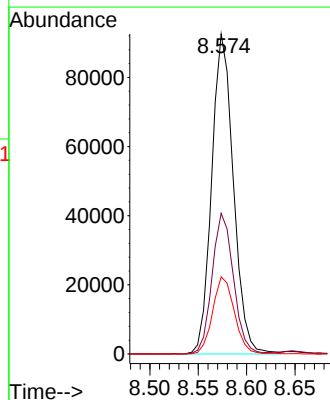
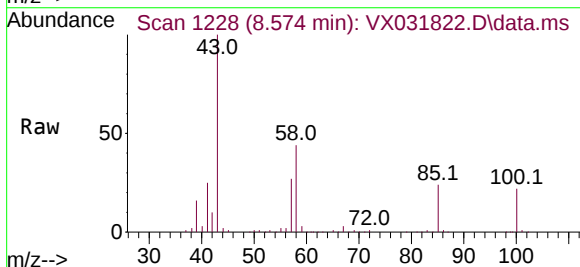
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

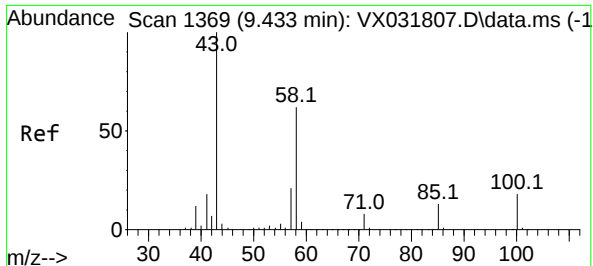
Tgt Ion:117 Resp: 101538
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 32.3 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 105.848 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 43 Resp: 144490
Ion Ratio Lower Upper
43 100
58 43.2 34.9 52.3
85 24.1 19.4 29.2





#59

2-Hexanone

Concen: 105.751 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

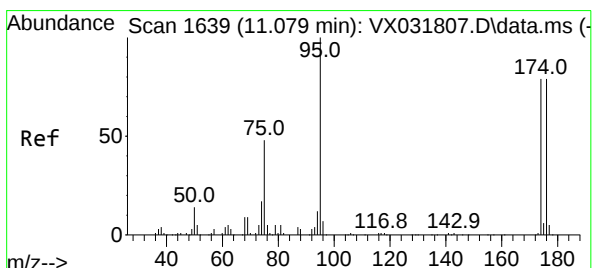
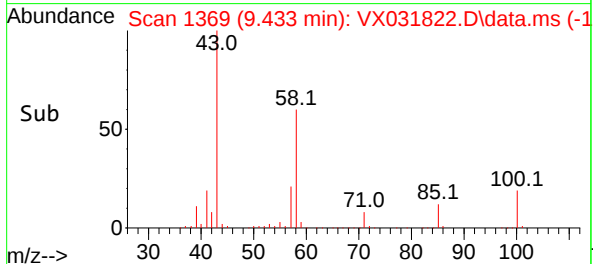
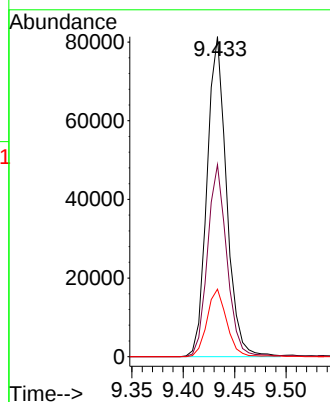
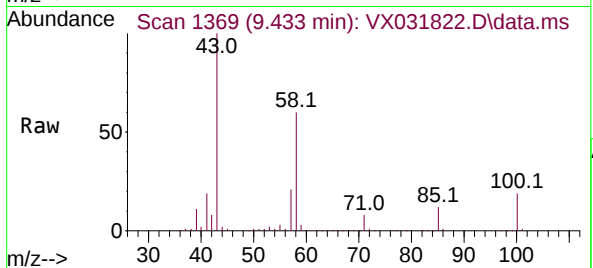
Tgt Ion: 43 Resp: 107968

Ion Ratio Lower Upper

43 100

58 59.4 49.0 73.6

57 21.1 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 30.277 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

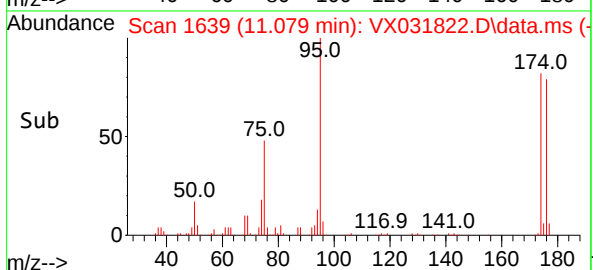
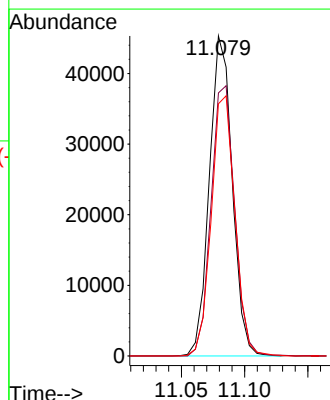
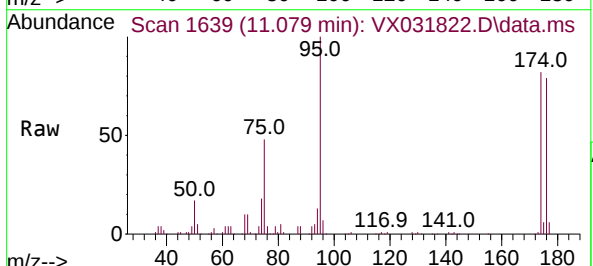
Tgt Ion: 95 Resp: 56898

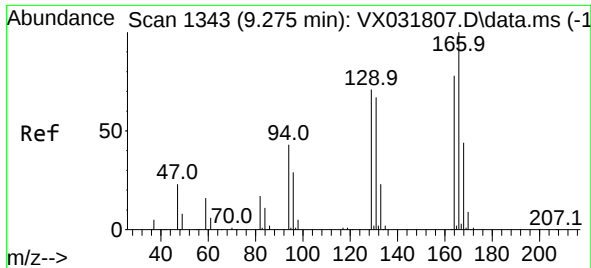
Ion Ratio Lower Upper

95 100

174 87.6 68.2 102.2

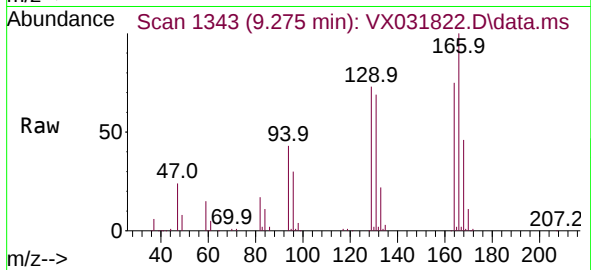
176 84.1 68.1 102.1



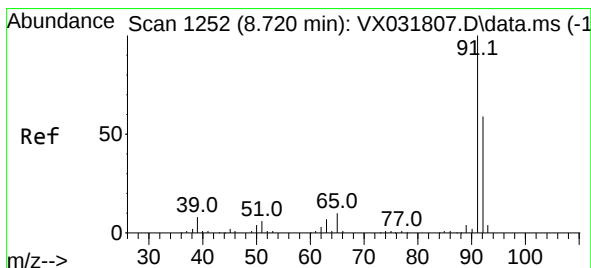
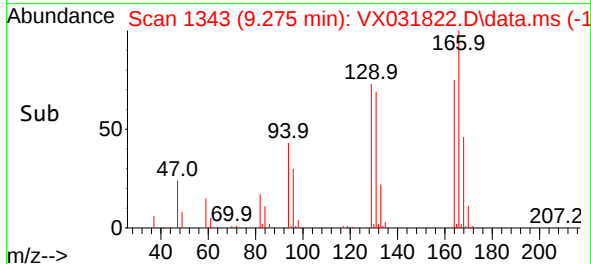
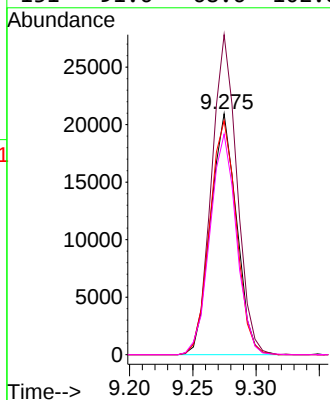


#61
Tetrachloroethene
Concen: 18.335 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

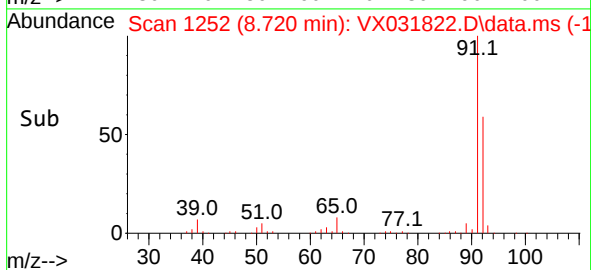
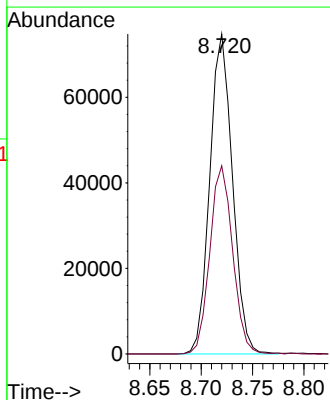
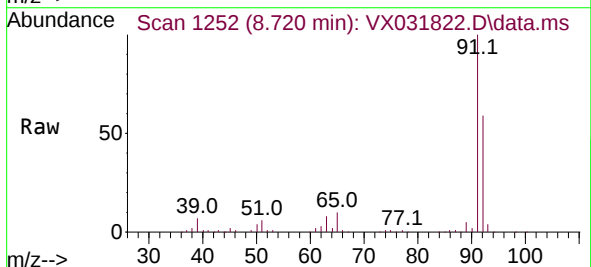


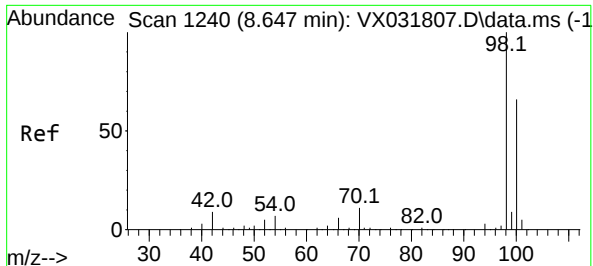
Tgt Ion:164 Resp: 29893
Ion Ratio Lower Upper
164 100
166 132.8 102.8 154.2
129 97.1 73.0 109.4
131 91.6 68.6 102.8



#62
Toluene
Concen: 19.781 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 91 Resp: 114999
Ion Ratio Lower Upper
91 100
92 59.1 47.3 70.9

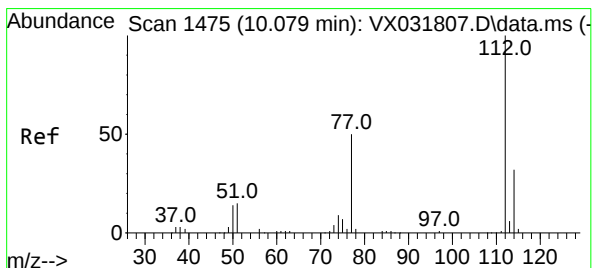
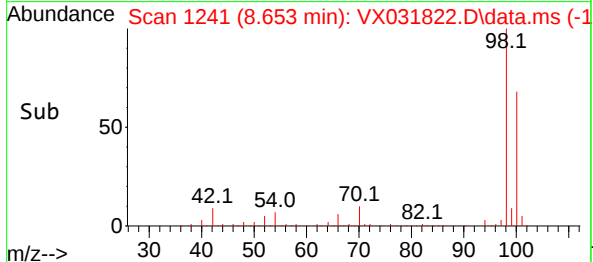
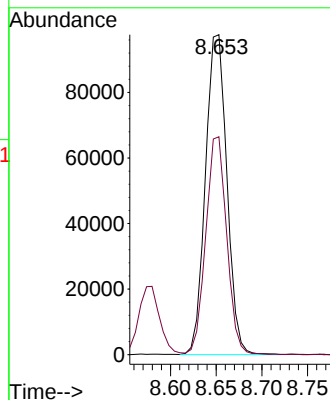
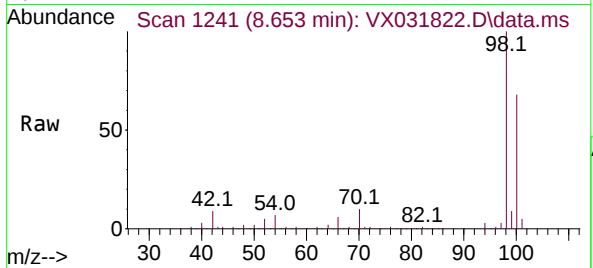




#63
Toluene-d8
Concen: 30.872 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

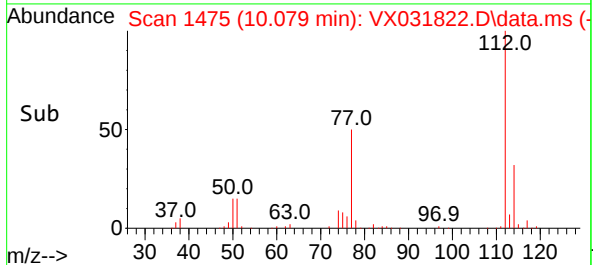
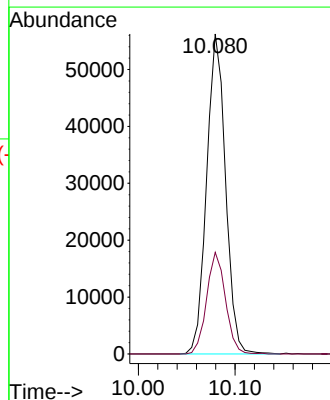
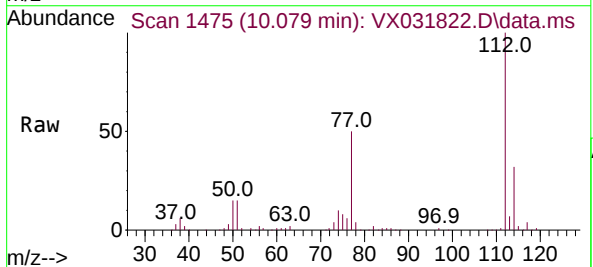
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

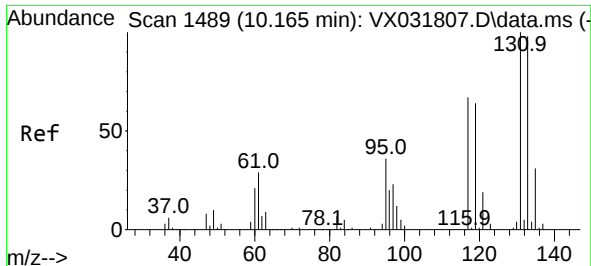
Tgt Ion: 98 Resp: 159249
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.8



#64
Chlorobenzene
Concen: 19.301 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 112 Resp: 76560
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

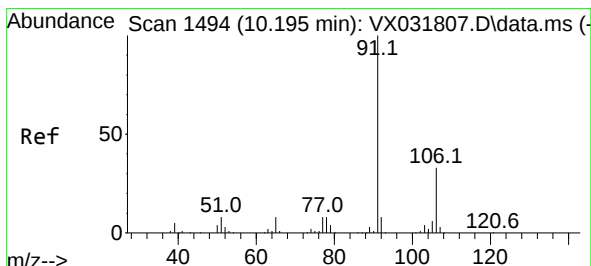
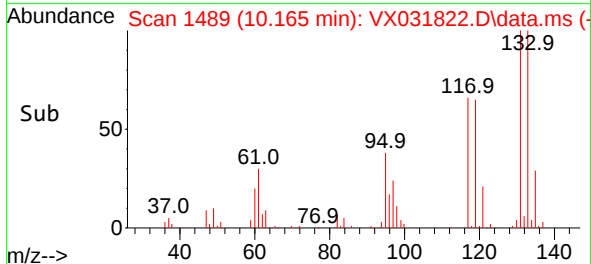
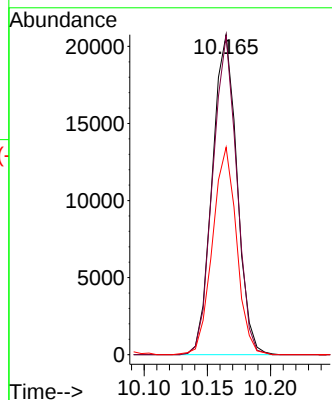
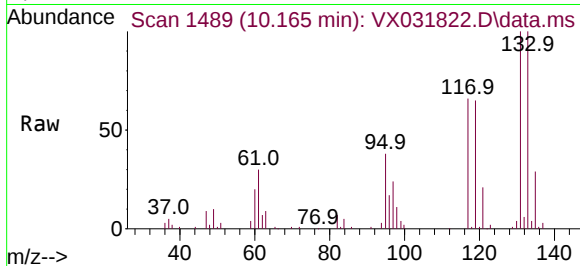




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.747 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

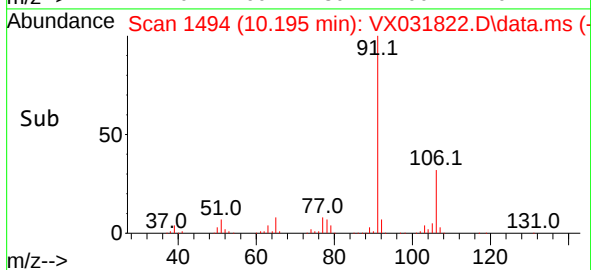
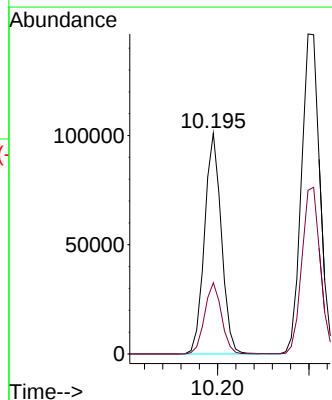
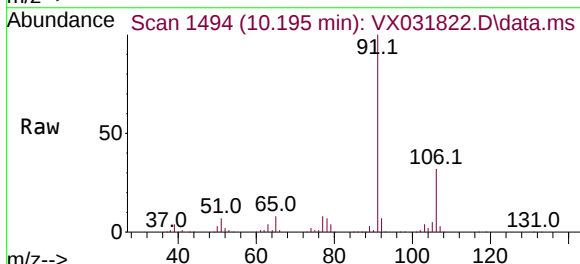
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

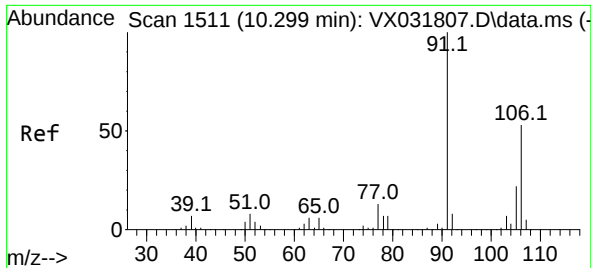
Tgt Ion:131 Resp: 28192
 Ion Ratio Lower Upper
 131 100
 133 96.4 0.0 189.4
 119 63.1 0.0 127.0



#66
 Ethyl Benzene
 Concen: 19.739 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

Tgt Ion: 91 Resp: 129330
 Ion Ratio Lower Upper
 91 100
 106 32.2 26.7 40.1





#67

m/p-Xylenes

Concen: 39.244 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

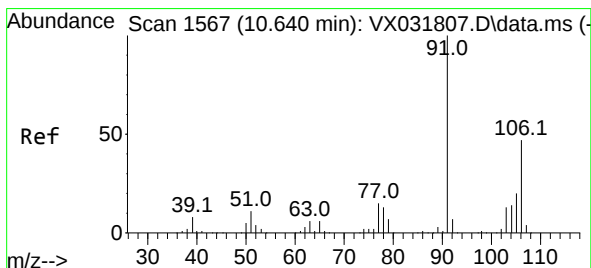
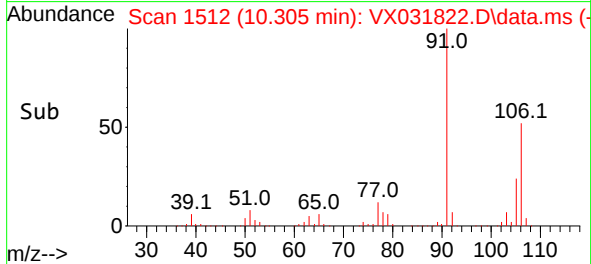
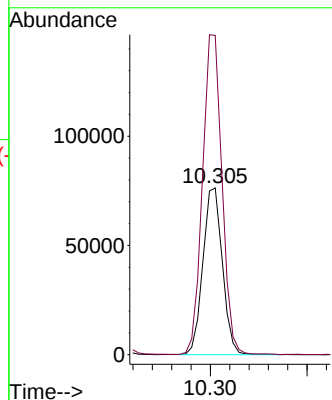
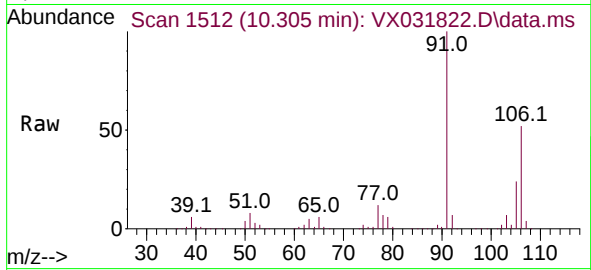
VSTDCCC020EC

Tgt Ion:106 Resp: 107068

Ion Ratio Lower Upper

106 100

91 192.0 152.3 228.5



#68

o-Xylene

Concen: 19.459 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX031822.D

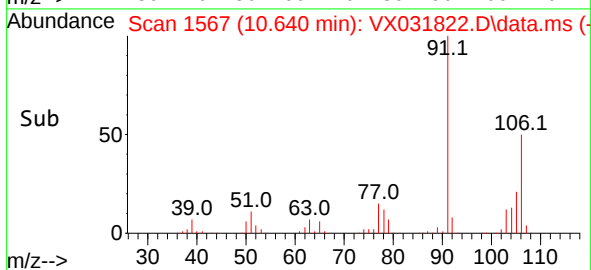
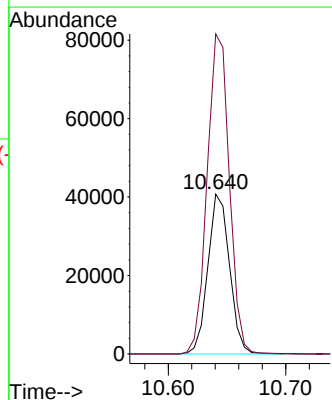
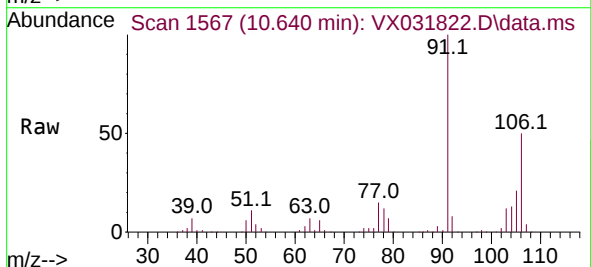
Acq: 30 Sep 2022 19:26

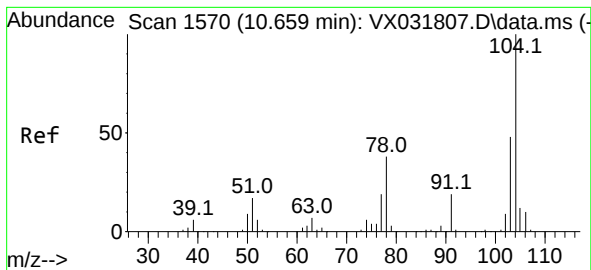
Tgt Ion:106 Resp: 52124

Ion Ratio Lower Upper

106 100

91 205.6 101.9 305.7





#69

Styrene

Concen: 19.307 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

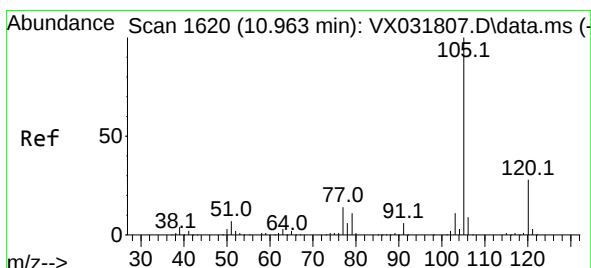
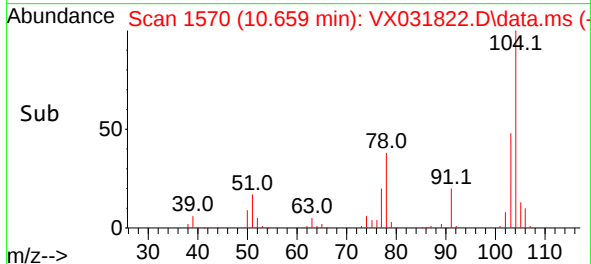
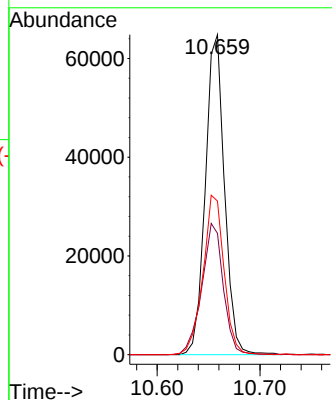
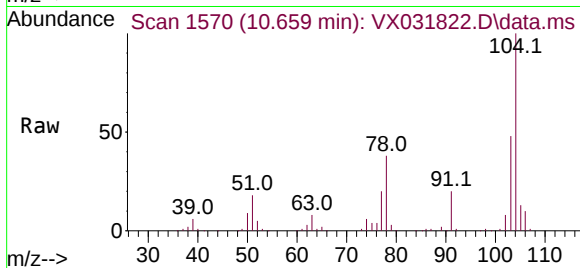
Tgt Ion:104 Resp: 83996

Ion Ratio Lower Upper

104 100

78 46.0 36.6 55.0

103 54.9 43.3 64.9



#70

Isopropylbenzene

Concen: 19.818 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031822.D

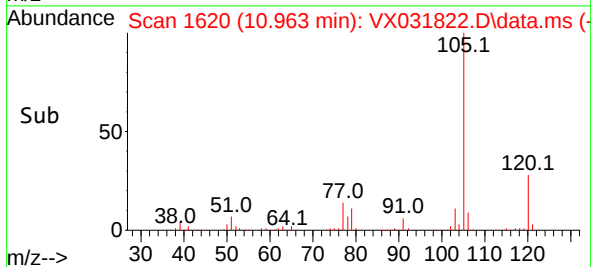
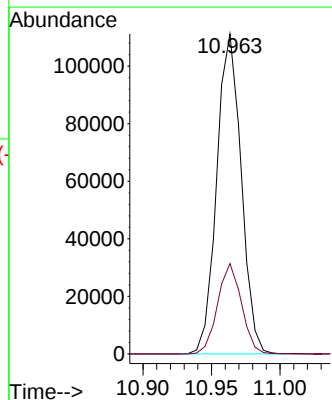
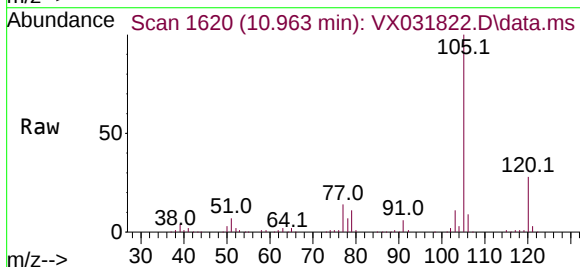
Acq: 30 Sep 2022 19:26

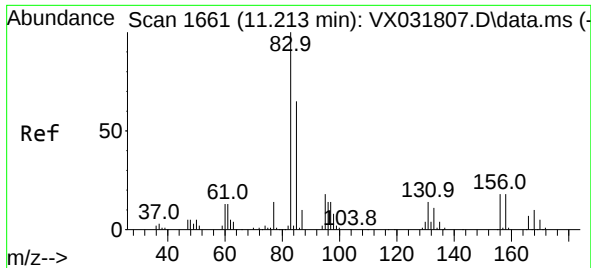
Tgt Ion:105 Resp: 137956

Ion Ratio Lower Upper

105 100

120 27.6 19.3 35.9

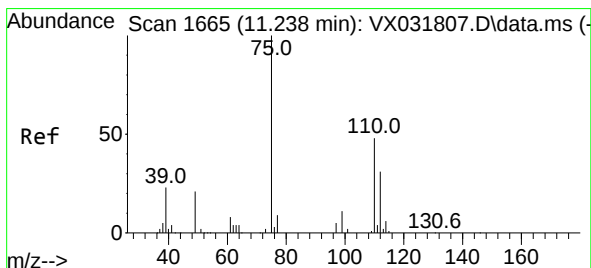
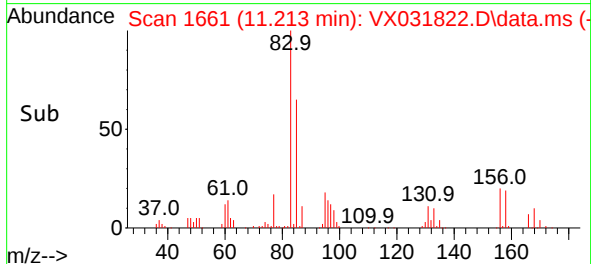
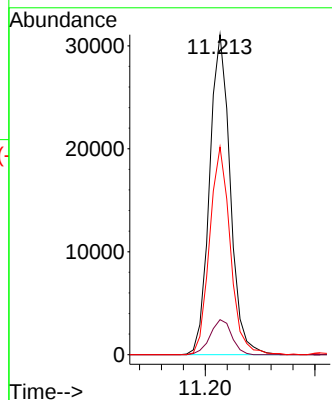
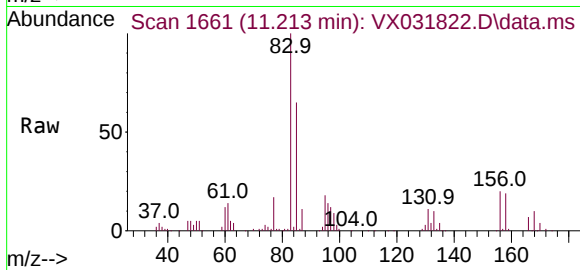




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.492 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

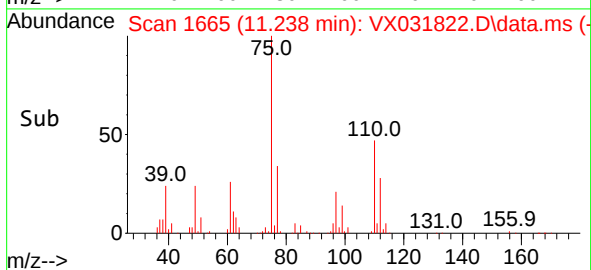
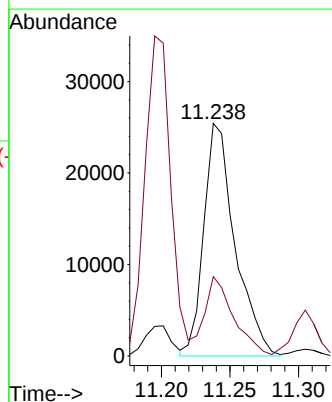
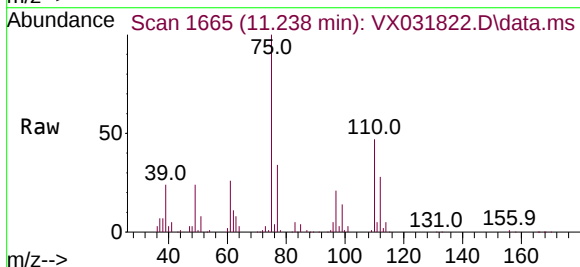
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

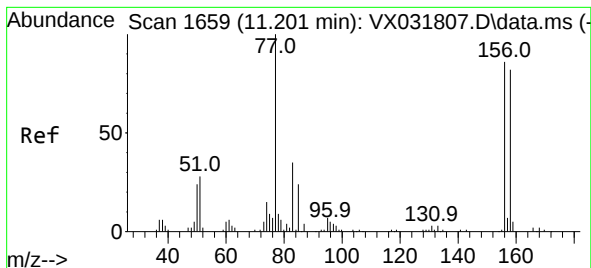
Tgt Ion: 83 Resp: 40658
 Ion Ratio Lower Upper
 83 100
 131 11.4 6.0 18.1
 85 64.8 32.8 98.3



#72
 1,2,3-Trichloropropane
 Concen: 23.465 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

Tgt Ion: 75 Resp: 40377
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 76.6





#73

Bromobenzene

Concen: 18.955 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

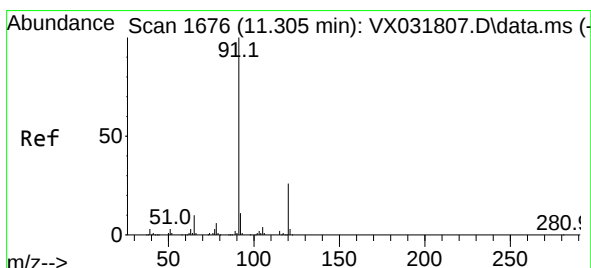
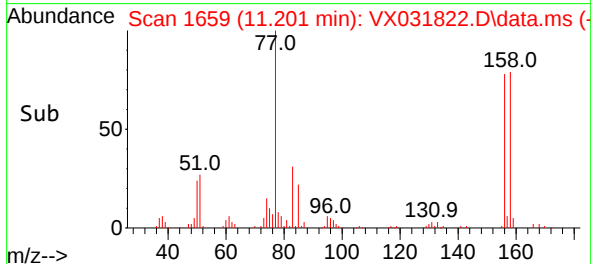
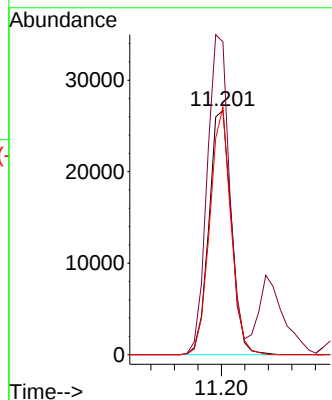
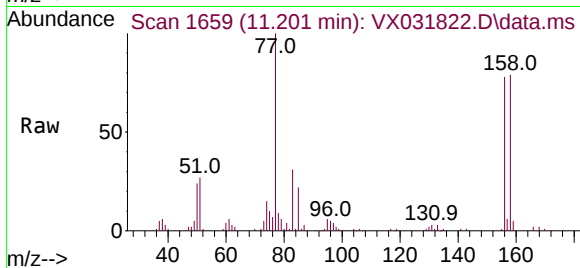
Tgt Ion:156 Resp: 35389

Ion Ratio Lower Upper

156 100

77 130.0 0.0 259.2

158 95.2 0.0 193.2



#74

n-propylbenzene

Concen: 19.779 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX031822.D

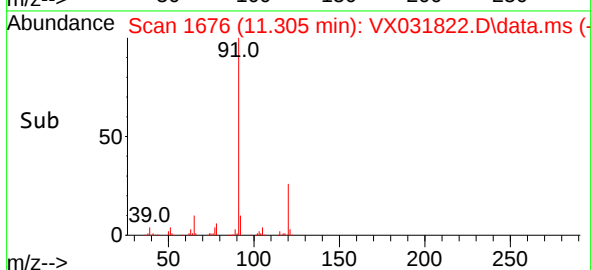
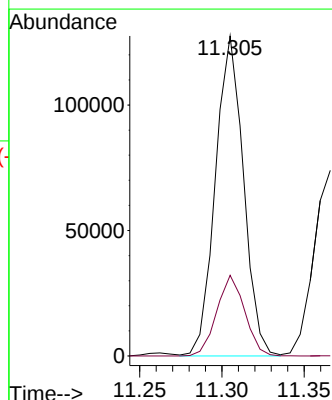
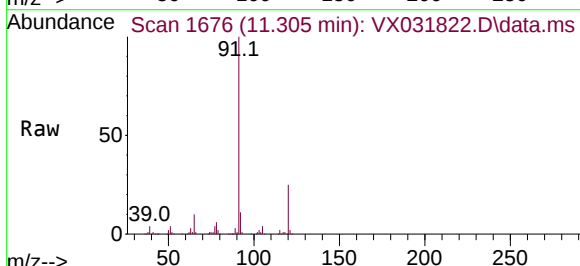
Acq: 30 Sep 2022 19:26

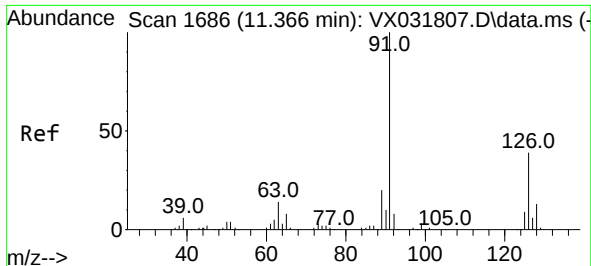
Tgt Ion: 91 Resp: 151357

Ion Ratio Lower Upper

91 100

120 25.0 0.0 51.0

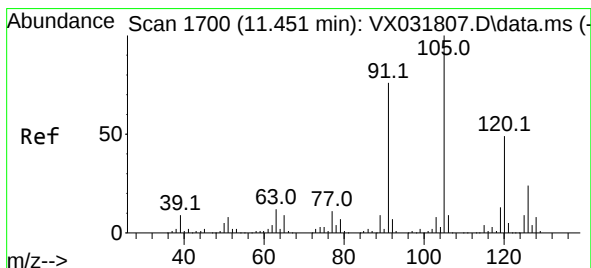
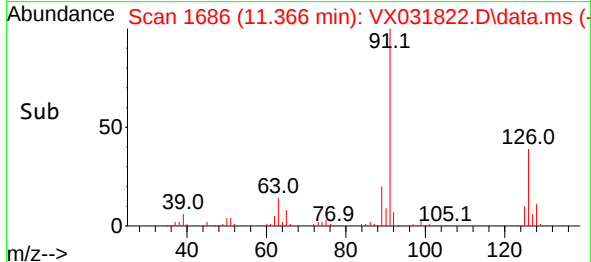
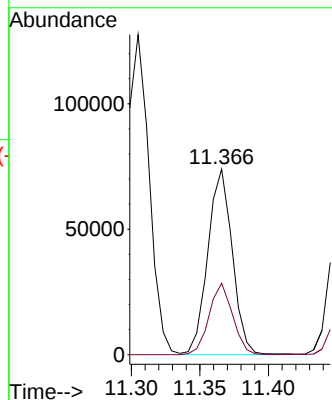
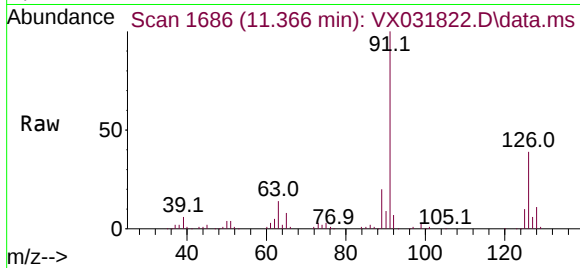




#75
2-Chlorotoluene
Concen: 20.009 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

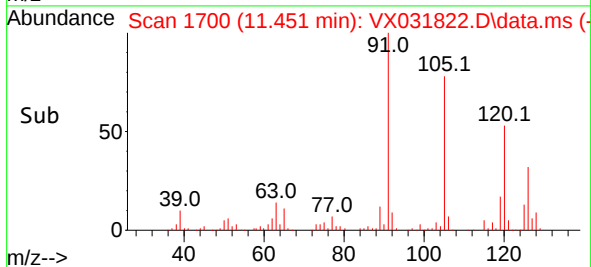
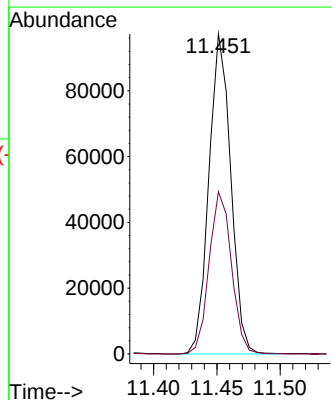
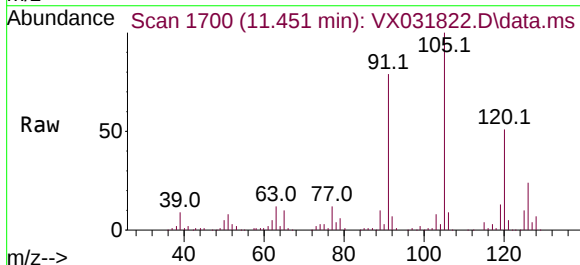
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

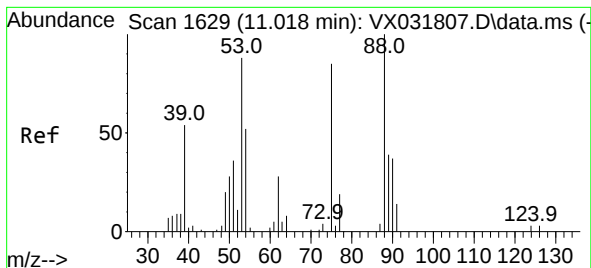
Tgt Ion: 91 Resp: 92058
Ion Ratio Lower Upper
91 100
126 37.0 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 19.940 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 105 Resp: 117003
Ion Ratio Lower Upper
105 100
120 51.8 0.0 100.6

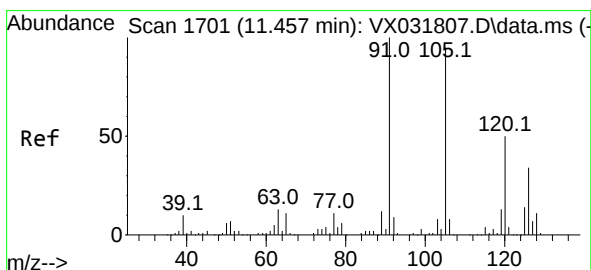
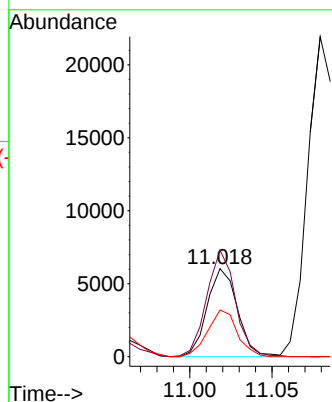
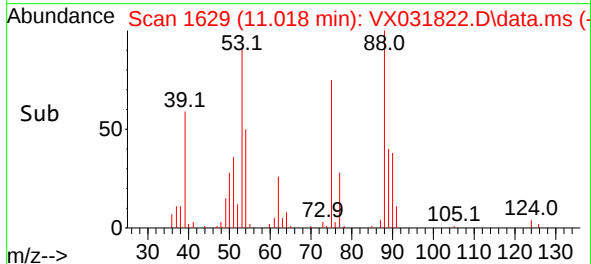
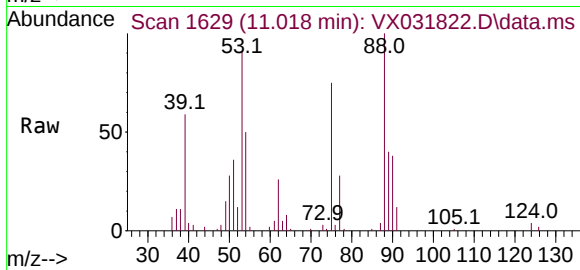




#77
t-1,4-Dichloro-2-butene
Concen: 15.511 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

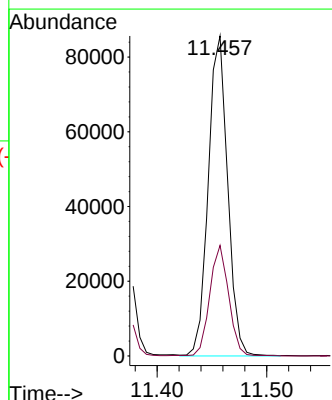
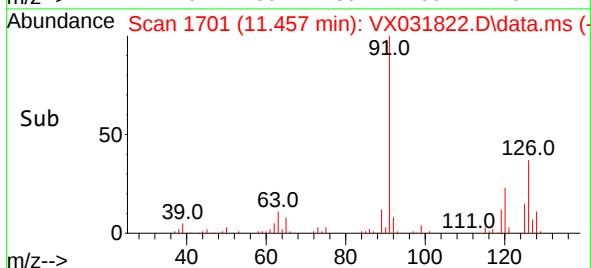
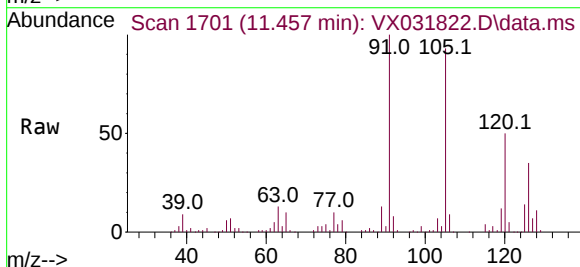
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

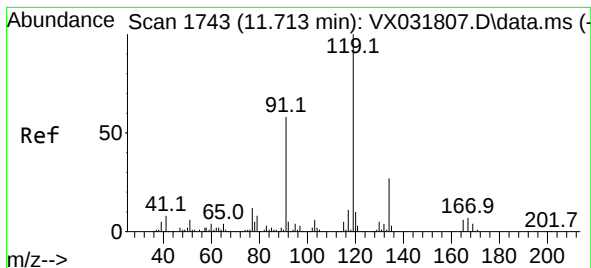
Tgt Ion: 75 Resp: 7729
Ion Ratio Lower Upper
75 100
53 119.9 51.8 155.4
89 53.2 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.067 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 91 Resp: 105250
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.0





#79

tert-butylbenzene

Concen: 19.349 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

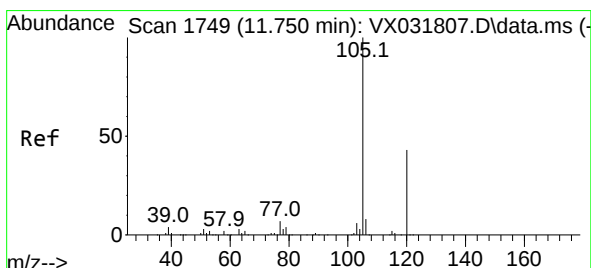
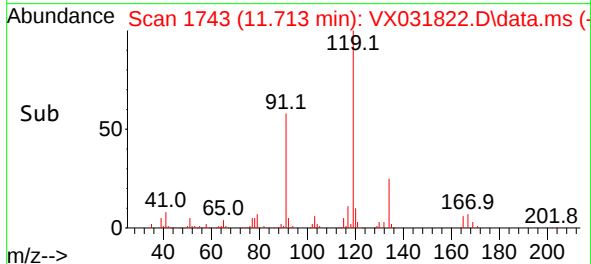
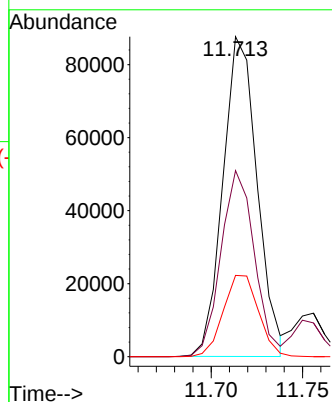
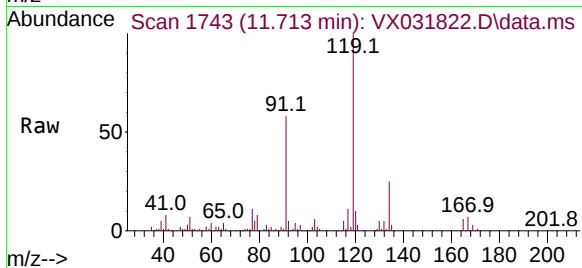
Tgt Ion:119 Resp: 114125

Ion Ratio Lower Upper

119 100

91 57.0 0.0 112.0

134 26.3 0.0 51.0



#80

1,2,4-Trimethylbenzene

Concen: 20.466 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031822.D

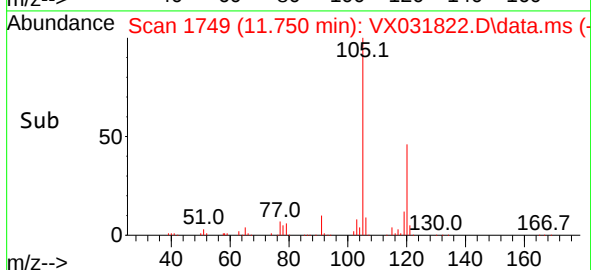
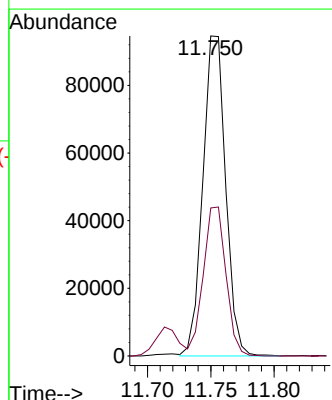
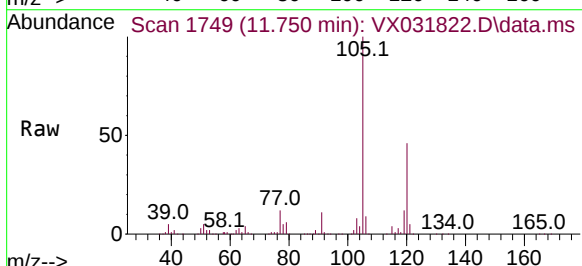
Acq: 30 Sep 2022 19:26

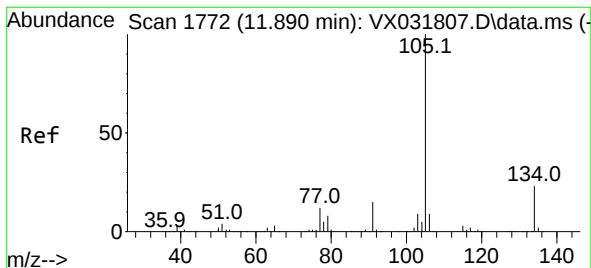
Tgt Ion:105 Resp: 119087

Ion Ratio Lower Upper

105 100

120 46.2 0.0 95.0

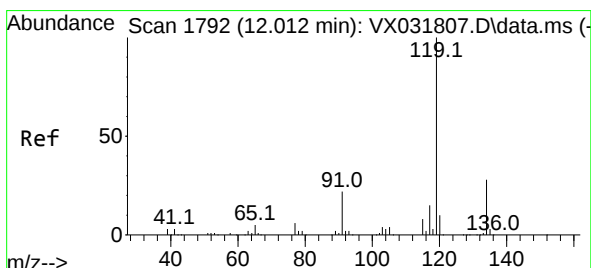
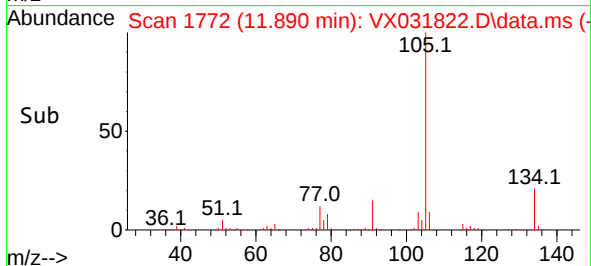
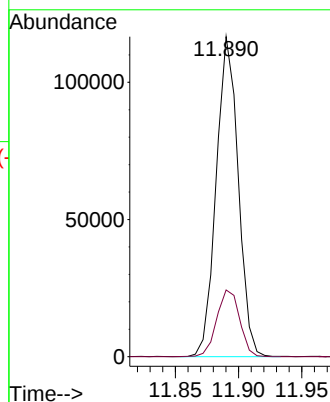
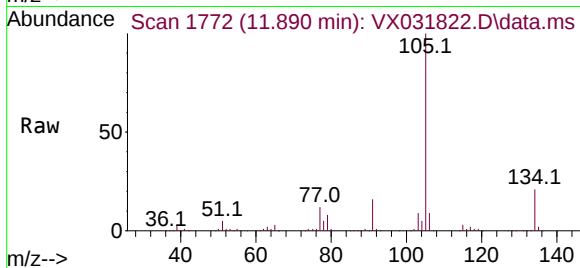




#81
 sec-Butylbenzene
 Concen: 19.514 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

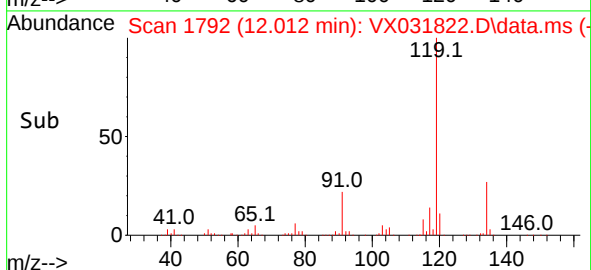
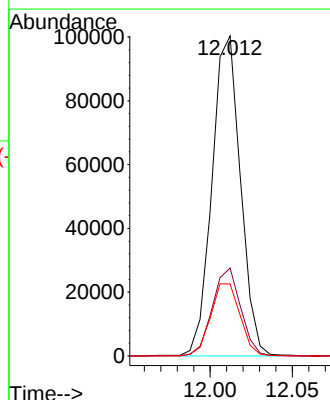
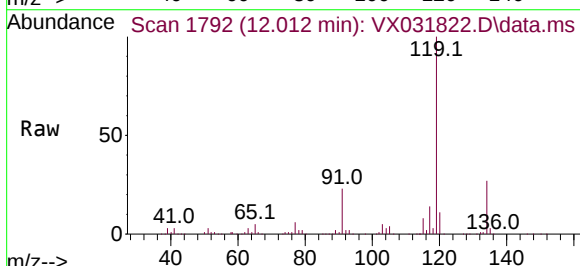
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

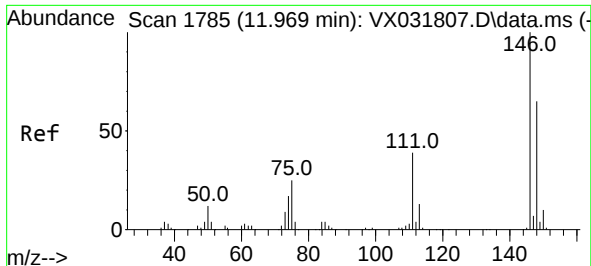
Tgt Ion:105 Resp: 140957
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 19.080 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

Tgt Ion:119 Resp: 121130
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 55.4
 91 23.3 0.0 45.6

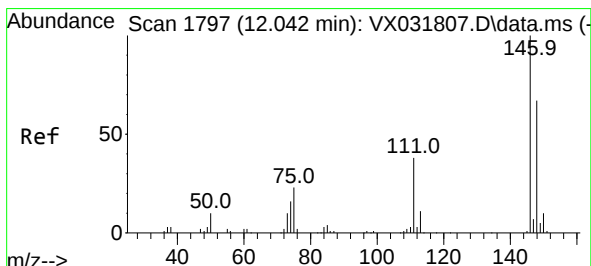
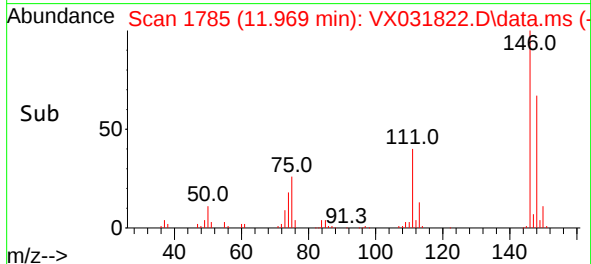
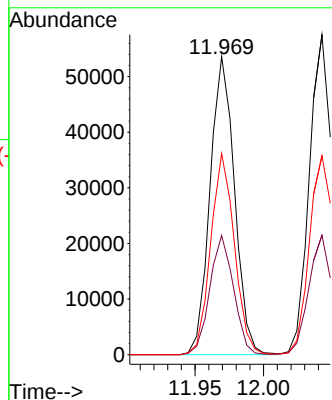
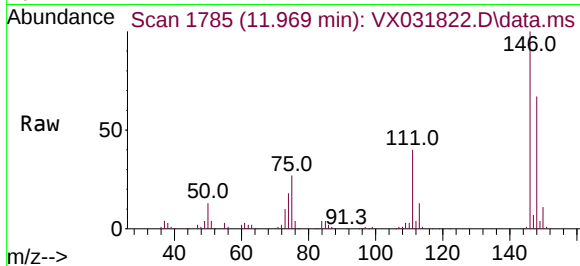




#83
 1,3-Dichlorobenzene
 Concen: 18.855 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

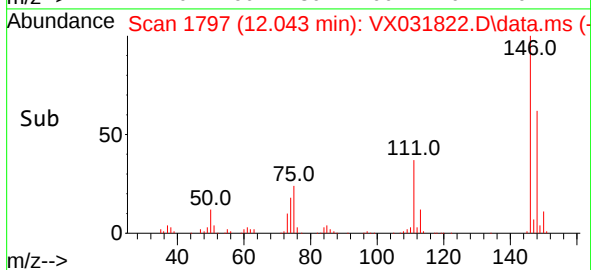
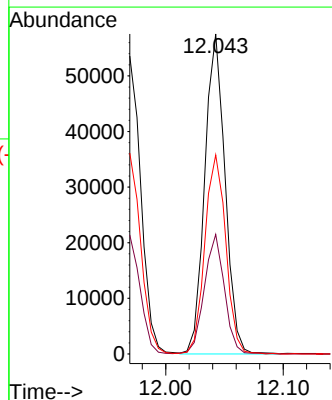
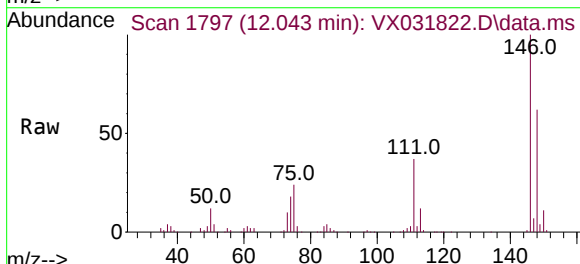
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

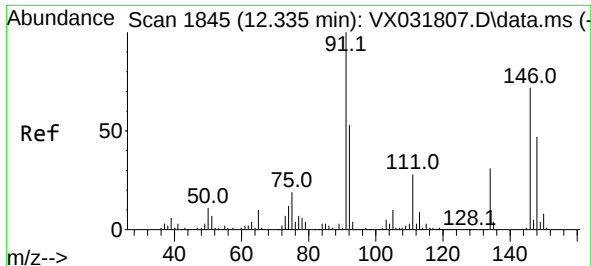
Tgt Ion:146 Resp: 66607
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 65.5 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 19.086 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

Tgt Ion:146 Resp: 69142
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 63.9 31.6 95.0

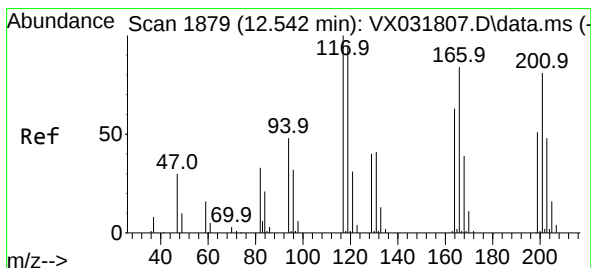
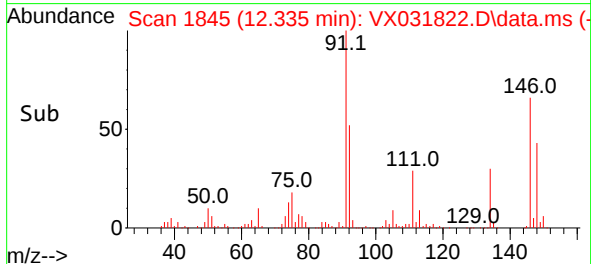
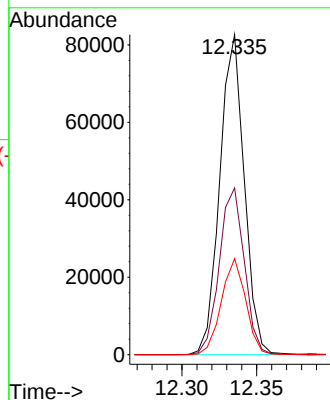
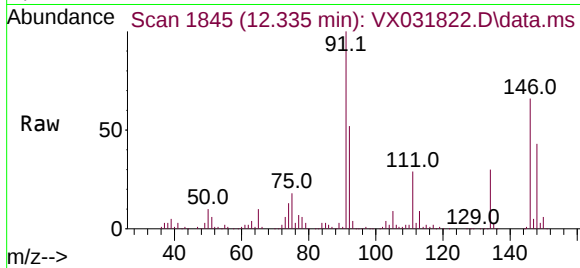




#85
n-Butylbenzene
Concen: 19.211 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

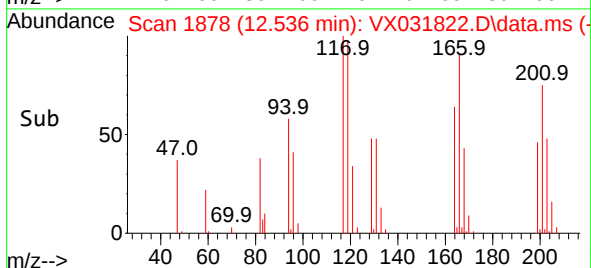
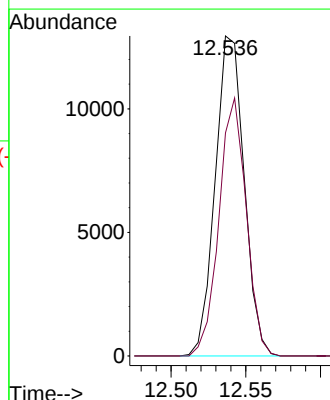
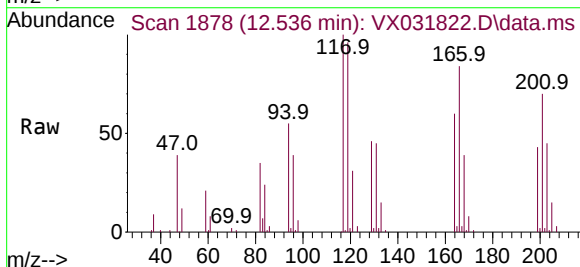
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

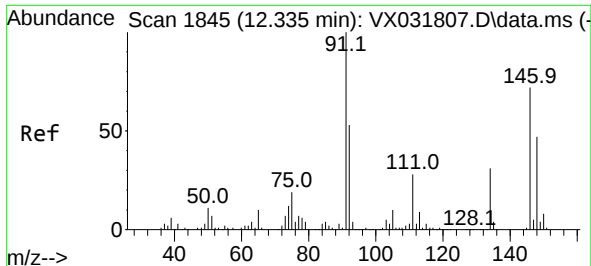
Tgt Ion: 91 Resp: 94048
Ion Ratio Lower Upper
91 100
92 53.4 0.0 108.4
134 29.9 0.0 60.6



#86
Hexachloroethane
Concen: 17.520 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 117 Resp: 17462
Ion Ratio Lower Upper
117 100
201 75.8 37.7 113.1

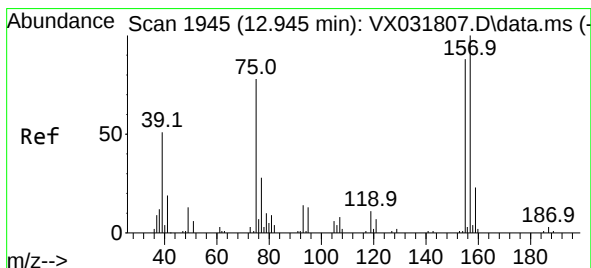
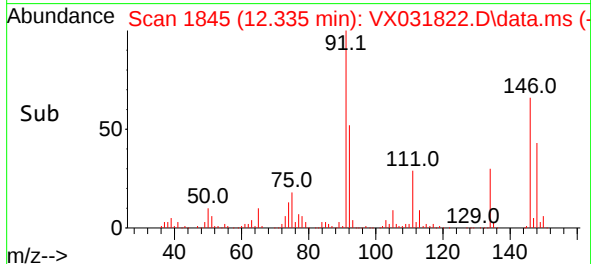
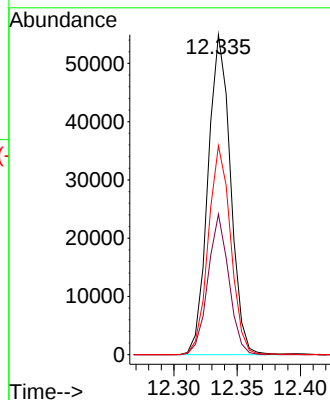
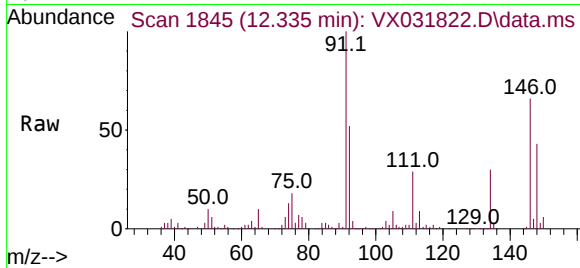




#87
1,2-Dichlorobenzene
Concen: 19.290 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

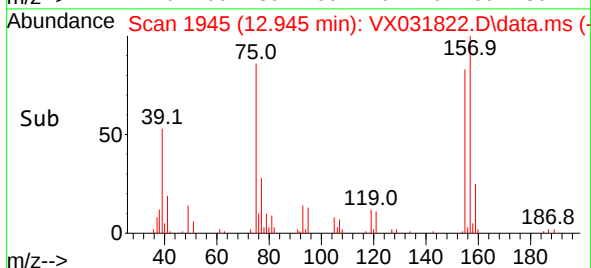
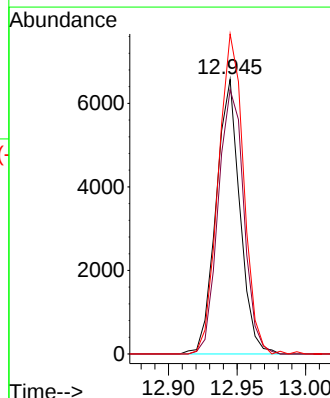
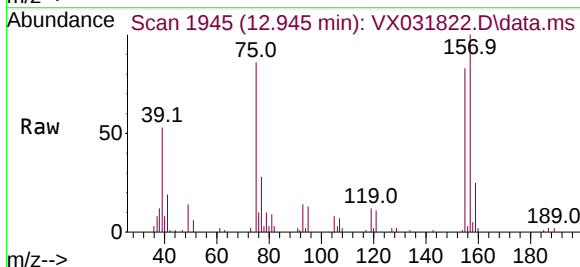
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

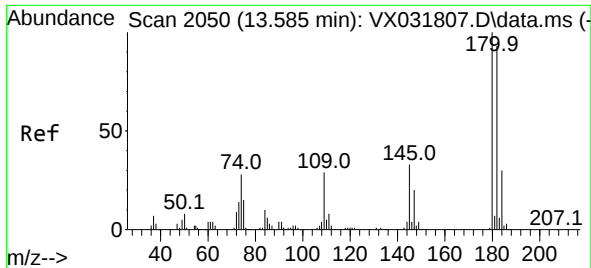
Tgt Ion:146 Resp: 67989
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 64.5 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.961 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031822.D
Acq: 30 Sep 2022 19:26

Tgt Ion: 75 Resp: 7947
Ion Ratio Lower Upper
75 100
155 103.2 85.0 127.6
157 123.3 101.0 151.6

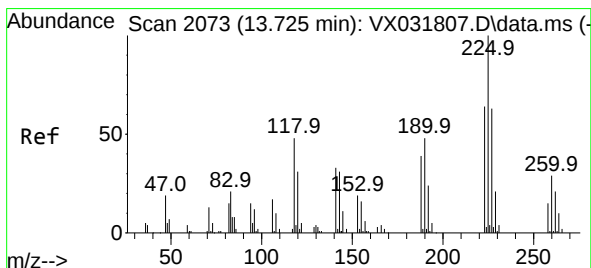
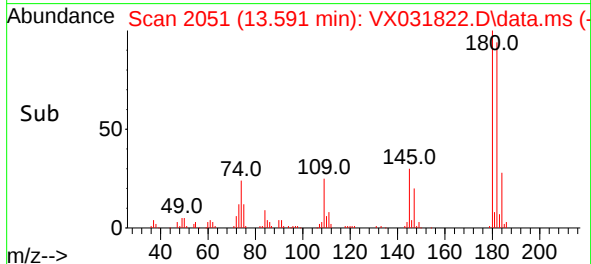
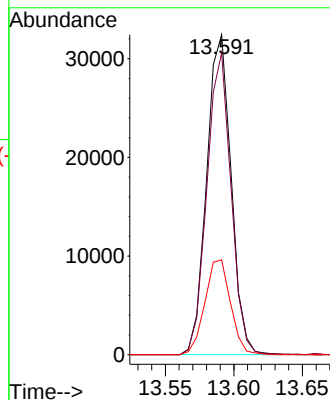
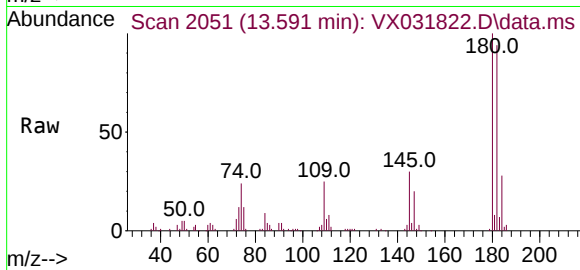




#89
 1,2,4-Trichlorobenzene
 Concen: 17.664 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

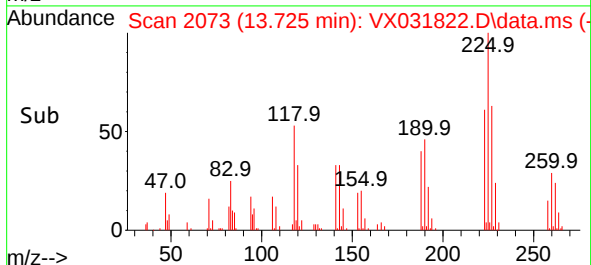
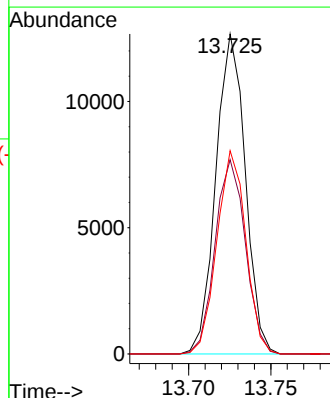
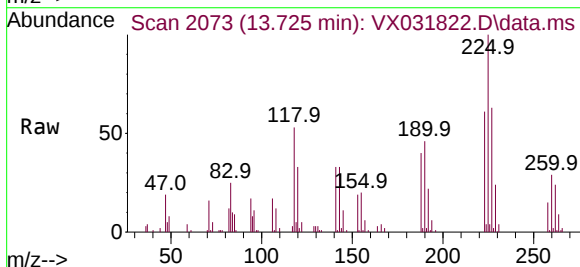
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

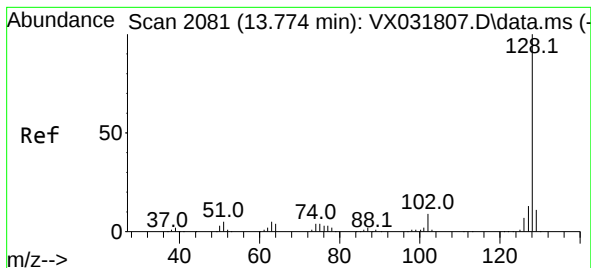
Tgt Ion:180 Resp: 40283
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.3 112.9
 145 31.1 25.9 38.9



#90
 Hexachlorobutadiene
 Concen: 17.227 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX031822.D
 Acq: 30 Sep 2022 19:26

Tgt Ion:225 Resp: 15783
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 126.0
 227 62.3 0.0 127.6





#91

Naphthalene

Concen: 19.087 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

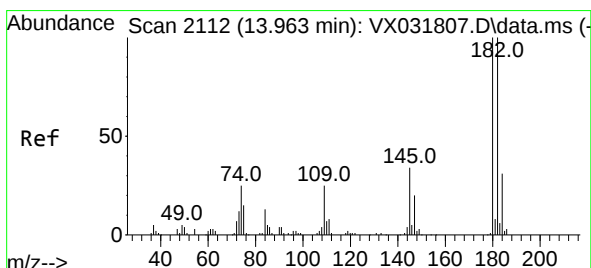
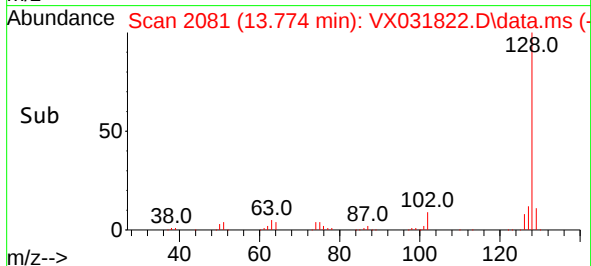
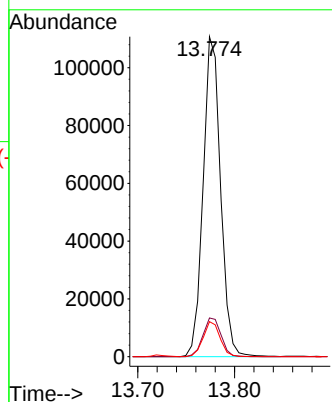
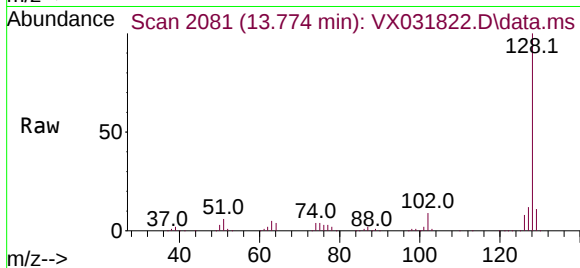
Tgt Ion:128 Resp: 139267

Ion Ratio Lower Upper

128 100

127 12.5 9.9 14.9

129 10.7 8.4 12.6



#92

1,2,3-Trichlorobenzene

Concen: 18.453 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031822.D

Acq: 30 Sep 2022 19:26

Tgt Ion:180 Resp: 41681

Ion Ratio Lower Upper

180 100

182 94.5 0.0 199.0

145 32.4 0.0 68.2

