

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041867.D
 Acq On : 14 Jun 2024 09:14
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Quant Time: Jun 14 09:40:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	28213	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	161594	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	153969	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58900	26.511	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 88.367%#			
60) 4-Bromofluorobenzene	11.079	95	72514	30.169	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.567%			
63) Toluene-d8	8.647	98	190948	28.931	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27187	18.424	ug/l	98
3) Chloromethane	1.300	50	32738	20.260	ug/l	100
4) Vinyl Chloride	1.374	62	33132	19.474	ug/l	97
5) Bromomethane	1.599	94	18223	16.840	ug/l	97
6) Chloroethane	1.666	64	17911	20.823	ug/l	98
7) Trichlorofluoromethane	1.867	101	50622	19.603	ug/l	97
8) Diethyl Ether	2.136	74	20938	21.712	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	33460	22.344	ug/l	96
10) 1,1-Dichloroethene	2.306	96	31270	21.663	ug/l	97
11) Methyl Iodide	2.447	142	40335	23.461	ug/l	95
12) Methyl Acetate	2.709	43	59735	27.478	ug/l	98
13) Acrolein	2.239	56	17724	66.970	ug/l	99
14) Acrylonitrile	3.068	53	105203	110.069	ug/l	95
15) Acetone	2.386	58	32916	128.534	ug/l	88
16) Carbon Disulfide	2.502	76	53637	16.458	ug/l	99
17) Allyl chloride	2.654	41	51920	20.269	ug/l	89
18) Methylene Chloride	2.782	84	37841	22.042	ug/l	93
19) trans-1,2-Dichloroethene	3.081	96	31944	19.299	ug/l	91
20) Diisopropyl ether	3.763	45	110887	20.603	ug/l	90
21) 1,1-Dichloroethane	3.605	63	61282	20.288	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	41346	20.557	ug/l	93
23) tert-Butyl Alcohol	2.989	59	37021	91.273	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	108002	20.041	ug/l	93
25) Chloroform	5.086	83	63568	19.754	ug/l	98
26) Cyclohexane	5.464	56	47589	18.893	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	40618	19.002	ug/l	98
30) 2-Butanone	4.562	43	146007	102.906	ug/l	98
31) 2,2-Dichloropropane	4.471	77	47906	19.096	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	52171	18.189	ug/l	96
33) Carbon Tetrachloride	5.672	117	44146	17.989	ug/l	97
34) Benzene	6.031	78	138346	20.493	ug/l	99
35) Methacrylonitrile	4.922	41	28853	20.159	ug/l	94
36) 1,2-Dichloroethane	6.080	62	44829	17.795	ug/l	95
37) Trichloroethene	7.123	130	37133	19.742	ug/l	93
38) Methylcyclohexane	7.373	83	52454	19.326	ug/l	98
39) 1,2-Dichloropropane	7.427	63	34026	21.322	ug/l	99
40) Dibromomethane	7.580	93	24440	19.459	ug/l	96
41) Bromodichloromethane	7.818	83	44502	18.873	ug/l	96
42) Vinyl Acetate	3.721	43	448090	91.025	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041867.D
 Acq On : 14 Jun 2024 09:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 14 09:40:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	48004	17.535	ug/l	97
44) Isopropyl Acetate	6.342	43	79522	19.216	ug/l	96
45) 1,4-Dioxane	7.665	88	15398	329.932	ug/l #	71
46) Methyl methacrylate	7.696	41	38636	18.764	ug/l	88
47) n-amyl Acetate	10.841	43	71008	18.922	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	44347	18.728	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	51292	19.998	ug/l #	89
50) 1,1,2-Trichloroethane	9.153	97	38154	21.838	ug/l	93
51) Ethyl methacrylate	9.116	69	57387	20.406	ug/l	85
52) 1,3-Dichloropropane	9.305	76	60978	21.121	ug/l	100
53) Dibromochloromethane	9.519	129	39913	20.077	ug/l	97
54) 1,2-Dibromoethane	9.610	107	39021	21.061	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	154752	112.737	ug/l	99
56) Bromoform	10.799	173	31856	20.001	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	281197	99.955	ug/l	95
59) 2-Hexanone	9.433	43	219124	97.773	ug/l	94
61) Tetrachloroethene	9.269	164	38219	20.289	ug/l	94
62) Toluene	8.714	91	153302	20.010	ug/l	100
64) Chlorobenzene	10.079	112	106636	20.492	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	37195	20.194	ug/l	99
66) Ethyl Benzene	10.195	91	168914	19.855	ug/l	100
67) m/p-Xylenes	10.299	106	135669	40.782	ug/l	99
68) o-Xylene	10.640	106	68098	20.336	ug/l	97
69) Styrene	10.652	104	114327	20.362	ug/l	98
70) Isopropylbenzene	10.963	105	175404	20.729	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	61276	21.080	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	64338	24.543	ug/l	91
73) Bromobenzene	11.195	156	51147	20.572	ug/l	97
74) n-propylbenzene	11.305	91	193008	20.229	ug/l	99
75) 2-Chlorotoluene	11.360	91	122047	20.369	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	146842	20.331	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	16642	20.198	ug/l	81
78) 4-Chlorotoluene	11.451	91	135771	19.895	ug/l	97
79) tert-butylbenzene	11.713	119	155958	20.289	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	146484	20.235	ug/l	97
81) sec-Butylbenzene	11.890	105	185144	20.612	ug/l	99
82) p-Isopropyltoluene	12.006	119	161290	20.513	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	91728	20.571	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	91412	20.289	ug/l	99
85) n-Butylbenzene	12.335	91	123562	19.529	ug/l	99
86) Hexachloroethane	12.536	117	25298	19.110	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	93508	20.546	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11730	18.375	ug/l	89
89) 1,2,4-Trichlorobenzene	13.585	180	62140	20.320	ug/l	99
90) Hexachlorobutadiene	13.725	225	31528	21.133	ug/l	97
91) Naphthalene	13.774	128	186313	20.384	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	65052	20.821	ug/l	100

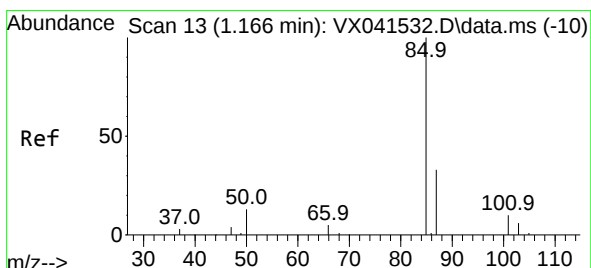
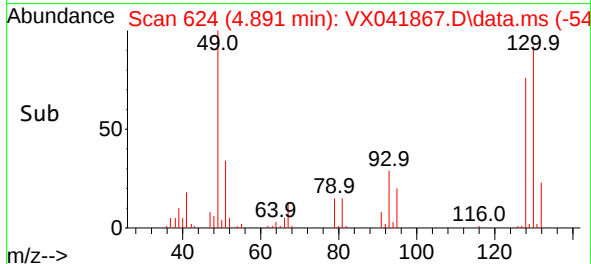
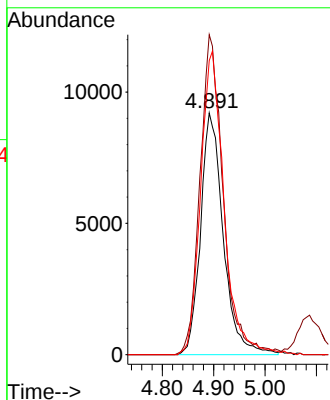
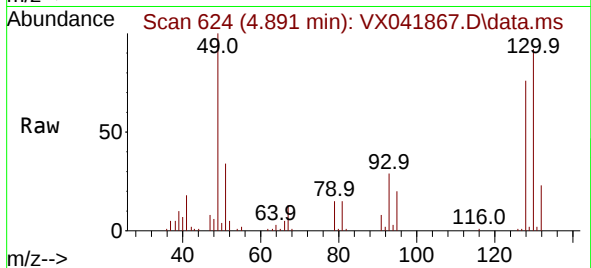
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

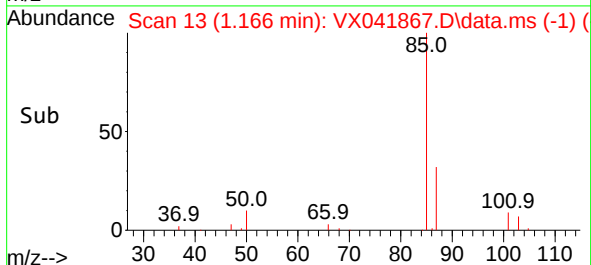
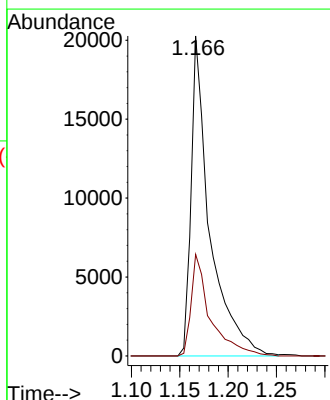
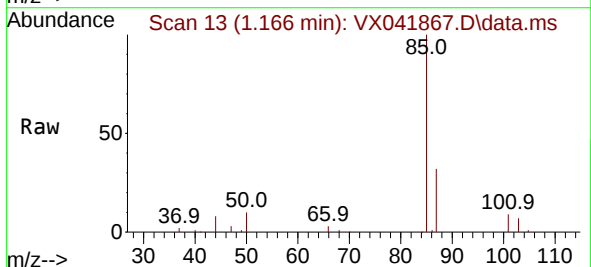
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

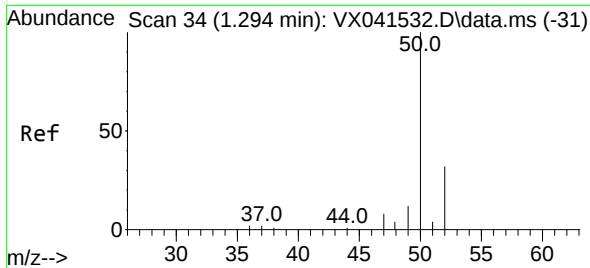
Tgt Ion:	128	Resp:	28213
Ion	Ratio	Lower	Upper
128	100		
49	132.6	0.0	361.5
130	129.3	0.0	324.3



#2
Dichlorodifluoromethane
Concen: 18.424 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion:	85	Resp:	27187
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.4	49.1

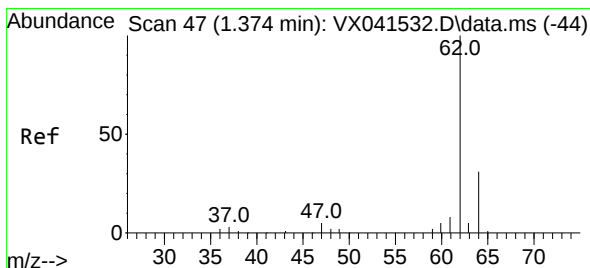
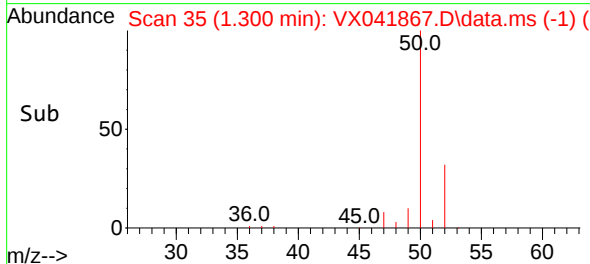
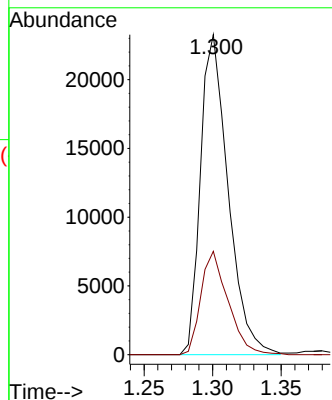
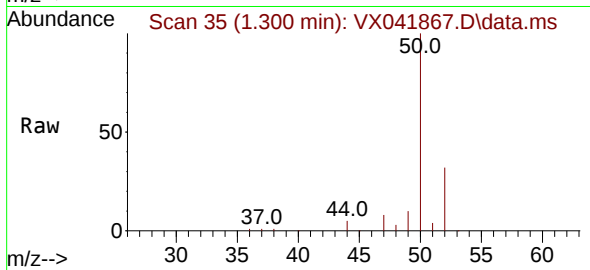




#3
Chloromethane
Concen: 20.260 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

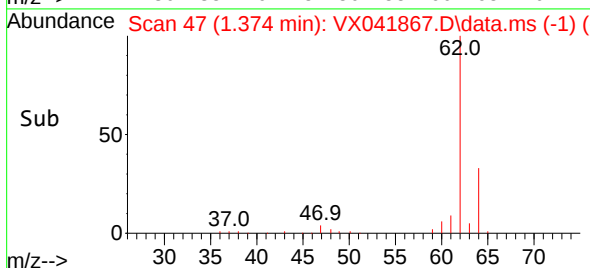
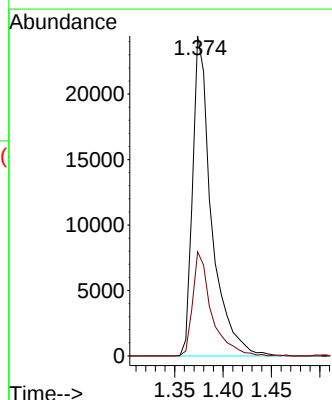
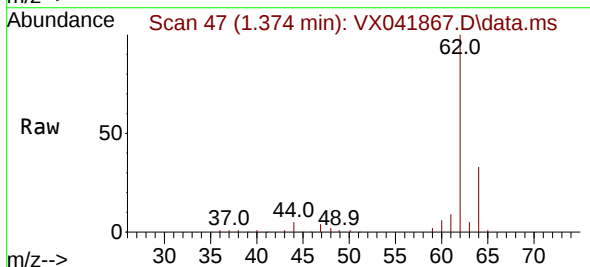
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

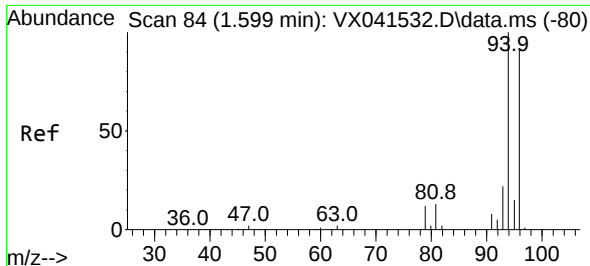
Tgt Ion: 50 Resp: 32738
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 19.474 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 62 Resp: 33132
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0

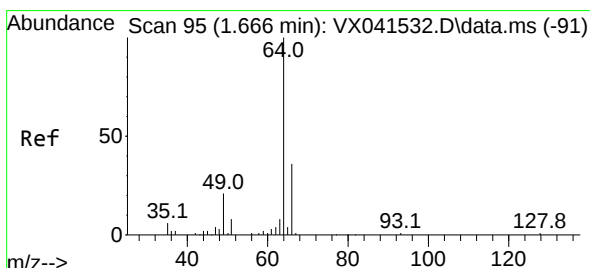
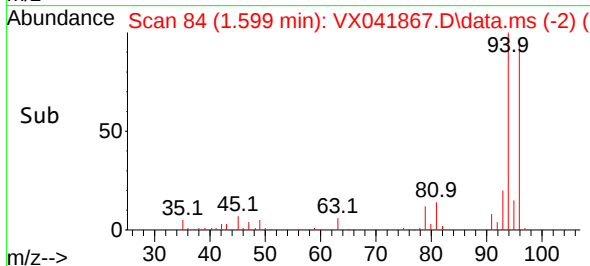
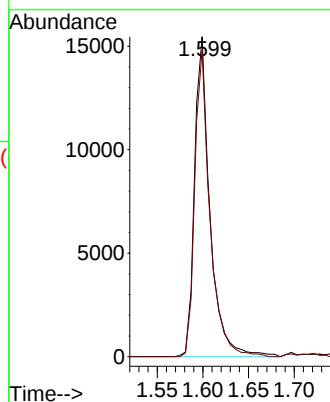
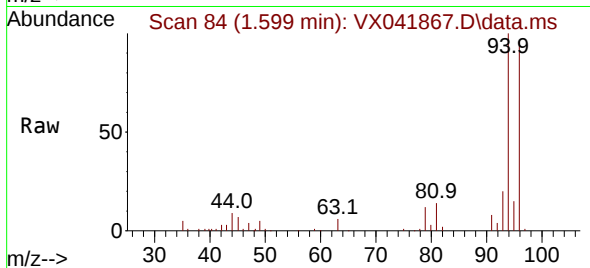




#5
Bromomethane
Concen: 16.840 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

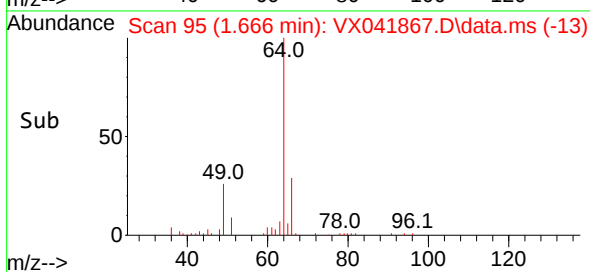
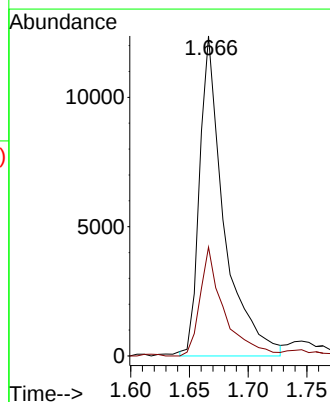
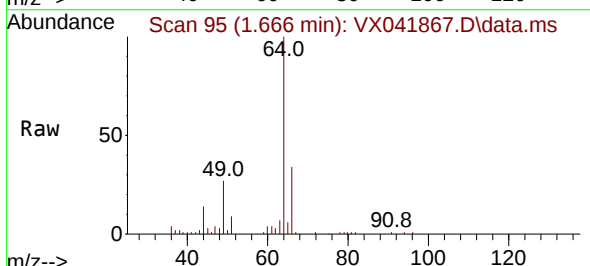
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

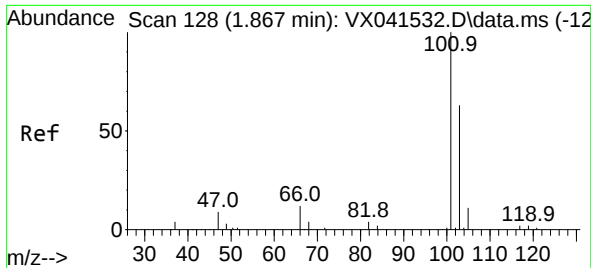
Tgt Ion: 94 Resp: 18223
Ion Ratio Lower Upper
94 100
96 95.7 73.9 110.9



#6
Chloroethane
Concen: 20.823 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 64 Resp: 17911
Ion Ratio Lower Upper
64 100
66 34.5 28.6 42.8

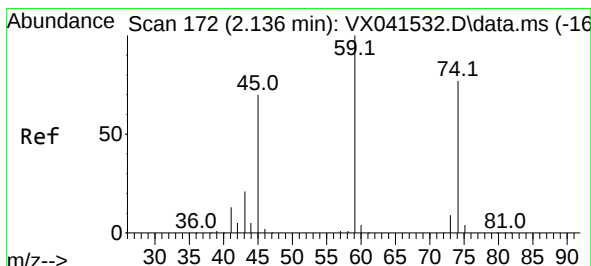
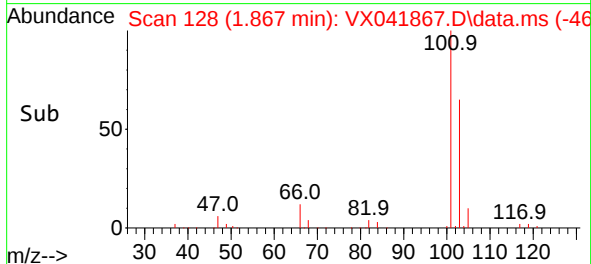
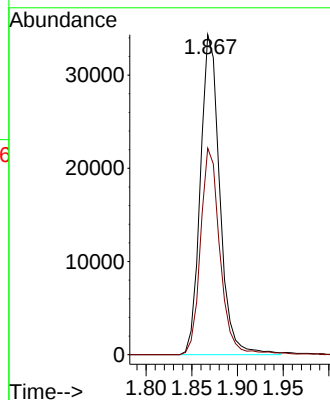
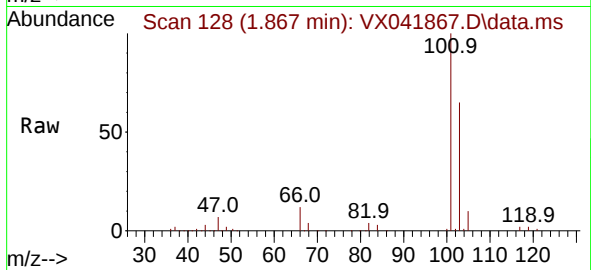




#7
 Trichlorofluoromethane
 Concen: 19.603 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

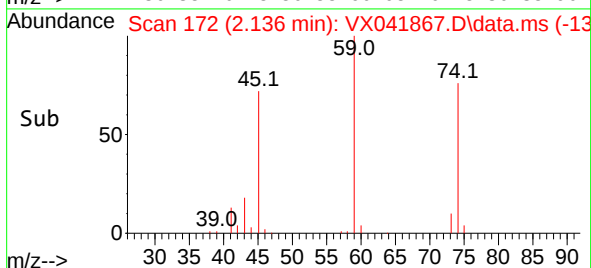
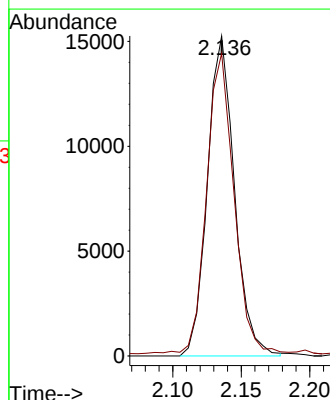
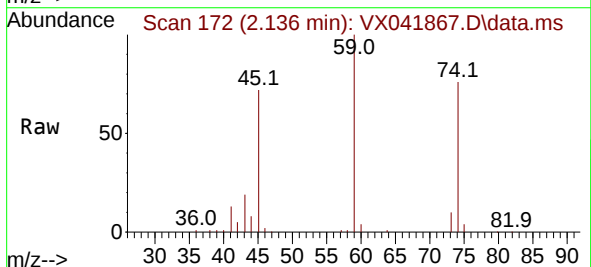
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

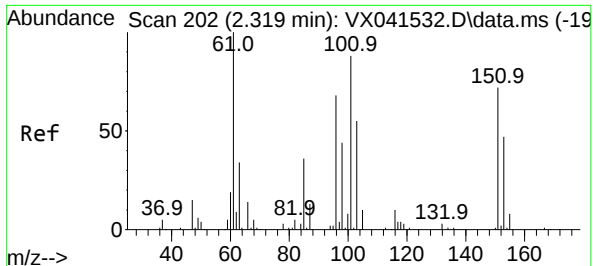
Tgt Ion:101 Resp: 50622
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.712 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

Tgt Ion: 74 Resp: 20938
 Ion Ratio Lower Upper
 74 100
 45 96.1 18.6 167.4

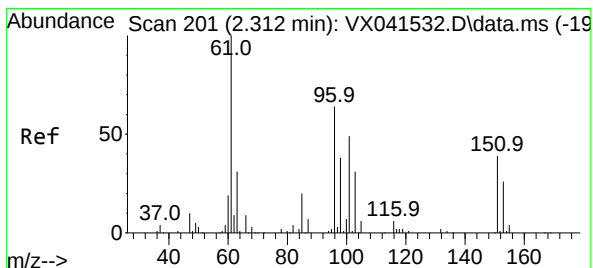
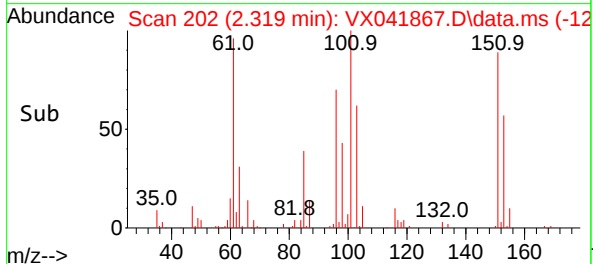
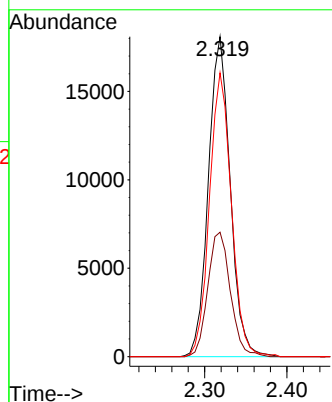
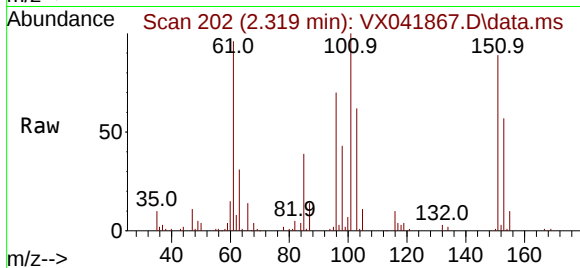




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.344 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

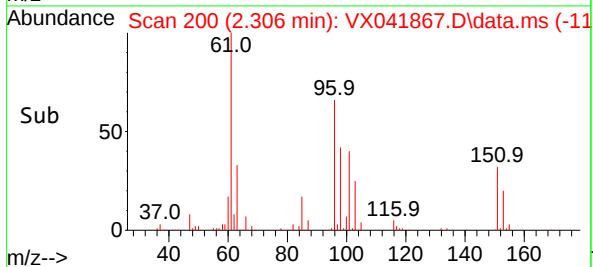
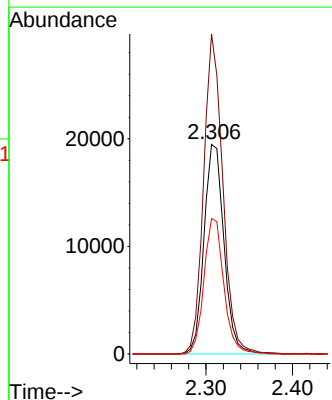
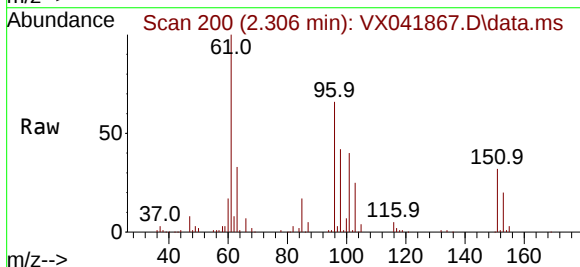
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

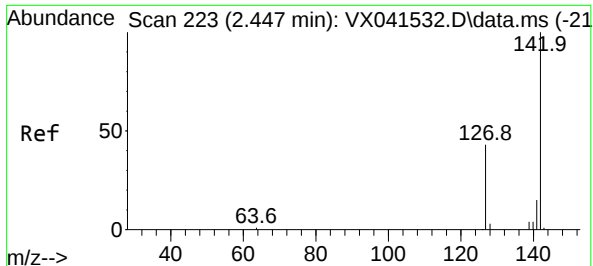
Tgt Ion:101 Resp: 33460
Ion Ratio Lower Upper
101 100
85 40.2 0.0 84.6
151 88.8 0.0 170.2



#10
1,1-Dichloroethene
Concen: 21.663 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 96 Resp: 31270
Ion Ratio Lower Upper
96 100
61 152.6 124.5 186.7
98 64.5 47.9 71.9

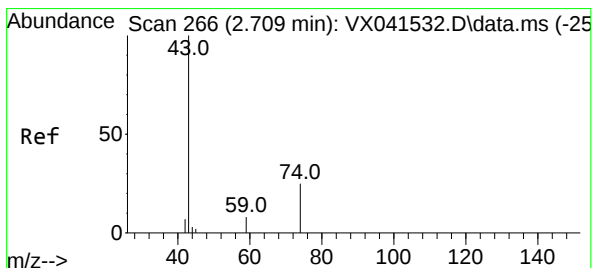
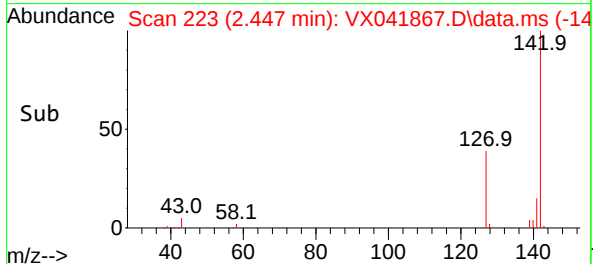
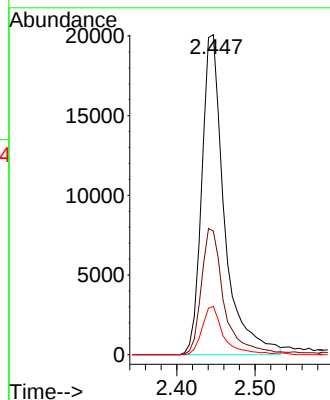
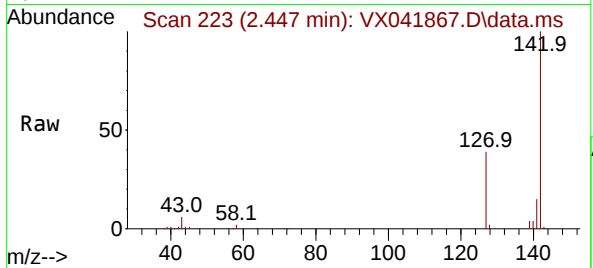




#11
Methyl Iodide
Concen: 23.461 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

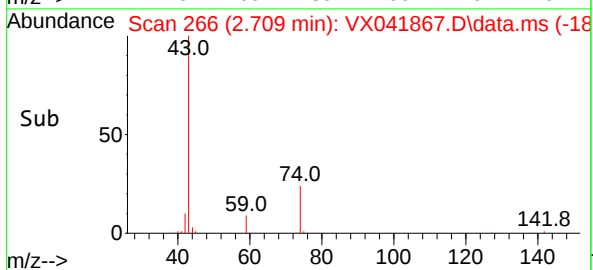
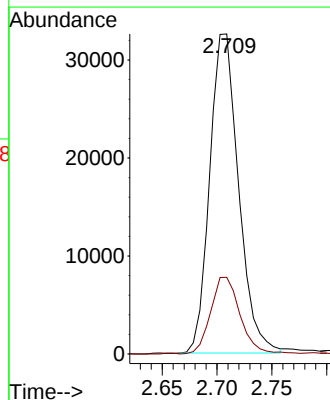
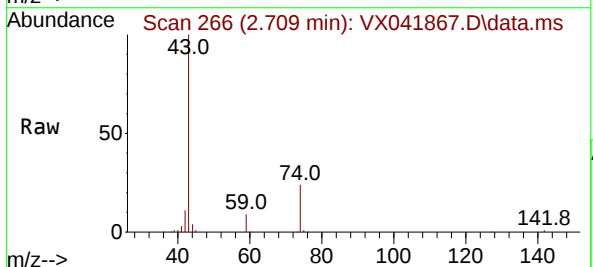
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

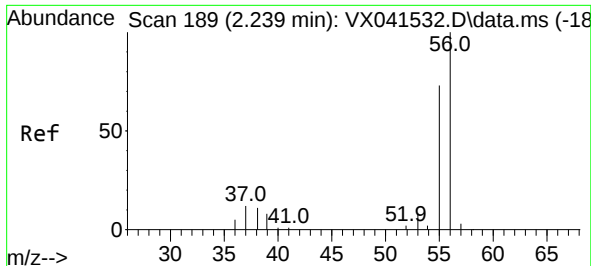
Tgt Ion:142 Resp: 40335
Ion Ratio Lower Upper
142 100
127 38.6 21.4 64.2
141 14.9 7.6 22.8



#12
Methyl Acetate
Concen: 27.478 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 43 Resp: 59735
Ion Ratio Lower Upper
43 100
74 23.9 19.9 29.9





#13

Acrolein

Concen: 66.970 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

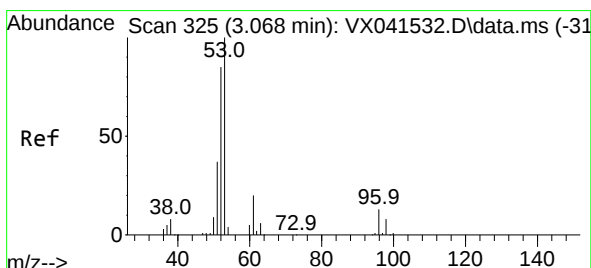
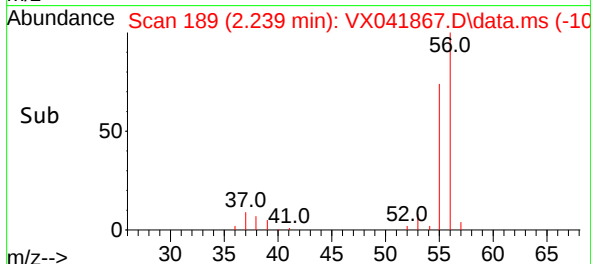
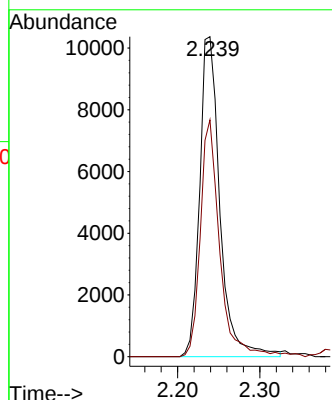
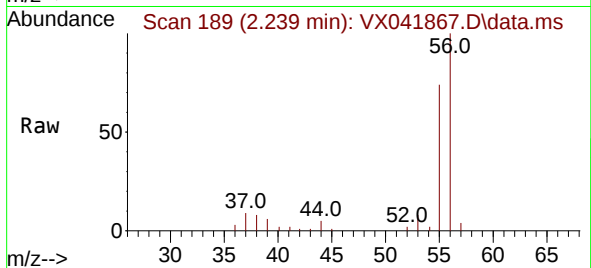
VSTDCCC020

Tgt Ion: 56 Resp: 17724

Ion Ratio Lower Upper

56 100

55 69.8 55.1 82.7



#14

Acrylonitrile

Concen: 110.069 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

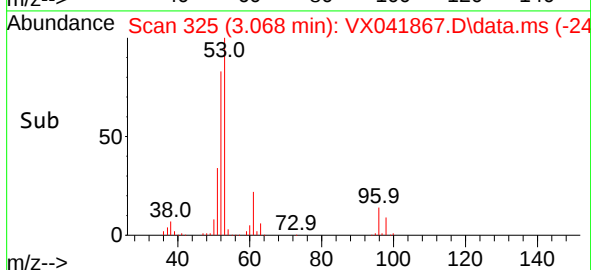
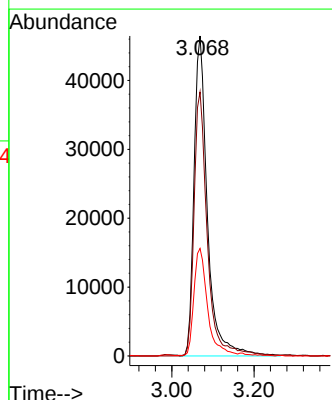
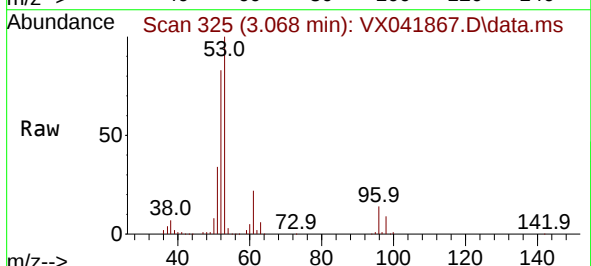
Tgt Ion: 53 Resp: 105203

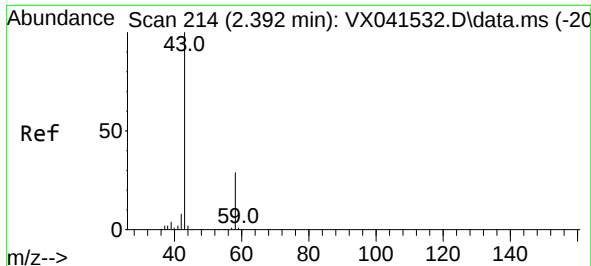
Ion Ratio Lower Upper

53 100

52 77.7 41.3 123.7

51 34.3 18.4 55.0





#15

Acetone

Concen: 128.534 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

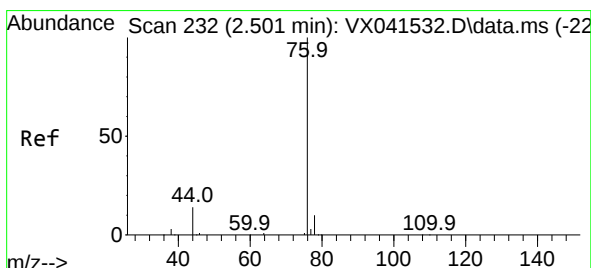
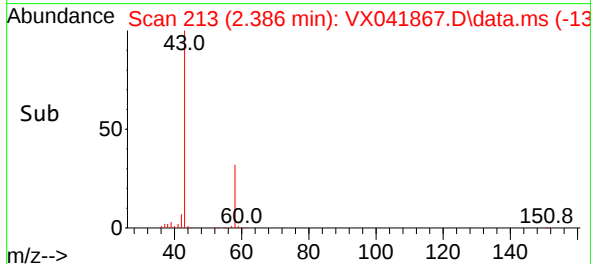
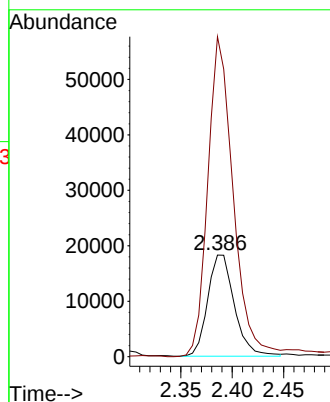
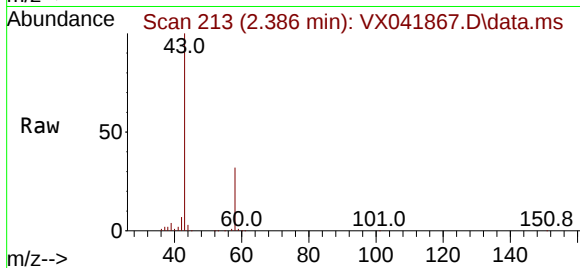
VSTDCCC020

Tgt Ion: 58 Resp: 32916

Ion Ratio Lower Upper

58 100

43 316.4 274.0 411.0



#16

Carbon Disulfide

Concen: 16.458 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041867.D

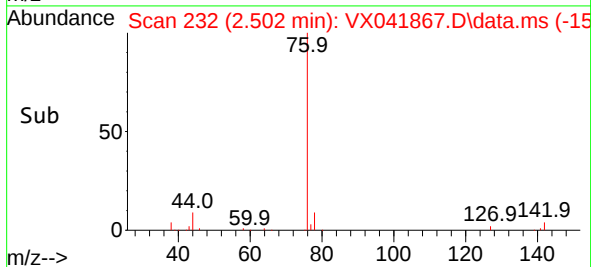
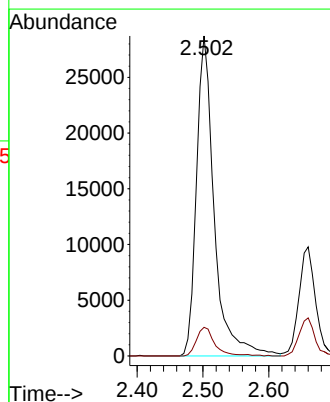
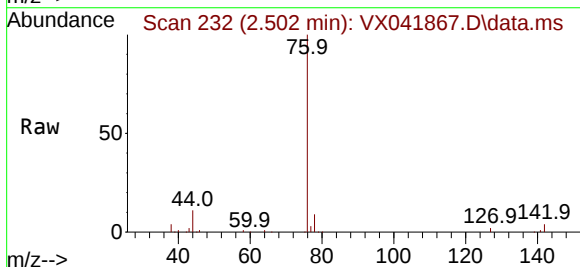
Acq: 14 Jun 2024 09:14

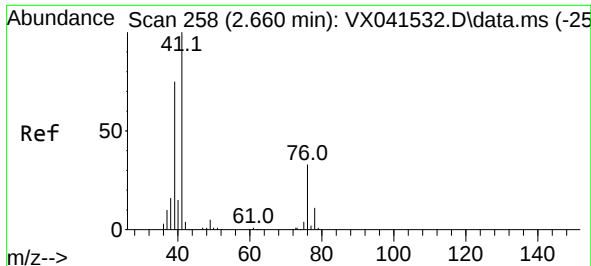
Tgt Ion: 76 Resp: 53637

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4





#17

Allyl chloride

Concen: 20.269 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

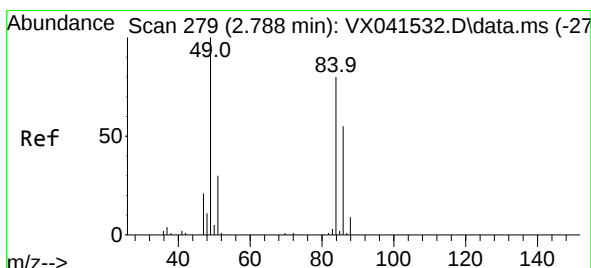
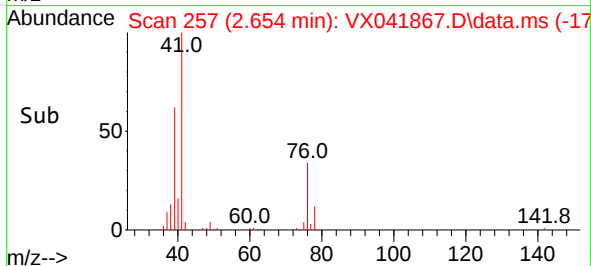
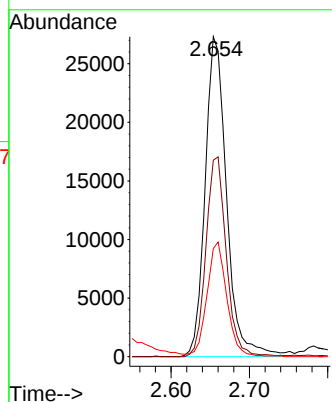
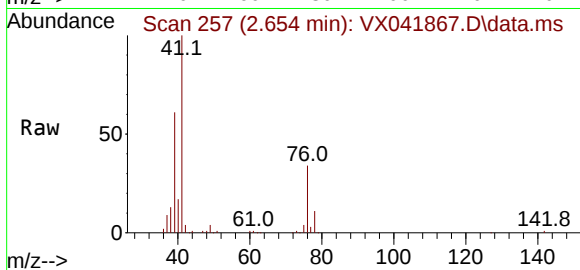
Tgt Ion: 41 Resp: 51920

Ion Ratio Lower Upper

41 100

39 61.4 37.5 112.7

76 33.6 16.6 49.8



#18

Methylene Chloride

Concen: 22.042 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Tgt Ion: 84 Resp: 37841

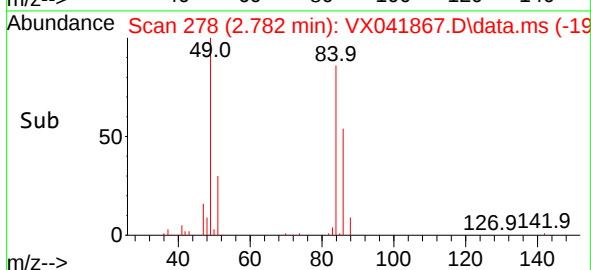
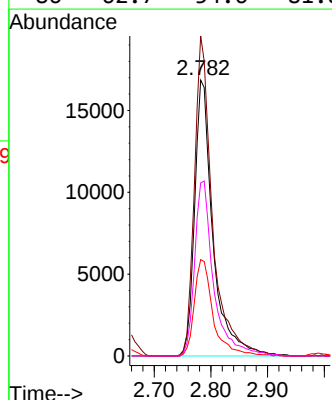
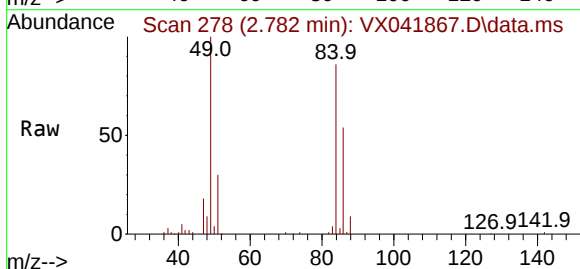
Ion Ratio Lower Upper

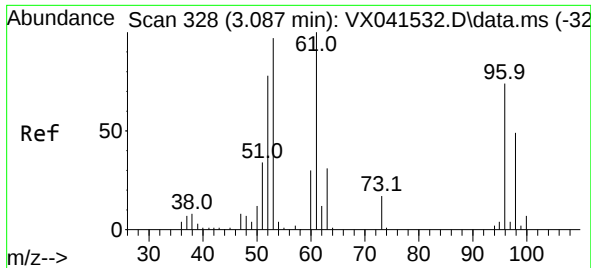
84 100

49 115.6 99.8 149.8

51 34.9 30.2 45.4

86 62.7 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 19.299 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

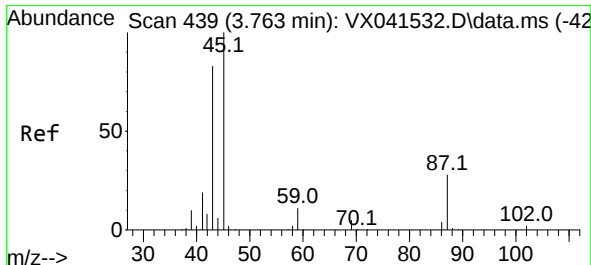
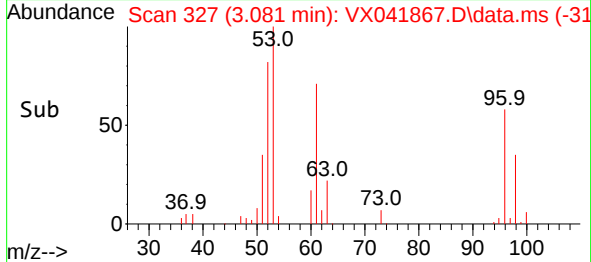
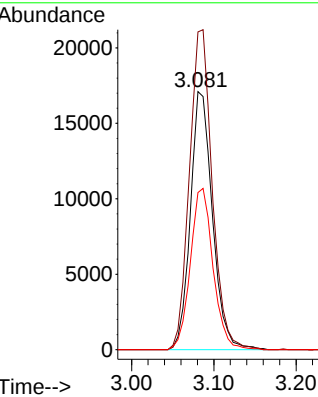
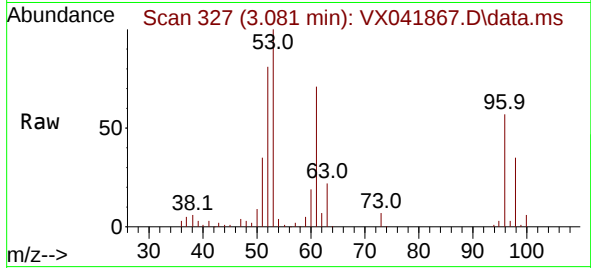
Tgt Ion: 96 Resp: 31944

Ion Ratio Lower Upper

96 100

61 123.1 107.7 161.5

98 60.9 53.1 79.7



#20

Diisopropyl ether

Concen: 20.603 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Tgt Ion: 45 Resp: 110887

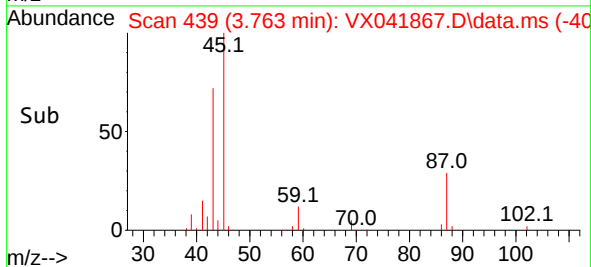
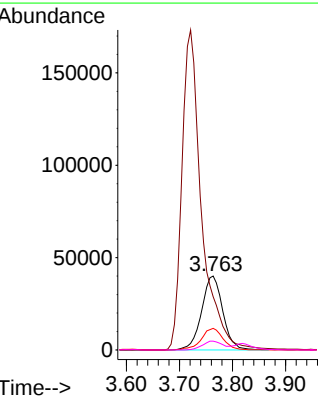
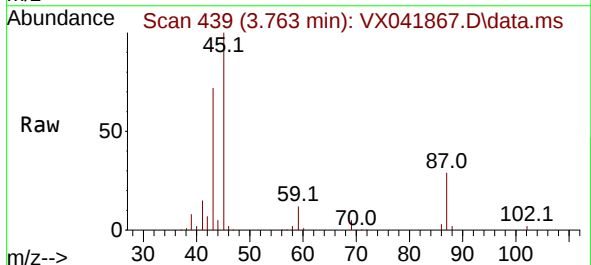
Ion Ratio Lower Upper

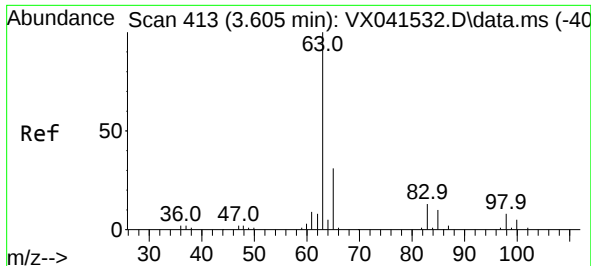
45 100

43 71.0 66.7 100.1

87 29.2 22.4 33.6

59 11.9 9.0 13.4

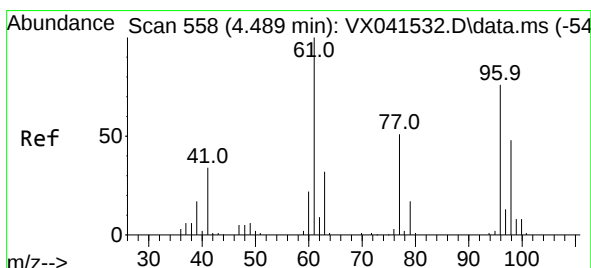
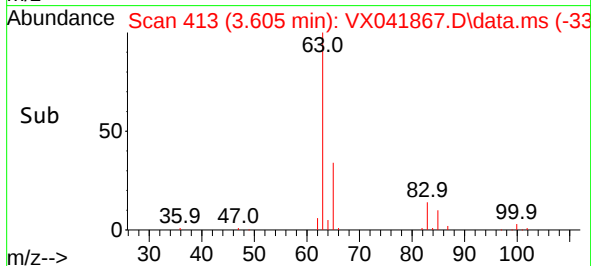
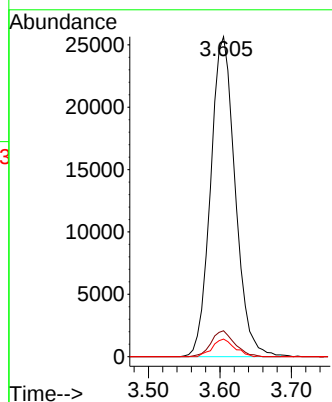
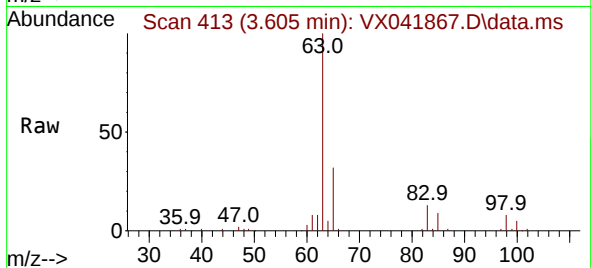




#21
 1,1-Dichloroethane
 Concen: 20.288 ug/l
 RT: 3.605 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

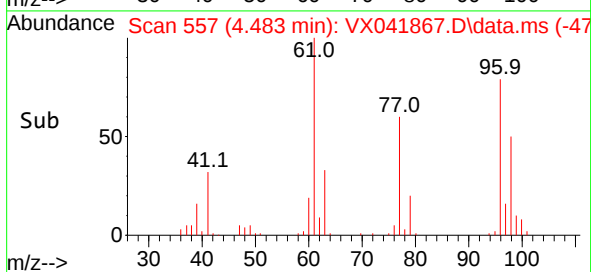
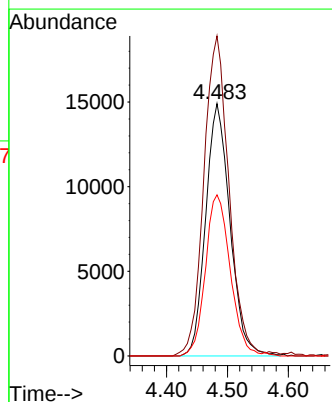
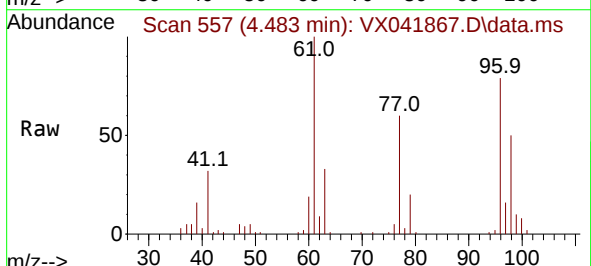
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

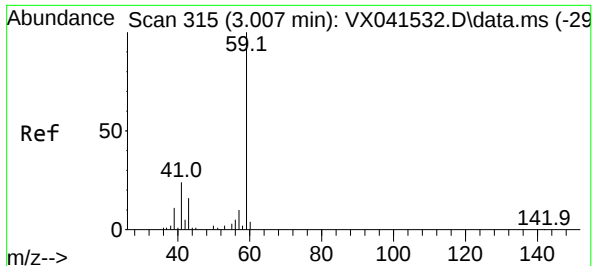
Tgt Ion: 63 Resp: 61282
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.5 2.5 7.4



#22
 cis-1,2-Dichloroethene
 Concen: 20.557 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

Tgt Ion: 96 Resp: 41346
 Ion Ratio Lower Upper
 96 100
 61 130.8 114.2 171.4
 98 65.0 52.6 79.0

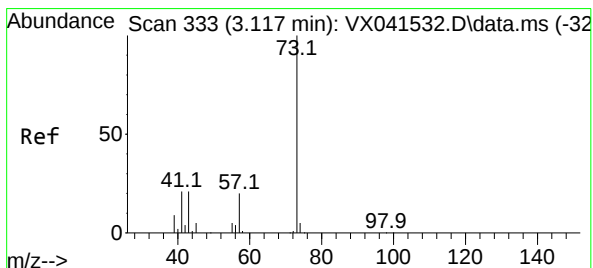
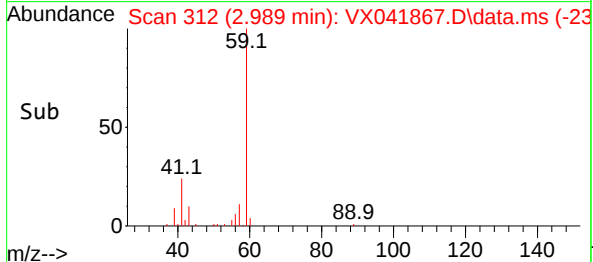
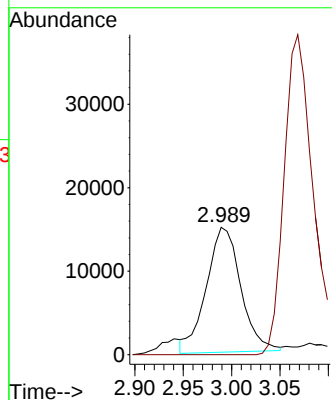
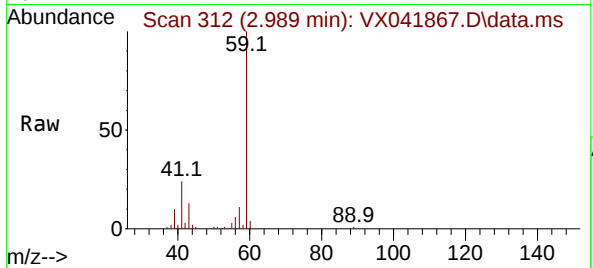




#23
tert-Butyl Alcohol
Concen: 91.273 ug/l
RT: 2.989 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

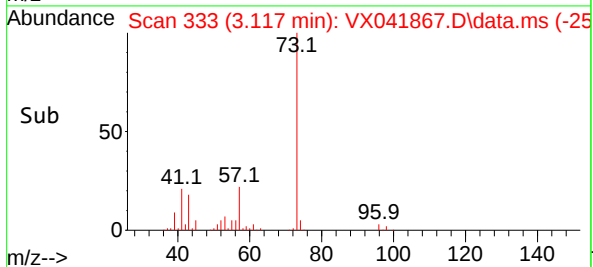
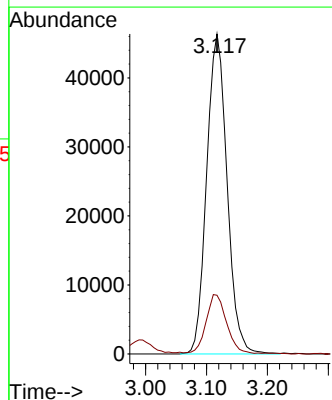
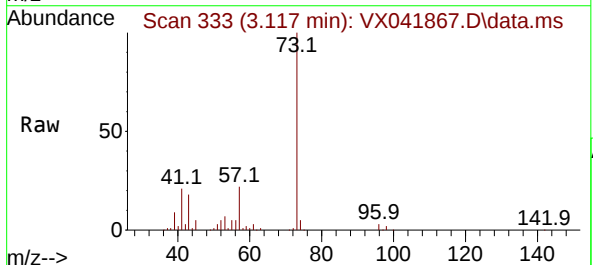
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

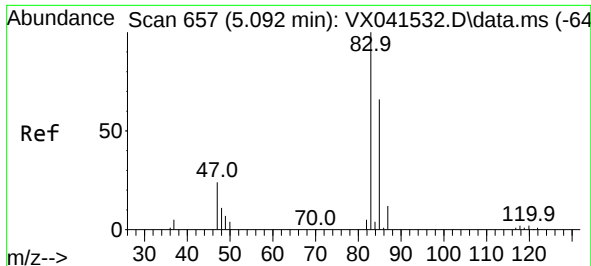
Tgt Ion: 59 Resp: 37021
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.041 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 73 Resp: 108002
Ion Ratio Lower Upper
73 100
43 18.2 17.2 25.8

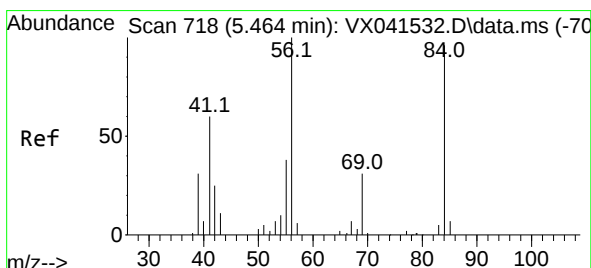
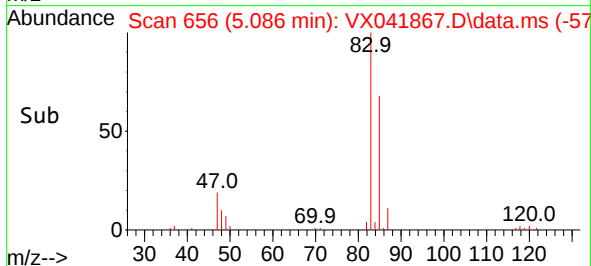
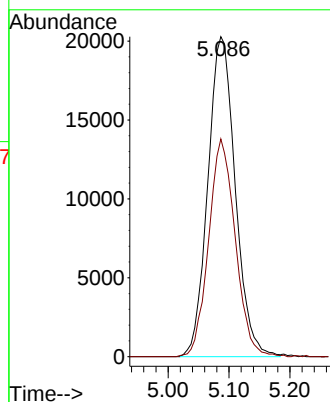
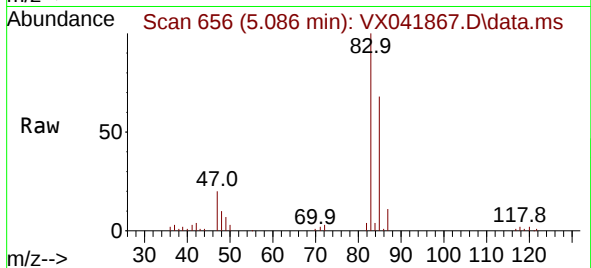




#25
Chloroform
Concen: 19.754 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

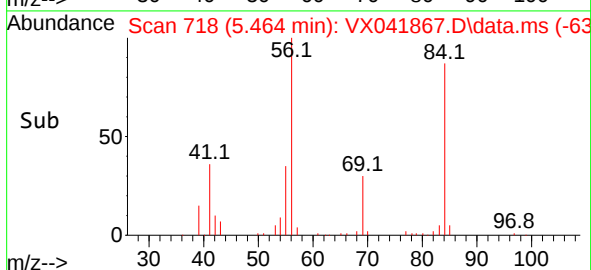
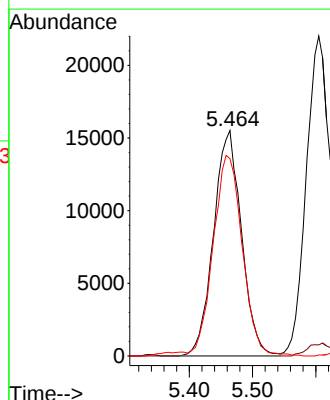
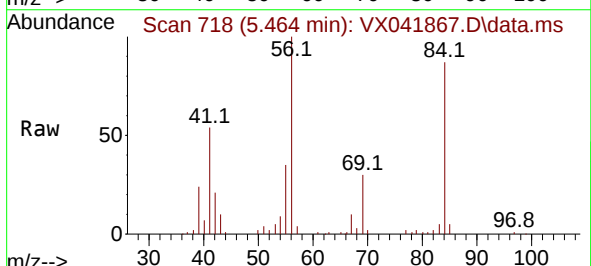
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

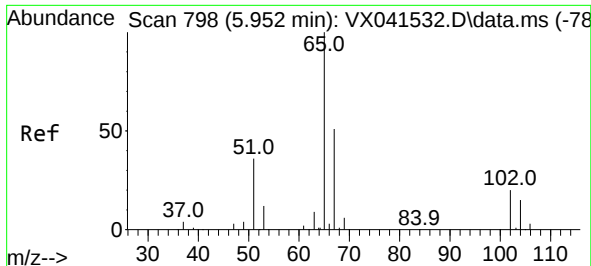
Tgt Ion: 83 Resp: 63568
Ion Ratio Lower Upper
83 100
85 67.7 52.9 79.3



#26
Cyclohexane
Concen: 18.893 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 56 Resp: 47589
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.0 74.0 111.0

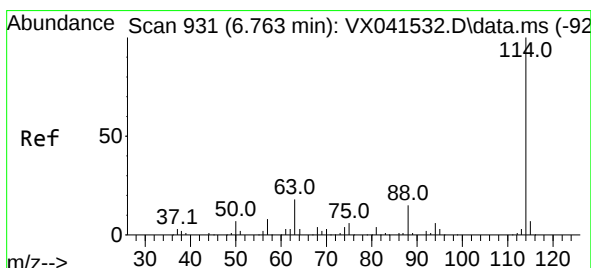
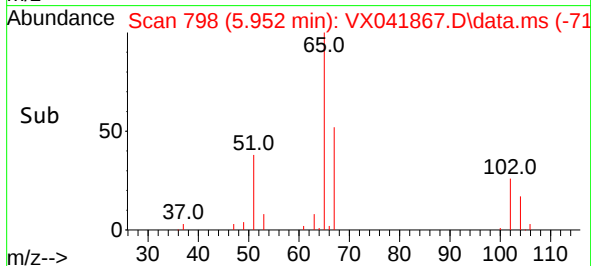
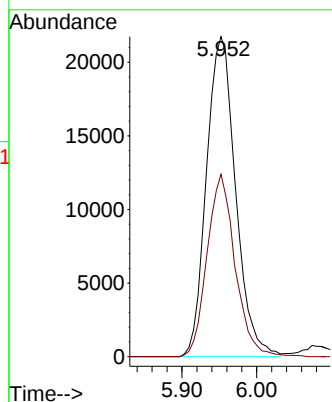
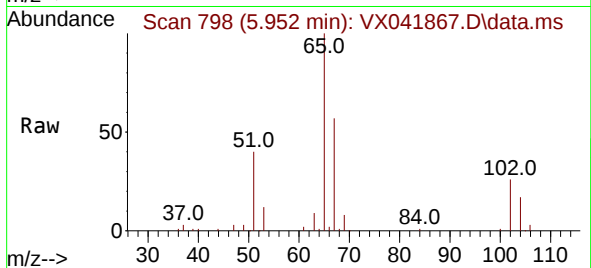




#27
1,2-Dichloroethane-d4
Concen: 26.511 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

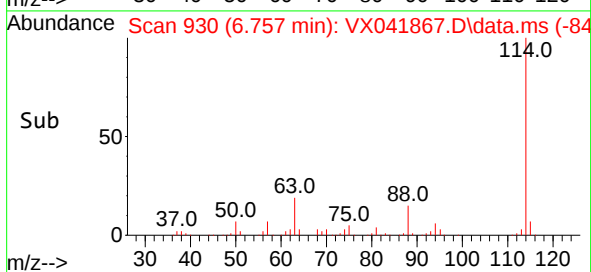
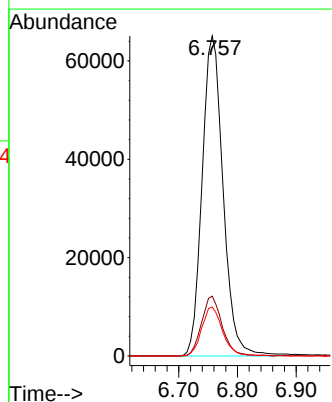
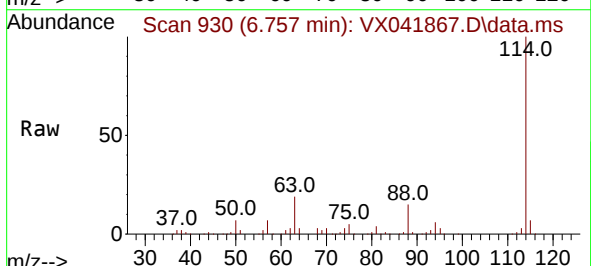
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

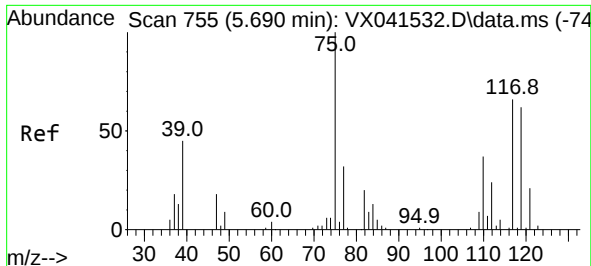
Tgt Ion: 65 Resp: 58900
Ion Ratio Lower Upper
65 100
67 54.6 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 114 Resp: 161594
Ion Ratio Lower Upper
114 100
63 18.2 15.4 23.0
88 15.1 12.2 18.2

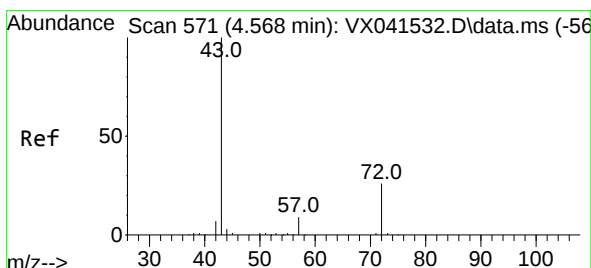
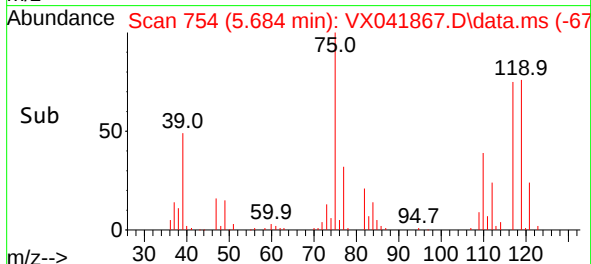
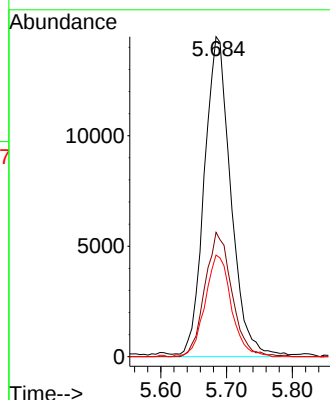
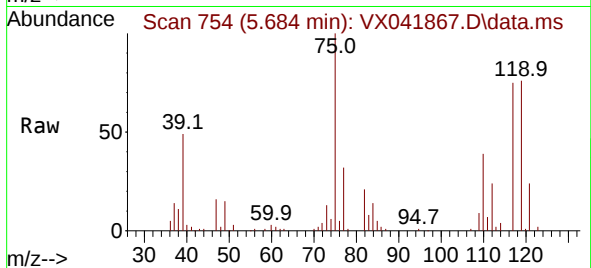




#29
1,1-Dichloropropene
Concen: 19.002 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

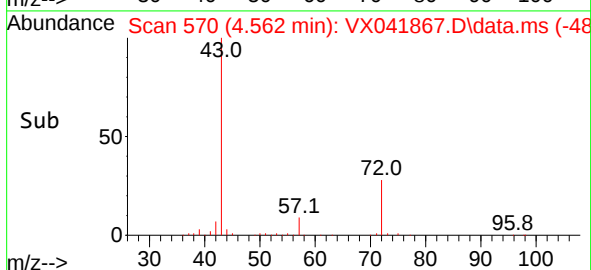
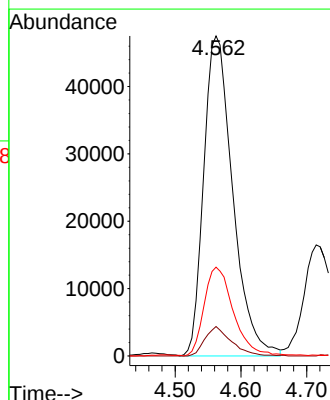
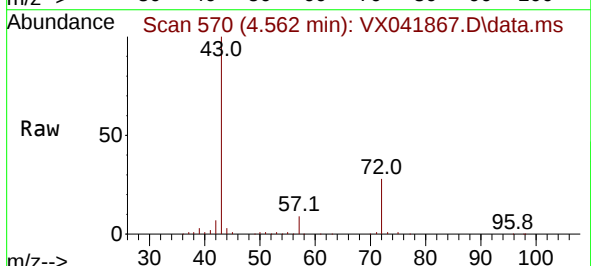
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

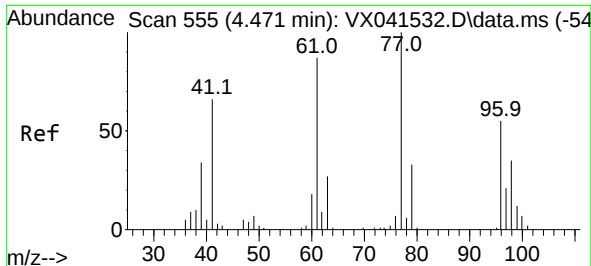
Tgt Ion: 75 Resp: 40618
Ion Ratio Lower Upper
75 100
110 39.4 0.0 74.4
77 31.4 0.0 62.6



#30
2-Butanone
Concen: 102.906 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 43 Resp: 146007
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 27.5 20.7 31.1

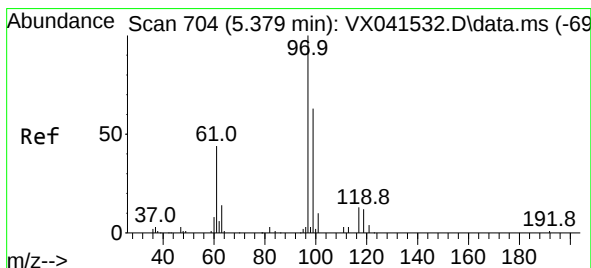
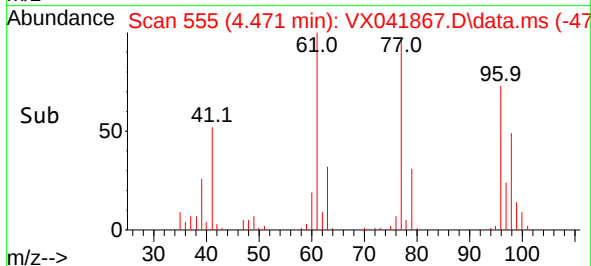
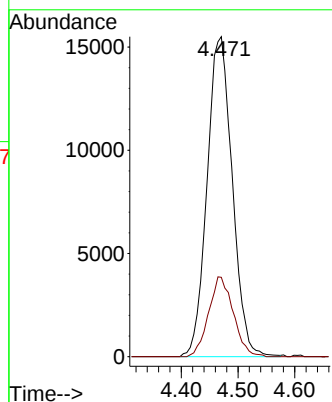
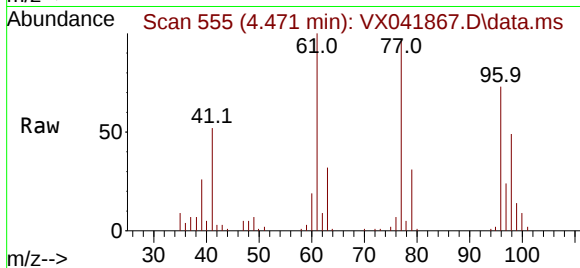




#31
2,2-Dichloropropane
Concen: 19.096 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

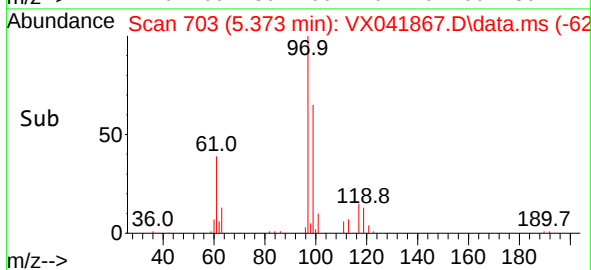
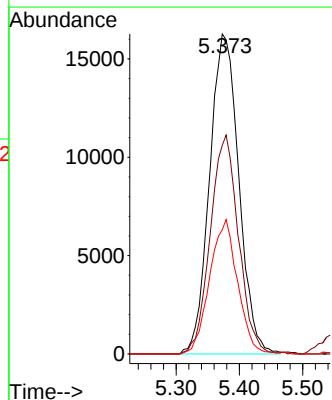
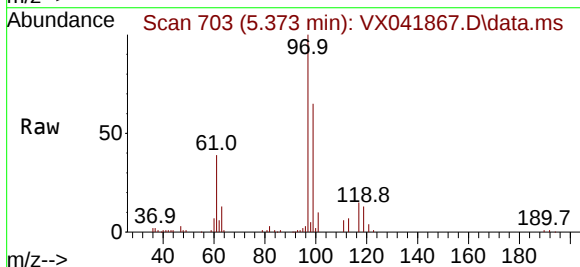
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

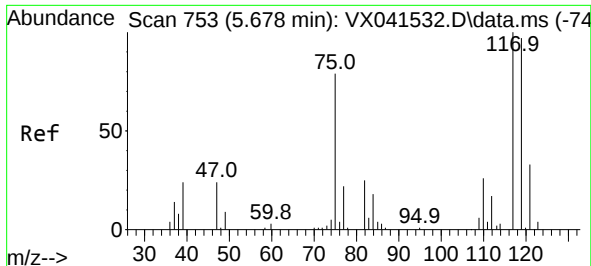
Tgt Ion: 77 Resp: 47906
Ion Ratio Lower Upper
77 100
97 24.4 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 18.189 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 97 Resp: 52171
Ion Ratio Lower Upper
97 100
99 66.0 50.7 76.1
61 40.1 34.6 51.8

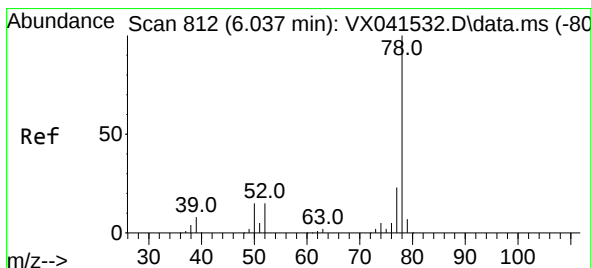
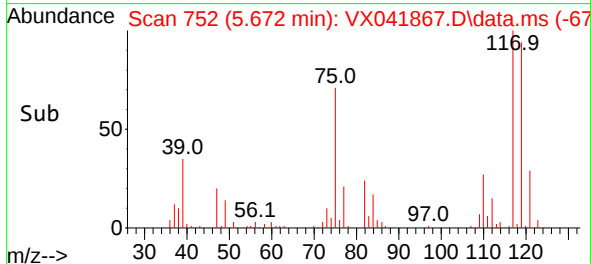
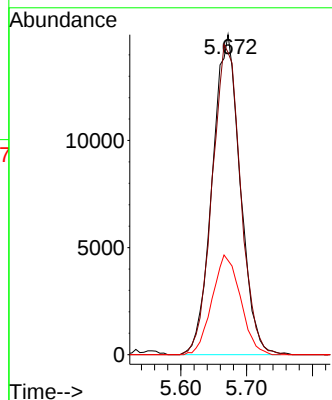
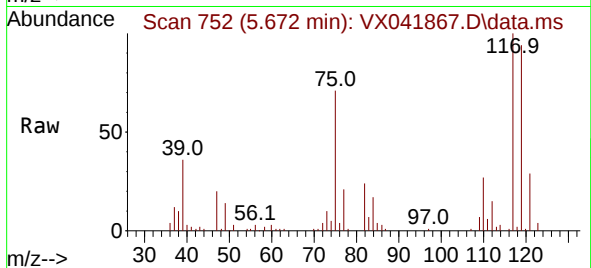




#33
Carbon Tetrachloride
Concen: 17.989 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

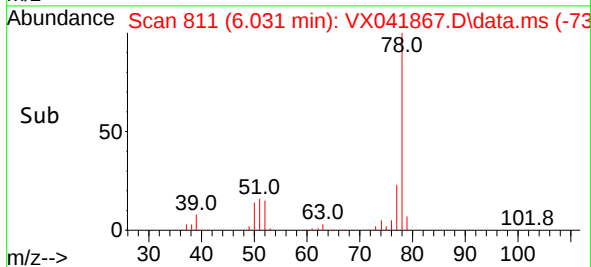
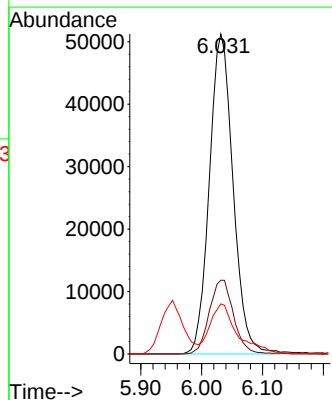
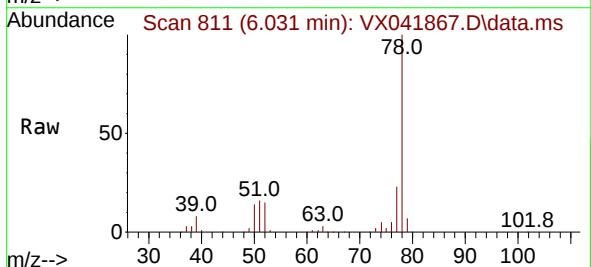
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

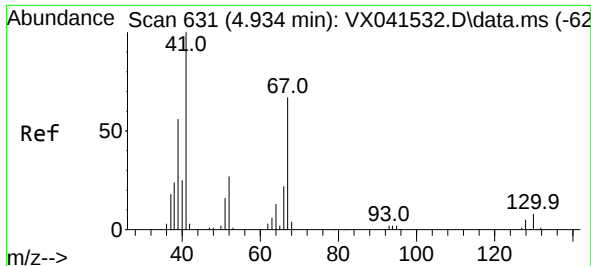
Tgt Ion:117 Resp: 44146
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.2
121 29.4 26.4 39.6



#34
Benzene
Concen: 20.493 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 78 Resp: 138346
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0
51 15.2 12.4 18.6



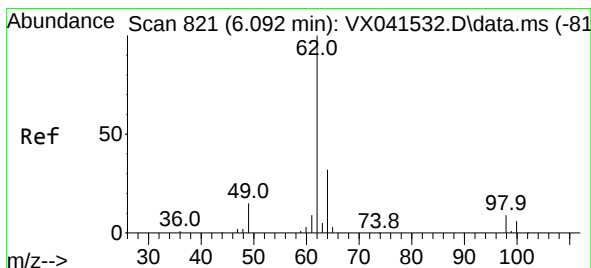
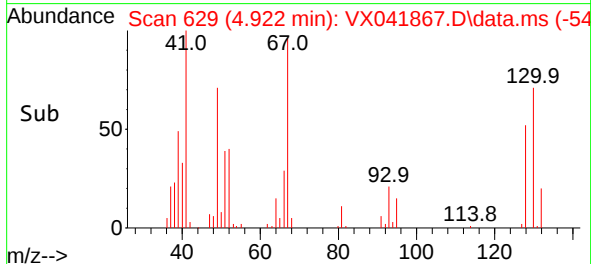
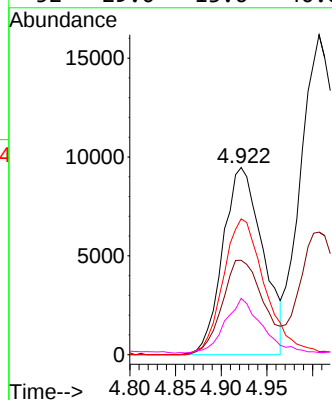
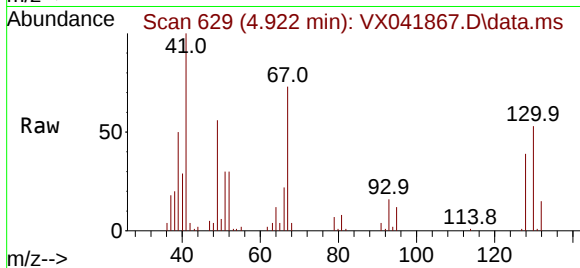


#35
Methacrylonitrile
Concen: 20.159 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 28853

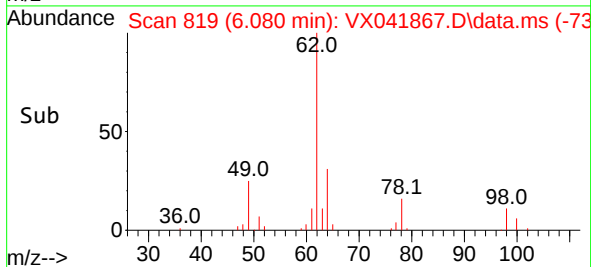
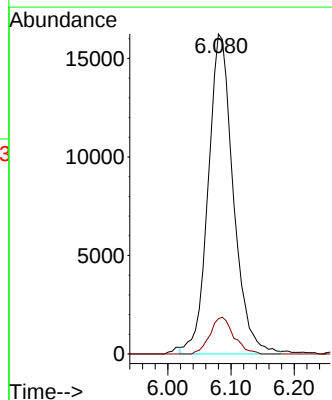
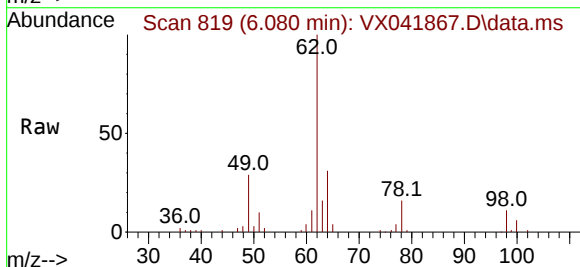
Ion	Ratio	Lower	Upper
41	100		
39	50.4	28.1	84.4
67	72.5	33.7	101.1
52	29.0	13.6	40.8

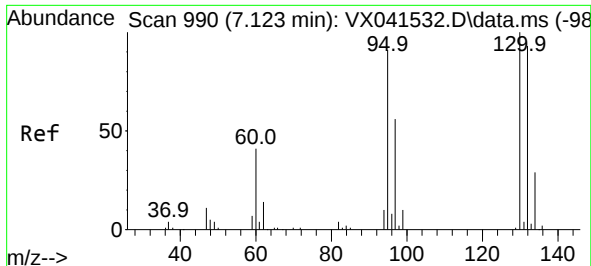


#36
1,2-Dichloroethane
Concen: 17.795 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 62 Resp: 44829

Ion	Ratio	Lower	Upper
62	100		
98	10.8	7.4	11.0





#37

Trichloroethene

Concen: 19.742 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

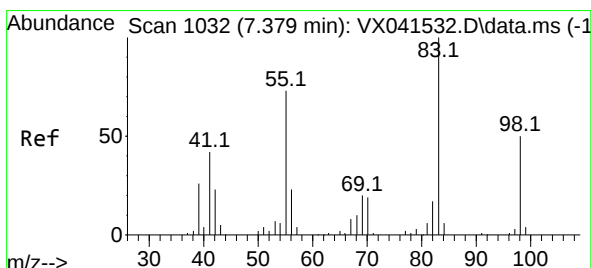
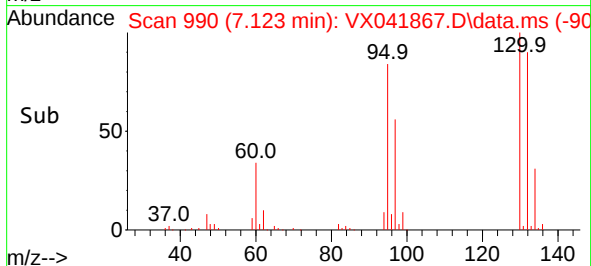
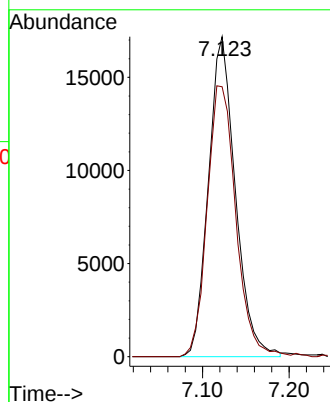
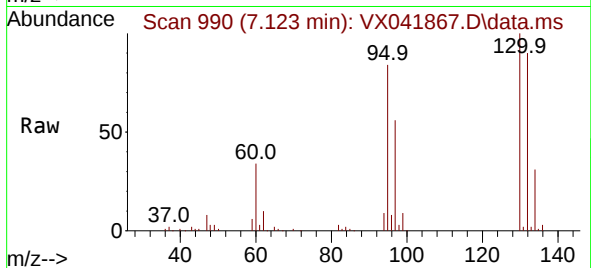
VSTDCCC020

Tgt Ion:130 Resp: 37133

Ion Ratio Lower Upper

130 100

95 84.3 72.6 108.8



#38

Methylcyclohexane

Concen: 19.326 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

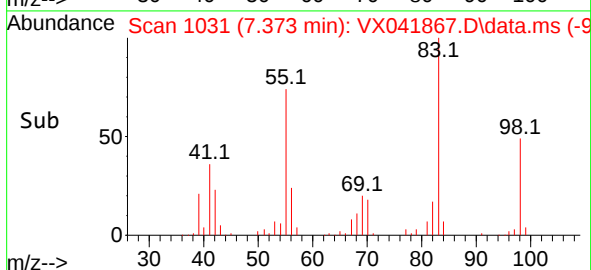
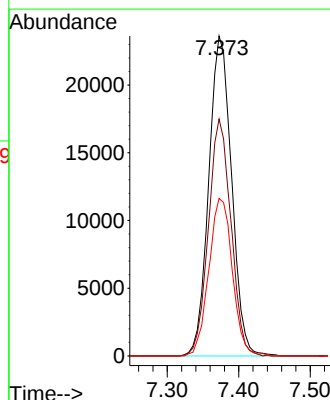
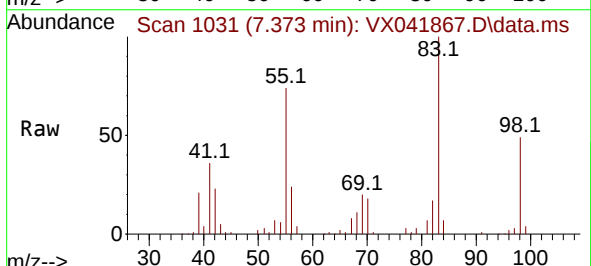
Tgt Ion: 83 Resp: 52454

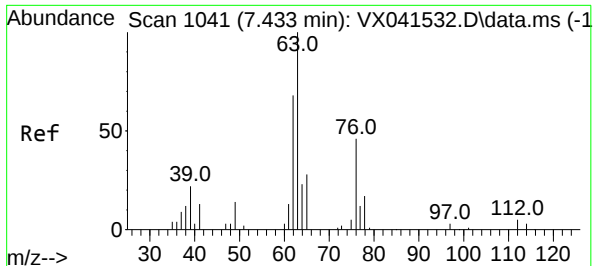
Ion Ratio Lower Upper

83 100

55 72.9 37.7 113.1

98 50.6 25.1 75.3





#39

1,2-Dichloropropane

Concen: 21.322 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

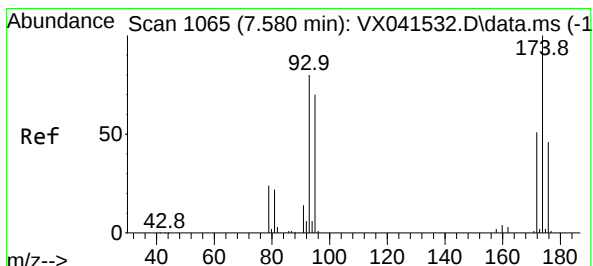
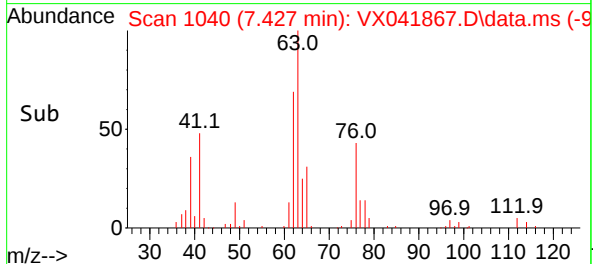
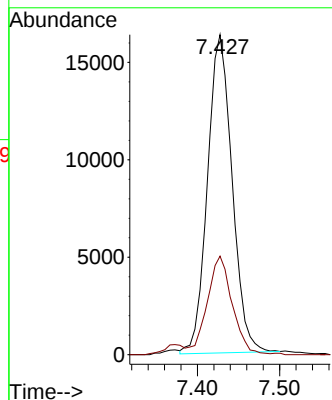
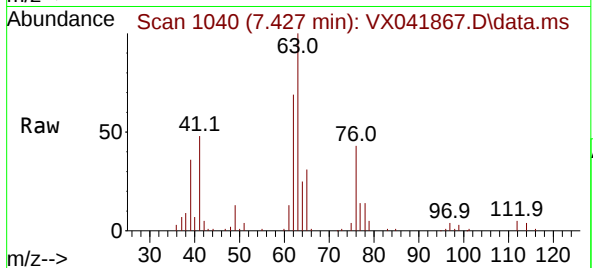
VSTDCCC020

Tgt Ion: 63 Resp: 34026

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#40

Dibromomethane

Concen: 19.459 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

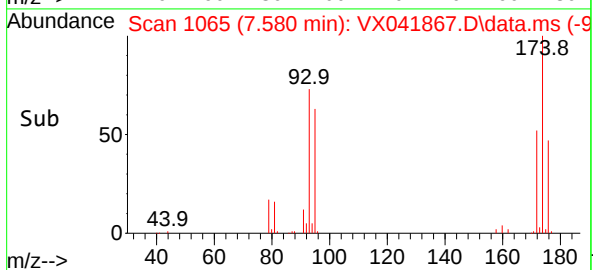
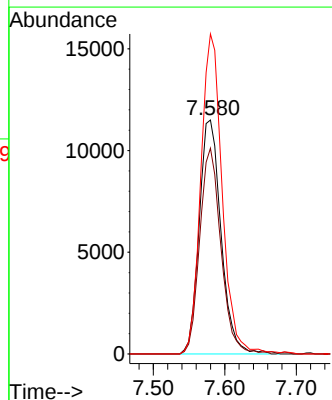
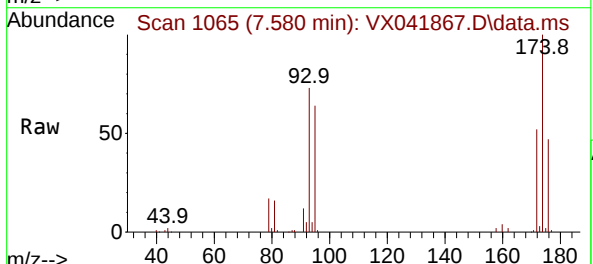
Tgt Ion: 93 Resp: 24440

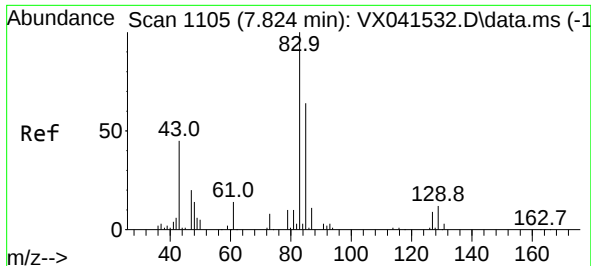
Ion Ratio Lower Upper

93 100

95 84.9 0.0 168.6

174 131.8 0.0 249.8

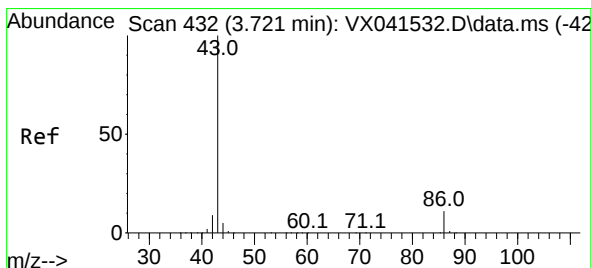
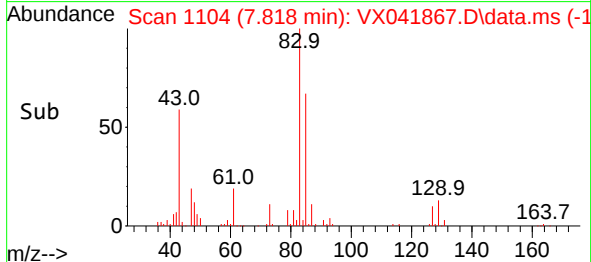
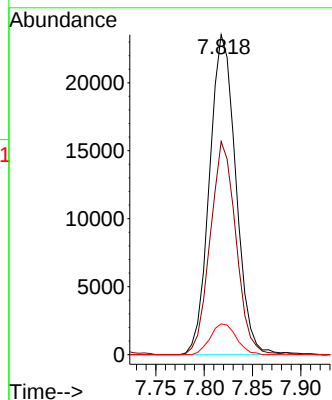
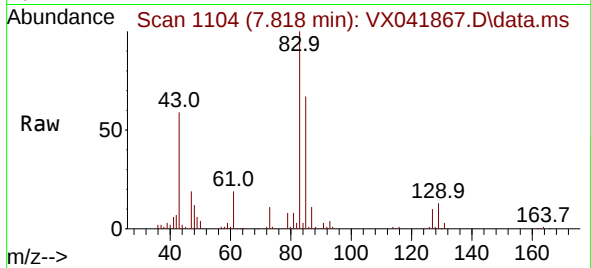




#41
Bromodichloromethane
Concen: 18.873 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

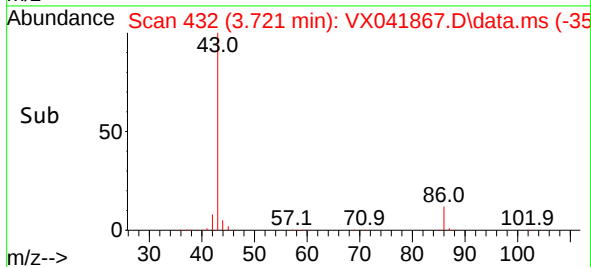
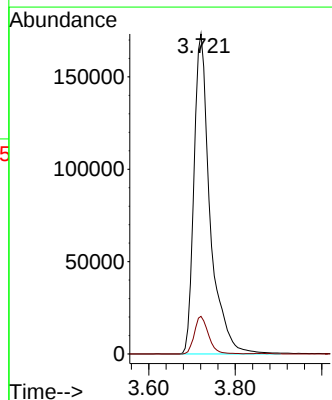
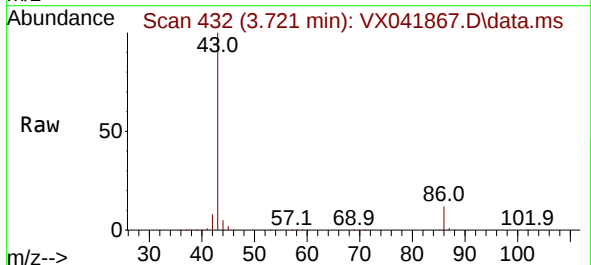
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

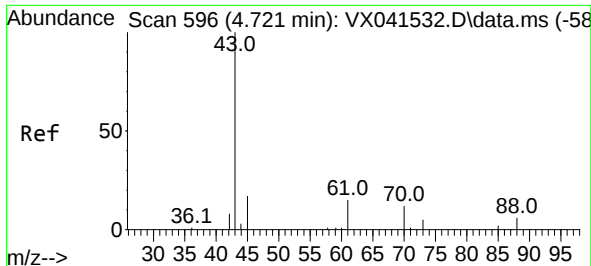
Tgt Ion: 83 Resp: 44502
Ion Ratio Lower Upper
83 100
85 66.6 51.0 76.4
127 9.7 7.1 10.7



#42
Vinyl Acetate
Concen: 91.025 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 43 Resp: 448090
Ion Ratio Lower Upper
43 100
86 10.3 7.8 11.6

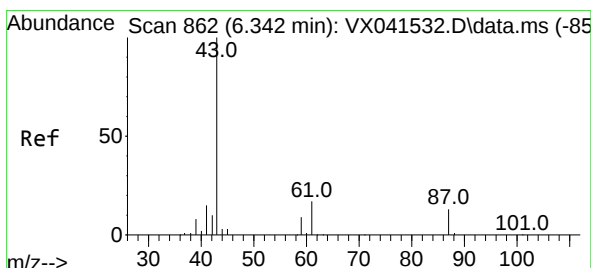
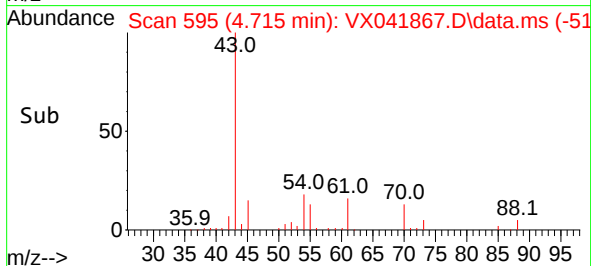
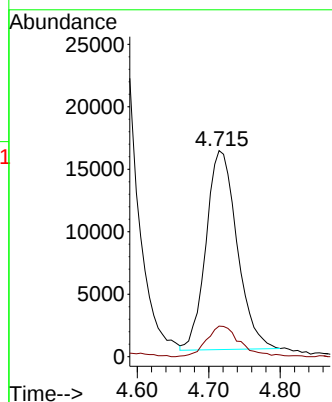
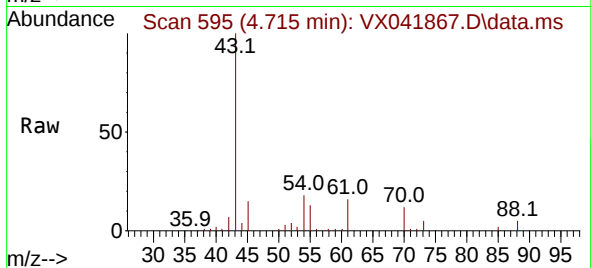




#43
Ethyl Acetate
Concen: 17.535 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

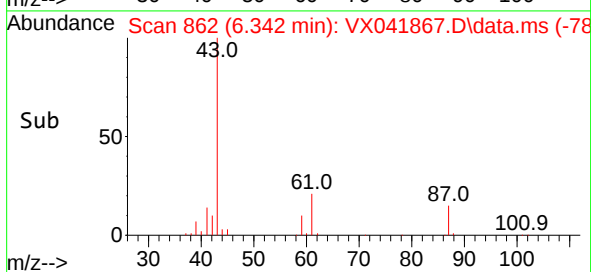
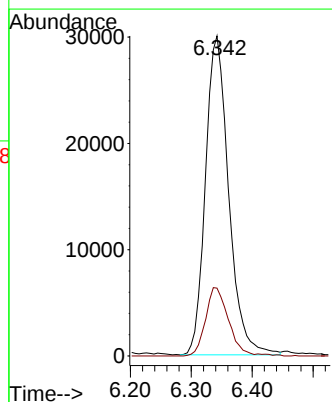
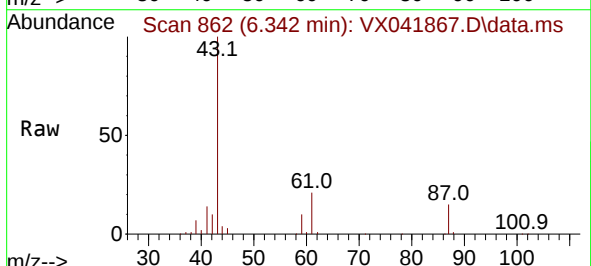
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

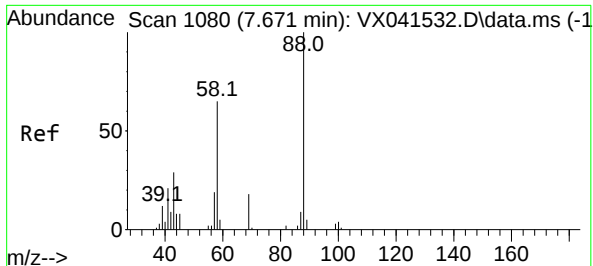
Tgt Ion: 43 Resp: 48004
Ion Ratio Lower Upper
43 100
45 16.3 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.216 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 43 Resp: 79522
Ion Ratio Lower Upper
43 100
61 20.9 15.3 22.9

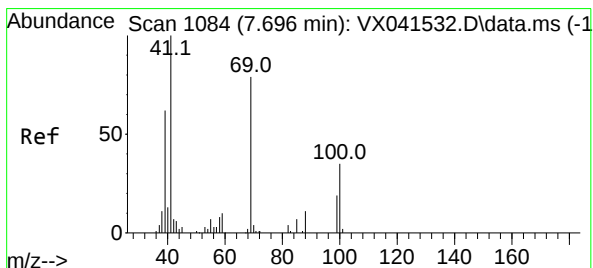
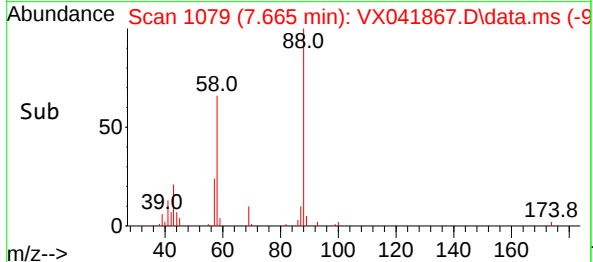
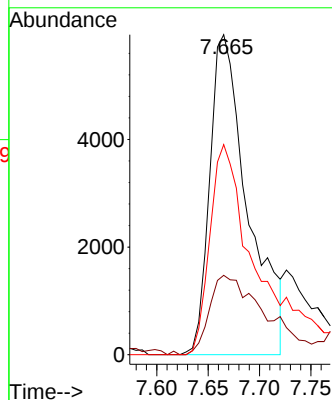
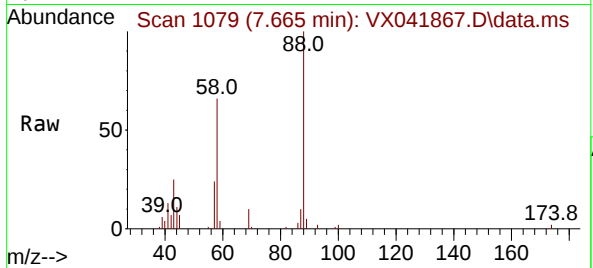




#45
1,4-Dioxane
Concen: 329.932 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

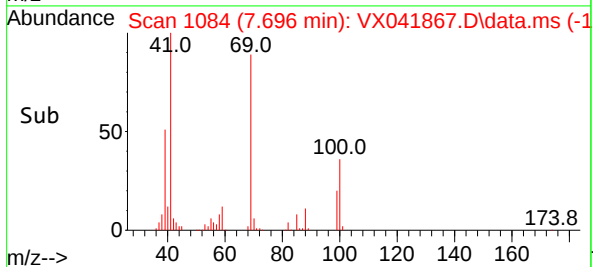
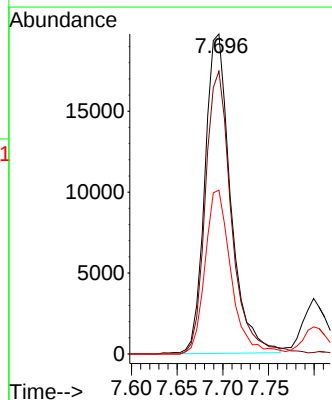
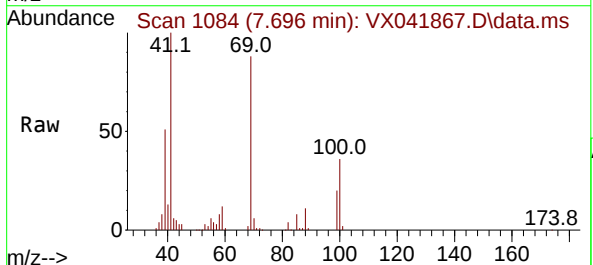
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

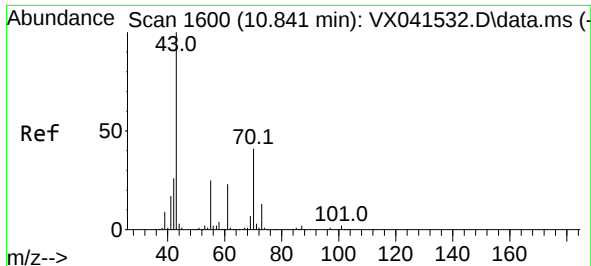
Tgt Ion: 88 Resp: 15398
Ion Ratio Lower Upper
88 100
43 20.1 24.9 37.3#
58 83.5 47.0 70.4#



#46
Methyl methacrylate
Concen: 18.764 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 41 Resp: 38636
Ion Ratio Lower Upper
41 100
69 88.7 39.6 119.0
39 51.4 30.9 92.8





#47

n-amy1 Acetate

Concen: 18.922 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

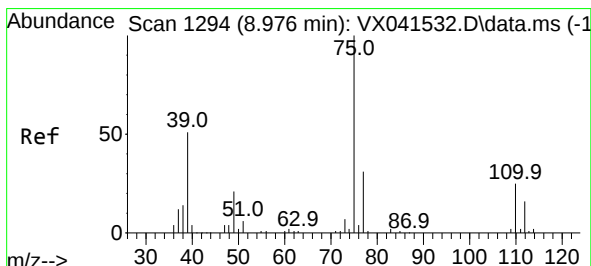
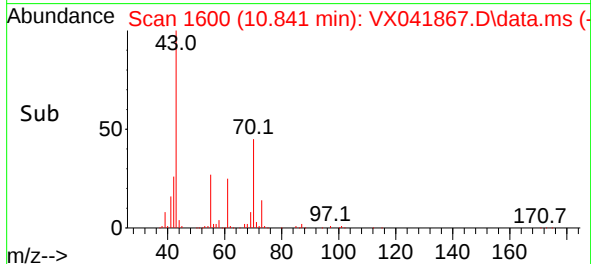
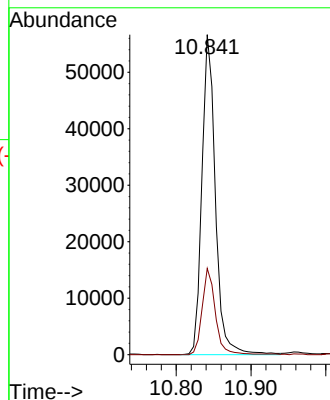
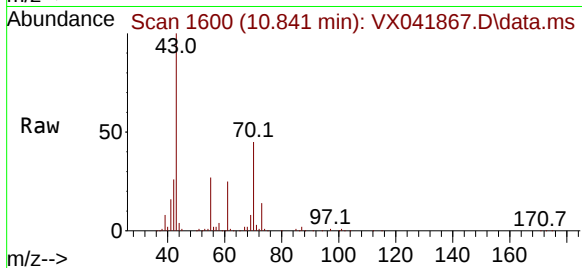
VSTDCCC020

Tgt Ion: 43 Resp: 71008

Ion Ratio Lower Upper

43 100

55 26.3 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 18.728 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041867.D

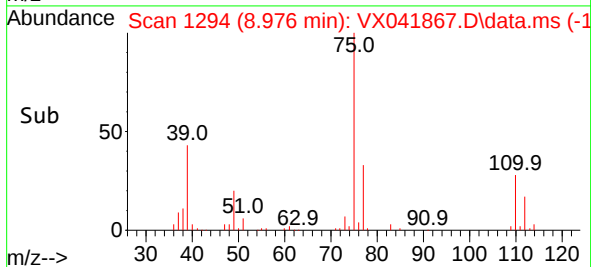
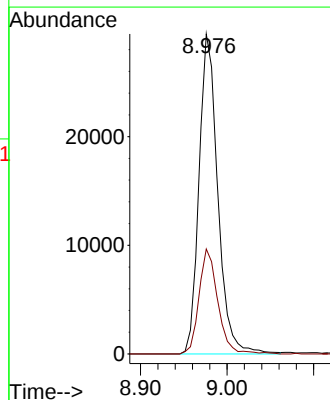
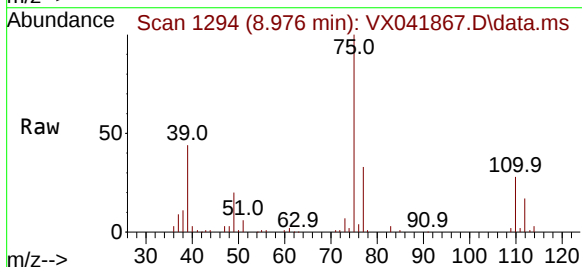
Acq: 14 Jun 2024 09:14

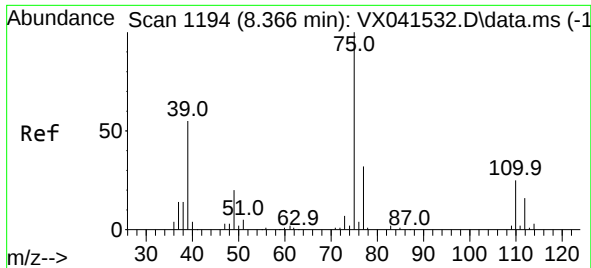
Tgt Ion: 75 Resp: 44347

Ion Ratio Lower Upper

75 100

77 32.8 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 19.998 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

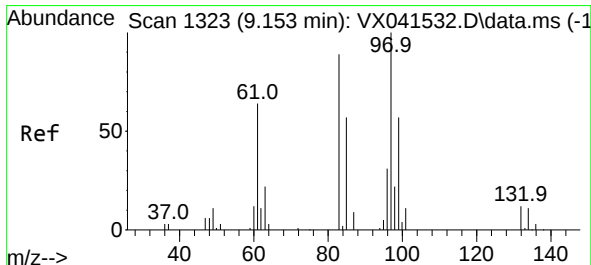
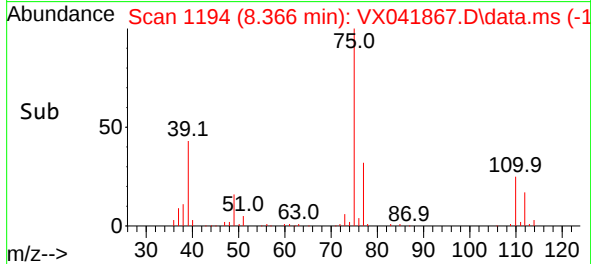
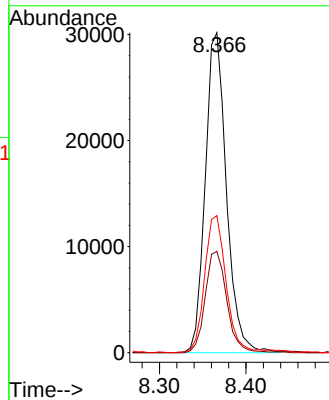
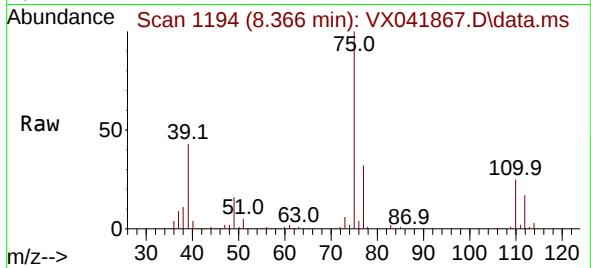
Tgt Ion: 75 Resp: 51292

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 42.6 43.6 65.4#



#50

1,1,2-Trichloroethane

Concen: 21.838 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Tgt Ion: 97 Resp: 38154

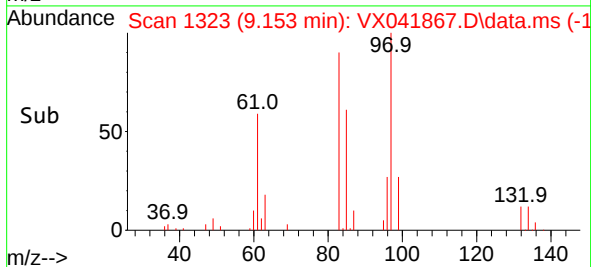
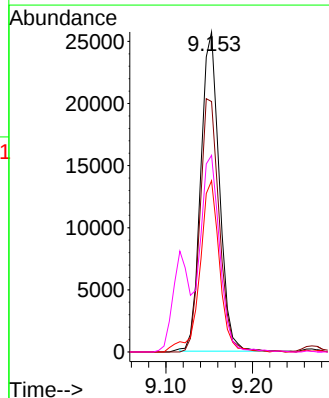
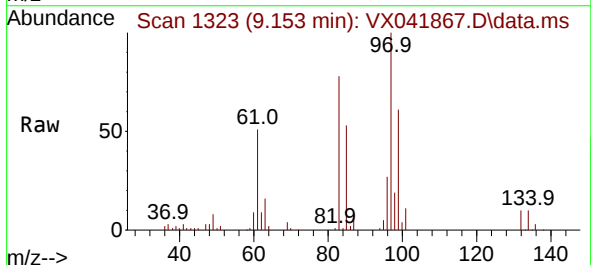
Ion Ratio Lower Upper

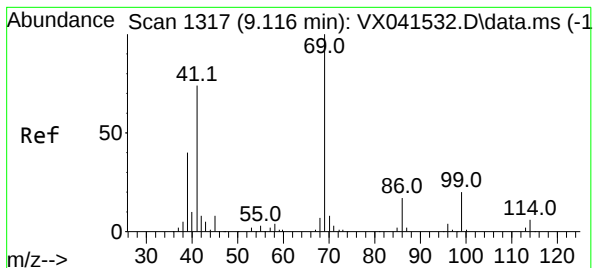
97 100

83 78.4 71.3 106.9

85 53.3 45.7 68.5

99 61.3 50.9 76.3





#51

Ethyl methacrylate

Concen: 20.406 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

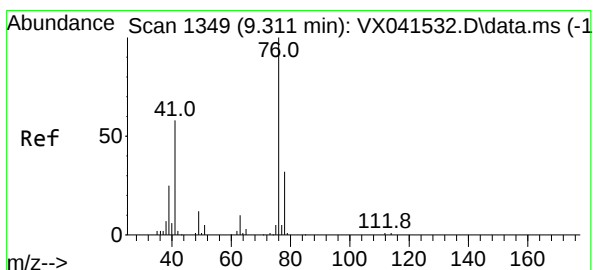
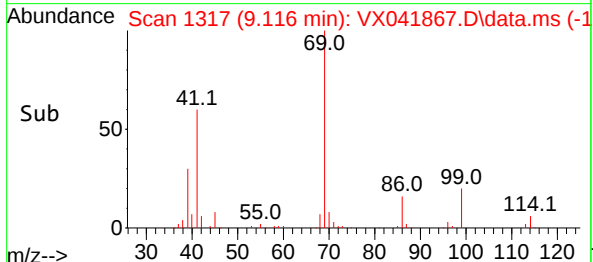
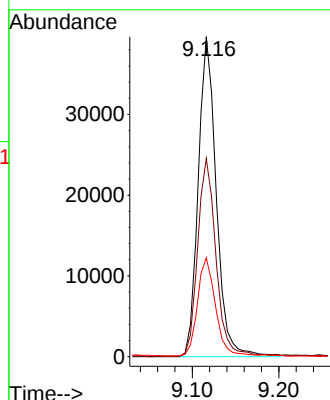
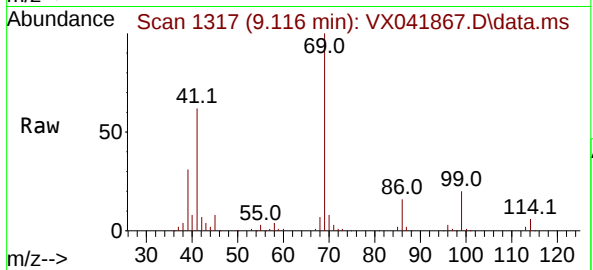
Tgt Ion: 69 Resp: 57387

Ion Ratio Lower Upper

69 100

41 61.8 37.1 111.3

39 30.6 20.2 60.6



#52

1,3-Dichloropropane

Concen: 21.121 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX041867.D

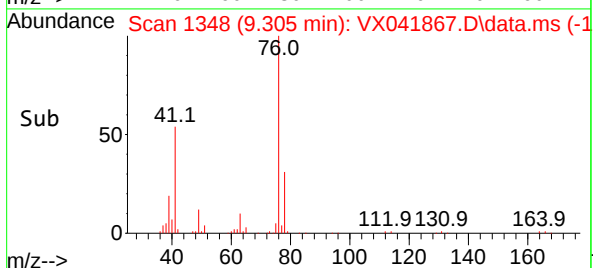
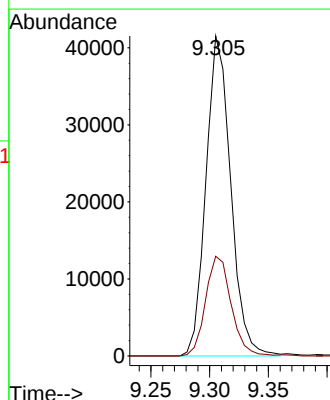
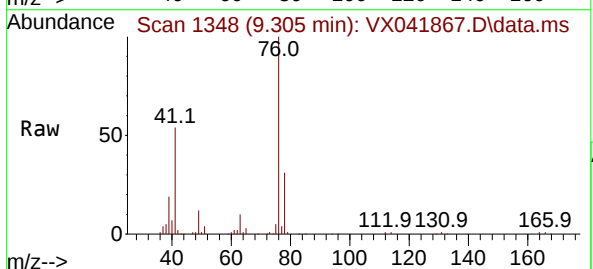
Acq: 14 Jun 2024 09:14

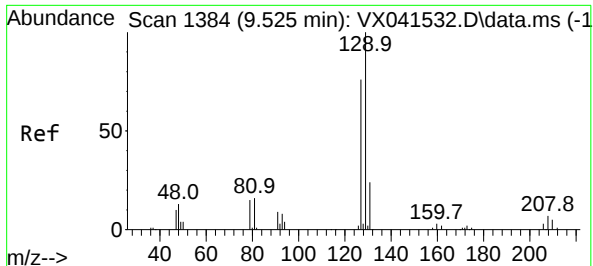
Tgt Ion: 76 Resp: 60978

Ion Ratio Lower Upper

76 100

78 32.0 0.0 64.4





#53

Dibromochloromethane

Concen: 20.077 ug/l

RT: 9.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

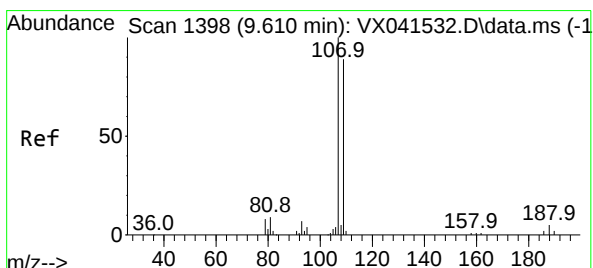
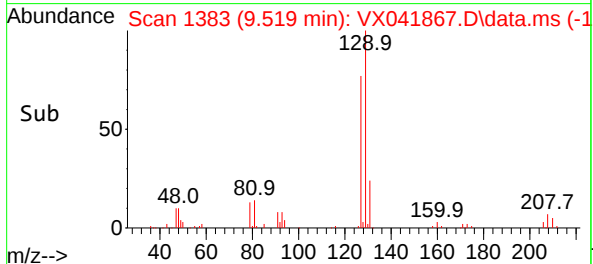
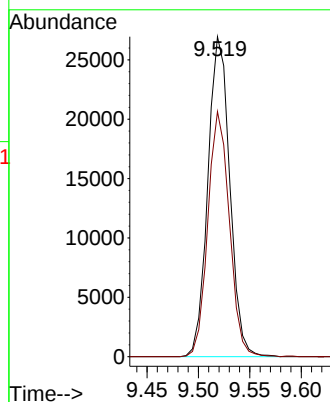
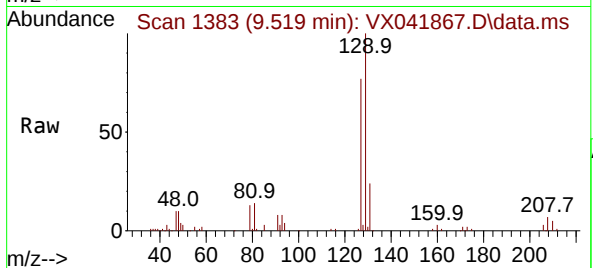
VSTDCCC020

Tgt Ion:129 Resp: 39913

Ion Ratio Lower Upper

129 100

127 75.2 38.9 116.7



#54

1,2-Dibromoethane

Concen: 21.061 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041867.D

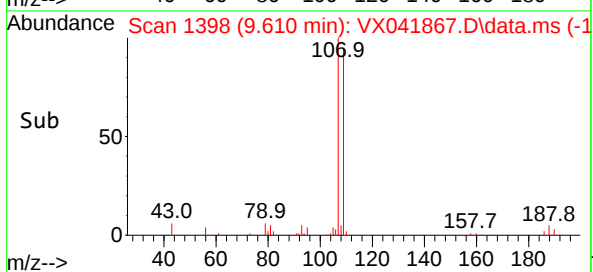
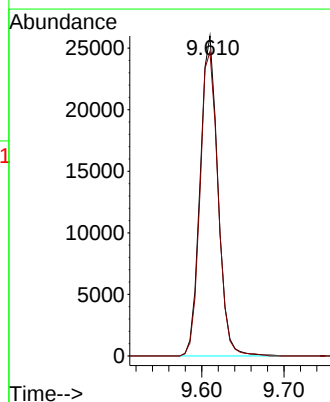
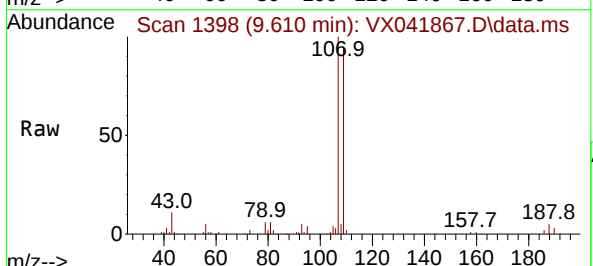
Acq: 14 Jun 2024 09:14

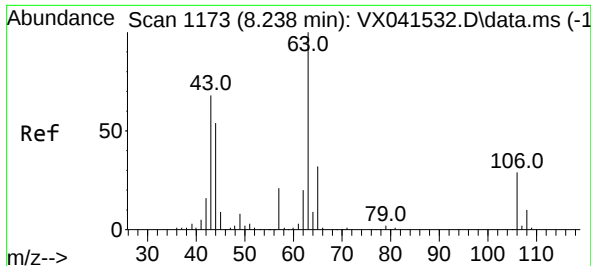
Tgt Ion:107 Resp: 39021

Ion Ratio Lower Upper

107 100

109 96.5 75.3 112.9

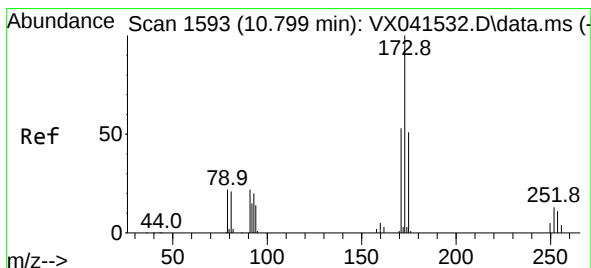
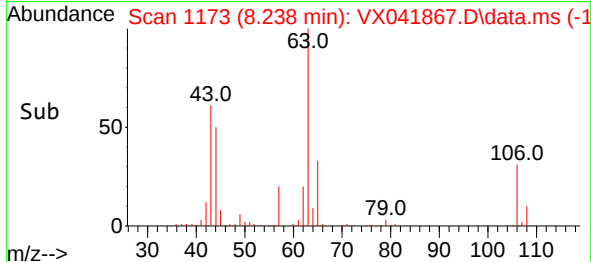
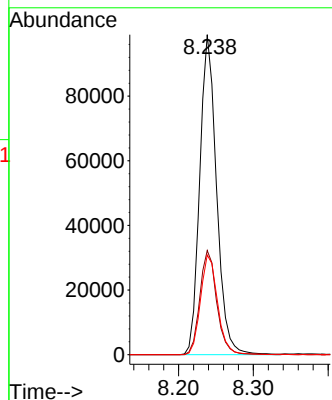
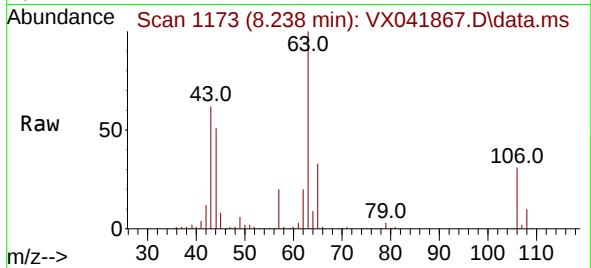




#55
2-Chloroethyl vinyl ether
Concen: 112.737 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

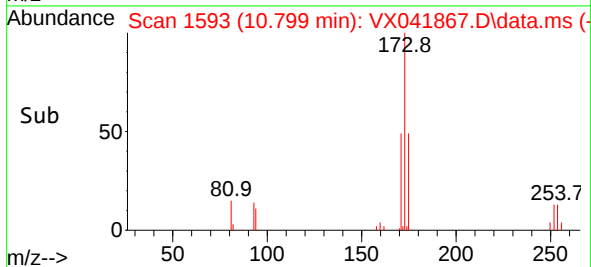
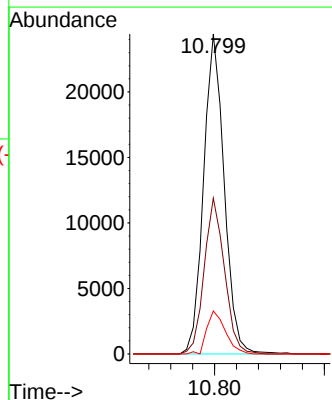
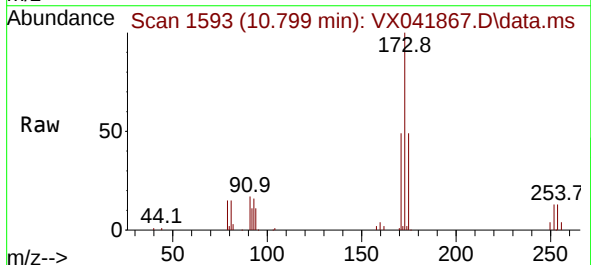
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

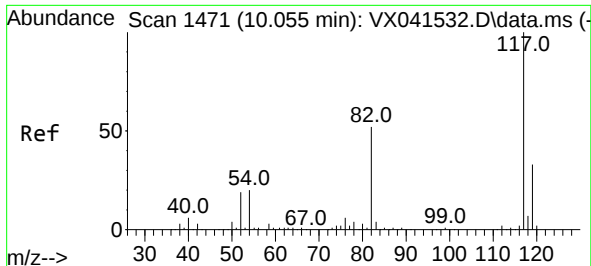
Tgt Ion: 63 Resp: 154752
Ion Ratio Lower Upper
63 100
65 32.7 25.5 38.3
106 31.6 24.7 37.1



#56
Bromoform
Concen: 20.001 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 173 Resp: 31856
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 11.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

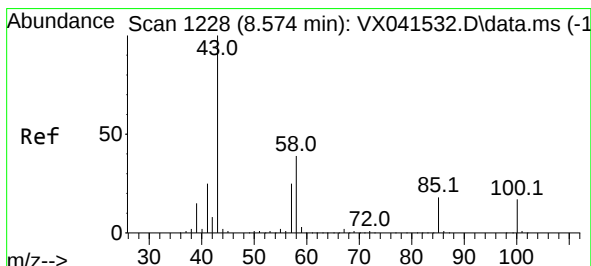
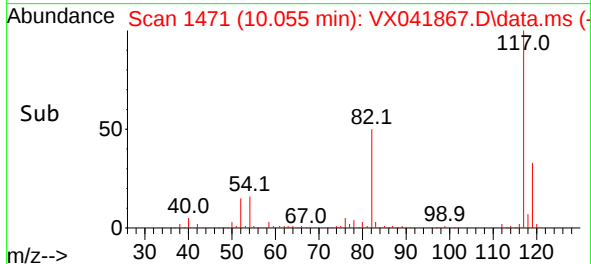
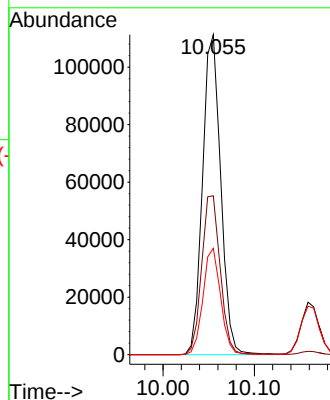
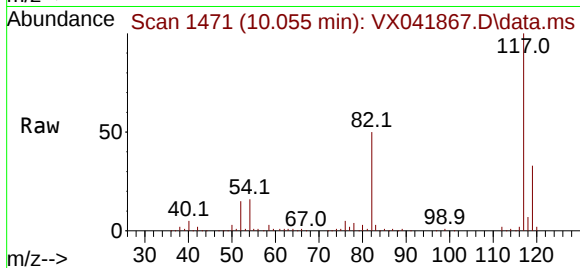
Tgt Ion:117 Resp: 153969

Ion Ratio Lower Upper

117 100

82 50.7 41.7 62.5

119 32.3 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 99.955 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

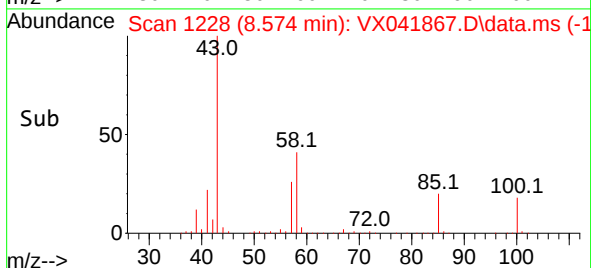
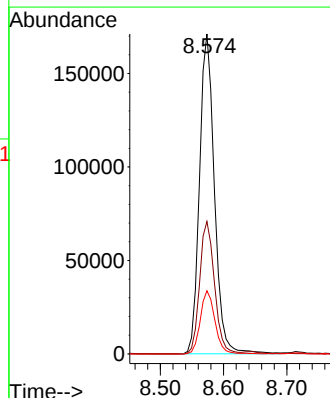
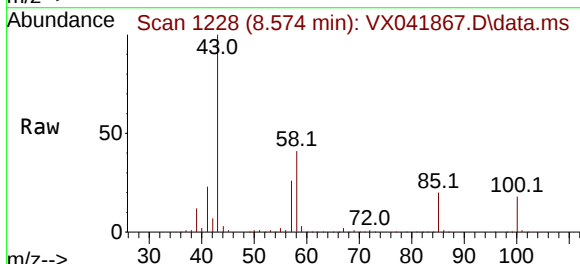
Tgt Ion: 43 Resp: 281197

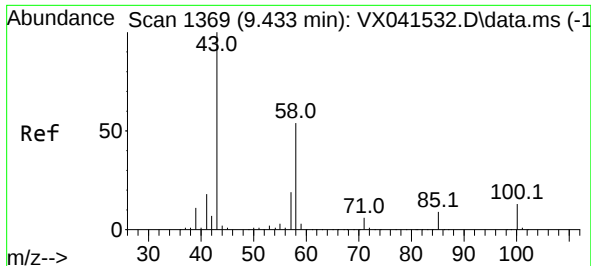
Ion Ratio Lower Upper

43 100

58 41.2 30.2 45.4

85 19.2 14.6 21.8

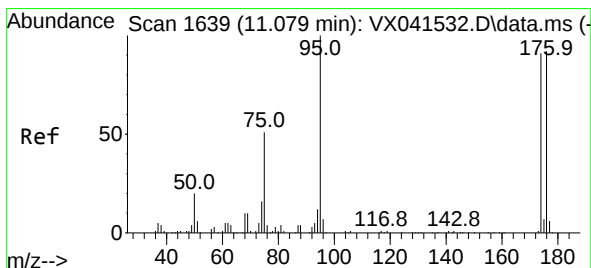
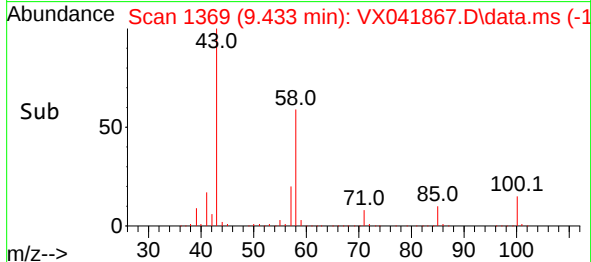
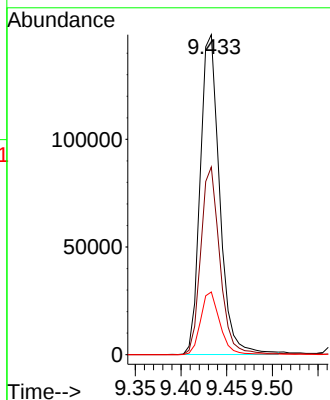
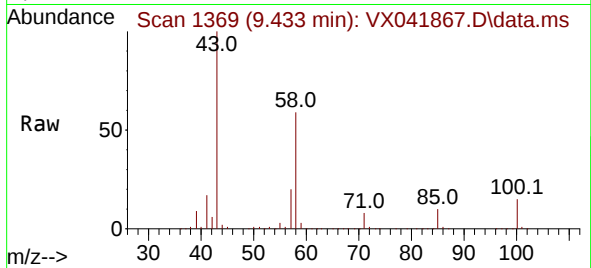




#59
2-Hexanone
Concen: 97.773 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

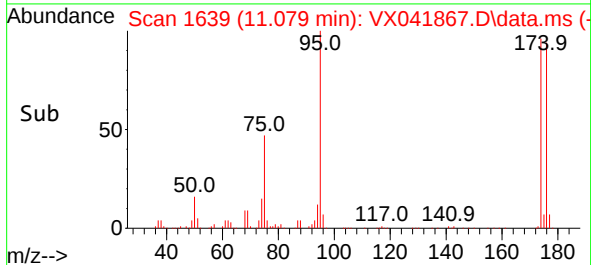
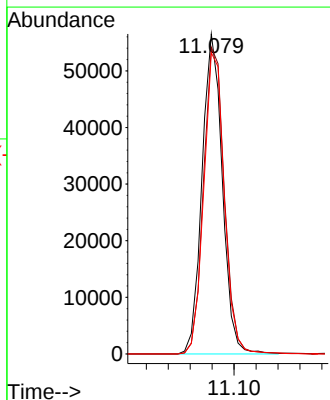
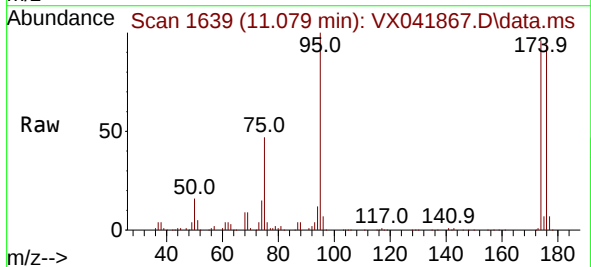
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

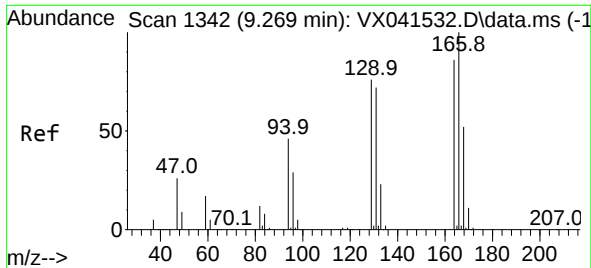
Tgt Ion: 43 Resp: 219124
Ion Ratio Lower Upper
43 100
58 58.0 42.3 63.5
57 19.4 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 95 Resp: 72514
Ion Ratio Lower Upper
95 100
174 98.7 76.6 115.0
176 95.4 75.4 113.0

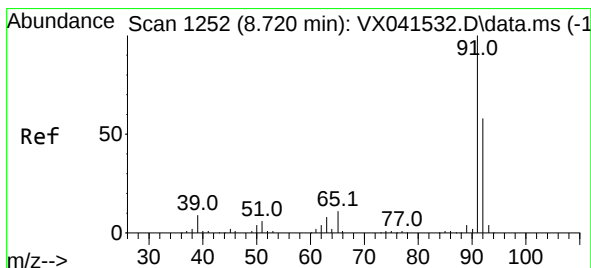
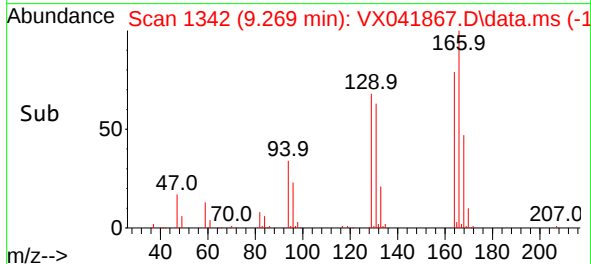
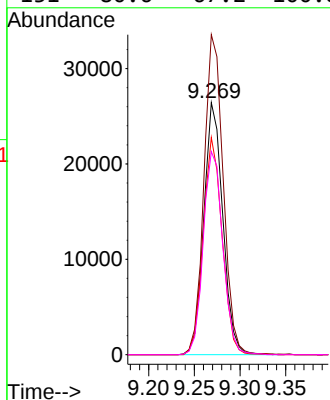
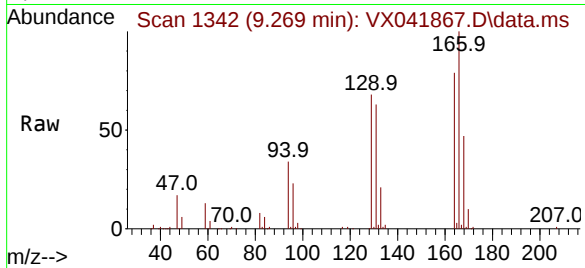




#61
Tetrachloroethene
Concen: 20.289 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

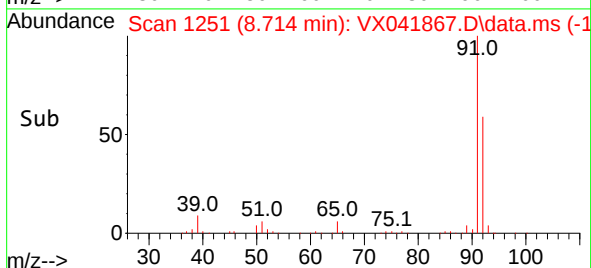
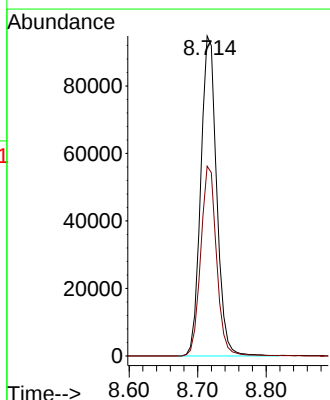
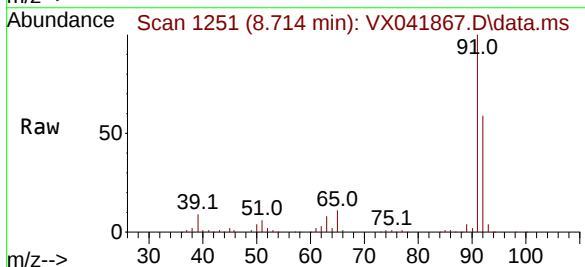
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

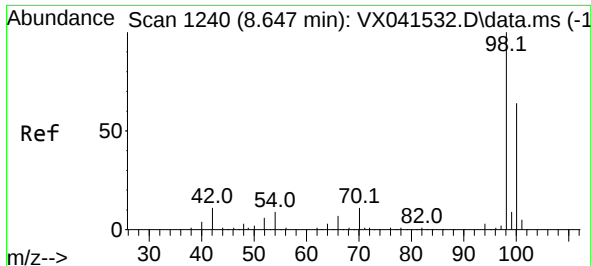
Tgt	Ion:164	Resp:	38219
Ion	Ratio	Lower	Upper
164	100		
166	127.0	92.8	139.2
129	86.2	70.1	105.1
131	80.6	67.2	100.8



#62
Toluene
Concen: 20.010 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 91	Resp: 153302
Ion Ratio	Lower Upper
91 100	
92 58.9	47.0 70.6

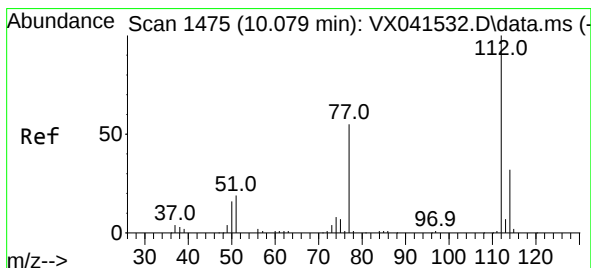
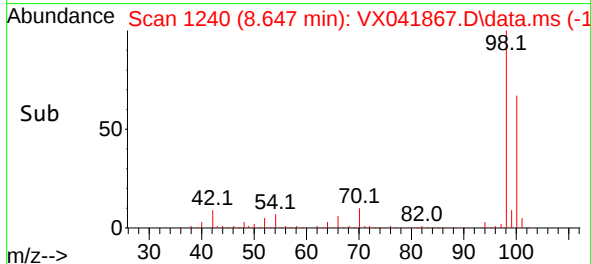
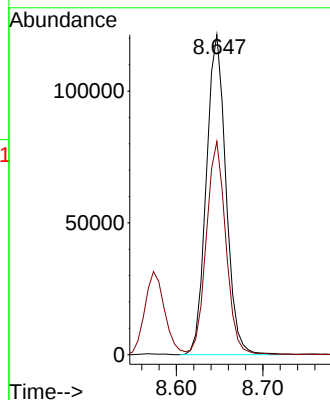
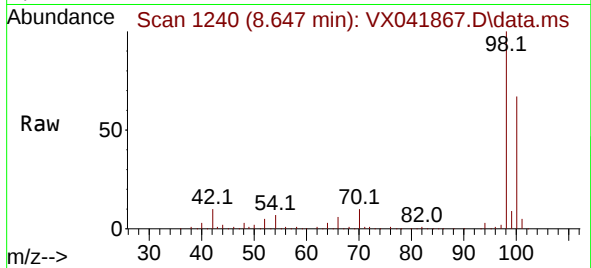




#63
Toluene-d8
Concen: 28.931 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

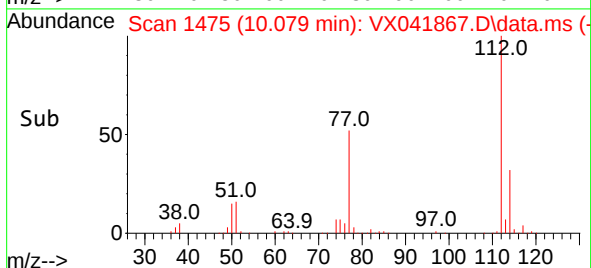
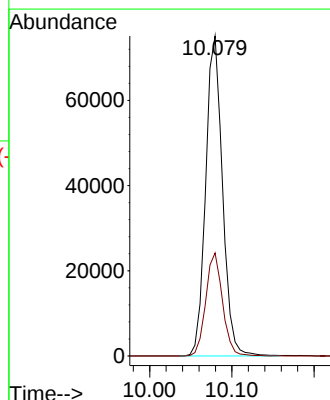
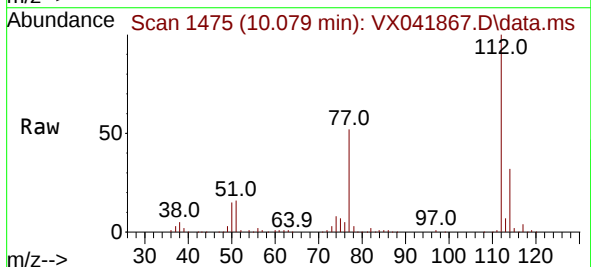
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

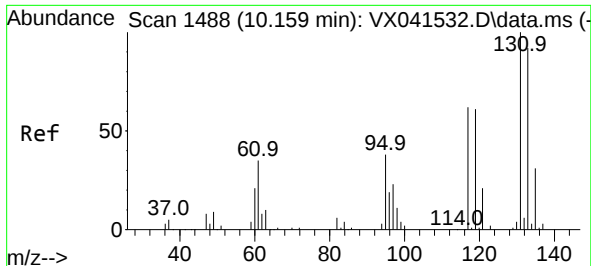
Tgt Ion: 98 Resp: 190948
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#64
Chlorobenzene
Concen: 20.492 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 112 Resp: 106636
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 20.194 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

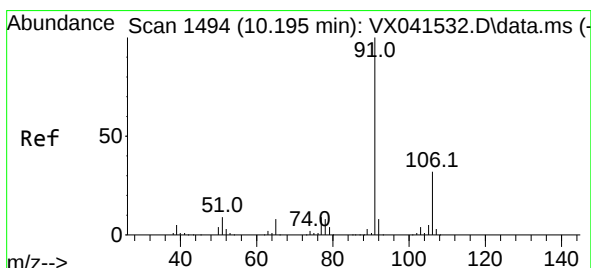
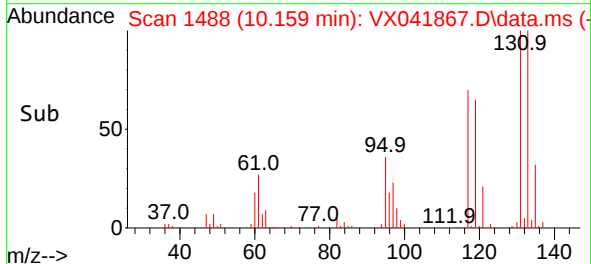
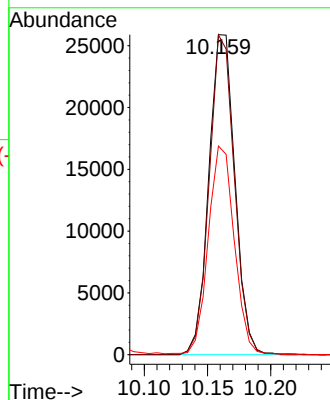
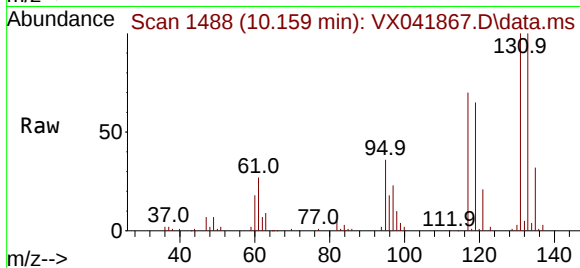
Tgt Ion:131 Resp: 37195

Ion Ratio Lower Upper

131 100

133 96.3 0.0 191.6

119 64.9 0.0 126.4



#66

Ethyl Benzene

Concen: 19.855 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041867.D

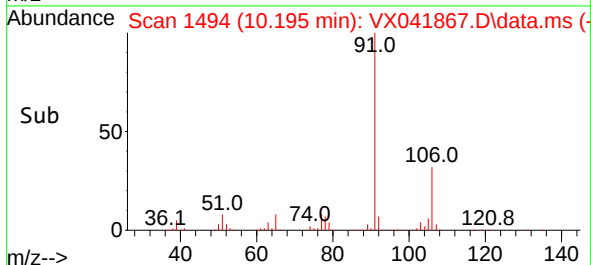
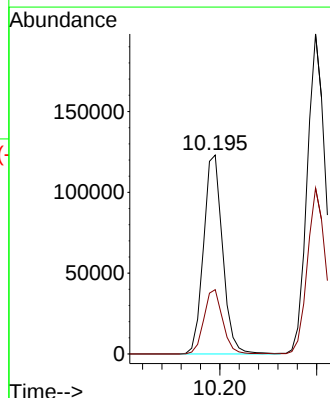
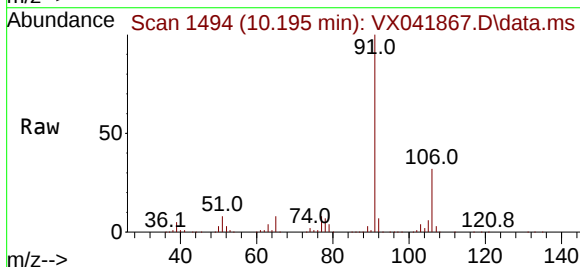
Acq: 14 Jun 2024 09:14

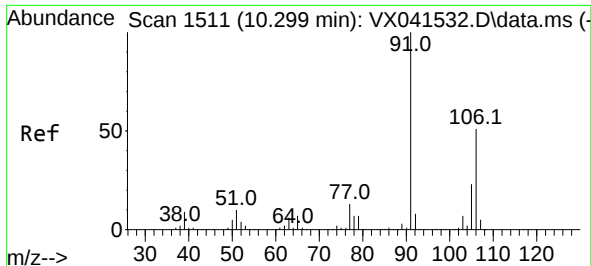
Tgt Ion: 91 Resp: 168914

Ion Ratio Lower Upper

91 100

106 32.3 25.9 38.9





#67

m/p-Xylenes

Concen: 40.782 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

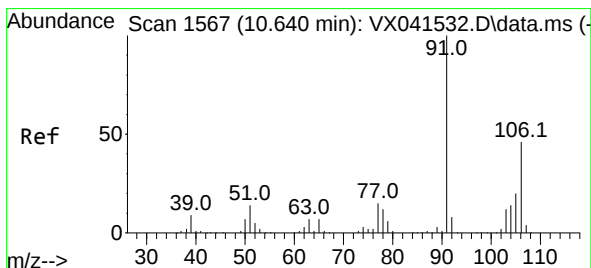
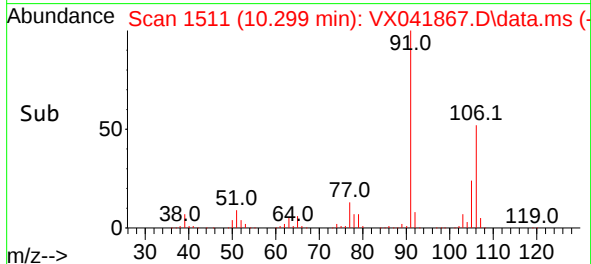
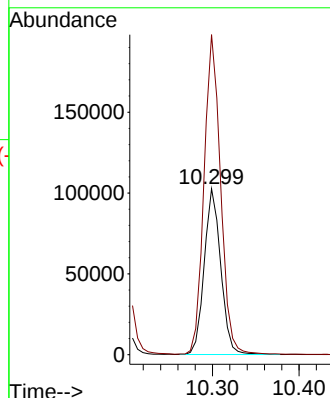
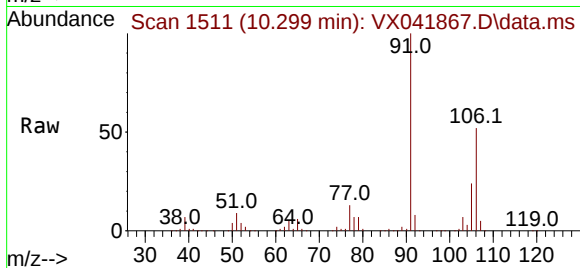
VSTDCCC020

Tgt Ion:106 Resp: 135669

Ion Ratio Lower Upper

106 100

91 193.8 156.5 234.7



#68

o-Xylene

Concen: 20.336 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041867.D

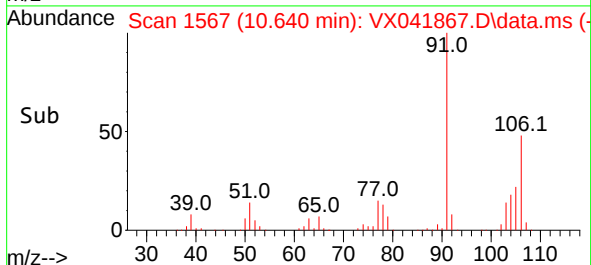
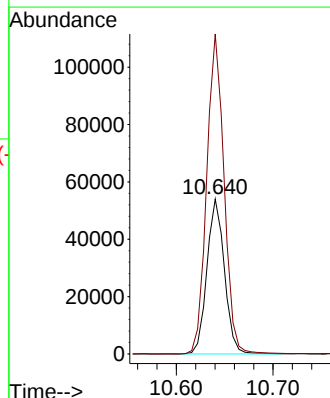
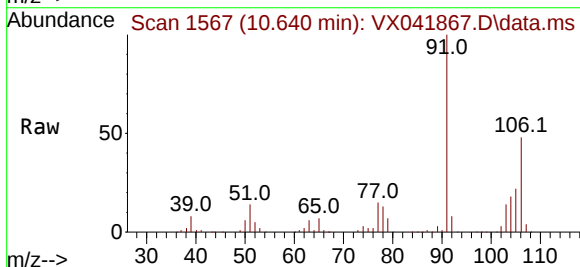
Acq: 14 Jun 2024 09:14

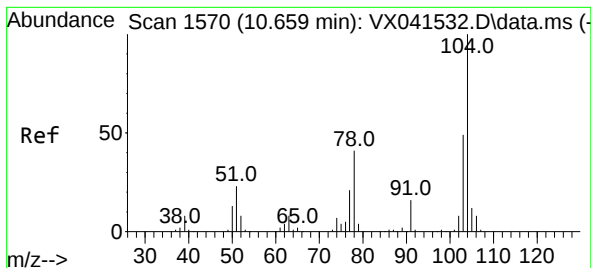
Tgt Ion:106 Resp: 68098

Ion Ratio Lower Upper

106 100

91 205.3 105.2 315.6





#69

Styrene

Concen: 20.362 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

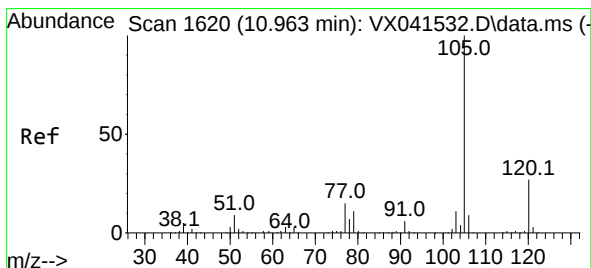
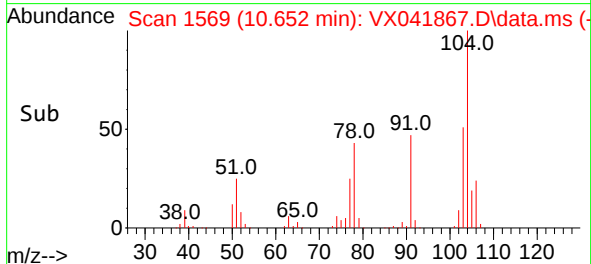
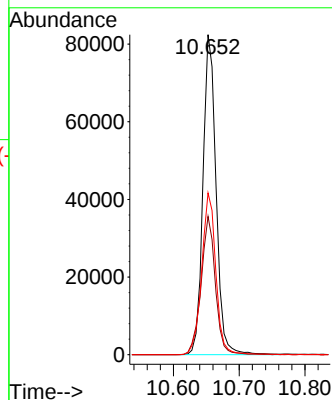
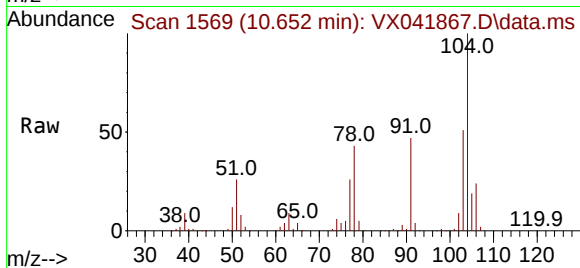
Tgt Ion:104 Resp: 114327

Ion Ratio Lower Upper

104 100

78 46.7 39.3 58.9

103 54.4 43.2 64.8



#70

Isopropylbenzene

Concen: 20.729 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041867.D

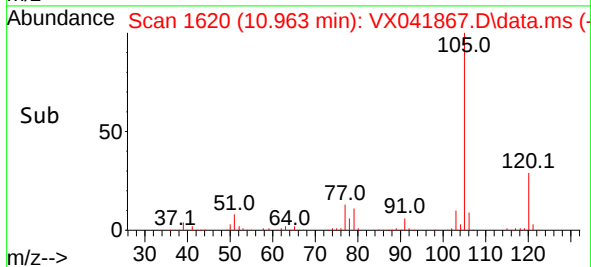
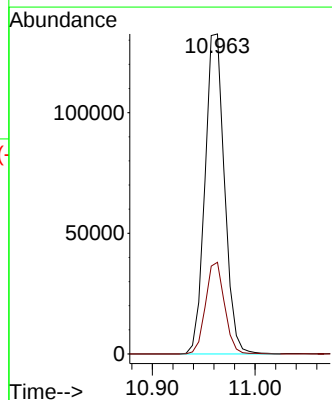
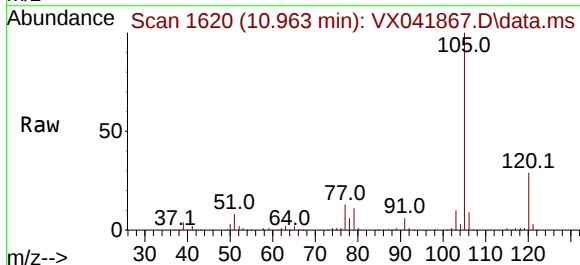
Acq: 14 Jun 2024 09:14

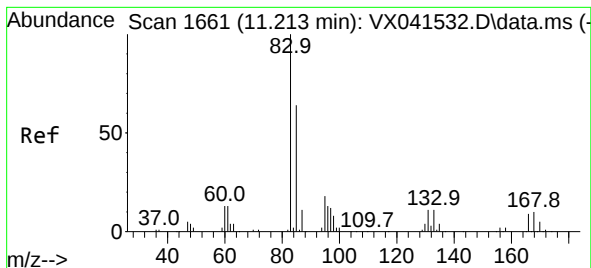
Tgt Ion:105 Resp: 175404

Ion Ratio Lower Upper

105 100

120 27.8 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 21.080 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

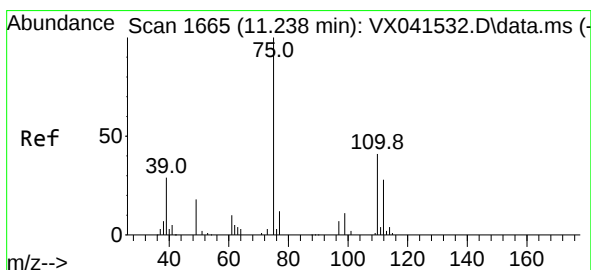
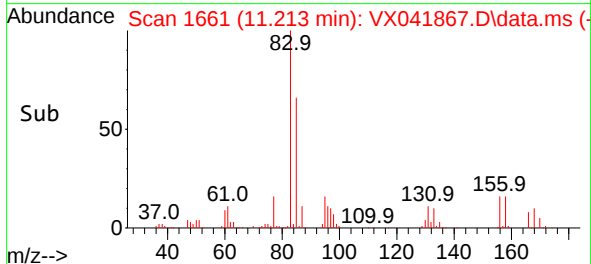
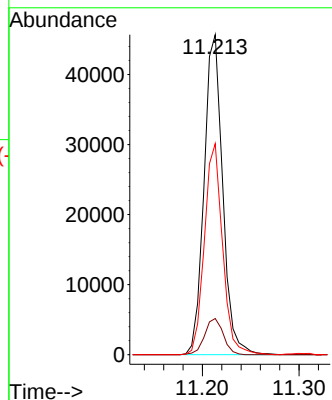
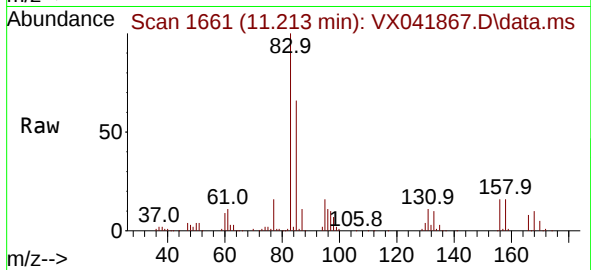
Tgt Ion: 83 Resp: 61276

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 64.4 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 24.543 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041867.D

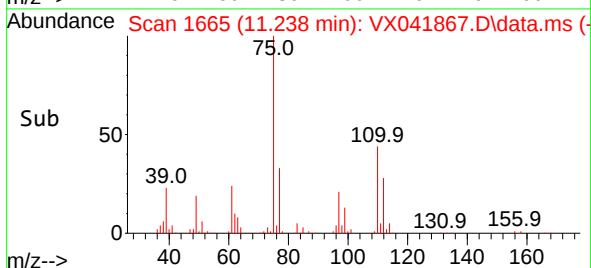
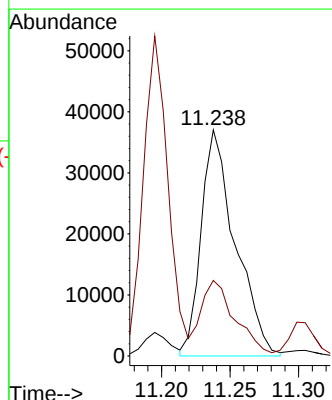
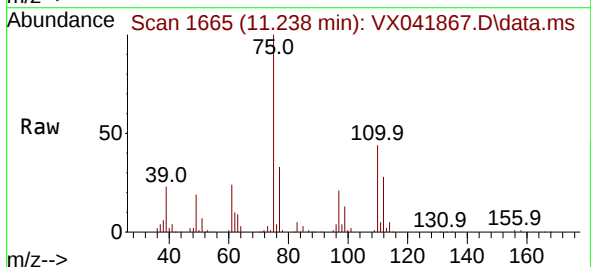
Acq: 14 Jun 2024 09:14

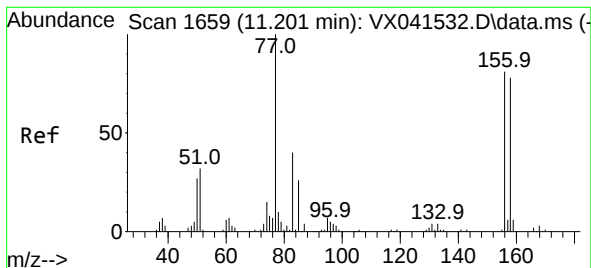
Tgt Ion: 75 Resp: 64338

Ion Ratio Lower Upper

75 100

77 33.6 0.0 78.8





#73

Bromobenzene

Concen: 20.572 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

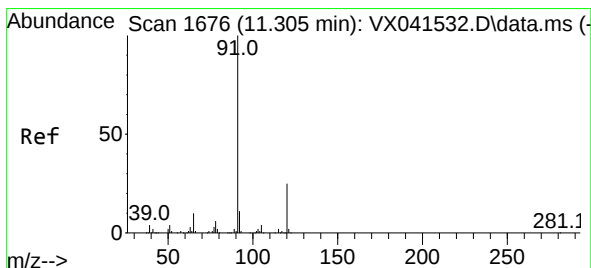
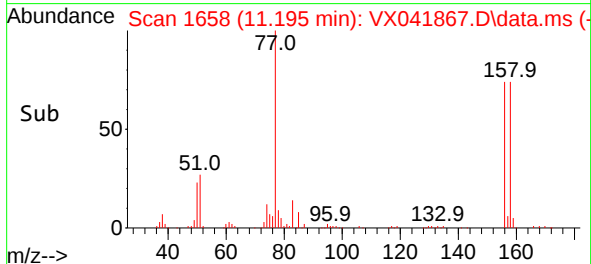
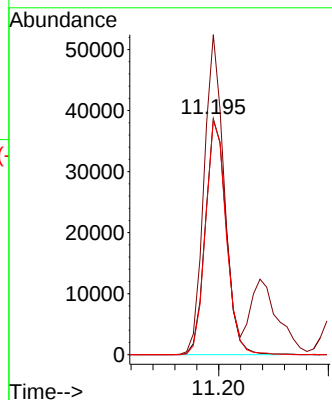
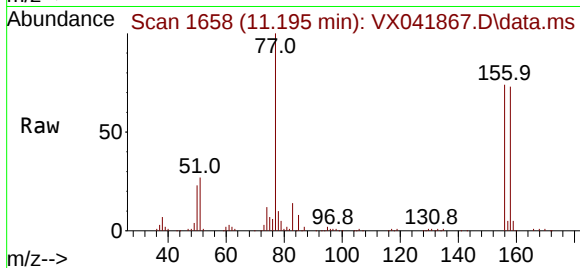
Tgt Ion:156 Resp: 51147

Ion Ratio Lower Upper

156 100

77 129.2 0.0 267.4

158 98.5 0.0 192.8



#74

n-propylbenzene

Concen: 20.229 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041867.D

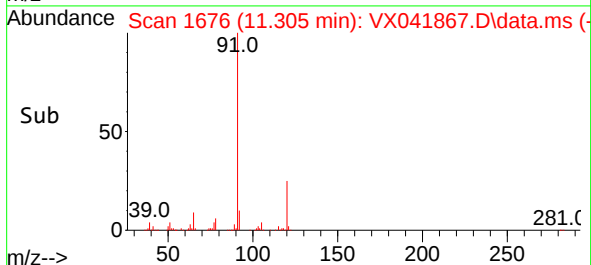
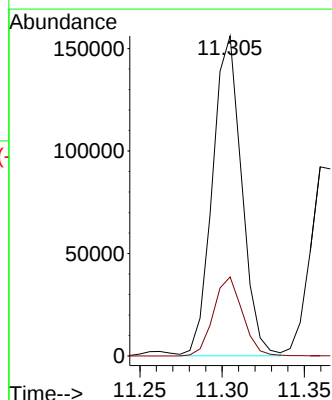
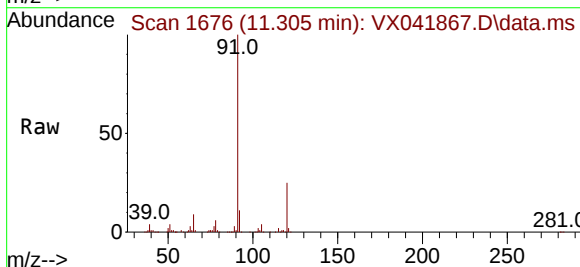
Acq: 14 Jun 2024 09:14

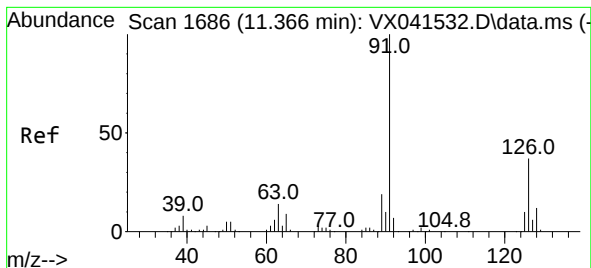
Tgt Ion: 91 Resp: 193008

Ion Ratio Lower Upper

91 100

120 24.5 0.0 48.4





#75

2-Chlorotoluene

Concen: 20.369 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

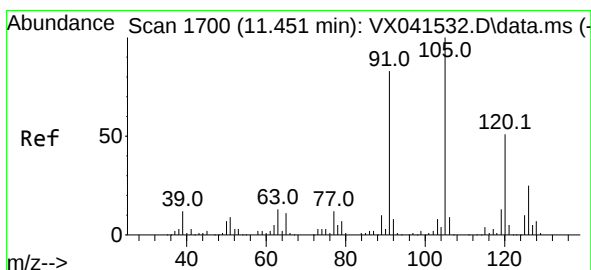
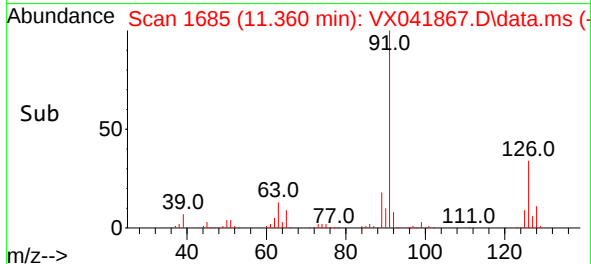
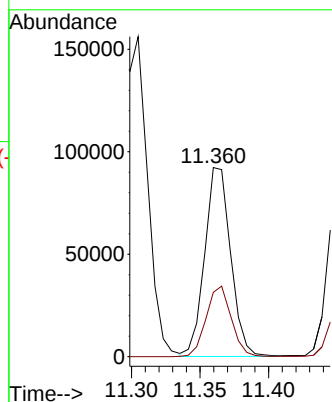
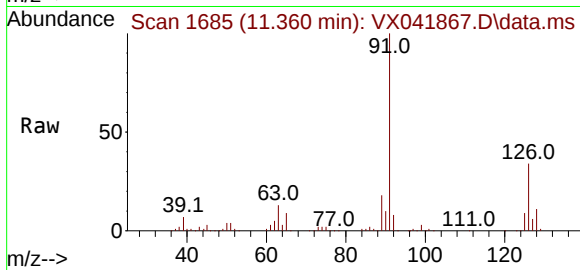
VSTDCCC020

Tgt Ion: 91 Resp: 122047

Ion Ratio Lower Upper

91 100

126 36.0 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 20.331 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041867.D

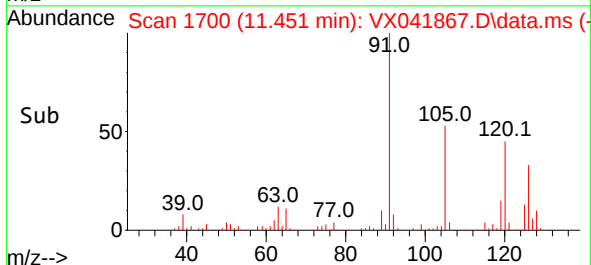
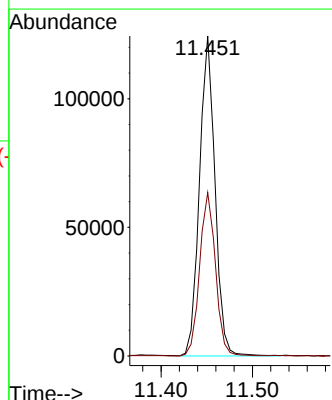
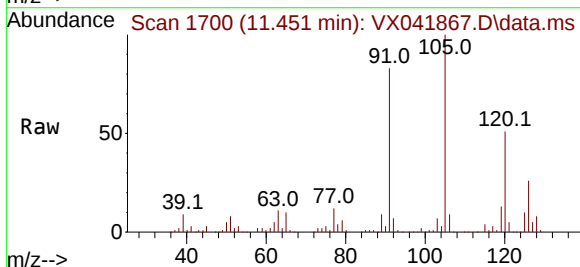
Acq: 14 Jun 2024 09:14

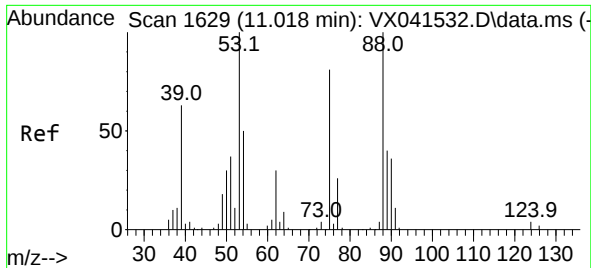
Tgt Ion:105 Resp: 146842

Ion Ratio Lower Upper

105 100

120 52.0 0.0 102.6

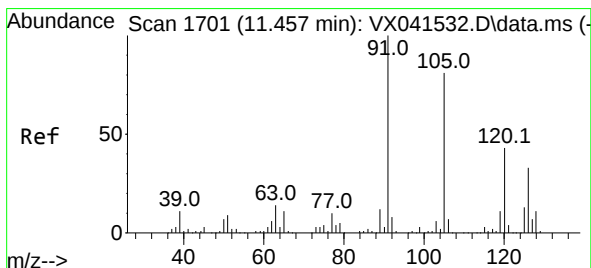
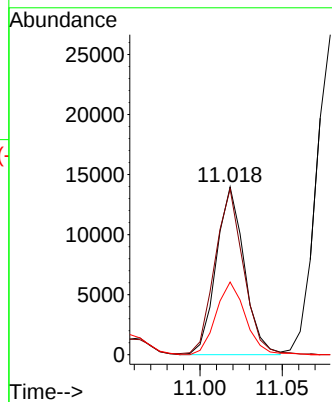
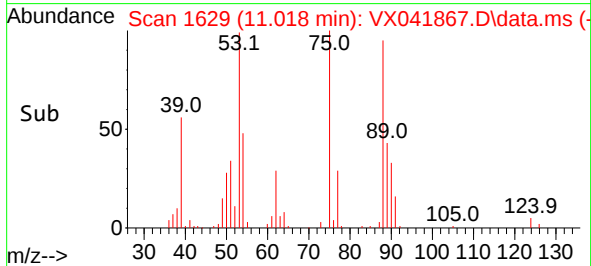
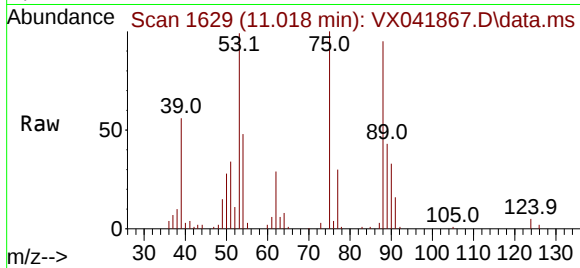




#77
t-1,4-Dichloro-2-butene
Concen: 20.198 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

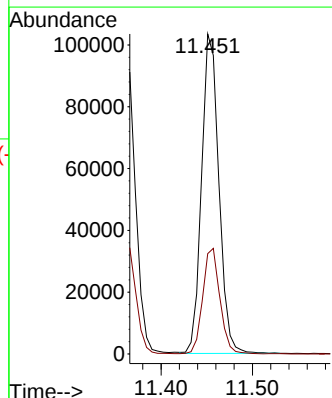
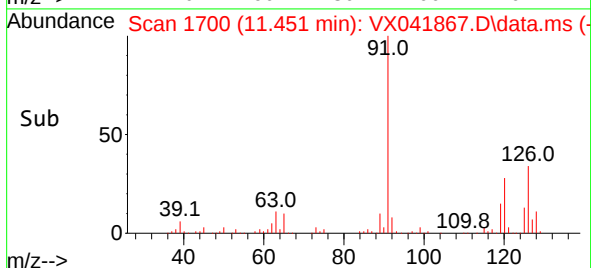
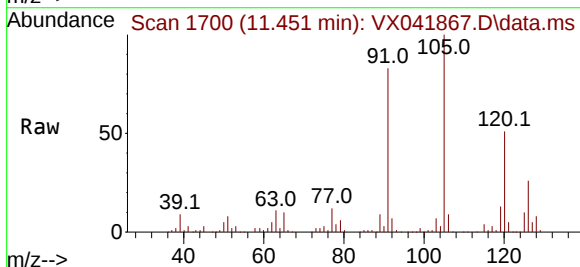
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

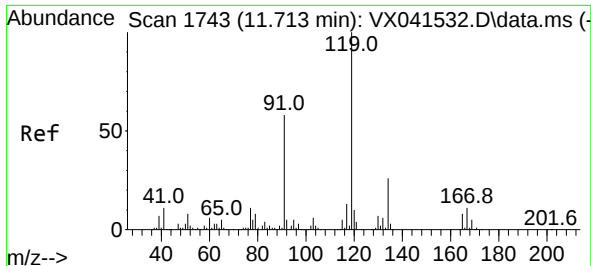
Tgt Ion: 75 Resp: 16642
Ion Ratio Lower Upper
75 100
53 98.1 61.8 185.3
89 43.3 24.9 74.7



#78
4-Chlorotoluene
Concen: 19.895 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 91 Resp: 135771
Ion Ratio Lower Upper
91 100
126 32.9 0.0 62.2





#79

tert-butylbenzene

Concen: 20.289 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

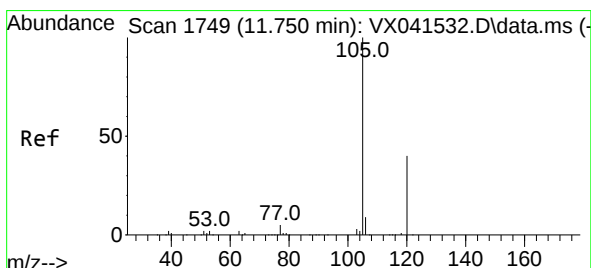
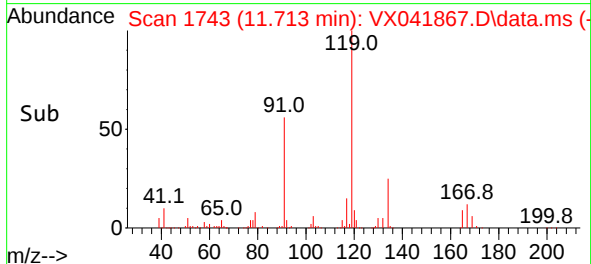
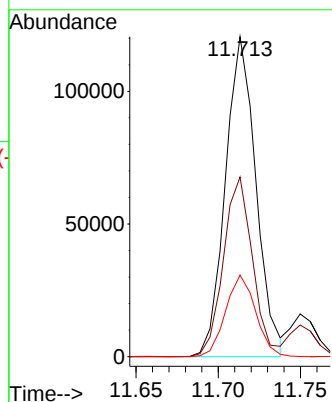
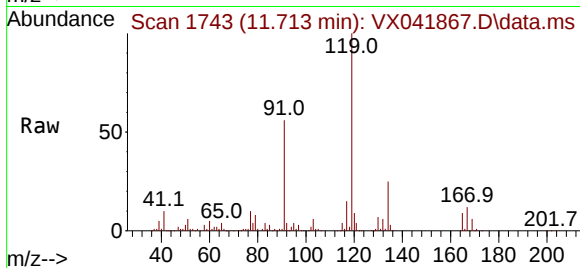
Tgt Ion:119 Resp: 155958

Ion Ratio Lower Upper

119 100

91 53.5 0.0 110.0

134 25.1 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 20.235 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041867.D

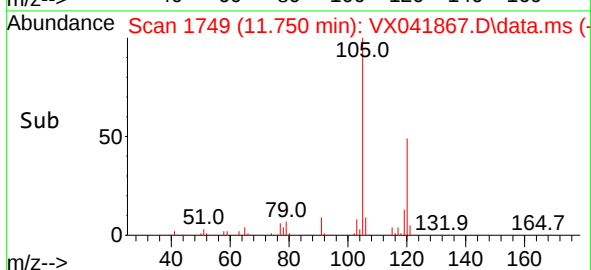
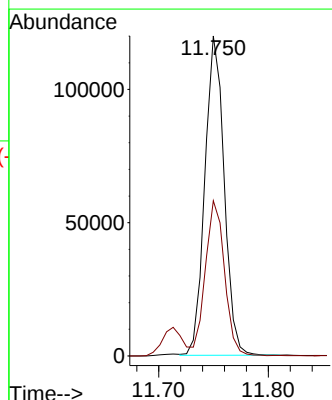
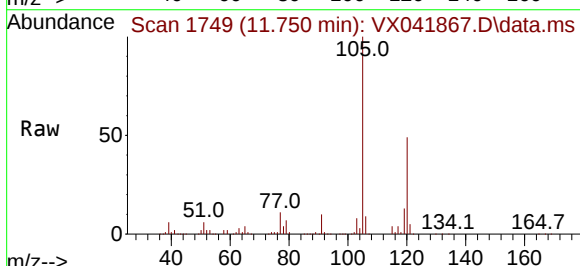
Acq: 14 Jun 2024 09:14

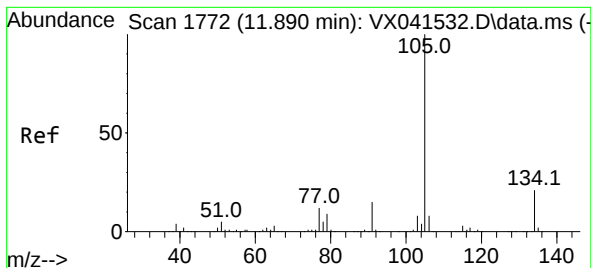
Tgt Ion:105 Resp: 146484

Ion Ratio Lower Upper

105 100

120 48.0 0.0 92.2





#81

sec-Butylbenzene

Concen: 20.612 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

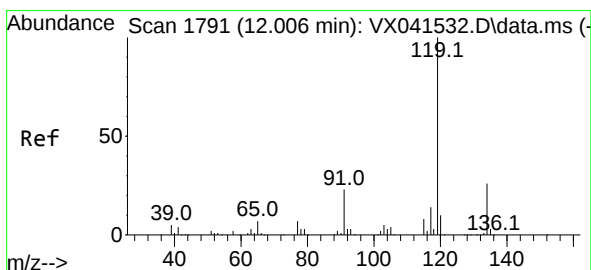
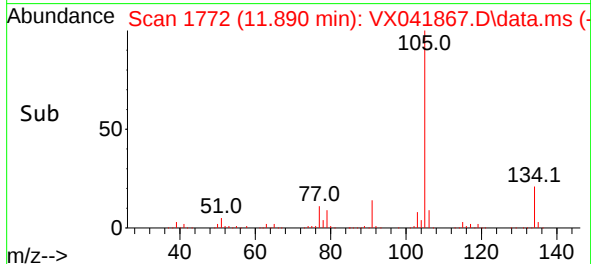
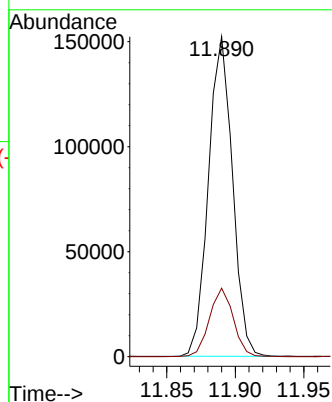
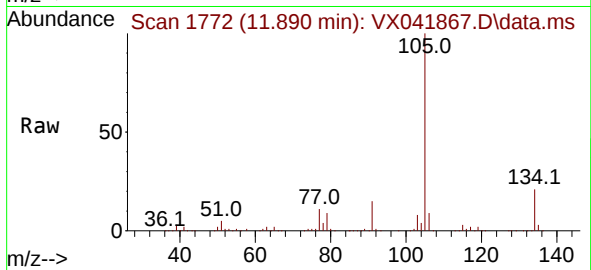
VSTDCCC020

Tgt Ion:105 Resp: 185144

Ion Ratio Lower Upper

105 100

134 21.4 0.0 43.4



#82

p-Isopropyltoluene

Concen: 20.513 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

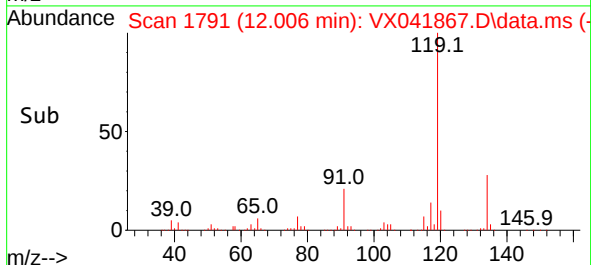
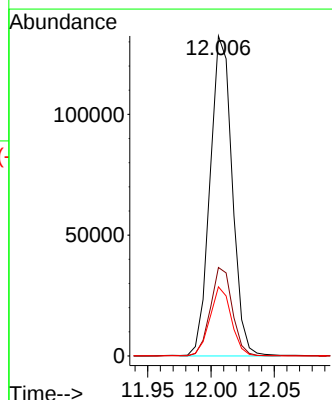
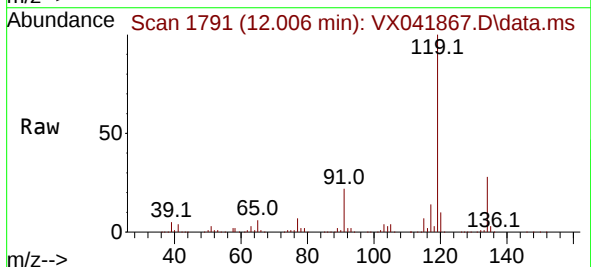
Tgt Ion:119 Resp: 161290

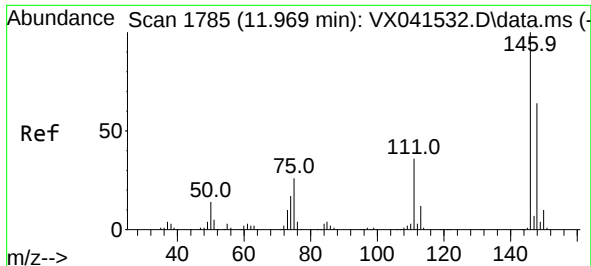
Ion Ratio Lower Upper

119 100

134 27.4 0.0 53.4

91 21.0 0.0 44.8

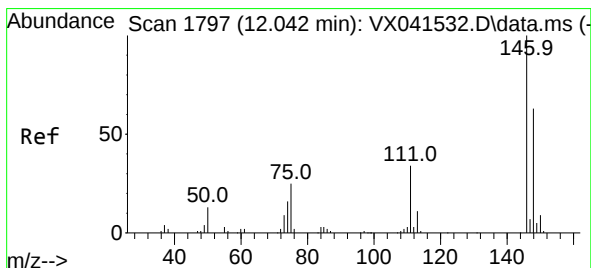
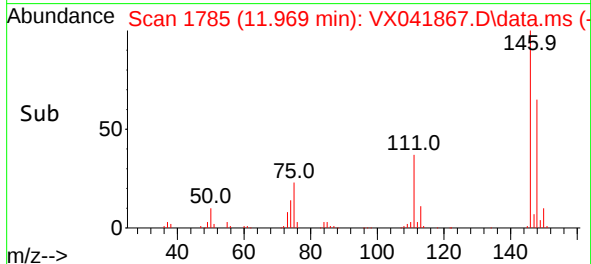
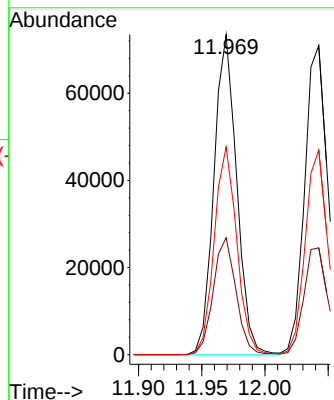
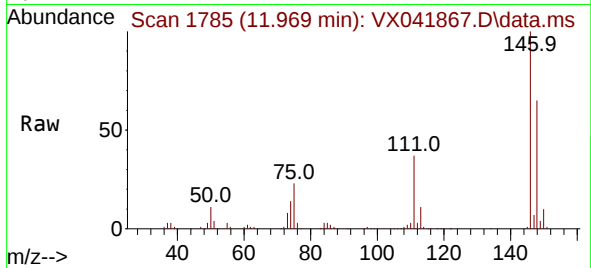




#83
1,3-Dichlorobenzene
Concen: 20.571 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

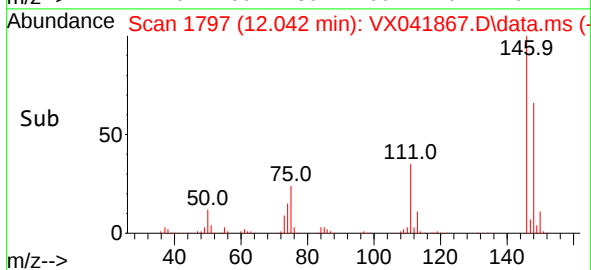
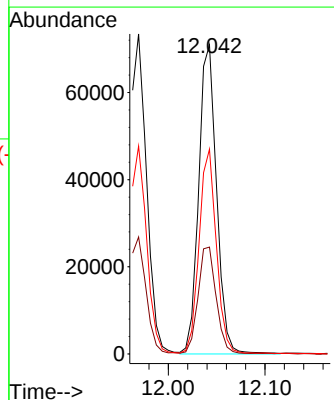
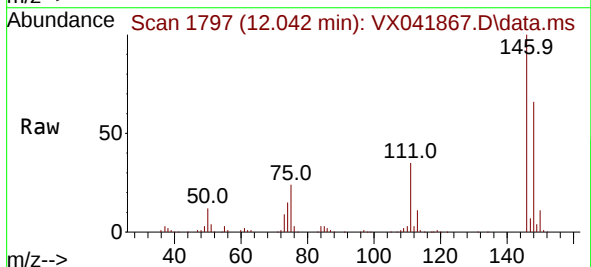
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

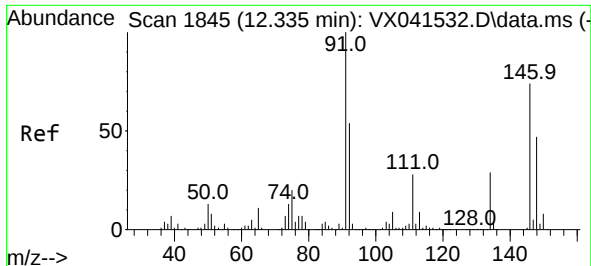
Tgt Ion:146 Resp: 91728
Ion Ratio Lower Upper
146 100
111 36.8 18.4 55.2
148 64.6 32.3 96.9



#84
1,4-Dichlorobenzene
Concen: 20.289 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion:146 Resp: 91412
Ion Ratio Lower Upper
146 100
111 35.2 17.8 53.5
148 64.1 31.9 95.5

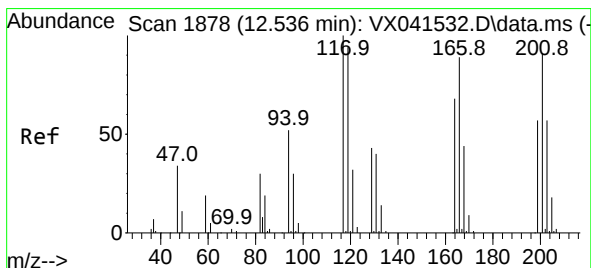
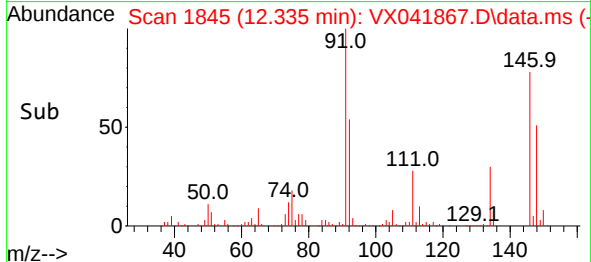
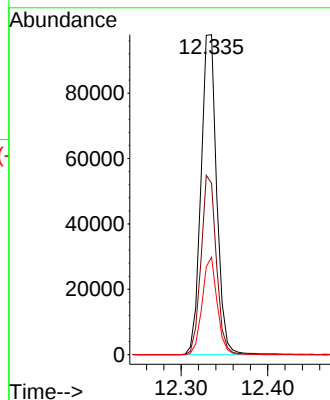
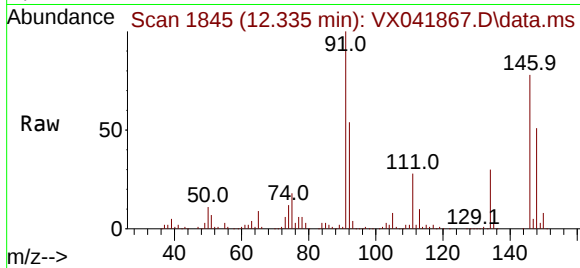




#85
n-Butylbenzene
Concen: 19.529 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

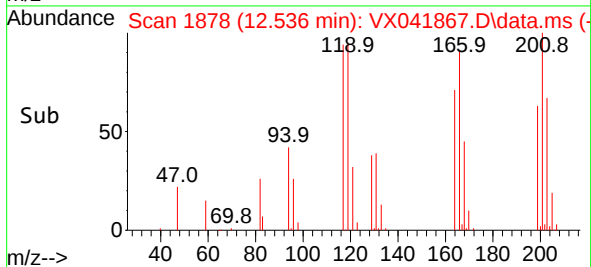
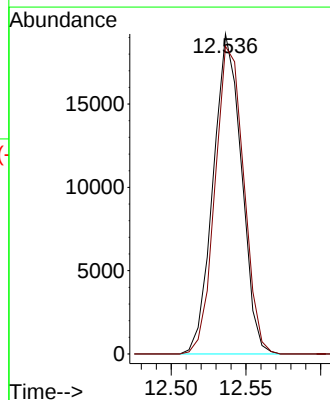
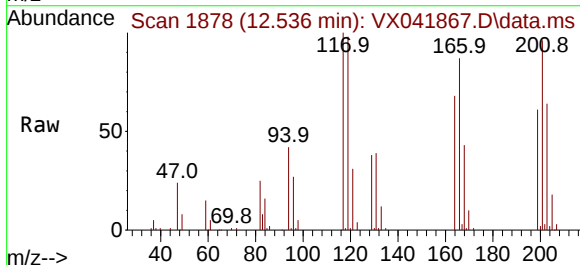
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

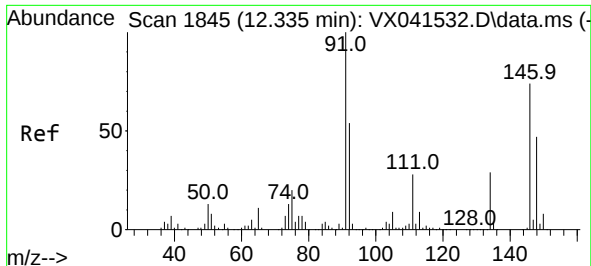
Tgt Ion: 91 Resp: 123562
Ion Ratio Lower Upper
91 100
92 54.6 0.0 108.4
134 29.0 0.0 56.6



#86
Hexachloroethane
Concen: 19.110 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion: 117 Resp: 25298
Ion Ratio Lower Upper
117 100
201 97.4 47.3 141.8

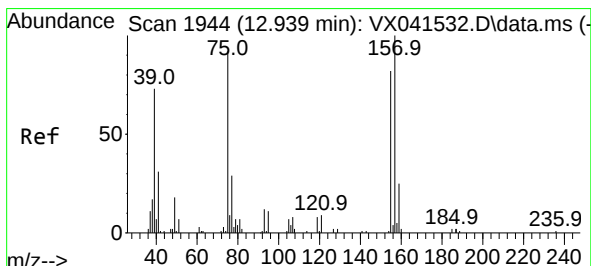
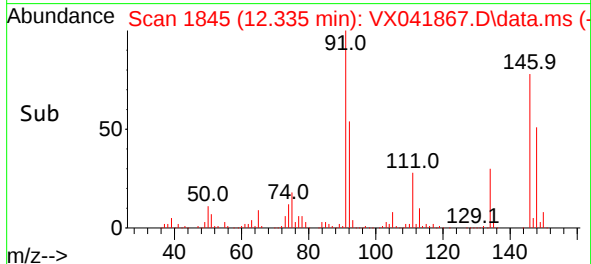
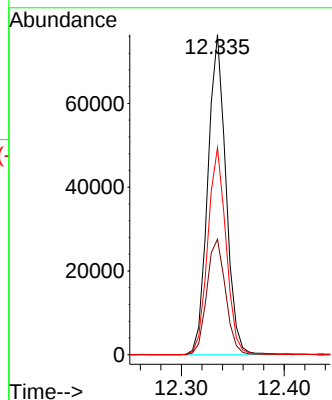
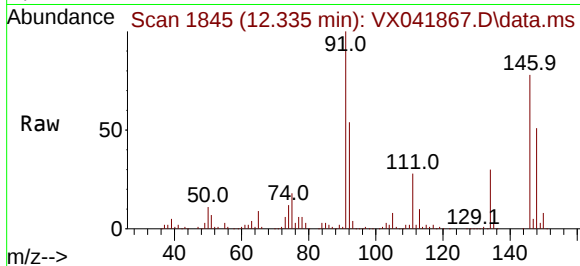




#87
 1,2-Dichlorobenzene
 Concen: 20.546 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

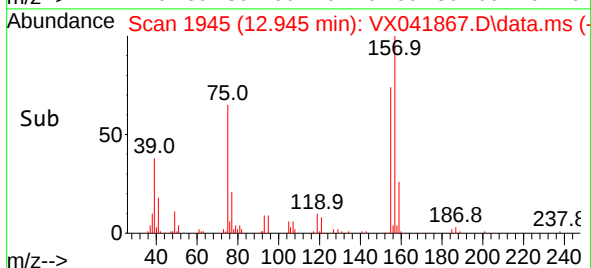
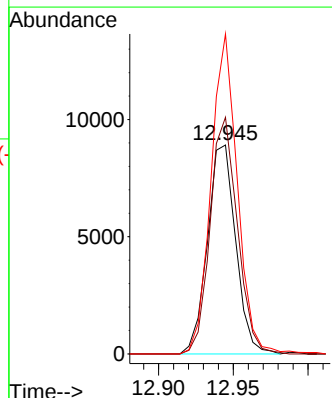
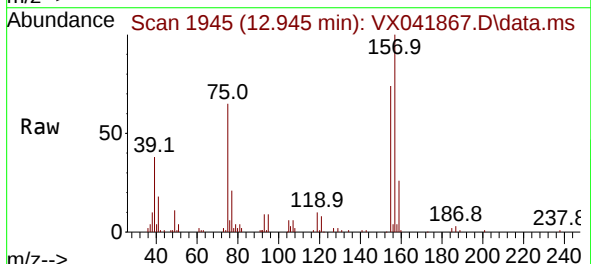
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

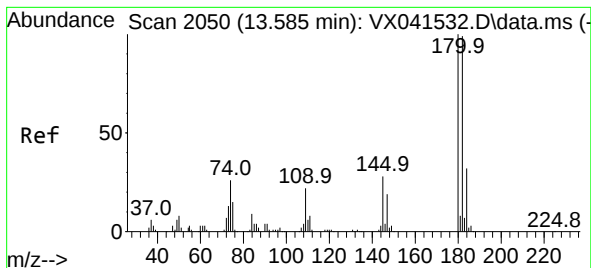
Tgt Ion:146 Resp: 93508
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.3 57.9
 148 65.3 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.375 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX041867.D
 Acq: 14 Jun 2024 09:14

Tgt Ion: 75 Resp: 11730
 Ion Ratio Lower Upper
 75 100
 155 109.4 80.4 120.6
 157 142.6 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 20.320 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

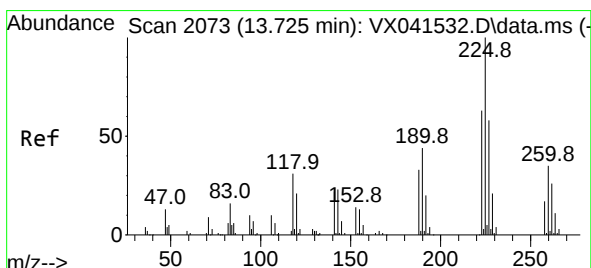
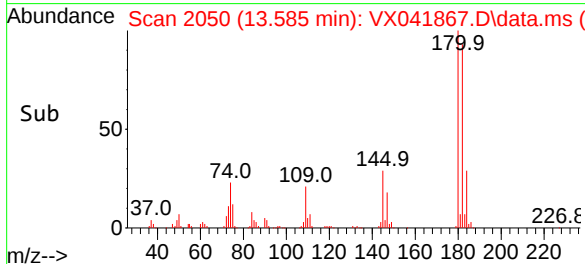
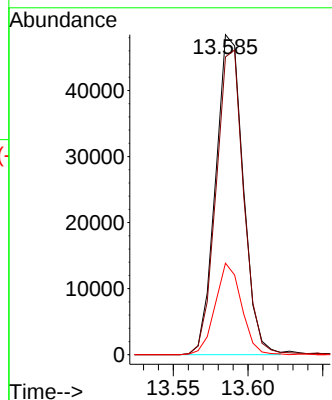
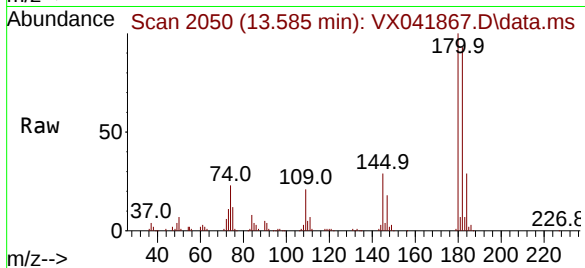
Tgt Ion:180 Resp: 62140

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

145 27.2 22.7 34.1



#90

Hexachlorobutadiene

Concen: 21.133 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041867.D

Acq: 14 Jun 2024 09:14

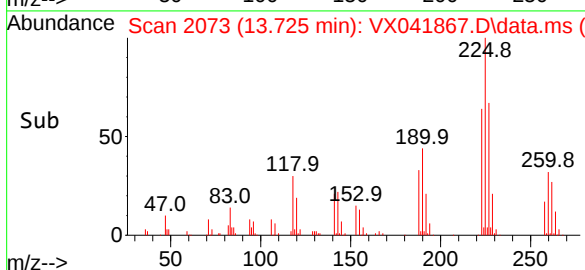
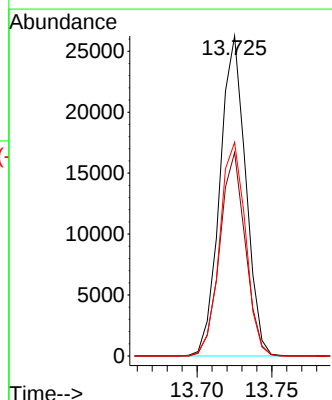
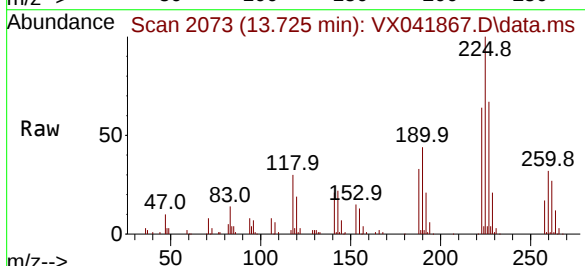
Tgt Ion:225 Resp: 31528

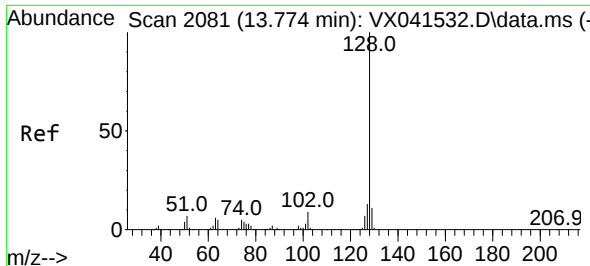
Ion Ratio Lower Upper

225 100

223 62.5 0.0 125.8

227 66.7 0.0 125.6

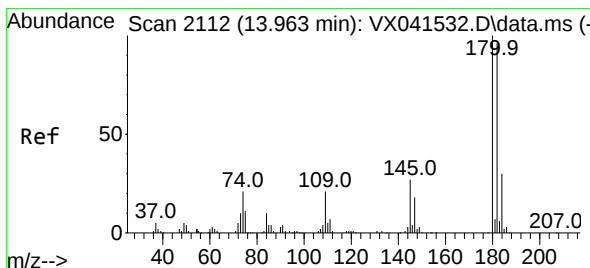
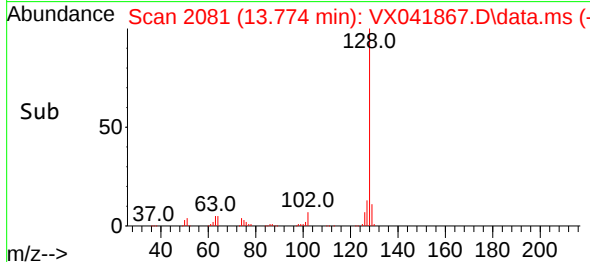
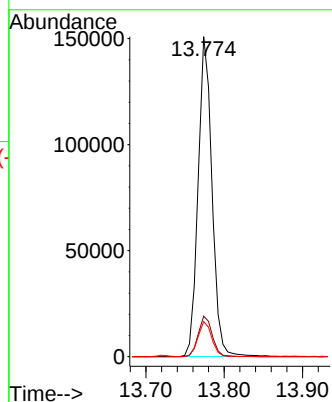
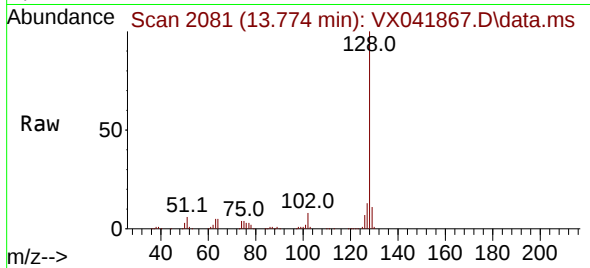




#91
Naphthalene
Concen: 20.384 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 186313
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.821 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041867.D
Acq: 14 Jun 2024 09:14

Tgt Ion:180 Resp: 65052
Ion Ratio Lower Upper
180 100
182 95.8 0.0 191.0
145 29.1 0.0 58.6

