

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057827.D
 Acq On : 06 Feb 2024 18:12
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 07 03:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.106	96	40757	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14940	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13426	1.015	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	140344	10.530	ug/l	100
3) Chloromethane	1.518	50	130918	10.233	ug/l	99
4) Vinyl Chloride	1.599	62	141372	10.701	ug/l	100
5) Bromomethane	1.853	94	85965	10.776	ug/l	99
6) Chloroethane	1.927	64	91109	10.714	ug/l	99
7) Trichlorofluoromethane	2.132	101	214190	10.706	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	104718	10.468	ug/l	96
9) 1,1-Dichloroethene	2.573	96	102699	10.469	ug/l	99
10) Iodomethane	2.714	142	157929	10.013	ug/l	92
11) Allyl Chloride	2.914	41	161512	10.789	ug/l	91
12) Acrylonitrile	3.316	53	44526	21.506	ug/l	95
13) Acetone	2.637	43	182444	44.989	ug/l	94
14) Carbon Disulfide	2.785	76	319700	10.194	ug/l	100
15) Methylene Chloride	3.036	84	138248	10.975	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	111461	10.468	ug/l	95
17) 1,1-Dichloroethane	3.856	63	235114	10.990	ug/l	98
18) 2-Butanone	4.717	43	214852	52.846	ug/l	95
19) Cyclohexane	5.370	56	182577	10.862	ug/l	97
20) Methylcyclohexane	6.753	83	207325	10.655	ug/l	97
21) 2,2-Dichloropropane	4.653	77	197881	10.272	ug/l	96
22) cis-1,2-Dichloroethene	4.653	96	123809	10.561	ug/l	91
23) Diethyl Ether	2.370	59	80752	10.668	ug/l	99
24) tert-Butyl Alcohol	3.248	59	60190	109.595	ug/l #	1
25) Methyl tert-Butyl Ether	3.357	73	268470	10.747	ug/l	96
26) Bromochloromethane	4.965	128	47289	10.363	ug/l	86
27) Chloroform	5.078	83	230773	10.813	ug/l	97
28) 1,1,1-Trichloroethane	5.303	97	204281	10.569	ug/l	98
29) 1,1-Dichloropropene	5.512	75	167564	10.550	ug/l	97
30) Carbon Tetrachloride	5.508	117	177432	10.713	ug/l	99
31) Isopropyl Ether	3.991	45	367726	11.197	ug/l	94
32) Ethyl-t-butyl ether	4.502	59	350263	10.844	ug/l	96
33) Tert-Amyl methyl ether	5.942	73	287865	10.645	ug/l	98
34) Propionitrile	4.791	54	41220	54.325	ug/l #	11
35) Benzene	5.762	78	482197	10.601	ug/l	100
36) 1,2-Dichloroethane	5.788	62	143927	10.822	ug/l	98
37) Trichloroethene	6.534	130	125178	10.688	ug/l	98
38) 1,2-Dichloropropane	6.785	63	132919	11.050	ug/l	99
39) Methacrylonitrile	4.975	41	37691	11.399	ug/l	94
40) Methyl acrylate	4.846	55	62282	11.309	ug/l #	97
41) Tetrahydrofuran	5.065	42	36449	22.123	ug/l	97
42) 1-Chlorobutane	5.447	56	227054	10.768	ug/l	97
43) Dibromomethane	6.914	93	60249	10.908	ug/l	95
44) Bromodichloromethane	7.100	83	162964	10.855	ug/l	99

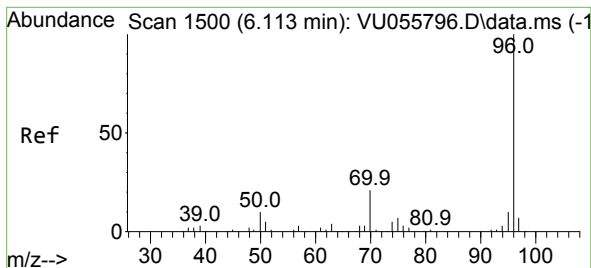
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	327987	53.123	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	131266	79.271	ug/l #	49
47) Methyl methacrylate	6.962	69	111607	22.042	ug/l	93
48) Ethyl methacrylate	8.331	69	110632	10.892	ug/l	97
49) Toluene	7.962	92	299038	10.873	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	146231	10.712	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	180147	10.579	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	83222	10.948	ug/l	98
53) 1,3-Dichloropropane	8.569	76	148203	10.738	ug/l	100
54) 2-Hexanone	8.685	43	305204	51.053	ug/l	97
55) Dibromochloromethane	8.804	129	97814	10.770	ug/l	98
56) 1,2-Dibromoethane	8.920	107	77588	10.895	ug/l	99
58) Tetrachloroethene	8.547	164	108916	10.721	ug/l	94
59) Chlorobenzene	9.441	112	323941	10.711	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	113558	10.953	ug/l	97
61) Pentachloroethane	11.421	117	79366	10.383	ug/l	90
62) Hexachloroethane	12.470	117	96676	10.913	ug/l	94
63) Ethyl Benzene	9.566	91	593796	10.910	ug/l	99
64) m/p-Xylenes	9.688	106	433218	21.725	ug/l	97
65) o-Xylene	10.097	106	212658	10.735	ug/l	95
66) Styrene	10.110	104	342396	11.192	ug/l	97
67) Bromoform	10.286	173	50569	11.066	ug/l	99
69) Isopropylbenzene	10.479	105	572726	10.897	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	99184	10.835	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	131266	16.228	ug/l #	48
72) Bromobenzene	10.778	156	120343	10.688	ug/l	96
73) n-propylbenzene	10.900	120	151367	11.040	ug/l	99
74) 2-Chlorotoluene	10.981	126	130312	10.880	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	488770	11.003	ug/l	99
76) 4-Chlorotoluene	11.093	126	133044	11.031	ug/l	93
77) tert-Butylbenzene	11.415	119	463995	10.840	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	498012	11.083	ug/l	99
79) sec-Butylbenzene	11.637	105	618869	10.948	ug/l	98
80) Nitrobenzene	13.203	77	11659	39.234	ug/l #	92
81) p-Isopropyltoluene	11.788	119	518015	11.145	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	242584	10.778	ug/l	97
83) 1,4-Dichlorobenzene	11.830	146	242439	10.873	ug/l	99
84) n-Butylbenzene	12.203	91	503873	11.360	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	221416	10.592	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.990	75	15663	10.247	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	142527	11.167	ug/l	98
88) Hexachlorobutadiene	14.016	225	85331	10.669	ug/l	99
89) Naphthalene	14.084	128	265430	11.877	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	126401	11.542	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.106 min Scan# 14

Delta R.T. 0.003 min

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VSTDCCC010EC

Tgt Ion: 96 Resp: 40757

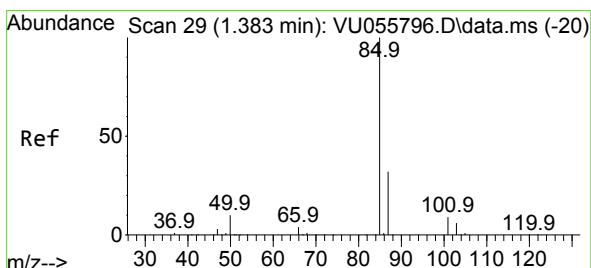
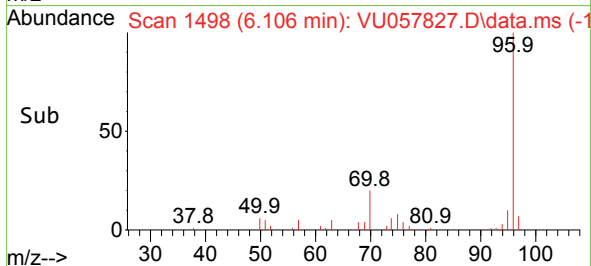
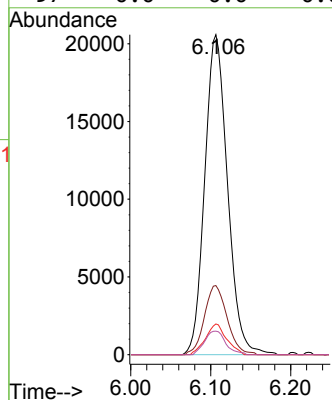
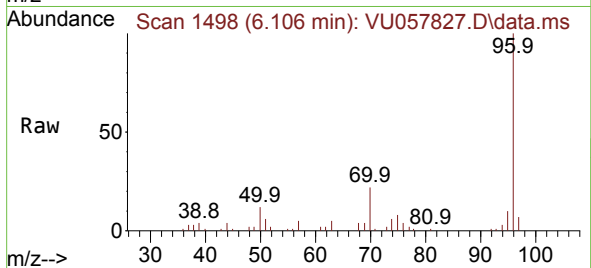
Ion Ratio Lower Upper

96 100

70 21.5 16.5 24.7

95 8.9 7.4 11.0

97 0.0 0.0 0.0



#2

Dichlorodifluoromethane

Concen: 10.530 ug/l

RT: 1.380 min Scan# 28

Delta R.T. -0.000 min

Lab File: VU057827.D

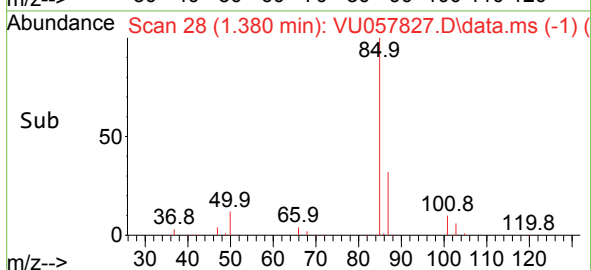
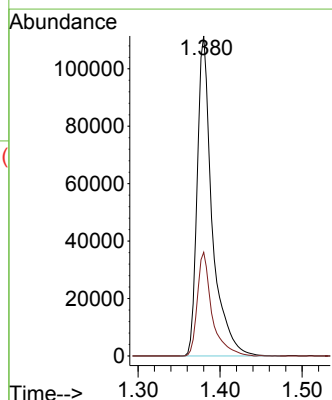
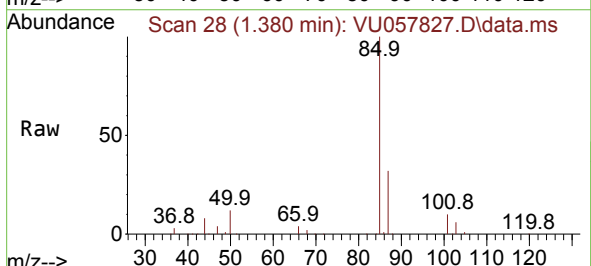
Acq: 06 Feb 2024 18:12

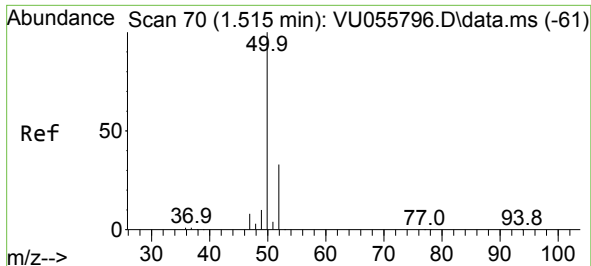
Tgt Ion: 85 Resp: 140344

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6

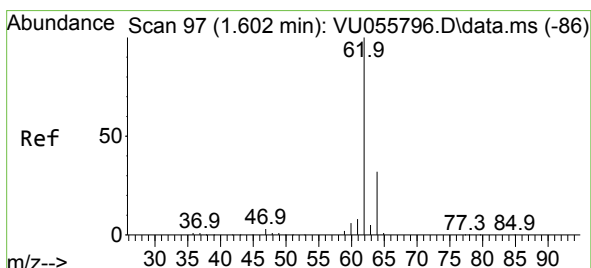
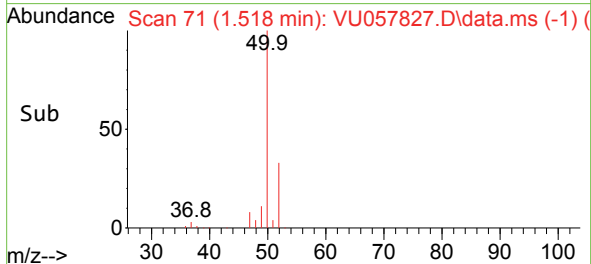
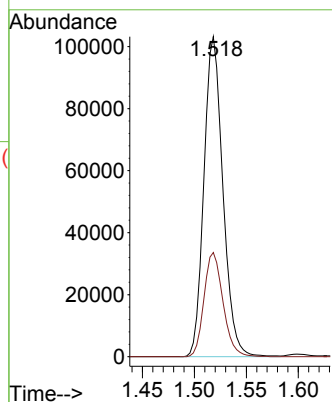
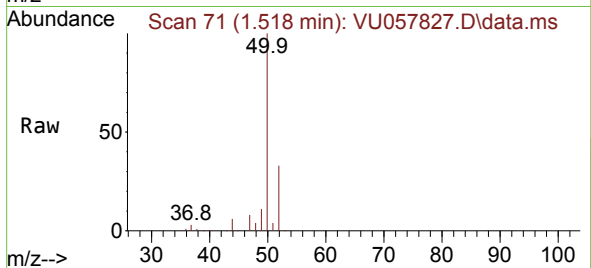




#3
Chloromethane
Concen: 10.233 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

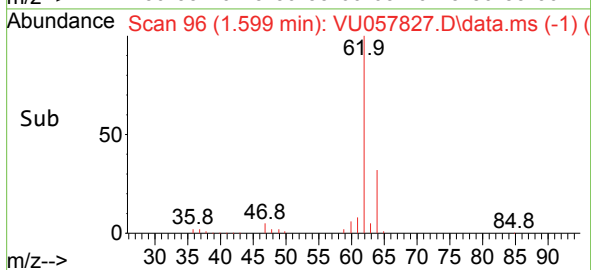
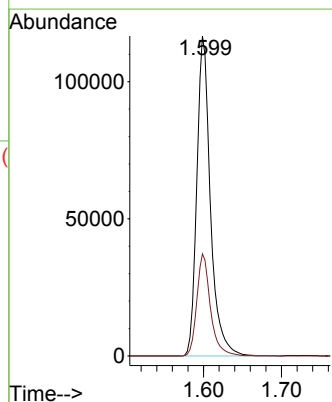
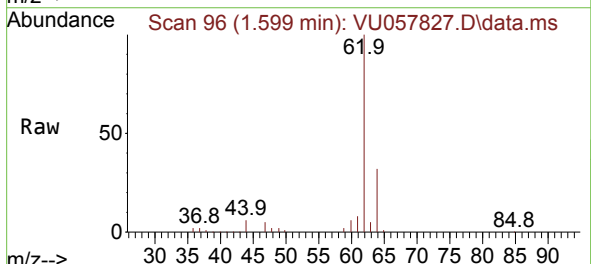
Instrument :
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VSTDCCC010EC

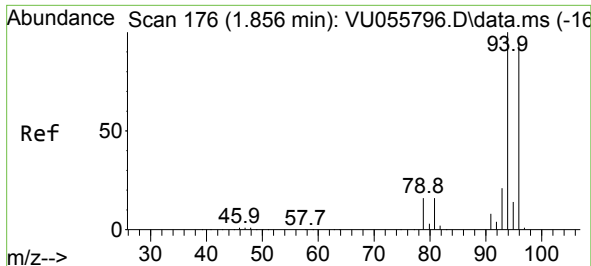
Tgt Ion: 50 Resp: 130918
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 10.701 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 62 Resp: 141372
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2

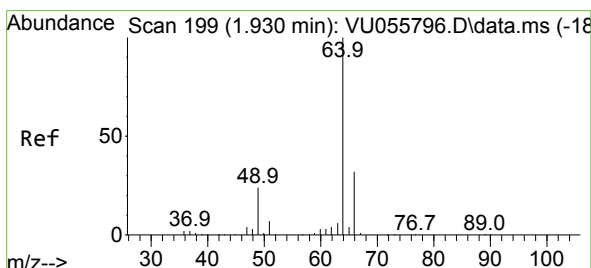
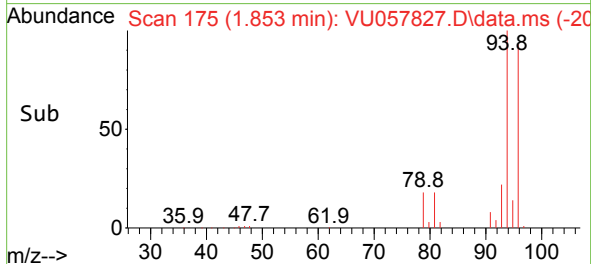
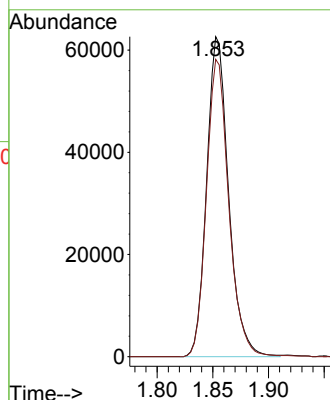
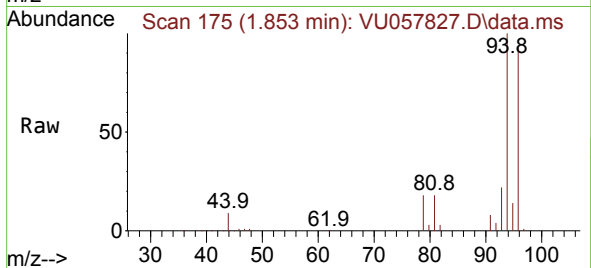




#5
Bromomethane
Concen: 10.776 ug/l
RT: 1.853 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

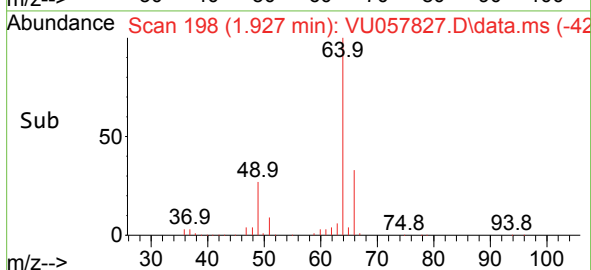
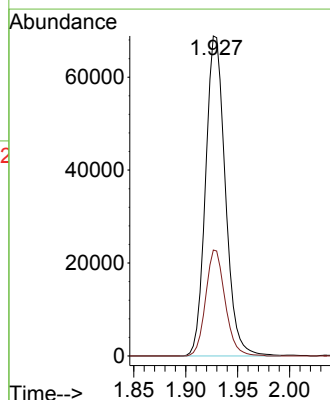
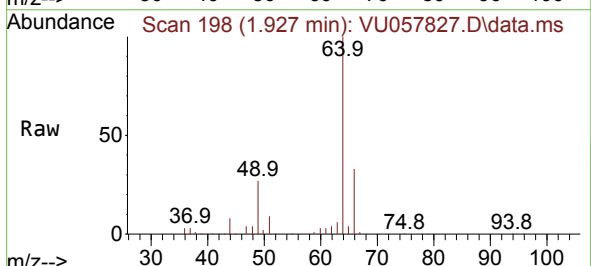
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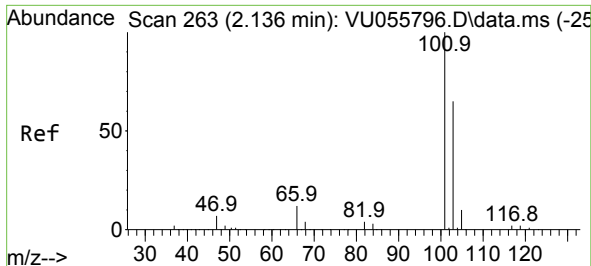
Tgt Ion: 94 Resp: 85965
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2



#6
Chloroethane
Concen: 10.714 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 64 Resp: 91109
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0

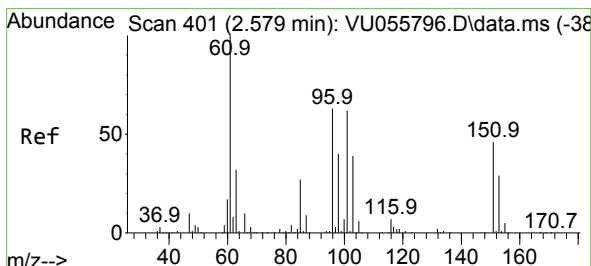
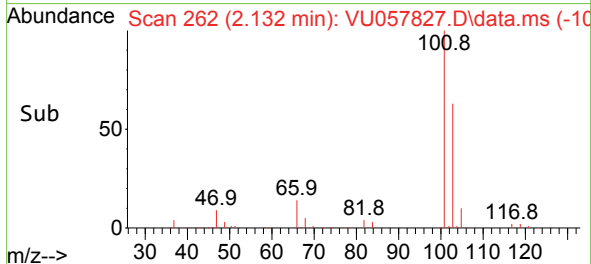
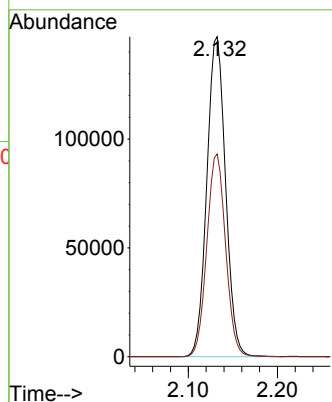
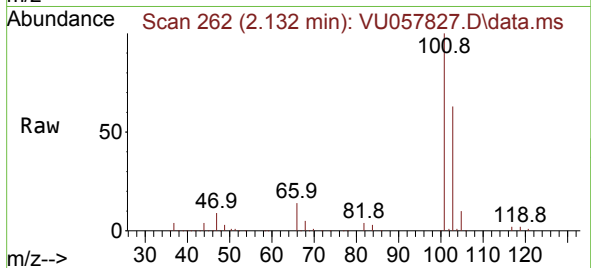




#7
 Trichlorofluoromethane
 Concen: 10.706 ug/l
 RT: 2.132 min Scan# 214
 Delta R.T. 0.016 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

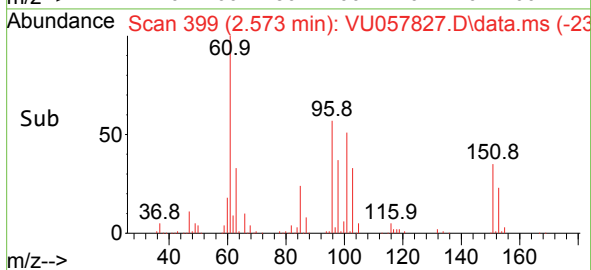
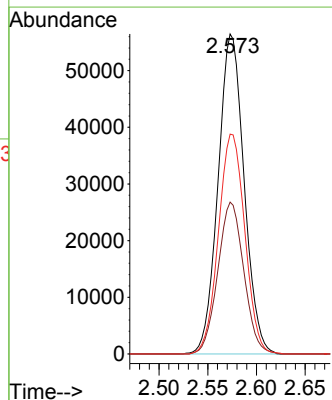
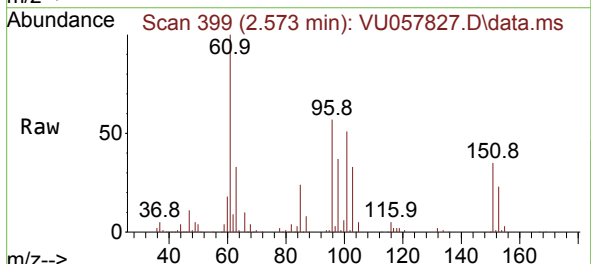
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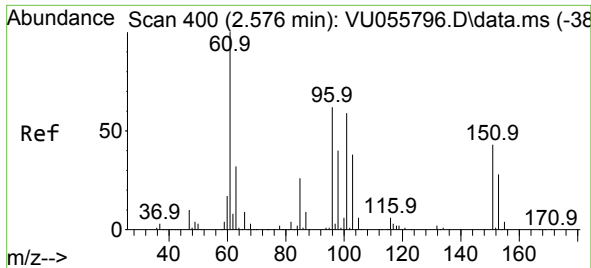
Tgt Ion:101 Resp: 214190
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.468 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. 0.013 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

Tgt Ion:101 Resp: 104718
 Ion Ratio Lower Upper
 101 100
 85 47.4 35.4 53.0
 151 69.7 54.0 81.0

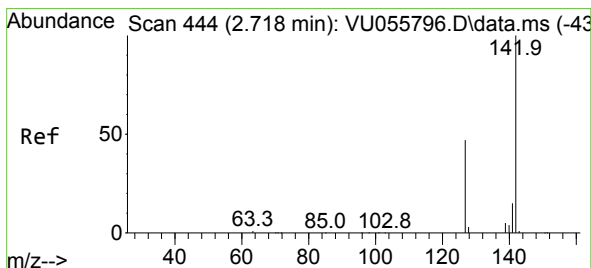
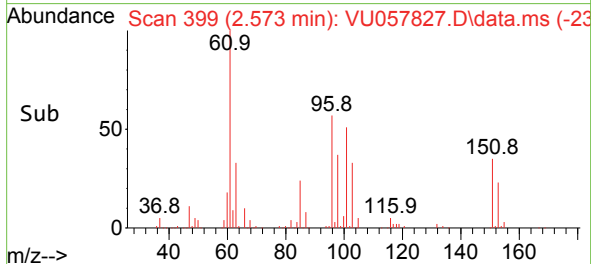
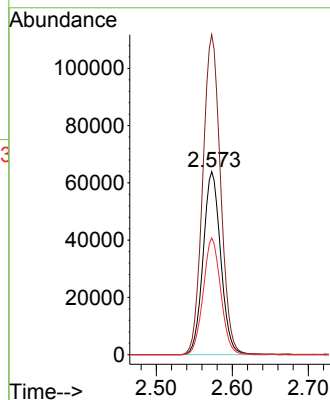
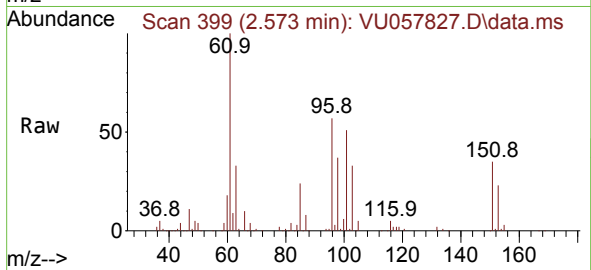




#9
1,1-Dichloroethene
Concen: 10.469 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.013 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

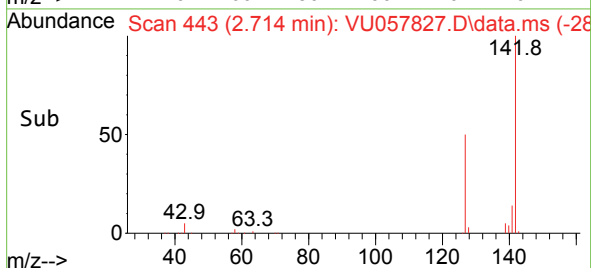
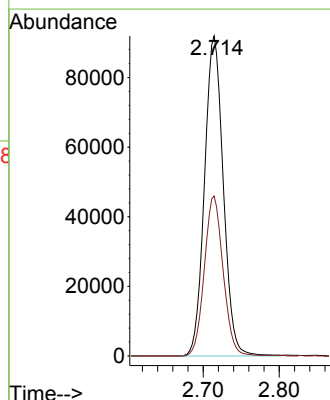
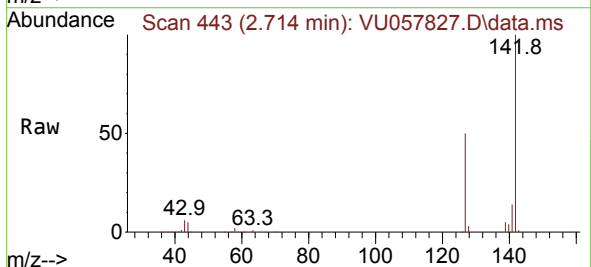
Instrument :
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ClientSampleId :
VSTDCCC010EC

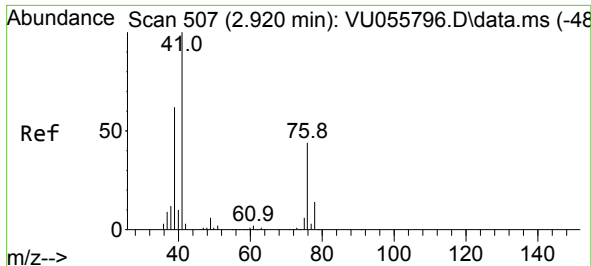
Tgt Ion: 96 Resp: 102699
Ion Ratio Lower Upper
96 100
61 174.8 0.0 521.4
98 63.8 0.0 125.8



#10
Iodomethane
Concen: 10.013 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.013 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 142 Resp: 157929
Ion Ratio Lower Upper
142 100
127 50.0 35.9 53.9





#11

Allyl Chloride

Concen: 10.789 ug/l

RT: 2.914 min Scan# 507

Delta R.T. 0.010 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

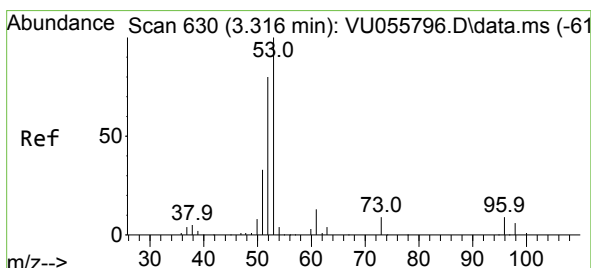
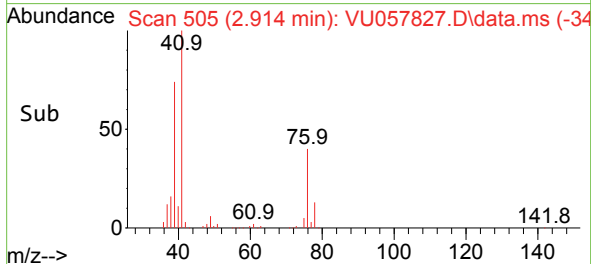
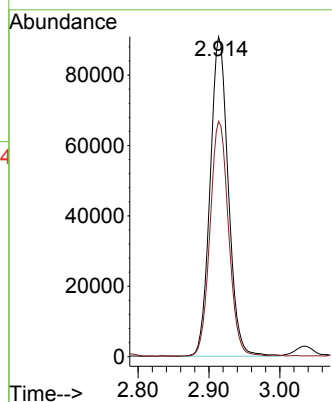
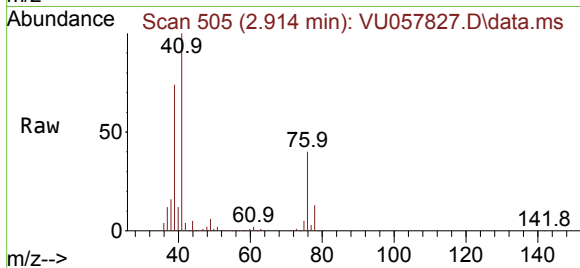
VSTDCCC010EC

Tgt Ion: 41 Resp: 161512

Ion Ratio Lower Upper

41 100

39 74.7 54.2 81.2



#12

Acrylonitrile

Concen: 21.506 ug/l

RT: 3.316 min Scan# 630

Delta R.T. 0.006 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

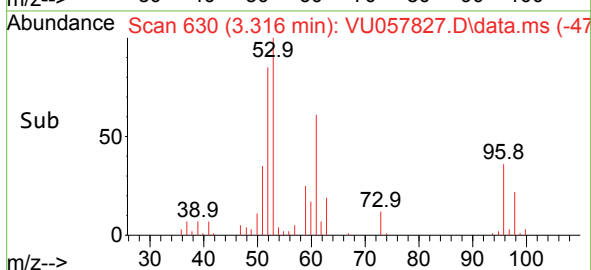
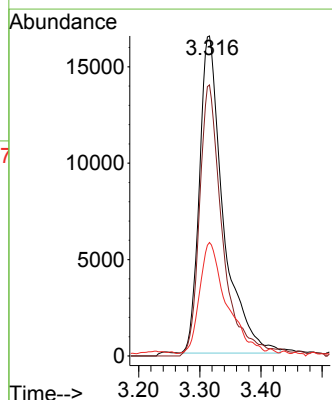
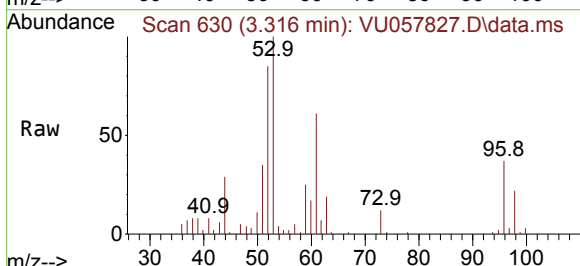
Tgt Ion: 53 Resp: 44526

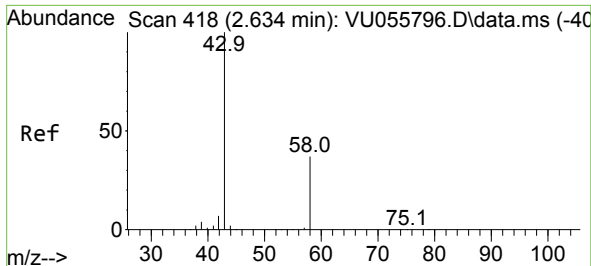
Ion Ratio Lower Upper

53 100

52 82.5 62.9 94.3

51 39.1 27.8 41.6





#13

Acetone

Concen: 44.989 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

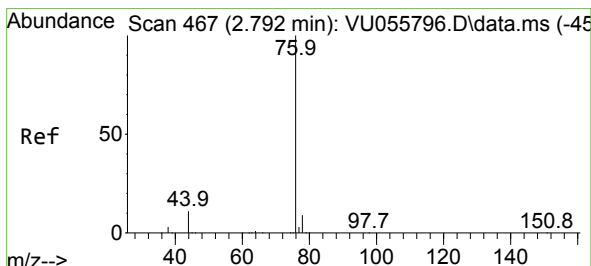
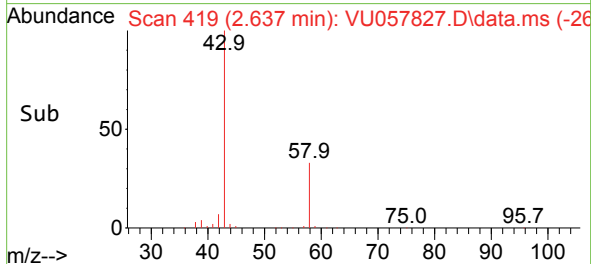
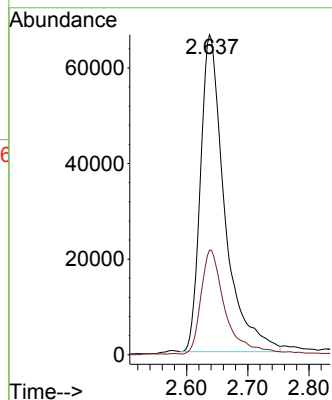
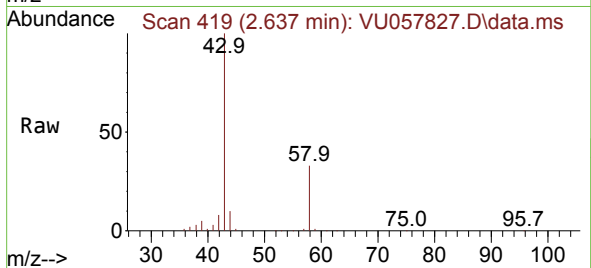
VSTDCCC010EC

Tgt Ion: 43 Resp: 182444

Ion Ratio Lower Upper

43 100

58 32.7 29.0 43.4



#14

Carbon Disulfide

Concen: 10.194 ug/l

RT: 2.785 min Scan# 465

Delta R.T. 0.013 min

Lab File: VU057827.D

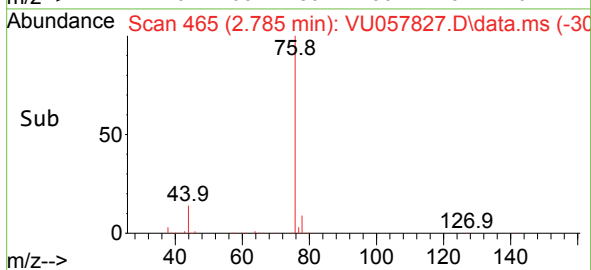
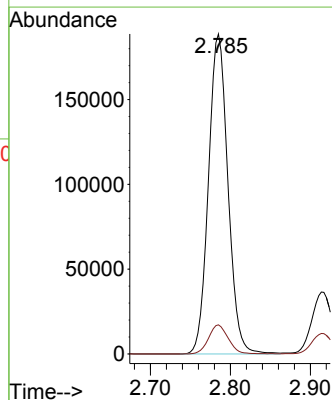
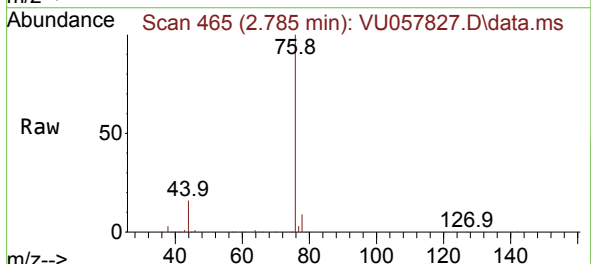
Acq: 06 Feb 2024 18:12

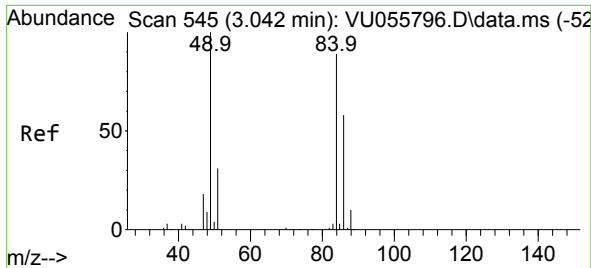
Tgt Ion: 76 Resp: 319700

Ion Ratio Lower Upper

76 100

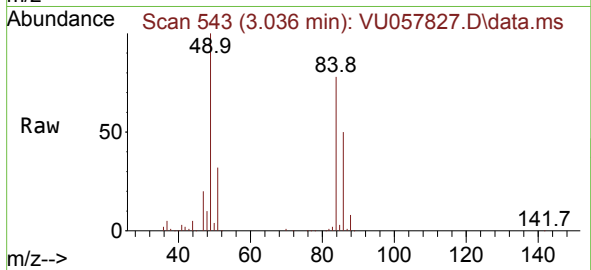
78 9.1 7.4 11.0



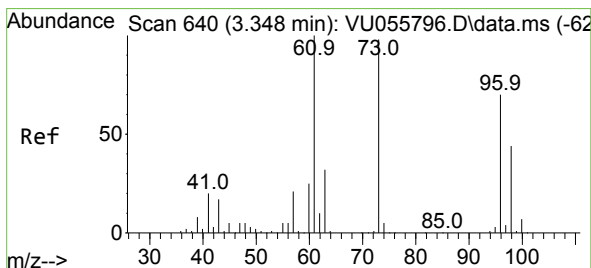
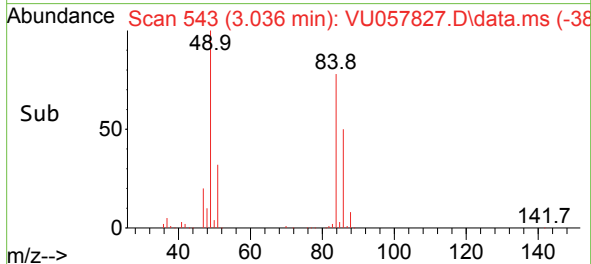
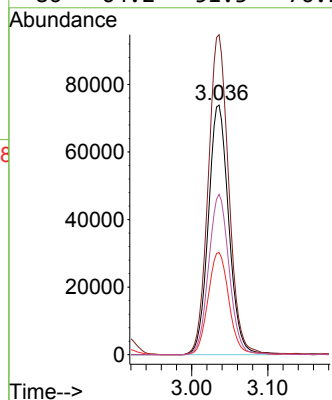


#15
Methylene Chloride
Concen: 10.975 ug/l
RT: 3.036 min Scan# 54
Delta R.T. 0.010 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

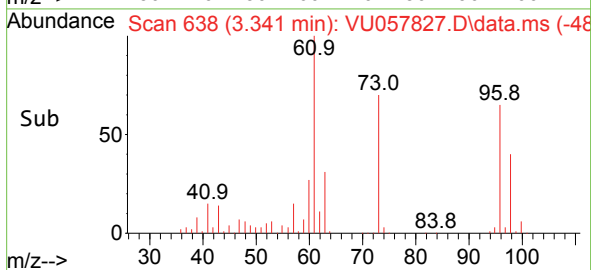
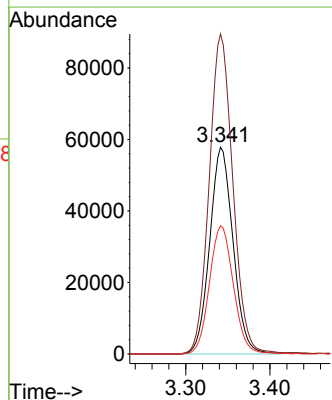
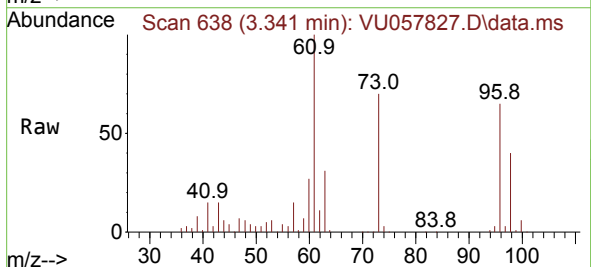


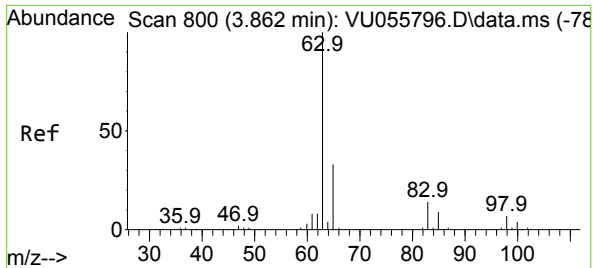
Tgt Ion:	84	Resp:	138248
Ion	Ratio	Lower	Upper
84	100		
49	128.2	98.9	148.3
51	40.9	0.0	75.4
86	64.2	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 10.468 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:	96	Resp:	111461
Ion	Ratio	Lower	Upper
96	100		
61	154.7	117.5	176.3
98	61.9	48.3	72.5

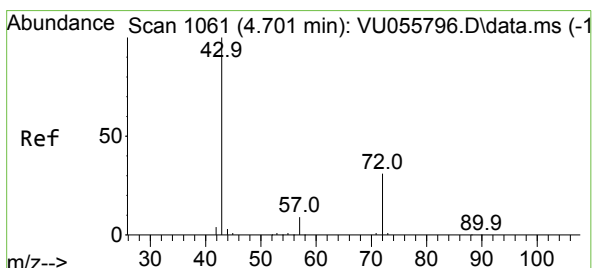
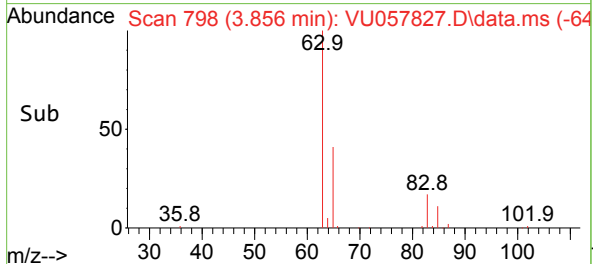
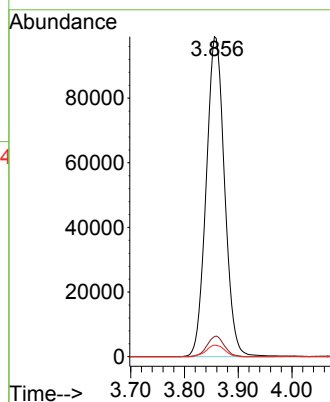
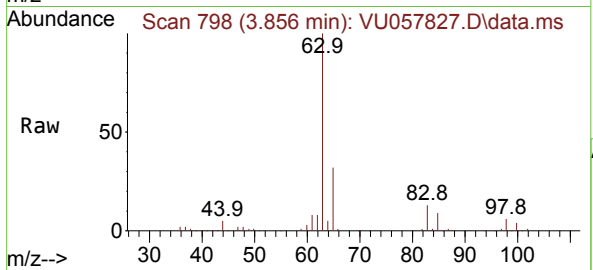




#17
1,1-Dichloroethane
Concen: 10.990 ug/l
RT: 3.856 min Scan# 79
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

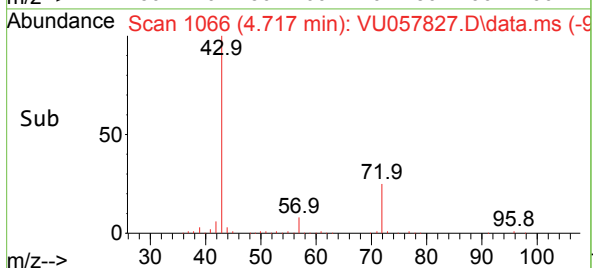
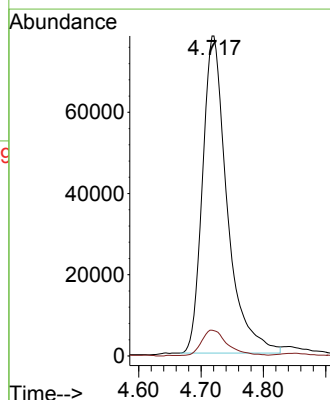
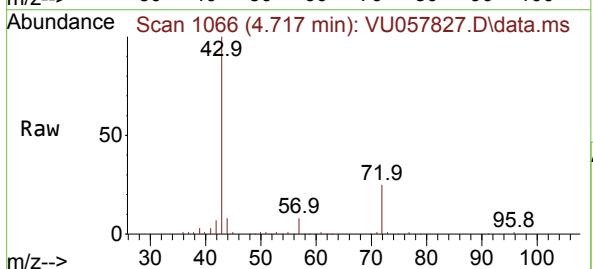
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

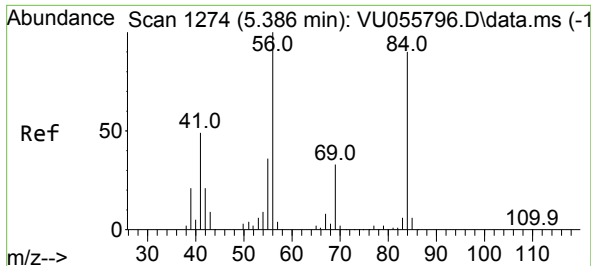
Tgt Ion: 63 Resp: 235114
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 3.6 2.2 6.6



#18
2-Butanone
Concen: 52.846 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 43 Resp: 214852
Ion Ratio Lower Upper
43 100
57 8.0 0.0 19.6





#19

Cyclohexane

Concen: 10.862 ug/l

RT: 5.370 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

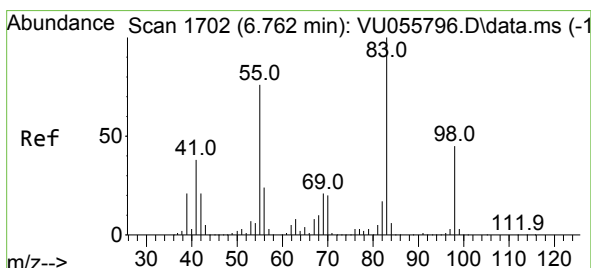
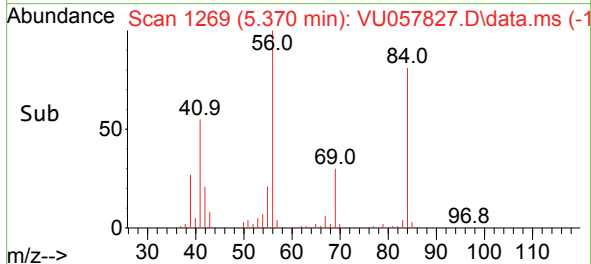
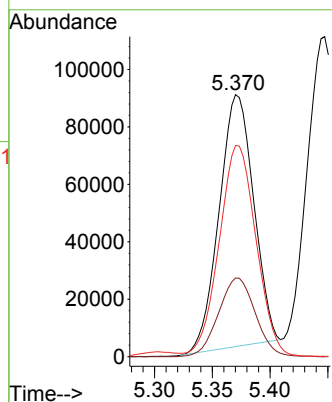
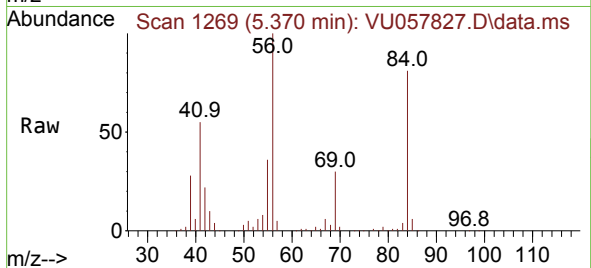
Tgt Ion: 56 Resp: 182577

Ion Ratio Lower Upper

56 100

69 33.2 24.6 37.0

84 87.4 68.4 102.6



#20

Methylcyclohexane

Concen: 10.655 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

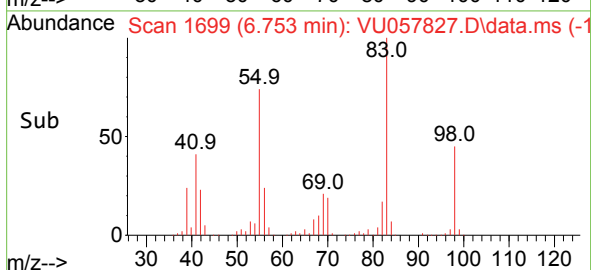
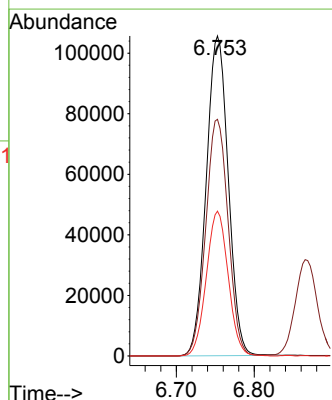
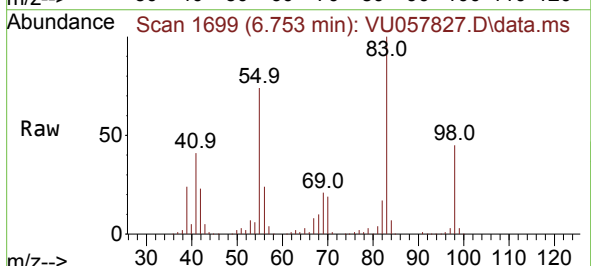
Tgt Ion: 83 Resp: 207325

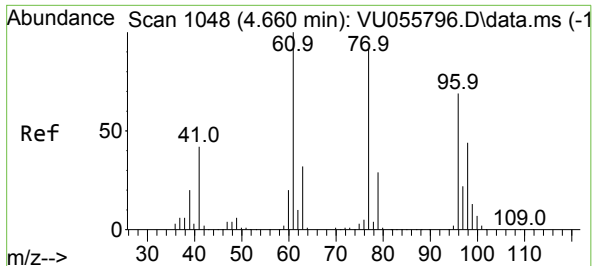
Ion Ratio Lower Upper

83 100

55 74.8 63.5 95.3

98 45.0 36.0 54.0

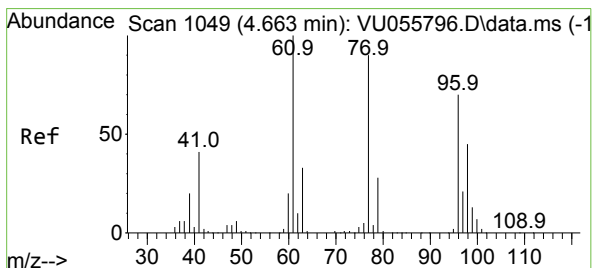
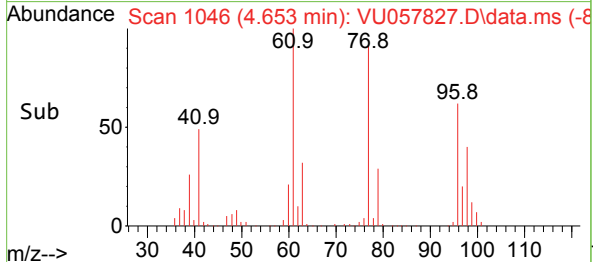
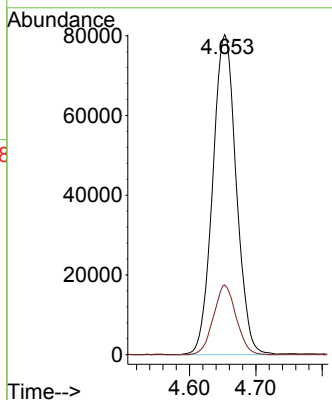
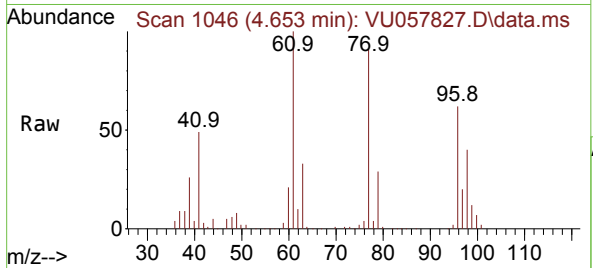




#21
2,2-Dichloropropane
Concen: 10.272 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

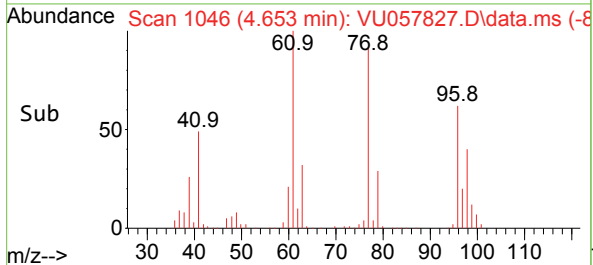
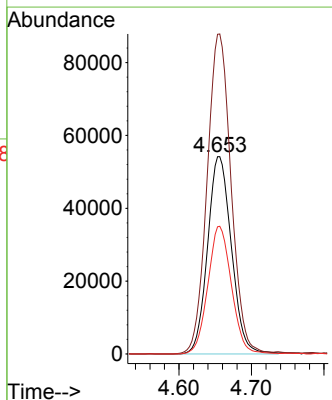
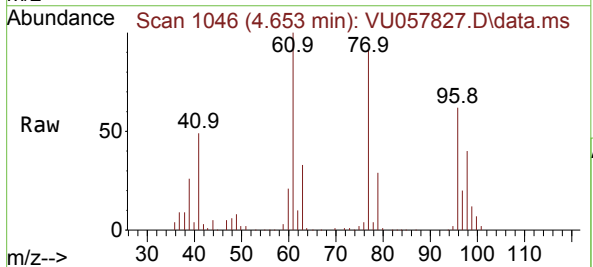
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

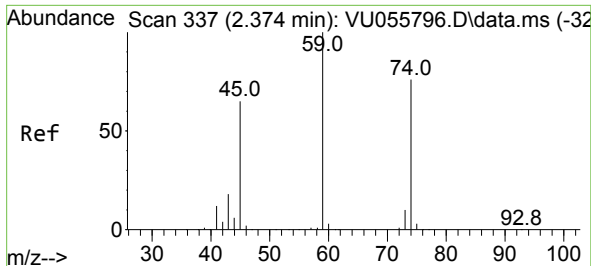
Tgt Ion: 77 Resp: 197881
Ion Ratio Lower Upper
77 100
97 21.0 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 10.561 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 96 Resp: 123809
Ion Ratio Lower Upper
96 100
61 163.0 0.0 365.8
98 64.0 32.0 96.0

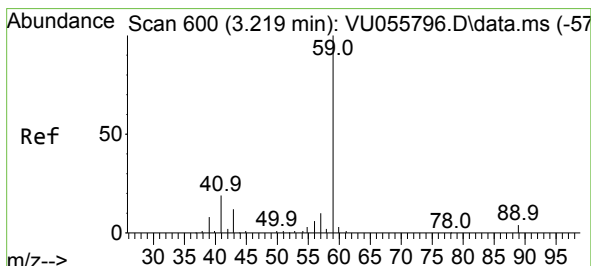
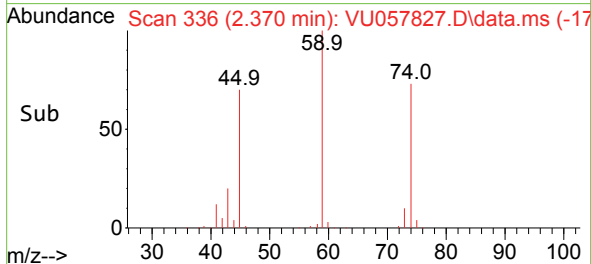
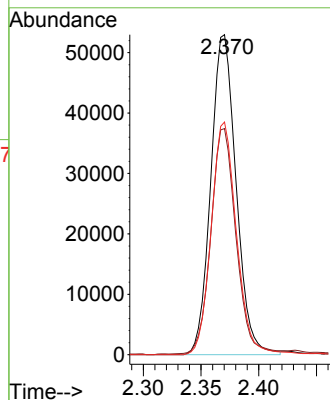
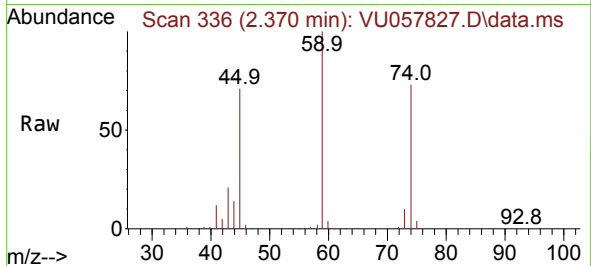




#23
Diethyl Ether
Concen: 10.668 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

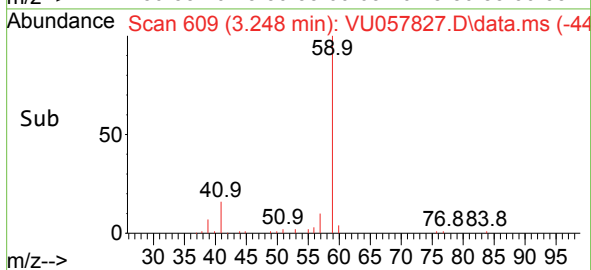
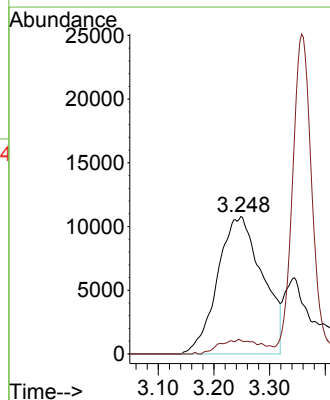
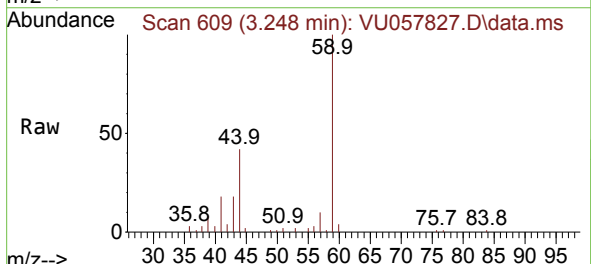
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

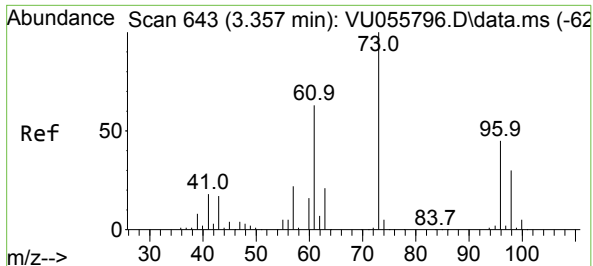
Tgt Ion: 59 Resp: 80752
Ion Ratio Lower Upper
59 100
45 69.9 56.1 84.1
74 72.7 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 109.595 ug/l
RT: 3.248 min Scan# 609
Delta R.T. 0.016 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 59 Resp: 60190
Ion Ratio Lower Upper
59 100
57 3.6 105.6 158.4#

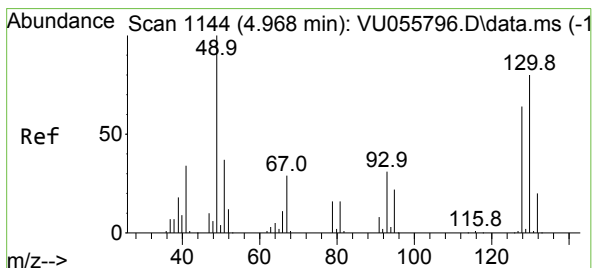
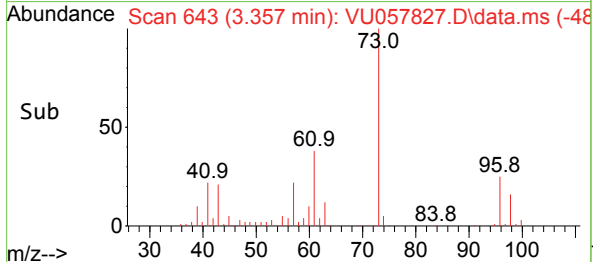
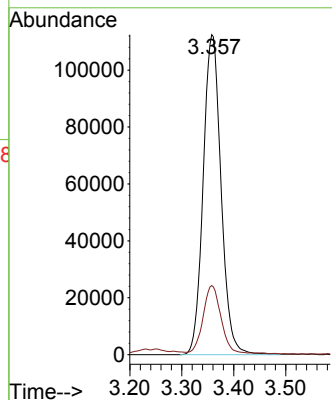
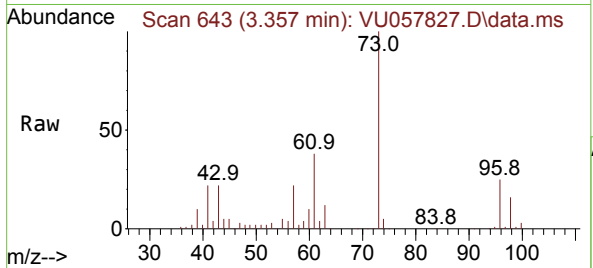




#25
Methyl tert-Butyl Ether
Concen: 10.747 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

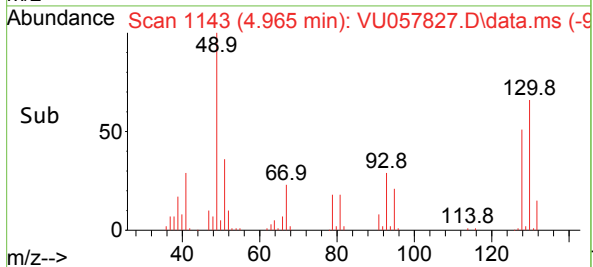
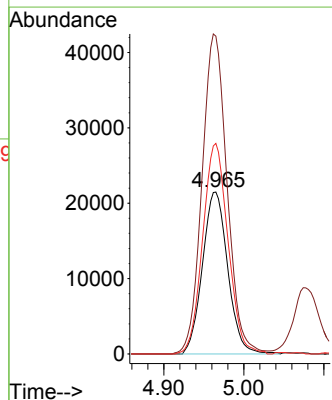
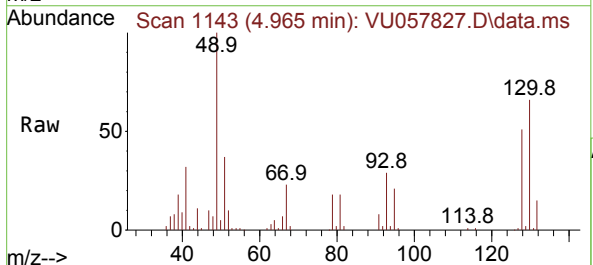
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

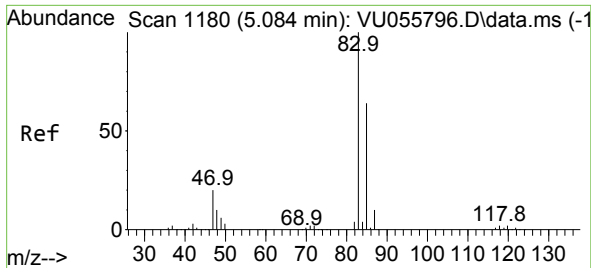
Tgt Ion: 73 Resp: 268470
Ion Ratio Lower Upper
73 100
43 20.7 15.0 22.6



#26
Bromochloromethane
Concen: 10.363 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 128 Resp: 47289
Ion Ratio Lower Upper
128 100
49 195.6 0.0 324.6
130 129.9 103.0 154.4





#27

Chloroform

Concen: 10.813 ug/l

RT: 5.078 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

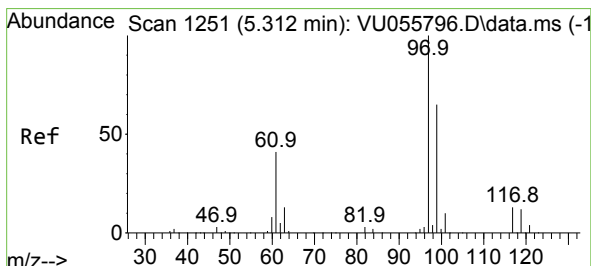
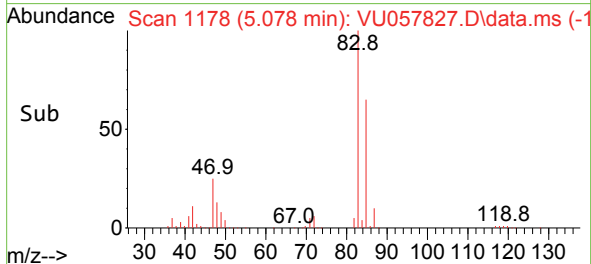
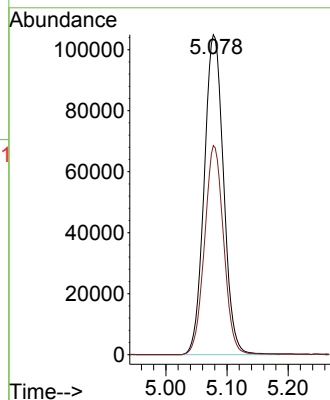
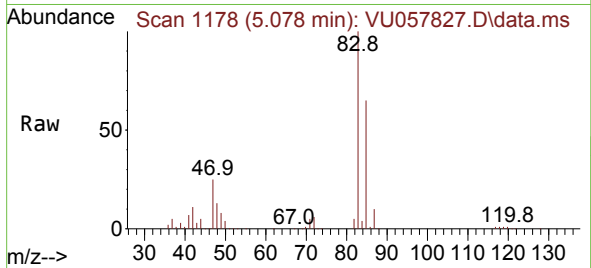
VSTDCCC010EC

Tgt Ion: 83 Resp: 230773

Ion Ratio Lower Upper

83 100

85 65.4 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 10.569 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

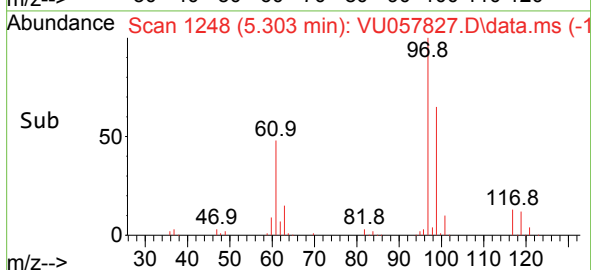
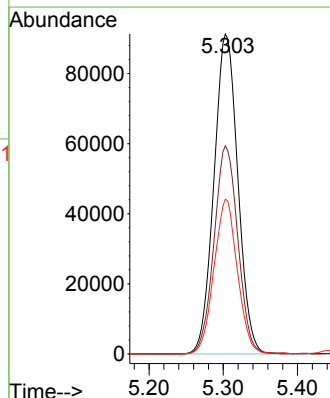
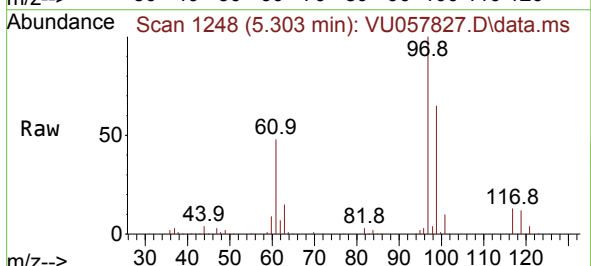
Tgt Ion: 97 Resp: 204281

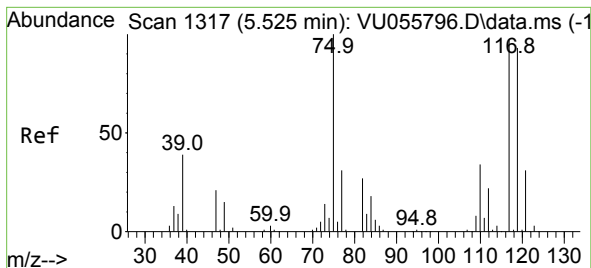
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 47.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 10.550 ug/l

RT: 5.512 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

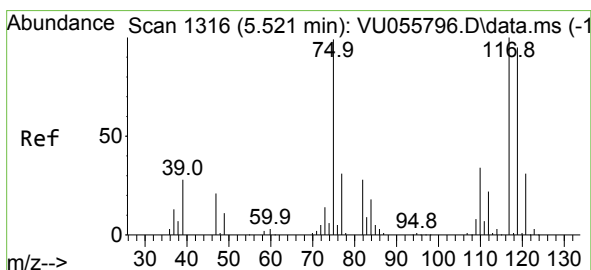
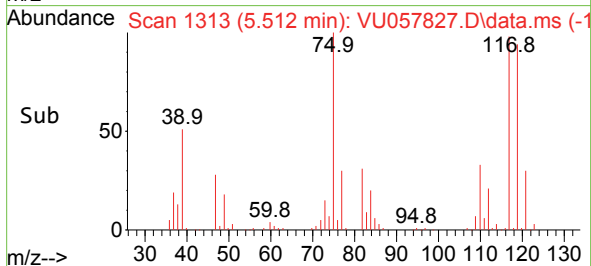
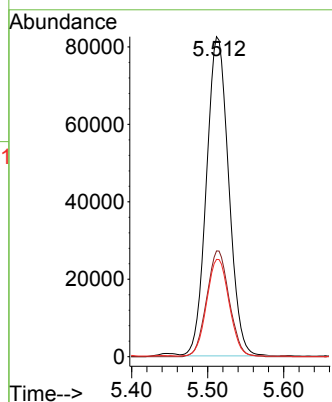
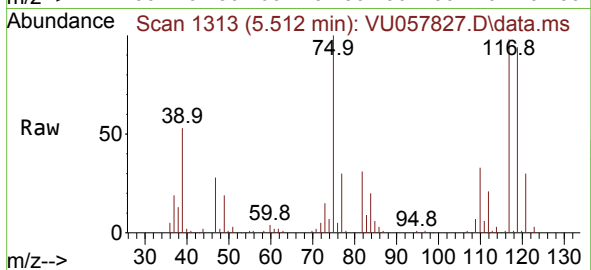
Tgt Ion: 75 Resp: 167564

Ion Ratio Lower Upper

75 100

110 33.6 18.0 54.0

77 30.6 24.7 37.1



#30

Carbon Tetrachloride

Concen: 10.713 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

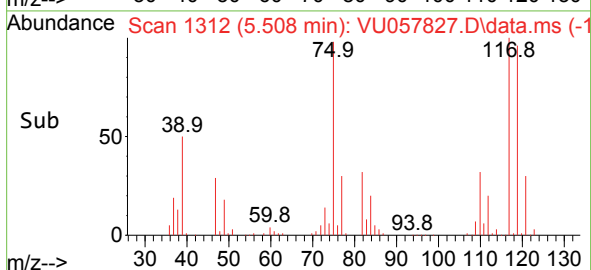
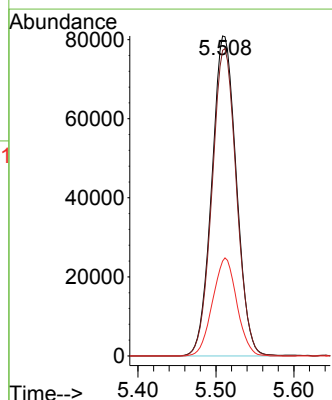
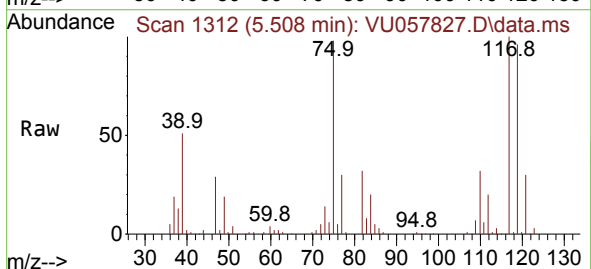
Tgt Ion: 117 Resp: 177432

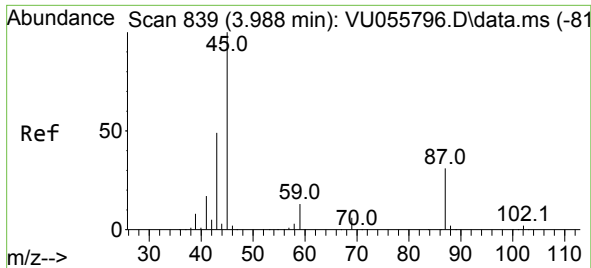
Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

121 29.6 24.0 36.0

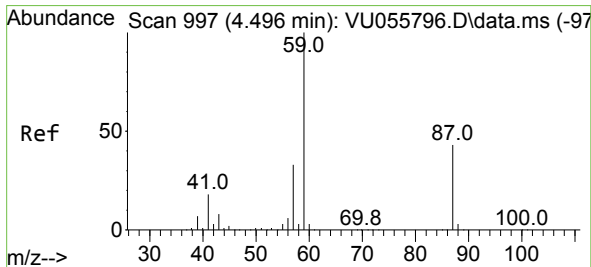
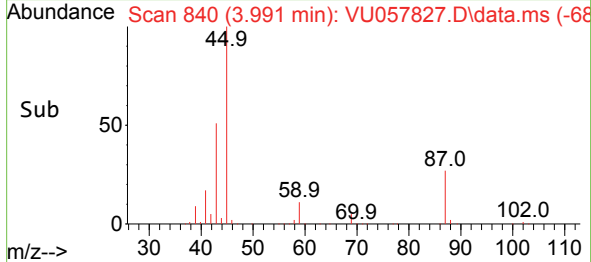
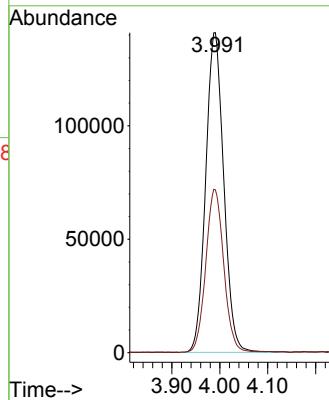
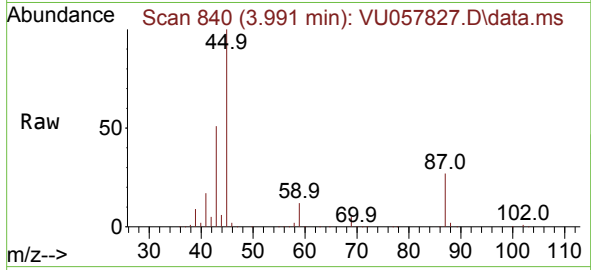




#31
Isopropyl Ether
Concen: 11.197 ug/l
RT: 3.991 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

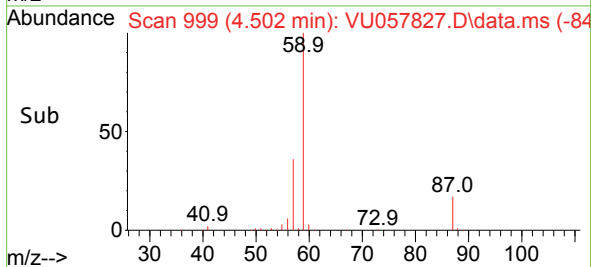
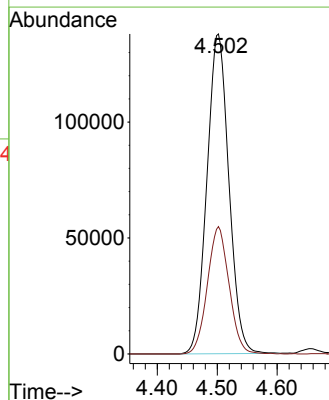
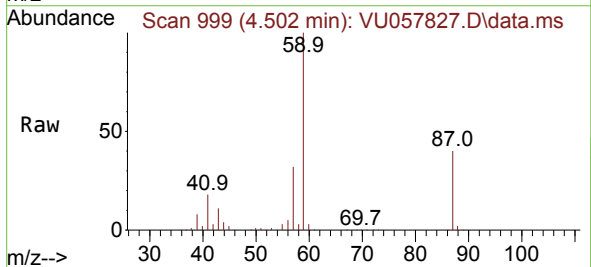
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

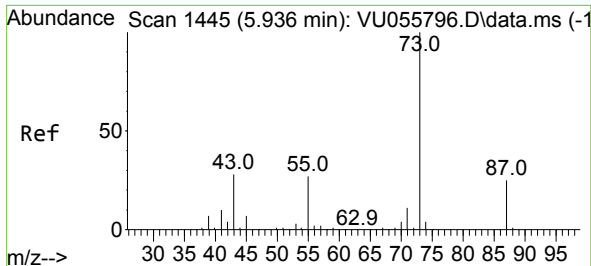
Tgt Ion: 45 Resp: 367726
Ion Ratio Lower Upper
45 100
43 50.9 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 10.844 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 59 Resp: 350263
Ion Ratio Lower Upper
59 100
87 39.1 33.5 50.3

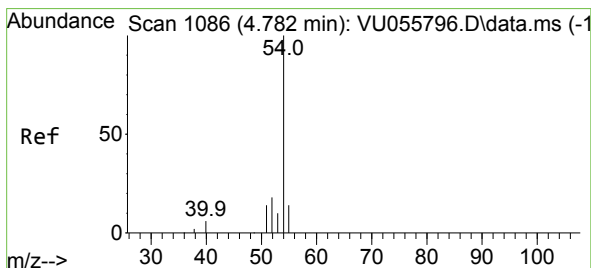
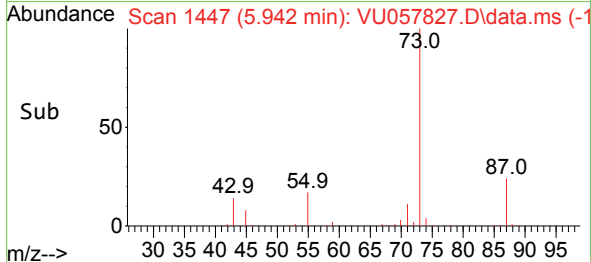
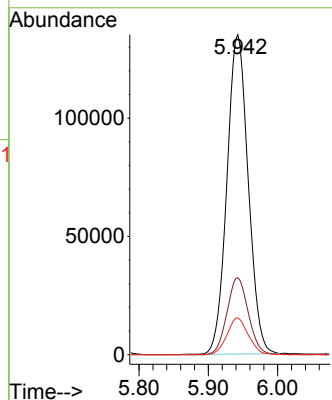
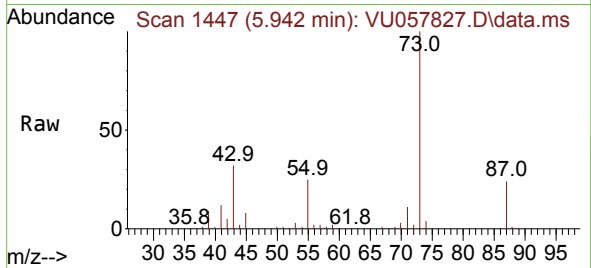




#33
Tert-Amyl methyl ether
Concen: 10.645 ug/l
RT: 5.942 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

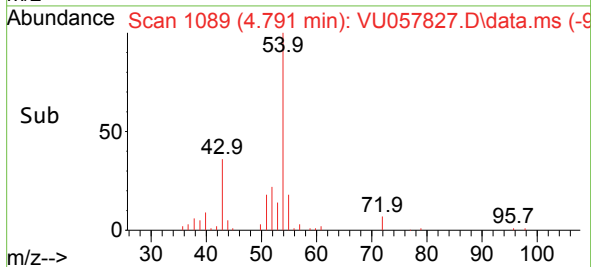
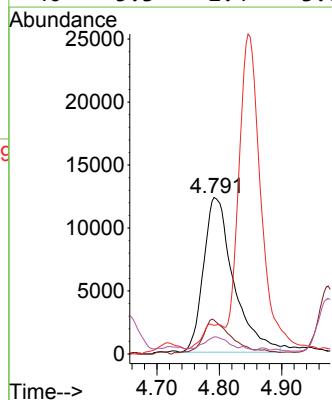
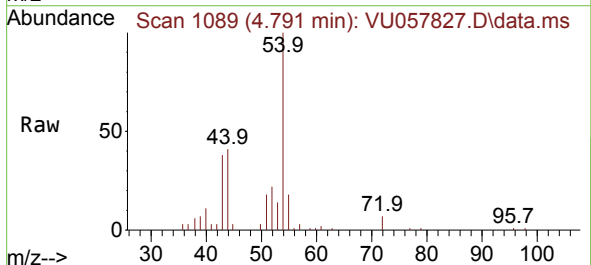
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

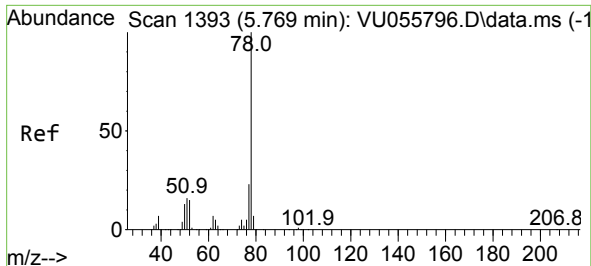
Tgt Ion: 73 Resp: 287865
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.6 9.9 14.9



#34
Propionitrile
Concen: 54.325 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 54 Resp: 41220
Ion Ratio Lower Upper
54 100
52 22.3 17.4 26.0
55 6.4 104.1 156.1#
40 5.3 2.4 3.6#

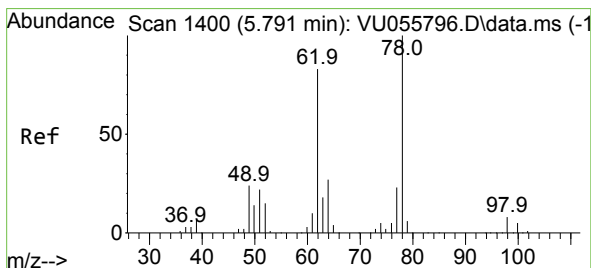
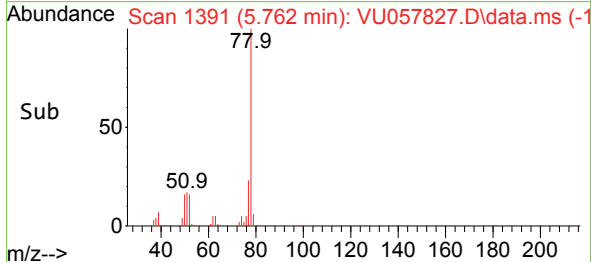
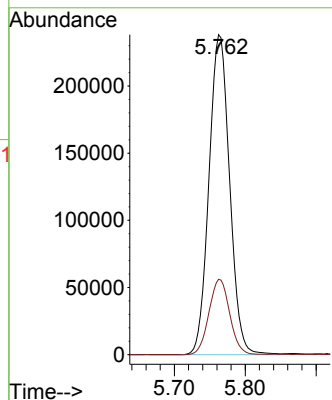
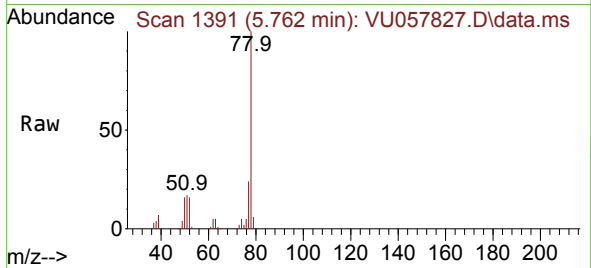




#35
Benzene
Concen: 10.601 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

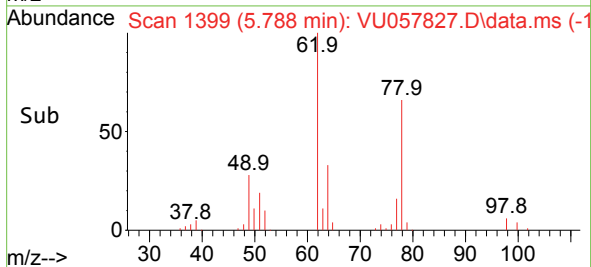
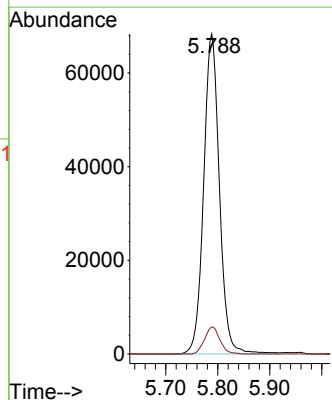
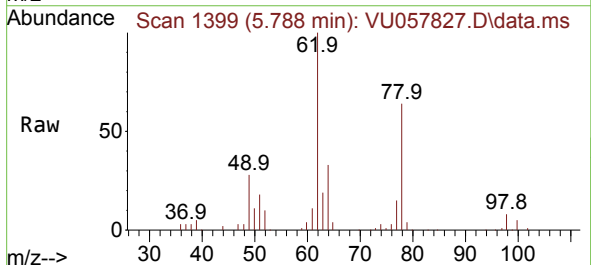
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

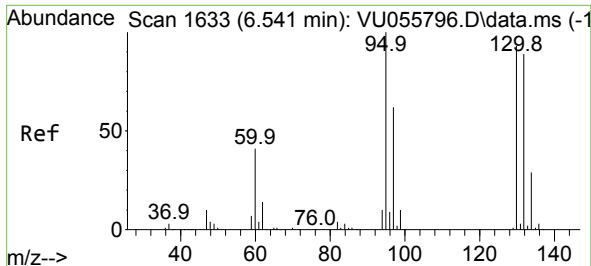
Tgt Ion: 78 Resp: 482197
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#36
1,2-Dichloroethane
Concen: 10.822 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 62 Resp: 143927
Ion Ratio Lower Upper
62 100
98 8.2 7.3 10.9





#37

Trichloroethene

Concen: 10.688 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

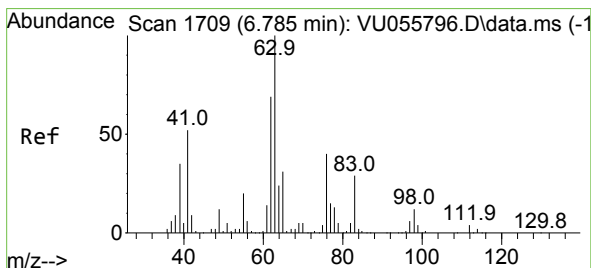
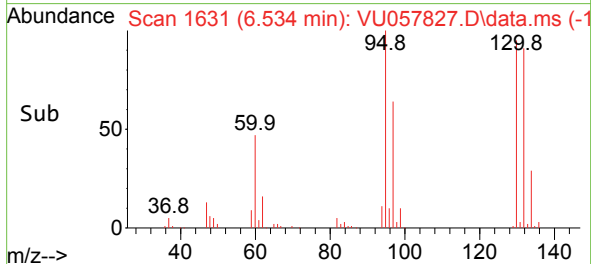
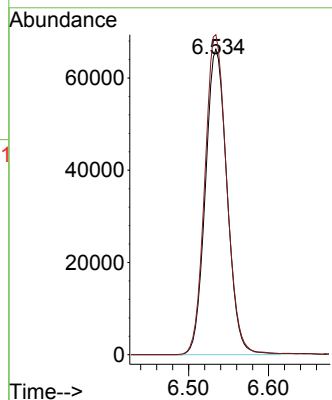
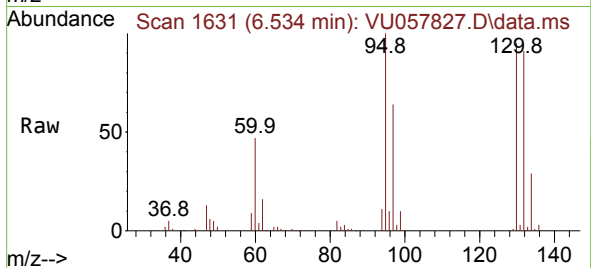
VSTDCCC010EC

Tgt Ion:130 Resp: 125178

Ion Ratio Lower Upper

130 100

95 104.6 85.0 127.6



#38

1,2-Dichloropropane

Concen: 11.050 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU057827.D

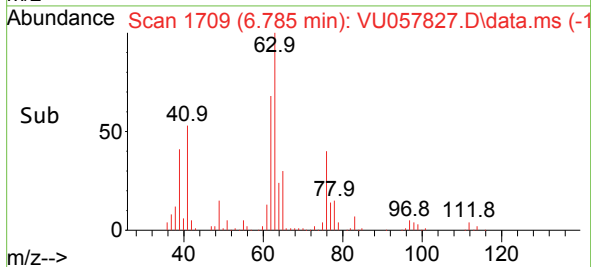
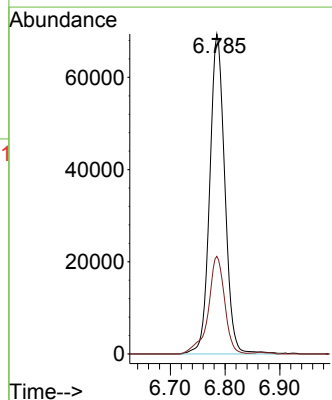
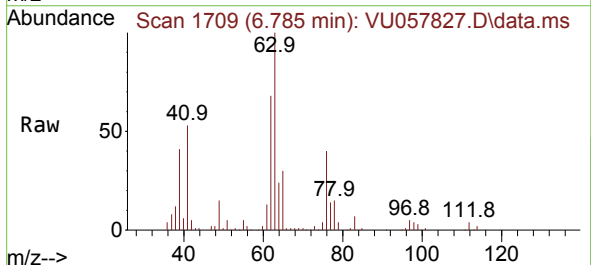
Acq: 06 Feb 2024 18:12

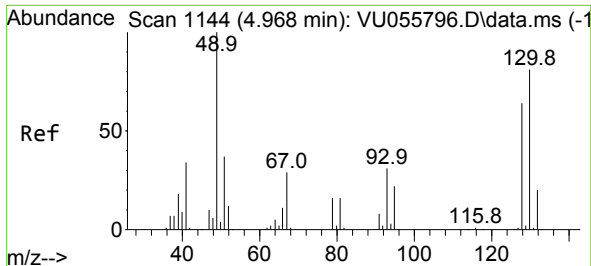
Tgt Ion: 63 Resp: 132919

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3





#39

Methacrylonitrile

Concen: 11.399 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VU057827.D

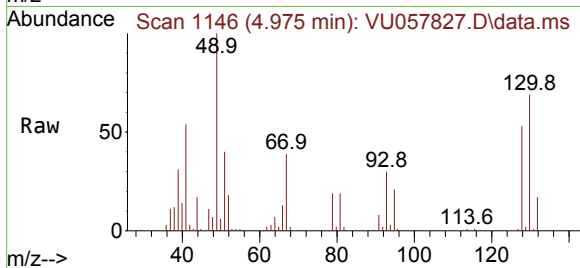
Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 41 Resp: 37691

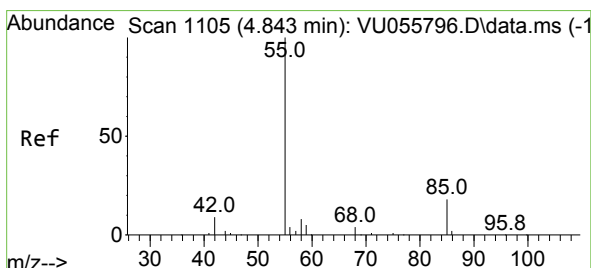
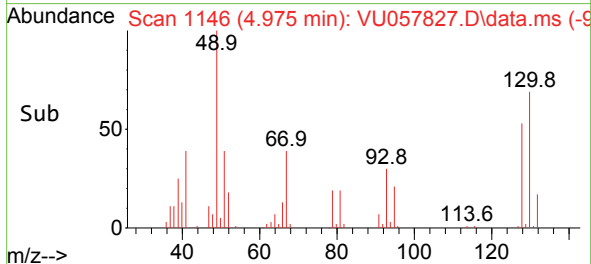
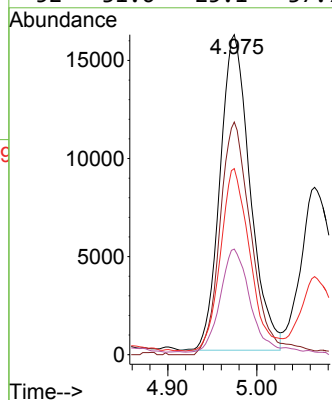
Ion Ratio Lower Upper

41 100

67 77.3 66.8 100.2

39 56.6 41.2 61.8

52 31.6 25.1 37.7



#40

Methyl acrylate

Concen: 11.309 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Tgt Ion: 55 Resp: 62282

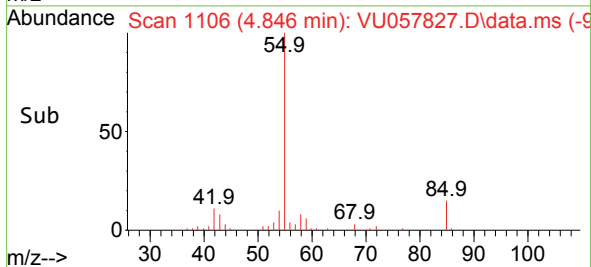
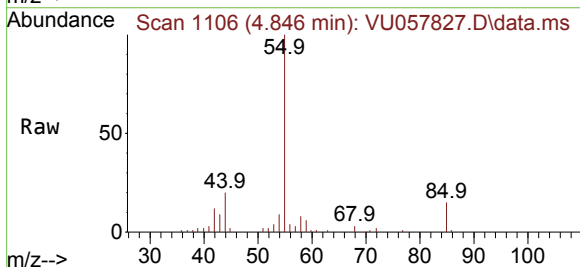
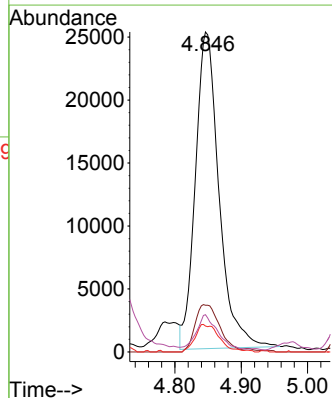
Ion Ratio Lower Upper

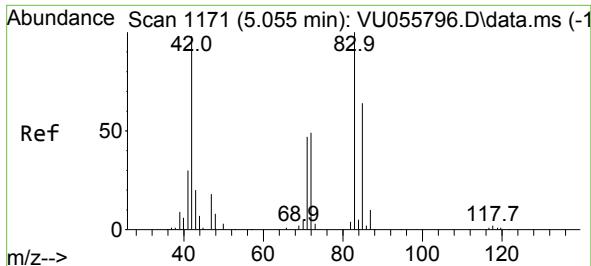
55 100

85 15.5 13.3 19.9

58 8.8 6.5 9.7

42 9.5 5.9 8.9#

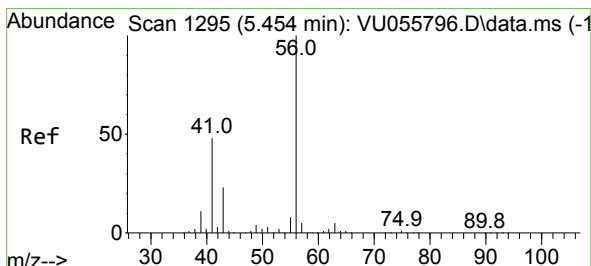
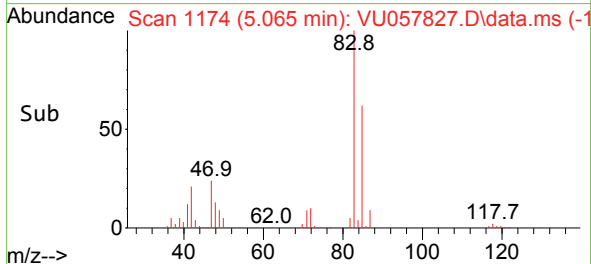
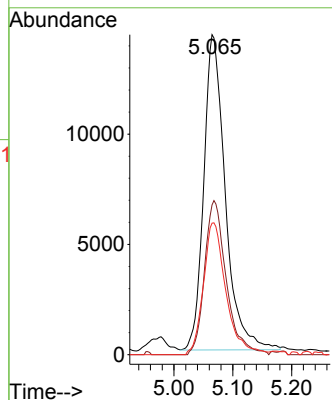
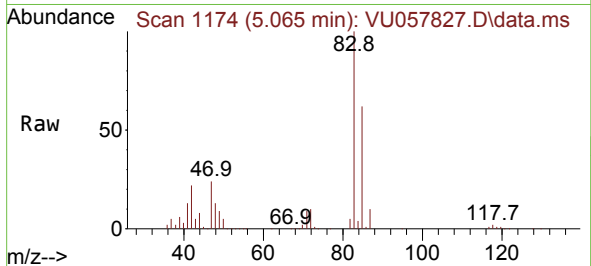




#41
Tetrahydrofuran
Concen: 22.123 ug/l
RT: 5.065 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

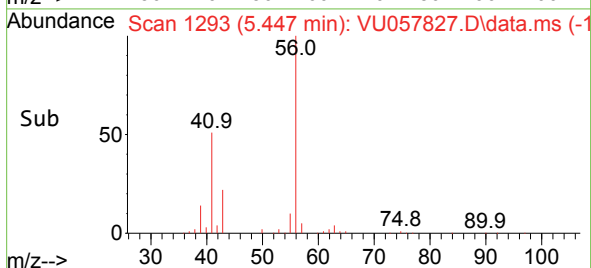
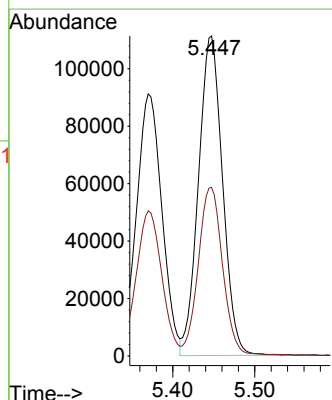
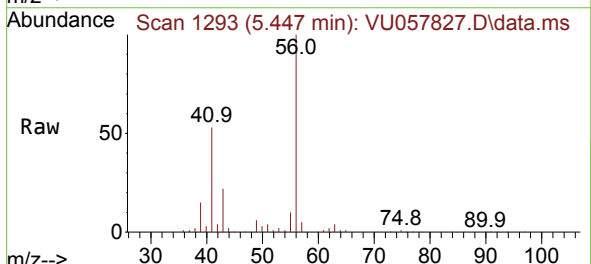
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

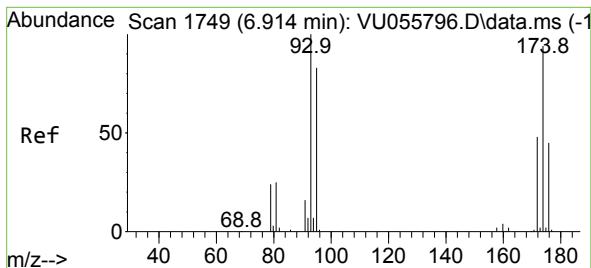
Tgt Ion: 42 Resp: 36449
Ion Ratio Lower Upper
42 100
72 49.1 40.9 61.3
71 43.7 36.9 55.3



#42
1-Chlorobutane
Concen: 10.768 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 56 Resp: 227054
Ion Ratio Lower Upper
56 100
41 52.5 25.2 75.6





#43

Dibromomethane

Concen: 10.908 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

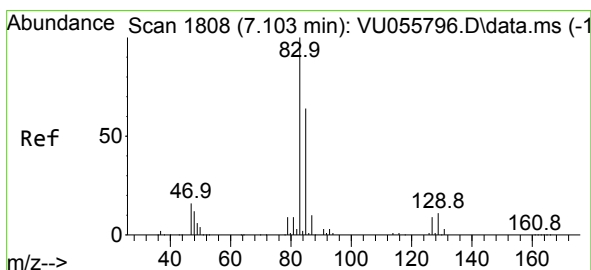
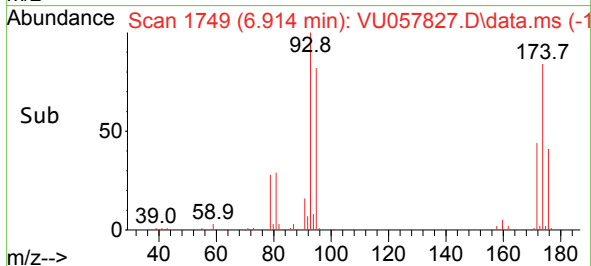
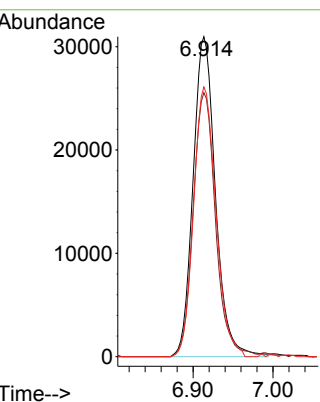
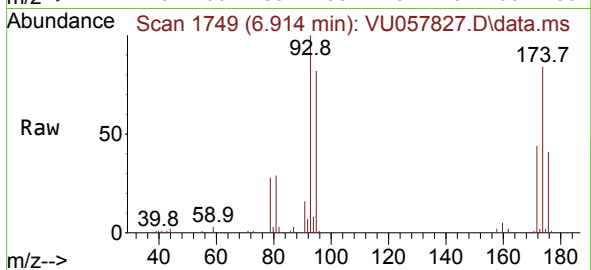
Tgt Ion: 93 Resp: 60249

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

174 84.1 73.8 110.6



#44

Bromodichloromethane

Concen: 10.855 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

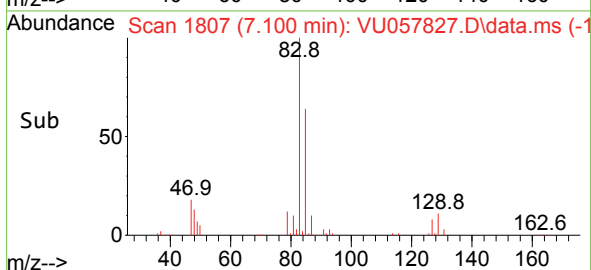
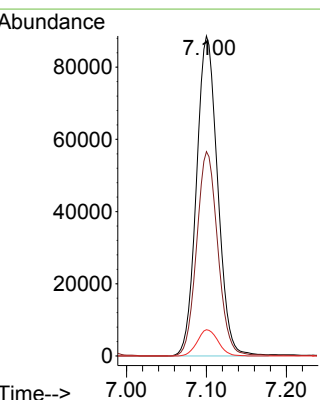
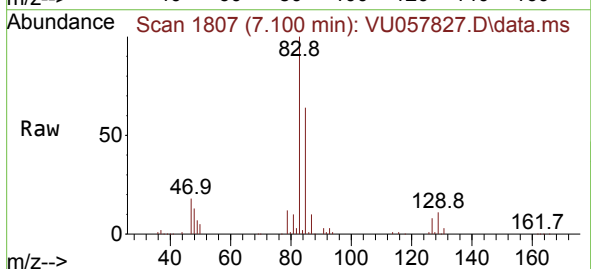
Tgt Ion: 83 Resp: 162964

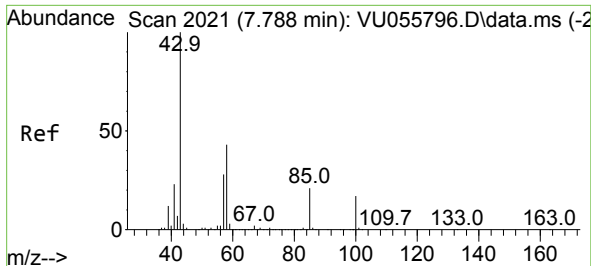
Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

127 9.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 53.123 ug/l

RT: 7.794 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

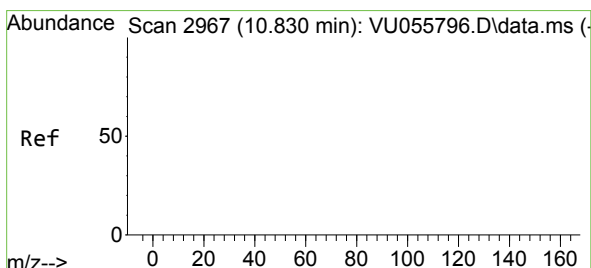
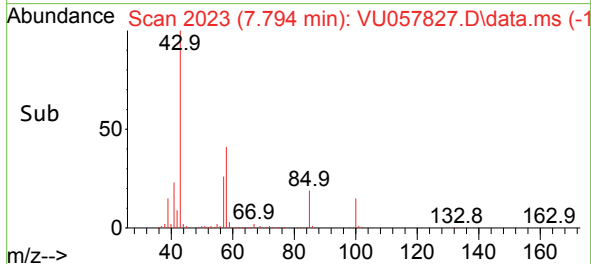
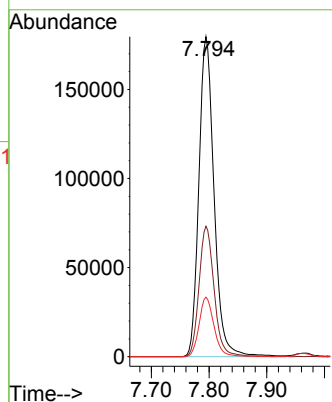
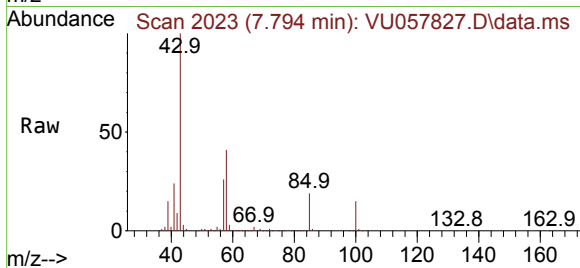
Tgt Ion: 43 Resp: 327987

Ion Ratio Lower Upper

43 100

58 40.6 20.9 62.8

85 18.4 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 79.271 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.016 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Tgt Ion: 75 Resp: 131266

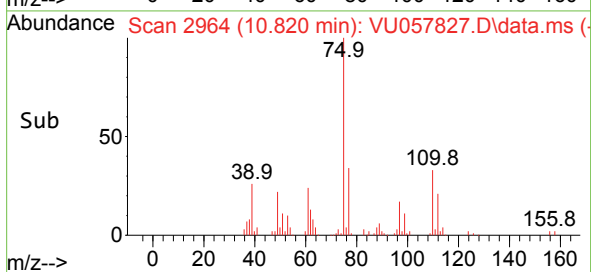
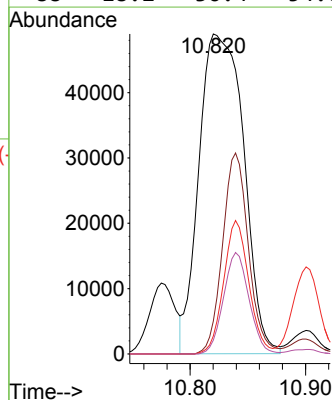
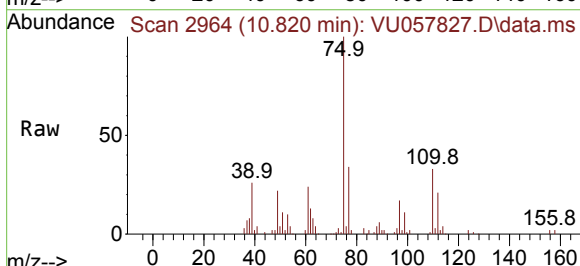
Ion Ratio Lower Upper

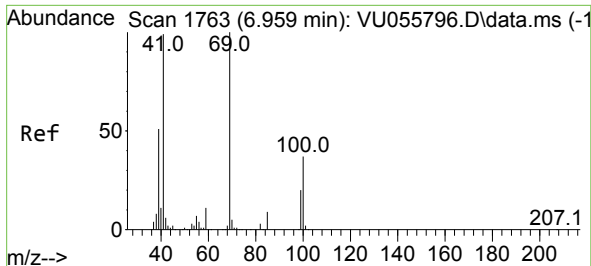
75 100

53 36.6 73.3 109.9#

89 23.6 48.2 72.4#

88 18.2 36.4 54.6#





#47

Methyl methacrylate

Concen: 22.042 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057827.D

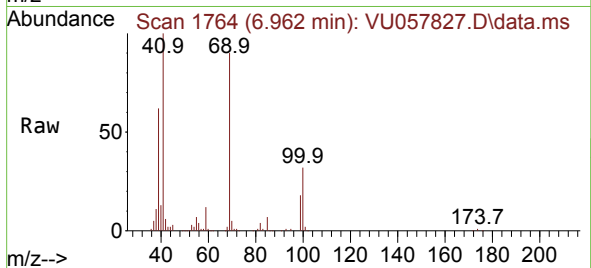
Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 111607

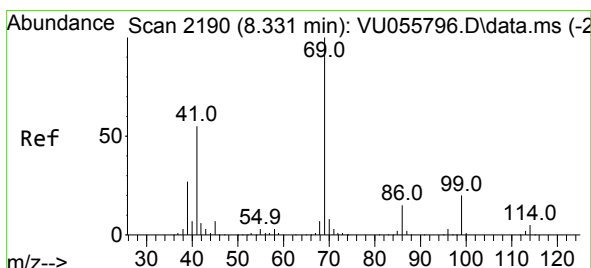
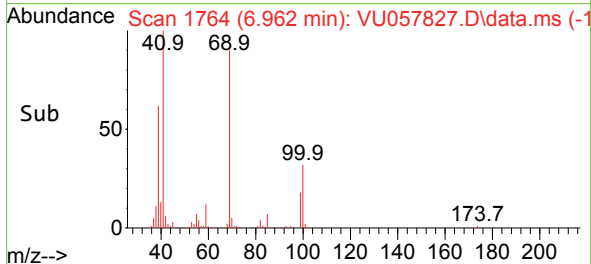
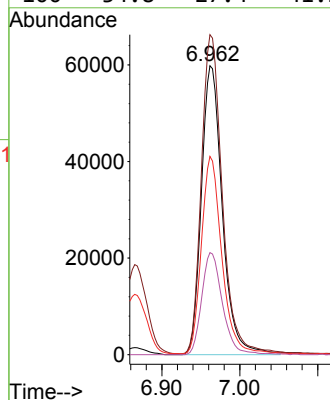
Ion Ratio Lower Upper

69 100

41 110.5 0.0 209.2

39 66.7 46.7 70.1

100 34.8 27.4 41.2



#48

Ethyl methacrylate

Concen: 10.892 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU057827.D

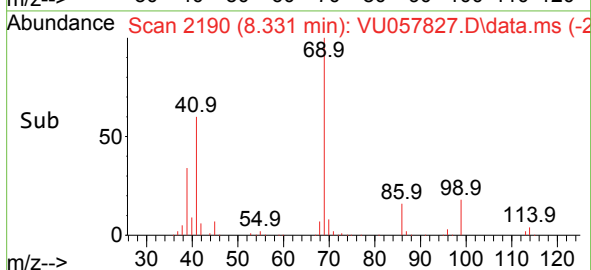
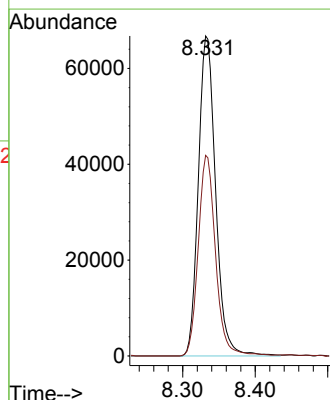
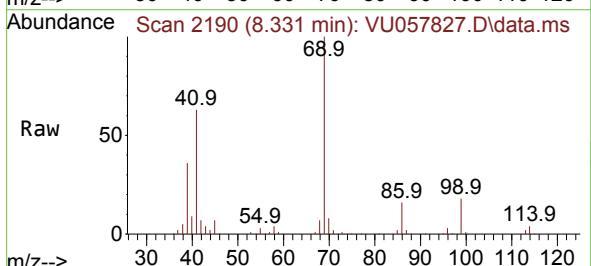
Acq: 06 Feb 2024 18:12

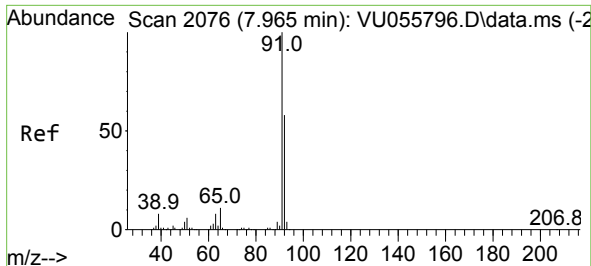
Tgt Ion: 69 Resp: 110632

Ion Ratio Lower Upper

69 100

41 62.9 30.3 90.8

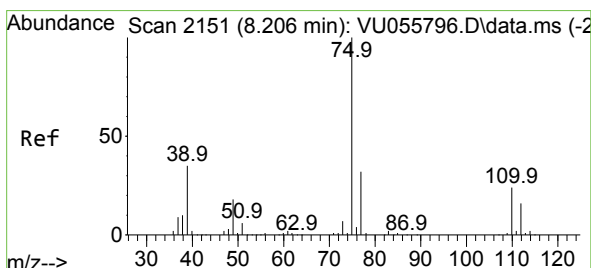
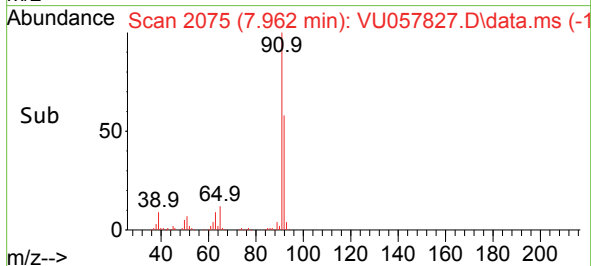
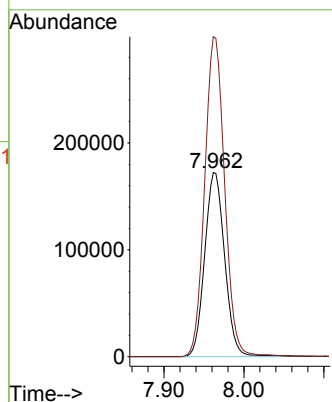
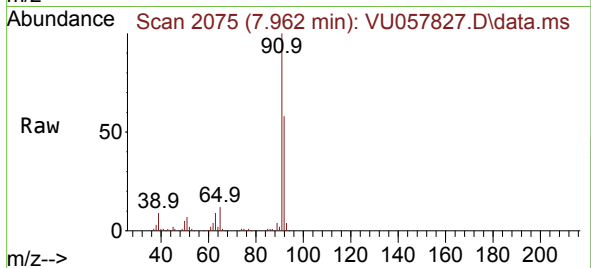




#49
Toluene
Concen: 10.873 ug/l
RT: 7.962 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

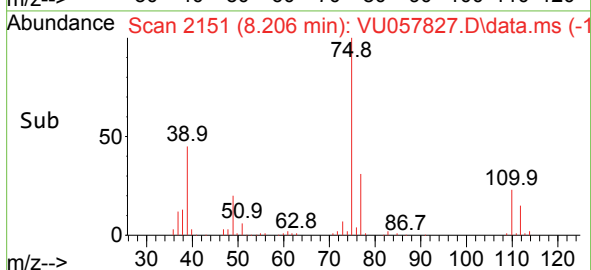
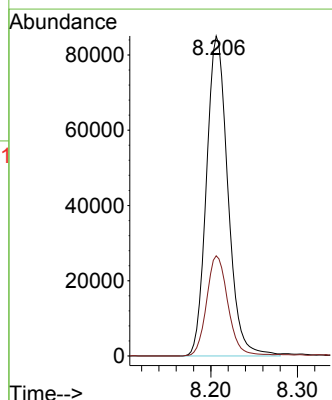
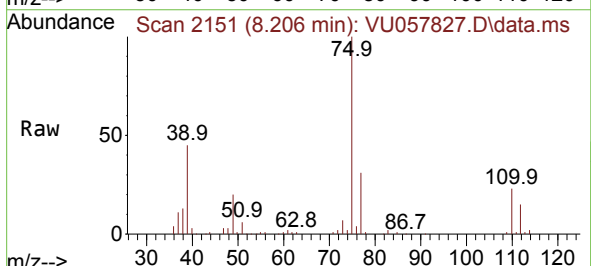
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

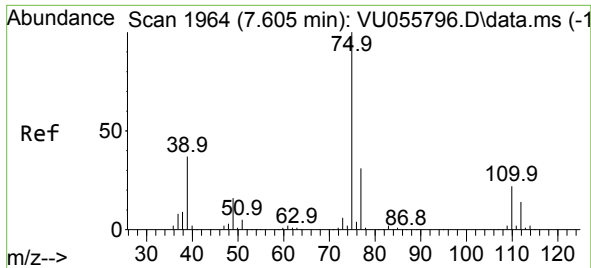
Tgt Ion: 92 Resp: 299038
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.6



#50
t-1,3-Dichloropropene
Concen: 10.712 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 75 Resp: 146231
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

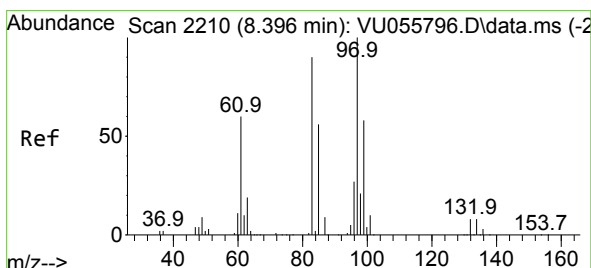
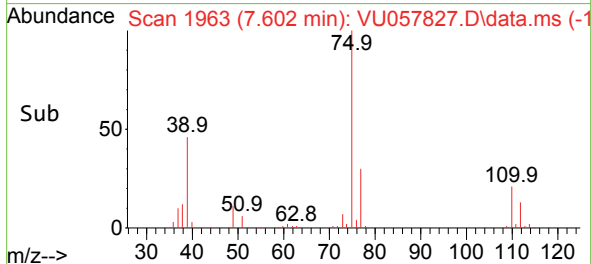
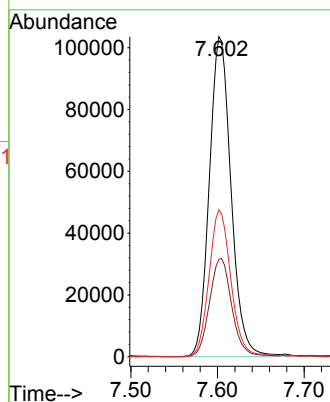
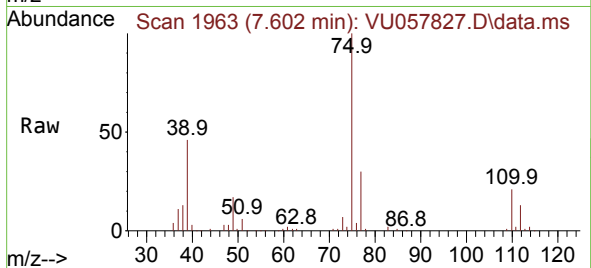




#51
 cis-1,3-Dichloropropene
 Concen: 10.579 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

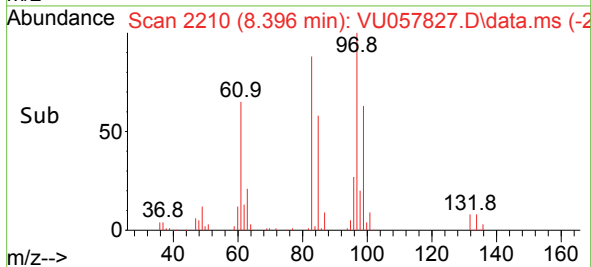
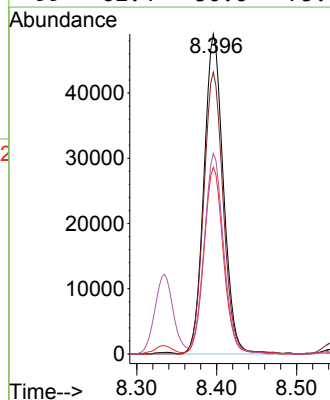
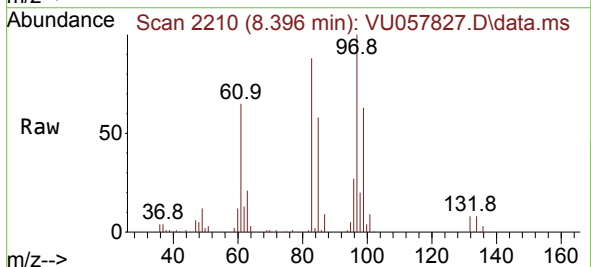
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

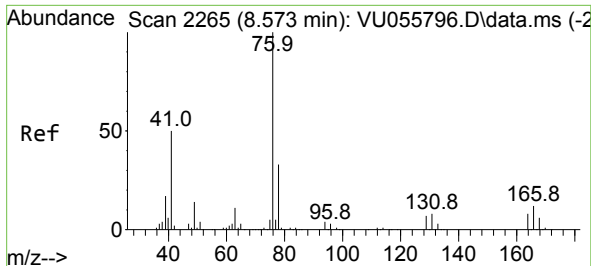
Tgt Ion: 75 Resp: 180147
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5
 39 45.8 32.8 49.2



#52
 1,1,2-Trichloroethane
 Concen: 10.948 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

Tgt Ion: 97 Resp: 83222
 Ion Ratio Lower Upper
 97 100
 83 88.1 71.8 107.8
 85 58.1 45.2 67.8
 99 62.4 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.738 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

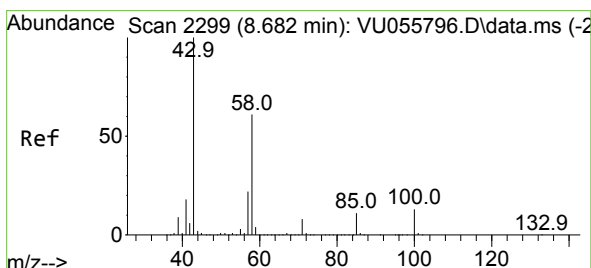
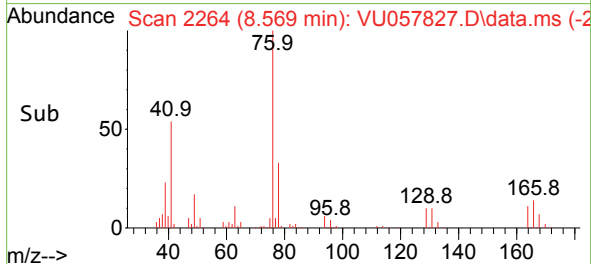
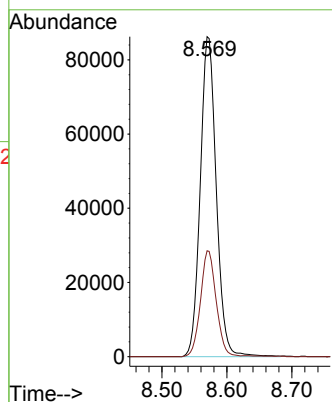
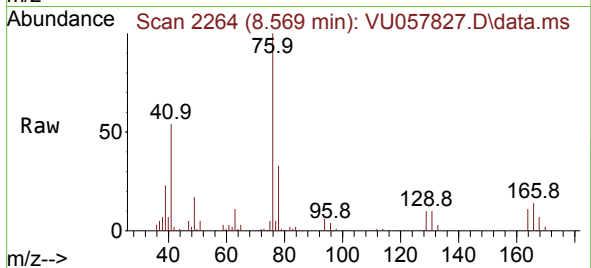
VSTDCCC010EC

Tgt Ion: 76 Resp: 148203

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#54

2-Hexanone

Concen: 51.053 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

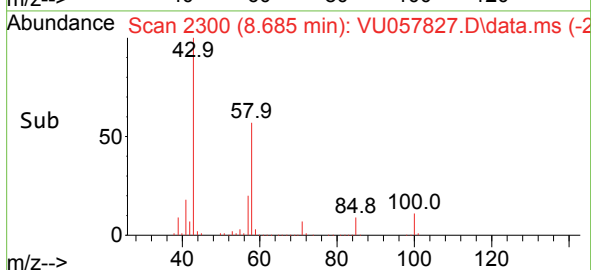
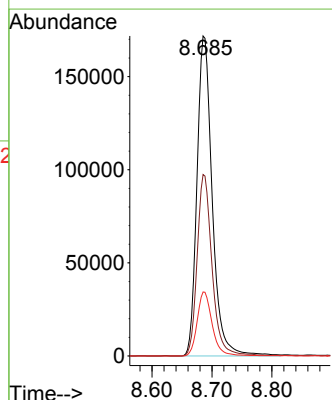
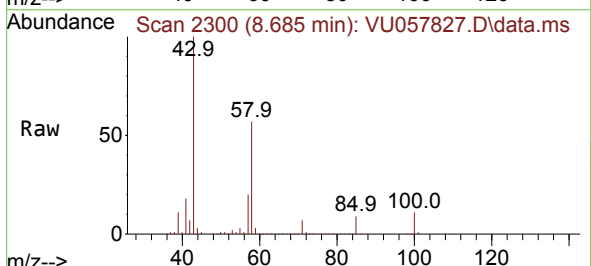
Tgt Ion: 43 Resp: 305204

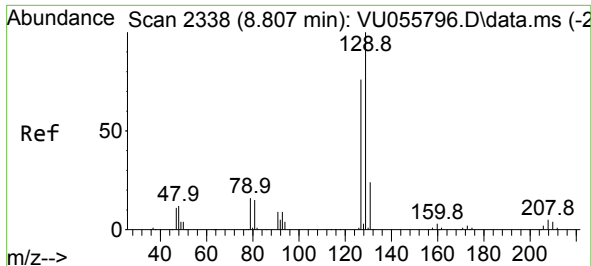
Ion Ratio Lower Upper

43 100

58 55.3 38.2 78.2

57 19.7 0.0 39.1

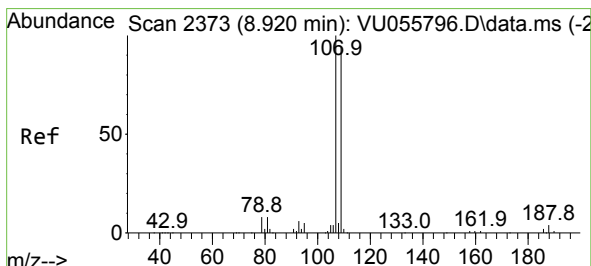
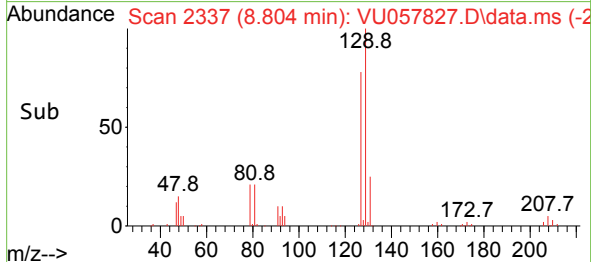
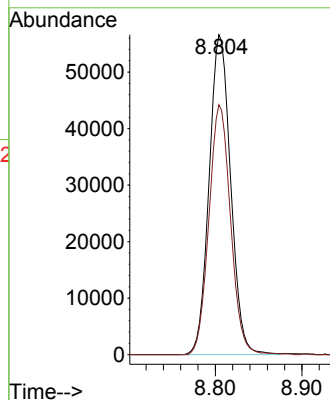
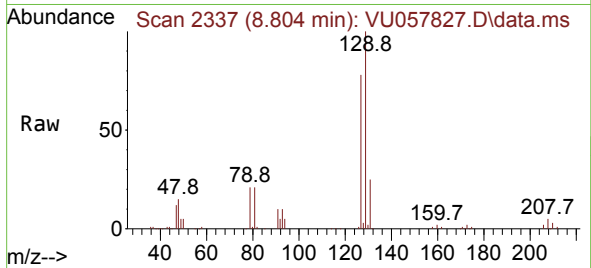




#55
Dibromochloromethane
Concen: 10.770 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

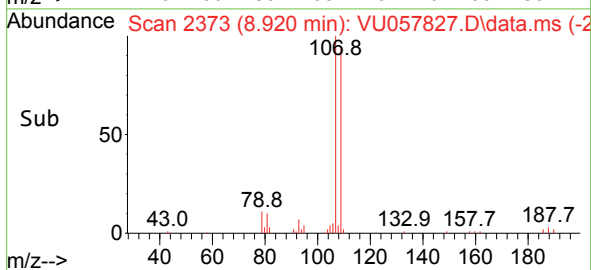
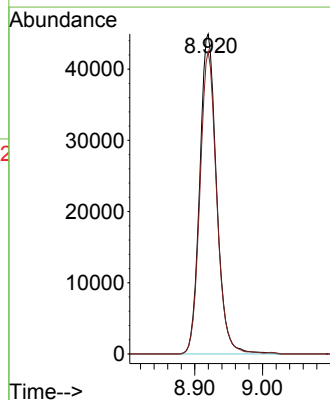
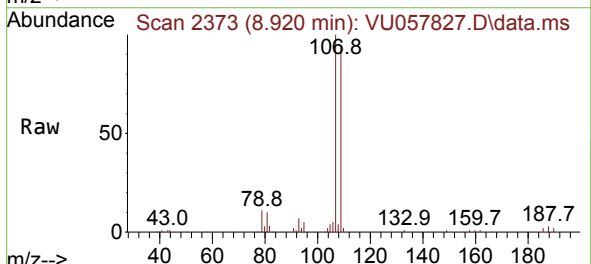
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

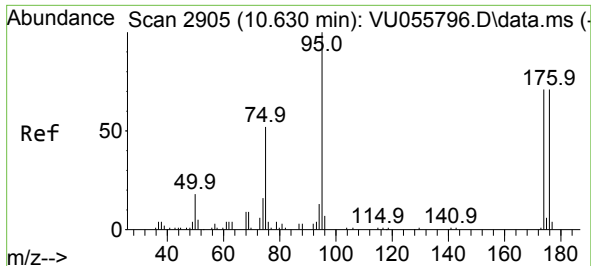
Tgt Ion:129 Resp: 97814
Ion Ratio Lower Upper
129 100
127 78.5 61.4 92.0



#56
1,2-Dibromoethane
Concen: 10.895 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:107 Resp: 77588
Ion Ratio Lower Upper
107 100
109 93.3 0.0 184.4

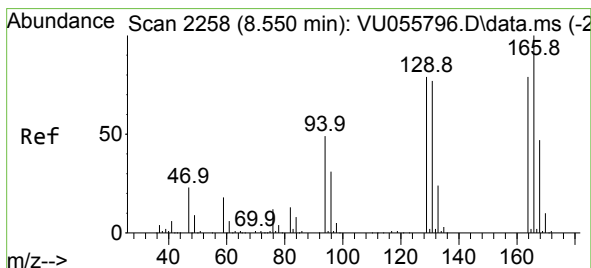
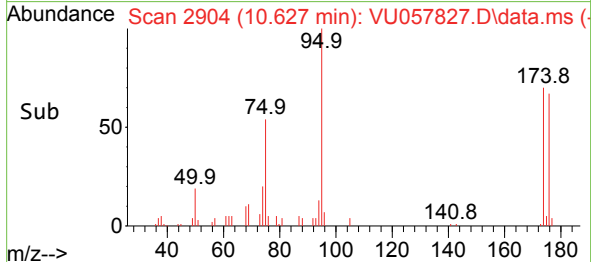
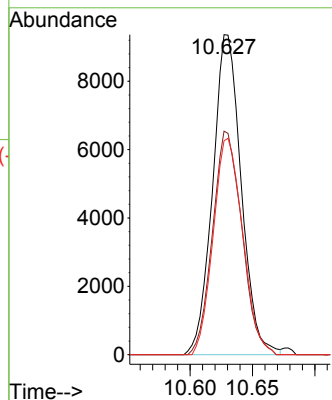
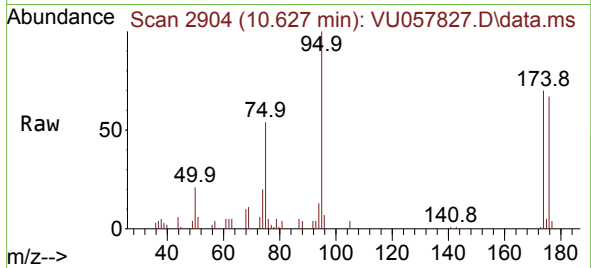




#57
4-Bromofluorobenzene
Concen: 0.999 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

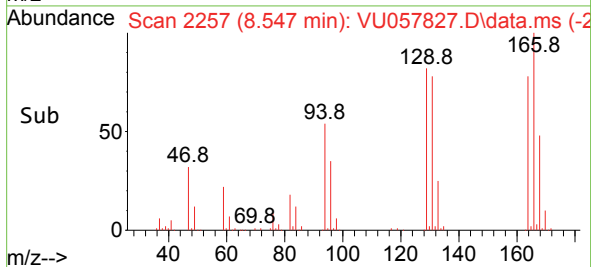
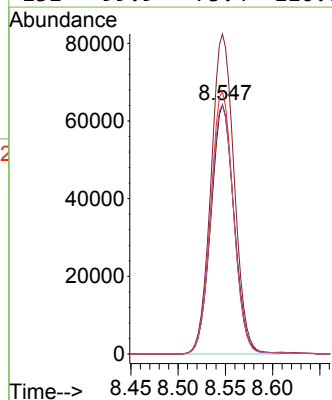
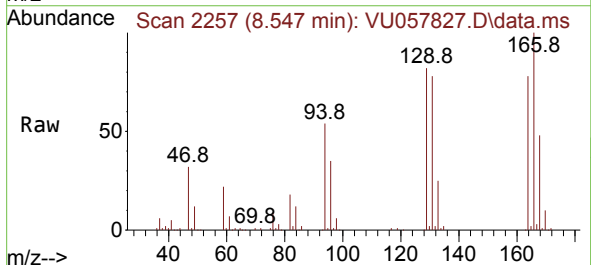
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

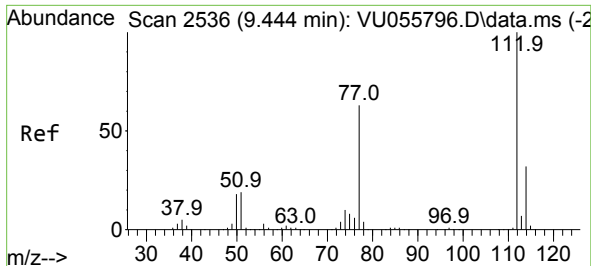
Tgt Ion: 95 Resp: 14940
Ion Ratio Lower Upper
95 100
174 71.5 63.3 94.9
176 69.6 59.3 88.9



#58
Tetrachloroethene
Concen: 10.721 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:164 Resp: 108916
Ion Ratio Lower Upper
164 100
166 128.4 99.6 149.4
129 105.3 78.6 117.8
131 99.9 73.4 110.0





#59

Chlorobenzene

Concen: 10.711 ug/l

RT: 9.441 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

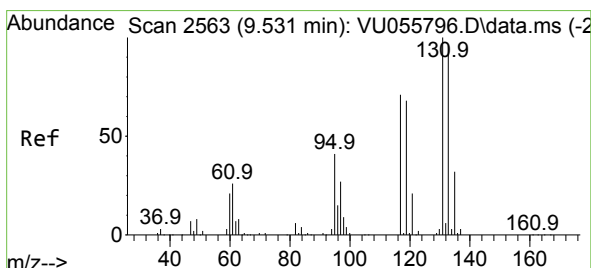
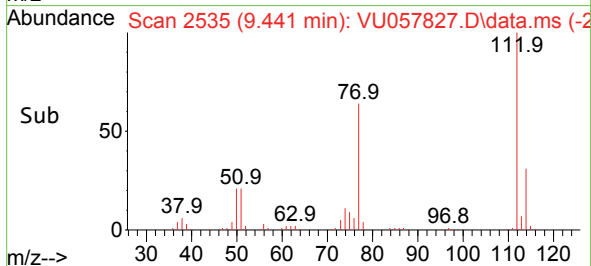
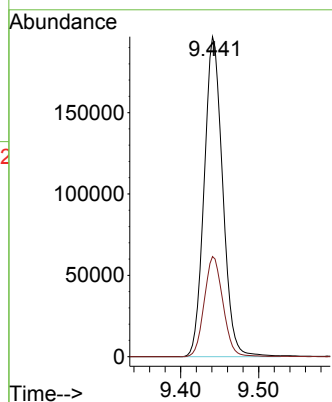
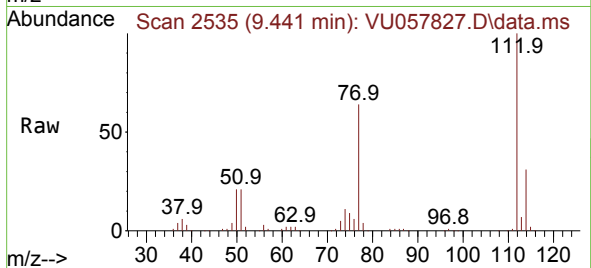
VSTDCCC010EC

Tgt Ion:112 Resp: 323941

Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 10.953 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

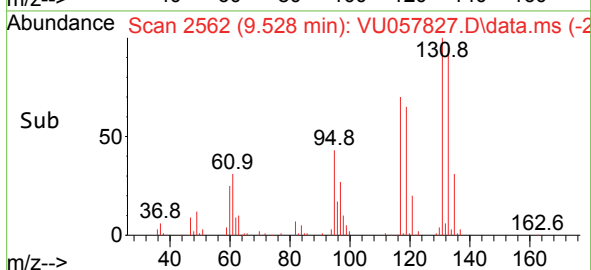
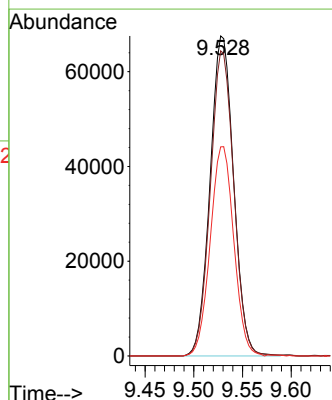
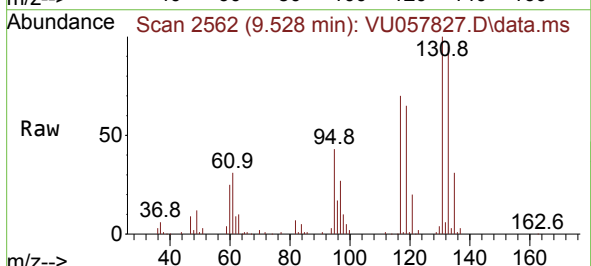
Tgt Ion:131 Resp: 113558

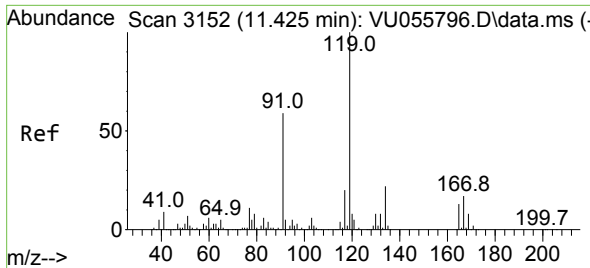
Ion Ratio Lower Upper

131 100

133 95.1 77.8 116.6

119 65.4 55.2 82.8

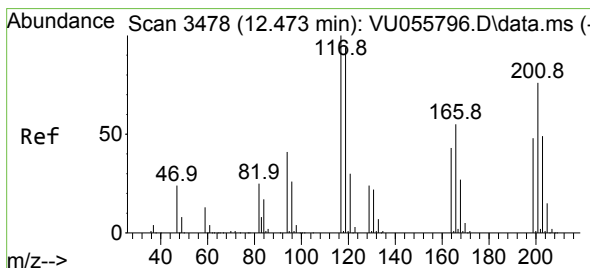
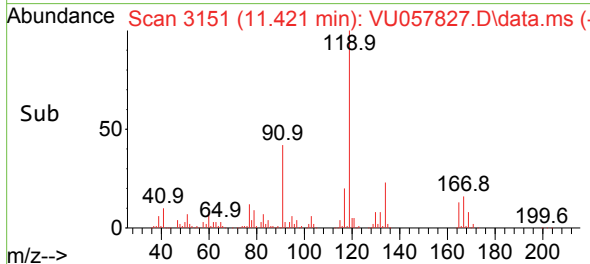
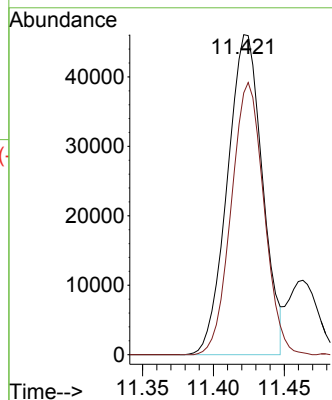
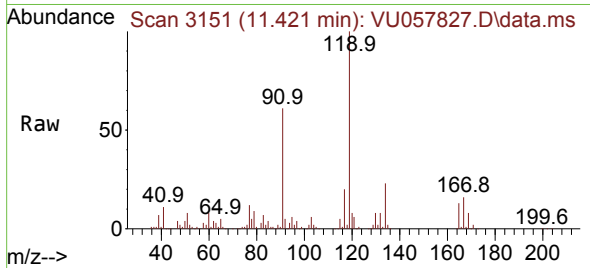




#61
Pentachloroethane
Concen: 10.383 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

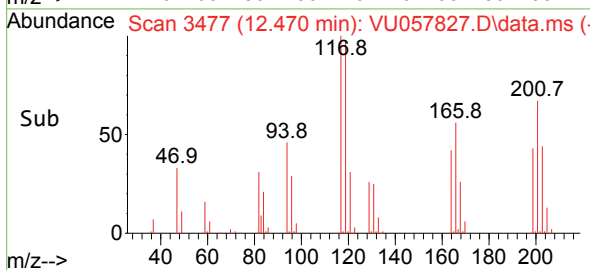
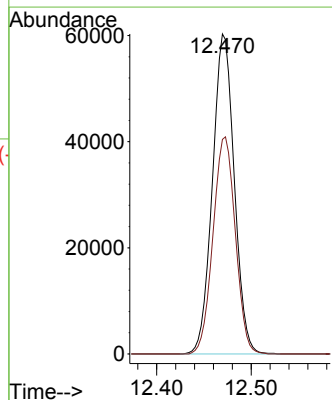
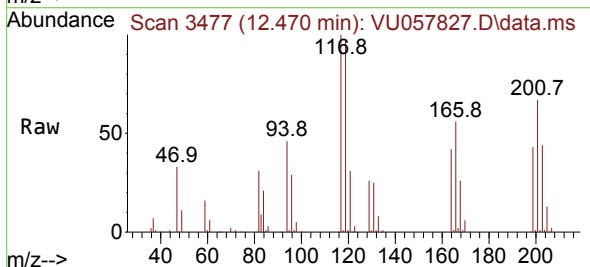
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

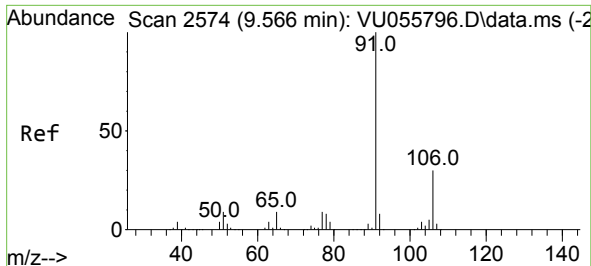
Tgt Ion:117 Resp: 79366
Ion Ratio Lower Upper
117 100
167 79.3 56.7 85.1



#62
Hexachloroethane
Concen: 10.913 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:117 Resp: 96676
Ion Ratio Lower Upper
117 100
201 69.3 59.6 89.4

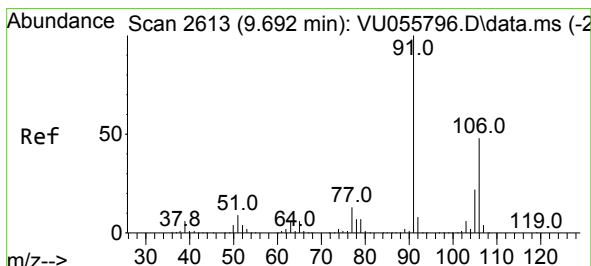
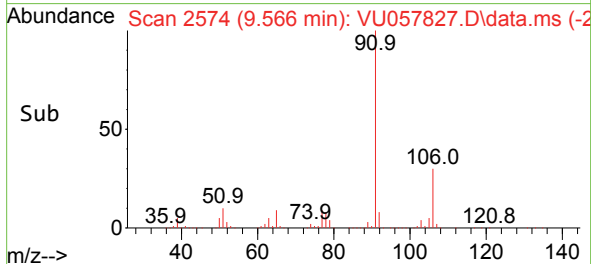
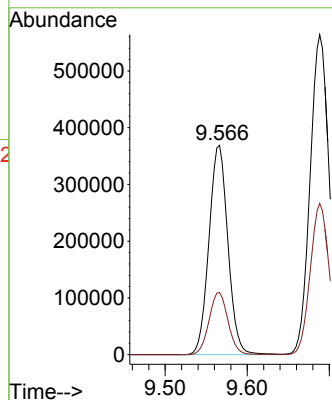
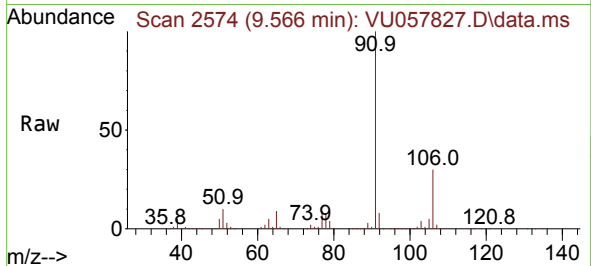




#63
Ethyl Benzene
Concen: 10.910 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

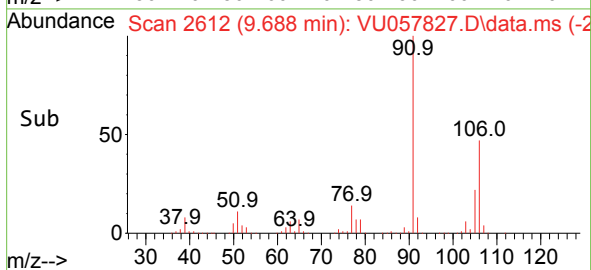
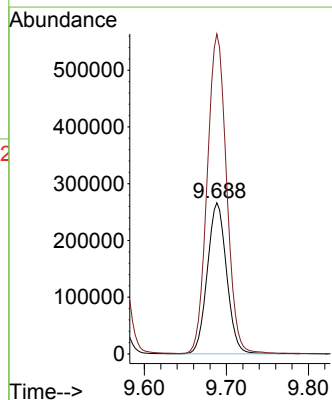
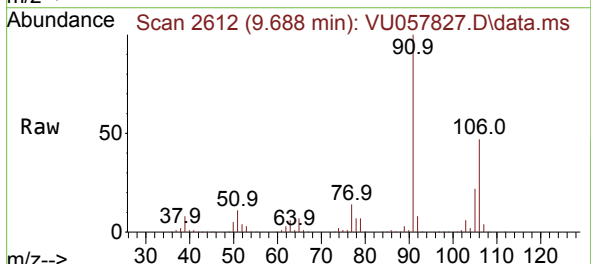
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

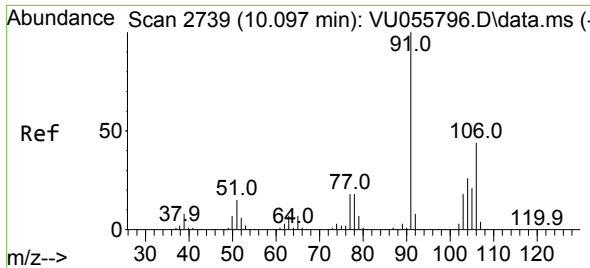
Tgt Ion: 91 Resp: 593796
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2



#64
m/p-Xylenes
Concen: 21.725 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion: 106 Resp: 433218
Ion Ratio Lower Upper
106 100
91 213.4 167.3 250.9

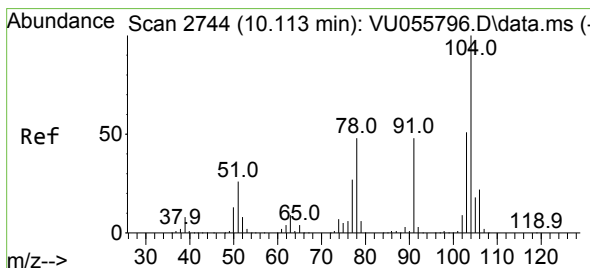
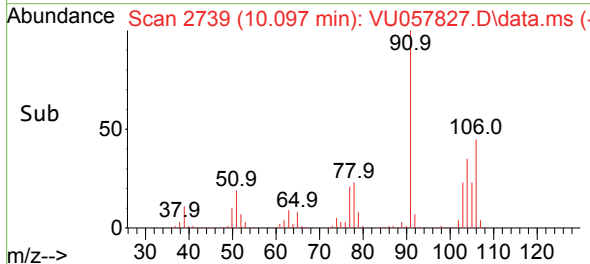
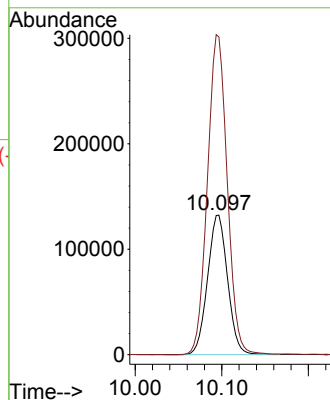
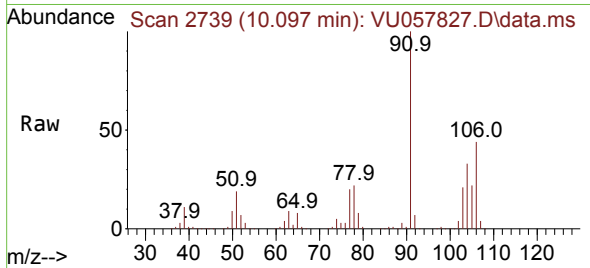




#65
o-Xylene
Concen: 10.735 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

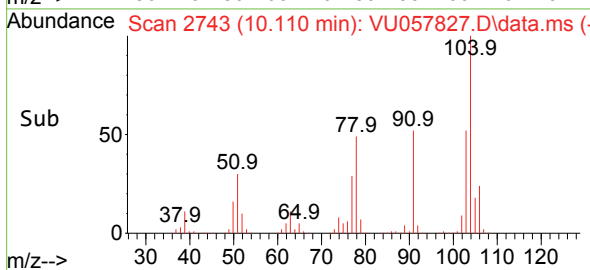
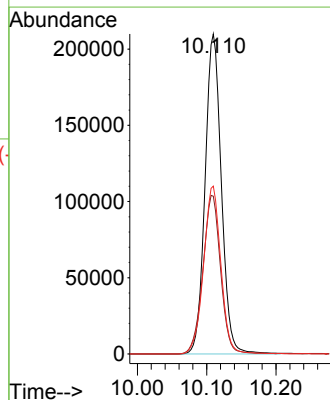
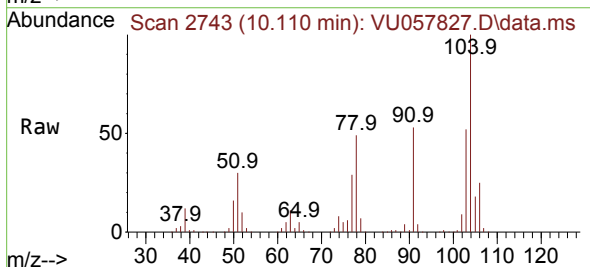
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

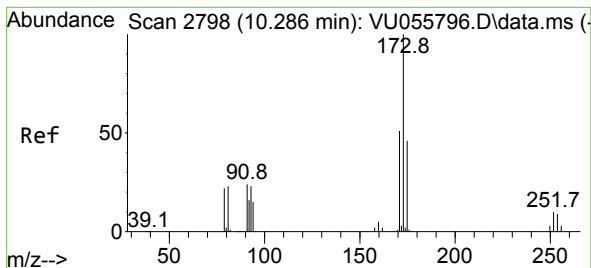
Tgt Ion:106 Resp: 212658
Ion Ratio Lower Upper
106 100
91 227.1 109.3 327.9



#66
Styrene
Concen: 11.192 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:104 Resp: 342396
Ion Ratio Lower Upper
104 100
78 54.0 39.7 59.5
103 55.7 44.8 67.2





#67

Bromoform

Concen: 11.066 ug/l

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

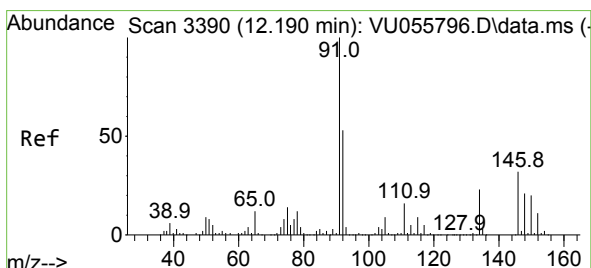
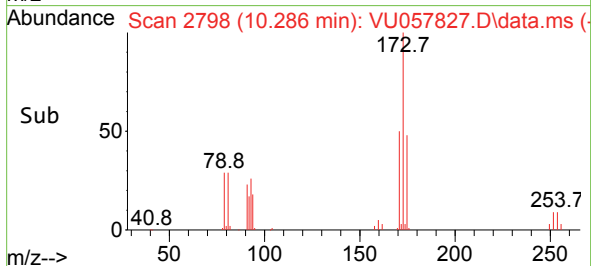
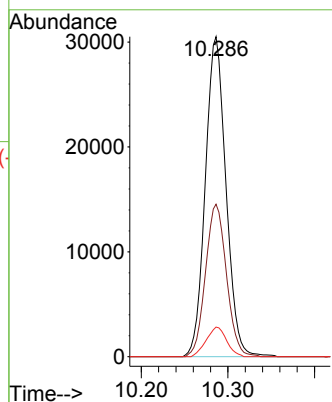
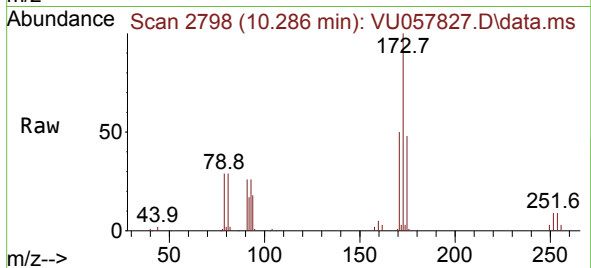
Tgt Ion:173 Resp: 50569

Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

254 9.1 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 1.015 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

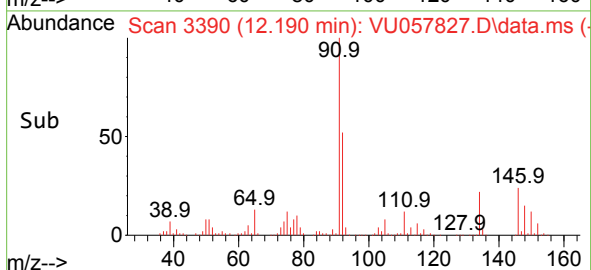
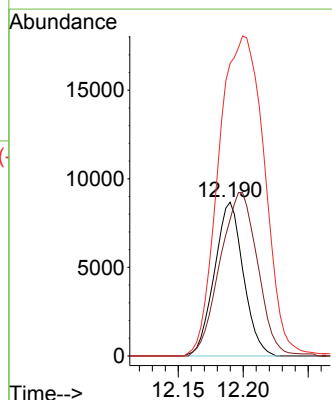
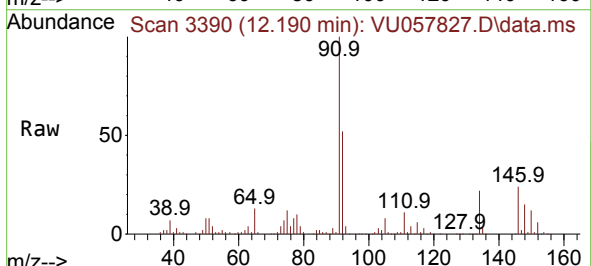
Tgt Ion:152 Resp: 13426

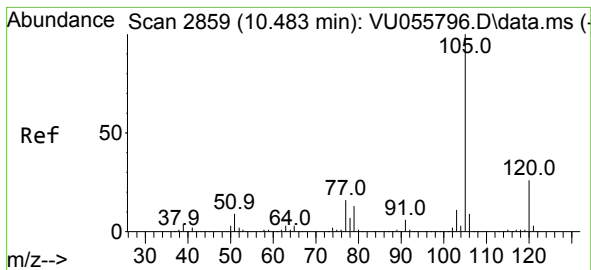
Ion Ratio Lower Upper

152 100

115 138.6 0.0 308.8

150 329.2 0.0 635.0





#69

Isopropylbenzene

Concen: 10.897 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

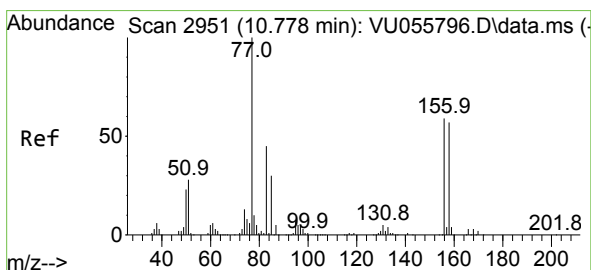
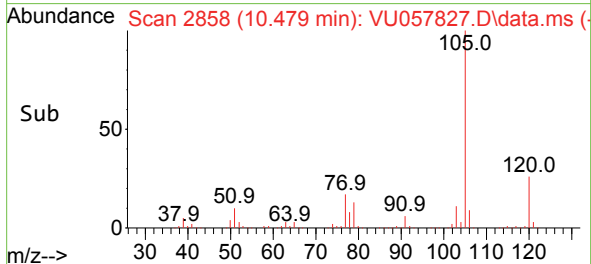
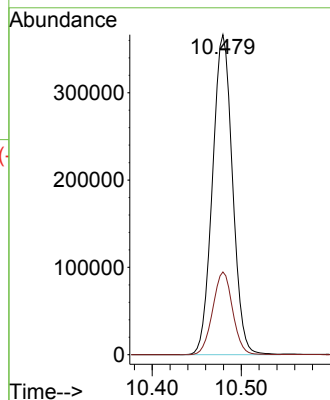
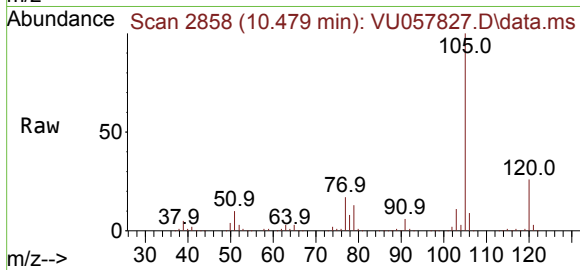
VSTDCCC010EC

Tgt Ion:105 Resp: 572726

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 10.835 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

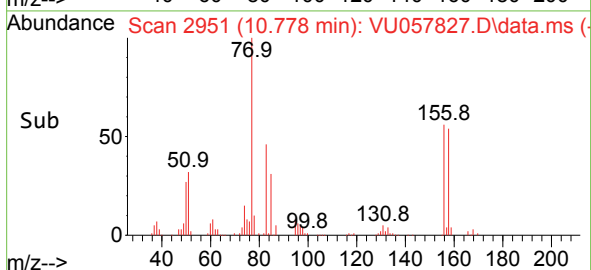
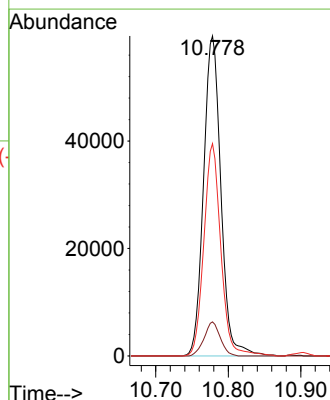
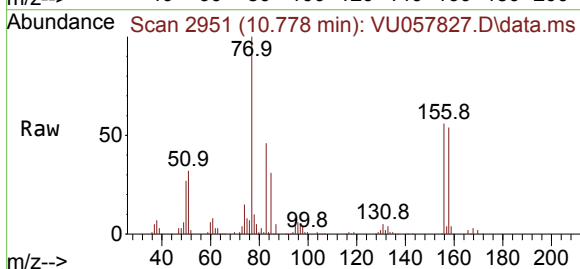
Tgt Ion: 83 Resp: 99184

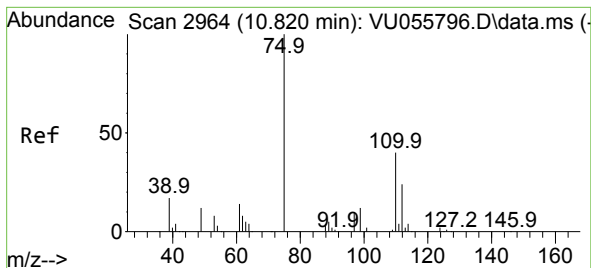
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

85 64.8 50.5 75.7





#71

1,2,3-Trichloropropane

Concen: 16.228 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.013 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 131266

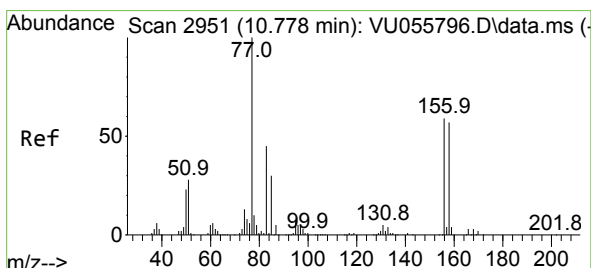
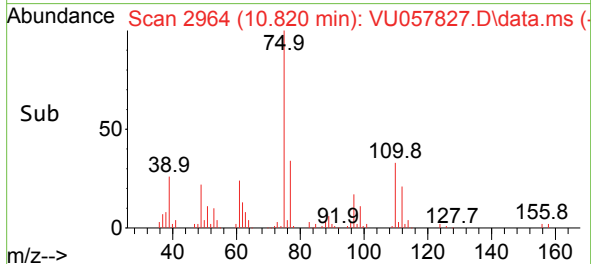
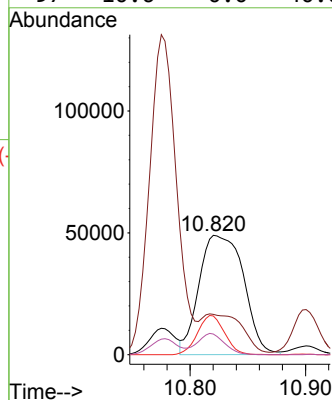
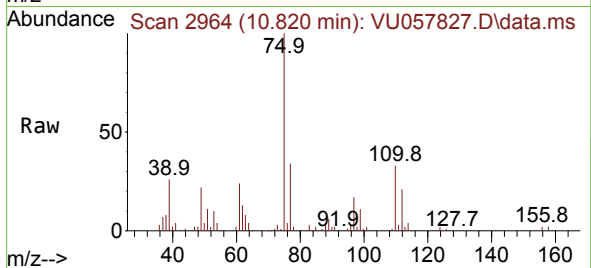
Ion Ratio Lower Upper

75 100

77 0.0 0.0 116.4

110 20.0 0.0 74.6

97 10.6 0.0 40.0



#72

Bromobenzene

Concen: 10.688 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

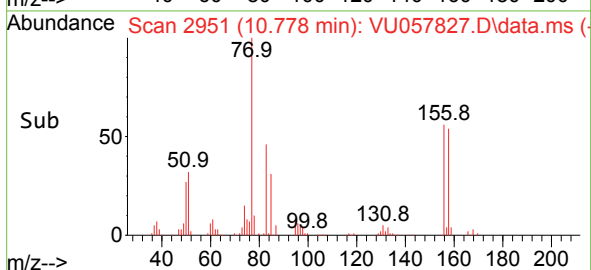
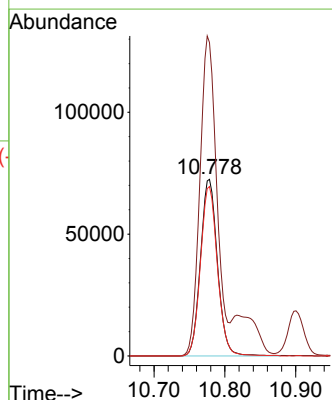
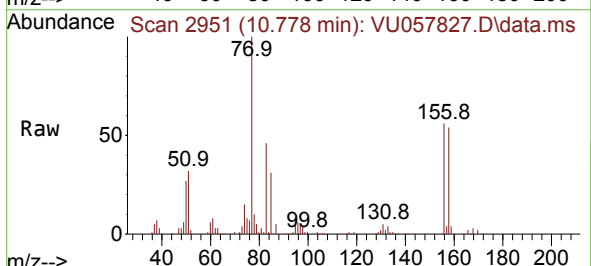
Tgt Ion: 156 Resp: 120343

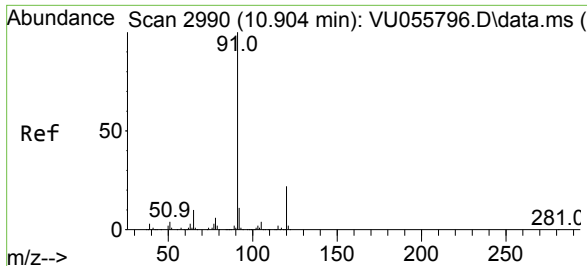
Ion Ratio Lower Upper

156 100

77 180.1 0.0 343.0

158 96.1 0.0 194.8

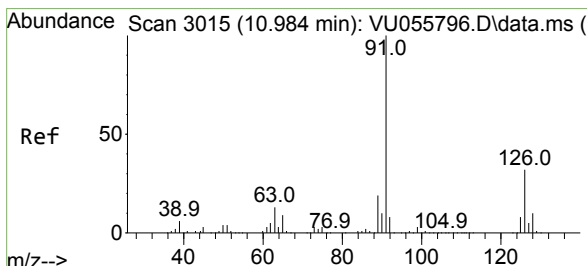
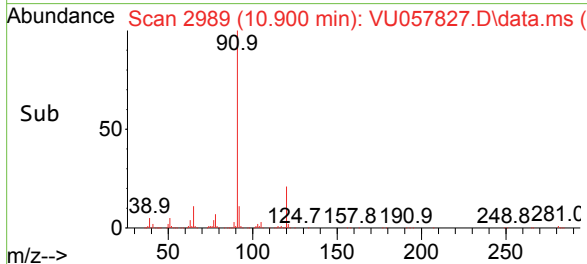
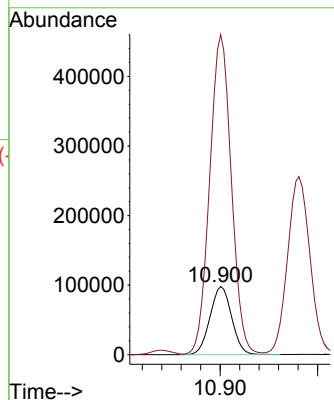
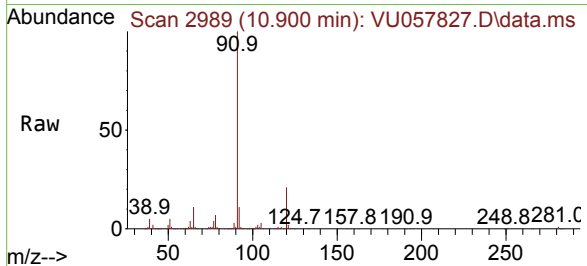




#73
n-propylbenzene
Concen: 11.040 ug/l
RT: 10.900 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

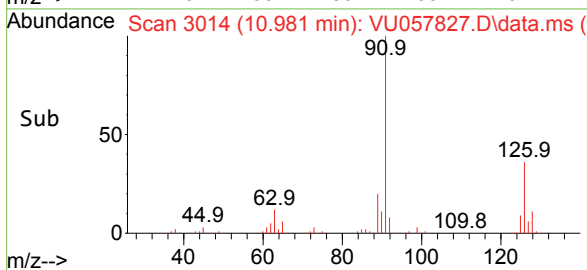
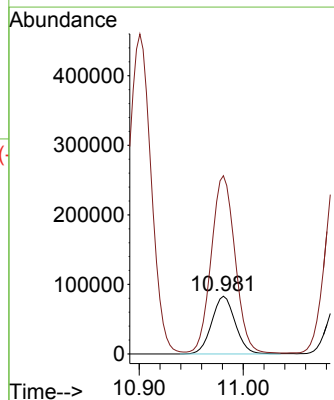
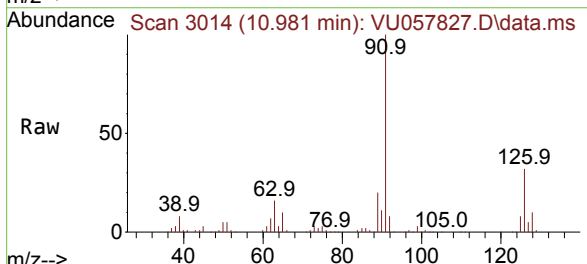
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

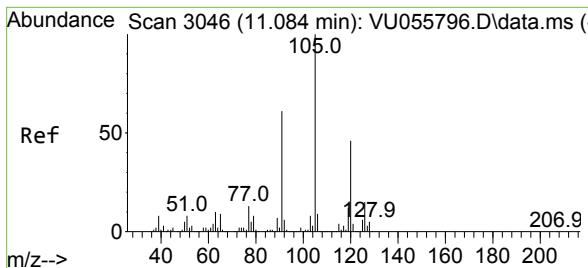
Tgt Ion:120 Resp: 151367
Ion Ratio Lower Upper
120 100
91 465.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 10.880 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:126 Resp: 130312
Ion Ratio Lower Upper
126 100
91 310.9 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 11.003 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

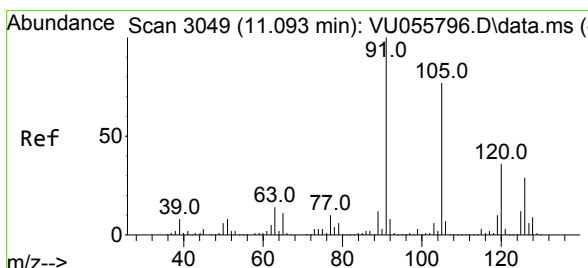
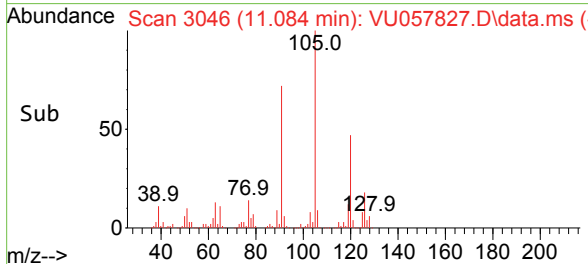
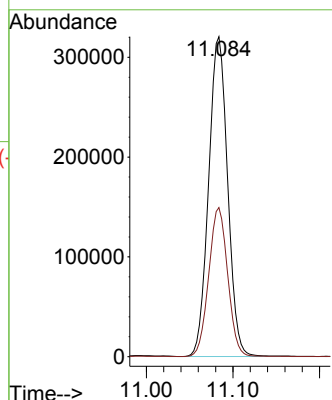
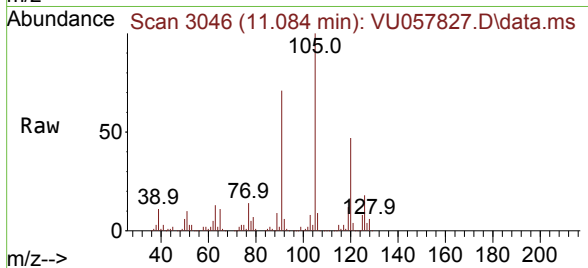
VSTDCCC010EC

Tgt Ion:105 Resp: 488770

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8



#76

4-Chlorotoluene

Concen: 11.031 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VU057827.D

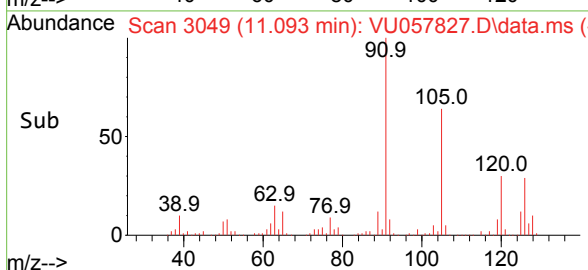
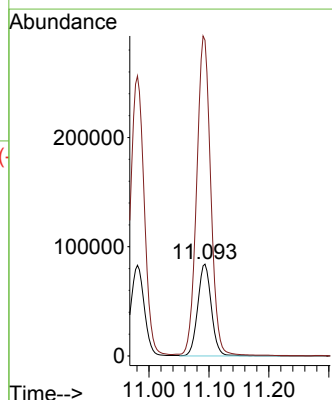
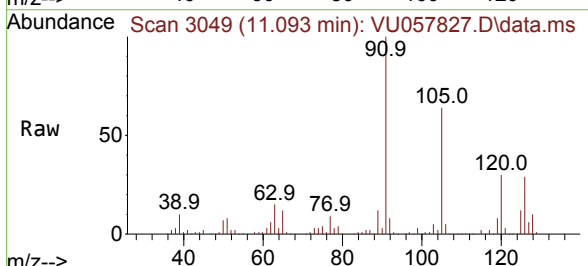
Acq: 06 Feb 2024 18:12

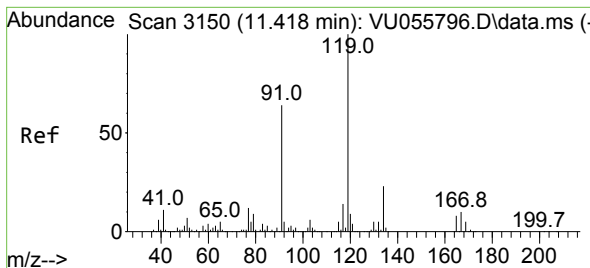
Tgt Ion:126 Resp: 133044

Ion Ratio Lower Upper

126 100

91 357.8 0.0 686.2





#77

tert-Butylbenzene

Concen: 10.840 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

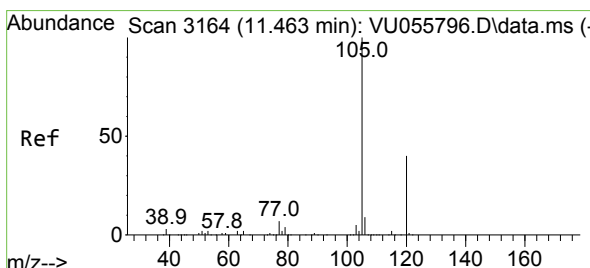
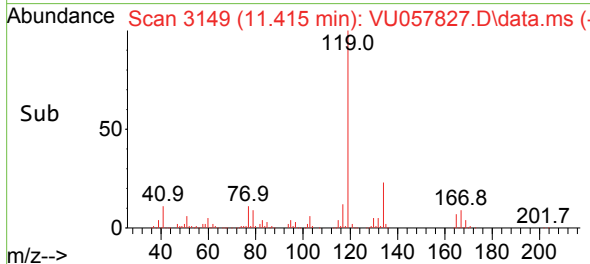
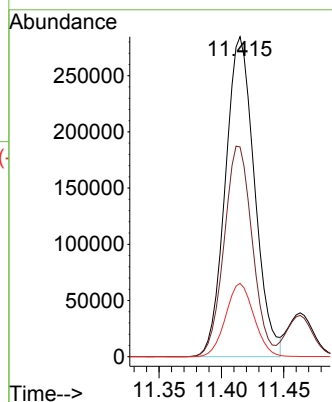
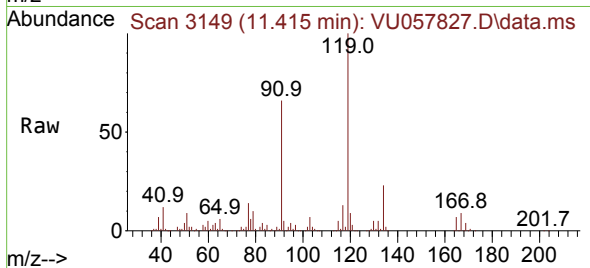
Tgt Ion:119 Resp: 463995

Ion Ratio Lower Upper

119 100

91 63.8 30.8 92.4

134 22.3 18.0 27.0



#78

1,2,4-Trimethylbenzene

Concen: 11.083 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057827.D

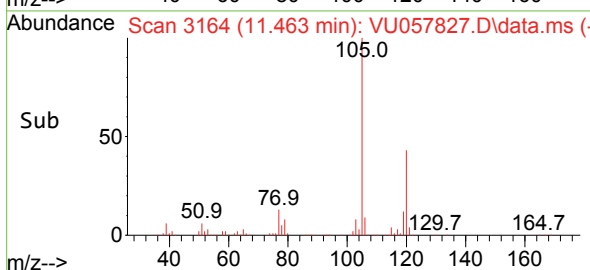
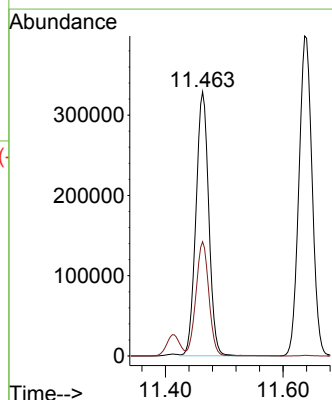
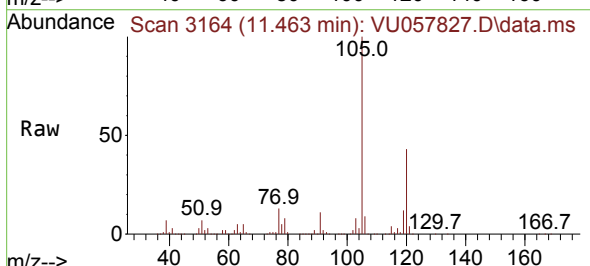
Acq: 06 Feb 2024 18:12

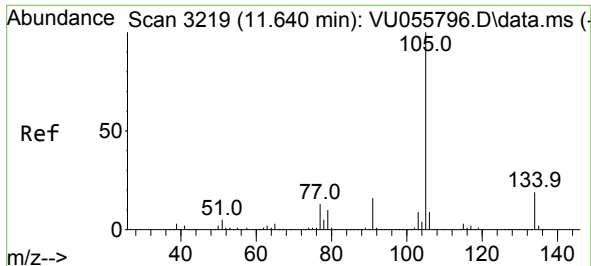
Tgt Ion:105 Resp: 498012

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.8

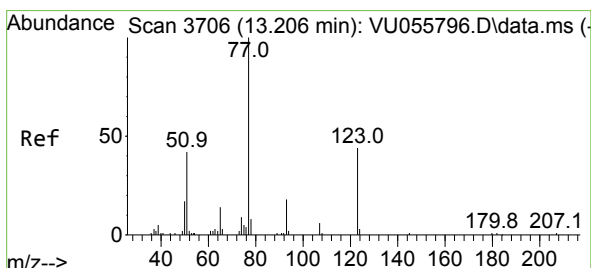
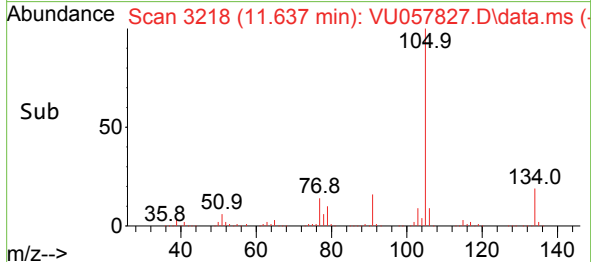
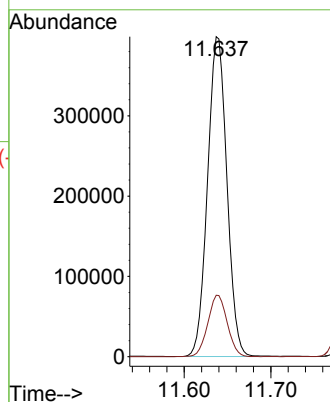
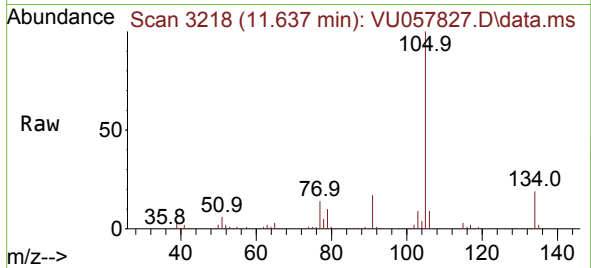




#79
 sec-Butylbenzene
 Concen: 10.948 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

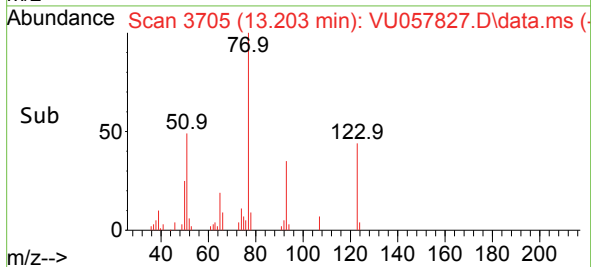
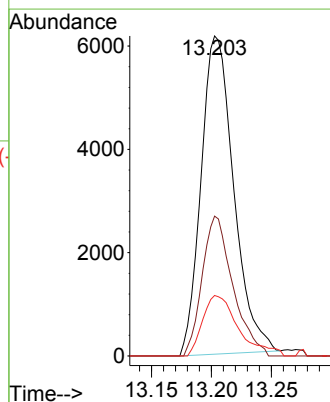
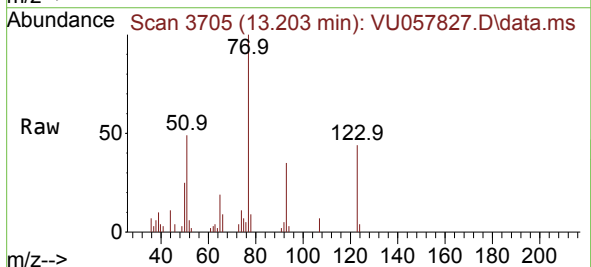
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

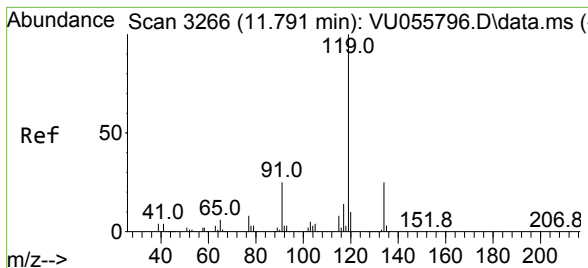
Tgt Ion:105 Resp: 618869
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3



#80
 Nitrobenzene
 Concen: 39.234 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.003 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

Tgt Ion: 77 Resp: 11659
 Ion Ratio Lower Upper
 77 100
 123 41.4 19.7 69.7
 65 20.8 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 11.145 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

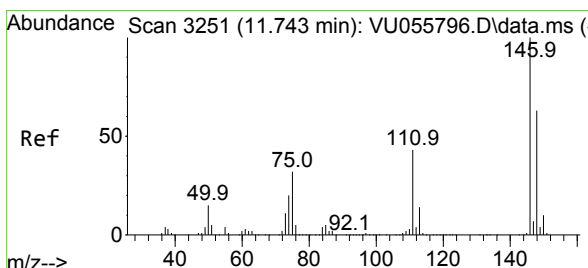
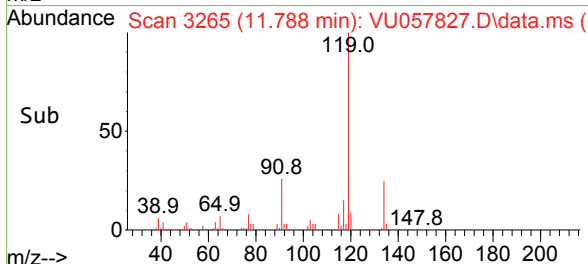
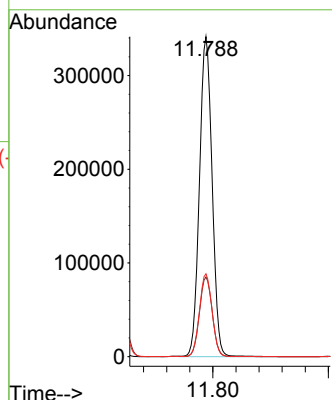
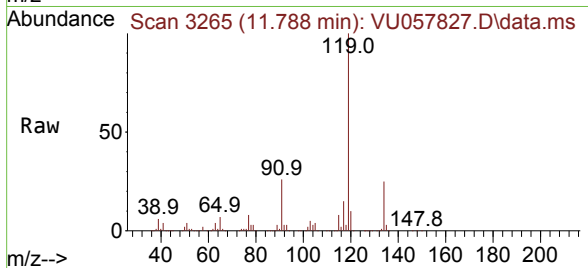
Tgt Ion:119 Resp: 518015

Ion Ratio Lower Upper

119 100

134 25.0 20.2 30.4

91 25.7 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 10.778 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

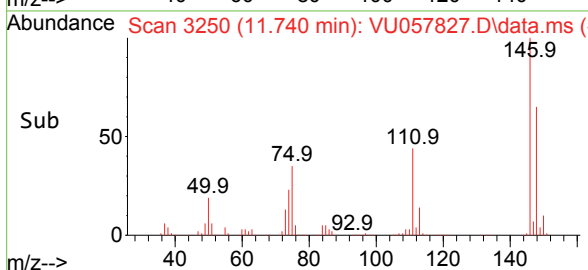
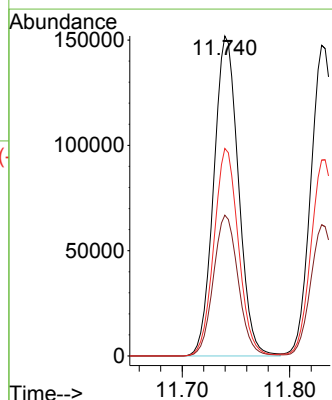
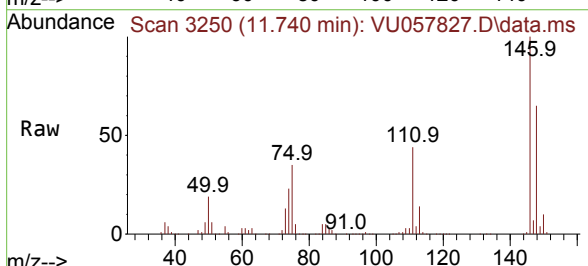
Tgt Ion:146 Resp: 242584

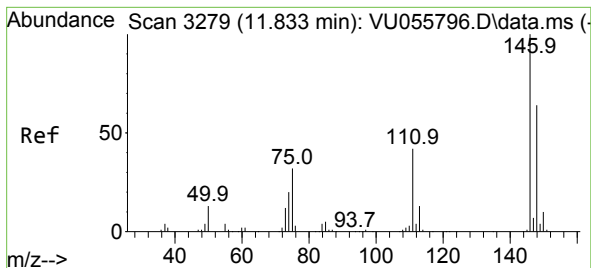
Ion Ratio Lower Upper

146 100

111 44.3 32.6 49.0

148 64.3 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 10.873 ug/l

RT: 11.830 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

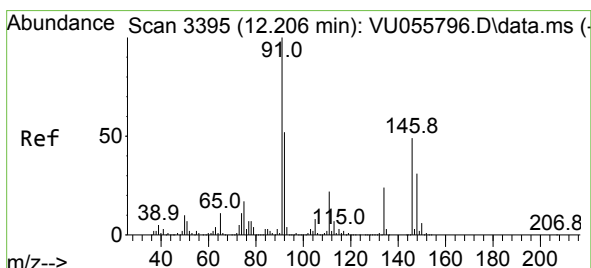
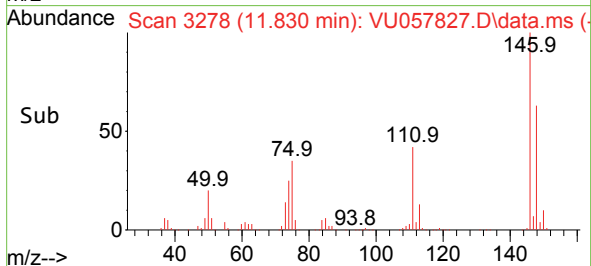
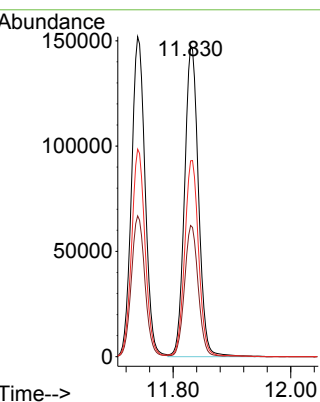
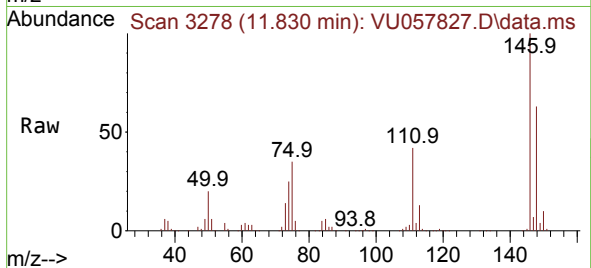
Tgt Ion:146 Resp: 242439

Ion Ratio Lower Upper

146 100

111 41.0 31.6 47.4

148 62.9 50.3 75.5



#84

n-Butylbenzene

Concen: 11.360 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU057827.D

Acq: 06 Feb 2024 18:12

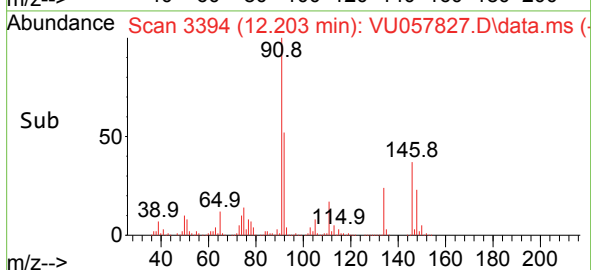
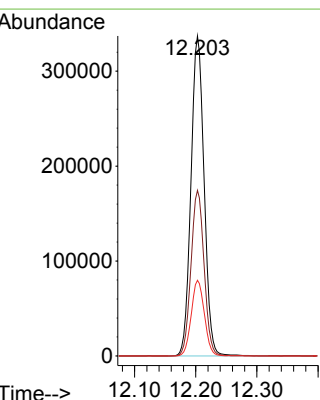
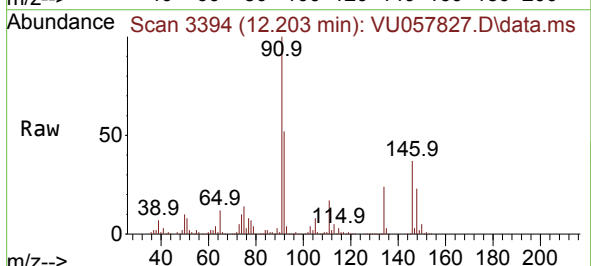
Tgt Ion: 91 Resp: 503873

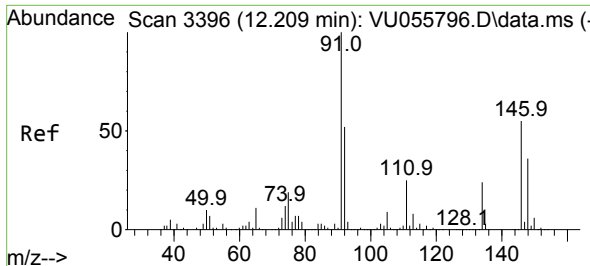
Ion Ratio Lower Upper

91 100

92 51.5 40.8 61.2

134 23.6 18.4 27.6

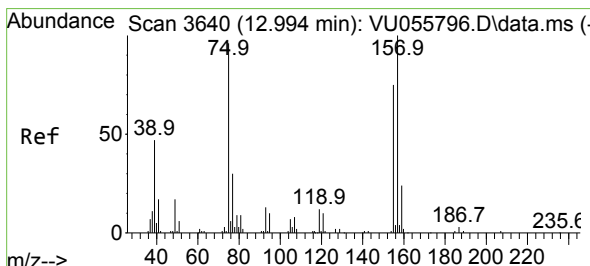
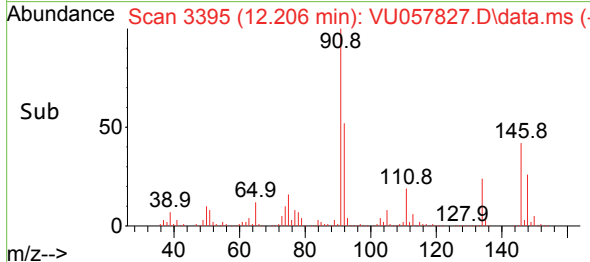
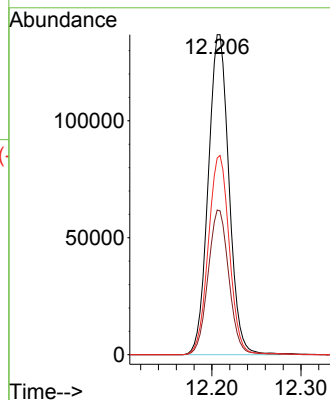
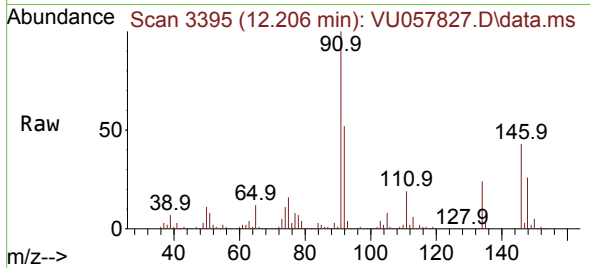




#85
 1,2-Dichlorobenzene
 Concen: 10.592 ug/l
 RT: 12.206 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

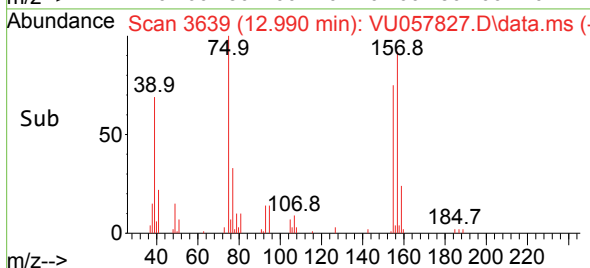
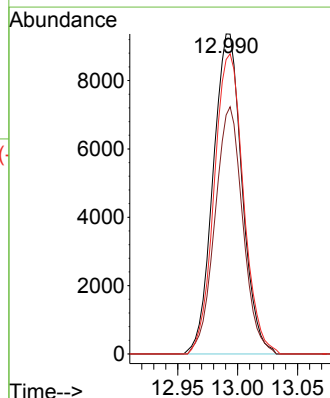
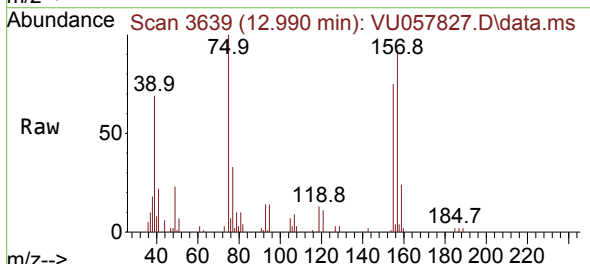
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

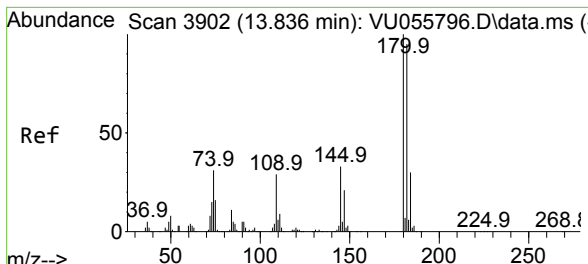
Tgt Ion:146 Resp: 221416
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.6 64.6
 148 63.0 32.1 96.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.247 ug/l
 RT: 12.990 min Scan# 3639
 Delta R.T. -0.003 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

Tgt Ion: 75 Resp: 15663
 Ion Ratio Lower Upper
 75 100
 155 74.6 61.8 92.8
 157 95.0 80.2 120.4

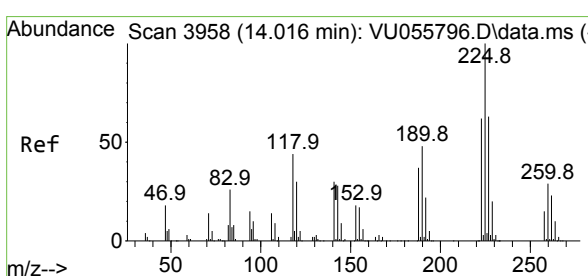
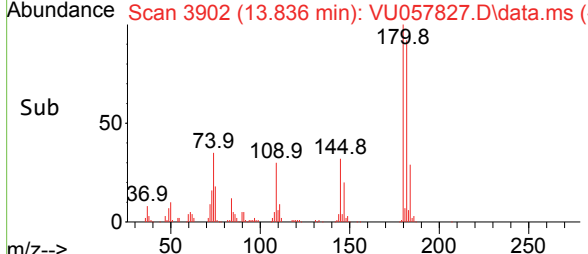
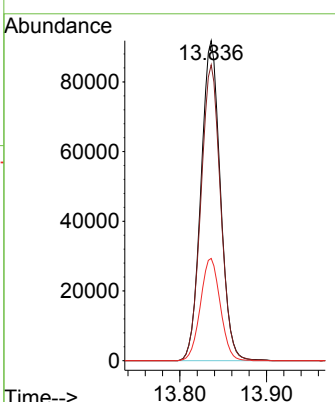
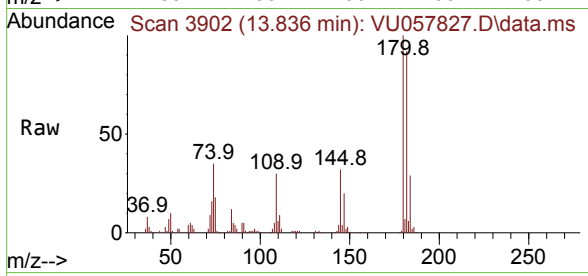




#87
 1,2,4-Trichlorobenzene
 Concen: 11.167 ug/l
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

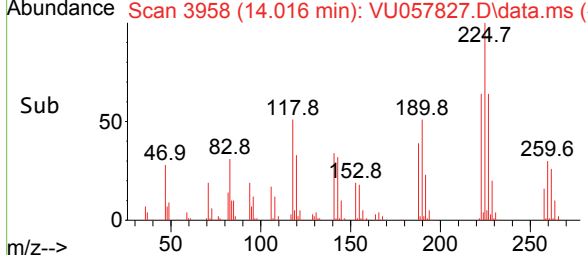
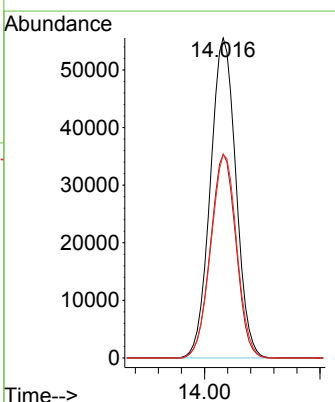
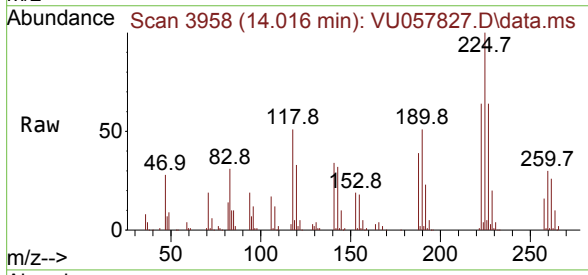
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

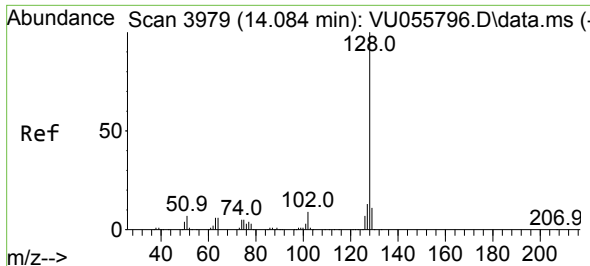
Tgt Ion:	180	Resp:	142527
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.6
145	32.7	23.9	35.9



#88
 Hexachlorobutadiene
 Concen: 10.669 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. -0.000 min
 Lab File: VU057827.D
 Acq: 06 Feb 2024 18:12

Tgt Ion:	225	Resp:	85331
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.2	75.4
227	64.6	51.5	77.3

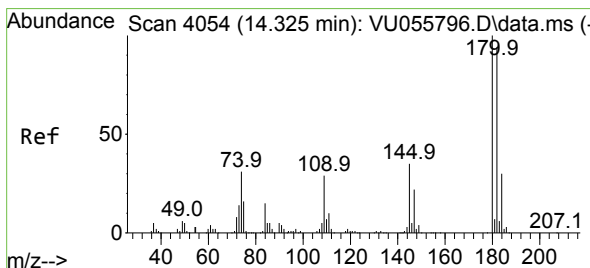
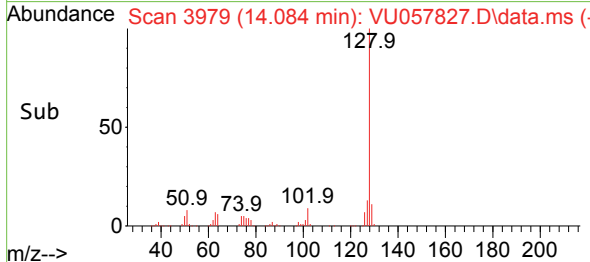
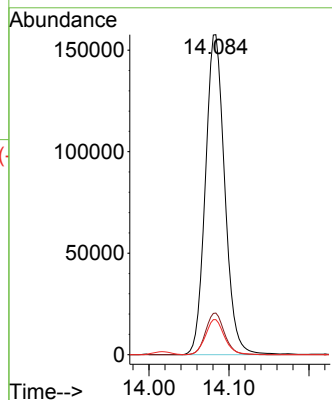
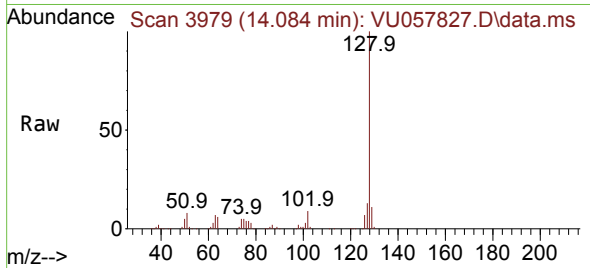




#89
Naphthalene
Concen: 11.877 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 265430
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.9 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 11.542 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057827.D
Acq: 06 Feb 2024 18:12

Tgt Ion:180 Resp: 126401
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 34.1 26.1 39.1

