

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054330.D
 Acq On : 31 May 2023 11:28
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 01 05:07:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	224986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	367496	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	348277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	185682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	149332	50.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.260%	
35) Dibromofluoromethane	5.285	113	118489	50.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	7.893	98	439310	48.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	10.629	95	162125	46.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	104731	41.699	ug/l	100
3) Chloromethane	1.520	50	144666	43.989	ug/l	96
4) Vinyl Chloride	1.604	62	133828	42.650	ug/l	98
5) Bromomethane	1.858	94	83753	48.218	ug/l	99
6) Chloroethane	1.932	64	81113	53.603	ug/l	96
7) Trichlorofluoromethane	2.137	101	172865	40.044	ug/l	97
8) Diethyl Ether	2.372	74	79075	49.480	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	100897	43.169	ug/l	97
10) Methyl Iodide	2.719	142	126917	45.549	ug/l	97
11) Tert butyl alcohol	3.208	59	186161	233.672	ug/l #	54
12) 1,1-Dichloroethene	2.578	96	97307	40.209	ug/l	96
13) Acrolein	2.485	56	181840	219.404	ug/l	99
14) Allyl chloride	2.919	41	190041	45.290	ug/l	86
15) Acrylonitrile	3.308	53	452614	253.393	ug/l	99
16) Acetone	2.629	43	484633	286.666	ug/l	99
17) Carbon Disulfide	2.790	76	282645	39.519	ug/l	100
18) Methyl Acetate	2.944	43	311672	50.491	ug/l	96
19) Methyl tert-butyl Ether	3.359	73	380602	48.045	ug/l	98
20) Methylene Chloride	3.044	84	134844	44.212	ug/l	93
21) trans-1,2-Dichloroethene	3.349	96	110510	42.652	ug/l	96
22) Diisopropyl ether	3.983	45	369742	49.716	ug/l	83
23) Vinyl Acetate	3.948	43	1396825	257.392	ug/l	99
24) 1,1-Dichloroethane	3.864	63	214114	44.961	ug/l	100
25) 2-Butanone	4.697	43	619393	276.720	ug/l	97
26) 2,2-Dichloropropane	4.658	77	170610	40.995	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	129003	44.758	ug/l	93
28) Bromochloromethane	4.970	49	107952	48.987	ug/l	85
29) Tetrahydrofuran	5.047	42	367680	261.327	ug/l	92
30) Chloroform	5.083	83	213412	44.085	ug/l	100
31) Cyclohexane	5.382	56	169567	40.717	ug/l	93
32) 1,1,1-Trichloroethane	5.311	97	176010	41.880	ug/l	99
36) 1,1-Dichloropropene	5.523	75	147881	39.784	ug/l	98
37) Ethyl Acetate	4.796	43	206708	45.630	ug/l #	92
38) Carbon Tetrachloride	5.520	117	152899	40.187	ug/l	96
39) Methylcyclohexane	6.758	83	173023	41.096	ug/l	91
40) Benzene	5.771	78	464475	43.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	106827	51.024	ug/l	92
42) 1,2-Dichloroethane	5.787	62	174030	45.183	ug/l	98
43) Isopropyl Acetate	5.906	43	301663	48.277	ug/l	98
44) Trichloroethene	6.536	130	119661	40.374	ug/l	91
45) 1,2-Dichloropropane	6.787	63	127067	45.940	ug/l	98
46) Dibromomethane	6.912	93	92521	45.443	ug/l	95
47) Bromodichloromethane	7.102	83	169515	44.520	ug/l	100
48) Methyl methacrylate	6.954	41	137622	49.663	ug/l	95
49) 1,4-Dioxane	6.996	88	81322	1016.532	ug/l #	1
51) 4-Methyl-2-Pentanone	7.783	43	1038260	248.986	ug/l	99
52) Toluene	7.963	92	292602	43.280	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	198481	45.563	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	209841	46.158	ug/l	97
55) 1,1,2-Trichloroethane	8.394	97	130038	46.413	ug/l	97
56) Ethyl methacrylate	8.327	69	201070	48.212	ug/l	96
57) 1,3-Dichloropropane	8.571	76	224529	46.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	43353	162.132	ug/l	99
59) 2-Hexanone	8.677	43	828538	251.524	ug/l	100
60) Dibromochloromethane	8.806	129	133157	46.778	ug/l	99
61) 1,2-Dibromoethane	8.918	107	140903	46.209	ug/l	99
64) Tetrachloroethene	8.549	164	116744	44.538	ug/l	96
65) Chlorobenzene	9.443	112	316761	43.506	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	120873	45.762	ug/l	96
67) Ethyl Benzene	9.565	91	547160	43.956	ug/l	98
68) m/p-Xylenes	9.690	106	423161	89.685	ug/l	93
69) o-Xylene	10.095	106	206226	45.151	ug/l	92
70) Styrene	10.108	104	357120	47.147	ug/l	98
71) Bromoform	10.285	173	109805	47.839	ug/l	98
73) Isopropylbenzene	10.481	105	532294	46.288	ug/l	97
74) N-amyl acetate	10.314	43	248030	50.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	224636	48.277	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	259636	47.909	ug/l	98
77) Bromobenzene	10.777	156	146882	46.513	ug/l	91
78) n-propylbenzene	10.902	91	656539	46.606	ug/l	97
79) 2-Chlorotoluene	10.979	91	395305	46.351	ug/l	94
80) 1,3,5-Trimethylbenzene	11.082	105	459824	47.020	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	66636	46.823	ug/l	97
82) 4-Chlorotoluene	11.092	91	459097	45.879	ug/l	96
83) tert-Butylbenzene	11.417	119	435981	44.583	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	460574	47.339	ug/l	97
85) sec-Butylbenzene	11.639	105	574312	46.283	ug/l	99
86) p-Isopropyltoluene	11.786	119	481211	46.107	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	273612	44.749	ug/l	98
88) 1,4-Dichlorobenzene	11.831	146	277792	43.489	ug/l	99
89) n-Butylbenzene	12.204	91	432026	43.976	ug/l	98
90) Hexachloroethane	12.468	117	81311	44.038	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	273730	45.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	56010	52.780	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	192191	45.165	ug/l	99
94) Hexachlorobutadiene	14.015	225	85802	43.458	ug/l	98
95) Naphthalene	14.082	128	659009	48.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	195350	46.261	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

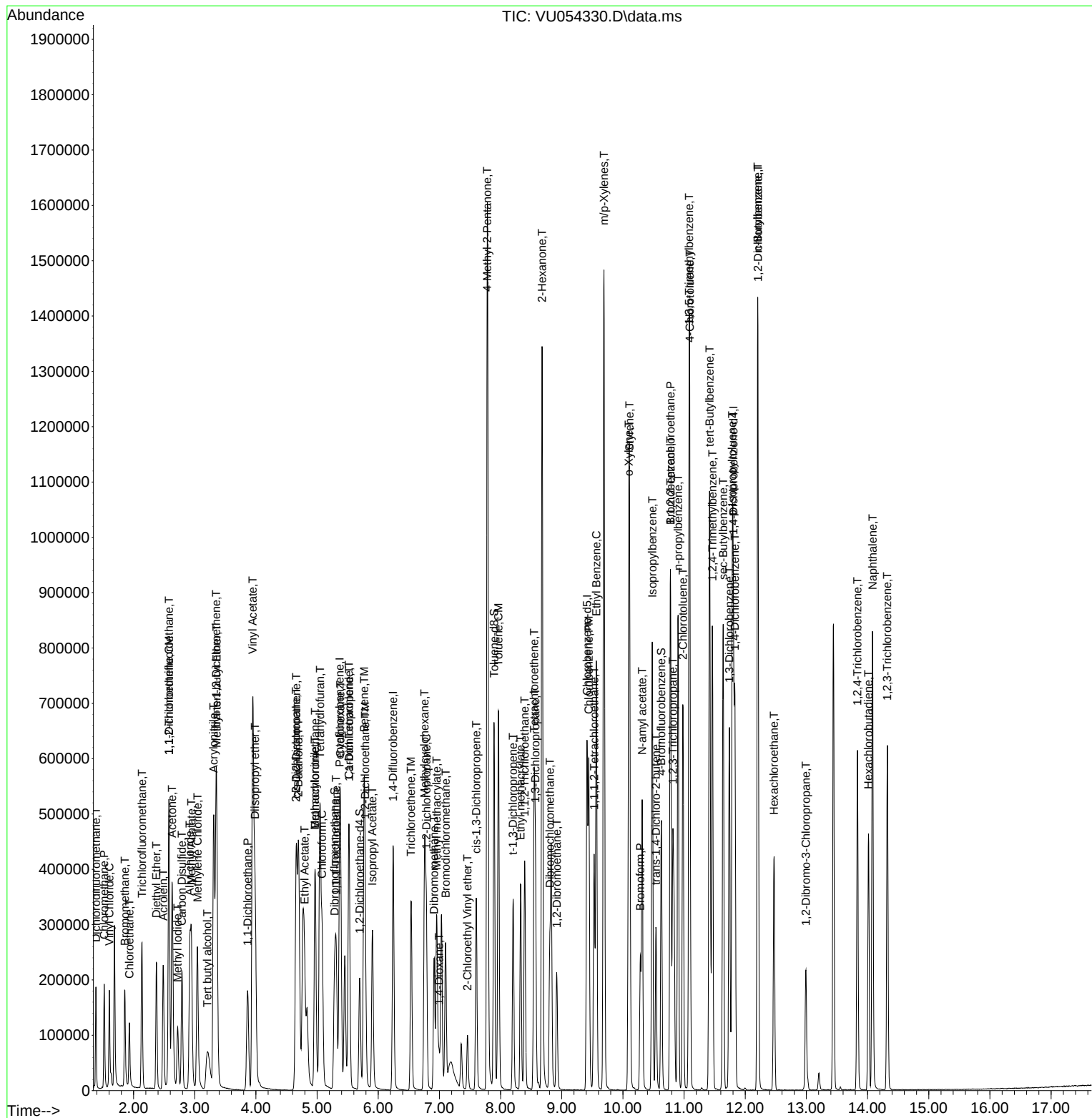
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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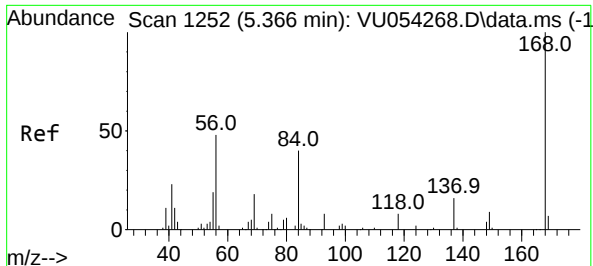
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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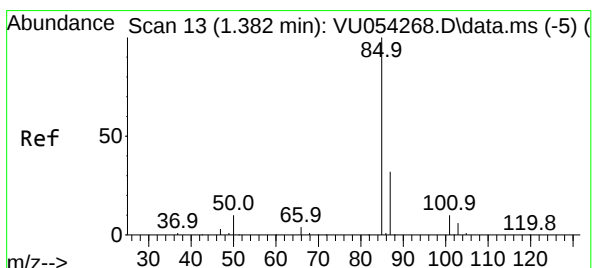
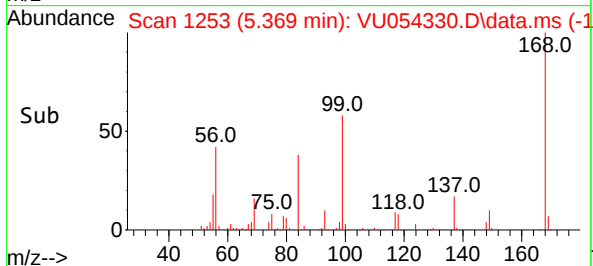
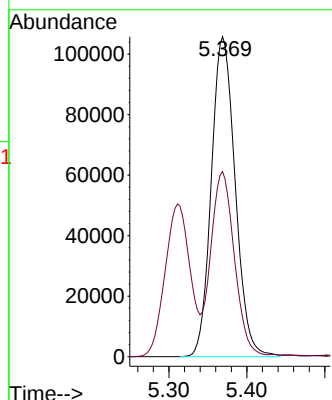
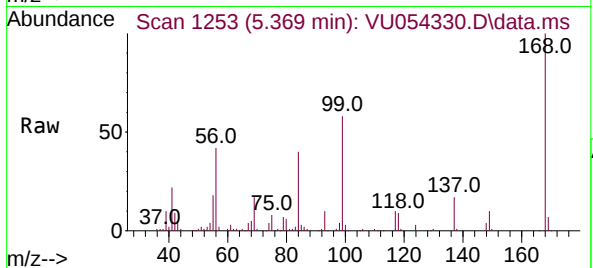




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054330.D
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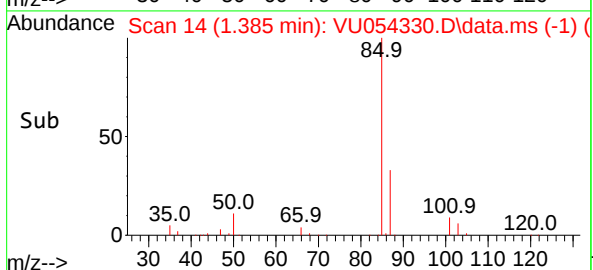
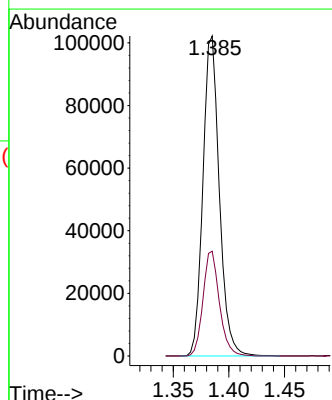
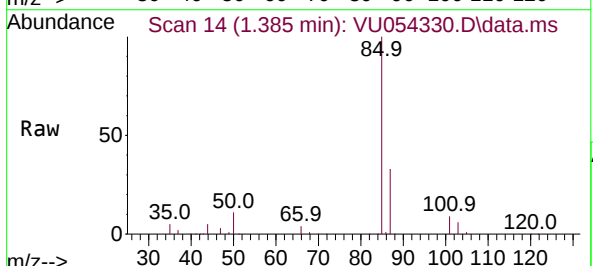
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

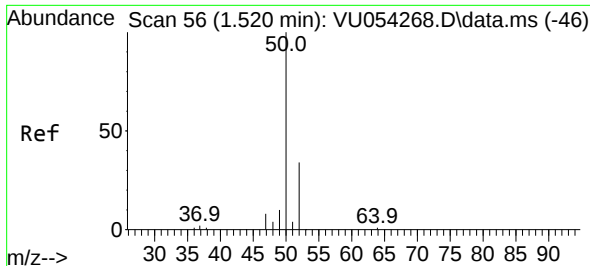
Tgt Ion:168 Resp: 224986
Ion Ratio Lower Upper
168 100
99 57.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 41.699 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 85 Resp: 104731
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2

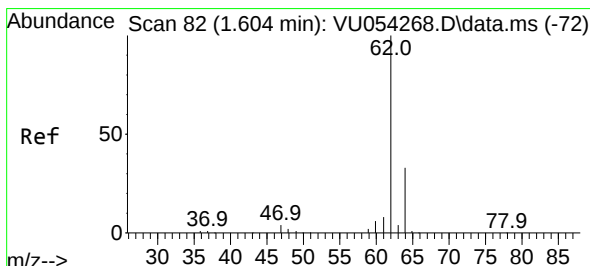
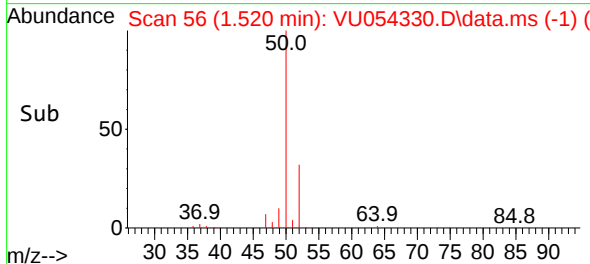
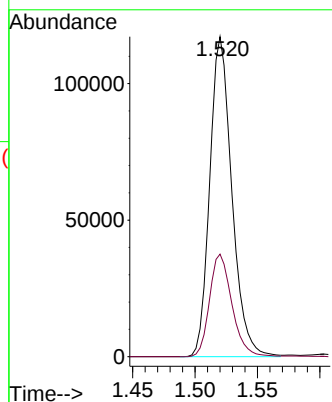
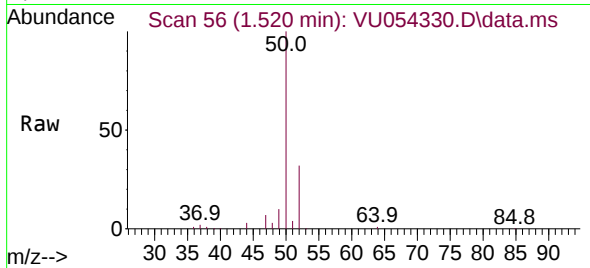




#3
Chloromethane
Concen: 43.989 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU054330.D
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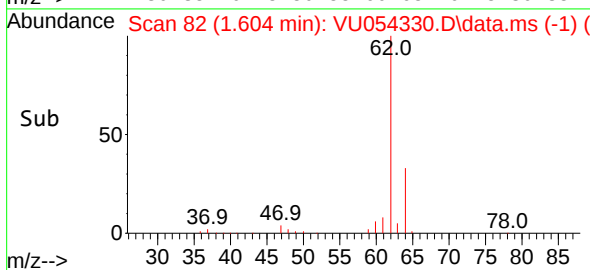
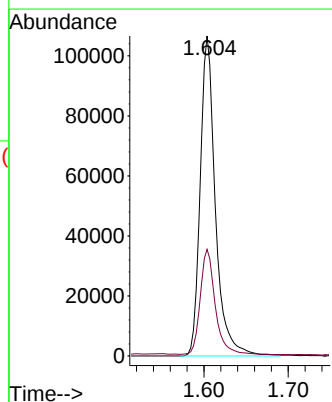
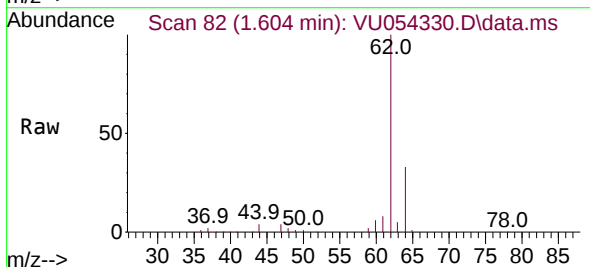
Instrument :
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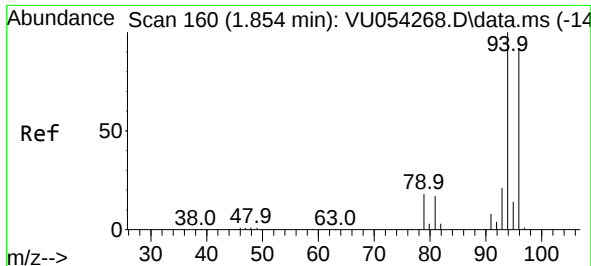
Tgt Ion: 50 Resp: 144666
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.2



#4
Vinyl Chloride
Concen: 42.650 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 62 Resp: 133828
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9

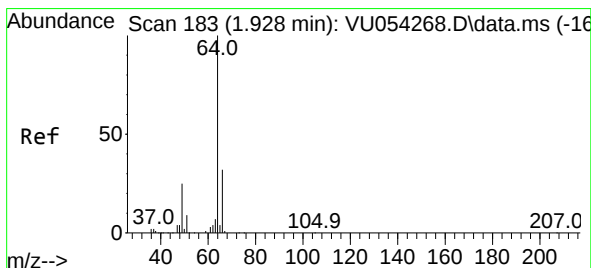
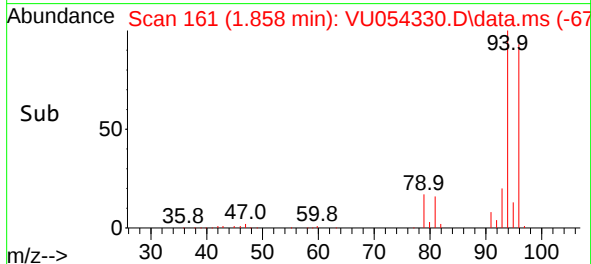
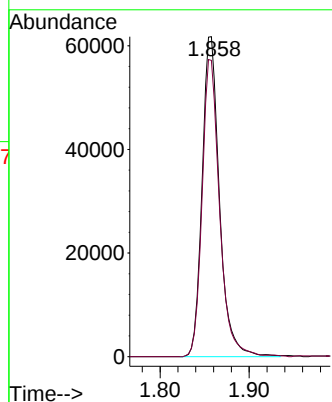
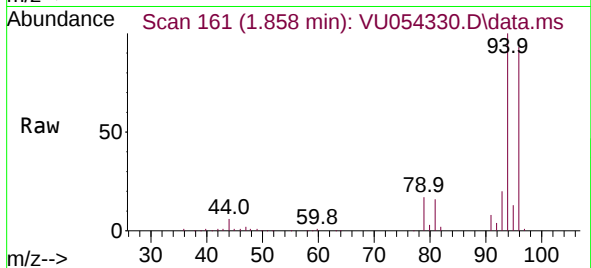




#5
Bromomethane
Concen: 48.218 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU054330.D
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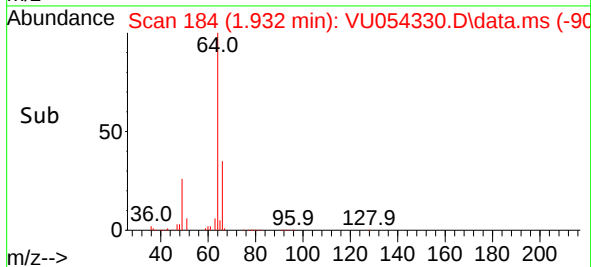
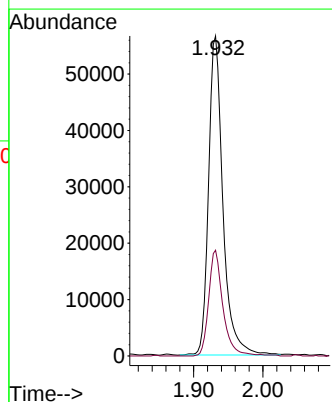
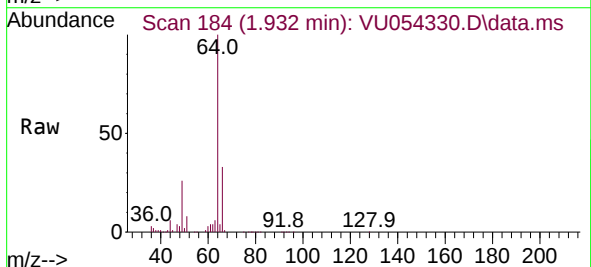
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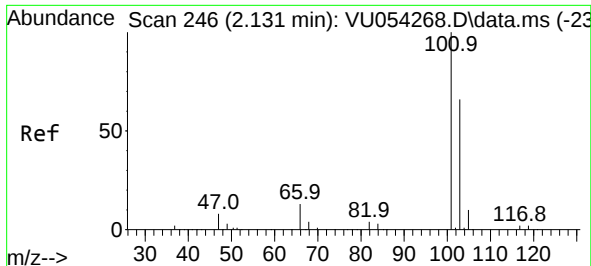
Tgt Ion: 94 Resp: 83753
Ion Ratio Lower Upper
94 100
96 92.6 73.7 110.5



#6
Chloroethane
Concen: 53.603 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU054330.D
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Tgt Ion: 64 Resp: 81113
Ion Ratio Lower Upper
64 100
66 33.2 24.7 37.1

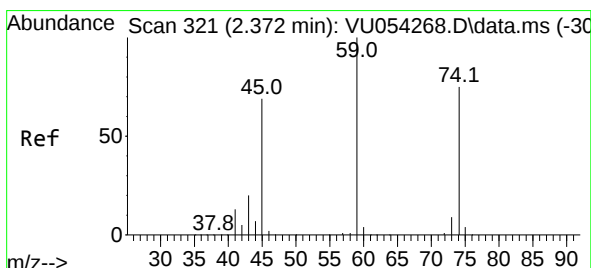
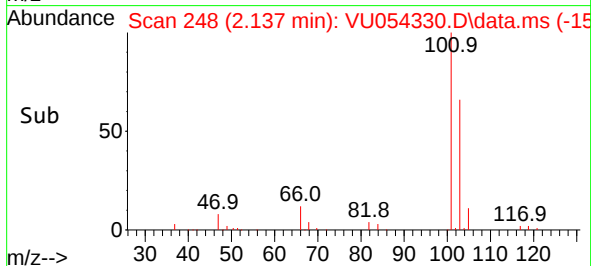
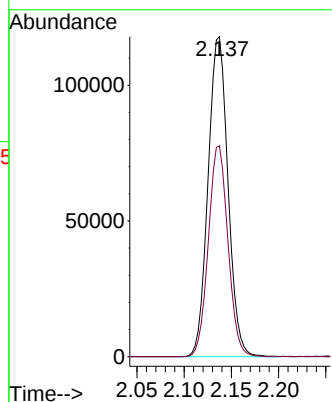
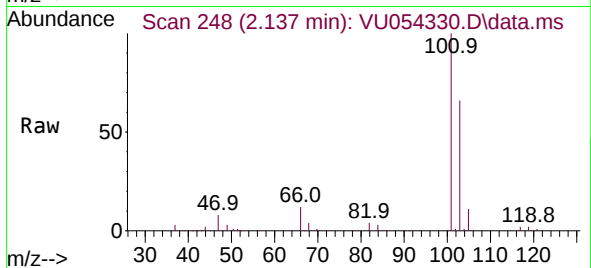




#7
Trichlorofluoromethane
Concen: 40.044 ug/l
RT: 2.137 min Scan# 246
Delta R.T. 0.006 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

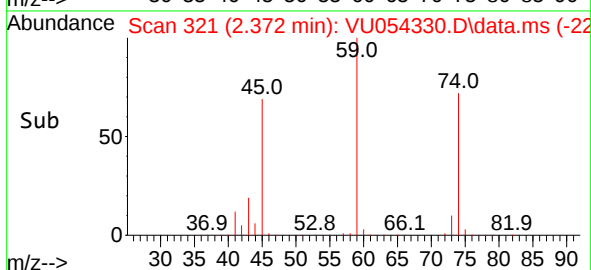
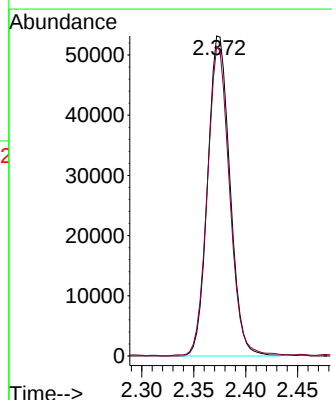
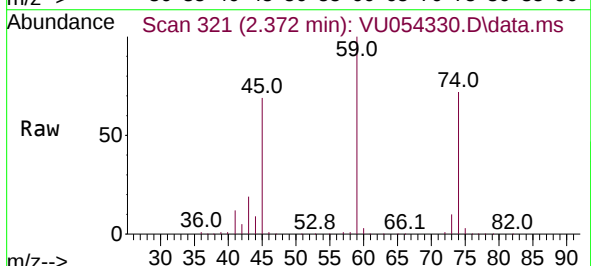
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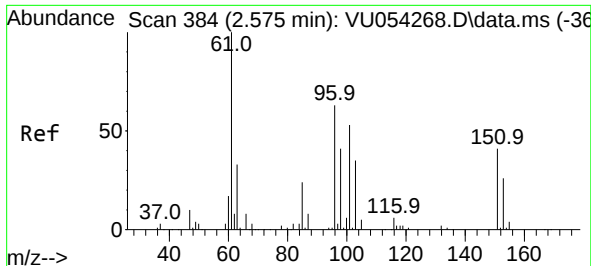
Tgt Ion:101 Resp: 172865
Ion Ratio Lower Upper
101 100
103 65.9 50.6 75.8



#8
Diethyl Ether
Concen: 49.480 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 74 Resp: 79075
Ion Ratio Lower Upper
74 100
45 97.4 44.4 133.2

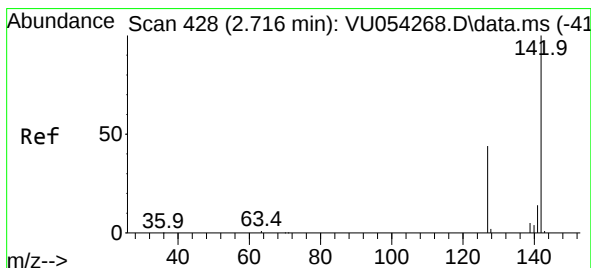
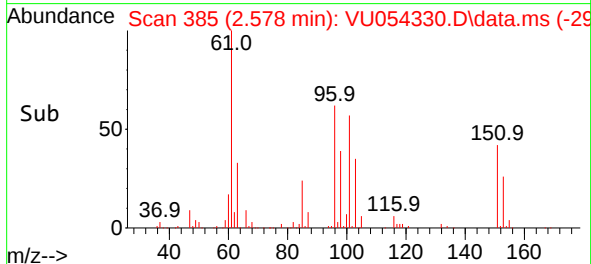
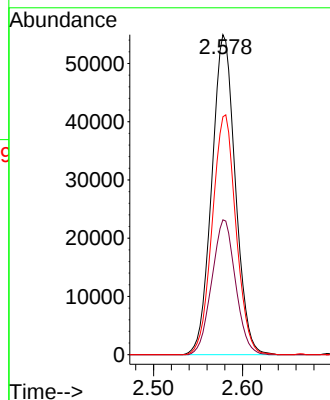
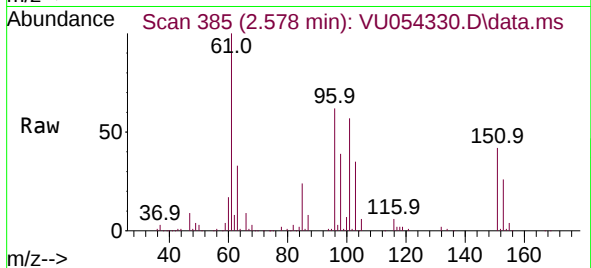




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.169 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

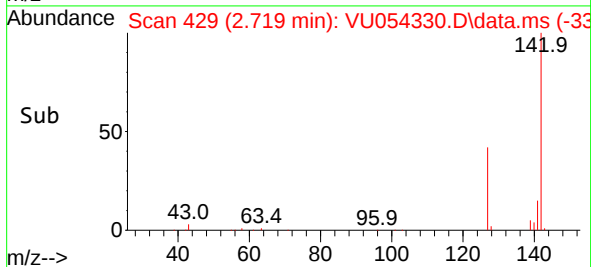
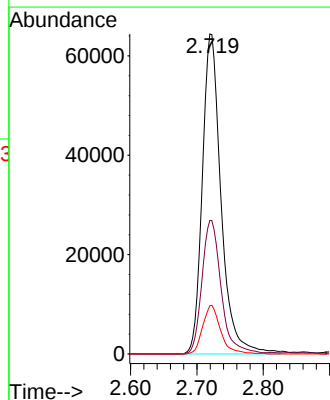
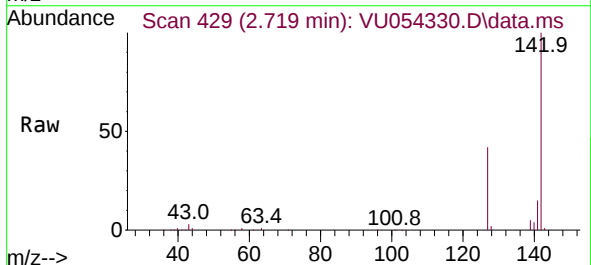
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

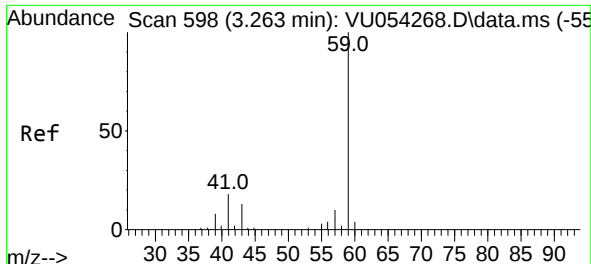
Tgt Ion:101 Resp: 100897
Ion Ratio Lower Upper
101 100
85 42.4 33.9 50.9
151 75.5 64.0 96.0



#10
Methyl Iodide
Concen: 45.549 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:142 Resp: 126917
Ion Ratio Lower Upper
142 100
127 42.7 32.5 48.7
141 14.5 11.4 17.0

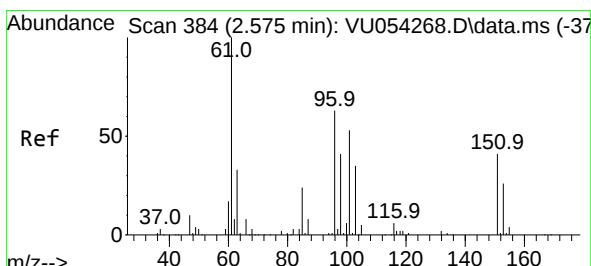
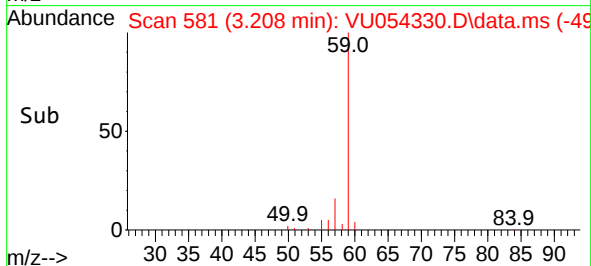
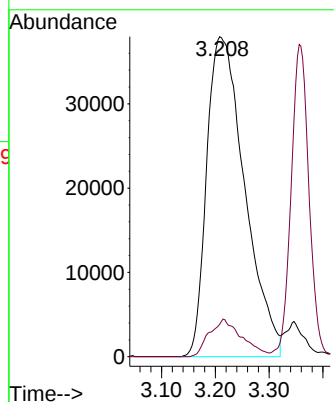
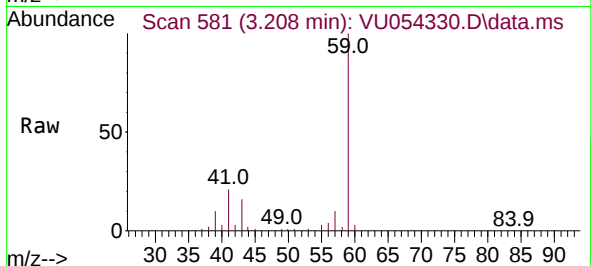




#11
Tert butyl alcohol
Concen: 233.672 ug/l
RT: 3.208 min Scan# 59
Delta R.T. -0.035 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

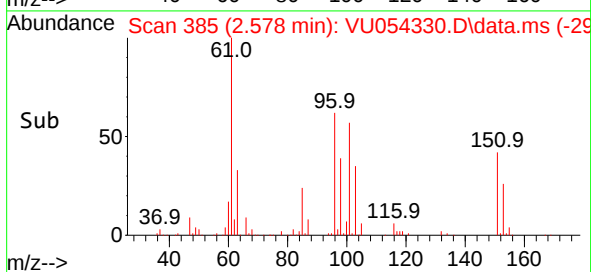
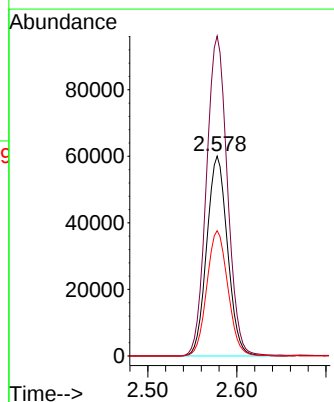
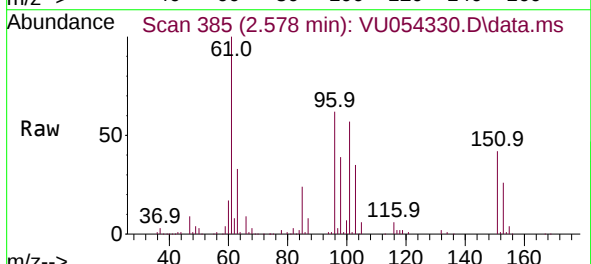
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

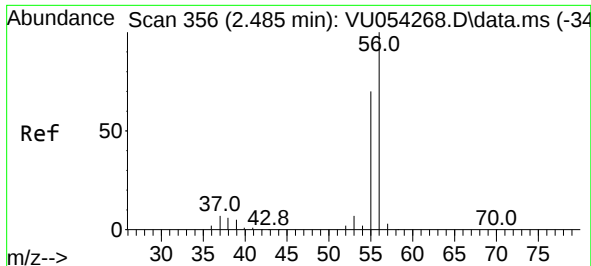
Tgt Ion: 59 Resp: 186161
Ion Ratio Lower Upper
59 100
57 10.1 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 40.209 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 96 Resp: 97307
Ion Ratio Lower Upper
96 100
61 160.1 122.2 183.2
98 62.7 50.7 76.1

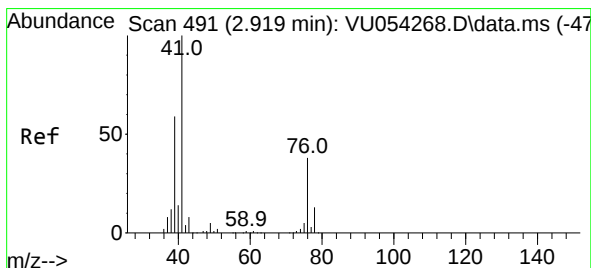
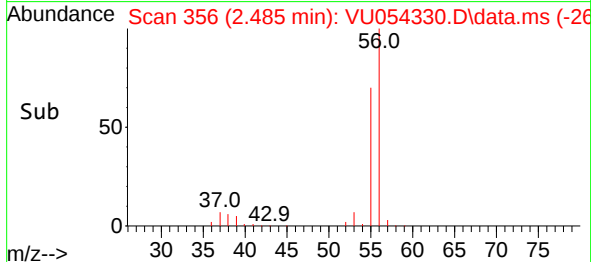
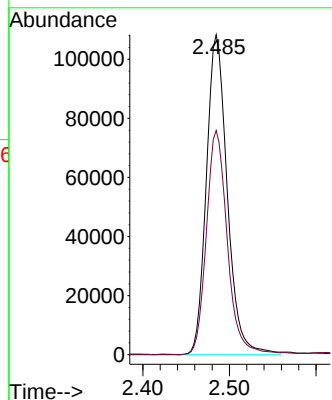
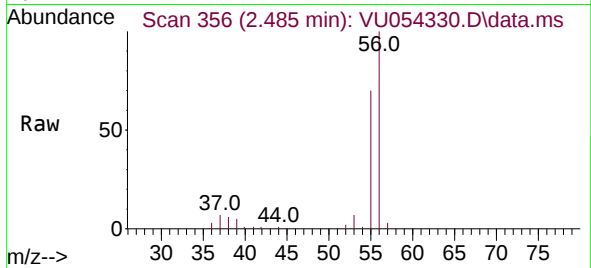




#13
Acrolein
Concen: 219.404 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

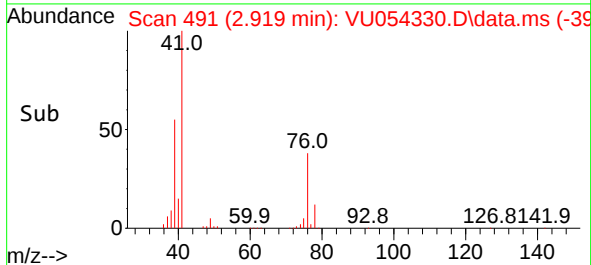
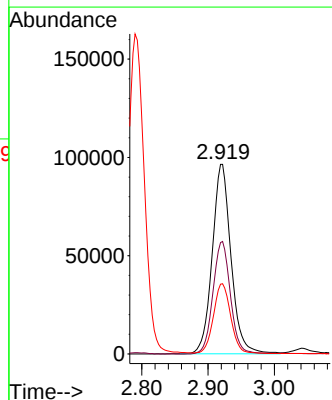
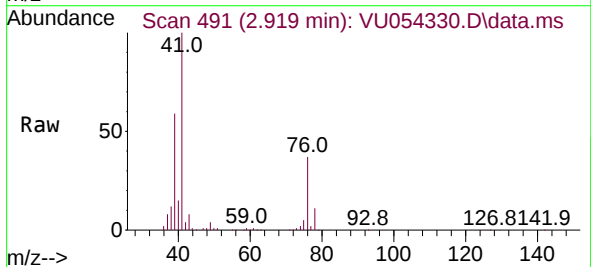
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

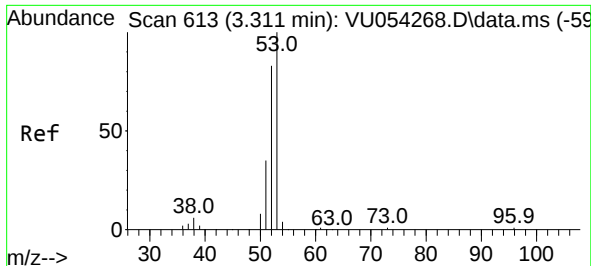
Tgt Ion: 56 Resp: 181840
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 45.290 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 41 Resp: 190041
Ion Ratio Lower Upper
41 100
39 55.3 53.4 80.2
76 33.8 33.8 50.6

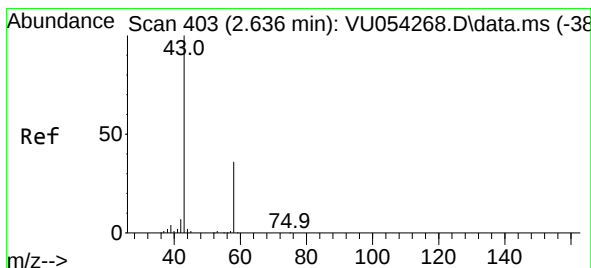
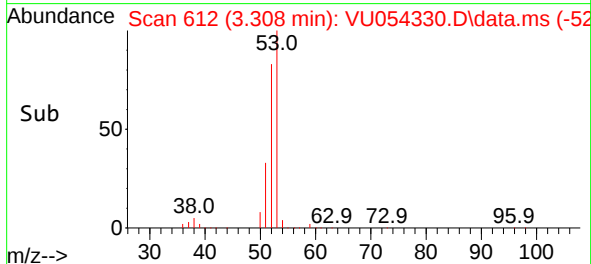
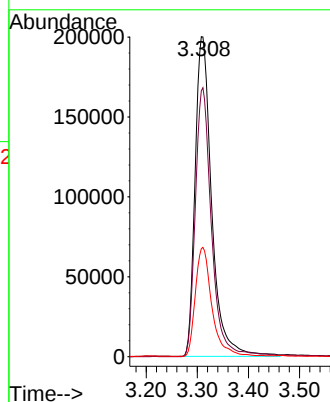
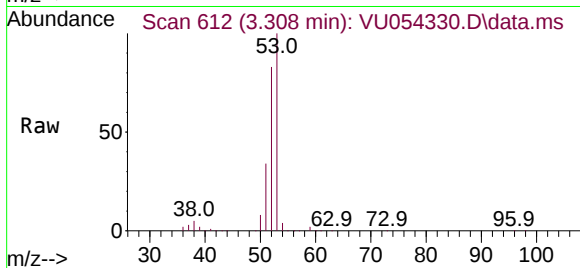




#15
Acrylonitrile
Concen: 253.393 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

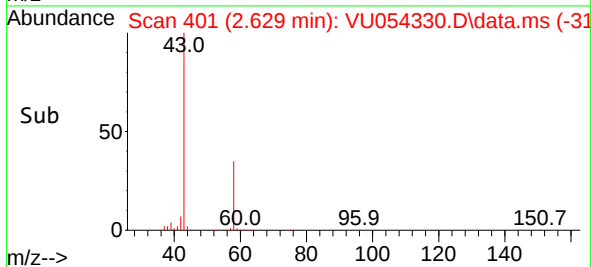
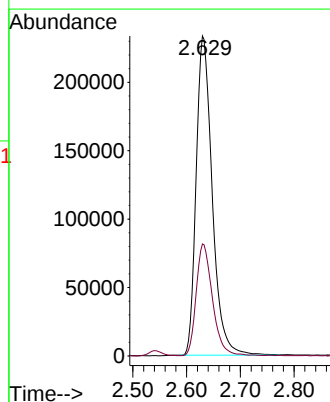
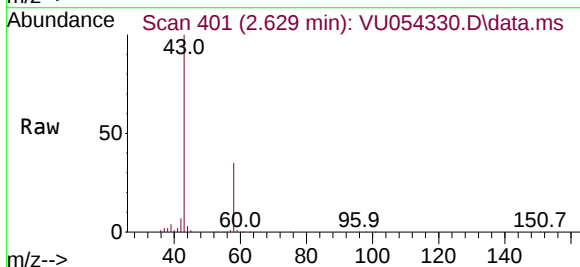
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

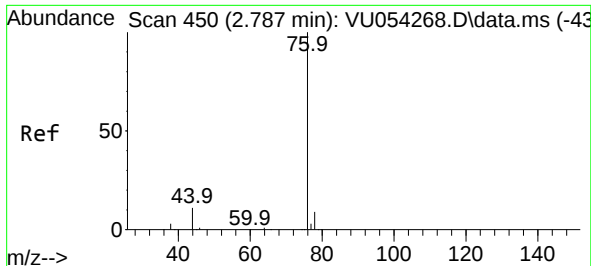
Tgt Ion: 53 Resp: 452614
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 34.0 28.2 42.4



#16
Acetone
Concen: 286.666 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 43 Resp: 484633
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3

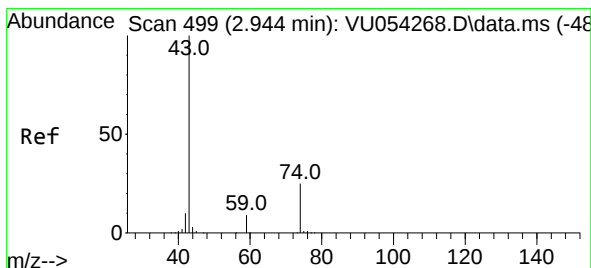
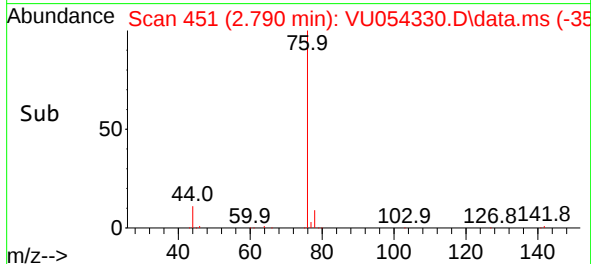
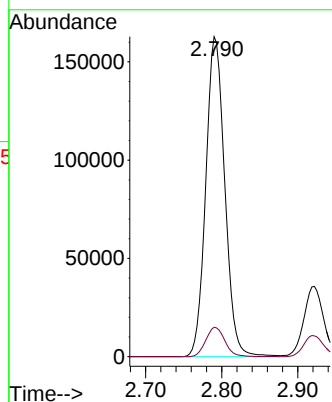
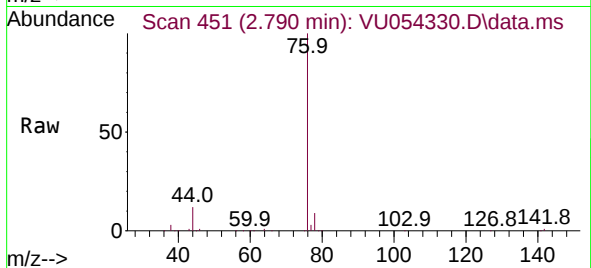




#17
Carbon Disulfide
Concen: 39.519 ug/l
RT: 2.790 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

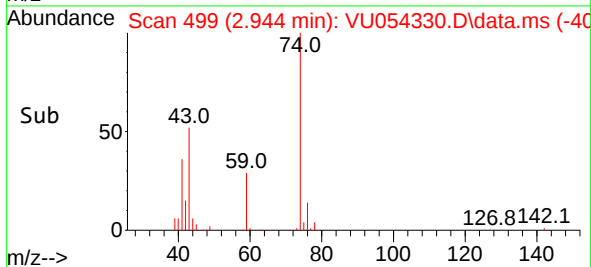
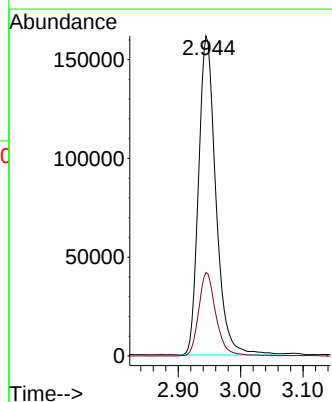
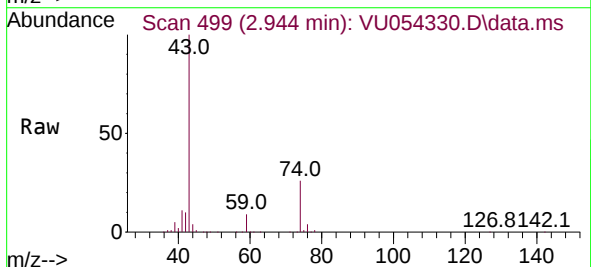
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

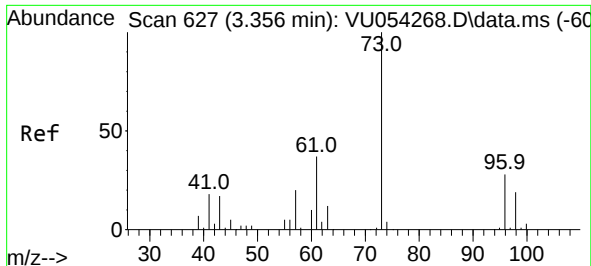
Tgt Ion: 76 Resp: 282645
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 50.491 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 43 Resp: 311672
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7

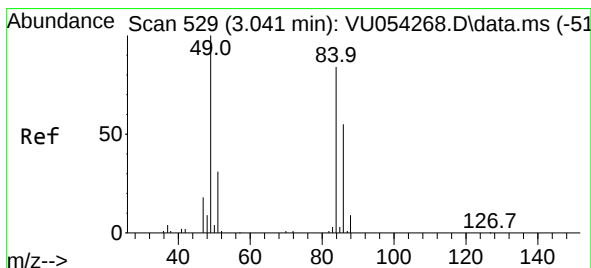
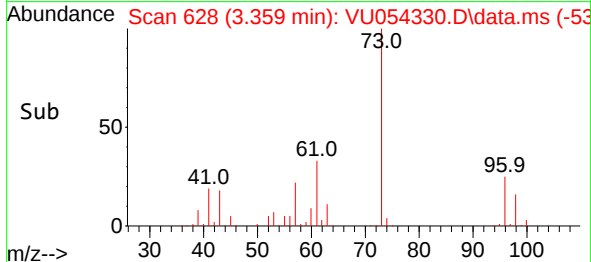
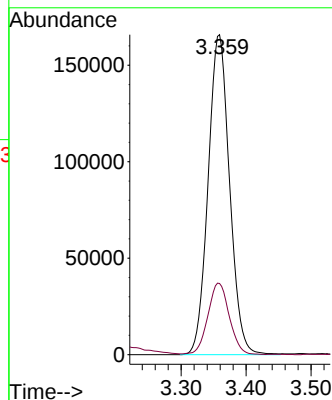
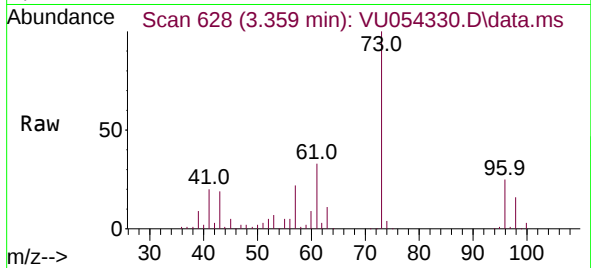




#19
Methyl tert-butyl Ether
Concen: 48.045 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

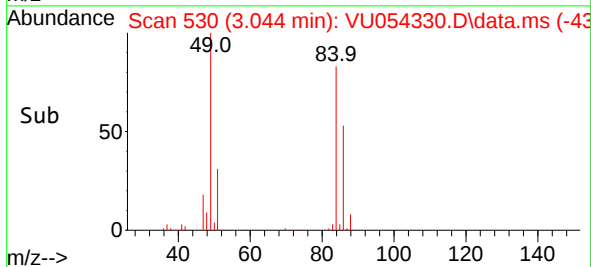
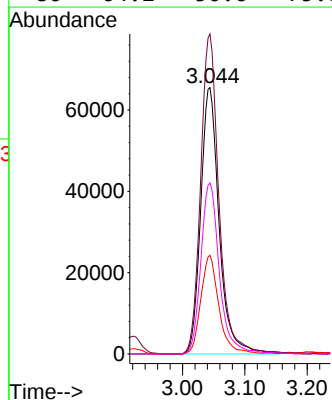
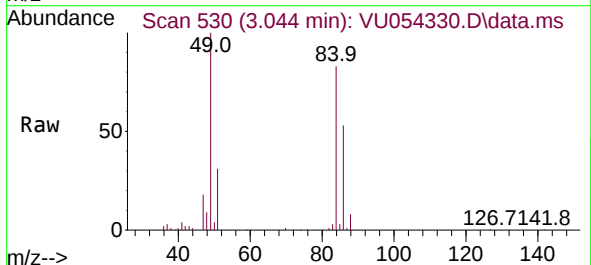
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

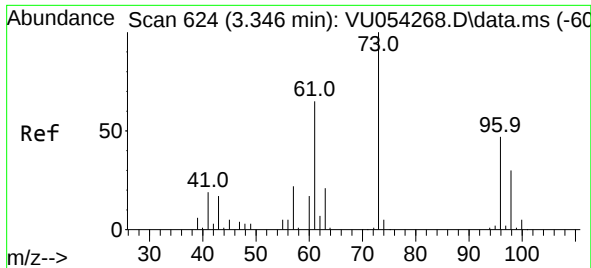
Tgt Ion: 73 Resp: 380602
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 44.212 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 84 Resp: 134844
Ion Ratio Lower Upper
84 100
49 120.1 86.6 129.8
51 37.0 26.6 40.0
86 64.2 50.6 75.8

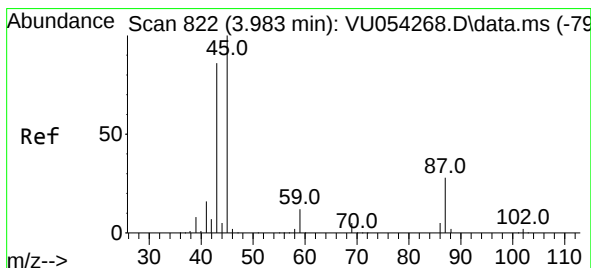
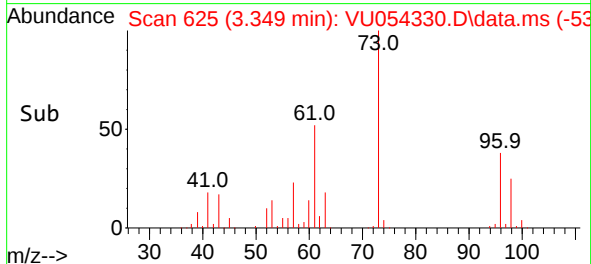
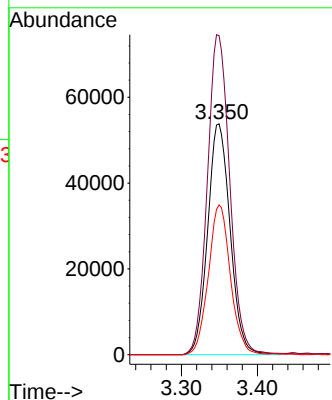
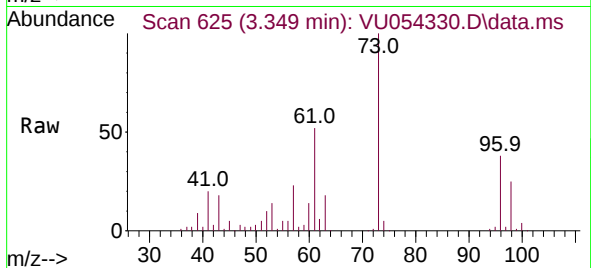




#21
trans-1,2-Dichloroethene
Concen: 42.652 ug/l
RT: 3.349 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

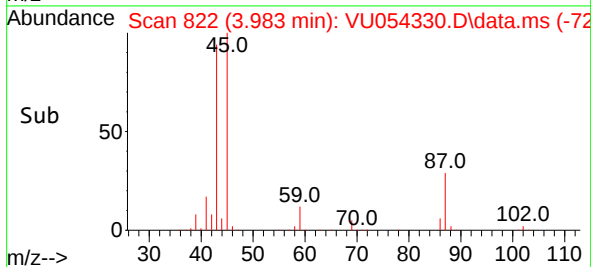
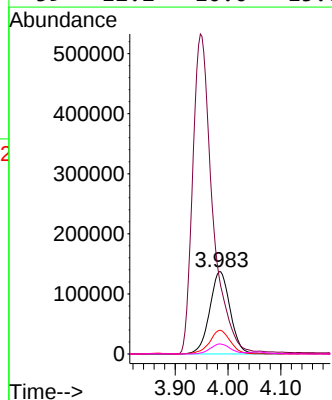
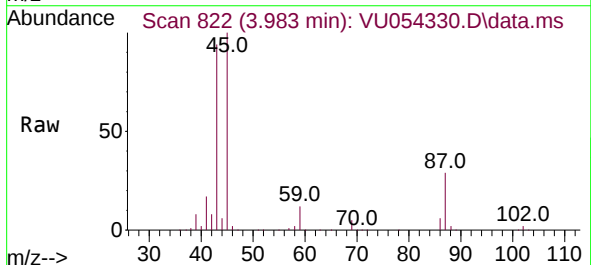
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

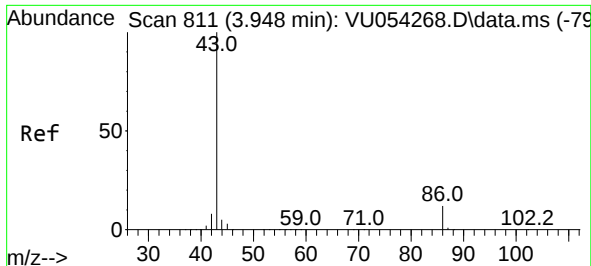
Tgt Ion: 96 Resp: 110510
Ion Ratio Lower Upper
96 100
61 138.1 106.1 159.1
98 64.9 50.8 76.2



#22
Diisopropyl ether
Concen: 49.716 ug/l
RT: 3.983 min Scan# 822
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 45 Resp: 369742
Ion Ratio Lower Upper
45 100
43 93.1 92.9 139.3
87 28.7 26.2 39.2
59 12.2 10.0 15.0

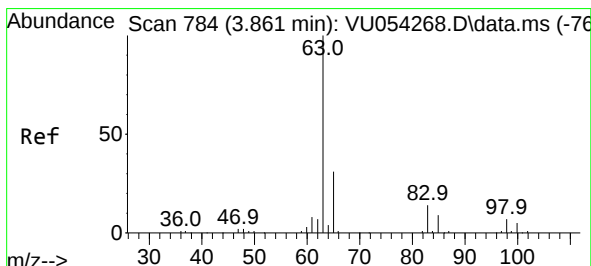
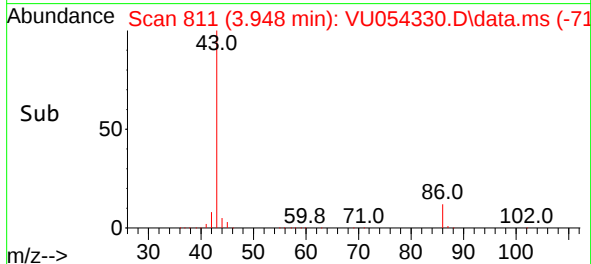
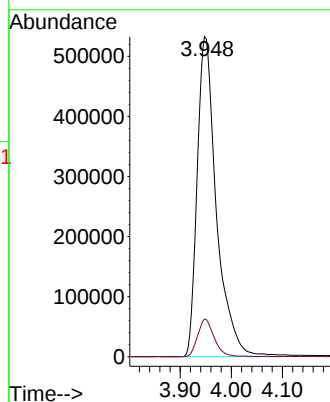
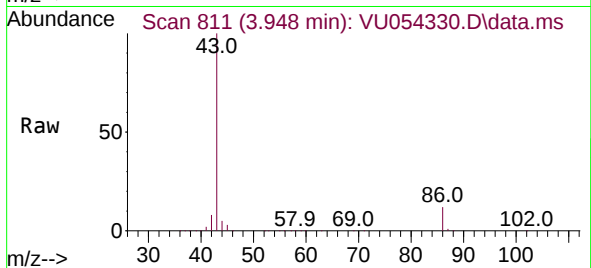




#23
 Vinyl Acetate
 Concen: 257.392 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

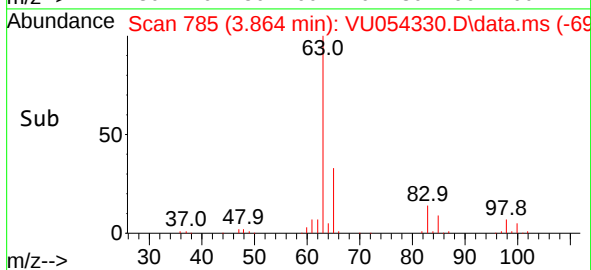
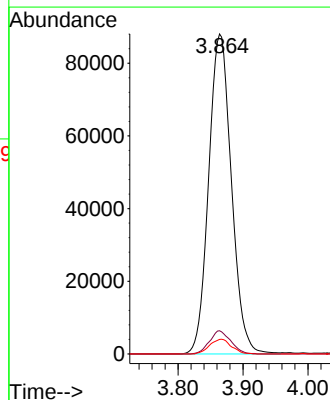
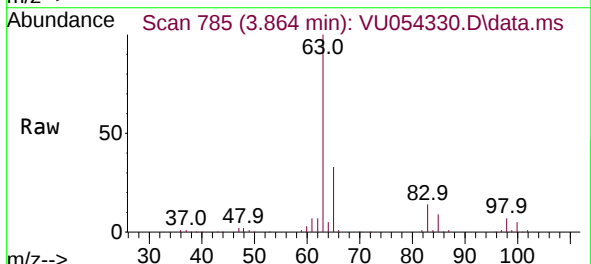
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

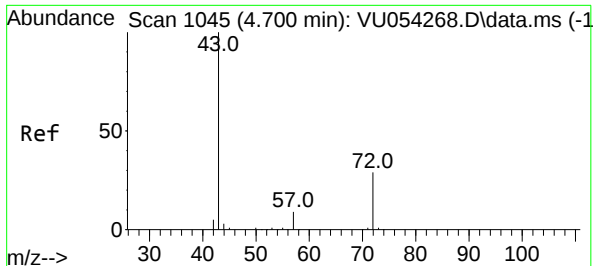
Tgt Ion: 43 Resp: 1396825
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 44.961 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion: 63 Resp: 214114
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 276.720 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

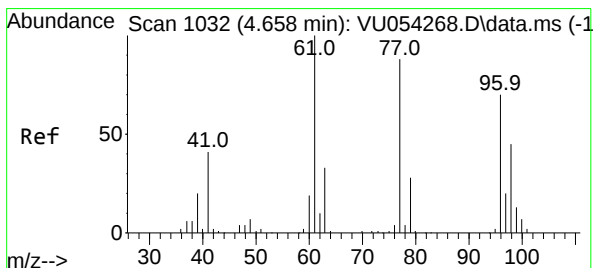
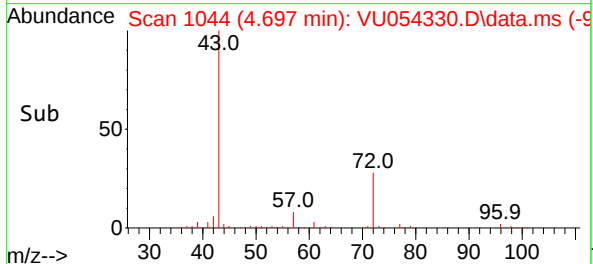
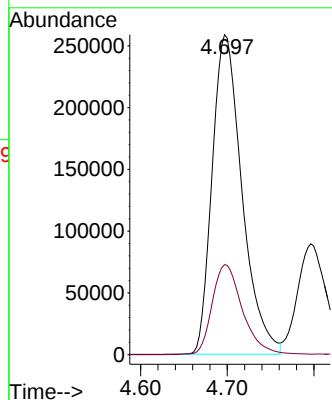
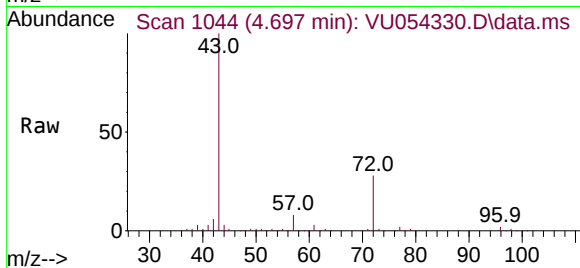
VSTDCCC050

Tgt Ion: 43 Resp: 619393

Ion Ratio Lower Upper

43 100

72 28.0 23.8 35.6



#26

2,2-Dichloropropane

Concen: 40.995 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054330.D

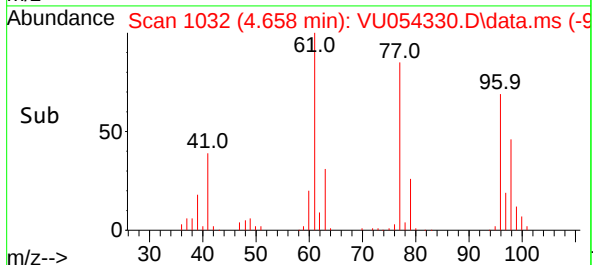
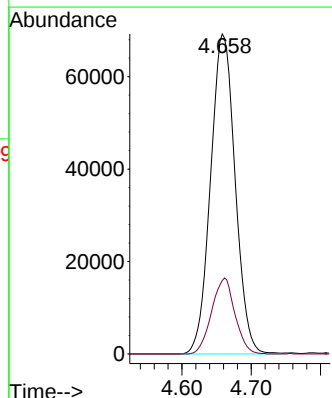
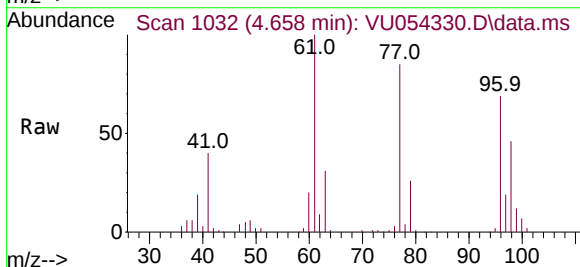
Acq: 31 May 2023 11:28

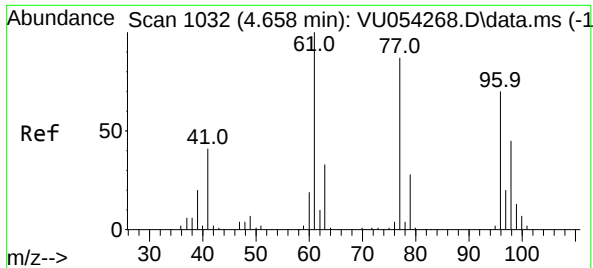
Tgt Ion: 77 Resp: 170610

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8

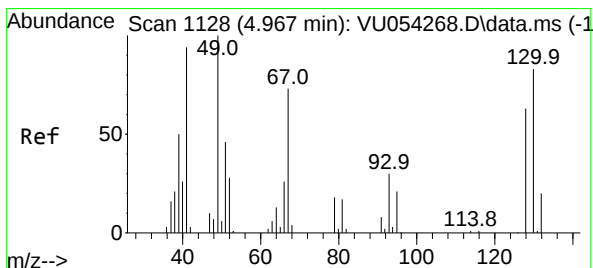
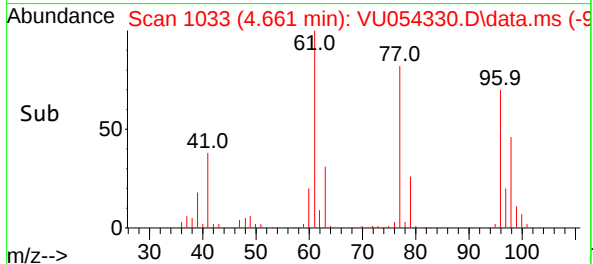
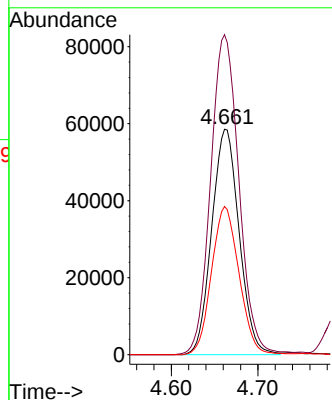
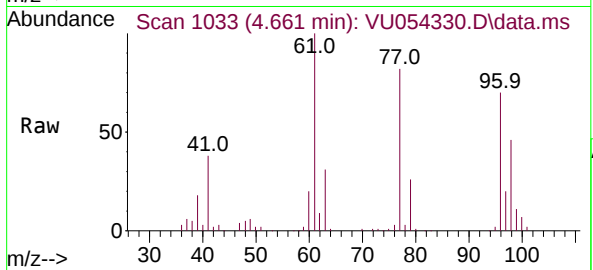




#27
 cis-1,2-Dichloroethene
 Concen: 44.758 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

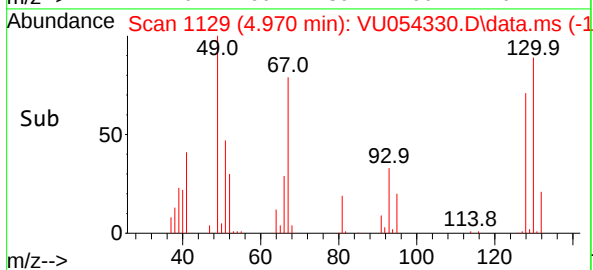
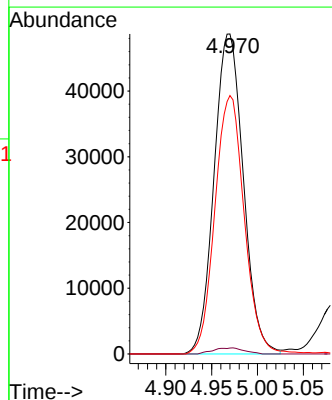
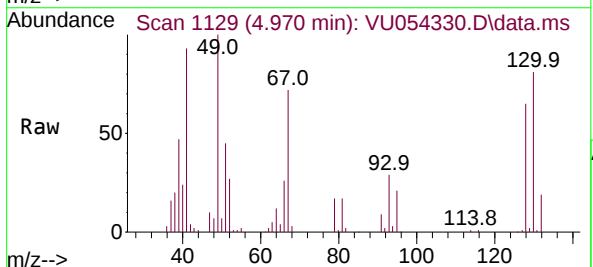
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

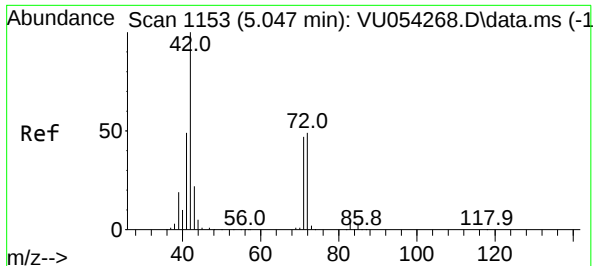
Tgt Ion: 96 Resp: 129003
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 271.6
 98 65.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 48.987 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.003 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion: 49 Resp: 107952
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.0 76.9 115.3





#29

Tetrahydrofuran

Concen: 261.327 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

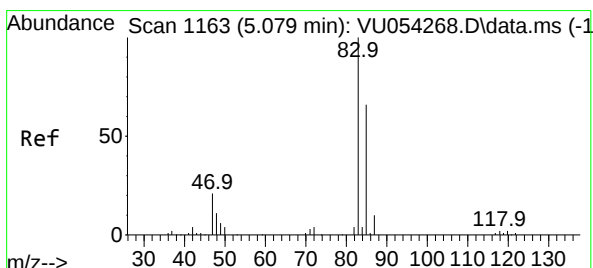
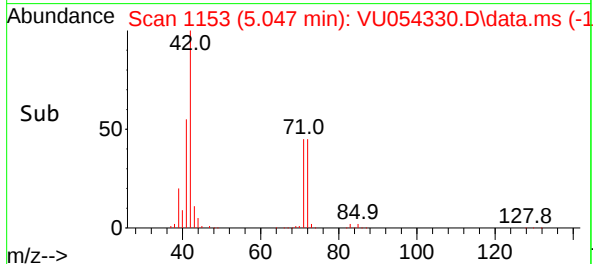
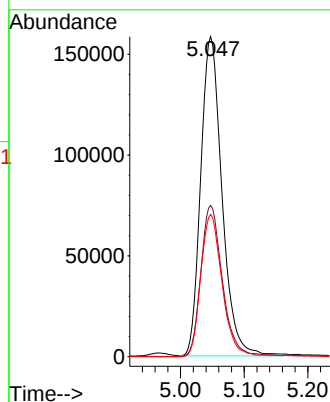
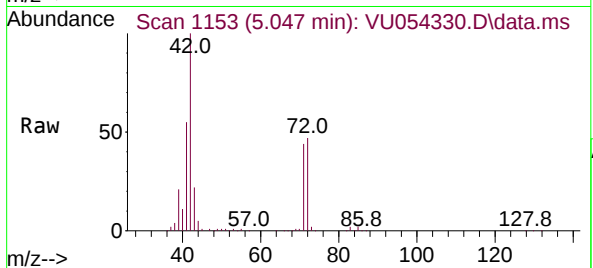
Tgt Ion: 42 Resp: 367680

Ion Ratio Lower Upper

42 100

72 48.1 42.6 63.8

71 44.4 40.3 60.5



#30

Chloroform

Concen: 44.085 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054330.D

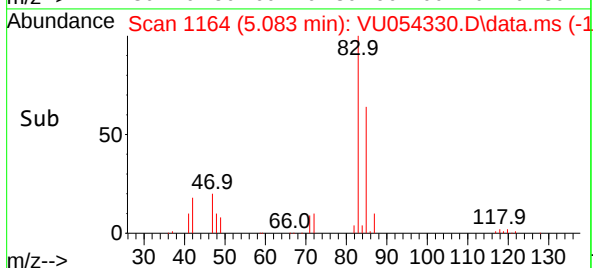
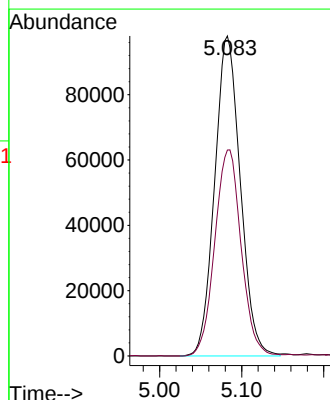
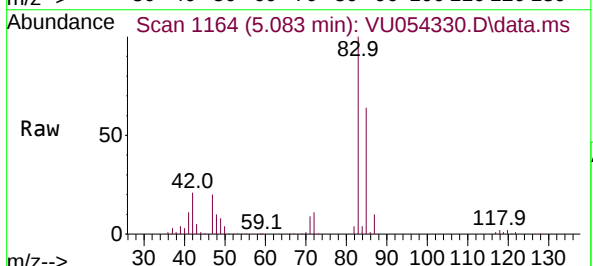
Acq: 31 May 2023 11:28

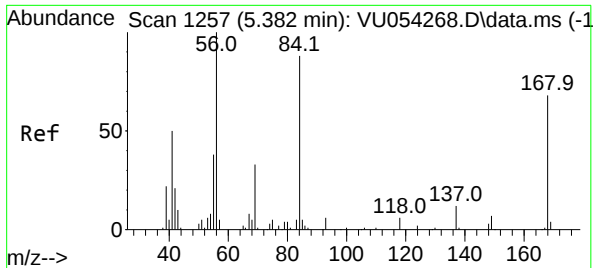
Tgt Ion: 83 Resp: 213412

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

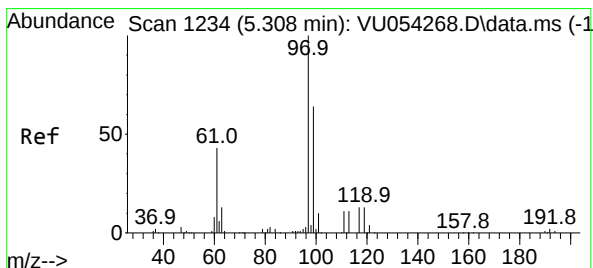
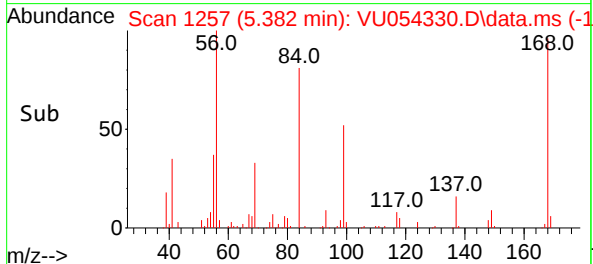
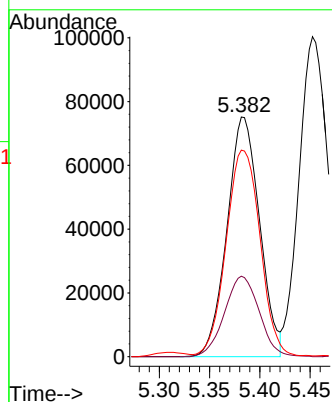
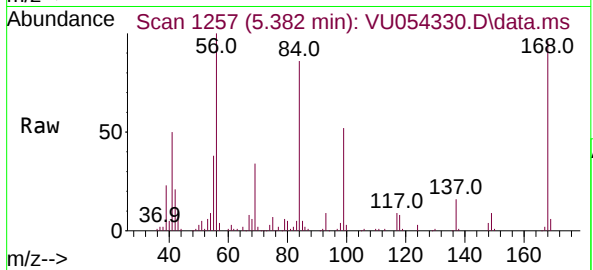




#31
Cyclohexane
Concen: 40.717 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

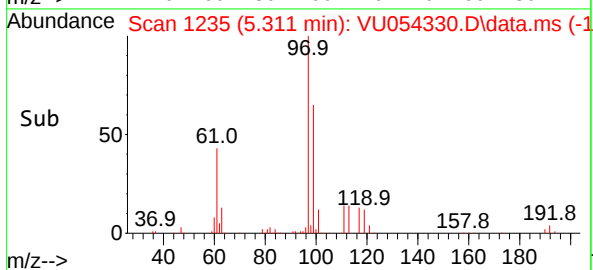
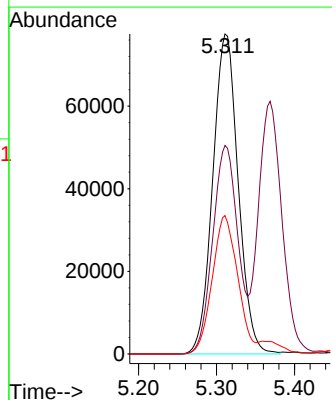
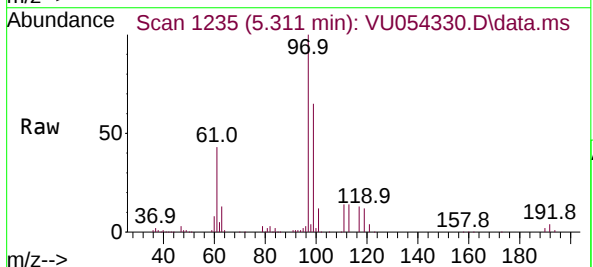
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

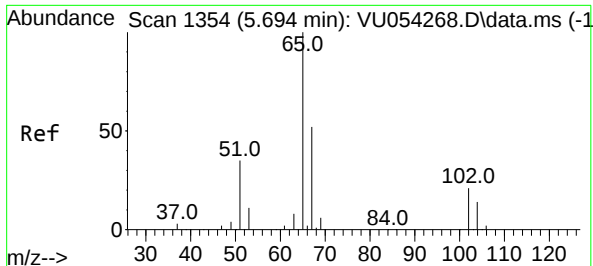
Tgt Ion: 56 Resp: 169567
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.8
84 84.7 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 41.880 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 97 Resp: 176010
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.632 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

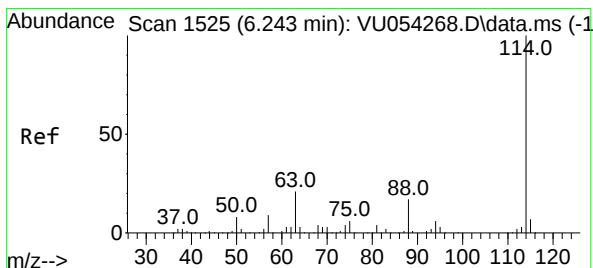
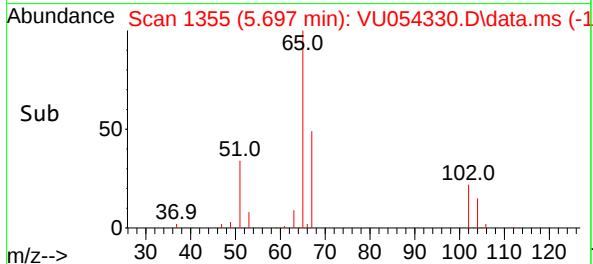
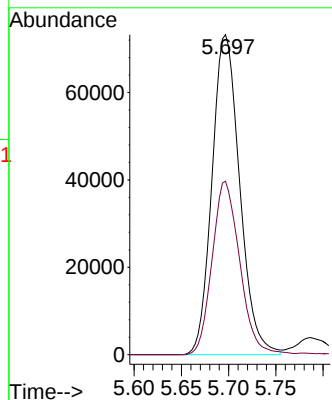
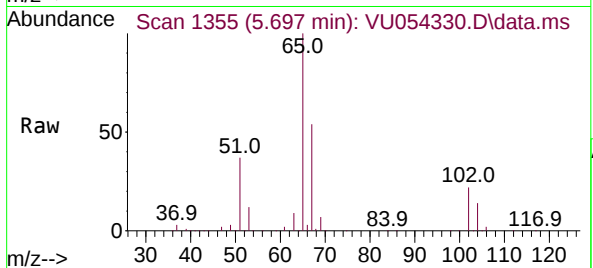
VSTDCCC050

Tgt Ion: 65 Resp: 149332

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

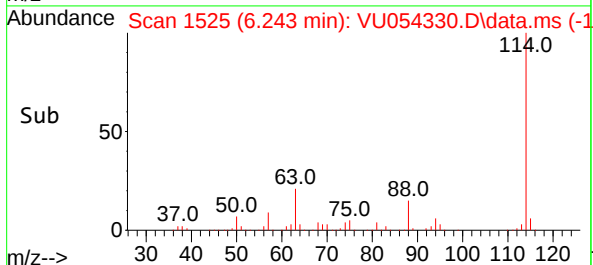
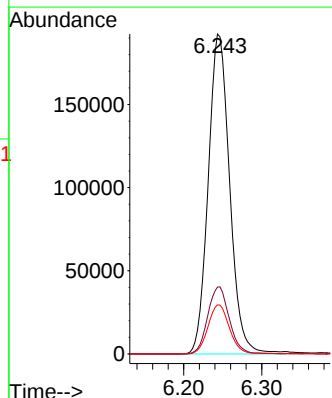
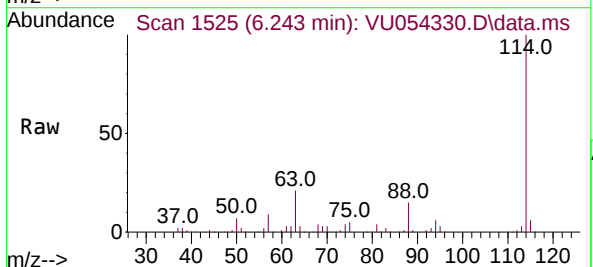
Tgt Ion: 114 Resp: 367496

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 15.4 0.0 29.2

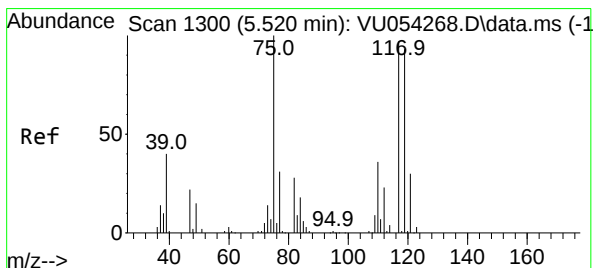
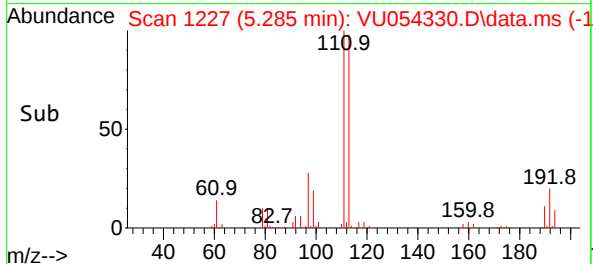
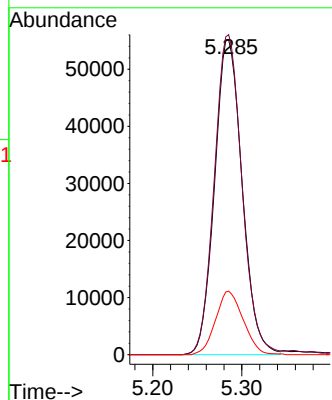
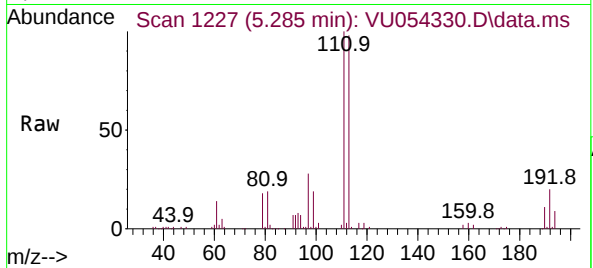




#35
Dibromofluoromethane
Concen: 50.067 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

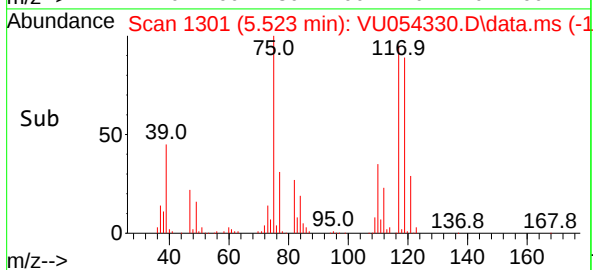
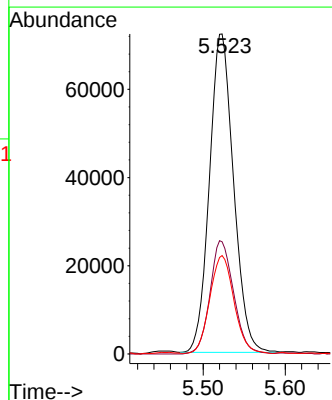
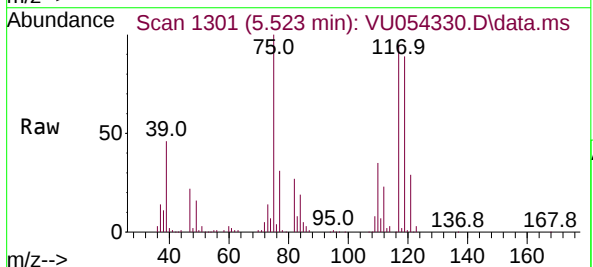
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

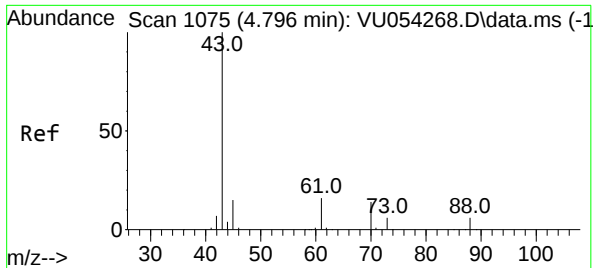
Tgt Ion:113 Resp: 118489
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 20.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 39.784 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 75 Resp: 147881
Ion Ratio Lower Upper
75 100
110 34.7 18.4 55.2
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 45.630 ug/l

RT: 4.796 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

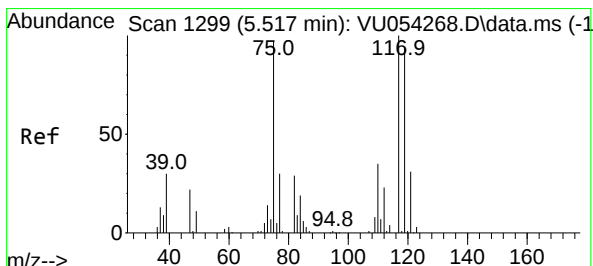
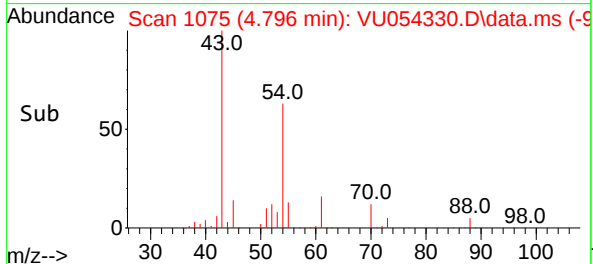
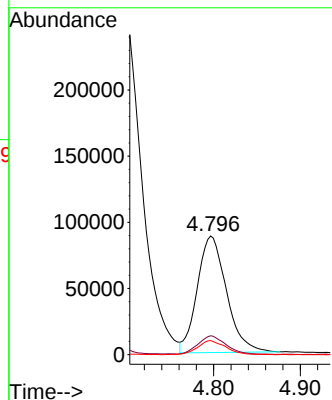
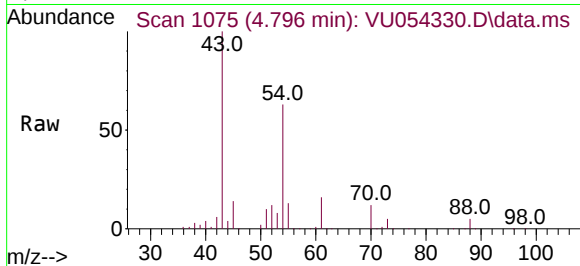
Tgt Ion: 43 Resp: 206708

Ion Ratio Lower Upper

43 100

61 15.3 9.5 14.3#

70 11.6 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 40.187 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

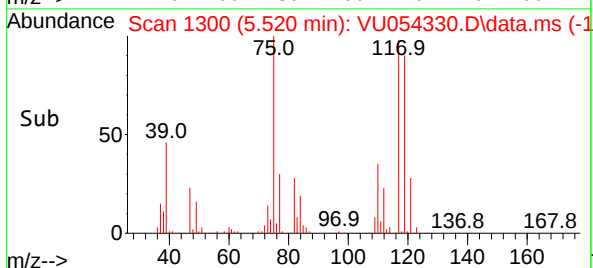
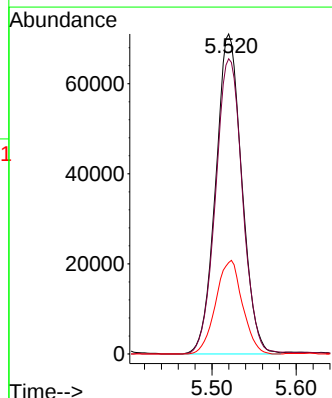
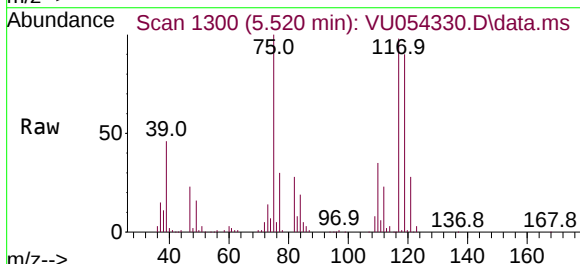
Tgt Ion: 117 Resp: 152899

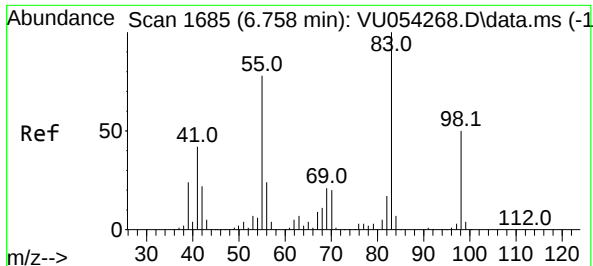
Ion Ratio Lower Upper

117 100

119 92.3 76.8 115.2

121 28.6 24.7 37.1





#39

Methylcyclohexane

Concen: 41.096 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

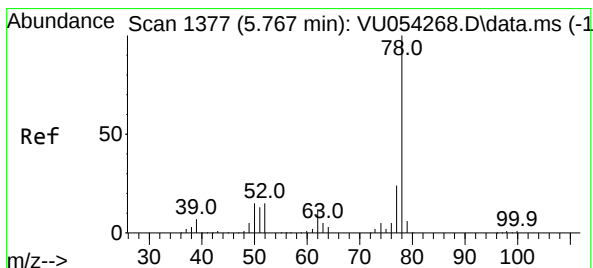
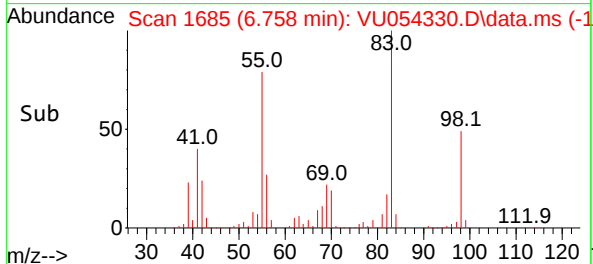
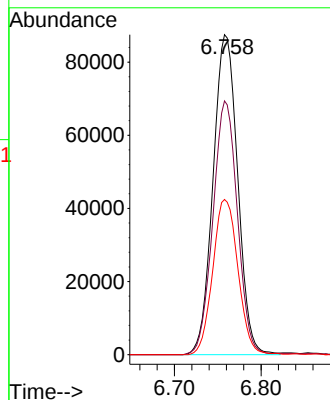
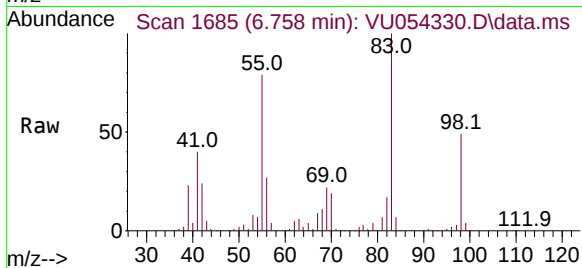
Tgt Ion: 83 Resp: 173023

Ion Ratio Lower Upper

83 100

55 79.3 55.3 82.9

98 48.5 37.3 55.9



#40

Benzene

Concen: 43.807 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.004 min

Lab File: VU054330.D

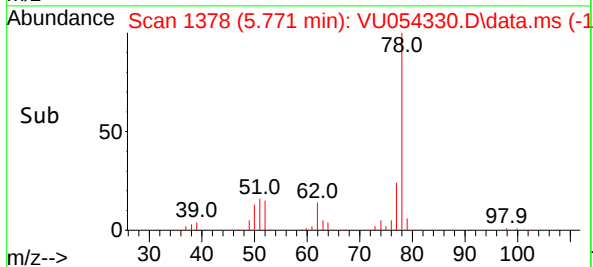
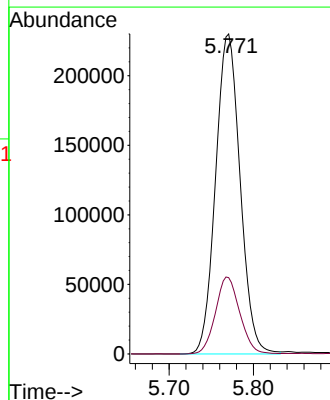
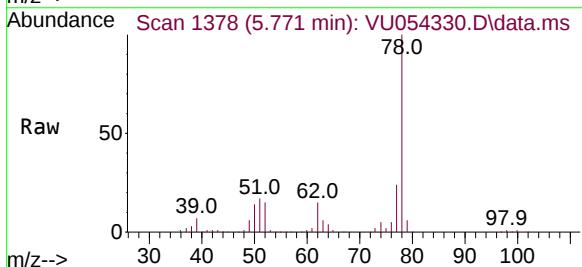
Acq: 31 May 2023 11:28

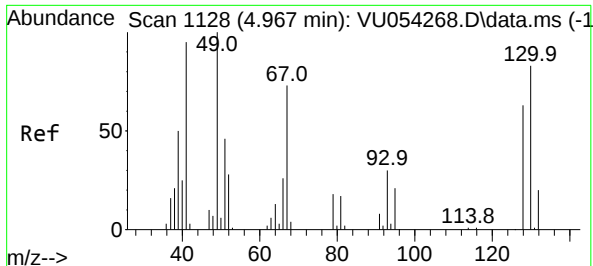
Tgt Ion: 78 Resp: 464475

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2



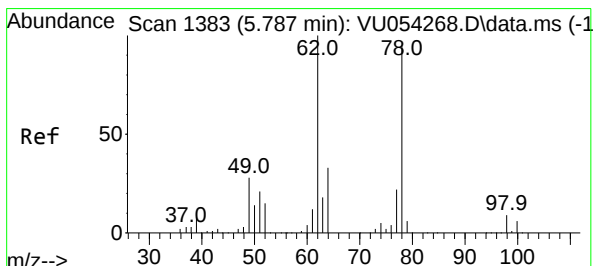
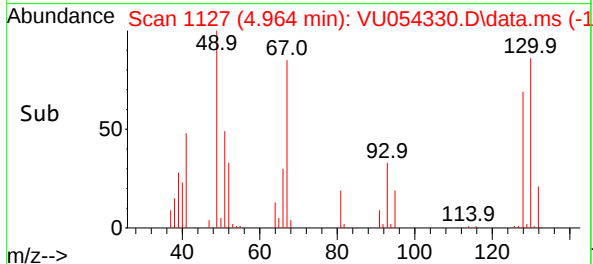
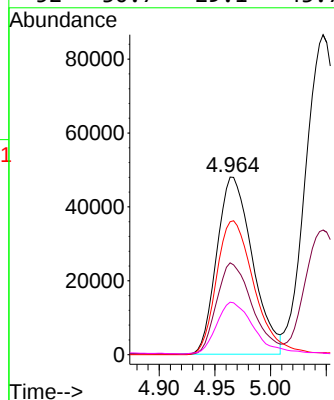
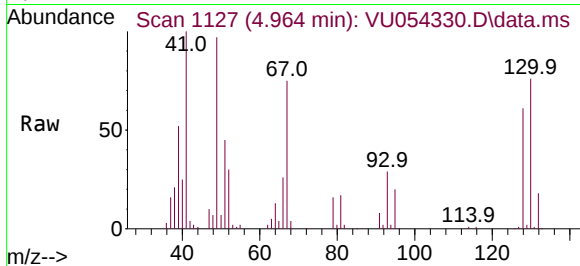


#41
Methacrylonitrile
Concen: 51.024 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 106827

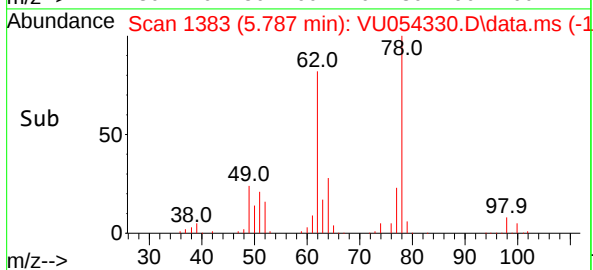
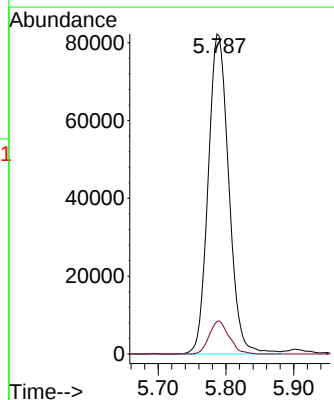
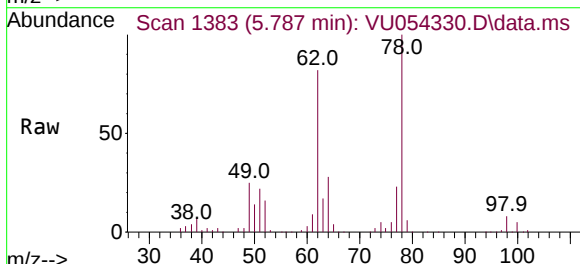
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.1	64.7
67	80.8	72.3	108.5
52	30.7	29.1	43.7



#42
1,2-Dichloroethane
Concen: 45.183 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 62 Resp: 174030

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 48.277 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

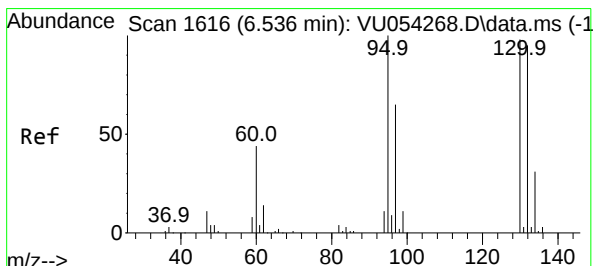
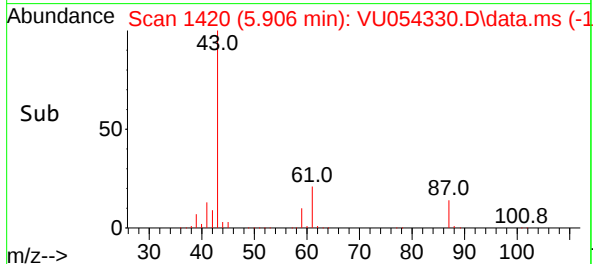
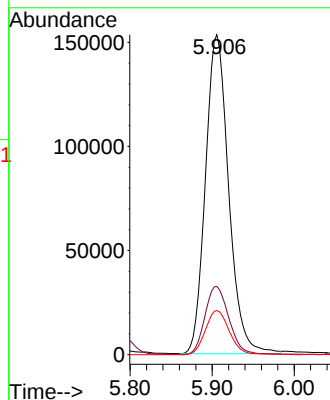
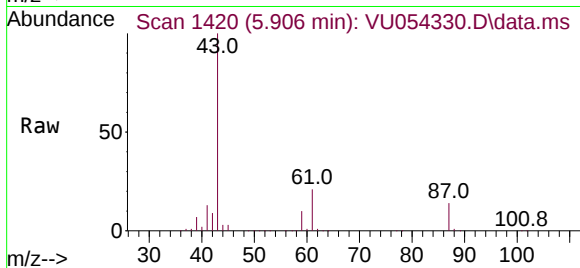
Tgt Ion: 43 Resp: 301663

Ion Ratio Lower Upper

43 100

61 22.3 17.4 26.0

87 14.3 12.6 18.8



#44

Trichloroethene

Concen: 40.374 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054330.D

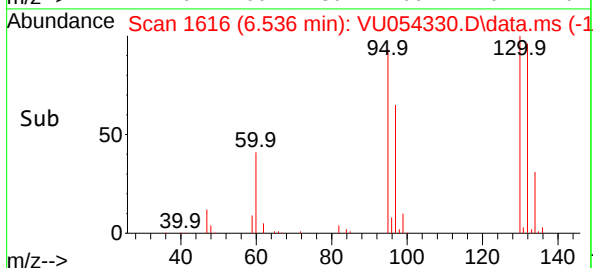
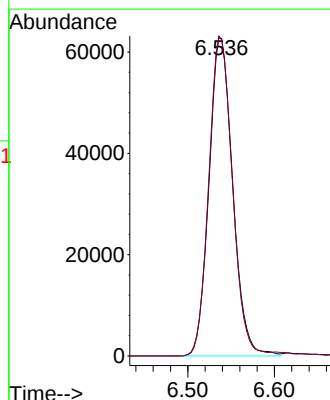
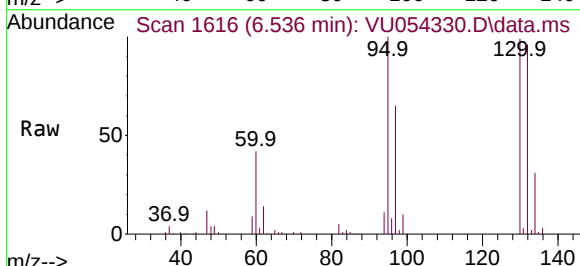
Acq: 31 May 2023 11:28

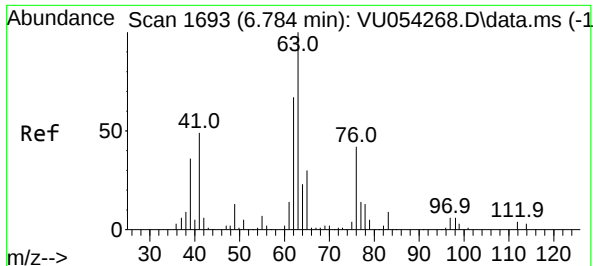
Tgt Ion:130 Resp: 119661

Ion Ratio Lower Upper

130 100

95 100.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 45.940 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

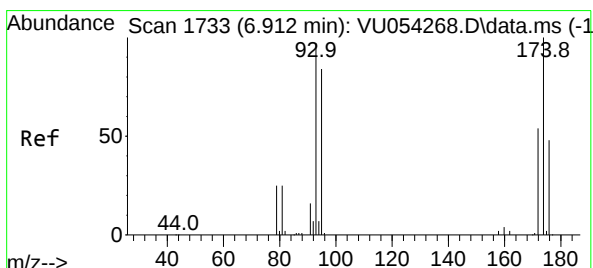
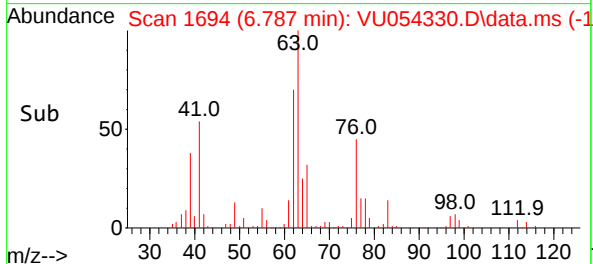
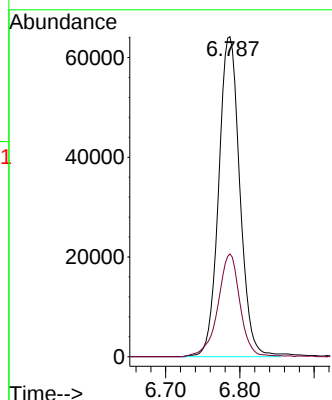
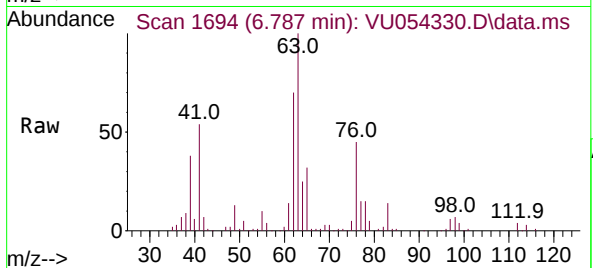
VSTDCCC050

Tgt Ion: 63 Resp: 127067

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 45.443 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

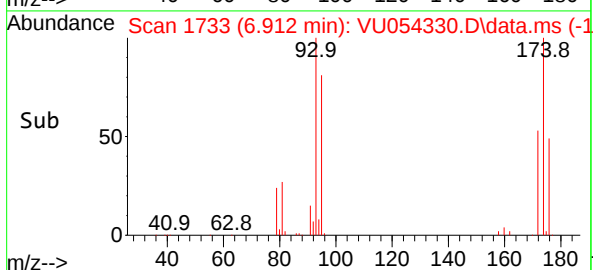
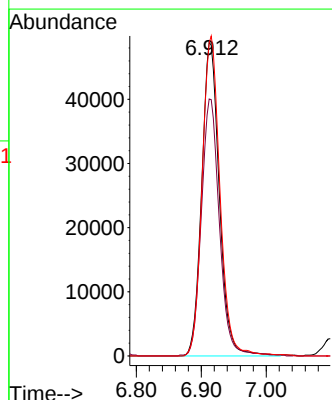
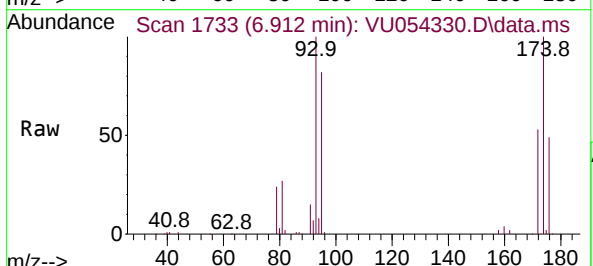
Tgt Ion: 93 Resp: 92521

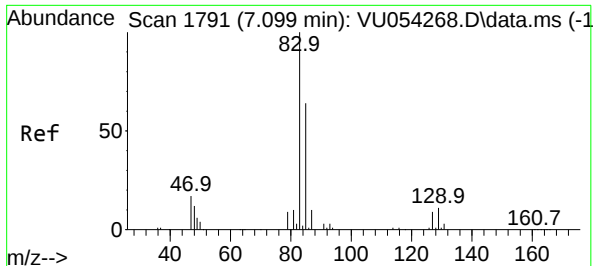
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 102.7 88.2 132.4

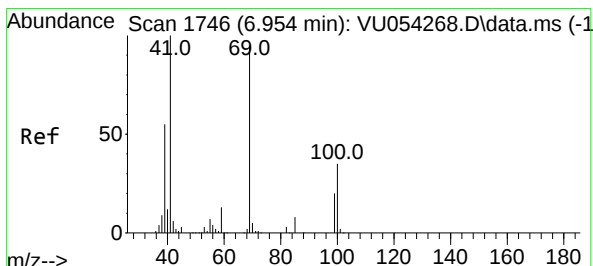
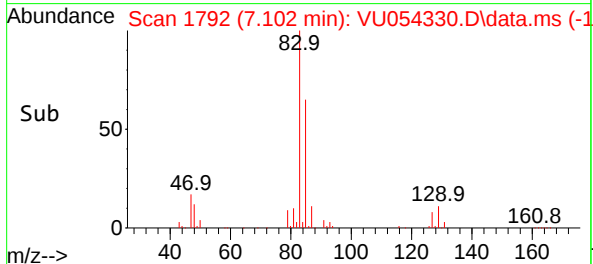
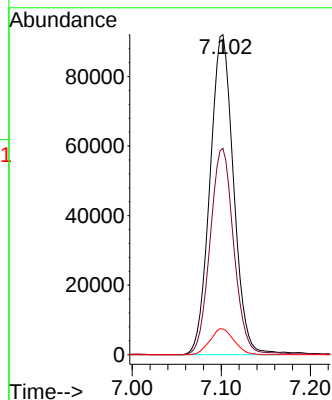
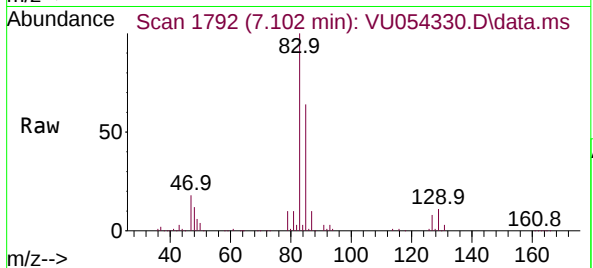




#47
Bromodichloromethane
Concen: 44.520 ug/l
RT: 7.102 min Scan# 1791
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

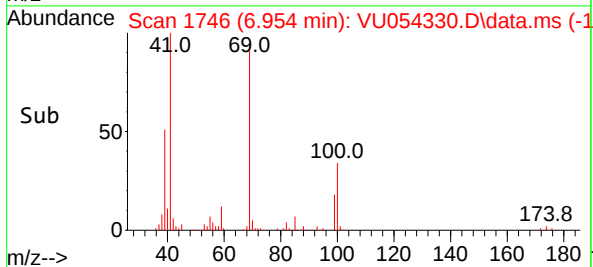
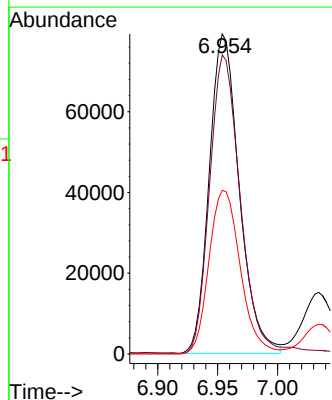
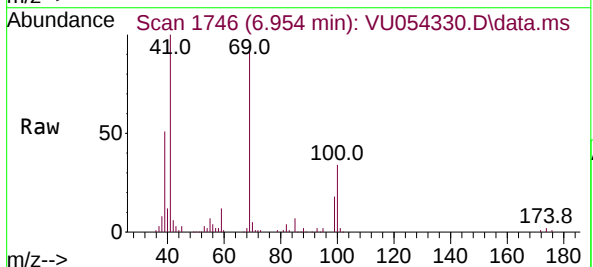
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

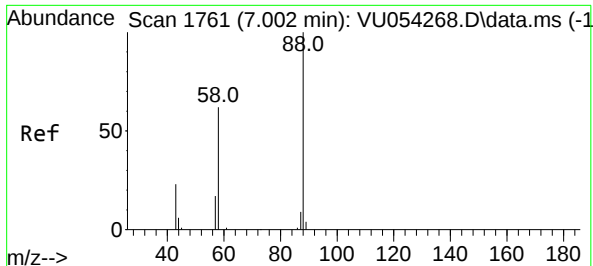
Tgt Ion: 83 Resp: 169515
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 49.663 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 41 Resp: 137622
Ion Ratio Lower Upper
41 100
69 97.6 79.8 119.6
39 53.0 47.9 71.9





#49

1,4-Dioxane

Concen: 1016.532 ug/l

RT: 6.996 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

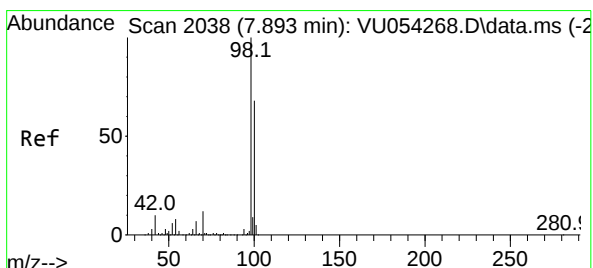
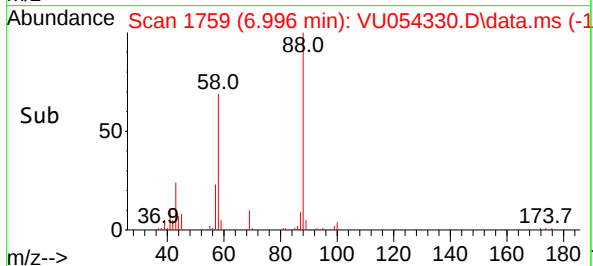
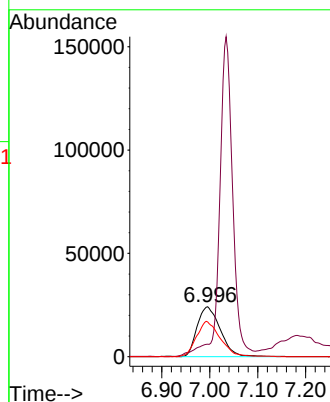
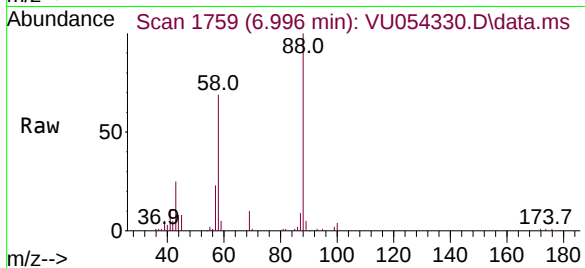
Tgt Ion: 88 Resp: 81322

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.2 15.4 23.0#



#50

Toluene-d8

Concen: 48.803 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054330.D

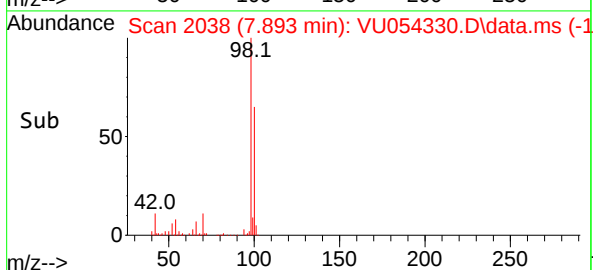
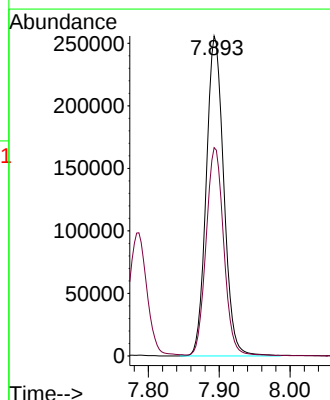
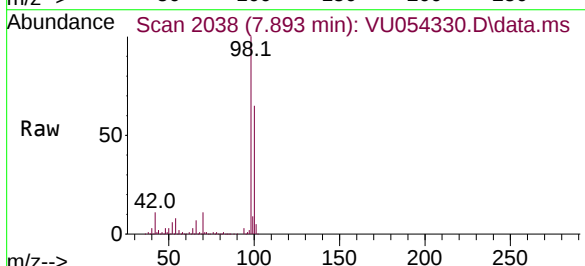
Acq: 31 May 2023 11:28

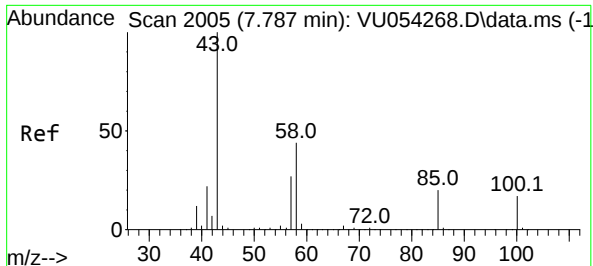
Tgt Ion: 98 Resp: 439310

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 248.986 ug/l

RT: 7.783 min Scan# 2004

Delta R.T. -0.004 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

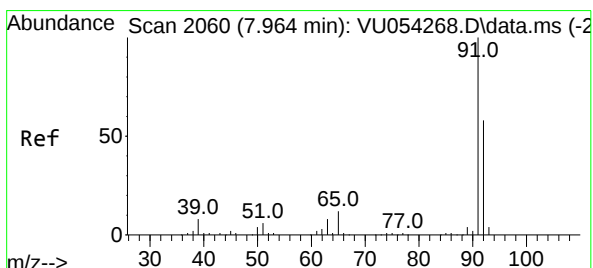
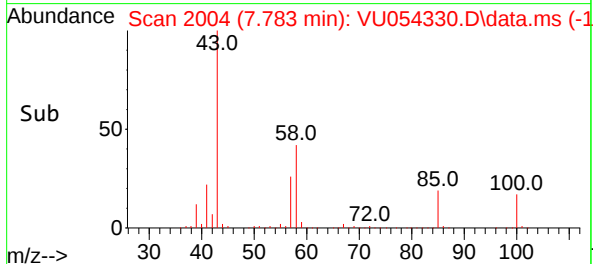
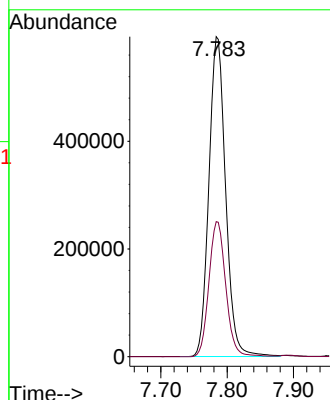
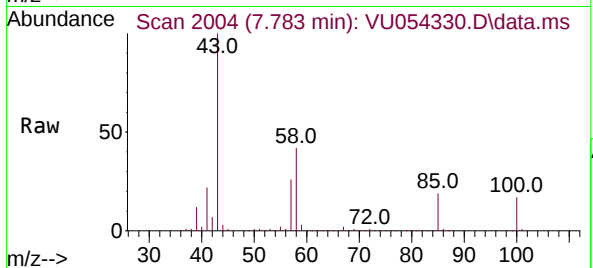
VSTDCCC050

Tgt Ion: 43 Resp: 1038260

Ion Ratio Lower Upper

43 100

58 42.6 34.7 52.1



#52

Toluene

Concen: 43.280 ug/l

RT: 7.963 min Scan# 2060

Delta R.T. -0.001 min

Lab File: VU054330.D

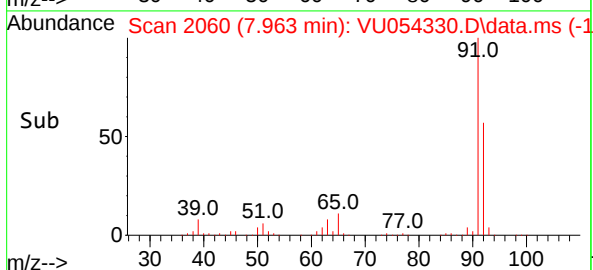
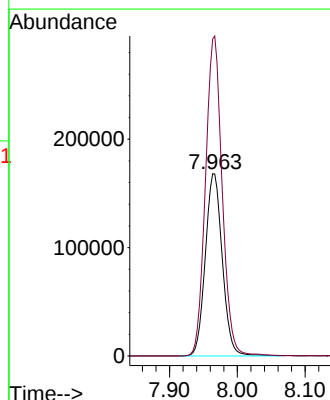
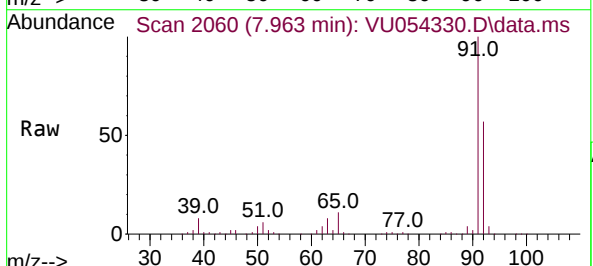
Acq: 31 May 2023 11:28

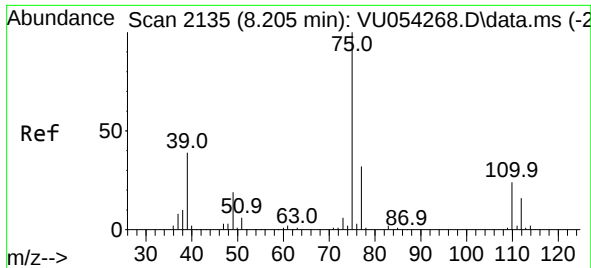
Tgt Ion: 92 Resp: 292602

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4

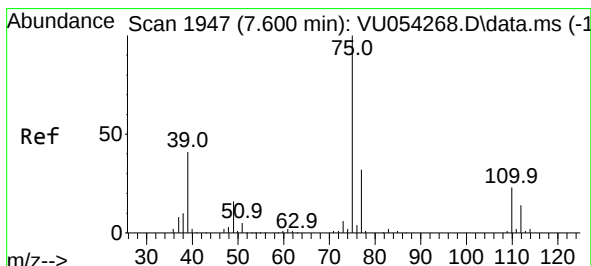
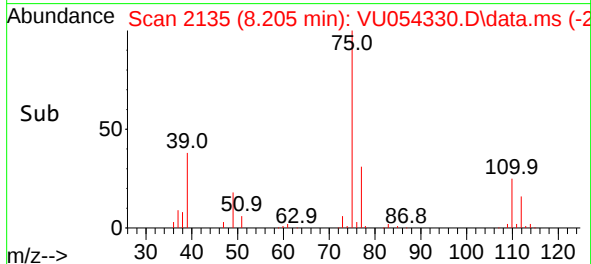
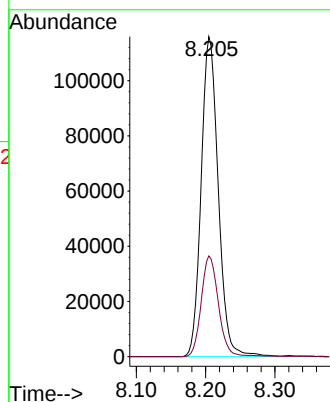
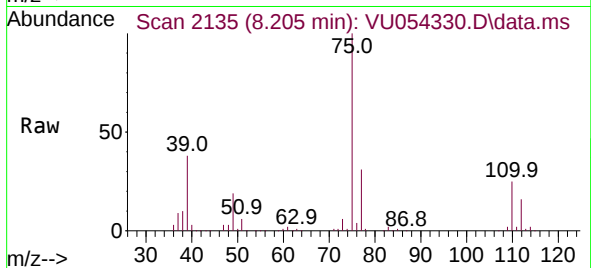




#53
 t-1,3-Dichloropropene
 Concen: 45.563 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

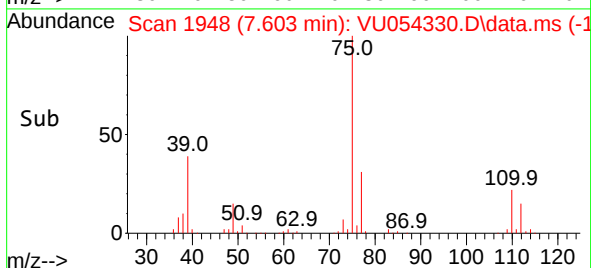
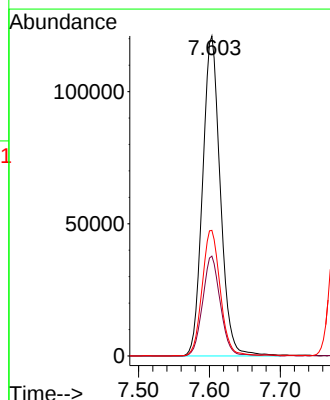
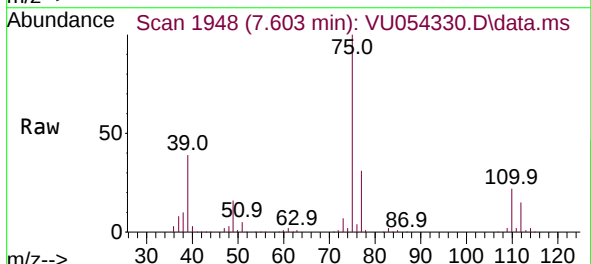
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

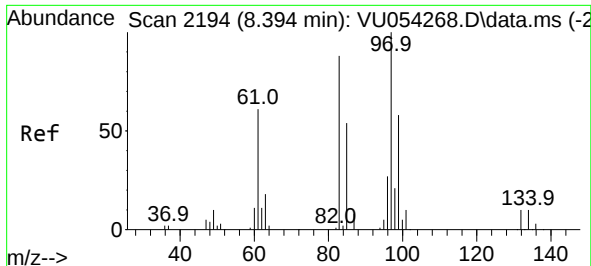
Tgt Ion: 75 Resp: 198481
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 46.158 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. 0.003 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion: 75 Resp: 209841
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 39.2 33.0 49.6



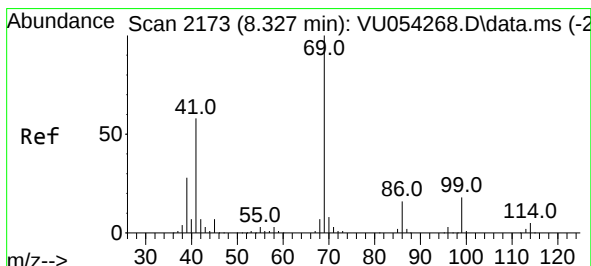
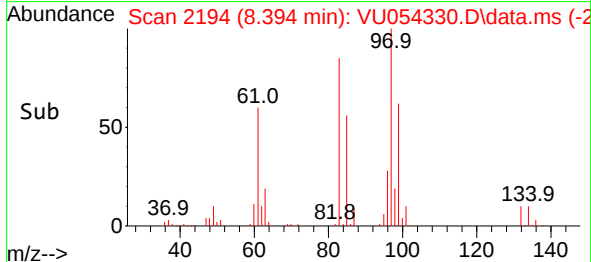
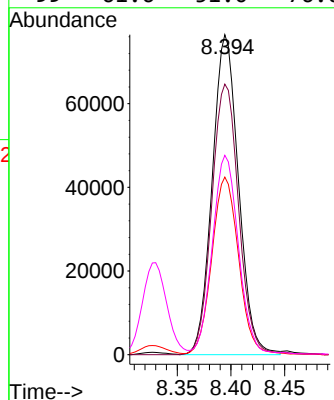
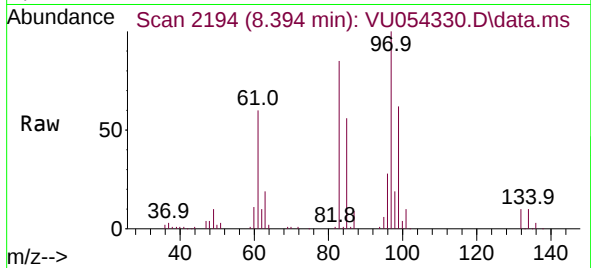


#55
1,1,2-Trichloroethane
Concen: 46.413 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130038

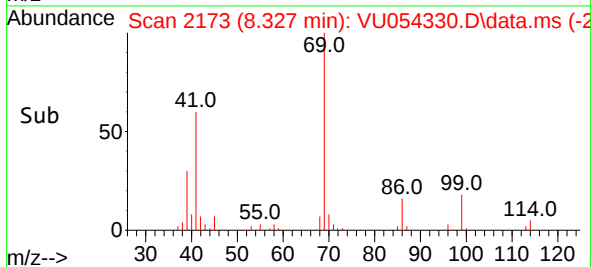
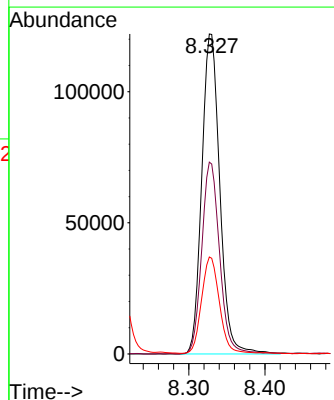
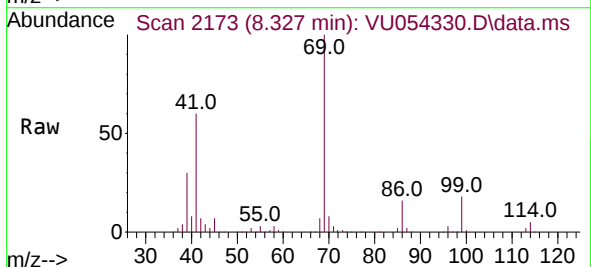
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.4
85	55.0	44.6	66.8
99	61.6	51.0	76.6

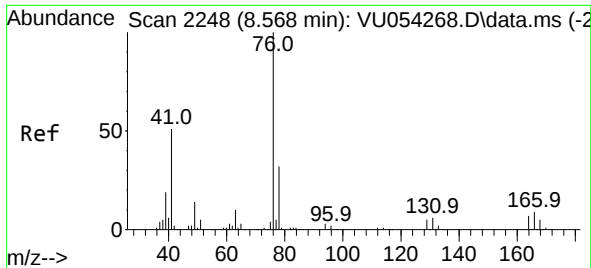


#56
Ethyl methacrylate
Concen: 48.212 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 69 Resp: 201070

Ion	Ratio	Lower	Upper
69	100		
41	59.4	45.4	68.0
39	29.4	25.7	38.5





#57

1,3-Dichloropropane

Concen: 46.535 ug/l

RT: 8.571 min Scan# 2248

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

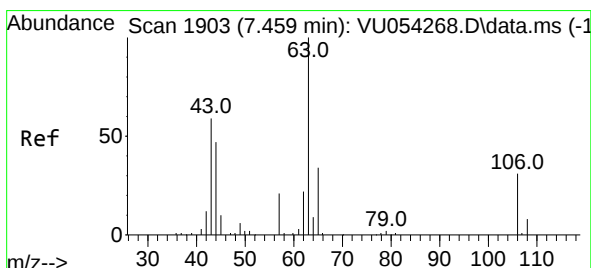
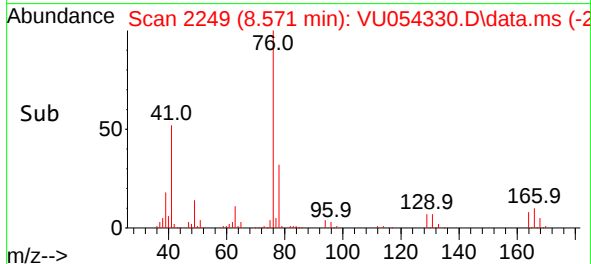
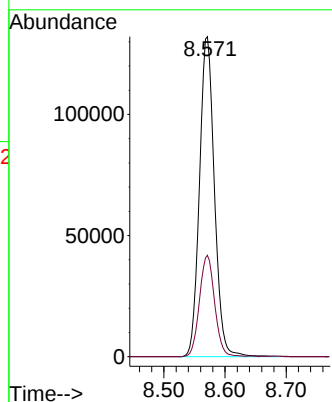
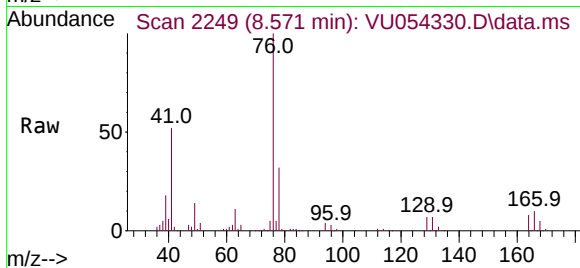
VSTDCCC050

Tgt Ion: 76 Resp: 224529

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 162.132 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054330.D

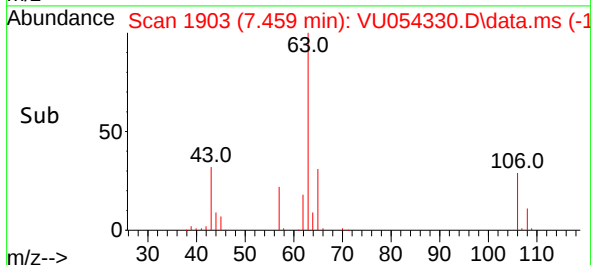
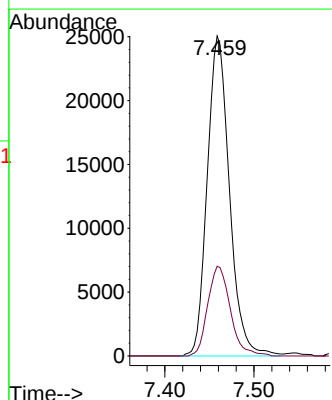
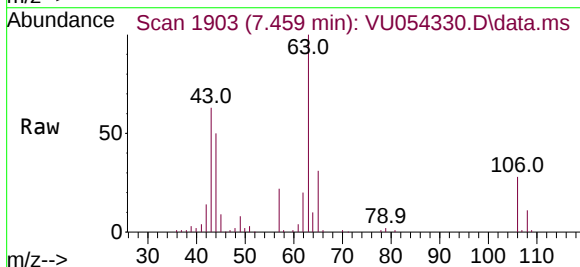
Acq: 31 May 2023 11:28

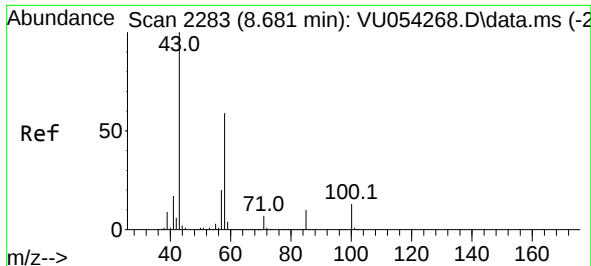
Tgt Ion: 63 Resp: 43353

Ion Ratio Lower Upper

63 100

106 28.6 23.1 34.7

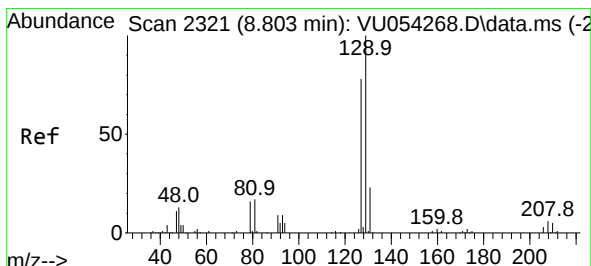
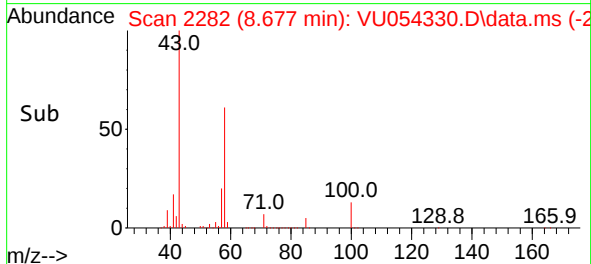
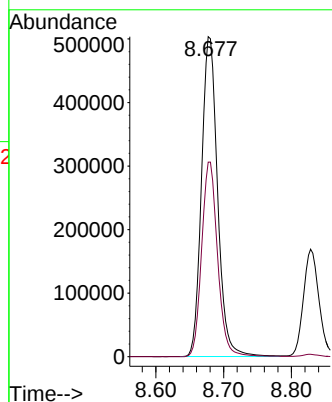
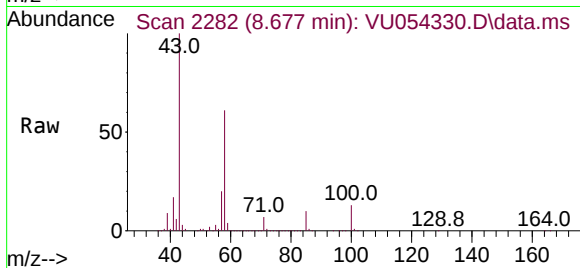




#59
2-Hexanone
Concen: 251.524 ug/l
RT: 8.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

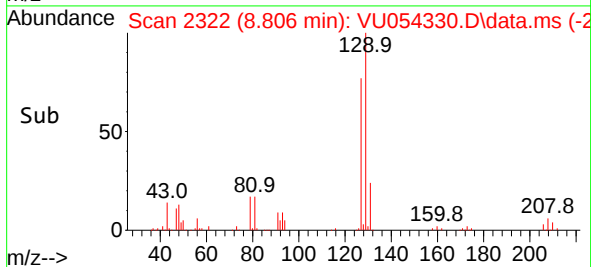
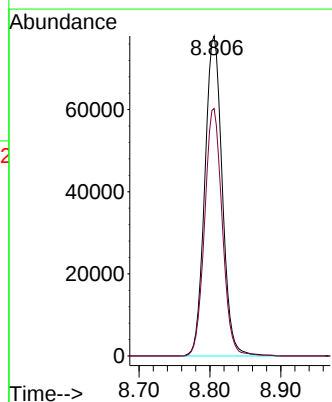
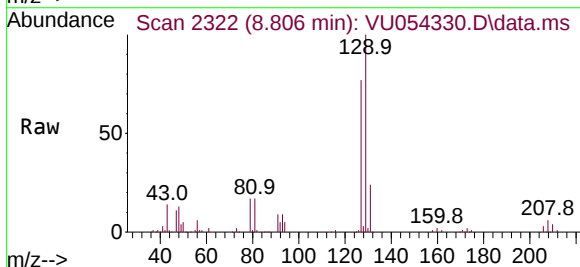
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

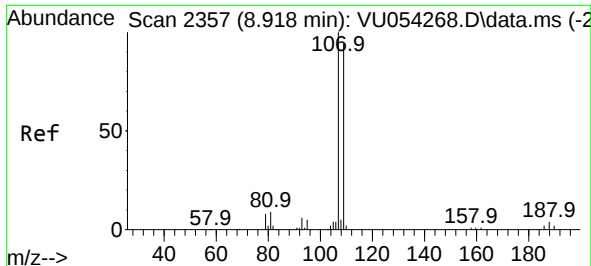
Tgt Ion: 43 Resp: 828538
Ion Ratio Lower Upper
43 100
58 60.4 30.3 90.8



#60
Dibromochloromethane
Concen: 46.778 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:129 Resp: 133157
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

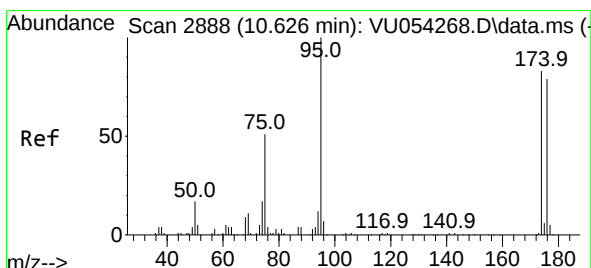
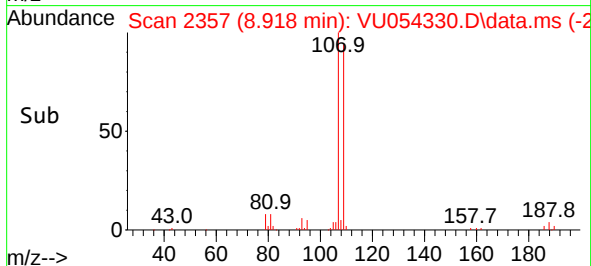
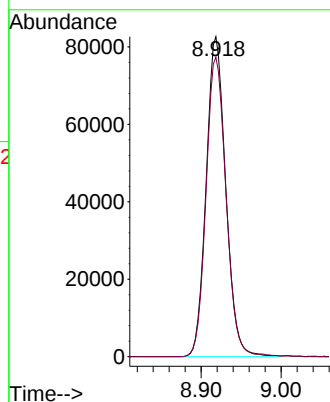
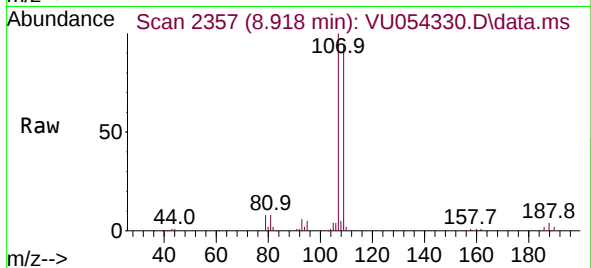




#61
1,2-Dibromoethane
Concen: 46.209 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

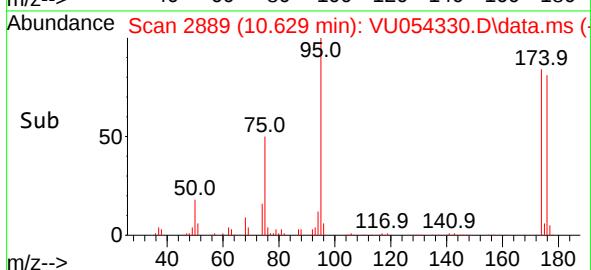
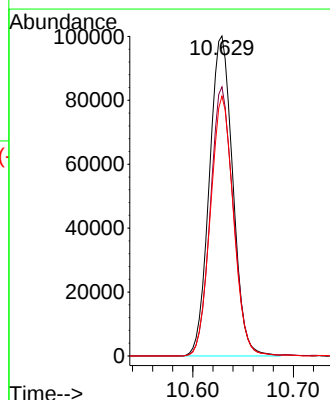
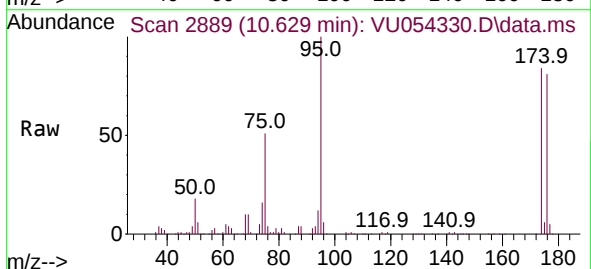
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

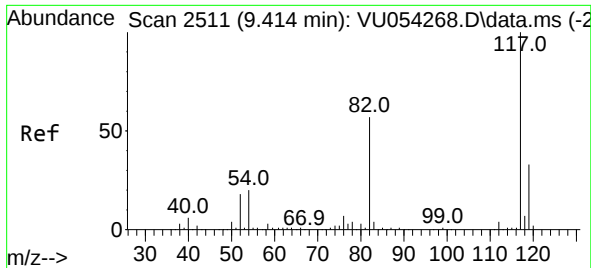
Tgt Ion:107 Resp: 140903
Ion Ratio Lower Upper
107 100
109 95.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.449 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 95 Resp: 162125
Ion Ratio Lower Upper
95 100
174 82.3 0.0 182.0
176 80.0 0.0 177.8

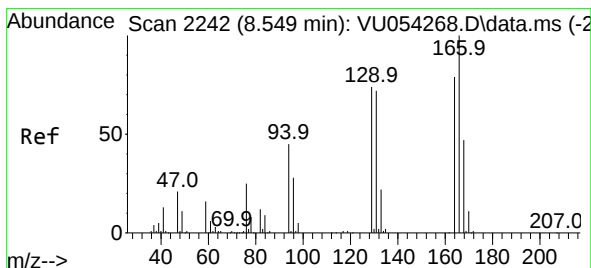
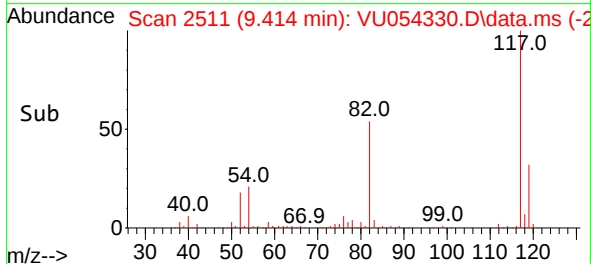
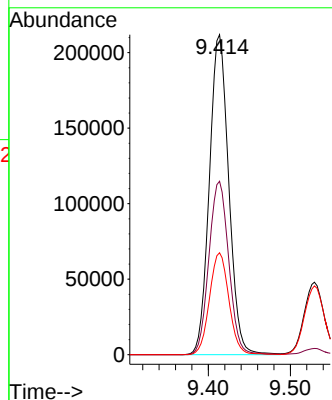
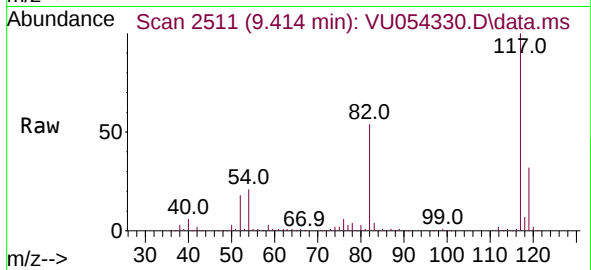




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

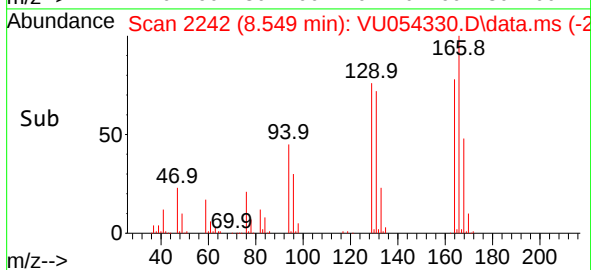
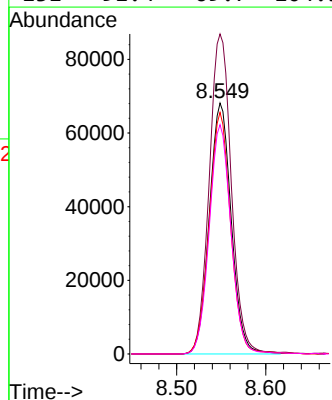
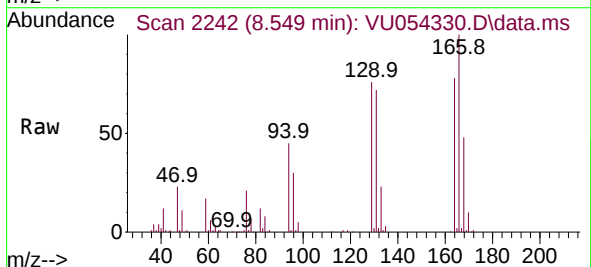
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

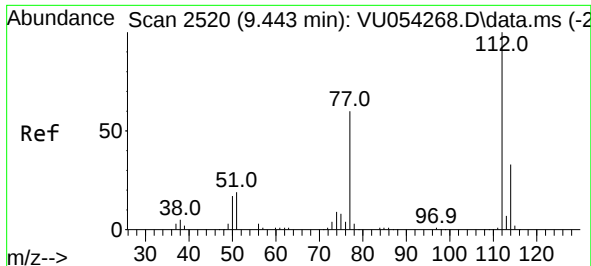
Tgt Ion:117 Resp: 348277
Ion Ratio Lower Upper
117 100
82 54.2 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 44.538 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:164 Resp: 116744
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 96.3 72.0 108.0
131 91.4 69.7 104.5

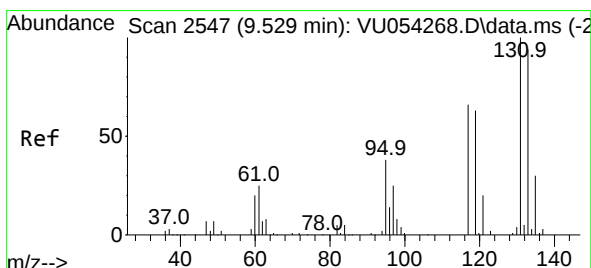
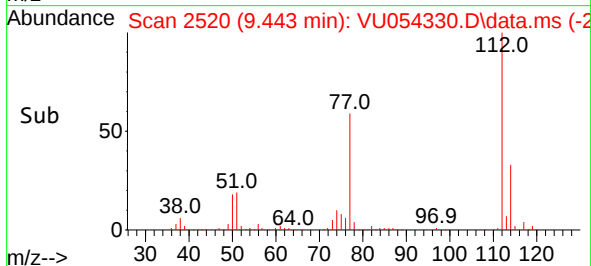
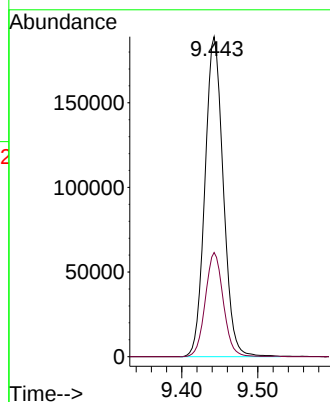
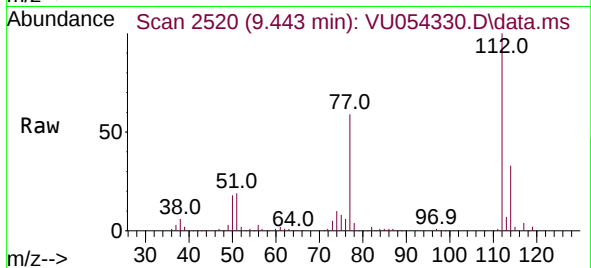




#65
Chlorobenzene
Concen: 43.506 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

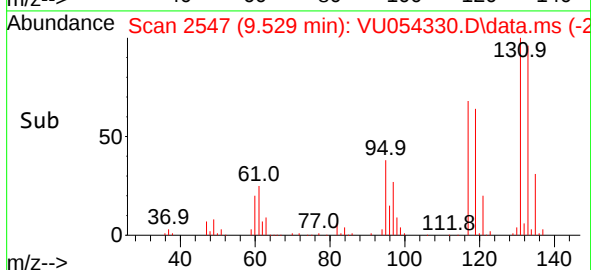
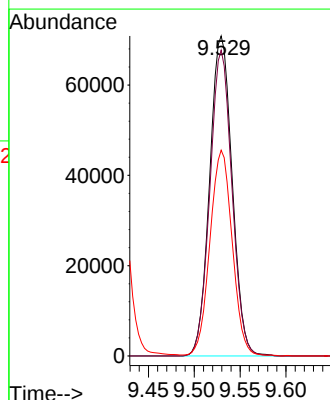
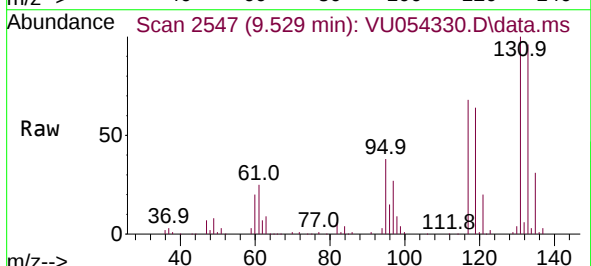
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

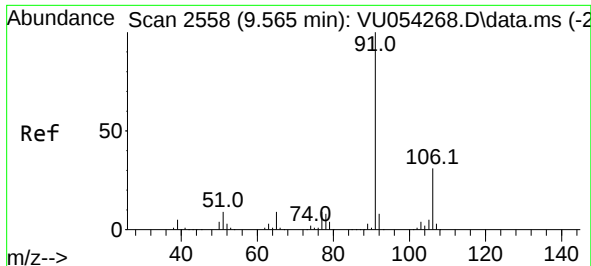
Tgt Ion:112 Resp: 316761
Ion Ratio Lower Upper
112 100
114 32.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.762 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:131 Resp: 120873
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.0
119 64.0 33.9 101.6





#67

Ethyl Benzene

Concen: 43.956 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

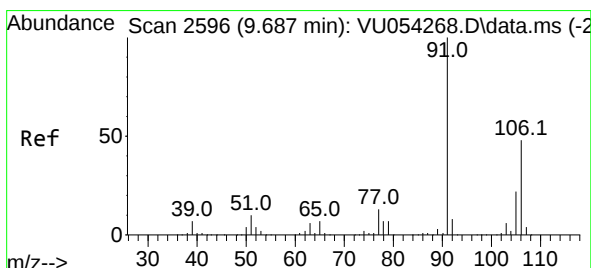
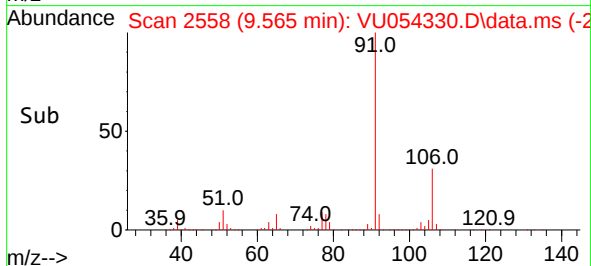
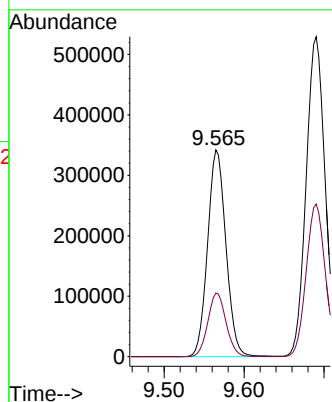
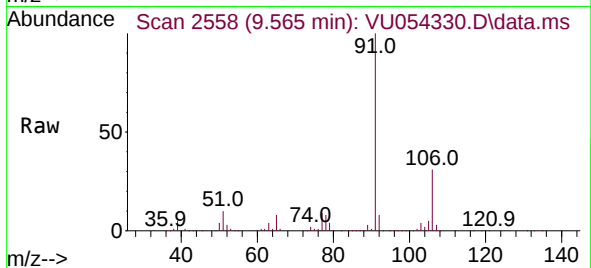
VSTDCCC050

Tgt Ion: 91 Resp: 547160

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 89.685 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054330.D

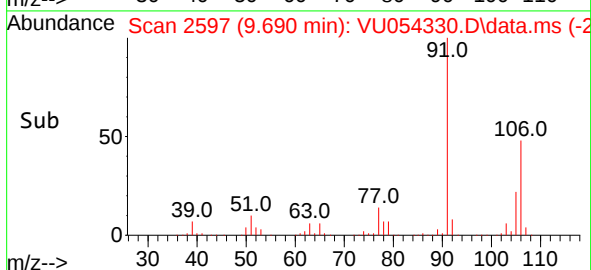
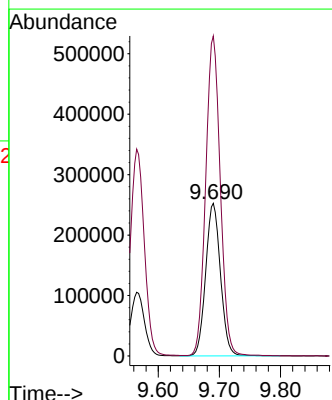
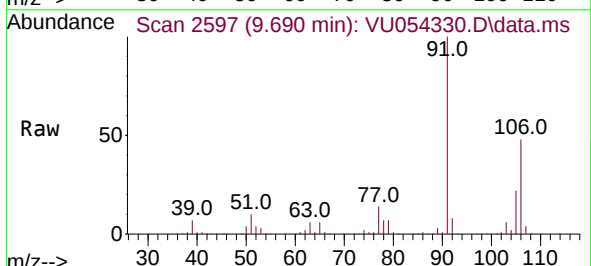
Acq: 31 May 2023 11:28

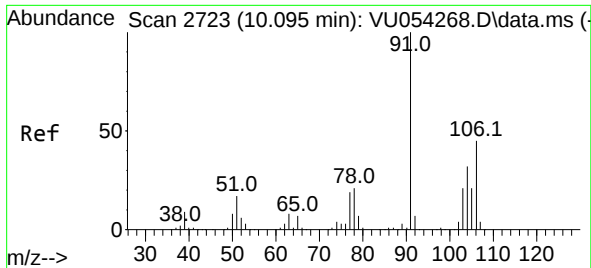
Tgt Ion: 106 Resp: 423161

Ion Ratio Lower Upper

106 100

91 207.5 157.2 235.8

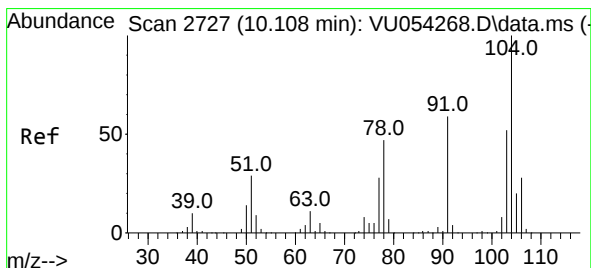
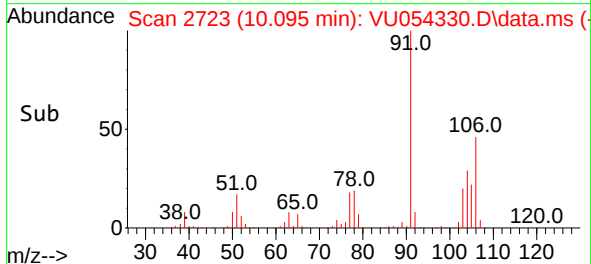
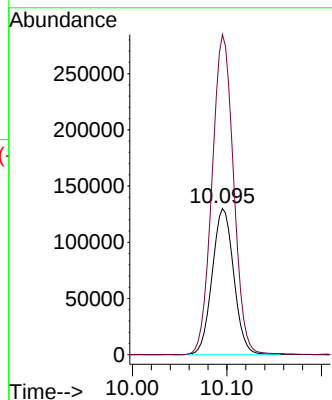
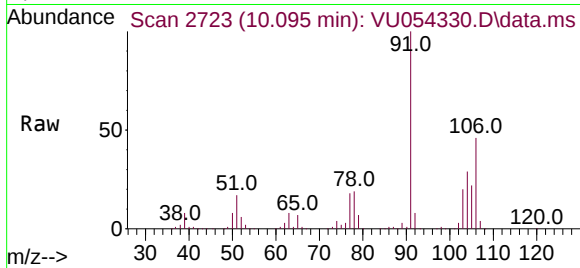




#69
o-Xylene
Concen: 45.151 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

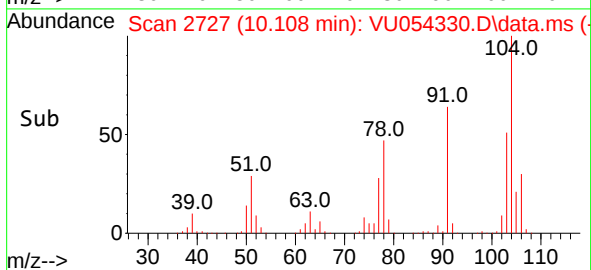
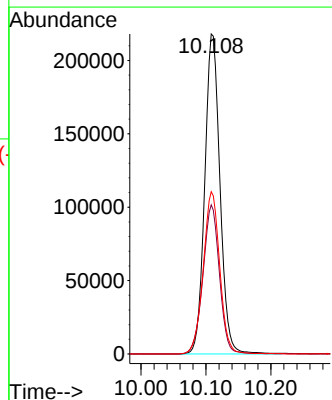
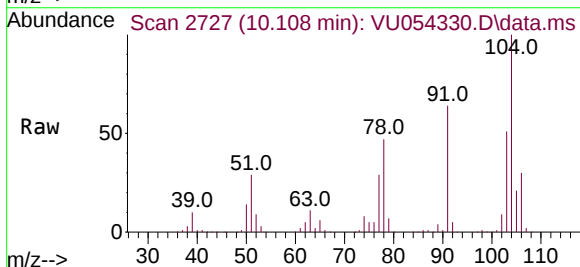
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

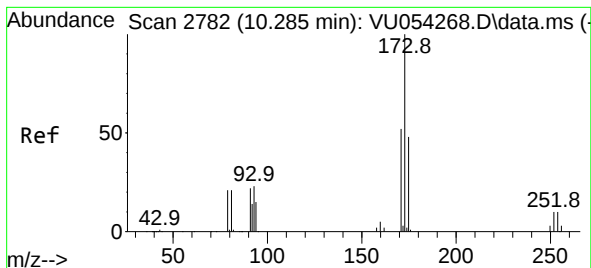
Tgt Ion:106 Resp: 206226
Ion Ratio Lower Upper
106 100
91 219.1 103.5 310.5



#70
Styrene
Concen: 47.147 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:104 Resp: 357120
Ion Ratio Lower Upper
104 100
78 50.1 38.0 57.0
103 54.7 43.9 65.9





#71

Bromoform

Concen: 47.839 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

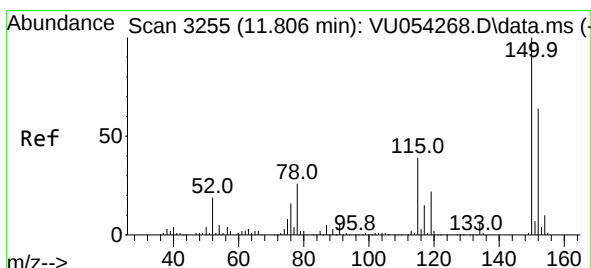
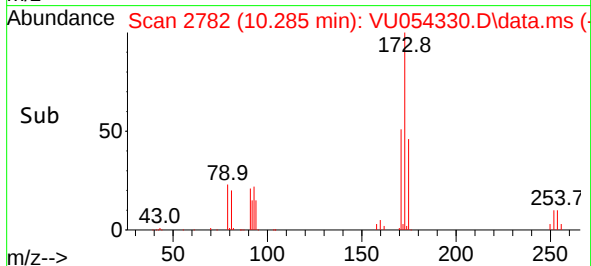
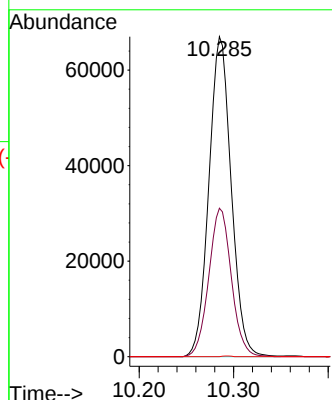
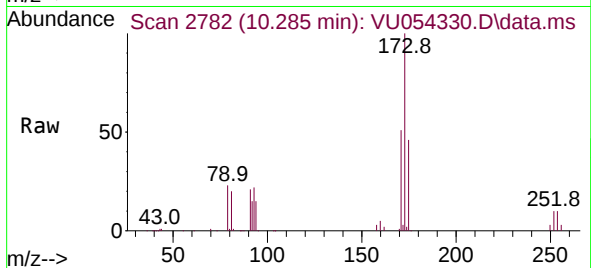
Tgt Ion:173 Resp: 109805

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

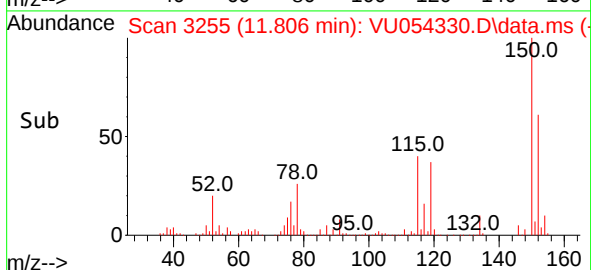
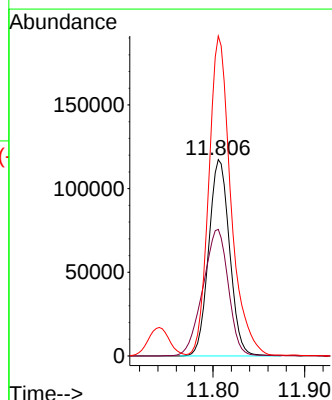
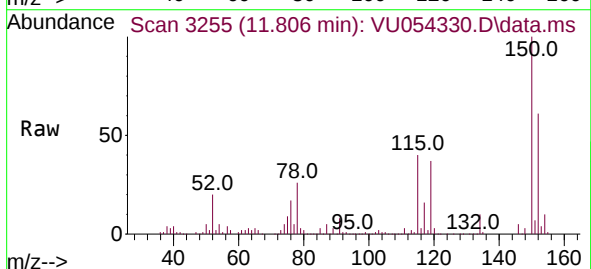
Tgt Ion:152 Resp: 185682

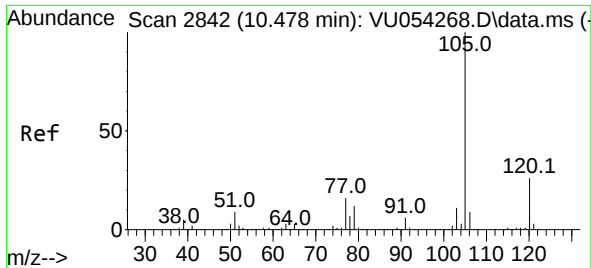
Ion Ratio Lower Upper

152 100

115 78.6 37.0 110.9

150 172.1 0.0 342.2

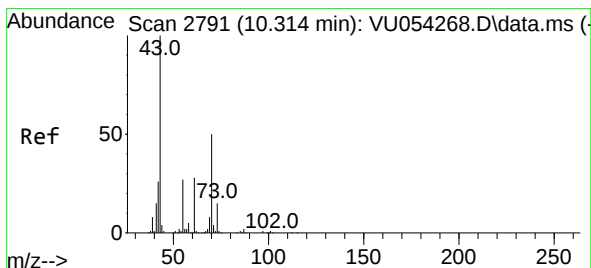
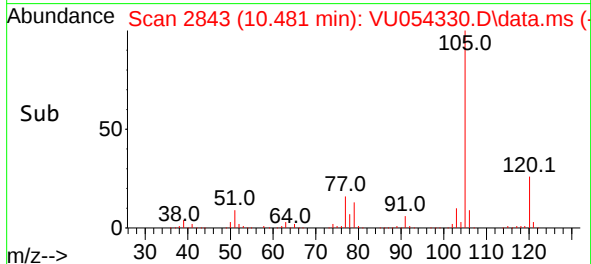
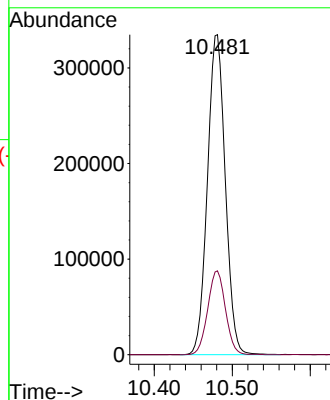
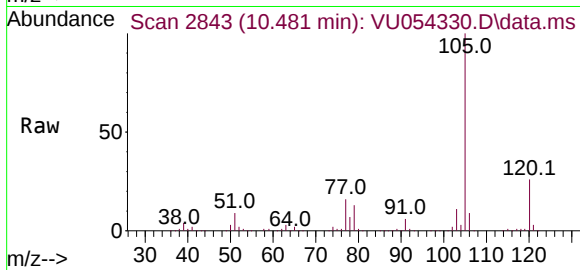




#73
Isopropylbenzene
Concen: 46.288 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

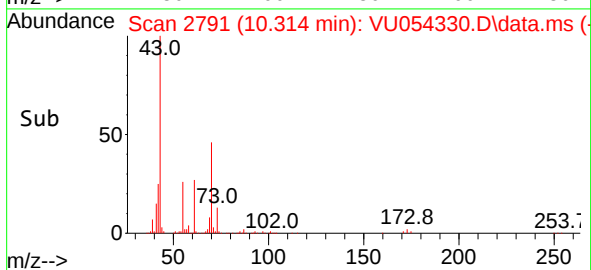
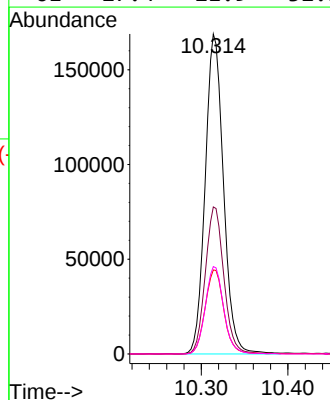
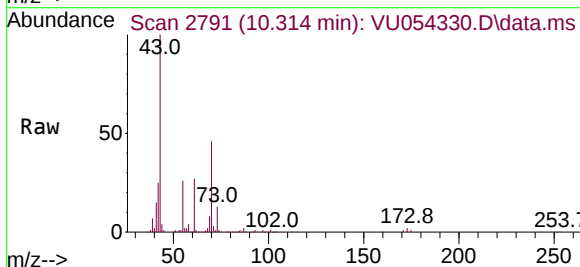
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

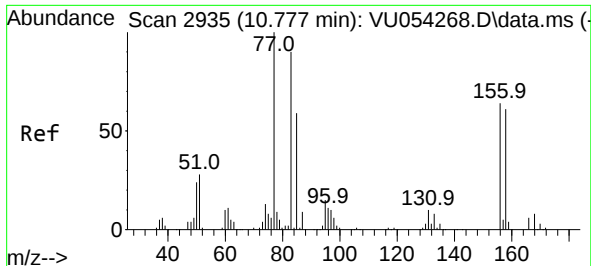
Tgt Ion:105 Resp: 532294
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4



#74
N-ethyl acetate
Concen: 50.796 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 43 Resp: 248030
Ion Ratio Lower Upper
43 100
70 46.5 38.7 58.1
55 27.0 21.8 32.8
61 27.4 21.9 32.9

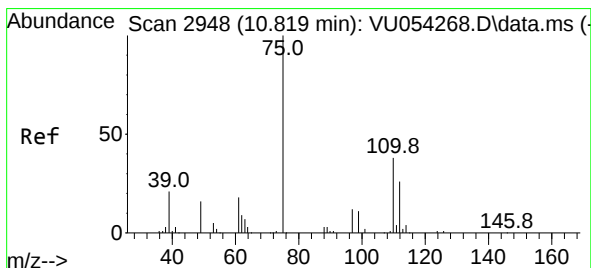
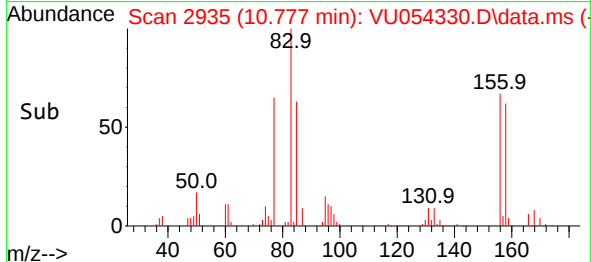
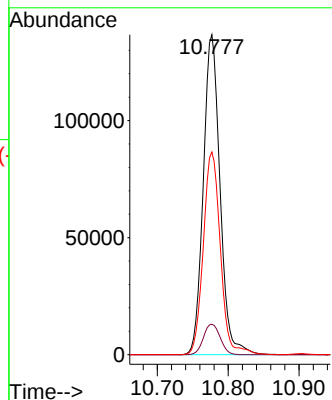
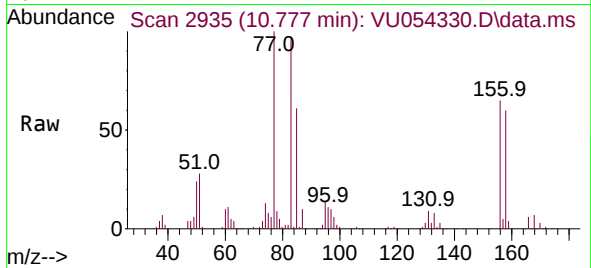




#75
1,1,2,2-Tetrachloroethane
Concen: 48.277 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

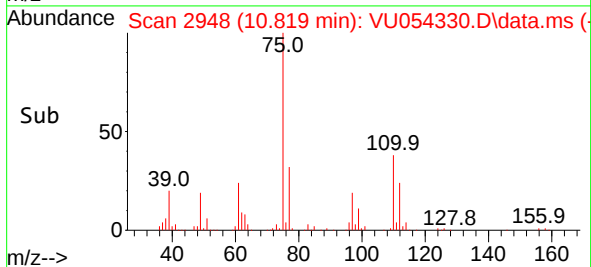
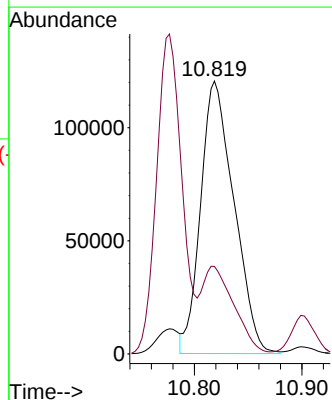
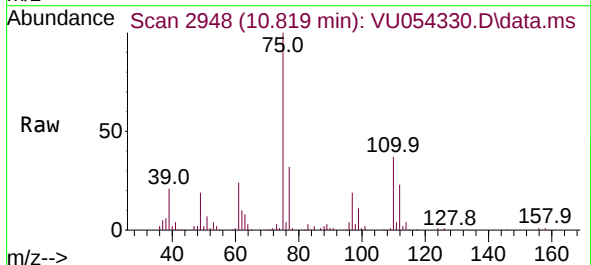
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

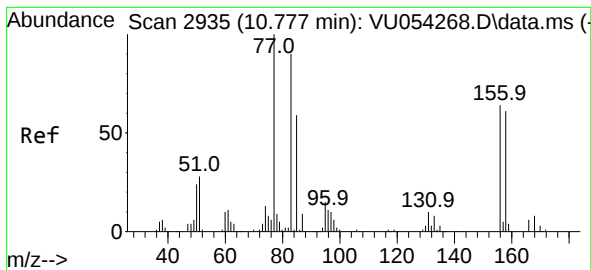
Tgt Ion: 83 Resp: 224636
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 47.909 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 75 Resp: 259636
Ion Ratio Lower Upper
75 100
77 30.3 15.8 47.3





#77

Bromobenzene

Concen: 46.513 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

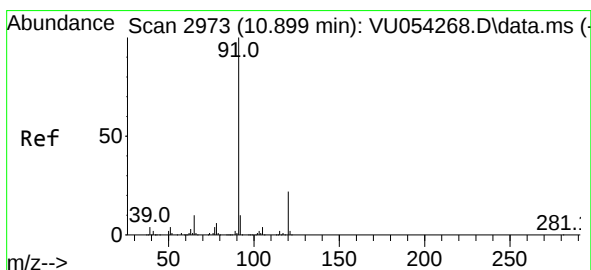
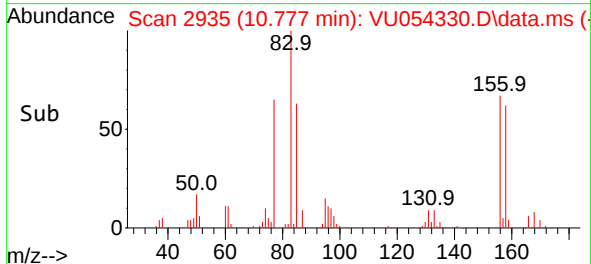
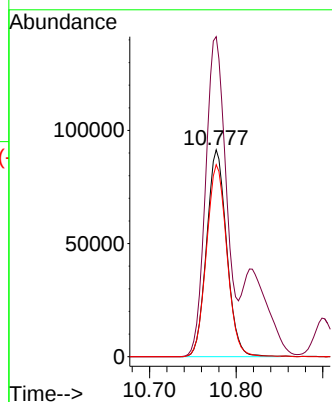
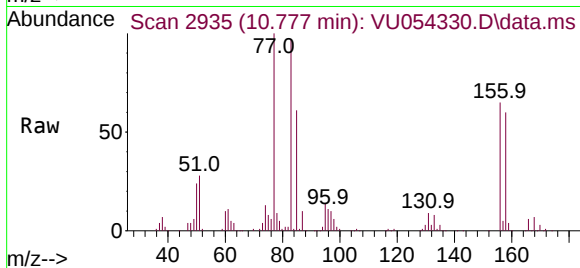
Tgt Ion:156 Resp: 146882

Ion Ratio Lower Upper

156 100

77 159.4 71.9 215.6

158 94.8 48.9 146.8



#78

n-propylbenzene

Concen: 46.606 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. 0.003 min

Lab File: VU054330.D

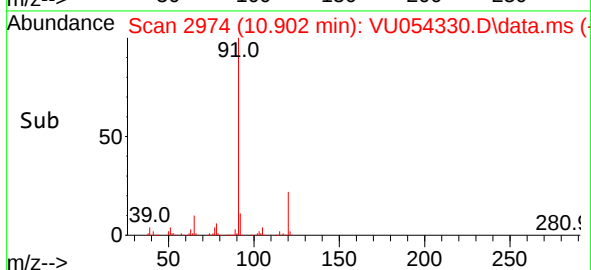
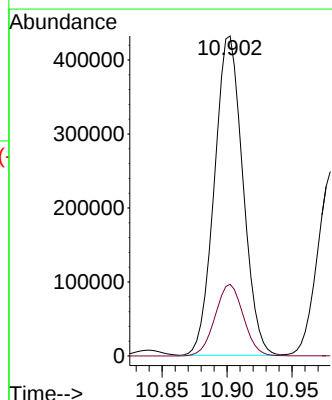
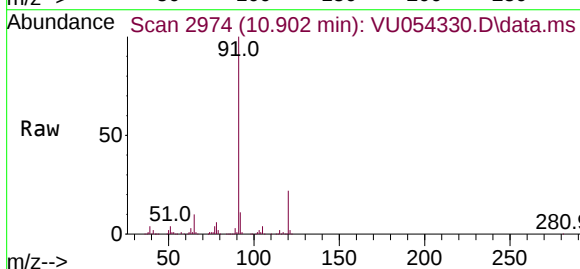
Acq: 31 May 2023 11:28

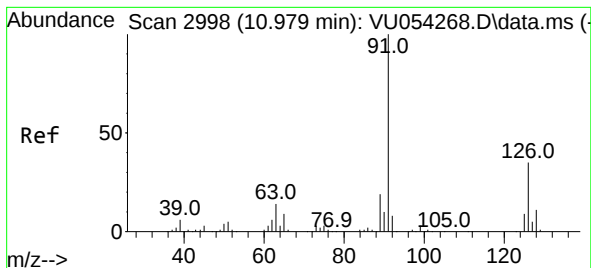
Tgt Ion: 91 Resp: 656539

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 46.351 ug/l

RT: 10.979 min Scan# 2998

Delta R.T. 0.000 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

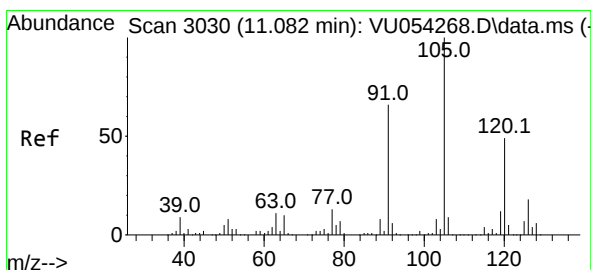
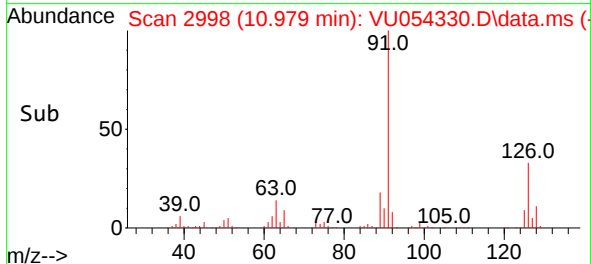
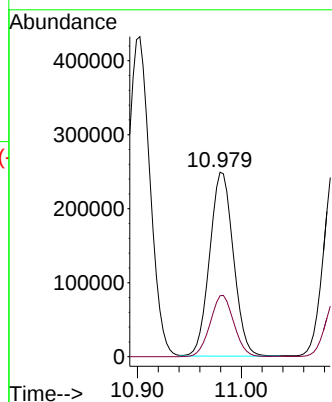
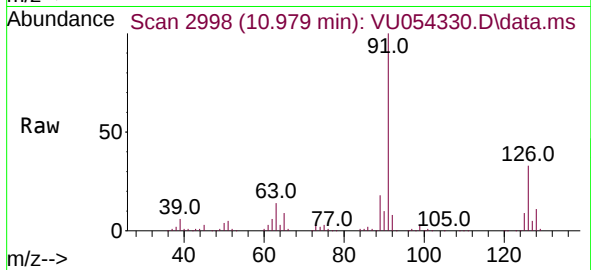
VSTDCCC050

Tgt Ion: 91 Resp: 395305

Ion Ratio Lower Upper

91 100

126 33.3 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 47.020 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054330.D

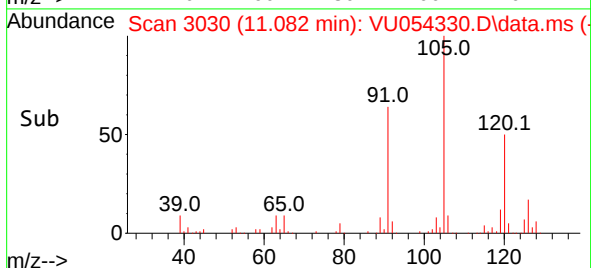
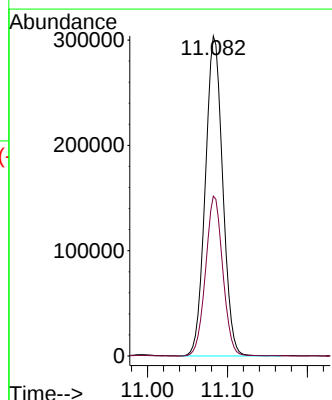
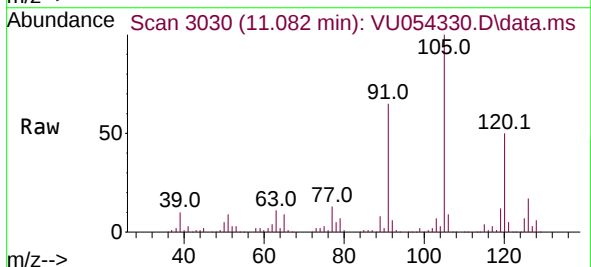
Acq: 31 May 2023 11:28

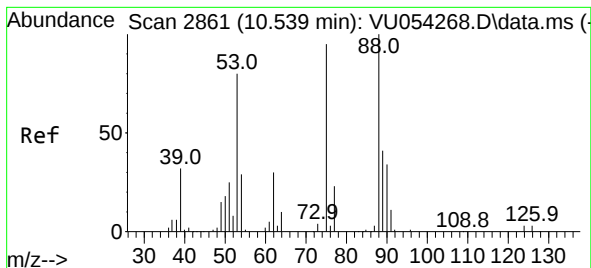
Tgt Ion: 105 Resp: 459824

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.9

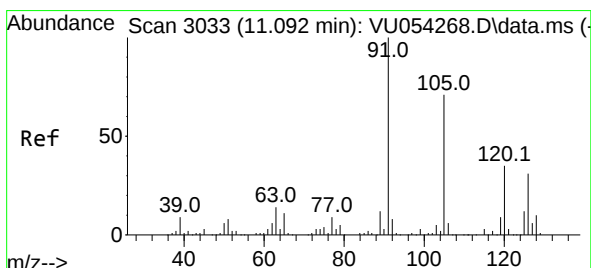
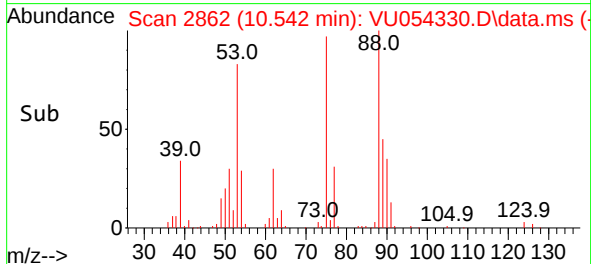
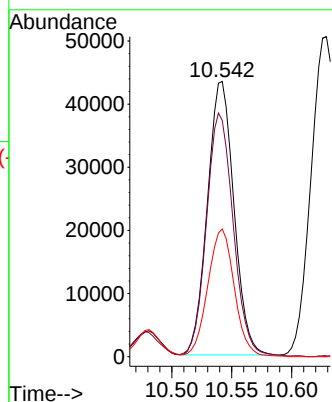
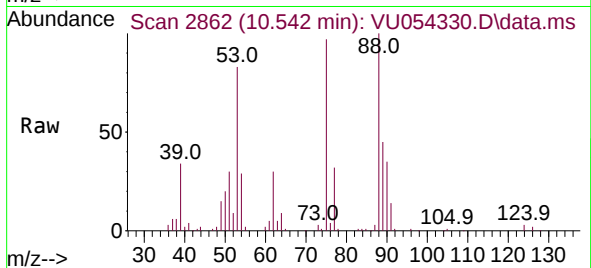




#81
trans-1,4-Dichloro-2-butene
Concen: 46.823 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

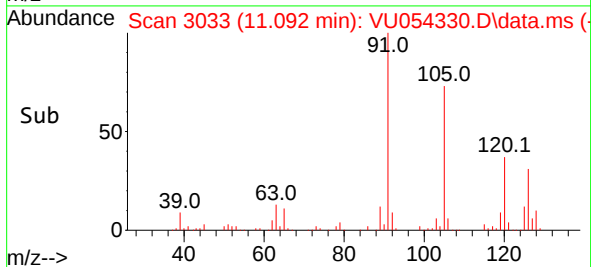
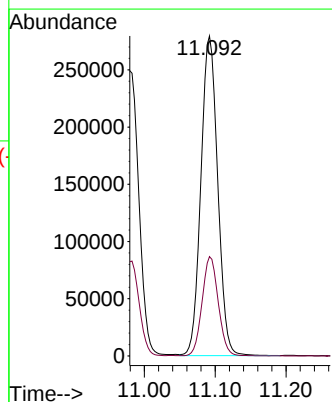
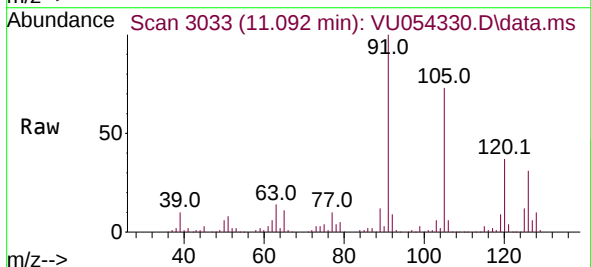
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

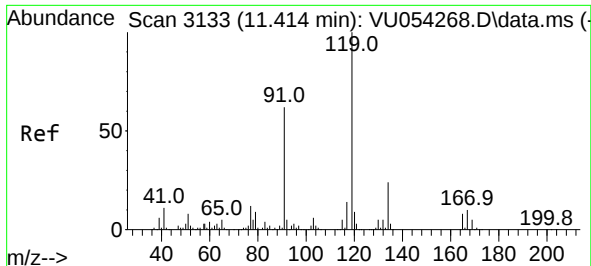
Tgt Ion: 75 Resp: 66636
Ion Ratio Lower Upper
75 100
53 89.8 69.2 103.8
89 46.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 45.879 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 91 Resp: 459097
Ion Ratio Lower Upper
91 100
126 30.0 16.1 48.2

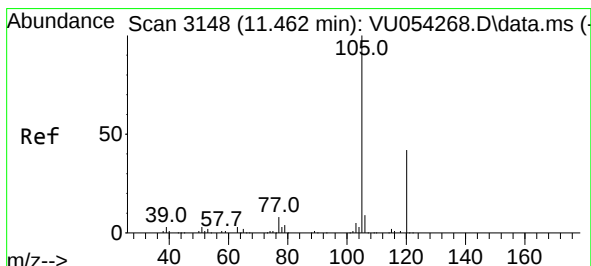
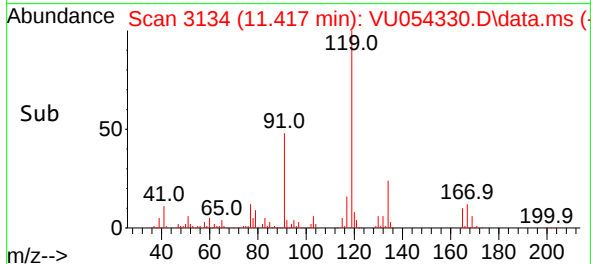
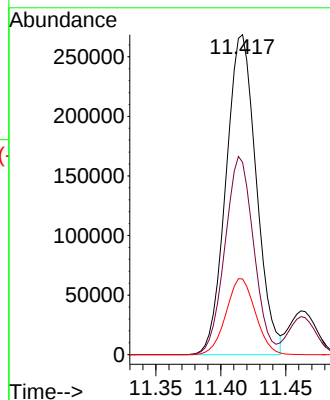
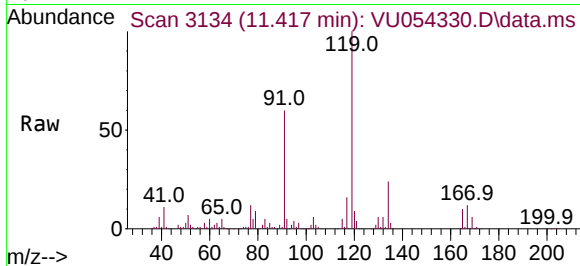




#83
 tert-Butylbenzene
 Concen: 44.583 ug/l
 RT: 11.417 min Scan# 3133
 Delta R.T. 0.003 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

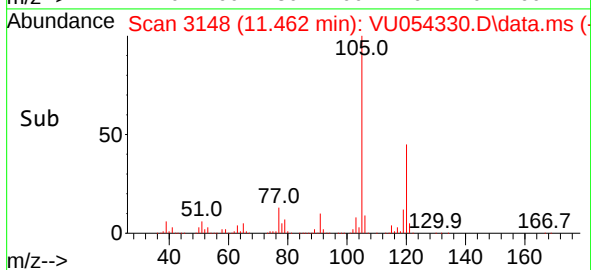
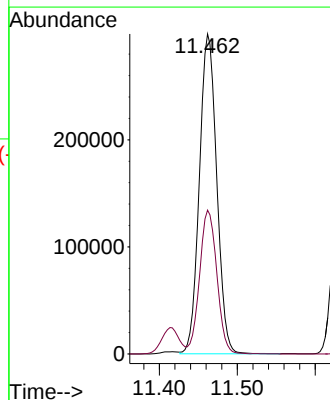
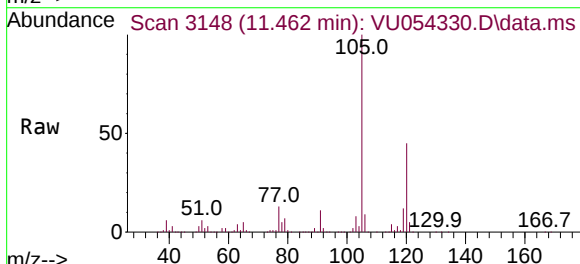
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

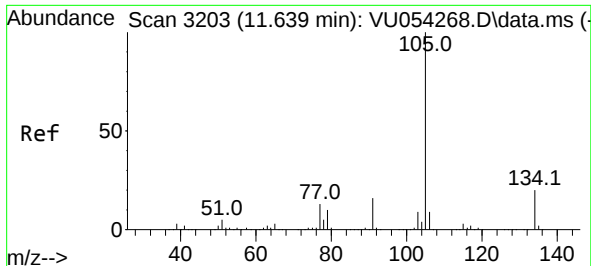
Tgt Ion:119 Resp: 435981
 Ion Ratio Lower Upper
 119 100
 91 58.7 26.8 80.3
 134 23.1 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.339 ug/l
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion:105 Resp: 460574
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.4 70.3

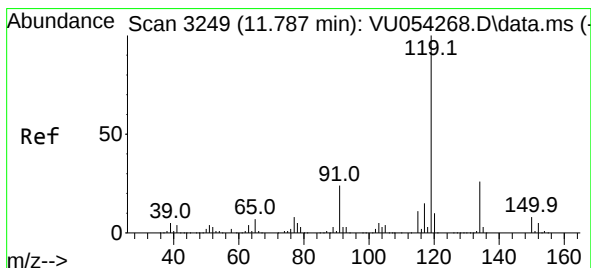
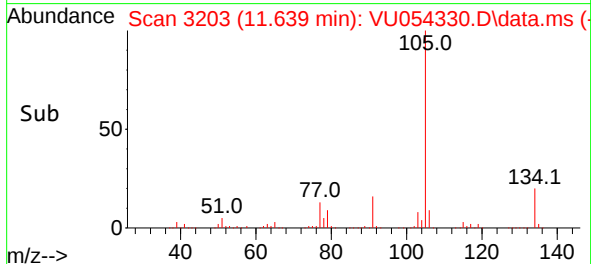
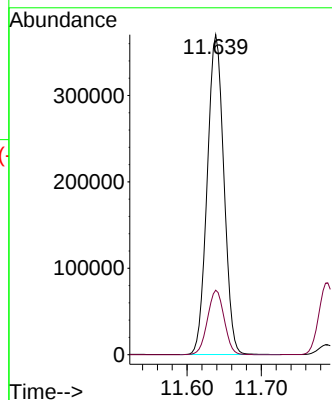
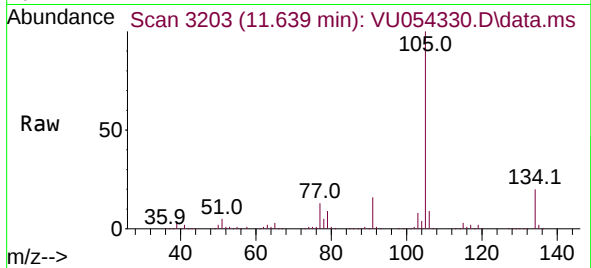




#85
 sec-Butylbenzene
 Concen: 46.283 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

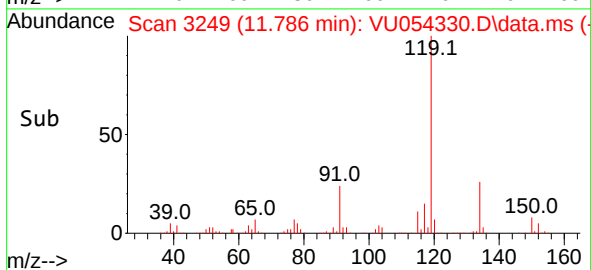
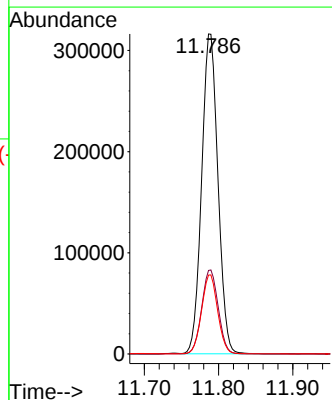
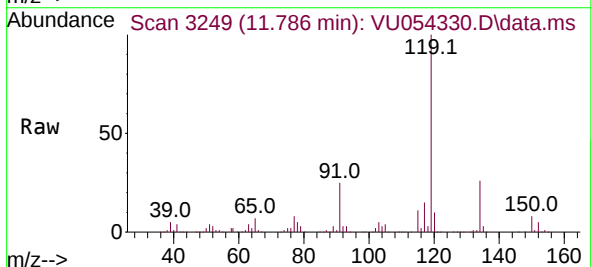
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

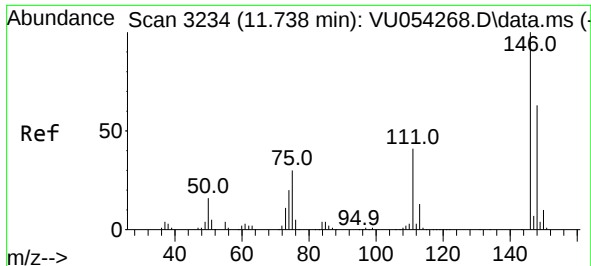
Tgt Ion:105 Resp: 574312
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 46.107 ug/l
 RT: 11.786 min Scan# 3249
 Delta R.T. -0.001 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion:119 Resp: 481211
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 24.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 44.749 ug/l

RT: 11.741 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

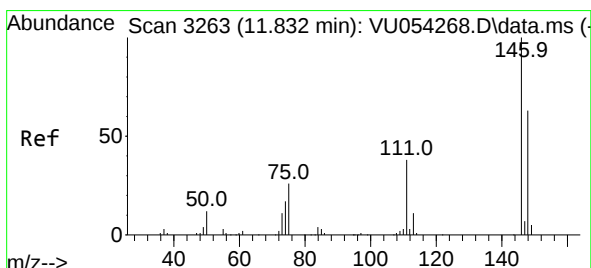
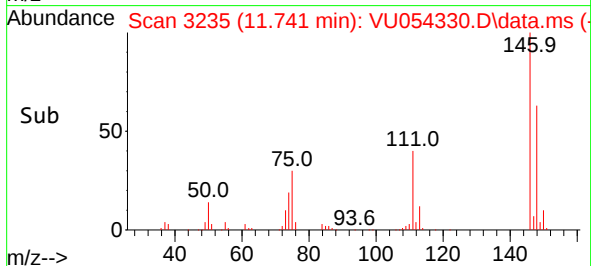
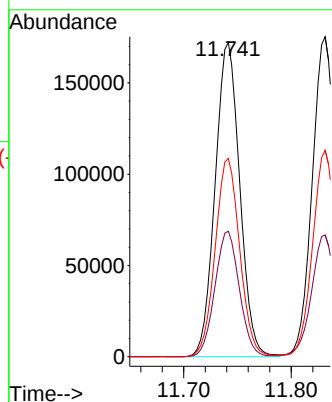
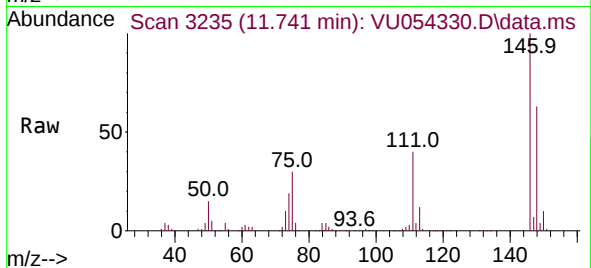
Tgt Ion:146 Resp: 273612

Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.5

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 43.489 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.001 min

Lab File: VU054330.D

Acq: 31 May 2023 11:28

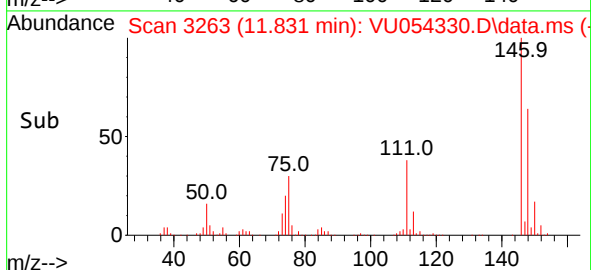
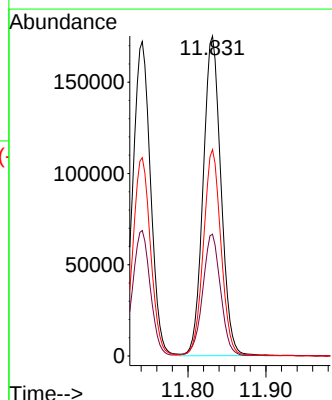
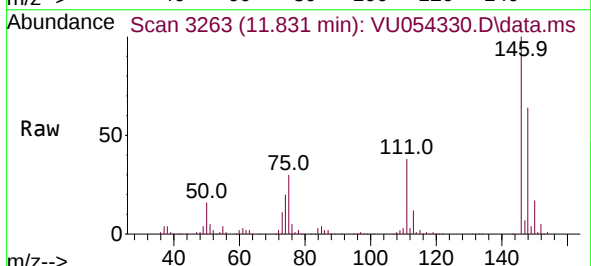
Tgt Ion:146 Resp: 277792

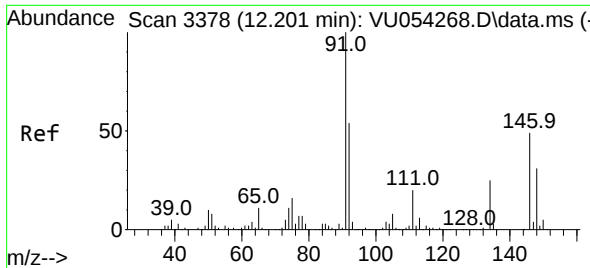
Ion Ratio Lower Upper

146 100

111 38.4 18.5 55.5

148 63.7 31.9 95.7

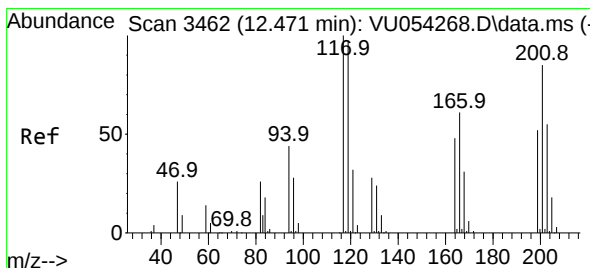
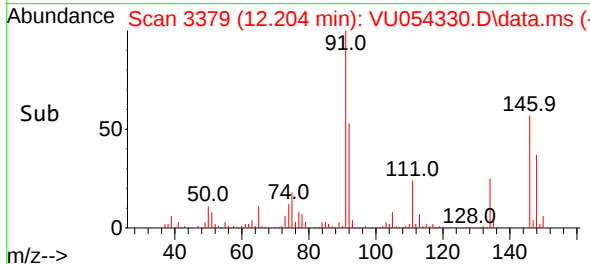
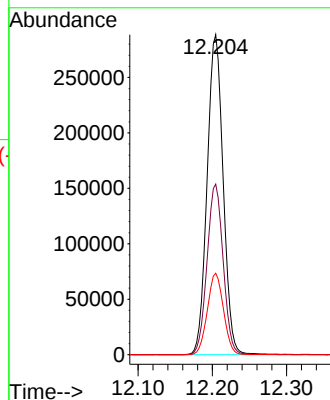
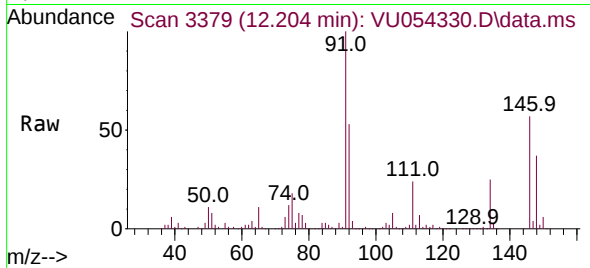




#89
n-Butylbenzene
Concen: 43.976 ug/l
RT: 12.204 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

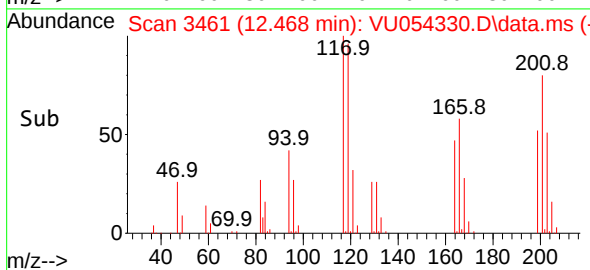
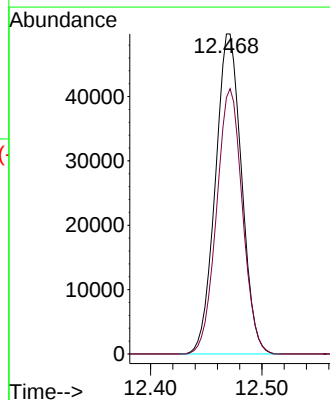
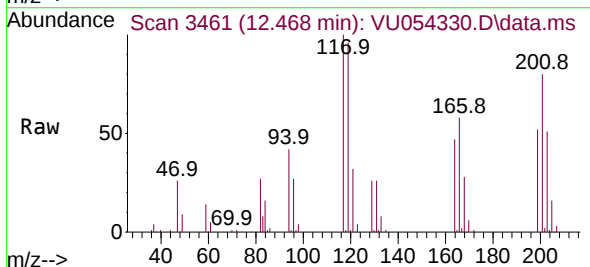
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

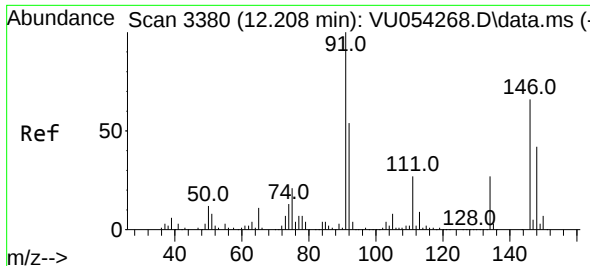
Tgt Ion: 91 Resp: 432026
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.6
134 25.6 13.5 40.4



#90
Hexachloroethane
Concen: 44.038 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion: 117 Resp: 81311
Ion Ratio Lower Upper
117 100
201 81.8 44.6 134.0

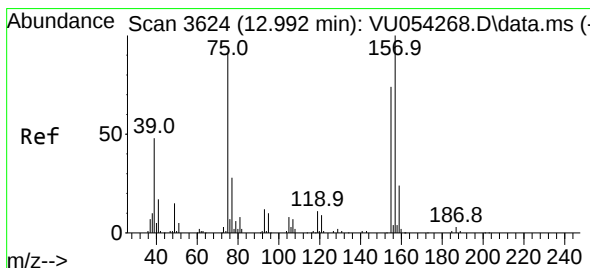
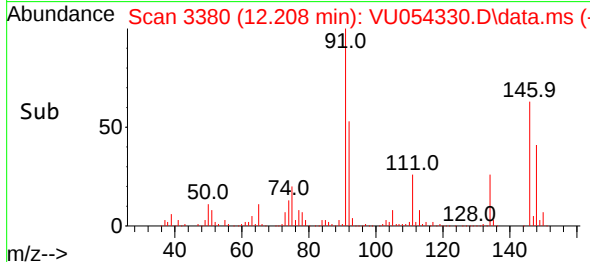
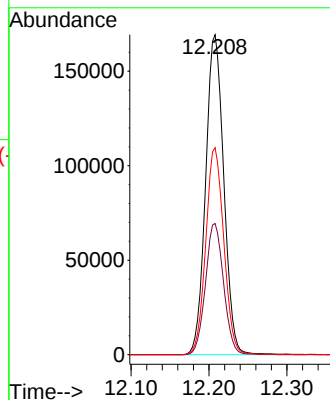
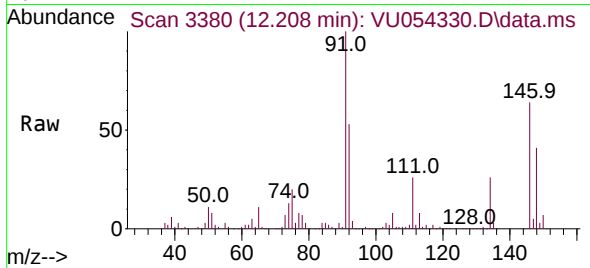




#91
 1,2-Dichlorobenzene
 Concen: 45.507 ug/l
 RT: 12.208 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

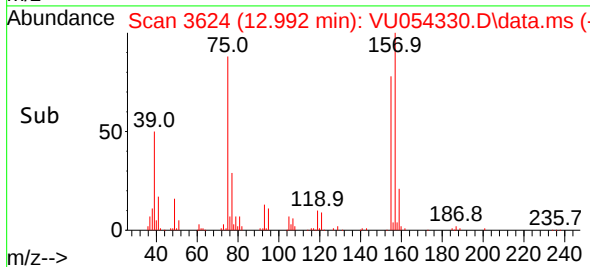
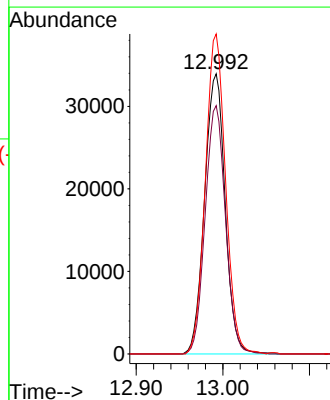
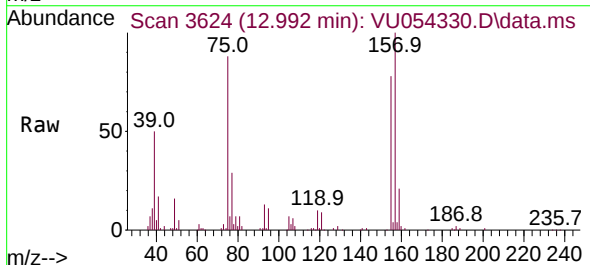
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

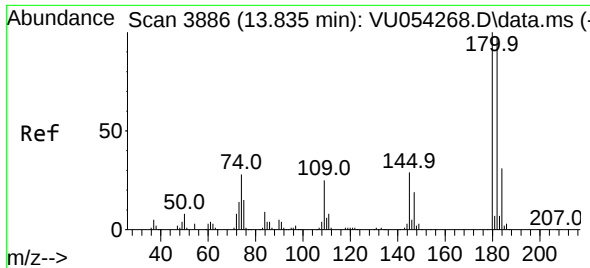
Tgt Ion:146 Resp: 273730
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.9 59.6
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.780 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion: 75 Resp: 56010
 Ion Ratio Lower Upper
 75 100
 155 87.4 47.8 143.4
 157 111.9 62.2 186.5

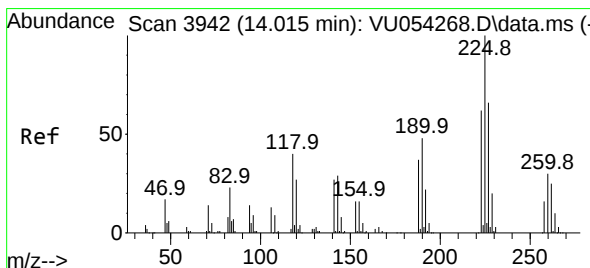
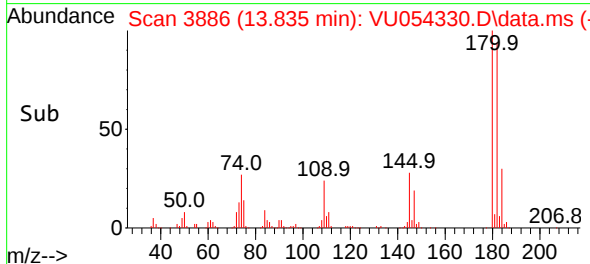
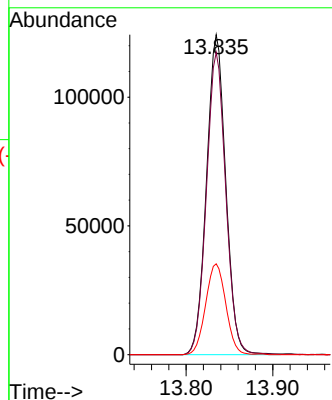
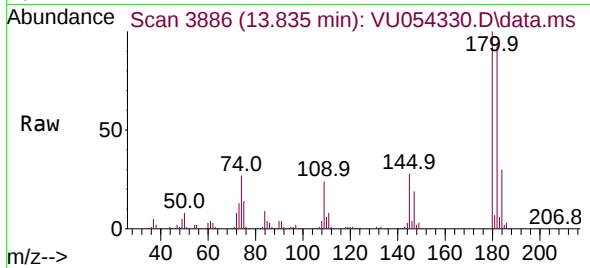




#93
 1,2,4-Trichlorobenzene
 Concen: 45.165 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

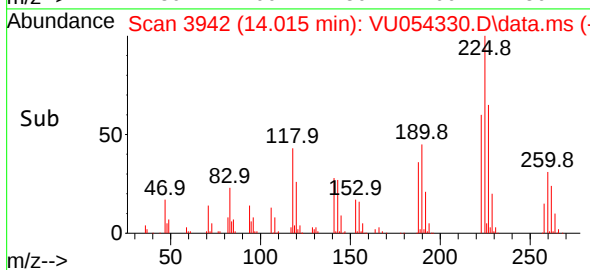
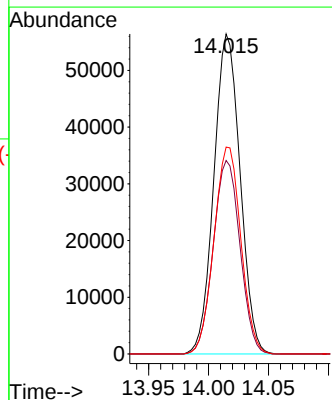
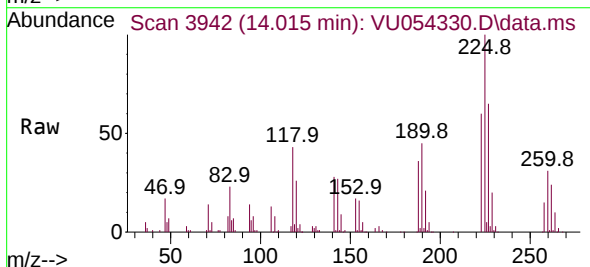
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 ClientSampleId :
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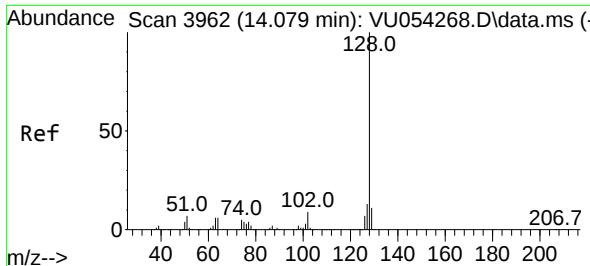
Tgt Ion:180 Resp: 192191
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 29.7 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 43.458 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.000 min
 Lab File: VU054330.D
 Acq: 31 May 2023 11:28

Tgt Ion:225 Resp: 85802
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.9
 227 66.1 32.0 96.2

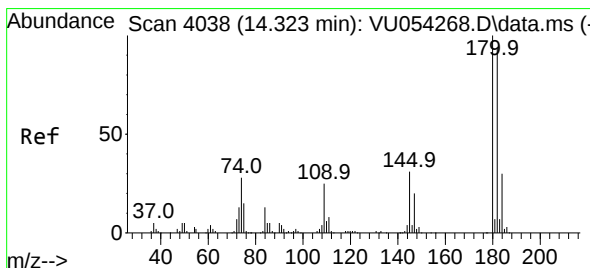
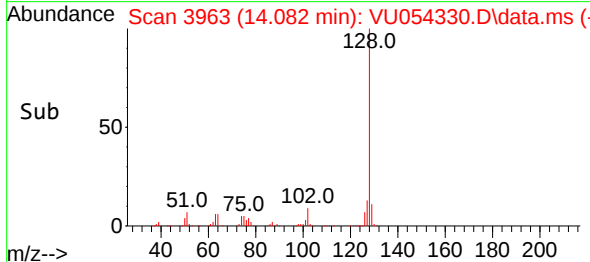
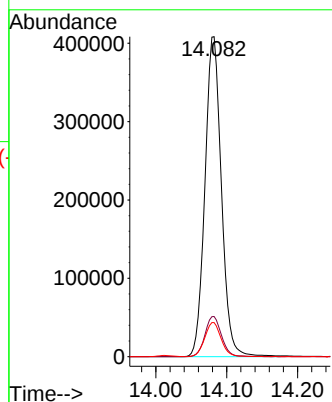
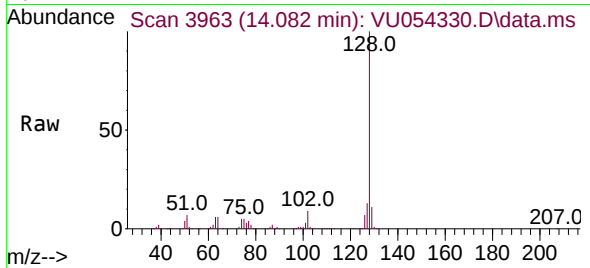




#95
Naphthalene
Concen: 48.065 ug/l
RT: 14.082 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 659009
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.261 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054330.D
Acq: 31 May 2023 11:28

Tgt Ion:180 Resp: 195350
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 31.0 14.8 44.4

