

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052751.D
 Acq On : 20 Jan 2023 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 20 22:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	219613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	347426	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	324264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	177548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	147602	46.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.285	113	119054	49.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	7.896	98	444471	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	10.629	95	170713	51.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	121353	46.861	ug/l	98
3) Chloromethane	1.520	50	116954	43.967	ug/l	98
4) Vinyl Chloride	1.604	62	126209	47.572	ug/l	99
5) Bromomethane	1.855	94	61185	46.716	ug/l	99
6) Chloroethane	1.929	64	73332	43.726	ug/l	99
7) Trichlorofluoromethane	2.131	101	194286	47.567	ug/l	100
8) Diethyl Ether	2.372	74	71336	47.980	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	114403	48.436	ug/l	100
10) Methyl Iodide	2.720	142	102730	48.745	ug/l	99
11) Tert butyl alcohol	3.212	59	10276	19.068	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	109928	47.059	ug/l	97
13) Acrolein	2.485	56	129976	262.554	ug/l	98
14) Allyl chloride	2.919	41	177923	48.356	ug/l	98
15) Acrylonitrile	3.311	53	338797	227.844	ug/l	99
16) Acetone	2.633	43	416853	276.537	ug/l	98
17) Carbon Disulfide	2.790	76	316407	45.206	ug/l	98
18) Methyl Acetate	2.945	43	185285	44.412	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	392143	49.549	ug/l	99
20) Methylene Chloride	3.041	84	129121	48.019	ug/l	97
21) trans-1,2-Dichloroethene	3.347	96	122769	48.753	ug/l	96
22) Diisopropyl ether	3.986	45	369186	48.248	ug/l	97
23) Vinyl Acetate	3.948	43	1441947	245.598	ug/l	100
24) 1,1-Dichloroethane	3.864	63	227829	46.945	ug/l	100
25) 2-Butanone	4.703	43	487231	250.623	ug/l	99
26) 2,2-Dichloropropane	4.658	77	194128	48.760	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	135386	48.977	ug/l	98
28) Bromochloromethane	4.967	49	99268	49.004	ug/l	100
29) Tetrahydrofuran	5.051	42	265278	235.063	ug/l	99
30) Chloroform	5.083	83	233982	45.104	ug/l	99
31) Cyclohexane	5.385	56	208795	47.112	ug/l	100
32) 1,1,1-Trichloroethane	5.311	97	203762	47.955	ug/l	99
36) 1,1-Dichloropropene	5.523	75	175111	50.449	ug/l	99
37) Ethyl Acetate	4.800	43	170446	45.173	ug/l	99
38) Carbon Tetrachloride	5.520	117	177038	49.576	ug/l	99
39) Methylcyclohexane	6.758	83	211813	52.441	ug/l	100
40) Benzene	5.768	78	508625	48.529	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	88868	48.685	ug/l	99
42) 1,2-Dichloroethane	5.790	62	183344	48.446	ug/l	100
43) Isopropyl Acetate	5.909	43	256318	48.735	ug/l	100
44) Trichloroethene	6.539	130	129082	49.793	ug/l	99
45) 1,2-Dichloropropane	6.787	63	130603	48.312	ug/l	99
46) Dibromomethane	6.916	93	88802	47.434	ug/l	99
47) Bromodichloromethane	7.102	83	182618	48.748	ug/l	99
48) Methyl methacrylate	6.957	41	124080	51.773	ug/l	98
49) 1,4-Dioxane	7.022	88	50889	1095.833	ug/l	90
51) 4-Methyl-2-Pentanone	7.793	43	840159	246.822	ug/l	99
52) Toluene	7.967	92	322976	50.954	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	198983	50.850	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	211507	50.678	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	124709	48.200	ug/l	98
56) Ethyl methacrylate	8.333	69	196109	47.394	ug/l	99
57) 1,3-Dichloropropane	8.571	76	223962	49.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	26899	243.168	ug/l	98
59) 2-Hexanone	8.690	43	687446	262.161	ug/l	99
60) Dibromochloromethane	8.806	129	141458	49.786	ug/l	99
61) 1,2-Dibromoethane	8.919	107	133699	49.221	ug/l	100
64) Tetrachloroethene	8.549	164	112849	50.094	ug/l	99
65) Chlorobenzene	9.443	112	338505	49.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	127481	49.561	ug/l	99
67) Ethyl Benzene	9.568	91	600966	51.827	ug/l	100
68) m/p-Xylenes	9.690	106	481646	106.951	ug/l	99
69) o-Xylene	10.099	106	228825	53.225	ug/l	98
70) Styrene	10.112	104	393159	50.098	ug/l	99
71) Bromoform	10.288	173	108173	50.355	ug/l #	98
73) Isopropylbenzene	10.481	105	610124	52.162	ug/l	99
74) N-amyl acetate	10.321	43	221488	49.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	205647	44.377	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	230408	47.554	ug/l	98
77) Bromobenzene	10.780	156	147703	48.826	ug/l	99
78) n-propylbenzene	10.903	91	725264	52.722	ug/l	99
79) 2-Chlorotoluene	10.983	91	432806	50.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	520989	53.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	62249	49.924	ug/l	99
82) 4-Chlorotoluene	11.092	91	506328	52.258	ug/l	100
83) tert-Butylbenzene	11.417	119	521817	52.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	522620	54.188	ug/l	99
85) sec-Butylbenzene	11.639	105	661547	54.188	ug/l	100
86) p-Isopropyltoluene	11.790	119	563189	54.251	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	287768	49.903	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	290872	49.059	ug/l	99
89) n-Butylbenzene	12.205	91	478651	47.541	ug/l	100
90) Hexachloroethane	12.472	117	95777	48.090	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	284096	48.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	43660	45.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	177555	52.279	ug/l	99
94) Hexachlorobutadiene	14.018	225	95931	50.959	ug/l	98
95) Naphthalene	14.082	128	506962	45.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	172423	51.139	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
Response via : Initial Calibration

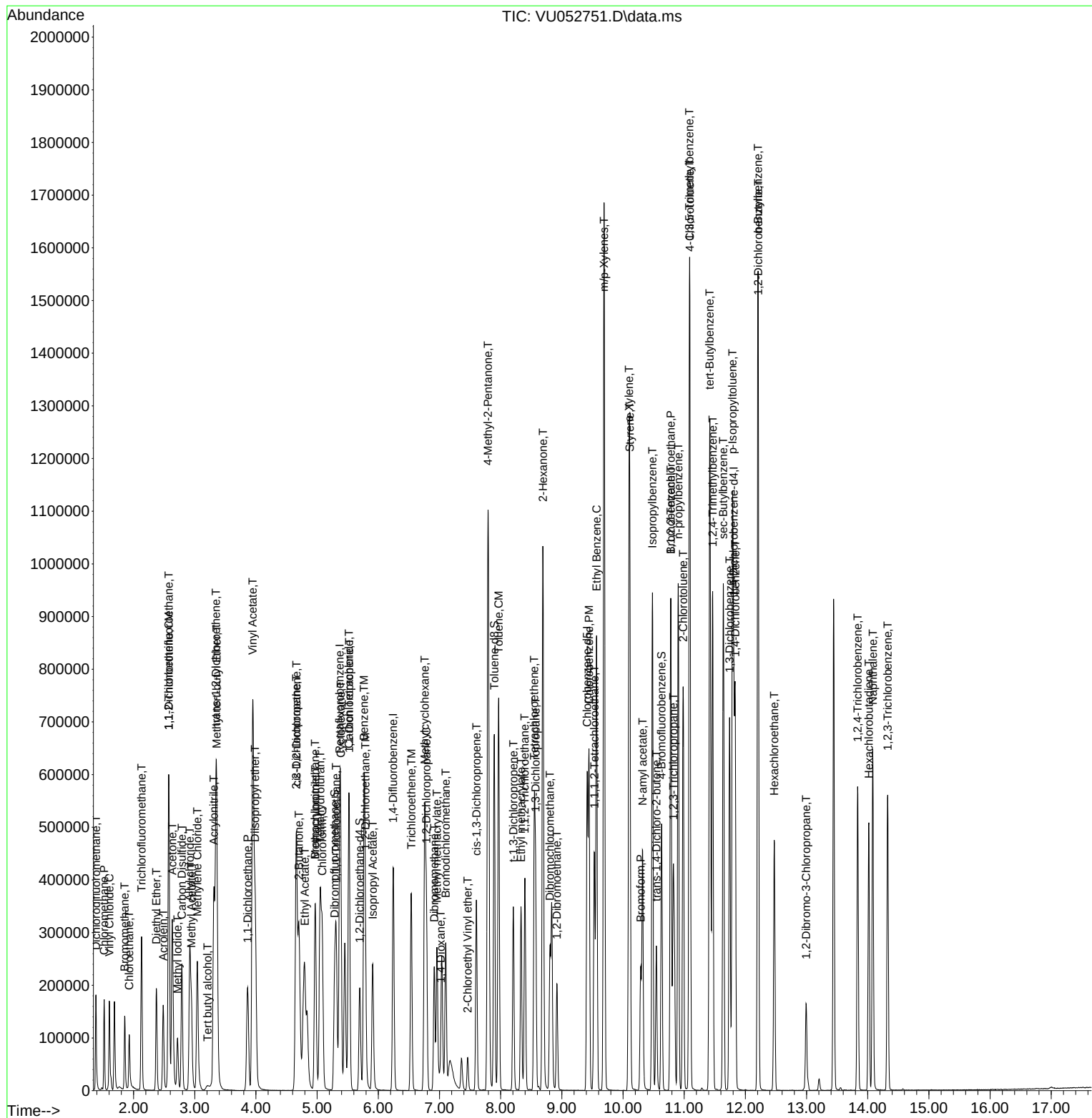
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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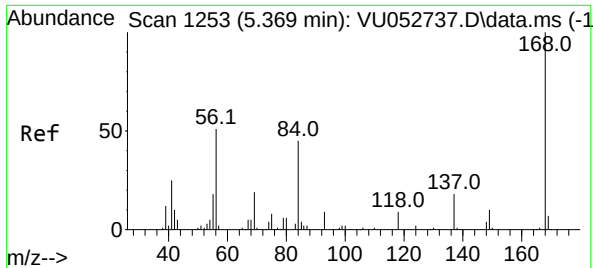
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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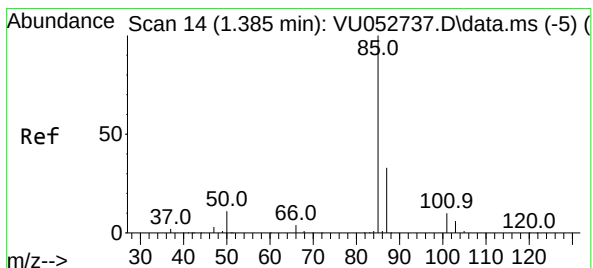
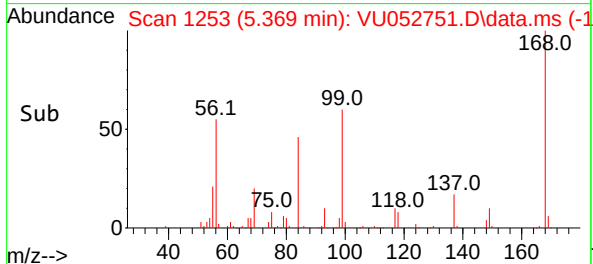
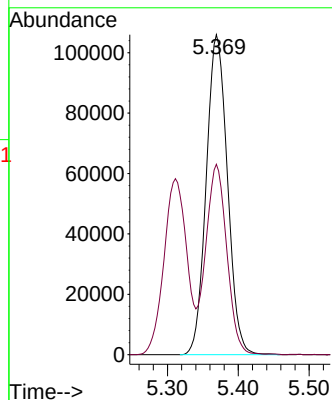
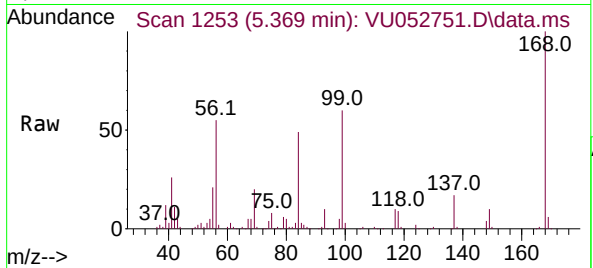




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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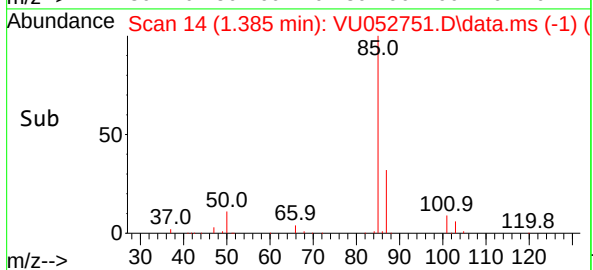
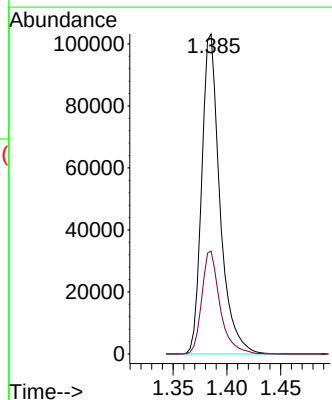
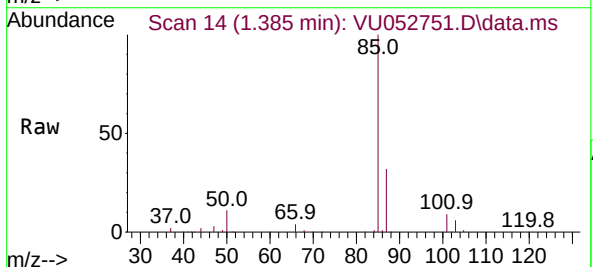
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

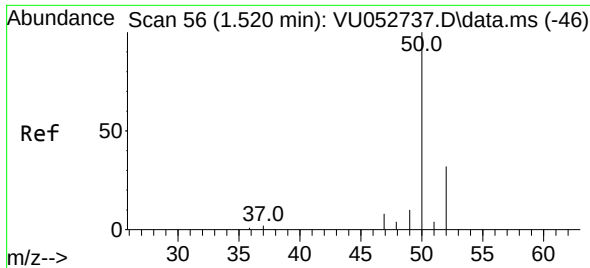
Tgt Ion:168 Resp: 219613
Ion Ratio Lower Upper
168 100
99 59.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 46.861 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 85 Resp: 121353
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7

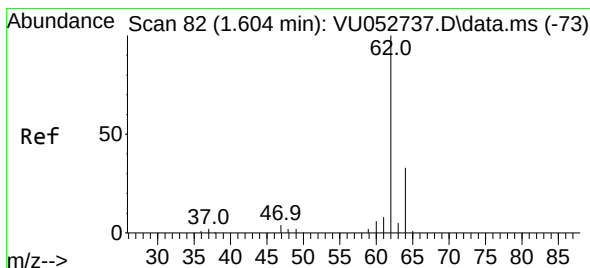
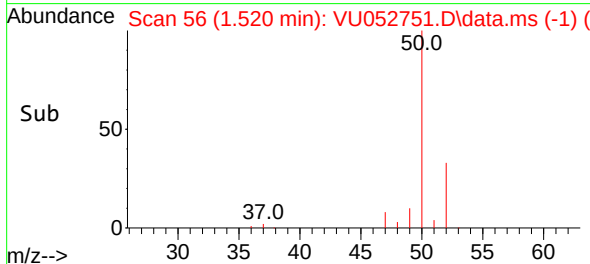
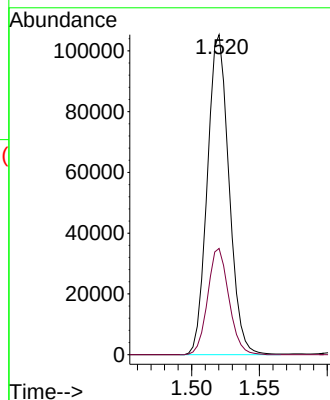
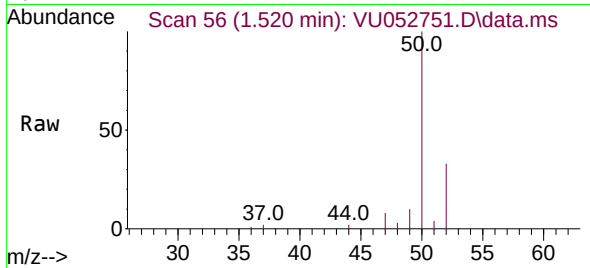




#3
Chloromethane
Concen: 43.967 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

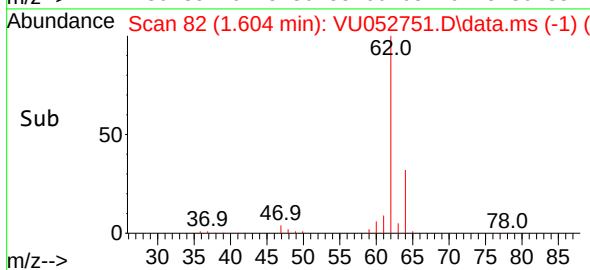
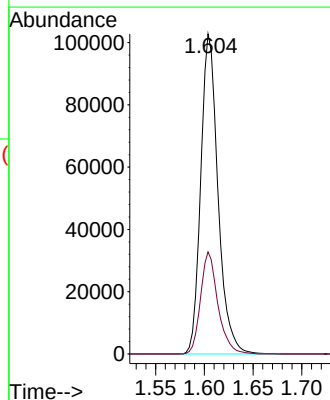
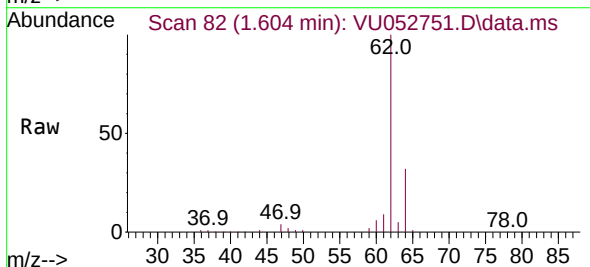
Instrument :
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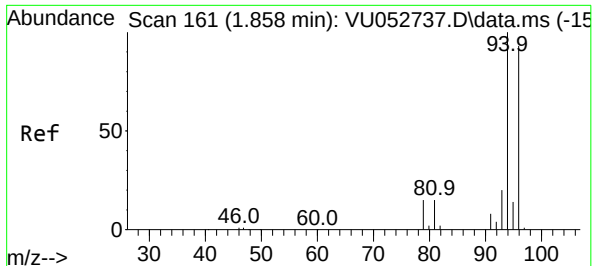
Tgt Ion: 50 Resp: 116954
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.6



#4
Vinyl Chloride
Concen: 47.572 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 62 Resp: 126209
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

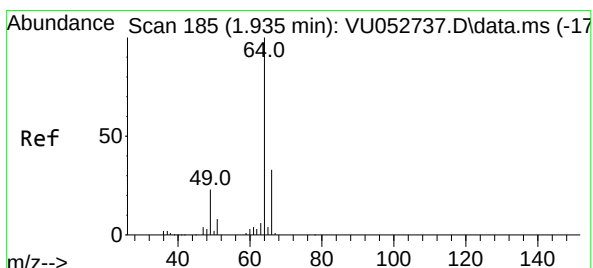
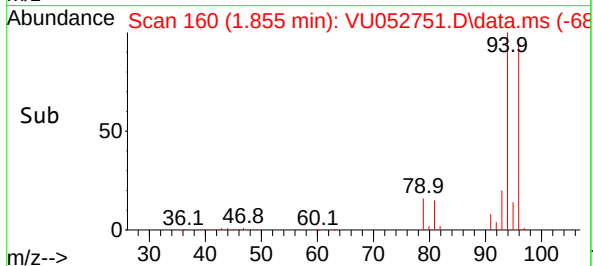
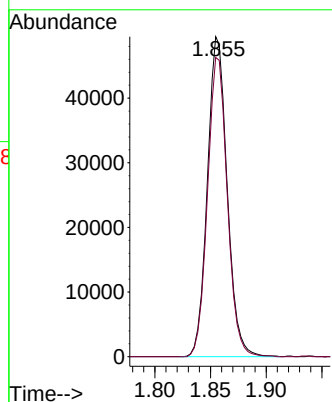
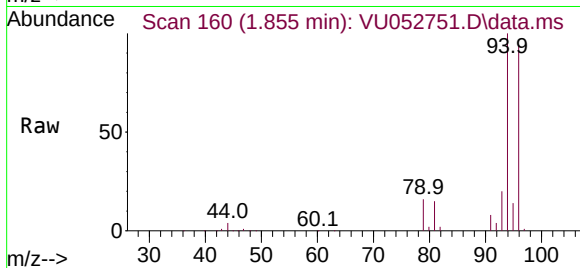




#5
Bromomethane
Concen: 46.716 ug/l
RT: 1.855 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052751.D
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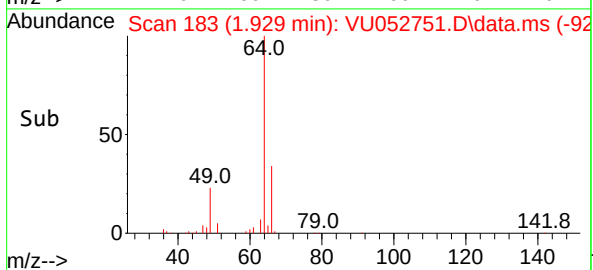
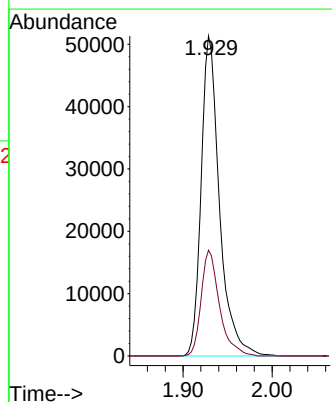
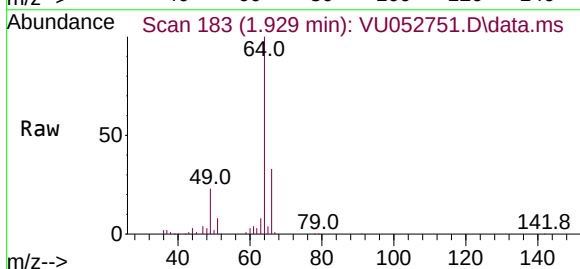
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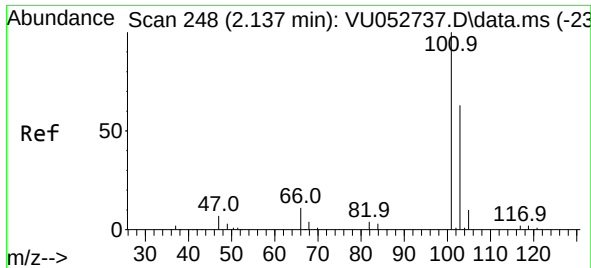
Tgt Ion: 94 Resp: 61185
Ion Ratio Lower Upper
94 100
96 93.5 74.3 111.5



#6
Chloroethane
Concen: 43.726 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.006 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 64 Resp: 73332
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

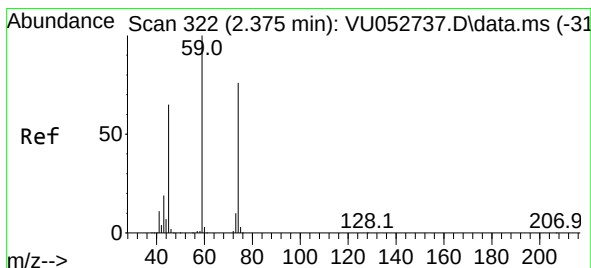
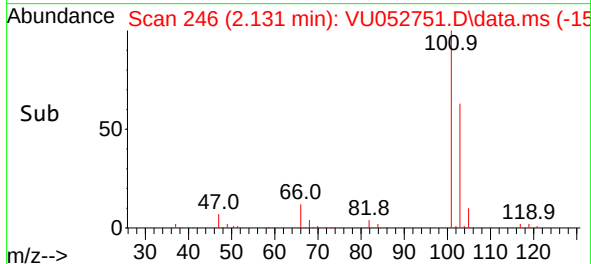
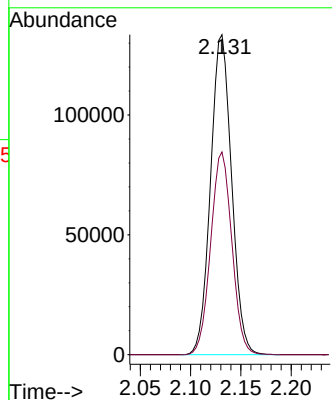
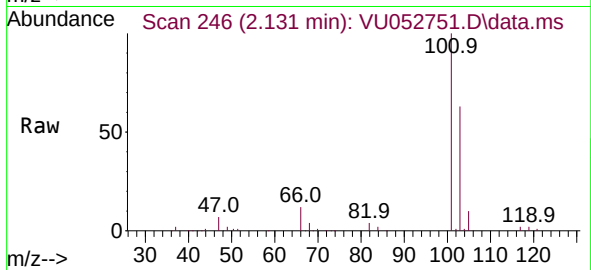




#7
 Trichlorofluoromethane
 Concen: 47.567 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

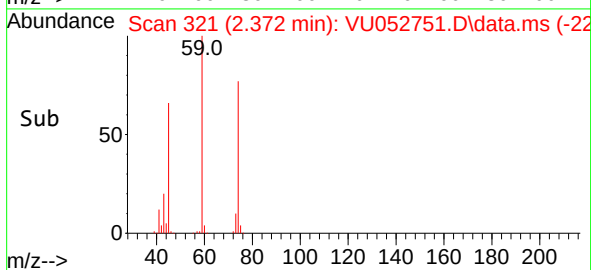
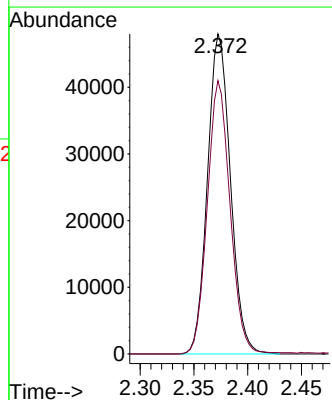
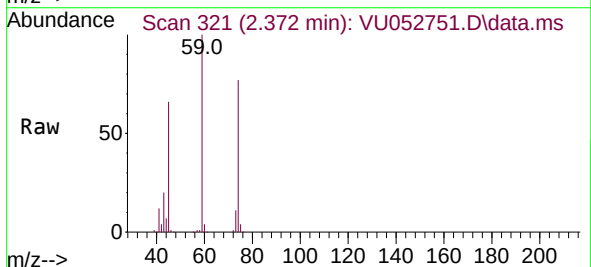
Instrument :
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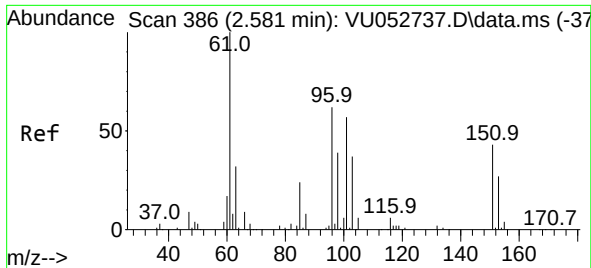
Tgt Ion:101 Resp: 194286
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.980 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU052751.D
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Tgt Ion: 74 Resp: 71336
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.4 127.3

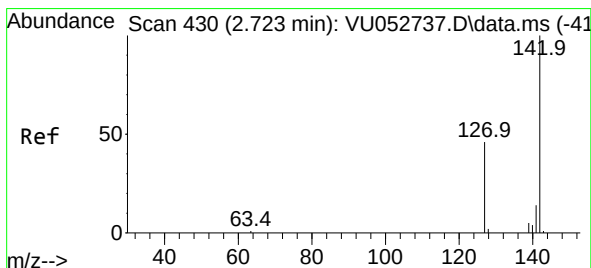
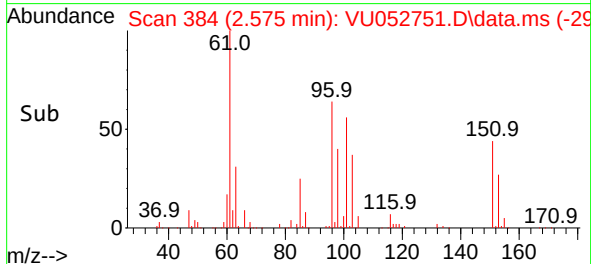
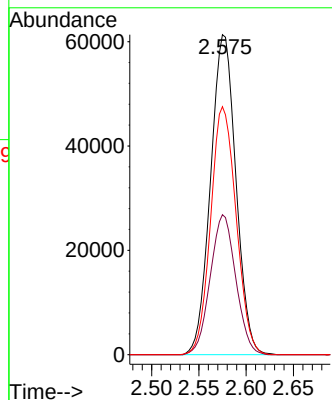
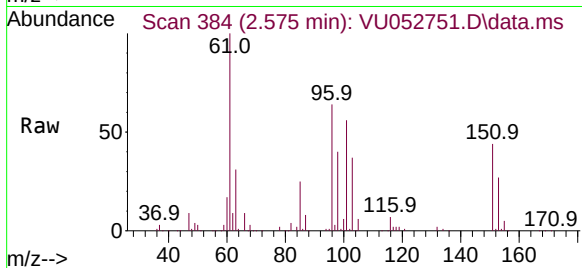




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.436 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

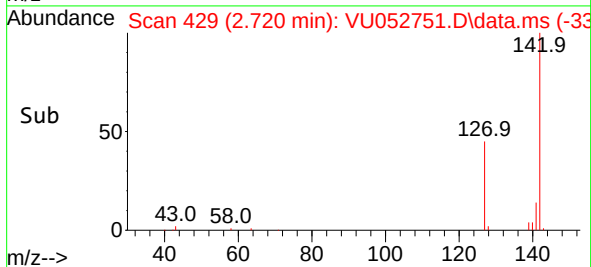
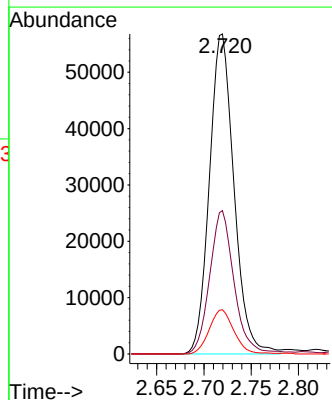
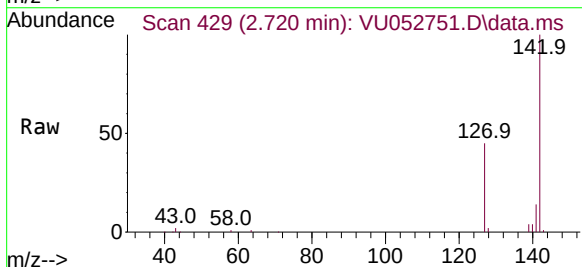
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

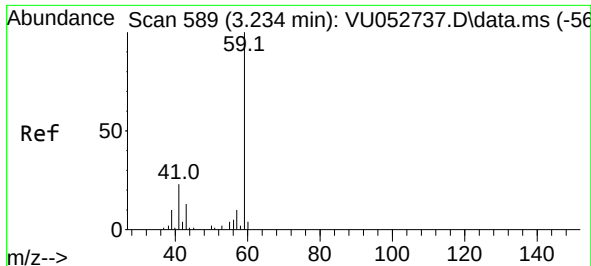
Tgt Ion:101 Resp: 114403
Ion Ratio Lower Upper
101 100
85 44.0 35.1 52.7
151 77.9 61.9 92.9



#10
Methyl Iodide
Concen: 48.745 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion:142 Resp: 102730
Ion Ratio Lower Upper
142 100
127 44.6 36.3 54.5
141 13.9 11.8 17.6

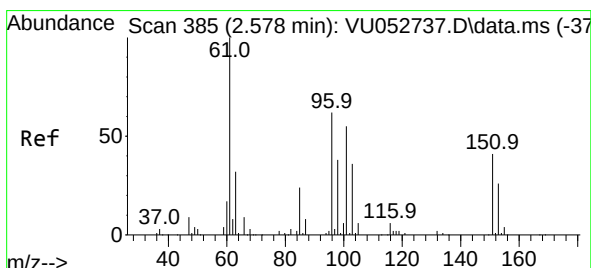
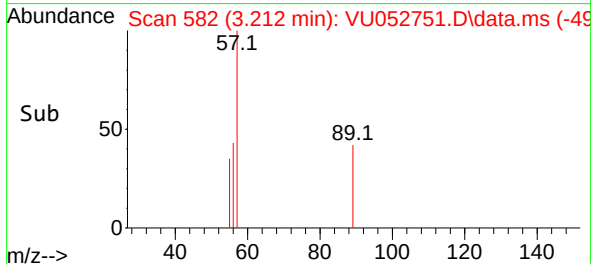
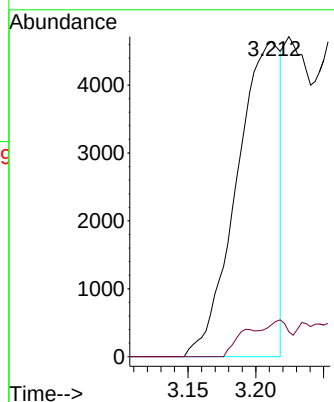
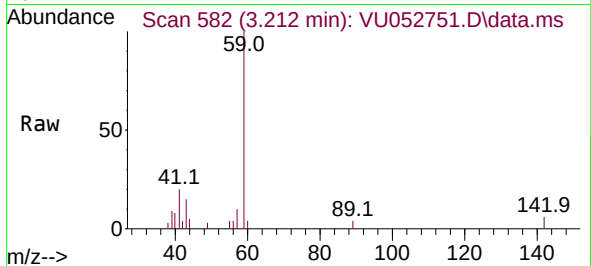




#11
Tert butyl alcohol
Concen: 19.068 ug/l
RT: 3.212 min Scan# 582
Delta R.T. -0.022 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

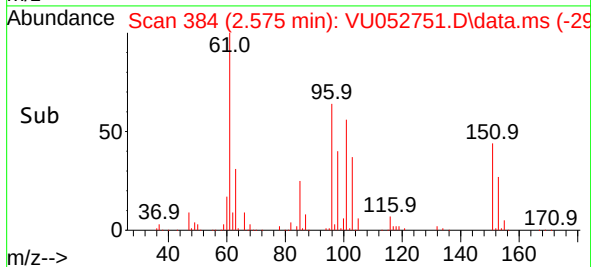
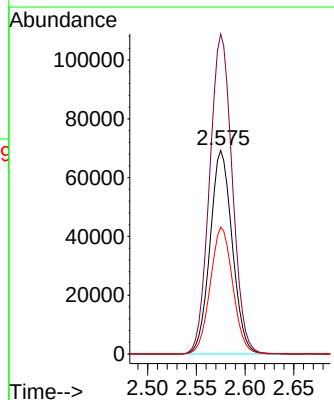
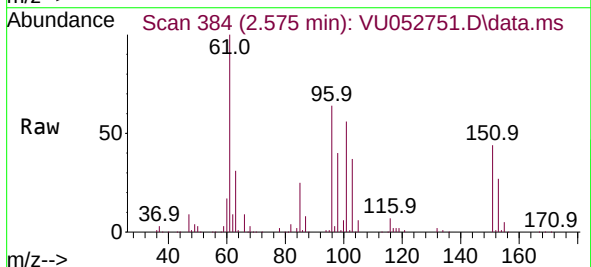
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

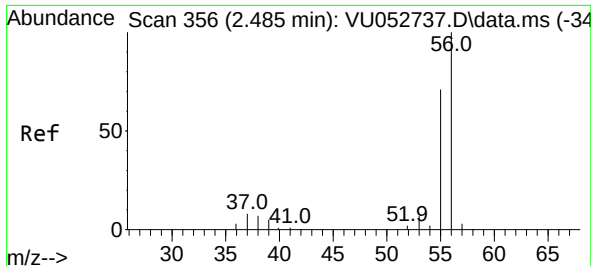
Tgt Ion: 59 Resp: 10276
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.059 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 96 Resp: 109928
Ion Ratio Lower Upper
96 100
61 157.2 129.8 194.6
98 62.3 49.9 74.9

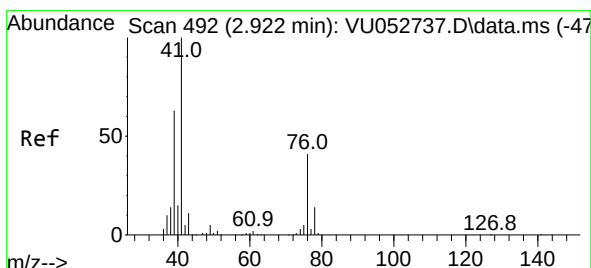
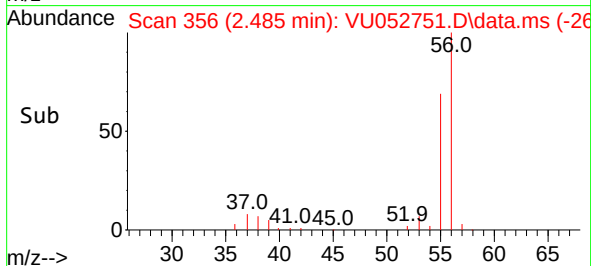
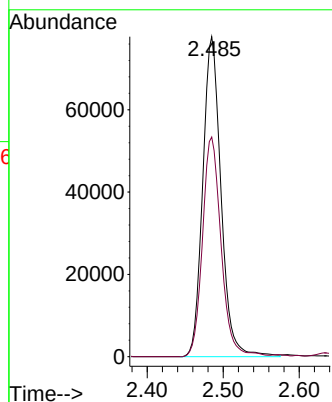
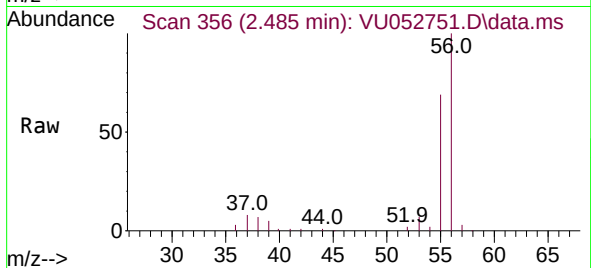




#13
Acrolein
Concen: 262.554 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

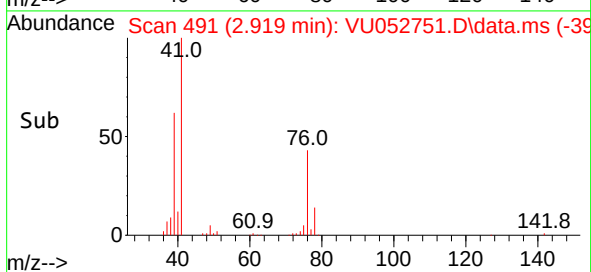
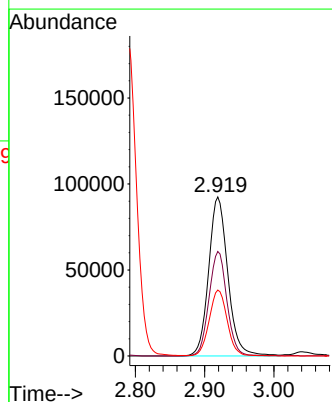
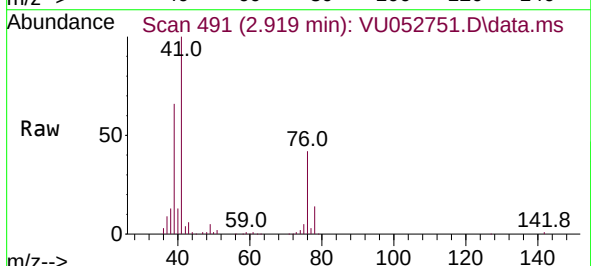
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

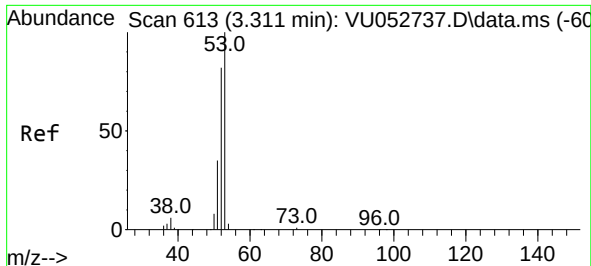
Tgt Ion: 56 Resp: 129976
Ion Ratio Lower Upper
56 100
55 69.7 57.2 85.8



#14
Allyl chloride
Concen: 48.356 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 41 Resp: 177923
Ion Ratio Lower Upper
41 100
39 61.2 48.2 72.2
76 38.2 29.4 44.0

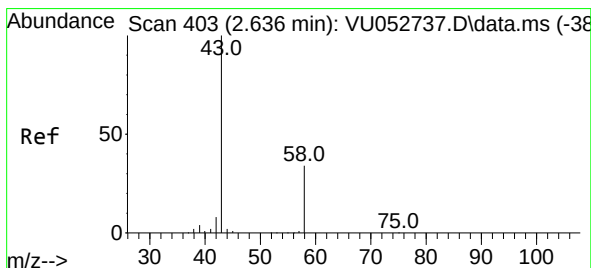
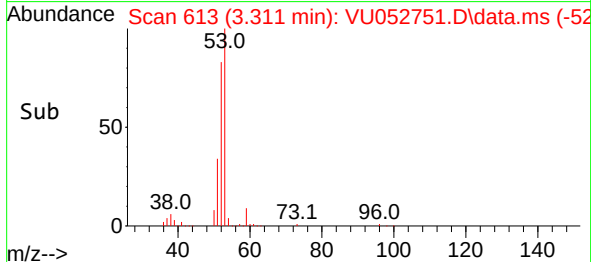
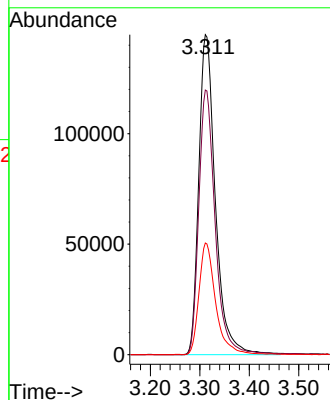
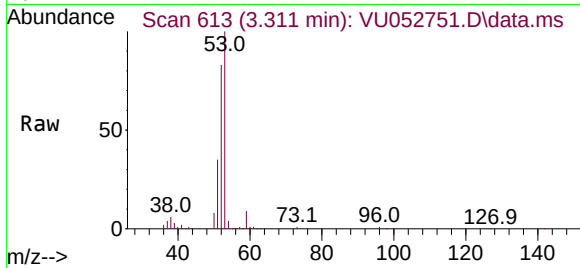




#15
Acrylonitrile
Concen: 227.844 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

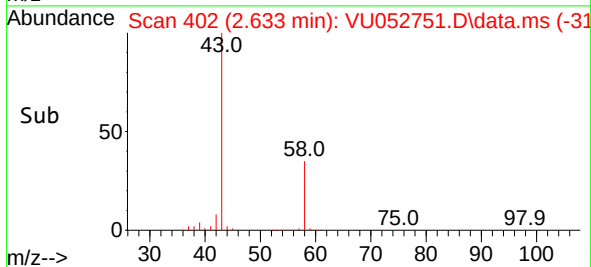
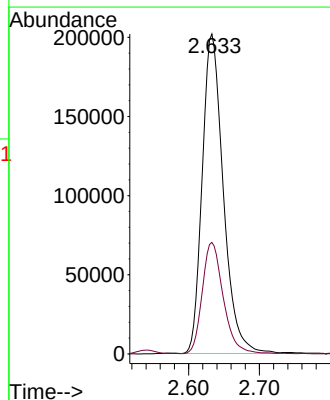
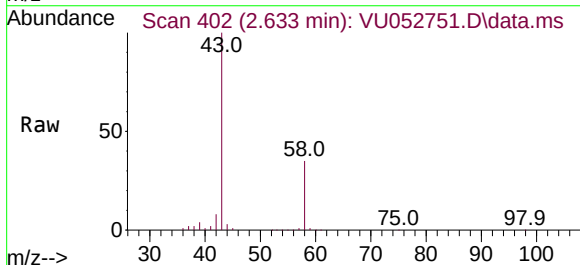
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

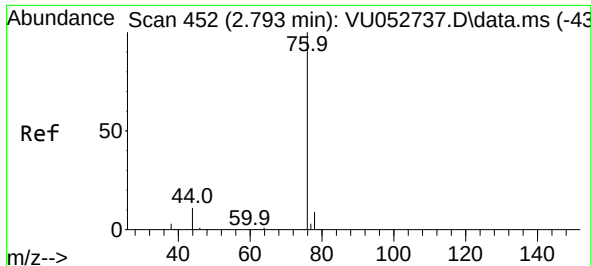
Tgt Ion: 53 Resp: 338797
Ion Ratio Lower Upper
53 100
52 81.8 64.9 97.3
51 35.1 27.6 41.4



#16
Acetone
Concen: 276.537 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 43 Resp: 416853
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

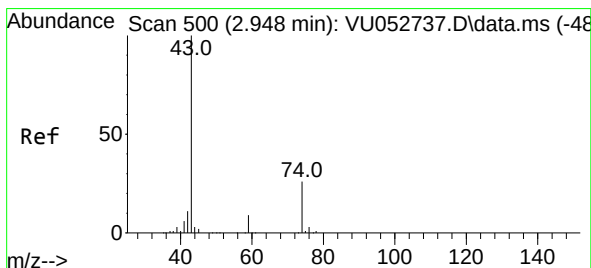
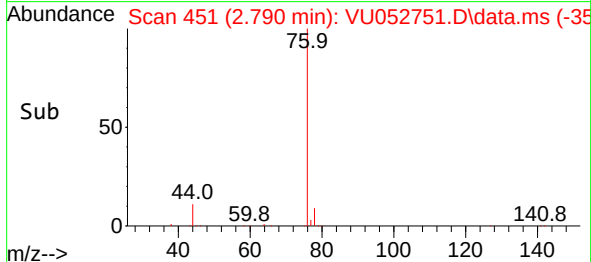
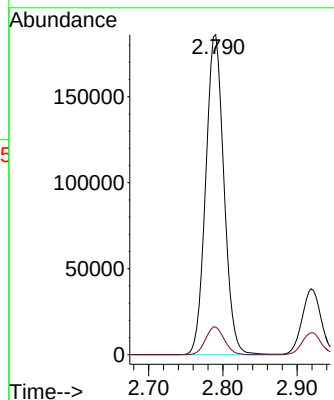
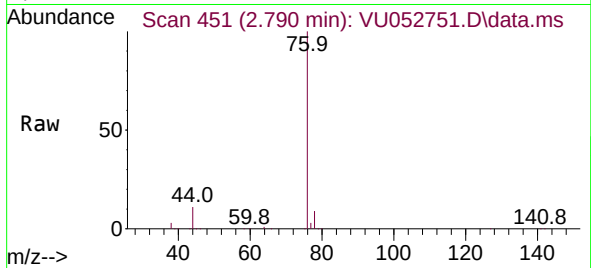




#17
Carbon Disulfide
Concen: 45.206 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

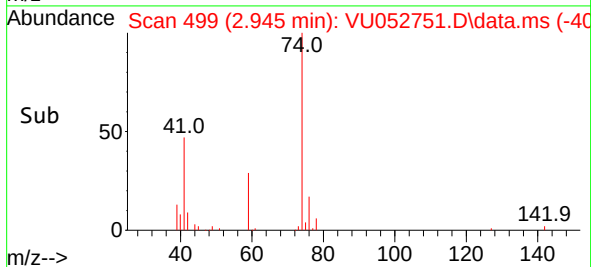
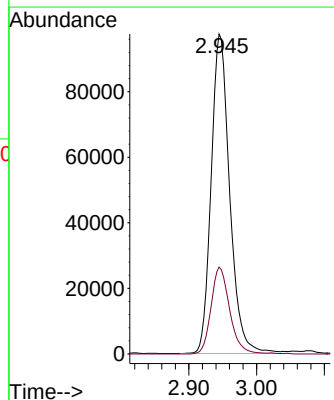
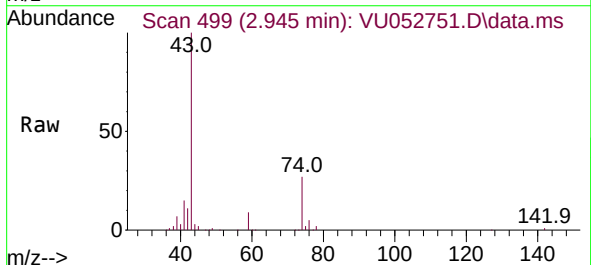
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

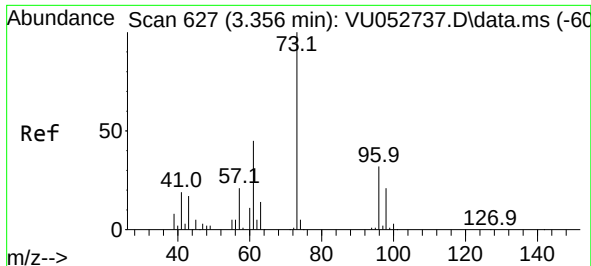
Tgt Ion: 76 Resp: 316407
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 44.412 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 43 Resp: 185285
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7

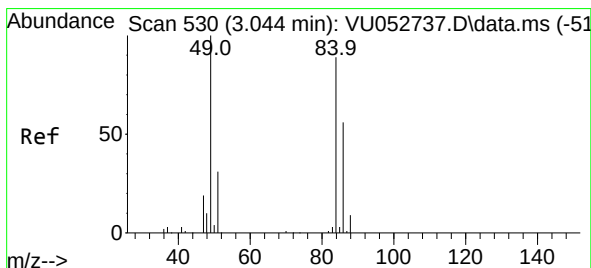
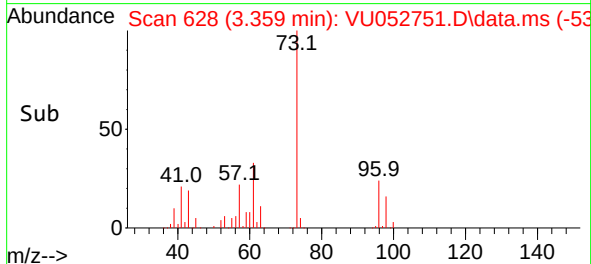
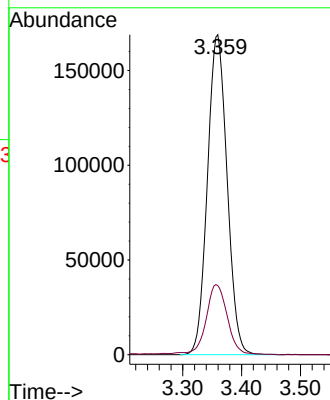
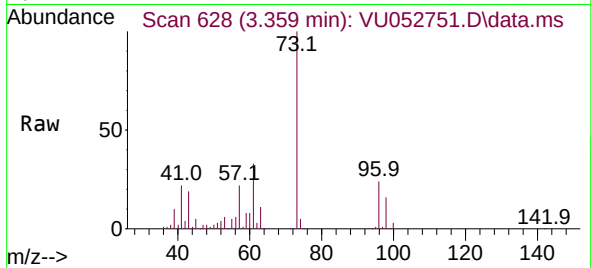




#19
Methyl tert-butyl Ether
Concen: 49.549 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

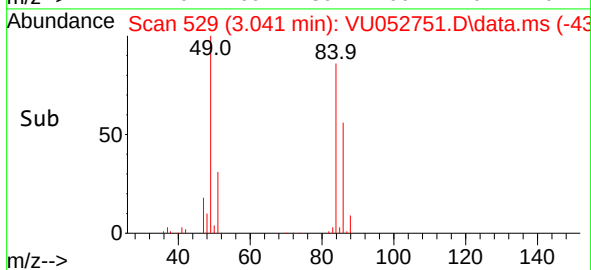
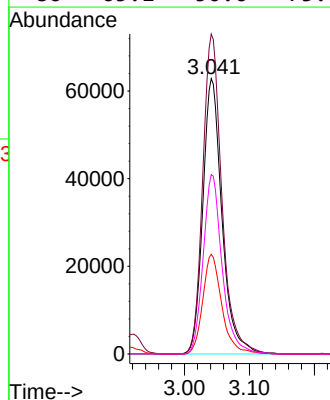
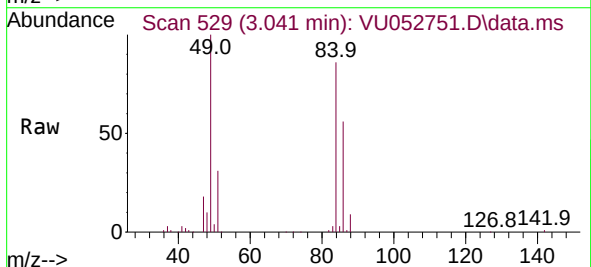
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

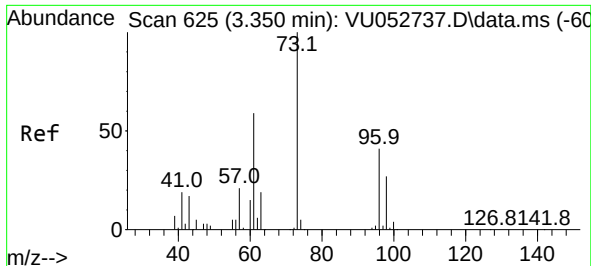
Tgt Ion: 73 Resp: 392143
Ion Ratio Lower Upper
73 100
57 21.6 16.9 25.3



#20
Methylene Chloride
Concen: 48.019 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 84 Resp: 129121
Ion Ratio Lower Upper
84 100
49 116.2 90.2 135.4
51 36.2 28.1 42.1
86 65.1 50.6 75.8

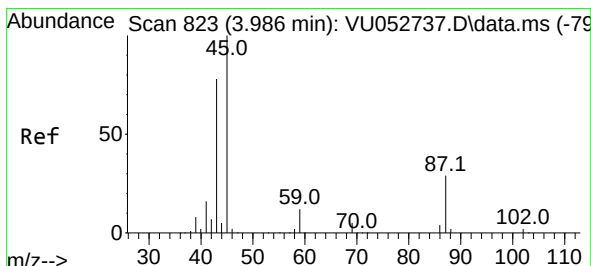
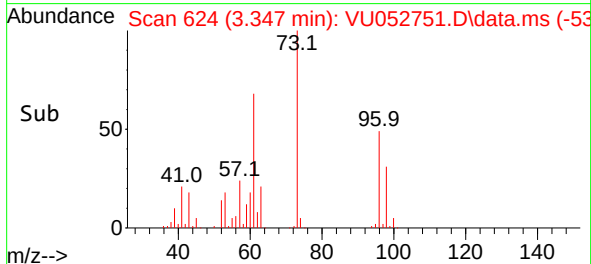
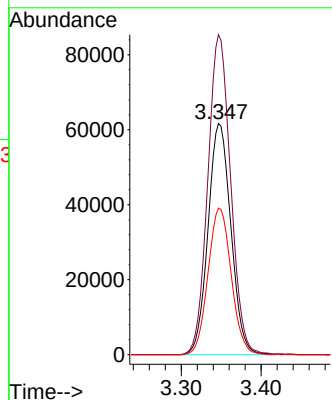
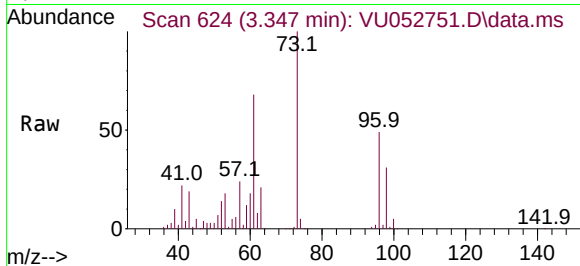




#21
trans-1,2-Dichloroethene
Concen: 48.753 ug/l
RT: 3.347 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

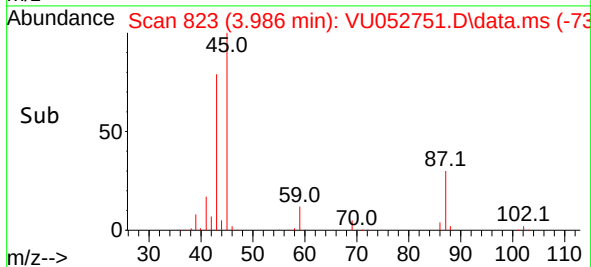
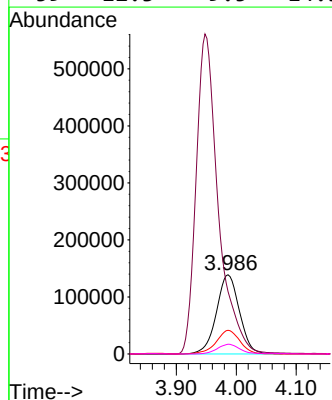
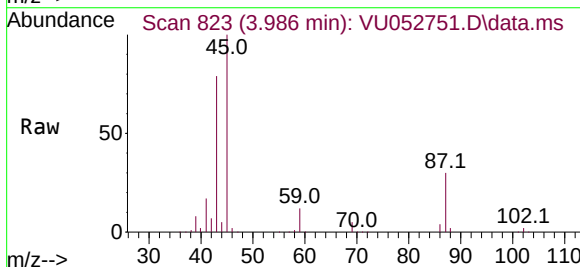
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

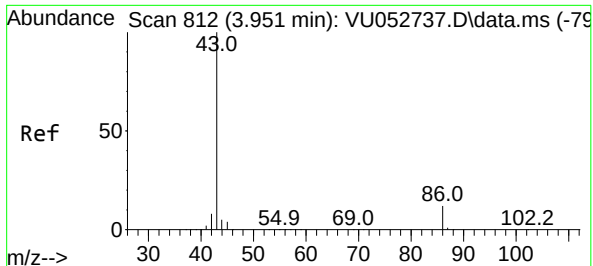
Tgt Ion: 96 Resp: 122769
Ion Ratio Lower Upper
96 100
61 138.4 114.7 172.1
98 63.4 52.4 78.6



#22
Diisopropyl ether
Concen: 48.248 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 45 Resp: 369186
Ion Ratio Lower Upper
45 100
43 77.6 64.6 97.0
87 29.9 23.2 34.8
59 12.3 9.5 14.3

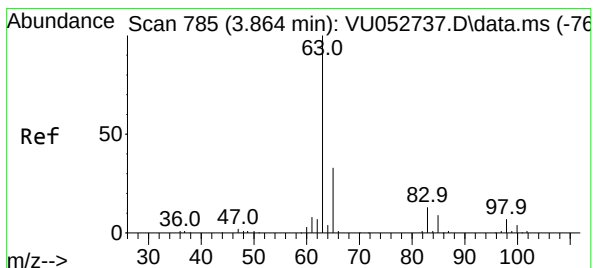
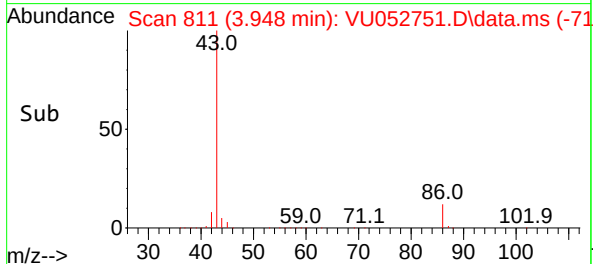
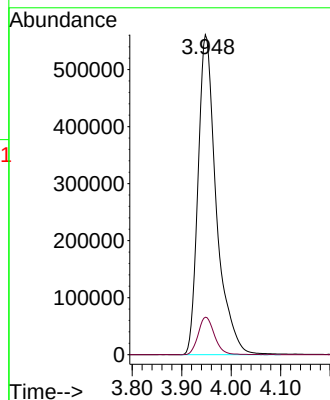
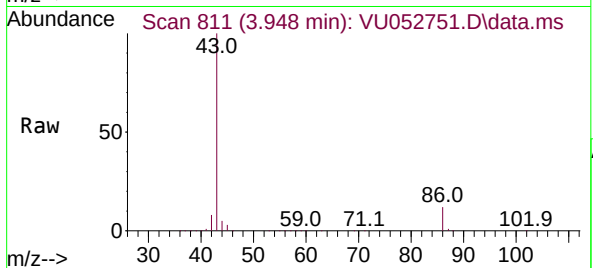




#23
 Vinyl Acetate
 Concen: 245.598 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

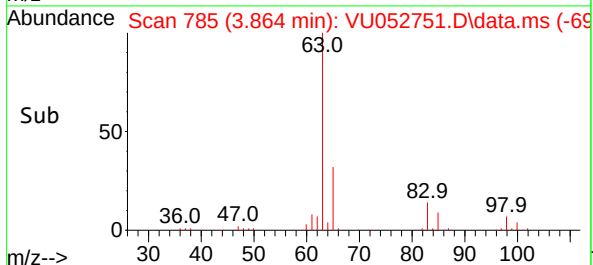
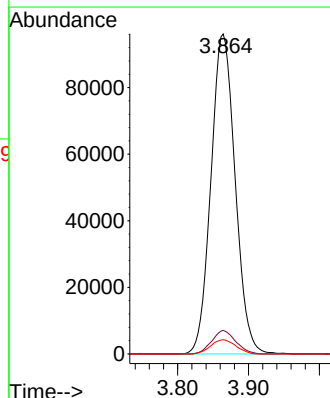
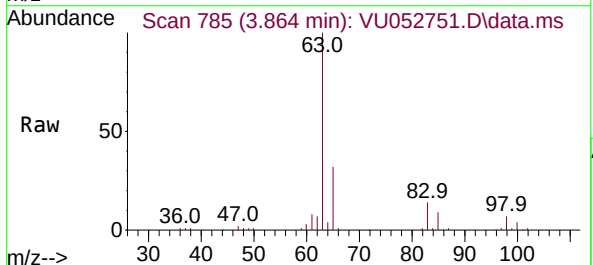
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

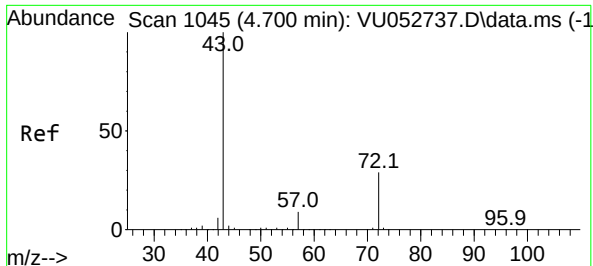
Tgt Ion: 43 Resp: 1441947
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 46.945 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

Tgt Ion: 63 Resp: 227829
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 250.623 ug/l

RT: 4.703 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

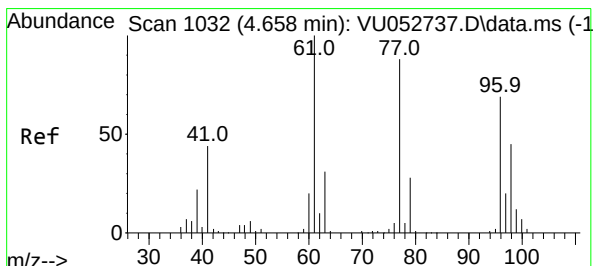
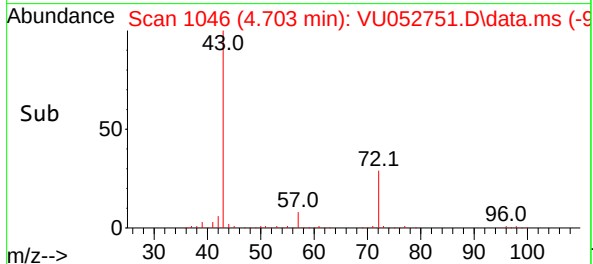
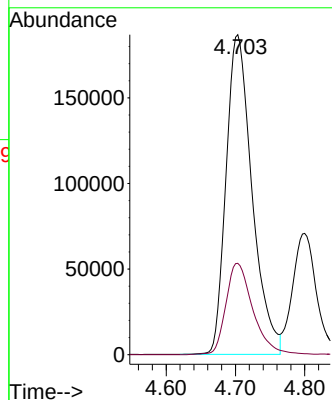
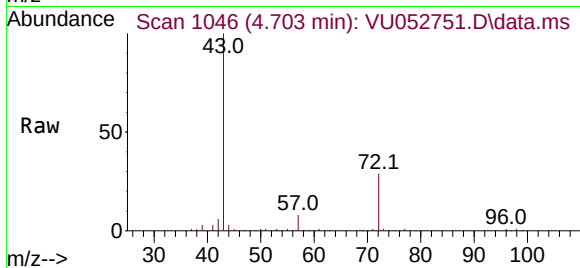
VSTDCCC050

Tgt Ion: 43 Resp: 487231

Ion Ratio Lower Upper

43 100

72 28.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 48.760 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052751.D

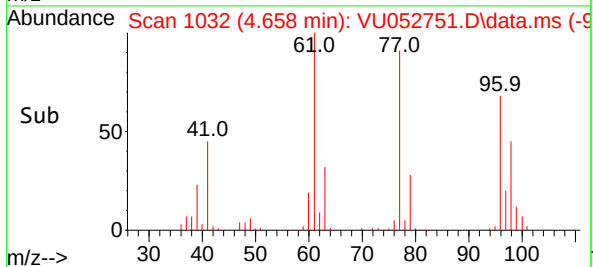
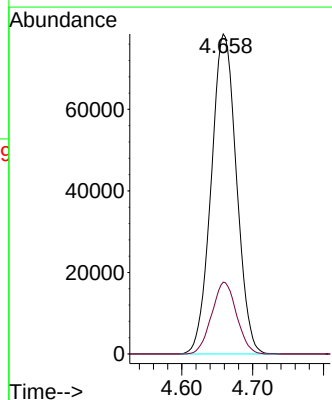
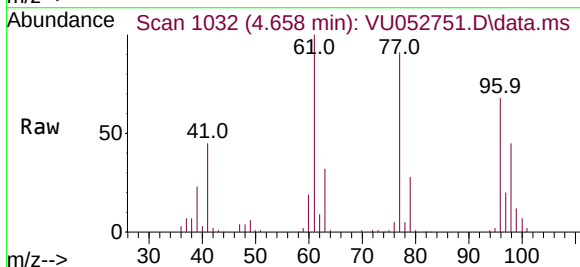
Acq: 20 Jan 2023 10:11

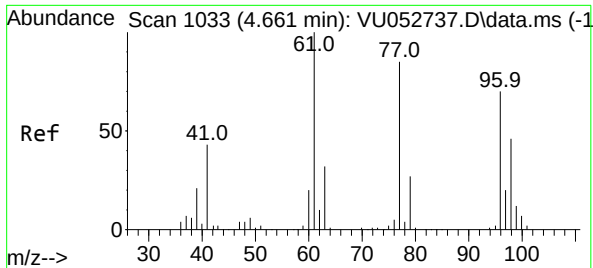
Tgt Ion: 77 Resp: 194128

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8

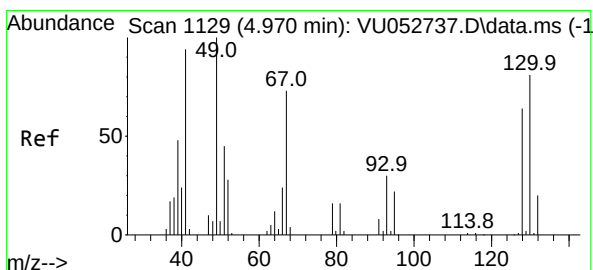
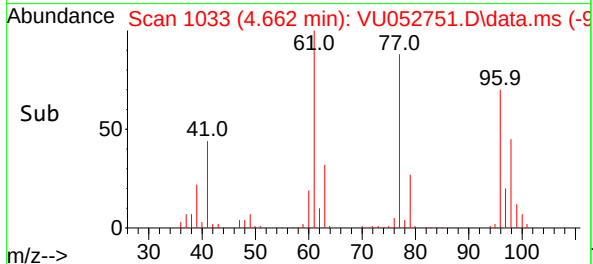
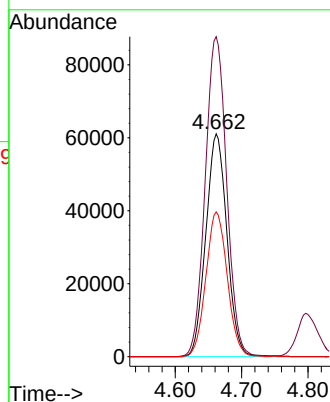
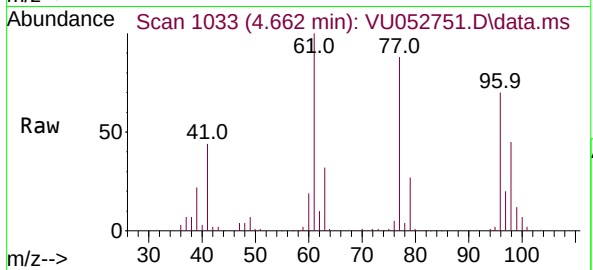




#27
 cis-1,2-Dichloroethene
 Concen: 48.977 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

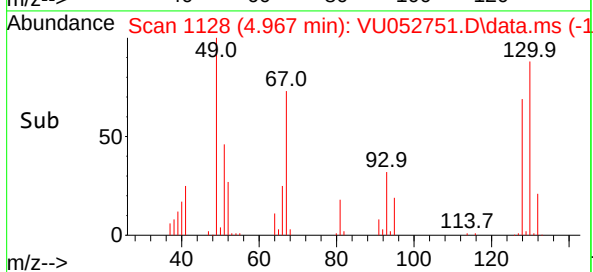
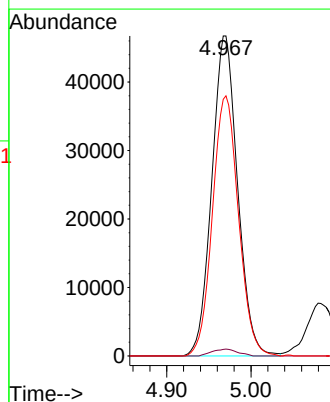
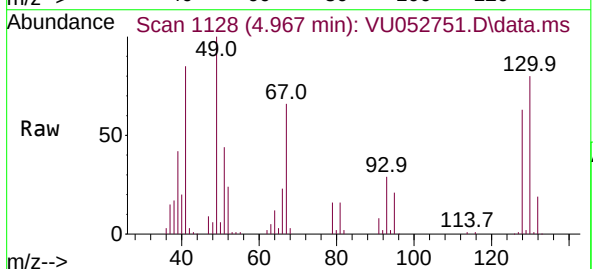
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

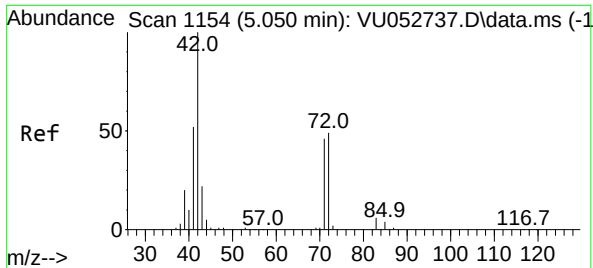
Tgt Ion: 96 Resp: 135386
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 287.2
 98 65.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.004 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

Tgt Ion: 49 Resp: 99268
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.1 65.5 98.3

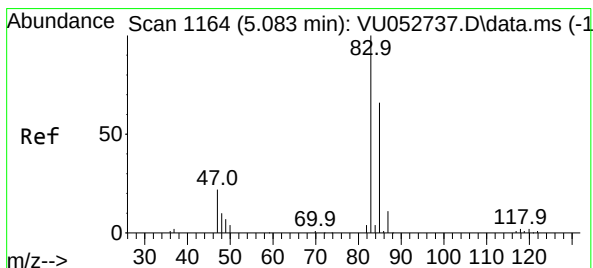
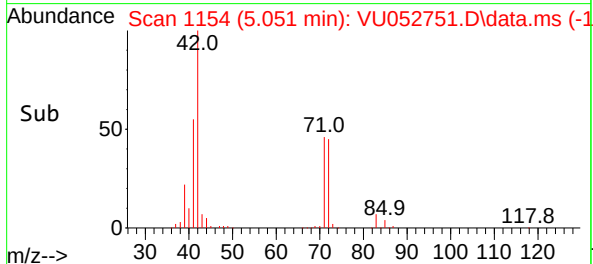
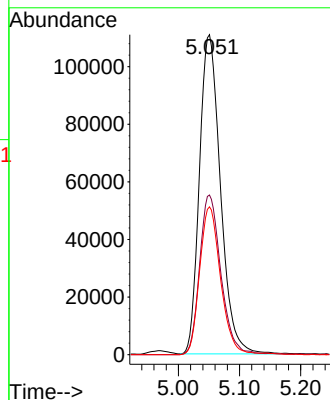
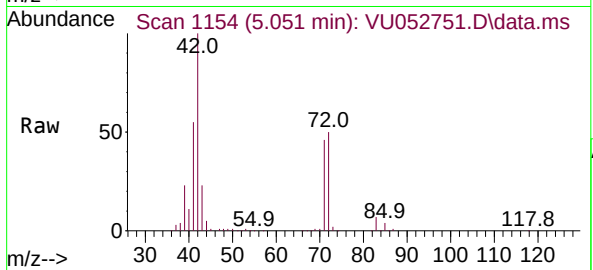




#29
Tetrahydrofuran
Concen: 235.063 ug/l
RT: 5.051 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

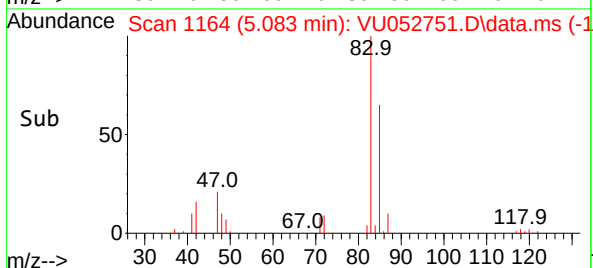
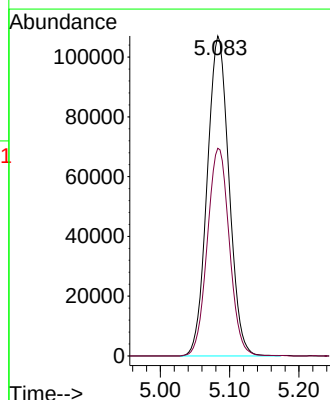
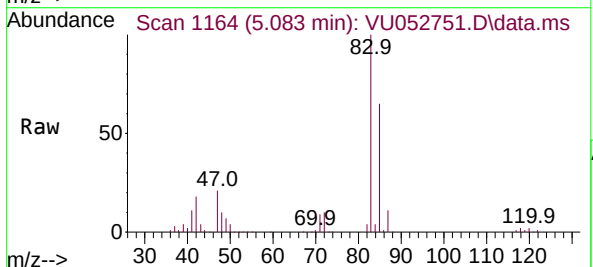
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

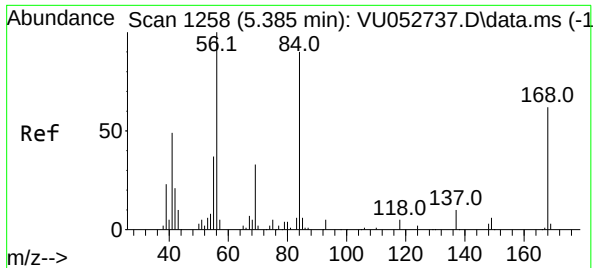
Tgt Ion: 42 Resp: 265278
Ion Ratio Lower Upper
42 100
72 50.5 40.5 60.7
71 45.9 37.4 56.0



#30
Chloroform
Concen: 45.104 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 83 Resp: 233982
Ion Ratio Lower Upper
83 100
85 64.9 52.6 79.0

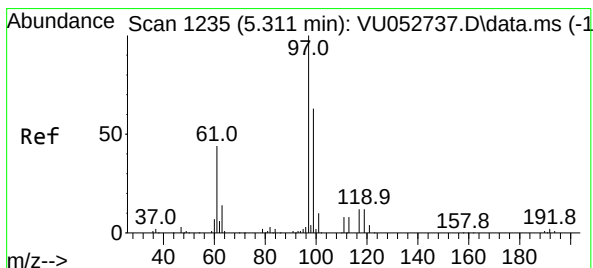
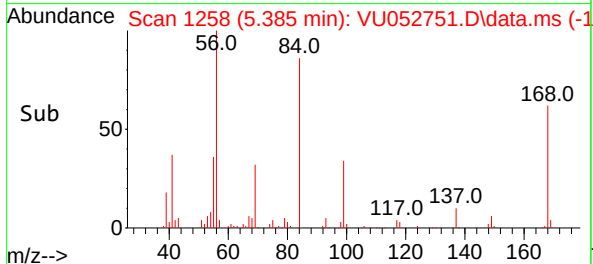
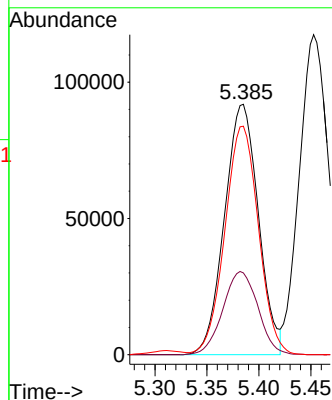
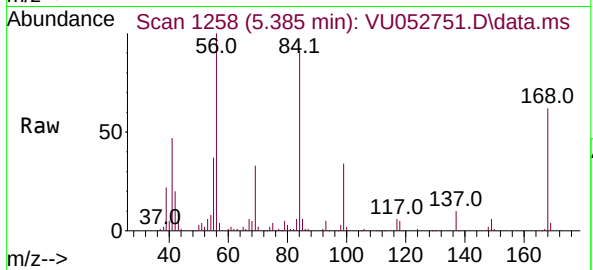




#31
Cyclohexane
Concen: 47.112 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

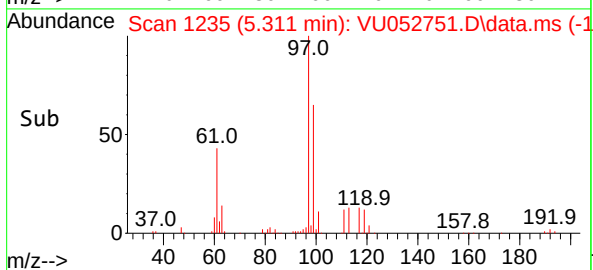
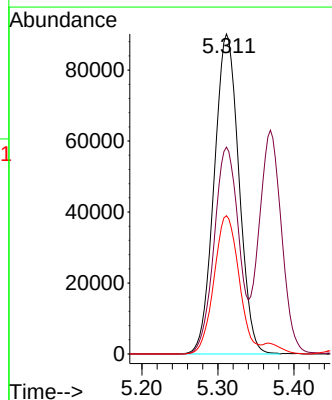
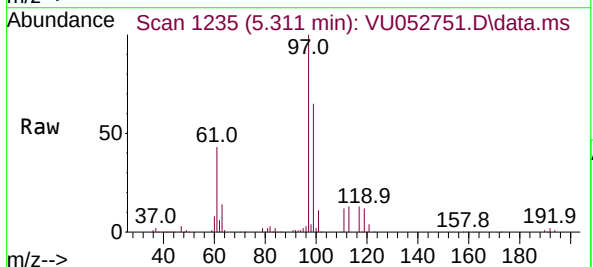
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

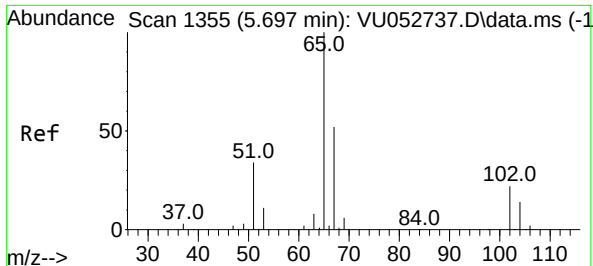
Tgt Ion: 56 Resp: 208795
Ion Ratio Lower Upper
56 100
69 32.6 26.2 39.2
84 90.0 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 47.955 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 97 Resp: 203762
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.668 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

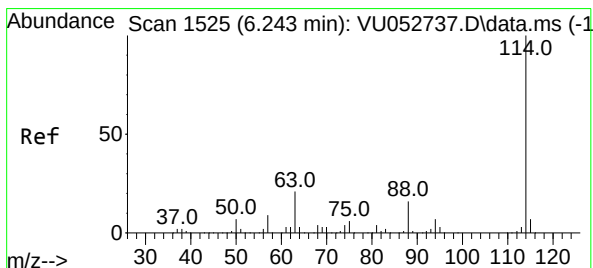
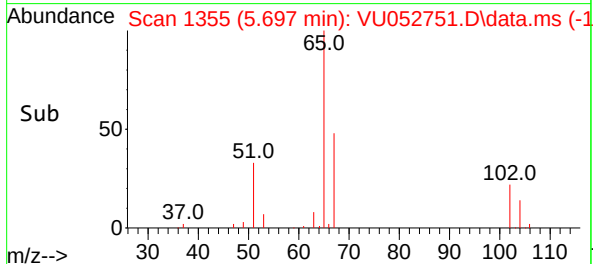
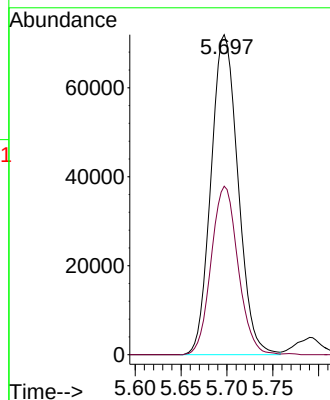
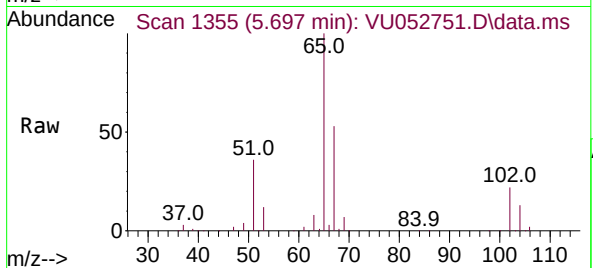
VSTDCCC050

Tgt Ion: 65 Resp: 147602

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

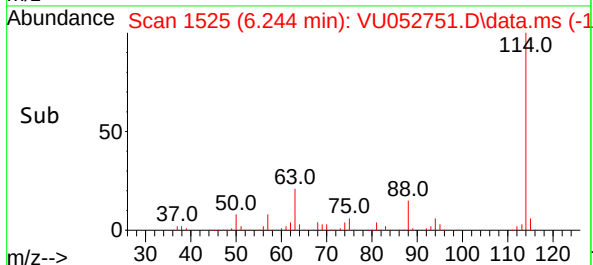
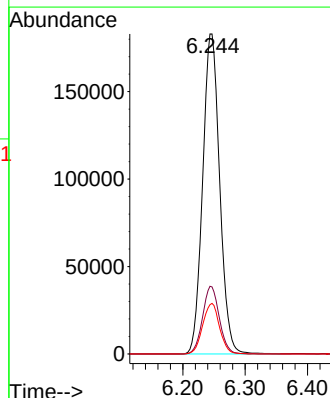
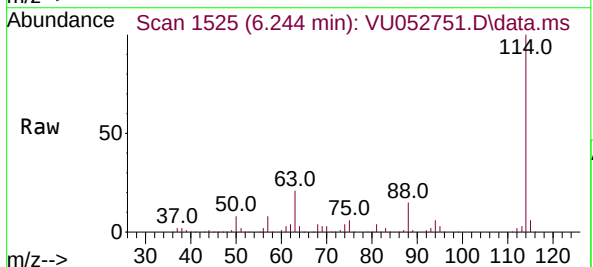
Tgt Ion: 114 Resp: 347426

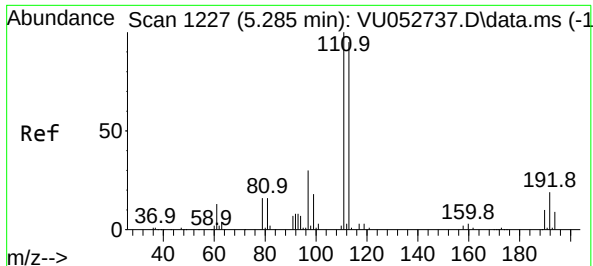
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.4 0.0 32.8

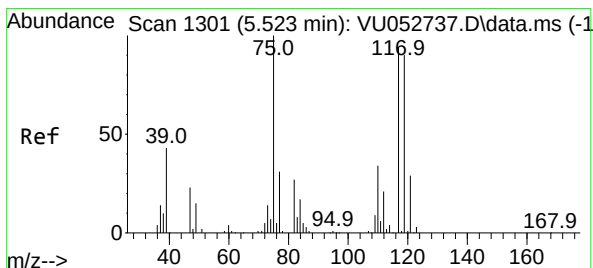
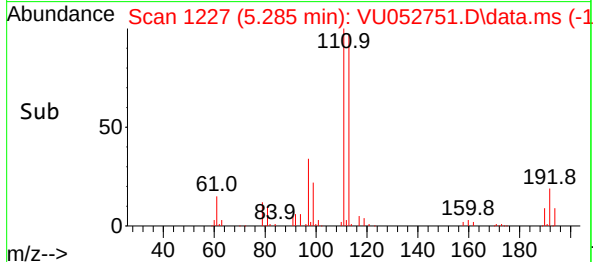
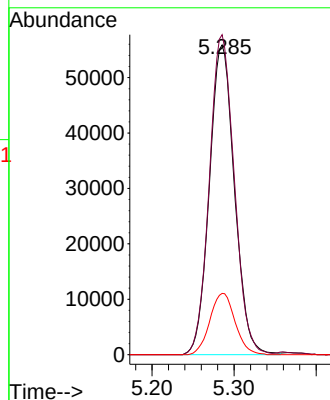
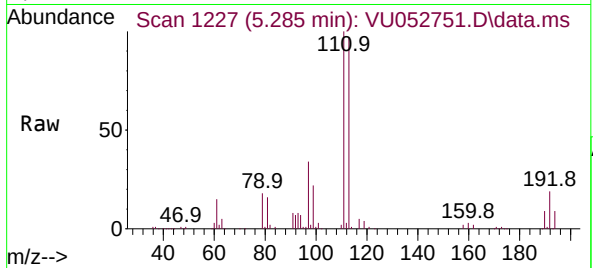




#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

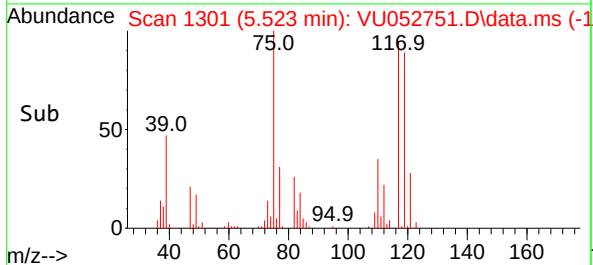
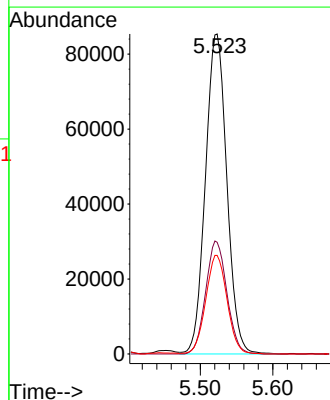
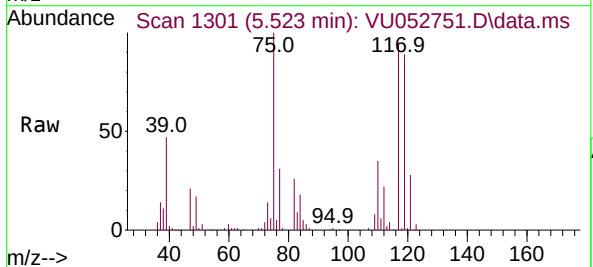
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

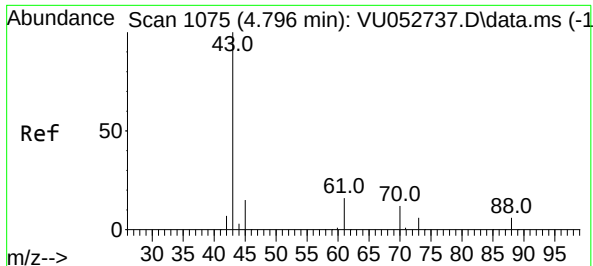
Tgt Ion:113 Resp: 119054
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.9 15.7 23.5



#36
1,1-Dichloropropene
Concen: 50.449 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 75 Resp: 175111
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.7 25.0 37.4

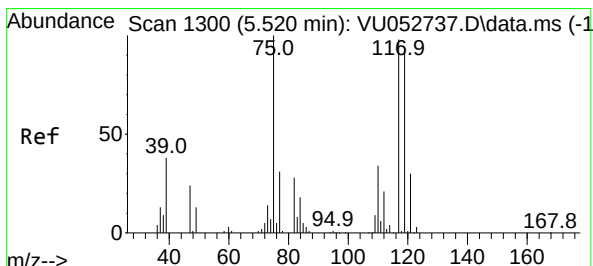
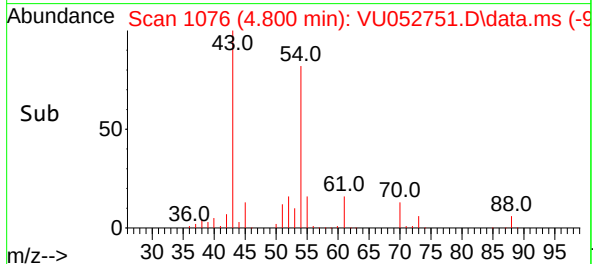
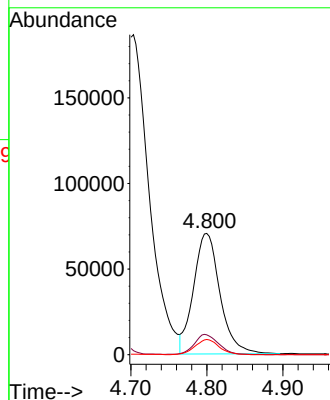
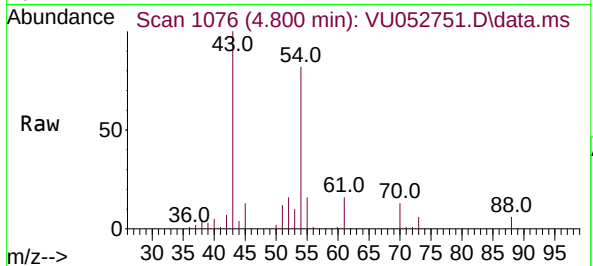




#37
Ethyl Acetate
Concen: 45.173 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

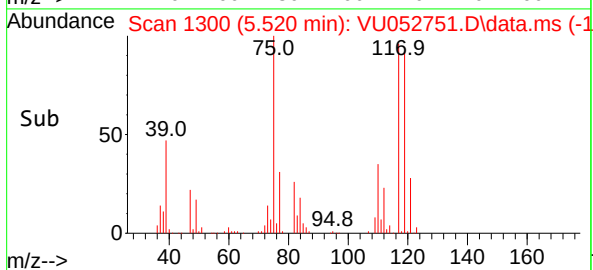
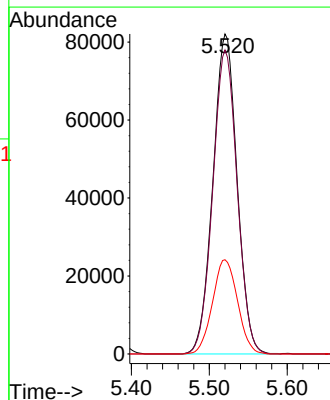
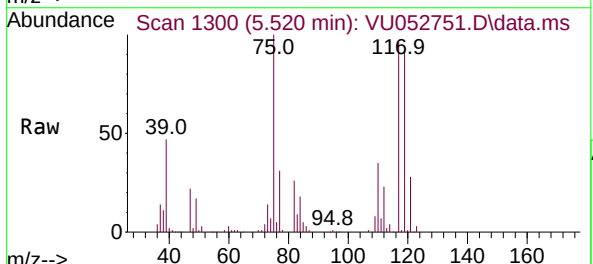
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

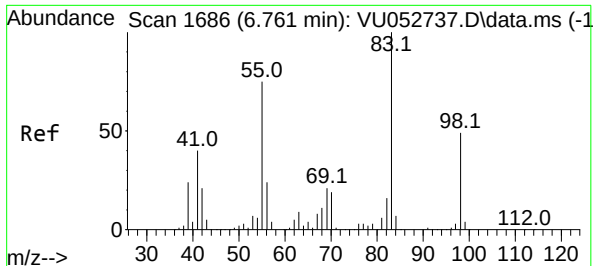
Tgt Ion: 43 Resp: 170446
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 117 Resp: 177038
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4
121 29.5 24.2 36.4





#39

Methylcyclohexane

Concen: 52.441 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

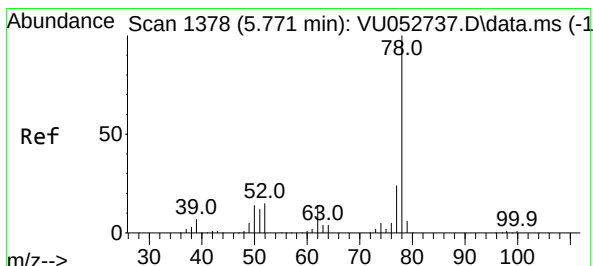
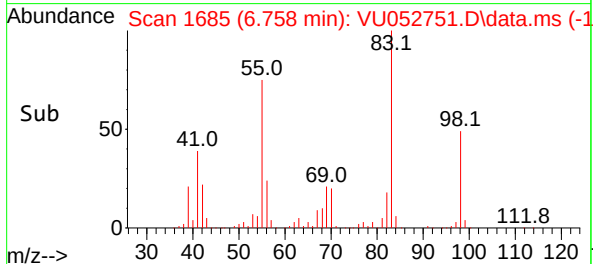
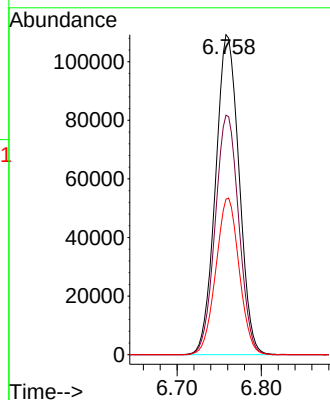
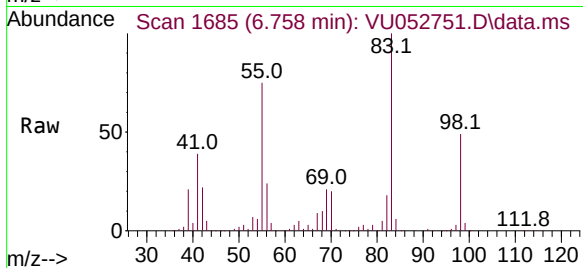
Tgt Ion: 83 Resp: 211813

Ion Ratio Lower Upper

83 100

55 74.9 60.4 90.6

98 48.6 38.9 58.3



#40

Benzene

Concen: 48.529 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052751.D

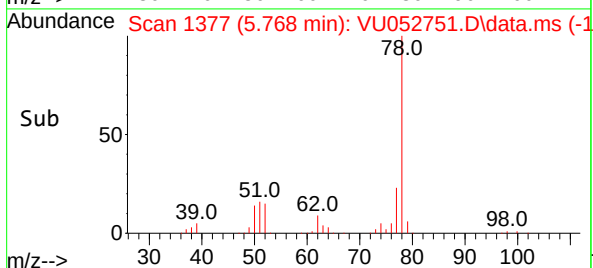
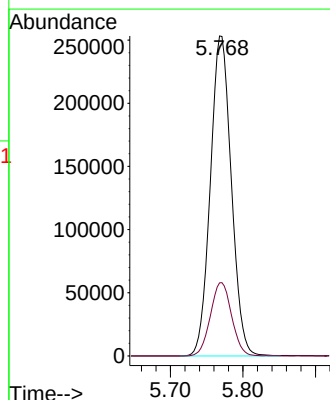
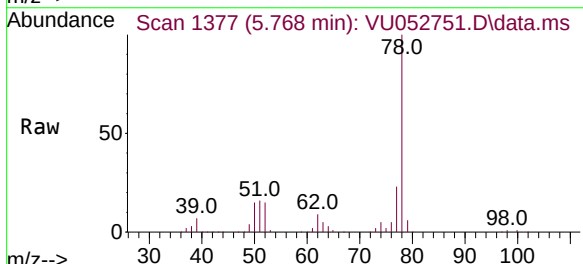
Acq: 20 Jan 2023 10:11

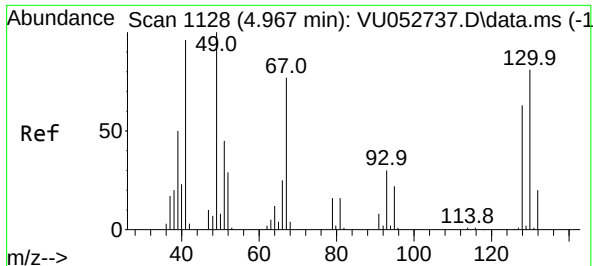
Tgt Ion: 78 Resp: 508625

Ion Ratio Lower Upper

78 100

77 22.9 18.9 28.3

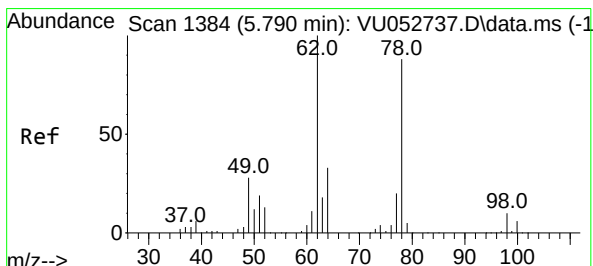
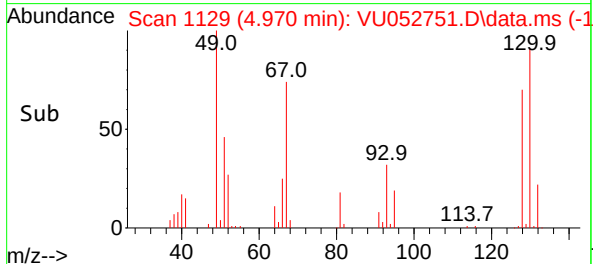
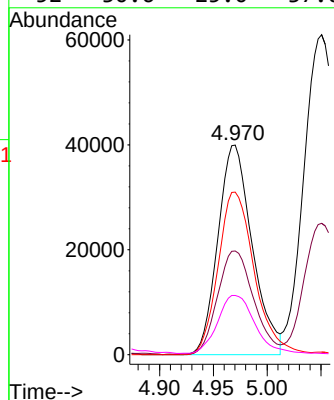
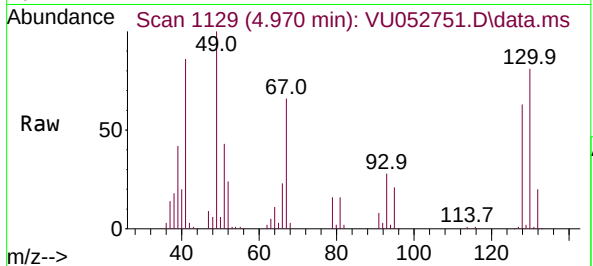




#41
Methacrylonitrile
Concen: 48.685 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

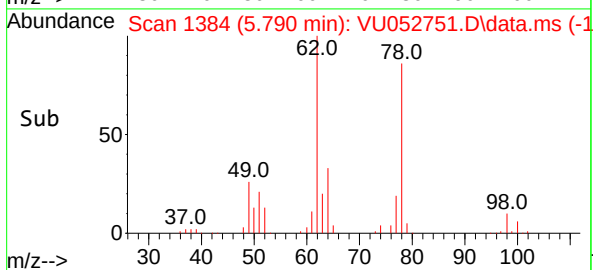
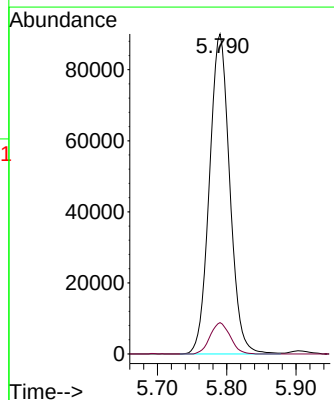
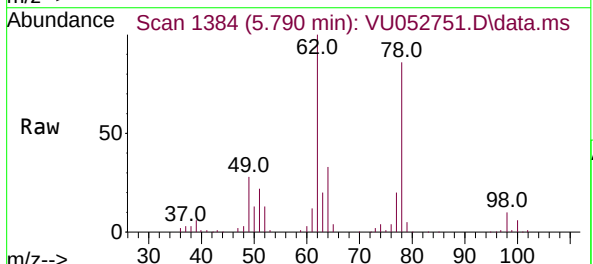
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

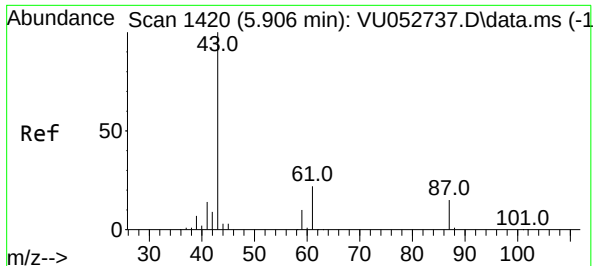
Tgt Ion: 41	Resp: 88868
Ion Ratio	Lower Upper
41 100	
39 51.3	42.2 63.2
67 81.8	65.0 97.6
52 30.6	25.0 37.6



#42
1,2-Dichloroethane
Concen: 48.446 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 62	Resp: 183344
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.0





#43

Isopropyl Acetate

Concen: 48.735 ug/l

RT: 5.909 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

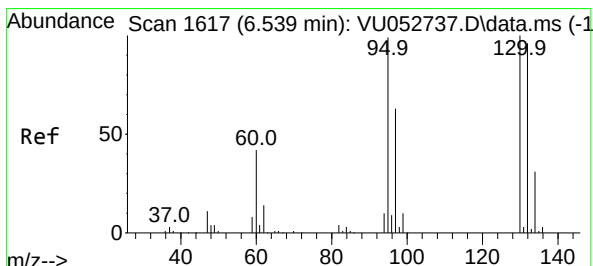
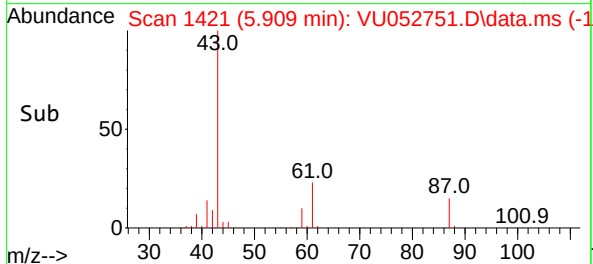
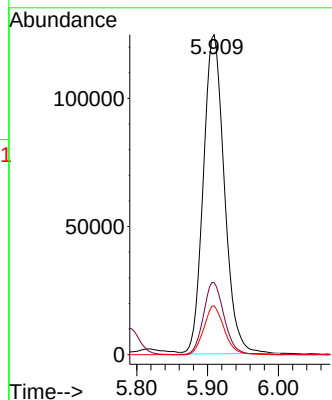
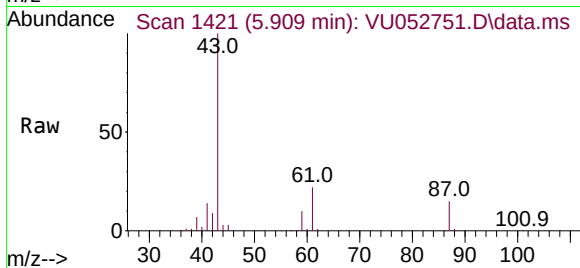
Tgt Ion: 43 Resp: 256318

Ion Ratio Lower Upper

43 100

61 22.4 18.1 27.1

87 14.8 11.7 17.5



#44

Trichloroethene

Concen: 49.793 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052751.D

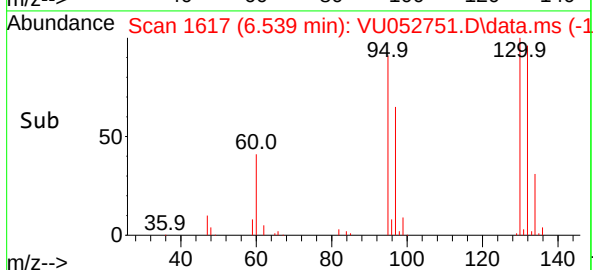
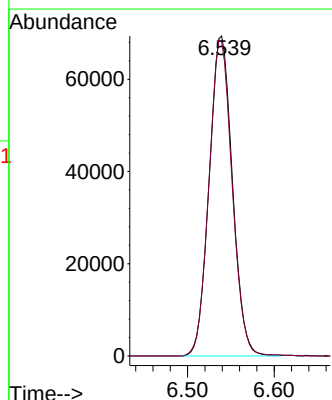
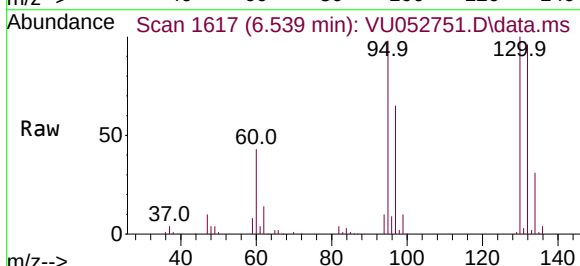
Acq: 20 Jan 2023 10:11

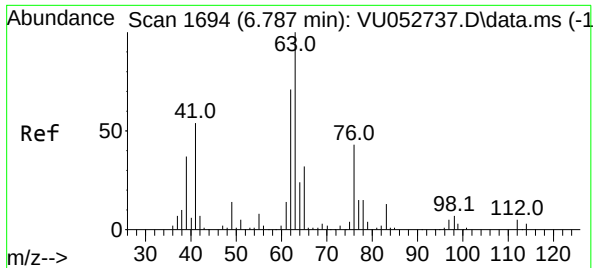
Tgt Ion:130 Resp: 129082

Ion Ratio Lower Upper

130 100

95 98.3 0.0 198.2





#45

1,2-Dichloropropane

Concen: 48.312 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

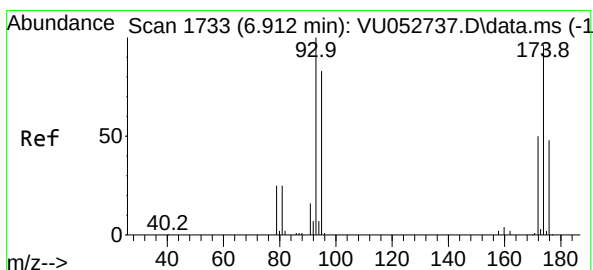
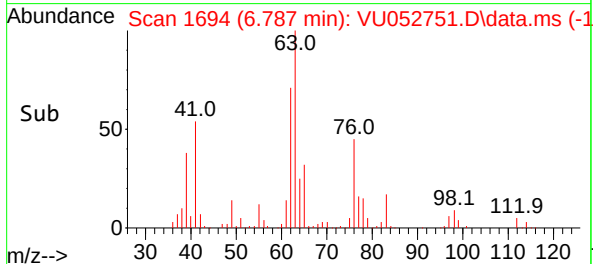
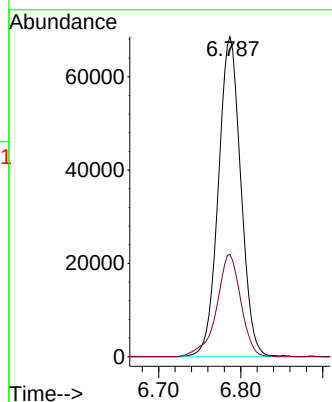
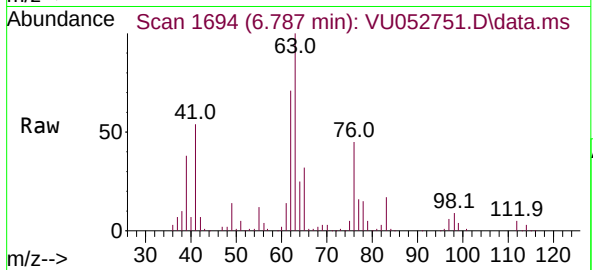
VSTDCCC050

Tgt Ion: 63 Resp: 130603

Ion Ratio Lower Upper

63 100

65 32.0 26.0 39.0



#46

Dibromomethane

Concen: 47.434 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

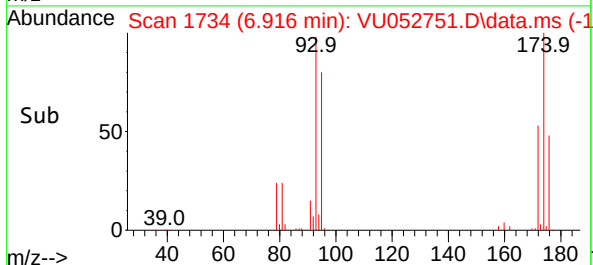
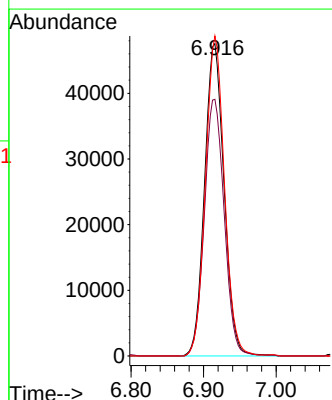
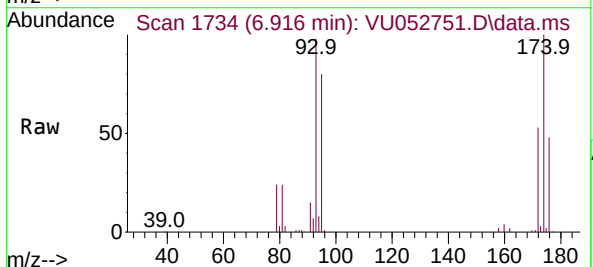
Tgt Ion: 93 Resp: 88802

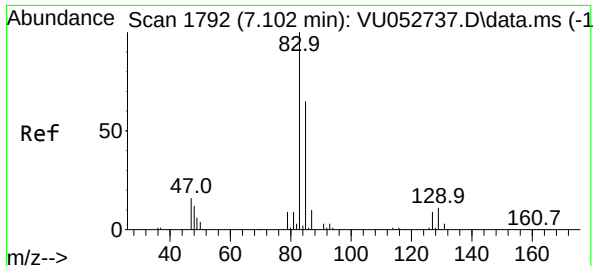
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 99.9 78.6 117.8

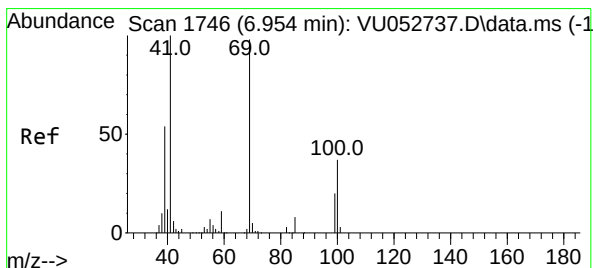
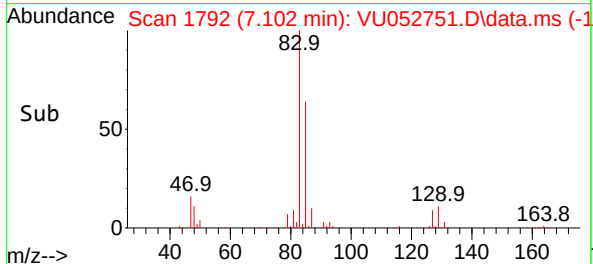
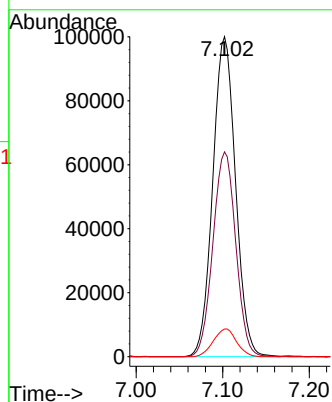
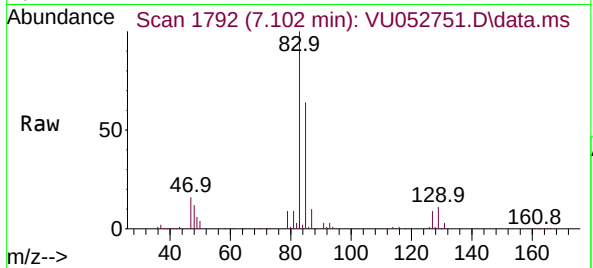




#47
Bromodichloromethane
Concen: 48.748 ug/l
RT: 7.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

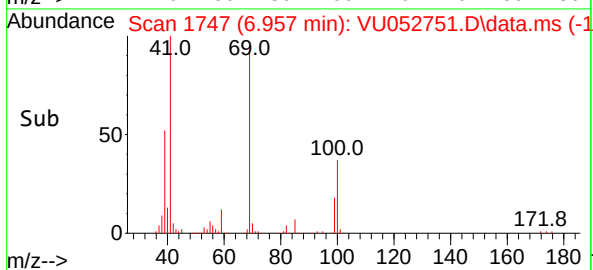
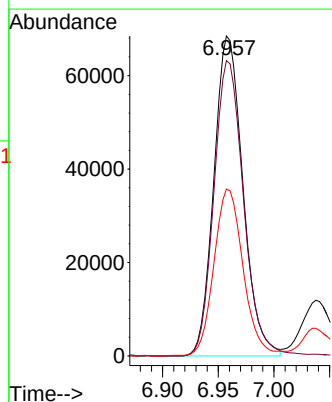
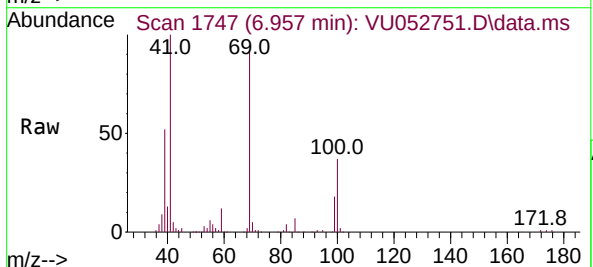
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

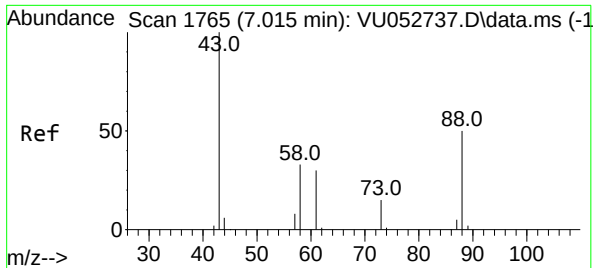
Tgt Ion: 83 Resp: 182618
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 51.773 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 41 Resp: 124080
Ion Ratio Lower Upper
41 100
69 94.6 77.2 115.8
39 52.7 42.9 64.3





#49

1,4-Dioxane

Concen: 1095.833 ug/l

RT: 7.022 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

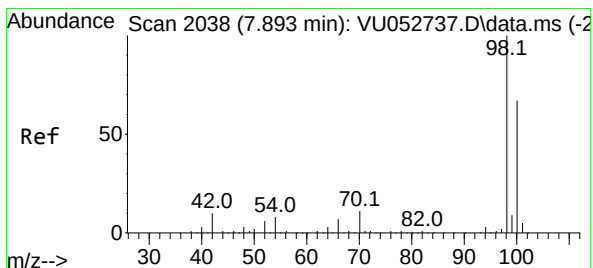
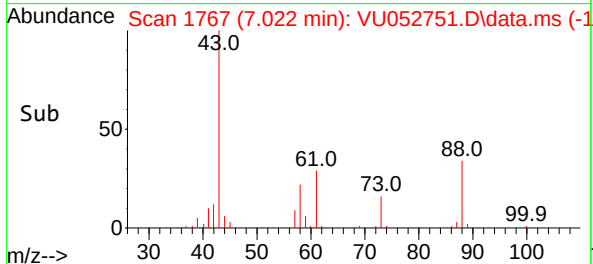
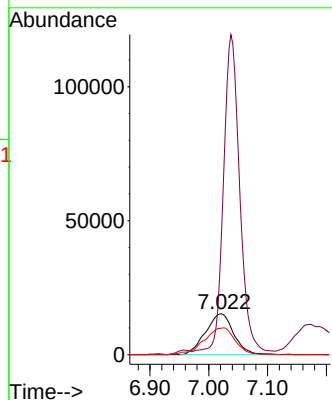
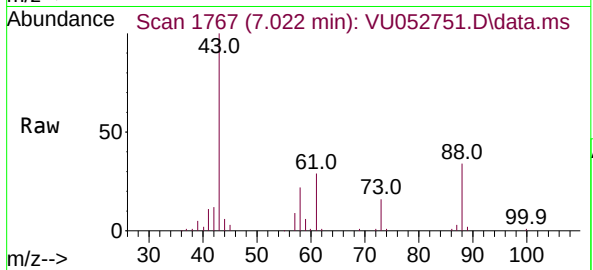
Tgt Ion: 88 Resp: 50889

Ion Ratio Lower Upper

88 100

43 437.8 374.7 562.1

58 71.7 59.2 88.8



#50

Toluene-d8

Concen: 48.992 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.003 min

Lab File: VU052751.D

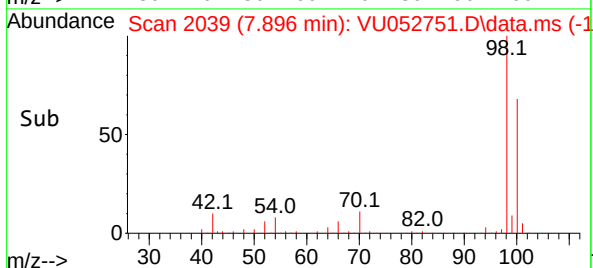
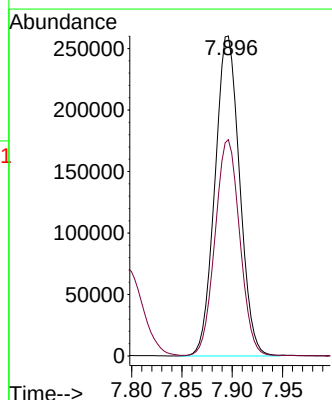
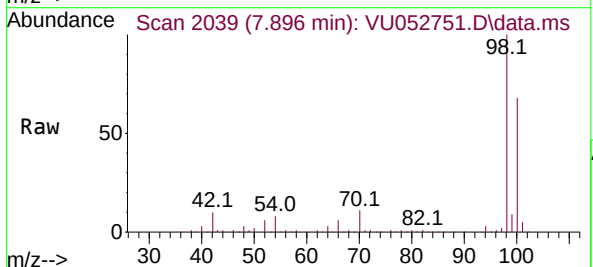
Acq: 20 Jan 2023 10:11

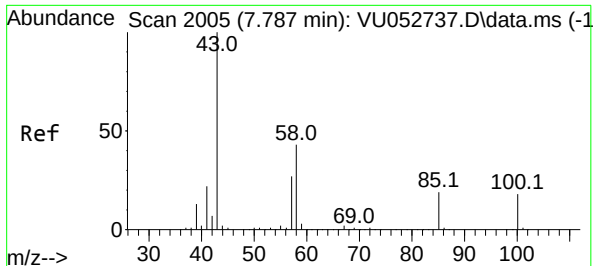
Tgt Ion: 98 Resp: 444471

Ion Ratio Lower Upper

98 100

100 67.9 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 246.822 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.007 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

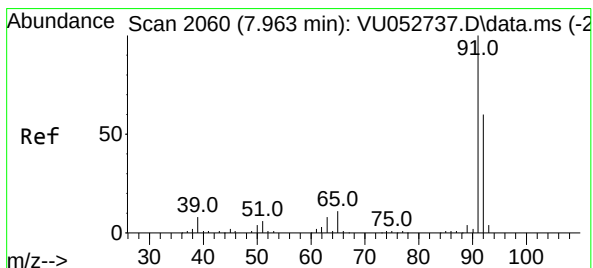
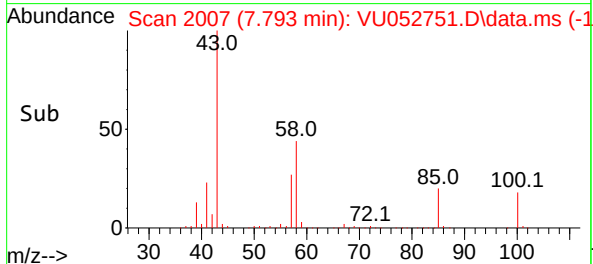
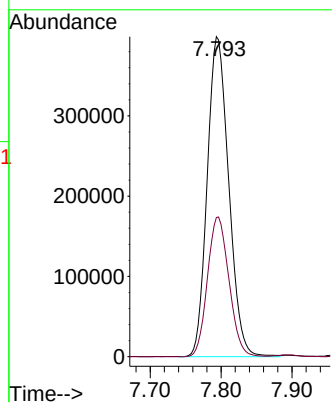
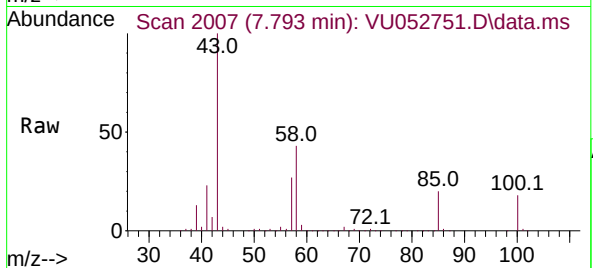
VSTDCCC050

Tgt Ion: 43 Resp: 840159

Ion Ratio Lower Upper

43 100

58 43.7 34.6 52.0



#52

Toluene

Concen: 50.954 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052751.D

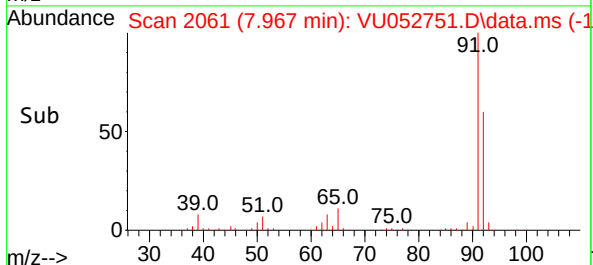
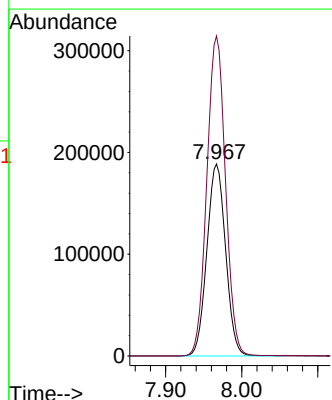
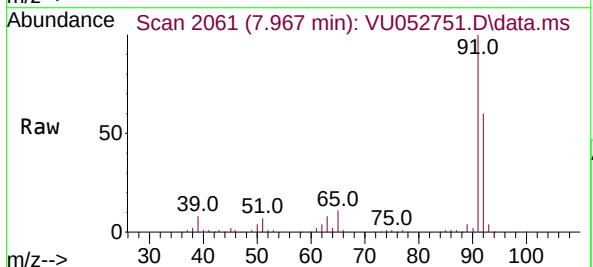
Acq: 20 Jan 2023 10:11

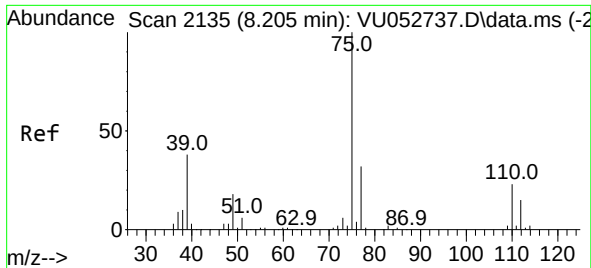
Tgt Ion: 92 Resp: 322976

Ion Ratio Lower Upper

92 100

91 165.8 134.9 202.3

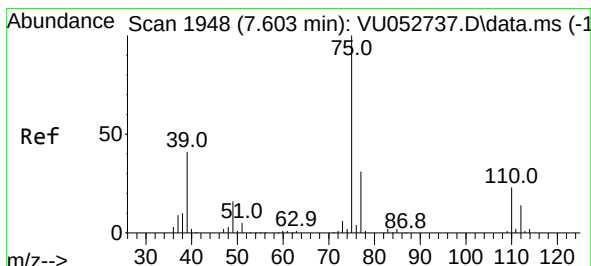
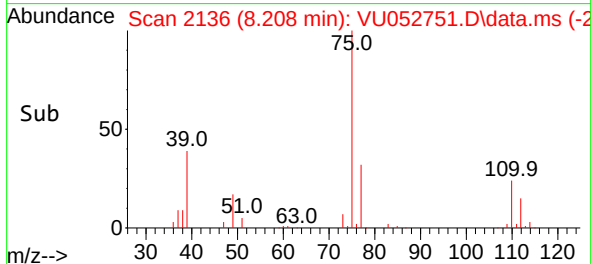
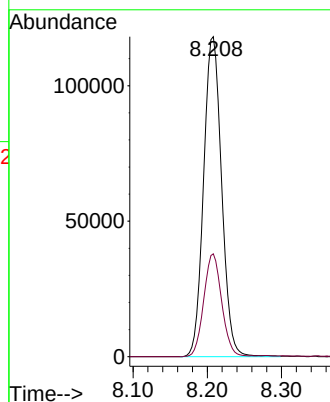
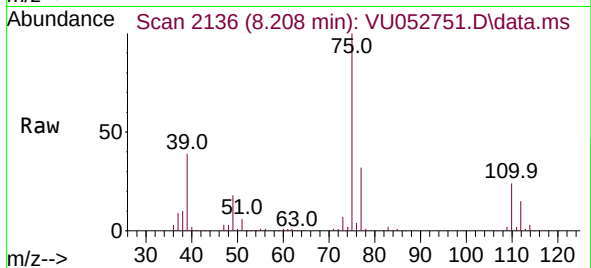




#53
 t-1,3-Dichloropropene
 Concen: 50.850 ug/l
 RT: 8.208 min Scan# 2135
 Delta R.T. 0.003 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

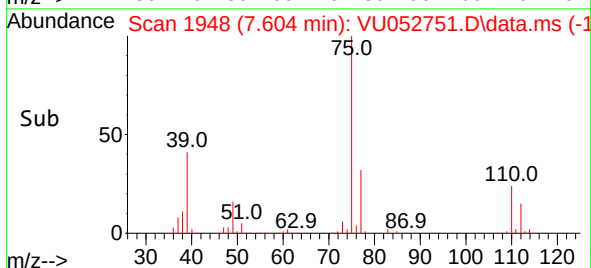
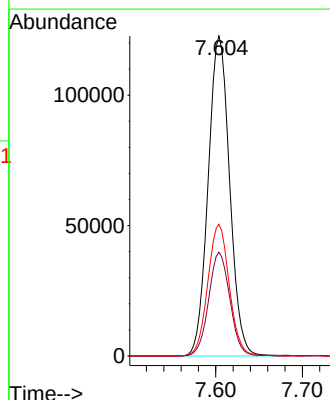
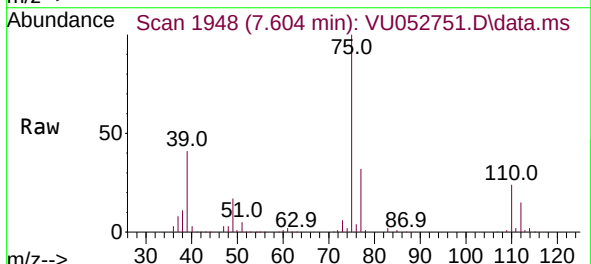
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

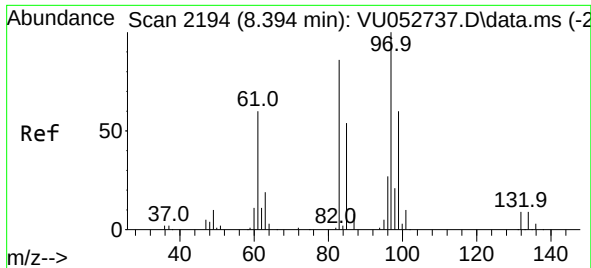
Tgt Ion: 75 Resp: 198983
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.678 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

Tgt Ion: 75 Resp: 211507
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.6
 39 41.2 32.9 49.3

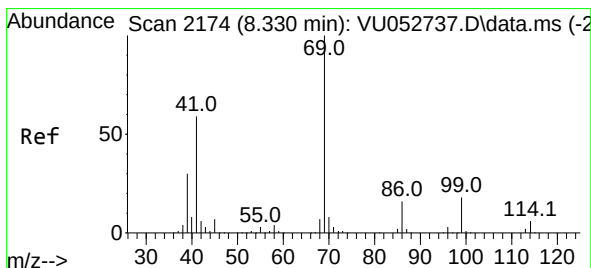
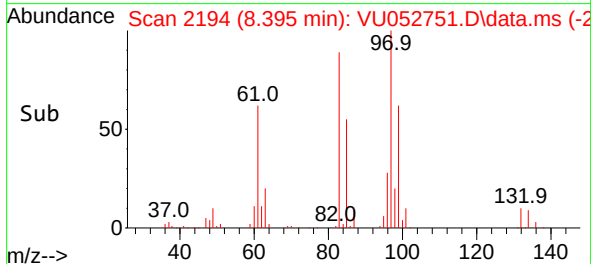
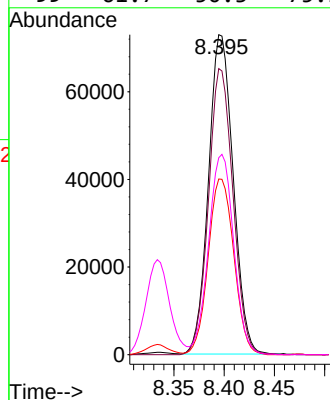
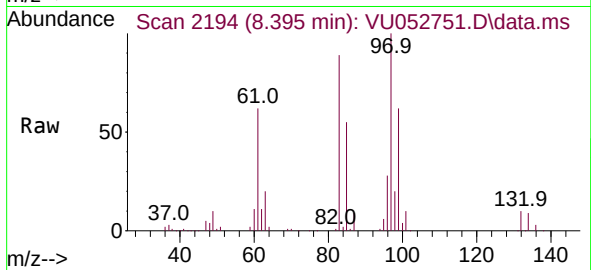




#55
1,1,2-Trichloroethane
Concen: 48.200 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

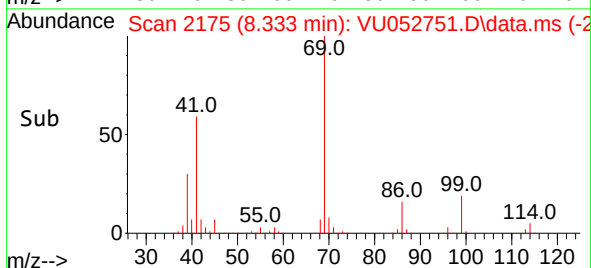
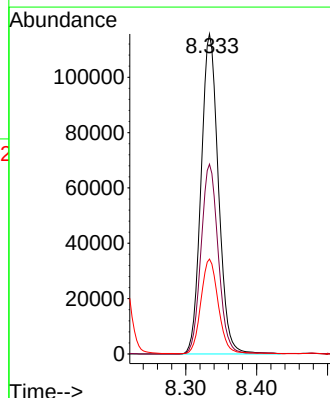
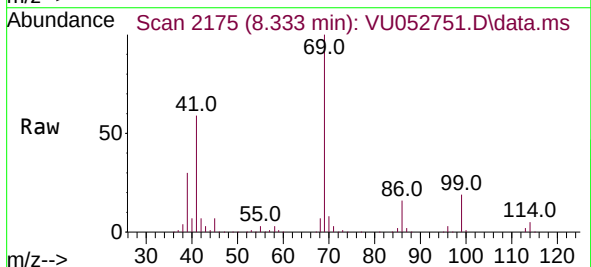
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

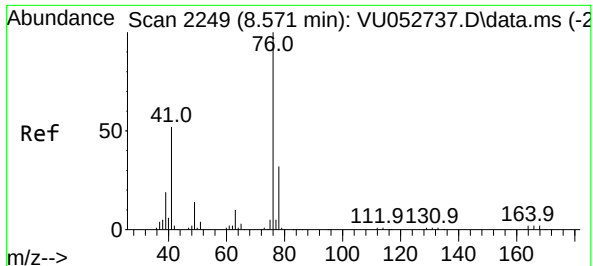
Tgt Ion:	97	Resp:	124709
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.2	103.8
85	55.0	43.8	65.8
99	61.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 47.394 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion:	69	Resp:	196109
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.6	71.4
39	29.6	24.3	36.5





#57

1,3-Dichloropropane

Concen: 49.363 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

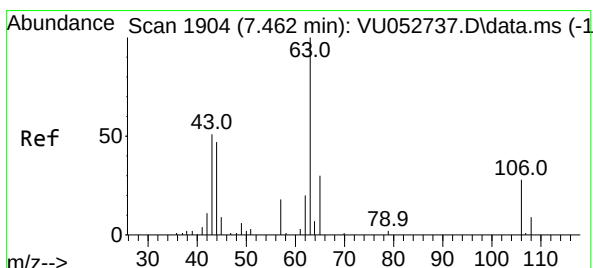
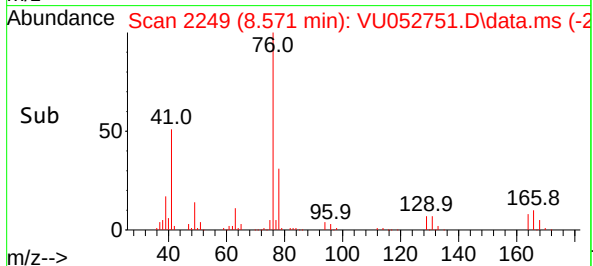
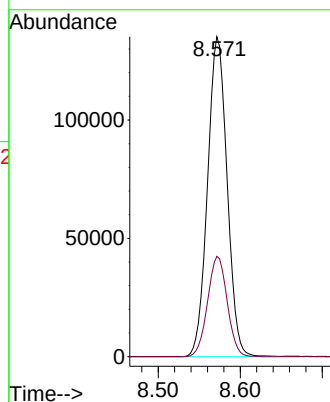
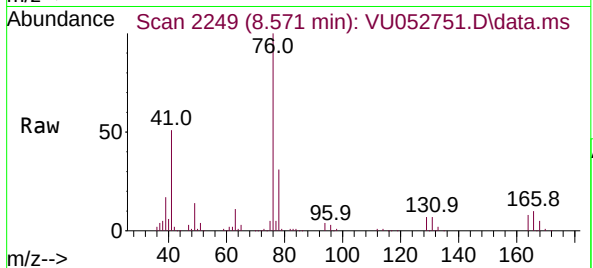
VSTDCCC050

Tgt Ion: 76 Resp: 223962

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.168 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU052751.D

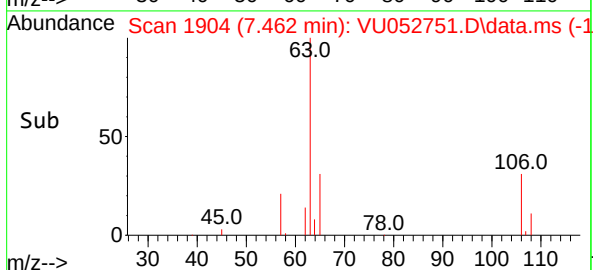
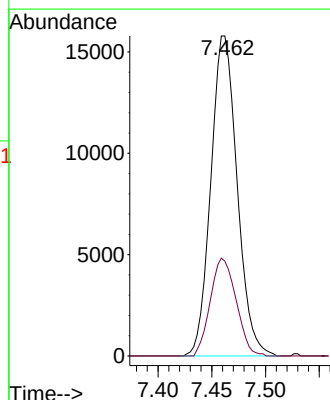
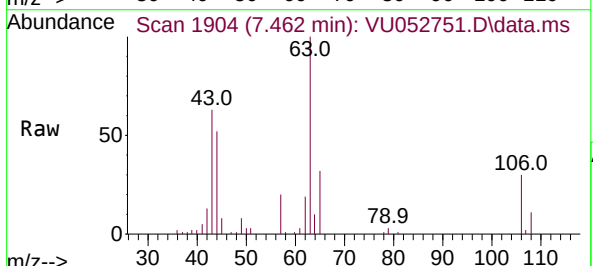
Acq: 20 Jan 2023 10:11

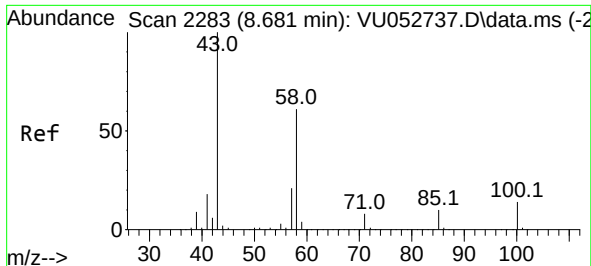
Tgt Ion: 63 Resp: 26899

Ion Ratio Lower Upper

63 100

106 29.9 23.2 34.8

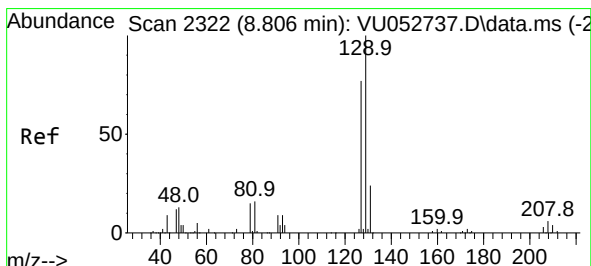
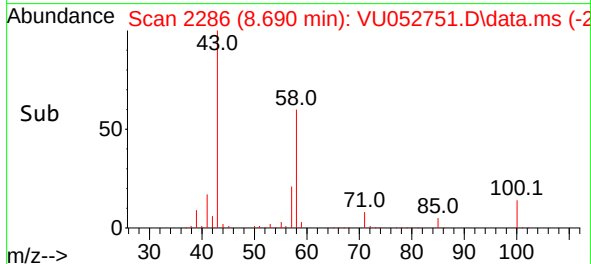
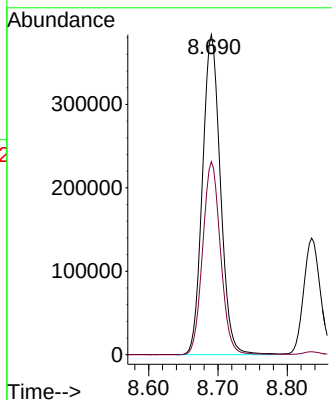
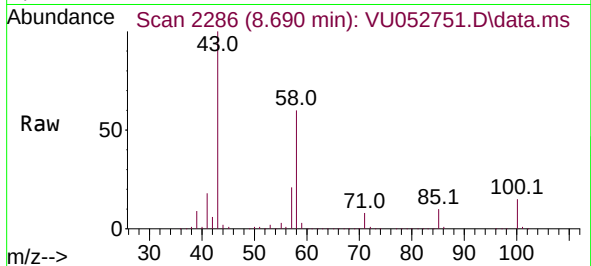




#59
2-Hexanone
Concen: 262.161 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

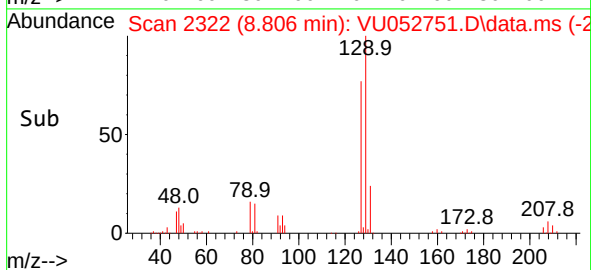
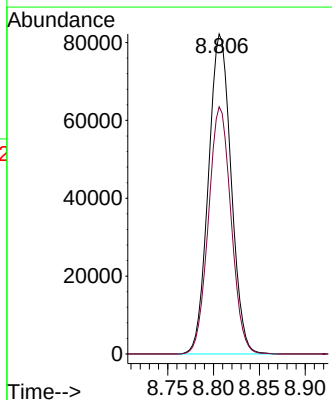
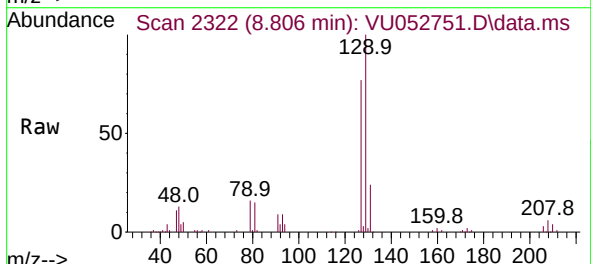
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

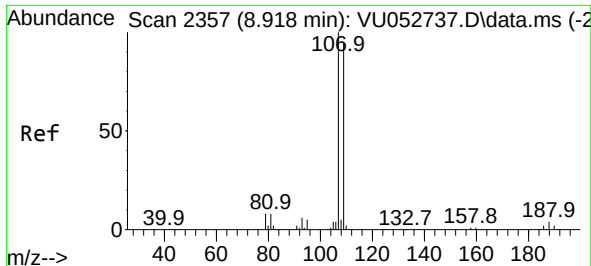
Tgt Ion: 43 Resp: 687446
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.5



#60
Dibromochloromethane
Concen: 49.786 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 129 Resp: 141458
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

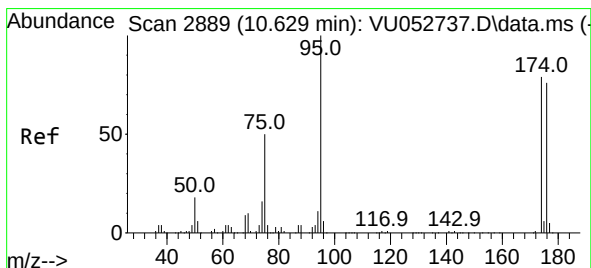
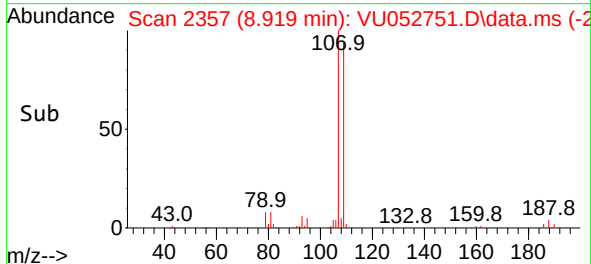
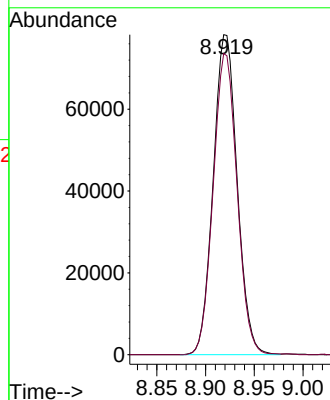
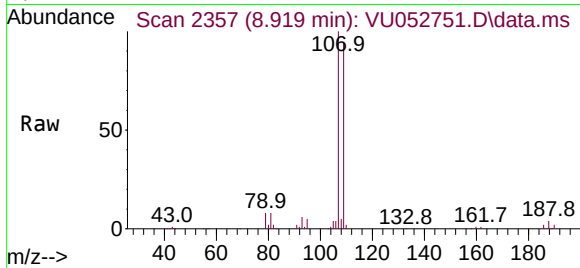




#61
1,2-Dibromoethane
Concen: 49.221 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

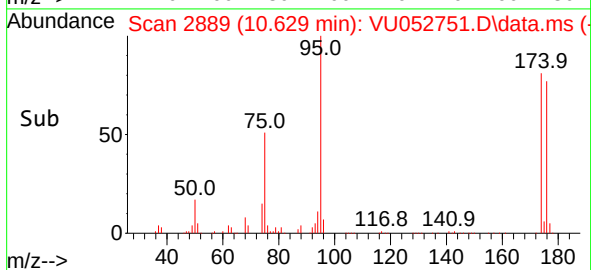
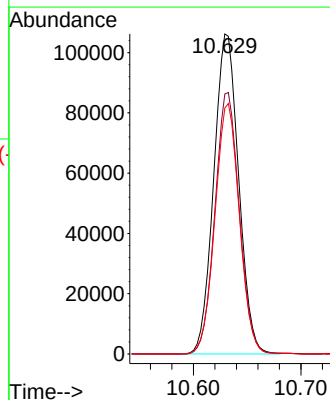
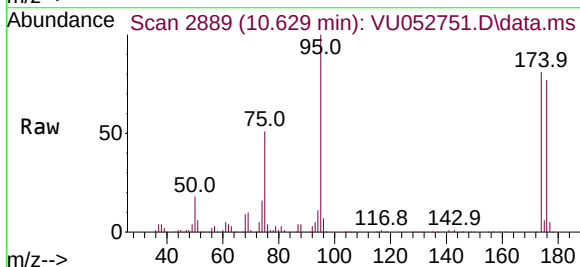
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

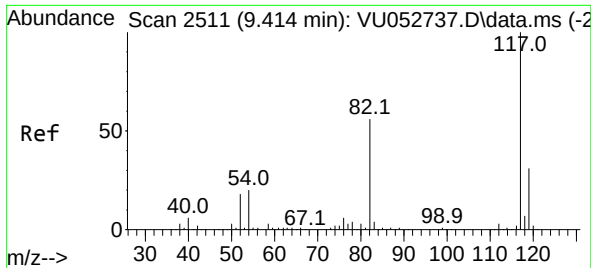
Tgt Ion:107 Resp: 133699
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 95 Resp: 170713
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.6
176 76.8 0.0 150.6

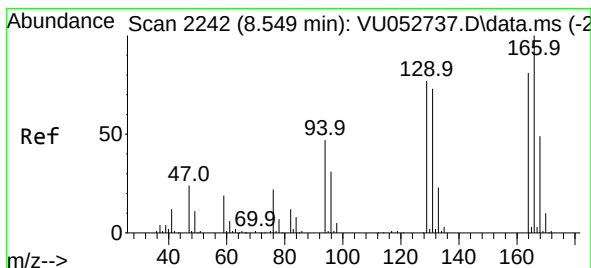
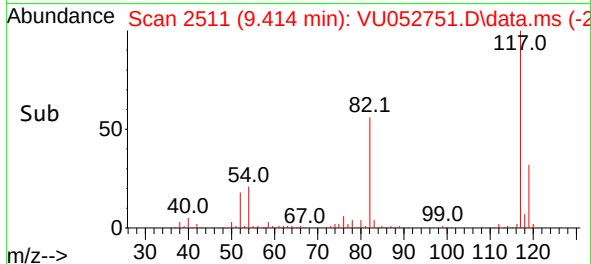
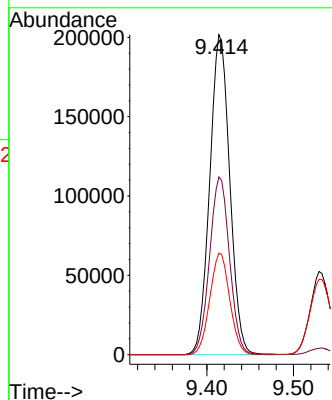
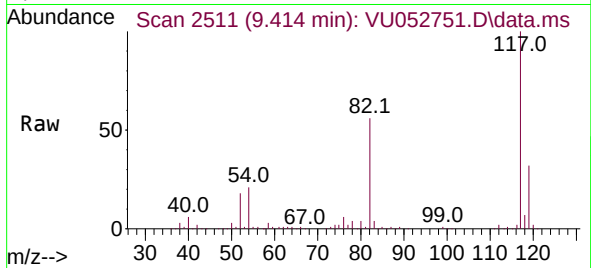




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

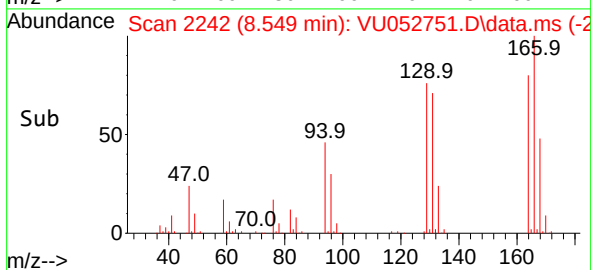
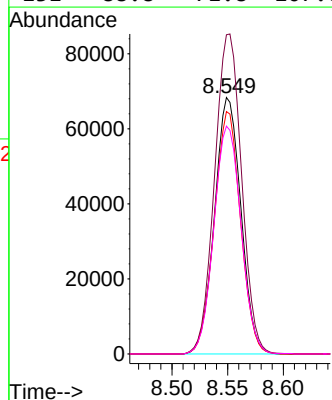
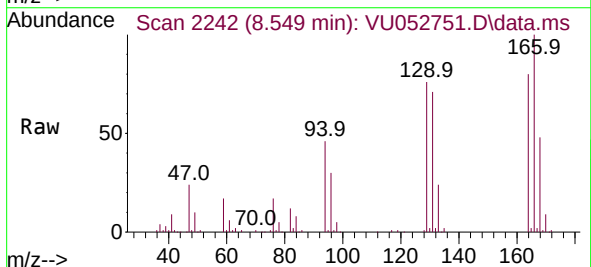
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

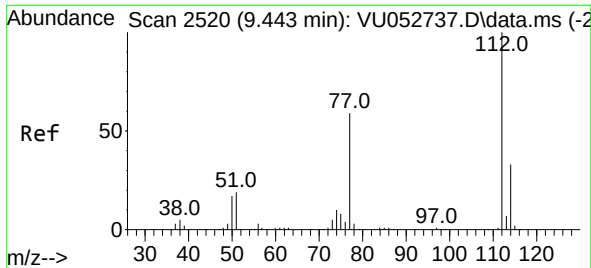
Tgt Ion:117 Resp: 324264
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.8 25.0 37.6



#64
Tetrachloroethene
Concen: 50.094 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion:164 Resp: 112849
Ion Ratio Lower Upper
164 100
166 124.4 98.9 148.3
129 94.5 76.0 114.0
131 88.8 71.8 107.6

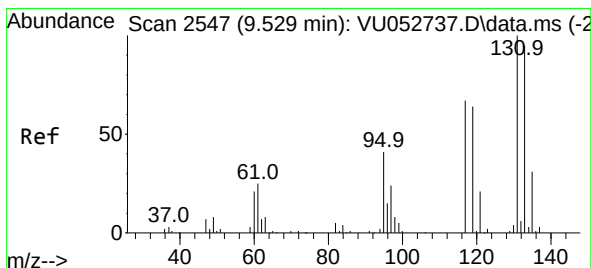
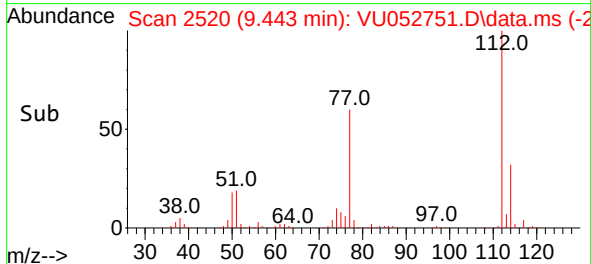
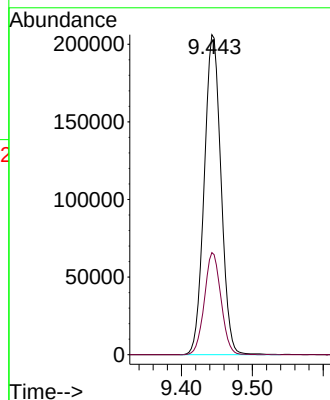
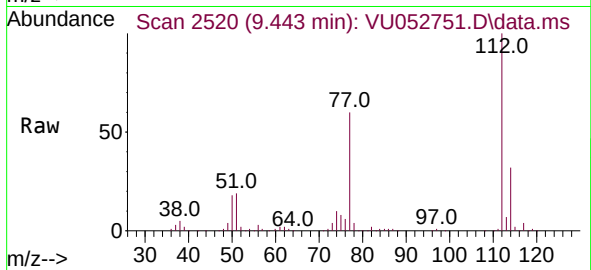




#65
Chlorobenzene
Concen: 49.333 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

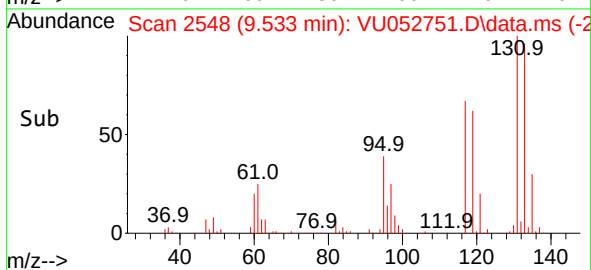
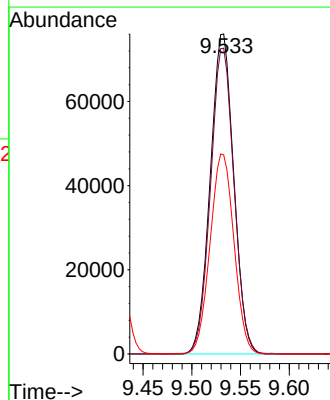
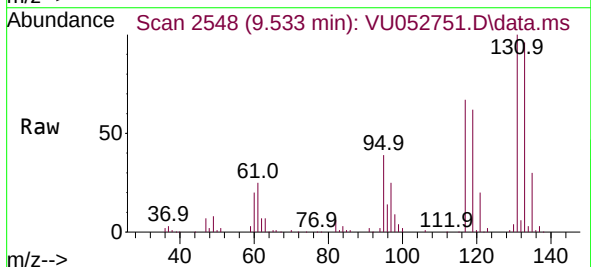
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

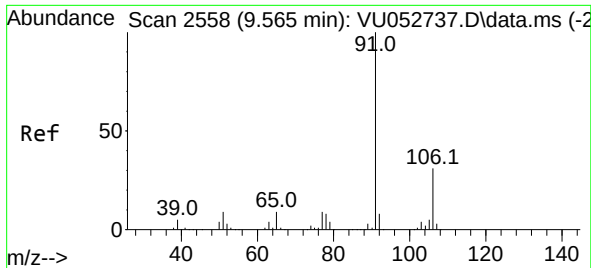
Tgt Ion:112 Resp: 338505
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.561 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion:131 Resp: 127481
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.0
119 63.6 32.1 96.3

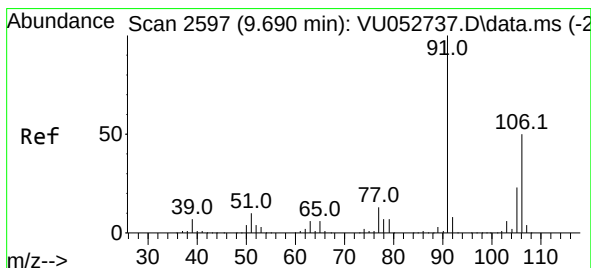
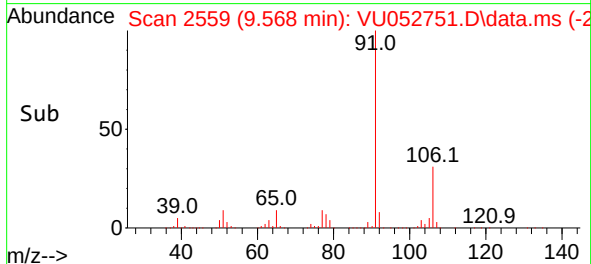
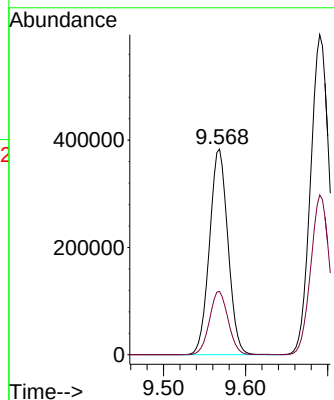
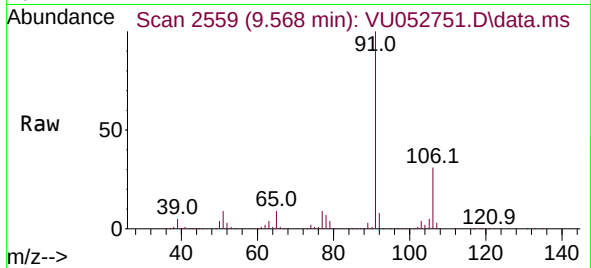




#67
Ethyl Benzene
Concen: 51.827 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

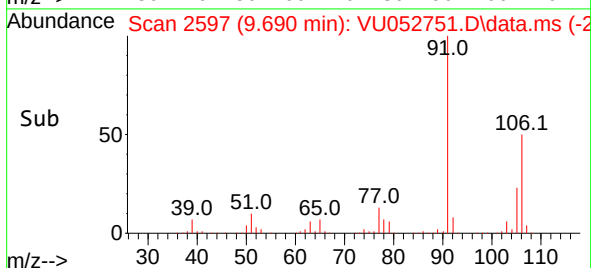
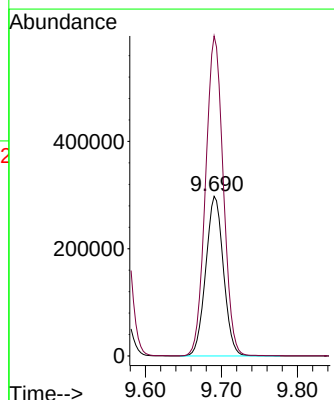
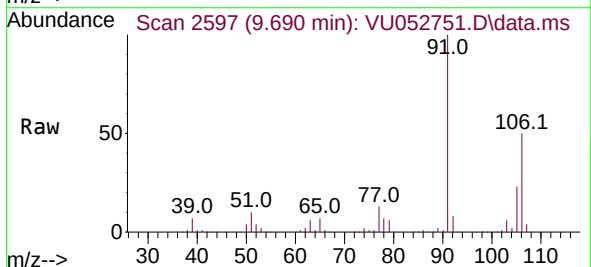
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

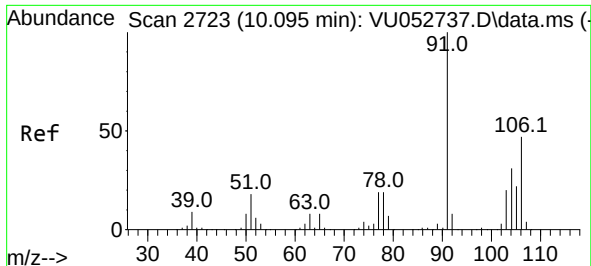
Tgt Ion: 91 Resp: 600966
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 106.951 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 106 Resp: 481646
Ion Ratio Lower Upper
106 100
91 200.2 160.8 241.2

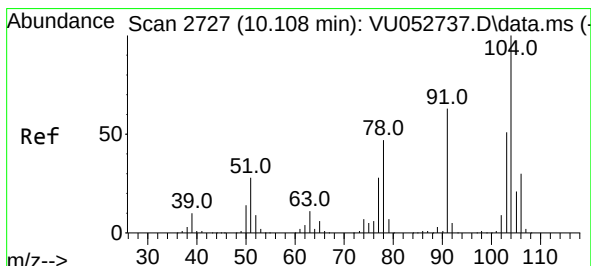
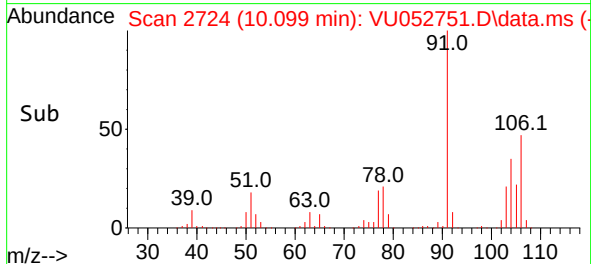
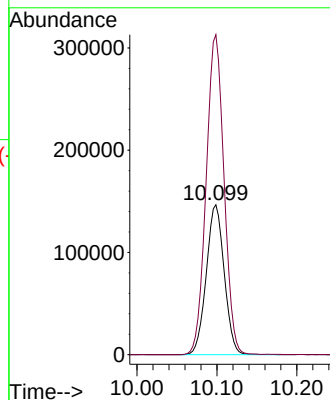
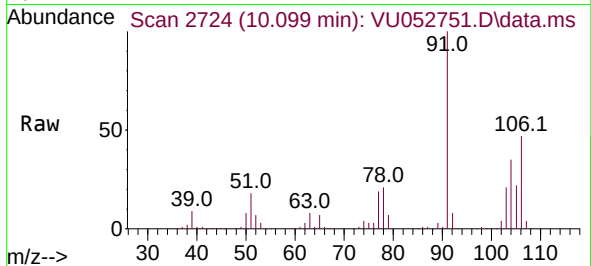




#69
o-Xylene
Concen: 53.225 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

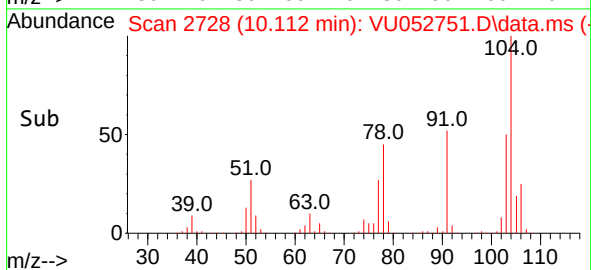
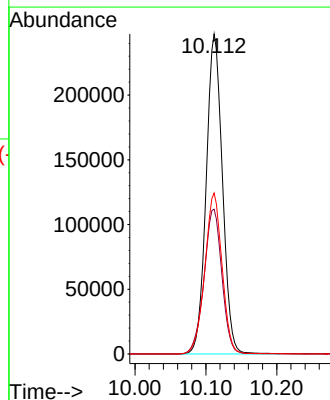
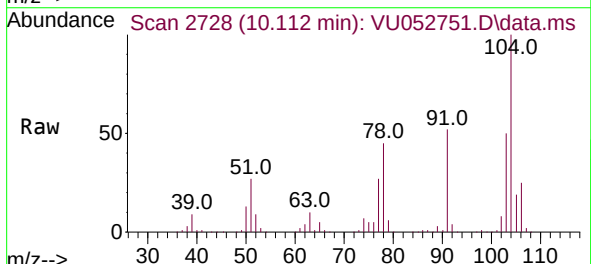
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

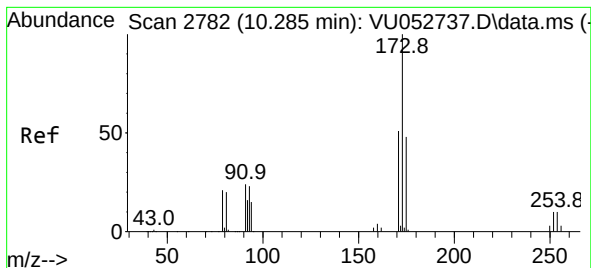
Tgt Ion:106 Resp: 228825
Ion Ratio Lower Upper
106 100
91 212.7 107.9 323.7



#70
Styrene
Concen: 50.098 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.004 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion:104 Resp: 393159
Ion Ratio Lower Upper
104 100
78 49.8 39.9 59.9
103 53.4 43.4 65.2





#71

Bromoform

Concen: 50.355 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

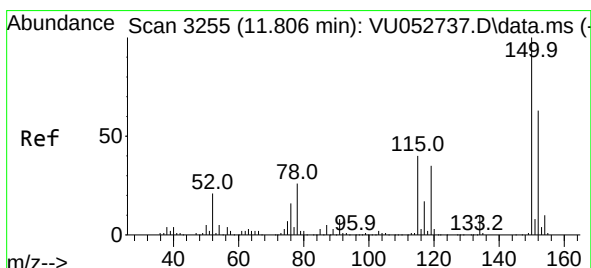
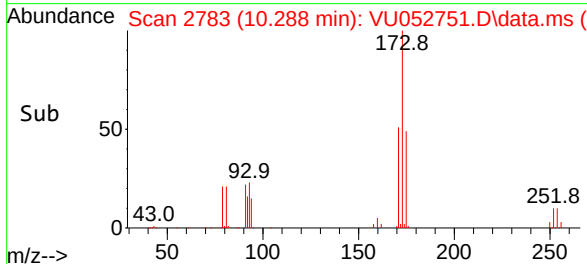
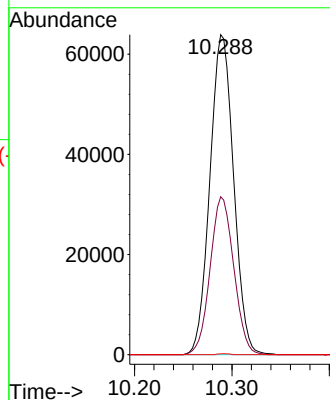
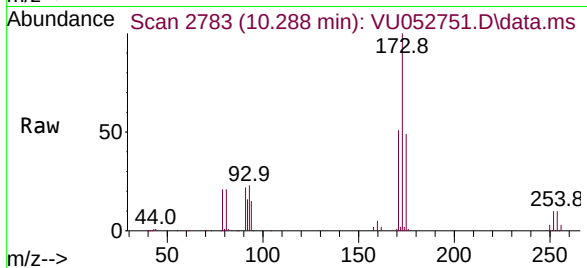
Tgt Ion:173 Resp: 108173

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

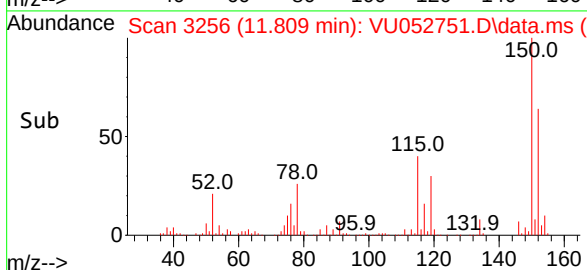
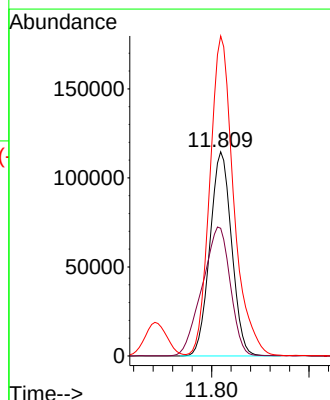
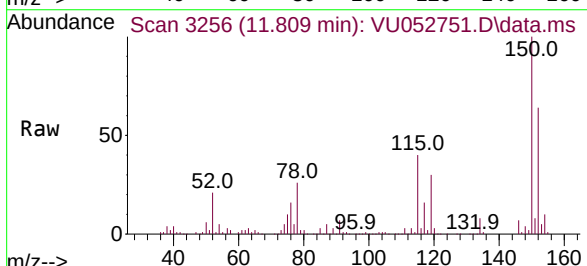
Tgt Ion:152 Resp: 177548

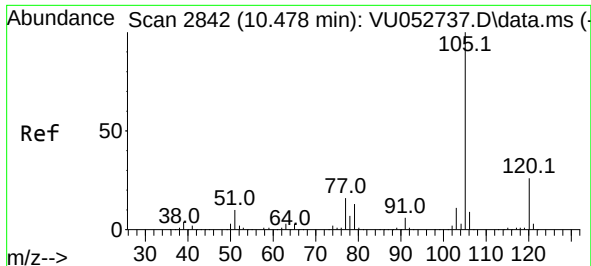
Ion Ratio Lower Upper

152 100

115 81.6 41.7 125.1

150 171.8 0.0 349.2

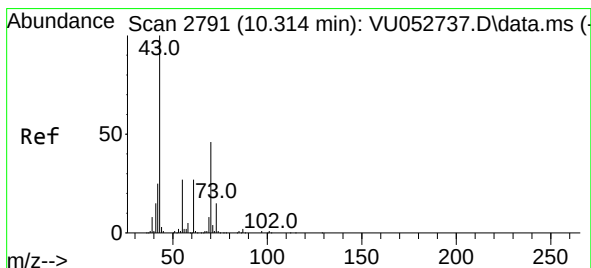
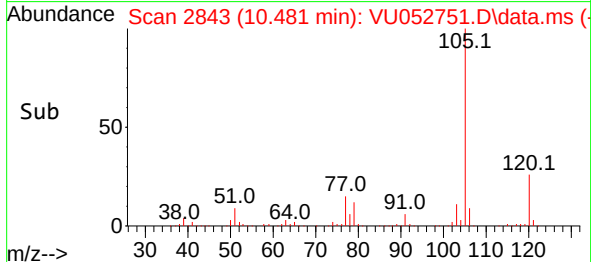
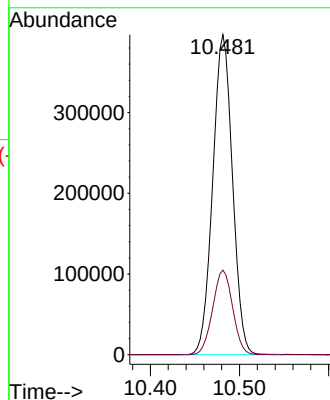
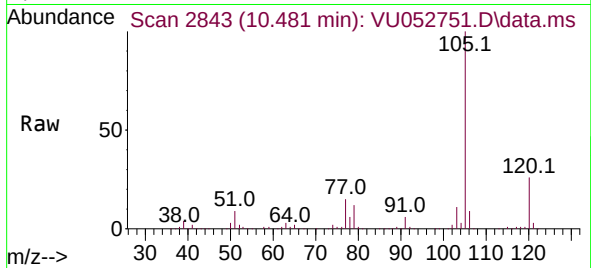




#73
Isopropylbenzene
Concen: 52.162 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

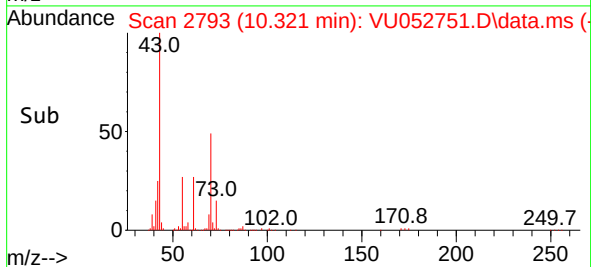
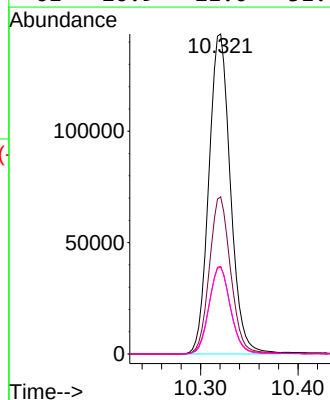
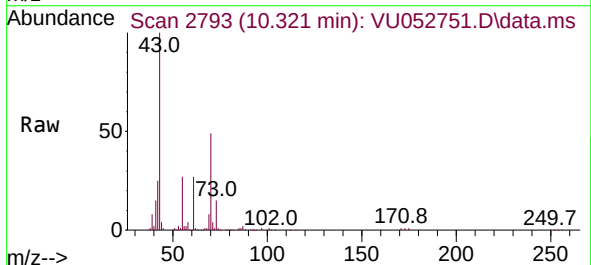
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

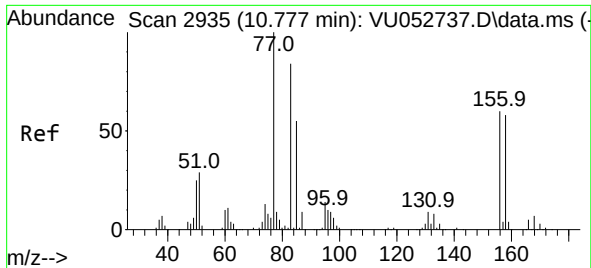
Tgt Ion:105 Resp: 610124
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 49.705 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.007 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 43 Resp: 221488
Ion Ratio Lower Upper
43 100
70 48.5 37.9 56.9
55 27.7 21.9 32.9
61 26.9 21.0 31.6

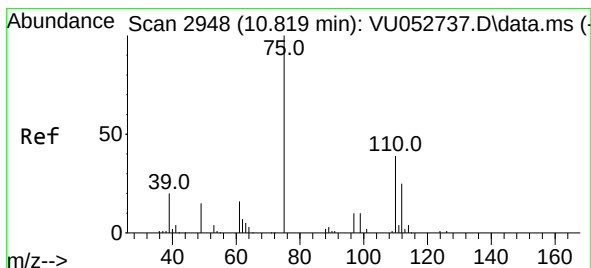
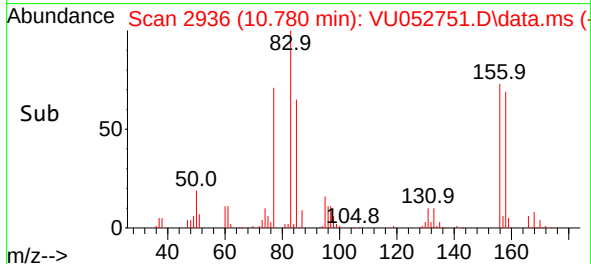
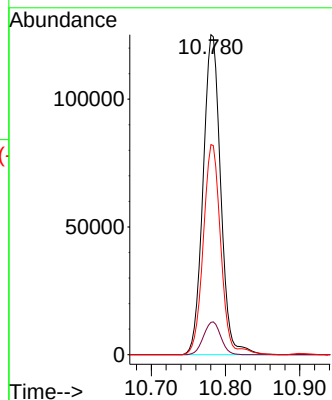
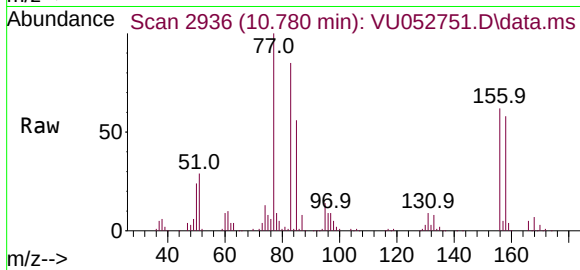




#75
1,1,2,2-Tetrachloroethane
Concen: 44.377 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

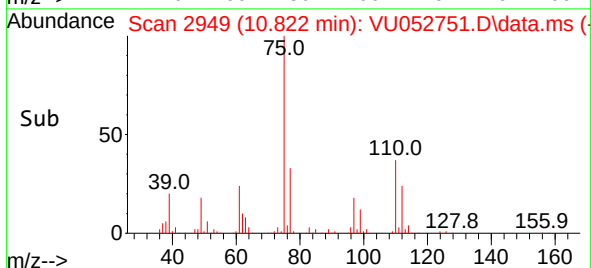
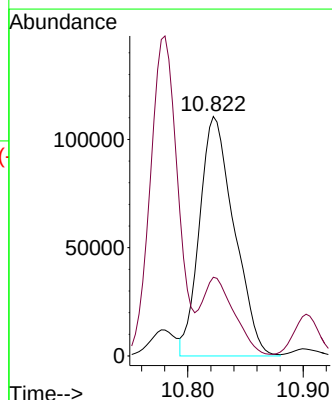
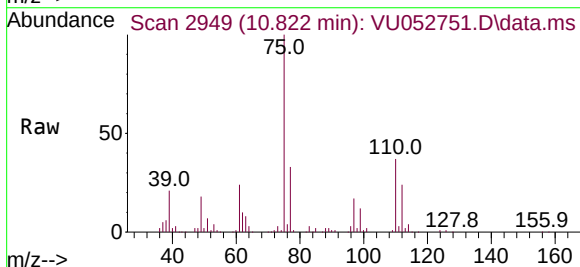
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

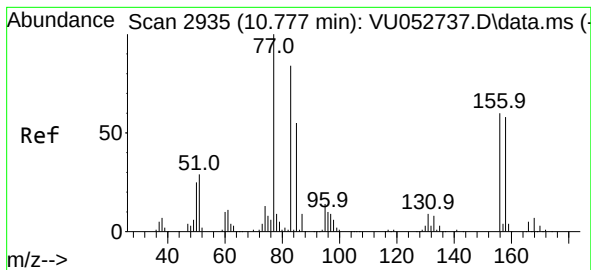
Tgt Ion: 83 Resp: 205647
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 47.554 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 75 Resp: 230408
Ion Ratio Lower Upper
75 100
77 28.8 15.0 45.1





#77

Bromobenzene

Concen: 48.826 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

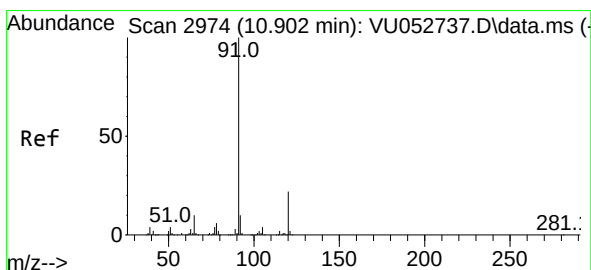
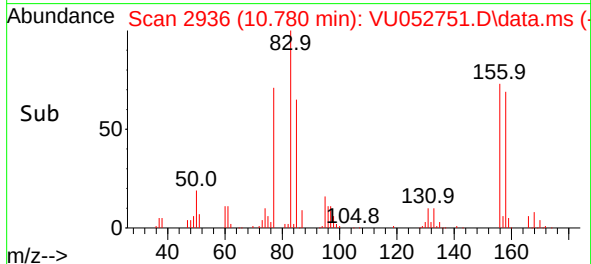
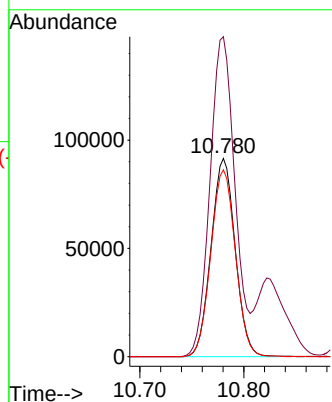
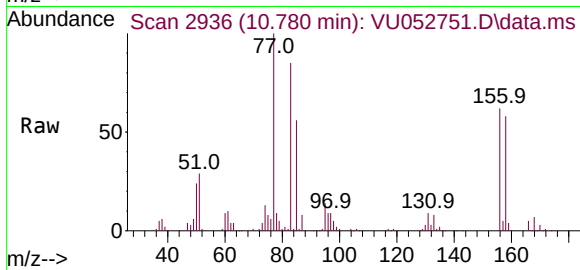
Tgt Ion:156 Resp: 147703

Ion Ratio Lower Upper

156 100

77 166.0 83.8 251.4

158 96.1 48.7 146.1



#78

n-propylbenzene

Concen: 52.722 ug/l

RT: 10.903 min Scan# 2974

Delta R.T. 0.000 min

Lab File: VU052751.D

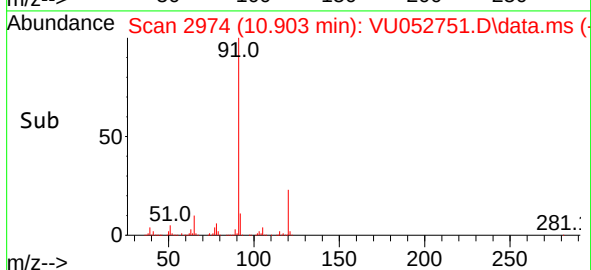
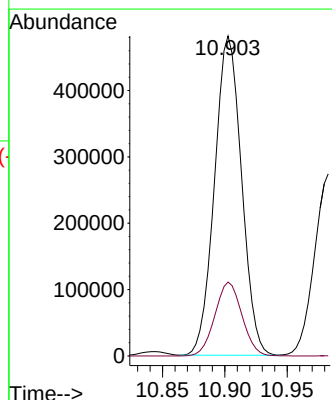
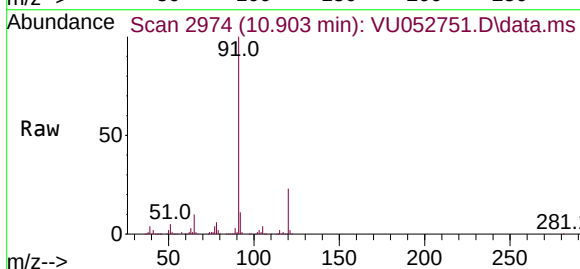
Acq: 20 Jan 2023 10:11

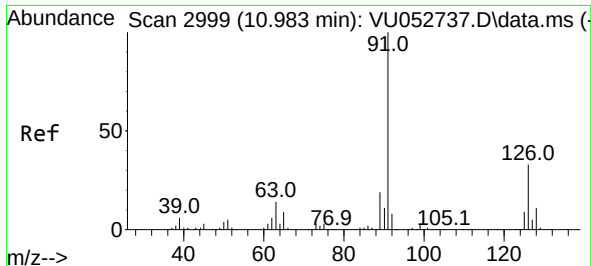
Tgt Ion: 91 Resp: 725264

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.8

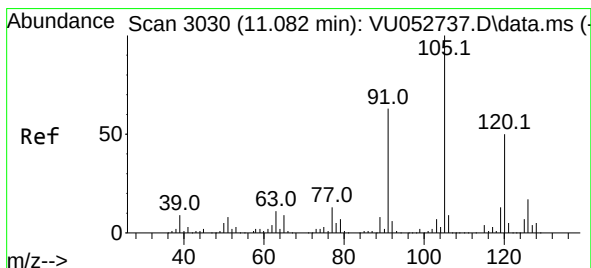
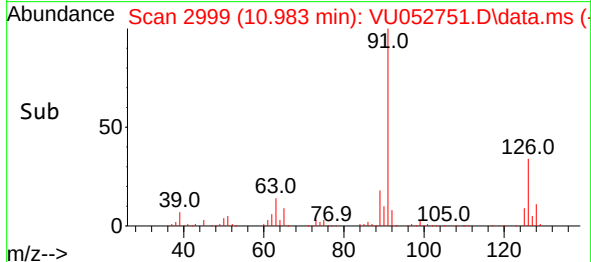
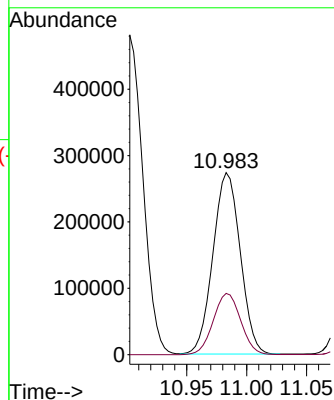
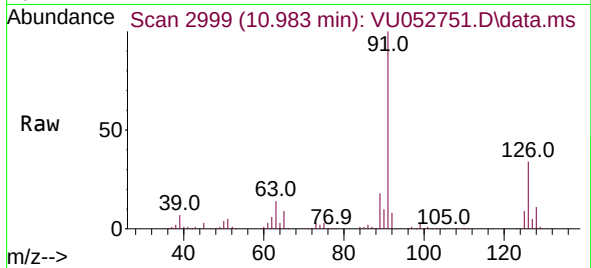




#79
2-Chlorotoluene
Concen: 50.915 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

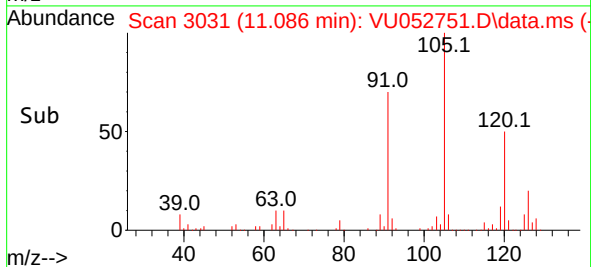
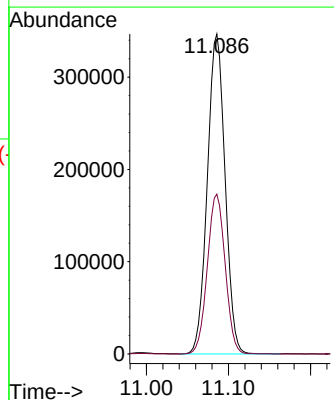
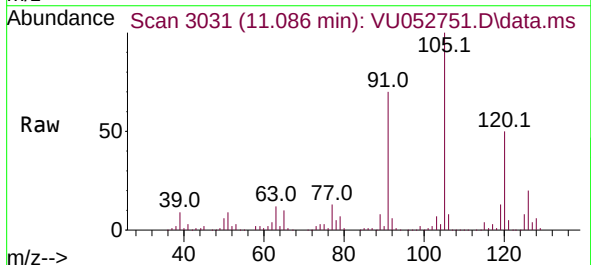
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

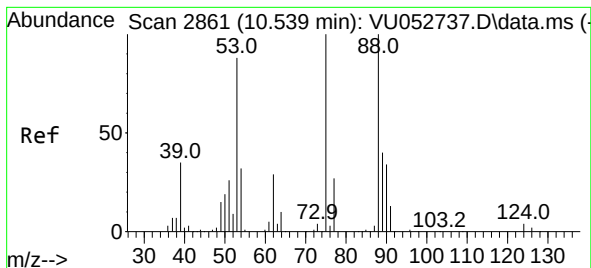
Tgt Ion: 91 Resp: 432806
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 53.617 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 105 Resp: 520989
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

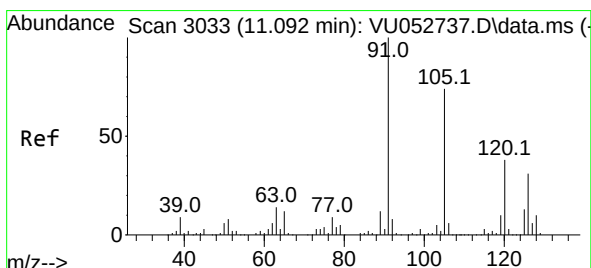
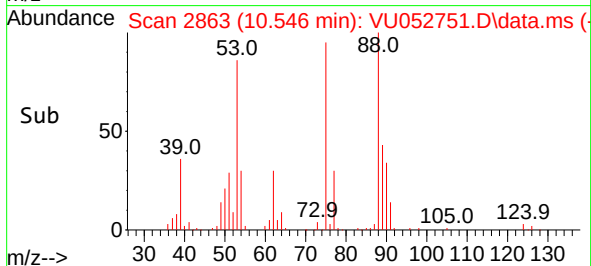
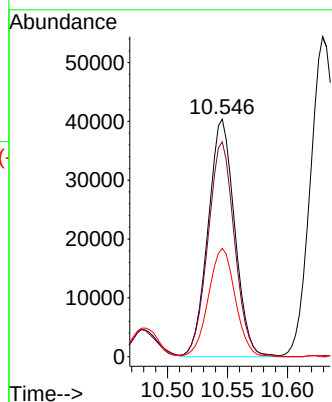
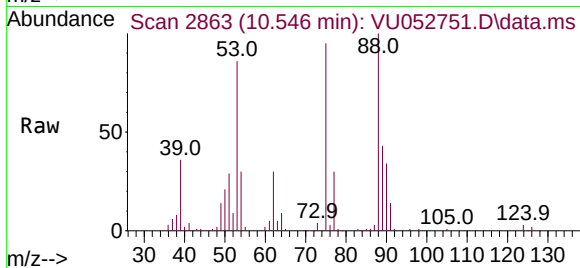




#81
trans-1,4-Dichloro-2-butene
Concen: 49.924 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.007 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

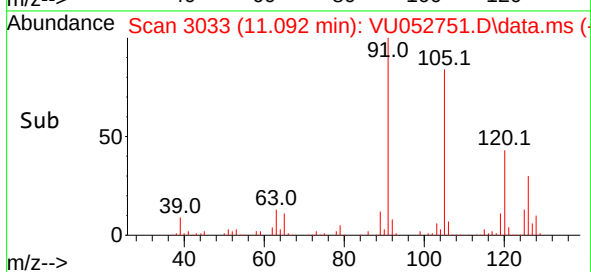
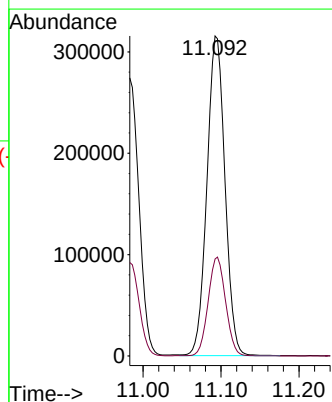
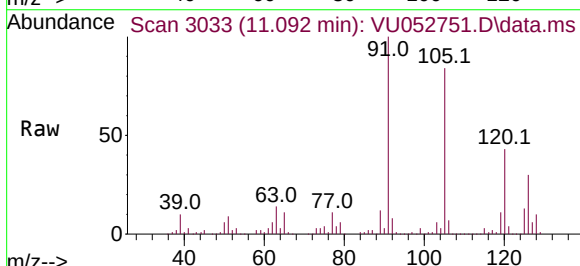
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

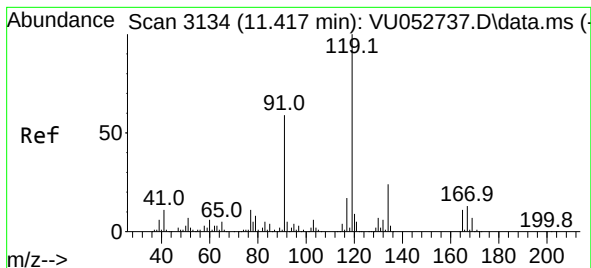
Tgt Ion: 75 Resp: 62249
Ion Ratio Lower Upper
75 100
53 90.4 72.4 108.6
89 46.1 35.0 52.4



#82
4-Chlorotoluene
Concen: 52.258 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 91 Resp: 506328
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7





#83

tert-Butylbenzene

Concen: 52.321 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

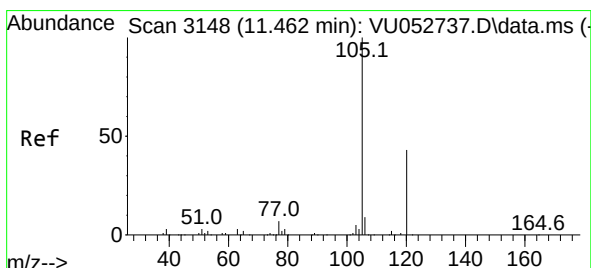
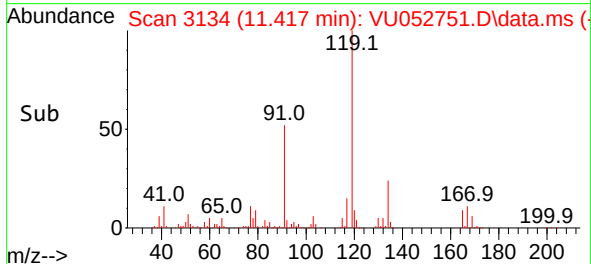
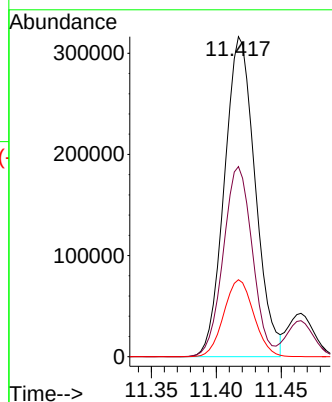
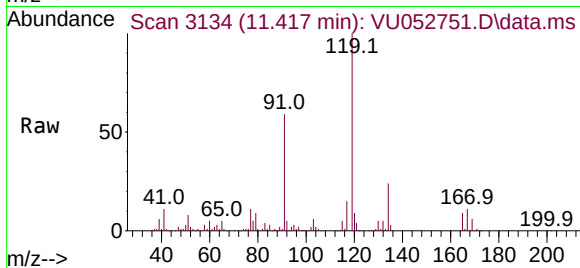
Tgt Ion:119 Resp: 521817

Ion Ratio Lower Upper

119 100

91 56.3 28.4 85.2

134 23.4 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 54.188 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU052751.D

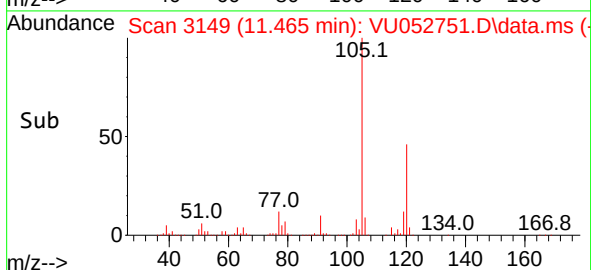
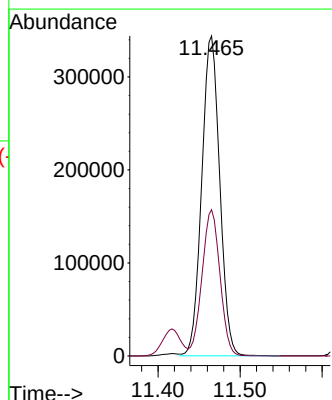
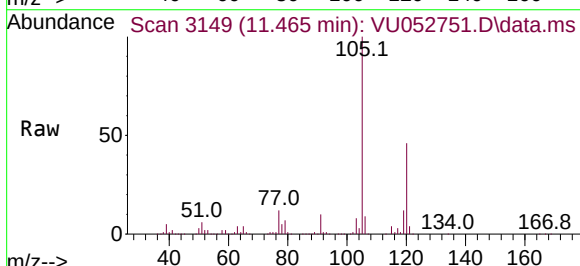
Acq: 20 Jan 2023 10:11

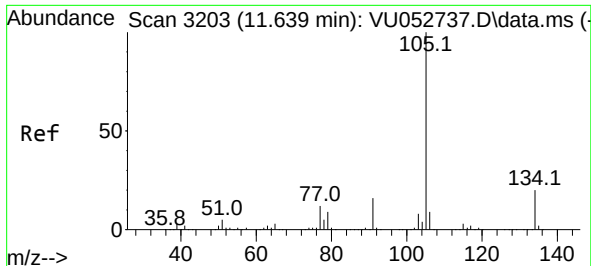
Tgt Ion:105 Resp: 522620

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5

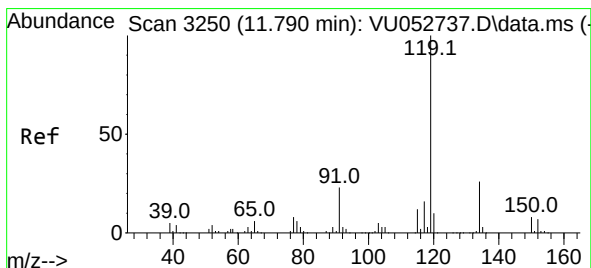
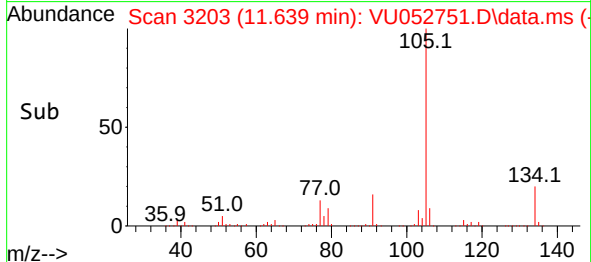
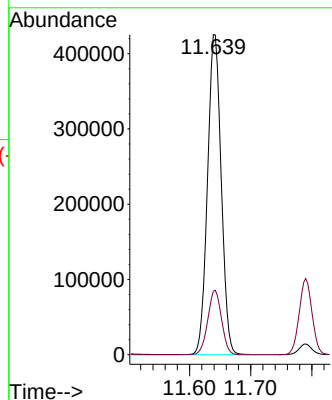
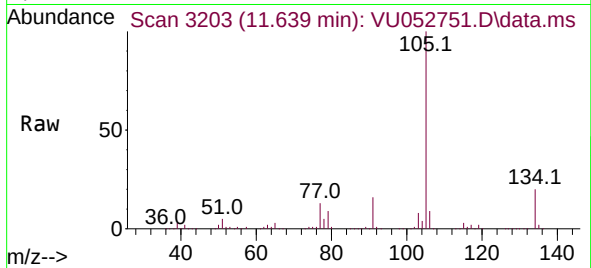




#85
 sec-Butylbenzene
 Concen: 54.188 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

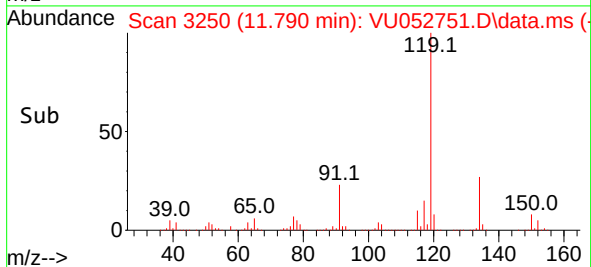
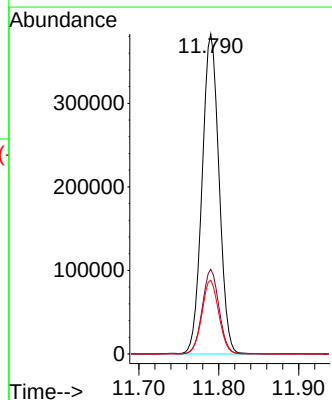
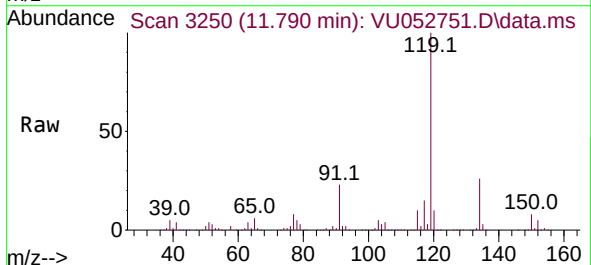
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

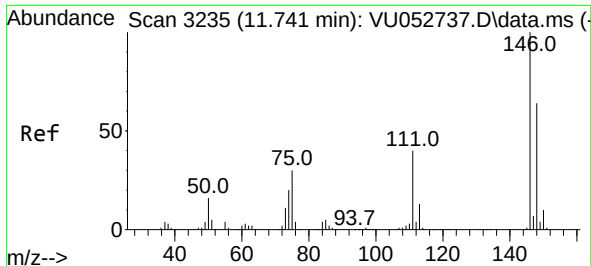
Tgt Ion:105 Resp: 661547
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 54.251 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052751.D
 Acq: 20 Jan 2023 10:11

Tgt Ion:119 Resp: 563189
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 49.903 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

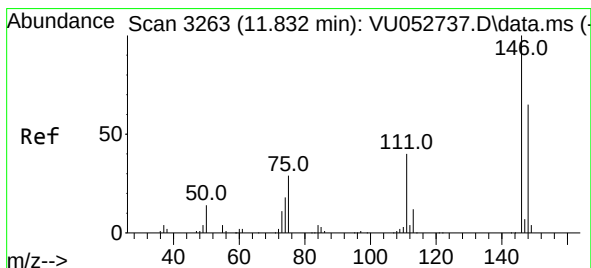
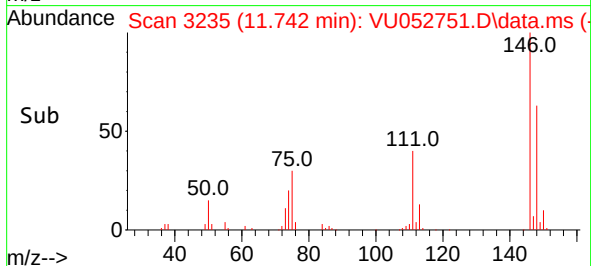
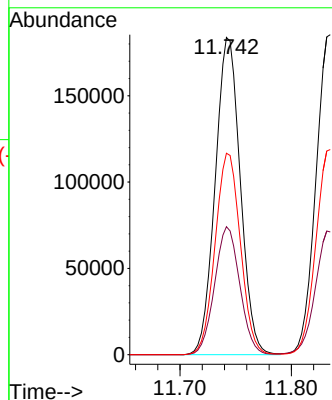
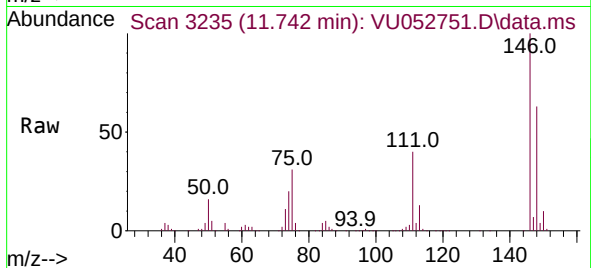
Tgt Ion:146 Resp: 287768

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 63.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.059 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

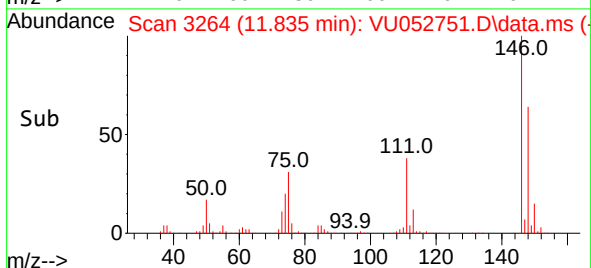
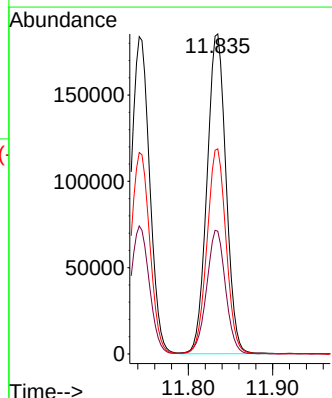
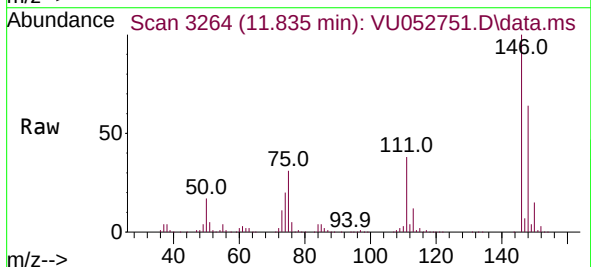
Tgt Ion:146 Resp: 290872

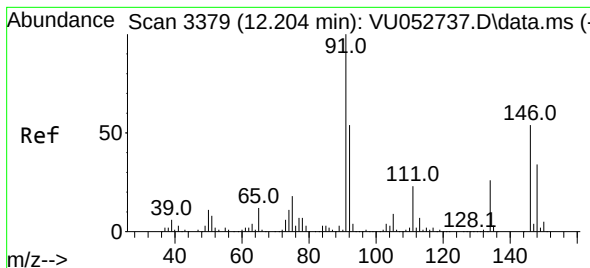
Ion Ratio Lower Upper

146 100

111 38.6 20.3 61.0

148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 47.541 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.001 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

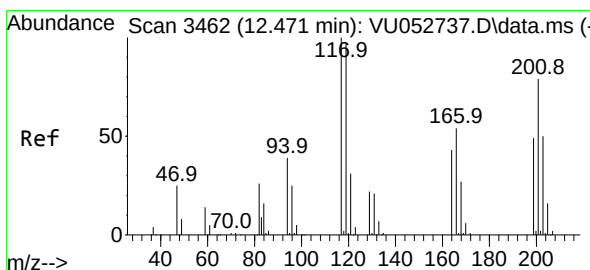
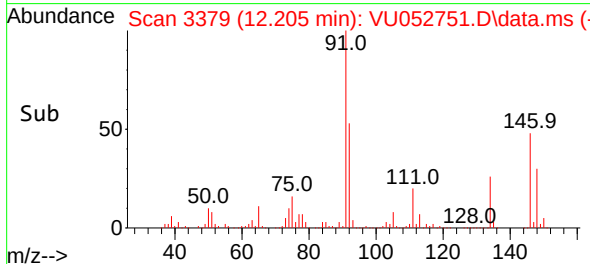
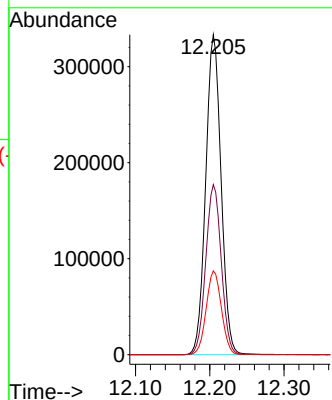
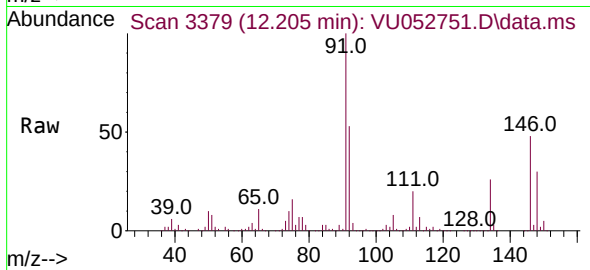
Tgt Ion: 91 Resp: 478651

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

134 25.9 13.1 39.3



#90

Hexachloroethane

Concen: 48.090 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052751.D

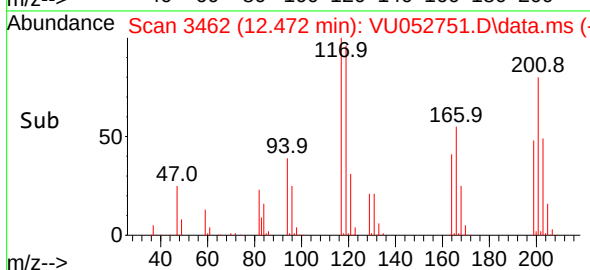
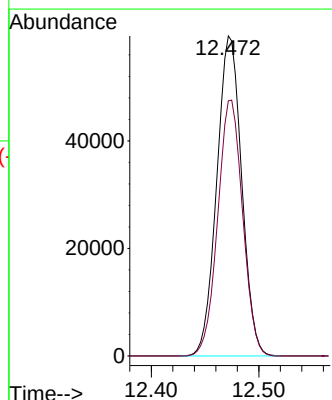
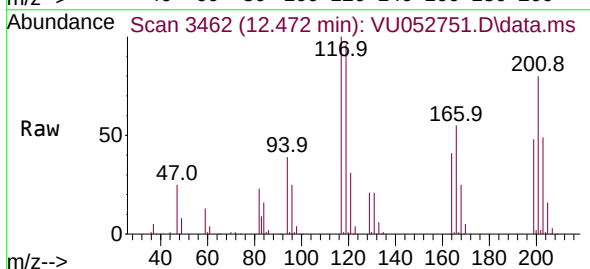
Acq: 20 Jan 2023 10:11

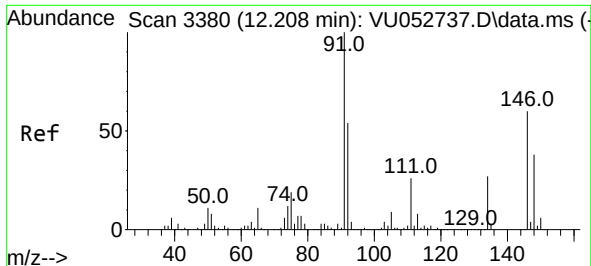
Tgt Ion: 117 Resp: 95777

Ion Ratio Lower Upper

117 100

201 80.0 39.3 117.9

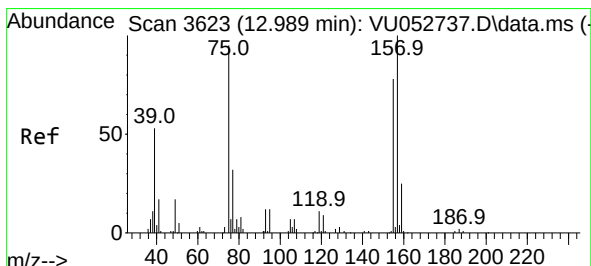
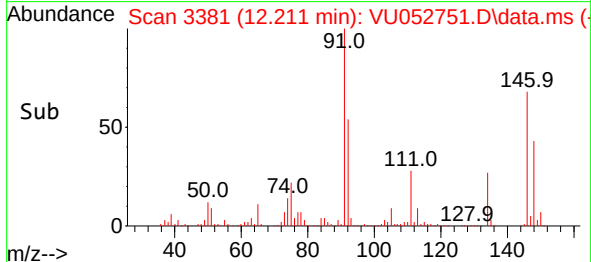
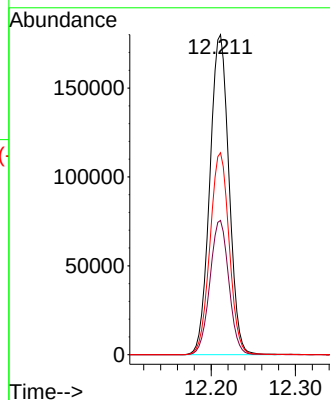
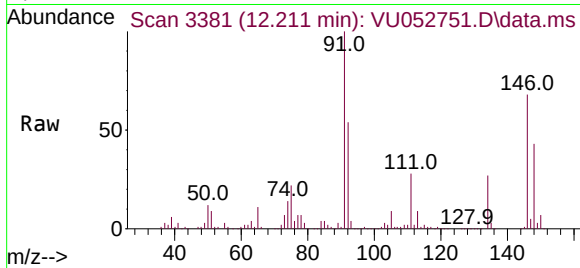




#91
1,2-Dichlorobenzene
Concen: 48.854 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

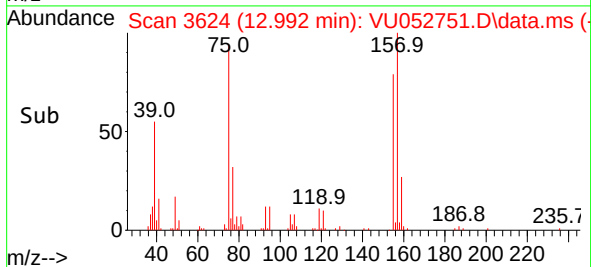
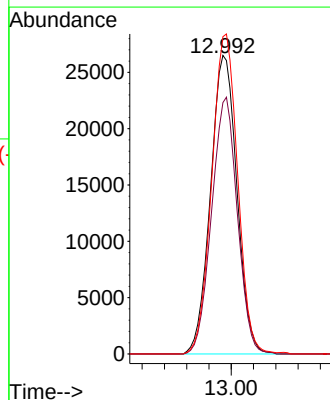
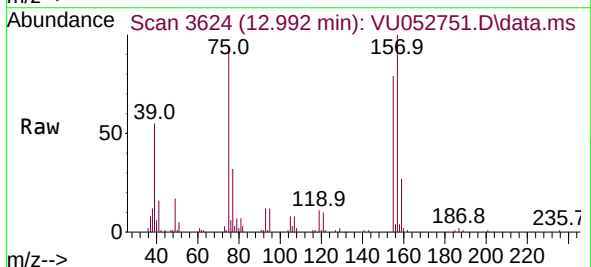
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

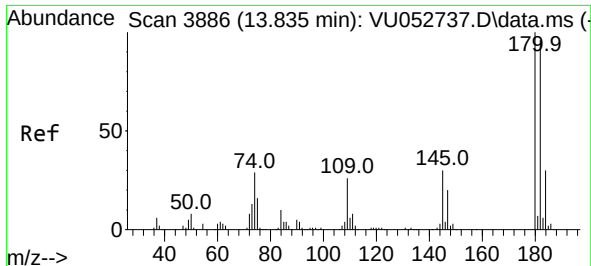
Tgt Ion:146 Resp: 284096
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.1
148 63.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.406 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052751.D
Acq: 20 Jan 2023 10:11

Tgt Ion: 75 Resp: 43660
Ion Ratio Lower Upper
75 100
155 83.6 41.4 124.4
157 105.1 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 52.279 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

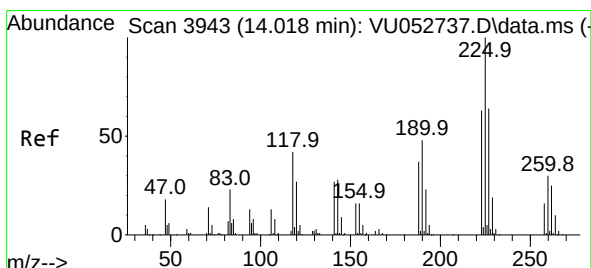
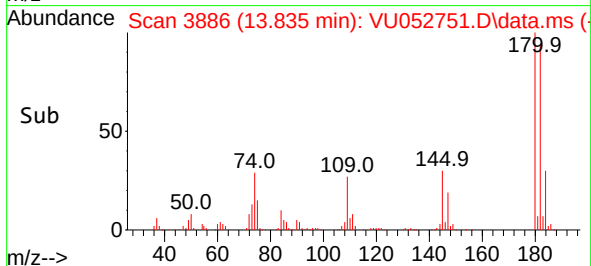
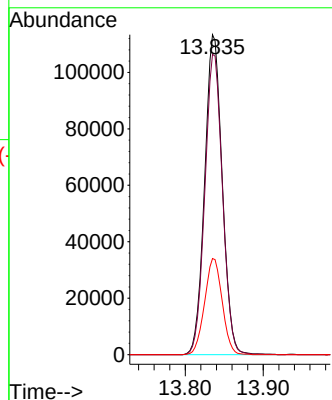
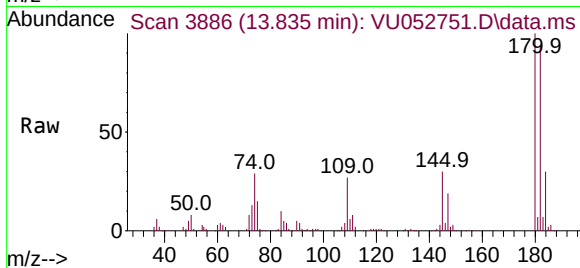
Tgt Ion:180 Resp: 177555

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 30.1 14.9 44.5



#94

Hexachlorobutadiene

Concen: 50.959 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

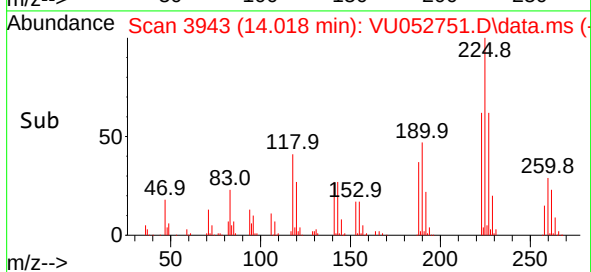
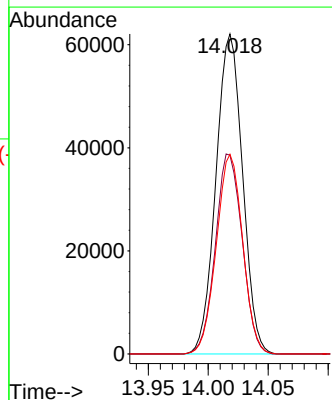
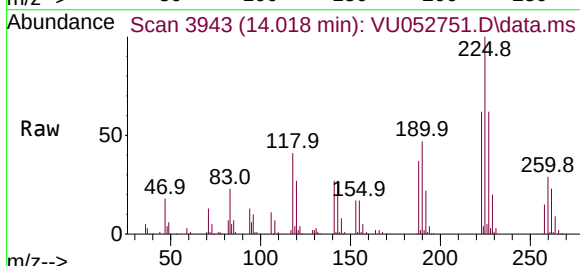
Tgt Ion:225 Resp: 95931

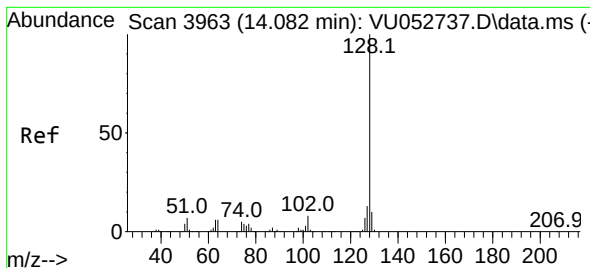
Ion Ratio Lower Upper

225 100

223 62.9 31.8 95.3

227 61.7 31.8 95.4





#95

Naphthalene

Concen: 45.201 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

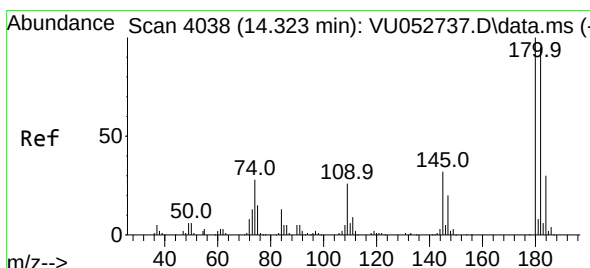
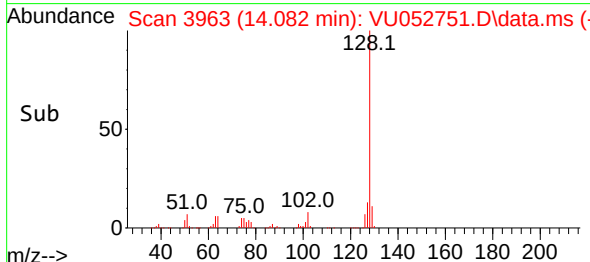
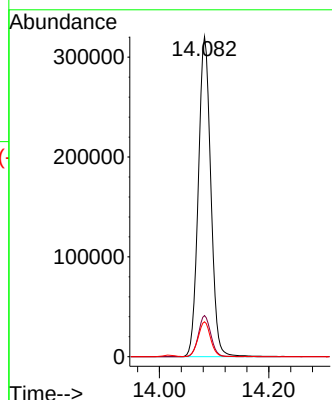
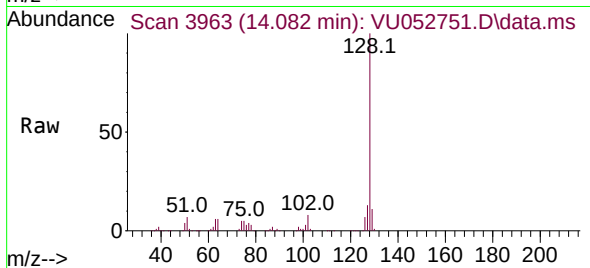
Tgt Ion:128 Resp: 506962

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.139 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052751.D

Acq: 20 Jan 2023 10:11

Tgt Ion:180 Resp: 172423

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 32.2 15.8 47.4

