

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052760.D
 Acq On : 20 Jan 2023 14:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 21 01:01:59 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	219208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	349065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	323639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	175205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	144614	45.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.285	113	113257	46.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	7.896	98	431725	47.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.720%
62) 4-Bromofluorobenzene	10.629	95	161528	48.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	118360	45.790	ug/l	100
3) Chloromethane	1.520	50	111602	42.033	ug/l	98
4) Vinyl Chloride	1.604	62	121014	45.698	ug/l	99
5) Bromomethane	1.858	94	65271	49.928	ug/l	100
6) Chloroethane	1.935	64	76158	45.495	ug/l	99
7) Trichlorofluoromethane	2.134	101	190822	46.805	ug/l	99
8) Diethyl Ether	2.375	74	68398	46.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	112875	47.877	ug/l	99
10) Methyl Iodide	2.719	142	112619	53.101	ug/l	99
11) Tert butyl alcohol	3.282	59	49539	92.094	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	106340	45.607	ug/l	99
13) Acrolein	2.488	56	108157	218.211	ug/l	100
14) Allyl chloride	2.922	41	176444	48.042	ug/l	98
15) Acrylonitrile	3.314	53	339813	228.949	ug/l	99
16) Acetone	2.646	43	351932	233.901	ug/l	100
17) Carbon Disulfide	2.790	76	303631	43.461	ug/l	100
18) Methyl Acetate	2.948	43	192169	46.147	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	386979	48.987	ug/l	98
20) Methylene Chloride	3.041	84	129808	48.376	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	120160	47.806	ug/l	92
22) Diisopropyl ether	3.986	45	368774	48.284	ug/l	97
23) Vinyl Acetate	3.951	43	1422637	242.756	ug/l	99
24) 1,1-Dichloroethane	3.864	63	223190	46.075	ug/l	99
25) 2-Butanone	4.707	43	457931	235.987	ug/l	100
26) 2,2-Dichloropropane	4.662	77	189710	47.739	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	135151	48.982	ug/l	98
28) Bromochloromethane	4.970	49	91155	45.082	ug/l	99
29) Tetrahydrofuran	5.054	42	271418	240.948	ug/l	100
30) Chloroform	5.083	83	228110	44.053	ug/l	100
31) Cyclohexane	5.382	56	199114	45.011	ug/l	99
32) 1,1,1-Trichloroethane	5.311	97	200903	47.369	ug/l	99
36) 1,1-Dichloropropene	5.523	75	169441	48.587	ug/l	99
37) Ethyl Acetate	4.800	43	168329	44.403	ug/l	99
38) Carbon Tetrachloride	5.520	117	172701	48.134	ug/l	97
39) Methylcyclohexane	6.761	83	206994	51.007	ug/l	99
40) Benzene	5.771	78	498795	47.368	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	90954	49.594	ug/l	99
42) 1,2-Dichloroethane	5.790	62	182596	48.022	ug/l	100
43) Isopropyl Acetate	5.906	43	259229	49.057	ug/l	100
44) Trichloroethene	6.539	130	129515	49.725	ug/l	100
45) 1,2-Dichloropropane	6.787	63	128643	47.364	ug/l	99
46) Dibromomethane	6.915	93	89522	47.594	ug/l	98
47) Bromodichloromethane	7.102	83	180273	47.896	ug/l	99
48) Methyl methacrylate	6.957	41	124026	51.507	ug/l	99
49) 1,4-Dioxane	7.044	88	52094	1116.514	ug/l	92
51) 4-Methyl-2-Pentanone	7.790	43	839925	245.595	ug/l	100
52) Toluene	7.967	92	316782	49.742	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	196453	49.967	ug/l	100
54) cis-1,3-Dichloropropene	7.604	75	209126	49.872	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	125261	48.186	ug/l	98
56) Ethyl methacrylate	8.330	69	193607	46.609	ug/l	99
57) 1,3-Dichloropropane	8.571	76	220649	48.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	22720	204.425	ug/l	98
59) 2-Hexanone	8.684	43	664238	252.121	ug/l	99
60) Dibromochloromethane	8.806	129	139847	48.988	ug/l	99
61) 1,2-Dibromoethane	8.919	107	134349	49.228	ug/l	99
64) Tetrachloroethene	8.549	164	110836	49.295	ug/l	97
65) Chlorobenzene	9.443	112	334362	48.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	126247	49.176	ug/l	98
67) Ethyl Benzene	9.568	91	596404	51.533	ug/l	100
68) m/p-Xylenes	9.690	106	476629	106.041	ug/l	100
69) o-Xylene	10.095	106	227998	53.135	ug/l	99
70) Styrene	10.111	104	388447	49.606	ug/l	100
71) Bromoform	10.288	173	106500	49.672	ug/l #	100
73) Isopropylbenzene	10.481	105	601701	52.130	ug/l	99
74) N-amyl acetate	10.317	43	223285	50.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.780	83	207603	45.398	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	225952	47.258	ug/l	99
77) Bromobenzene	10.777	156	146779	49.170	ug/l	96
78) n-propylbenzene	10.902	91	722311	53.210	ug/l	99
79) 2-Chlorotoluene	10.983	91	426074	50.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.083	105	516568	53.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	59592	48.432	ug/l	98
82) 4-Chlorotoluene	11.092	91	491721	51.429	ug/l	99
83) tert-Butylbenzene	11.417	119	512870	52.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.462	105	510175	53.605	ug/l	99
85) sec-Butylbenzene	11.639	105	654740	54.348	ug/l	100
86) p-Isopropyltoluene	11.790	119	552998	53.982	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	281714	49.507	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	286789	49.017	ug/l	98
89) n-Butylbenzene	12.205	91	472669	47.573	ug/l	100
90) Hexachloroethane	12.472	117	91249	46.429	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	280938	48.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	44723	47.133	ug/l	98
93) 1,2,4-Trichlorobenzene	13.835	180	178626	53.298	ug/l	100
94) Hexachlorobutadiene	14.018	225	93241	50.192	ug/l	99
95) Naphthalene	14.082	128	513876	46.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	176465	53.038	ug/l	99

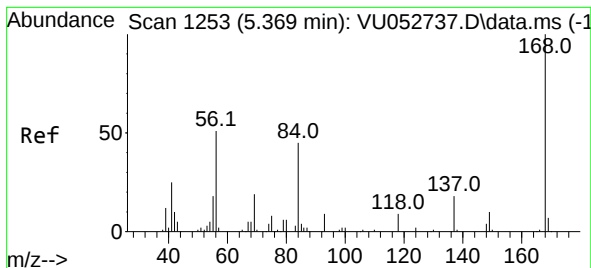
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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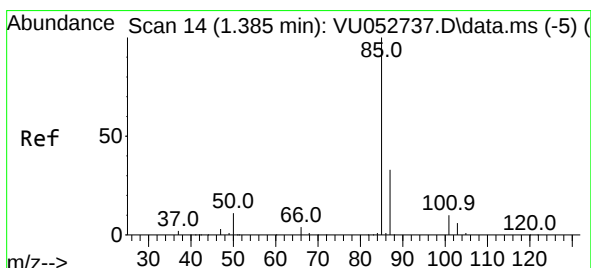
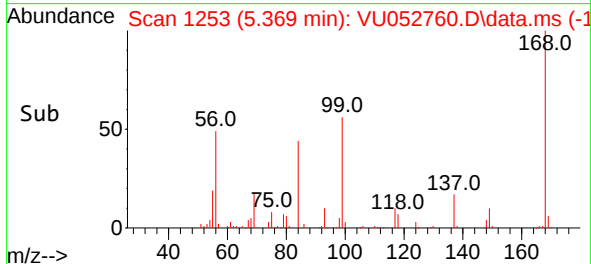
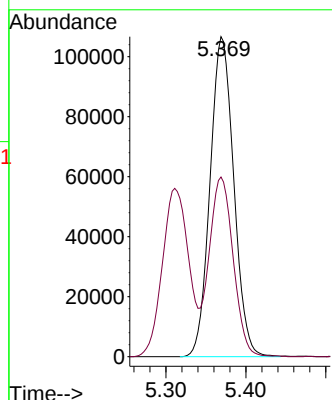
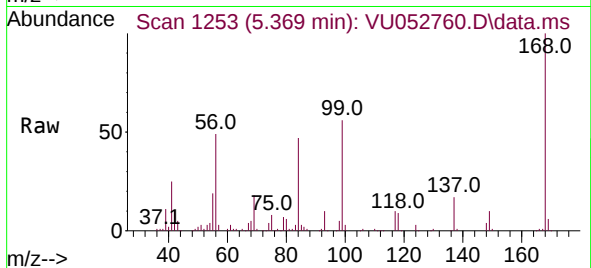
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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Acq: 20 Jan 2023 14:15

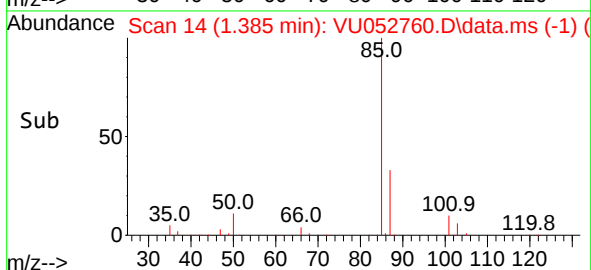
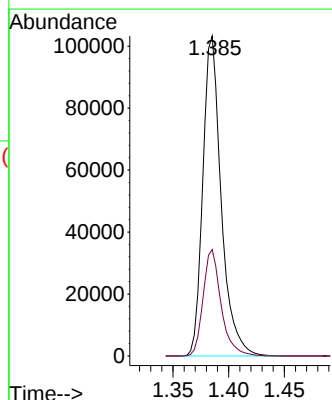
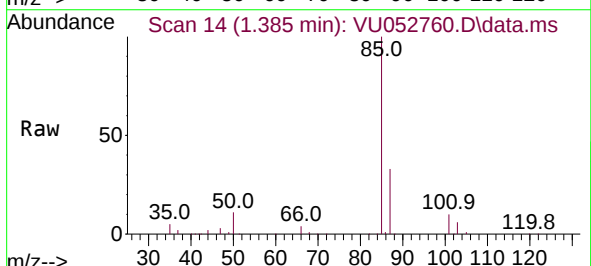
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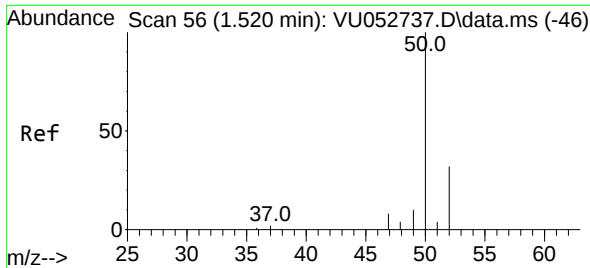
Tgt Ion:168 Resp: 219208
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 45.790 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 85 Resp: 118360
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.7

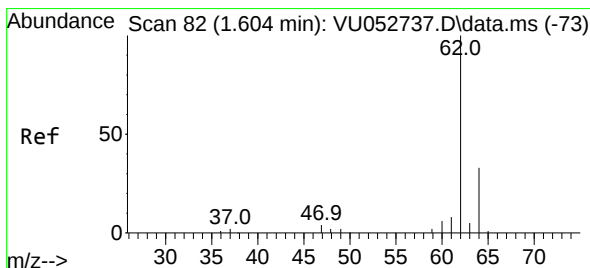
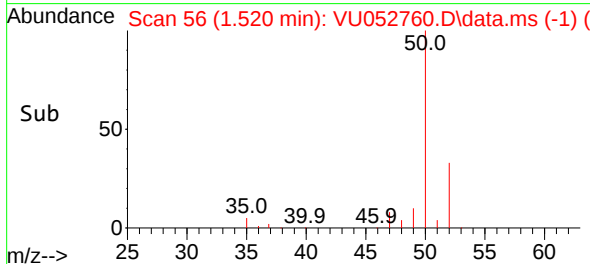
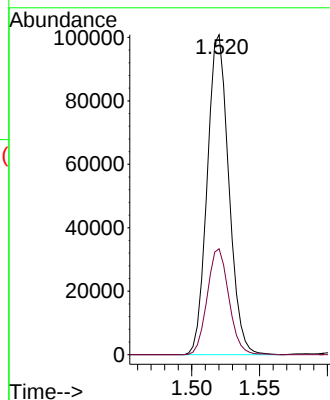
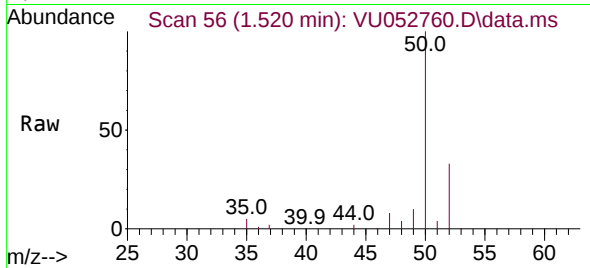




#3
Chloromethane
Concen: 42.033 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

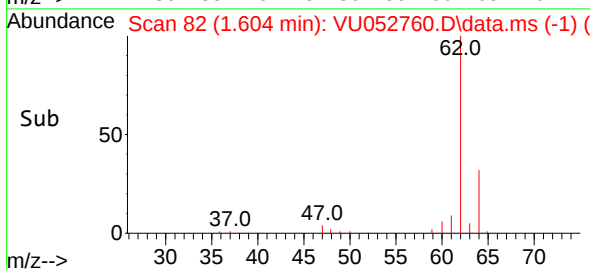
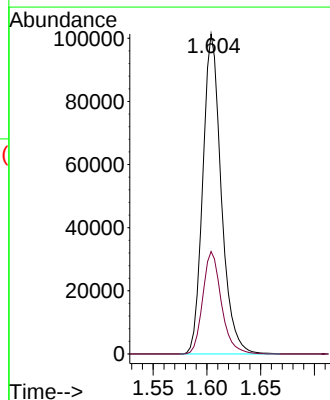
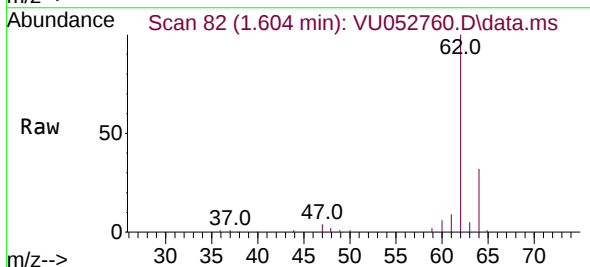
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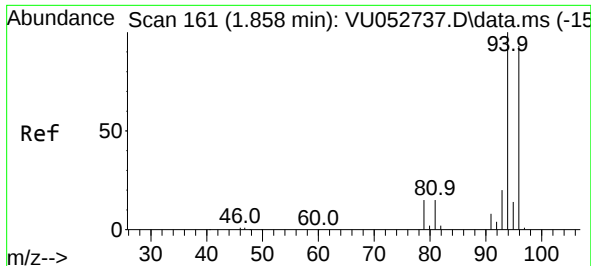
Tgt Ion: 50 Resp: 111602
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6



#4
Vinyl Chloride
Concen: 45.698 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 62 Resp: 121014
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

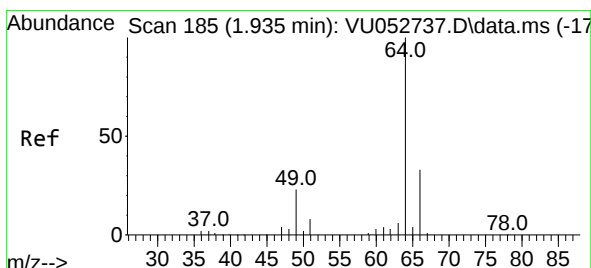
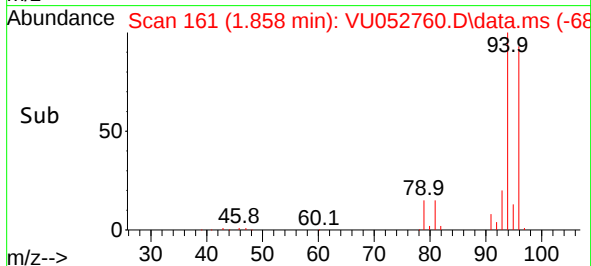
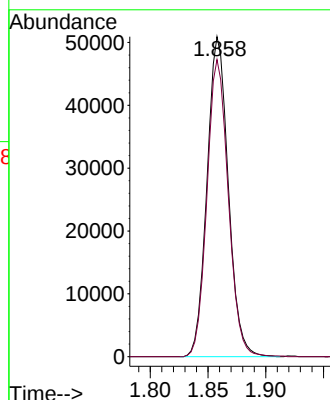
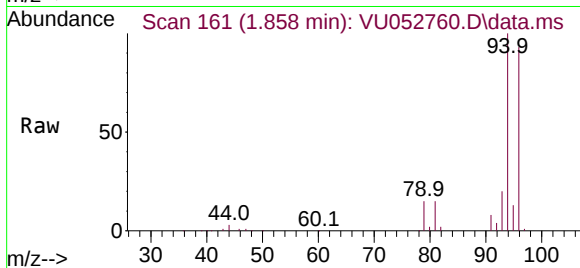




#5
Bromomethane
Concen: 49.928 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

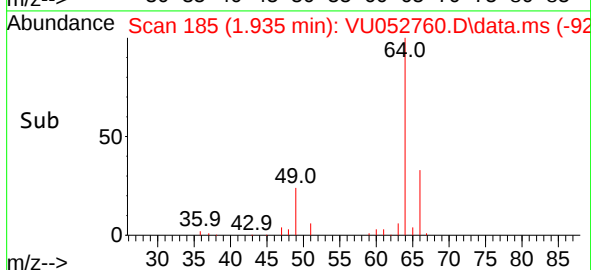
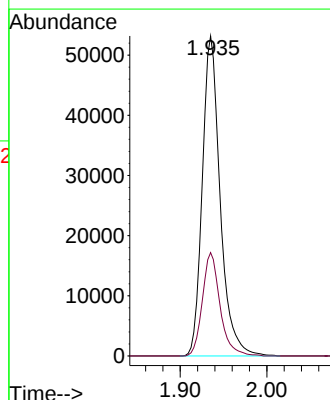
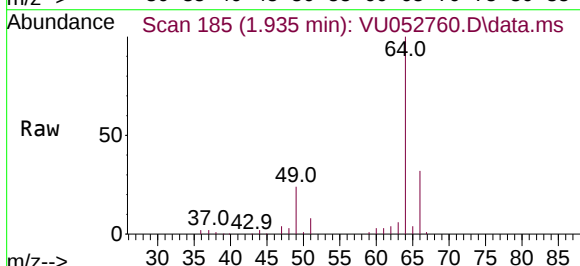
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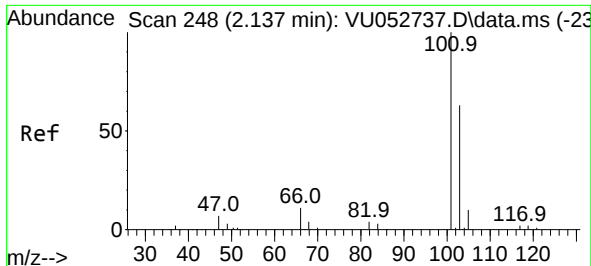
Tgt Ion: 94 Resp: 65271
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 45.495 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 64 Resp: 76158
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1

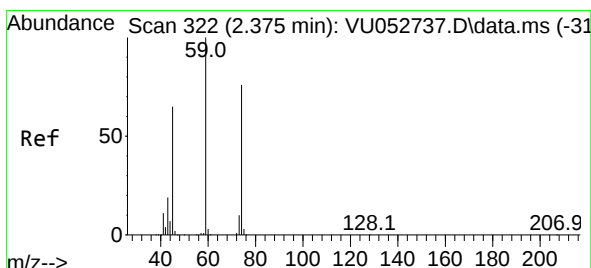
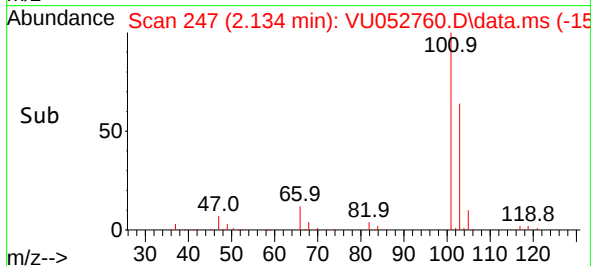
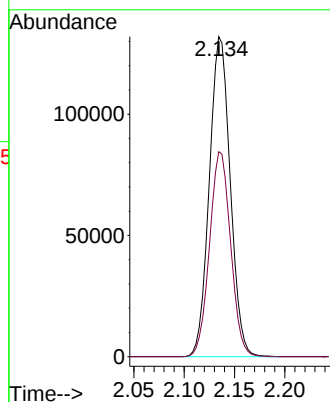
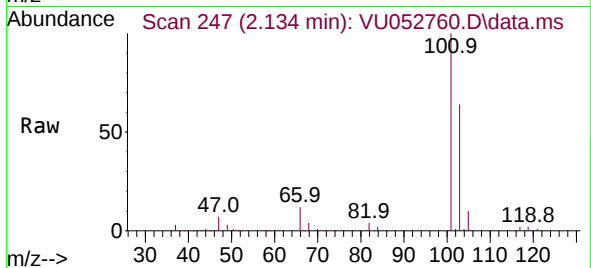




#7
Trichlorofluoromethane
Concen: 46.805 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

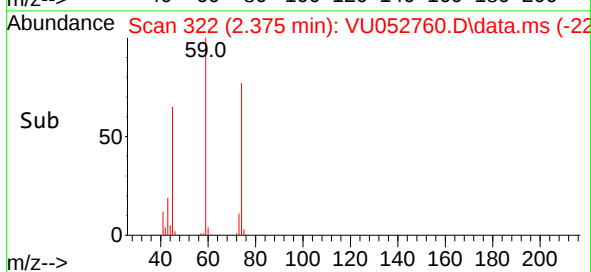
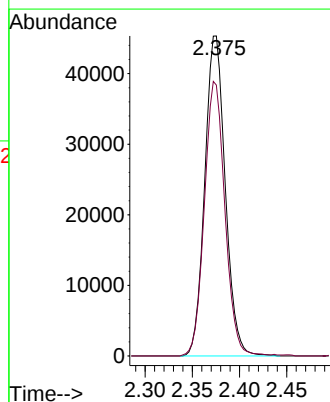
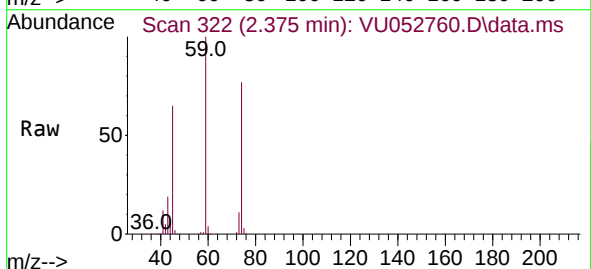
Instrument :
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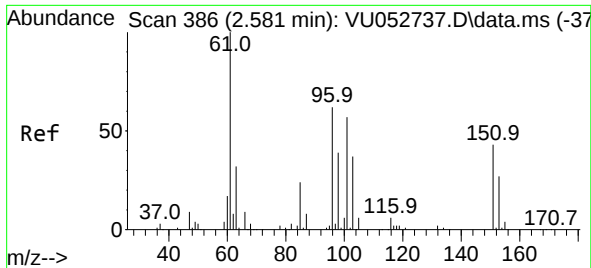
Tgt Ion:101 Resp: 190822
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1



#8
Diethyl Ether
Concen: 46.089 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 74 Resp: 68398
Ion Ratio Lower Upper
74 100
45 86.1 42.4 127.3

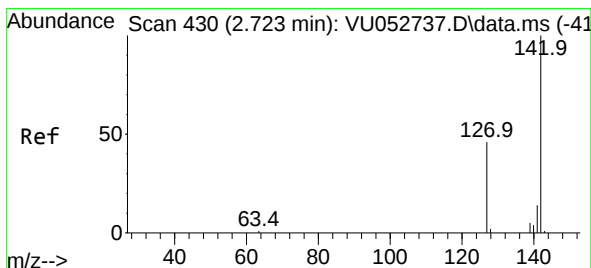
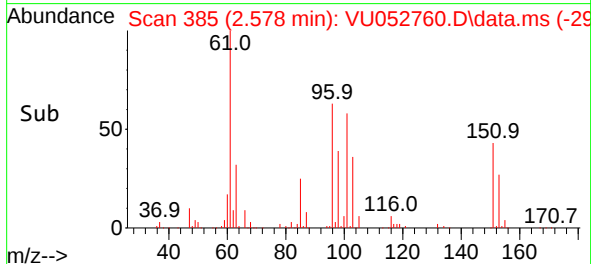
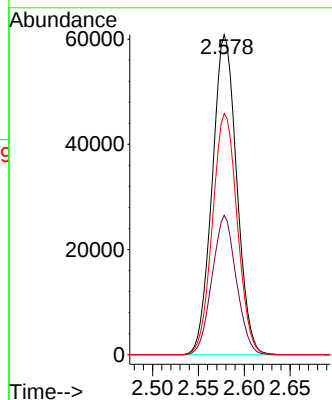
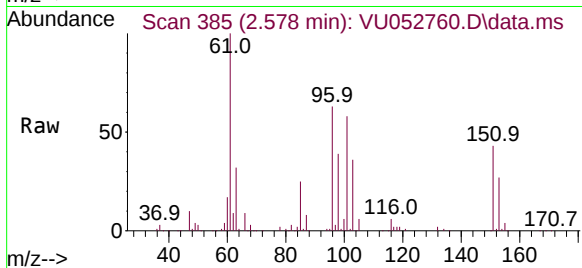




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.877 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

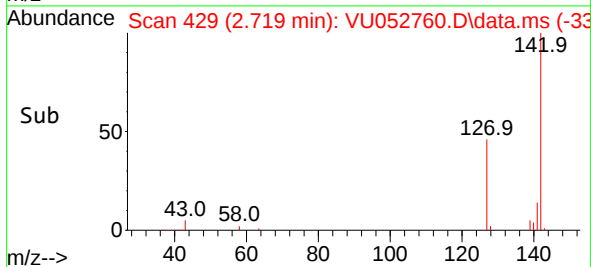
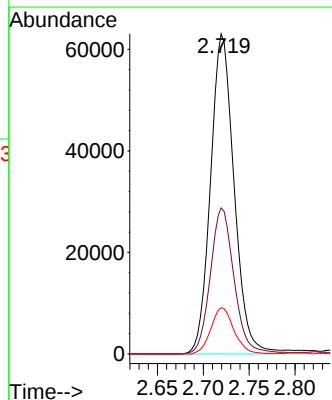
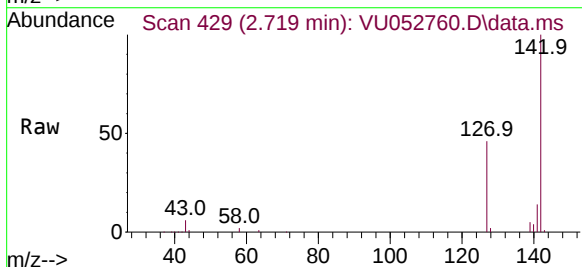
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

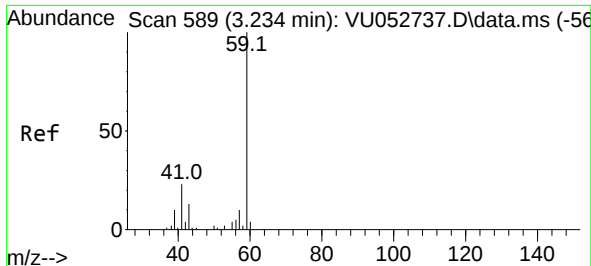
Tgt Ion:101 Resp: 112875
Ion Ratio Lower Upper
101 100
85 43.1 35.1 52.7
151 76.5 61.9 92.9



#10
Methyl Iodide
Concen: 53.101 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion:142 Resp: 112619
Ion Ratio Lower Upper
142 100
127 46.2 36.3 54.5
141 14.1 11.8 17.6

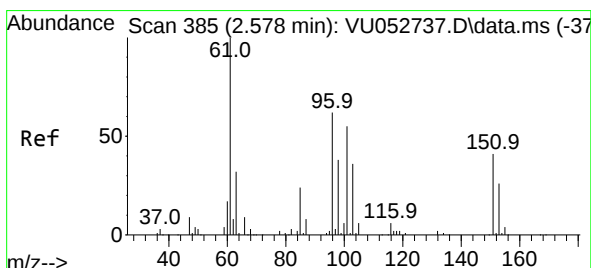
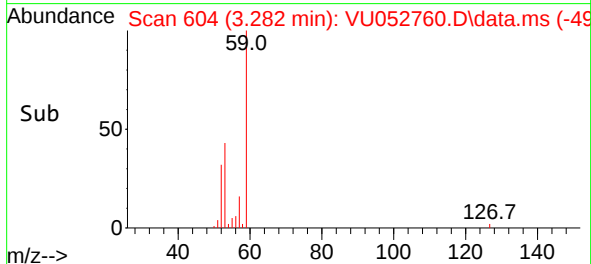
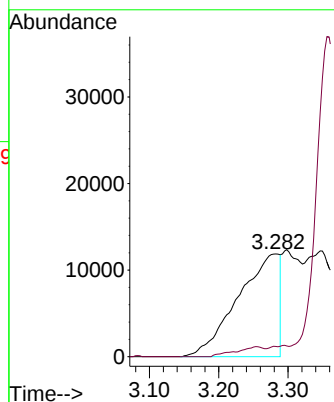
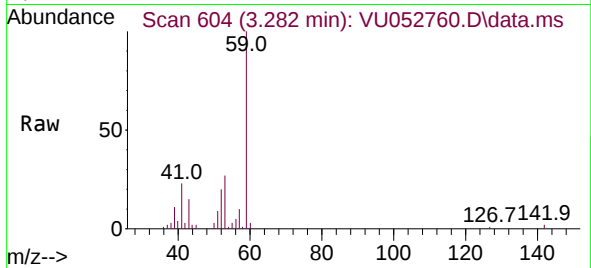




#11
Tert butyl alcohol
Concen: 92.094 ug/l
RT: 3.282 min Scan# 604
Delta R.T. 0.048 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

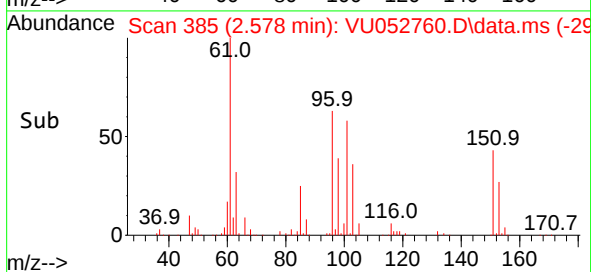
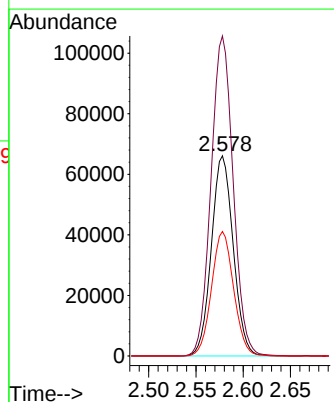
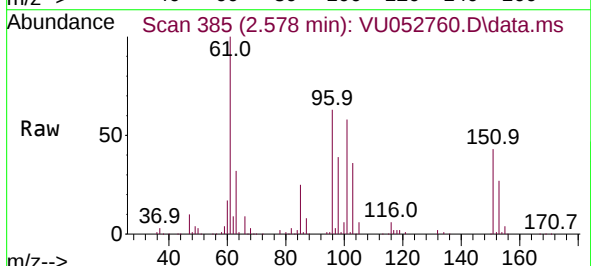
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

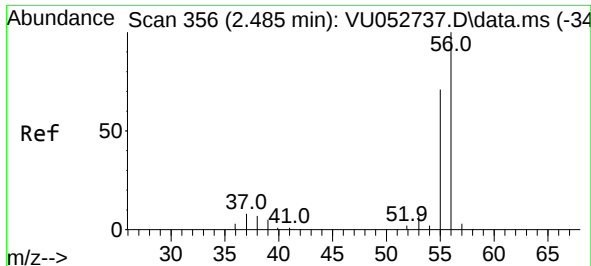
Tgt Ion: 59 Resp: 49539
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.607 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 96 Resp: 106340
Ion Ratio Lower Upper
96 100
61 159.9 129.8 194.6
98 62.3 49.9 74.9

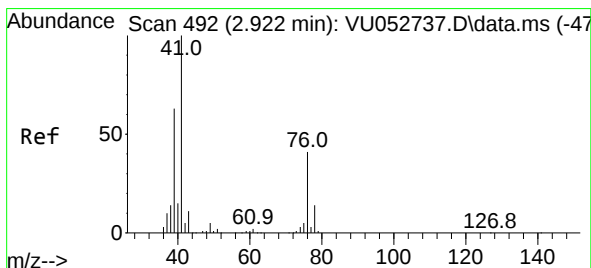
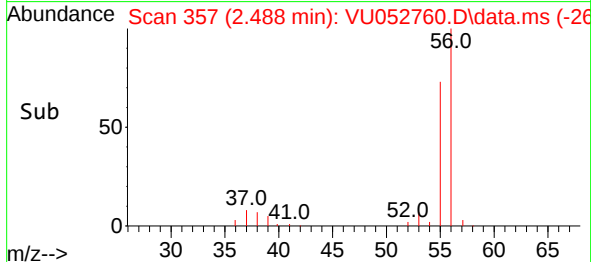
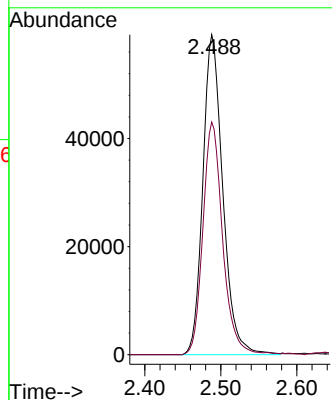
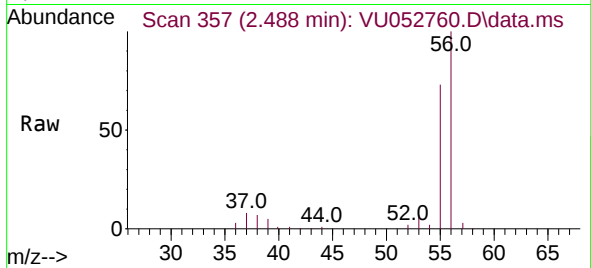




#13
Acrolein
Concen: 218.211 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

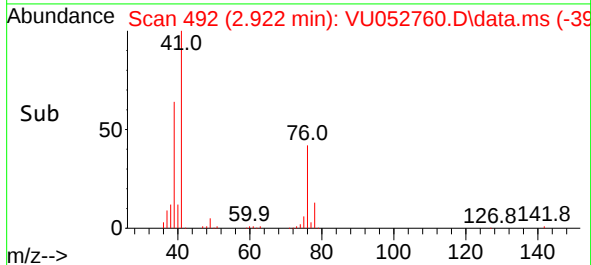
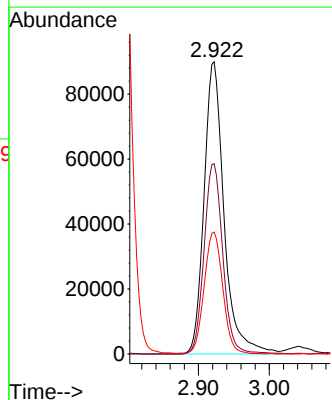
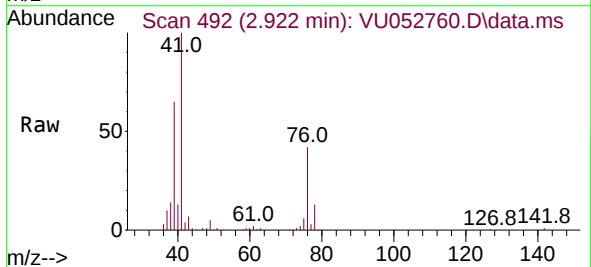
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

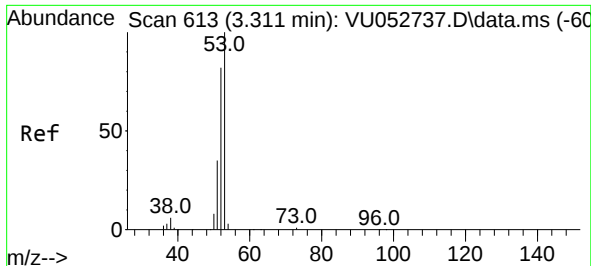
Tgt Ion: 56 Resp: 108157
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8



#14
Allyl chloride
Concen: 48.042 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 41 Resp: 176444
Ion Ratio Lower Upper
41 100
39 61.0 48.2 72.2
76 38.9 29.4 44.0

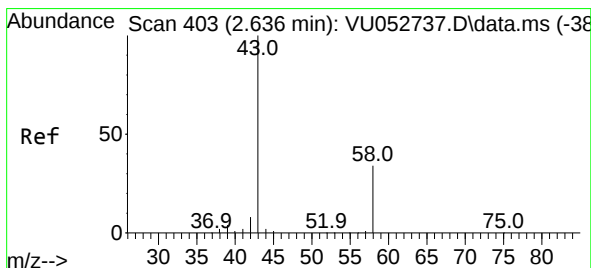
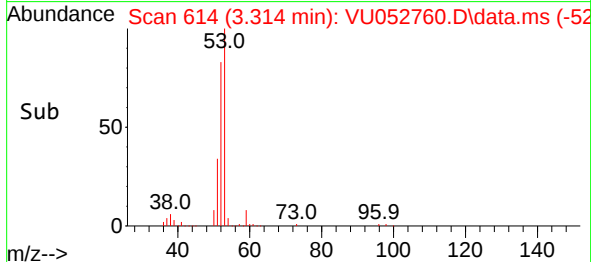
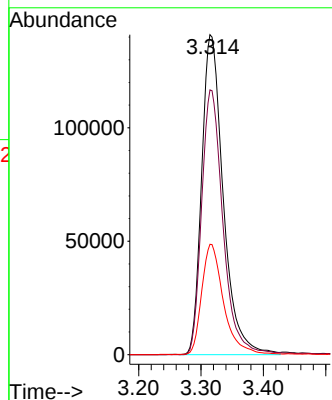
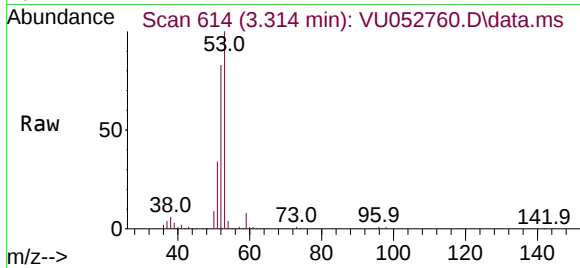




#15
Acrylonitrile
Concen: 228.949 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

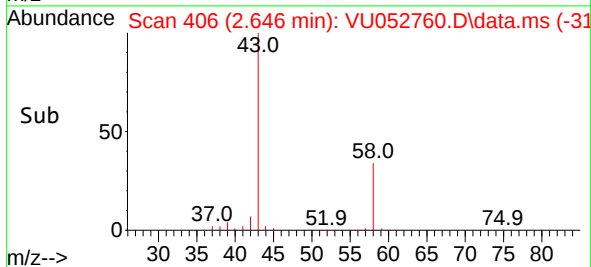
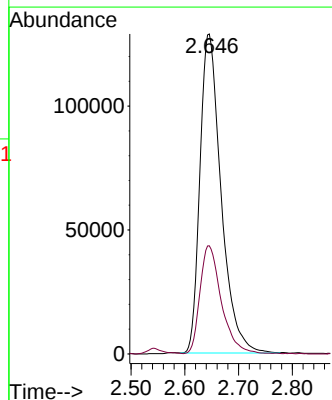
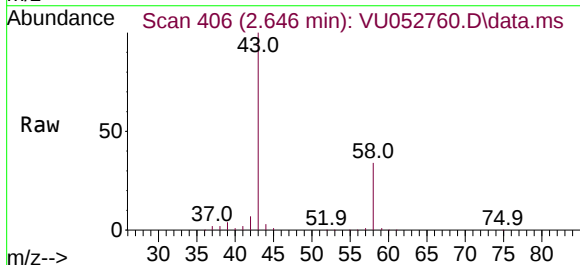
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

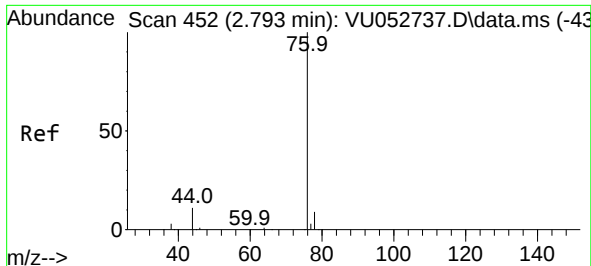
Tgt Ion: 53 Resp: 339813
Ion Ratio Lower Upper
53 100
52 81.7 64.9 97.3
51 34.7 27.6 41.4



#16
Acetone
Concen: 233.901 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.010 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 43 Resp: 351932
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7

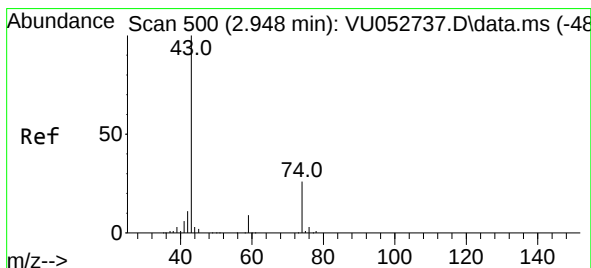
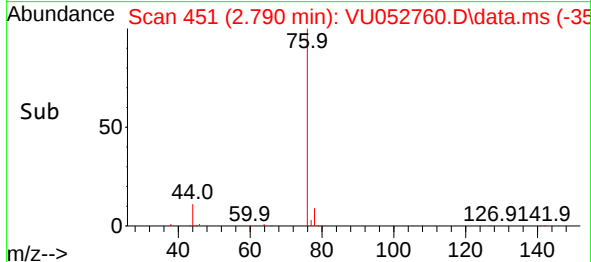
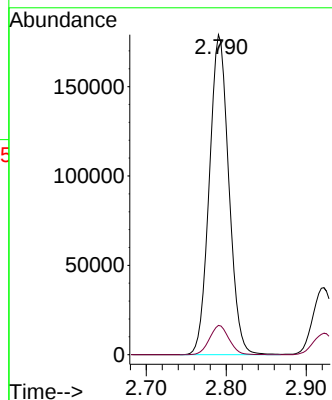
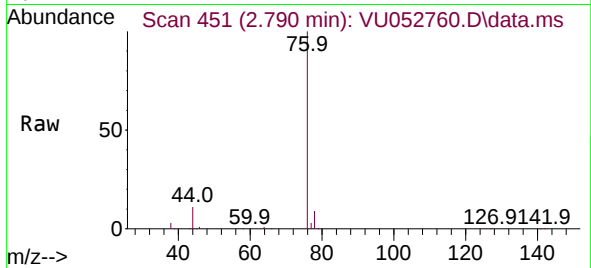




#17
Carbon Disulfide
Concen: 43.461 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

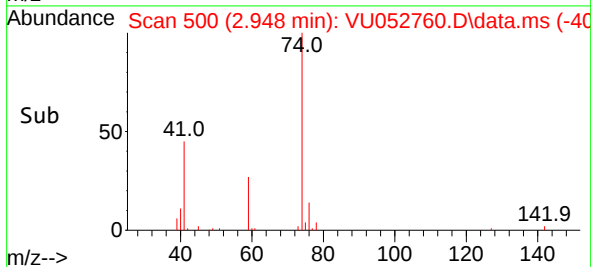
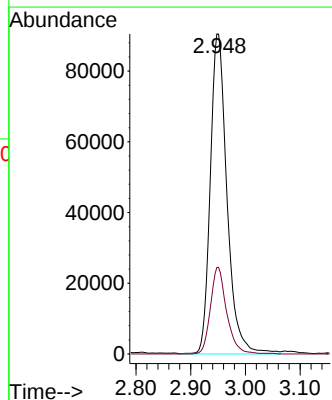
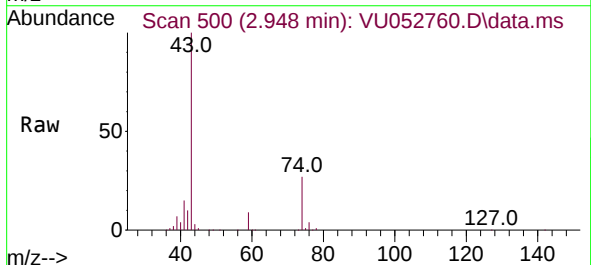
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

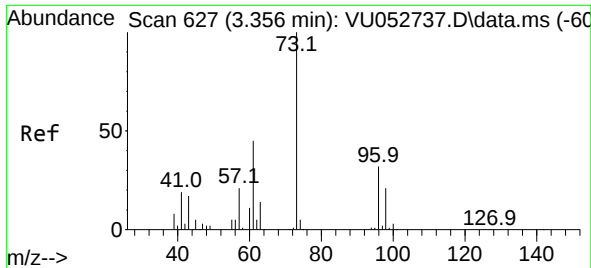
Tgt Ion: 76 Resp: 303631
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 46.147 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 43 Resp: 192169
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7

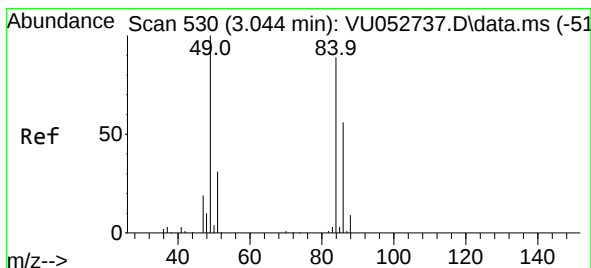
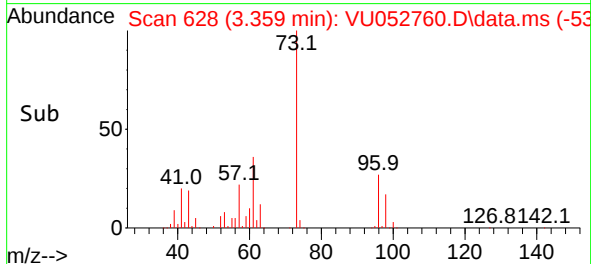
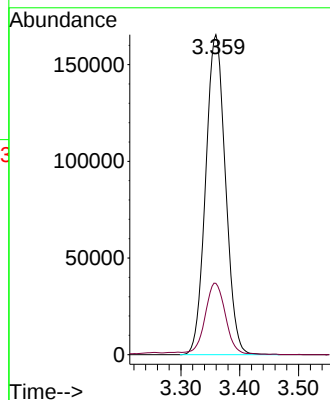
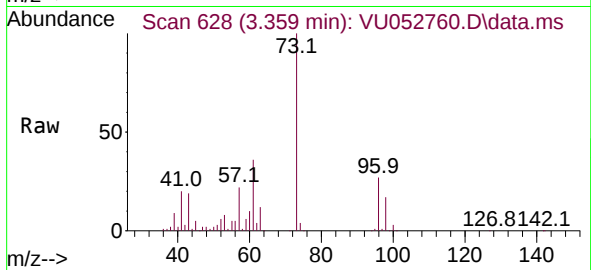




#19
Methyl tert-butyl Ether
Concen: 48.987 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

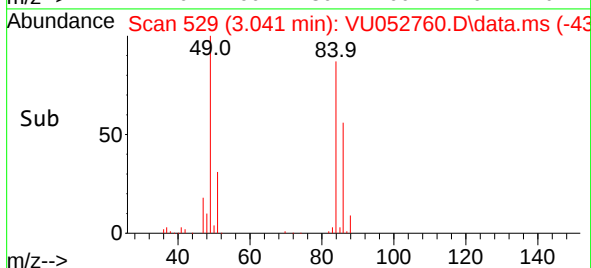
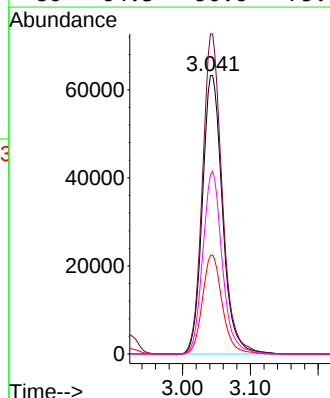
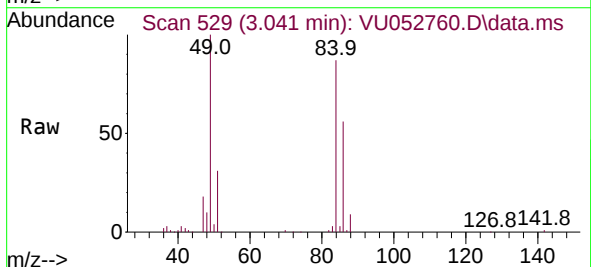
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

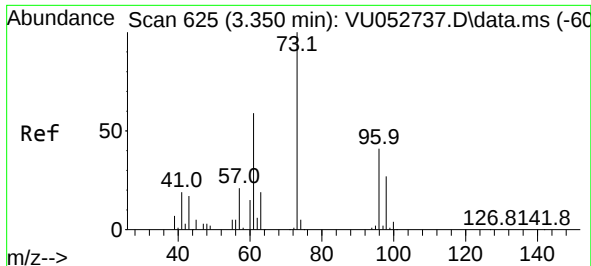
Tgt Ion: 73 Resp: 386979
Ion Ratio Lower Upper
73 100
57 22.2 16.9 25.3



#20
Methylene Chloride
Concen: 48.376 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 84 Resp: 129808
Ion Ratio Lower Upper
84 100
49 114.9 90.2 135.4
51 35.4 28.1 42.1
86 64.3 50.6 75.8

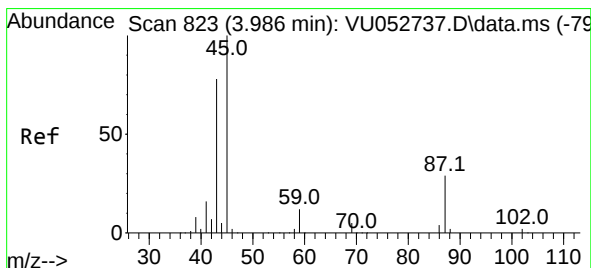
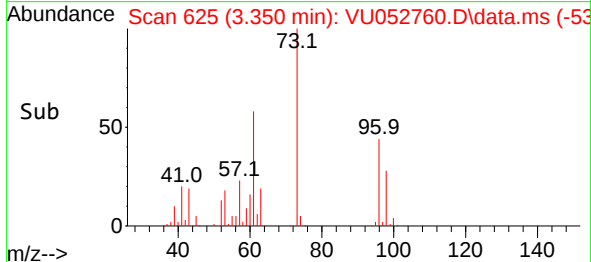
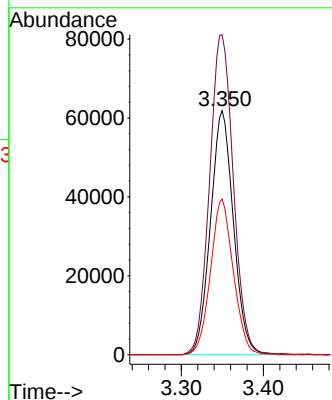
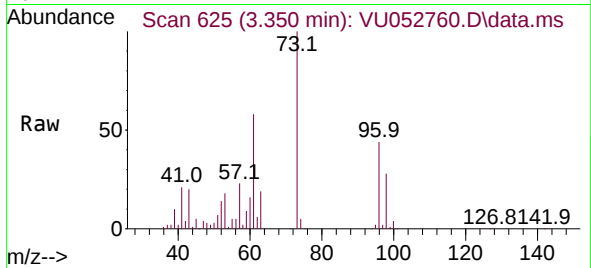




#21
trans-1,2-Dichloroethene
Concen: 47.806 ug/l
RT: 3.350 min Scan# 612
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

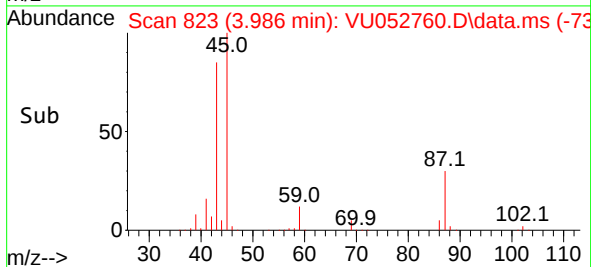
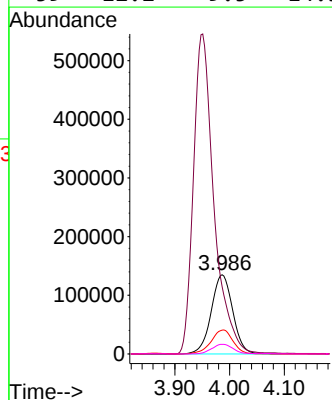
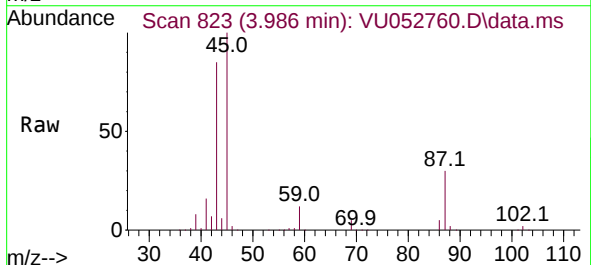
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

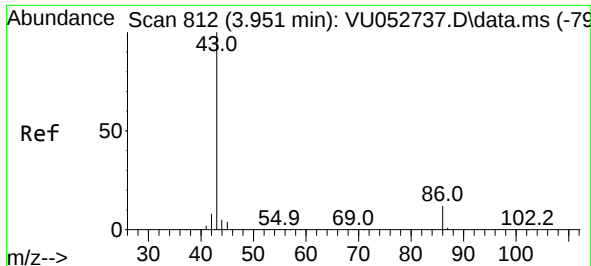
Tgt Ion: 96 Resp: 120160
Ion Ratio Lower Upper
96 100
61 131.2 114.7 172.1
98 63.7 52.4 78.6



#22
Diisopropyl ether
Concen: 48.284 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 45 Resp: 368774
Ion Ratio Lower Upper
45 100
43 84.0 64.6 97.0
87 30.1 23.2 34.8
59 12.2 9.5 14.3

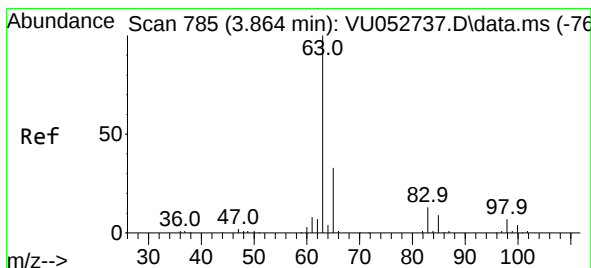
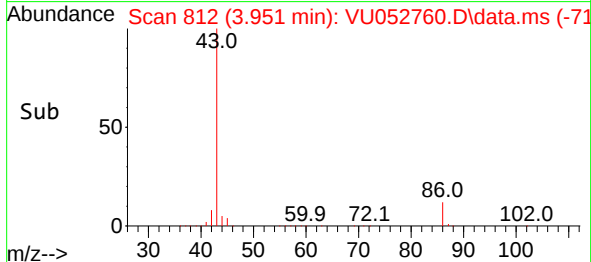
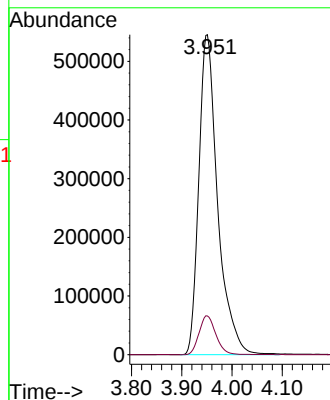
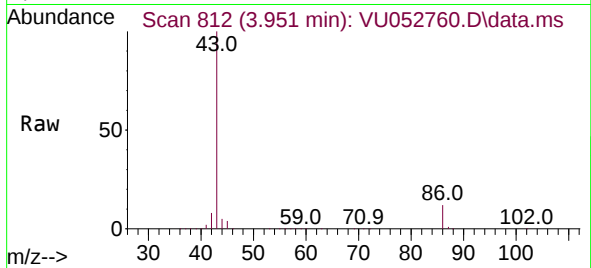




#23
 Vinyl Acetate
 Concen: 242.756 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

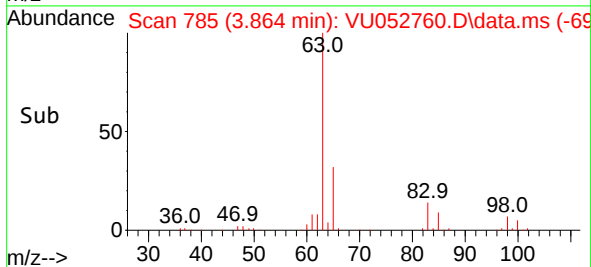
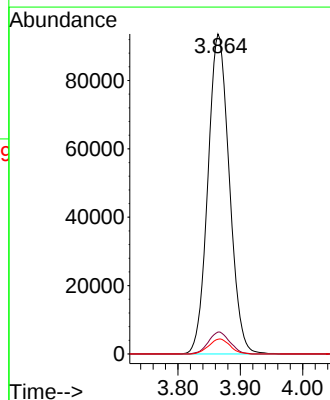
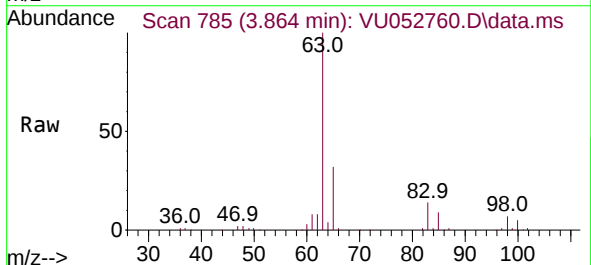
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

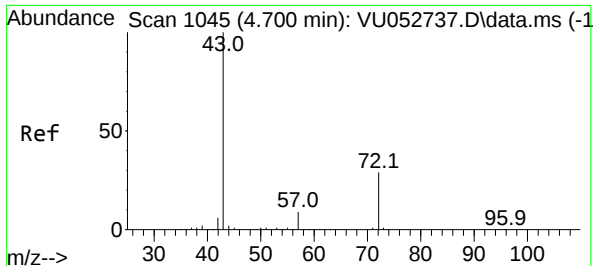
Tgt Ion: 43 Resp: 1422637
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 46.075 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

Tgt Ion: 63 Resp: 223190
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 235.987 ug/l

RT: 4.707 min Scan# 1047

Delta R.T. 0.007 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

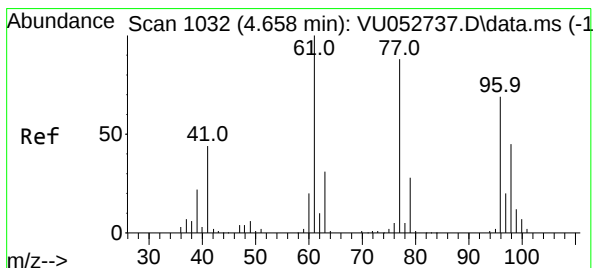
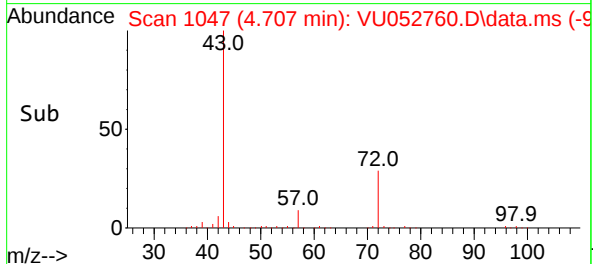
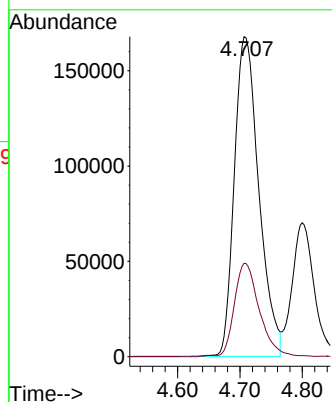
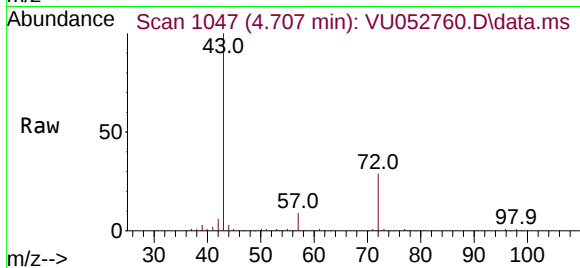
VSTDCCC050EC

Tgt Ion: 43 Resp: 457931

Ion Ratio Lower Upper

43 100

72 29.2 23.3 34.9



#26

2,2-Dichloropropane

Concen: 47.739 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052760.D

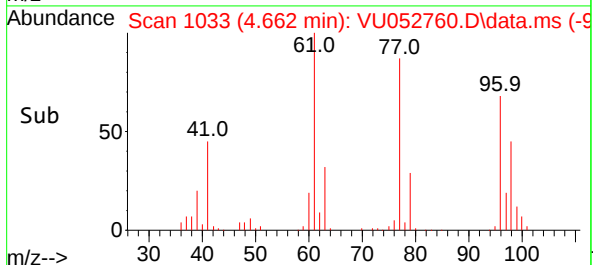
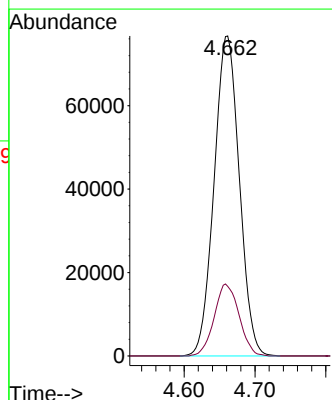
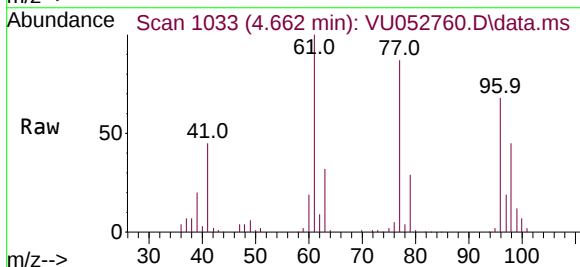
Acq: 20 Jan 2023 14:15

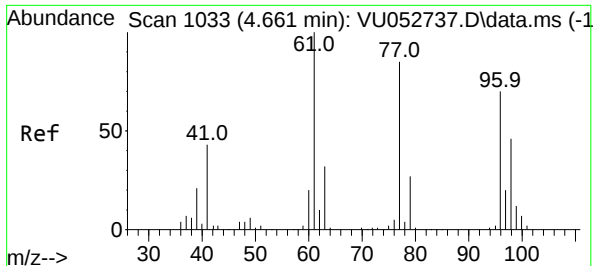
Tgt Ion: 77 Resp: 189710

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



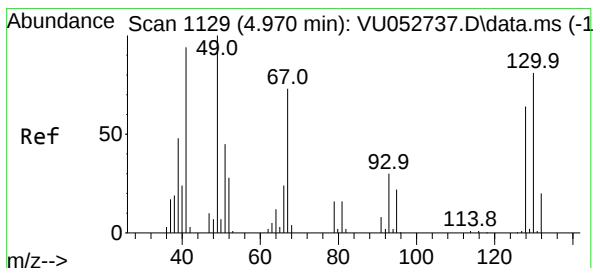
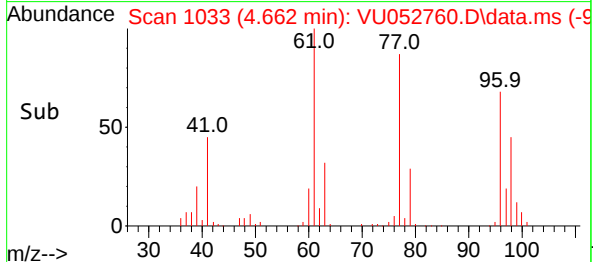
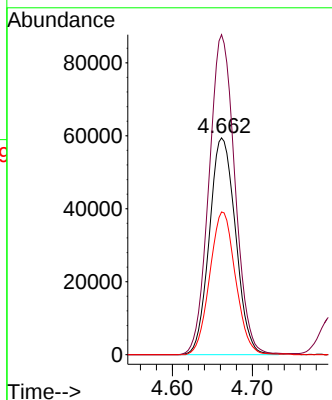
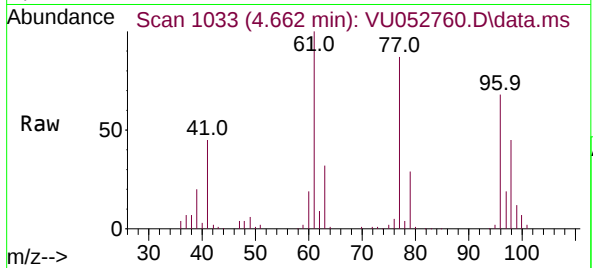


#27
 cis-1,2-Dichloroethene
 Concen: 48.982 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 135151

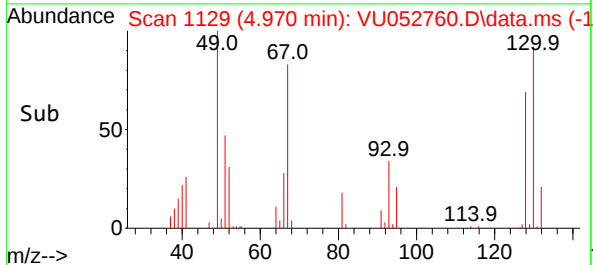
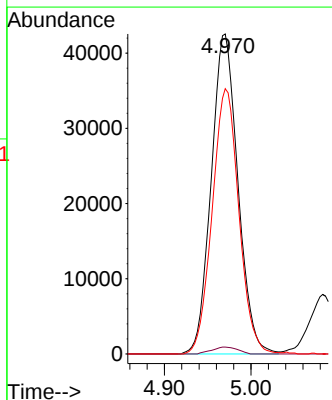
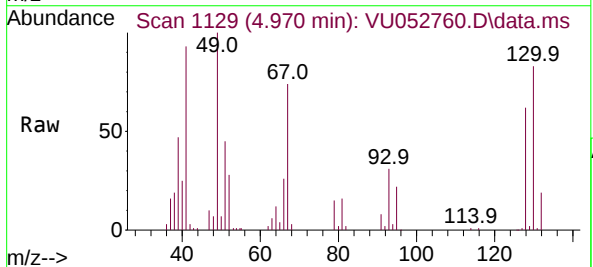
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	287.2
98	64.7	0.0	128.4

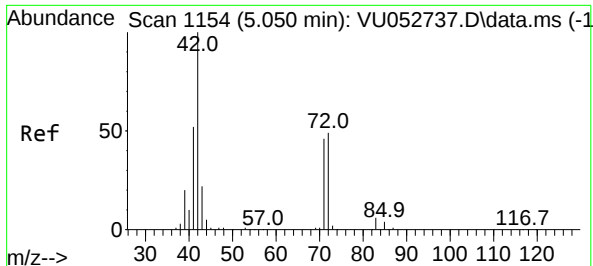


#28
 Bromochloromethane
 Concen: 45.082 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

Tgt Ion: 49 Resp: 91155

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	82.8	65.5	98.3

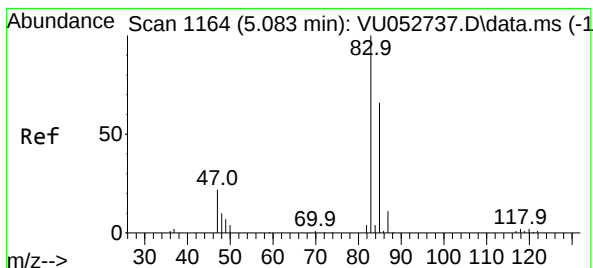
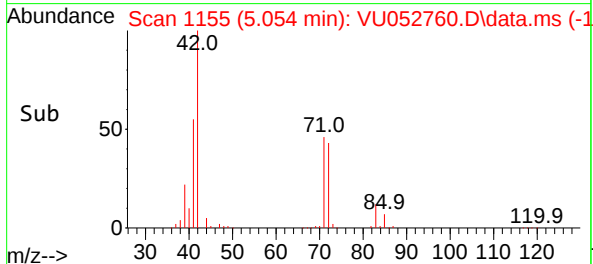
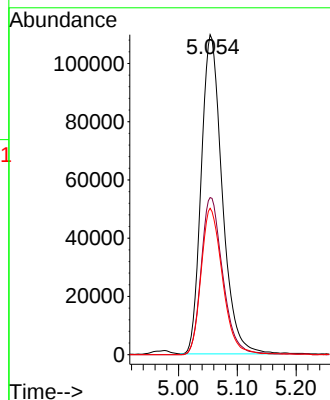
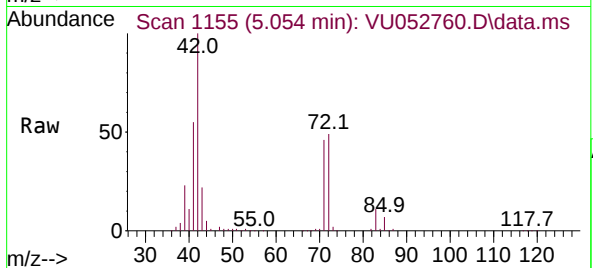




#29
Tetrahydrofuran
Concen: 240.948 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

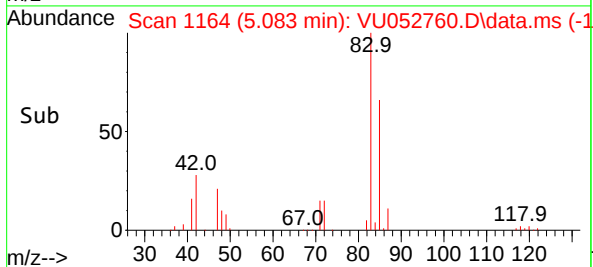
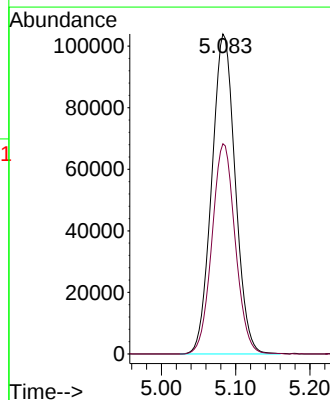
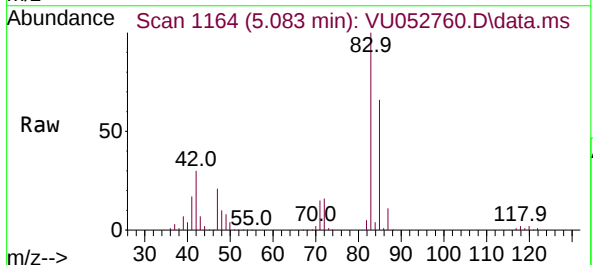
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

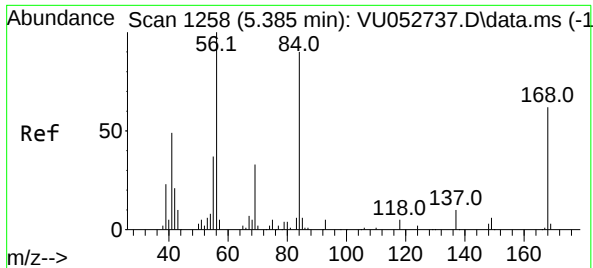
Tgt Ion: 42 Resp: 271418
Ion Ratio Lower Upper
42 100
72 50.7 40.5 60.7
71 46.7 37.4 56.0



#30
Chloroform
Concen: 44.053 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 83 Resp: 228110
Ion Ratio Lower Upper
83 100
85 65.7 52.6 79.0





#31

Cyclohexane

Concen: 45.011 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

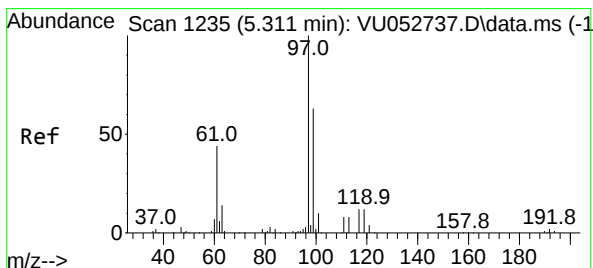
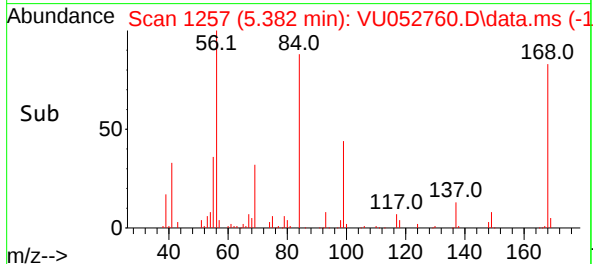
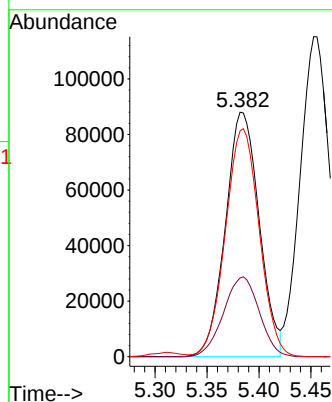
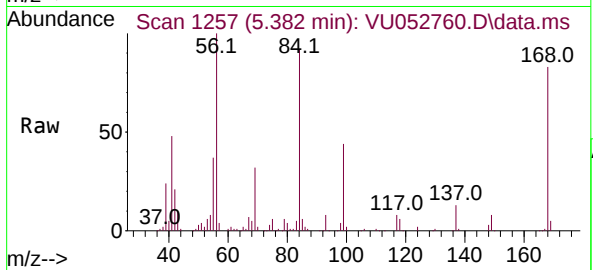
Tgt Ion: 56 Resp: 199114

Ion Ratio Lower Upper

56 100

69 32.2 26.2 39.2

84 91.3 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 47.369 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

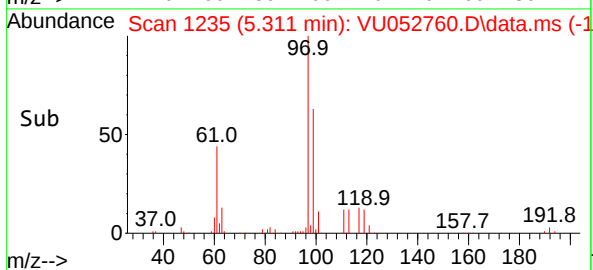
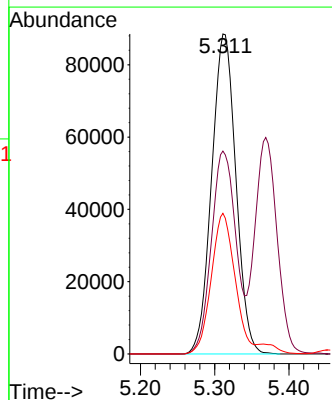
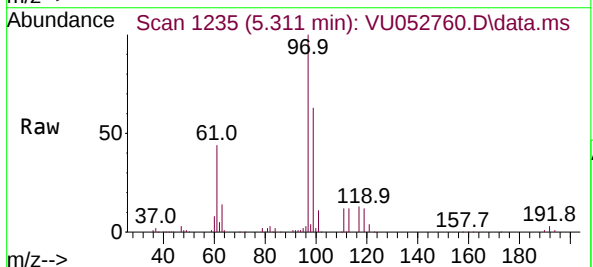
Tgt Ion: 97 Resp: 200903

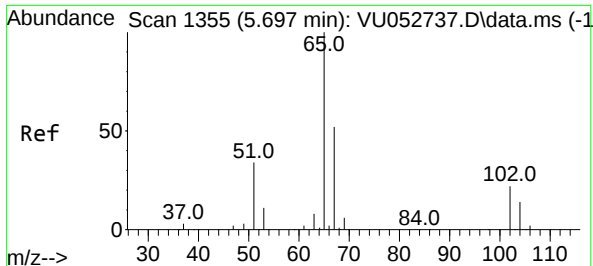
Ion Ratio Lower Upper

97 100

99 63.6 50.5 75.7

61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.808 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

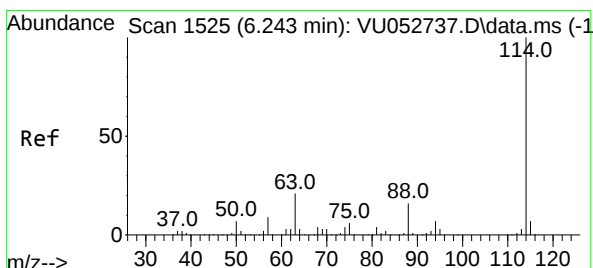
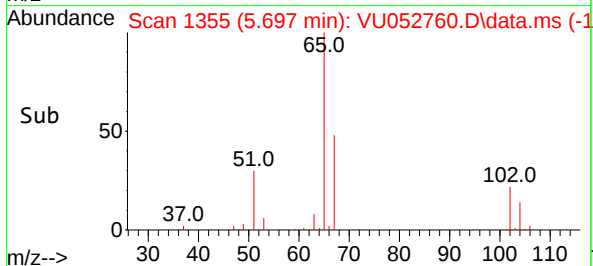
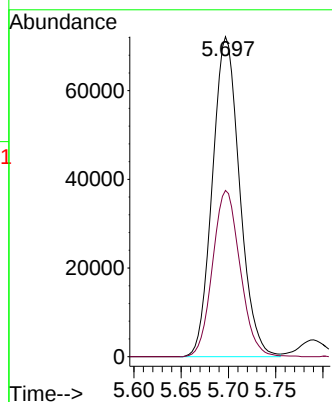
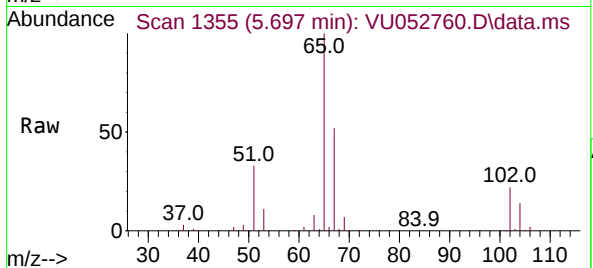
VSTDCCC050EC

Tgt Ion: 65 Resp: 144614

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

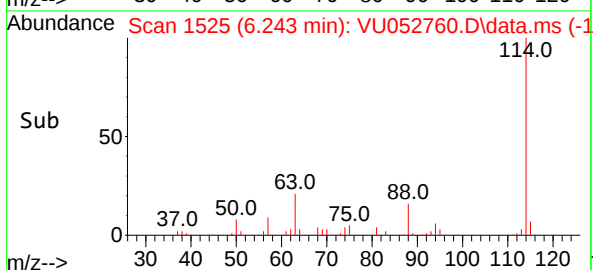
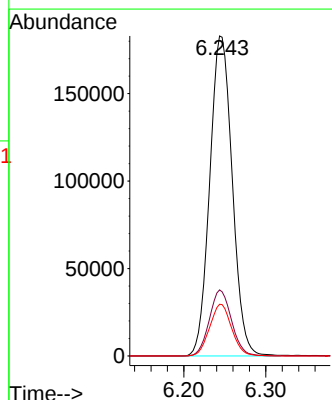
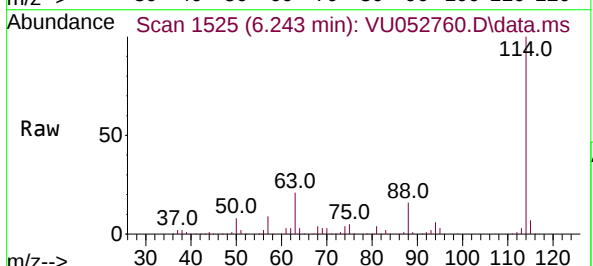
Tgt Ion: 114 Resp: 349065

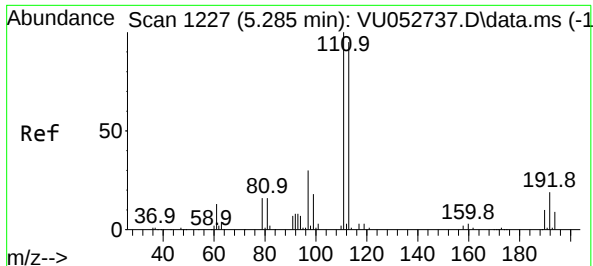
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 16.2 0.0 32.8

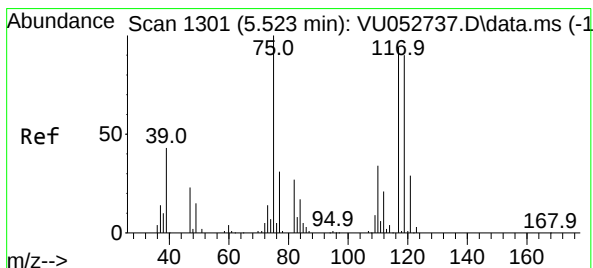
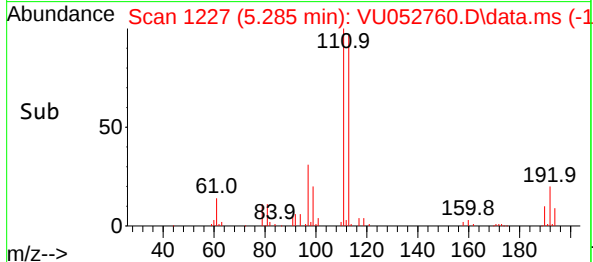
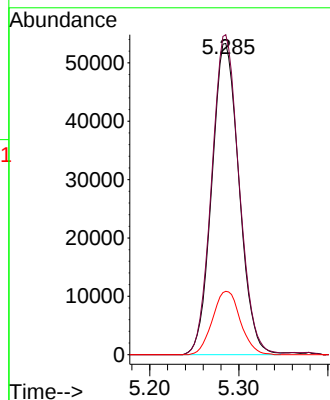
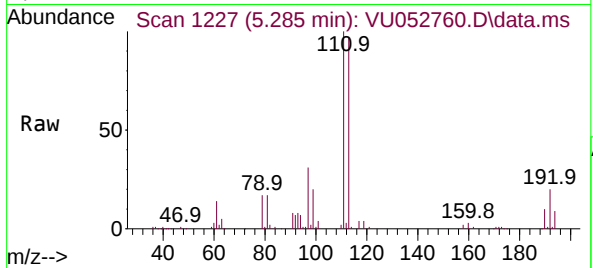




#35
Dibromofluoromethane
Concen: 46.596 ug/l
RT: 5.285 min Scan# 113
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

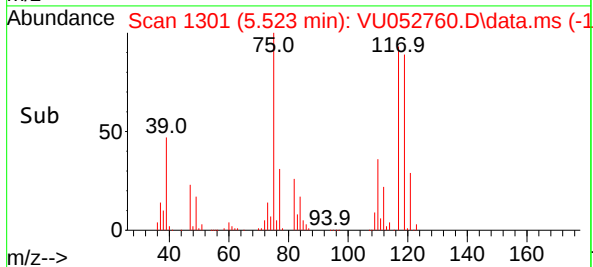
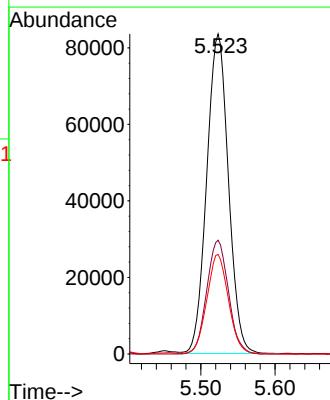
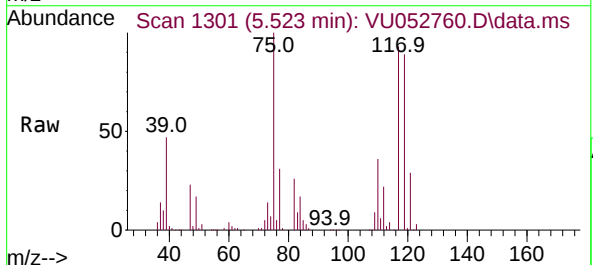
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

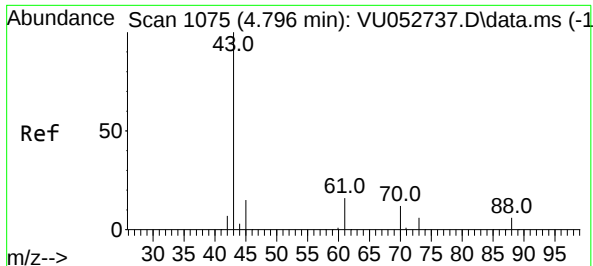
Tgt Ion:113 Resp: 113257
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 20.8 15.7 23.5



#36
1,1-Dichloropropene
Concen: 48.587 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 75 Resp: 169441
Ion Ratio Lower Upper
75 100
110 35.6 17.1 51.2
77 31.1 25.0 37.4

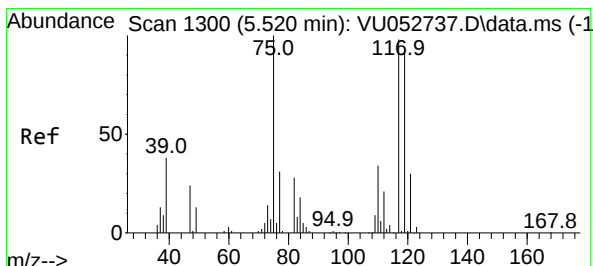
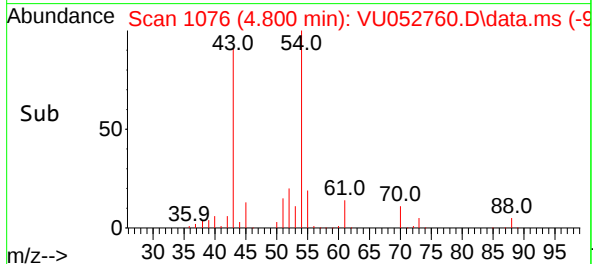
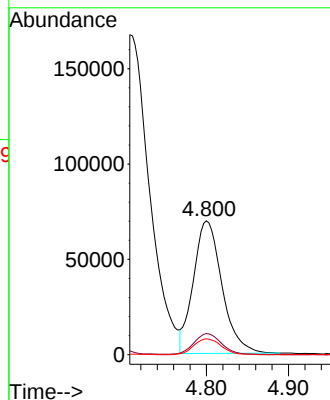
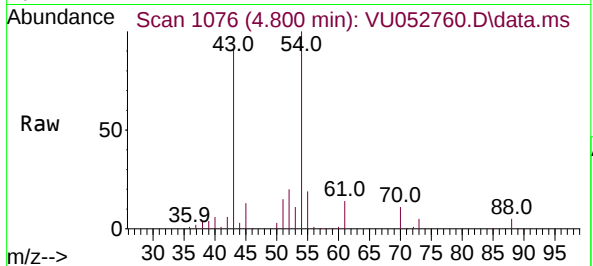




#37
Ethyl Acetate
Concen: 44.403 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

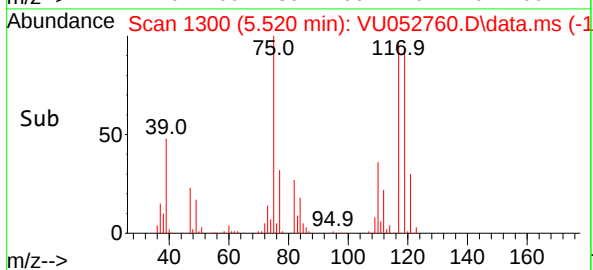
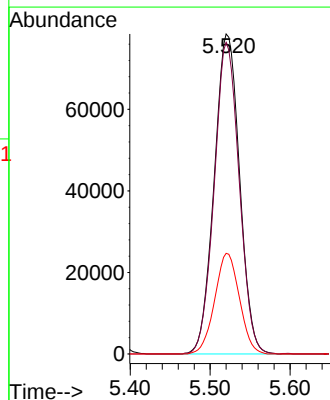
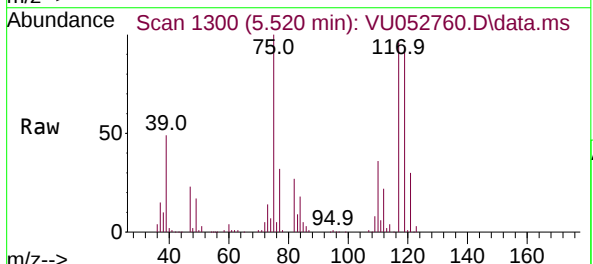
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

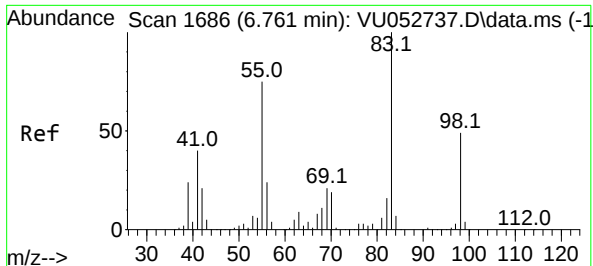
Tgt Ion: 43 Resp: 168329
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 11.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.134 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 117 Resp: 172701
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
121 31.5 24.2 36.4





#39

Methylcyclohexane

Concen: 51.007 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

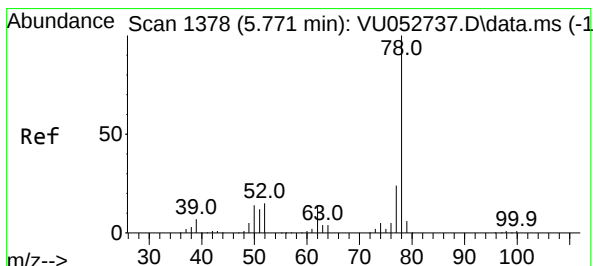
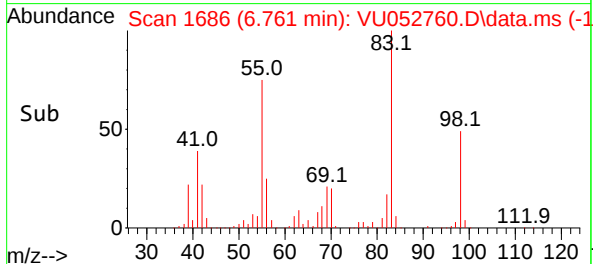
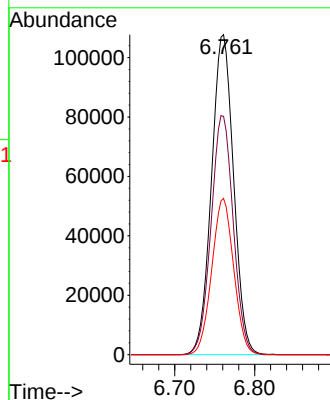
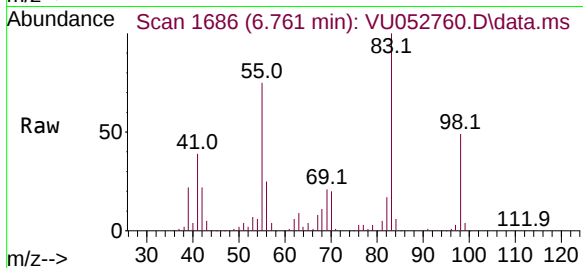
Tgt Ion: 83 Resp: 206994

Ion Ratio Lower Upper

83 100

55 74.5 60.4 90.6

98 48.8 38.9 58.3



#40

Benzene

Concen: 47.368 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052760.D

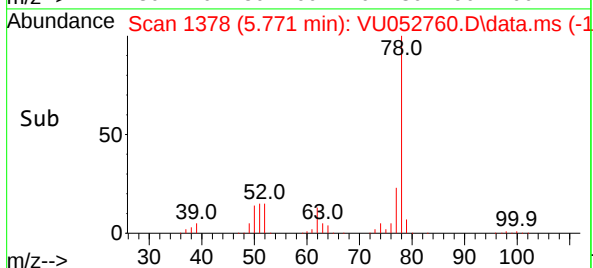
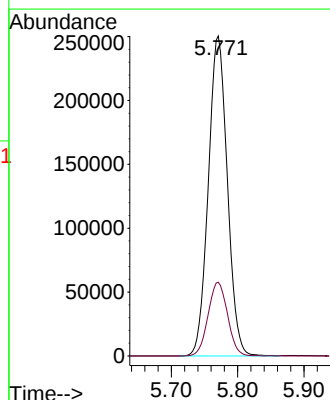
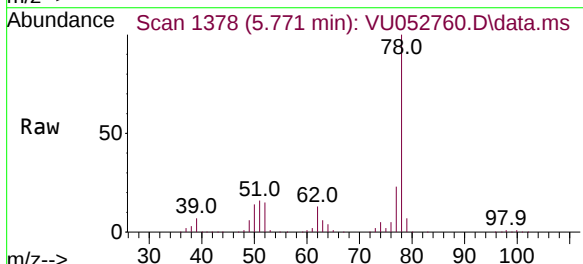
Acq: 20 Jan 2023 14:15

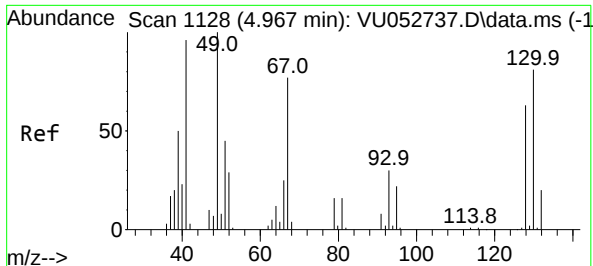
Tgt Ion: 78 Resp: 498795

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3

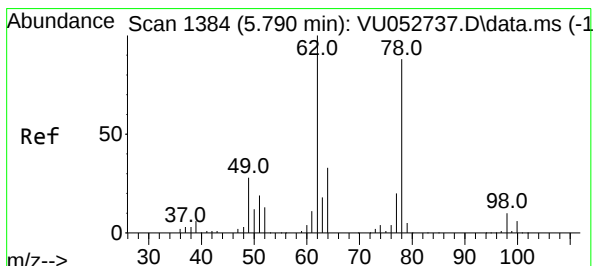
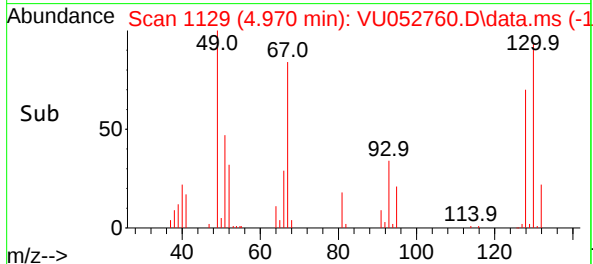
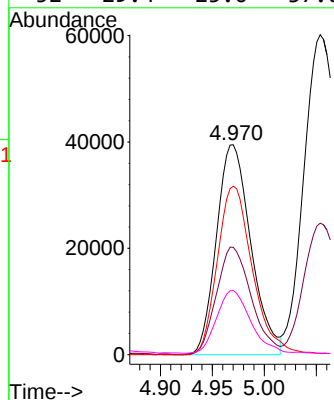
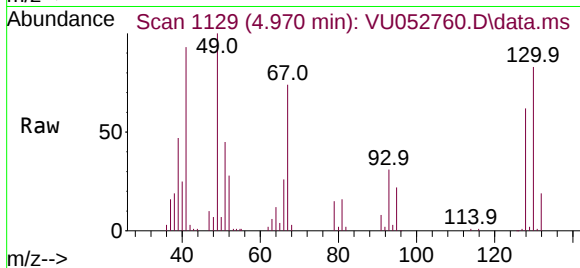




#41
Methacrylonitrile
Concen: 49.594 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

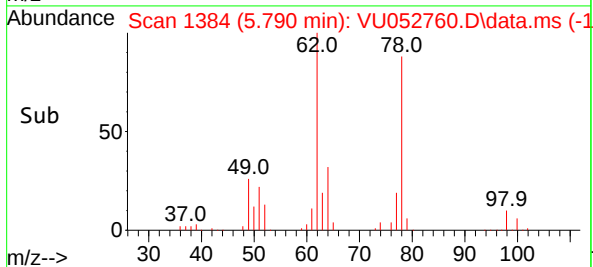
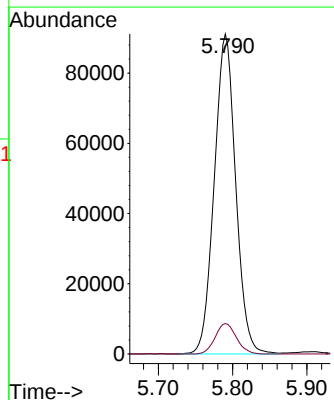
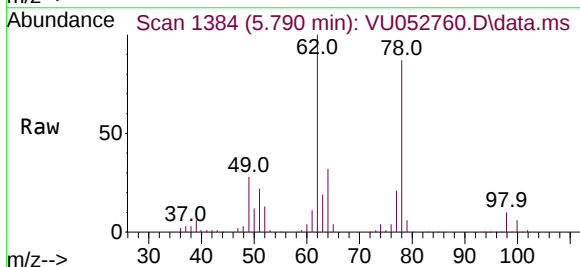
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 90954
Ion Ratio	Lower Upper
41 100	
39 52.0	42.2 63.2
67 82.0	65.0 97.6
52 29.4	25.0 37.6



#42
1,2-Dichloroethane
Concen: 48.022 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 62	Resp: 182596
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 19.0





#43

Isopropyl Acetate

Concen: 49.057 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

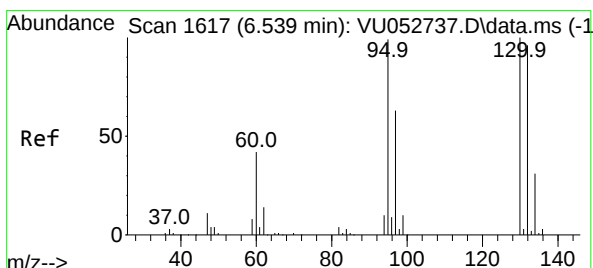
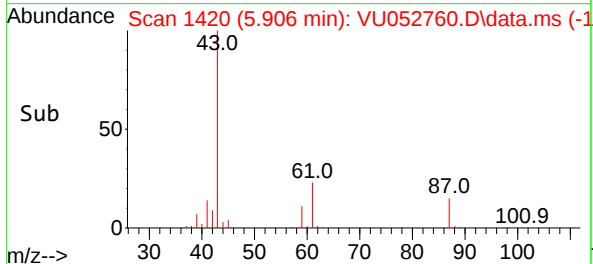
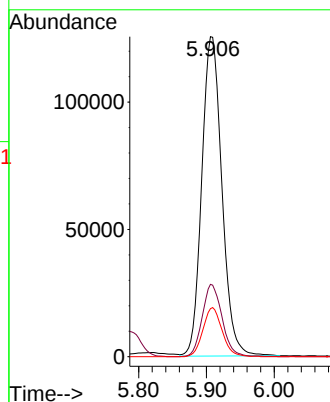
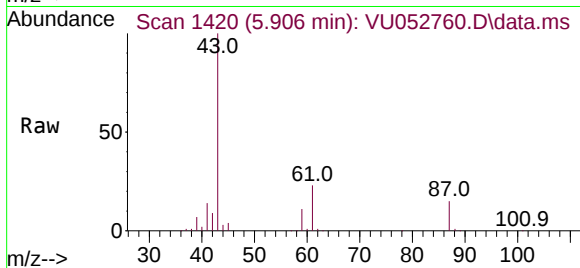
Tgt Ion: 43 Resp: 259229

Ion Ratio Lower Upper

43 100

61 22.4 18.1 27.1

87 14.6 11.7 17.5



#44

Trichloroethene

Concen: 49.725 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052760.D

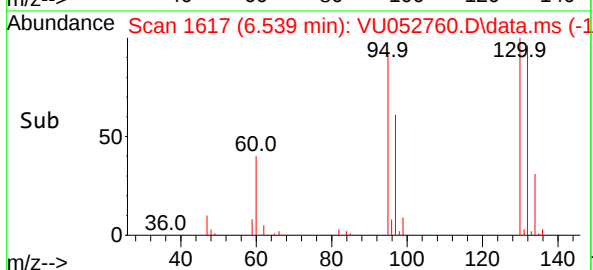
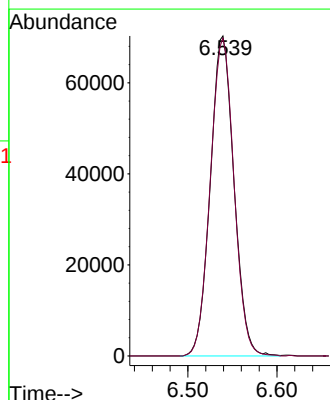
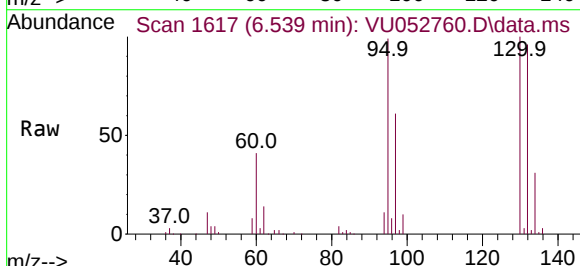
Acq: 20 Jan 2023 14:15

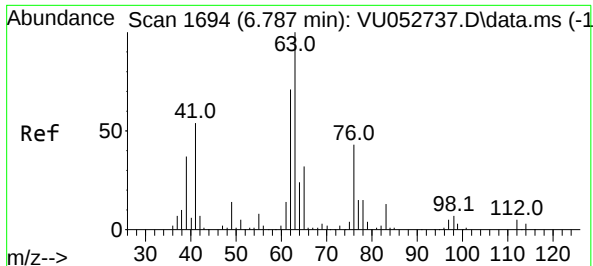
Tgt Ion:130 Resp: 129515

Ion Ratio Lower Upper

130 100

95 99.3 0.0 198.2





#45

1,2-Dichloropropane

Concen: 47.364 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

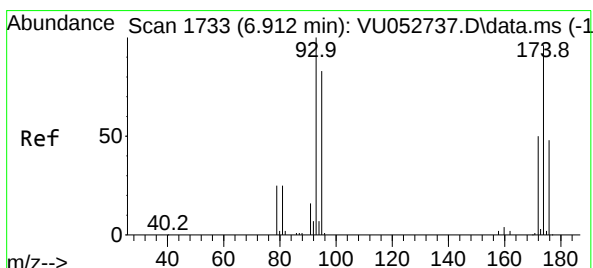
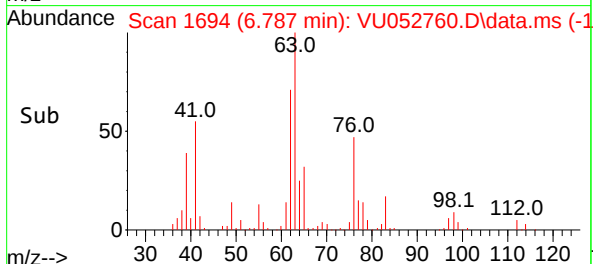
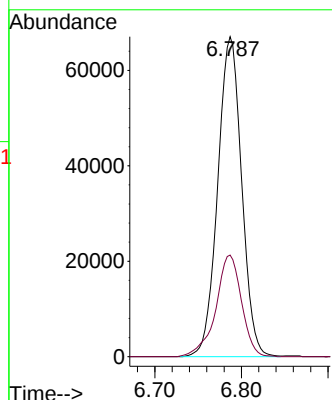
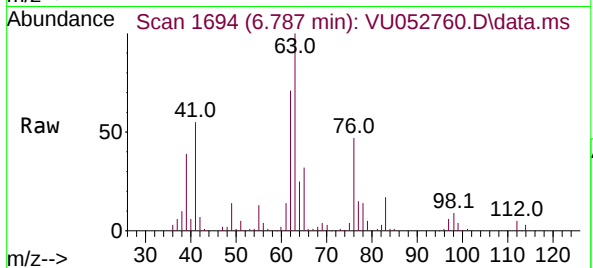
VSTDCCC050EC

Tgt Ion: 63 Resp: 128643

Ion Ratio Lower Upper

63 100

65 31.8 26.0 39.0



#46

Dibromomethane

Concen: 47.594 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

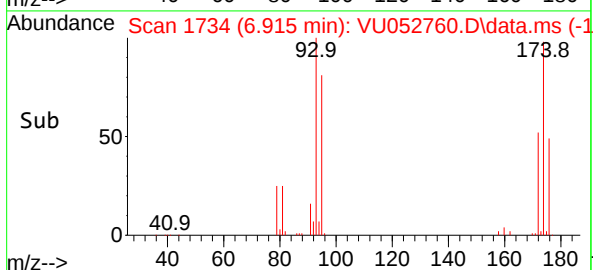
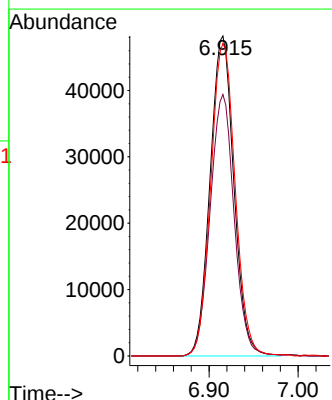
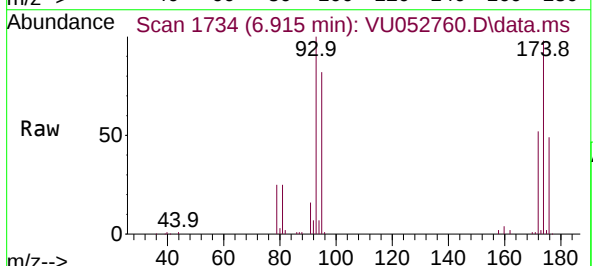
Tgt Ion: 93 Resp: 89522

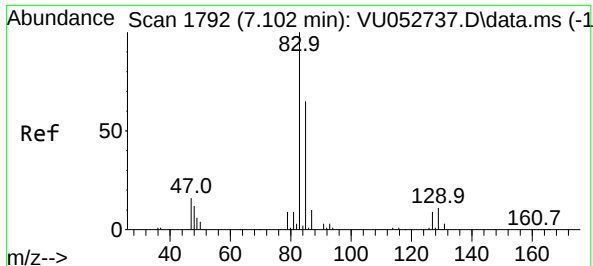
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 100.2 78.6 117.8

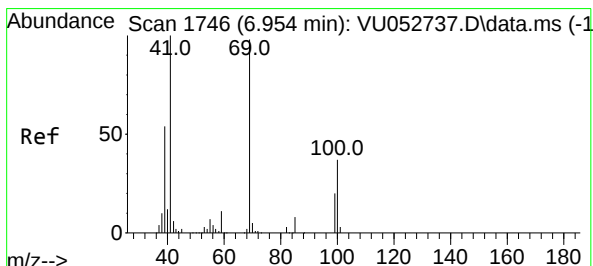
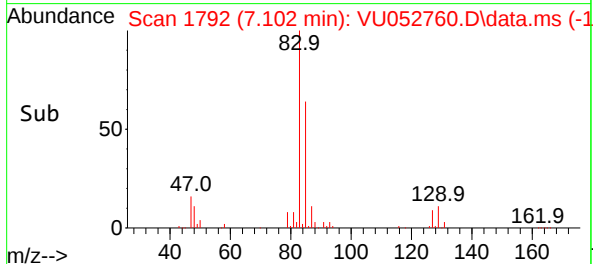
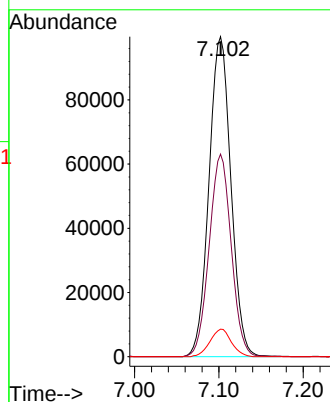
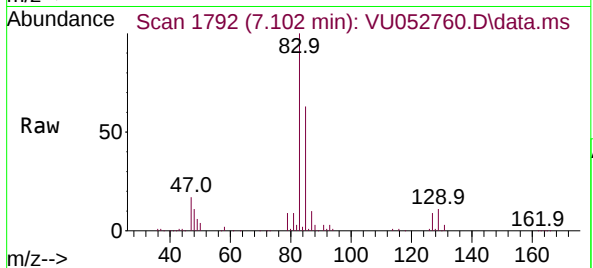




#47
Bromodichloromethane
Concen: 47.896 ug/l
RT: 7.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

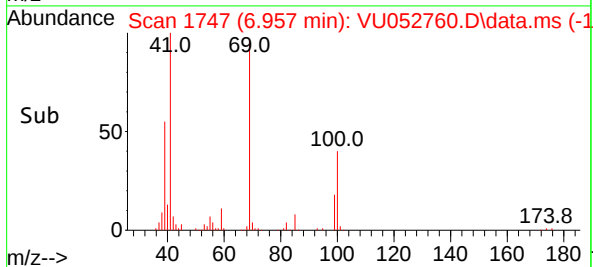
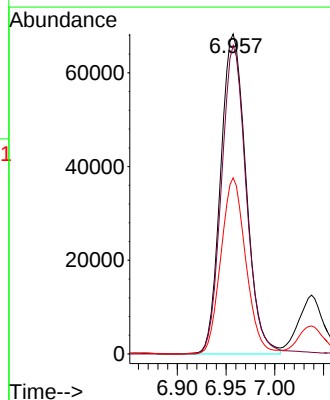
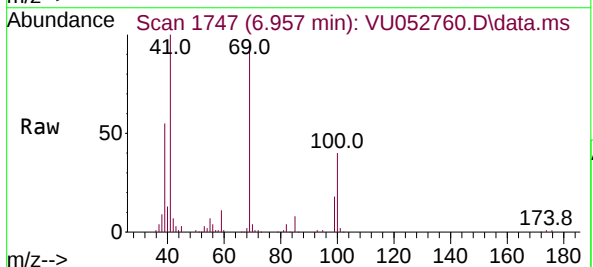
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

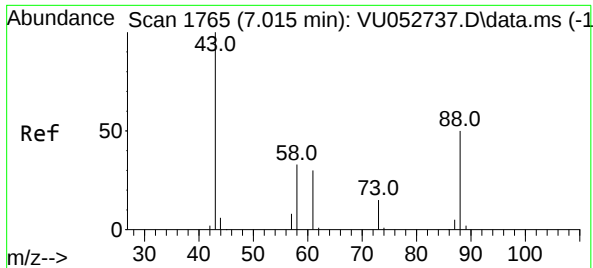
Tgt Ion: 83 Resp: 180273
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 51.507 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 41 Resp: 124026
Ion Ratio Lower Upper
41 100
69 94.8 77.2 115.8
39 53.8 42.9 64.3





#49

1,4-Dioxane

Concen: 1116.514 ug/l

RT: 7.044 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

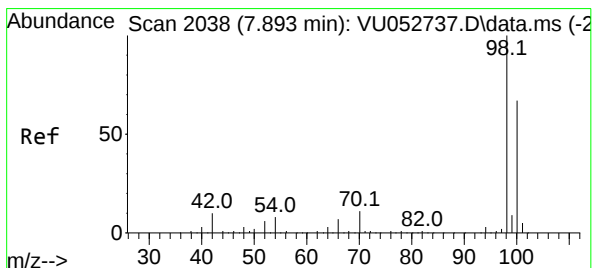
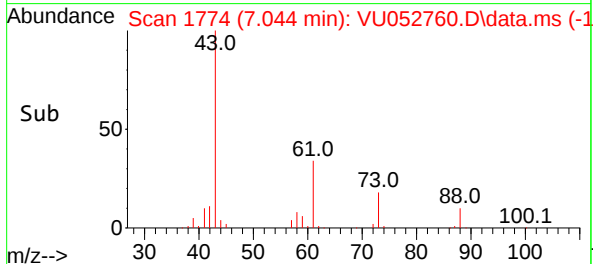
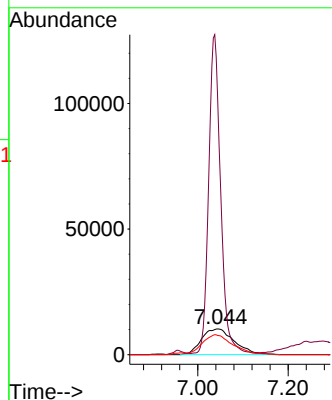
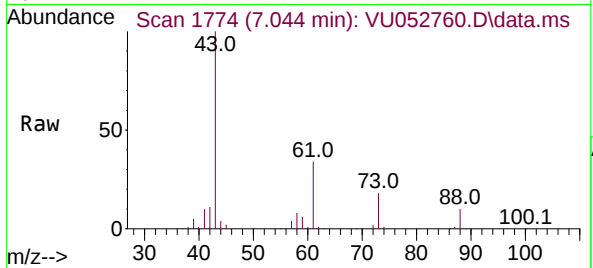
Tgt Ion: 88 Resp: 52094

Ion Ratio Lower Upper

88 100

43 445.6 374.7 562.1

58 71.7 59.2 88.8



#50

Toluene-d8

Concen: 47.364 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.003 min

Lab File: VU052760.D

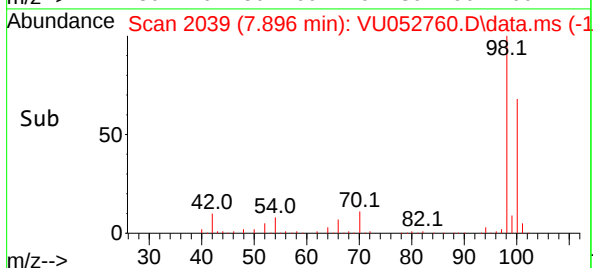
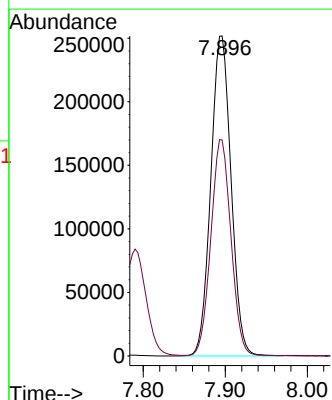
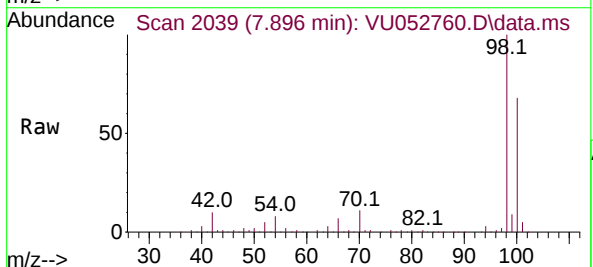
Acq: 20 Jan 2023 14:15

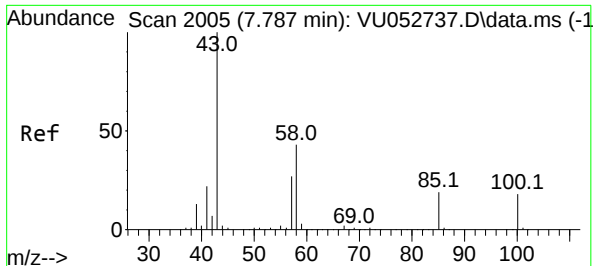
Tgt Ion: 98 Resp: 431725

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5

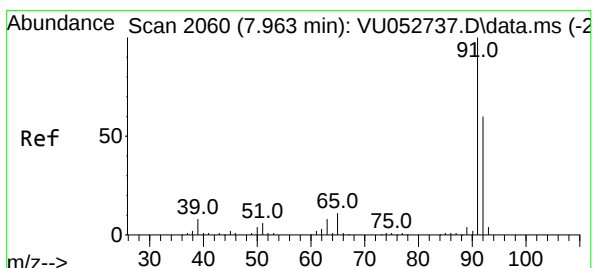
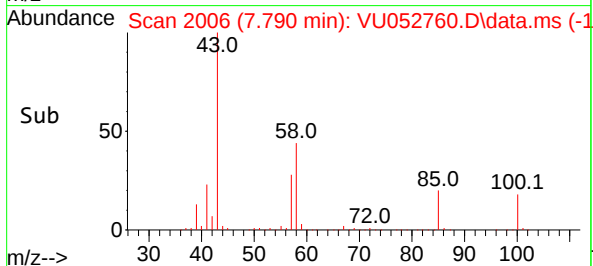
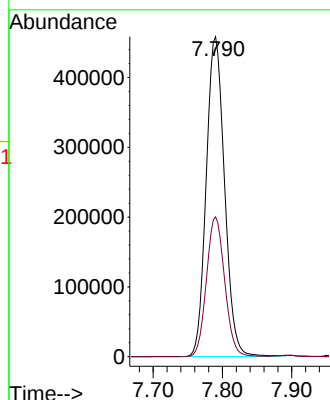
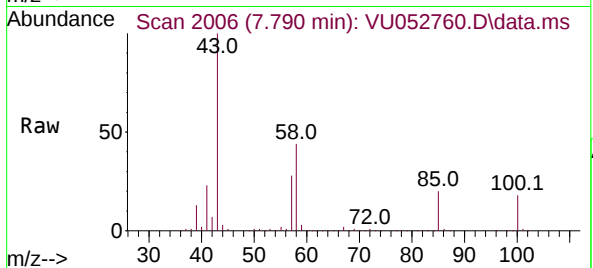




#51
4-Methyl-2-Pentanone
Concen: 245.595 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

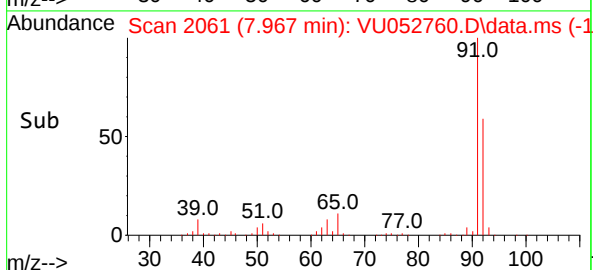
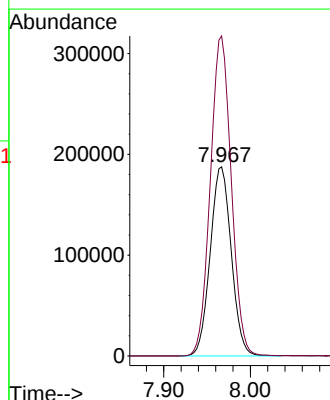
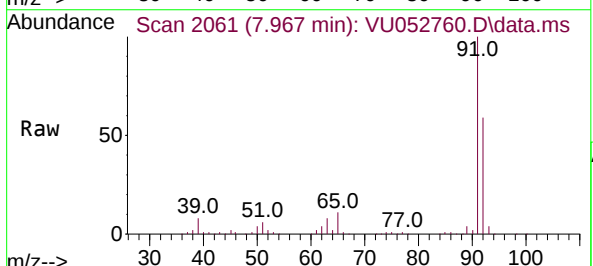
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

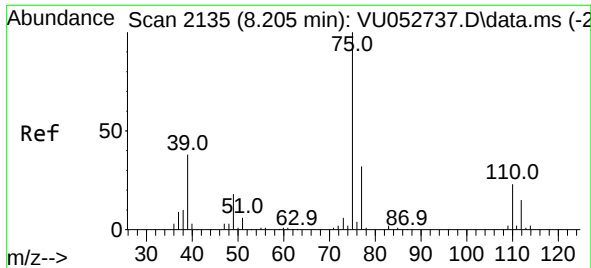
Tgt Ion: 43 Resp: 839925
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 49.742 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 92 Resp: 316782
Ion Ratio Lower Upper
92 100
91 168.4 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 49.967 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

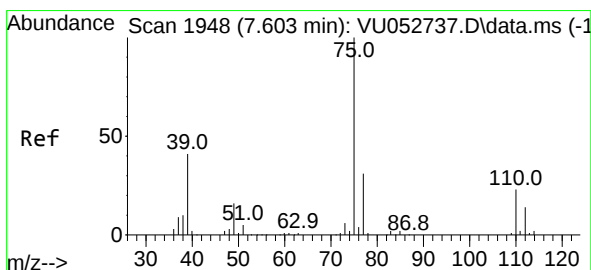
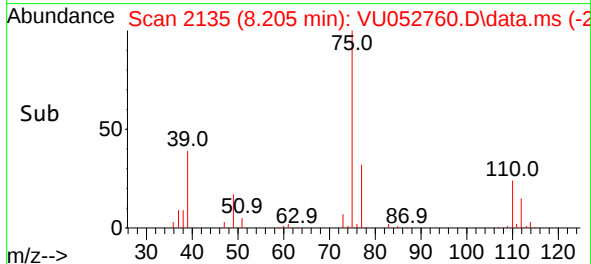
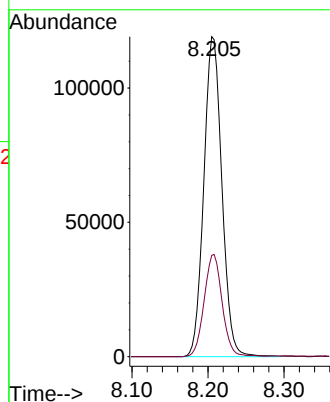
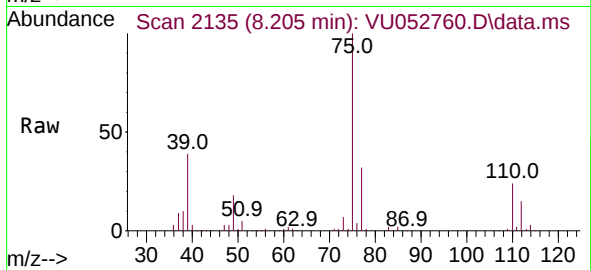
VSTDCCC050EC

Tgt Ion: 75 Resp: 196453

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.872 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

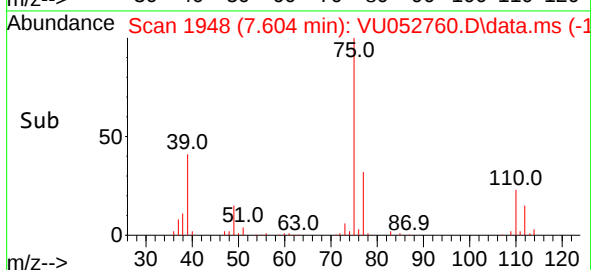
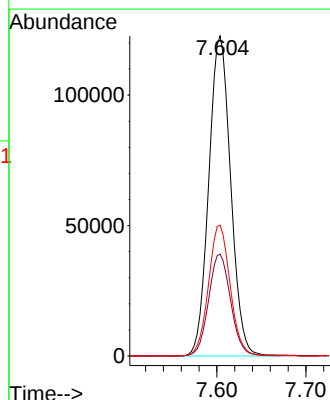
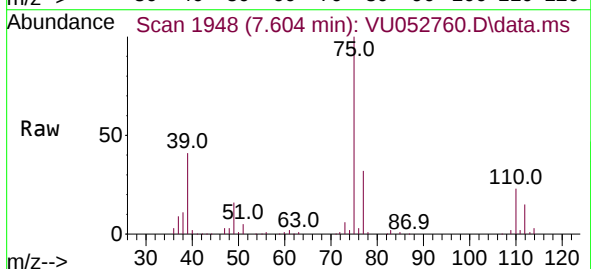
Tgt Ion: 75 Resp: 209126

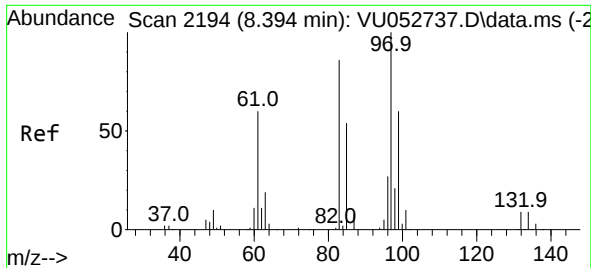
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 40.9 32.9 49.3

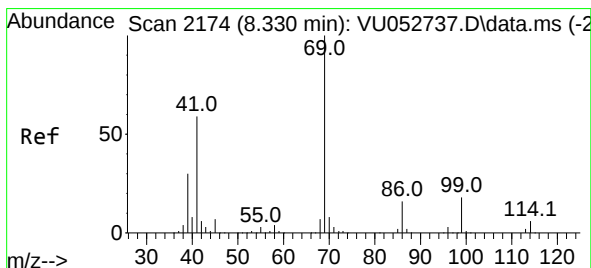
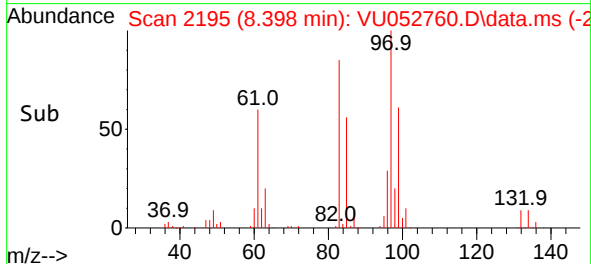
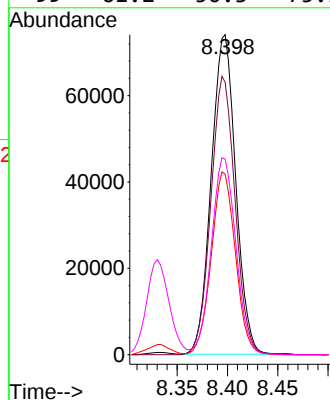
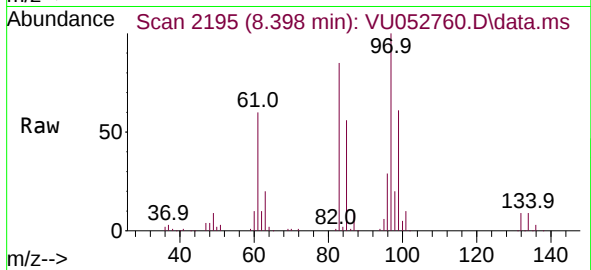




#55
1,1,2-Trichloroethane
Concen: 48.186 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.004 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

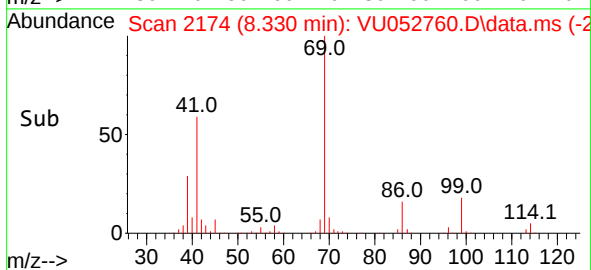
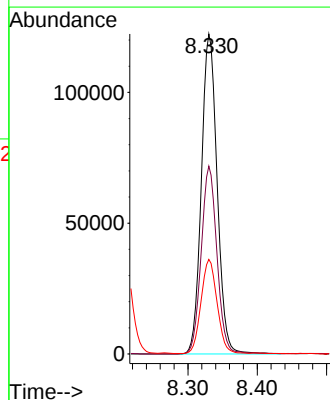
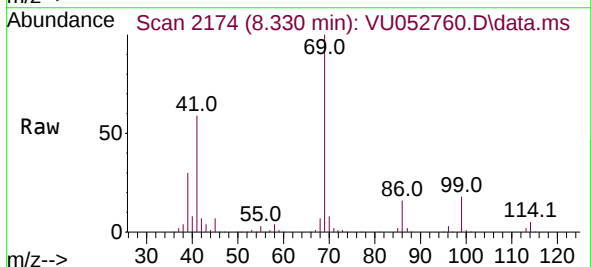
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

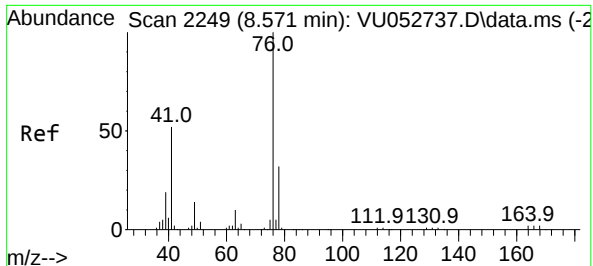
Tgt Ion: 97	Resp: 125261
Ion Ratio	Lower Upper
97 100	
83 85.3	69.2 103.8
85 56.3	43.8 65.8
99 61.2	50.3 75.5



#56
Ethyl methacrylate
Concen: 46.609 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 69	Resp: 193607
Ion Ratio	Lower Upper
69 100	
41 58.6	47.6 71.4
39 29.7	24.3 36.5





#57

1,3-Dichloropropane

Concen: 48.405 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

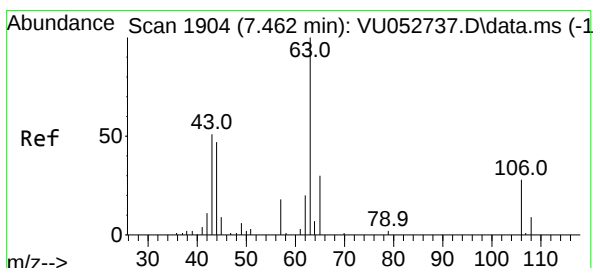
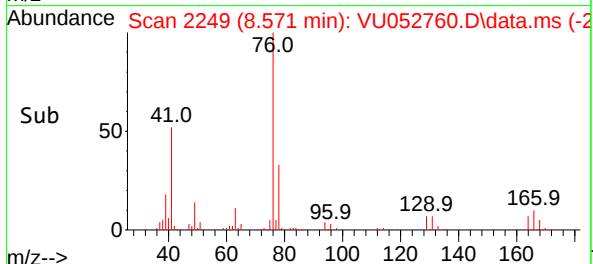
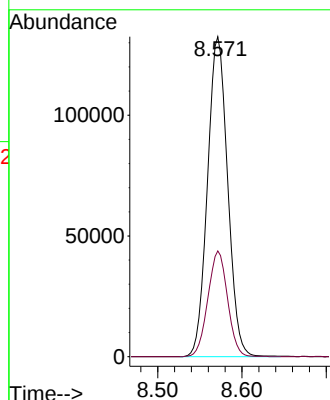
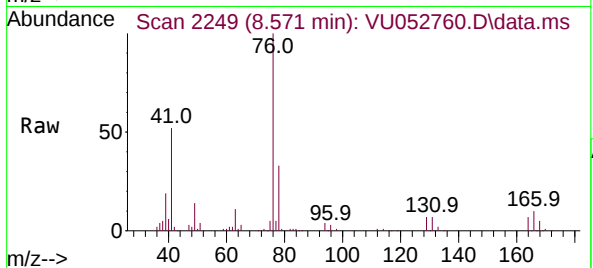
VSTDCCC050EC

Tgt Ion: 76 Resp: 220649

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 204.425 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU052760.D

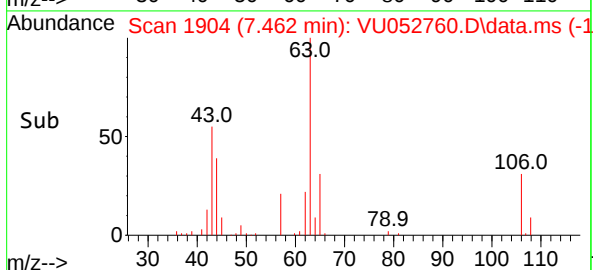
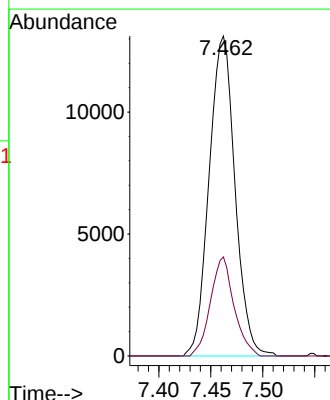
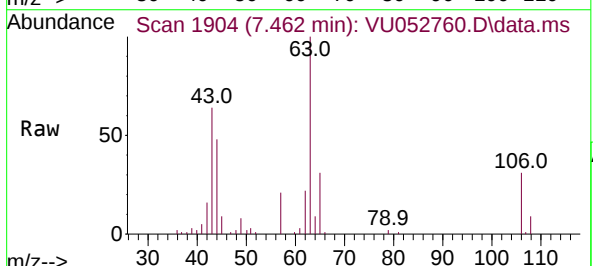
Acq: 20 Jan 2023 14:15

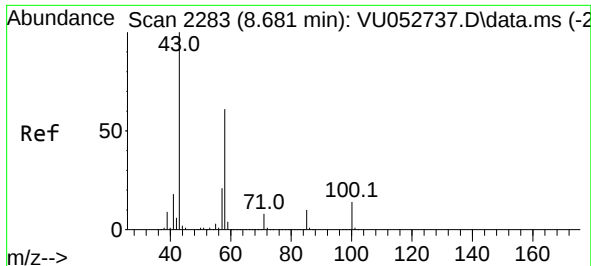
Tgt Ion: 63 Resp: 22720

Ion Ratio Lower Upper

63 100

106 28.1 23.2 34.8





#59

2-Hexanone

Concen: 252.121 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

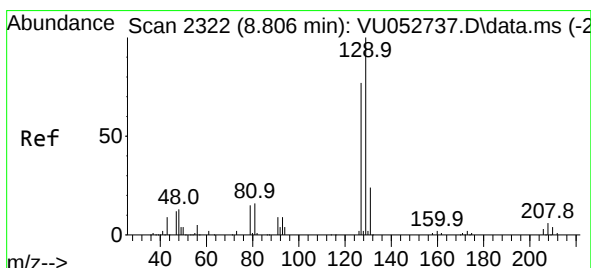
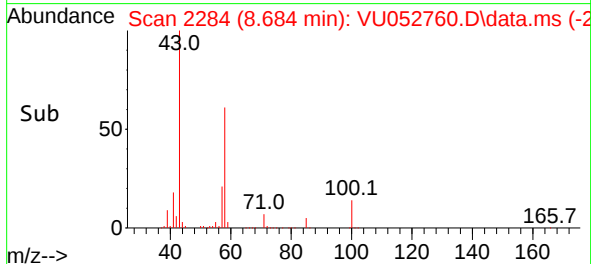
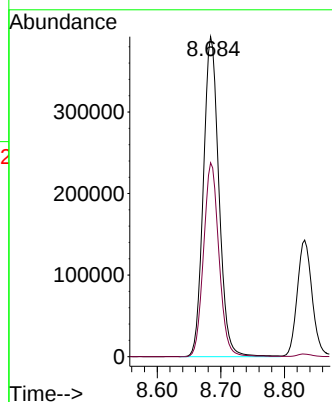
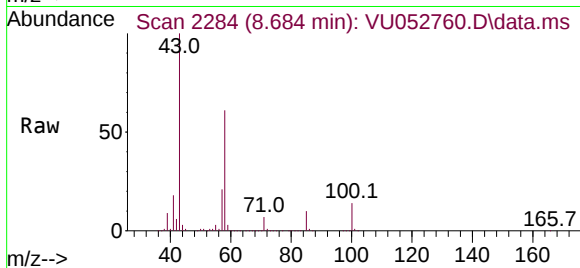
VSTDCCC050EC

Tgt Ion: 43 Resp: 664238

Ion Ratio Lower Upper

43 100

58 60.2 29.8 89.5



#60

Dibromochloromethane

Concen: 48.988 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052760.D

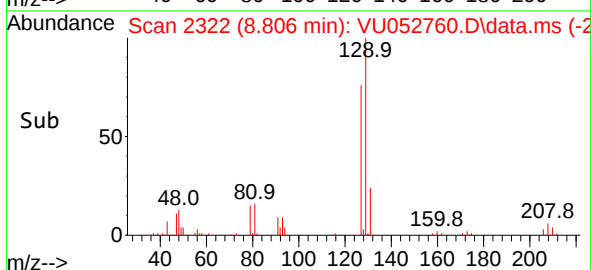
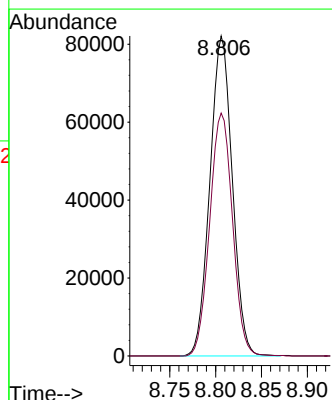
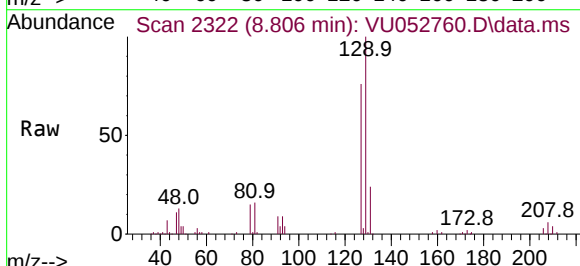
Acq: 20 Jan 2023 14:15

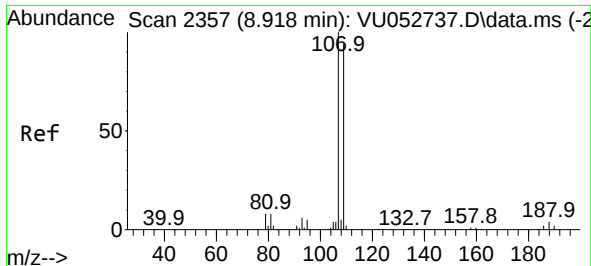
Tgt Ion:129 Resp: 139847

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.2

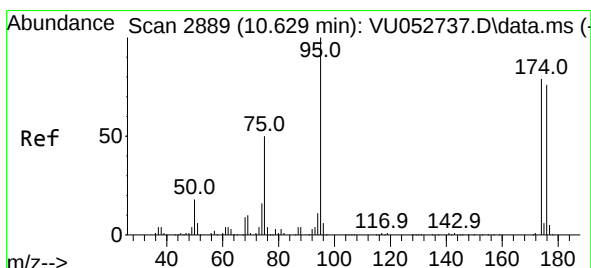
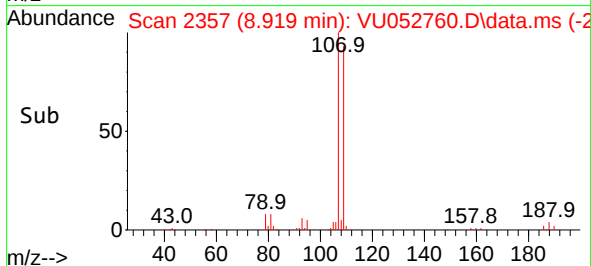
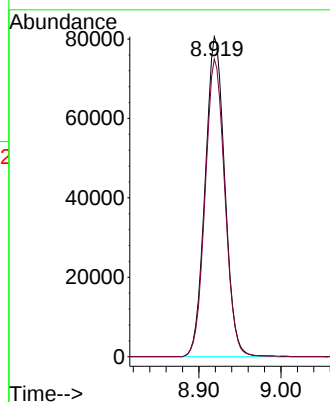
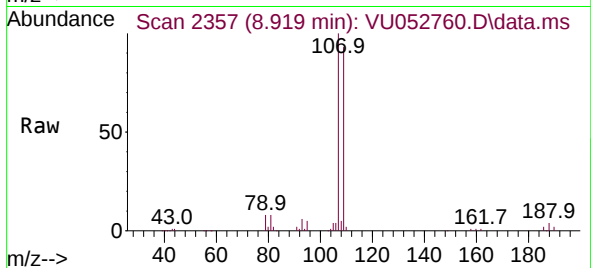




#61
1,2-Dibromoethane
Concen: 49.228 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

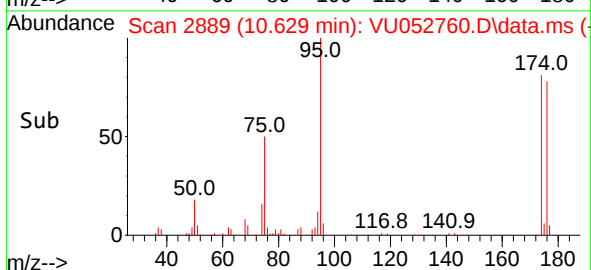
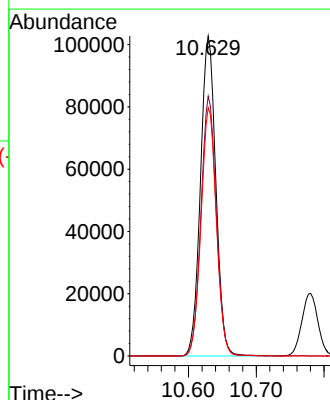
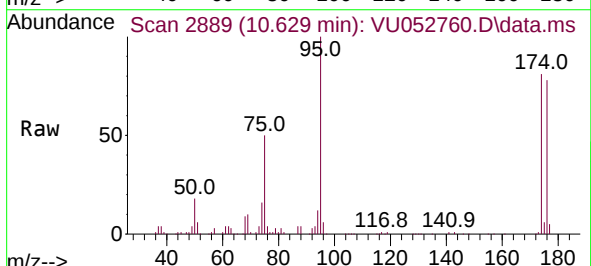
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

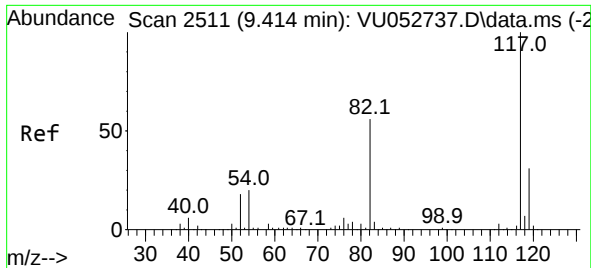
Tgt Ion:107 Resp: 134349
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.511 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 95 Resp: 161528
Ion Ratio Lower Upper
95 100
174 80.9 0.0 158.6
176 77.4 0.0 150.6

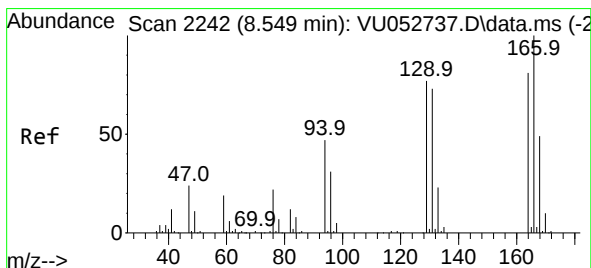
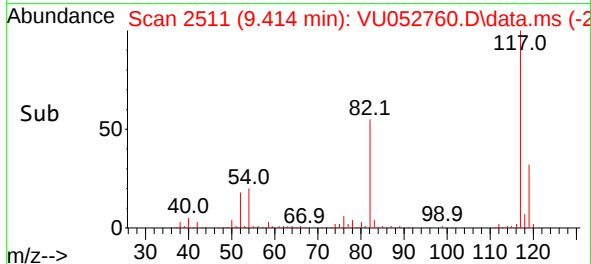
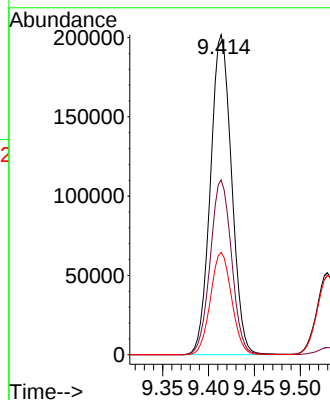
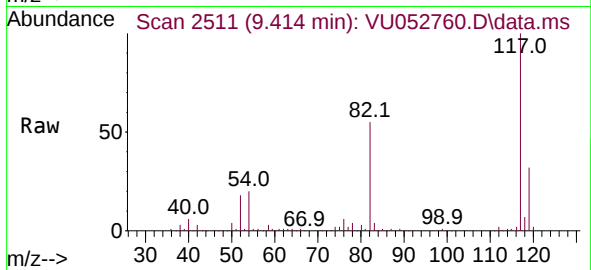




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

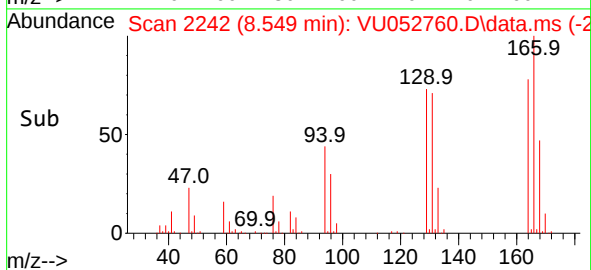
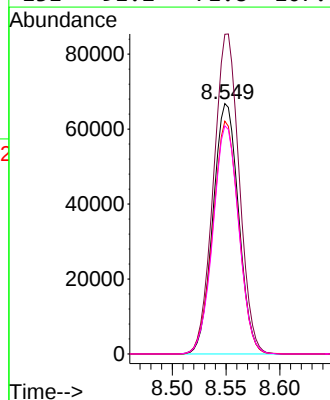
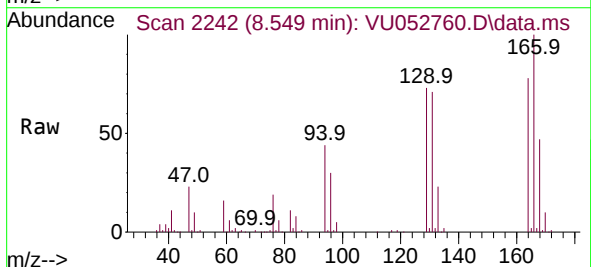
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

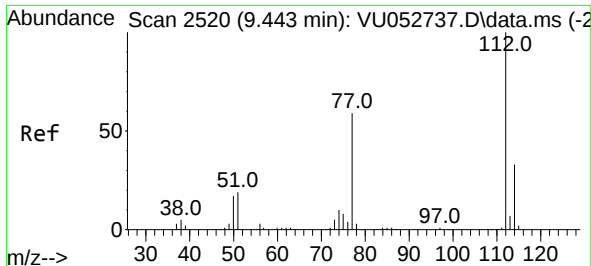
Tgt Ion:117 Resp: 323639
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 49.295 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion:164 Resp: 110836
Ion Ratio Lower Upper
164 100
166 127.7 98.9 148.3
129 93.0 76.0 114.0
131 91.2 71.8 107.6

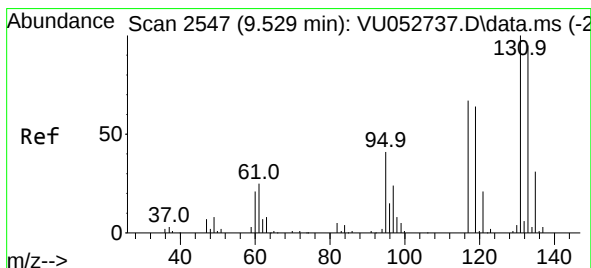
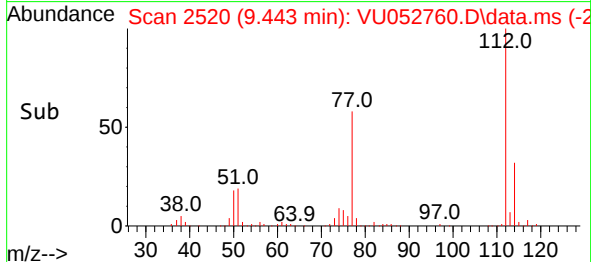
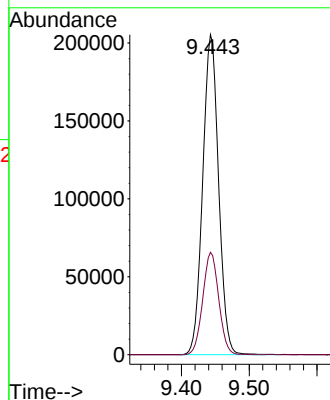
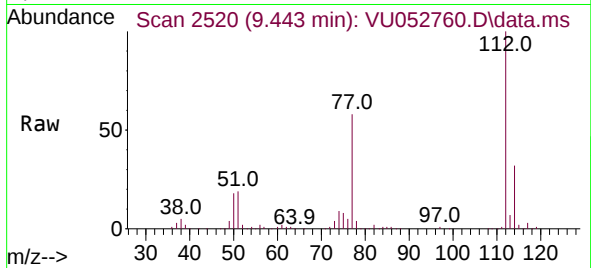




#65
Chlorobenzene
Concen: 48.824 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

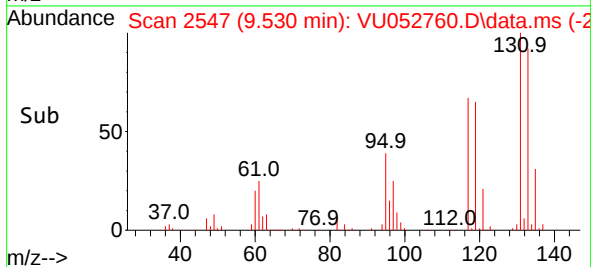
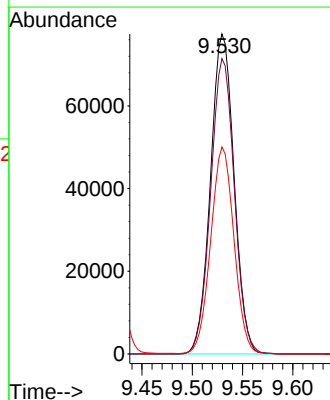
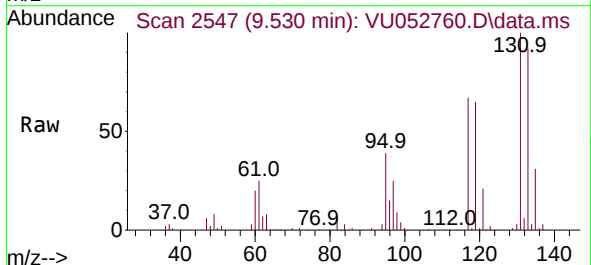
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

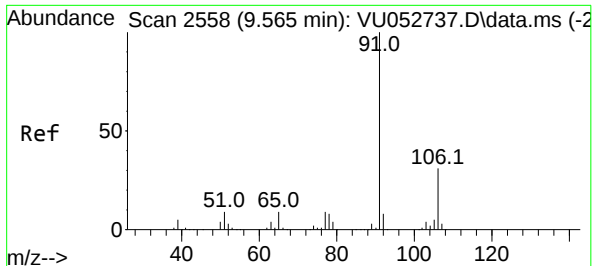
Tgt Ion:112 Resp: 334362
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.176 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion:131 Resp: 126247
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.0
119 64.1 32.1 96.3





#67

Ethyl Benzene

Concen: 51.533 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

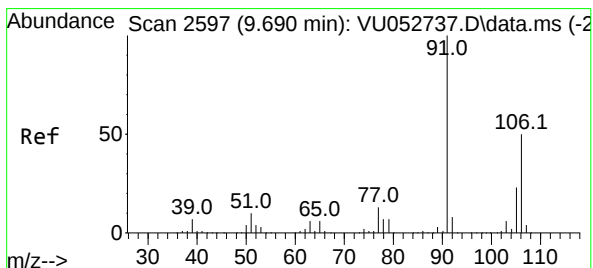
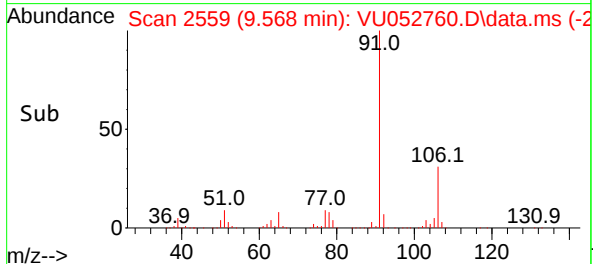
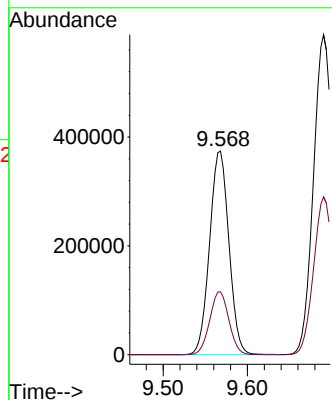
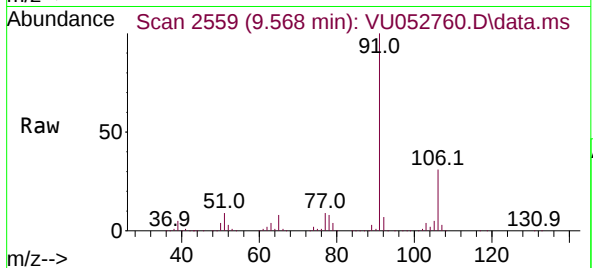
VSTDCCC050EC

Tgt Ion: 91 Resp: 596404

Ion Ratio Lower Upper

91 100

106 30.9 24.6 37.0



#68

m/p-Xylenes

Concen: 106.041 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052760.D

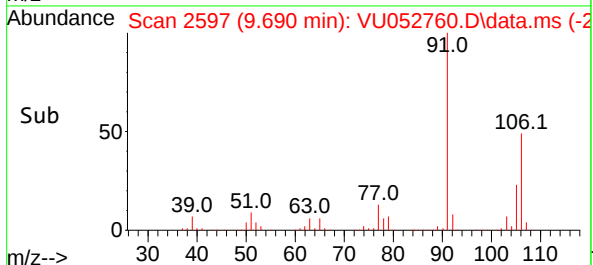
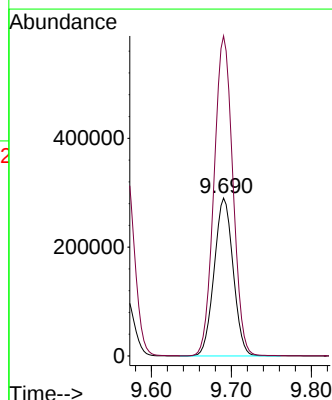
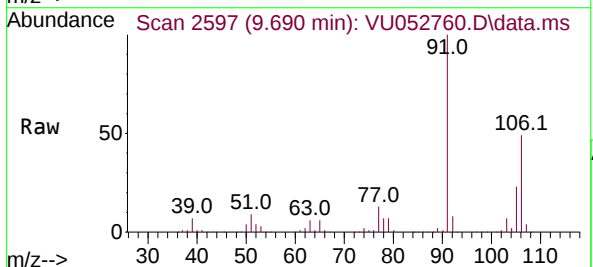
Acq: 20 Jan 2023 14:15

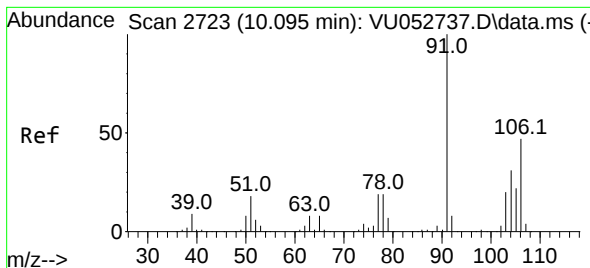
Tgt Ion: 106 Resp: 476629

Ion Ratio Lower Upper

106 100

91 201.2 160.8 241.2





#69

o-Xylene

Concen: 53.135 ug/l

RT: 10.095 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

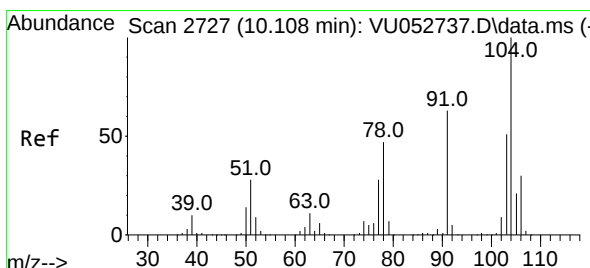
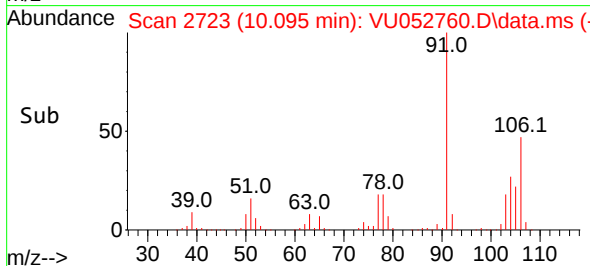
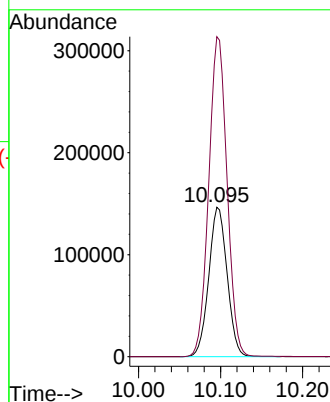
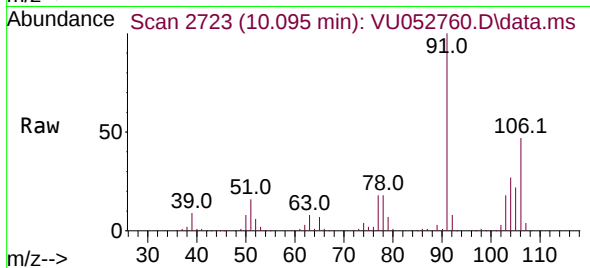
VSTDCCC050EC

Tgt Ion:106 Resp: 227998

Ion Ratio Lower Upper

106 100

91 214.1 107.9 323.7



#70

Styrene

Concen: 49.606 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

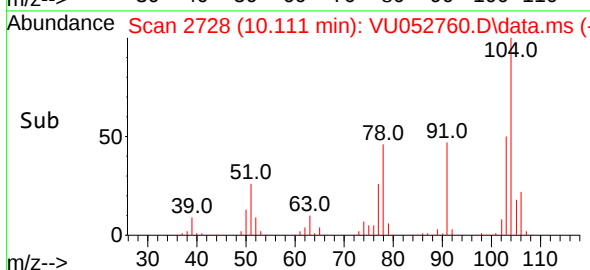
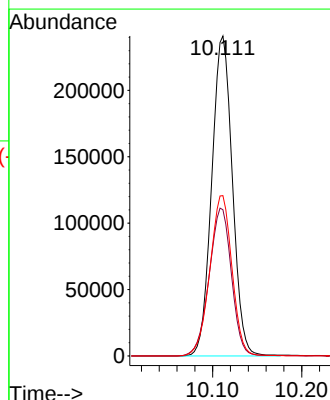
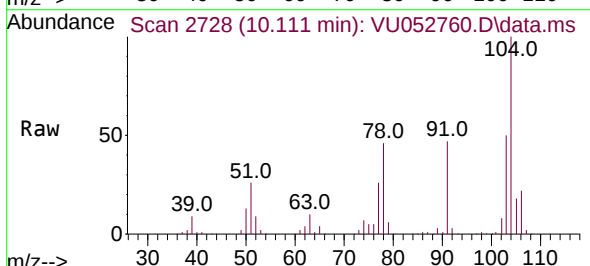
Tgt Ion:104 Resp: 388447

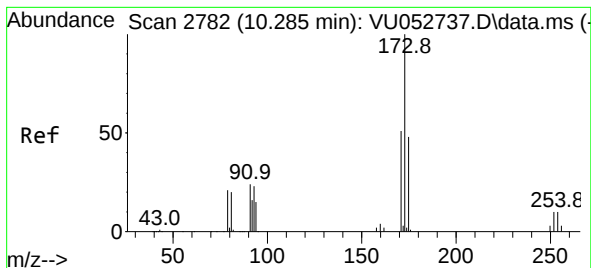
Ion Ratio Lower Upper

104 100

78 49.9 39.9 59.9

103 53.7 43.4 65.2





#71

Bromoform

Concen: 49.672 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

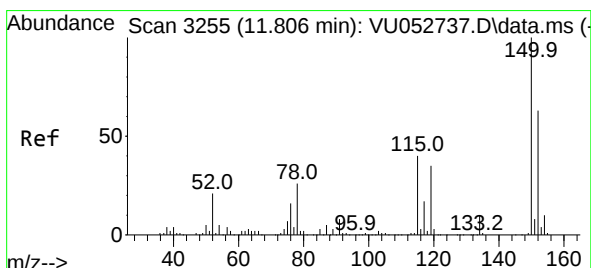
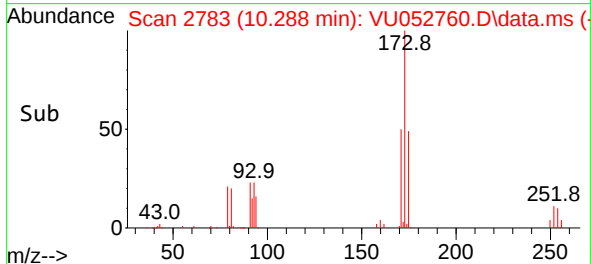
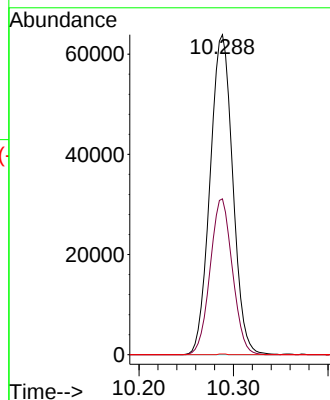
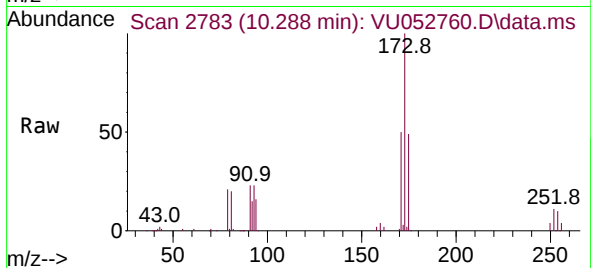
Tgt Ion:173 Resp: 106500

Ion Ratio Lower Upper

173 100

175 47.8 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: VU052760.D

Acq: 20 Jan 2023 14:15

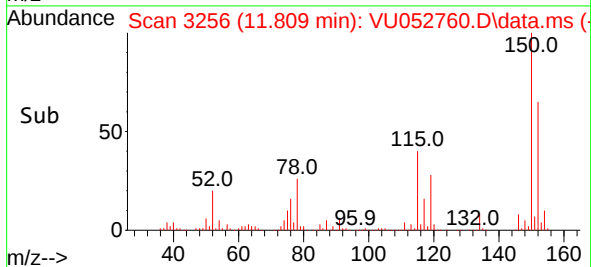
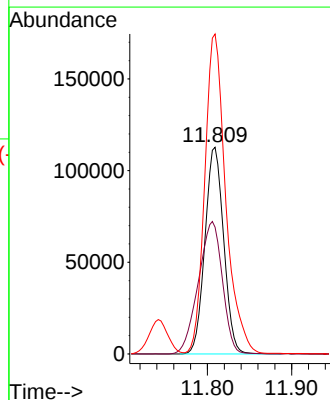
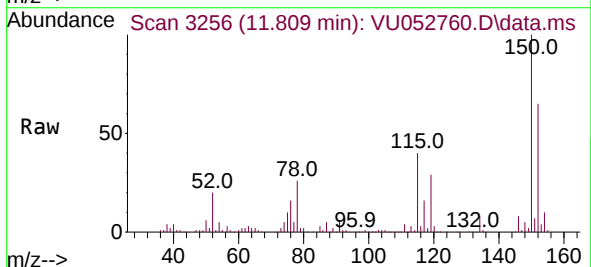
Tgt Ion:152 Resp: 175205

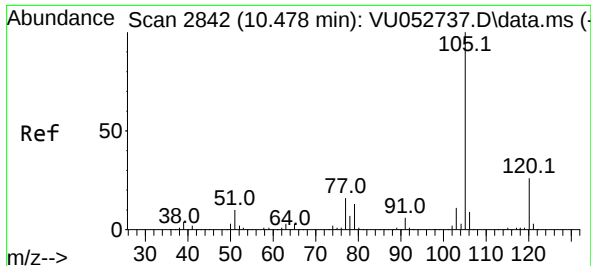
Ion Ratio Lower Upper

152 100

115 81.6 41.7 125.1

150 172.1 0.0 349.2

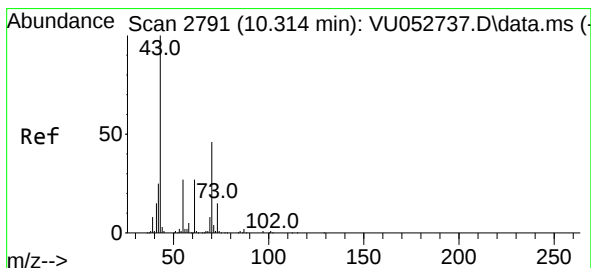
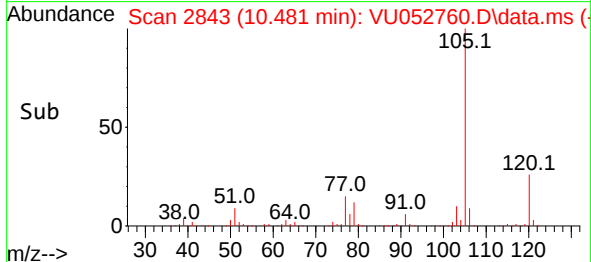
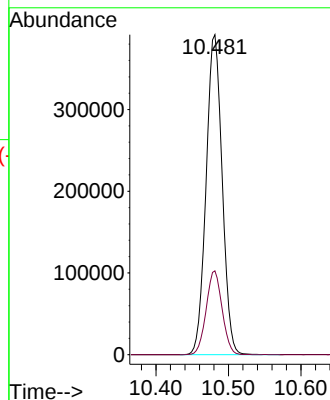
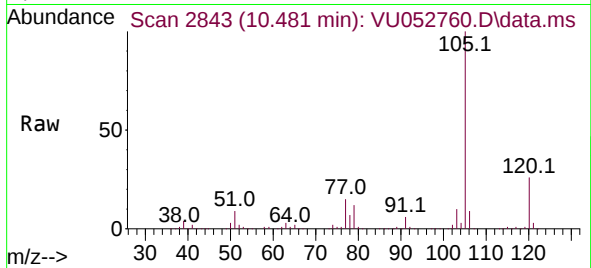




#73
Isopropylbenzene
Concen: 52.130 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

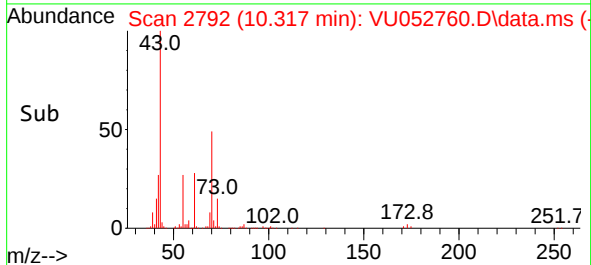
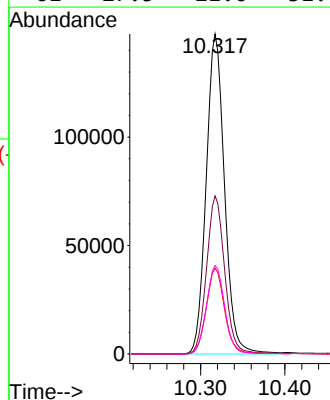
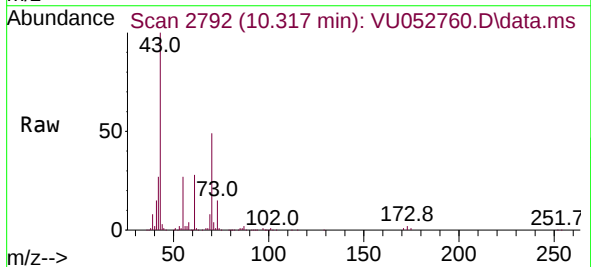
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

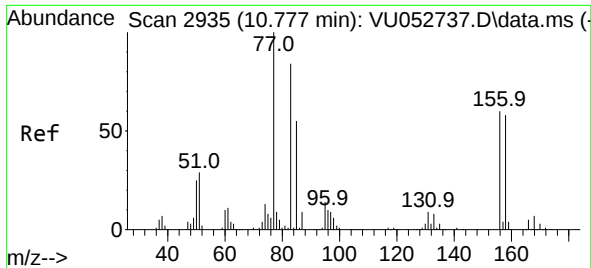
Tgt Ion:105 Resp: 601701
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 50.779 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 43 Resp: 223285
Ion Ratio Lower Upper
43 100
70 49.0 37.9 56.9
55 26.9 21.9 32.9
61 27.5 21.0 31.6

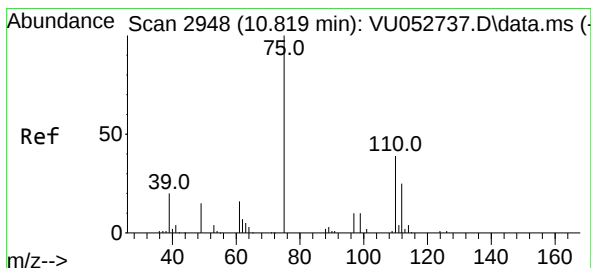
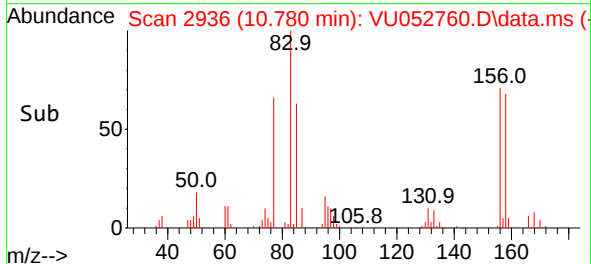
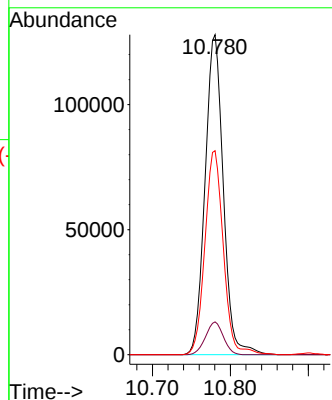
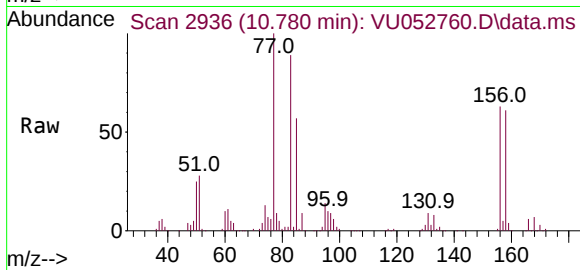




#75
1,1,2,2-Tetrachloroethane
Concen: 45.398 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

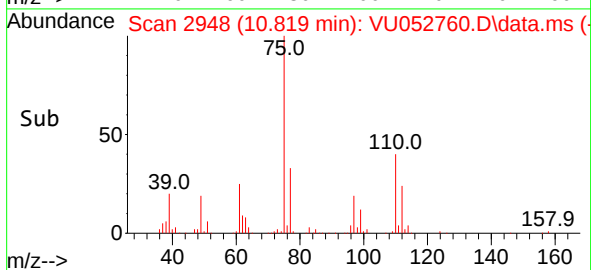
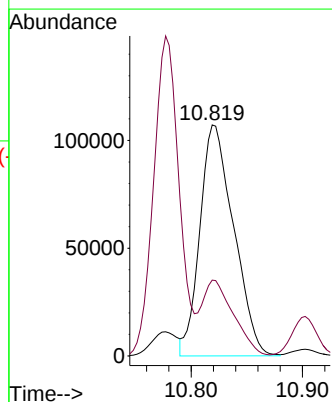
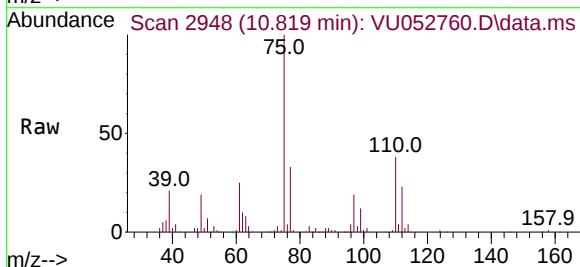
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

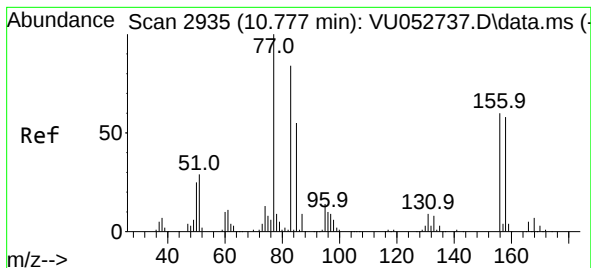
Tgt Ion: 83 Resp: 207603
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 47.258 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 75 Resp: 225952
Ion Ratio Lower Upper
75 100
77 29.4 15.0 45.1





#77

Bromobenzene

Concen: 49.170 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

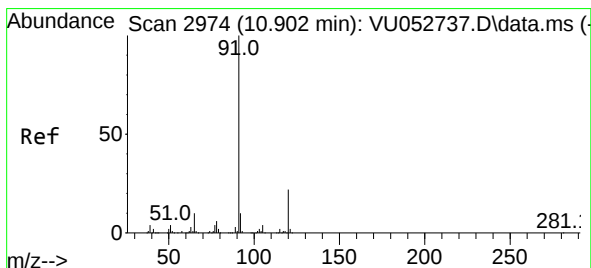
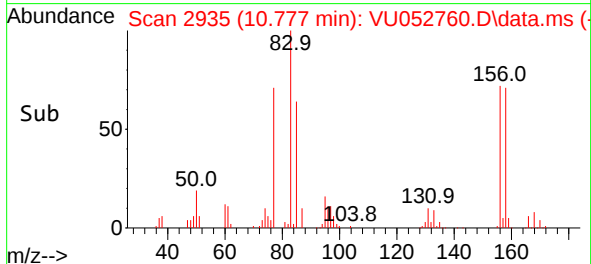
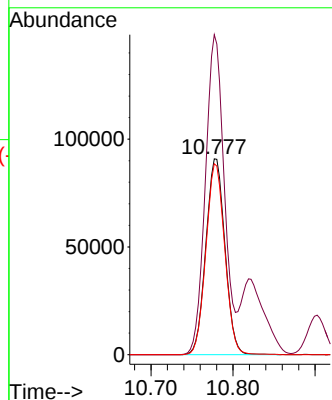
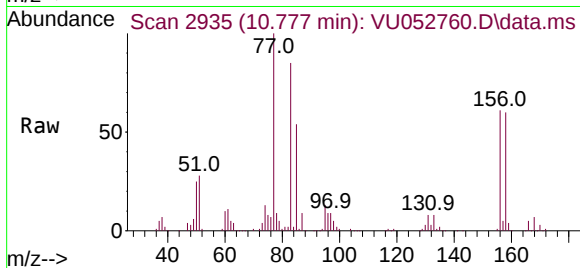
Tgt Ion:156 Resp: 146779

Ion Ratio Lower Upper

156 100

77 160.4 83.8 251.4

158 96.3 48.7 146.1



#78

n-propylbenzene

Concen: 53.210 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. 0.000 min

Lab File: VU052760.D

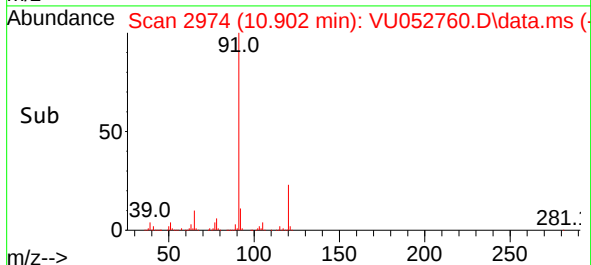
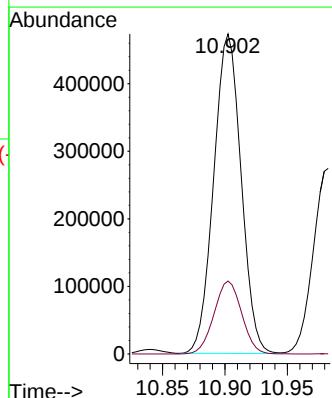
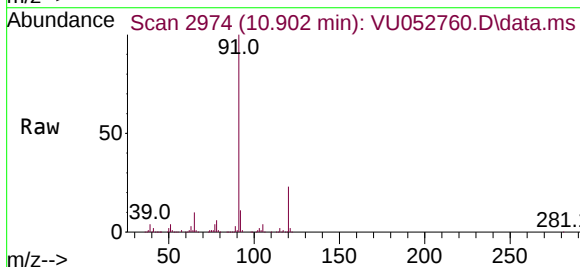
Acq: 20 Jan 2023 14:15

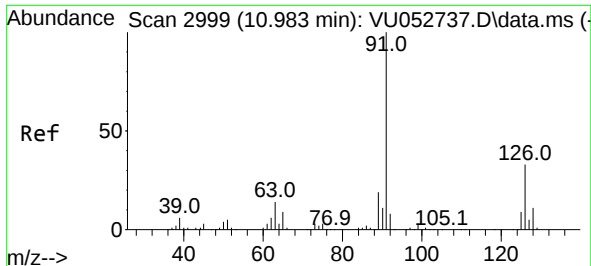
Tgt Ion: 91 Resp: 722311

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8

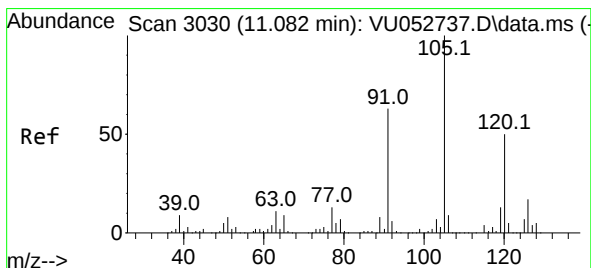
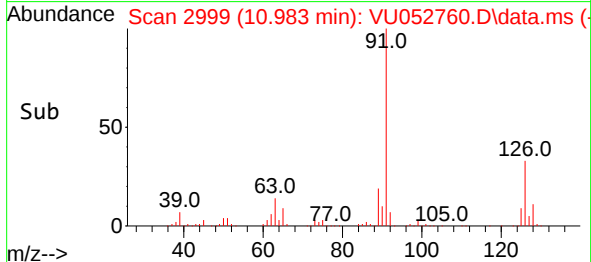
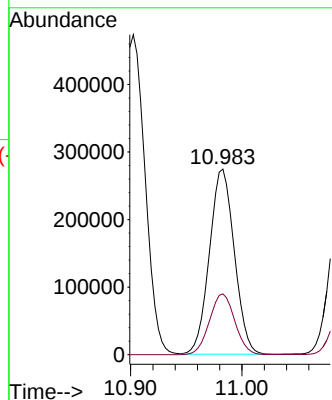
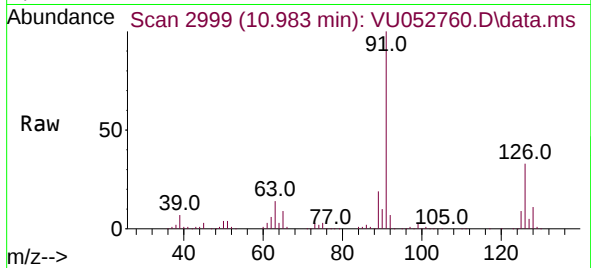




#79
2-Chlorotoluene
Concen: 50.793 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

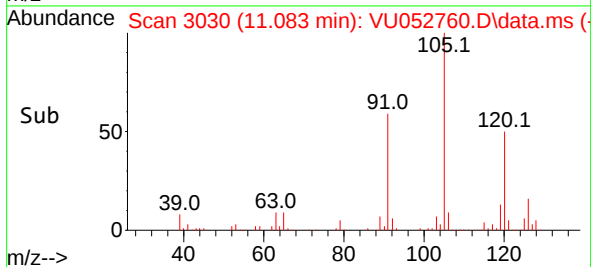
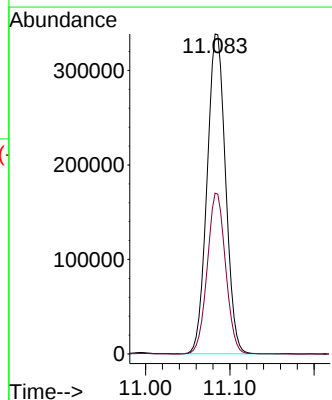
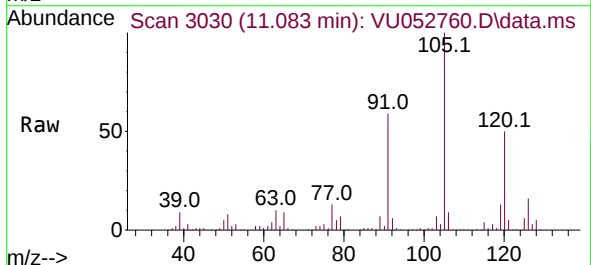
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

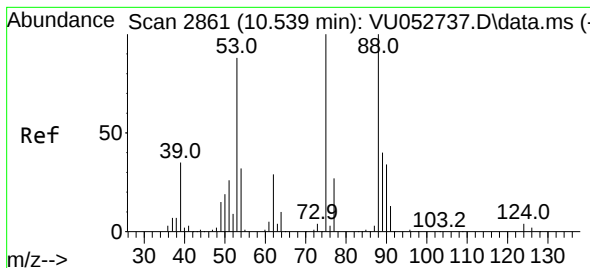
Tgt Ion: 91 Resp: 426074
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 53.873 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 105 Resp: 516568
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

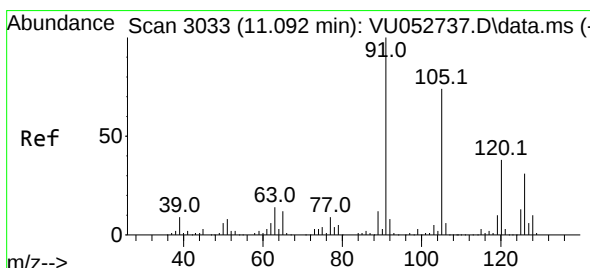
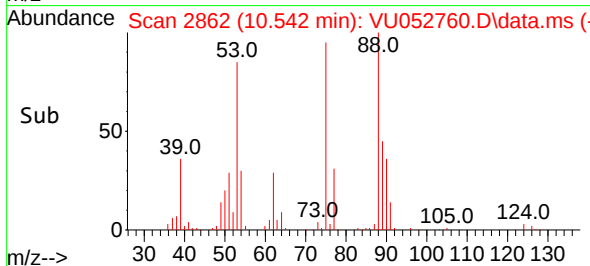
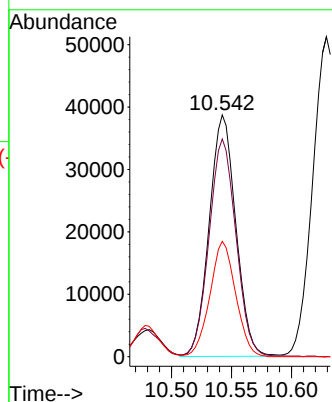
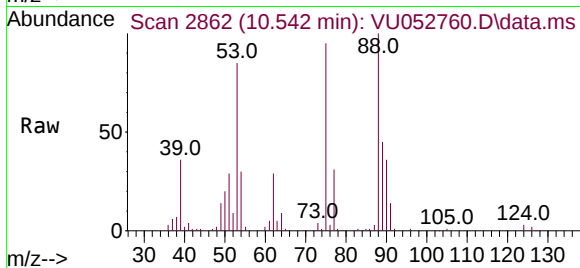




#81
trans-1,4-Dichloro-2-butene
Concen: 48.432 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

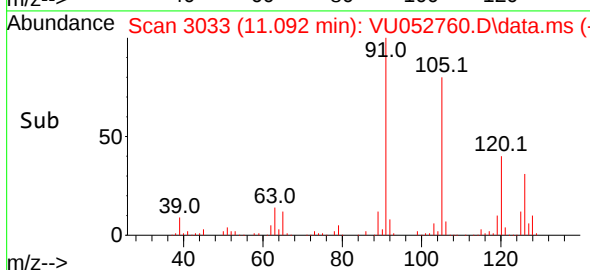
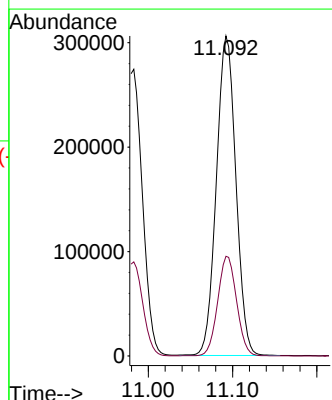
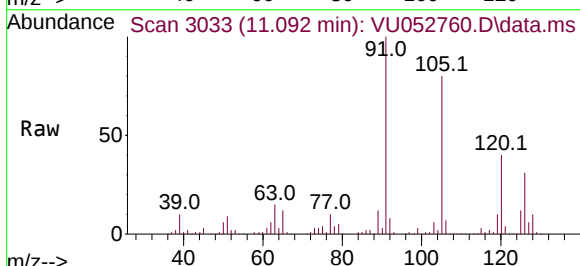
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

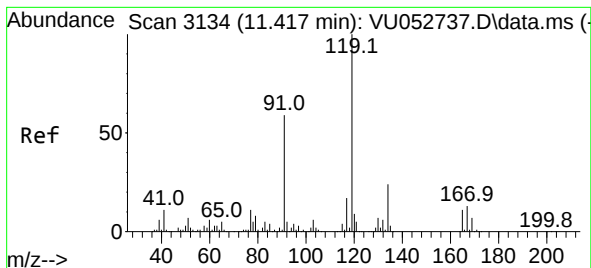
Tgt Ion: 75 Resp: 59592
Ion Ratio Lower Upper
75 100
53 91.7 72.4 108.6
89 46.4 35.0 52.4



#82
4-Chlorotoluene
Concen: 51.429 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052760.D
Acq: 20 Jan 2023 14:15

Tgt Ion: 91 Resp: 491721
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.7





#83

tert-Butylbenzene

Concen: 52.112 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

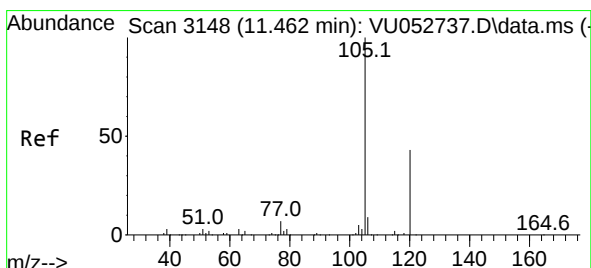
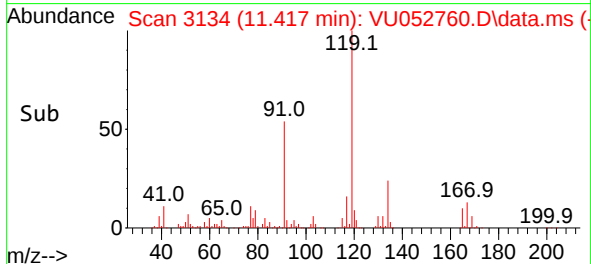
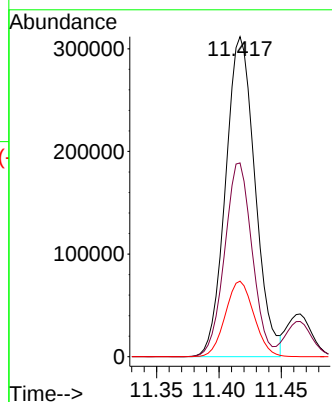
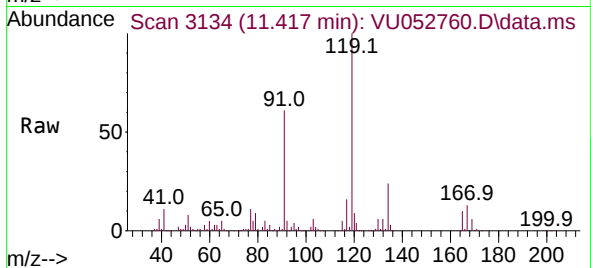
Tgt Ion:119 Resp: 512870

Ion Ratio Lower Upper

119 100

91 56.4 28.4 85.2

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 53.605 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052760.D

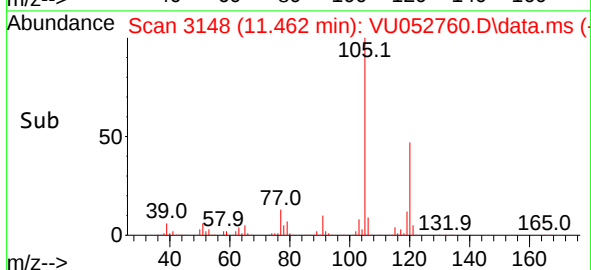
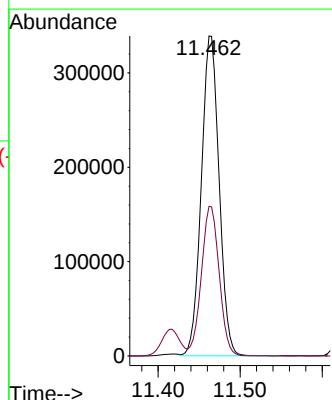
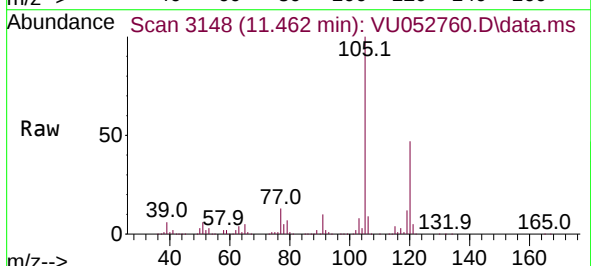
Acq: 20 Jan 2023 14:15

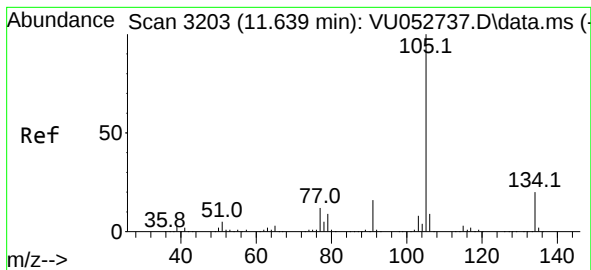
Tgt Ion:105 Resp: 510175

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 54.348 ug/l

RT: 11.639 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

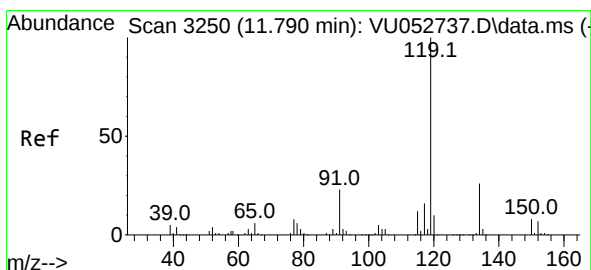
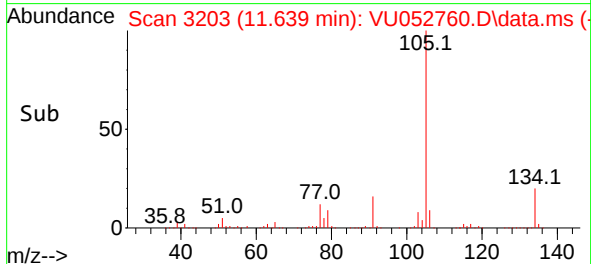
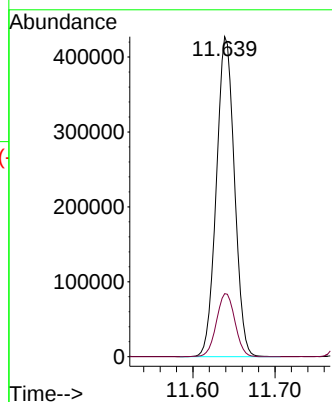
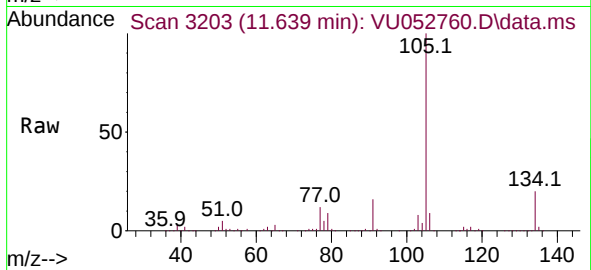
VSTDCCC050EC

Tgt Ion:105 Resp: 654740

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 53.982 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

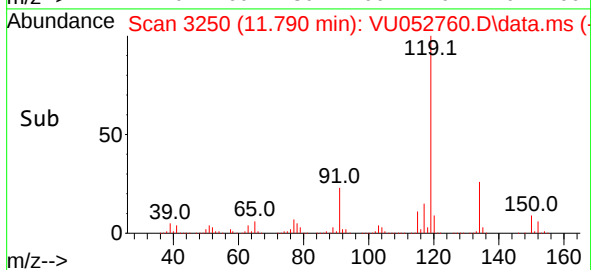
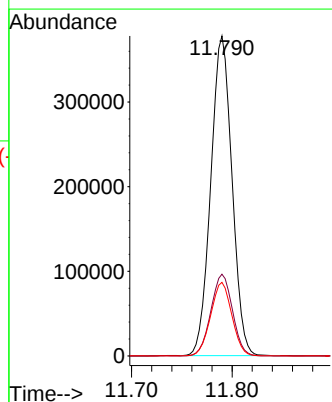
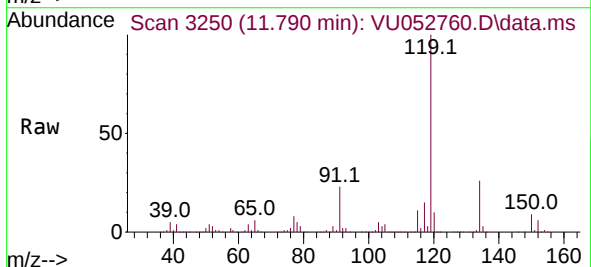
Tgt Ion:119 Resp: 552998

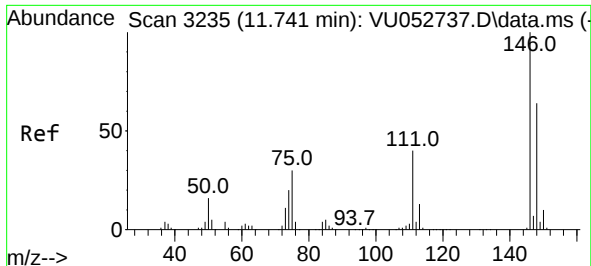
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 49.507 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.001 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

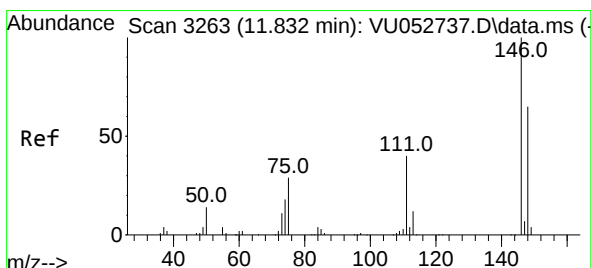
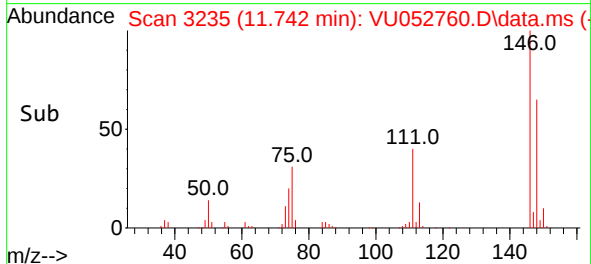
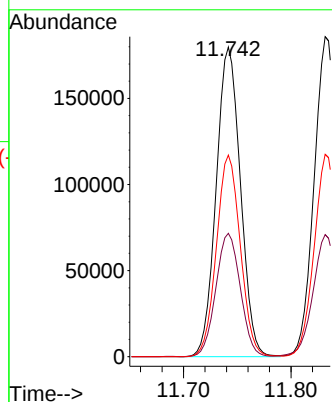
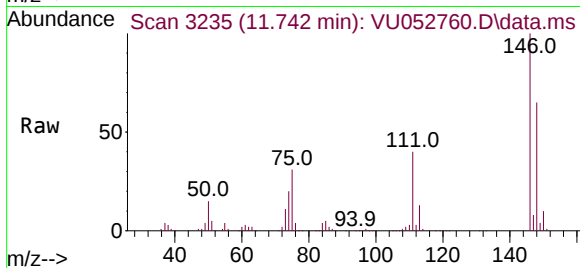
Tgt Ion:146 Resp: 281714

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

148 64.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.017 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

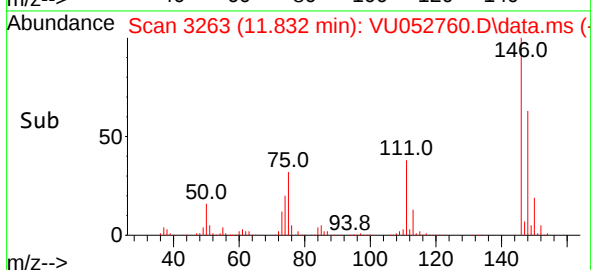
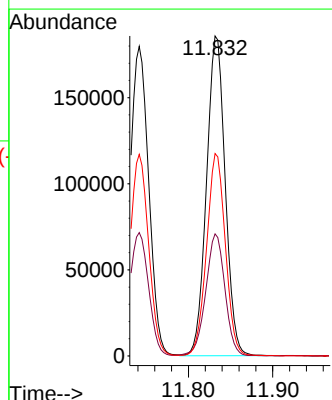
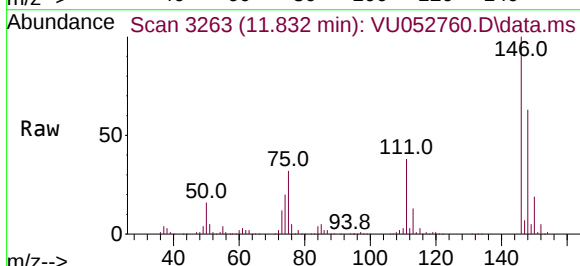
Tgt Ion:146 Resp: 286789

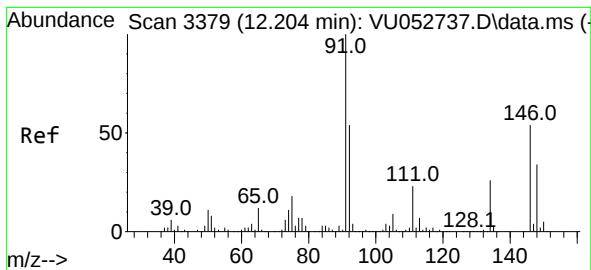
Ion Ratio Lower Upper

146 100

111 39.2 20.3 61.0

148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 47.573 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.001 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

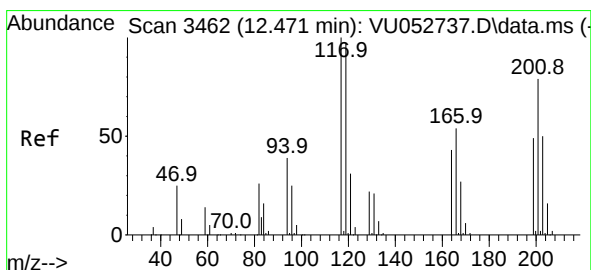
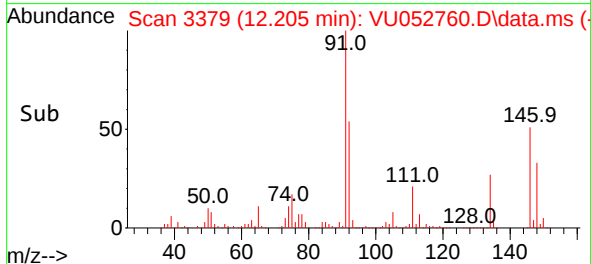
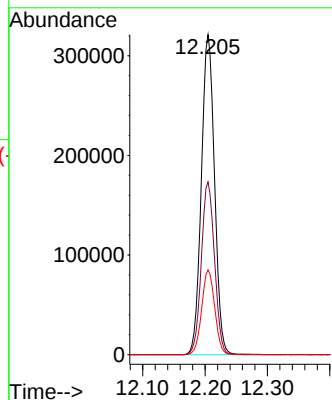
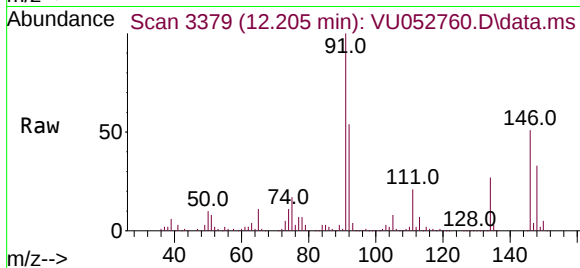
Tgt Ion: 91 Resp: 472669

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.3

134 26.2 13.1 39.3



#90

Hexachloroethane

Concen: 46.429 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052760.D

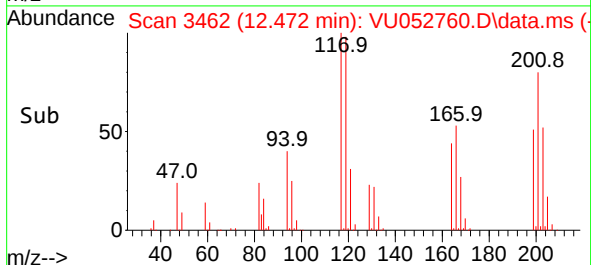
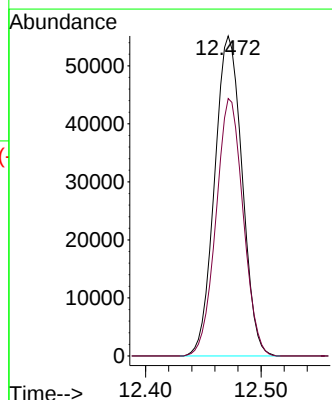
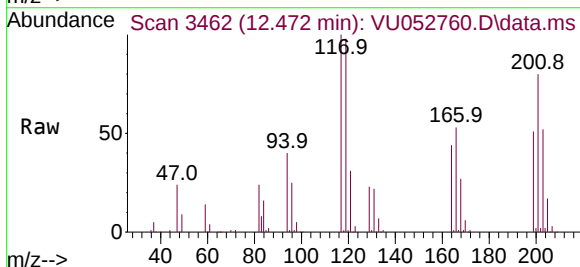
Acq: 20 Jan 2023 14:15

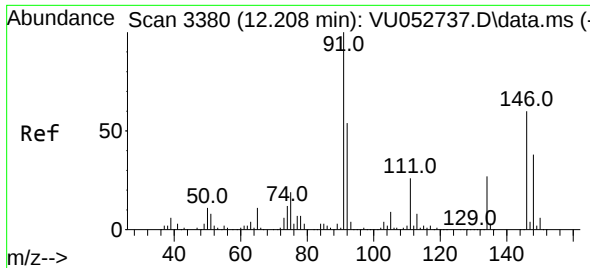
Tgt Ion: 117 Resp: 91249

Ion Ratio Lower Upper

117 100

201 79.4 39.3 117.9

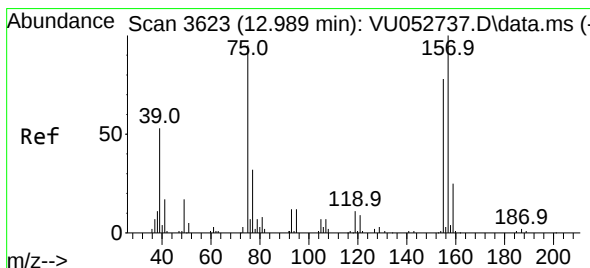
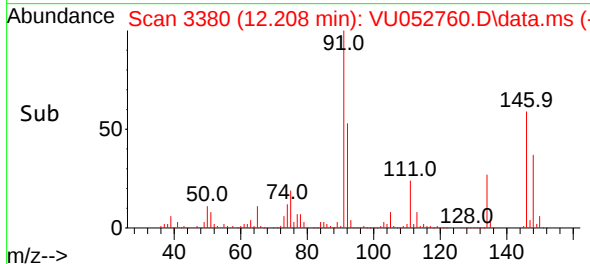
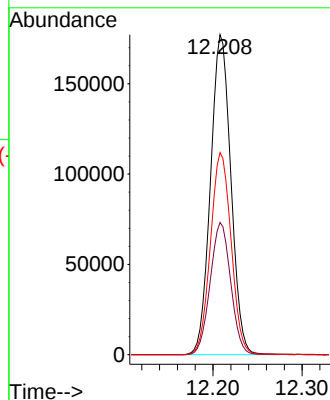
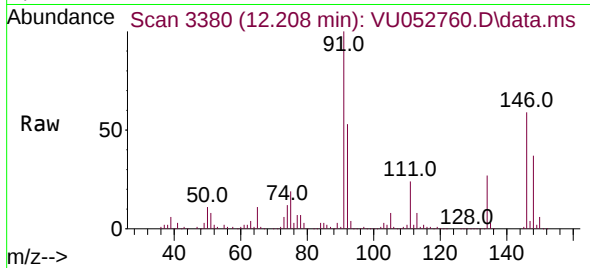




#91
 1,2-Dichlorobenzene
 Concen: 48.957 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

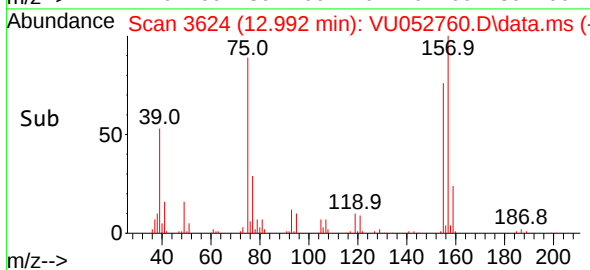
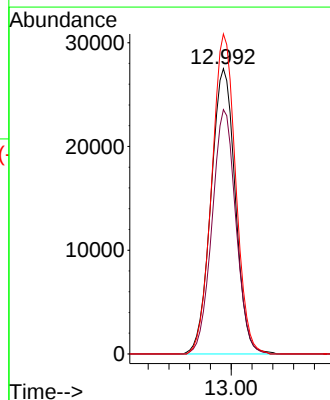
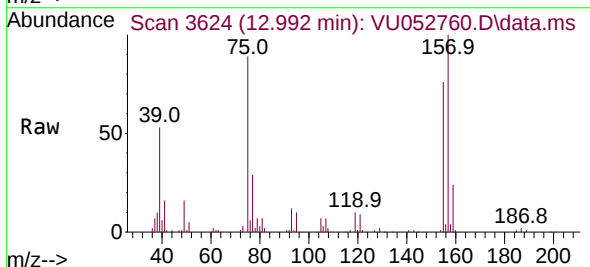
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

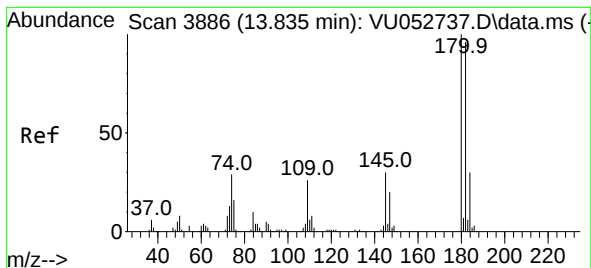
Tgt Ion:146 Resp: 280938
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 64.1 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.133 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.003 min
 Lab File: VU052760.D
 Acq: 20 Jan 2023 14:15

Tgt Ion: 75 Resp: 44723
 Ion Ratio Lower Upper
 75 100
 155 83.6 41.4 124.4
 157 109.8 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 53.298 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

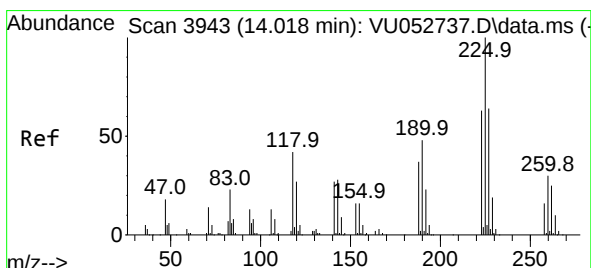
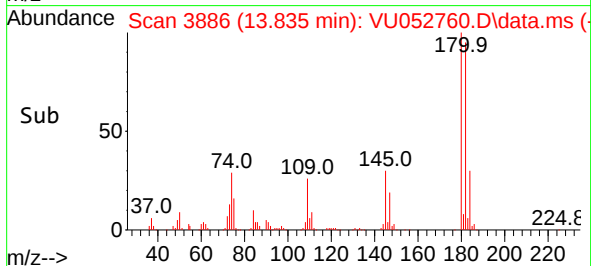
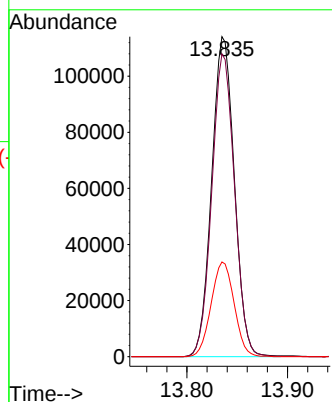
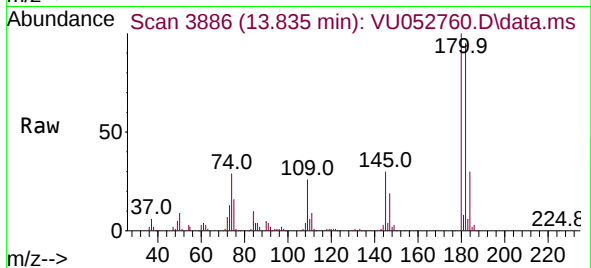
Tgt Ion:180 Resp: 178626

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 30.0 14.9 44.5



#94

Hexachlorobutadiene

Concen: 50.192 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

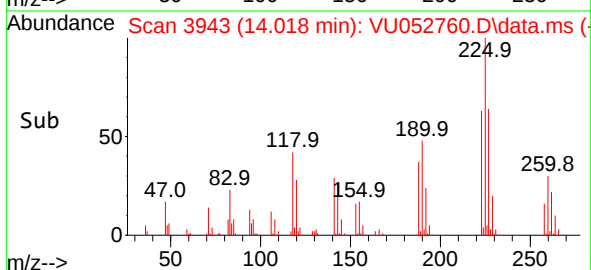
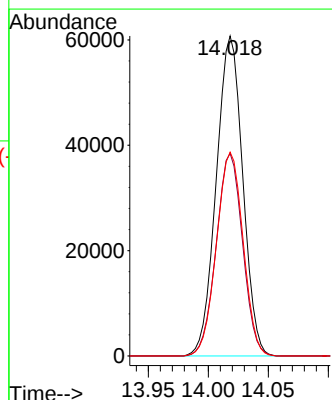
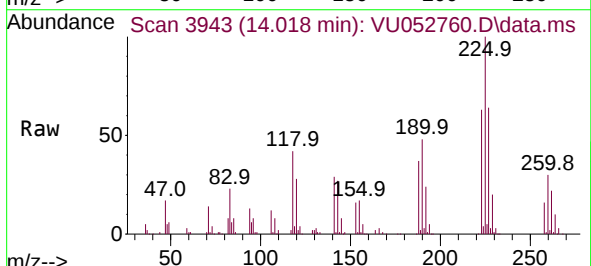
Tgt Ion:225 Resp: 93241

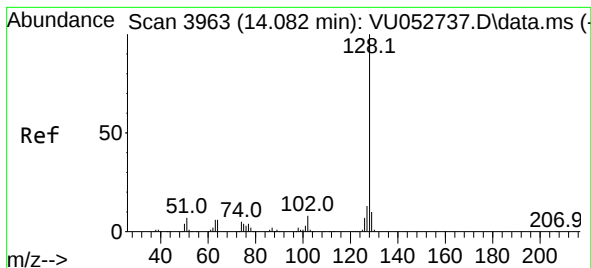
Ion Ratio Lower Upper

225 100

223 63.0 31.8 95.3

227 63.9 31.8 95.4





#95

Naphthalene

Concen: 46.362 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

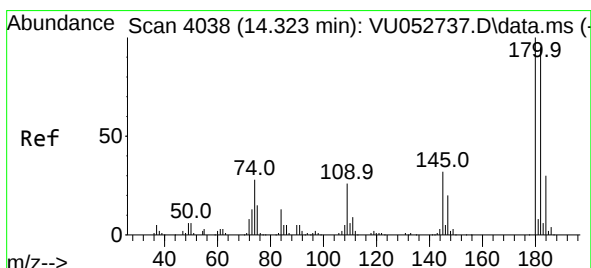
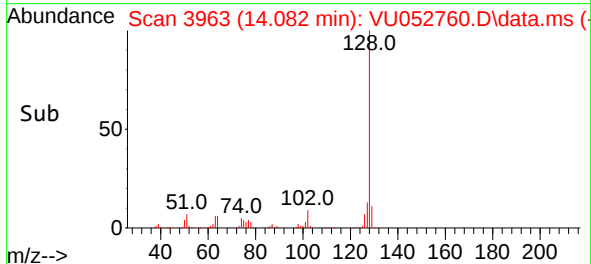
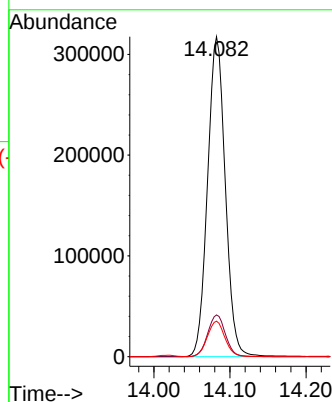
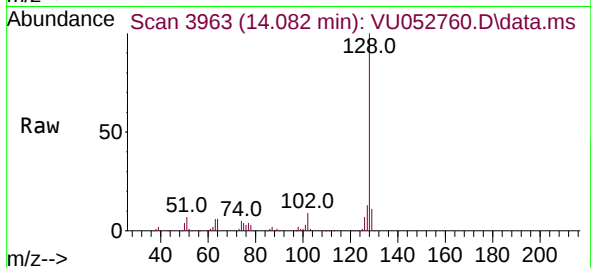
Tgt Ion:128 Resp: 513876

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.038 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052760.D

Acq: 20 Jan 2023 14:15

Tgt Ion:180 Resp: 176465

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.3

145 32.3 15.8 47.4

