

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048753.D
 Acq On : 31 May 2022 21:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 02:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	238735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	409432	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	387909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	210850	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184538	51.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.289	113	144140	49.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	7.899	98	499048	47.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	10.632	95	199357	50.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	128156	46.892	ug/l	98
3) Chloromethane	1.523	50	155186	44.109	ug/l	99
4) Vinyl Chloride	1.601	62	164887	50.601	ug/l	100
5) Bromomethane	1.842	94	45207	22.510	ug/l	96
6) Chloroethane	1.925	64	98183	55.130	ug/l	99
7) Trichlorofluoromethane	2.134	101	221370	47.568	ug/l	98
8) Diethyl Ether	2.376	74	85829	49.977	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	122647	48.145	ug/l	97
10) Methyl Iodide	2.720	142	166754	44.425	ug/l	98
11) Tert butyl alcohol	3.176	59	240689	264.789	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	119992	49.383	ug/l	97
13) Acrolein	2.482	56	50225	165.297	ug/l	99
14) Allyl chloride	2.922	41	247400	52.568	ug/l	97
15) Acrylonitrile	3.311	53	564833	286.510	ug/l	98
16) Acetone	2.623	43	469059	256.711	ug/l	99
17) Carbon Disulfide	2.790	76	332077	46.816	ug/l	100
18) Methyl Acetate	2.945	43	268859	58.606	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	489988	53.146	ug/l	98
20) Methylene Chloride	3.044	84	159517	51.339	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	138911	49.978	ug/l	100
22) Diisopropyl ether	3.993	45	504713	58.139	ug/l	93
23) Vinyl Acetate	3.954	43	2210610	293.907	ug/l	99
24) 1,1-Dichloroethane	3.867	63	284849	52.245	ug/l	99
25) 2-Butanone	4.697	43	775834	295.565	ug/l	99
26) 2,2-Dichloropropane	4.665	77	191413	39.132	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	162920	50.641	ug/l	99
28) Bromochloromethane	4.973	49	118589	55.453	ug/l	96
29) Tetrahydrofuran	5.047	42	491690	297.379	ug/l	97
30) Chloroform	5.089	83	282196	51.728	ug/l	99
31) Cyclohexane	5.388	56	227133	50.269	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	241290	48.751	ug/l	98
36) 1,1-Dichloropropene	5.527	75	198500	46.562	ug/l	98
37) Ethyl Acetate	4.803	43	277838	51.553	ug/l	99
38) Carbon Tetrachloride	5.523	117	214796	43.917	ug/l	99
39) Methylcyclohexane	6.764	83	212477	47.534	ug/l	99
40) Benzene	5.774	78	598261	47.534	ug/l	99

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDC0050EC

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	149130	54.758	ug/l	99
42) 1,2-Dichloroethane	5.793	62	229388	46.559	ug/l	99
43) Isopropyl Acetate	5.912	43	404818	51.752	ug/l	99
44) Trichloroethene	6.543	130	147872	45.604	ug/l	100
45) 1,2-Dichloropropane	6.790	63	167444	52.846	ug/l	100
46) Dibromomethane	6.919	93	116904	49.384	ug/l	98
47) Bromodichloromethane	7.105	83	232688	48.606	ug/l	100
48) Methyl methacrylate	6.961	41	198747	56.598	ug/l	97
49) 1,4-Dioxane	6.961	88	82020	1044.860	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1375954	270.904	ug/l	100
52) Toluene	7.970	92	364376	48.401	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	249022	48.222	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	261743	48.913	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	158474	47.697	ug/l	99
56) Ethyl methacrylate	8.333	69	261073	49.740	ug/l	98
57) 1,3-Dichloropropane	8.578	76	275152	49.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	331338	275.644	ug/l	97
59) 2-Hexanone	8.684	43	1145138	274.626	ug/l	99
60) Dibromochloromethane	8.809	129	181700	48.787	ug/l	99
61) 1,2-Dibromoethane	8.925	107	173063	47.297	ug/l	99
64) Tetrachloroethene	8.552	164	118098	43.704	ug/l	96
65) Chlorobenzene	9.446	112	405369	49.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	157083	50.441	ug/l	99
67) Ethyl Benzene	9.571	91	717971	51.886	ug/l	99
68) m/p-Xylenes	9.694	106	549545	101.543	ug/l	99
69) o-Xylene	10.102	106	268418	50.483	ug/l	100
70) Styrene	10.115	104	464719	53.137	ug/l	100
71) Bromoform	10.292	173	144932	50.336	ug/l #	99
73) Isopropylbenzene	10.485	105	710954	52.228	ug/l	99
74) N-amyl acetate	10.321	43	351650	50.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	290588	52.311	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	338016	49.721	ug/l	98
77) Bromobenzene	10.784	156	179239	49.029	ug/l	98
78) n-propylbenzene	10.906	91	833113	51.362	ug/l	99
79) 2-Chlorotoluene	10.986	91	509469	50.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	616974	52.119	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	86478	46.186	ug/l	96
82) 4-Chlorotoluene	11.095	91	599472	51.509	ug/l	99
83) tert-Butylbenzene	11.420	119	608683	53.575	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	626434	49.123	ug/l	100
85) sec-Butylbenzene	11.645	105	754242	53.065	ug/l	99
86) p-Isopropyltoluene	11.793	119	644830	52.829	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	348061	48.560	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	345437	46.648	ug/l	99
89) n-Butylbenzene	12.208	91	561329	46.121	ug/l	100
90) Hexachloroethane	12.478	117	112978	45.353	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	330780	45.683	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	79884	49.945	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	231370	48.694	ug/l	98
94) Hexachlorobutadiene	14.021	225	94354	41.429	ug/l	96
95) Naphthalene	14.086	128	793912	47.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	230047	48.882	ug/l	100

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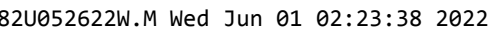
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

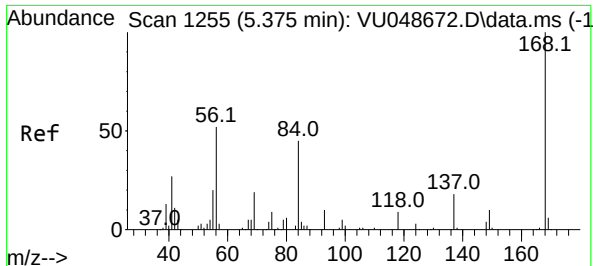
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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

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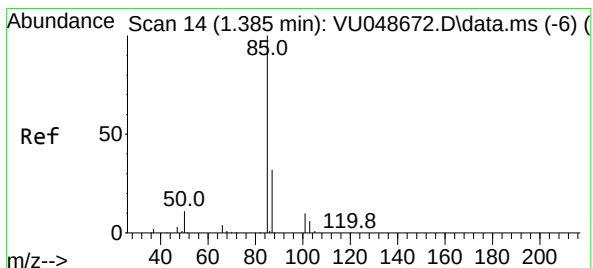
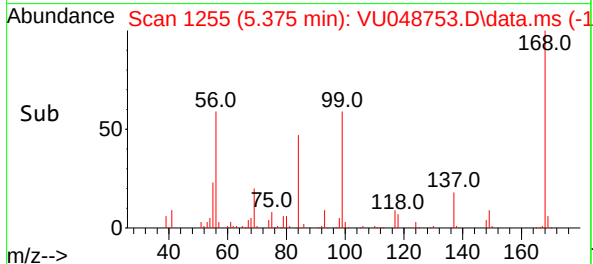
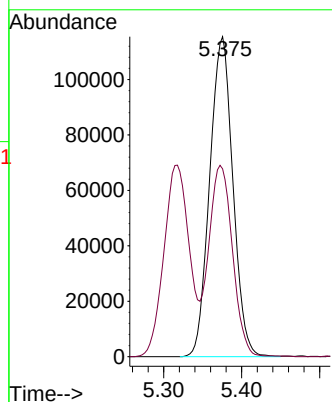
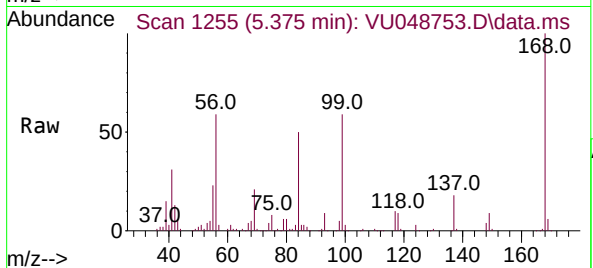




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048753.D
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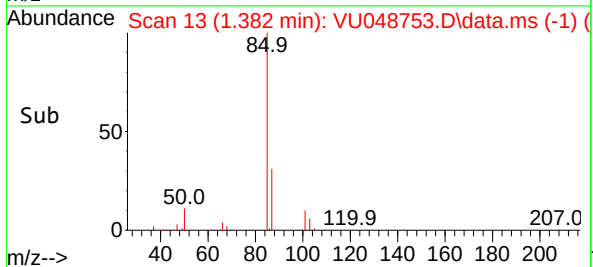
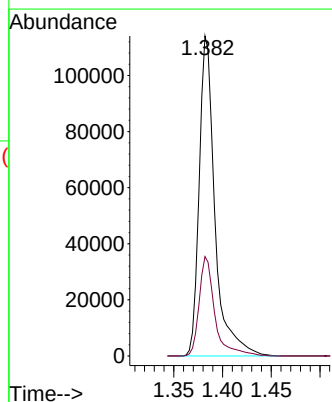
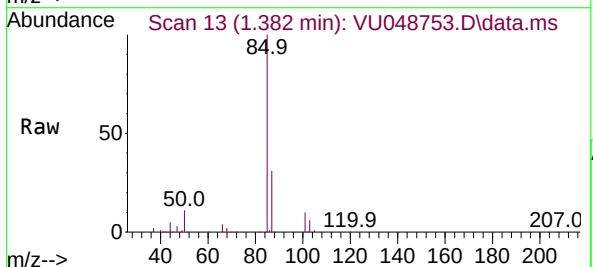
Instrument :
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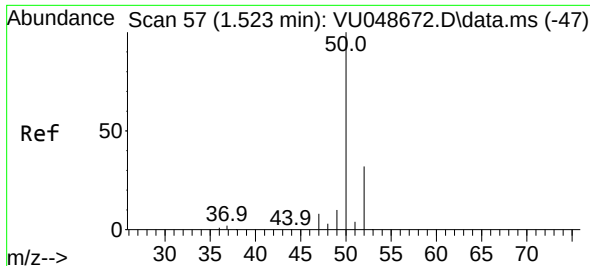
Tgt Ion:168 Resp: 238735
Ion Ratio Lower Upper
168 100
99 58.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 46.892 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 85 Resp: 128156
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0

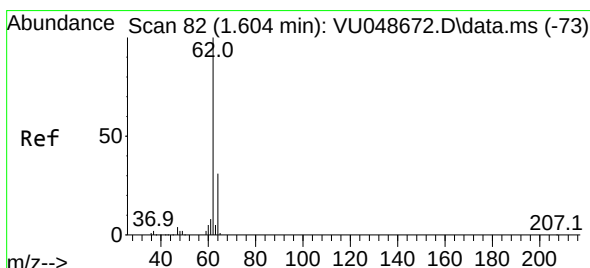
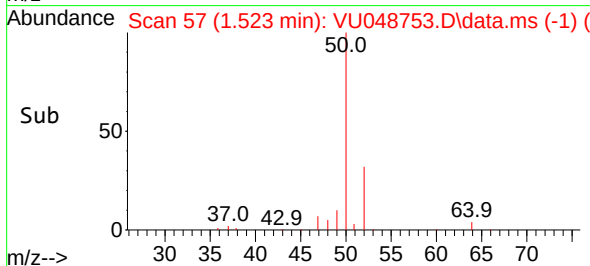
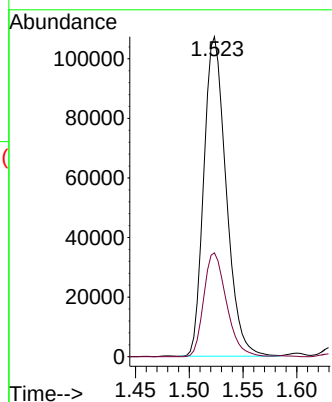
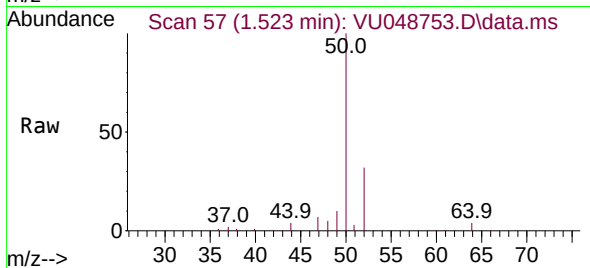




#3
Chloromethane
Concen: 44.109 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

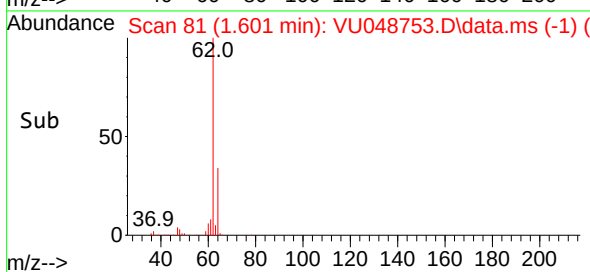
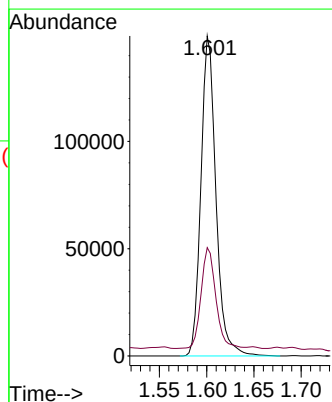
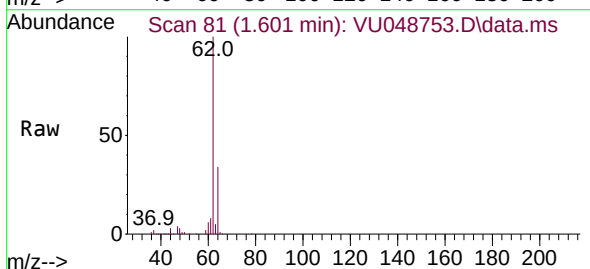
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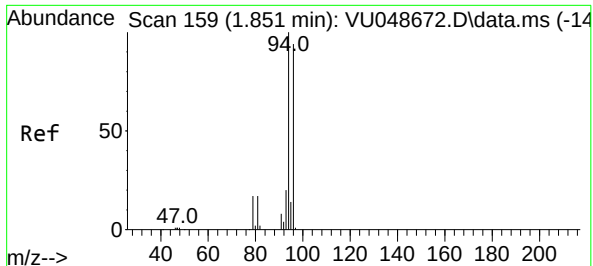
Tgt Ion: 50 Resp: 155186
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 50.601 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 62 Resp: 164887
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

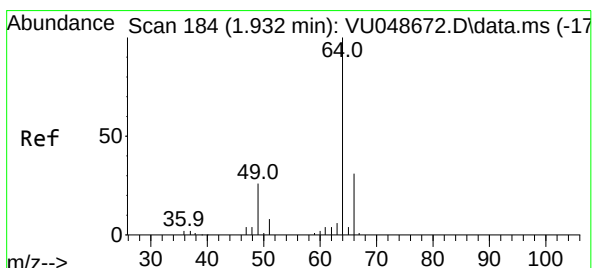
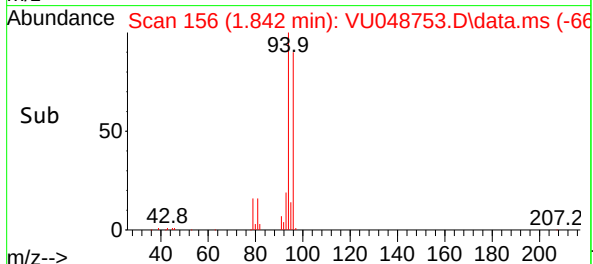
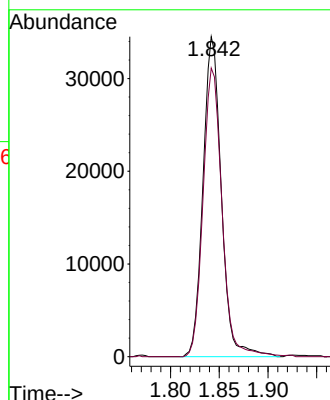
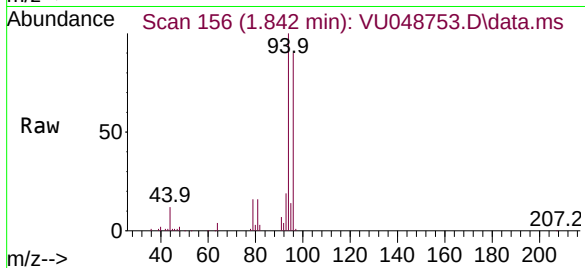




#5
Bromomethane
Concen: 22.510 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

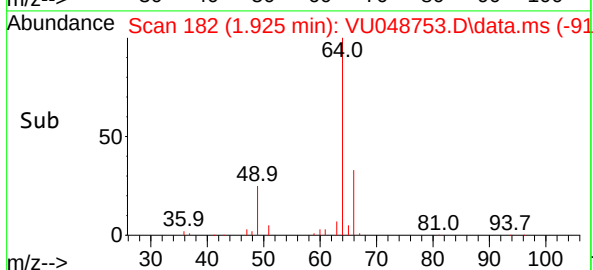
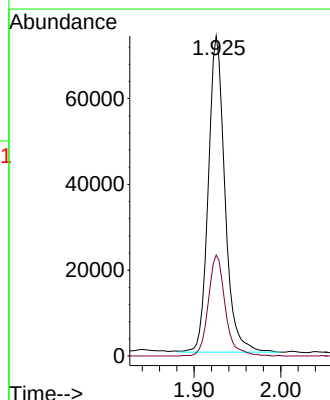
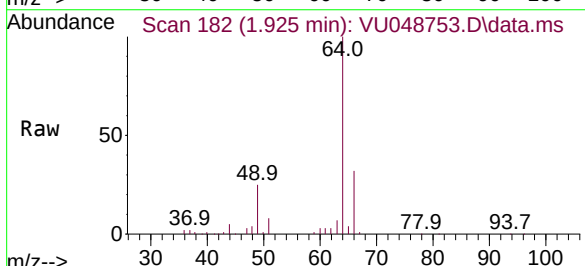
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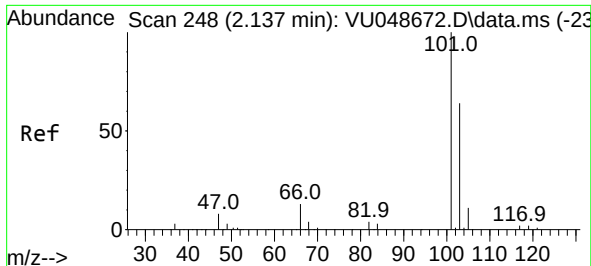
Tgt Ion: 94 Resp: 45207
Ion Ratio Lower Upper
94 100
96 90.2 75.1 112.7



#6
Chloroethane
Concen: 55.130 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.007 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 64 Resp: 98183
Ion Ratio Lower Upper
64 100
66 31.9 25.2 37.8

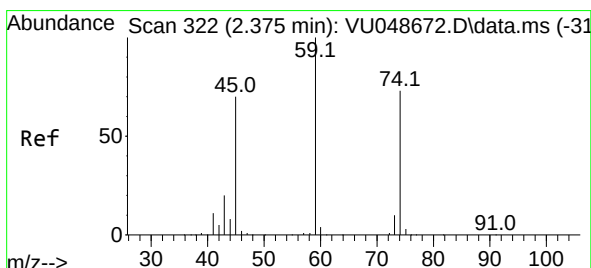
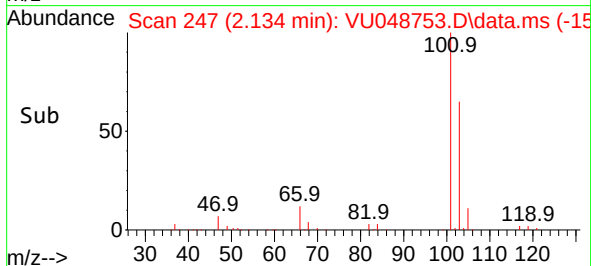
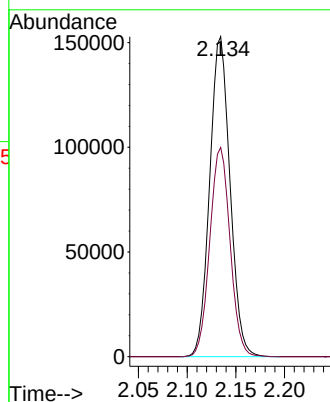
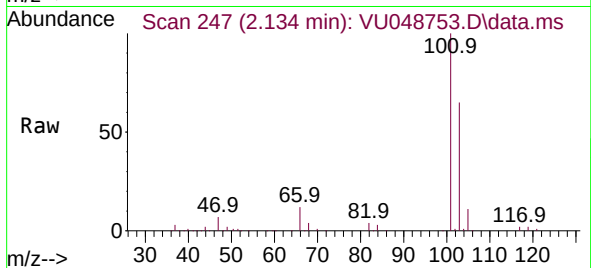




#7
Trichlorofluoromethane
Concen: 47.568 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

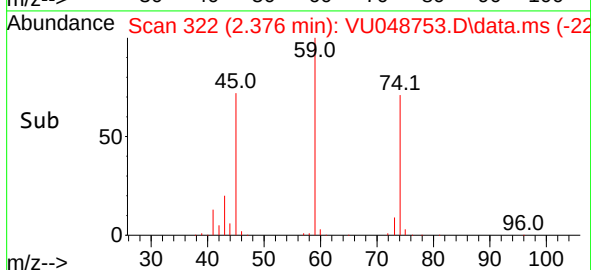
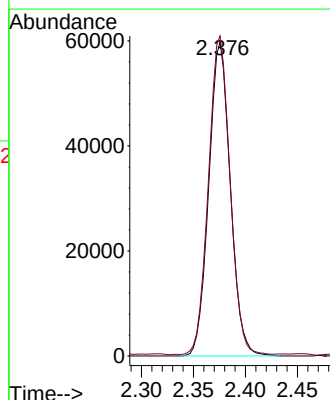
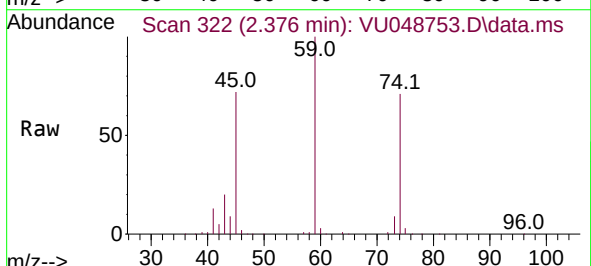
Instrument :
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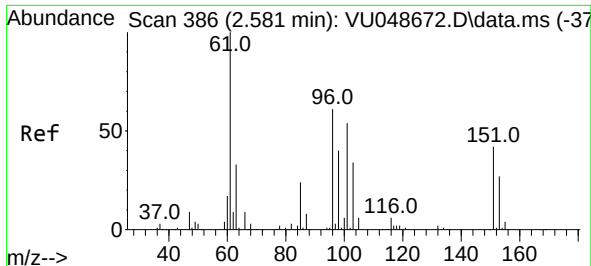
Tgt Ion:101 Resp: 221370
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4



#8
Diethyl Ether
Concen: 49.977 ug/l
RT: 2.376 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 74 Resp: 85829
Ion Ratio Lower Upper
74 100
45 102.1 47.7 143.1

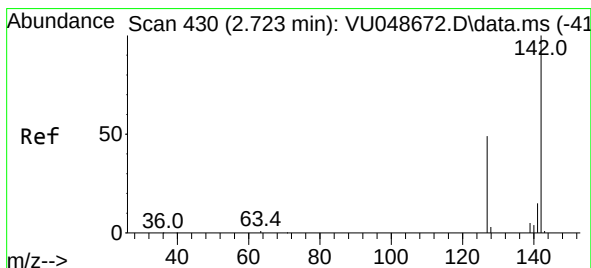
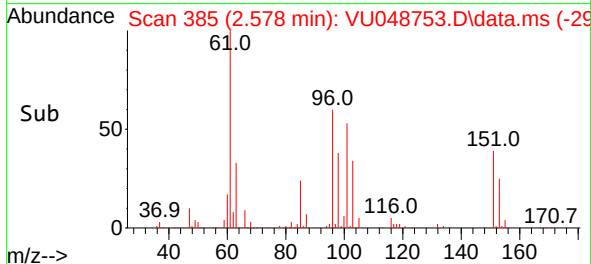
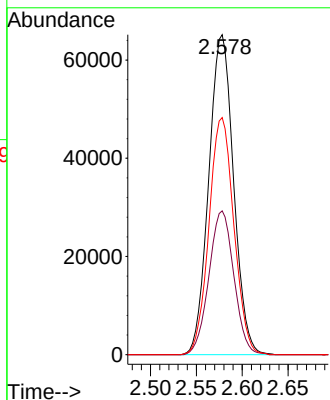
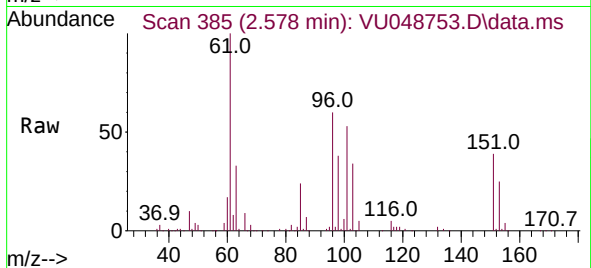




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.145 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

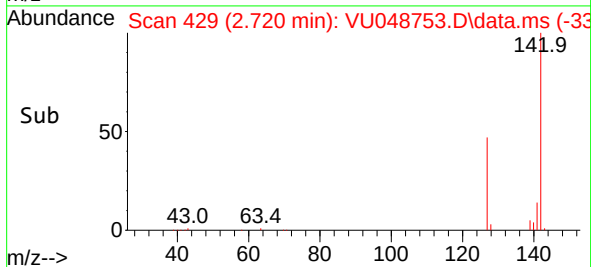
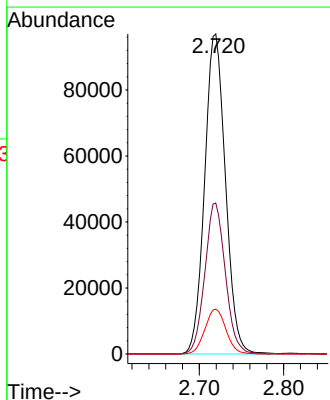
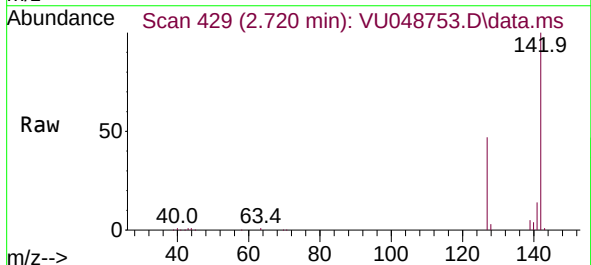
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

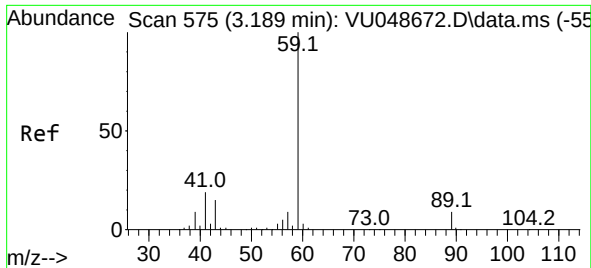
Tgt Ion:101 Resp: 122647
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 74.4 62.5 93.7



#10
Methyl Iodide
Concen: 44.425 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:142 Resp: 166754
Ion Ratio Lower Upper
142 100
127 46.5 38.4 57.6
141 14.1 11.5 17.3

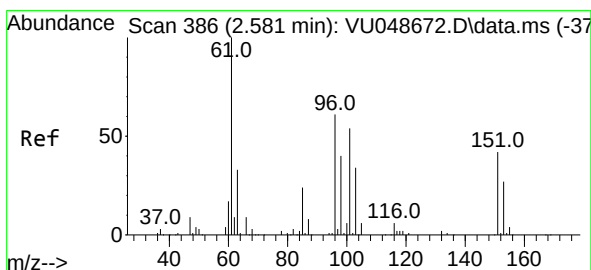
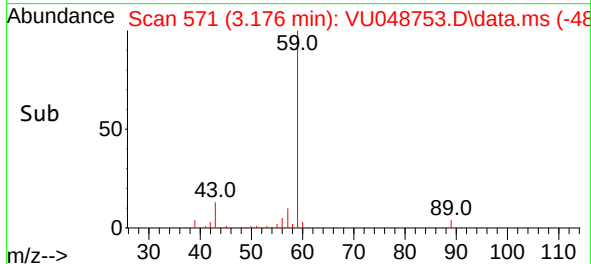
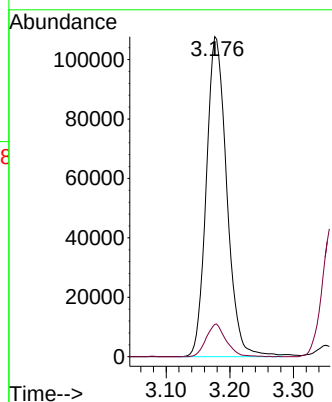
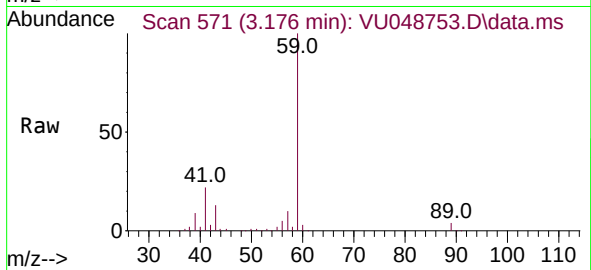




#11
Tert butyl alcohol
Concen: 264.789 ug/l
RT: 3.176 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

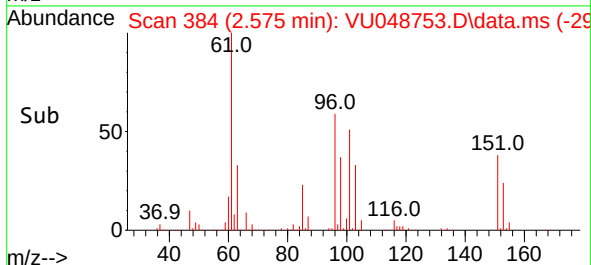
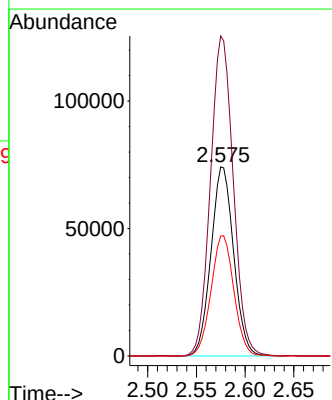
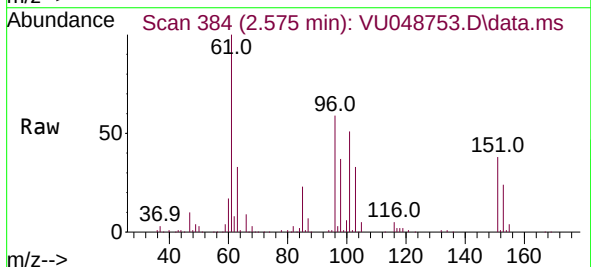
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

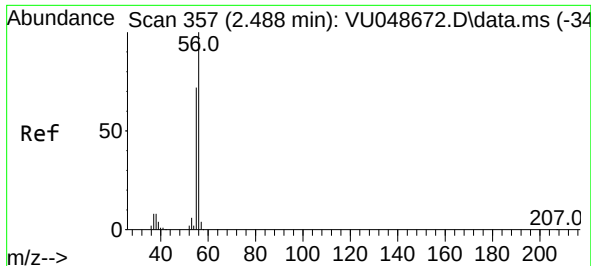
Tgt Ion: 59 Resp: 240689
Ion Ratio Lower Upper
59 100
57 10.0 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 49.383 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 96 Resp: 119992
Ion Ratio Lower Upper
96 100
61 169.2 131.1 196.7
98 63.4 51.8 77.8

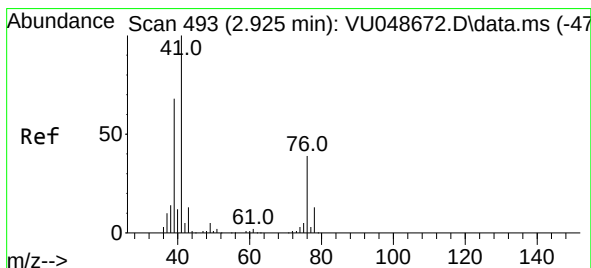
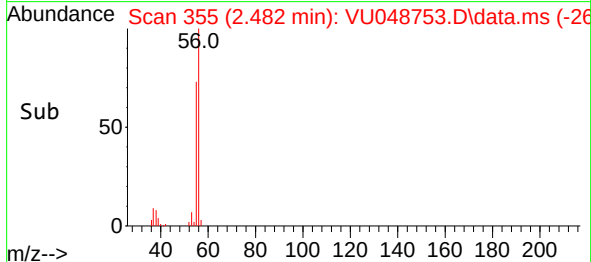
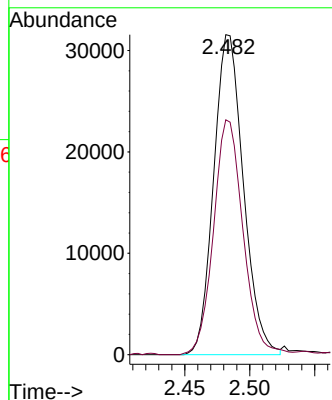
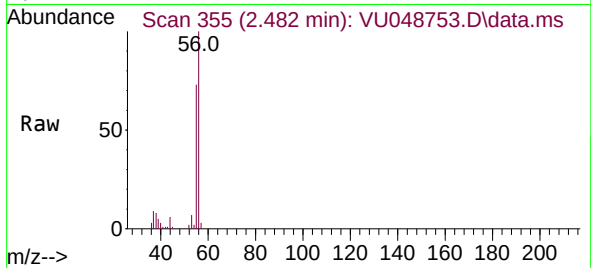




#13
Acrolein
Concen: 165.297 ug/l
RT: 2.482 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

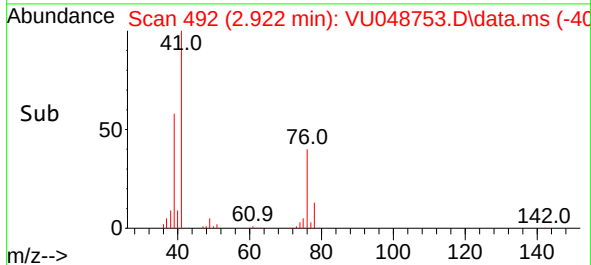
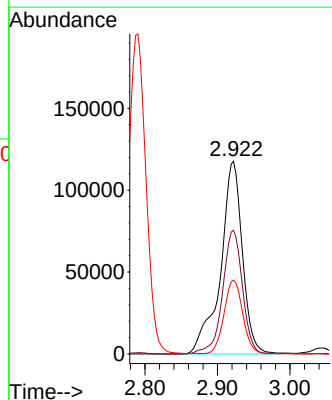
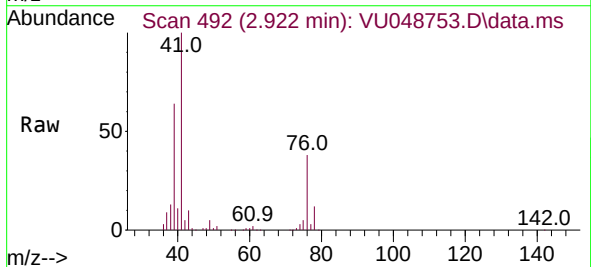
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

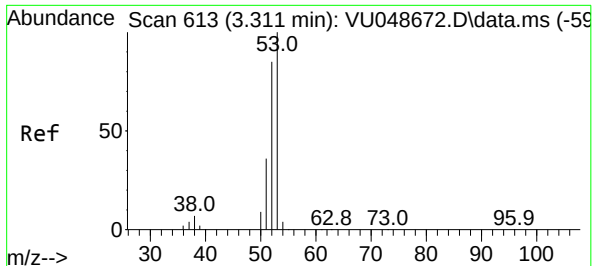
Tgt Ion: 56 Resp: 50225
Ion Ratio Lower Upper
56 100
55 72.7 57.7 86.5



#14
Allyl chloride
Concen: 52.568 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 41 Resp: 247400
Ion Ratio Lower Upper
41 100
39 58.0 48.6 72.8
76 32.9 27.0 40.4

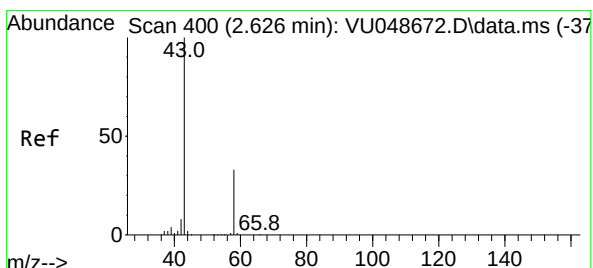
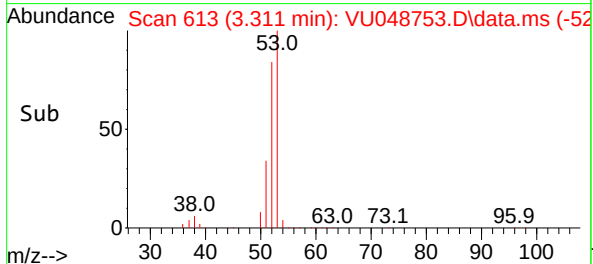
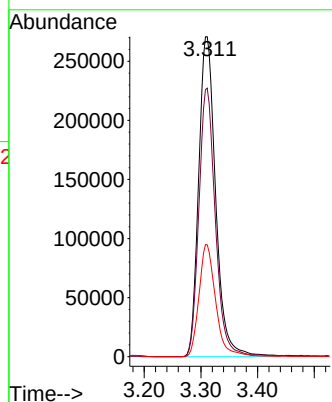
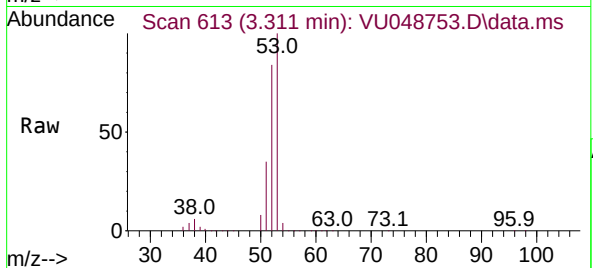




#15
Acrylonitrile
Concen: 286.510 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

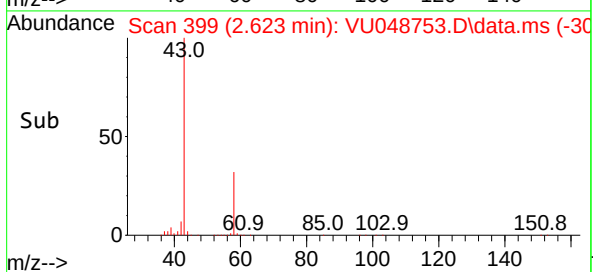
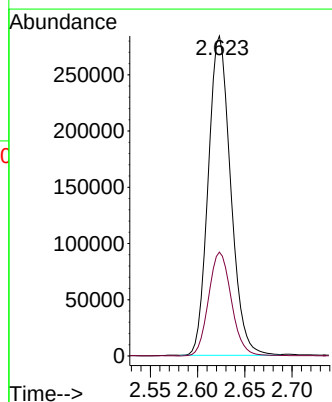
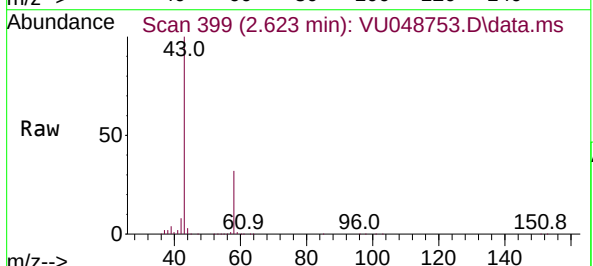
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

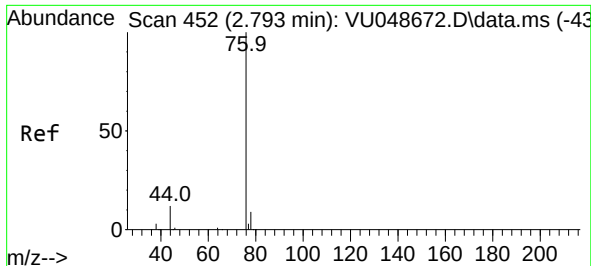
Tgt Ion: 53 Resp: 564833
Ion Ratio Lower Upper
53 100
52 81.0 66.3 99.5
51 34.5 28.6 42.8



#16
Acetone
Concen: 256.711 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 43 Resp: 469059
Ion Ratio Lower Upper
43 100
58 32.5 26.3 39.5

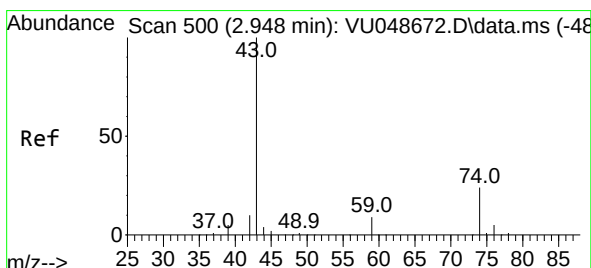
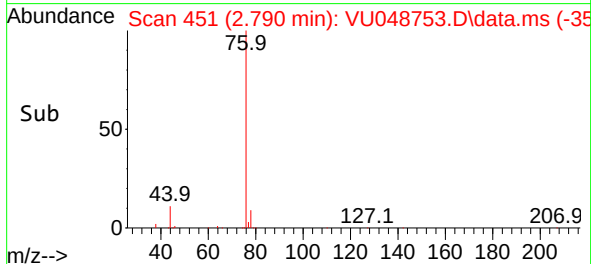
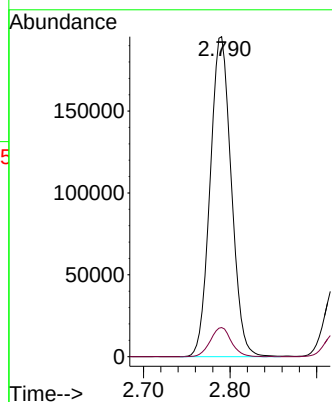
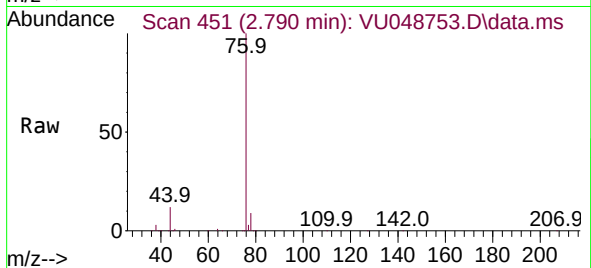




#17
Carbon Disulfide
Concen: 46.816 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

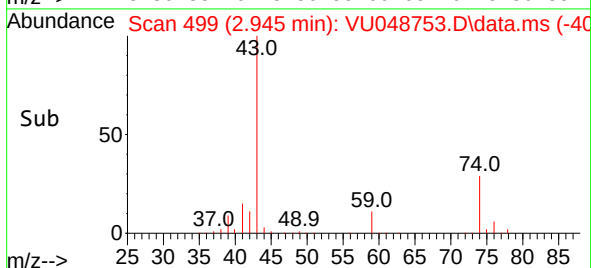
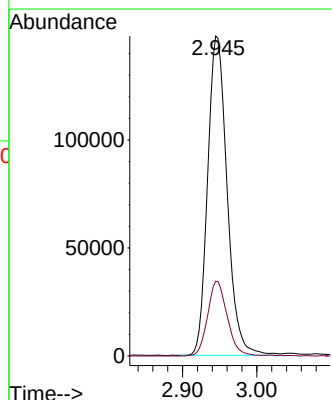
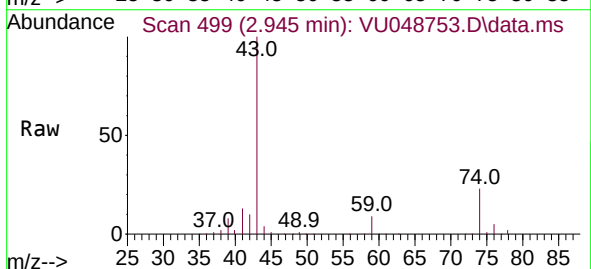
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

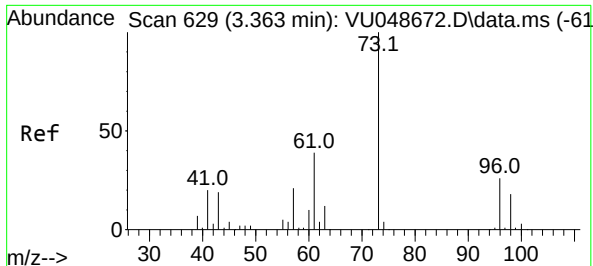
Tgt Ion: 76 Resp: 332077
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 58.606 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 43 Resp: 268859
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 53.146 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

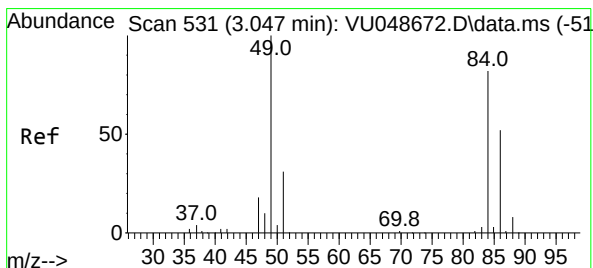
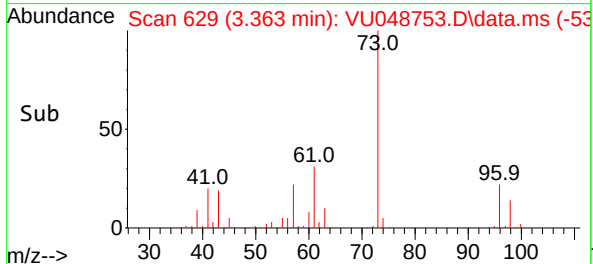
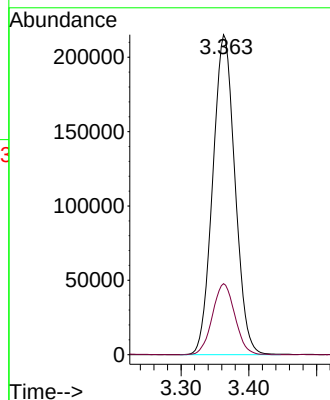
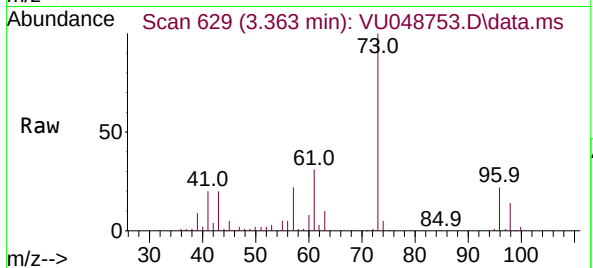
VSTDCCC050EC

Tgt Ion: 73 Resp: 489988

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



#20

Methylene Chloride

Concen: 51.339 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Tgt Ion: 84 Resp: 159517

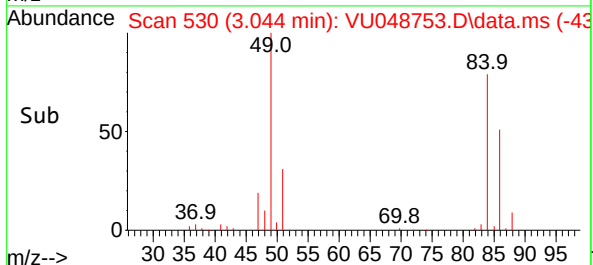
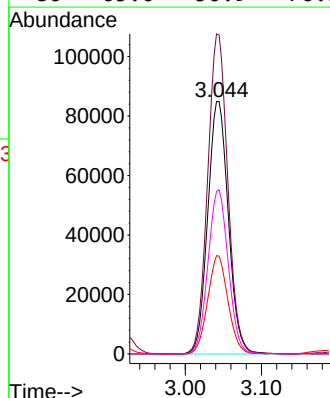
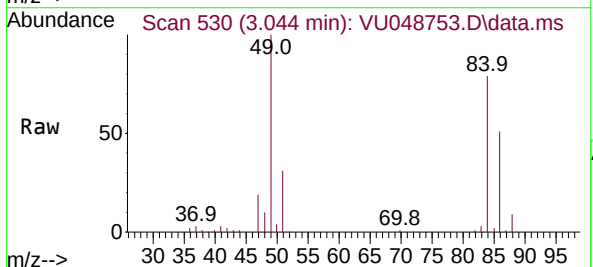
Ion Ratio Lower Upper

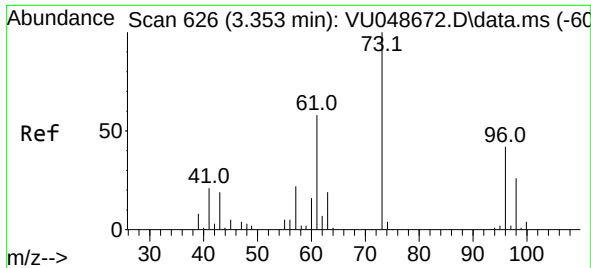
84 100

49 126.3 97.0 145.4

51 38.8 29.8 44.8

86 65.0 50.9 76.3

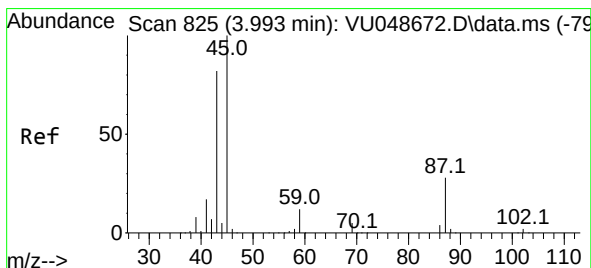
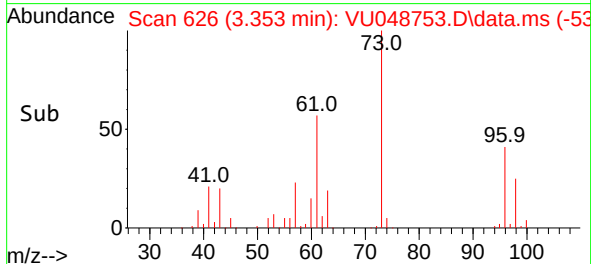
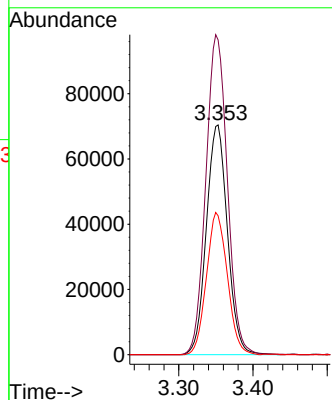
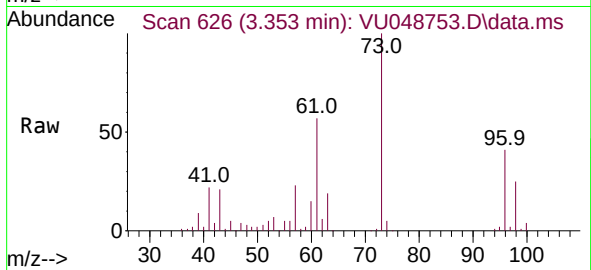




#21
trans-1,2-Dichloroethene
Concen: 49.978 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

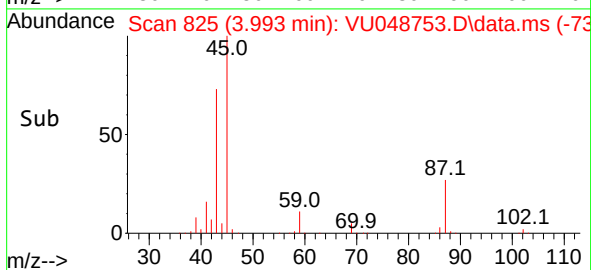
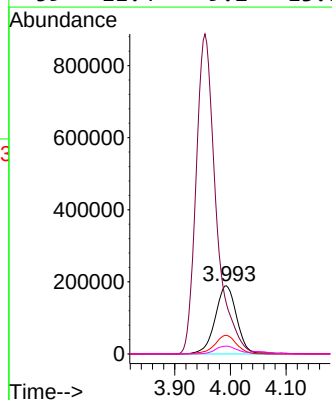
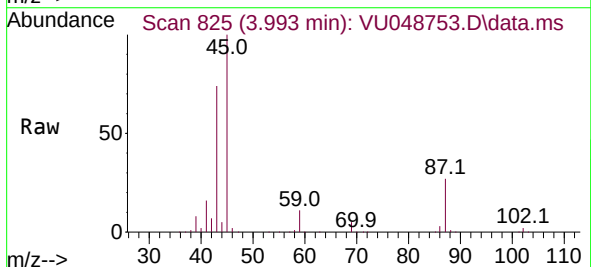
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

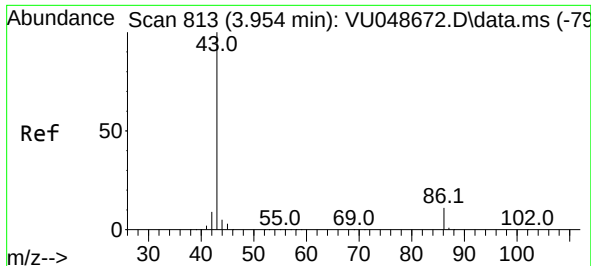
Tgt Ion: 96 Resp: 138911
Ion Ratio Lower Upper
96 100
61 137.0 109.4 164.2
98 60.4 48.9 73.3



#22
Diisopropyl ether
Concen: 58.139 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 45 Resp: 504713
Ion Ratio Lower Upper
45 100
43 72.6 65.2 97.8
87 27.3 22.7 34.1
59 11.4 9.2 13.8

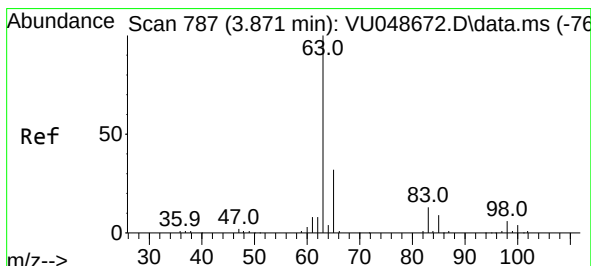
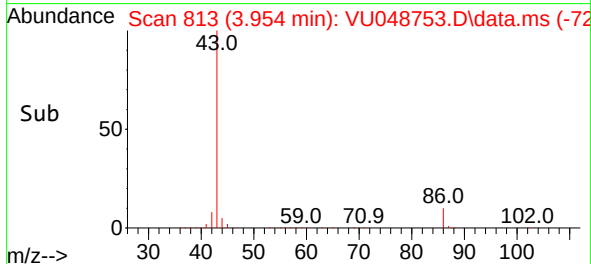
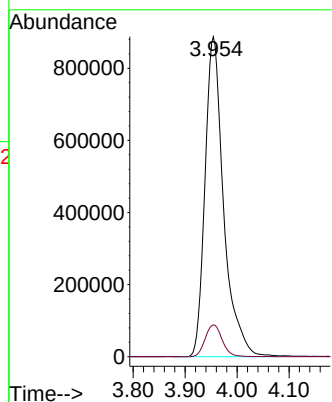
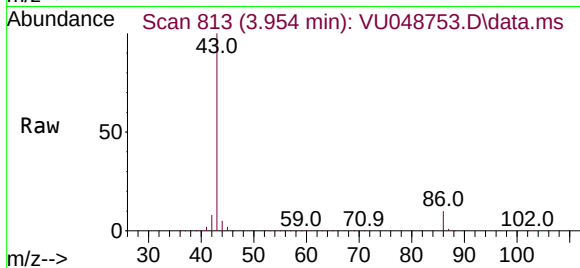




#23
 Vinyl Acetate
 Concen: 293.907 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

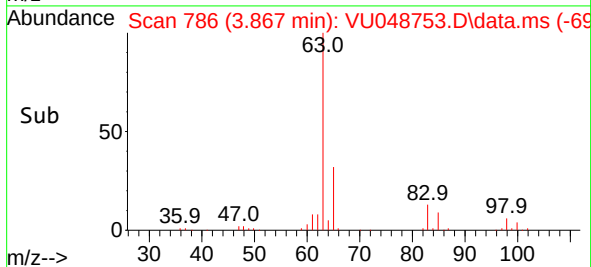
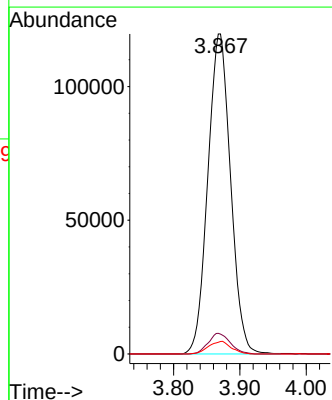
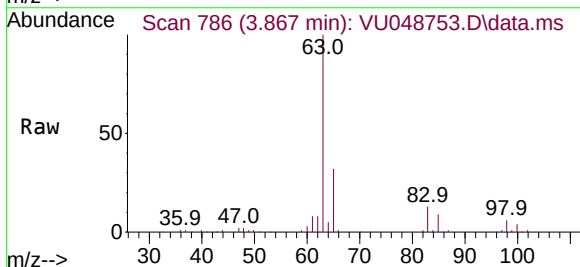
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

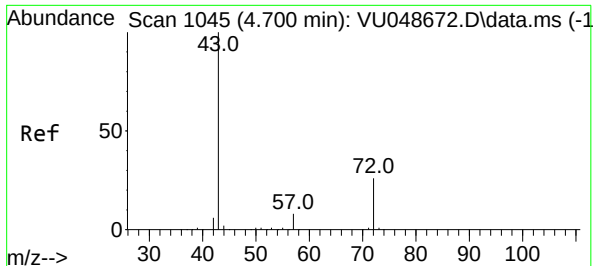
Tgt Ion: 43 Resp: 2210610
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 52.245 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

Tgt Ion: 63 Resp: 284849
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 3.6 2.0 5.8





#25

2-Butanone

Concen: 295.565 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

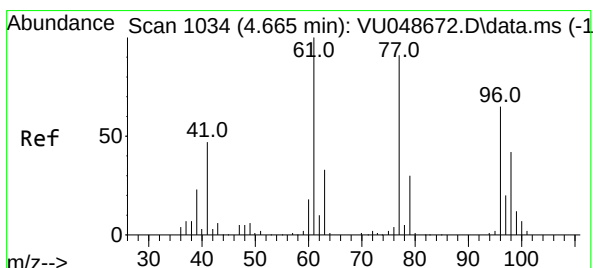
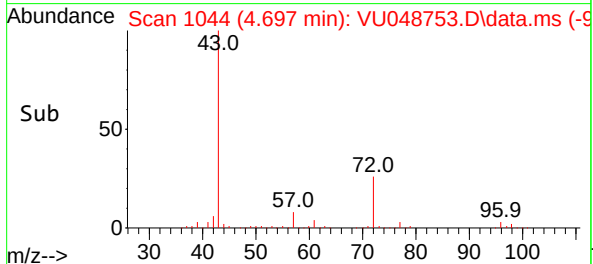
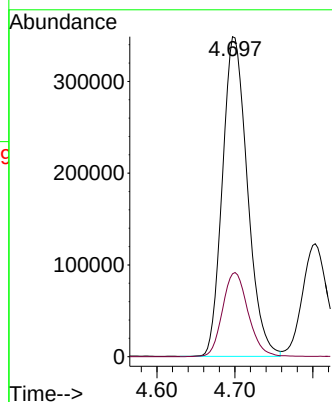
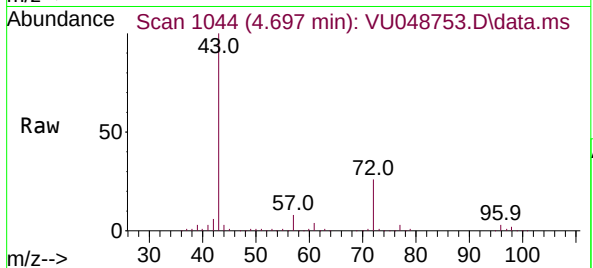
VSTDCCC050EC

Tgt Ion: 43 Resp: 775834

Ion Ratio Lower Upper

43 100

72 25.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 39.132 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048753.D

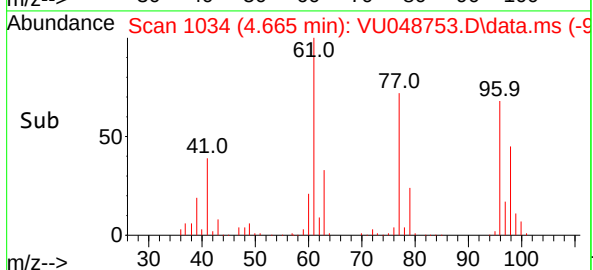
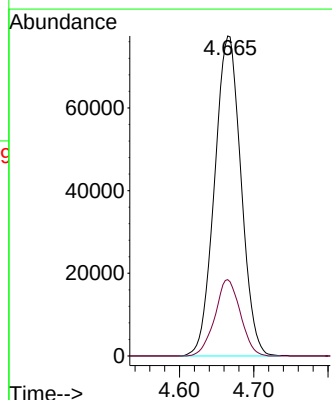
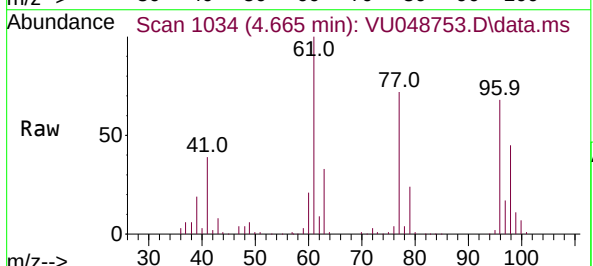
Acq: 31 May 2022 21:04

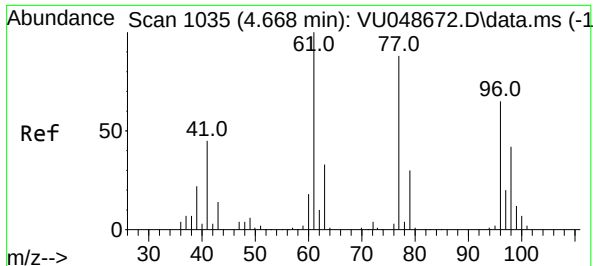
Tgt Ion: 77 Resp: 191413

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1

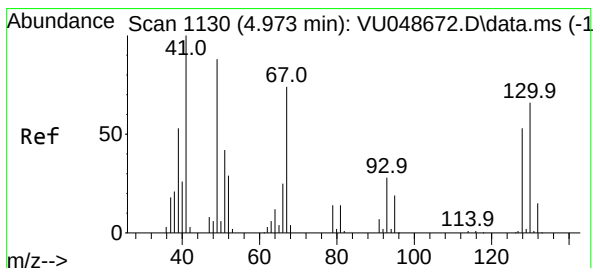
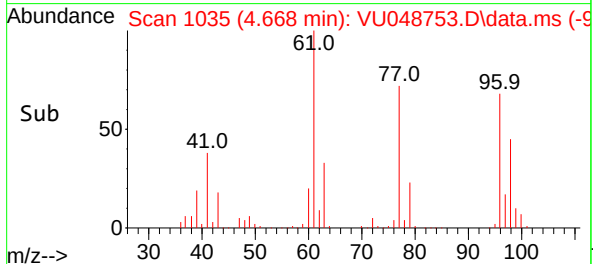
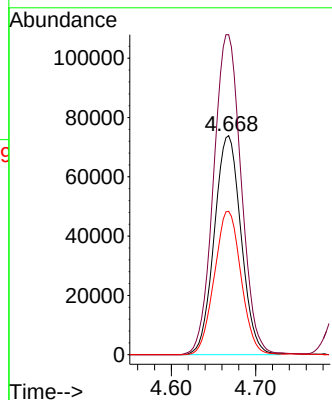
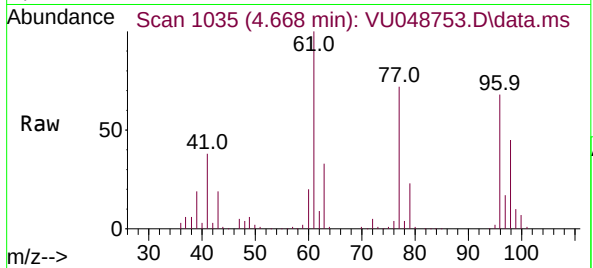




#27
 cis-1,2-Dichloroethene
 Concen: 50.641 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

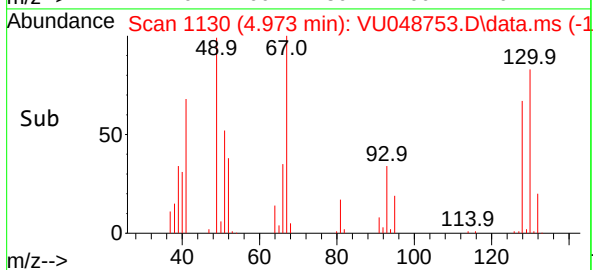
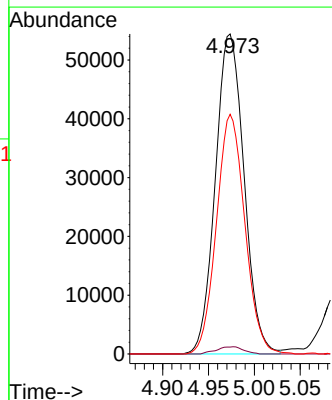
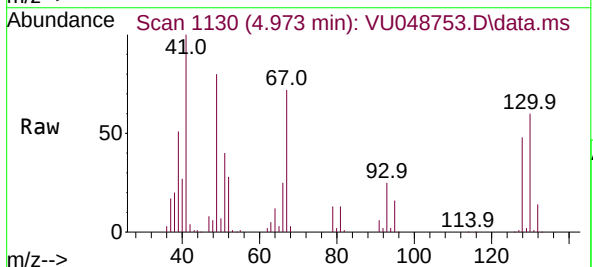
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

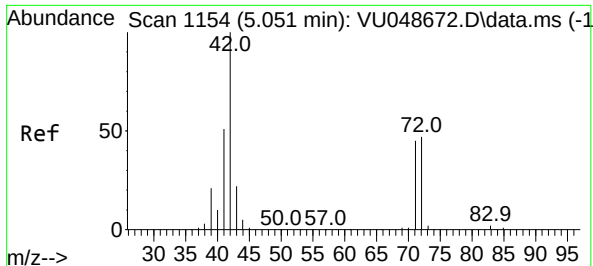
Tgt Ion: 96 Resp: 162920
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 306.2
 98 65.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 55.453 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

Tgt Ion: 49 Resp: 118589
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 74.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 297.379 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

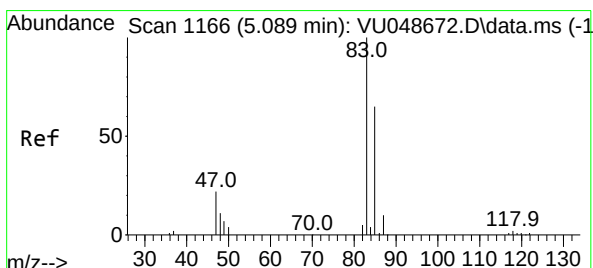
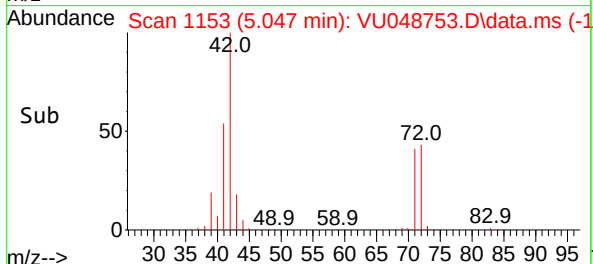
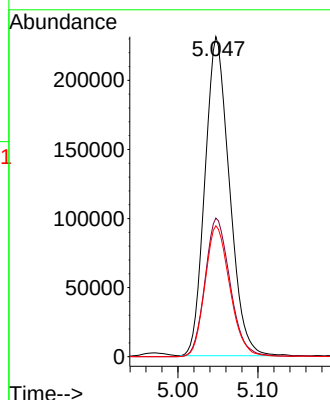
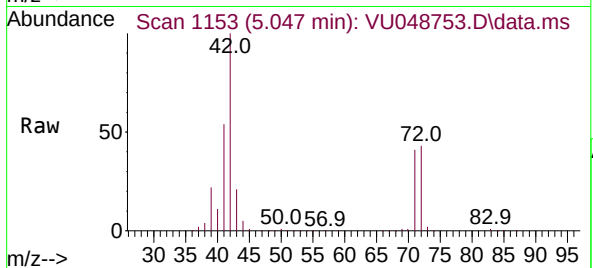
Tgt Ion: 42 Resp: 491690

Ion Ratio Lower Upper

42 100

72 44.6 37.6 56.4

71 41.8 35.0 52.4



#30

Chloroform

Concen: 51.728 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048753.D

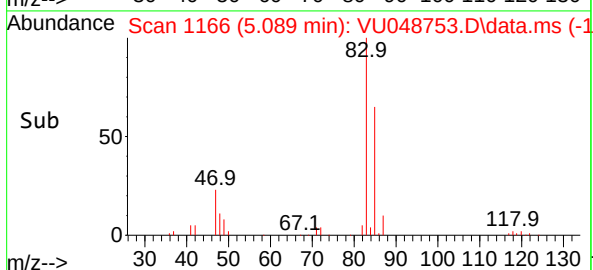
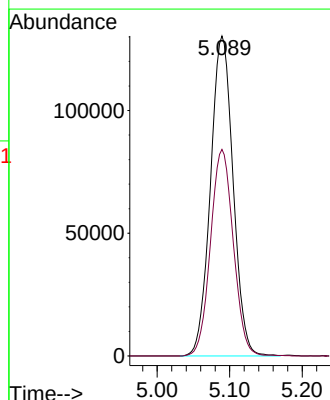
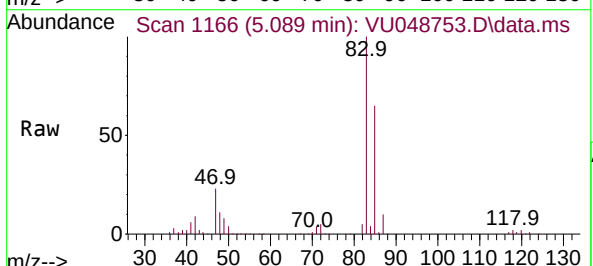
Acq: 31 May 2022 21:04

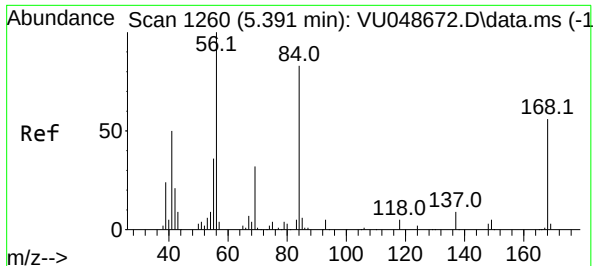
Tgt Ion: 83 Resp: 282196

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

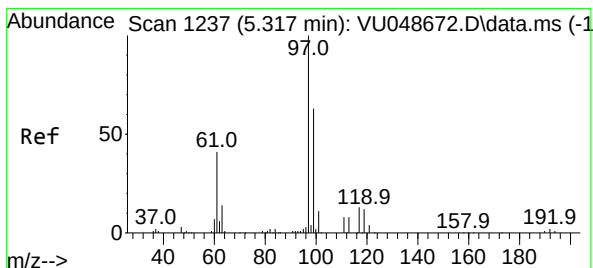
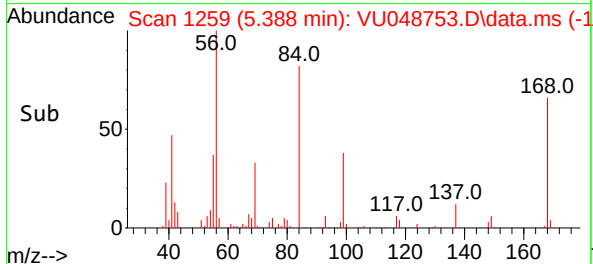
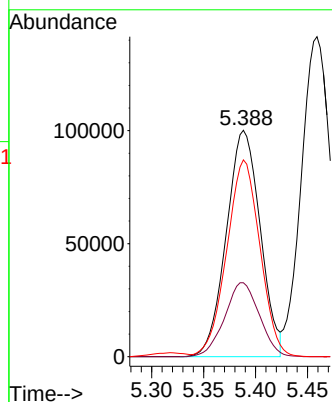
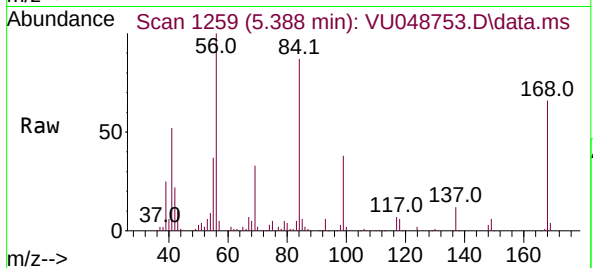




#31
Cyclohexane
Concen: 50.269 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

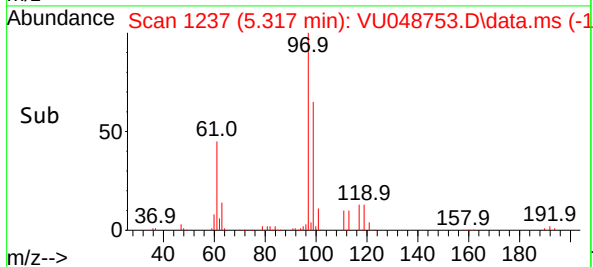
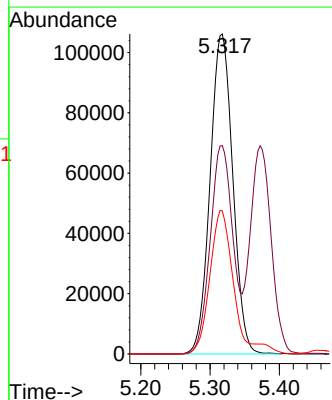
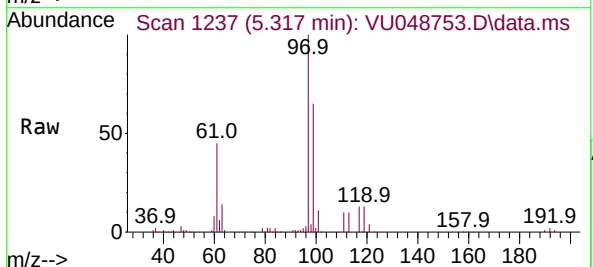
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

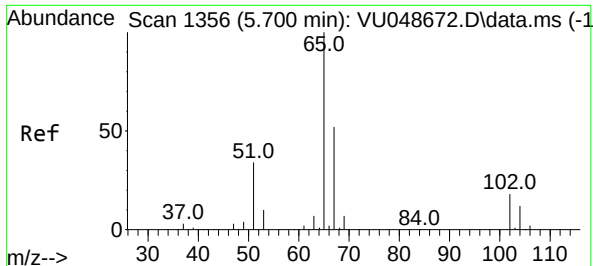
Tgt Ion: 56 Resp: 227133
Ion Ratio Lower Upper
56 100
69 32.7 25.6 38.4
84 85.5 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 48.751 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 97 Resp: 241290
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 45.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.470 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

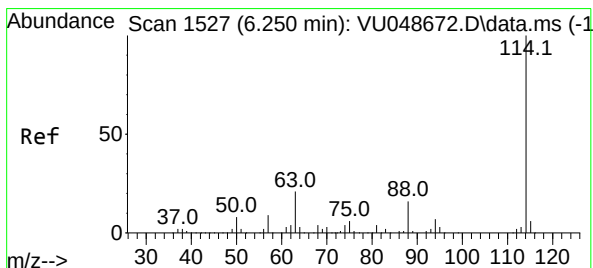
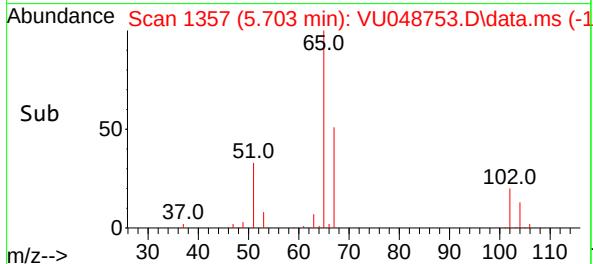
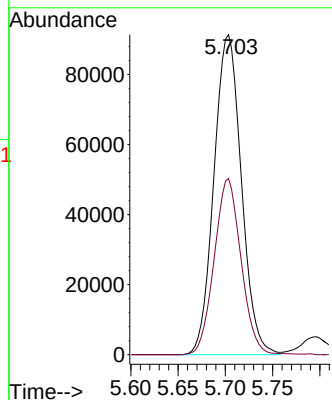
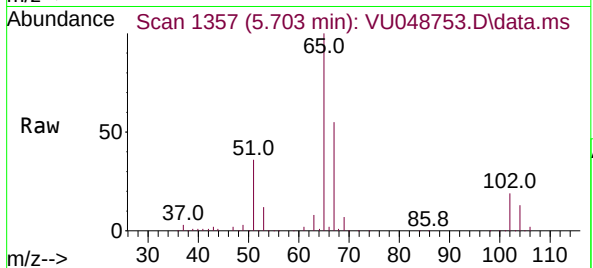
VSTDCCC050EC

Tgt Ion: 65 Resp: 184538

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

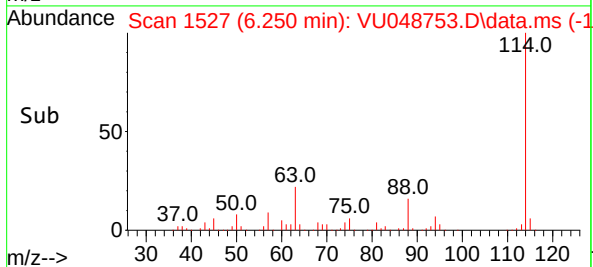
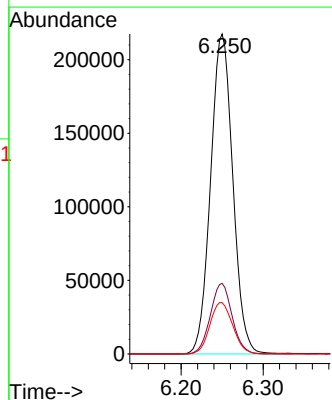
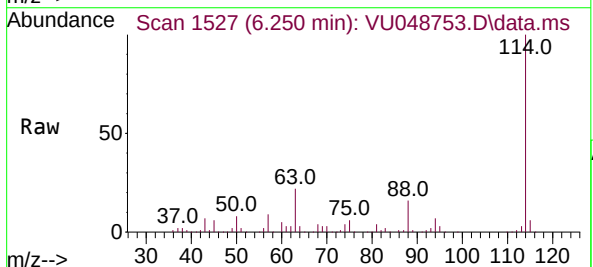
Tgt Ion: 114 Resp: 409432

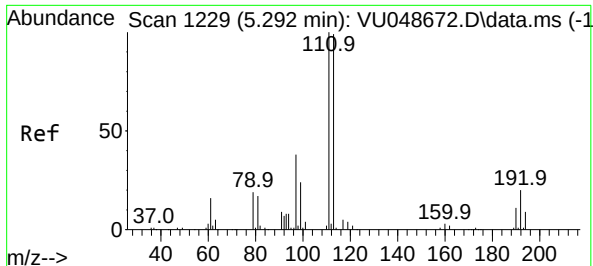
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.6

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.346 ug/l

RT: 5.289 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

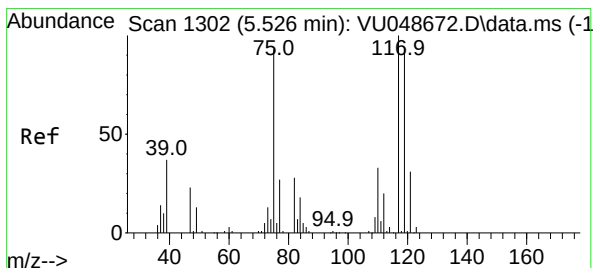
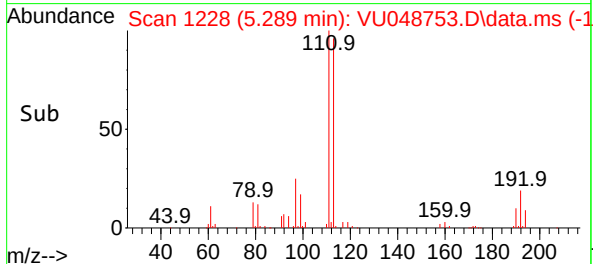
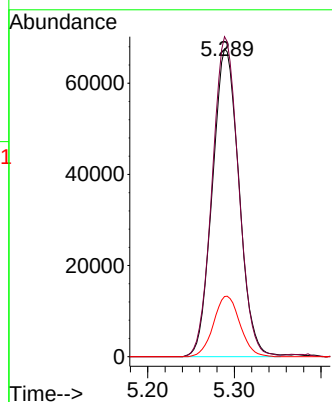
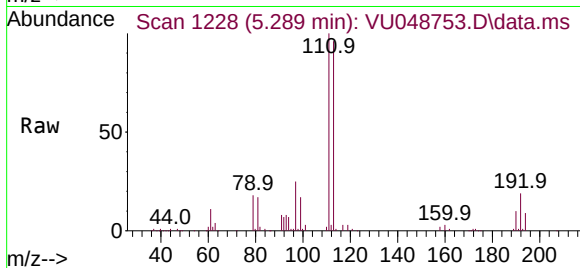
Tgt Ion:113 Resp: 144140

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 46.562 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

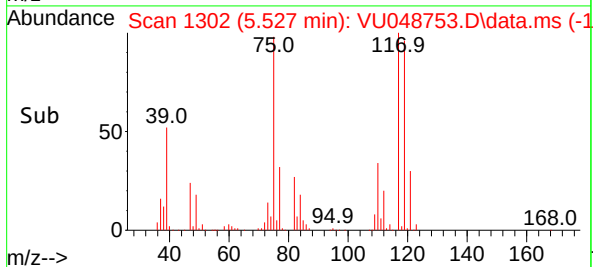
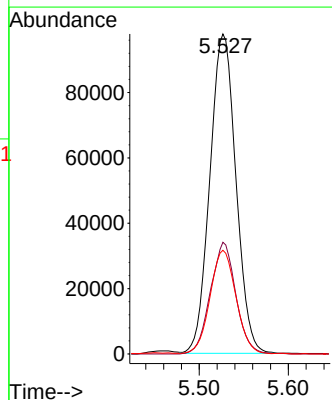
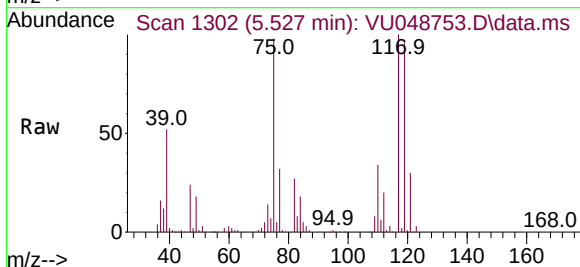
Tgt Ion: 75 Resp: 198500

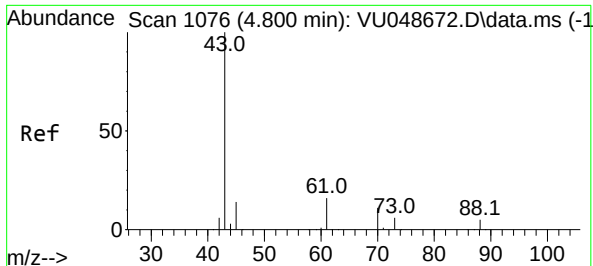
Ion Ratio Lower Upper

75 100

110 34.1 17.4 52.3

77 32.1 24.8 37.2





#37

Ethyl Acetate

Concen: 51.553 ug/l

RT: 4.803 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

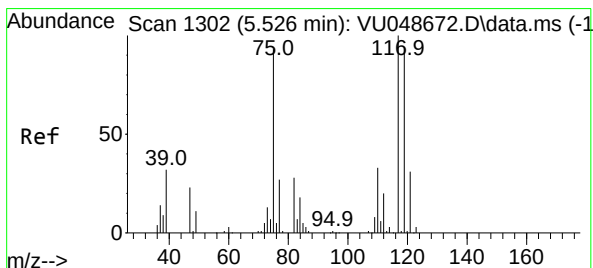
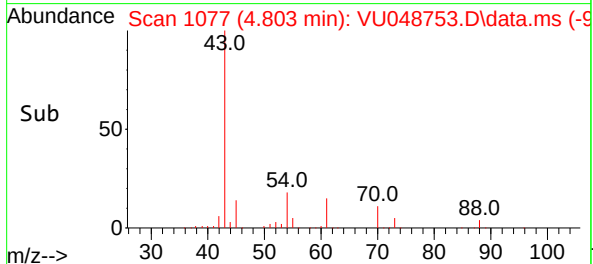
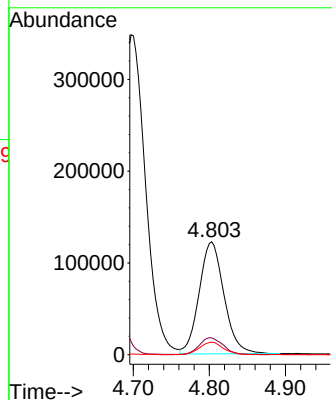
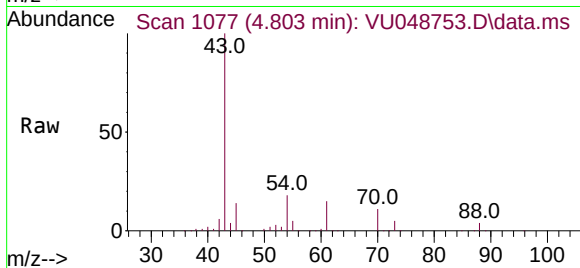
Tgt Ion: 43 Resp: 277838

Ion Ratio Lower Upper

43 100

61 14.1 11.7 17.5

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 43.917 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

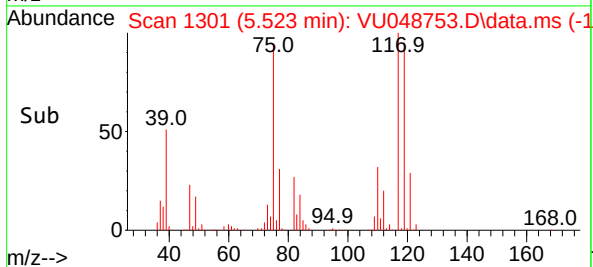
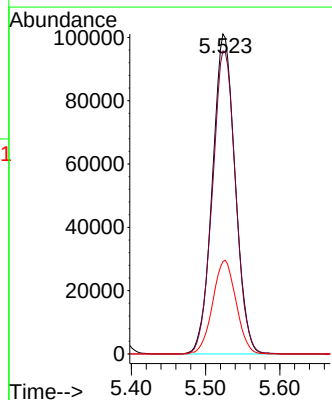
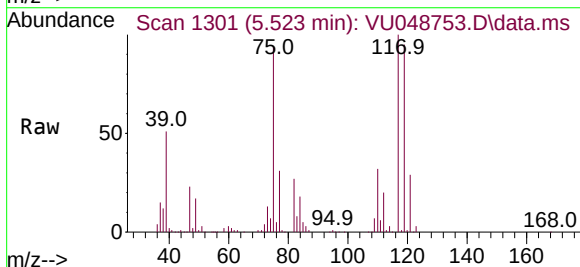
Tgt Ion: 117 Resp: 214796

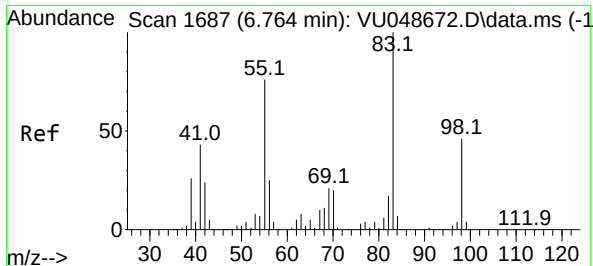
Ion Ratio Lower Upper

117 100

119 94.7 75.4 113.2

121 28.8 24.6 36.8





#39

Methylcyclohexane

Concen: 47.534 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

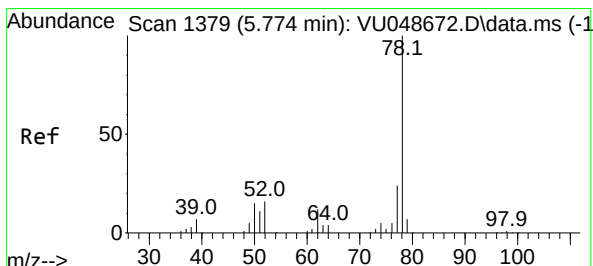
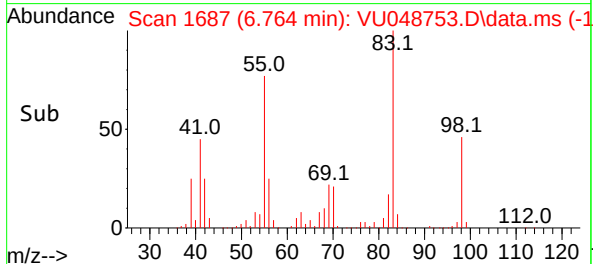
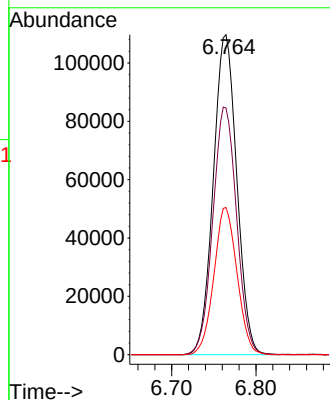
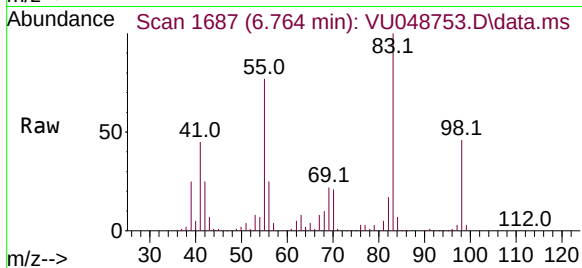
Tgt Ion: 83 Resp: 212477

Ion Ratio Lower Upper

83 100

55 77.1 61.0 91.6

98 46.0 36.8 55.2



#40

Benzene

Concen: 47.534 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048753.D

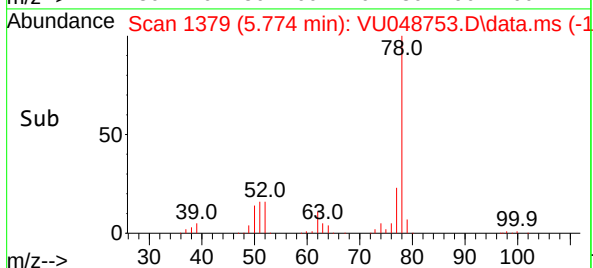
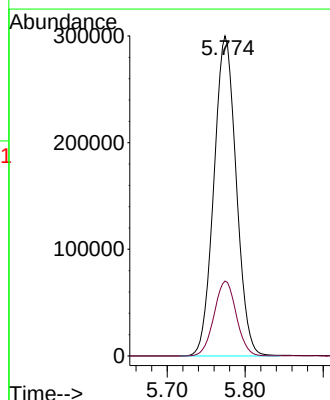
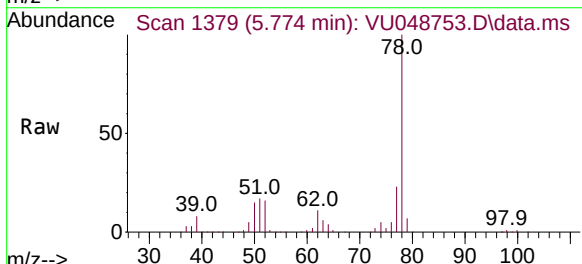
Acq: 31 May 2022 21:04

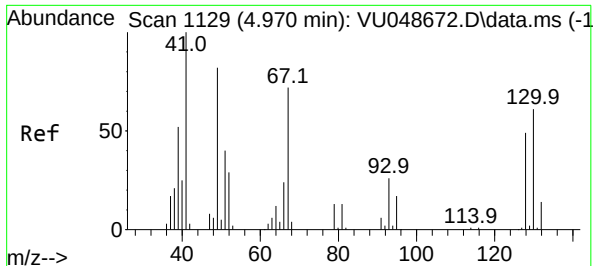
Tgt Ion: 78 Resp: 598261

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



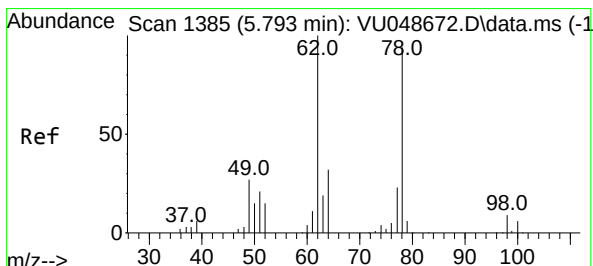
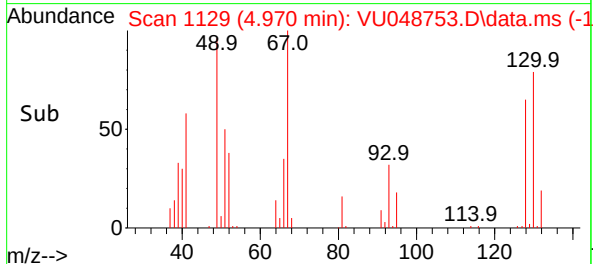
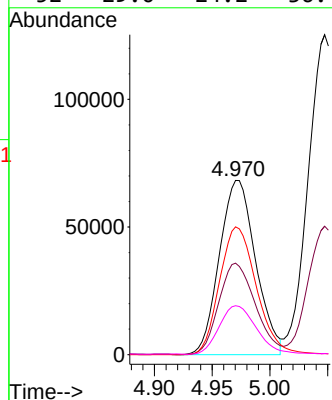
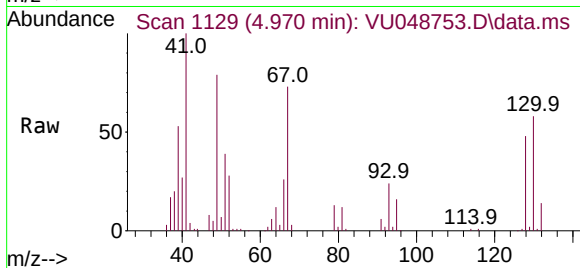


#41
Methacrylonitrile
Concen: 54.758 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 149130

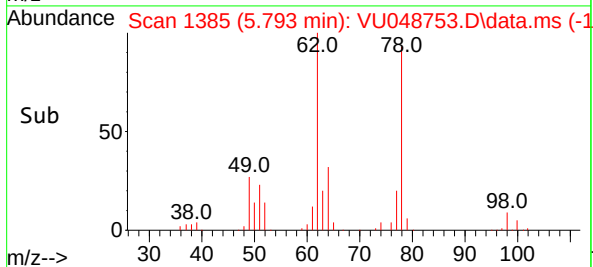
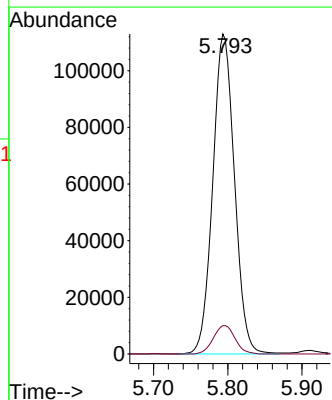
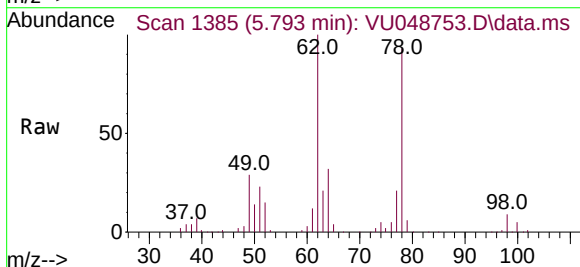
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	74.9	61.0	91.4
52	29.0	24.2	36.4

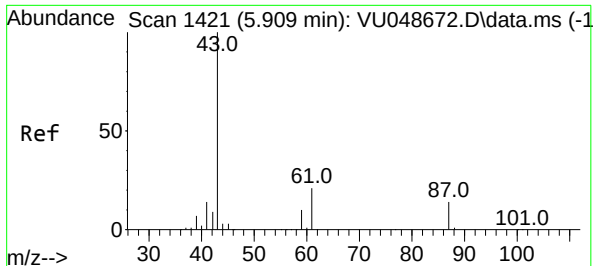


#42
1,2-Dichloroethane
Concen: 46.559 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 62 Resp: 229388

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.752 ug/l

RT: 5.912 min Scan# 1421

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

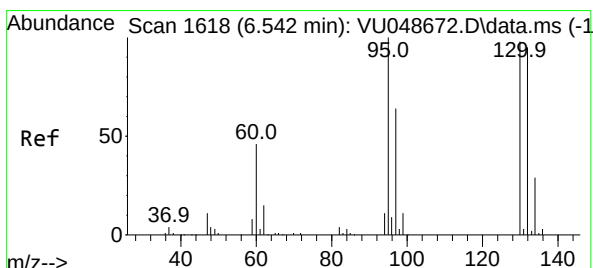
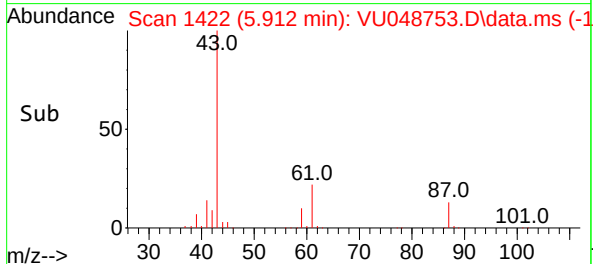
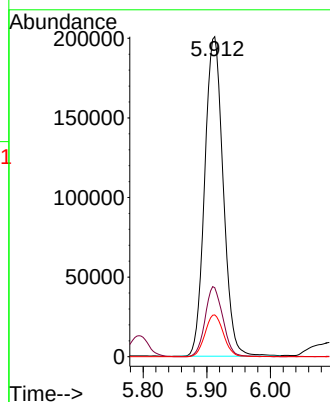
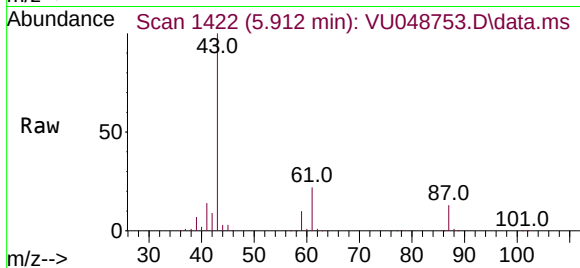
Tgt Ion: 43 Resp: 404818

Ion Ratio Lower Upper

43 100

61 21.1 16.7 25.1

87 13.0 10.9 16.3



#44

Trichloroethene

Concen: 45.604 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048753.D

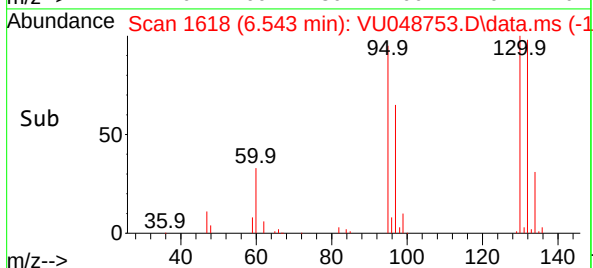
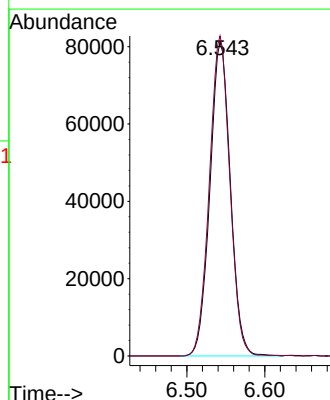
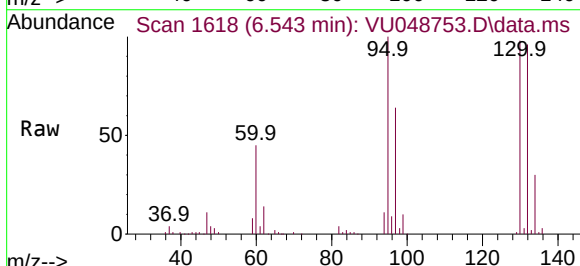
Acq: 31 May 2022 21:04

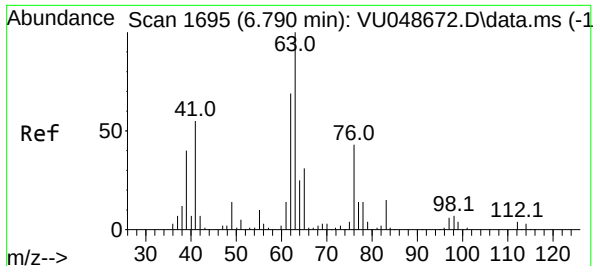
Tgt Ion:130 Resp: 147872

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.846 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

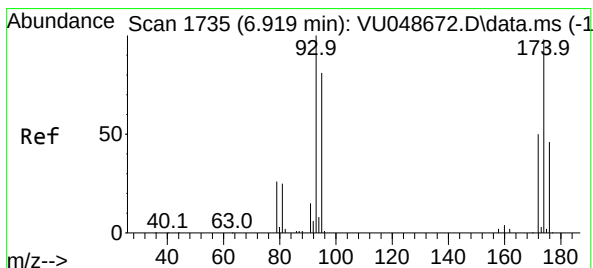
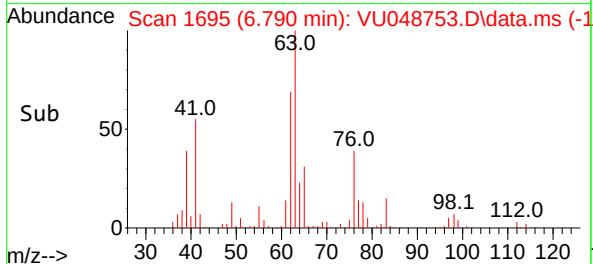
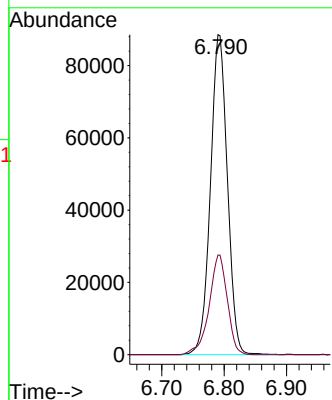
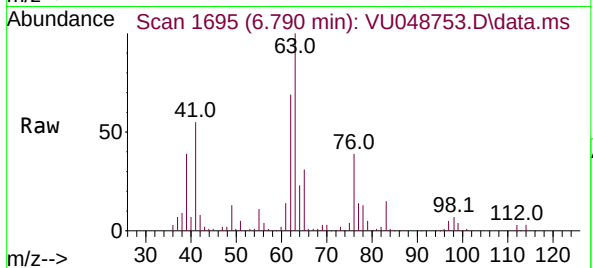
VSTDCCC050EC

Tgt Ion: 63 Resp: 167444

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#46

Dibromomethane

Concen: 49.384 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

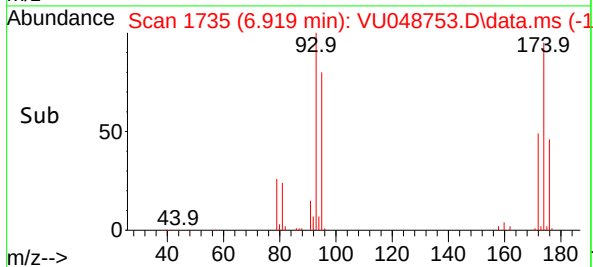
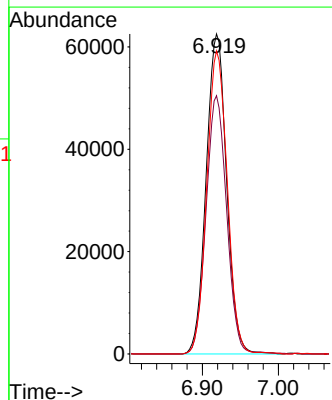
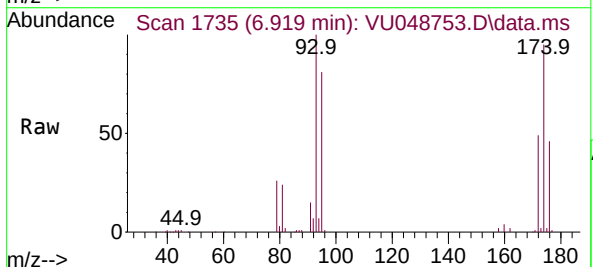
Tgt Ion: 93 Resp: 116904

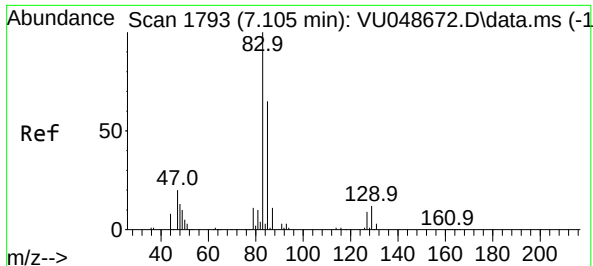
Ion Ratio Lower Upper

93 100

95 81.3 65.1 97.7

174 94.5 77.8 116.6

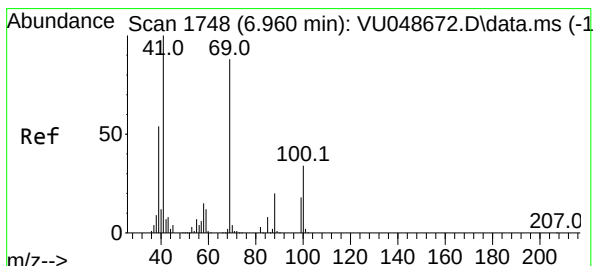
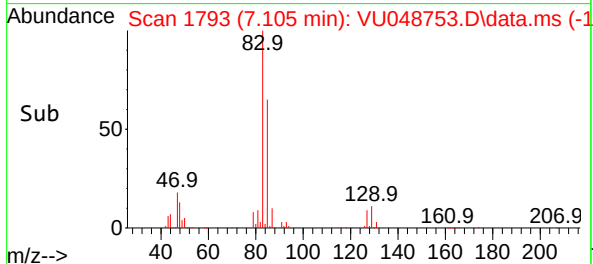
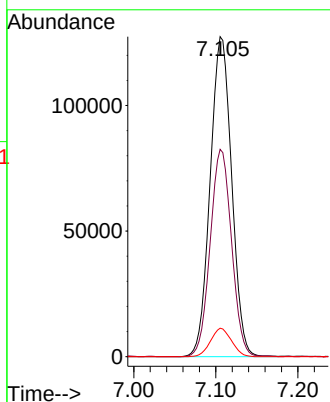
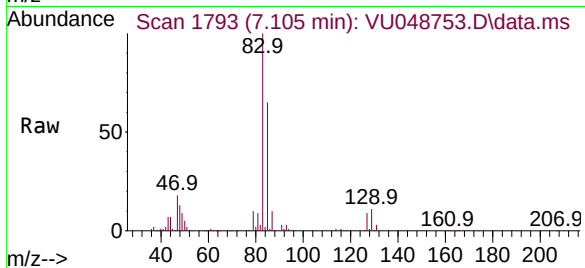




#47
Bromodichloromethane
Concen: 48.606 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

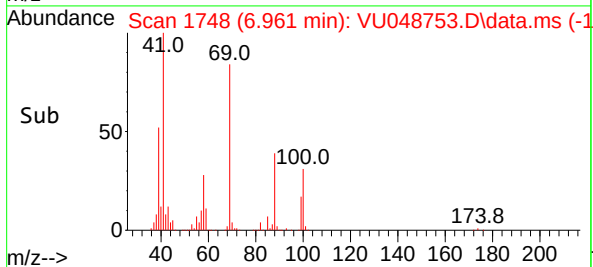
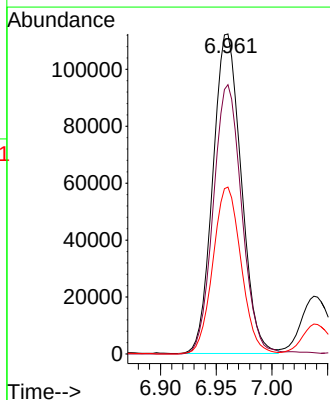
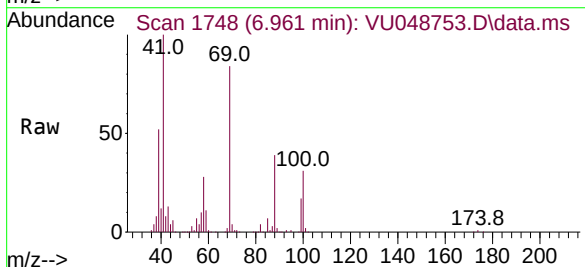
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

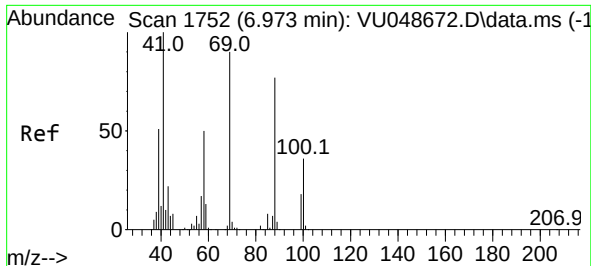
Tgt Ion: 83 Resp: 232688
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 8.9 6.9 10.3



#48
Methyl methacrylate
Concen: 56.598 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 41 Resp: 198747
Ion Ratio Lower Upper
41 100
69 85.1 70.7 106.1
39 52.1 43.4 65.2





#49

1,4-Dioxane

Concen: 1044.860 ug/l

RT: 6.961 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

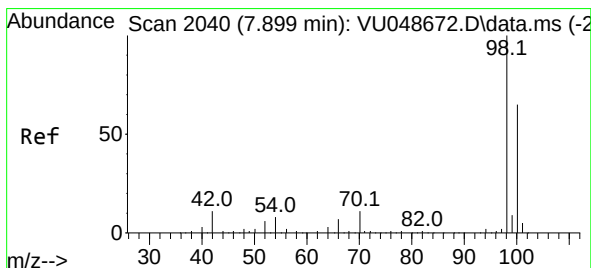
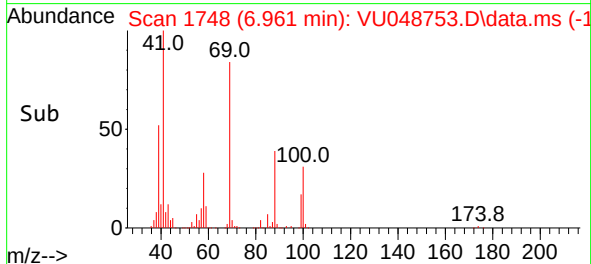
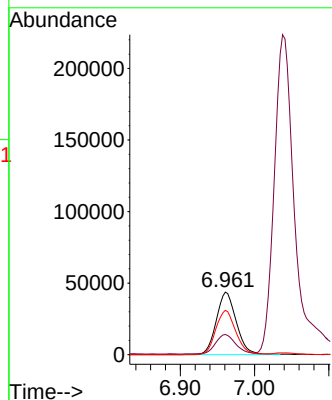
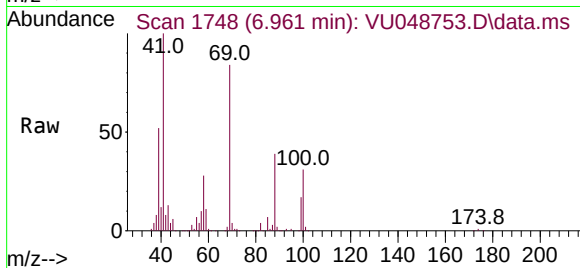
Tgt Ion: 88 Resp: 82020

Ion Ratio Lower Upper

88 100

43 31.0 24.6 36.8

58 70.6 54.7 82.1



#50

Toluene-d8

Concen: 47.662 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048753.D

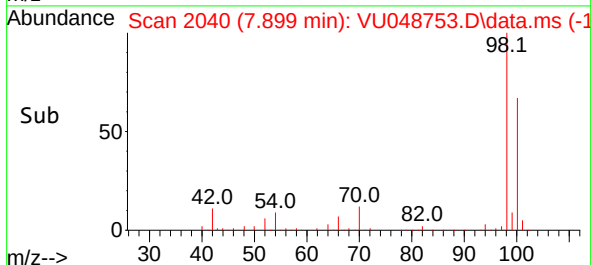
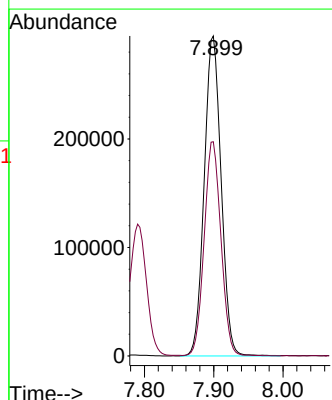
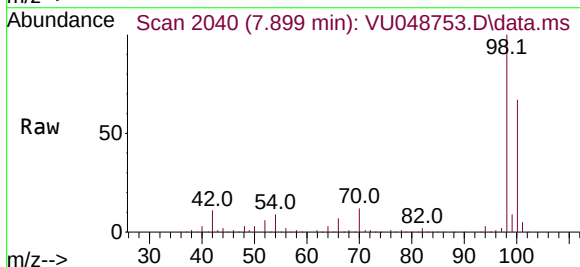
Acq: 31 May 2022 21:04

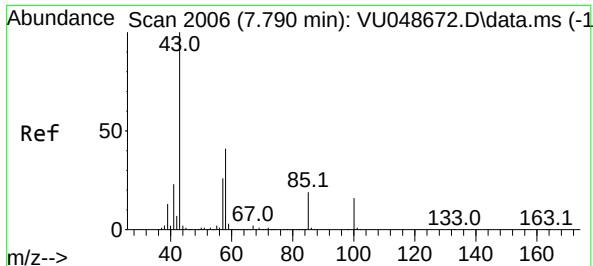
Tgt Ion: 98 Resp: 499048

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4

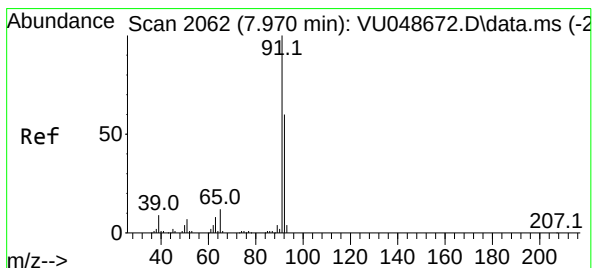
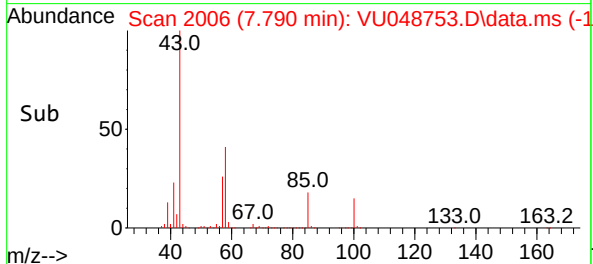
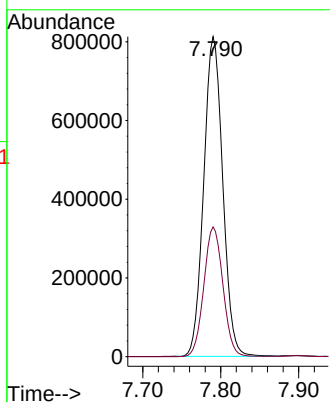
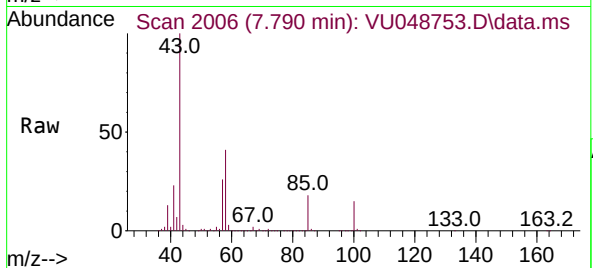




#51
4-Methyl-2-Pentanone
Concen: 270.904 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

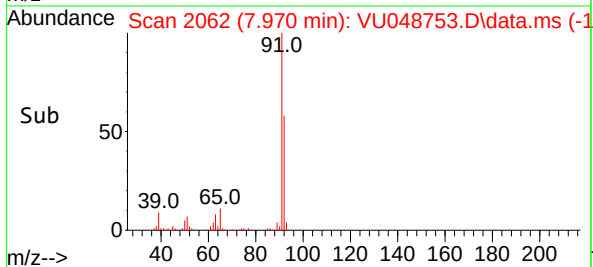
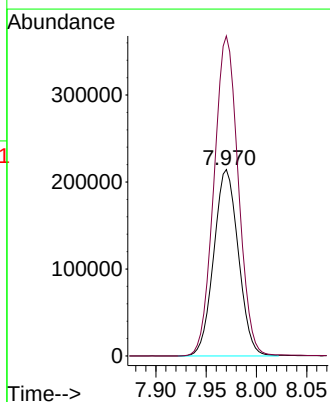
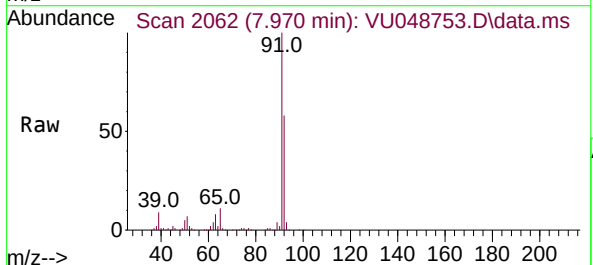
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

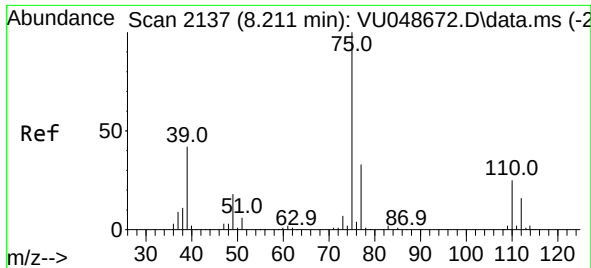
Tgt Ion: 43 Resp: 1375954
Ion Ratio Lower Upper
43 100
58 40.9 32.7 49.1



#52
Toluene
Concen: 48.401 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 92 Resp: 364376
Ion Ratio Lower Upper
92 100
91 170.2 135.0 202.4

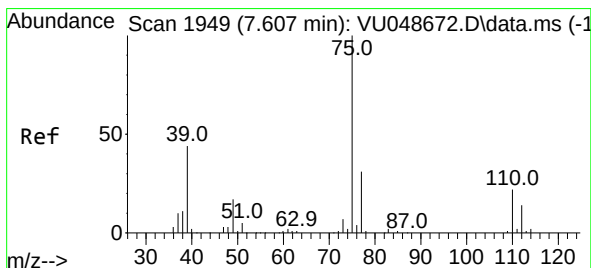
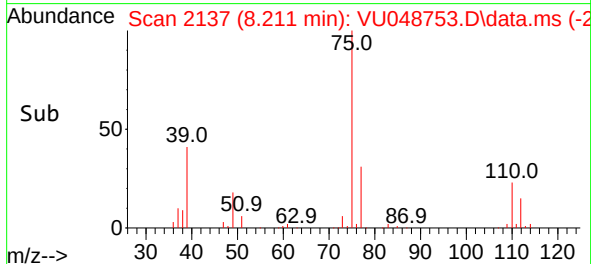
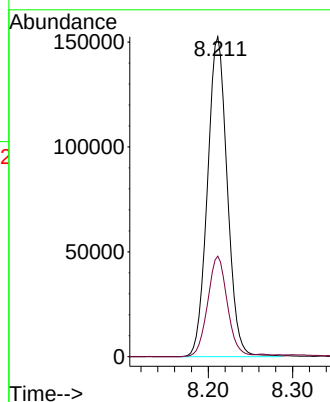
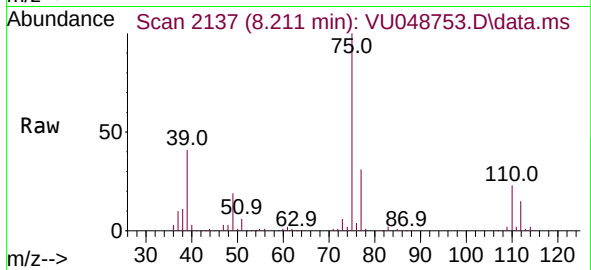




#53
 t-1,3-Dichloropropene
 Concen: 48.222 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

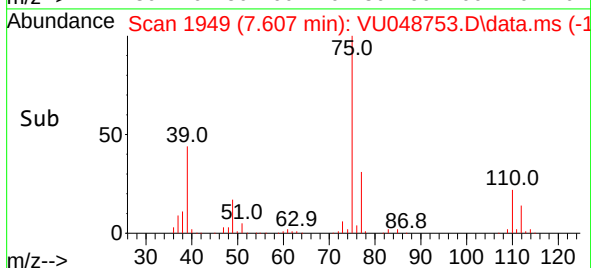
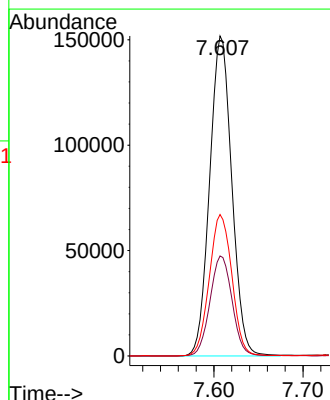
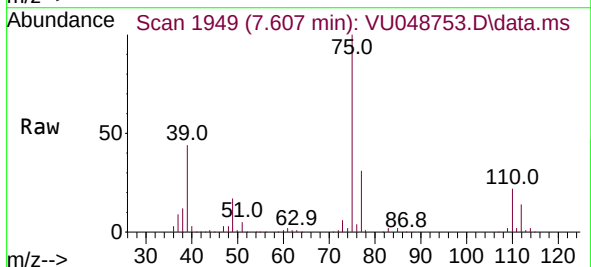
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

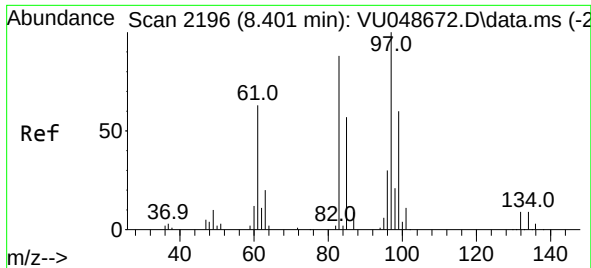
Tgt Ion: 75 Resp: 249022
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.913 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

Tgt Ion: 75 Resp: 261743
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3
 39 44.1 35.2 52.8

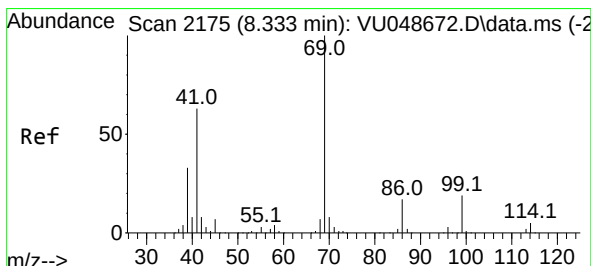
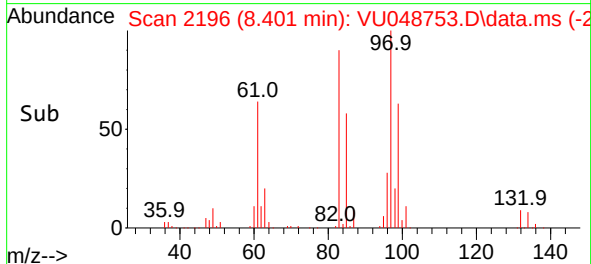
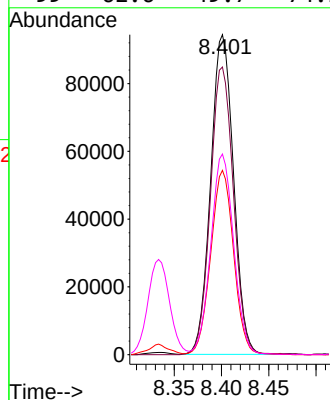
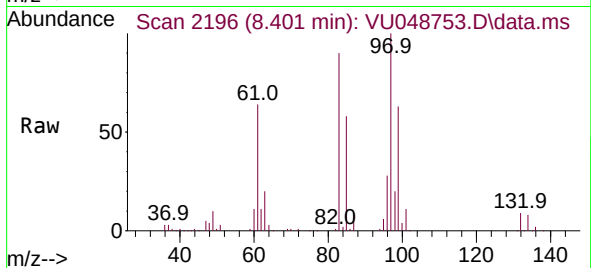




#55
1,1,2-Trichloroethane
Concen: 47.697 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

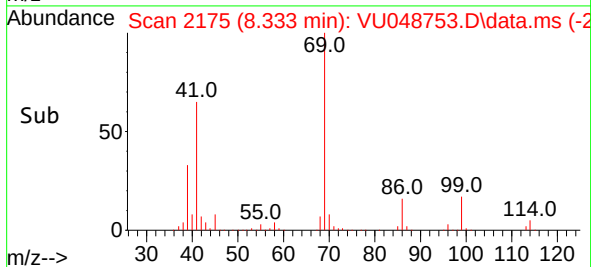
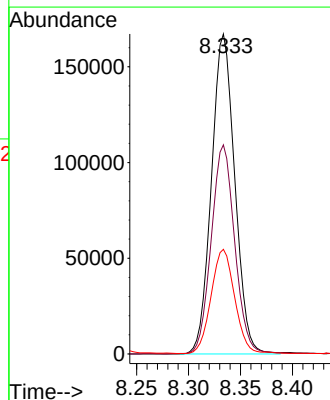
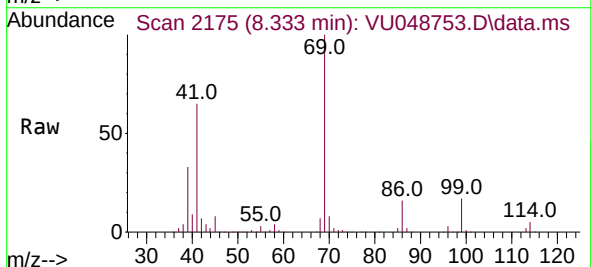
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

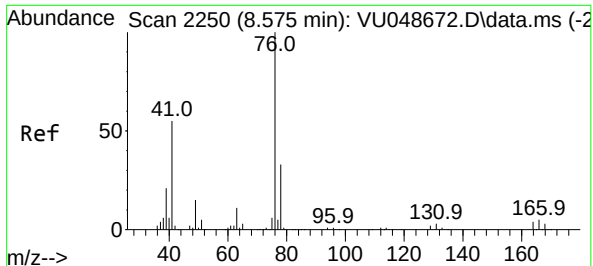
Tgt Ion:	97	Resp:	158474
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.2	105.4
85	57.5	45.6	68.4
99	62.6	49.7	74.5



#56
Ethyl methacrylate
Concen: 49.740 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:	69	Resp:	261073
Ion	Ratio	Lower	Upper
69	100		
41	66.0	50.6	76.0
39	33.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.205 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

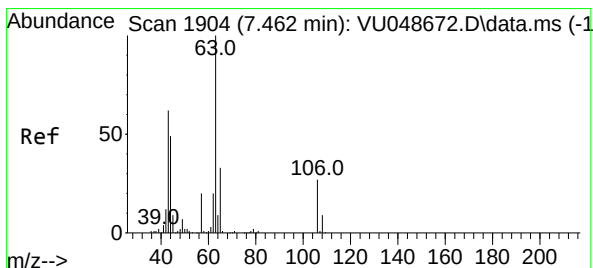
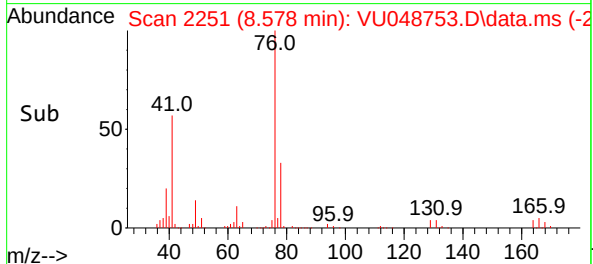
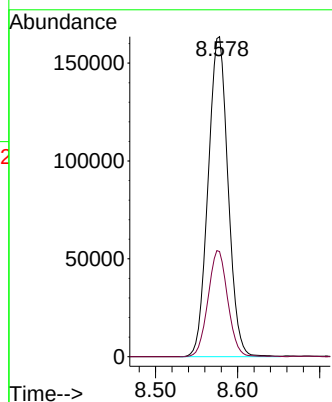
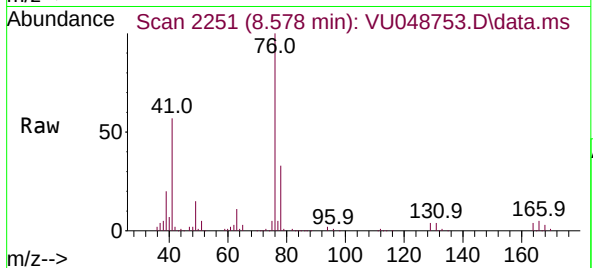
VSTDCCC050EC

Tgt Ion: 76 Resp: 275152

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.644 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048753.D

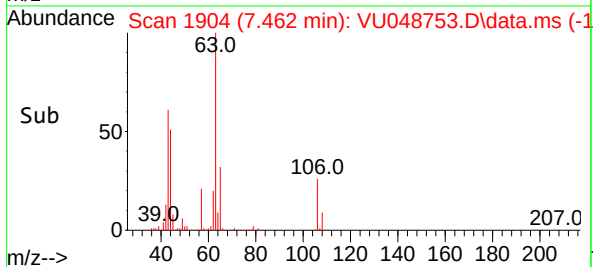
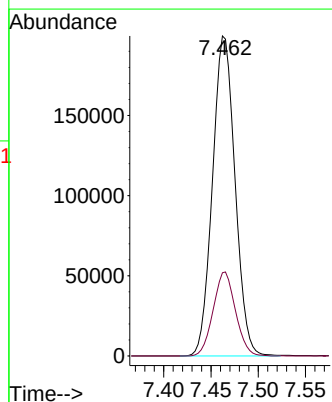
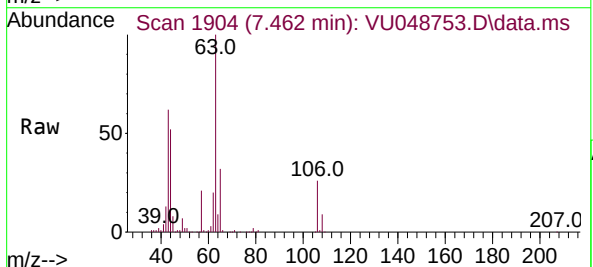
Acq: 31 May 2022 21:04

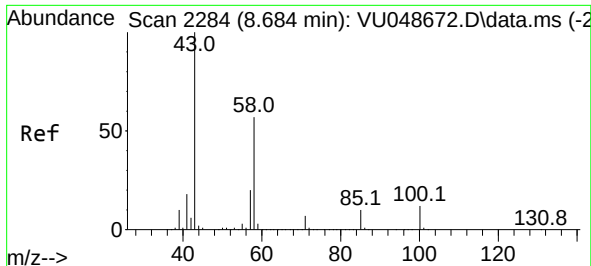
Tgt Ion: 63 Resp: 331338

Ion Ratio Lower Upper

63 100

106 25.9 22.2 33.2





#59

2-Hexanone

Concen: 274.626 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

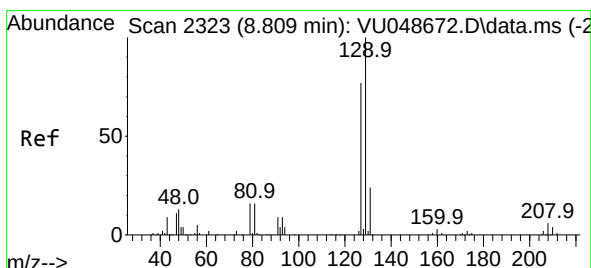
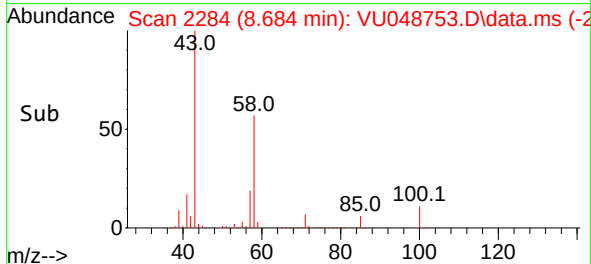
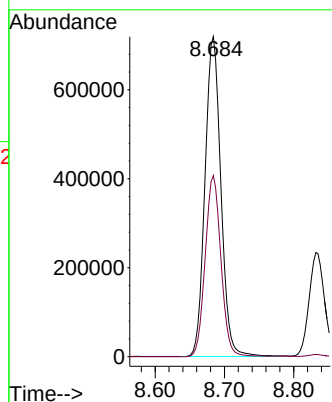
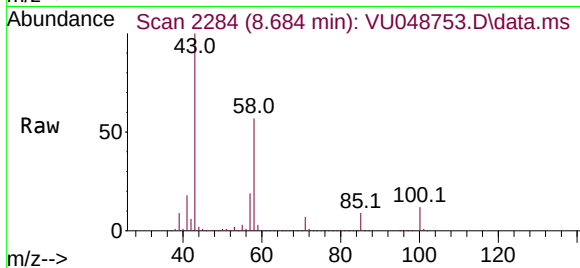
VSTDCCC050EC

Tgt Ion: 43 Resp: 1145138

Ion Ratio Lower Upper

43 100

58 56.0 28.2 84.6



#60

Dibromochloromethane

Concen: 48.787 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU048753.D

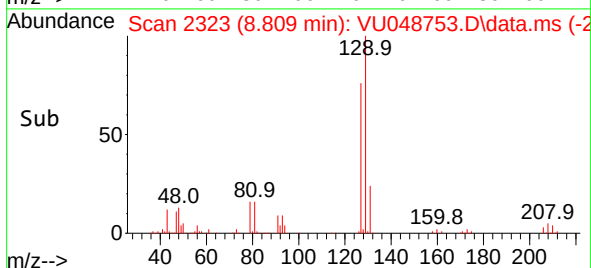
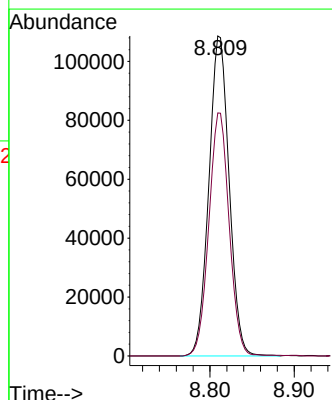
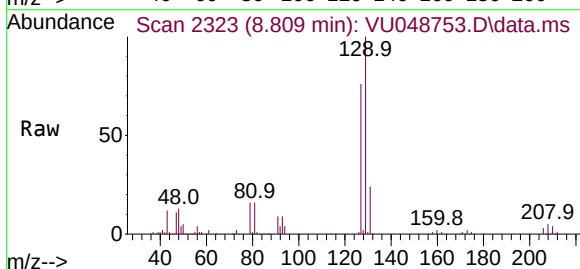
Acq: 31 May 2022 21:04

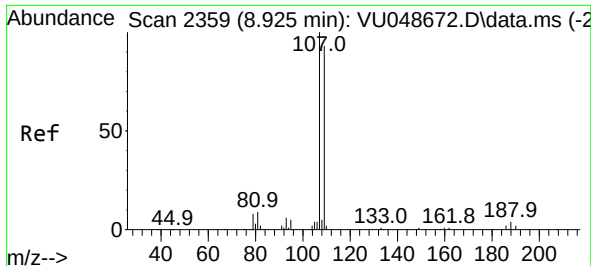
Tgt Ion:129 Resp: 181700

Ion Ratio Lower Upper

129 100

127 76.0 38.5 115.3

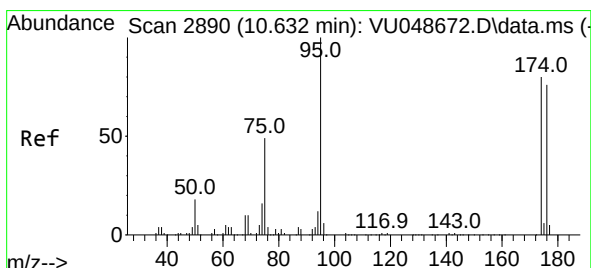
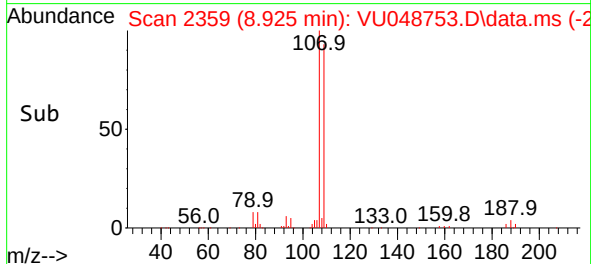
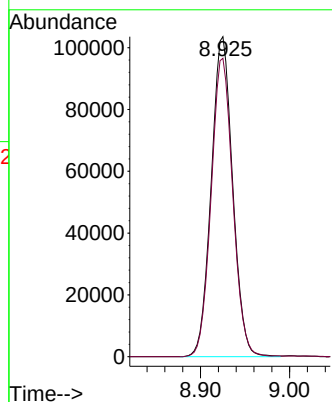
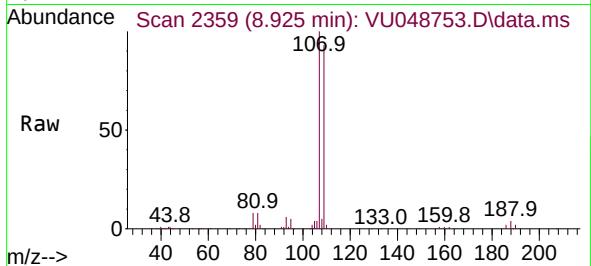




#61
1,2-Dibromoethane
Concen: 47.297 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

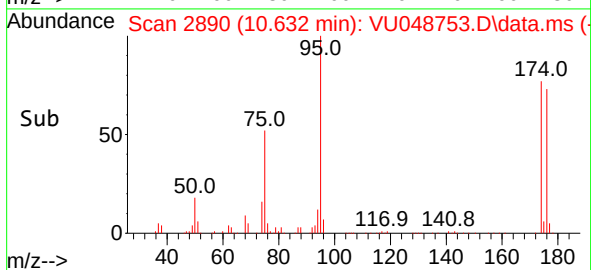
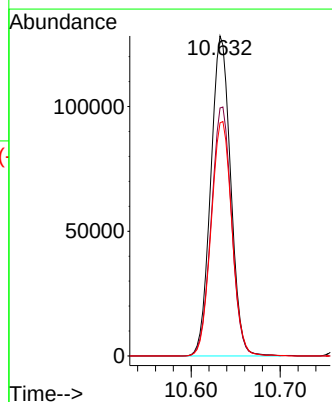
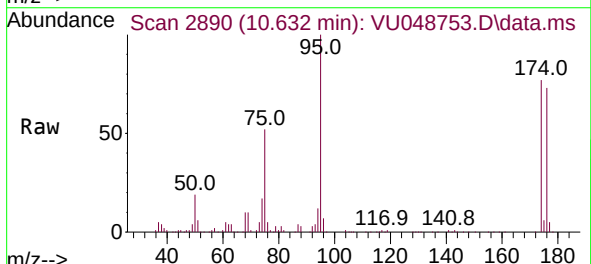
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

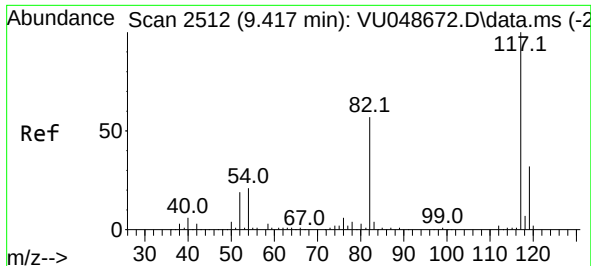
Tgt Ion:107 Resp: 173063
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.344 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 95 Resp: 199357
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.4
176 76.3 0.0 152.4

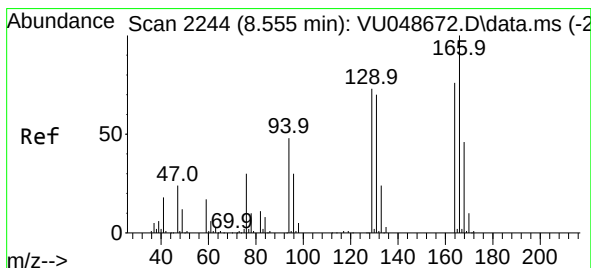
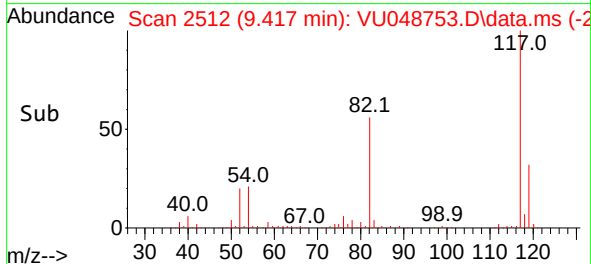
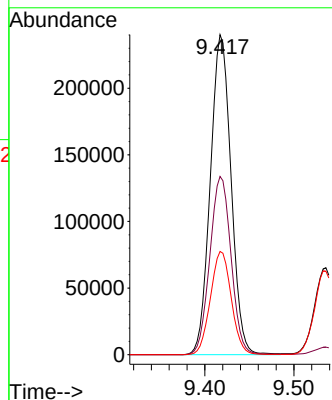
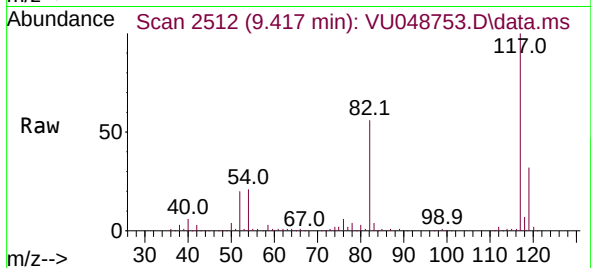




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

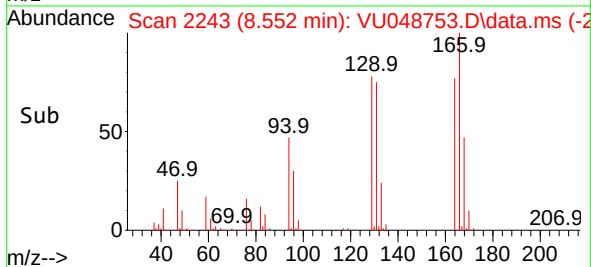
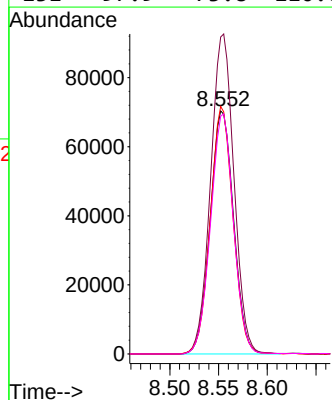
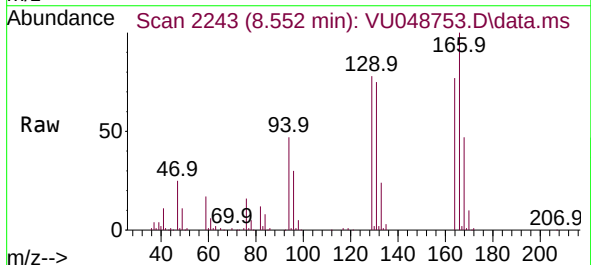
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

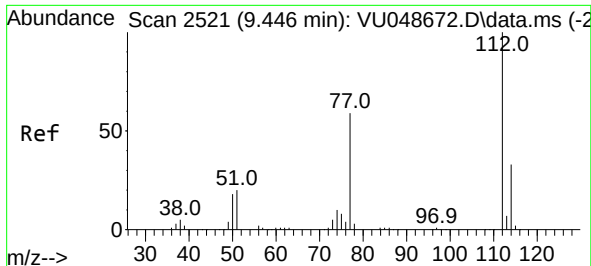
Tgt Ion:117 Resp: 387909
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 43.704 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:164 Resp: 118098
Ion Ratio Lower Upper
164 100
166 130.4 105.0 157.4
129 101.9 76.5 114.7
131 97.9 73.8 110.6

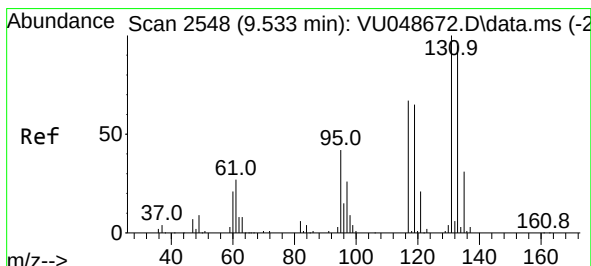
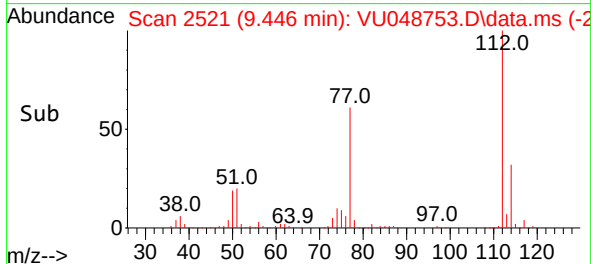
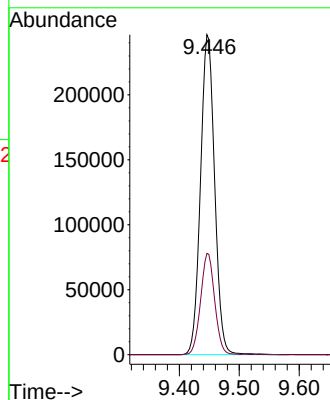
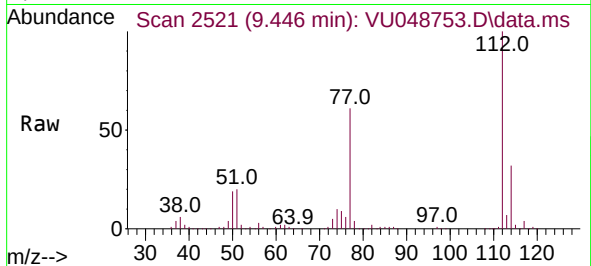




#65
Chlorobenzene
Concen: 49.409 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

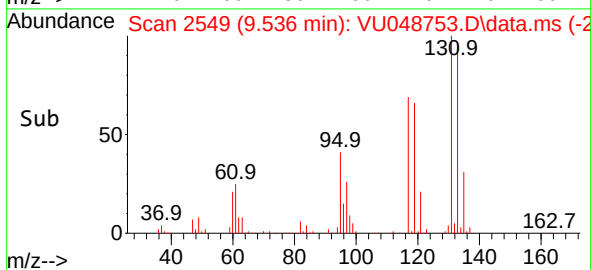
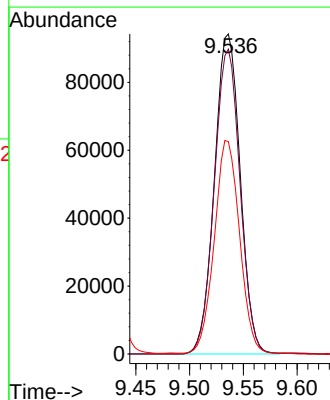
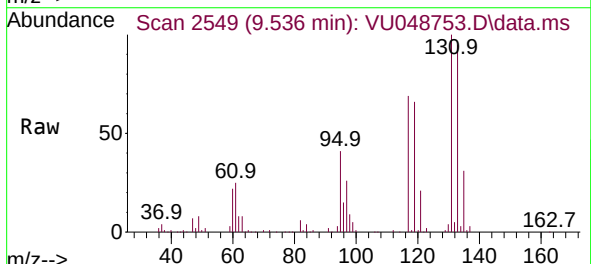
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

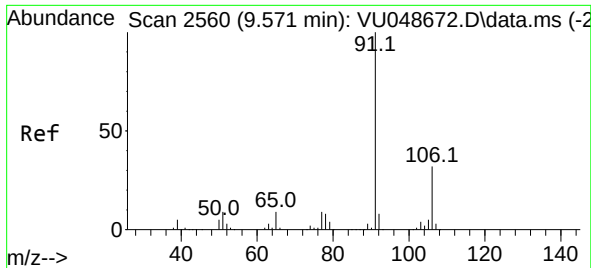
Tgt Ion:112 Resp: 405369
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.441 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:131 Resp: 157083
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 65.9 32.7 98.1





#67

Ethyl Benzene

Concen: 51.886 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

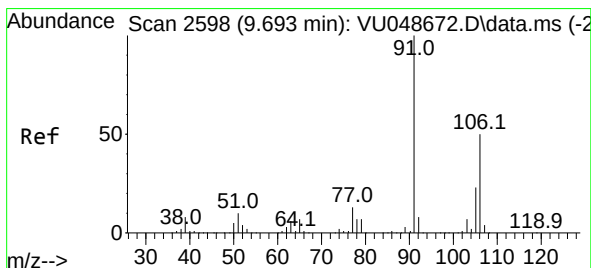
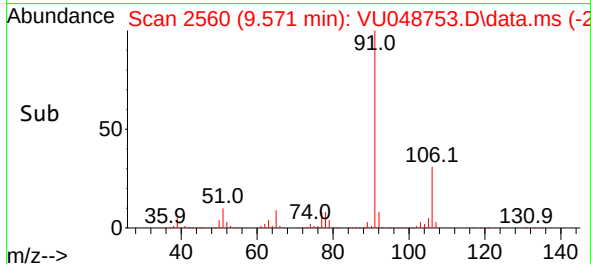
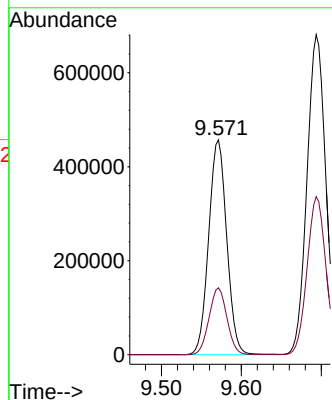
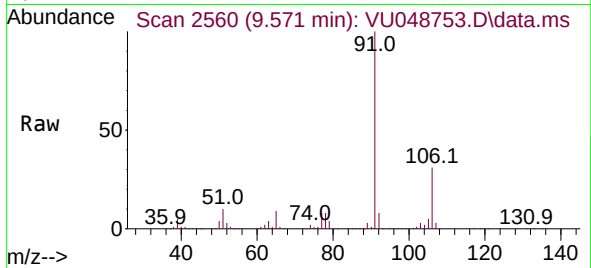
VSTDCCC050EC

Tgt Ion: 91 Resp: 717971

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 101.543 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048753.D

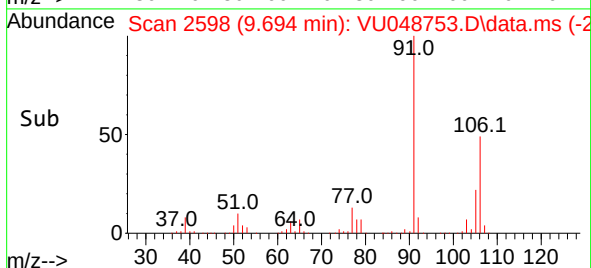
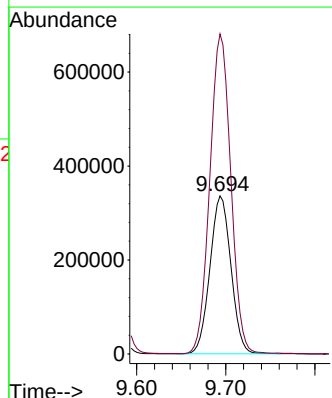
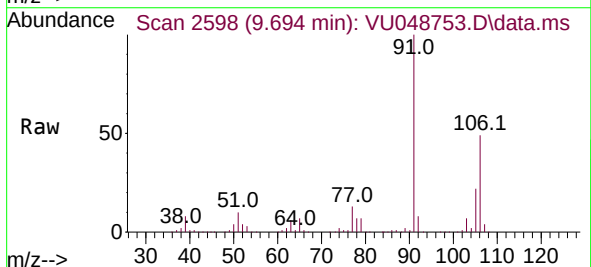
Acq: 31 May 2022 21:04

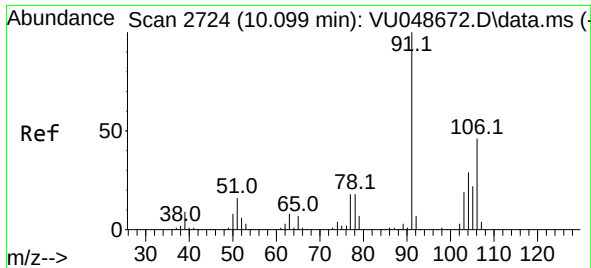
Tgt Ion: 106 Resp: 549545

Ion Ratio Lower Upper

106 100

91 201.9 162.4 243.6

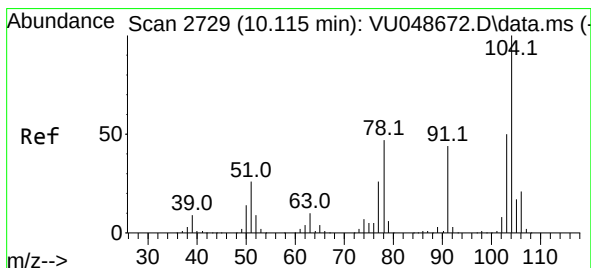
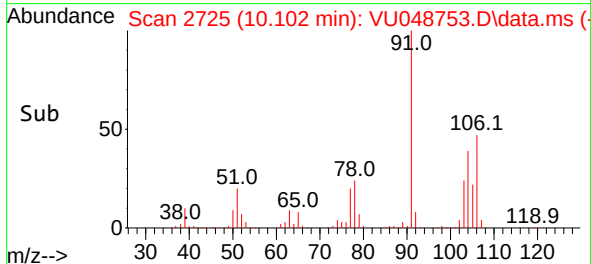
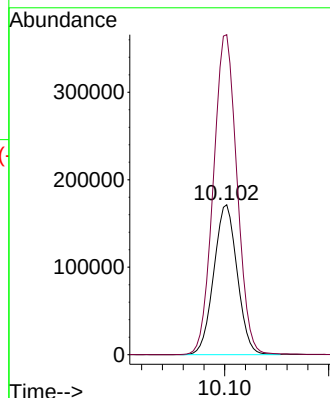
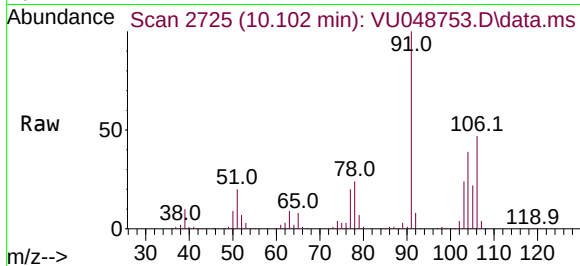




#69
o-Xylene
Concen: 50.483 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

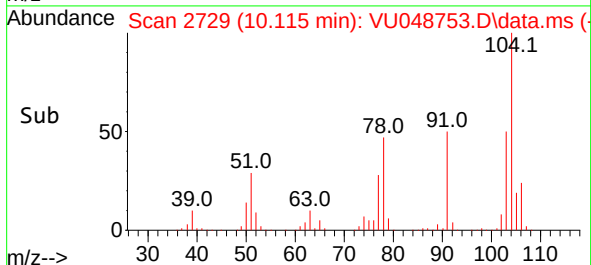
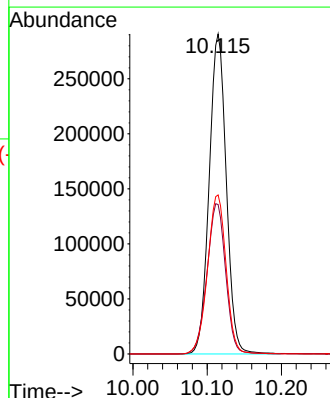
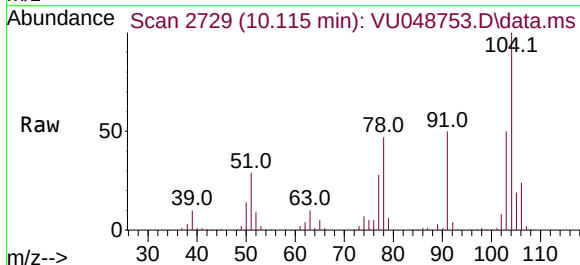
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

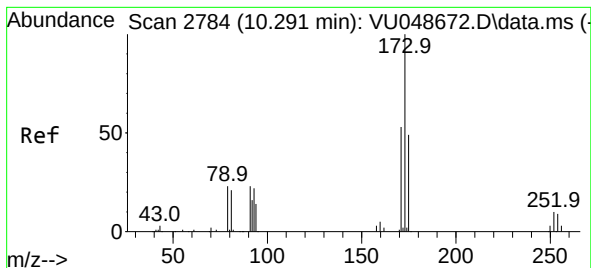
Tgt Ion:106 Resp: 268418
Ion Ratio Lower Upper
106 100
91 216.2 107.7 323.3



#70
Styrene
Concen: 53.137 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:104 Resp: 464719
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 54.0 43.4 65.2





#71

Bromoform

Concen: 50.336 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

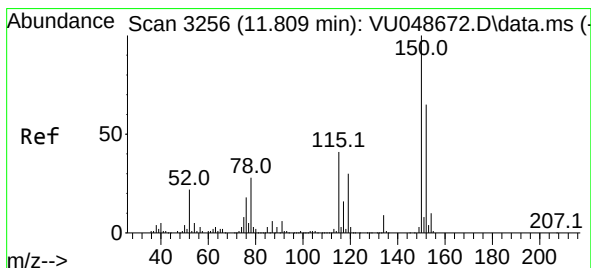
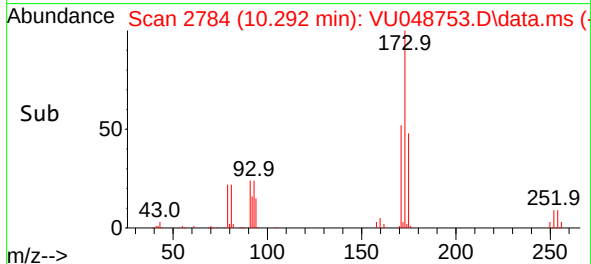
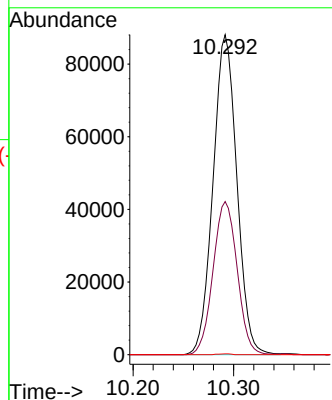
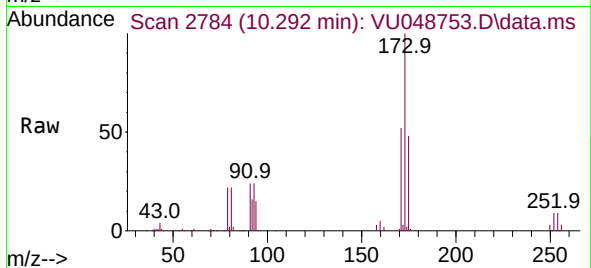
Tgt Ion:173 Resp: 144932

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

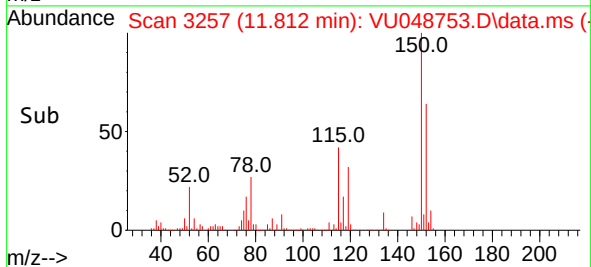
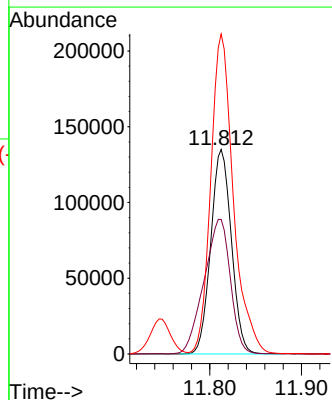
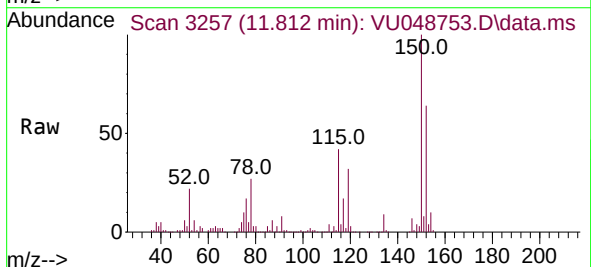
Tgt Ion:152 Resp: 210850

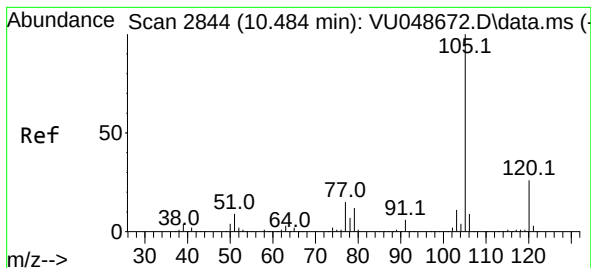
Ion Ratio Lower Upper

152 100

115 83.9 41.8 125.4

150 171.1 0.0 341.0





#73

Isopropylbenzene

Concen: 52.228 ug/l

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

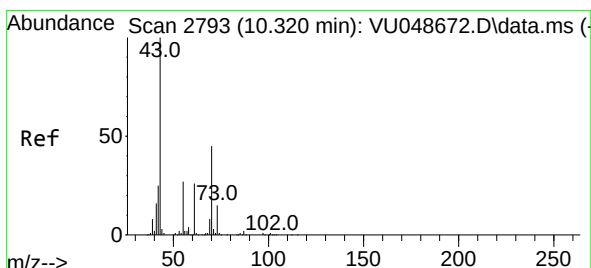
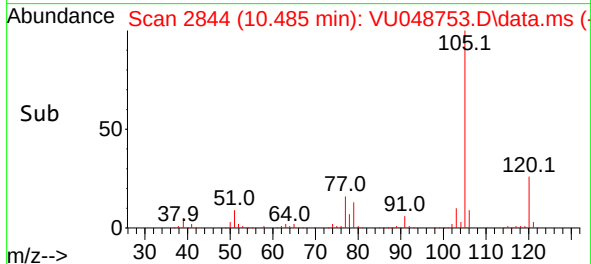
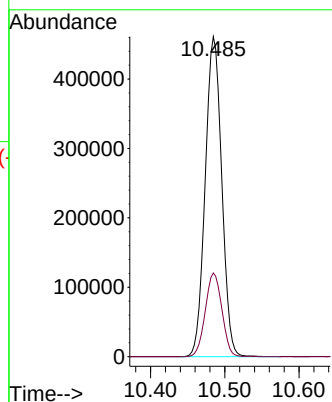
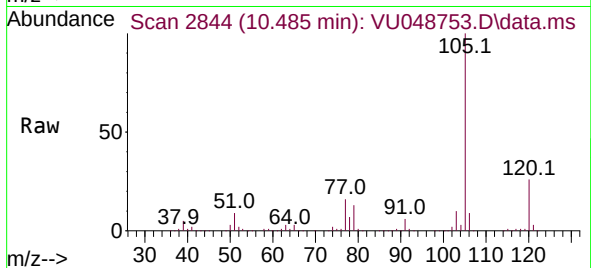
VSTDCCC050EC

Tgt Ion:105 Resp: 710954

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 50.976 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.001 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Tgt Ion: 43 Resp: 351650

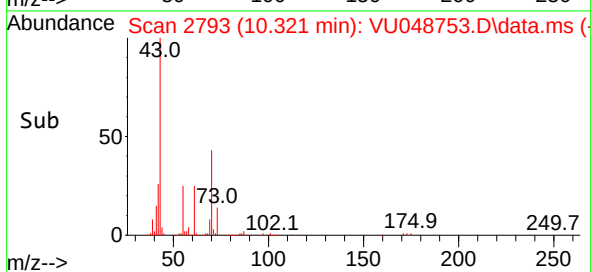
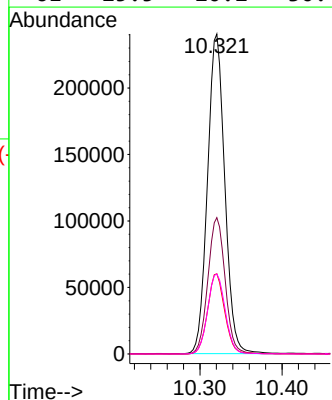
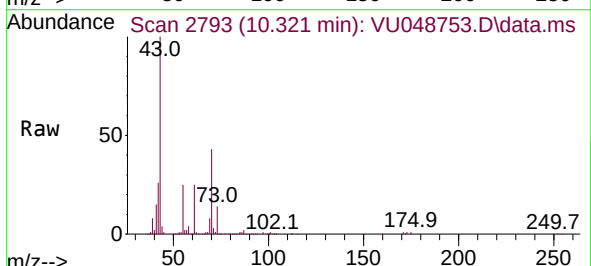
Ion Ratio Lower Upper

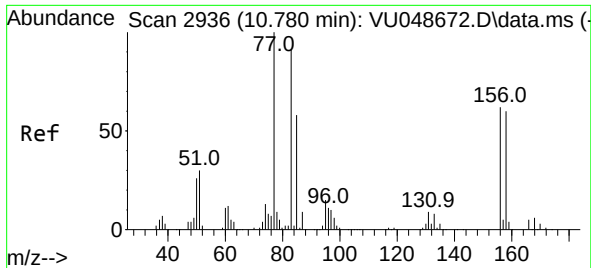
43 100

70 42.7 35.8 53.6

55 25.0 21.1 31.7

61 25.5 20.2 30.4

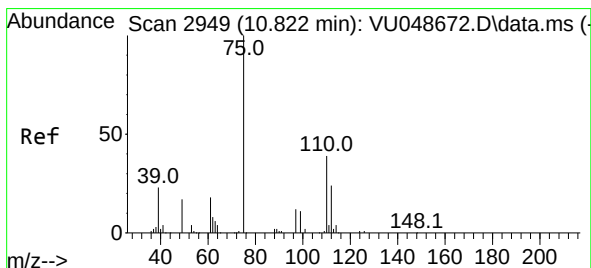
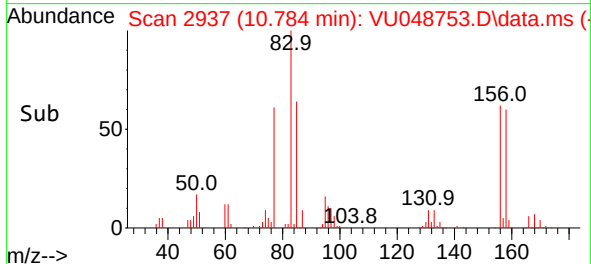
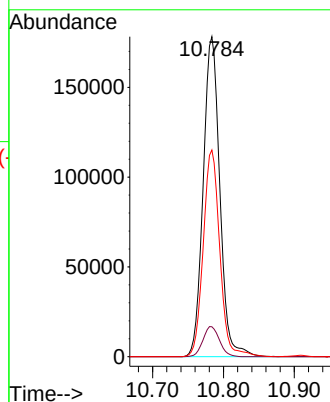
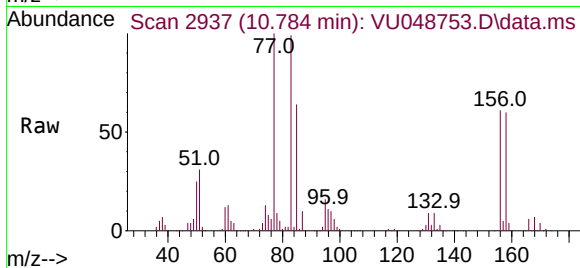




#75
1,1,2,2-Tetrachloroethane
Concen: 52.311 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

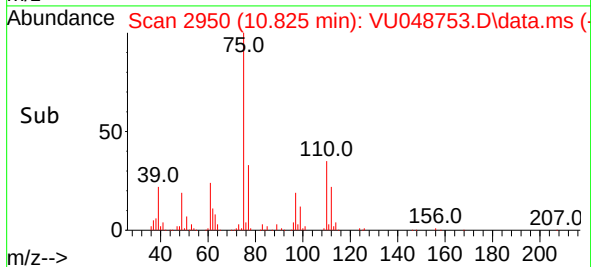
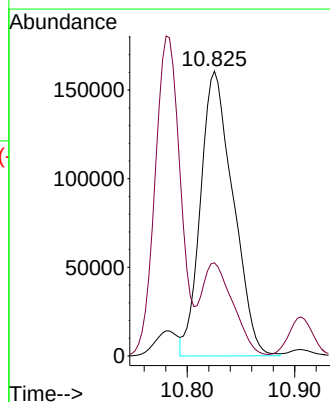
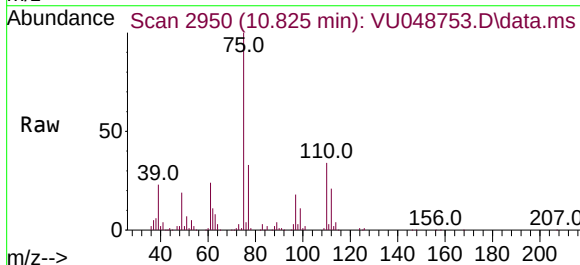
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

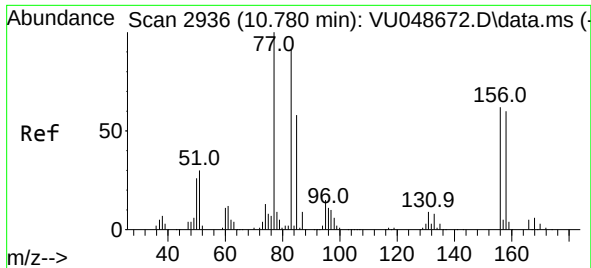
Tgt Ion: 83 Resp: 290588
Ion Ratio Lower Upper
83 100
131 9.3 5.2 15.6
85 64.2 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 49.721 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 75 Resp: 338016
Ion Ratio Lower Upper
75 100
77 30.3 14.8 44.3

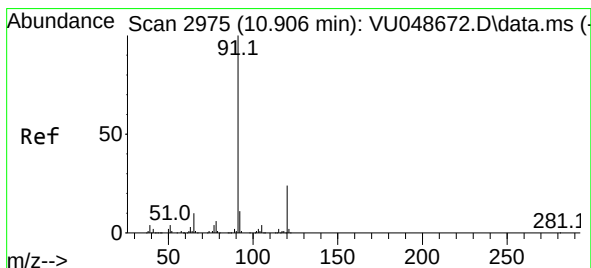
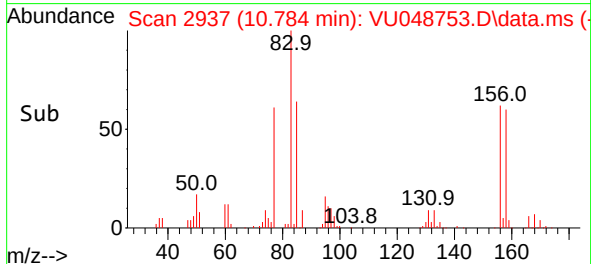
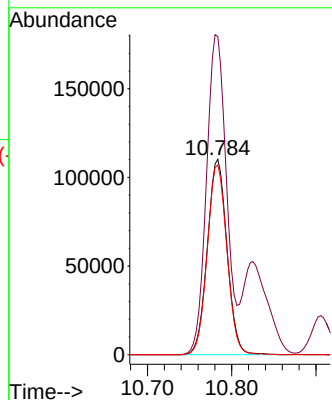
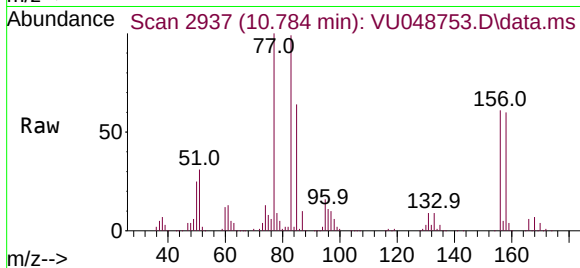




#77
Bromobenzene
Concen: 49.029 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

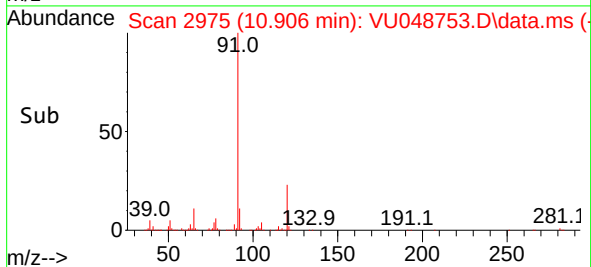
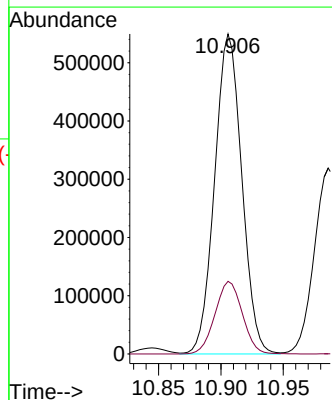
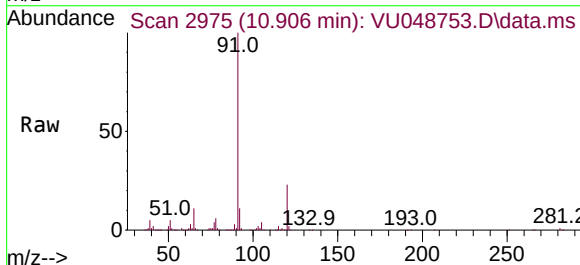
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

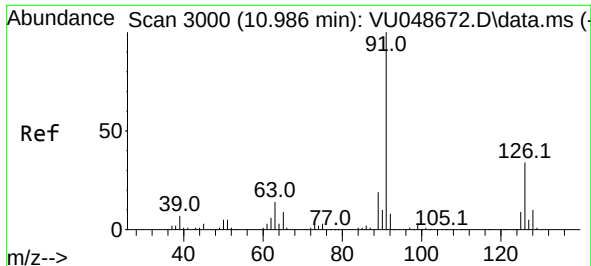
Tgt Ion:156 Resp: 179239
Ion Ratio Lower Upper
156 100
77 164.9 81.1 243.3
158 96.9 48.8 146.4



#78
n-propylbenzene
Concen: 51.362 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 91 Resp: 833113
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7

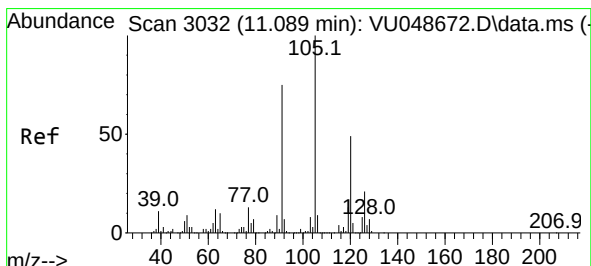
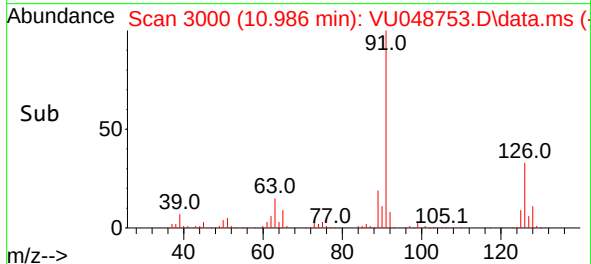
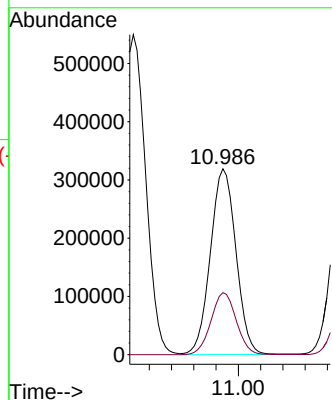
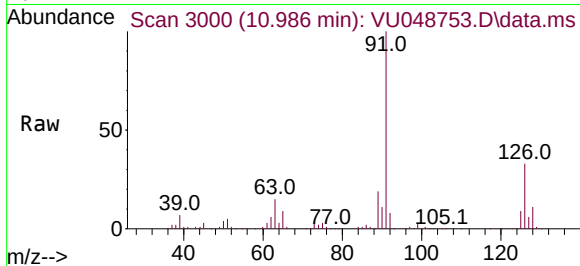




#79
2-Chlorotoluene
Concen: 50.508 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

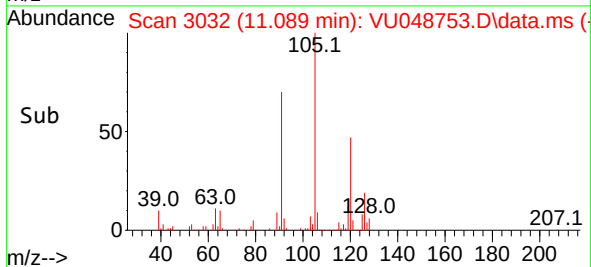
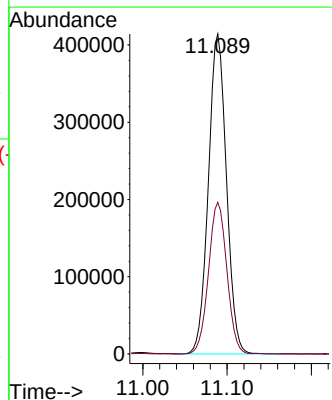
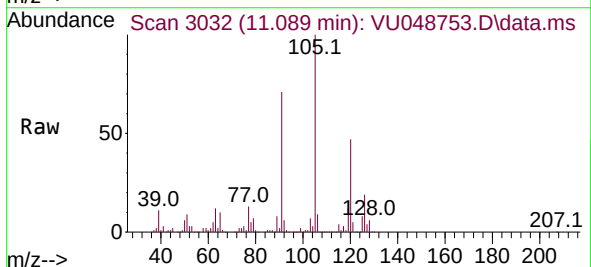
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

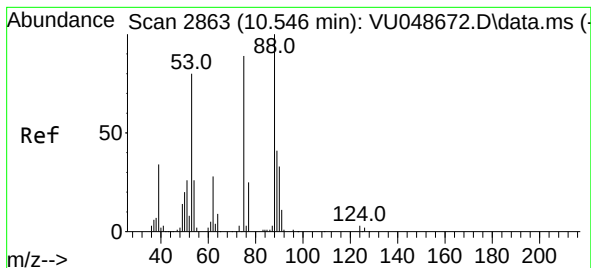
Tgt Ion: 91 Resp: 509469
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 52.119 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 105 Resp: 616974
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

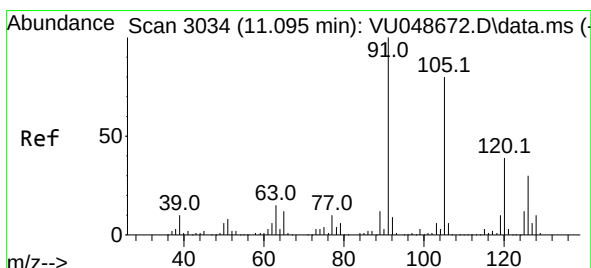
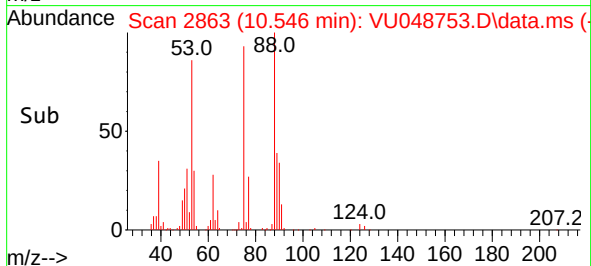
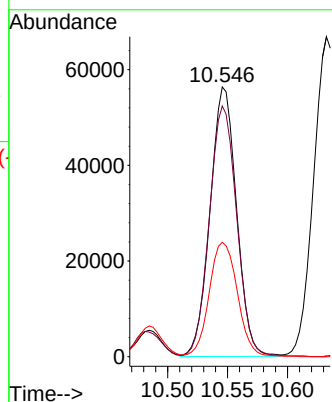
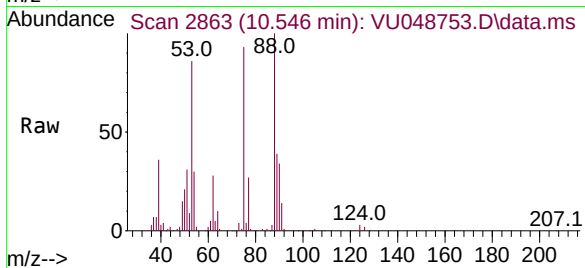




#81
trans-1,4-Dichloro-2-butene
Concen: 46.186 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

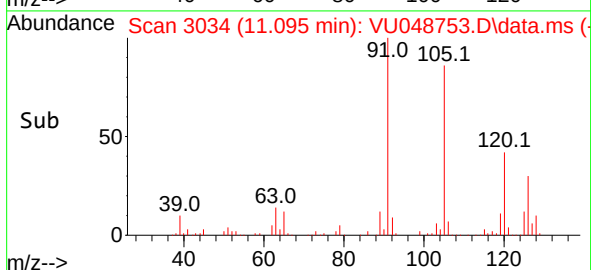
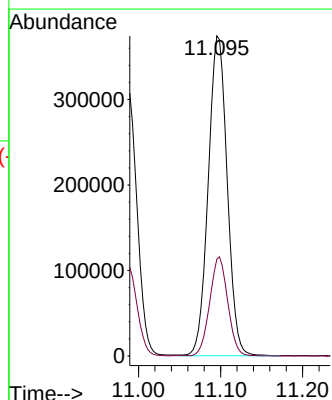
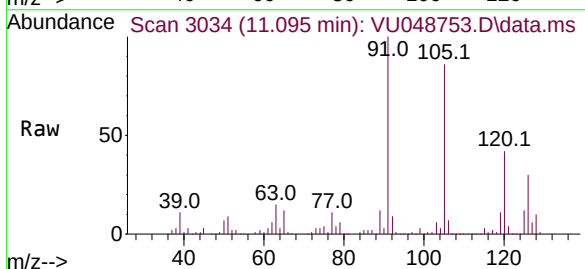
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

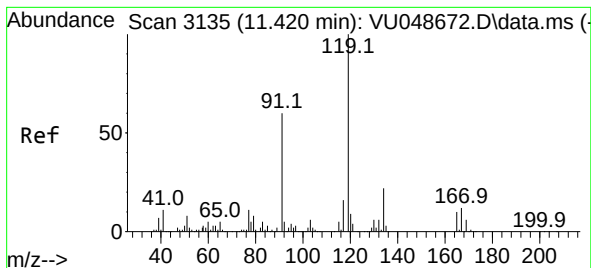
Tgt Ion: 75 Resp: 86478
Ion Ratio Lower Upper
75 100
53 95.5 72.5 108.7
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.509 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 91 Resp: 599472
Ion Ratio Lower Upper
91 100
126 29.5 14.4 43.2





#83

tert-Butylbenzene

Concen: 53.575 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

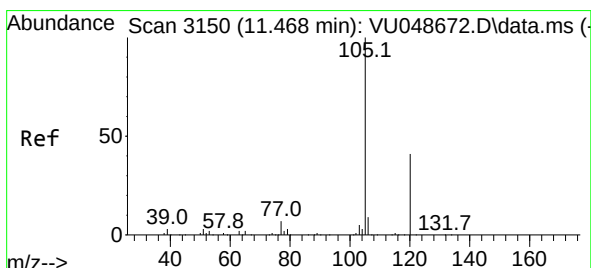
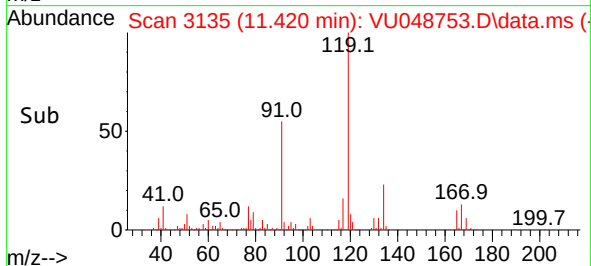
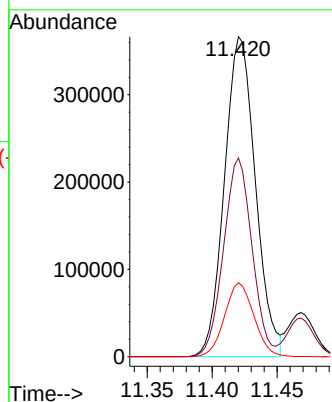
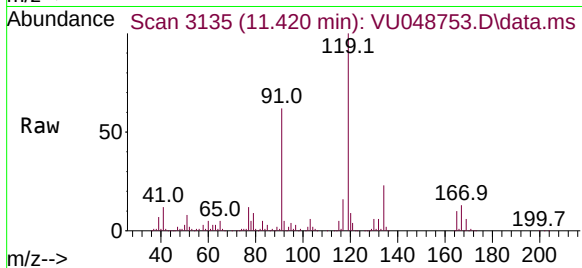
Tgt Ion:119 Resp: 608683

Ion Ratio Lower Upper

119 100

91 57.3 28.7 86.1

134 21.9 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 49.123 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048753.D

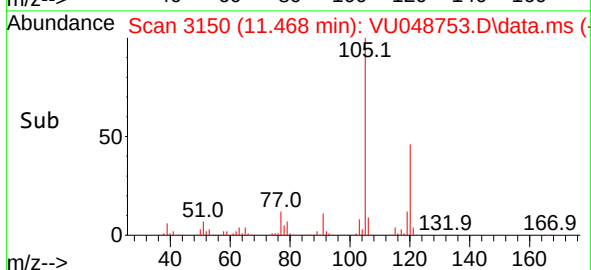
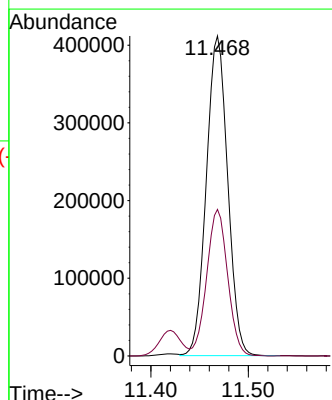
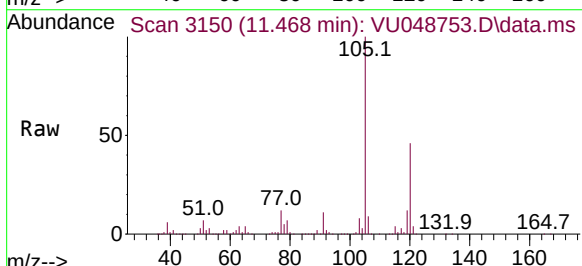
Acq: 31 May 2022 21:04

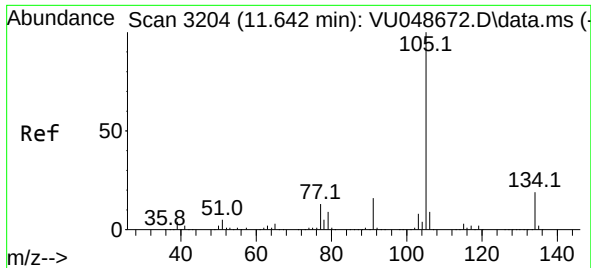
Tgt Ion:105 Resp: 626434

Ion Ratio Lower Upper

105 100

120 45.1 22.5 67.5

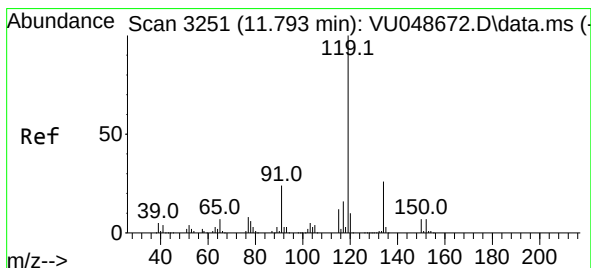
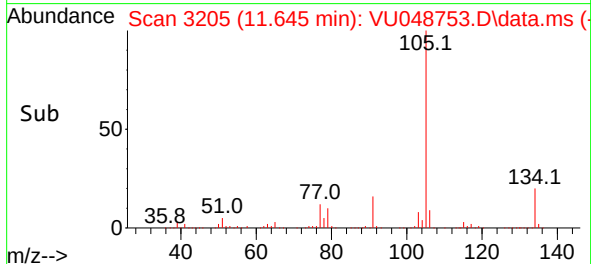
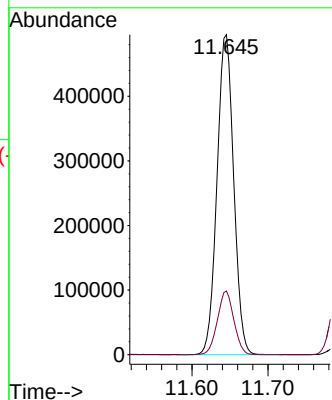
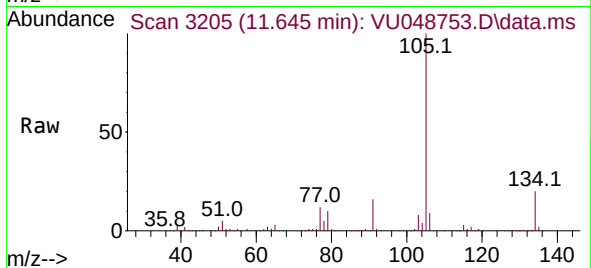




#85
 sec-Butylbenzene
 Concen: 53.065 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

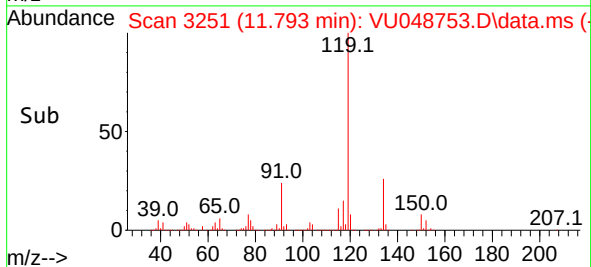
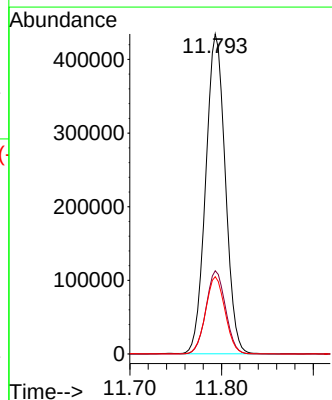
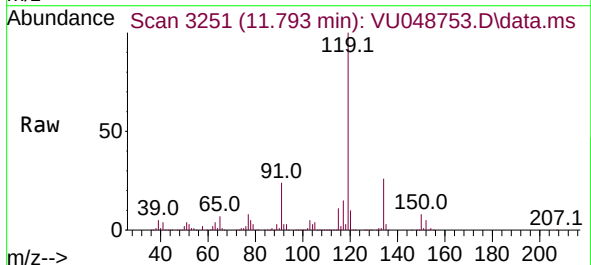
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

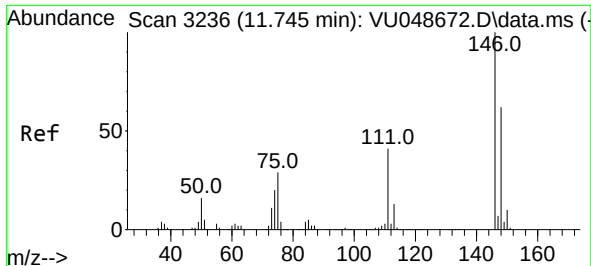
Tgt Ion:105 Resp: 754242
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 52.829 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048753.D
 Acq: 31 May 2022 21:04

Tgt Ion:119 Resp: 644830
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 48.560 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

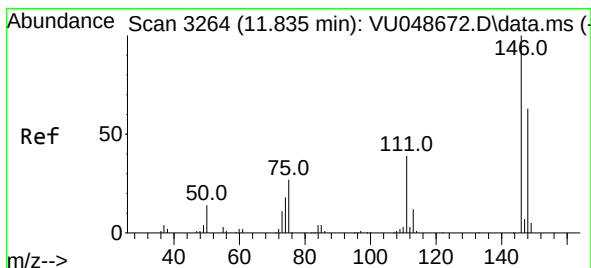
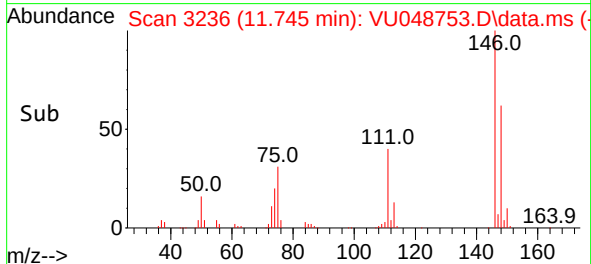
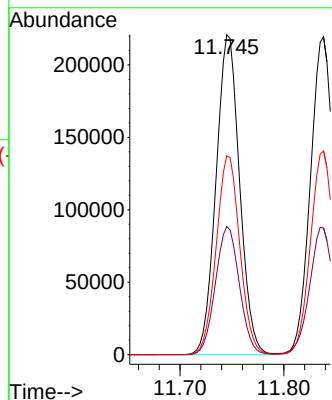
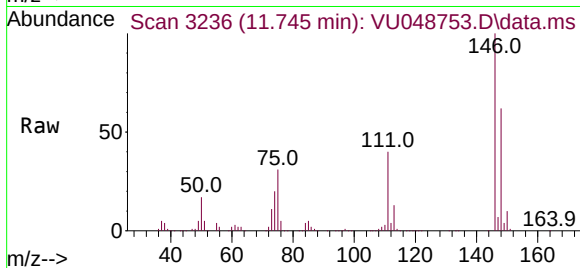
Tgt Ion:146 Resp: 348061

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

148 62.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.648 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

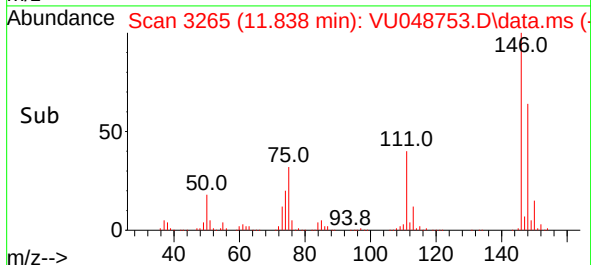
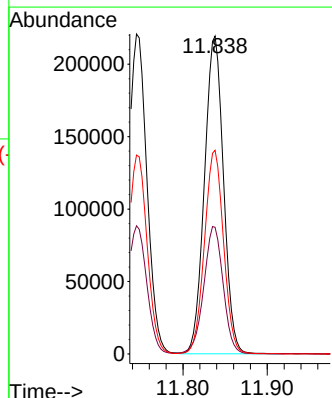
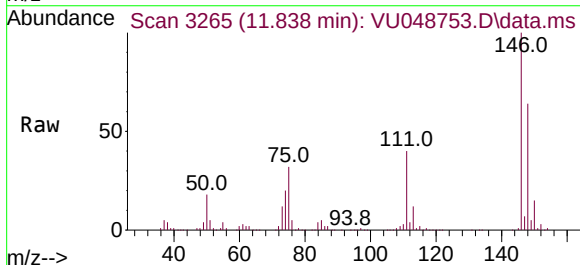
Tgt Ion:146 Resp: 345437

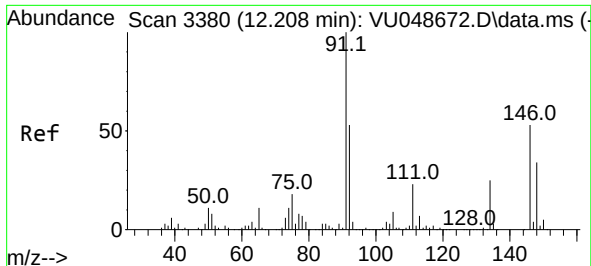
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 64.2 32.4 97.0

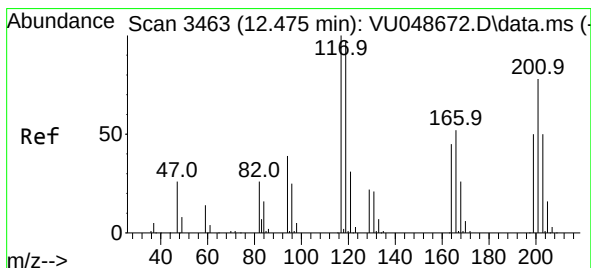
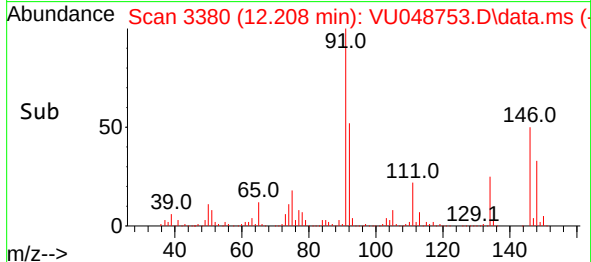
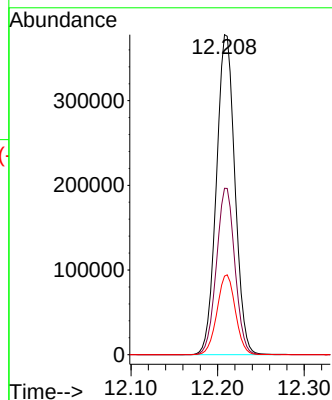
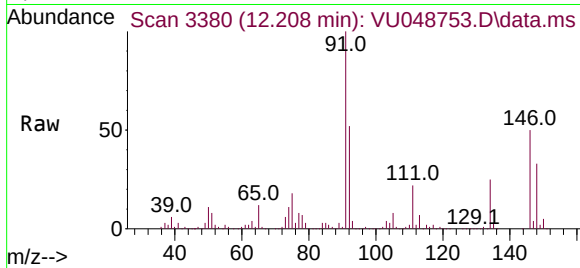




#89
n-Butylbenzene
Concen: 46.121 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

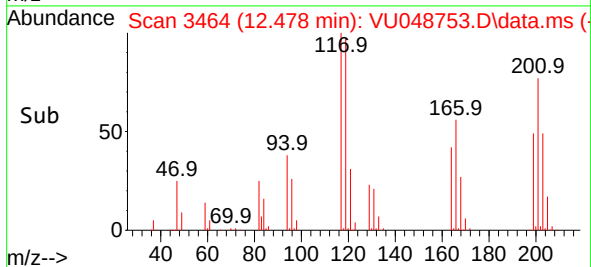
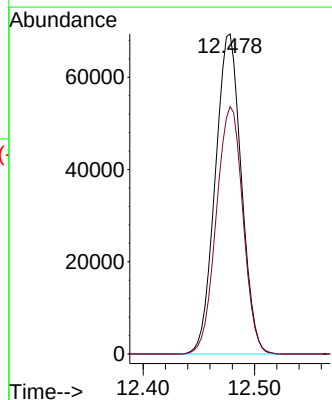
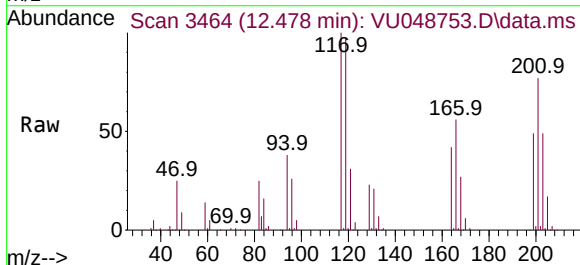
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

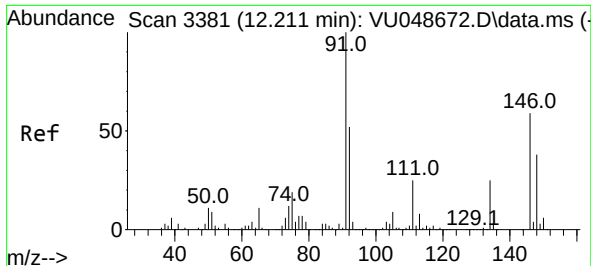
Tgt Ion: 91 Resp: 561329
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.8
134 24.8 12.5 37.5



#90
Hexachloroethane
Concen: 45.353 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 117 Resp: 112978
Ion Ratio Lower Upper
117 100
201 78.9 39.6 119.0

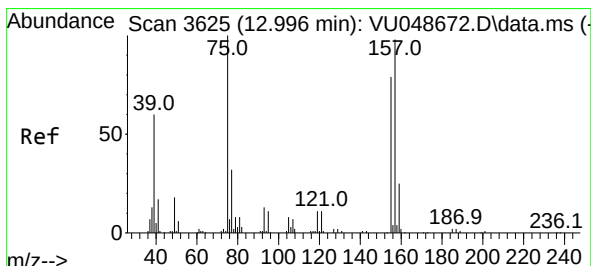
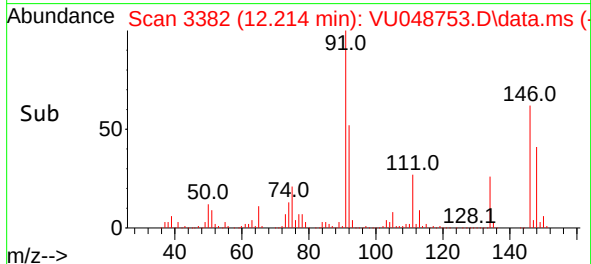
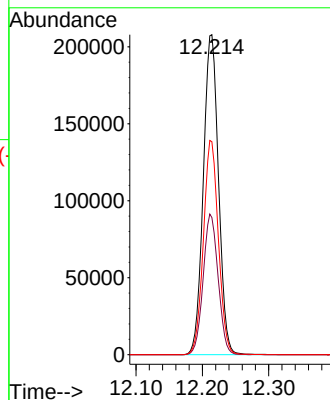
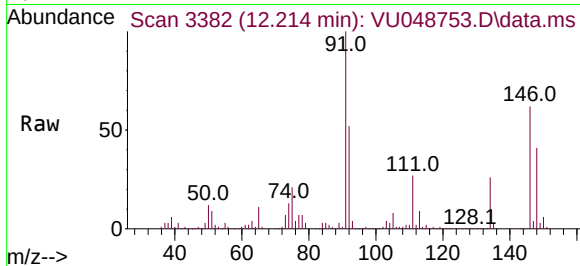




#91
1,2-Dichlorobenzene
Concen: 45.683 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

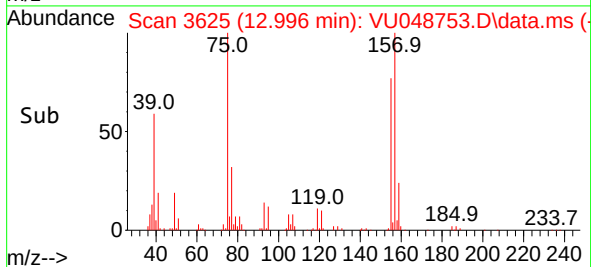
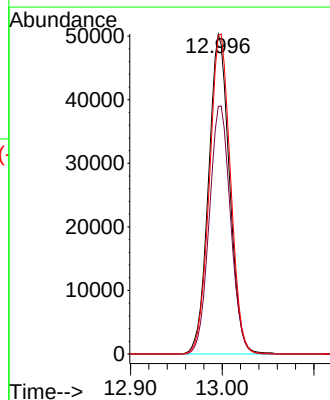
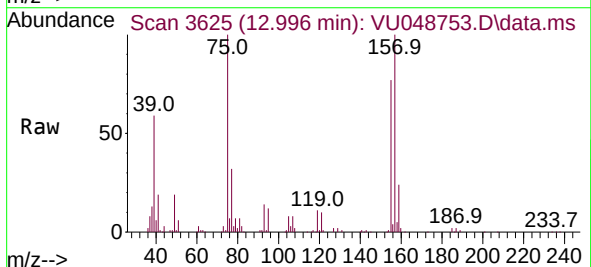
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

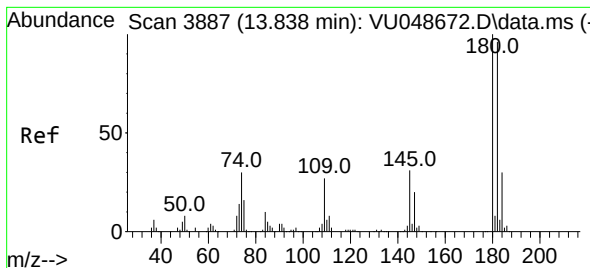
Tgt Ion:146 Resp: 330780
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 65.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.945 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion: 75 Resp: 79884
Ion Ratio Lower Upper
75 100
155 78.6 40.3 120.8
157 100.4 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 48.694 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

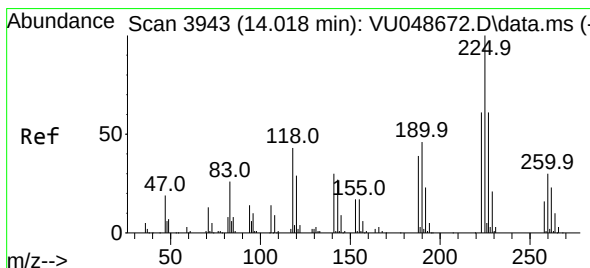
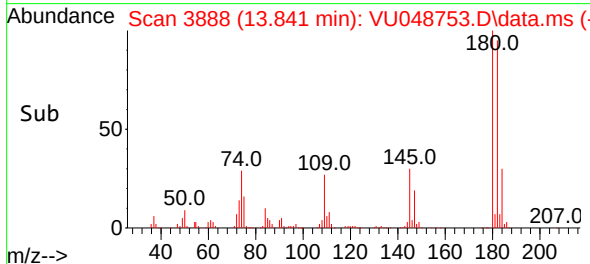
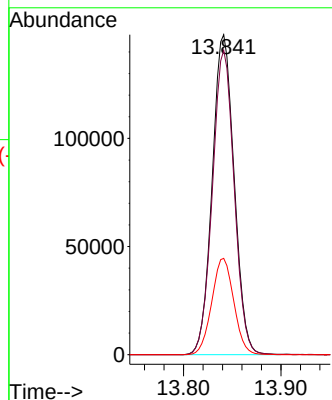
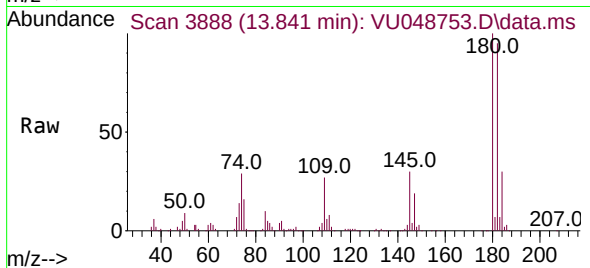
Tgt Ion:180 Resp: 231370

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.9

145 30.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 41.429 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048753.D

Acq: 31 May 2022 21:04

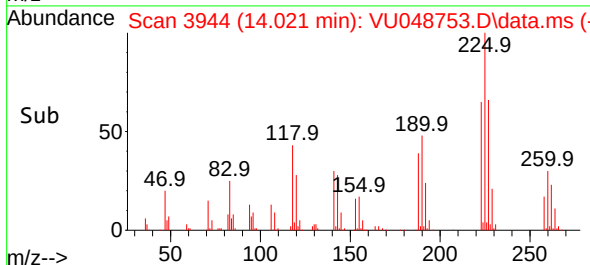
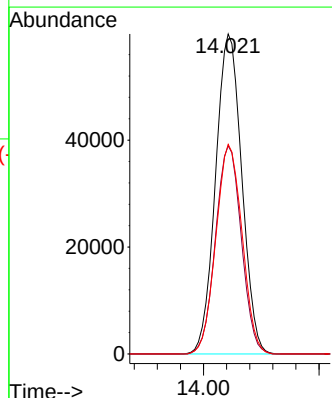
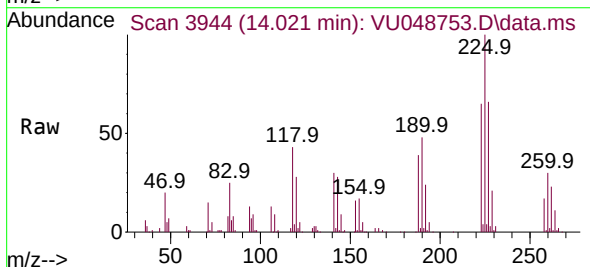
Tgt Ion:225 Resp: 94354

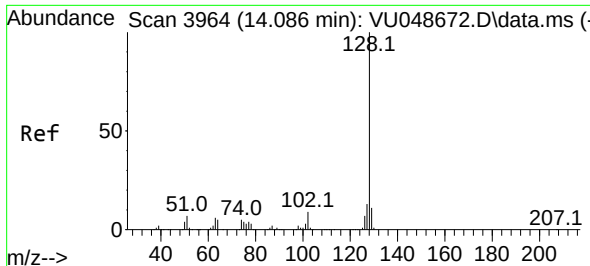
Ion Ratio Lower Upper

225 100

223 64.1 30.9 92.8

227 65.5 31.1 93.5

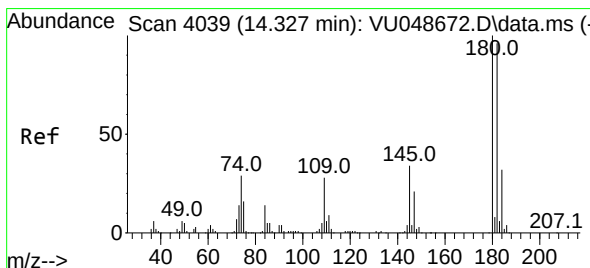
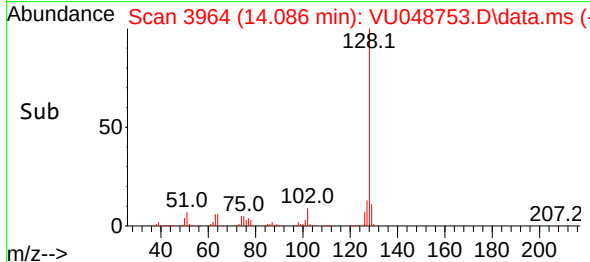
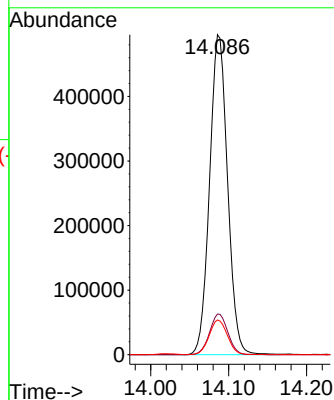
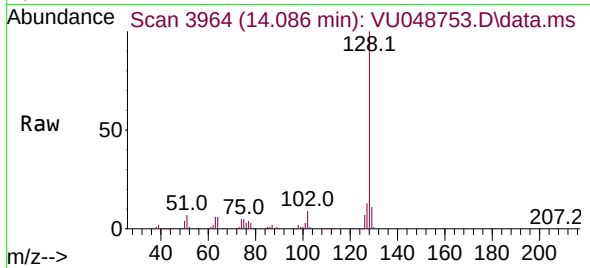




#95
Naphthalene
Concen: 47.945 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 793912
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.882 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048753.D
Acq: 31 May 2022 21:04

Tgt Ion:180 Resp: 230047
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 33.3 16.6 49.8

