

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048712.D
 Acq On : 27 May 2022 23:17
 Operator : SY/MD
 Sample : VU0527WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02

Quant Time: May 28 00:28:36 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	264614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	445352	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	424760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	224978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	197043	49.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.288	113	153934	48.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	7.899	98	553872	48.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	10.632	95	215557	50.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54463	17.979	ug/l	99
3) Chloromethane	1.523	50	71392	18.307	ug/l	97
4) Vinyl Chloride	1.604	62	70943	19.642	ug/l	98
5) Bromomethane	1.851	94	45063	19.756	ug/l	97
6) Chloroethane	1.932	64	41247	19.277	ug/l	96
7) Trichlorofluoromethane	2.137	101	98156	19.029	ug/l	97
8) Diethyl Ether	2.375	74	36972	19.423	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	54119	19.167	ug/l	97
10) Methyl Iodide	2.722	142	64575	17.476	ug/l	99
11) Tert butyl alcohol	3.169	59	101815	101.055	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	53165	19.740	ug/l	99
13) Acrolein	2.485	56	23380	66.914	ug/l	100
14) Allyl chloride	2.925	41	88377	16.942	ug/l	92
15) Acrylonitrile	3.311	53	238401	109.102	ug/l	99
16) Acetone	2.623	43	203415	100.439	ug/l	100
17) Carbon Disulfide	2.793	76	145148	18.462	ug/l	99
18) Methyl Acetate	2.948	43	116796	22.969	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	206798	20.237	ug/l	99
20) Methylene Chloride	3.047	84	68718	19.953	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	58619	19.028	ug/l	91
22) Diisopropyl ether	3.993	45	206216	21.431	ug/l	99
23) Vinyl Acetate	3.954	43	878382	105.362	ug/l	100
24) 1,1-Dichloroethane	3.870	63	121877	20.168	ug/l	100
25) 2-Butanone	4.697	43	323644	111.239	ug/l	99
26) 2,2-Dichloropropane	4.665	77	74838	13.804	ug/l	94
27) cis-1,2-Dichloroethene	4.668	96	69451	19.476	ug/l	96
28) Bromochloromethane	4.973	49	53764	22.682	ug/l	96
29) Tetrahydrofuran	5.047	42	202365	110.422	ug/l	99
30) Chloroform	5.089	83	117063	19.360	ug/l	97
31) Cyclohexane	5.391	56	100392	20.046	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	106302	19.377	ug/l	99
36) 1,1-Dichloropropene	5.526	75	85350	18.406	ug/l	100
37) Ethyl Acetate	4.803	43	115257	19.661	ug/l	98
38) Carbon Tetrachloride	5.526	117	91051	17.115	ug/l	91
39) Methylcyclohexane	6.764	83	90726	18.660	ug/l	99
40) Benzene	5.774	78	257149	18.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	60680	20.484	ug/l	98
42) 1,2-Dichloroethane	5.793	62	98464	18.373	ug/l	99
43) Isopropyl Acetate	5.909	43	171755	20.186	ug/l	99
44) Trichloroethene	6.542	130	65074	18.450	ug/l	100
45) 1,2-Dichloropropane	6.793	63	72726	21.101	ug/l	98
46) Dibromomethane	6.918	93	49169	19.095	ug/l	99
47) Bromodichloromethane	7.105	83	94107	18.072	ug/l	97
48) Methyl methacrylate	6.960	41	79062	20.699	ug/l	98
49) 1,4-Dioxane	6.960	88	34121	399.612	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	604468	109.411	ug/l	99
52) Toluene	7.970	92	156337	19.092	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	102861	18.312	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	106783	18.345	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	68944	19.077	ug/l	99
56) Ethyl methacrylate	8.333	69	106614	20.306	ug/l	99
57) 1,3-Dichloropropane	8.574	76	116702	19.186	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	82760	86.220	ug/l	99
59) 2-Hexanone	8.684	43	460351	101.496	ug/l	100
60) Dibromochloromethane	8.809	129	74475	18.384	ug/l	100
61) 1,2-Dibromoethane	8.925	107	72649	18.253	ug/l	99
64) Tetrachloroethene	8.552	164	55658	18.164	ug/l	97
65) Chlorobenzene	9.446	112	174547	19.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	67008	19.650	ug/l	98
67) Ethyl Benzene	9.571	91	306116	20.203	ug/l	99
68) m/p-Xylenes	9.693	106	237234	40.032	ug/l	99
69) o-Xylene	10.098	106	112701	19.357	ug/l	98
70) Styrene	10.114	104	196707	20.541	ug/l	99
71) Bromoform	10.291	173	60079	19.055	ug/l #	100
73) Isopropylbenzene	10.484	105	303169	20.873	ug/l	100
74) N-amyl acetate	10.320	43	139773	20.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	121850	20.558	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	141747	19.541	ug/l	99
77) Bromobenzene	10.780	156	79481	20.376	ug/l	98
78) n-propylbenzene	10.905	91	364036	21.034	ug/l	99
79) 2-Chlorotoluene	10.986	91	220074	20.448	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	262251	20.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	34172	17.105	ug/l	99
82) 4-Chlorotoluene	11.098	91	252992	20.373	ug/l	99
83) tert-Butylbenzene	11.420	119	253504	20.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	266694	20.313	ug/l	99
85) sec-Butylbenzene	11.642	105	319589	21.073	ug/l	98
86) p-Isopropyltoluene	11.793	119	272224	20.902	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	148319	19.394	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	151230	19.140	ug/l	98
89) n-Butylbenzene	12.211	91	237564	19.612	ug/l	100
90) Hexachloroethane	12.474	117	47977	18.050	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	152419	19.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	33241	19.478	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	96537	19.041	ug/l	99
94) Hexachlorobutadiene	14.021	225	40988	16.867	ug/l	97
95) Naphthalene	14.089	128	344460	20.999	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	98529	19.621	ug/l	99

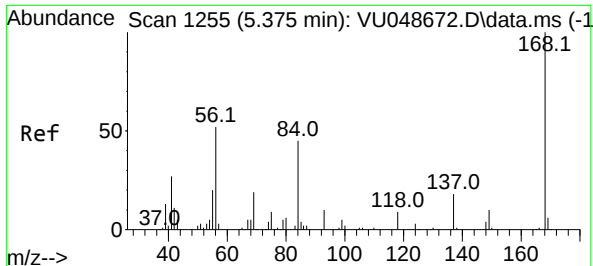
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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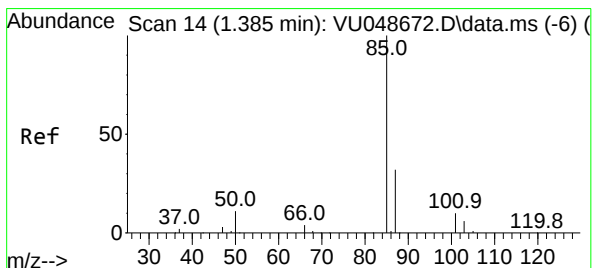
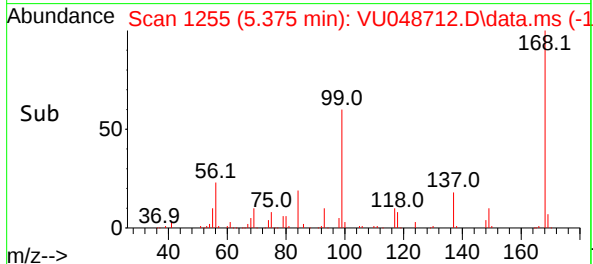
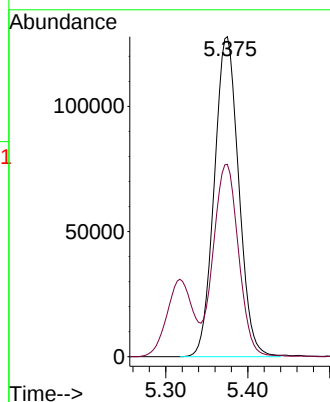
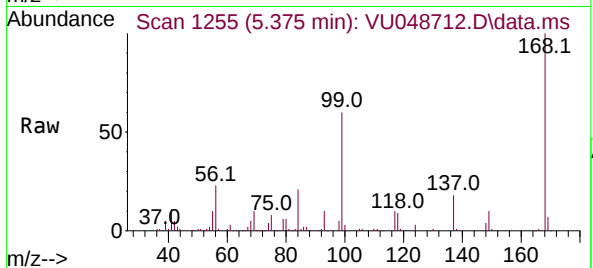
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

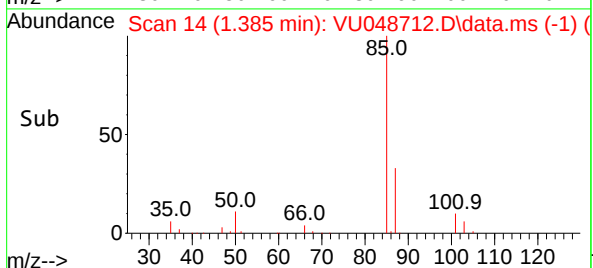
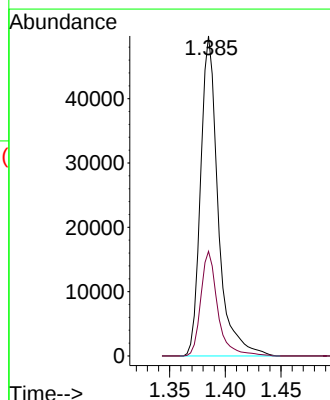
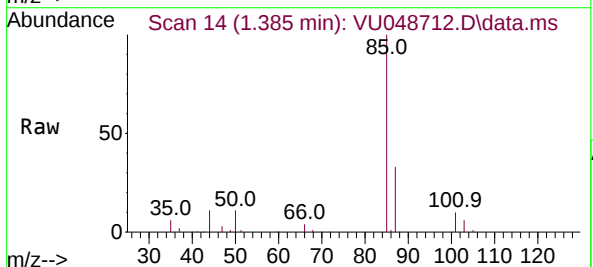
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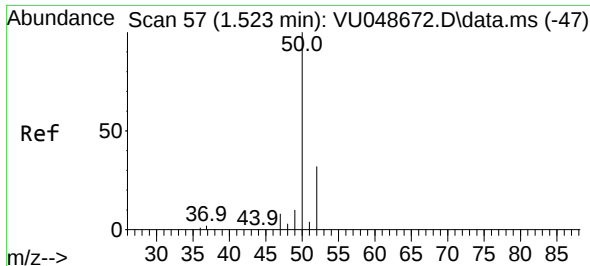
Tgt Ion:168 Resp: 264614
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 17.979 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 85 Resp: 54463
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

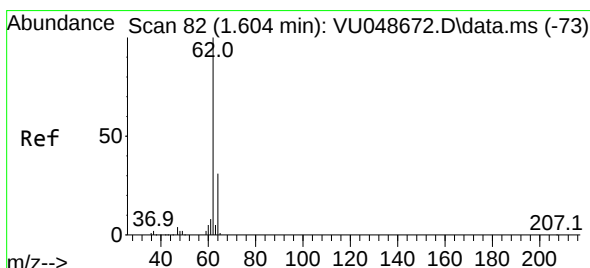
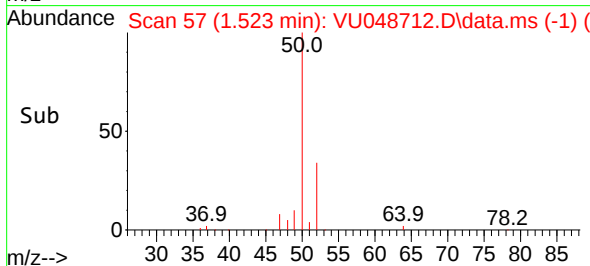
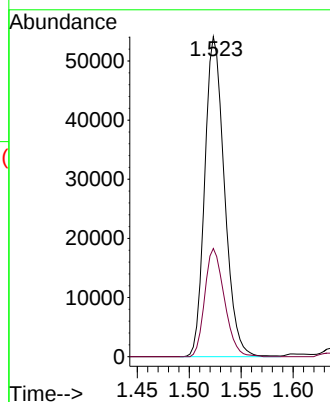
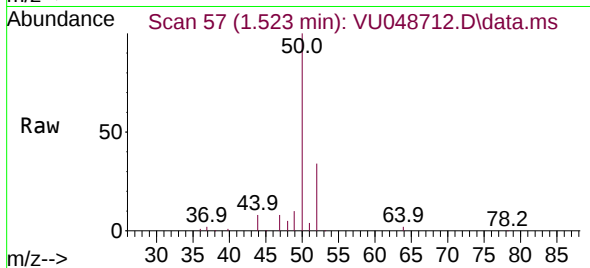




#3
Chloromethane
Concen: 18.307 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

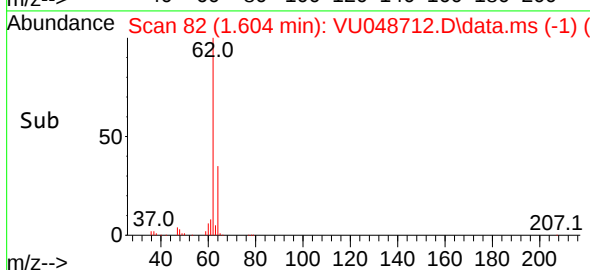
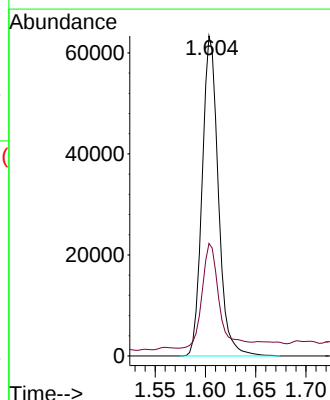
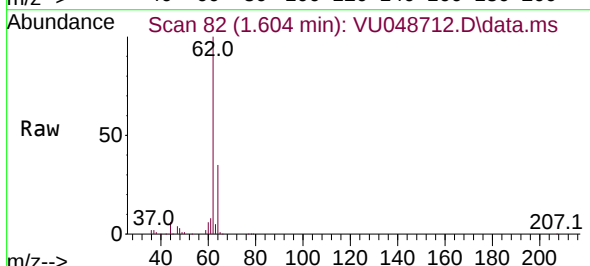
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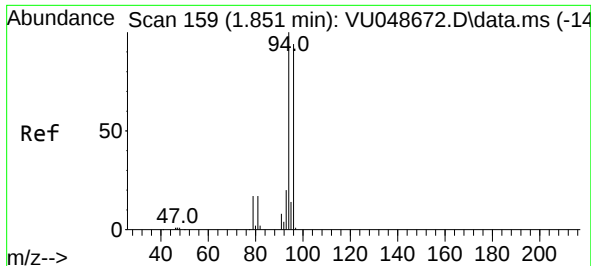
Tgt Ion: 50 Resp: 71392
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5



#4
Vinyl Chloride
Concen: 19.642 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 62 Resp: 70943
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

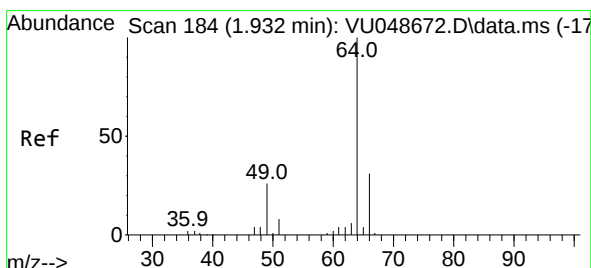
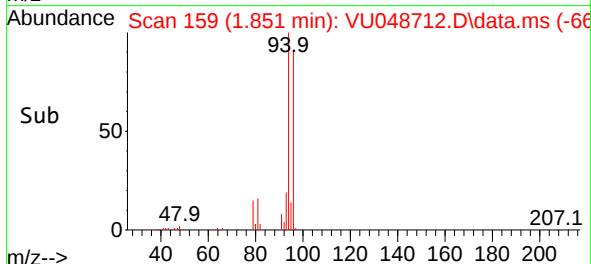
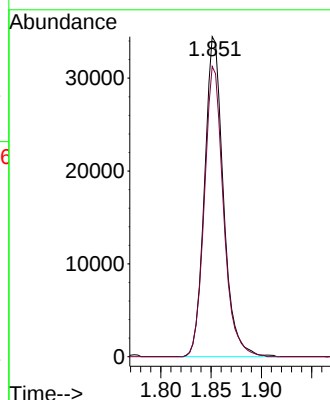
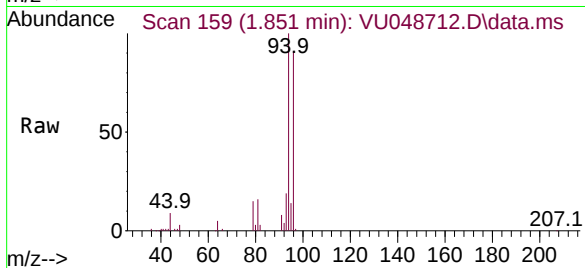




#5
Bromomethane
Concen: 19.756 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

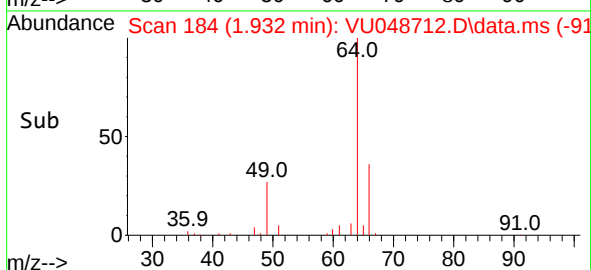
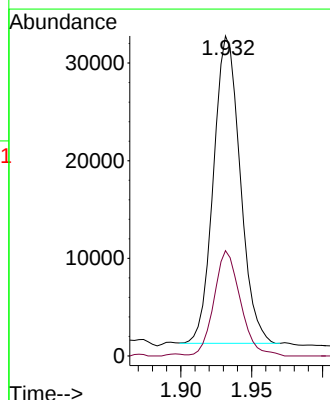
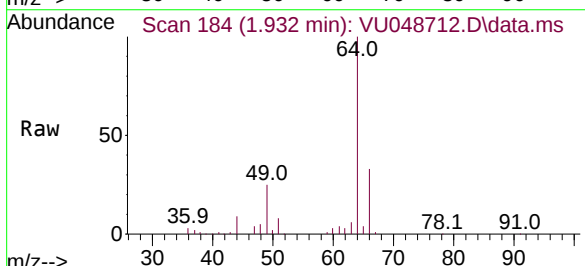
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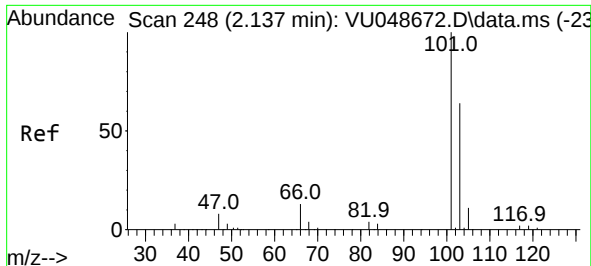
Tgt Ion: 94 Resp: 45063
Ion Ratio Lower Upper
94 100
96 90.7 75.1 112.7



#6
Chloroethane
Concen: 19.277 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 64 Resp: 41247
Ion Ratio Lower Upper
64 100
66 33.8 25.2 37.8

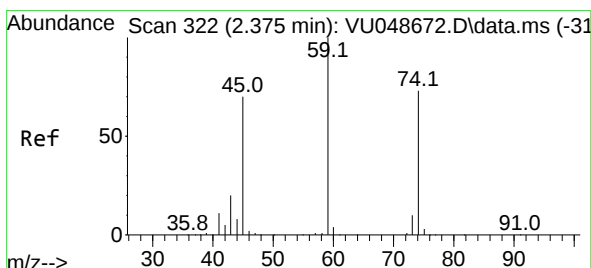
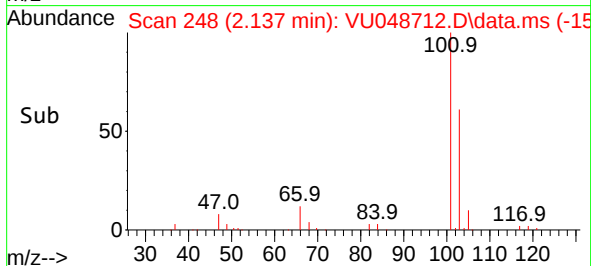
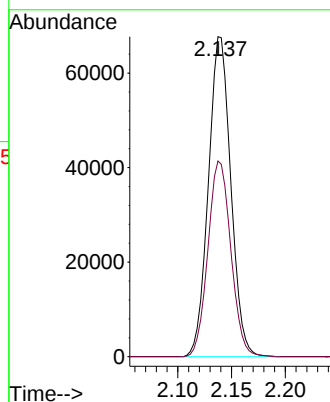
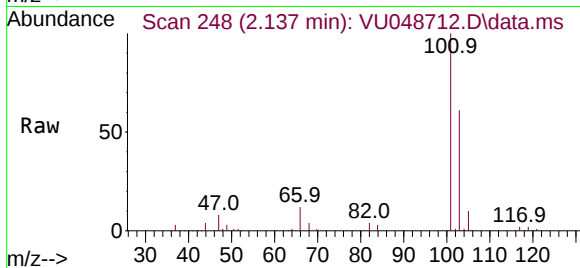




#7
 Trichlorofluoromethane
 Concen: 19.029 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

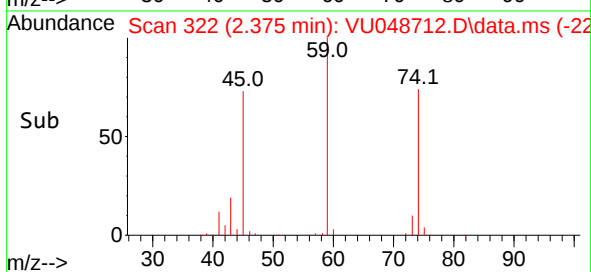
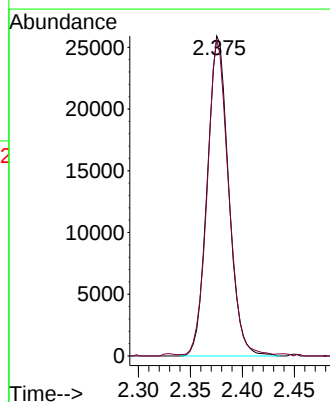
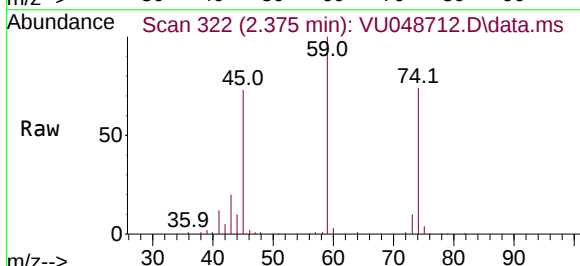
Instrument :
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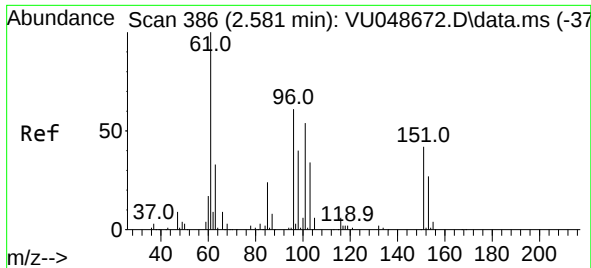
Tgt Ion:101 Resp: 98156
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.0 76.4



#8
 Diethyl Ether
 Concen: 19.423 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

Tgt Ion: 74 Resp: 36972
 Ion Ratio Lower Upper
 74 100
 45 97.6 47.7 143.1

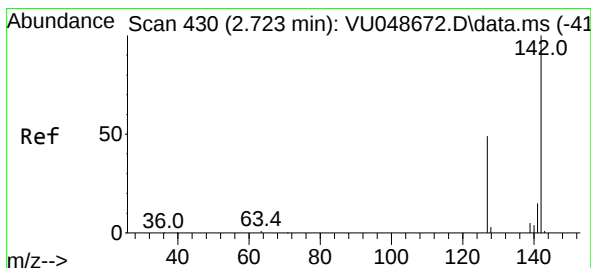
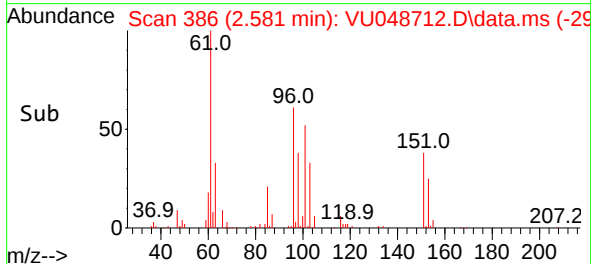
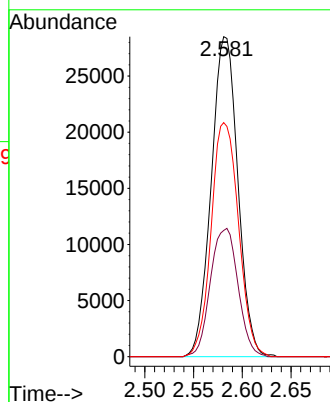
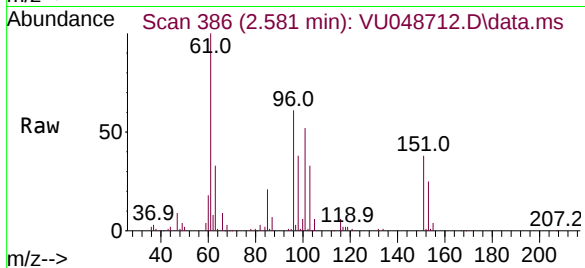




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.167 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048712.D
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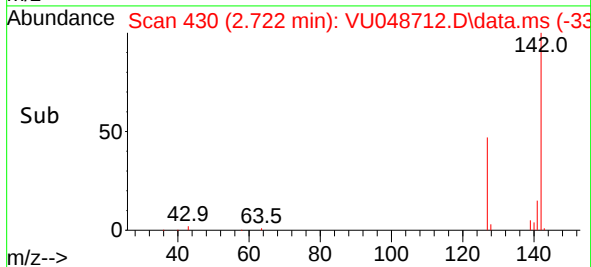
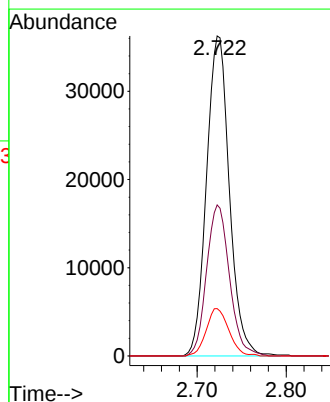
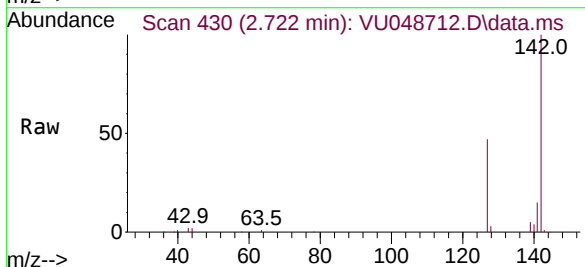
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:101 Resp: 54119
Ion Ratio Lower Upper
101 100
85 41.6 35.4 53.2
151 75.4 62.5 93.7



#10
Methyl Iodide
Concen: 17.476 ug/l
RT: 2.722 min Scan# 430
Delta R.T. -0.001 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:142 Resp: 64575
Ion Ratio Lower Upper
142 100
127 47.3 38.4 57.6
141 14.7 11.5 17.3

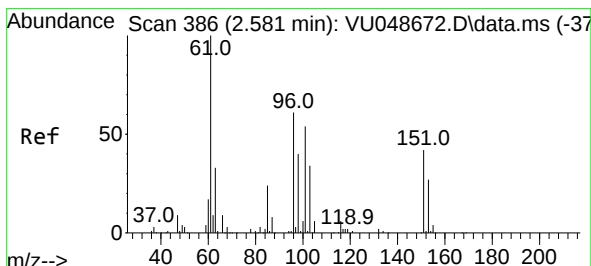
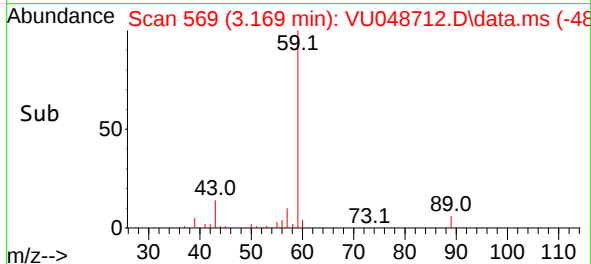
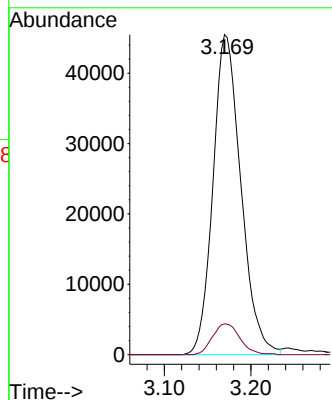
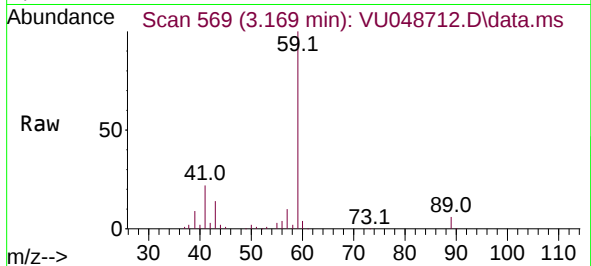




#11
Tert butyl alcohol
Concen: 101.055 ug/l
RT: 3.169 min Scan# 575
Delta R.T. -0.019 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

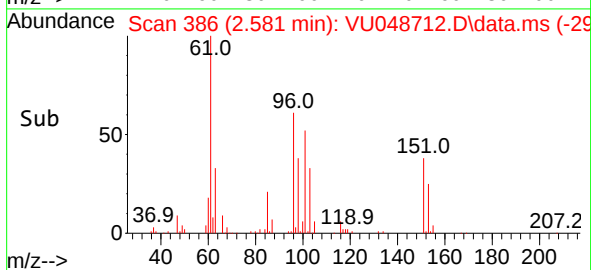
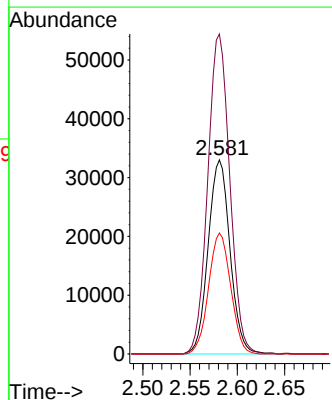
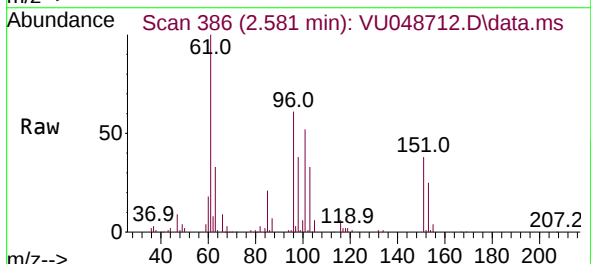
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 59 Resp: 101815
Ion Ratio Lower Upper
59 100
57 9.5 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 19.740 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 96 Resp: 53165
Ion Ratio Lower Upper
96 100
61 164.9 131.1 196.7
98 62.3 51.8 77.8

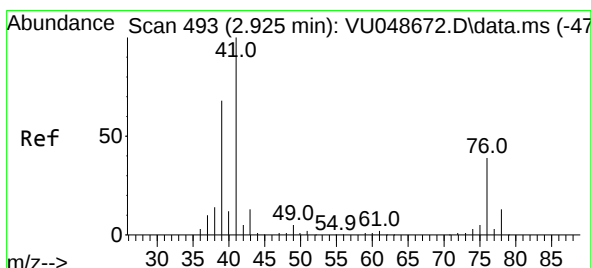
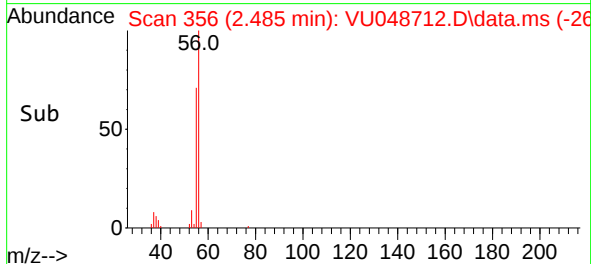
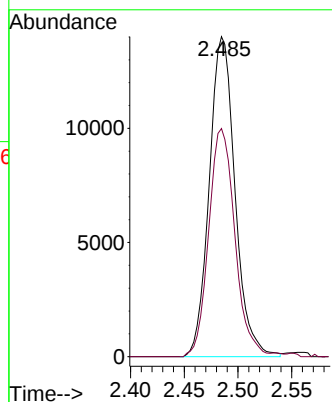
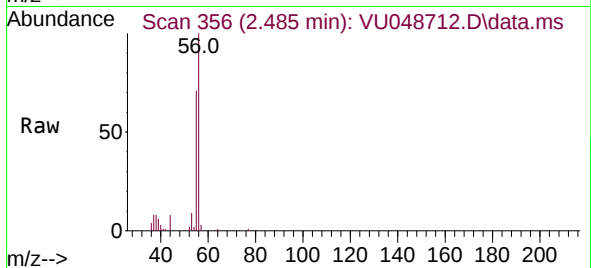




#13
Acrolein
Concen: 66.914 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

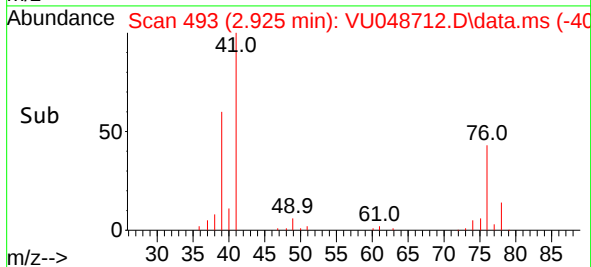
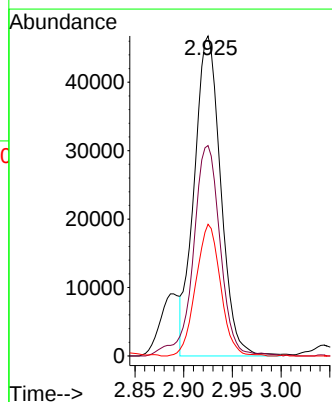
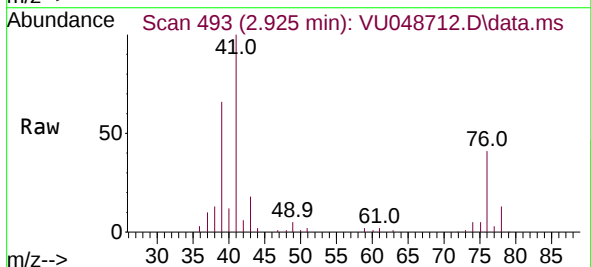
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

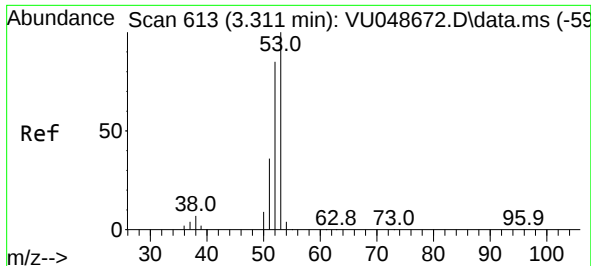
Tgt Ion: 56 Resp: 23380
Ion Ratio Lower Upper
56 100
55 72.3 57.7 86.5



#14
Allyl chloride
Concen: 16.942 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 41 Resp: 88377
Ion Ratio Lower Upper
41 100
39 67.0 48.6 72.8
76 38.4 27.0 40.4

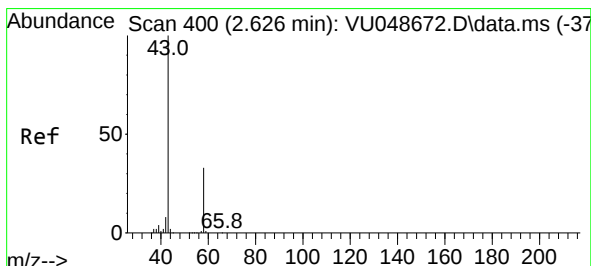
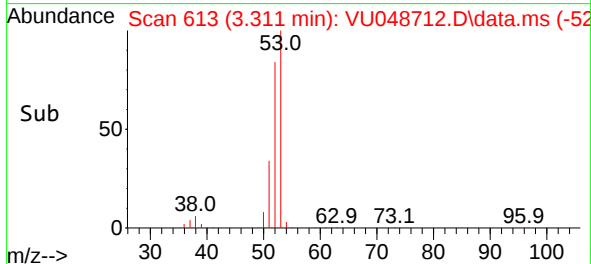
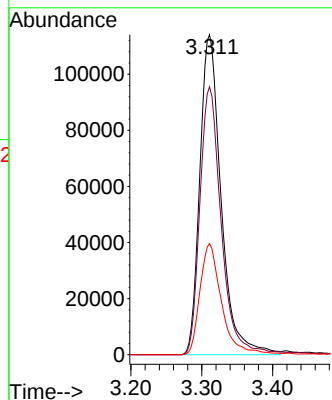
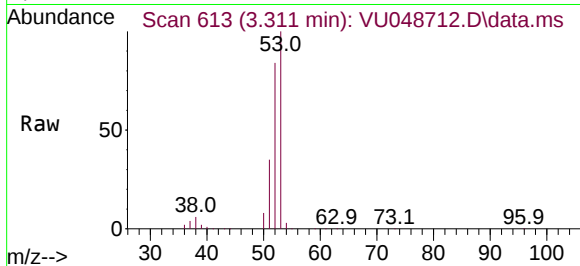




#15
Acrylonitrile
Concen: 109.102 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

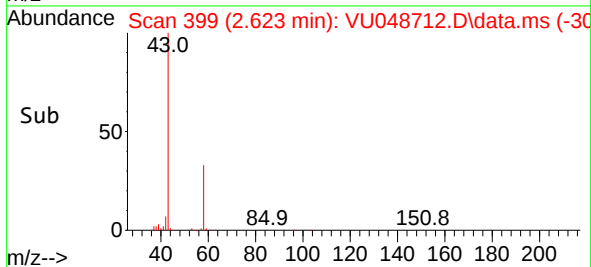
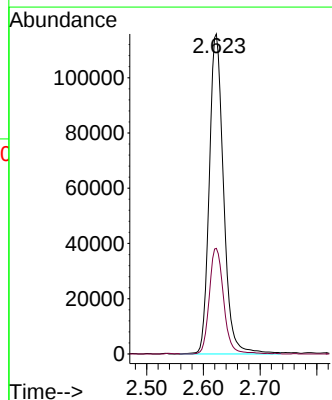
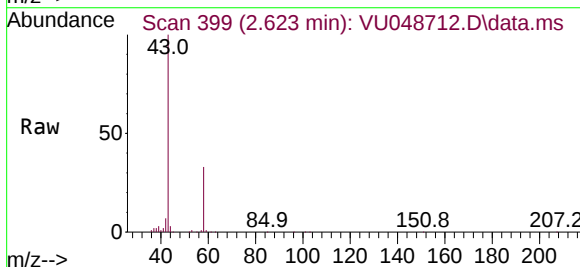
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

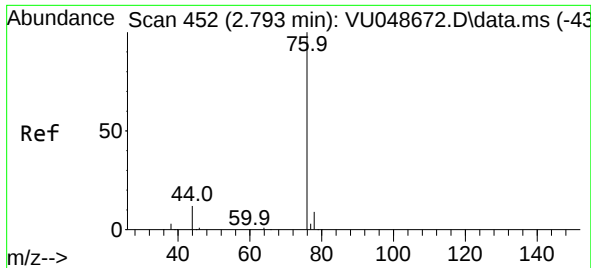
Tgt Ion: 53 Resp: 238401
Ion Ratio Lower Upper
53 100
52 83.8 66.3 99.5
51 35.3 28.6 42.8



#16
Acetone
Concen: 100.439 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 43 Resp: 203415
Ion Ratio Lower Upper
43 100
58 33.0 26.3 39.5

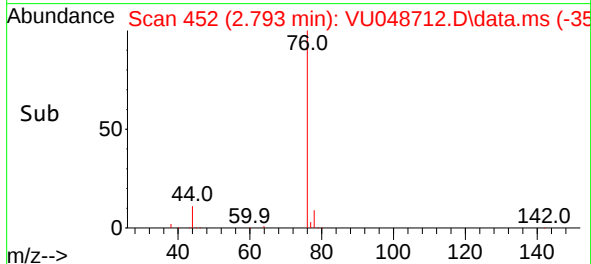
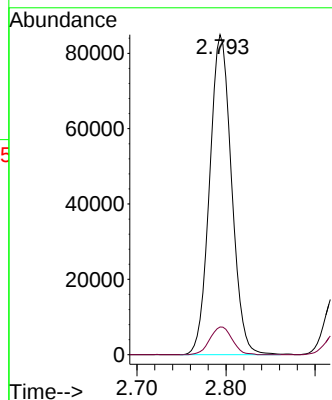
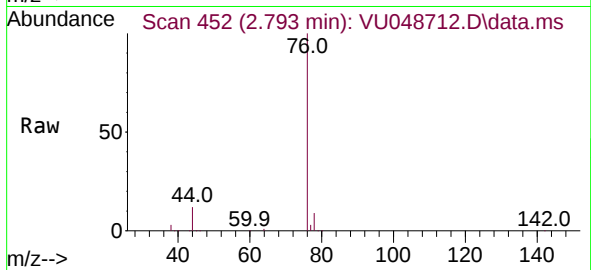




#17
Carbon Disulfide
Concen: 18.462 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

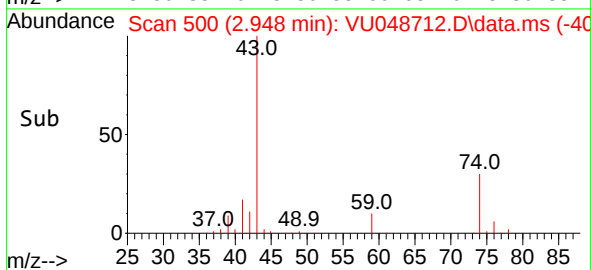
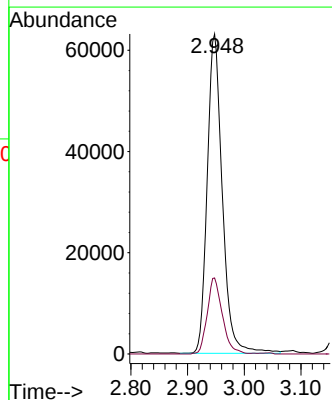
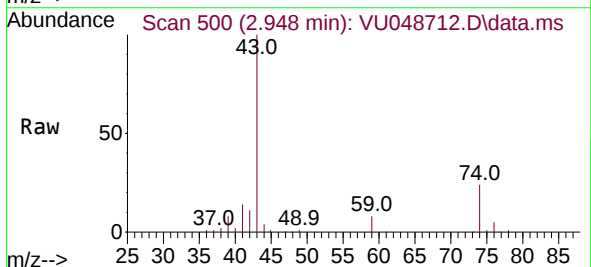
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

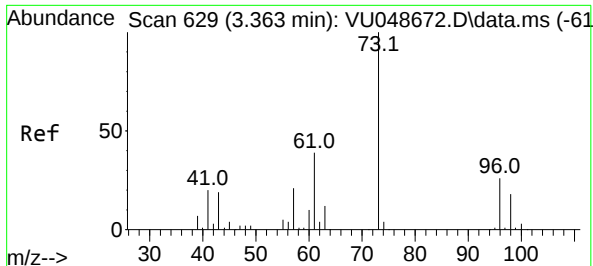
Tgt Ion: 76 Resp: 145148
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 22.969 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 43 Resp: 116796
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 20.237 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

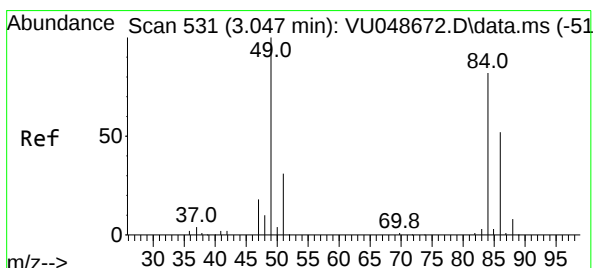
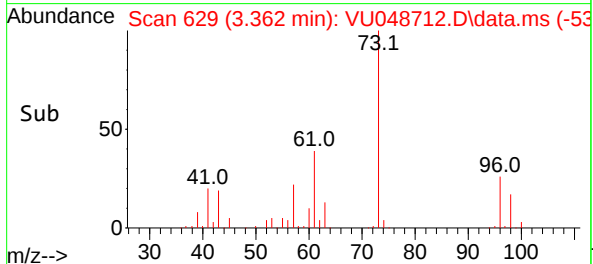
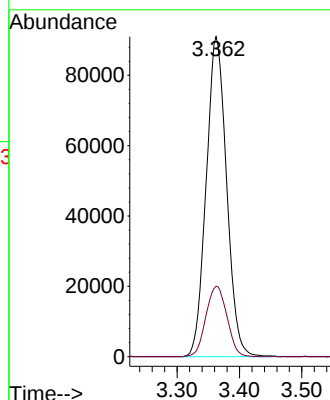
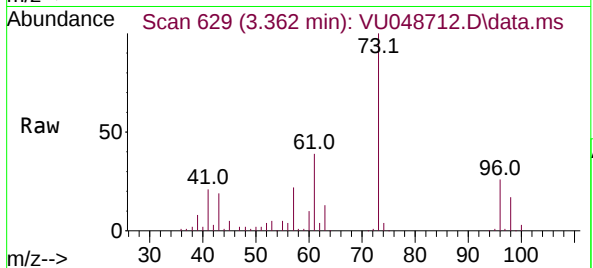
VU0527WBSD02

Tgt Ion: 73 Resp: 206798

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7



#20

Methylene Chloride

Concen: 19.953 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Tgt Ion: 84 Resp: 68718

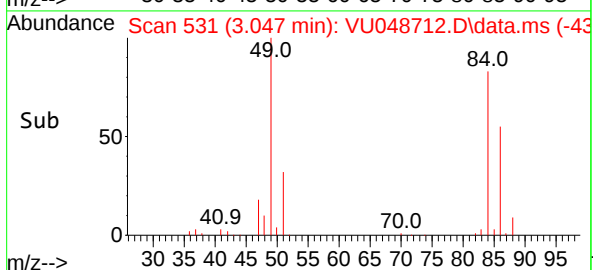
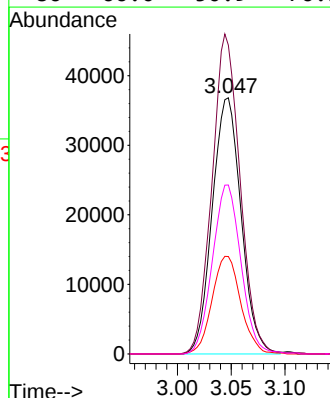
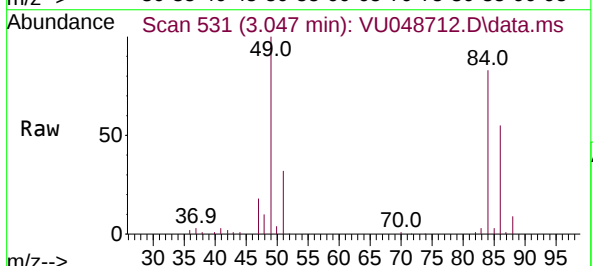
Ion Ratio Lower Upper

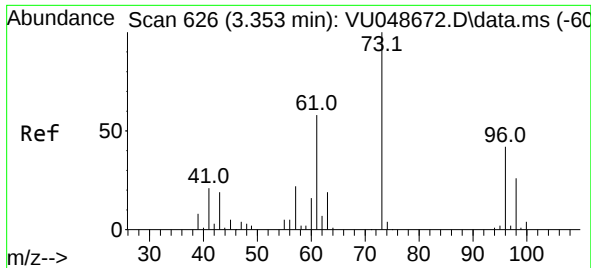
84 100

49 120.6 97.0 145.4

51 38.0 29.8 44.8

86 66.0 50.9 76.3

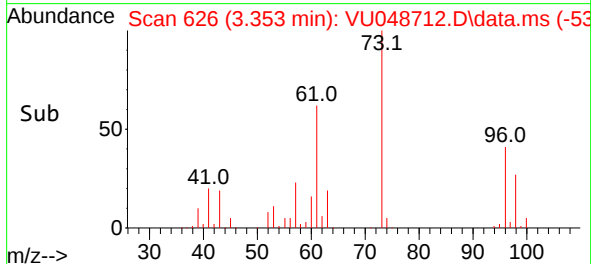
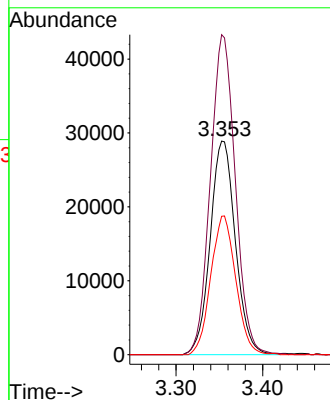
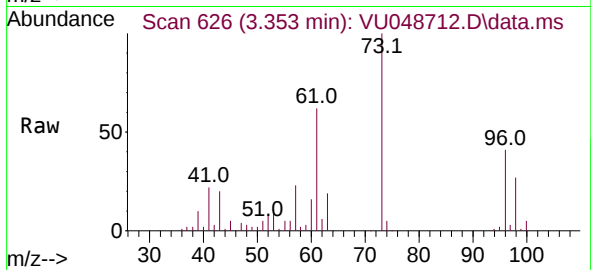




#21
trans-1,2-Dichloroethene
Concen: 19.028 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

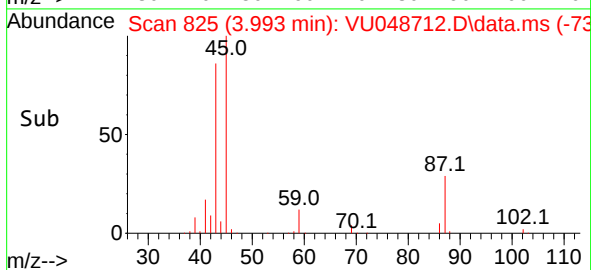
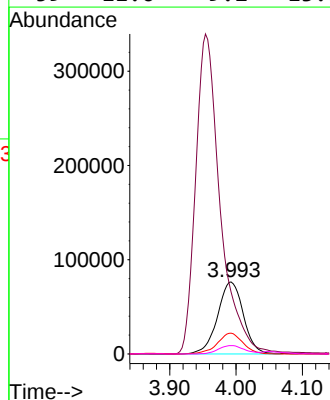
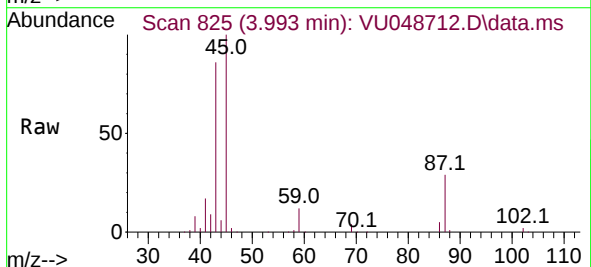
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

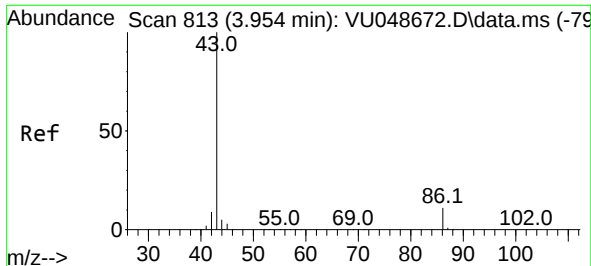
Tgt Ion: 96 Resp: 58619
Ion Ratio Lower Upper
96 100
61 149.8 109.4 164.2
98 64.8 48.9 73.3



#22
Diisopropyl ether
Concen: 21.431 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 45 Resp: 206216
Ion Ratio Lower Upper
45 100
43 83.0 65.2 97.8
87 28.9 22.7 34.1
59 11.6 9.2 13.8

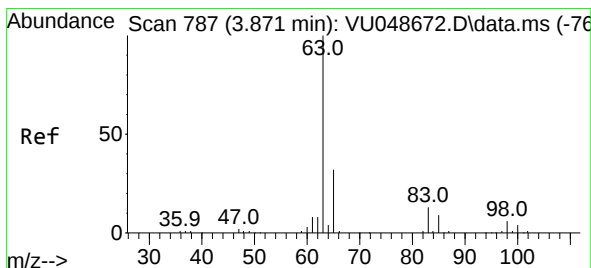
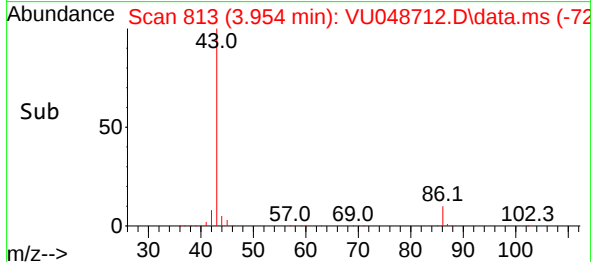
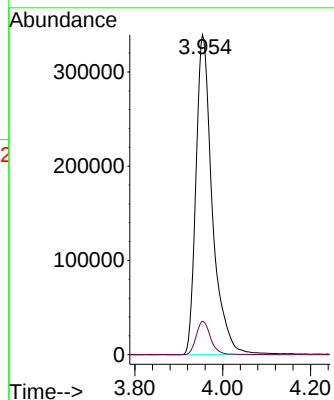
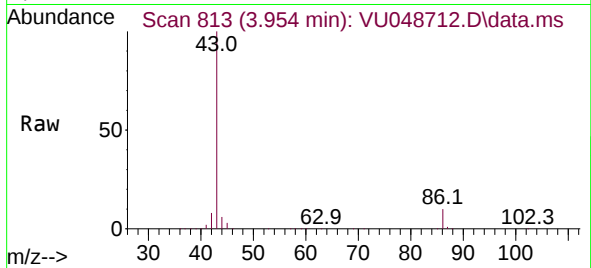




#23
 Vinyl Acetate
 Concen: 105.362 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

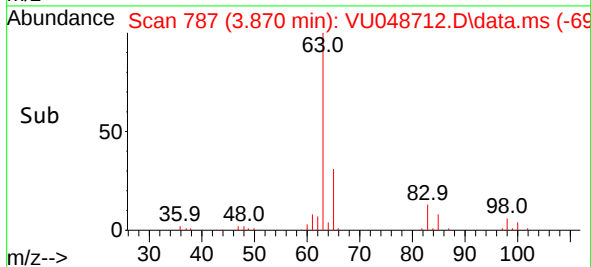
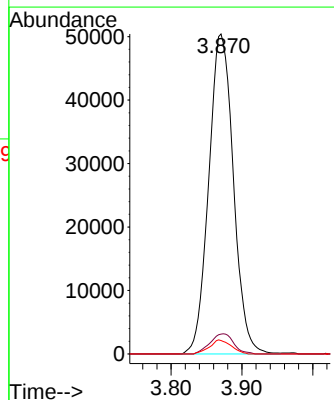
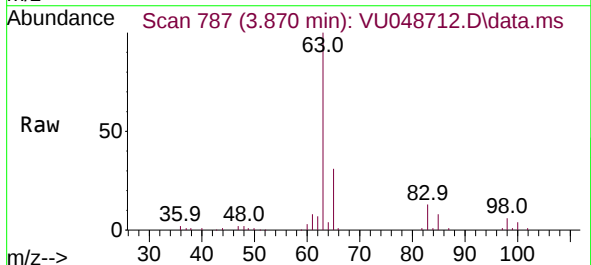
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02

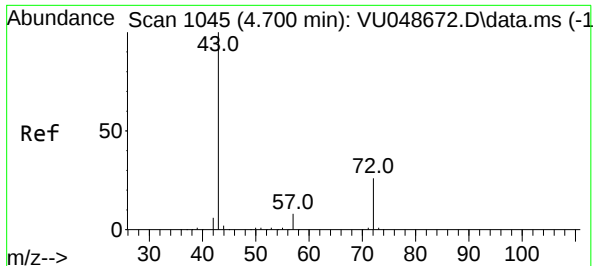
Tgt Ion: 43 Resp: 878382
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 20.168 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

Tgt Ion: 63 Resp: 121877
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 111.239 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

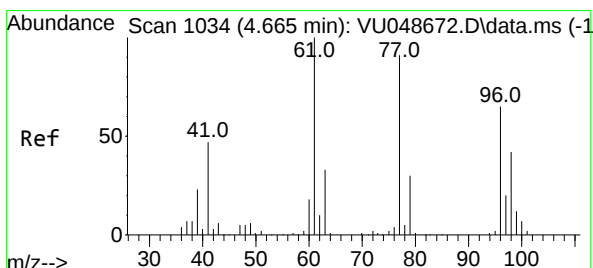
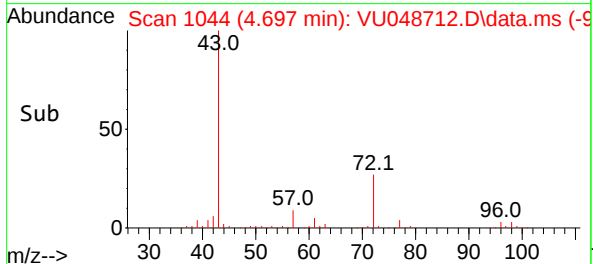
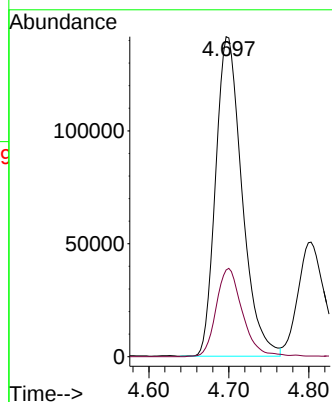
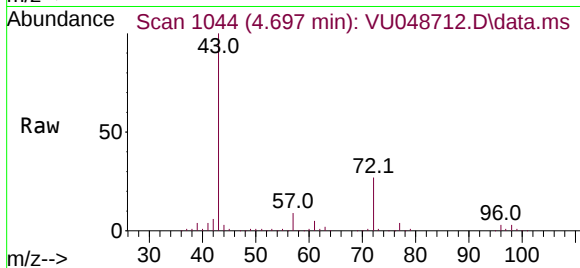
VU0527WBSD02

Tgt Ion: 43 Resp: 323644

Ion Ratio Lower Upper

43 100

72 27.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 13.804 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048712.D

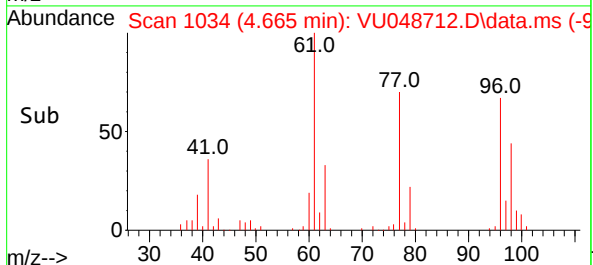
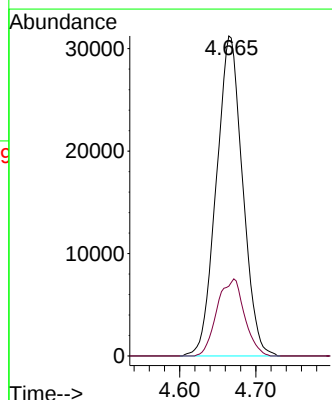
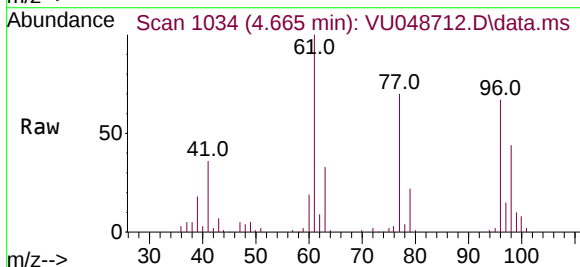
Acq: 27 May 2022 23:17

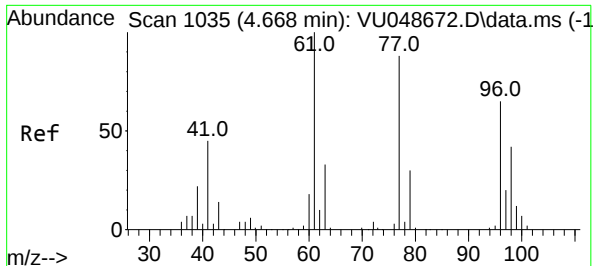
Tgt Ion: 77 Resp: 74838

Ion Ratio Lower Upper

77 100

97 25.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.476 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

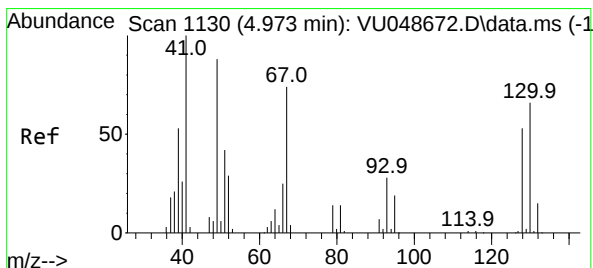
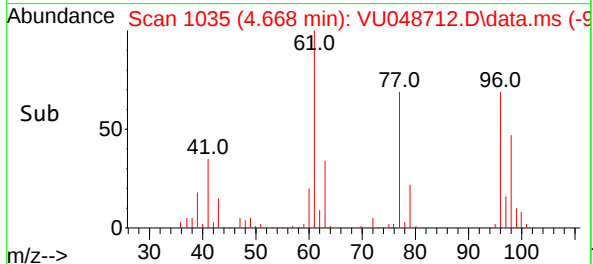
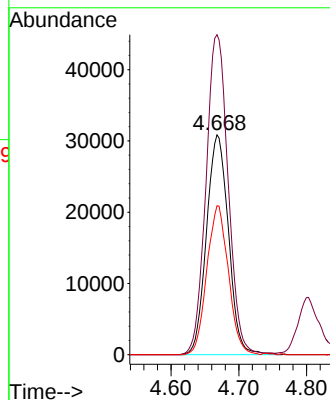
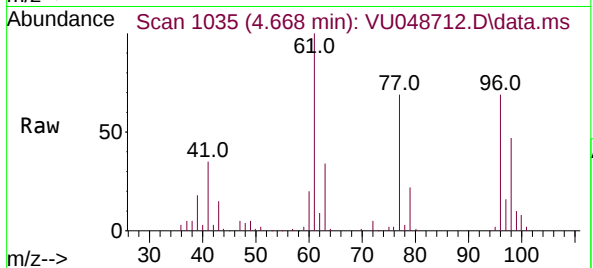
Tgt Ion: 96 Resp: 69451

Ion Ratio Lower Upper

96 100

61 146.8 0.0 306.2

98 66.5 0.0 130.4



#28

Bromochloromethane

Concen: 22.682 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

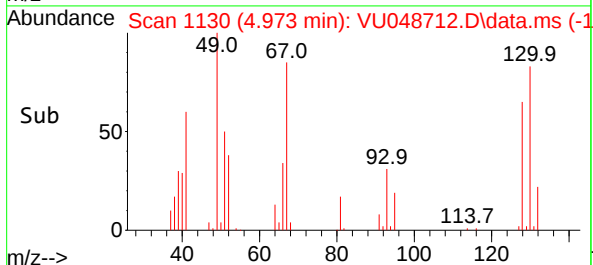
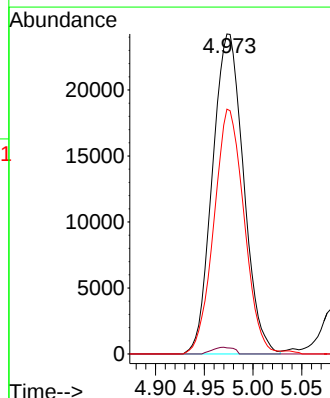
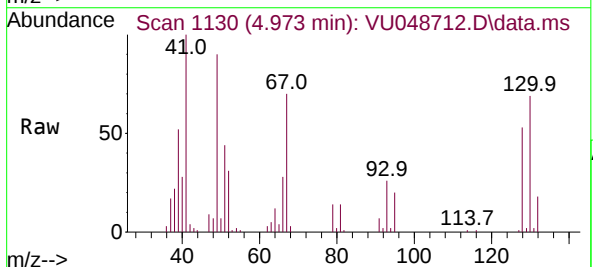
Tgt Ion: 49 Resp: 53764

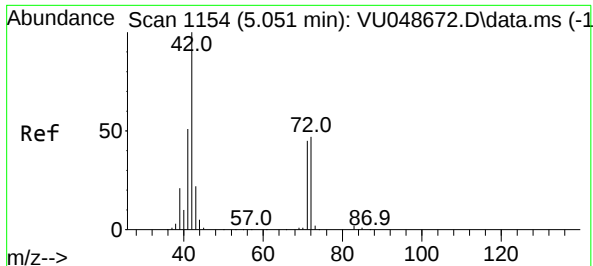
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 74.2 62.1 93.1





#29

Tetrahydrofuran

Concen: 110.422 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

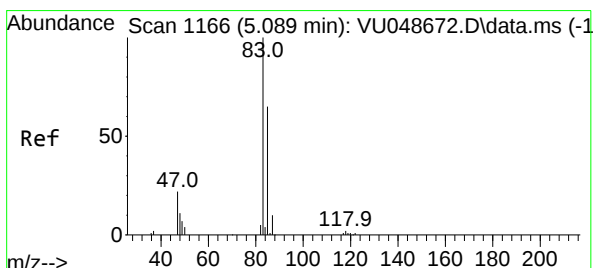
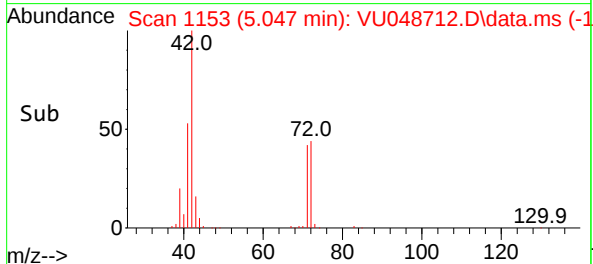
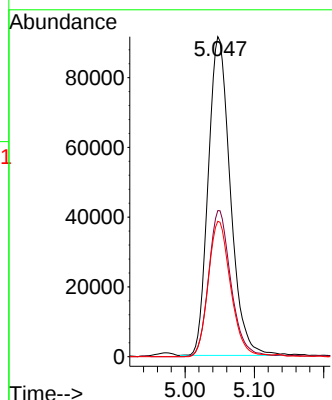
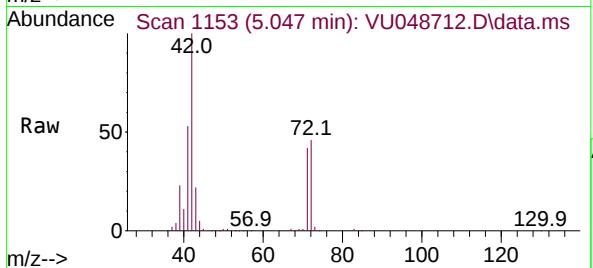
Tgt Ion: 42 Resp: 202365

Ion Ratio Lower Upper

42 100

72 46.4 37.6 56.4

71 42.9 35.0 52.4



#30

Chloroform

Concen: 19.360 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048712.D

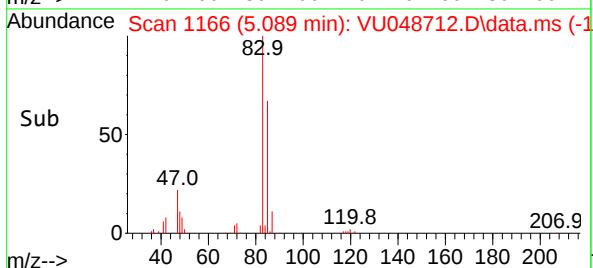
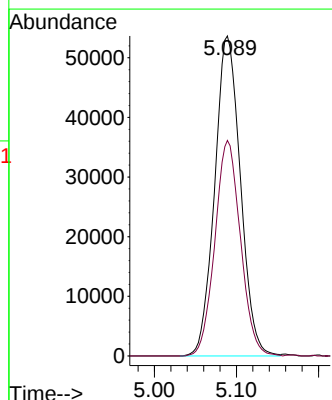
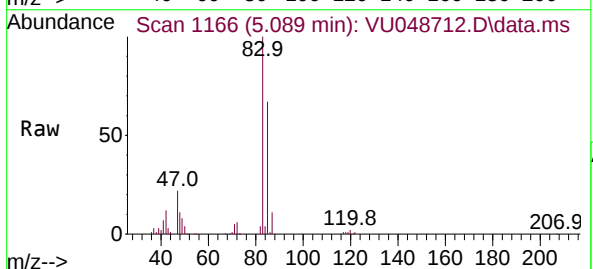
Acq: 27 May 2022 23:17

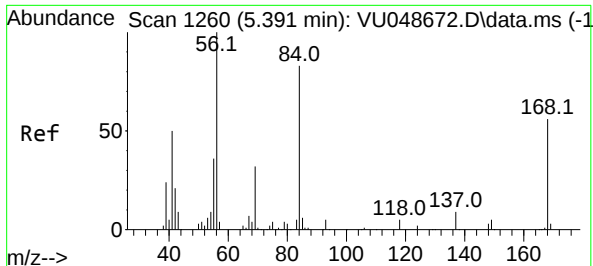
Tgt Ion: 83 Resp: 117063

Ion Ratio Lower Upper

83 100

85 67.3 52.2 78.2





#31

Cyclohexane

Concen: 20.046 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

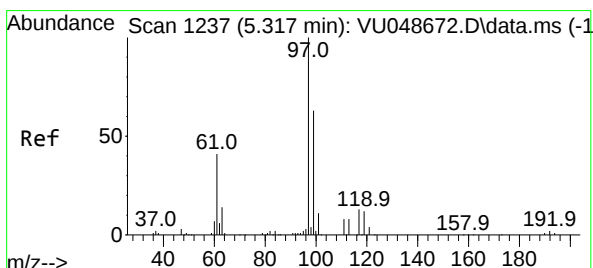
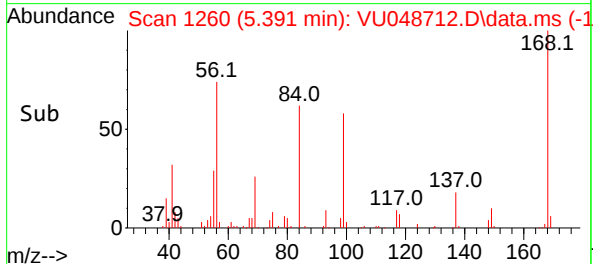
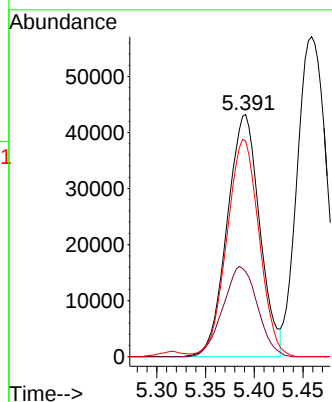
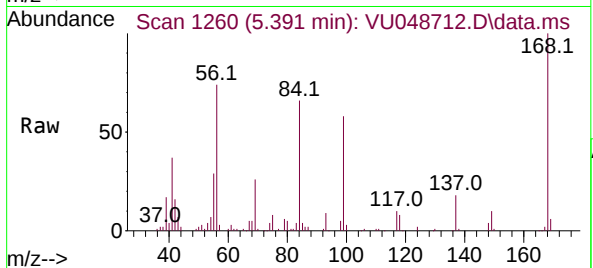
Tgt Ion: 56 Resp: 100392

Ion Ratio Lower Upper

56 100

69 35.1 25.6 38.4

84 87.6 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 19.377 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

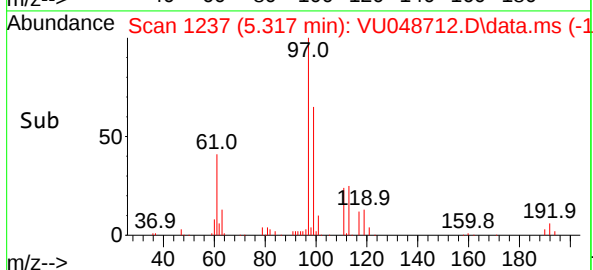
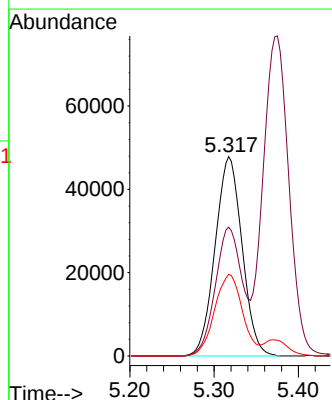
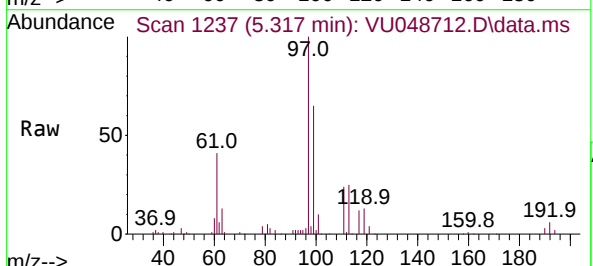
Tgt Ion: 97 Resp: 106302

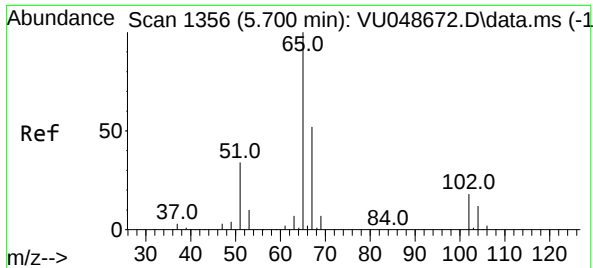
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

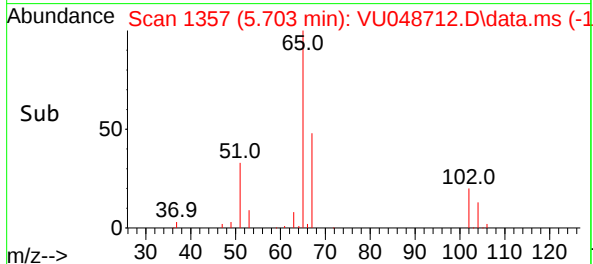
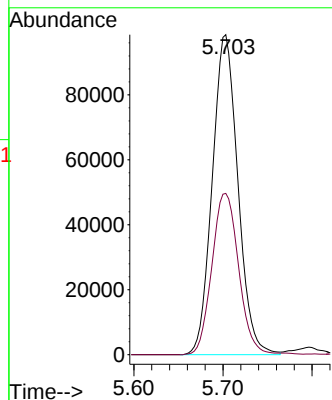
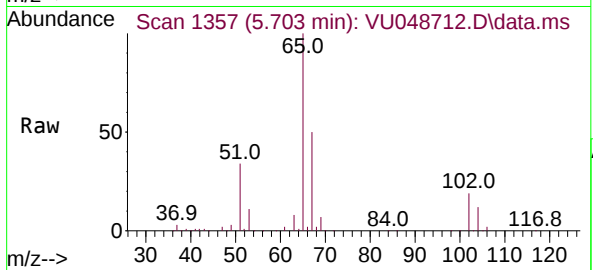
VU0527WBSD02

Tgt Ion: 65 Resp: 197043

Ion Ratio Lower Upper

65 100

67 52.5 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: VU048712.D

Acq: 27 May 2022 23:17

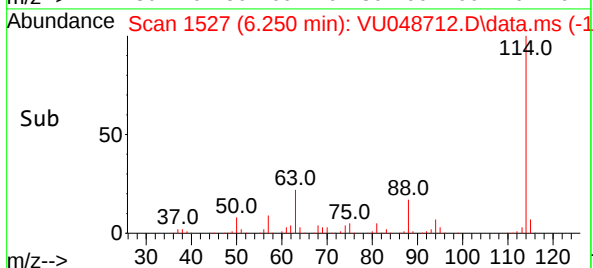
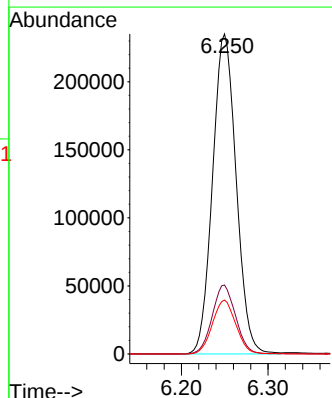
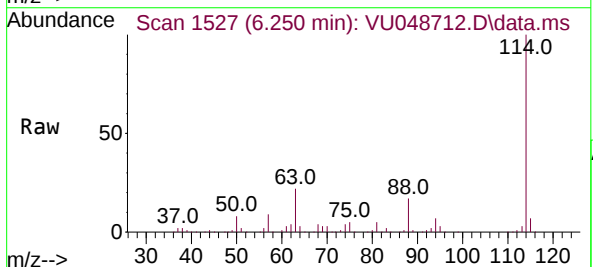
Tgt Ion:114 Resp: 445352

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 16.9 0.0 32.2

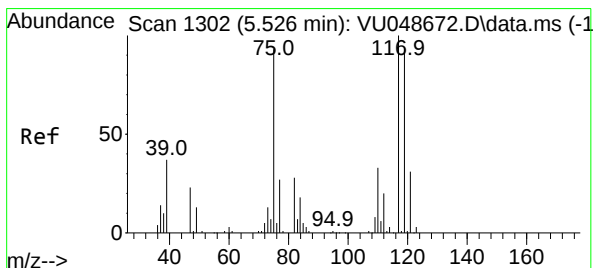
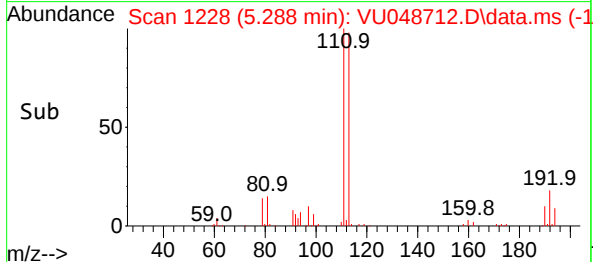
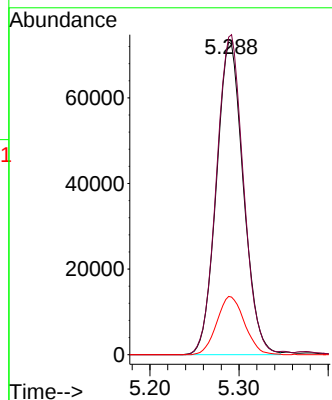
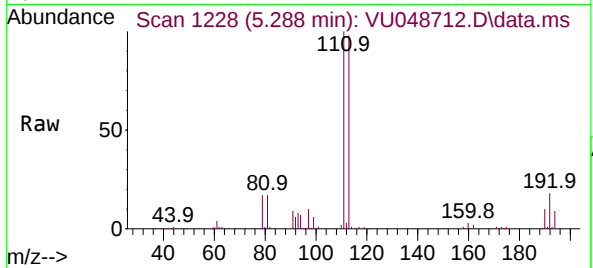




#35
Dibromofluoromethane
Concen: 48.449 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

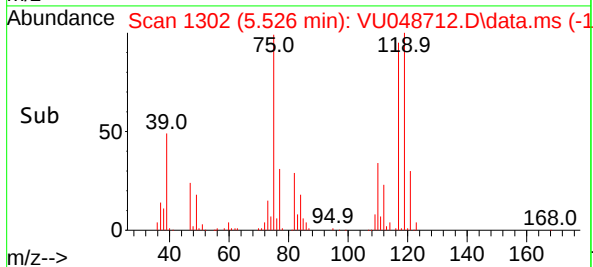
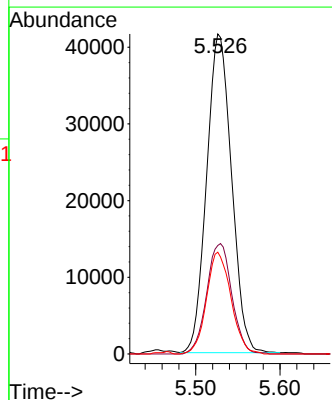
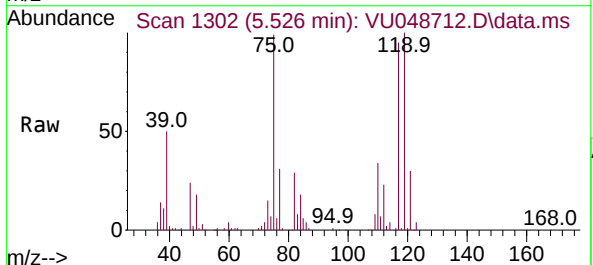
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

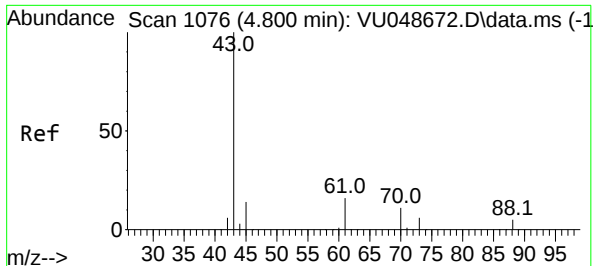
Tgt Ion:113 Resp: 153934
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.406 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 75 Resp: 85350
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 19.661 ug/l

RT: 4.803 min Scan# 115257

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

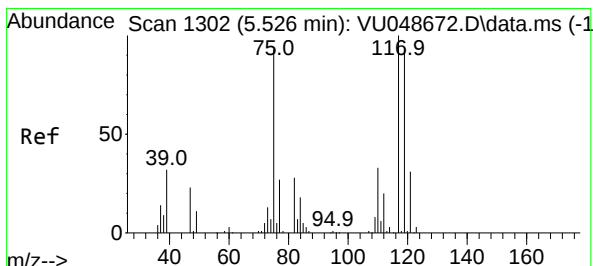
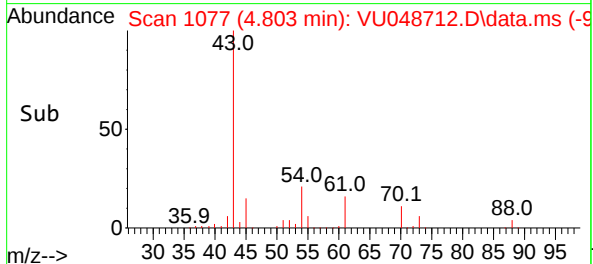
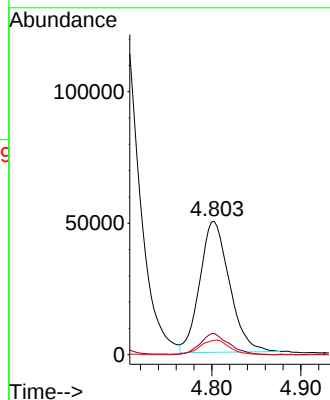
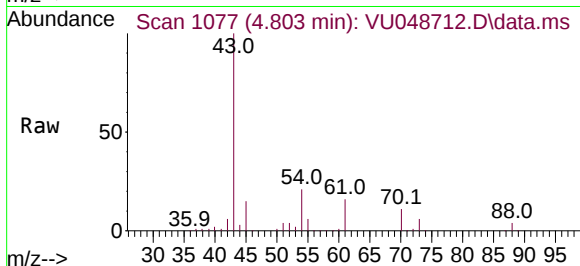
Tgt Ion: 43 Resp: 115257

Ion Ratio Lower Upper

43 100

61 15.7 11.7 17.5

70 11.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 17.115 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

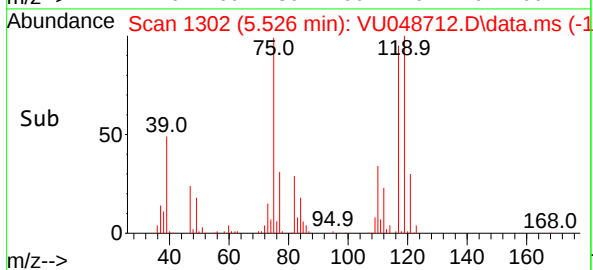
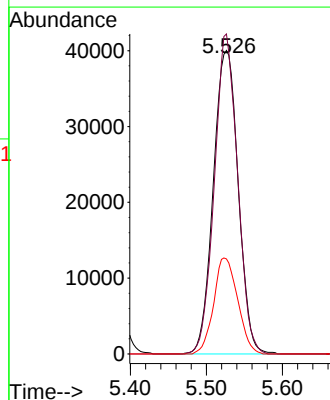
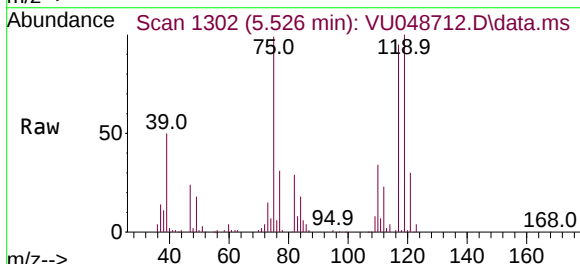
Tgt Ion: 117 Resp: 91051

Ion Ratio Lower Upper

117 100

119 105.4 75.4 113.2

121 31.3 24.6 36.8





#39

Methylcyclohexane

Concen: 18.660 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

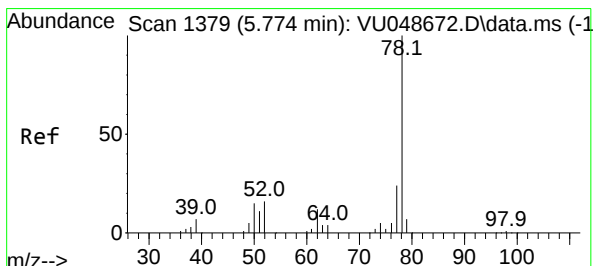
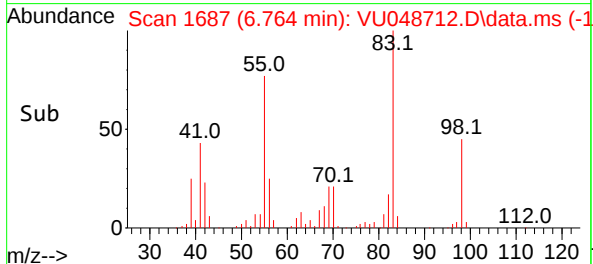
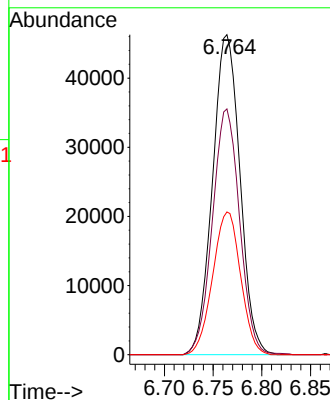
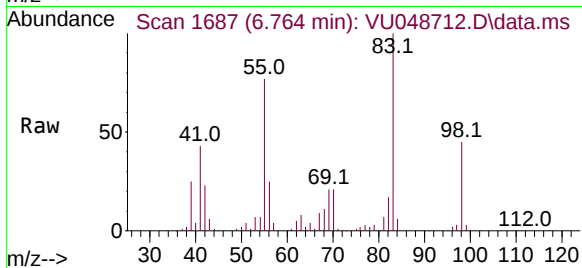
Tgt Ion: 83 Resp: 90726

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.6

98 44.6 36.8 55.2



#40

Benzene

Concen: 18.784 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048712.D

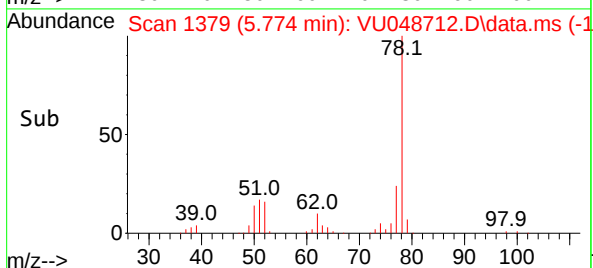
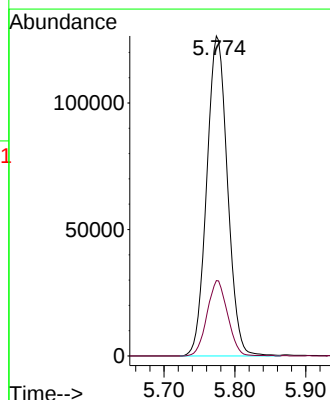
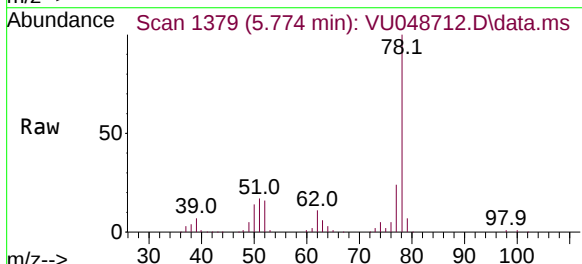
Acq: 27 May 2022 23:17

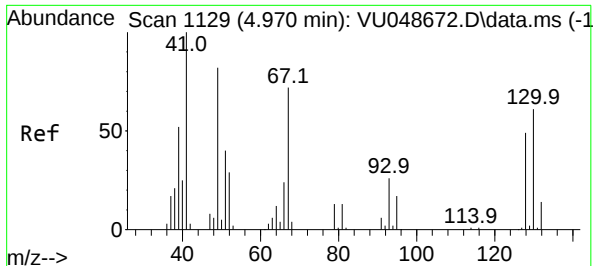
Tgt Ion: 78 Resp: 257149

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



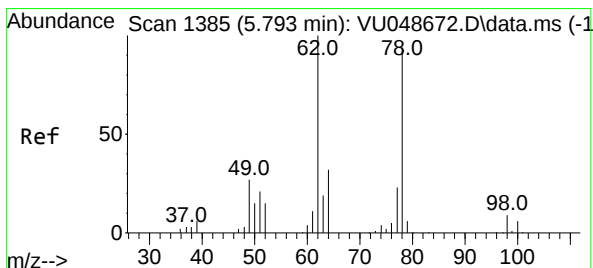
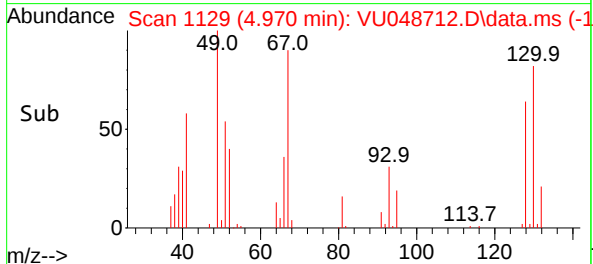
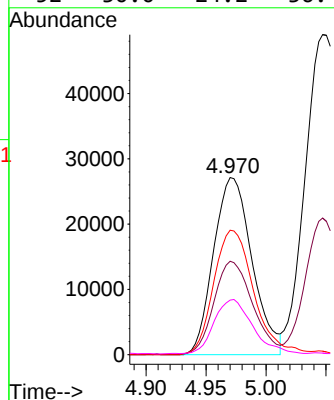
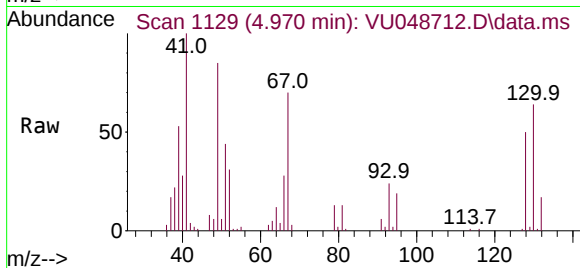


#41
Methacrylonitrile
Concen: 20.484 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 41 Resp: 60680

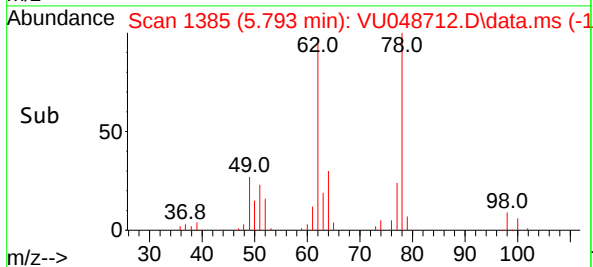
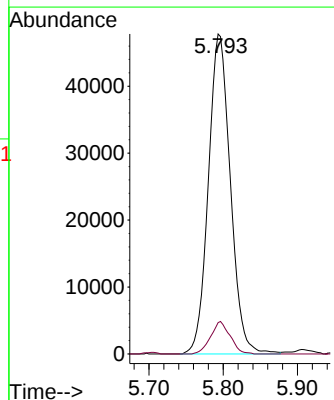
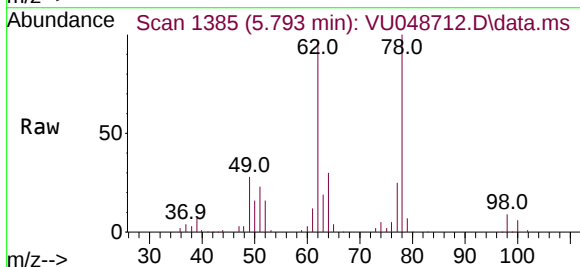
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.6	64.0
67	73.2	61.0	91.4
52	30.0	24.2	36.4

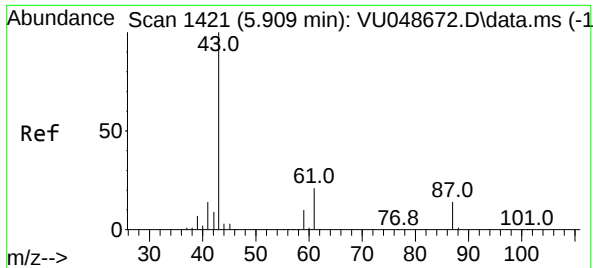


#42
1,2-Dichloroethane
Concen: 18.373 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 62 Resp: 98464

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0

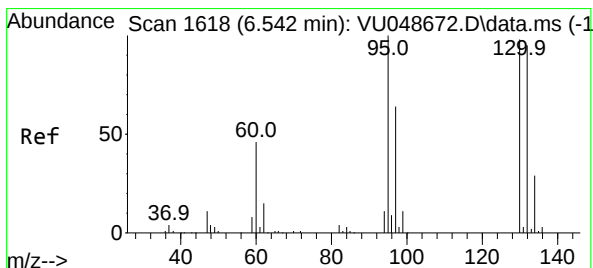
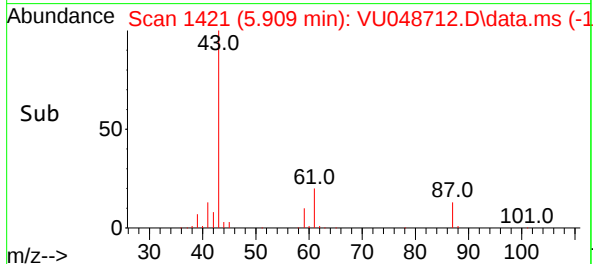
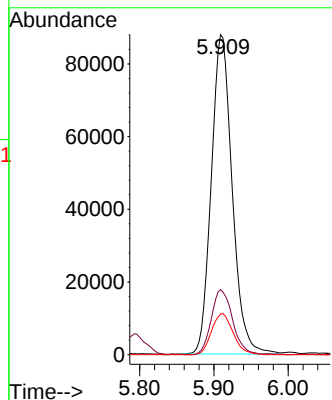
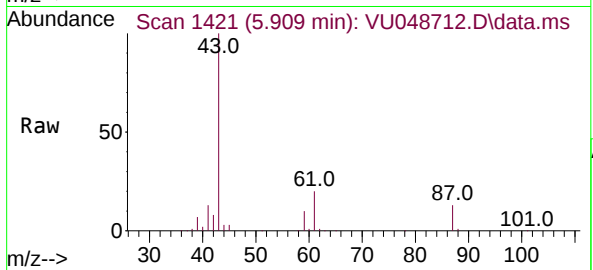




#43
Isopropyl Acetate
Concen: 20.186 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

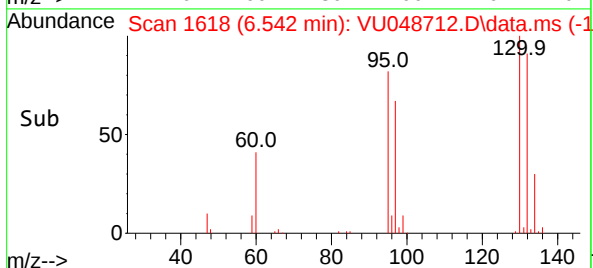
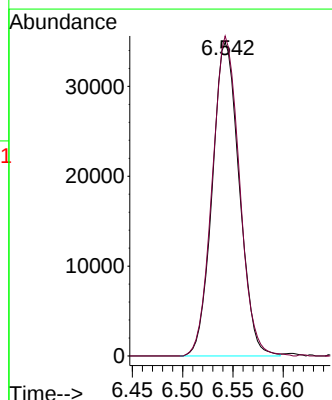
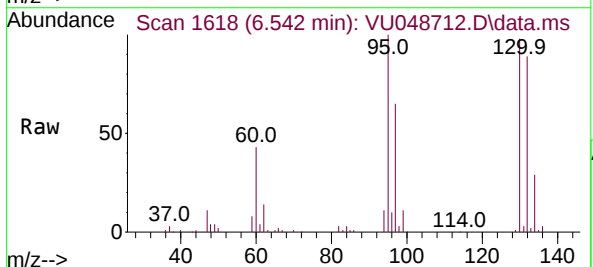
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

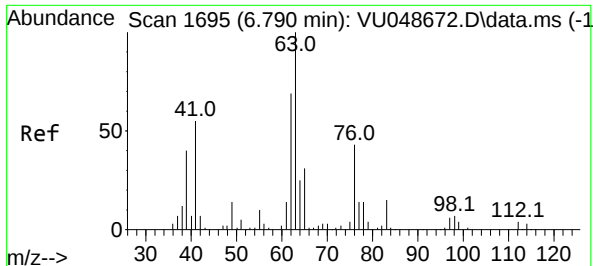
Tgt Ion: 43 Resp: 171755
Ion Ratio Lower Upper
43 100
61 20.8 16.7 25.1
87 13.2 10.9 16.3



#44
Trichloroethene
Concen: 18.450 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 130 Resp: 65074
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.101 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

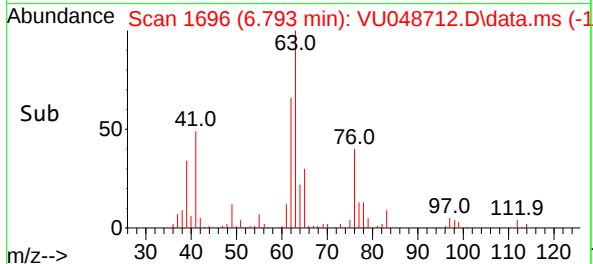
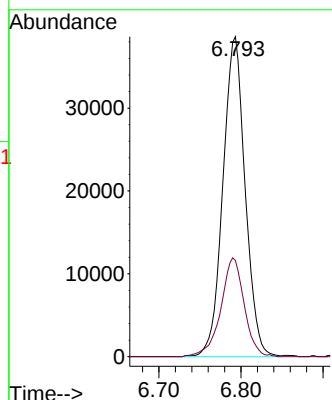
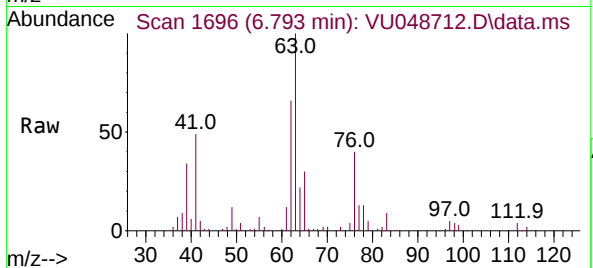
VU0527WBSD02

Tgt Ion: 63 Resp: 72726

Ion Ratio Lower Upper

63 100

65 30.1 24.8 37.2



#46

Dibromomethane

Concen: 19.095 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

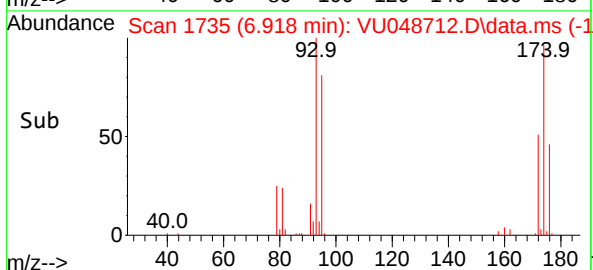
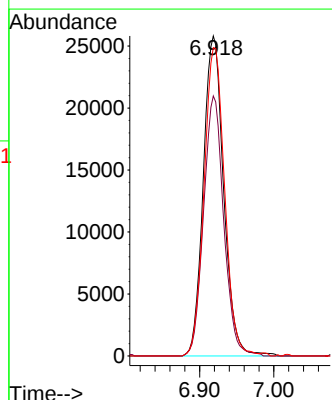
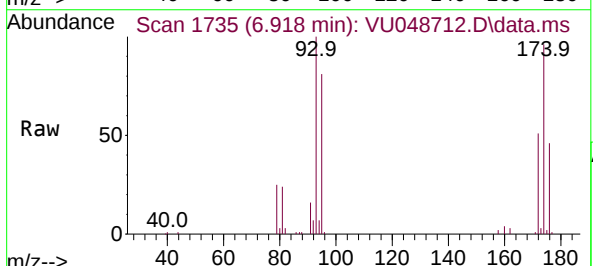
Tgt Ion: 93 Resp: 49169

Ion Ratio Lower Upper

93 100

95 80.3 65.1 97.7

174 97.0 77.8 116.6





#47

Bromodichloromethane

Concen: 18.072 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

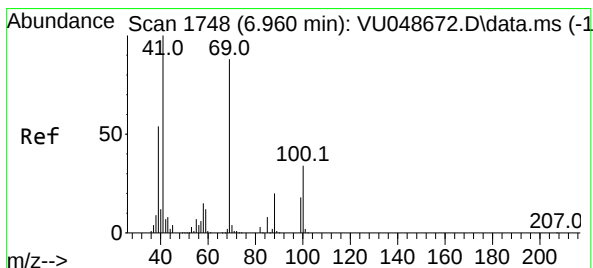
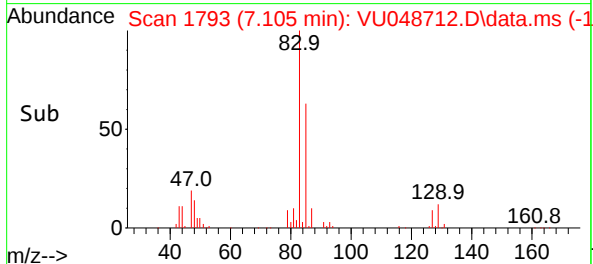
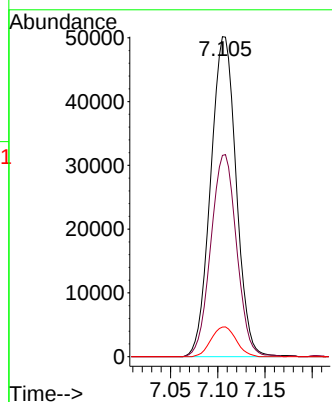
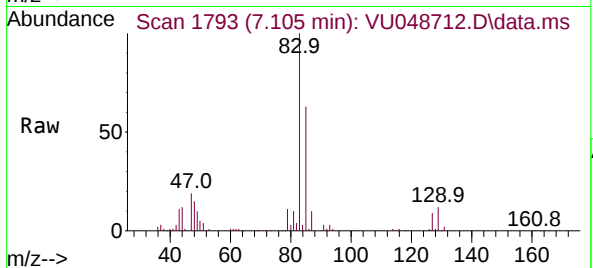
Tgt Ion: 83 Resp: 94107

Ion Ratio Lower Upper

83 100

85 62.9 52.1 78.1

127 9.3 6.9 10.3



#48

Methyl methacrylate

Concen: 20.699 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

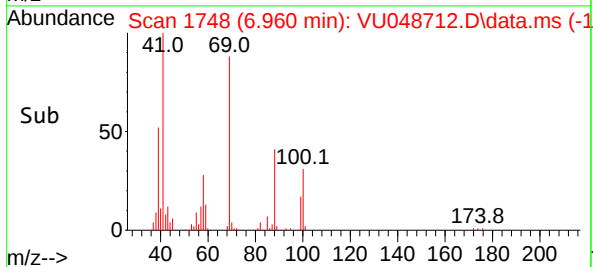
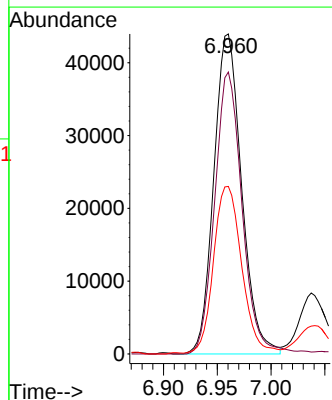
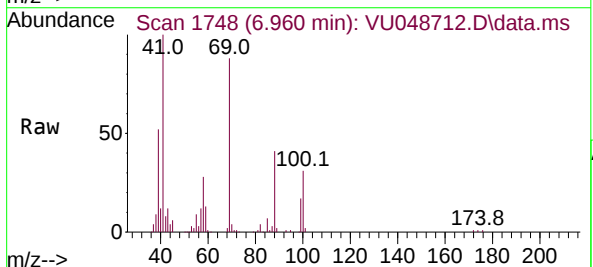
Tgt Ion: 41 Resp: 79062

Ion Ratio Lower Upper

41 100

69 86.8 70.7 106.1

39 52.4 43.4 65.2





#49

1,4-Dioxane

Concen: 399.612 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

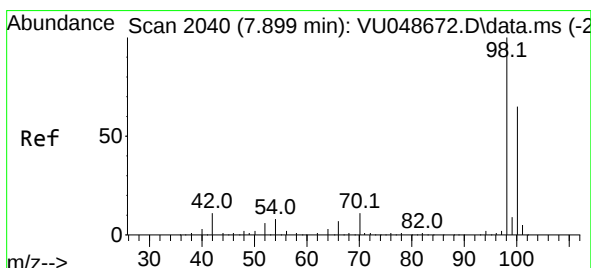
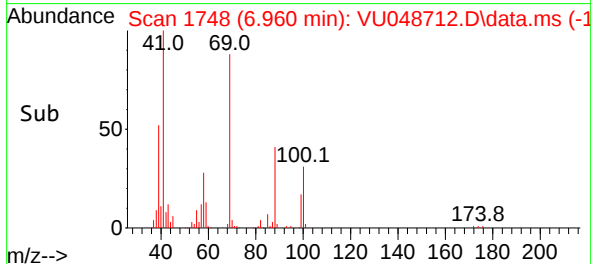
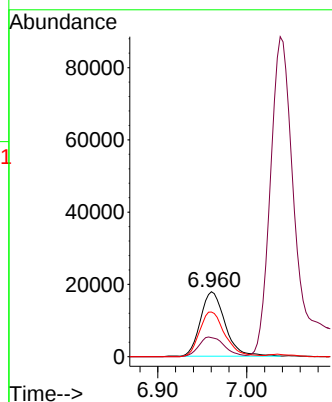
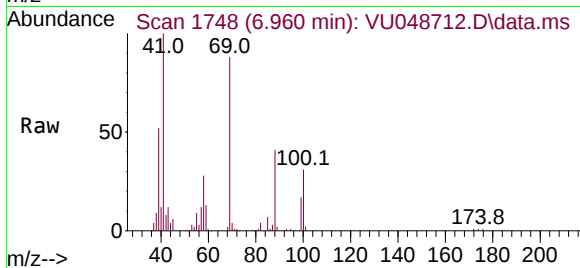
Tgt Ion: 88 Resp: 34121

Ion Ratio Lower Upper

88 100

43 32.0 24.6 36.8

58 71.8 54.7 82.1



#50

Toluene-d8

Concen: 48.631 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048712.D

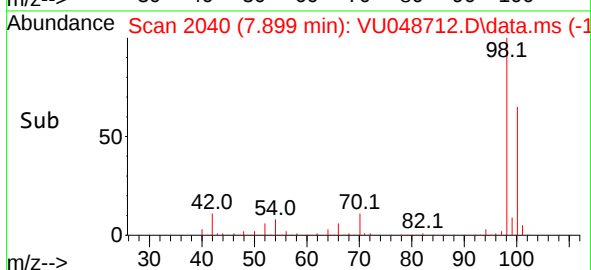
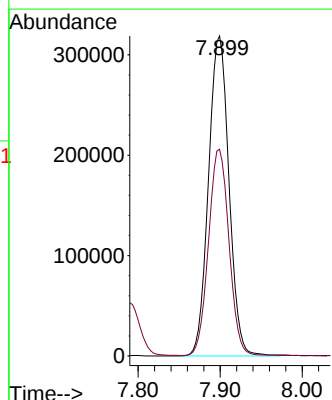
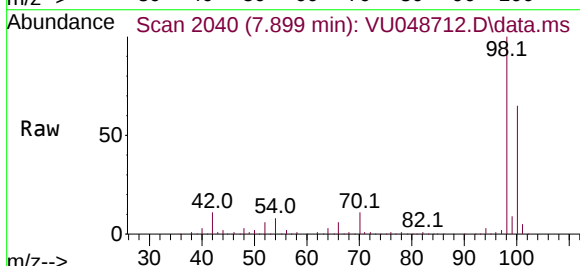
Acq: 27 May 2022 23:17

Tgt Ion: 98 Resp: 553872

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 109.411 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

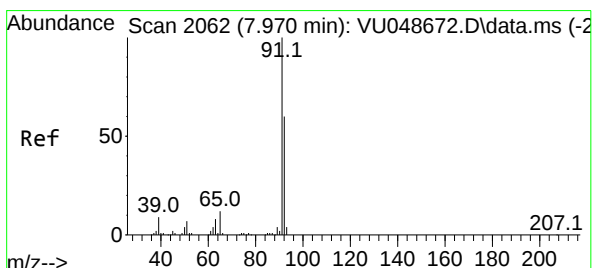
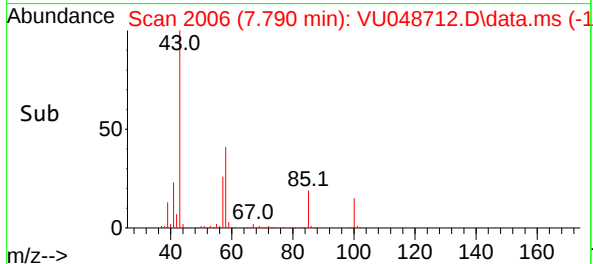
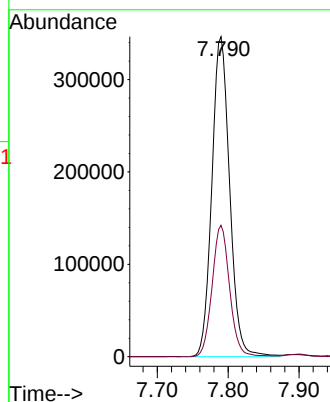
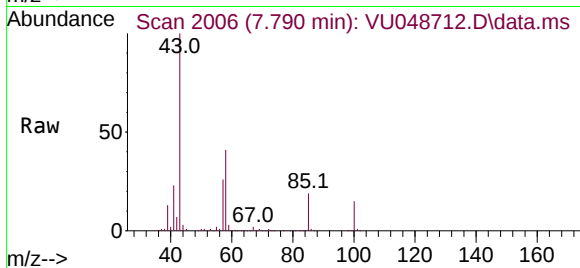
VU0527WBSD02

Tgt Ion: 43 Resp: 604468

Ion Ratio Lower Upper

43 100

58 40.4 32.7 49.1



#52

Toluene

Concen: 19.092 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048712.D

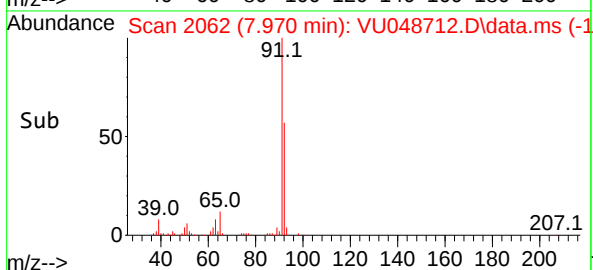
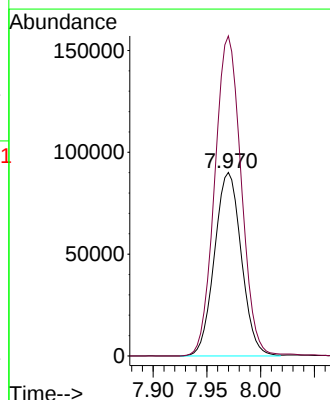
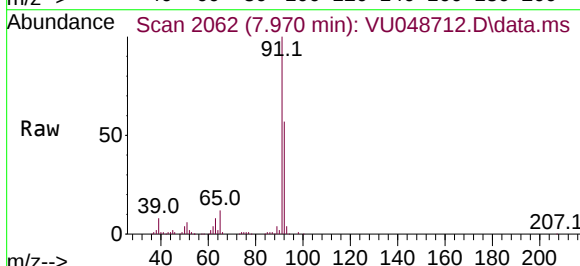
Acq: 27 May 2022 23:17

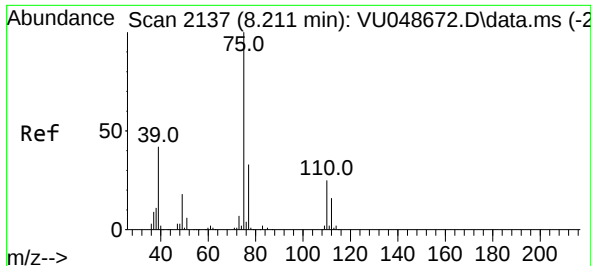
Tgt Ion: 92 Resp: 156337

Ion Ratio Lower Upper

92 100

91 172.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.312 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

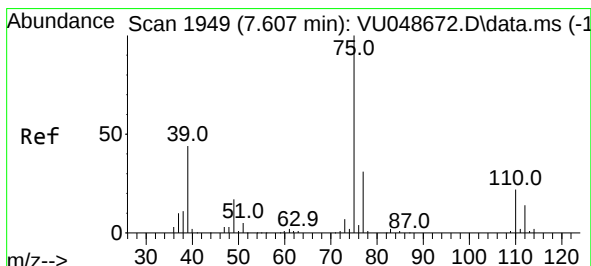
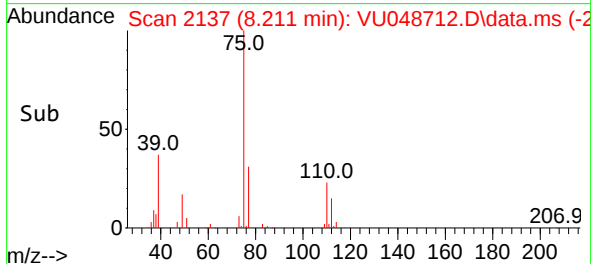
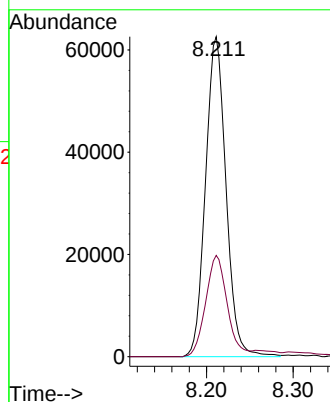
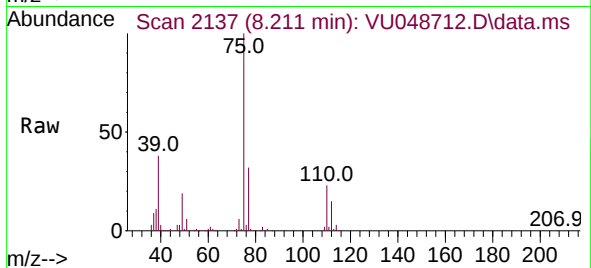
VU0527WBSD02

Tgt Ion: 75 Resp: 102861

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.345 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

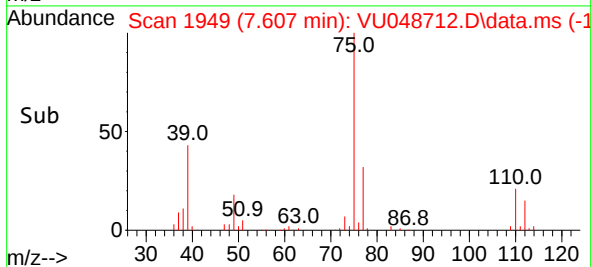
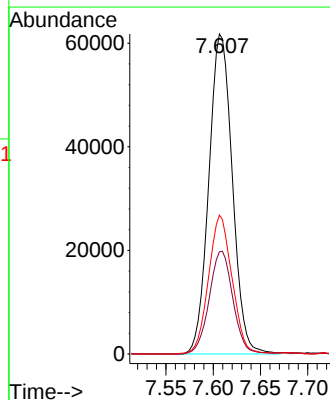
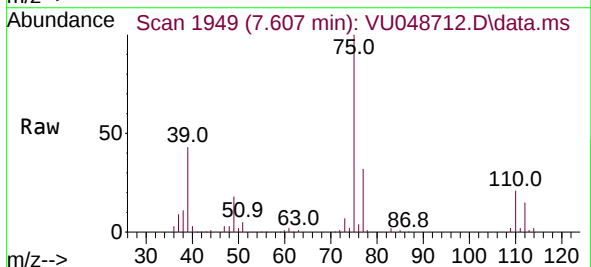
Tgt Ion: 75 Resp: 106783

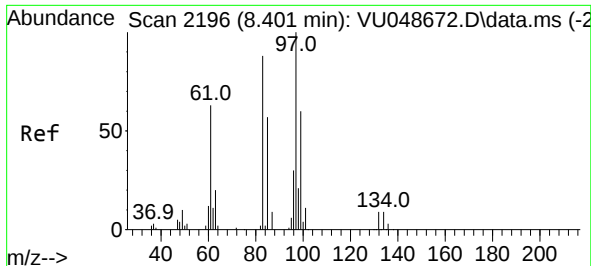
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 43.2 35.2 52.8

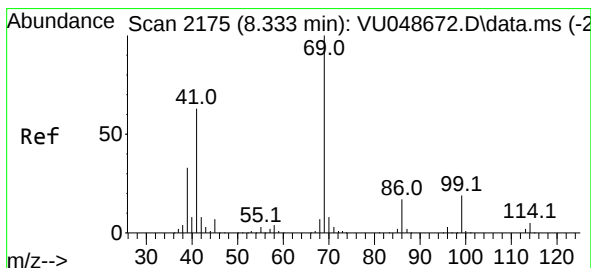
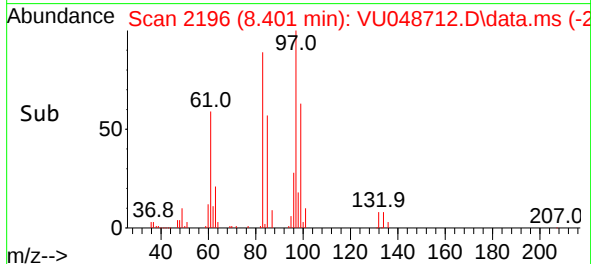
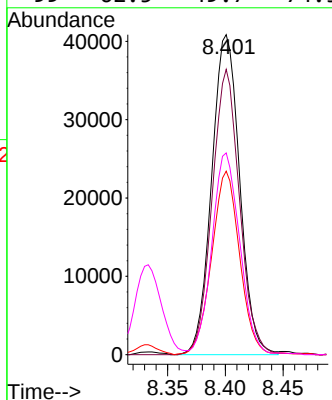
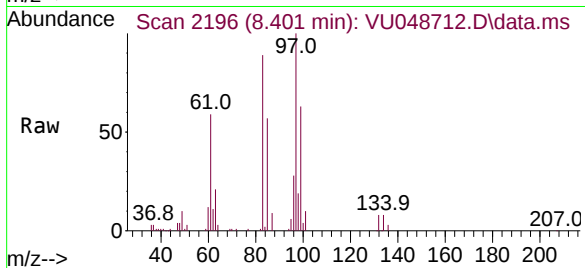




#55
1,1,2-Trichloroethane
Concen: 19.077 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

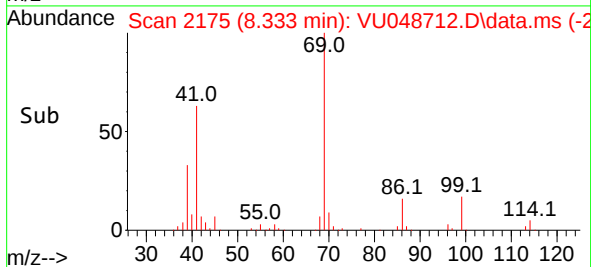
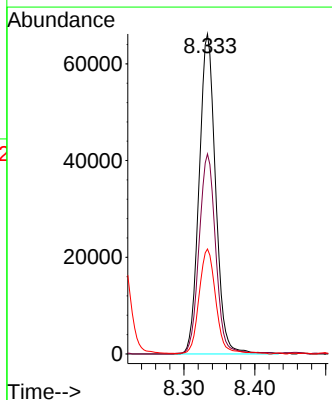
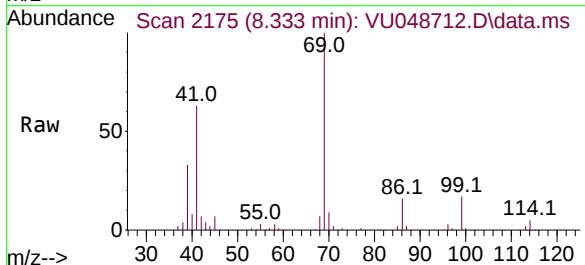
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

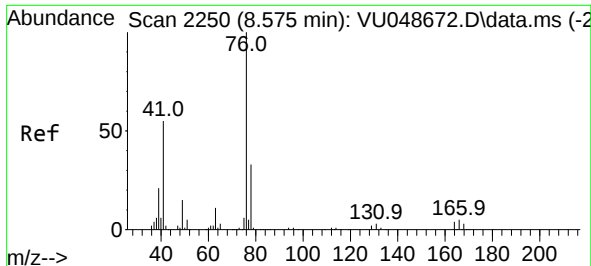
Tgt Ion:	97	Resp:	68944
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	57.1	45.6	68.4
99	62.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 20.306 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:	69	Resp:	106614
Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	32.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.186 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

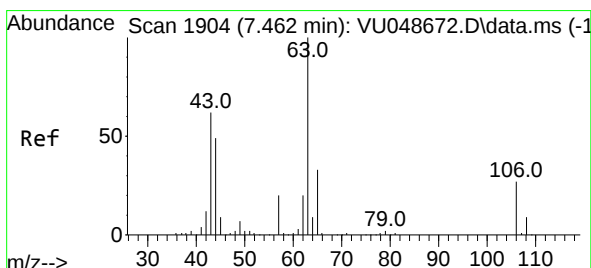
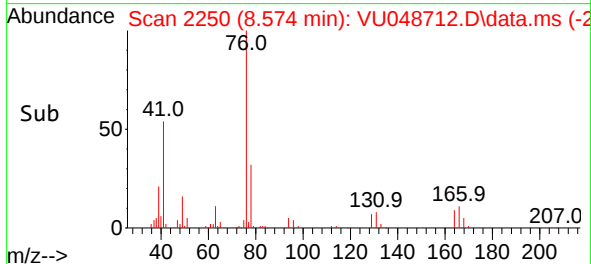
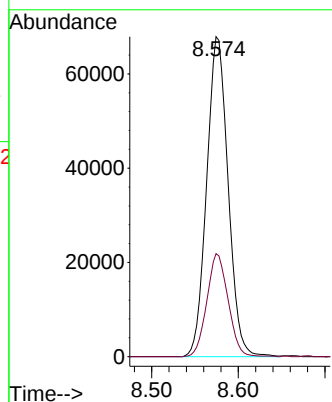
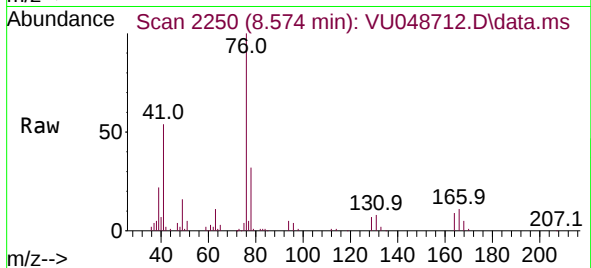
VU0527WBSD02

Tgt Ion: 76 Resp: 116702

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.220 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048712.D

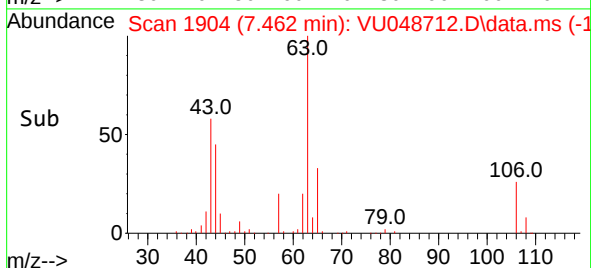
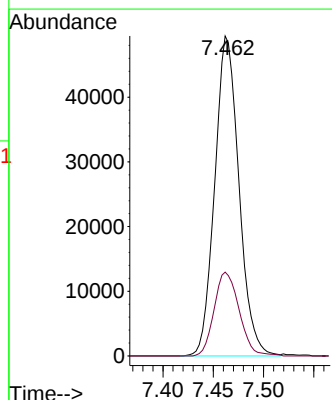
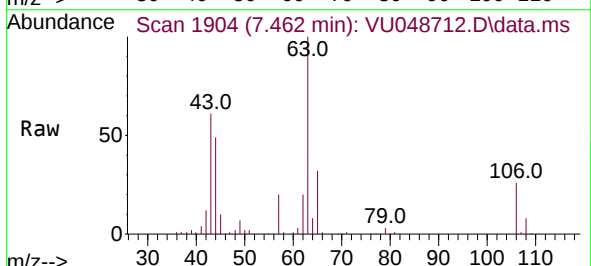
Acq: 27 May 2022 23:17

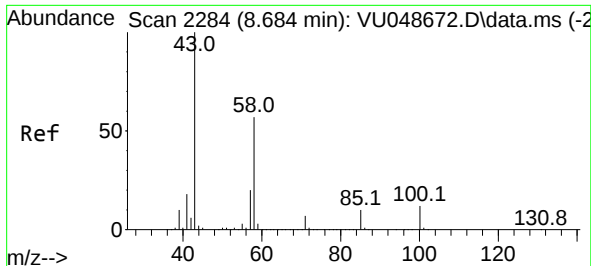
Tgt Ion: 63 Resp: 82760

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2

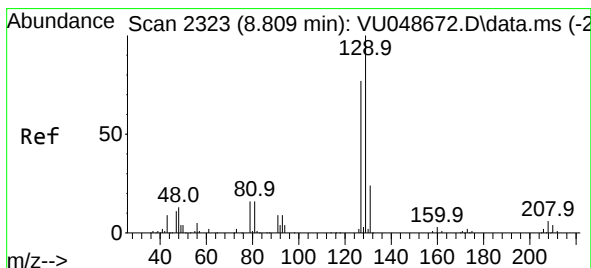
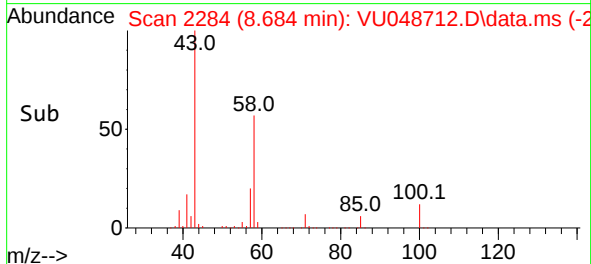
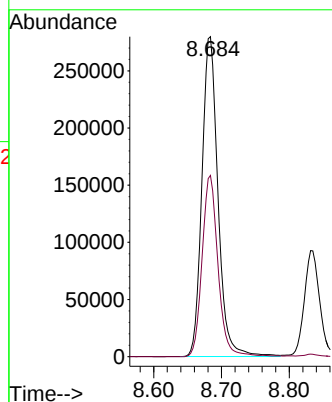
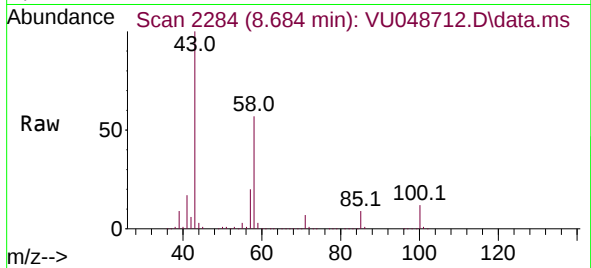




#59
2-Hexanone
Concen: 101.496 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

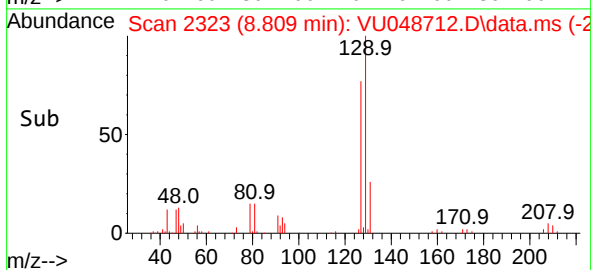
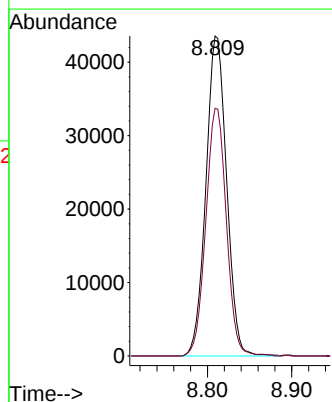
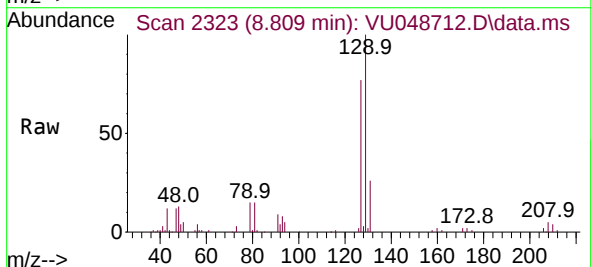
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 43 Resp: 460351
Ion Ratio Lower Upper
43 100
58 56.2 28.2 84.6



#60
Dibromochloromethane
Concen: 18.384 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:129 Resp: 74475
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

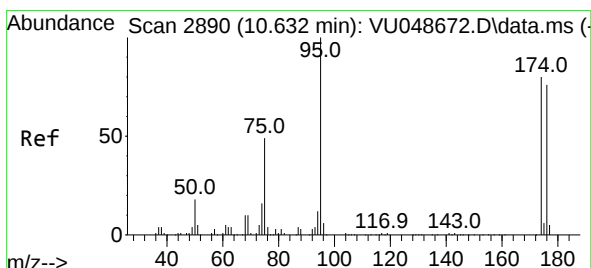
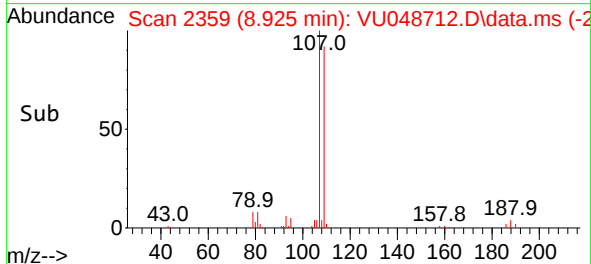
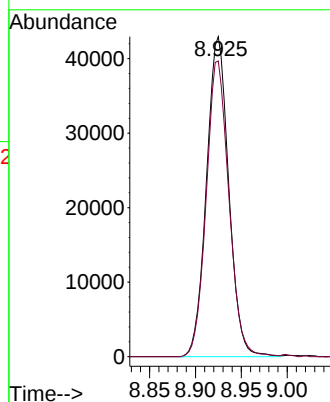
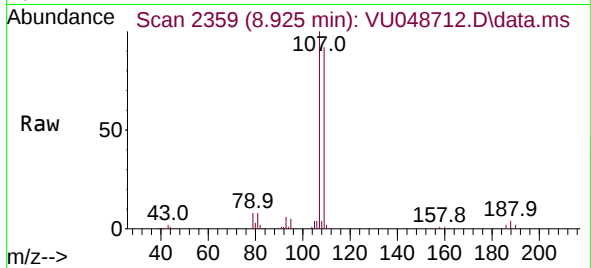




#61
1,2-Dibromoethane
Concen: 18.253 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

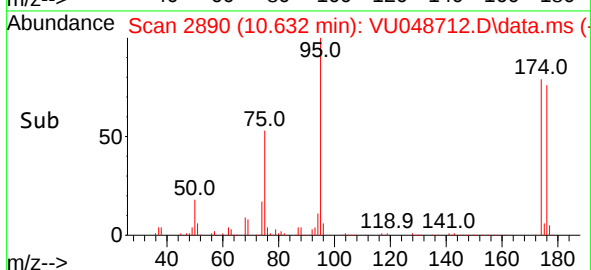
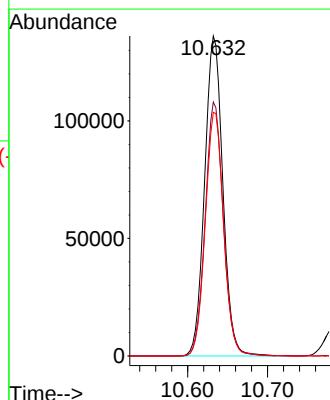
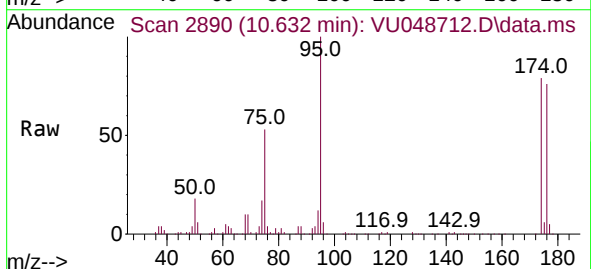
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

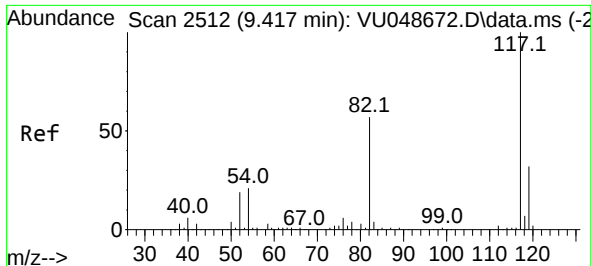
Tgt Ion:107 Resp: 72649
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 95 Resp: 215557
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.4
176 76.7 0.0 152.4

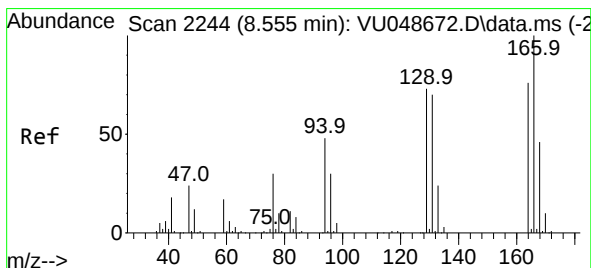
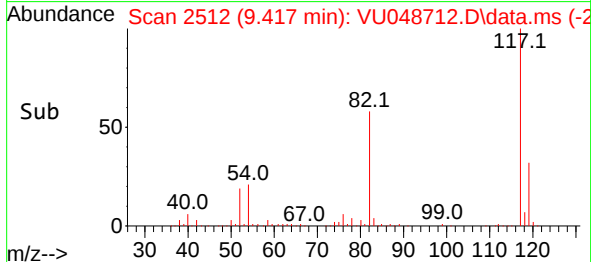
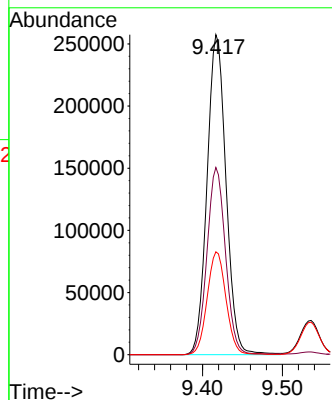
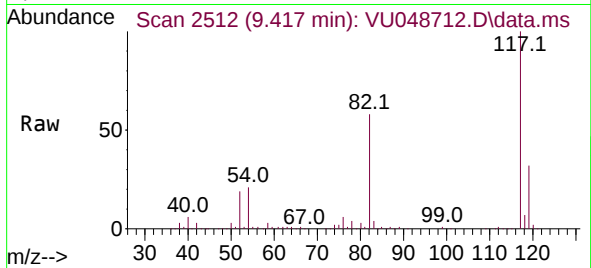




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

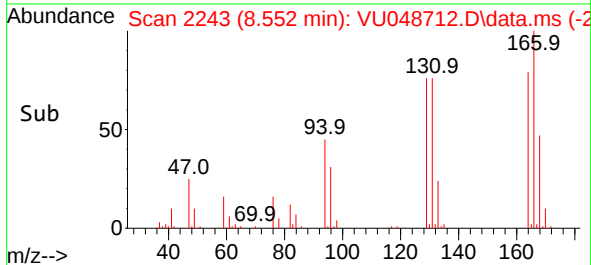
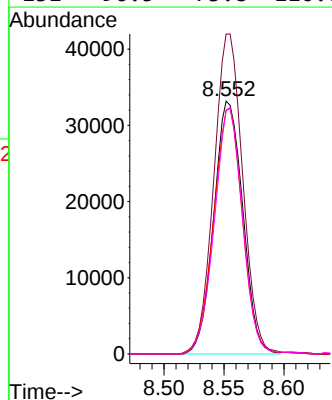
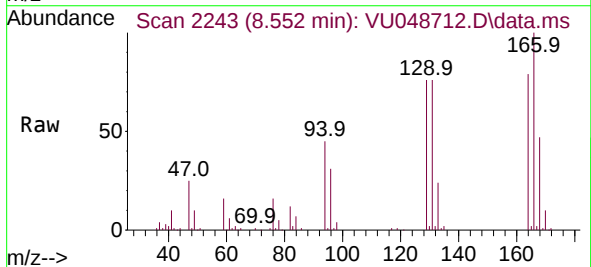
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

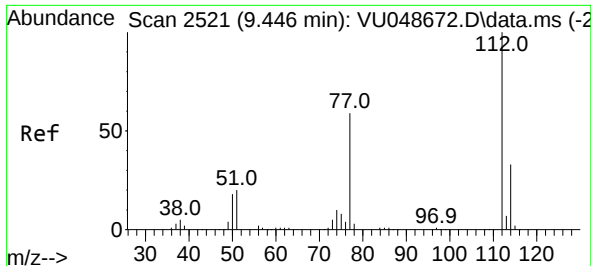
Tgt Ion:117 Resp: 424760
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 18.164 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:164 Resp: 55658
Ion Ratio Lower Upper
164 100
166 126.5 105.0 157.4
129 96.2 76.5 114.7
131 96.5 73.8 110.6

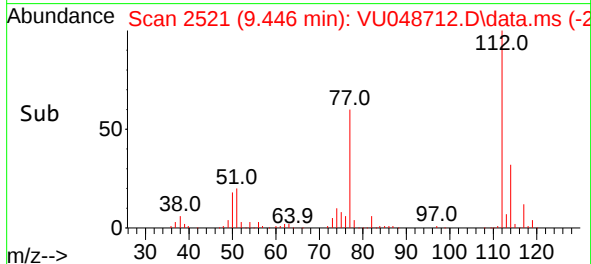
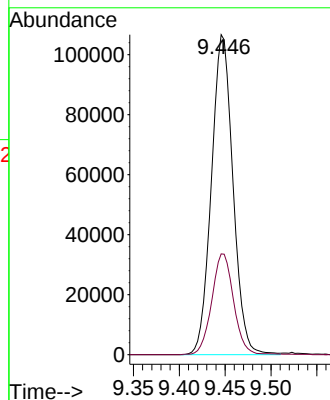
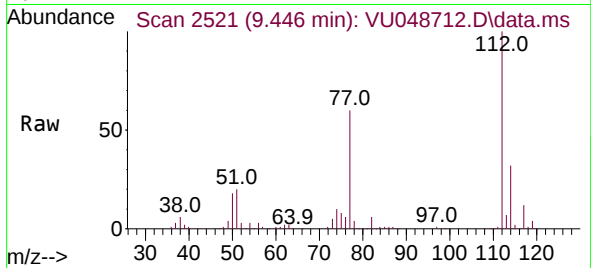




#65
Chlorobenzene
Concen: 19.429 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

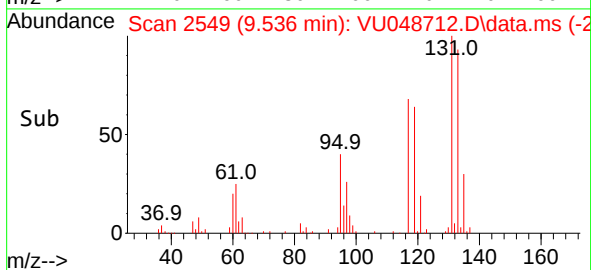
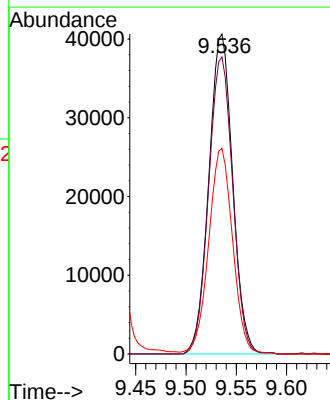
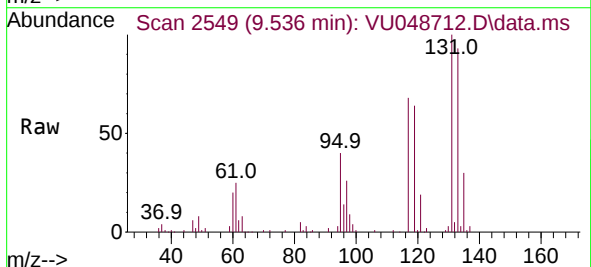
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

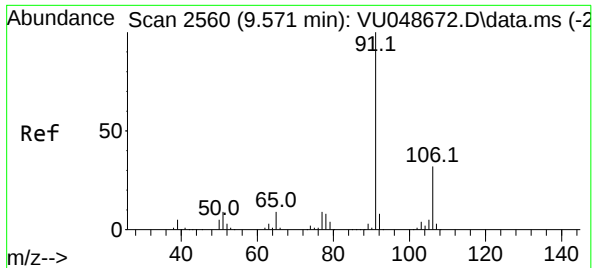
Tgt Ion:112 Resp: 174547
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.650 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:131 Resp: 67008
Ion Ratio Lower Upper
131 100
133 93.6 48.5 145.5
119 64.7 32.7 98.1





#67

Ethyl Benzene

Concen: 20.203 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

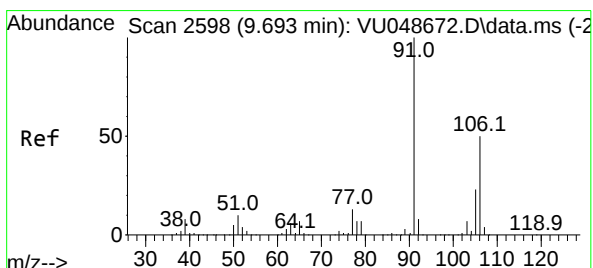
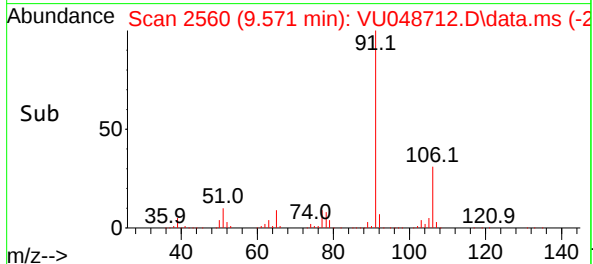
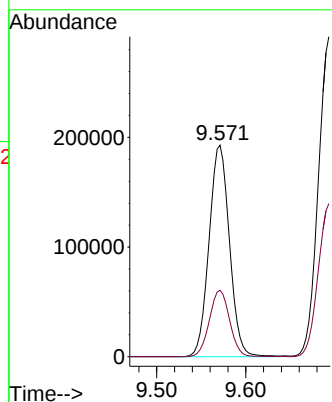
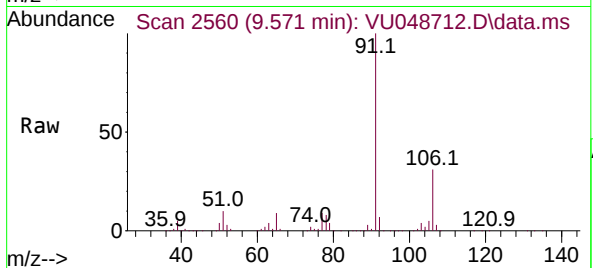
VU0527WBSD02

Tgt Ion: 91 Resp: 306116

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 40.032 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048712.D

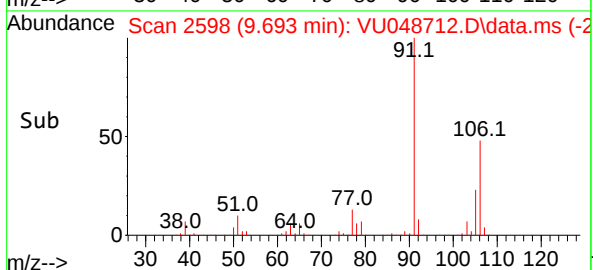
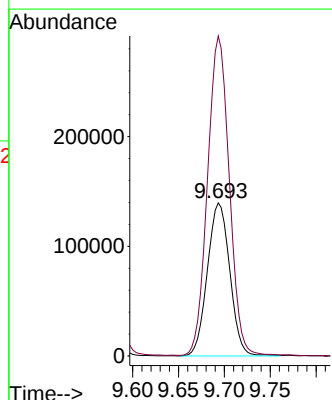
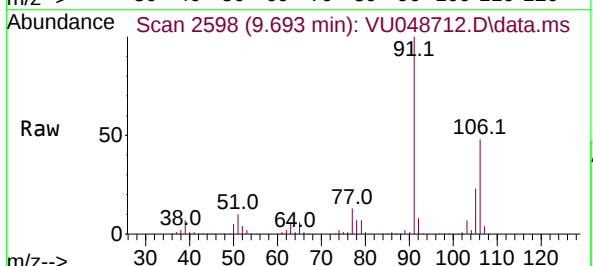
Acq: 27 May 2022 23:17

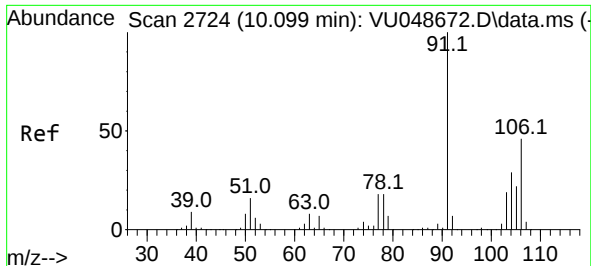
Tgt Ion: 106 Resp: 237234

Ion Ratio Lower Upper

106 100

91 204.3 162.4 243.6

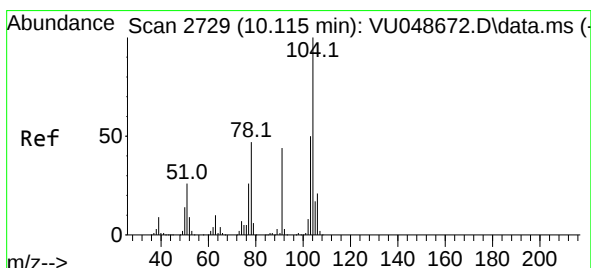
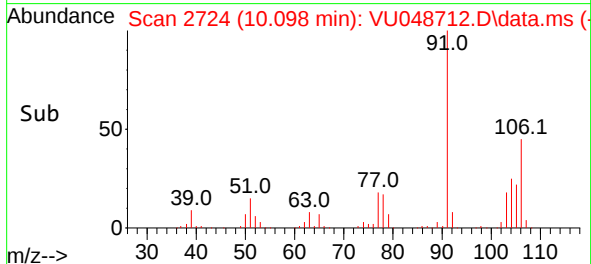
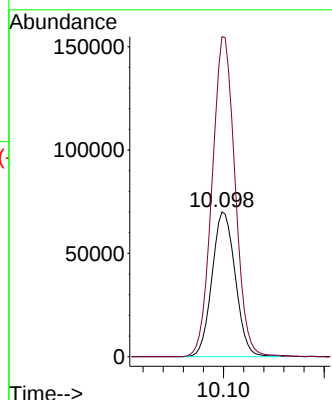
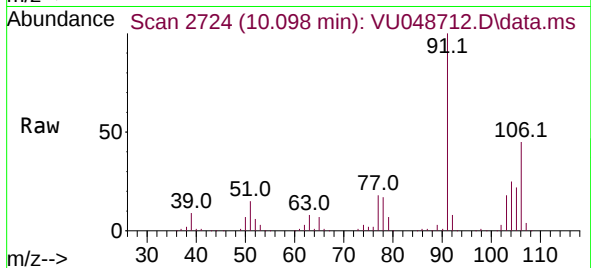




#69
o-Xylene
Concen: 19.357 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

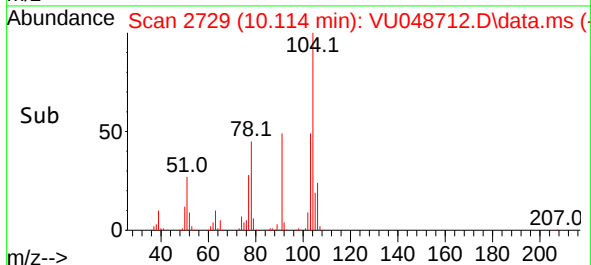
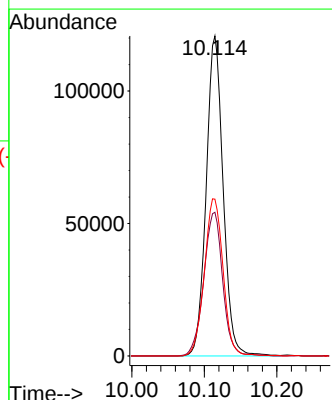
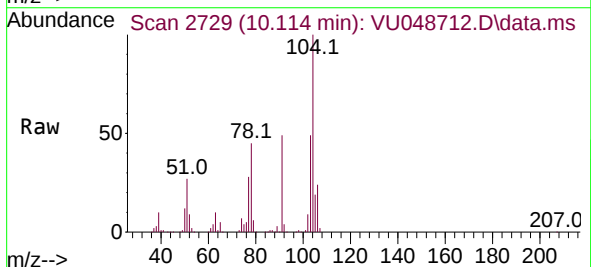
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

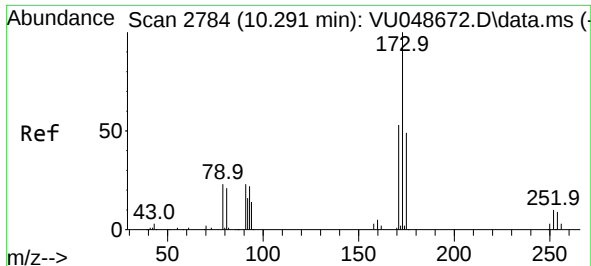
Tgt Ion:106 Resp: 112701
Ion Ratio Lower Upper
106 100
91 218.8 107.7 323.3



#70
Styrene
Concen: 20.541 ug/l
RT: 10.114 min Scan# 2729
Delta R.T. -0.001 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:104 Resp: 196707
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 54.3 43.4 65.2

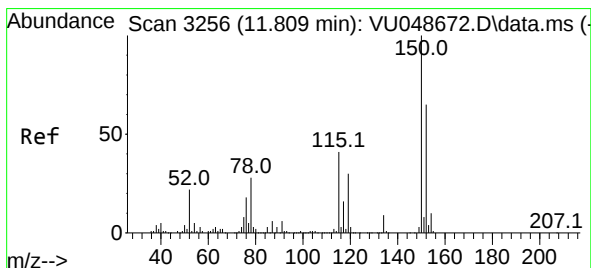
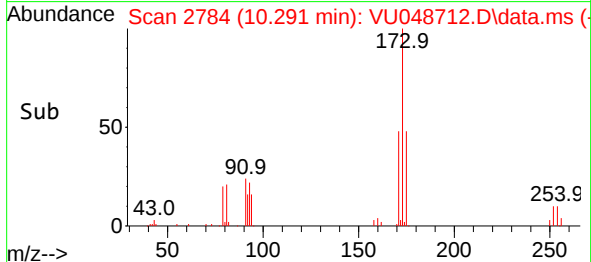
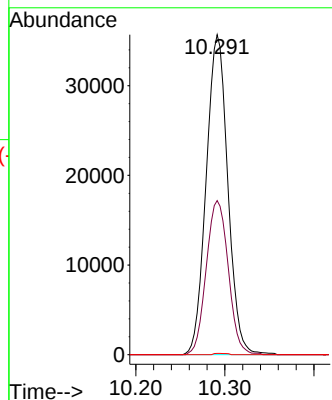
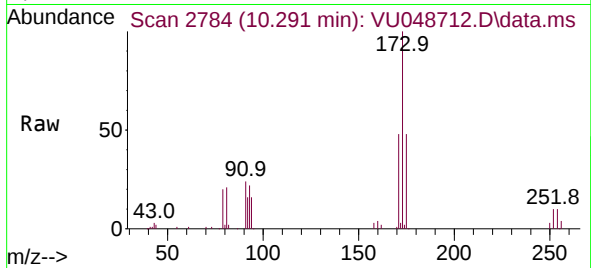




#71
Bromoform
Concen: 19.055 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

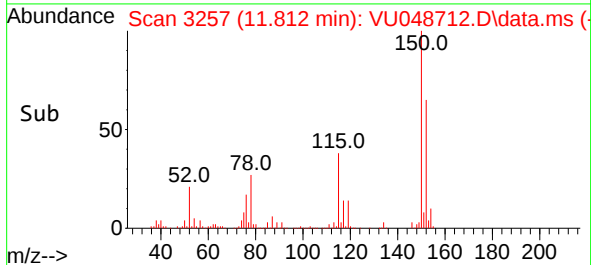
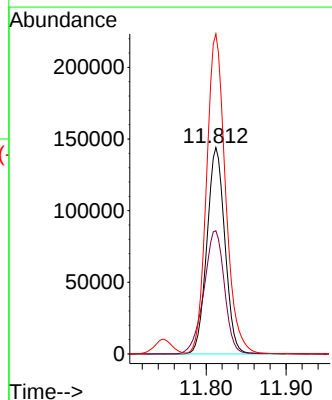
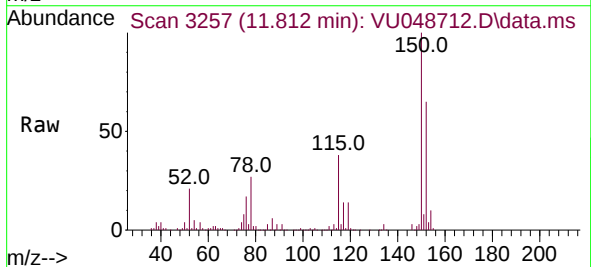
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

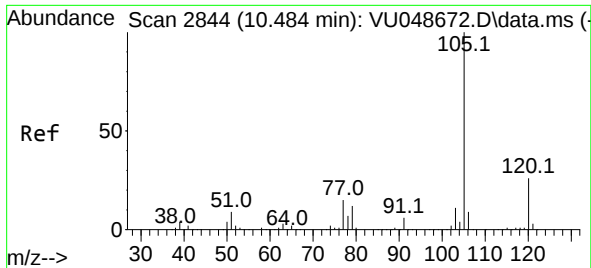
Tgt Ion:173 Resp: 60079
Ion Ratio Lower Upper
173 100
175 49.1 24.5 73.5
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:152 Resp: 224978
Ion Ratio Lower Upper
152 100
115 67.8 41.8 125.4
150 163.3 0.0 341.0

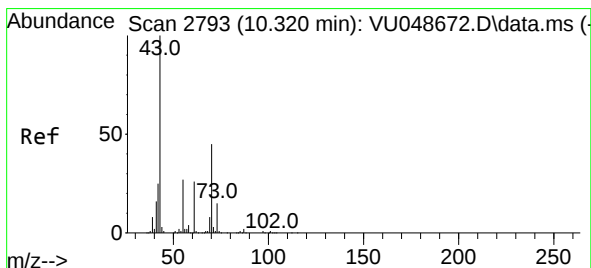
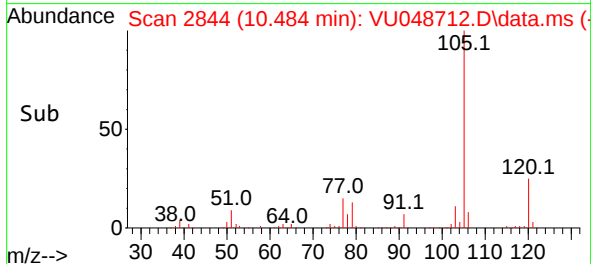
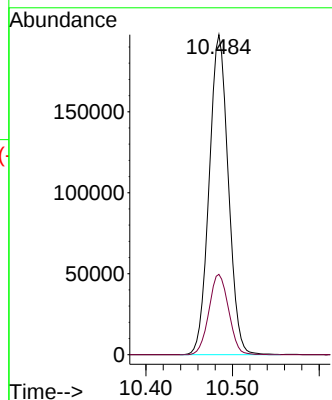
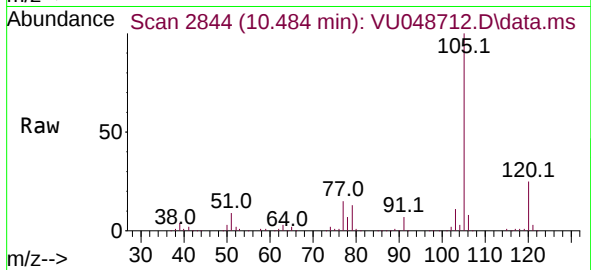




#73
Isopropylbenzene
Concen: 20.873 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

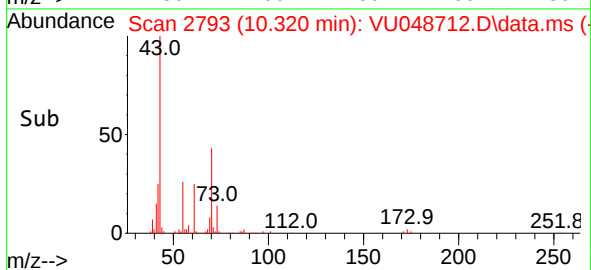
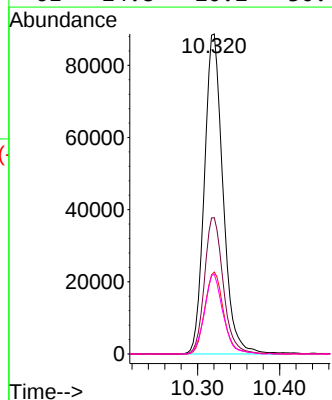
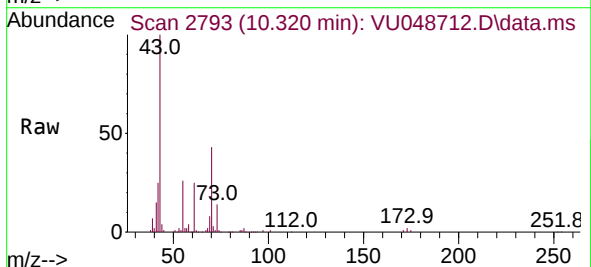
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

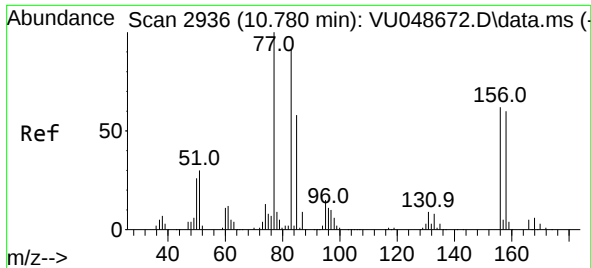
Tgt Ion:105 Resp: 303169
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 20.537 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 43 Resp: 139773
Ion Ratio Lower Upper
43 100
70 43.0 35.8 53.6
55 25.9 21.1 31.7
61 24.8 20.2 30.4

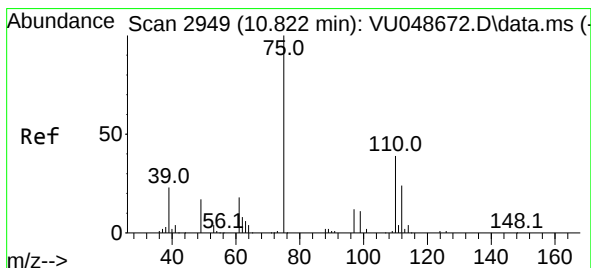
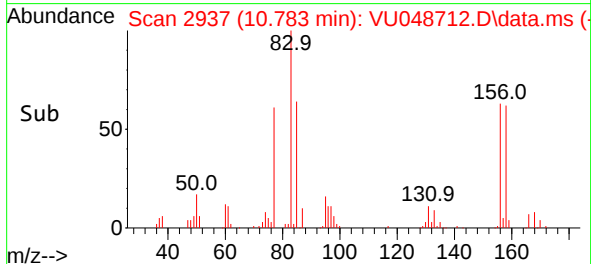
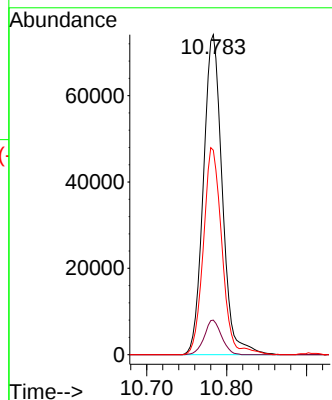
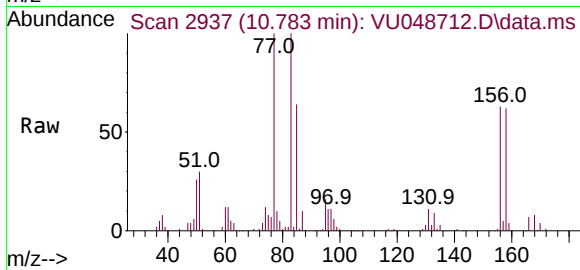




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.558 ug/l
 RT: 10.783 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

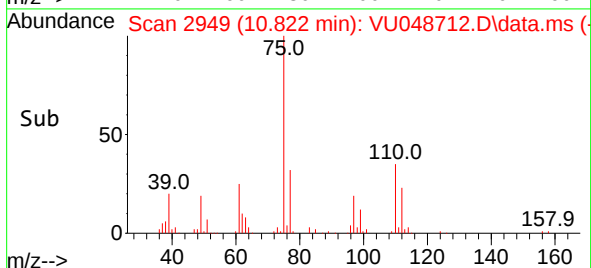
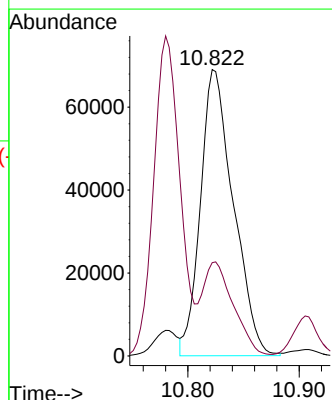
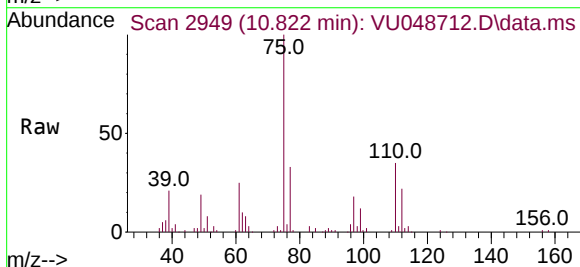
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02

Tgt Ion: 83 Resp: 121850
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.2 15.6
 85 63.6 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 19.541 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

Tgt Ion: 75 Resp: 141747
 Ion Ratio Lower Upper
 75 100
 77 30.0 14.8 44.3

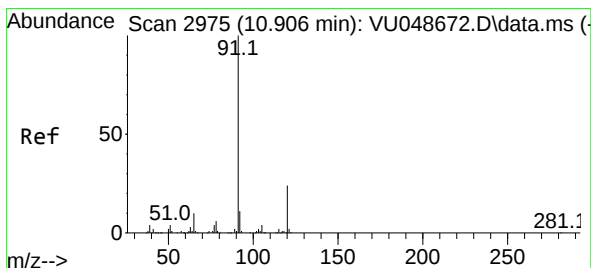
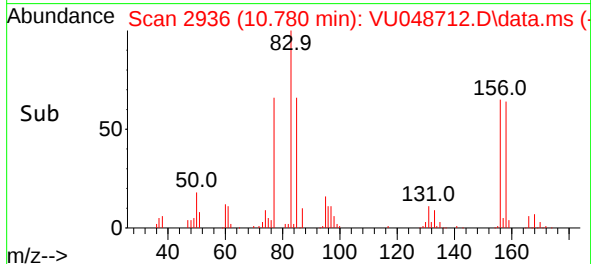
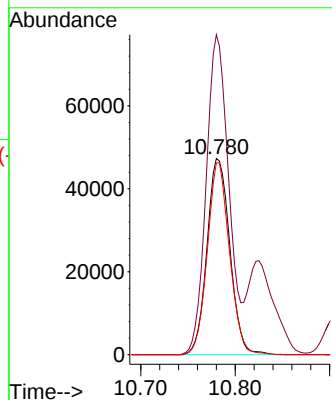
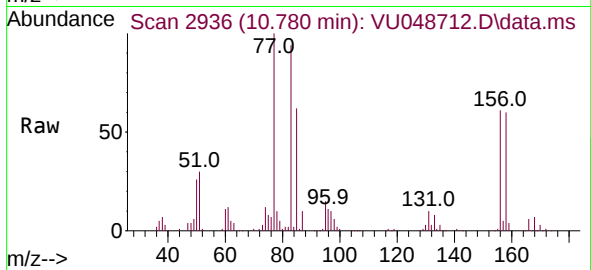




#77
Bromobenzene
Concen: 20.376 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

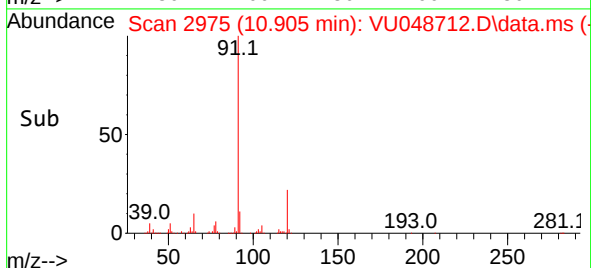
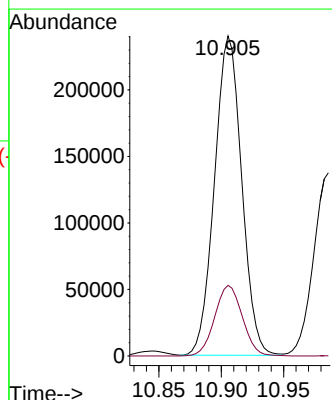
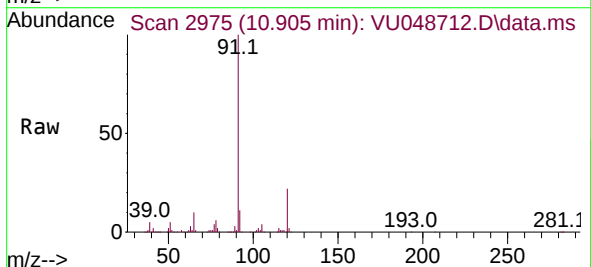
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

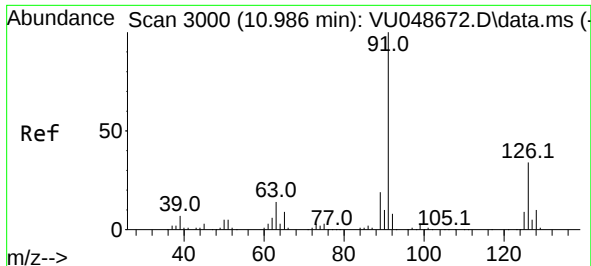
Tgt Ion:156 Resp: 79481
Ion Ratio Lower Upper
156 100
77 159.1 81.1 243.3
158 95.1 48.8 146.4



#78
n-propylbenzene
Concen: 21.034 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 91 Resp: 364036
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7

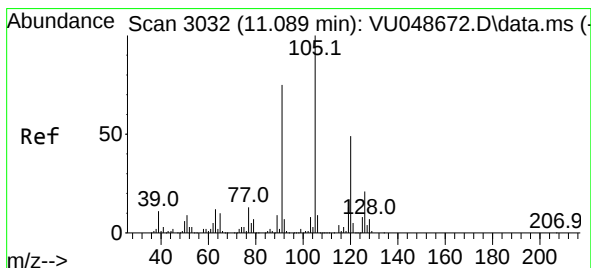
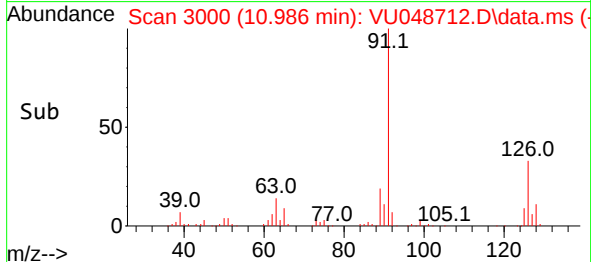
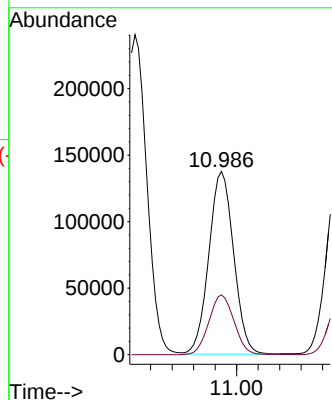
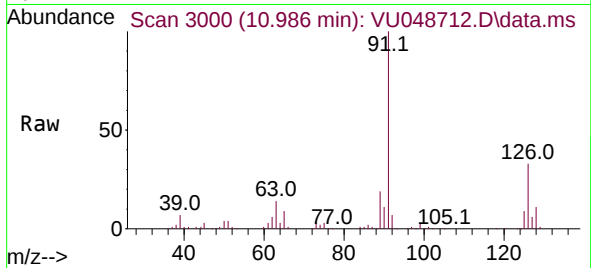




#79
2-Chlorotoluene
Concen: 20.448 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

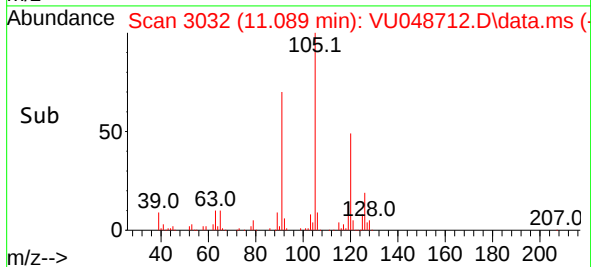
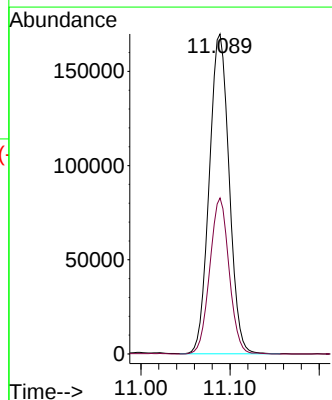
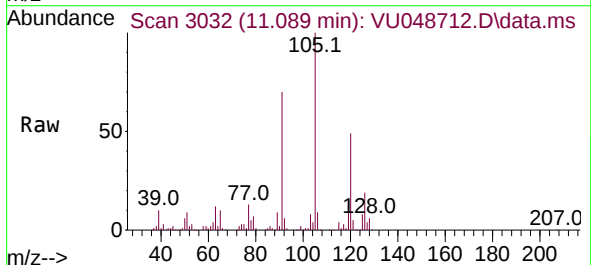
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

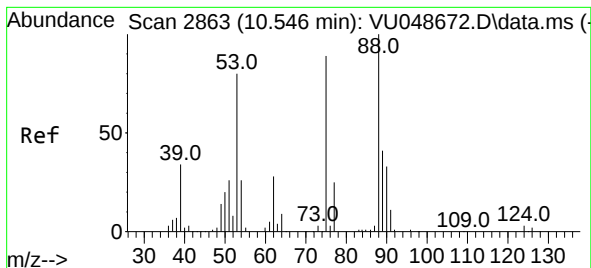
Tgt Ion: 91 Resp: 220074
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.763 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 105 Resp: 262251
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3

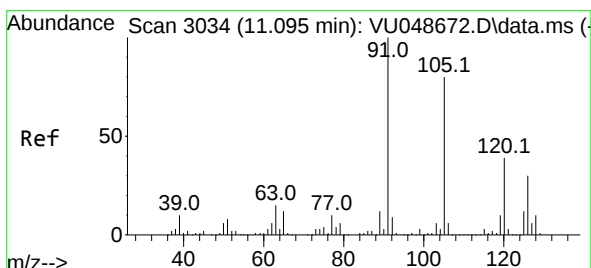
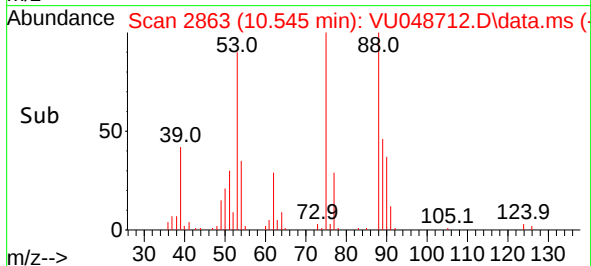
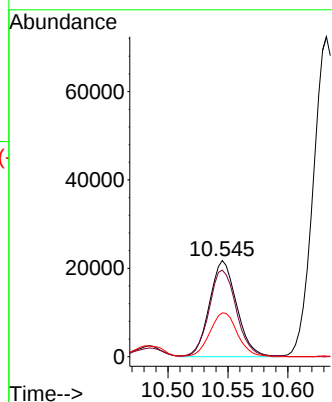
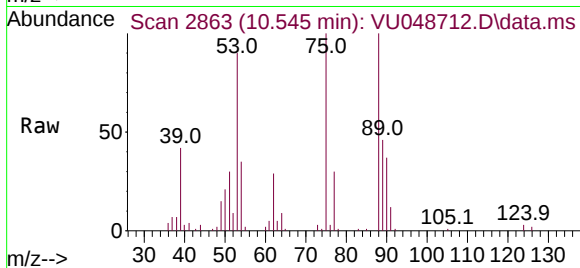




#81
trans-1,4-Dichloro-2-butene
Concen: 17.105 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

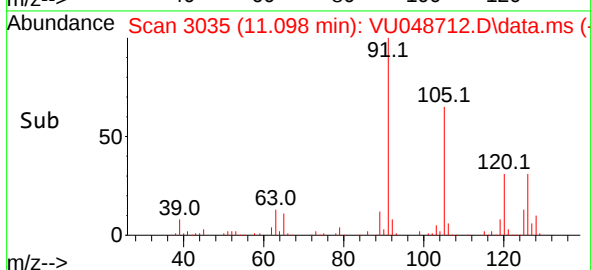
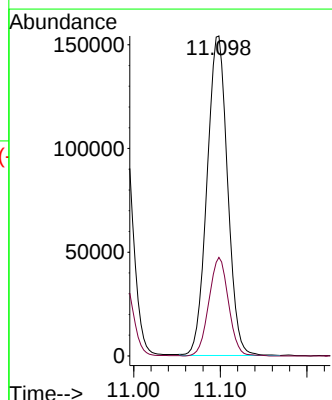
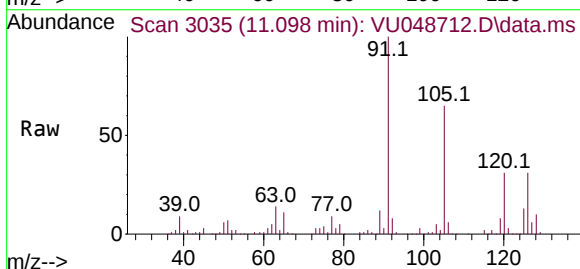
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

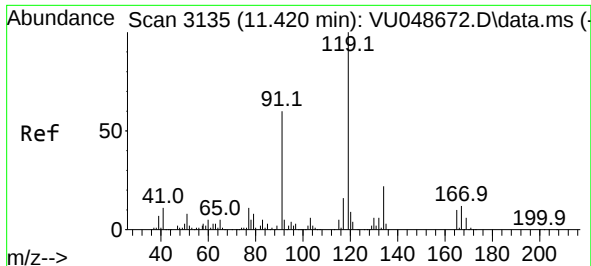
Tgt Ion: 75 Resp: 34172
Ion Ratio Lower Upper
75 100
53 91.4 72.5 108.7
89 46.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.373 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 91 Resp: 252992
Ion Ratio Lower Upper
91 100
126 29.5 14.4 43.2

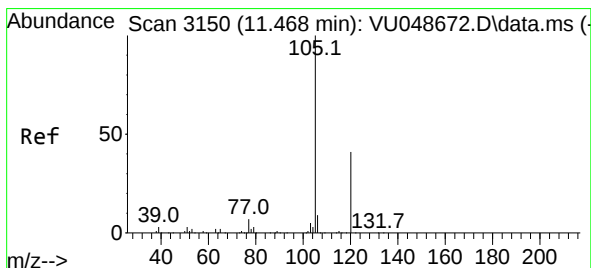
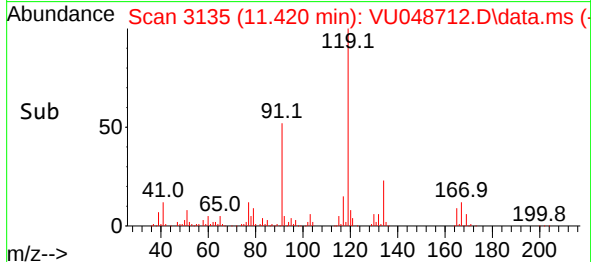
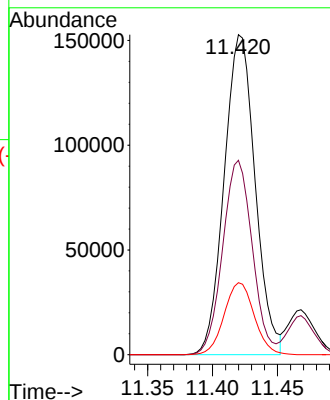
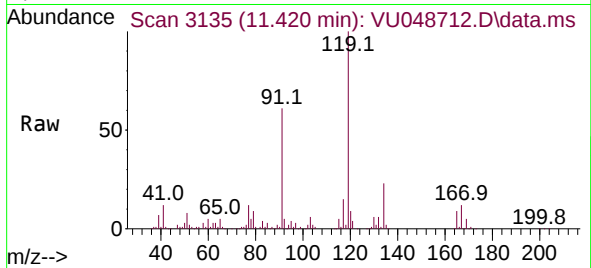




#83
tert-Butylbenzene
Concen: 20.912 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

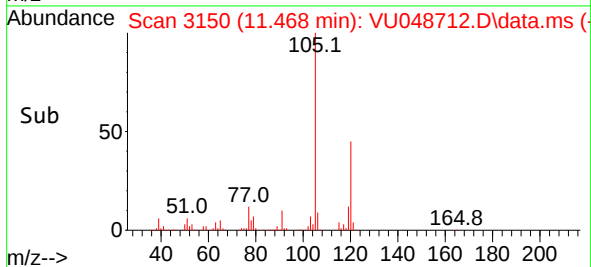
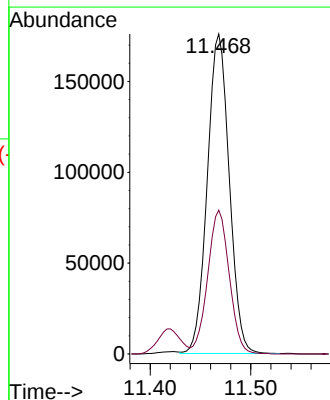
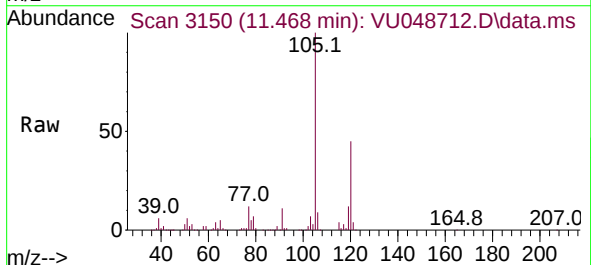
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

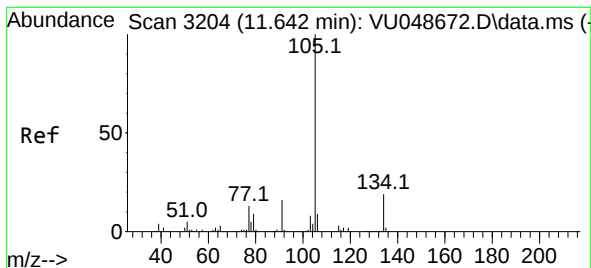
Tgt Ion:119 Resp: 253504
Ion Ratio Lower Upper
119 100
91 58.0 28.7 86.1
134 21.9 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 20.313 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:105 Resp: 266694
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.073 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

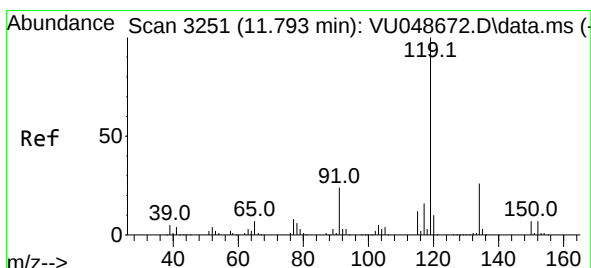
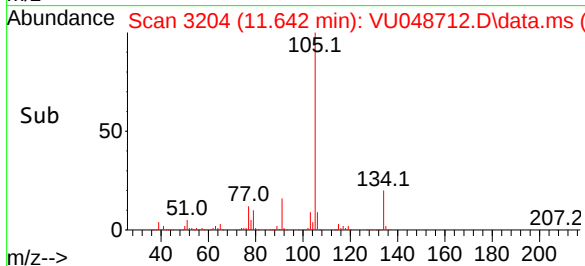
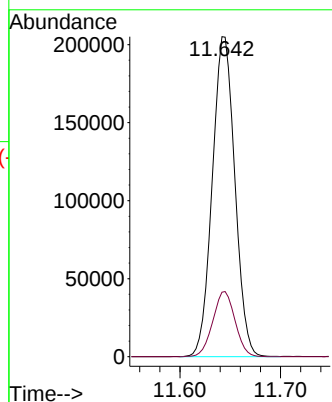
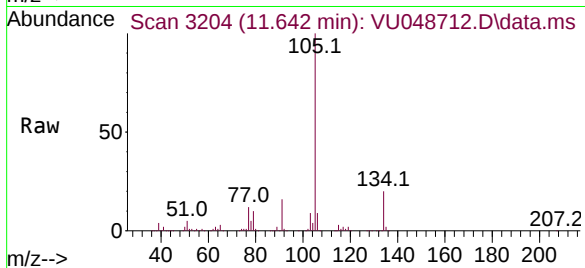
VU0527WBSD02

Tgt Ion:105 Resp: 319589

Ion Ratio Lower Upper

105 100

134 20.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 20.902 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

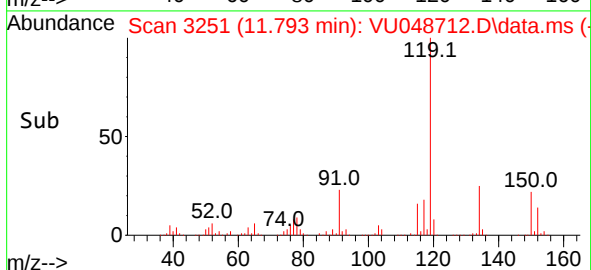
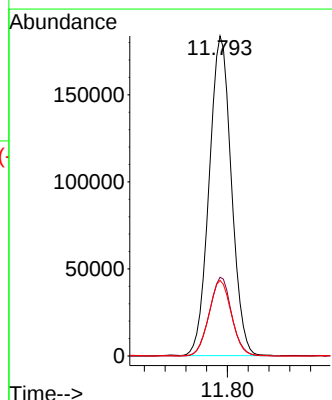
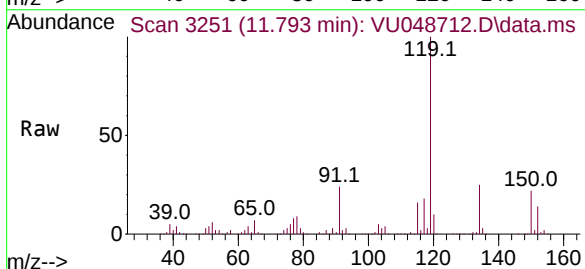
Tgt Ion:119 Resp: 272224

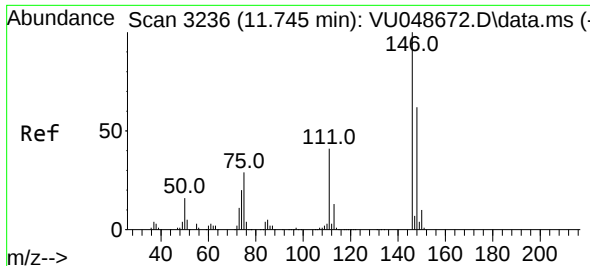
Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.394 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

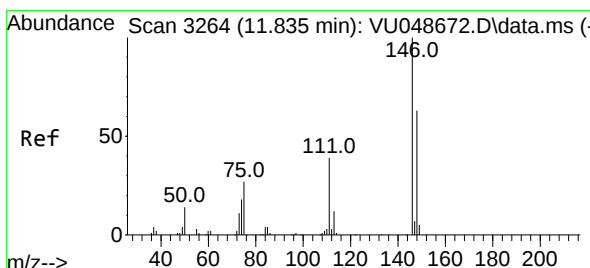
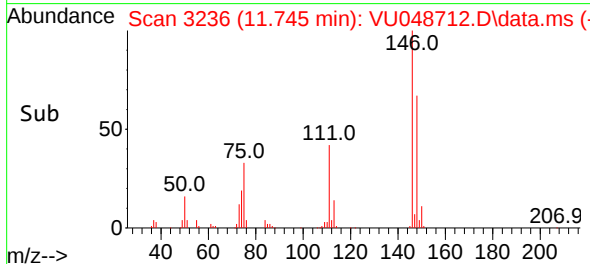
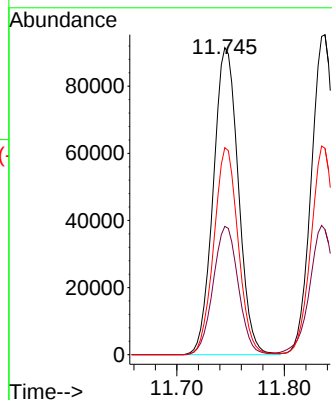
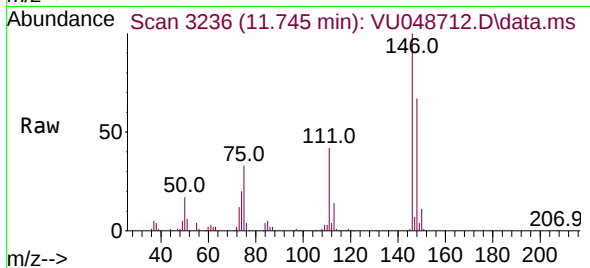
Tgt Ion:146 Resp: 148319

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 65.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.140 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

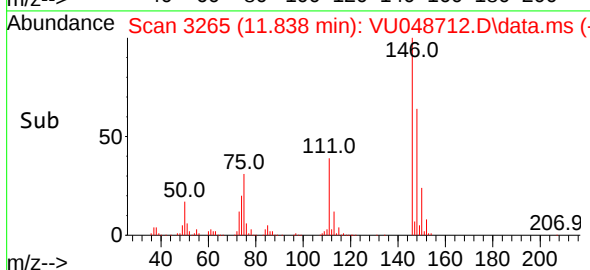
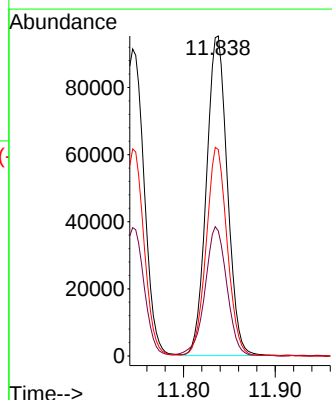
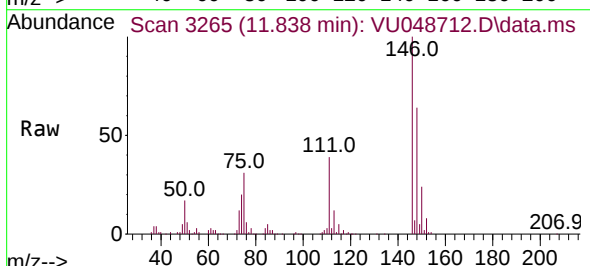
Tgt Ion:146 Resp: 151230

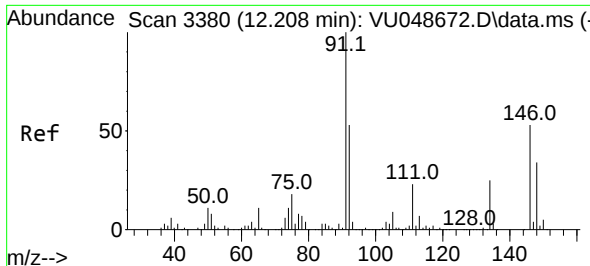
Ion Ratio Lower Upper

146 100

111 42.5 20.2 60.6

148 65.6 32.4 97.0

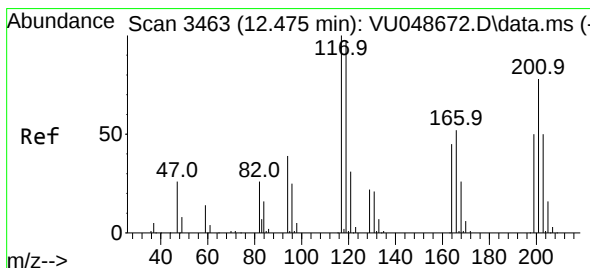
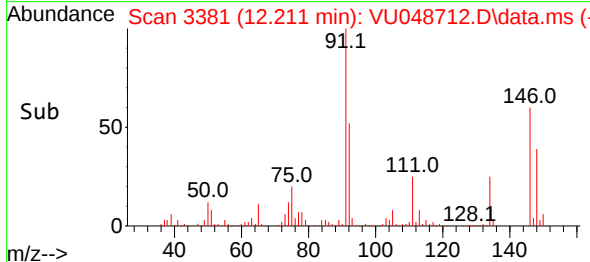
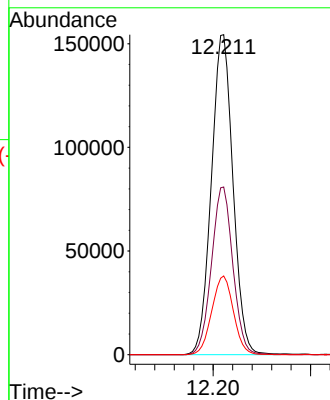
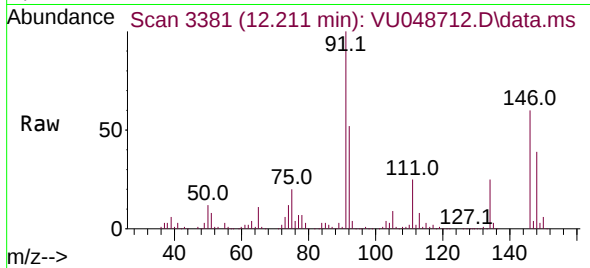




#89
n-Butylbenzene
Concen: 19.612 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

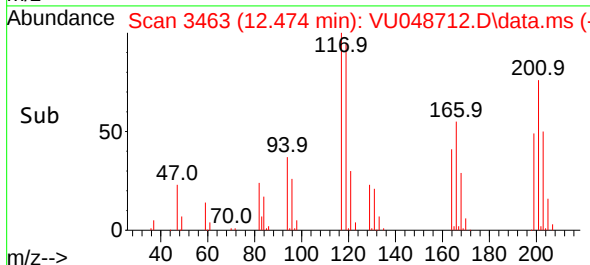
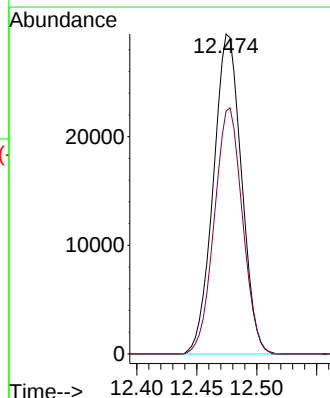
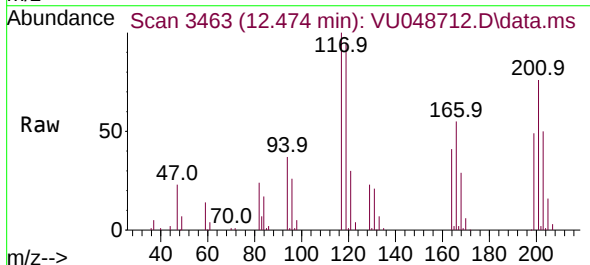
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

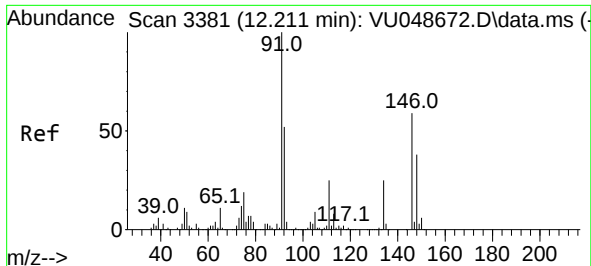
Tgt Ion: 91 Resp: 237564
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 18.050 ug/l
RT: 12.474 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 117 Resp: 47977
Ion Ratio Lower Upper
117 100
201 77.0 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 19.728 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

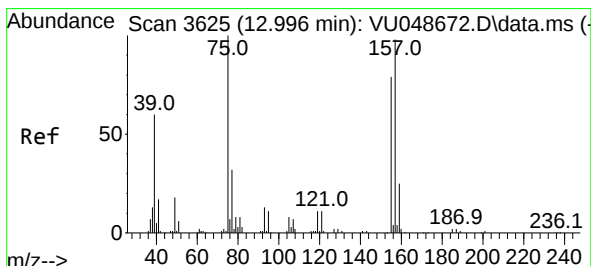
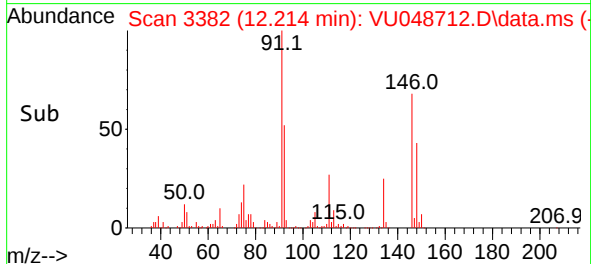
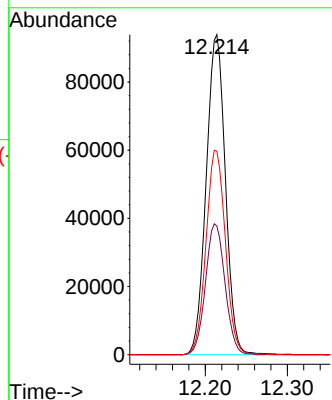
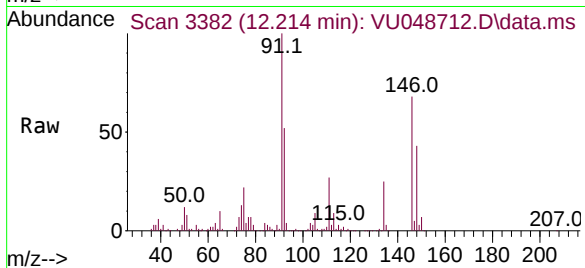
Tgt Ion:146 Resp: 152419

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.478 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

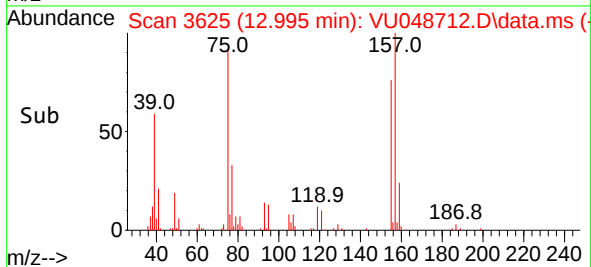
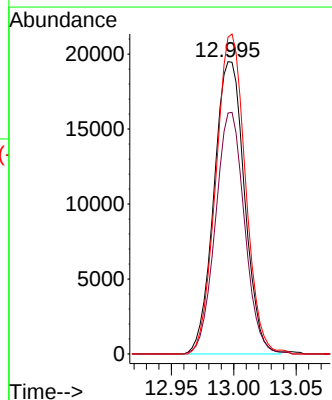
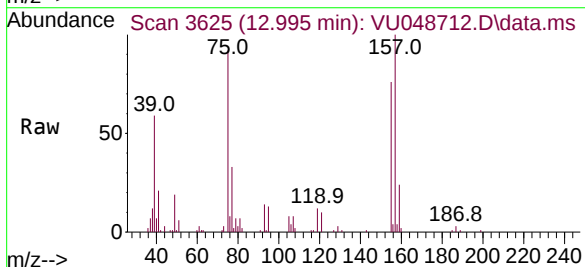
Tgt Ion: 75 Resp: 33241

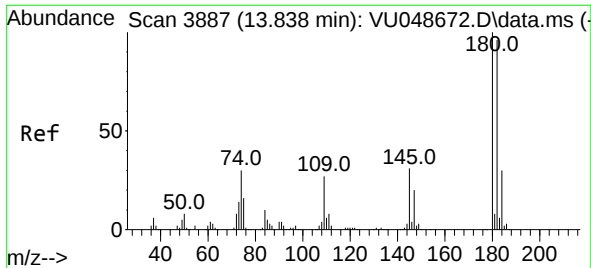
Ion Ratio Lower Upper

75 100

155 79.0 40.3 120.8

157 105.8 50.0 150.0

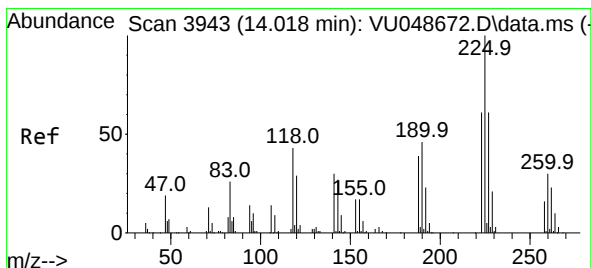
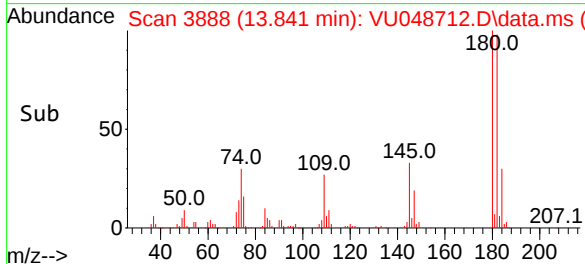
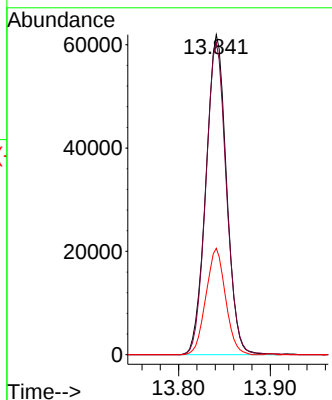
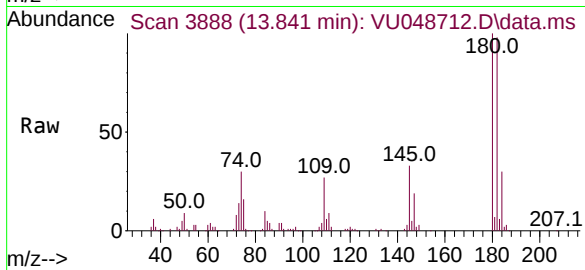




#93
1,2,4-Trichlorobenzene
Concen: 19.041 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

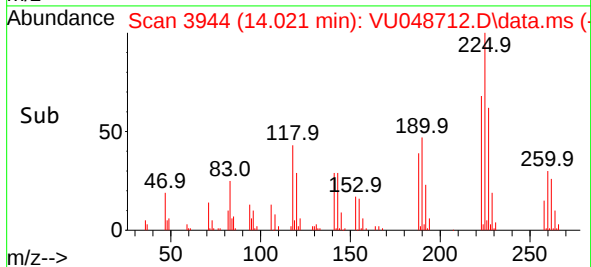
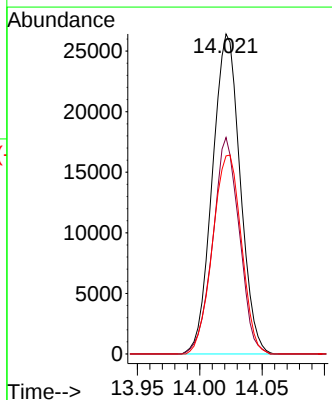
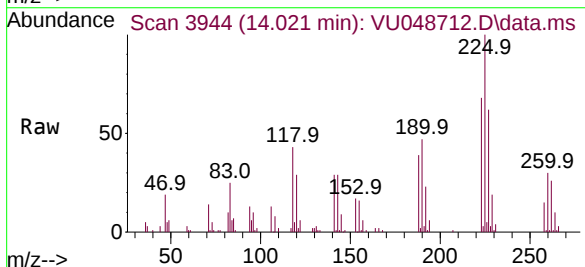
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

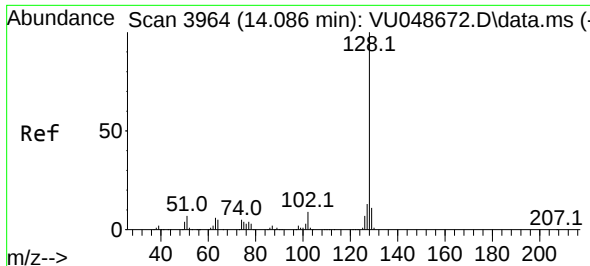
Tgt Ion:180 Resp: 96537
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.9
145 31.7 15.6 46.7



#94
Hexachlorobutadiene
Concen: 16.867 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:225 Resp: 40988
Ion Ratio Lower Upper
225 100
223 64.4 30.9 92.8
227 64.5 31.1 93.5

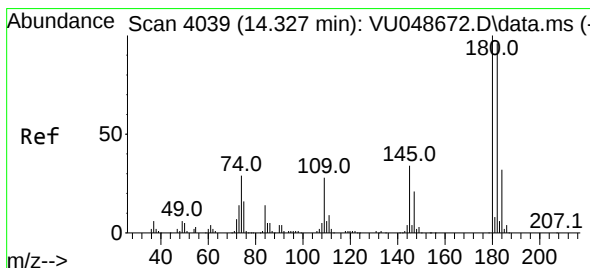
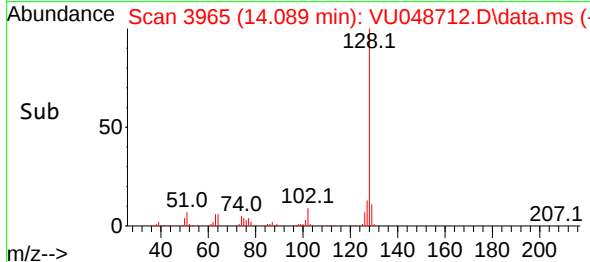
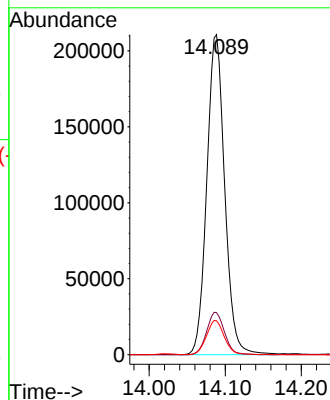
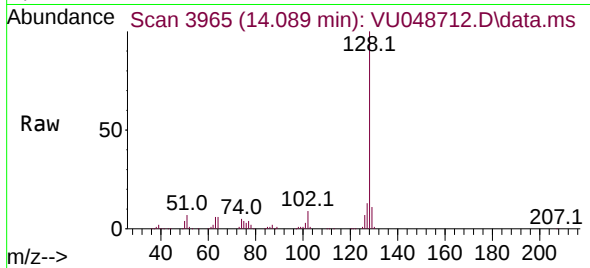




#95
Naphthalene
Concen: 20.999 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:128 Resp: 344460
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.621 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:180 Resp: 98529
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.2
145 33.0 16.6 49.8

