

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048759.D
 Acq On : 31 May 2022 23:50
 Operator : SY/MD
 Sample : VU0531WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

Quant Time: Jun 01 02:26:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	226490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	389414	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	357191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	197976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178392	52.446	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.900%	
35) Dibromofluoromethane	5.288	113	139999	50.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	7.899	98	496916	49.898	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	10.632	95	190949	50.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50458	19.461	ug/l	98
3) Chloromethane	1.523	50	63837	19.126	ug/l	96
4) Vinyl Chloride	1.600	62	65216	21.096	ug/l	99
5) Bromomethane	1.848	94	25567	11.462	ug/l	99
6) Chloroethane	1.928	64	38861	21.481	ug/l	100
7) Trichlorofluoromethane	2.134	101	89878	20.357	ug/l	100
8) Diethyl Ether	2.375	74	35817	21.983	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	49880	20.639	ug/l	97
10) Methyl Iodide	2.719	142	64752	19.958	ug/l	99
11) Tert butyl alcohol	3.176	59	94427	109.498	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	48190	20.905	ug/l	98
13) Acrolein	2.485	56	18137	60.241	ug/l	98
14) Allyl chloride	2.922	41	96872	21.697	ug/l	96
15) Acrylonitrile	3.311	53	226044	120.859	ug/l	97
16) Acetone	2.623	43	193344	111.536	ug/l	100
17) Carbon Disulfide	2.790	76	130260	19.357	ug/l	100
18) Methyl Acetate	2.948	43	112063	25.748	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	192561	22.015	ug/l	97
20) Methylene Chloride	3.044	84	65244	22.133	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	53902	20.442	ug/l	96
22) Diisopropyl ether	3.993	45	199918	24.274	ug/l	95
23) Vinyl Acetate	3.954	43	851314	119.304	ug/l	98
24) 1,1-Dichloroethane	3.867	63	114087	22.056	ug/l	100
25) 2-Butanone	4.700	43	307620	123.528	ug/l	98
26) 2,2-Dichloropropane	4.668	77	64351	13.867	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	64458	21.119	ug/l	96
28) Bromochloromethane	4.973	49	47822	23.571	ug/l	95
29) Tetrahydrofuran	5.051	42	199094	126.924	ug/l	98
30) Chloroform	5.089	83	116524	22.514	ug/l	99
31) Cyclohexane	5.388	56	93676	21.853	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	96196	20.487	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76561	18.882	ug/l	99
37) Ethyl Acetate	4.803	43	111423	21.737	ug/l	99
38) Carbon Tetrachloride	5.523	117	85504	18.381	ug/l	98
39) Methylcyclohexane	6.764	83	81106	19.077	ug/l	96
40) Benzene	5.774	78	235794	19.698	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	57940	22.368	ug/l	99
42) 1,2-Dichloroethane	5.796	62	93376	19.927	ug/l	99
43) Isopropyl Acetate	5.912	43	159923	21.496	ug/l	99
44) Trichloroethene	6.542	130	59872	19.414	ug/l	100
45) 1,2-Dichloropropane	6.790	63	67170	22.289	ug/l	98
46) Dibromomethane	6.919	93	47554	21.121	ug/l	97
47) Bromodichloromethane	7.108	83	91256	20.042	ug/l	100
48) Methyl methacrylate	6.960	41	76019	22.761	ug/l	98
49) 1,4-Dioxane	6.964	88	33694	451.295	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	574578	118.941	ug/l	99
52) Toluene	7.970	92	147673	20.624	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	95942	19.534	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	100822	19.809	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	65770	20.813	ug/l	96
56) Ethyl methacrylate	8.333	69	99690	21.534	ug/l	99
57) 1,3-Dichloropropane	8.578	76	110938	20.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	94945	103.838	ug/l	99
59) 2-Hexanone	8.684	43	451494	113.843	ug/l	99
60) Dibromochloromethane	8.809	129	72058	20.342	ug/l	99
61) 1,2-Dibromoethane	8.925	107	70415	20.233	ug/l	100
64) Tetrachloroethene	8.552	164	49097	19.110	ug/l	96
65) Chlorobenzene	9.449	112	158095	20.927	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	60990	21.269	ug/l	98
67) Ethyl Benzene	9.571	91	276356	21.689	ug/l	99
68) m/p-Xylenes	9.693	106	216425	43.429	ug/l	100
69) o-Xylene	10.102	106	104033	21.249	ug/l	99
70) Styrene	10.115	104	177491	22.040	ug/l	99
71) Bromoform	10.291	173	57395	21.648	ug/l #	99
73) Isopropylbenzene	10.484	105	273161	21.372	ug/l	100
74) N-amyl acetate	10.320	43	133186	22.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	117229	22.476	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	130905	20.508	ug/l	100
77) Bromobenzene	10.783	156	73379	21.377	ug/l	98
78) n-propylbenzene	10.906	91	330150	21.678	ug/l	99
79) 2-Chlorotoluene	10.986	91	204402	21.582	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	239561	21.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	30969	17.616	ug/l	94
82) 4-Chlorotoluene	11.095	91	237735	21.755	ug/l	98
83) tert-Butylbenzene	11.420	119	232586	21.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	241068	20.834	ug/l	99
85) sec-Butylbenzene	11.645	105	289624	21.702	ug/l	99
86) p-Isopropyltoluene	11.793	119	245975	21.462	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	138433	20.570	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	140422	20.196	ug/l	99
89) n-Butylbenzene	12.208	91	212129	19.869	ug/l	99
90) Hexachloroethane	12.475	117	43592	18.637	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	140134	20.612	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	30807	20.514	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	88905	19.928	ug/l	98
94) Hexachlorobutadiene	14.021	225	36689	17.157	ug/l	99
95) Naphthalene	14.089	128	301499	20.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	92420	20.915	ug/l	98

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QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

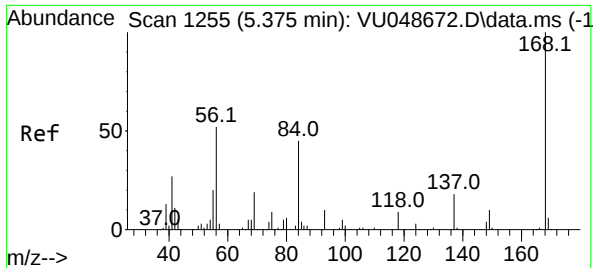
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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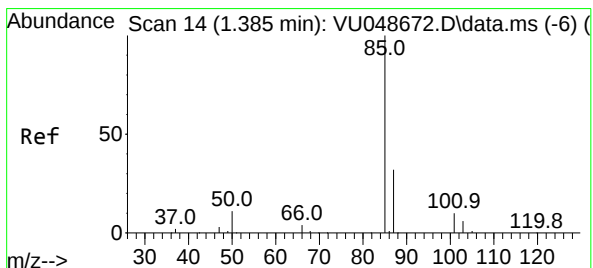
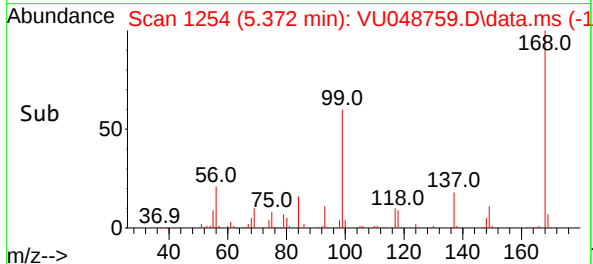
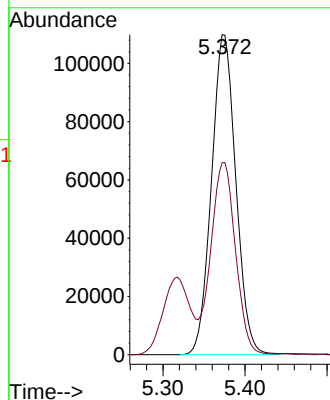
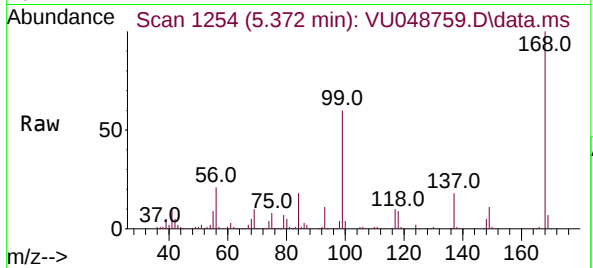




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048759.D
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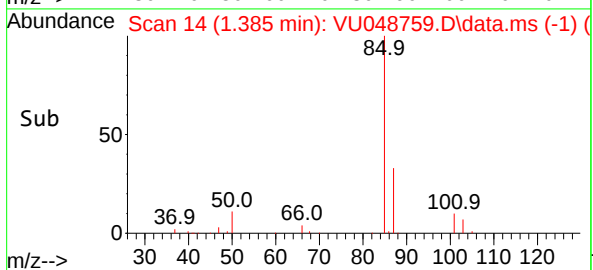
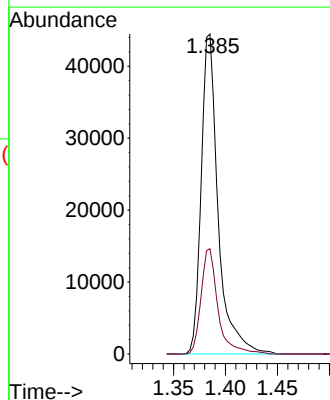
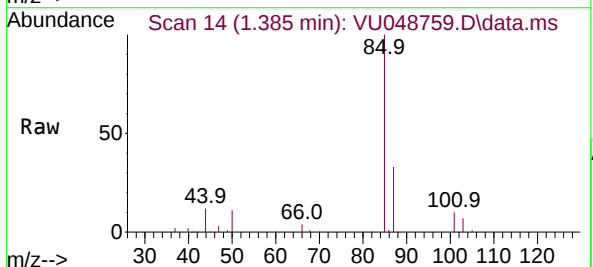
Instrument :
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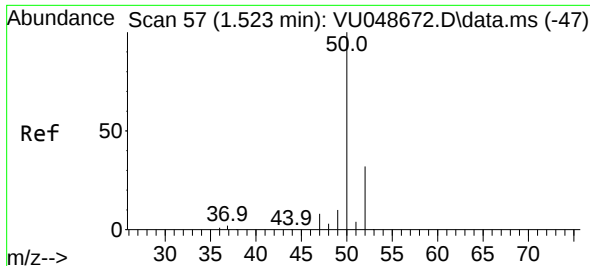
Tgt Ion:168 Resp: 226490
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 19.461 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 85 Resp: 50458
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

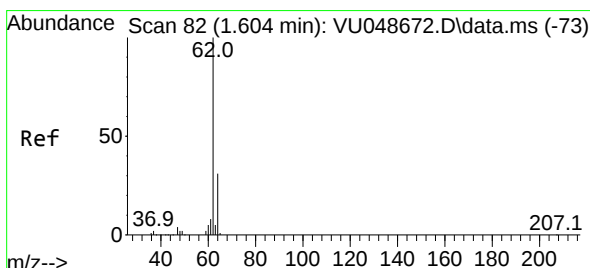
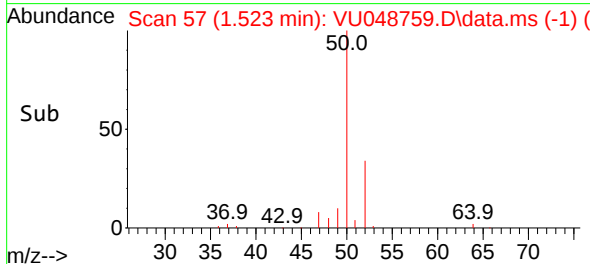
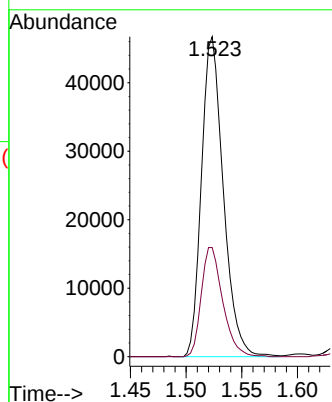
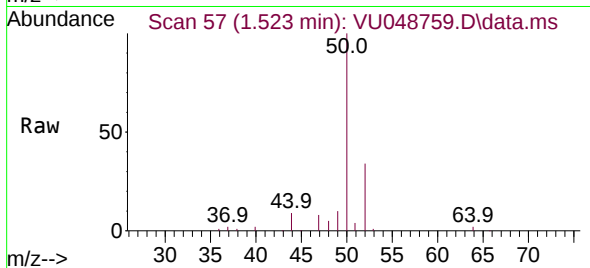




#3
Chloromethane
Concen: 19.126 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048759.D
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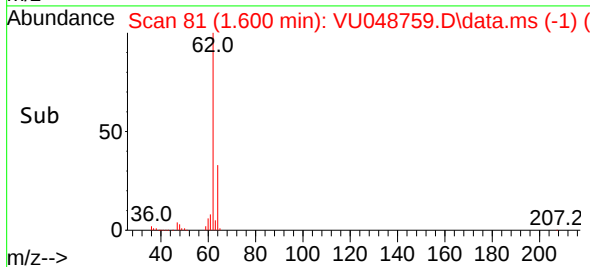
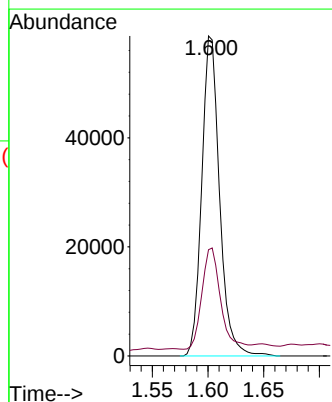
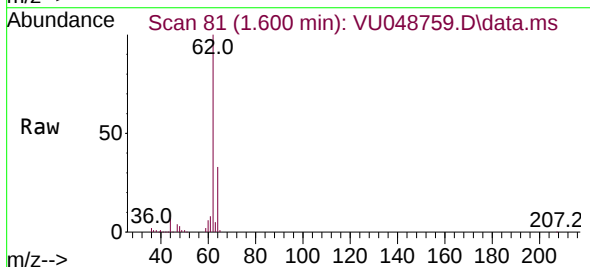
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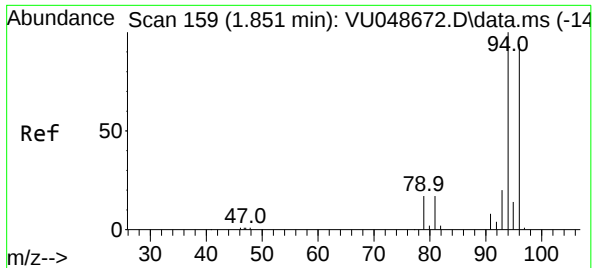
Tgt Ion: 50 Resp: 63837
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5



#4
Vinyl Chloride
Concen: 21.096 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 62 Resp: 65216
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8

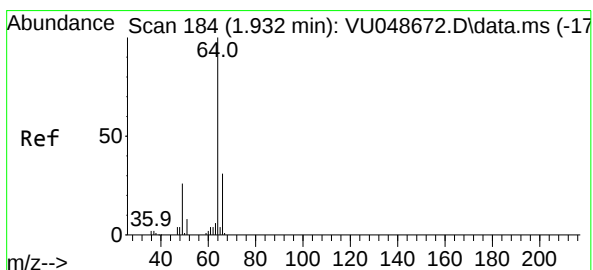
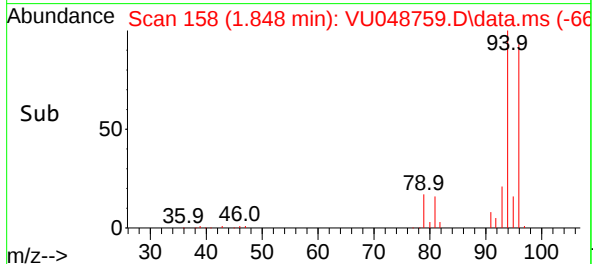
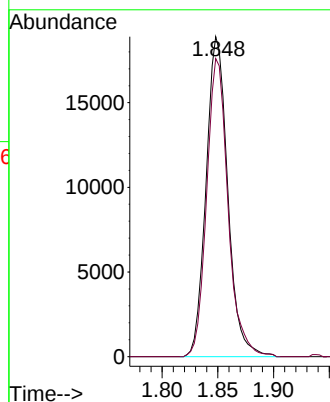
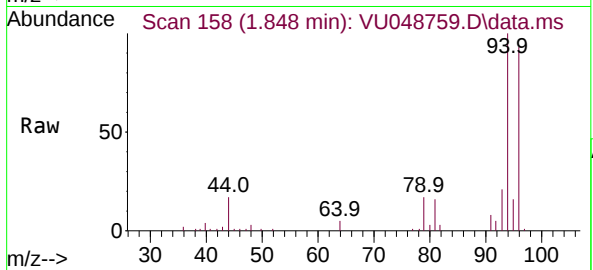




#5
Bromomethane
Concen: 11.462 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

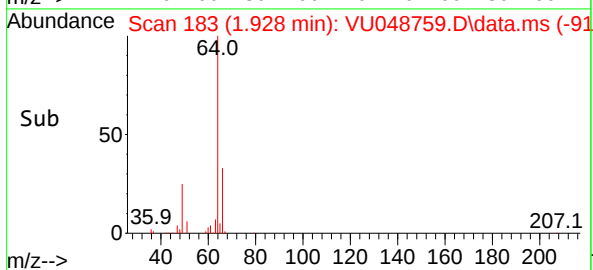
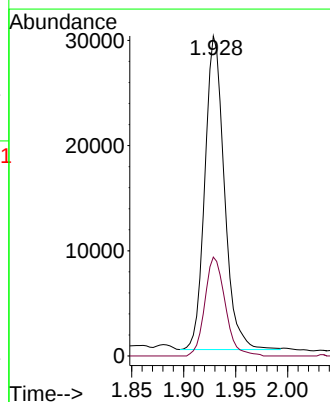
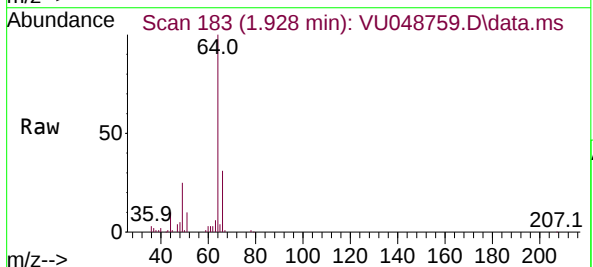
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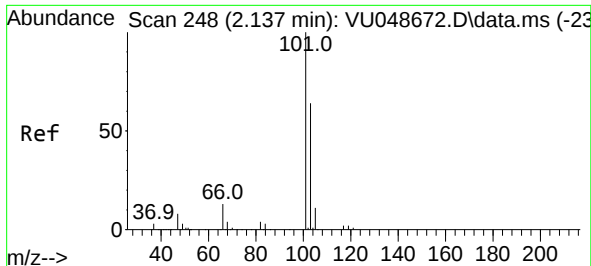
Tgt Ion: 94 Resp: 25567
Ion Ratio Lower Upper
94 100
96 93.1 75.1 112.7



#6
Chloroethane
Concen: 21.481 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 64 Resp: 38861
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8

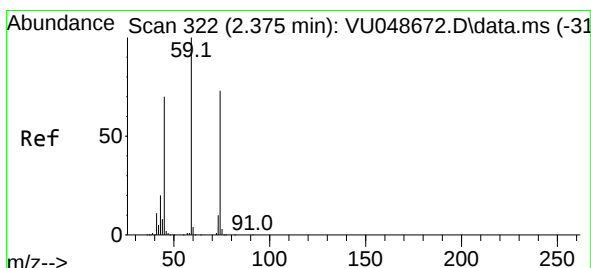
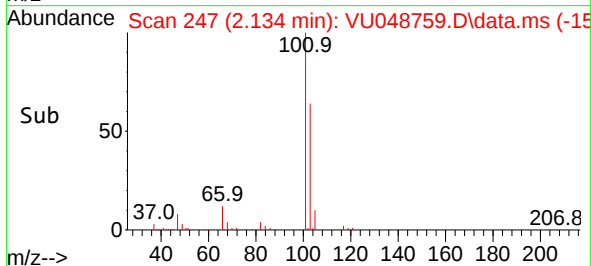
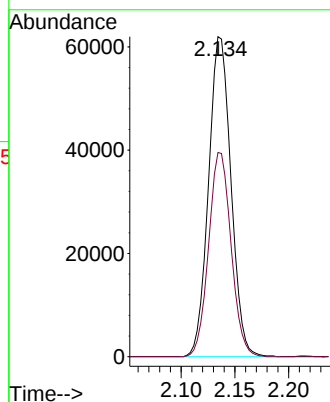
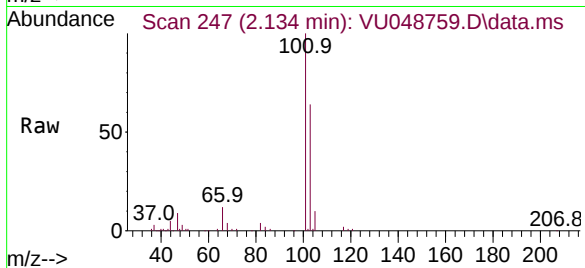




#7
 Trichlorofluoromethane
 Concen: 20.357 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

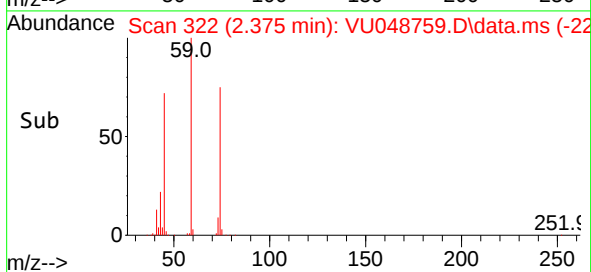
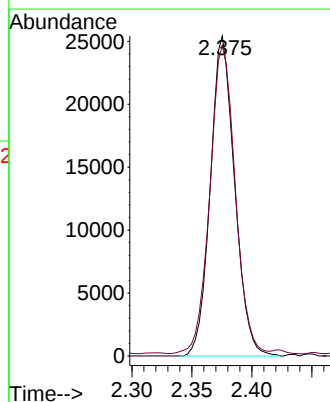
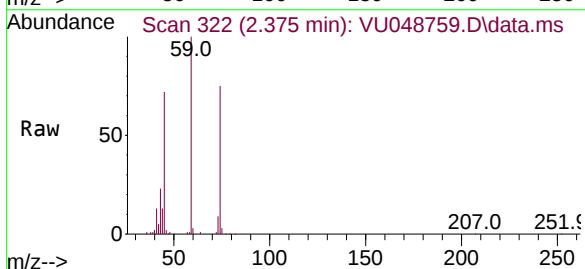
Instrument :
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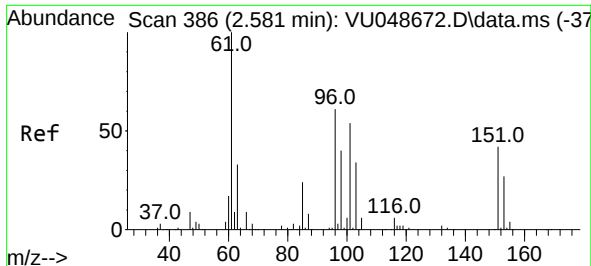
Tgt Ion:101 Resp: 89878
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.4



#8
 Diethyl Ether
 Concen: 21.983 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 35817
 Ion Ratio Lower Upper
 74 100
 45 99.9 47.7 143.1

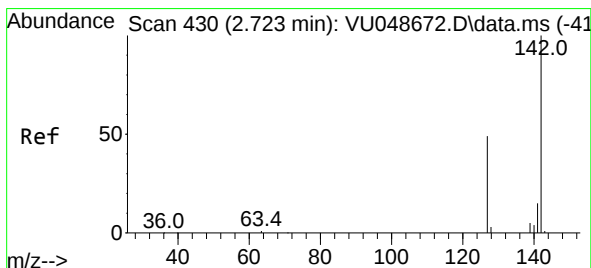
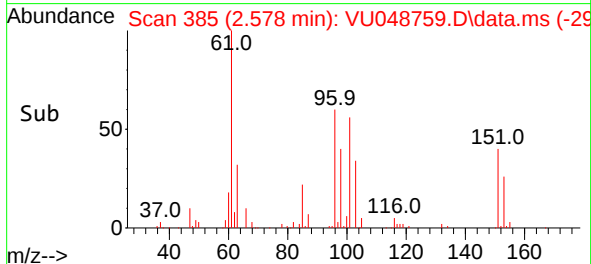
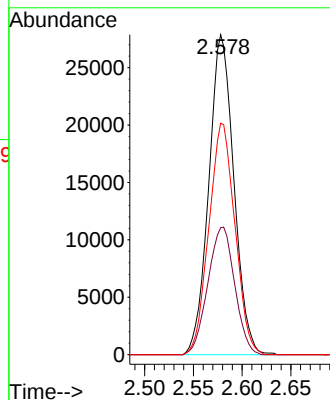
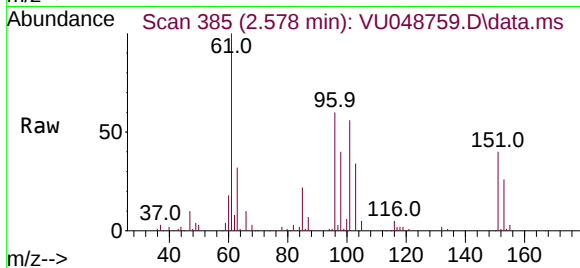




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.639 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048759.D
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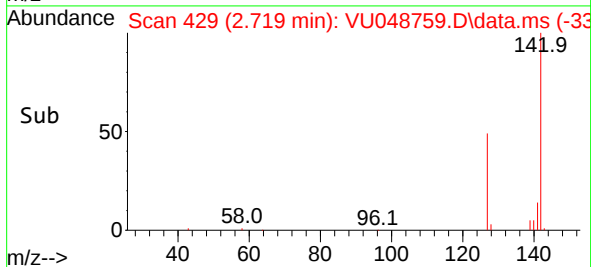
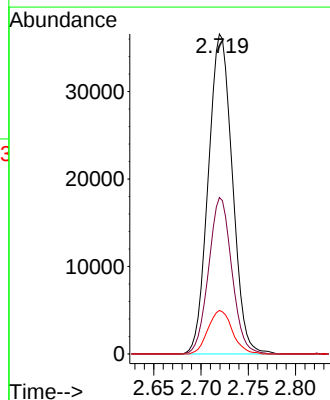
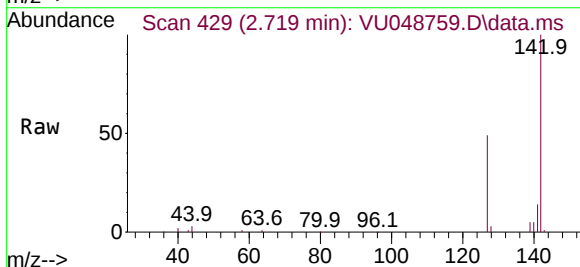
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion:101 Resp: 49880
Ion Ratio Lower Upper
101 100
85 42.6 35.4 53.2
151 75.1 62.5 93.7



#10
Methyl Iodide
Concen: 19.958 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:142 Resp: 64752
Ion Ratio Lower Upper
142 100
127 47.2 38.4 57.6
141 13.7 11.5 17.3

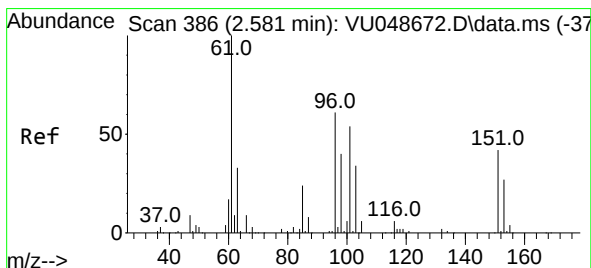
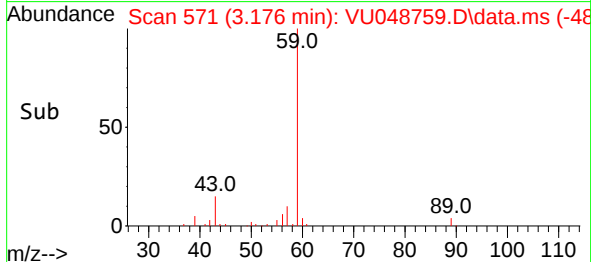
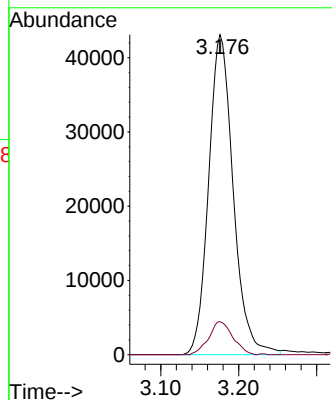
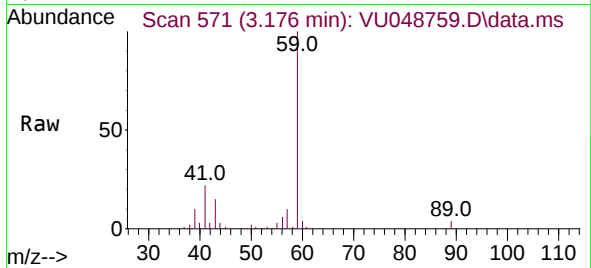




#11
Tert butyl alcohol
Concen: 109.498 ug/l
RT: 3.176 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

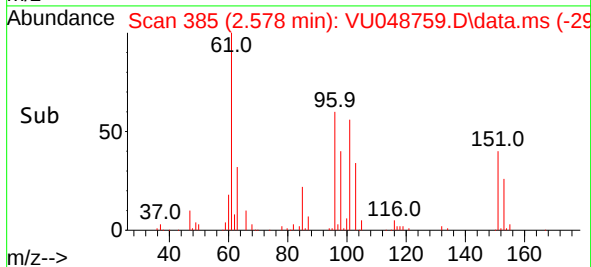
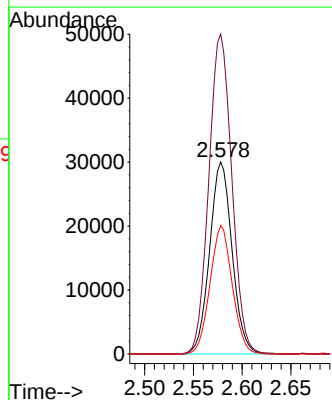
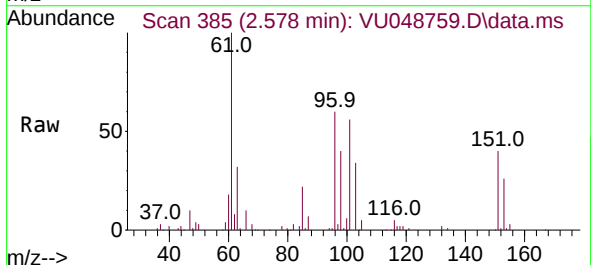
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

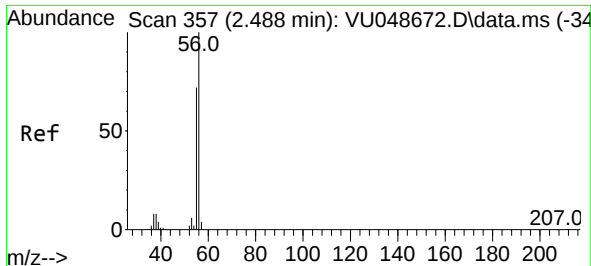
Tgt Ion: 59 Resp: 94427
Ion Ratio Lower Upper
59 100
57 10.1 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 20.905 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 96 Resp: 48190
Ion Ratio Lower Upper
96 100
61 166.7 131.1 196.7
98 66.9 51.8 77.8

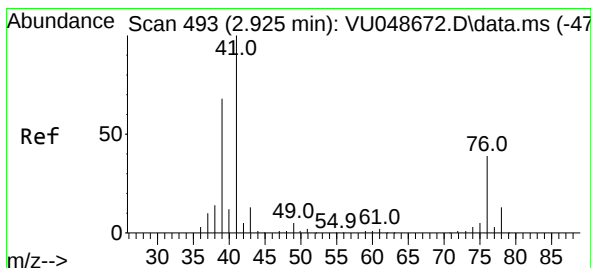
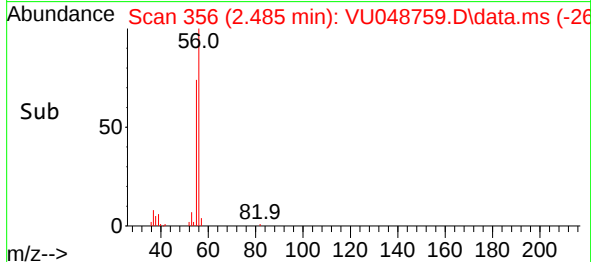
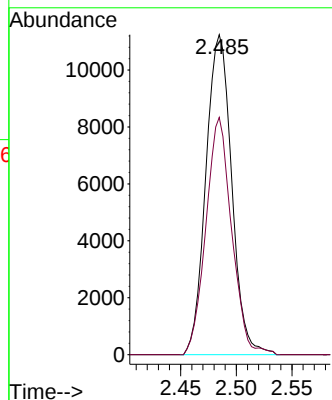
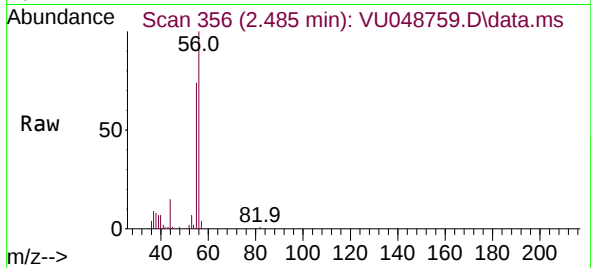




#13
Acrolein
Concen: 60.241 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

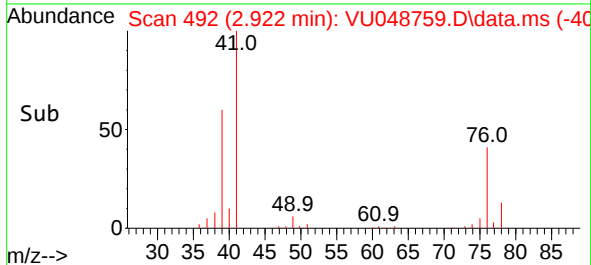
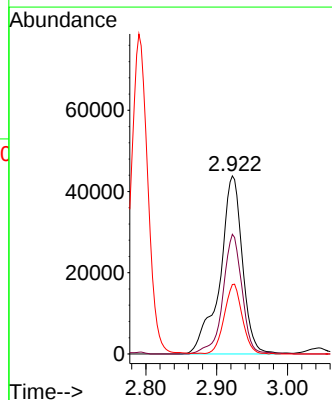
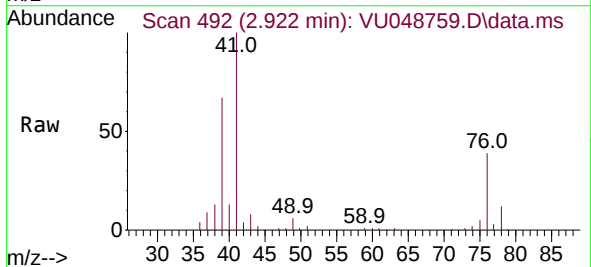
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

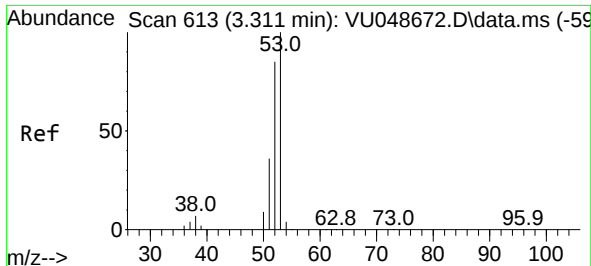
Tgt Ion: 56 Resp: 18137
Ion Ratio Lower Upper
56 100
55 74.0 57.7 86.5



#14
Allyl chloride
Concen: 21.697 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 41 Resp: 96872
Ion Ratio Lower Upper
41 100
39 57.2 48.6 72.8
76 31.4 27.0 40.4

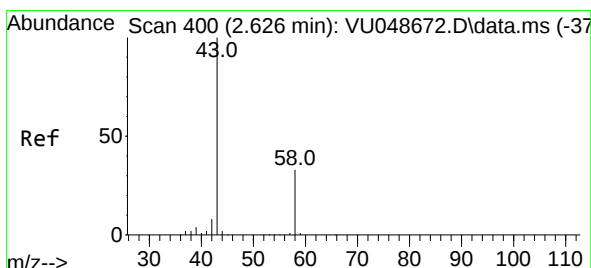
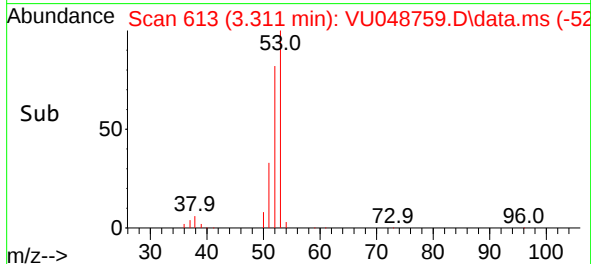
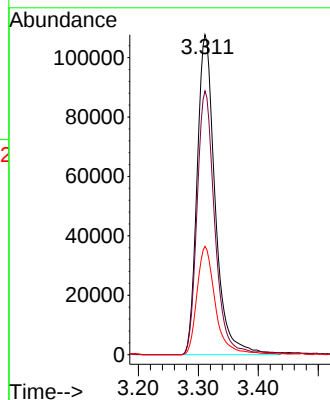
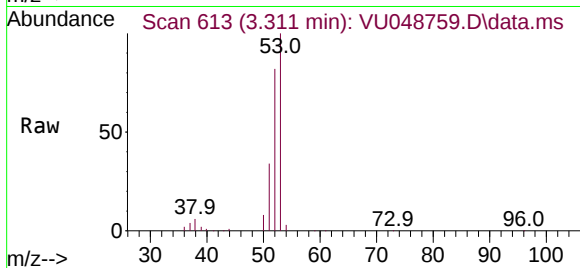




#15
Acrylonitrile
Concen: 120.859 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

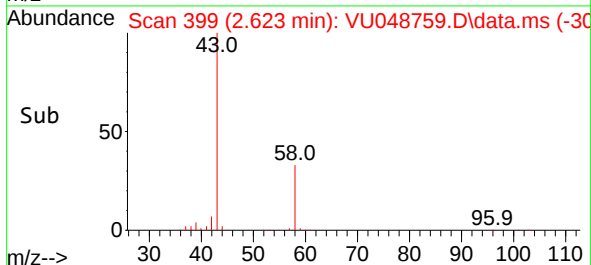
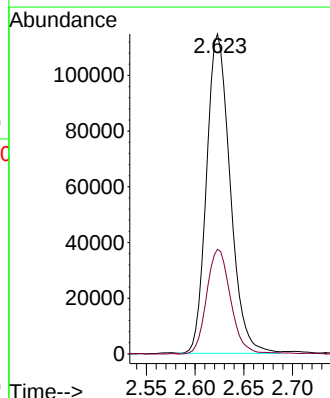
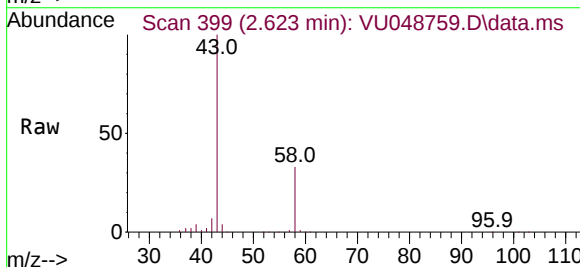
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

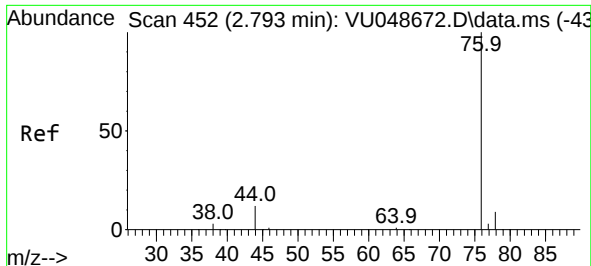
Tgt Ion:	53	Resp:	226044
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.3	99.5
51	34.4	28.6	42.8



#16
Acetone
Concen: 111.536 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:	43	Resp:	193344
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.3	39.5

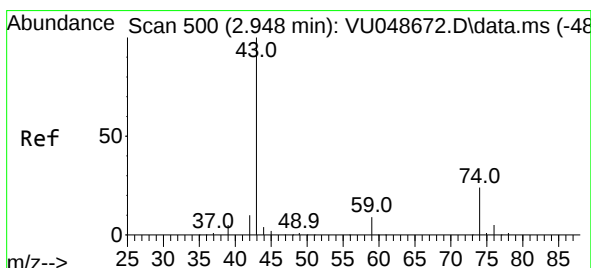
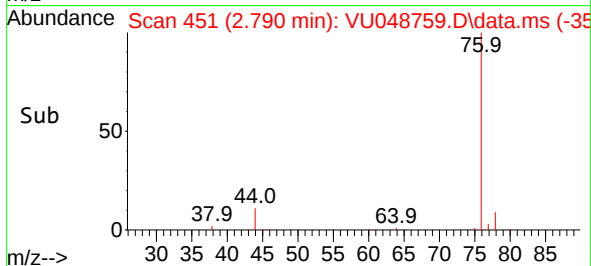
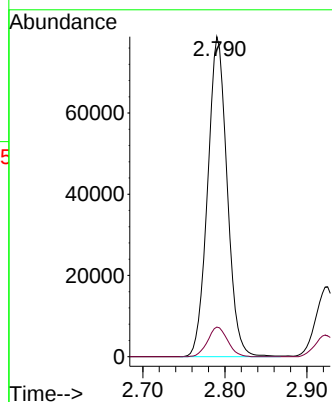
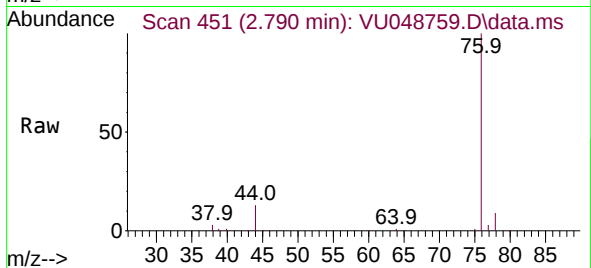




#17
Carbon Disulfide
Concen: 19.357 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

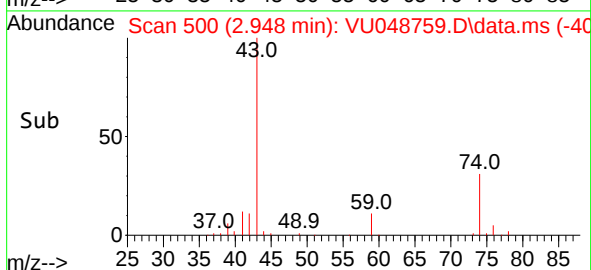
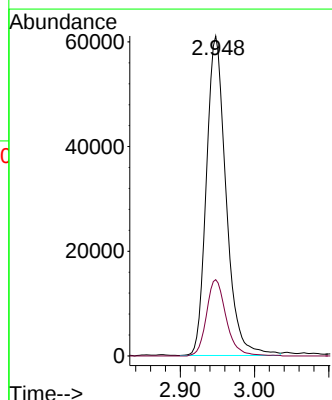
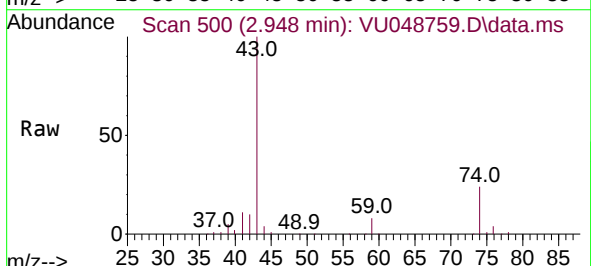
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion: 76 Resp: 130260
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 25.748 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 43 Resp: 112063
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.015 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

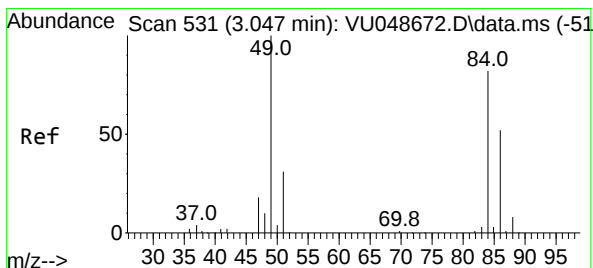
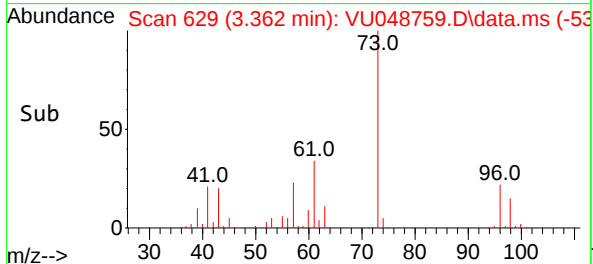
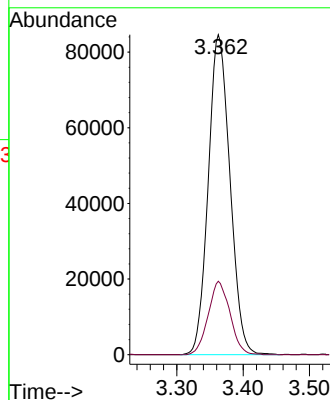
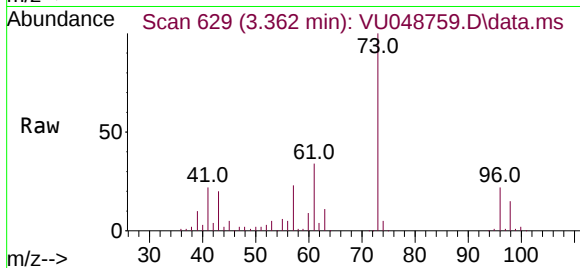
VU0531WBSD02

Tgt Ion: 73 Resp: 192561

Ion Ratio Lower Upper

73 100

57 23.0 17.1 25.7



#20

Methylene Chloride

Concen: 22.133 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Tgt Ion: 84 Resp: 65244

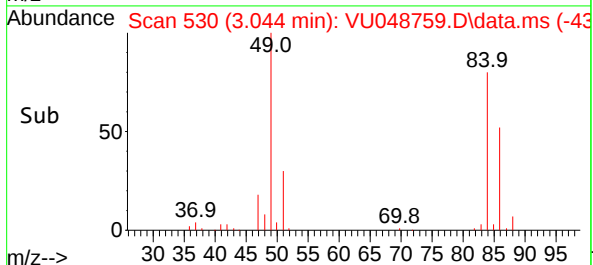
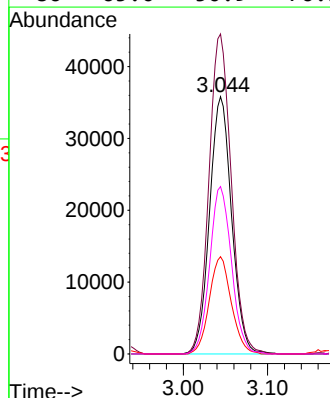
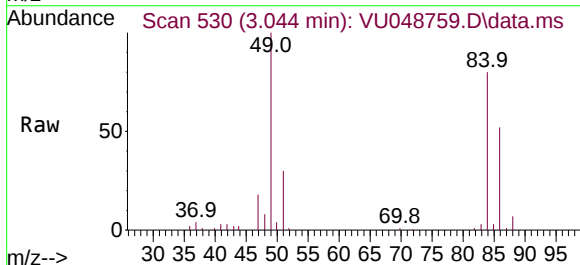
Ion Ratio Lower Upper

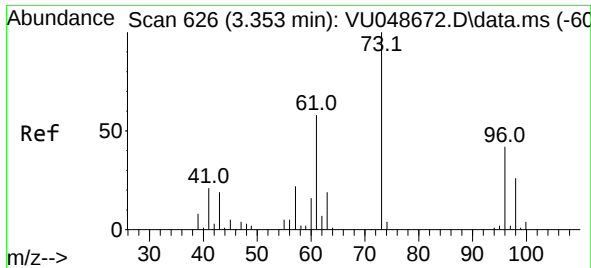
84 100

49 124.3 97.0 145.4

51 37.8 29.8 44.8

86 65.0 50.9 76.3

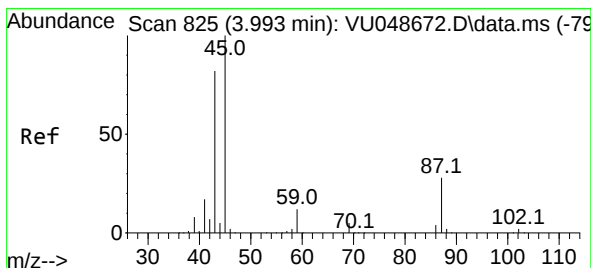
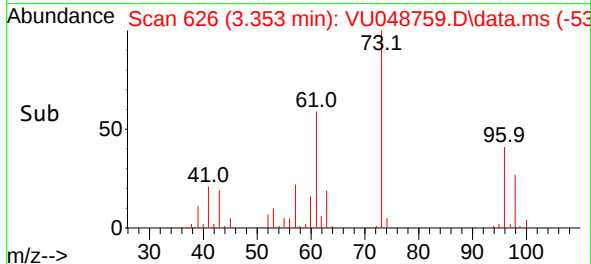
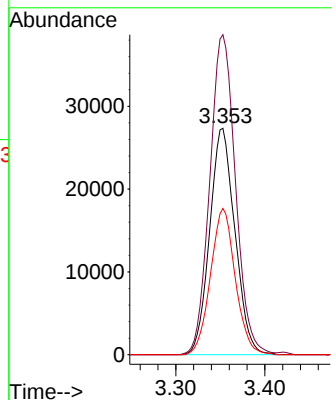
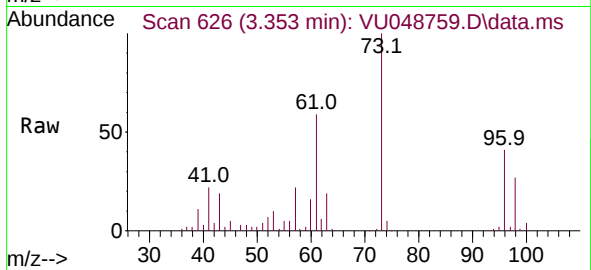




#21
trans-1,2-Dichloroethene
Concen: 20.442 ug/l
RT: 3.353 min Scan# 612
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

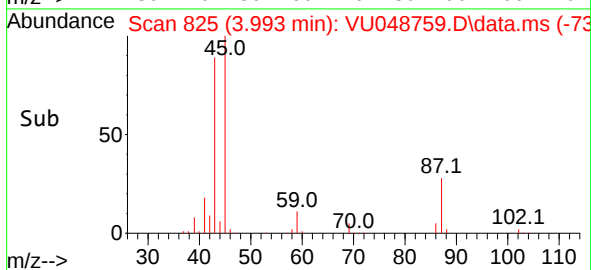
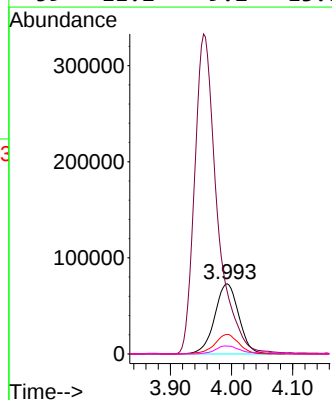
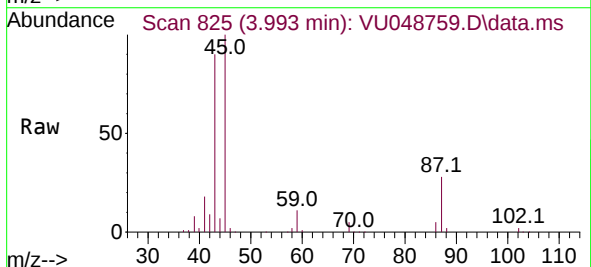
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

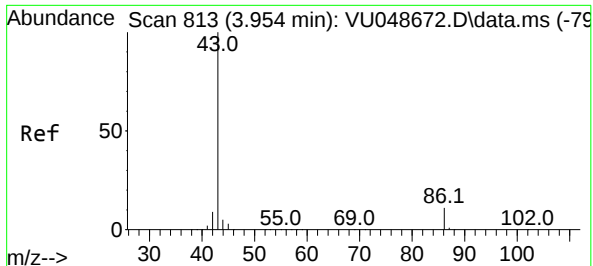
Tgt Ion: 96 Resp: 53902
Ion Ratio Lower Upper
96 100
61 141.3 109.4 164.2
98 64.6 48.9 73.3



#22
Diisopropyl ether
Concen: 24.274 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 45 Resp: 199918
Ion Ratio Lower Upper
45 100
43 87.5 65.2 97.8
87 27.9 22.7 34.1
59 11.2 9.2 13.8

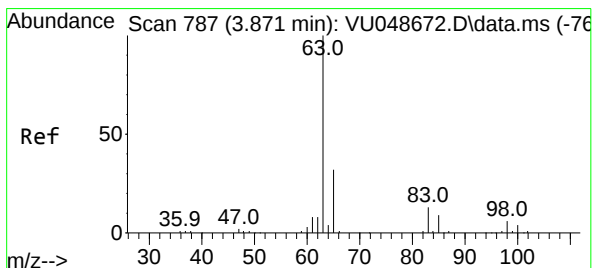
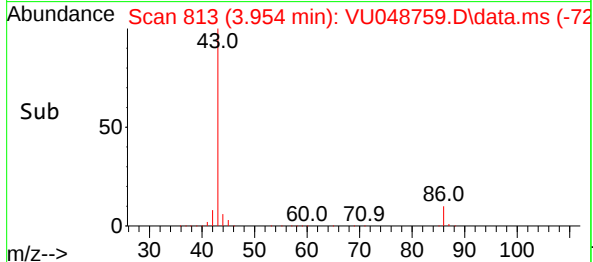
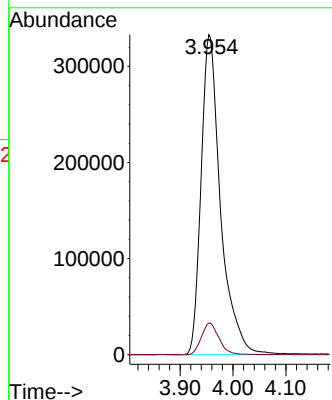
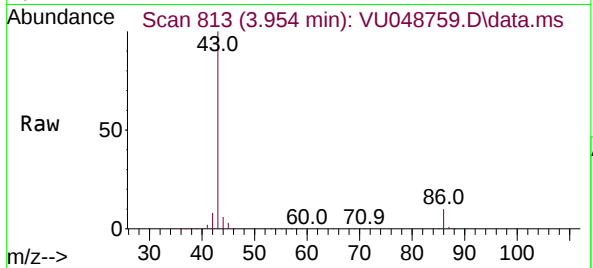




#23
 Vinyl Acetate
 Concen: 119.304 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

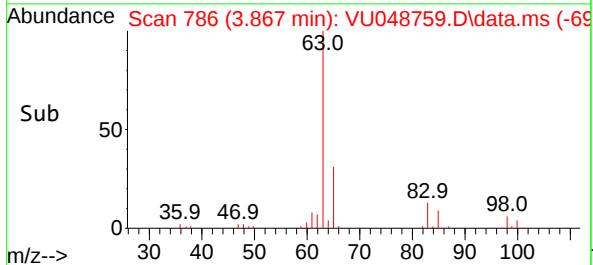
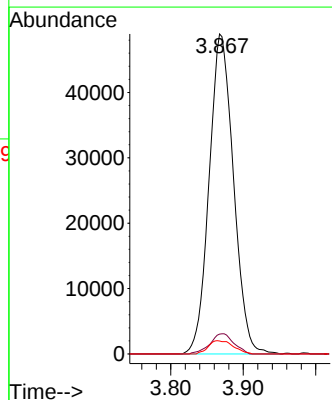
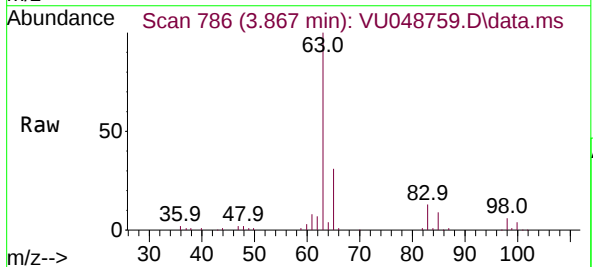
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

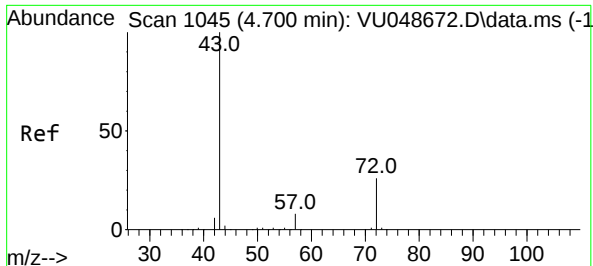
Tgt Ion: 43 Resp: 851314
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 22.056 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

Tgt Ion: 63 Resp: 114087
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 123.528 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

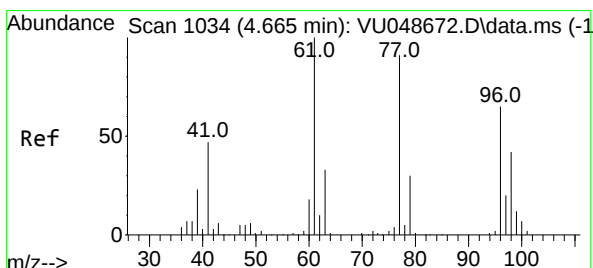
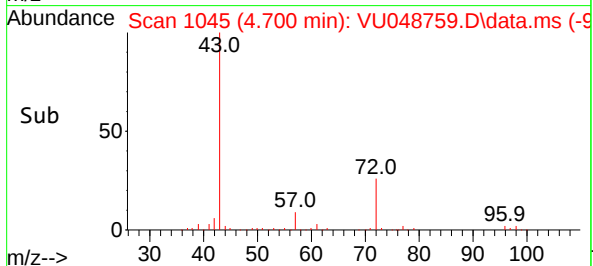
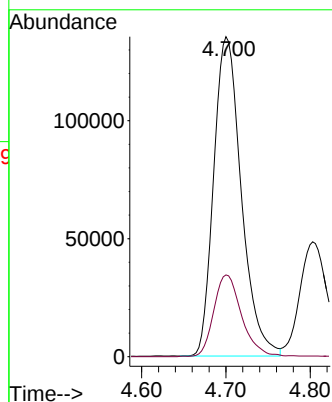
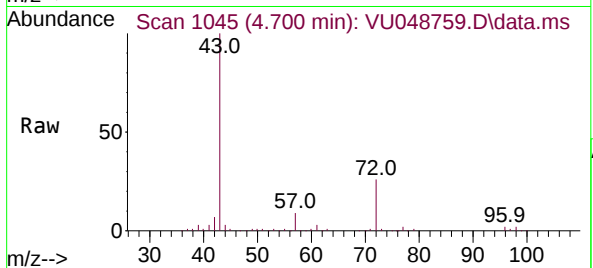
VU0531WBSD02

Tgt Ion: 43 Resp: 307620

Ion Ratio Lower Upper

43 100

72 25.5 21.1 31.7



#26

2,2-Dichloropropane

Concen: 13.867 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048759.D

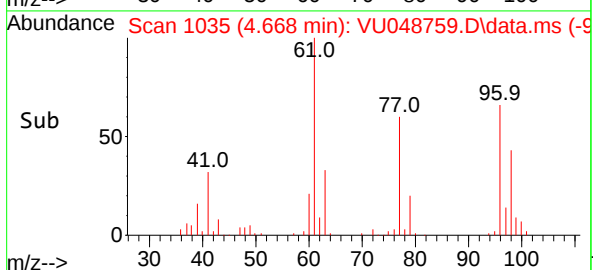
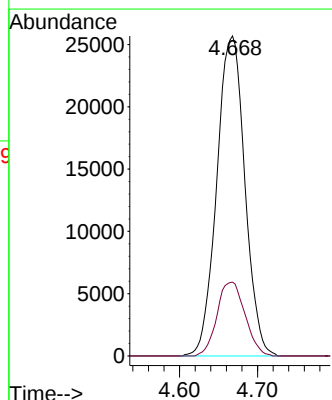
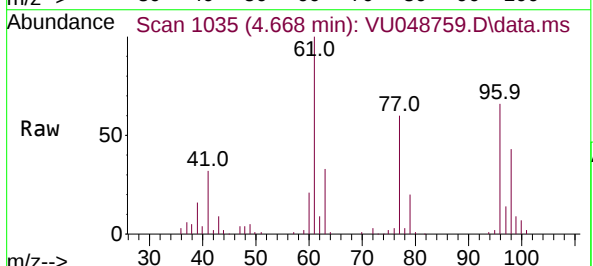
Acq: 31 May 2022 23:50

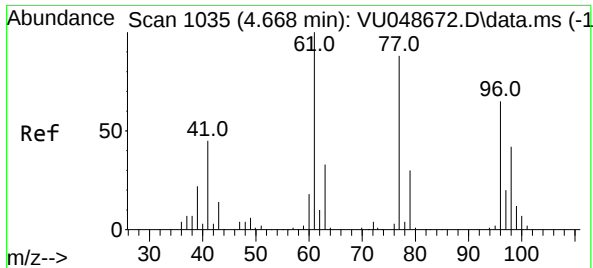
Tgt Ion: 77 Resp: 64351

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1

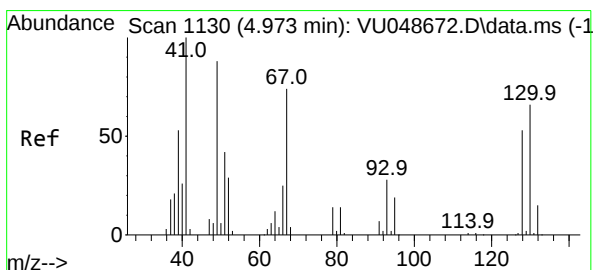
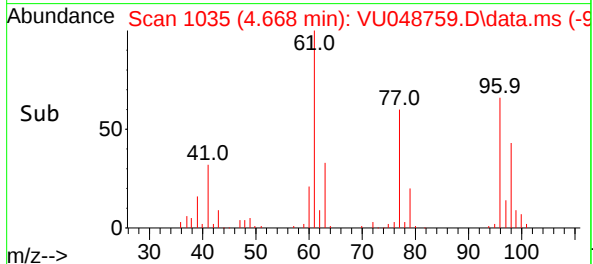
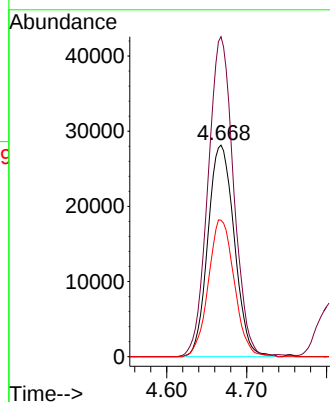
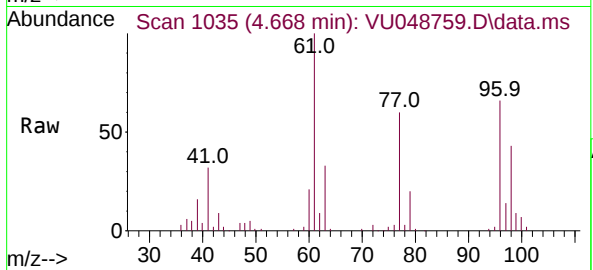




#27
 cis-1,2-Dichloroethene
 Concen: 21.119 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

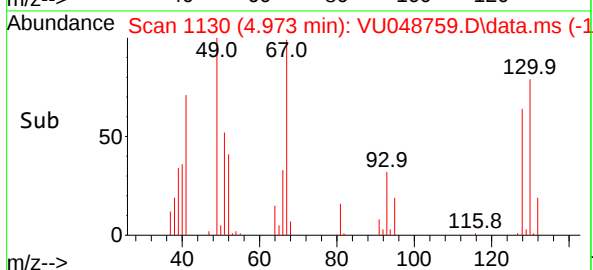
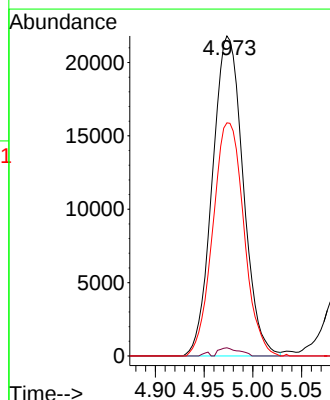
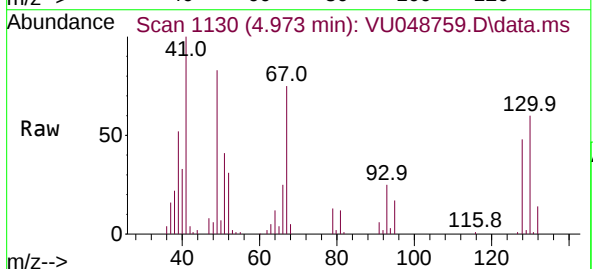
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

Tgt Ion:	96	Resp:	64458
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	306.2
98	63.6	0.0	130.4



#28
 Bromochloromethane
 Concen: 23.571 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

Tgt Ion:	49	Resp:	47822
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	73.6	62.1	93.1





#29

Tetrahydrofuran

Concen: 126.924 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

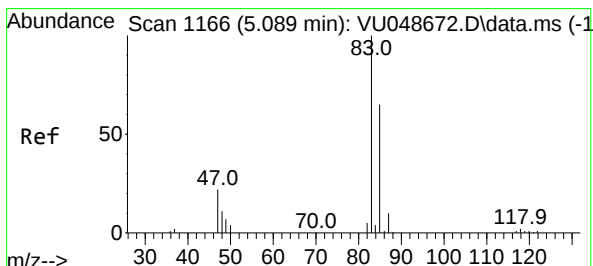
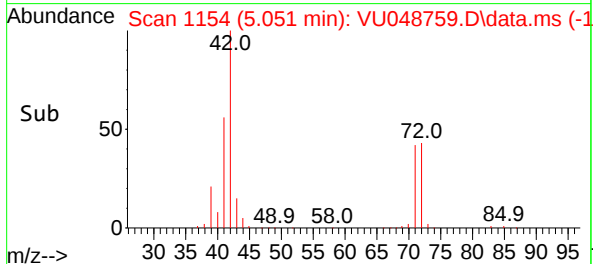
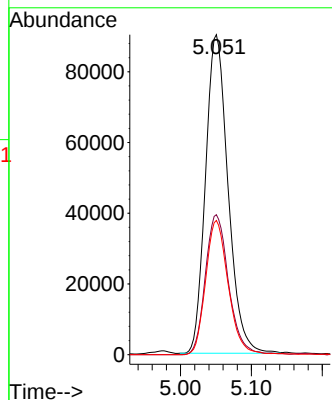
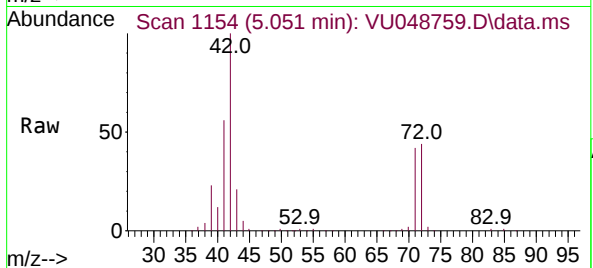
Tgt Ion: 42 Resp: 199094

Ion Ratio Lower Upper

42 100

72 45.2 37.6 56.4

71 42.2 35.0 52.4



#30

Chloroform

Concen: 22.514 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048759.D

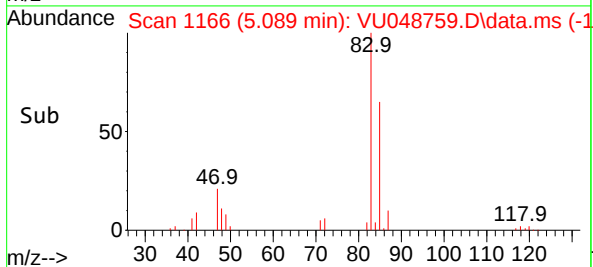
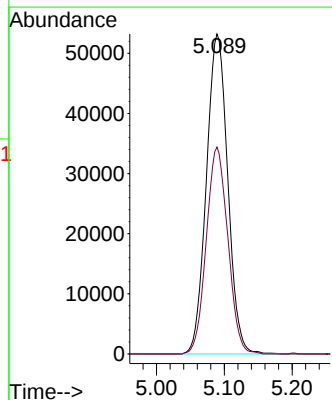
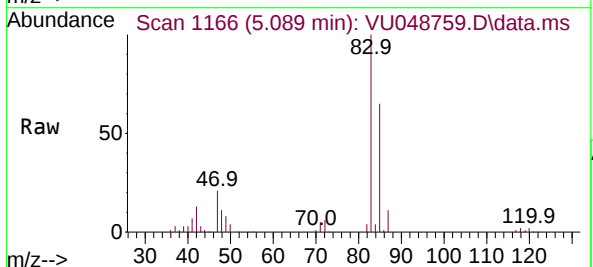
Acq: 31 May 2022 23:50

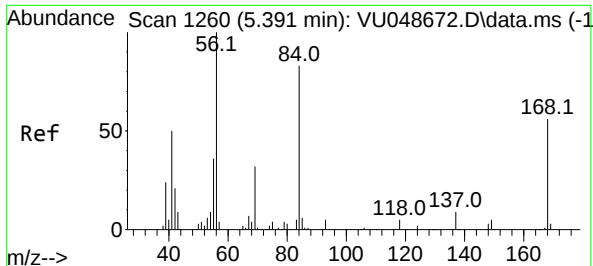
Tgt Ion: 83 Resp: 116524

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2





#31

Cyclohexane

Concen: 21.853 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

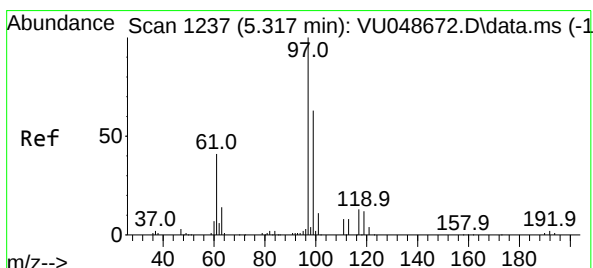
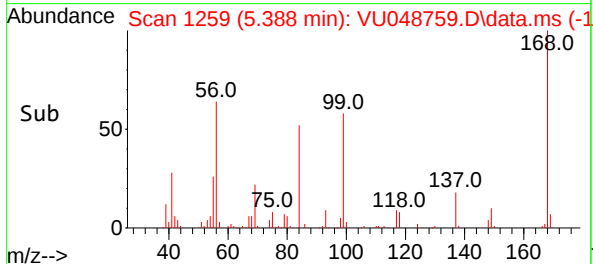
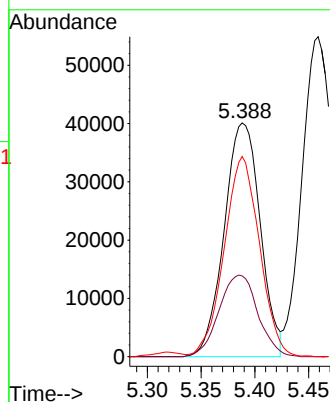
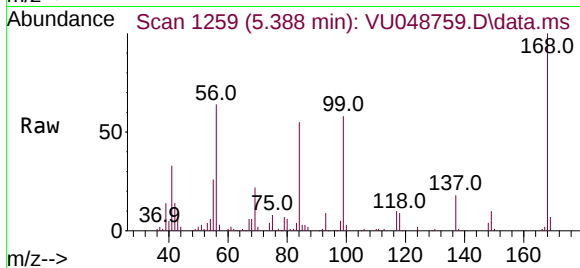
Tgt Ion: 56 Resp: 93676

Ion Ratio Lower Upper

56 100

69 34.2 25.6 38.4

84 84.3 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 20.487 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

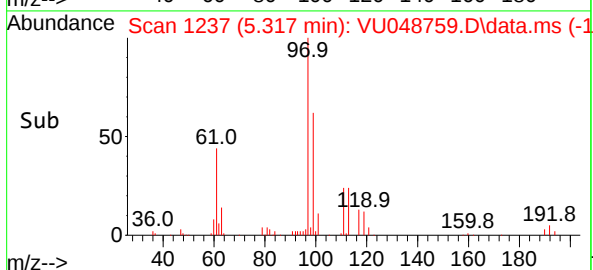
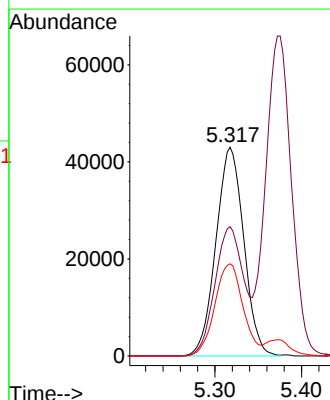
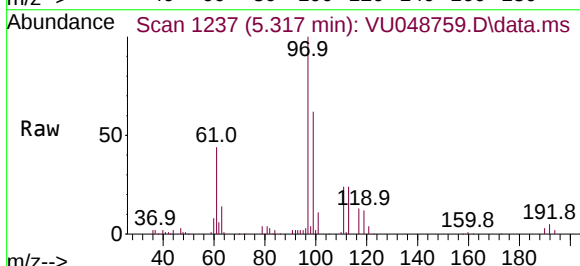
Tgt Ion: 97 Resp: 96196

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

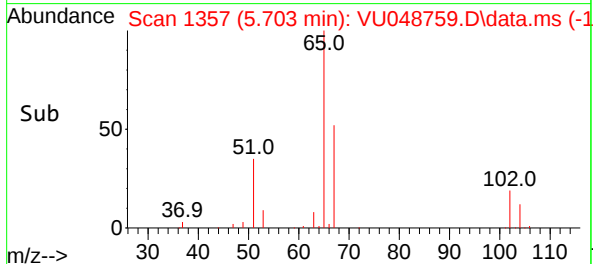
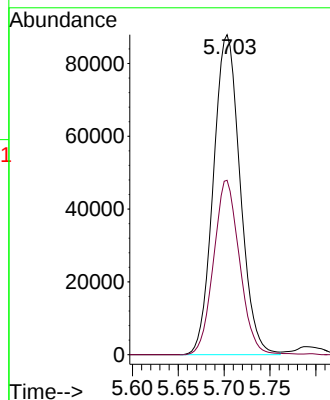
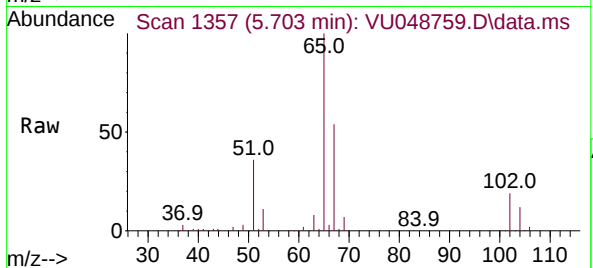
VU0531WBSD02

Tgt Ion: 65 Resp: 178392

Ion Ratio Lower Upper

65 100

67 52.9 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: VU048759.D

Acq: 31 May 2022 23:50

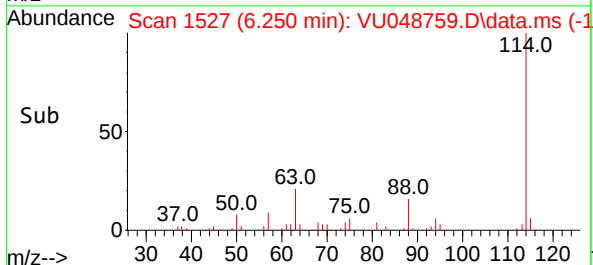
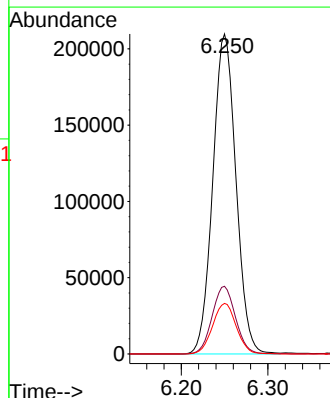
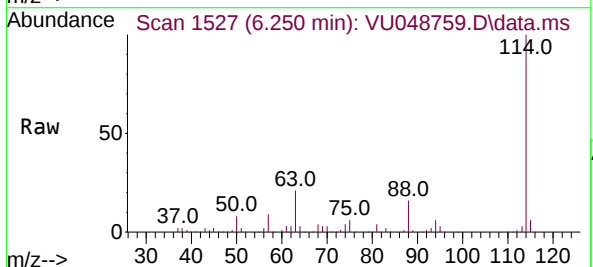
Tgt Ion: 114 Resp: 389414

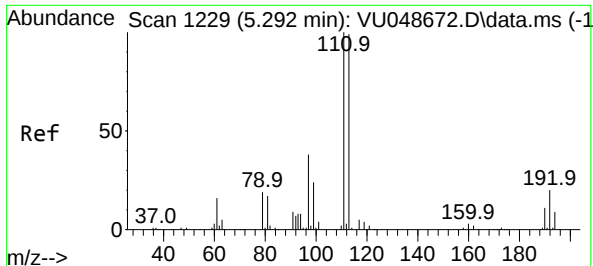
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.393 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

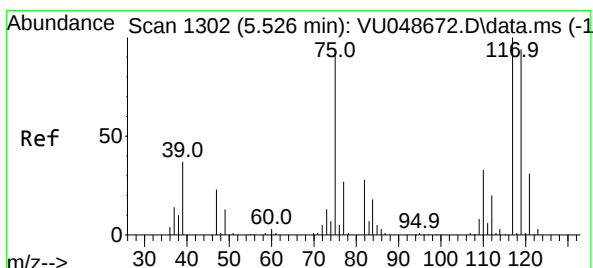
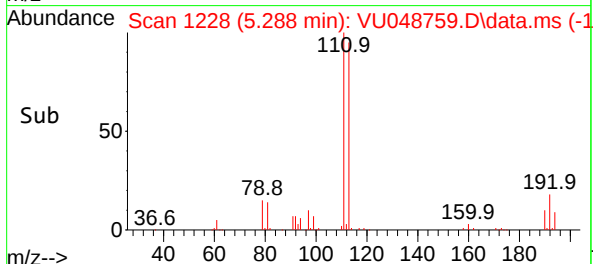
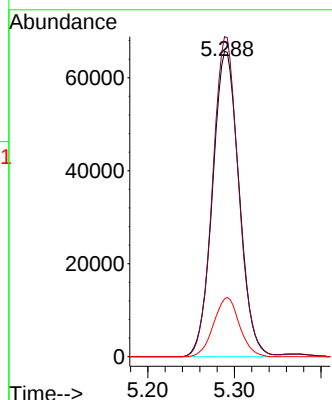
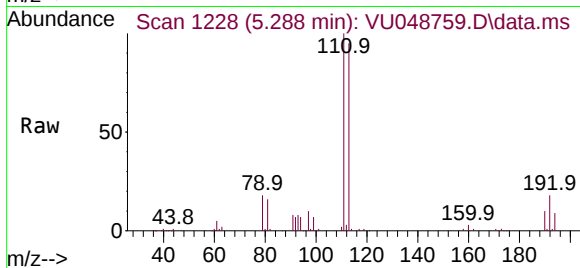
Tgt Ion:113 Resp: 139999

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

192 18.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.882 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

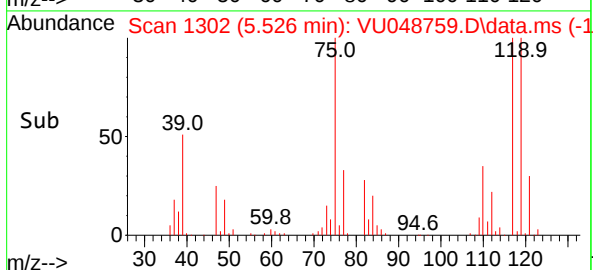
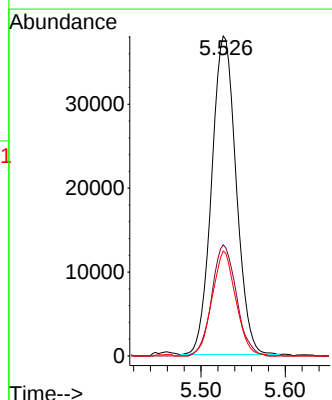
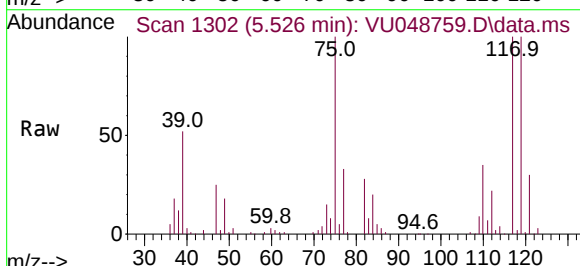
Tgt Ion: 75 Resp: 76561

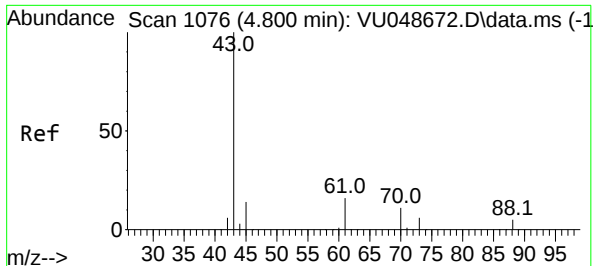
Ion Ratio Lower Upper

75 100

110 35.0 17.4 52.3

77 31.9 24.8 37.2





#37

Ethyl Acetate

Concen: 21.737 ug/l

RT: 4.803 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

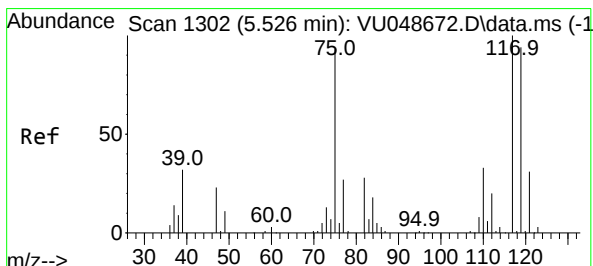
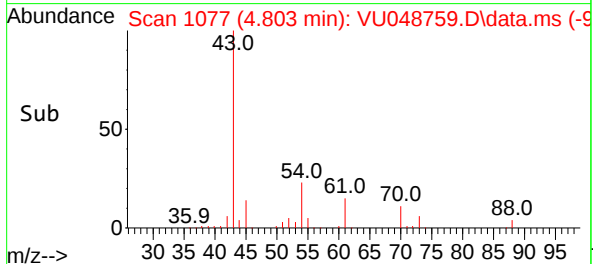
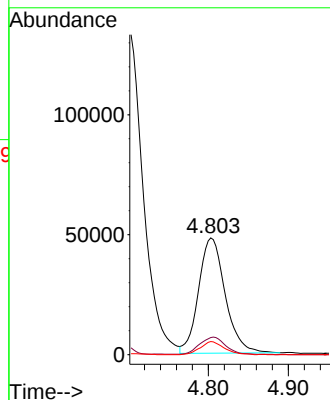
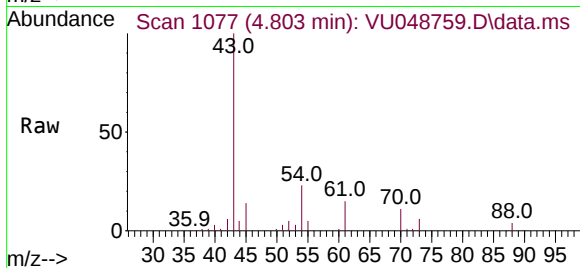
Tgt Ion: 43 Resp: 111423

Ion Ratio Lower Upper

43 100

61 15.2 11.7 17.5

70 10.2 8.4 12.6



#38

Carbon Tetrachloride

Concen: 18.381 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

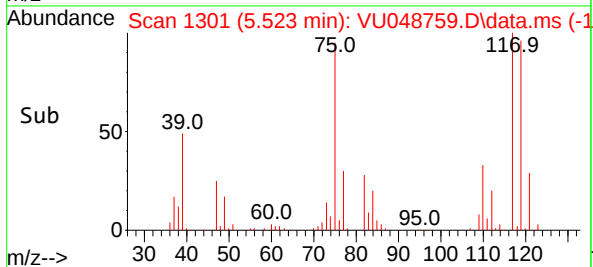
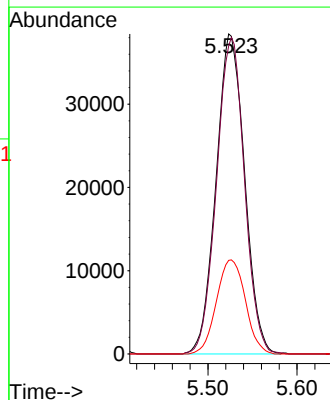
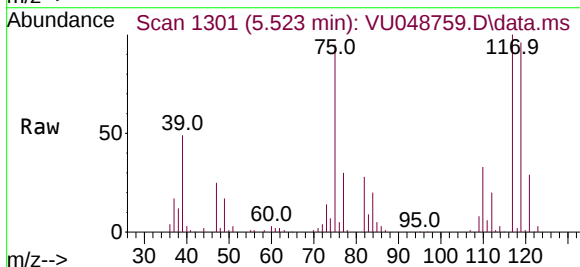
Tgt Ion: 117 Resp: 85504

Ion Ratio Lower Upper

117 100

119 96.3 75.4 113.2

121 29.2 24.6 36.8





#39

Methylcyclohexane

Concen: 19.077 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

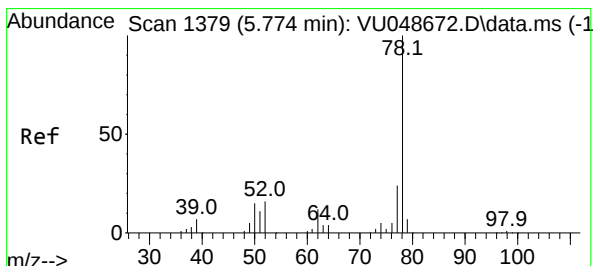
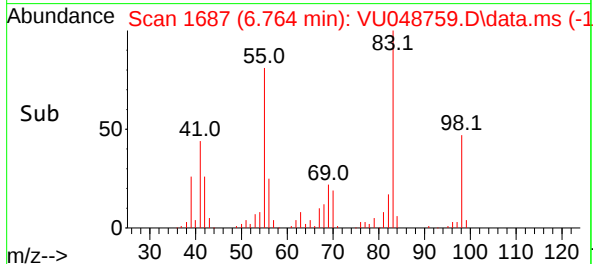
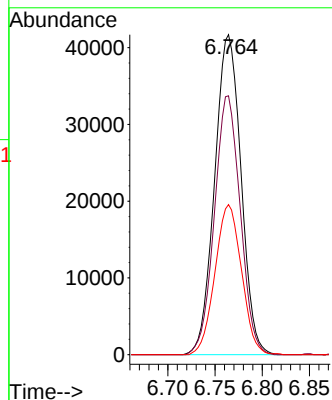
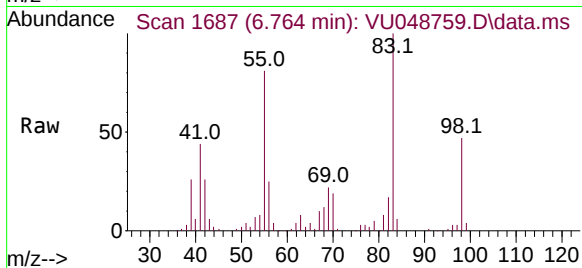
Tgt Ion: 83 Resp: 81106

Ion Ratio Lower Upper

83 100

55 80.9 61.0 91.6

98 46.9 36.8 55.2



#40

Benzene

Concen: 19.698 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048759.D

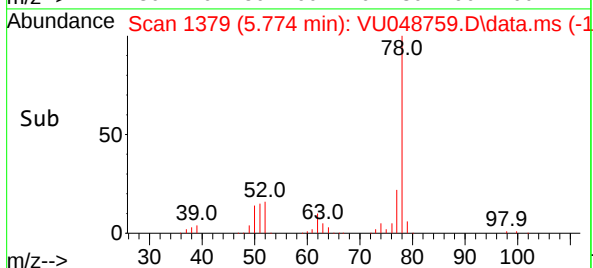
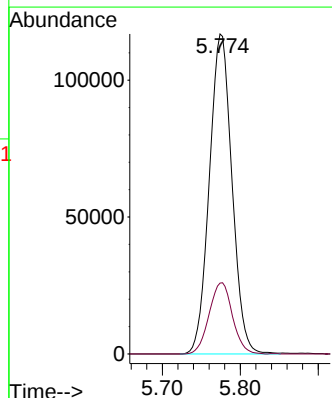
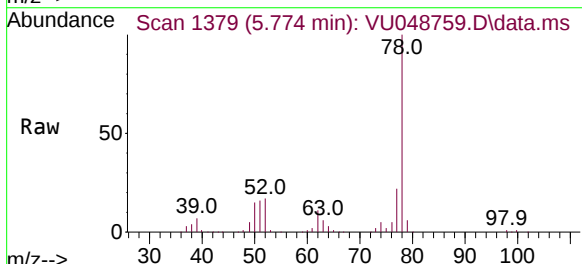
Acq: 31 May 2022 23:50

Tgt Ion: 78 Resp: 235794

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.6



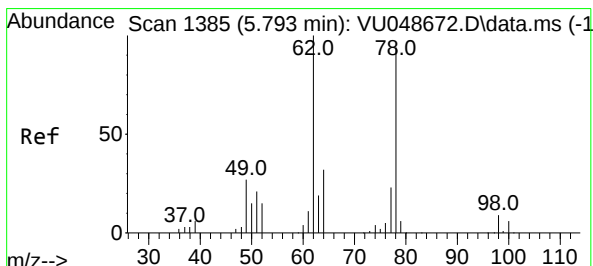
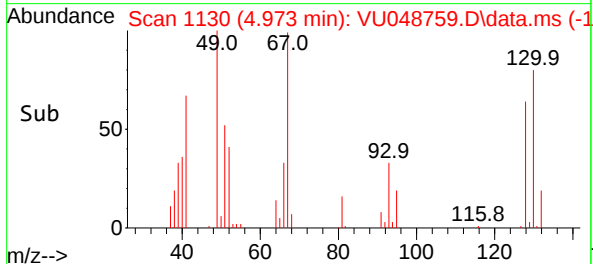
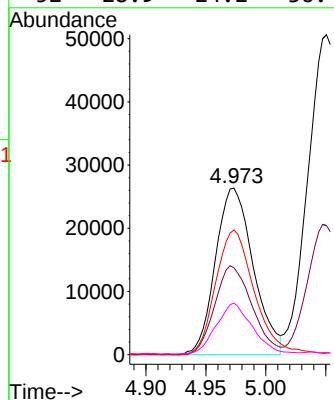
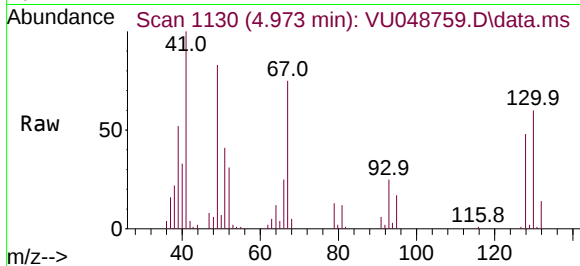


#41
Methacrylonitrile
Concen: 22.368 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion: 41 Resp: 57940

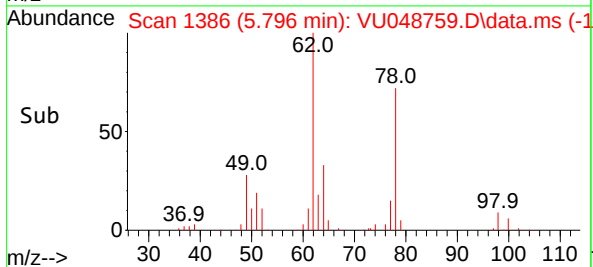
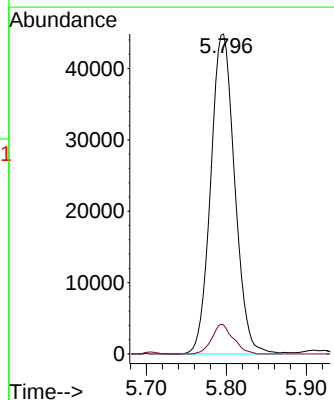
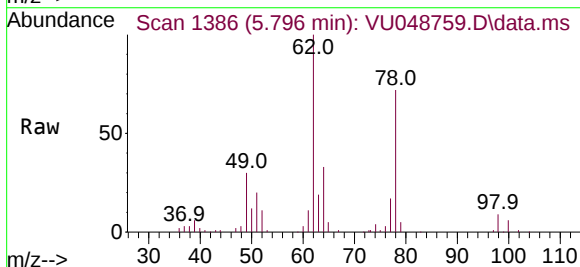
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.6	64.0
67	76.8	61.0	91.4
52	28.9	24.2	36.4

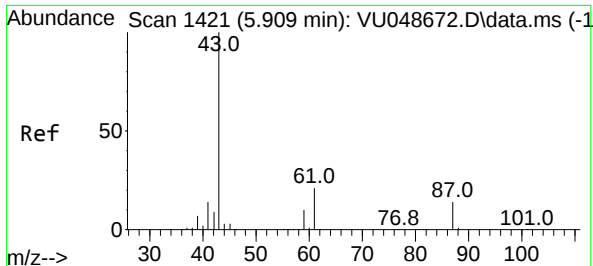


#42
1,2-Dichloroethane
Concen: 19.927 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 62 Resp: 93376

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 21.496 ug/l

RT: 5.912 min Scan# 1421

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

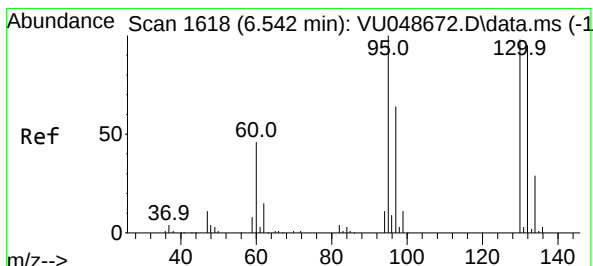
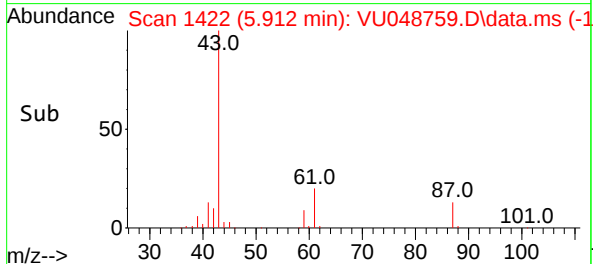
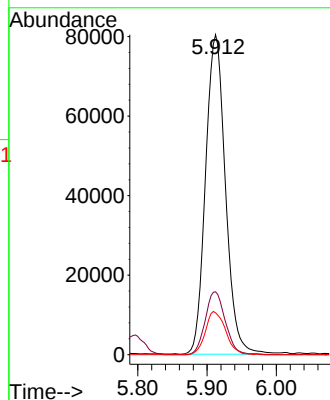
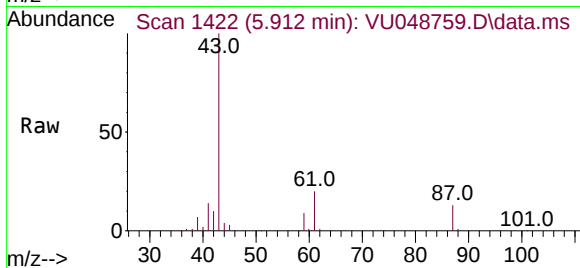
Tgt Ion: 43 Resp: 159923

Ion Ratio Lower Upper

43 100

61 20.0 16.7 25.1

87 13.7 10.9 16.3



#44

Trichloroethene

Concen: 19.414 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048759.D

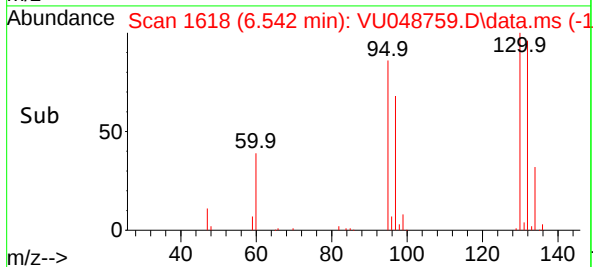
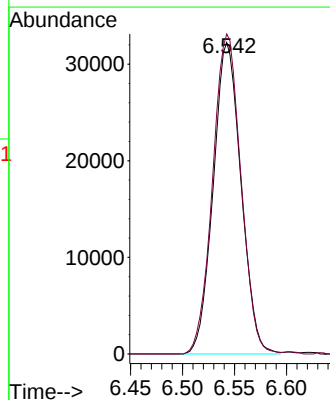
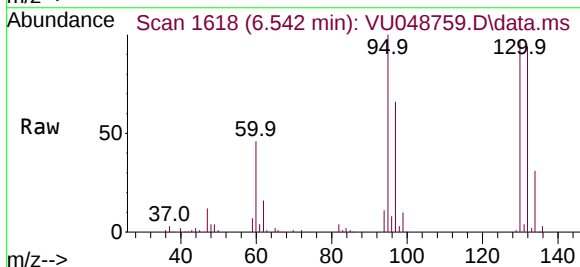
Acq: 31 May 2022 23:50

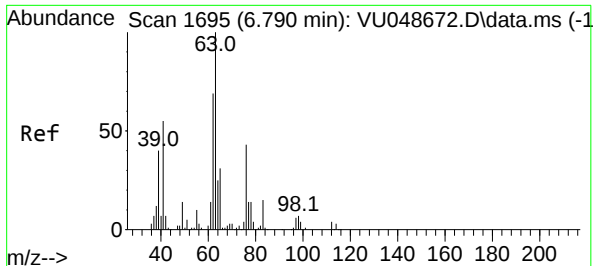
Tgt Ion:130 Resp: 59872

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 22.289 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

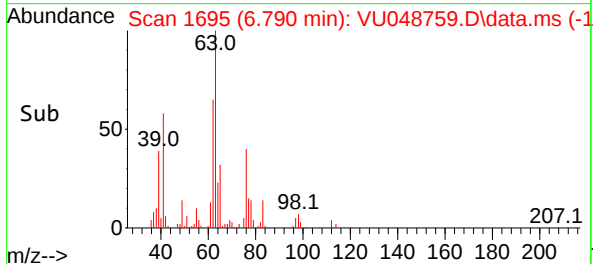
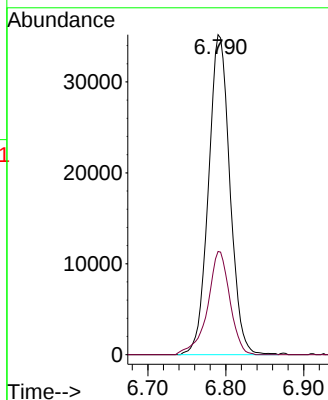
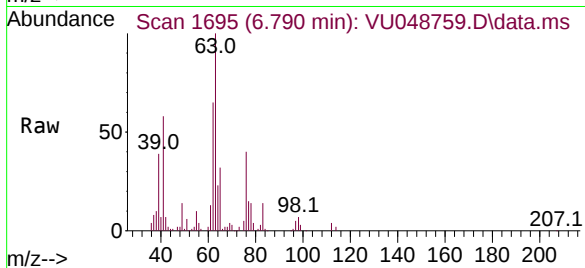
VU0531WBSD02

Tgt Ion: 63 Resp: 67170

Ion Ratio Lower Upper

63 100

65 32.2 24.8 37.2



#46

Dibromomethane

Concen: 21.121 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

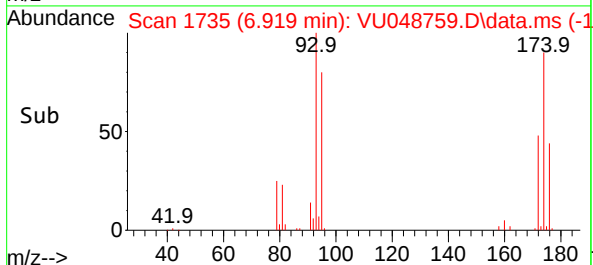
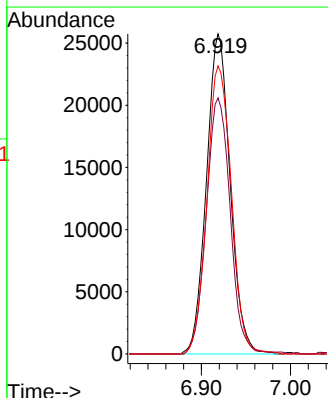
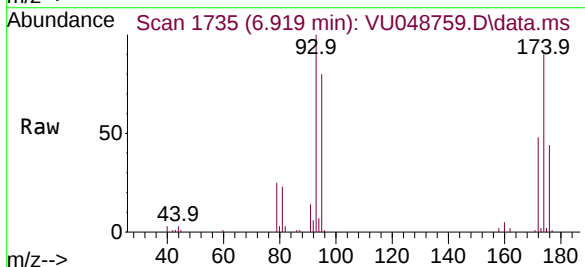
Tgt Ion: 93 Resp: 47554

Ion Ratio Lower Upper

93 100

95 80.7 65.1 97.7

174 92.4 77.8 116.6

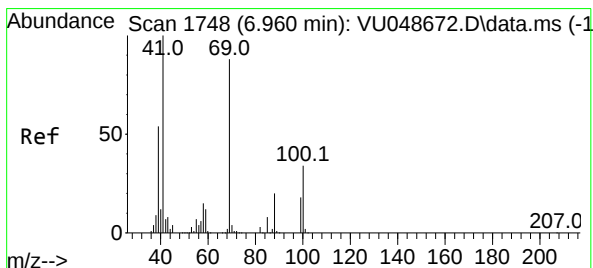
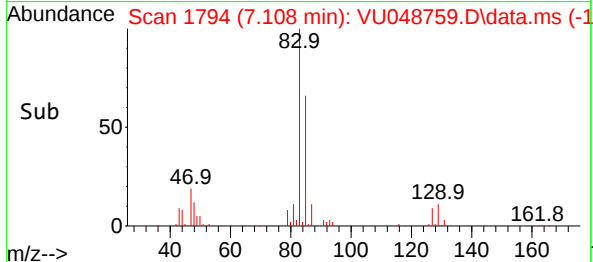
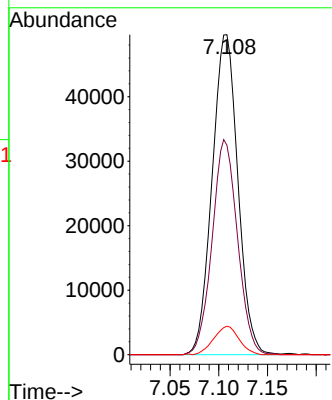
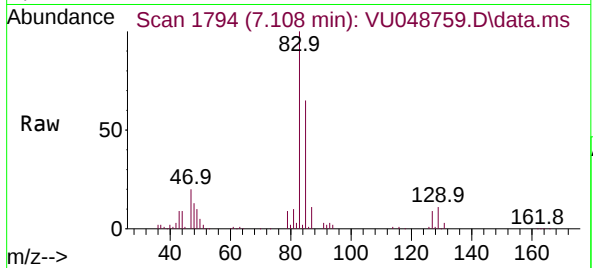




#47
Bromodichloromethane
Concen: 20.042 ug/l
RT: 7.108 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

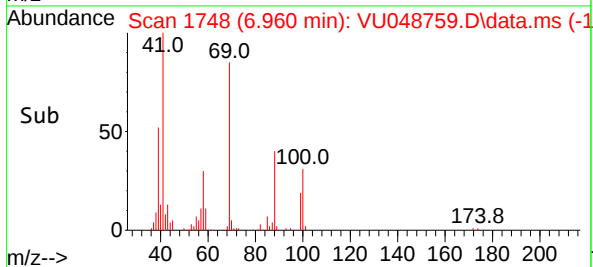
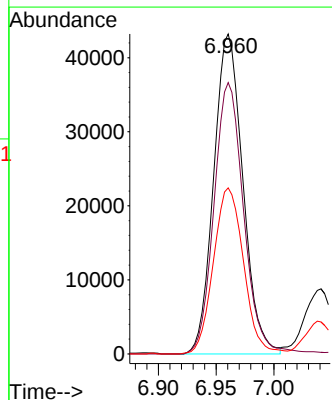
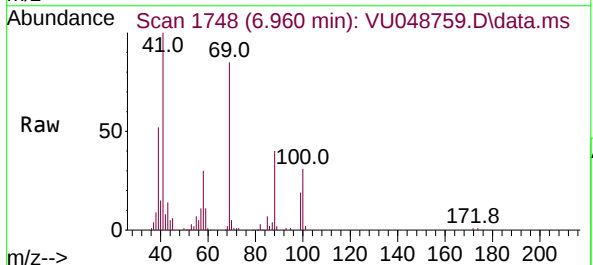
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion: 83 Resp: 91256
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1
127 8.9 6.9 10.3



#48
Methyl methacrylate
Concen: 22.761 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 41 Resp: 76019
Ion Ratio Lower Upper
41 100
69 86.5 70.7 106.1
39 53.6 43.4 65.2





#49

1,4-Dioxane

Concen: 451.295 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

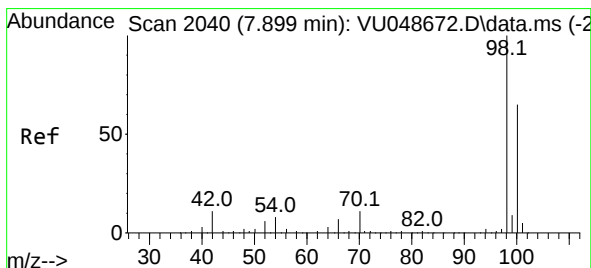
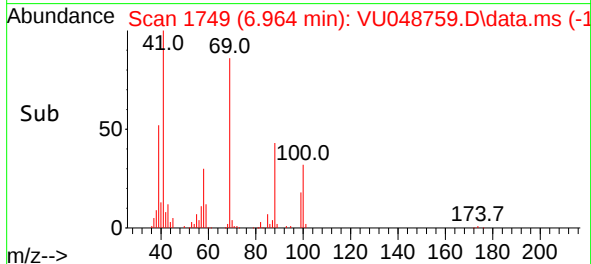
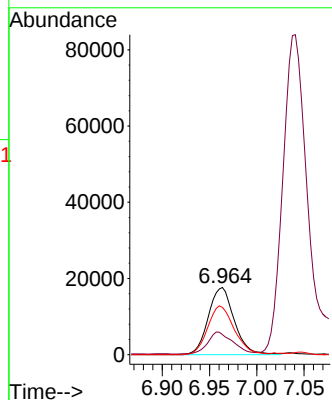
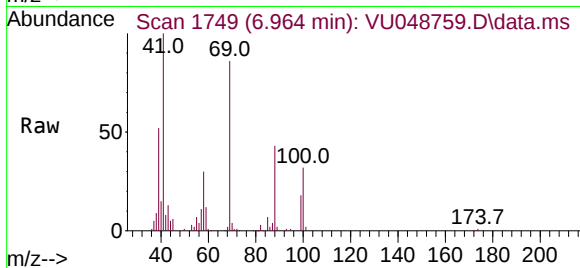
Tgt Ion: 88 Resp: 33694

Ion Ratio Lower Upper

88 100

43 32.2 24.6 36.8

58 74.1 54.7 82.1



#50

Toluene-d8

Concen: 49.898 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048759.D

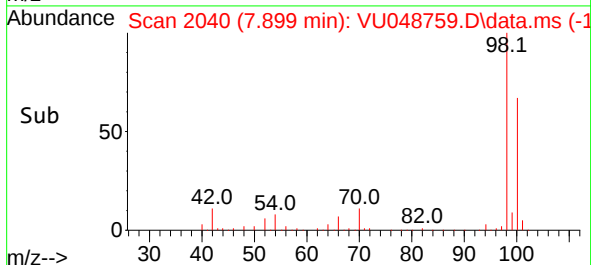
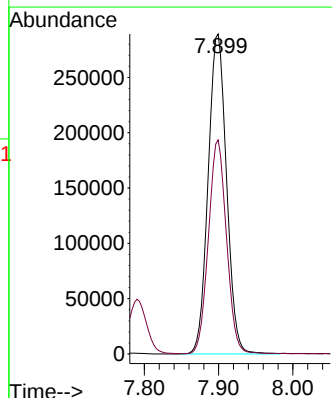
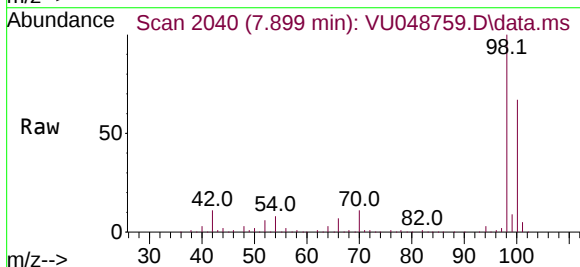
Acq: 31 May 2022 23:50

Tgt Ion: 98 Resp: 496916

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 118.941 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

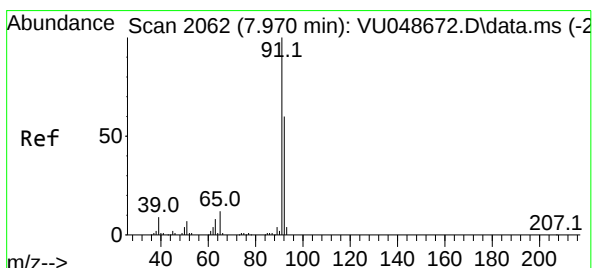
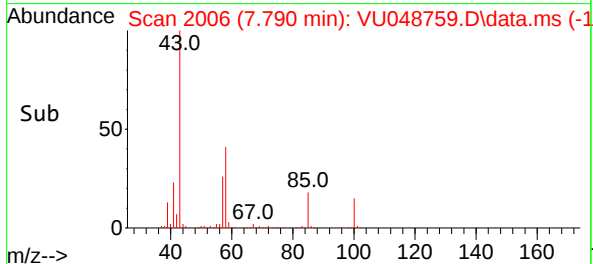
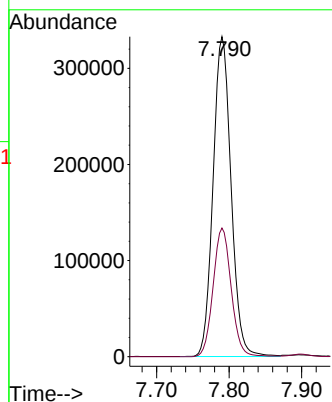
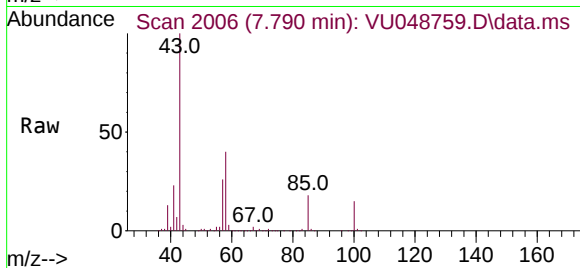
VU0531WBSD02

Tgt Ion: 43 Resp: 574578

Ion Ratio Lower Upper

43 100

58 40.4 32.7 49.1



#52

Toluene

Concen: 20.624 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048759.D

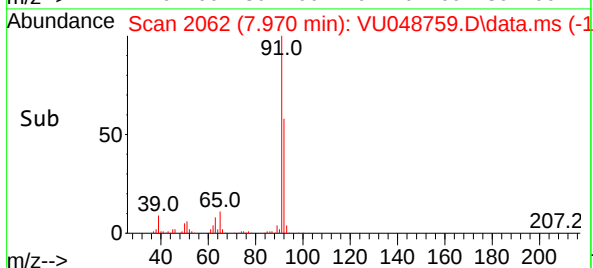
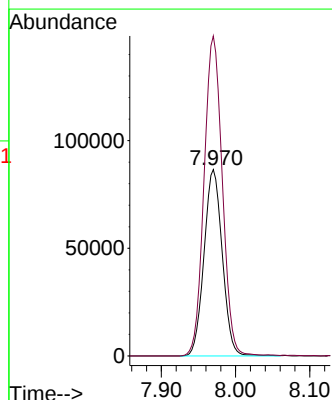
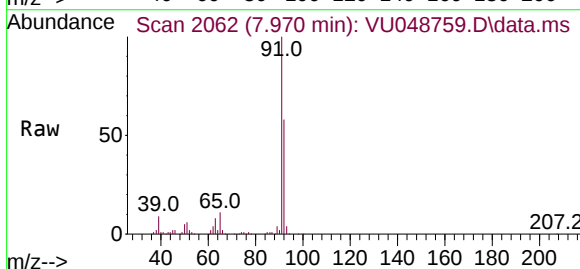
Acq: 31 May 2022 23:50

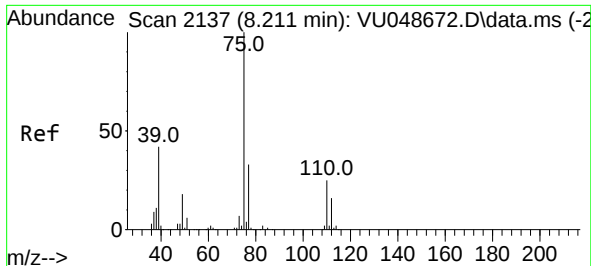
Tgt Ion: 92 Resp: 147673

Ion Ratio Lower Upper

92 100

91 171.3 135.0 202.4

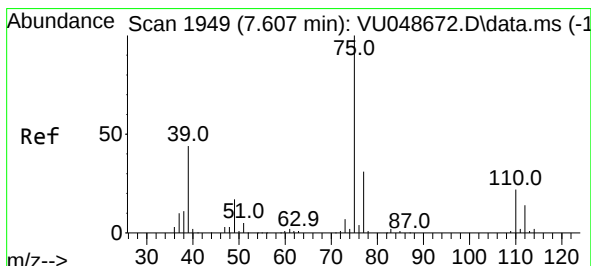
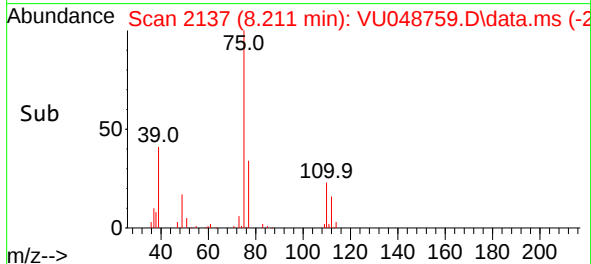
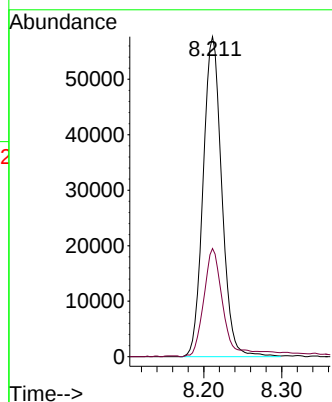
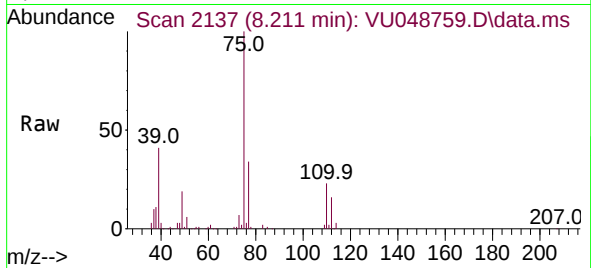




#53
 t-1,3-Dichloropropene
 Concen: 19.534 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

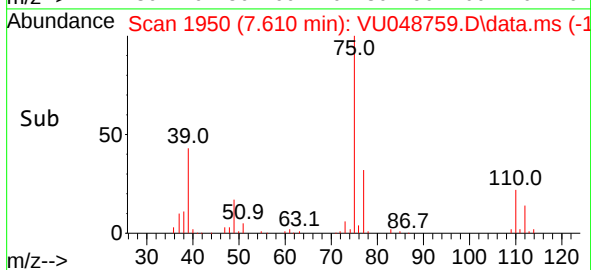
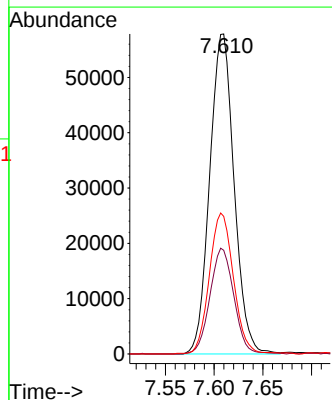
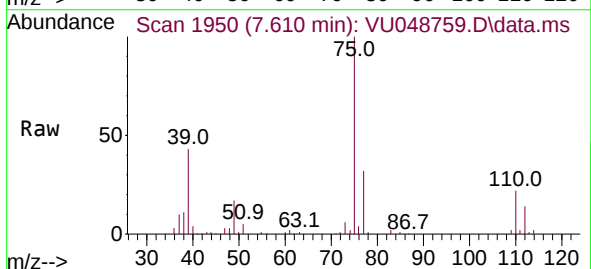
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

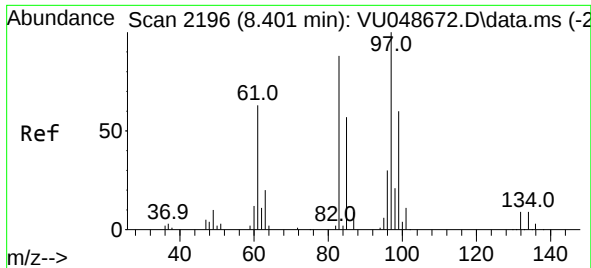
Tgt Ion: 75 Resp: 95942
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.809 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

Tgt Ion: 75 Resp: 100822
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3
 39 42.8 35.2 52.8

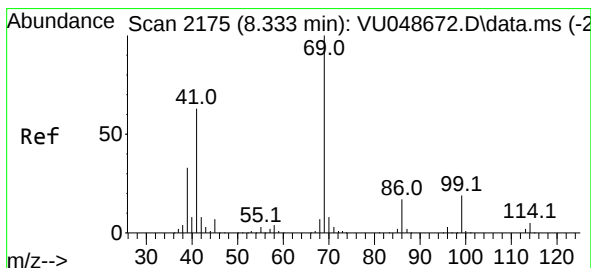
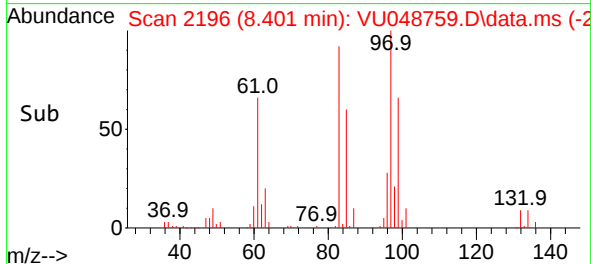
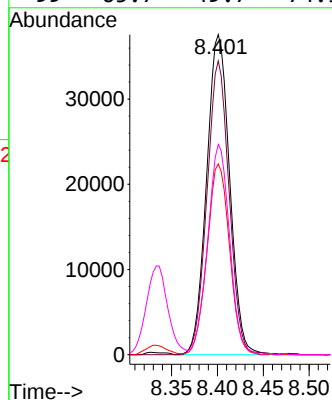
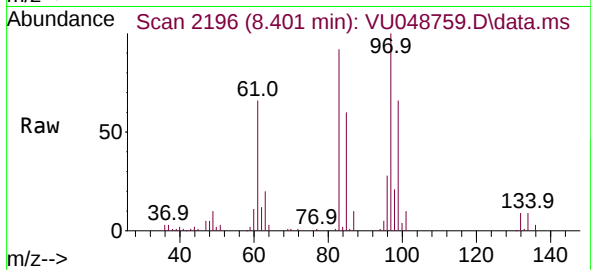




#55
 1,1,2-Trichloroethane
 Concen: 20.813 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

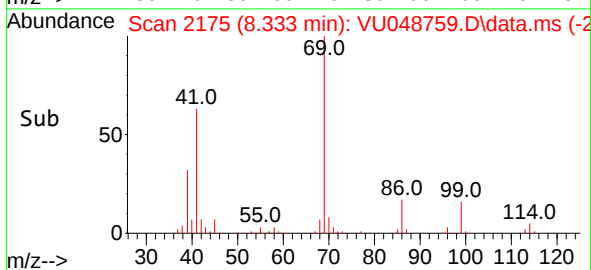
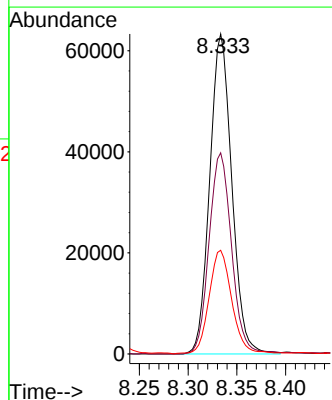
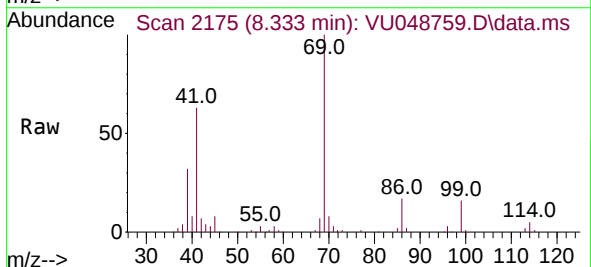
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

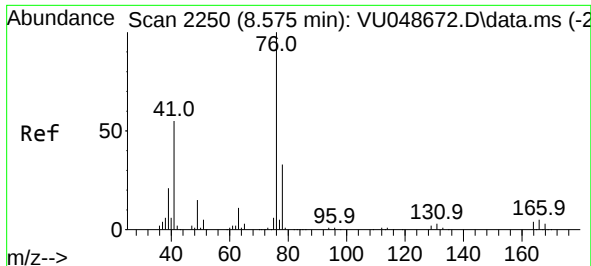
Tgt Ion:	97	Resp:	65770
Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.2	105.4
85	59.6	45.6	68.4
99	65.7	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 21.534 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

Tgt Ion:	69	Resp:	99690
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.6	76.0
39	33.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.859 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

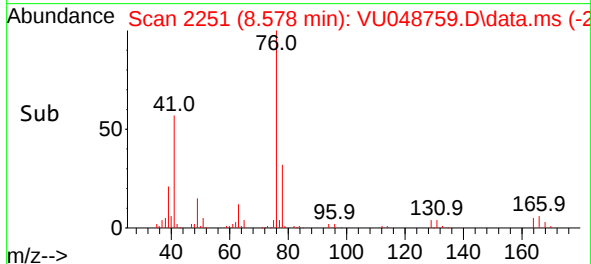
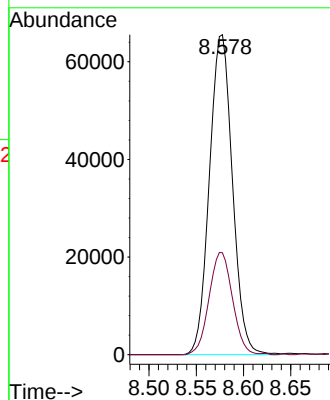
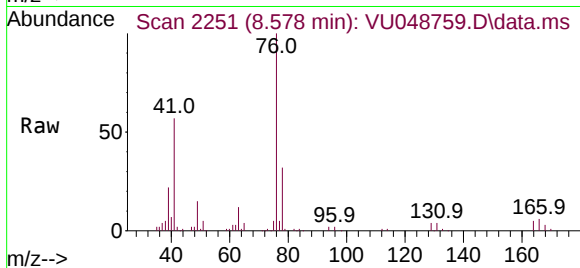
VU0531WBSD02

Tgt Ion: 76 Resp: 110938

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.838 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048759.D

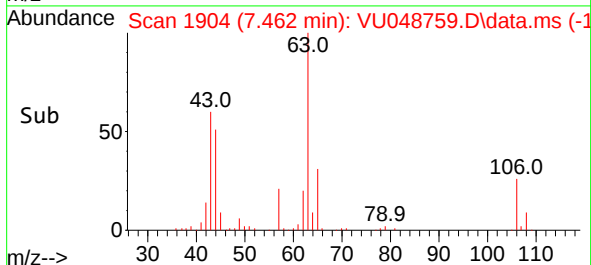
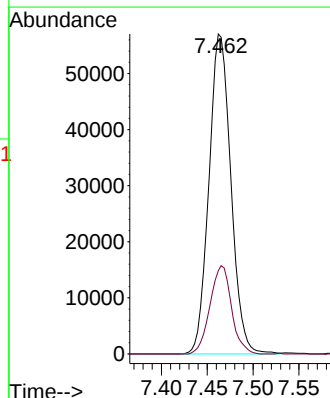
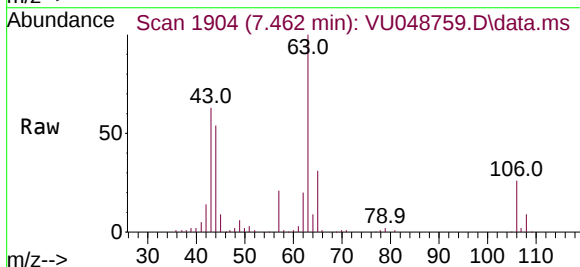
Acq: 31 May 2022 23:50

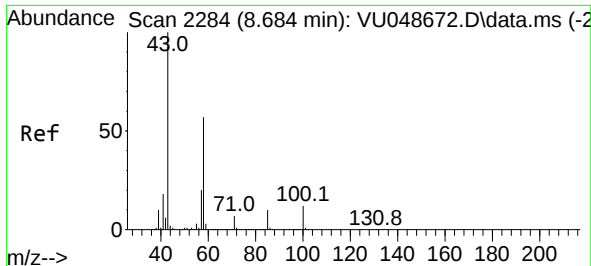
Tgt Ion: 63 Resp: 94945

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

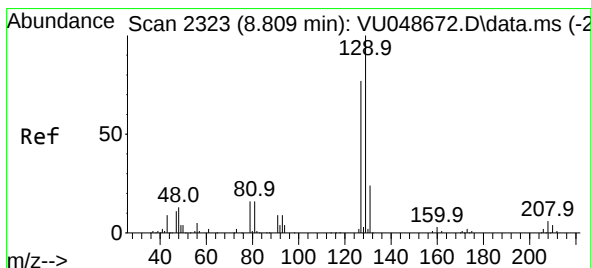
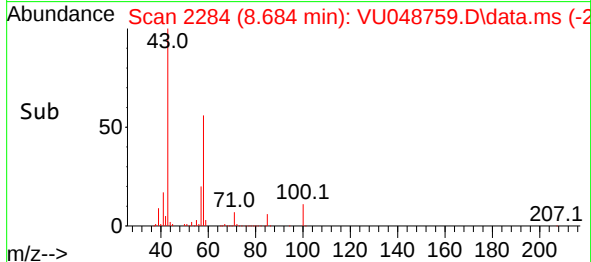
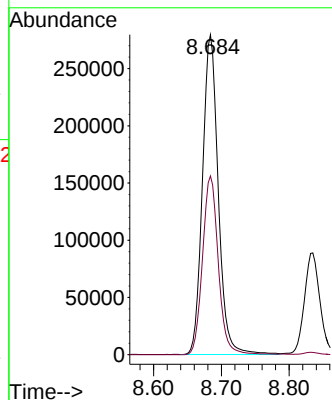
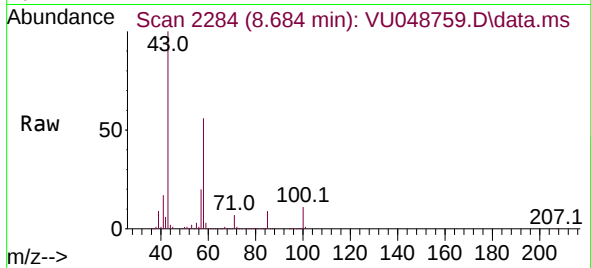




#59
2-Hexanone
Concen: 113.843 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

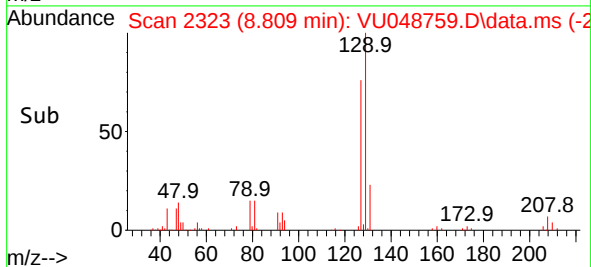
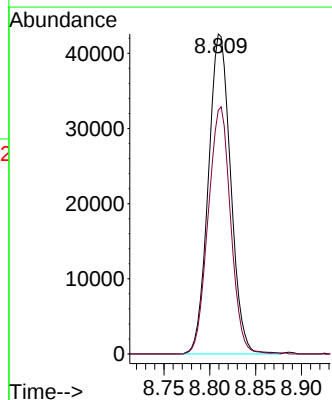
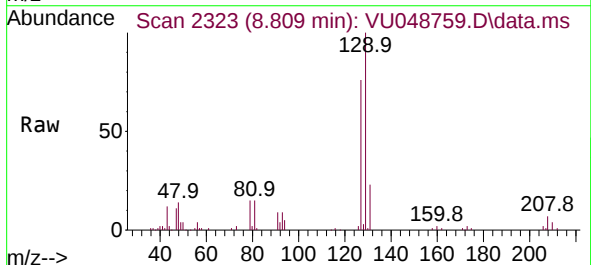
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion: 43 Resp: 451494
Ion Ratio Lower Upper
43 100
58 55.8 28.2 84.6



#60
Dibromochloromethane
Concen: 20.342 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 129 Resp: 72058
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

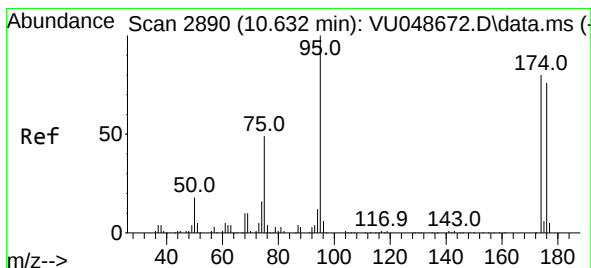
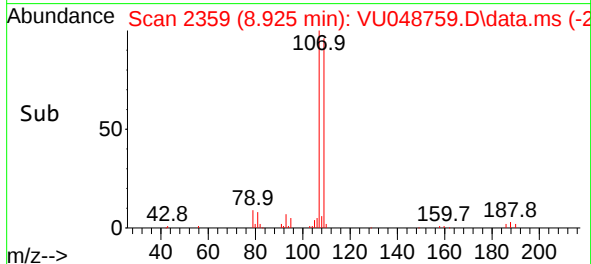
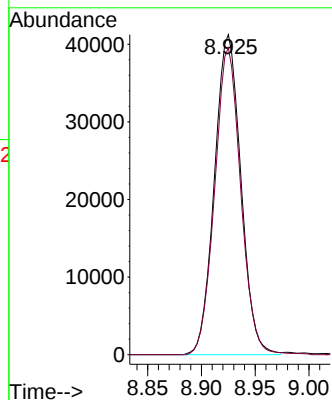
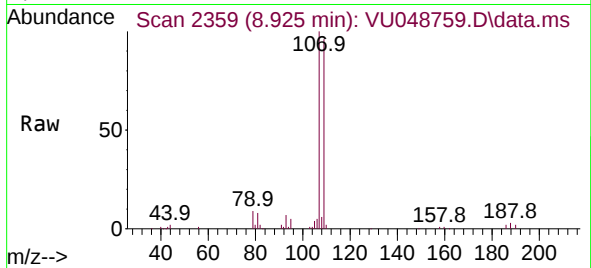




#61
1,2-Dibromoethane
Concen: 20.233 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

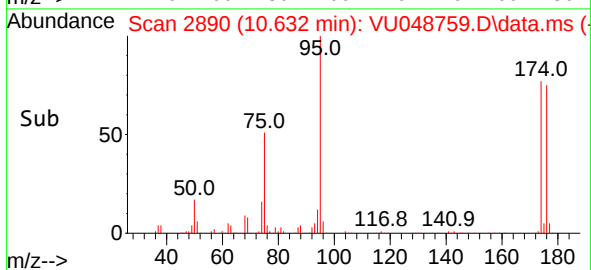
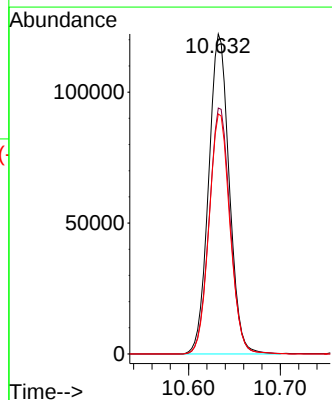
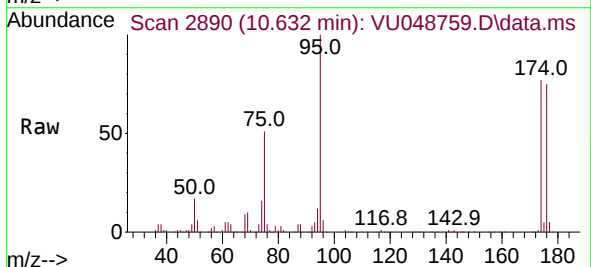
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

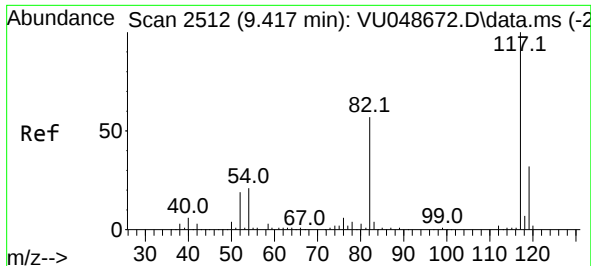
Tgt Ion:107 Resp: 70415
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 95 Resp: 190949
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.4
176 76.3 0.0 152.4

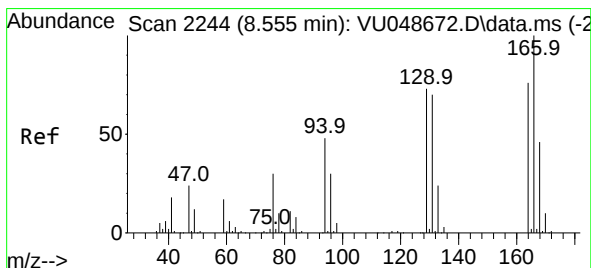
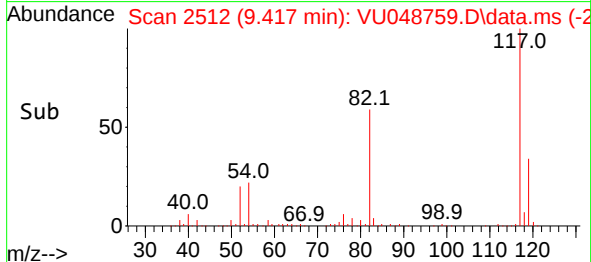
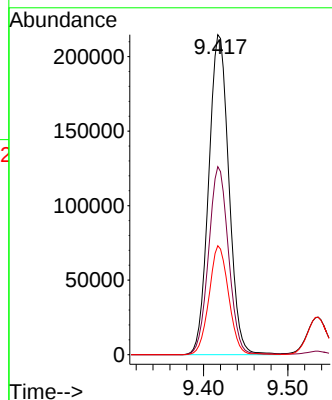
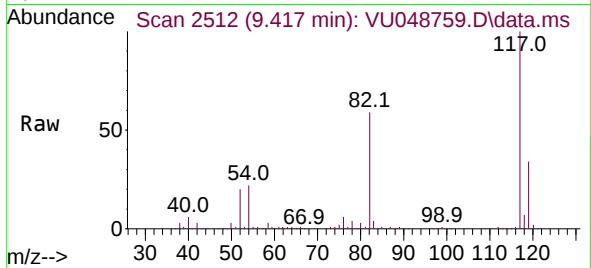




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

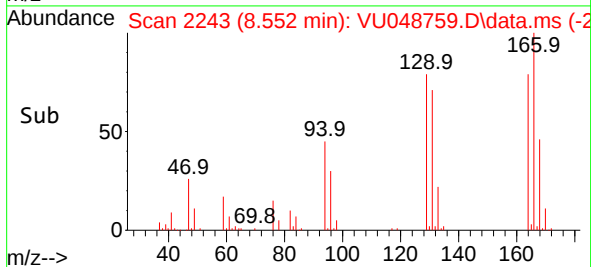
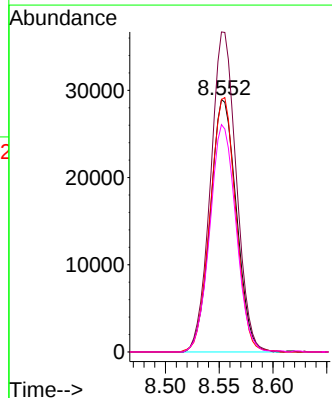
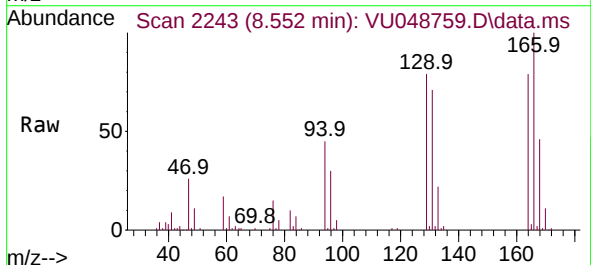
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

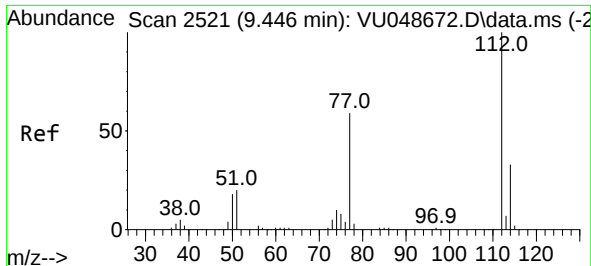
Tgt Ion:117 Resp: 357191
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 34.1 25.4 38.2



#64
Tetrachloroethene
Concen: 19.110 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:164 Resp: 49097
Ion Ratio Lower Upper
164 100
166 126.7 105.0 157.4
129 100.0 76.5 114.7
131 90.1 73.8 110.6

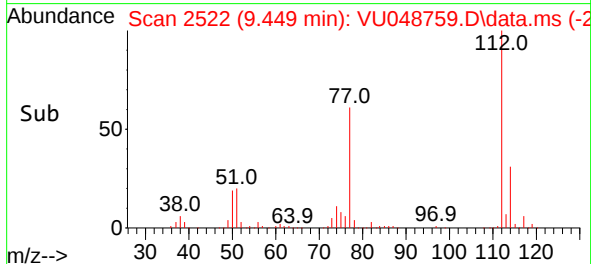
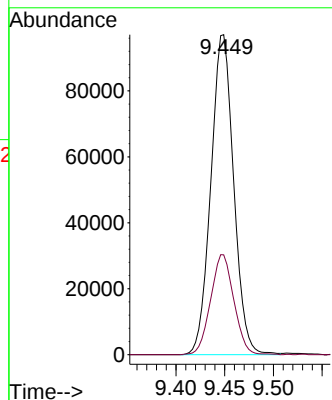
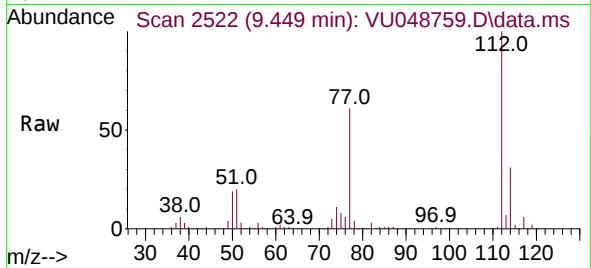




#65
Chlorobenzene
Concen: 20.927 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

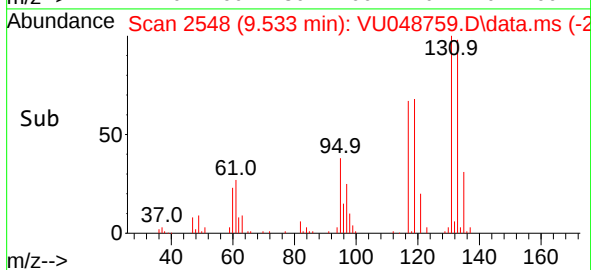
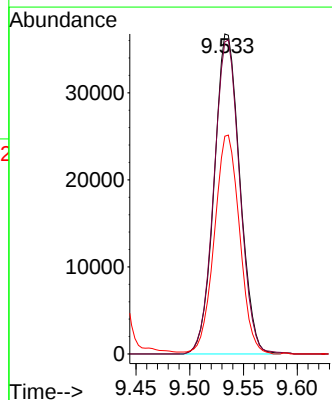
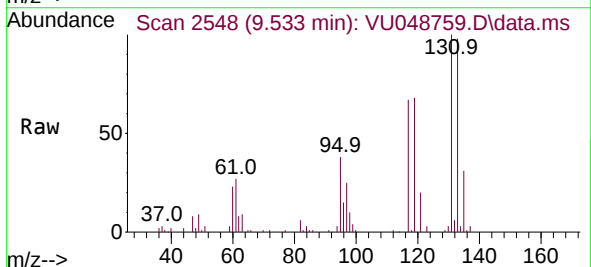
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

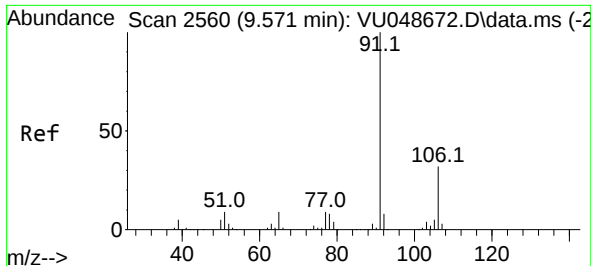
Tgt Ion:112 Resp: 158095
Ion Ratio Lower Upper
112 100
114 31.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.269 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:131 Resp: 60990
Ion Ratio Lower Upper
131 100
133 98.6 48.5 145.5
119 67.5 32.7 98.1





#67

Ethyl Benzene

Concen: 21.689 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

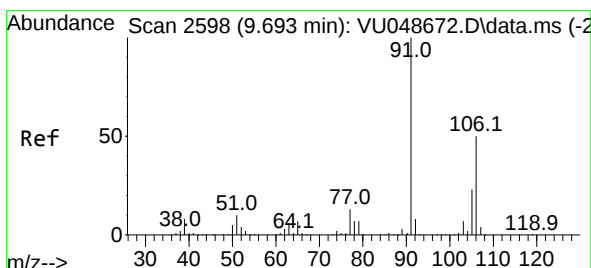
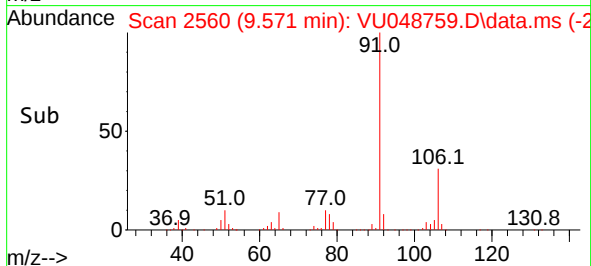
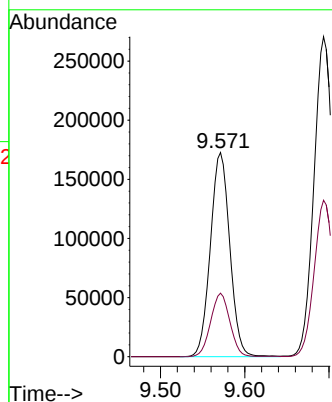
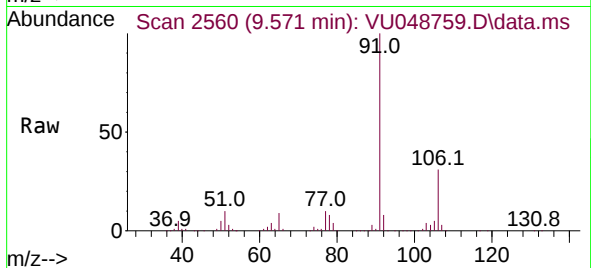
VU0531WBSD02

Tgt Ion: 91 Resp: 276356

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 43.429 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048759.D

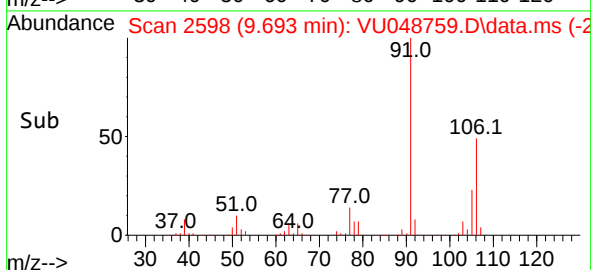
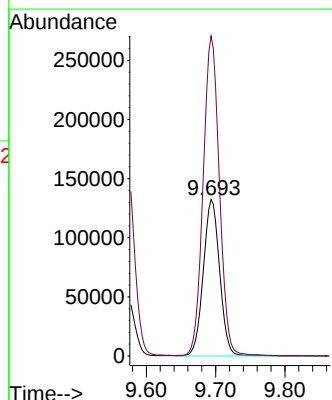
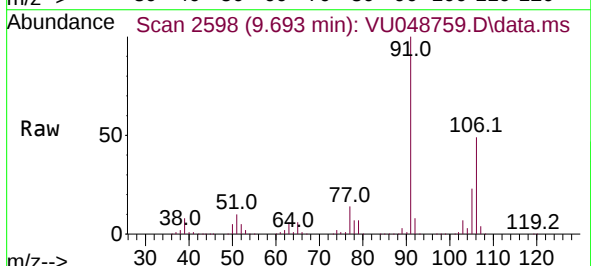
Acq: 31 May 2022 23:50

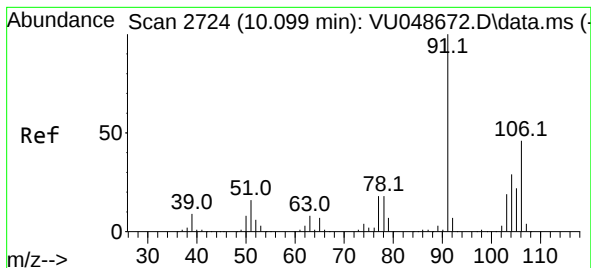
Tgt Ion: 106 Resp: 216425

Ion Ratio Lower Upper

106 100

91 203.4 162.4 243.6





#69

o-Xylene

Concen: 21.249 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

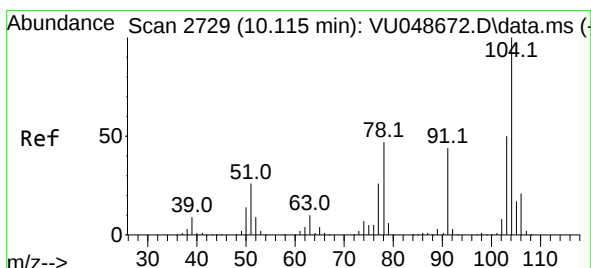
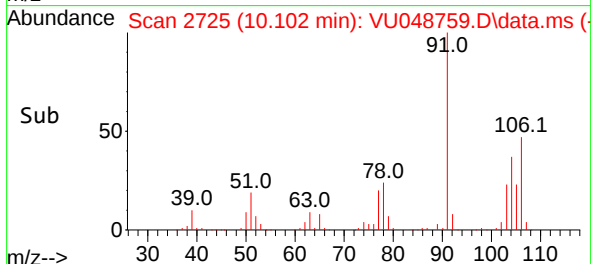
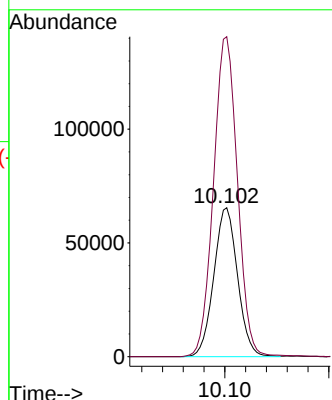
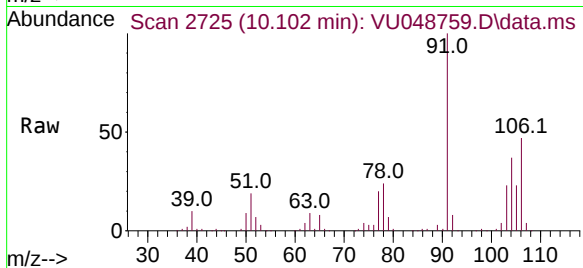
VU0531WBSD02

Tgt Ion:106 Resp: 104033

Ion Ratio Lower Upper

106 100

91 216.9 107.7 323.3



#70

Styrene

Concen: 22.040 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

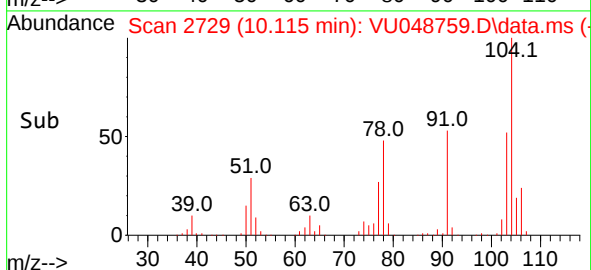
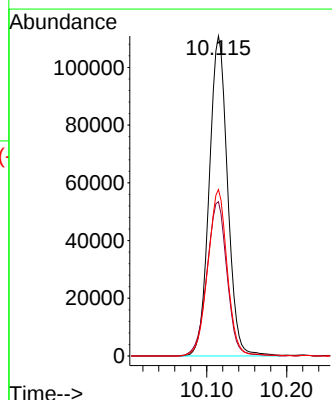
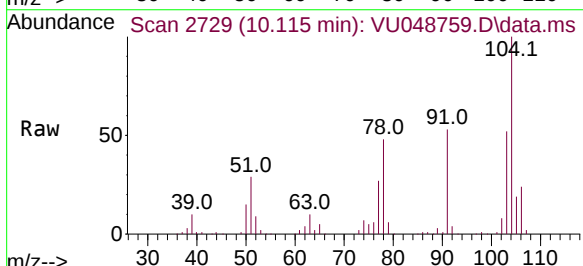
Tgt Ion:104 Resp: 177491

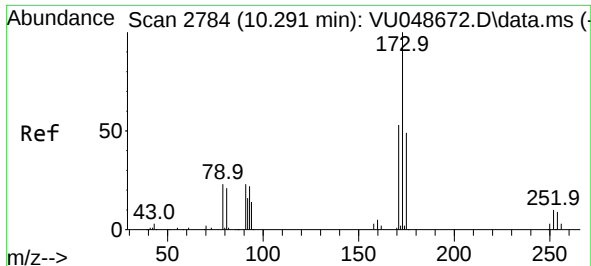
Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

103 54.9 43.4 65.2

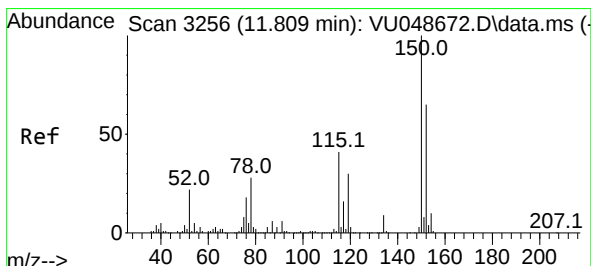
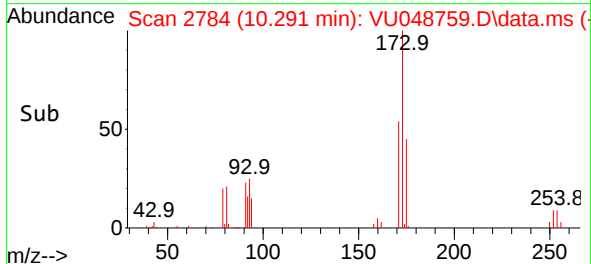
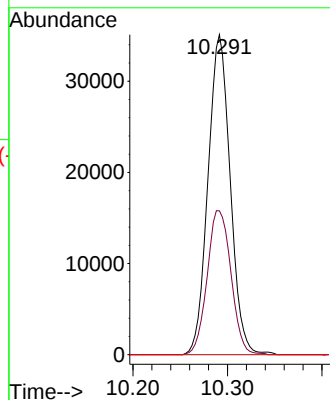
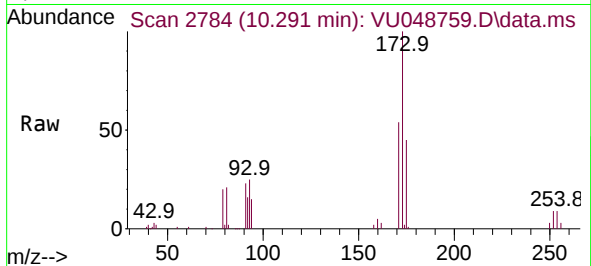




#71
Bromoform
Concen: 21.648 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

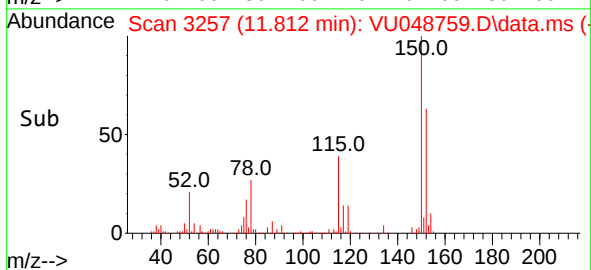
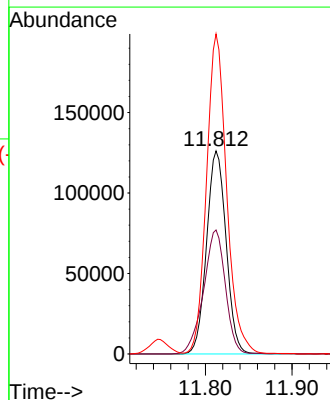
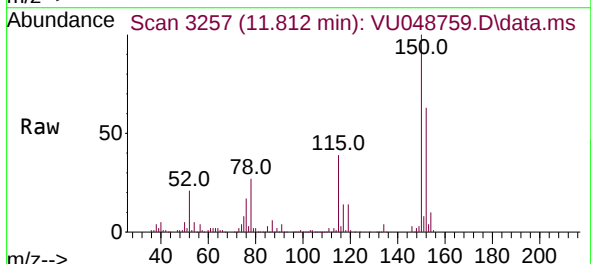
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

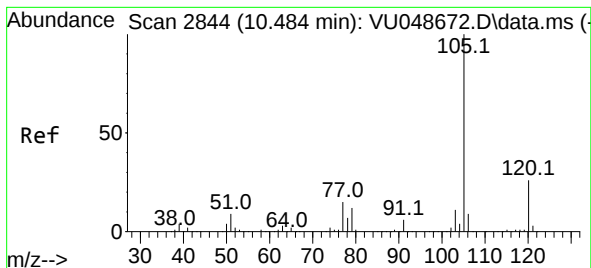
Tgt Ion:173 Resp: 57395
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:152 Resp: 197976
Ion Ratio Lower Upper
152 100
115 68.3 41.8 125.4
150 161.9 0.0 341.0





#73

Isopropylbenzene

Concen: 21.372 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

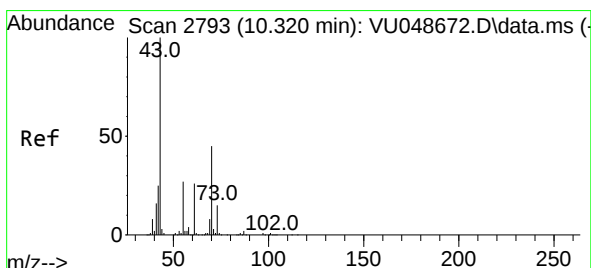
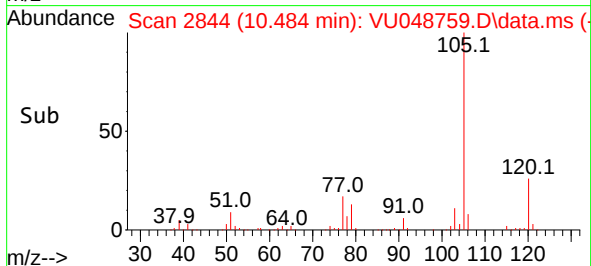
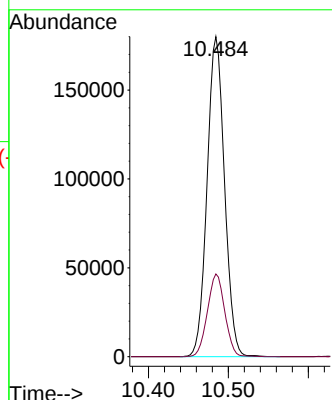
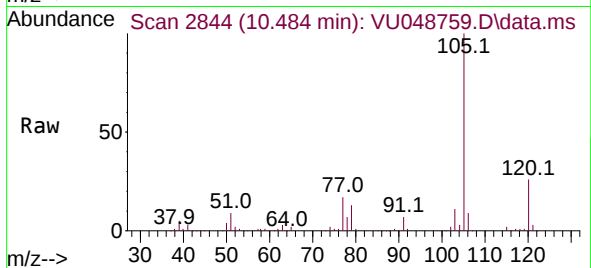
VU0531WBSD02

Tgt Ion:105 Resp: 273161

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 22.034 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Tgt Ion: 43 Resp: 133186

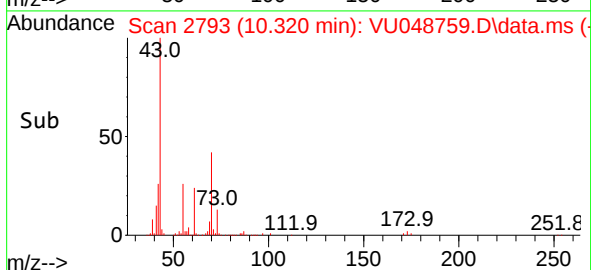
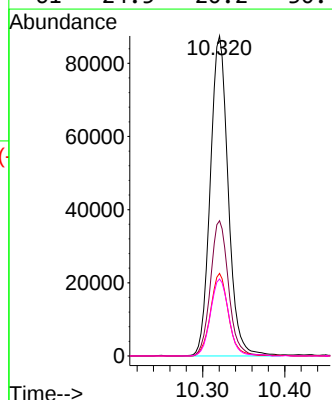
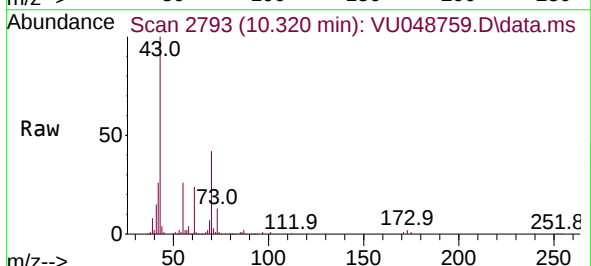
Ion Ratio Lower Upper

43 100

70 42.6 35.8 53.6

55 25.5 21.1 31.7

61 24.5 20.2 30.4

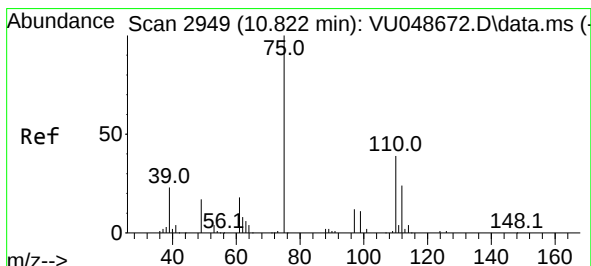
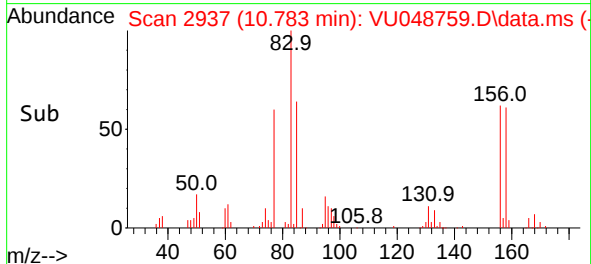
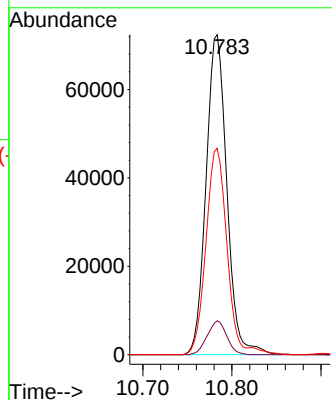
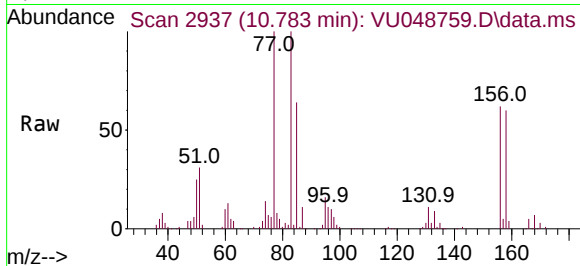




#75
1,1,2,2-Tetrachloroethane
Concen: 22.476 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

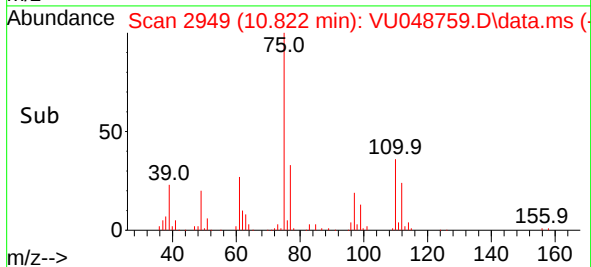
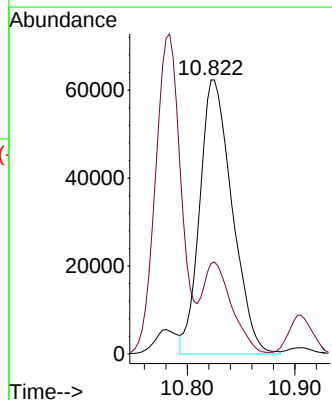
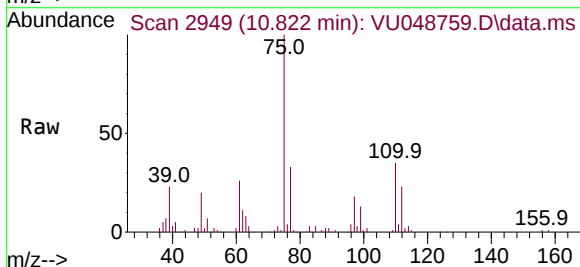
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion: 83 Resp: 117229
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 65.6 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 20.508 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 75 Resp: 130905
Ion Ratio Lower Upper
75 100
77 29.6 14.8 44.3

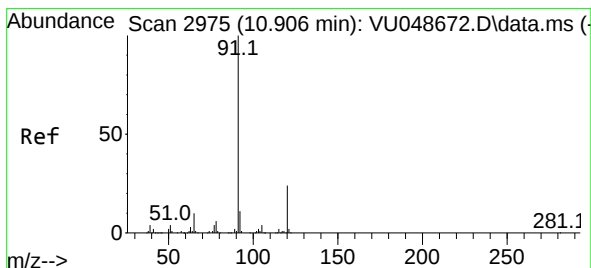
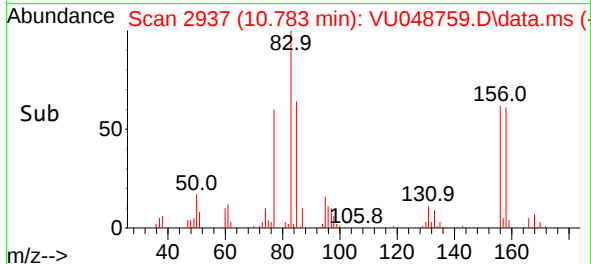
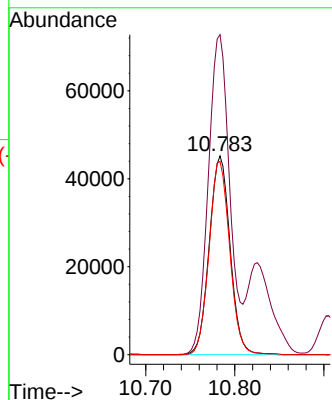
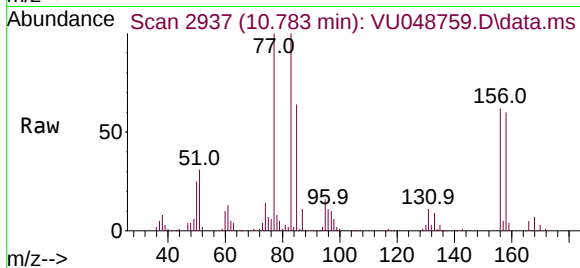




#77
Bromobenzene
Concen: 21.377 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

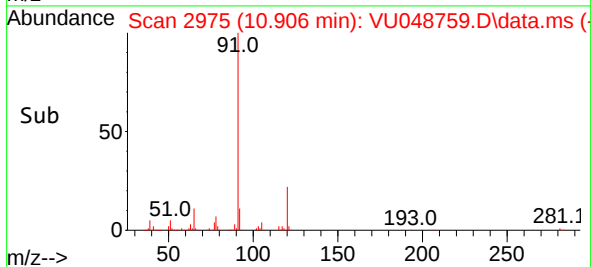
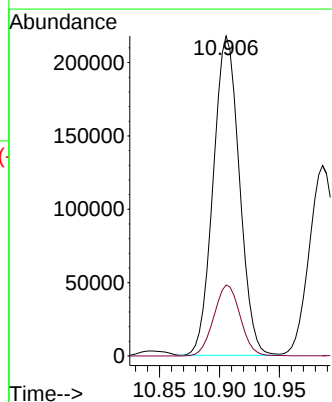
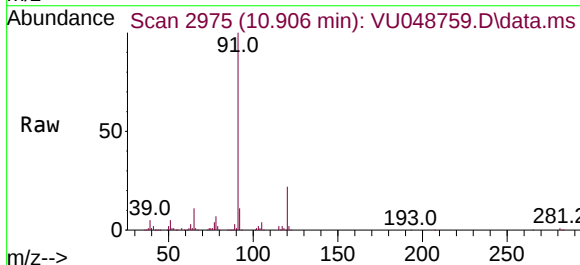
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

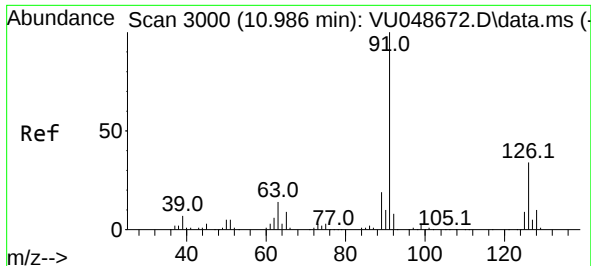
Tgt Ion:156 Resp: 73379
Ion Ratio Lower Upper
156 100
77 165.3 81.1 243.3
158 96.2 48.8 146.4



#78
n-propylbenzene
Concen: 21.678 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 91 Resp: 330150
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7

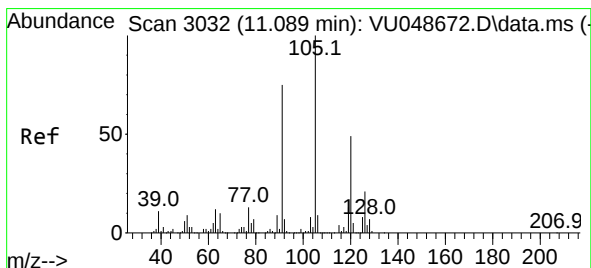
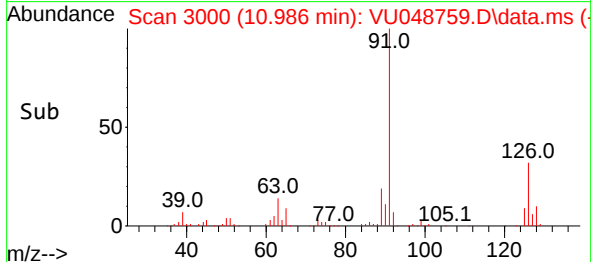
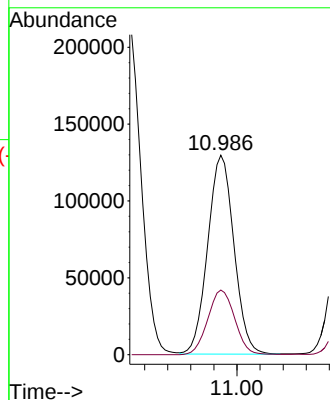
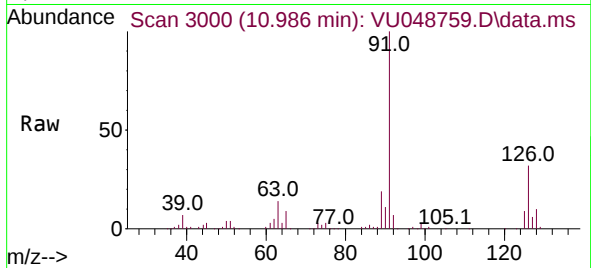




#79
2-Chlorotoluene
Concen: 21.582 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

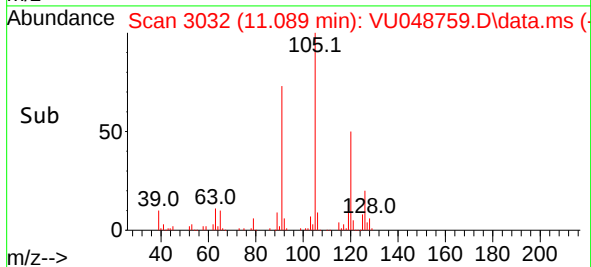
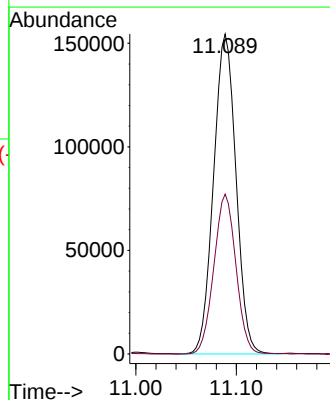
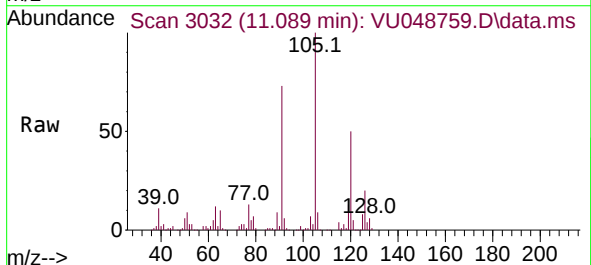
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MSVOA_U
ClientSampleId :
VU0531WBSD02

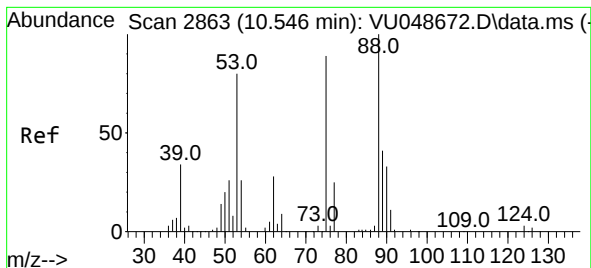
Tgt Ion: 91 Resp: 204402
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.553 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 105 Resp: 239561
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

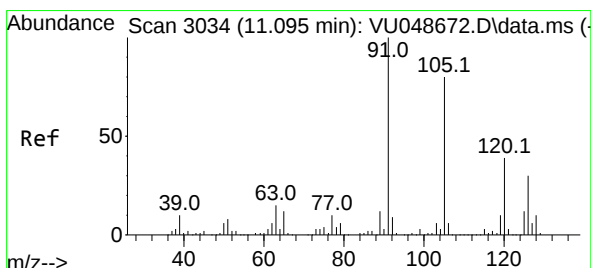
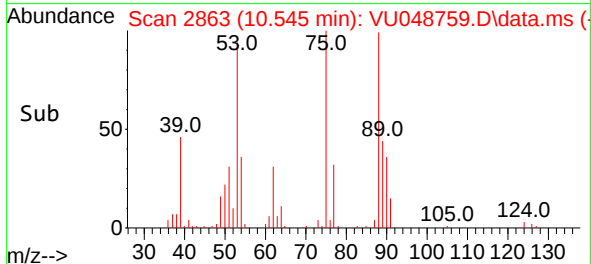
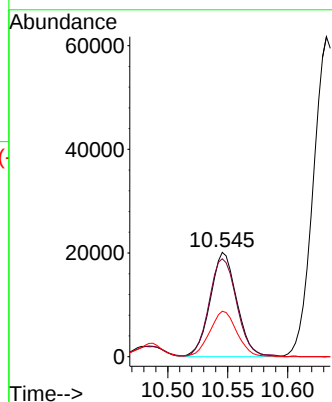
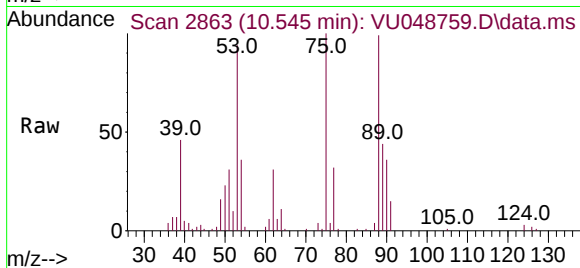




#81
trans-1,4-Dichloro-2-butene
Concen: 17.616 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

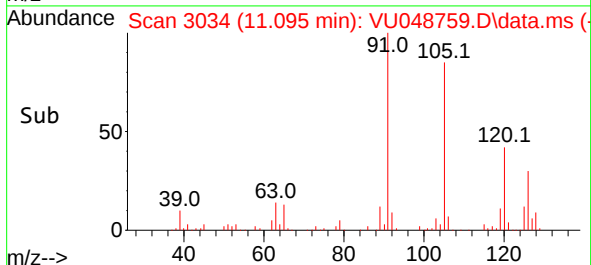
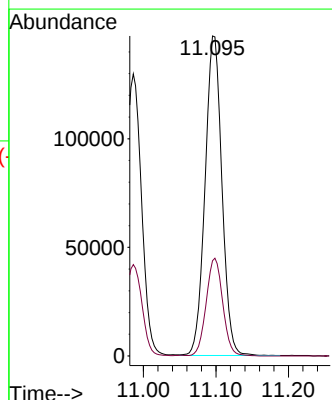
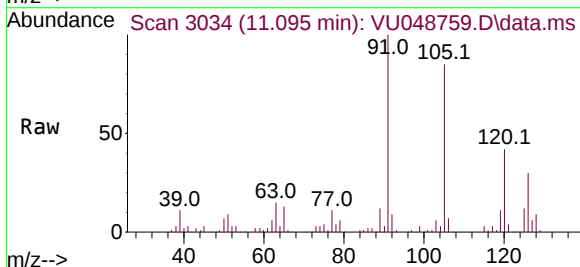
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

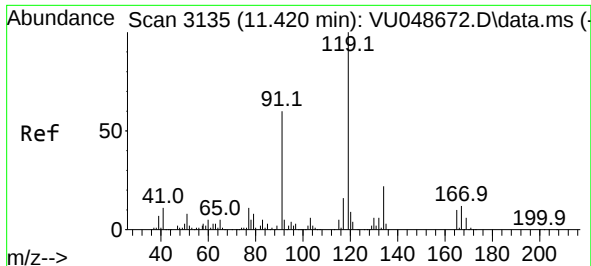
Tgt Ion: 75 Resp: 30969
Ion Ratio Lower Upper
75 100
53 97.9 72.5 108.7
89 44.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.755 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion: 91 Resp: 237735
Ion Ratio Lower Upper
91 100
126 30.1 14.4 43.2

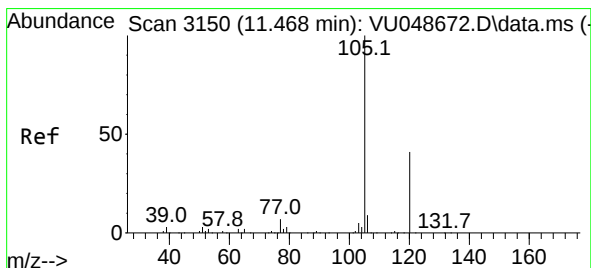
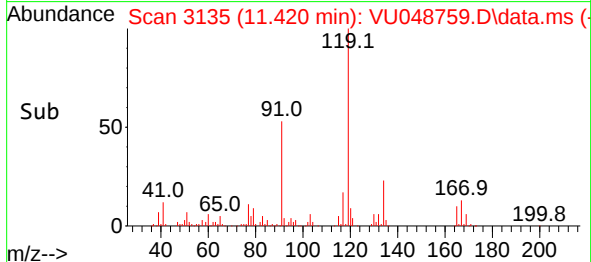
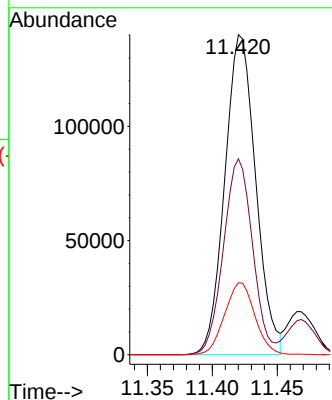
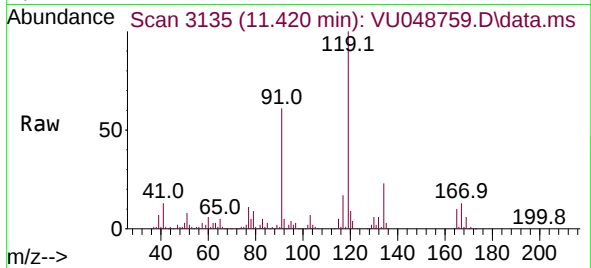




#83
tert-Butylbenzene
Concen: 21.803 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

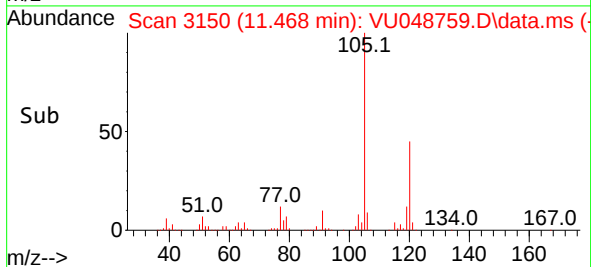
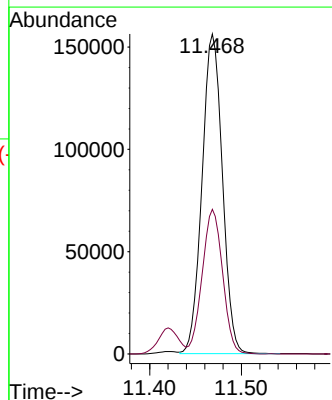
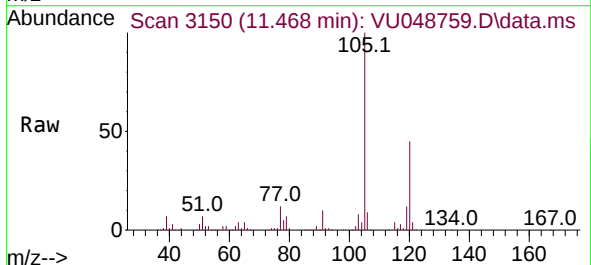
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

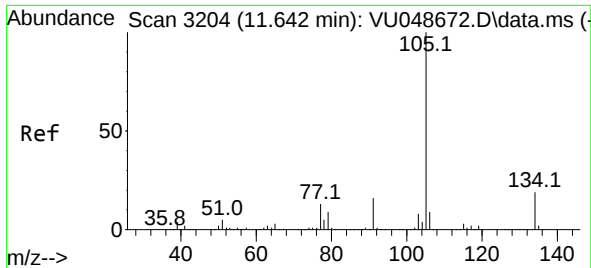
Tgt Ion:119 Resp: 232586
Ion Ratio Lower Upper
119 100
91 57.8 28.7 86.1
134 22.0 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 20.834 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:105 Resp: 241068
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5

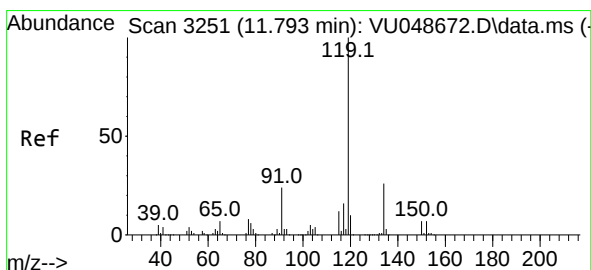
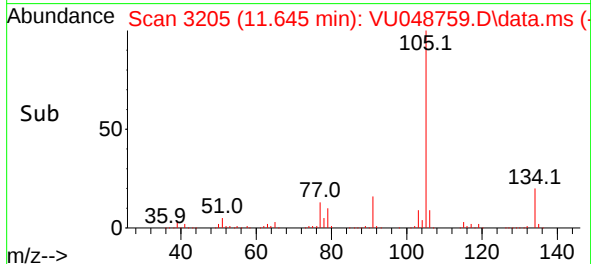
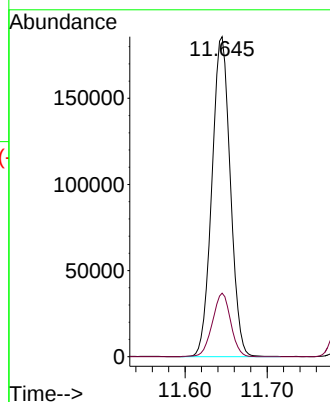
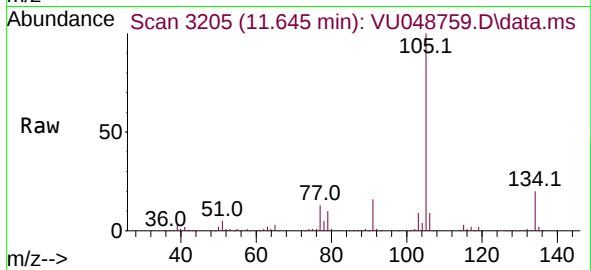




#85
 sec-Butylbenzene
 Concen: 21.702 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

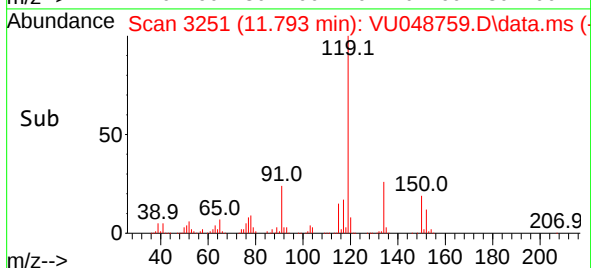
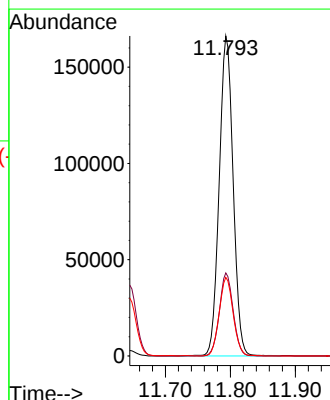
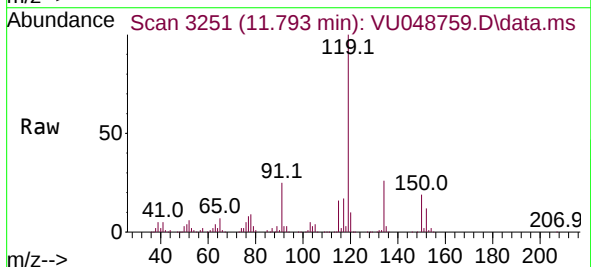
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD02

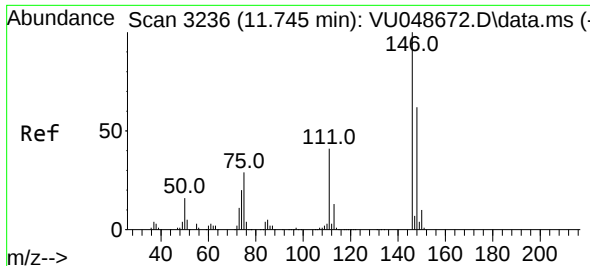
Tgt Ion:105 Resp: 289624
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.462 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048759.D
 Acq: 31 May 2022 23:50

Tgt Ion:119 Resp: 245975
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.7 12.0 36.0

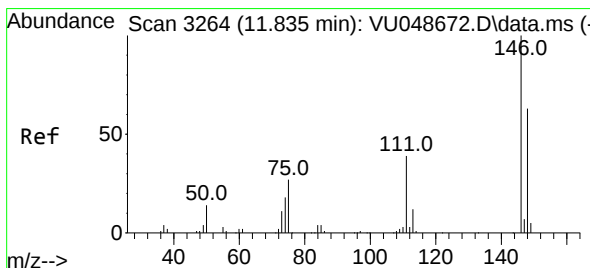
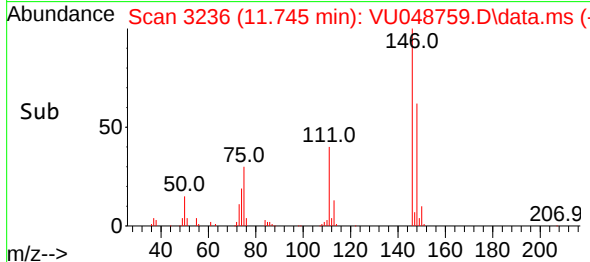
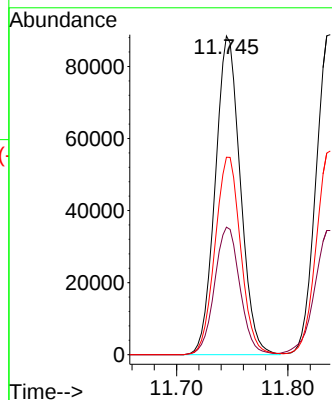
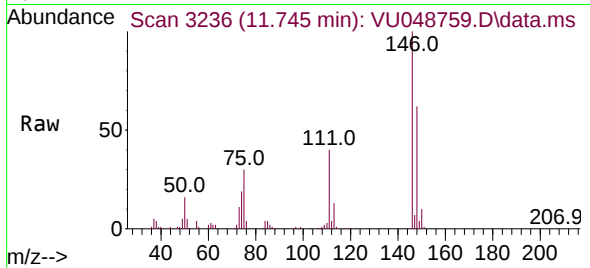




#87
1,3-Dichlorobenzene
Concen: 20.570 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

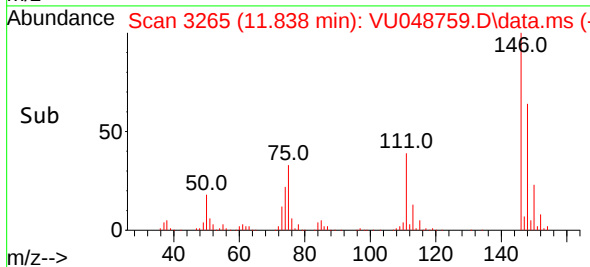
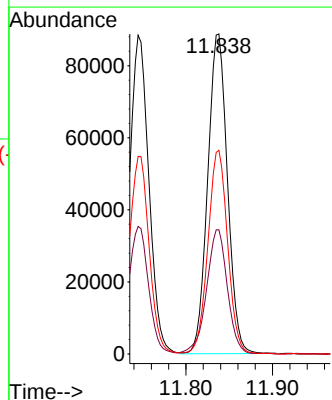
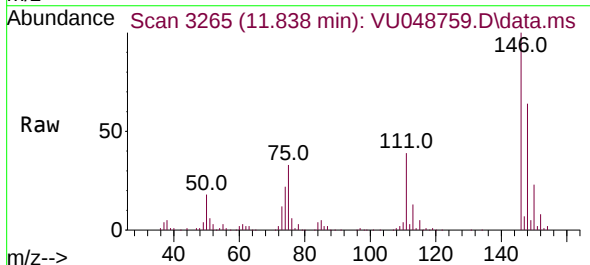
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

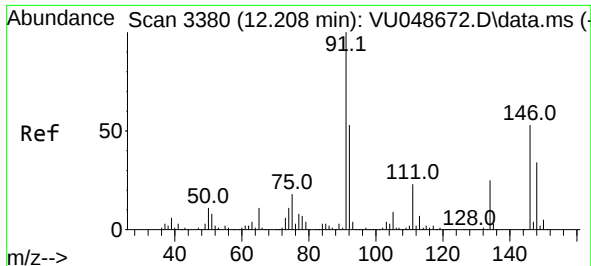
Tgt Ion:146 Resp: 138433
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.196 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:146 Resp: 140422
Ion Ratio Lower Upper
146 100
111 40.6 20.2 60.6
148 63.2 32.4 97.0





#89

n-Butylbenzene

Concen: 19.869 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

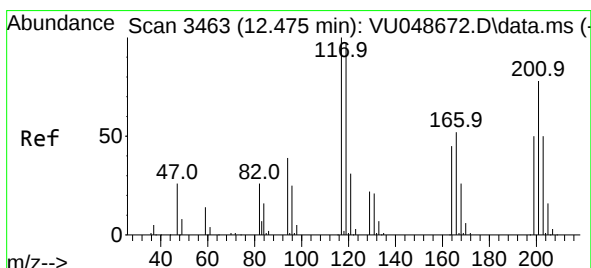
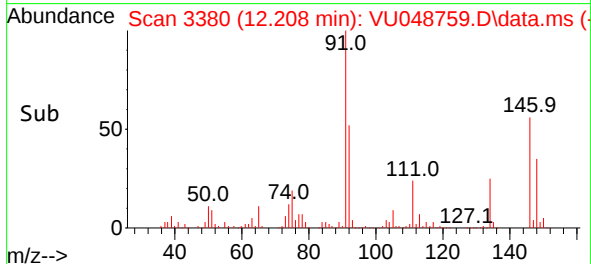
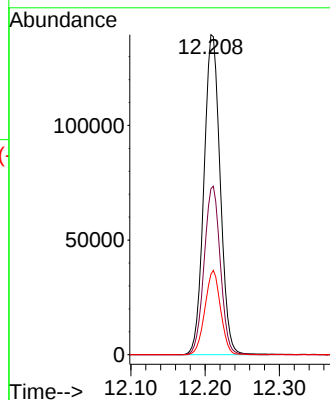
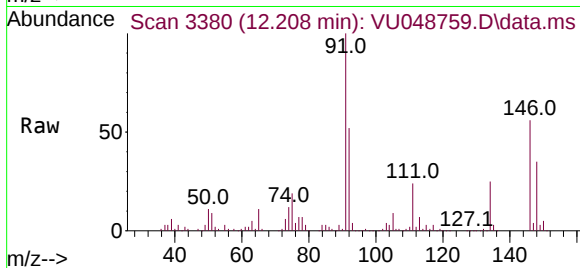
Tgt Ion: 91 Resp: 212129

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 25.3 12.5 37.5



#90

Hexachloroethane

Concen: 18.637 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048759.D

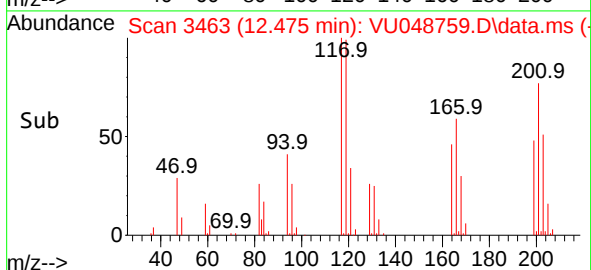
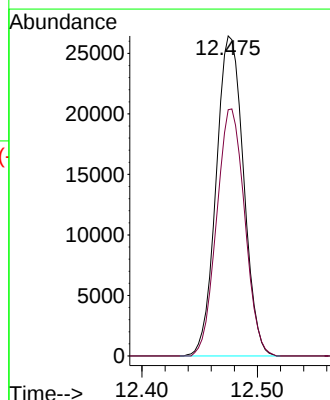
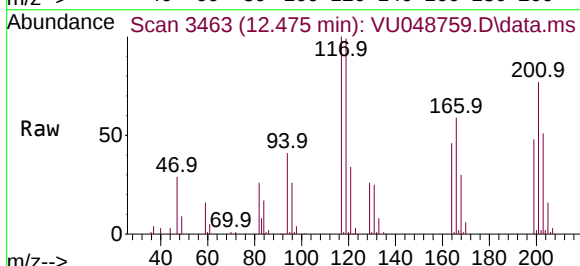
Acq: 31 May 2022 23:50

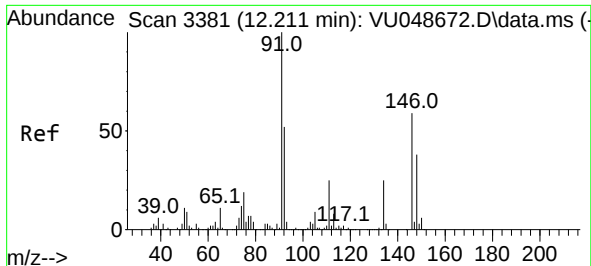
Tgt Ion:117 Resp: 43592

Ion Ratio Lower Upper

117 100

201 79.0 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 20.612 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD02

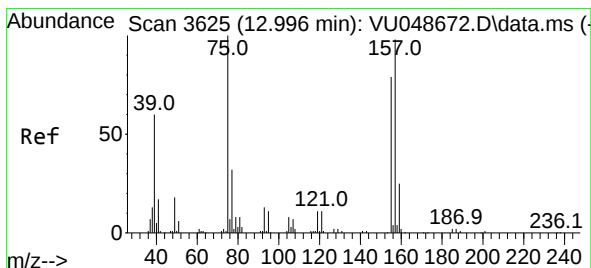
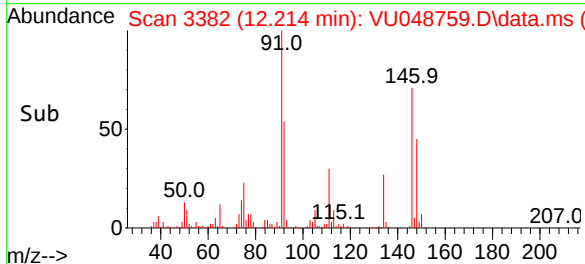
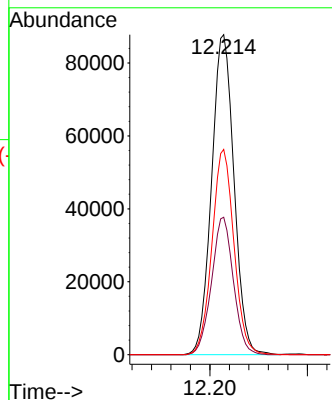
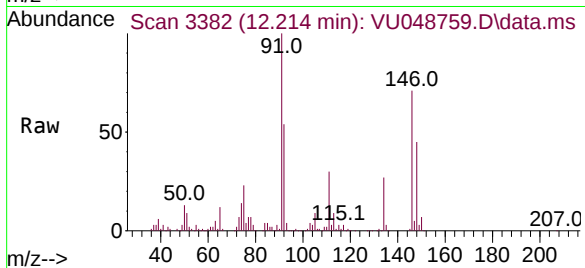
Tgt Ion:146 Resp: 140134

Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

148 63.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.514 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048759.D

Acq: 31 May 2022 23:50

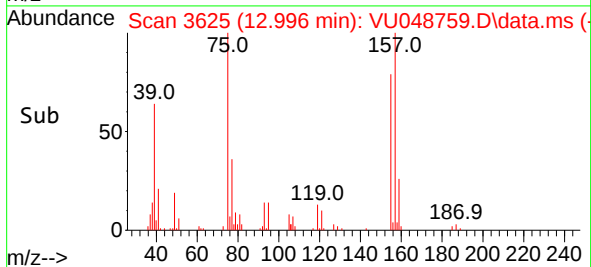
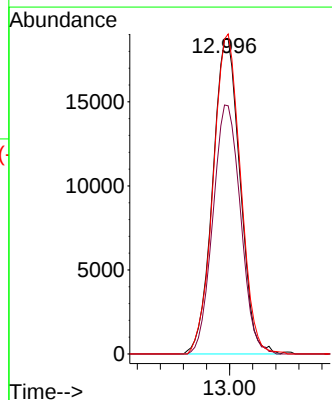
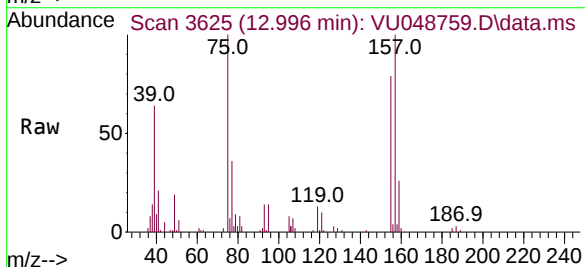
Tgt Ion: 75 Resp: 30807

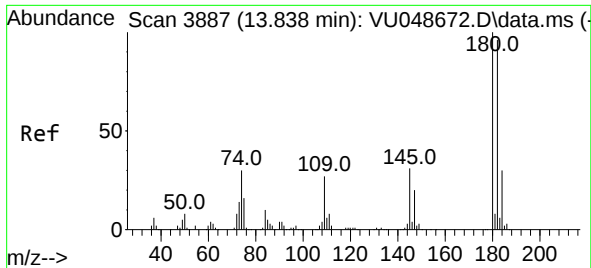
Ion Ratio Lower Upper

75 100

155 79.8 40.3 120.8

157 101.5 50.0 150.0

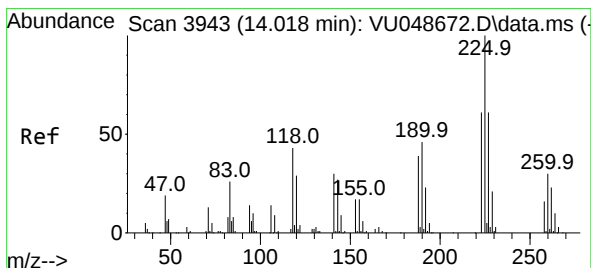
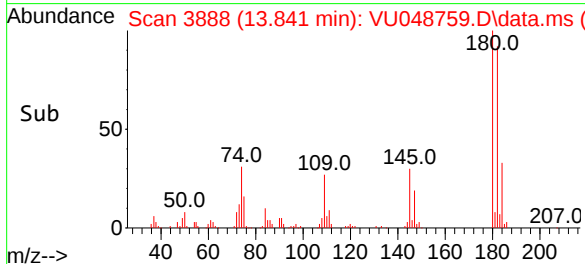
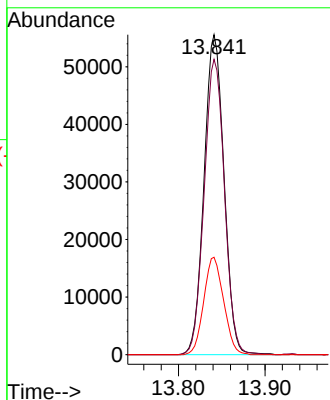
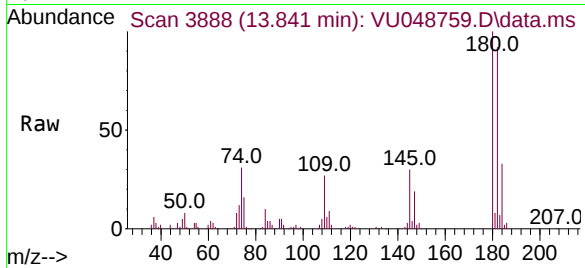




#93
1,2,4-Trichlorobenzene
Concen: 19.928 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

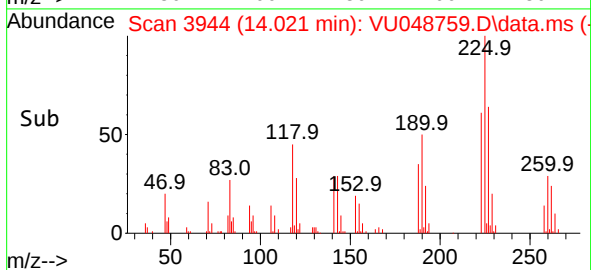
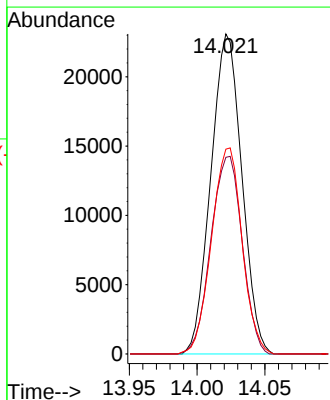
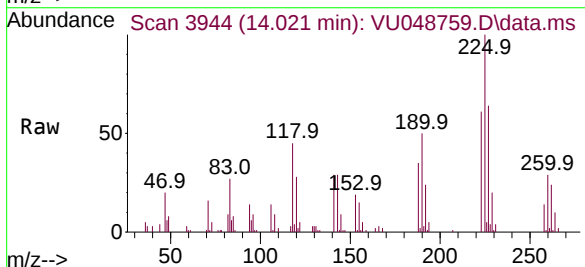
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

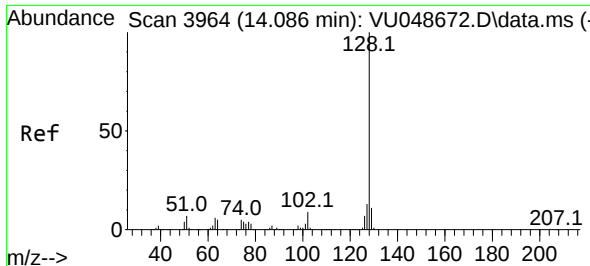
Tgt Ion:180 Resp: 88905
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.9
145 30.3 15.6 46.7



#94
Hexachlorobutadiene
Concen: 17.157 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:225 Resp: 36689
Ion Ratio Lower Upper
225 100
223 62.5 30.9 92.8
227 63.4 31.1 93.5

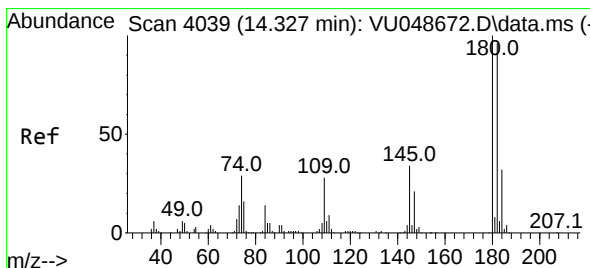
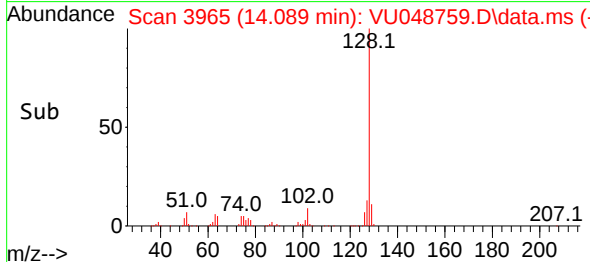
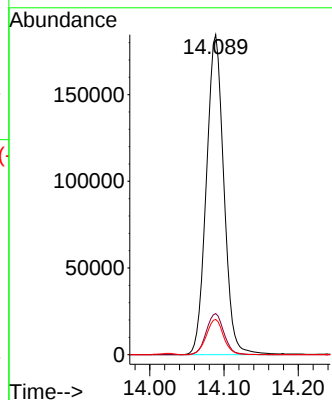
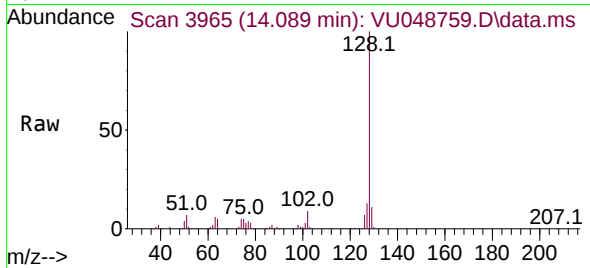




#95
Naphthalene
Concen: 20.900 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD02

Tgt Ion:128 Resp: 301499
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.915 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048759.D
Acq: 31 May 2022 23:50

Tgt Ion:180 Resp: 92420
Ion Ratio Lower Upper
180 100
182 93.3 47.4 142.2
145 32.2 16.6 49.8

