

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048761.D
 Acq On : 01 Jun 2022 00:37
 Operator : SY/MD
 Sample : VU0531MBS02
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531MBS02

Quant Time: Jun 01 02:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	220717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	386747	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	354308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	191769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	185453	55.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.900%	
35) Dibromofluoromethane	5.288	113	140326	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	7.899	98	499629	50.516	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	10.632	95	190504	50.930	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48037	19.012	ug/l	97
3) Chloromethane	1.523	50	60293	18.536	ug/l	99
4) Vinyl Chloride	1.604	62	63848	21.194	ug/l	100
5) Bromomethane	1.851	94	26403	12.436	ug/l	97
6) Chloroethane	1.932	64	38378	21.804	ug/l	97
7) Trichlorofluoromethane	2.137	101	87934	20.438	ug/l	98
8) Diethyl Ether	2.375	74	34904	21.983	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.581	101	48664	20.663	ug/l	96
10) Methyl Iodide	2.719	142	65311	20.552	ug/l	96
11) Tert butyl alcohol	3.173	59	94620	112.592	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	47615	21.196	ug/l	98
13) Acrolein	2.485	56	17732	60.450	ug/l	99
14) Allyl chloride	2.922	41	92652	21.294	ug/l	97
15) Acrylonitrile	3.311	53	222165	121.892	ug/l	98
16) Acetone	2.623	43	191901	113.599	ug/l	98
17) Carbon Disulfide	2.790	76	128929	19.660	ug/l	99
18) Methyl Acetate	2.948	43	118175	27.863	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	191623	22.481	ug/l	98
20) Methylene Chloride	3.044	84	64558	22.473	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	52978	20.617	ug/l	91
22) Diisopropyl ether	3.993	45	197713	24.634	ug/l	99
23) Vinyl Acetate	3.954	43	806452	115.973	ug/l	98
24) 1,1-Dichloroethane	3.870	63	113790	22.574	ug/l	99
25) 2-Butanone	4.700	43	298876	123.156	ug/l	99
26) 2,2-Dichloropropane	4.665	77	58531	12.943	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	64833	21.797	ug/l	94
28) Bromochloromethane	4.973	49	51571	26.083	ug/l	98
29) Tetrahydrofuran	5.050	42	196097	128.283	ug/l	97
30) Chloroform	5.089	83	113851	22.573	ug/l	98
31) Cyclohexane	5.388	56	89041	21.315	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	92844	20.290	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76138	18.907	ug/l	99
37) Ethyl Acetate	4.803	43	103343	20.300	ug/l	98
38) Carbon Tetrachloride	5.526	117	82994	17.964	ug/l	98
39) Methylcyclohexane	6.764	83	78586	18.612	ug/l	99
40) Benzene	5.774	78	230227	19.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	57667	22.416	ug/l	99
42) 1,2-Dichloroethane	5.796	62	90878	19.528	ug/l	98
43) Isopropyl Acetate	5.909	43	155855	21.093	ug/l	99
44) Trichloroethene	6.542	130	56798	18.544	ug/l	97
45) 1,2-Dichloropropane	6.793	63	65299	21.817	ug/l	100
46) Dibromomethane	6.919	93	45883	20.519	ug/l	98
47) Bromodichloromethane	7.105	83	91341	20.199	ug/l	97
48) Methyl methacrylate	6.960	41	75388	22.728	ug/l	98
49) 1,4-Dioxane	6.960	88	31857	429.633	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	566645	118.107	ug/l	99
52) Toluene	7.970	92	144048	20.257	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	91901	18.840	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	96571	19.105	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	64224	20.464	ug/l	99
56) Ethyl methacrylate	8.333	69	98397	21.417	ug/l	99
57) 1,3-Dichloropropane	8.574	76	110912	20.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	84790	96.371	ug/l	97
59) 2-Hexanone	8.684	43	444735	112.912	ug/l	99
60) Dibromochloromethane	8.809	129	69304	19.700	ug/l	99
61) 1,2-Dibromoethane	8.925	107	65640	18.991	ug/l	100
64) Tetrachloroethene	8.555	164	47791	18.731	ug/l	98
65) Chlorobenzene	9.449	112	153732	20.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	60223	21.172	ug/l	99
67) Ethyl Benzene	9.571	91	267741	21.184	ug/l	99
68) m/p-Xylenes	9.693	106	209272	42.336	ug/l	98
69) o-Xylene	10.102	106	104106	21.437	ug/l	98
70) Styrene	10.115	104	174110	21.796	ug/l	98
71) Bromoform	10.291	173	56285	21.402	ug/l #	99
73) Isopropylbenzene	10.484	105	270741	21.868	ug/l	99
74) N-amyl acetate	10.320	43	127618	21.823	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	115268	22.815	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	128060	20.711	ug/l	98
77) Bromobenzene	10.783	156	71872	21.616	ug/l	99
78) n-propylbenzene	10.906	91	323589	21.935	ug/l	99
79) 2-Chlorotoluene	10.986	91	197884	21.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	234618	21.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	29714	17.449	ug/l	96
82) 4-Chlorotoluene	11.095	91	234088	22.115	ug/l	98
83) tert-Butylbenzene	11.420	119	227722	22.038	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	235517	21.003	ug/l	99
85) sec-Butylbenzene	11.645	105	284363	21.997	ug/l	99
86) p-Isopropyltoluene	11.793	119	242617	21.855	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	136789	20.983	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	138088	20.503	ug/l	99
89) n-Butylbenzene	12.211	91	205847	19.900	ug/l	100
90) Hexachloroethane	12.475	117	43908	19.380	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	133881	20.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30535	20.991	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	87237	20.187	ug/l	98
94) Hexachlorobutadiene	14.021	225	35836	17.301	ug/l	97
95) Naphthalene	14.089	128	303910	21.646	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	89878	20.998	ug/l	99

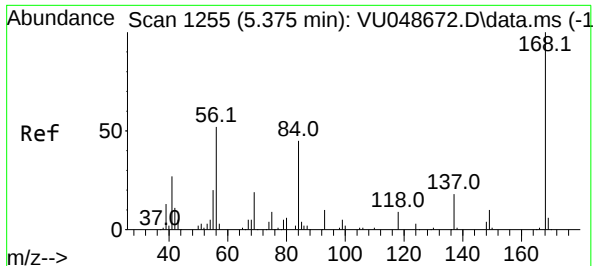
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QLast Update : Fri May 27 06:42:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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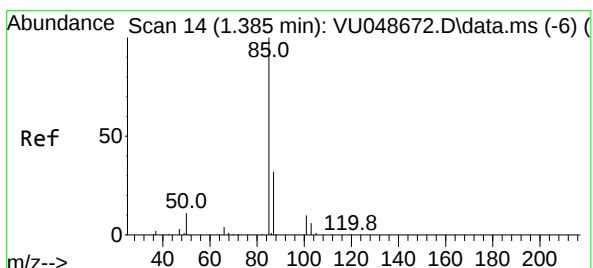
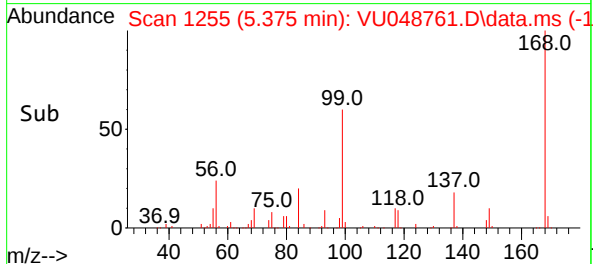
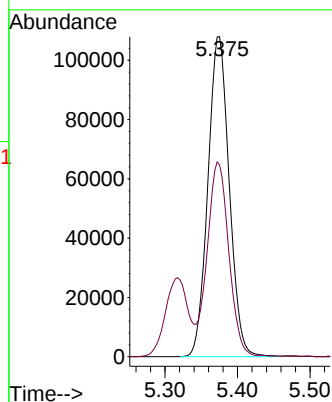
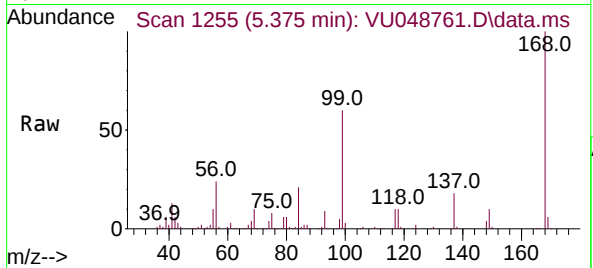
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

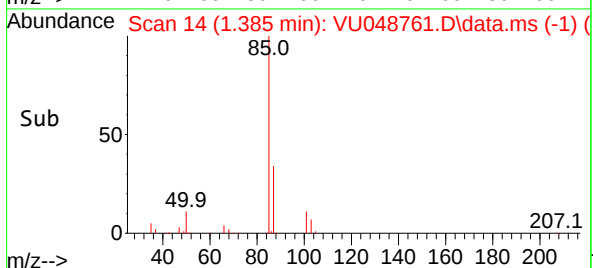
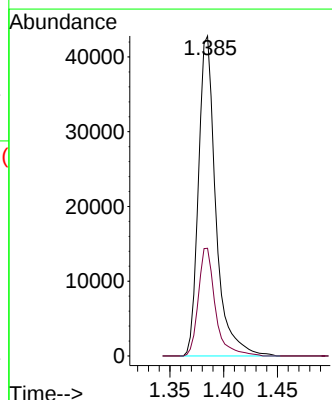
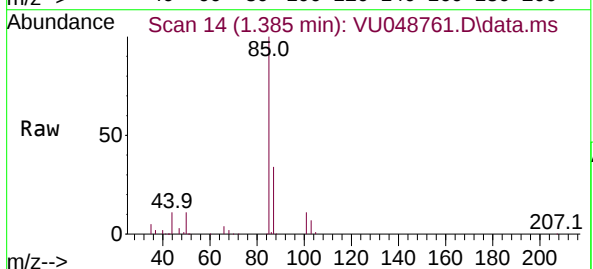
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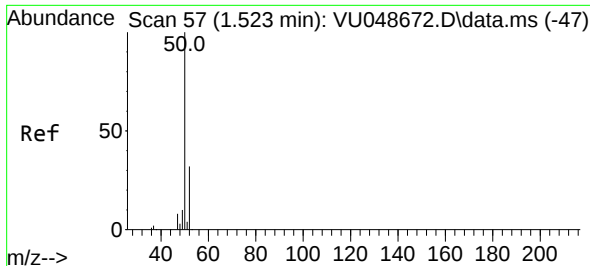
Tgt Ion:168 Resp: 220717
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 19.012 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 85 Resp: 48037
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

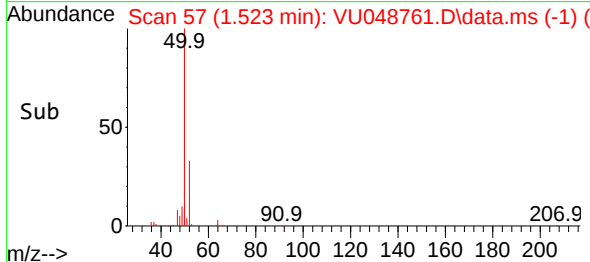
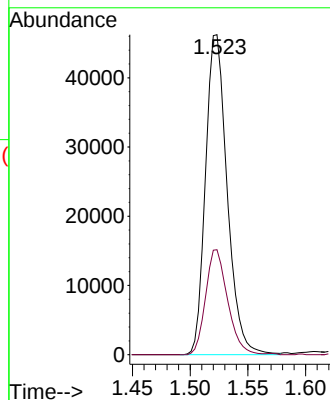
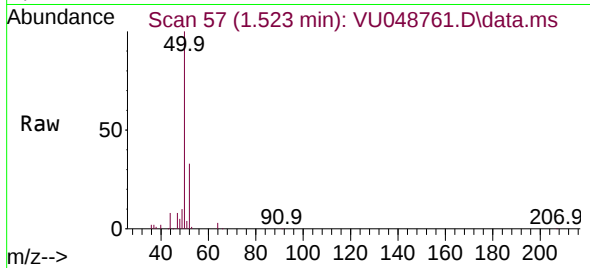




#3
Chloromethane
Concen: 18.536 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

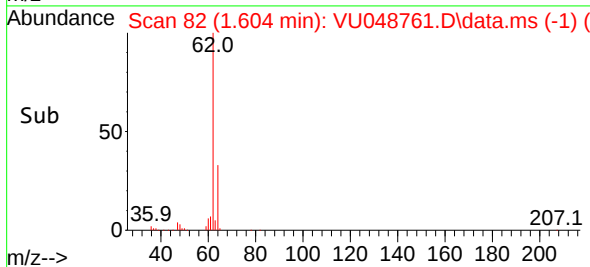
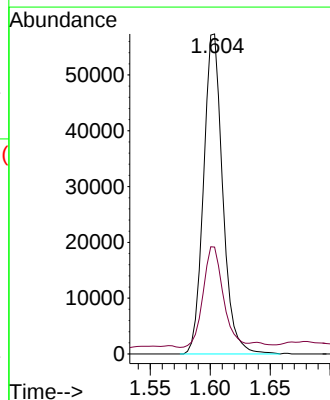
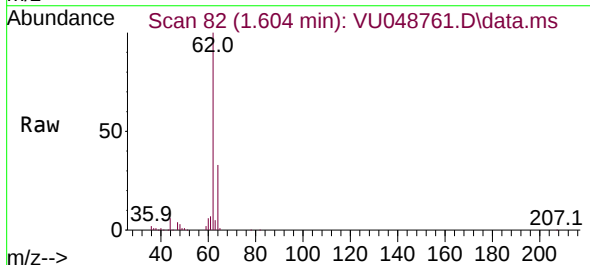
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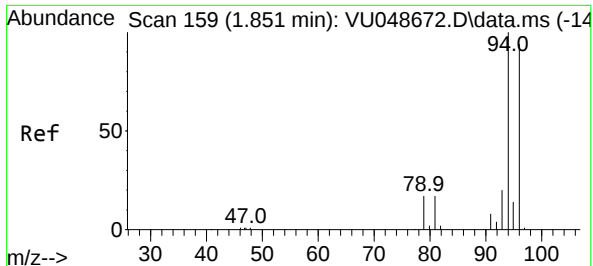
Tgt Ion: 50 Resp: 60293
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 21.194 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 62 Resp: 63848
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

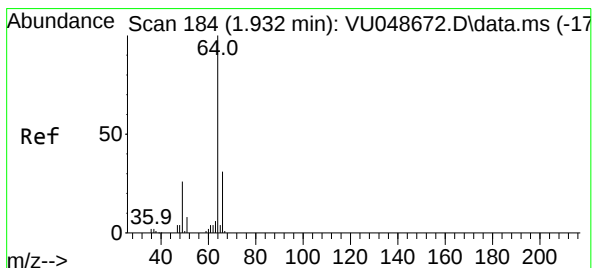
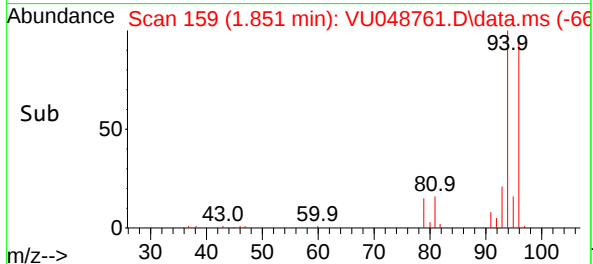
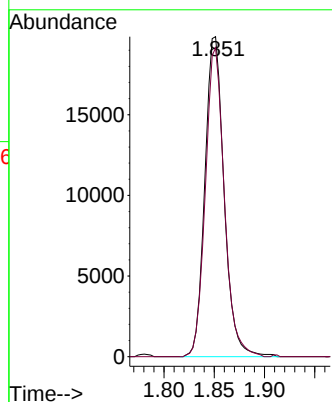
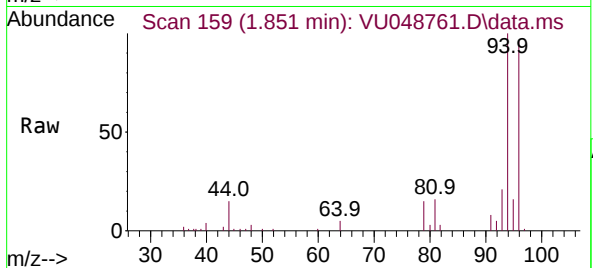




#5
Bromomethane
Concen: 12.436 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

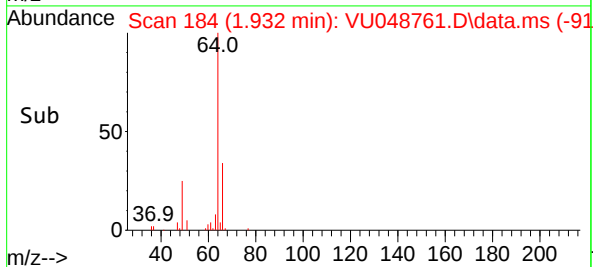
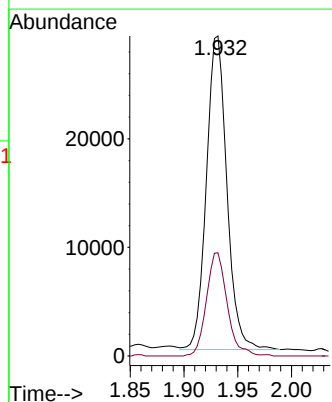
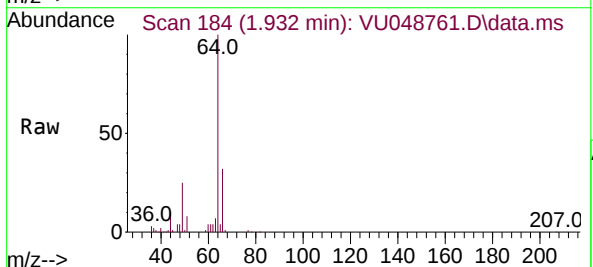
Instrument :
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ClientSampleId :
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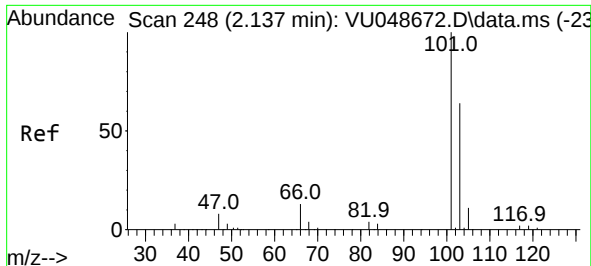
Tgt Ion: 94 Resp: 26403
Ion Ratio Lower Upper
94 100
96 96.5 75.1 112.7



#6
Chloroethane
Concen: 21.804 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 64 Resp: 38378
Ion Ratio Lower Upper
64 100
66 32.9 25.2 37.8

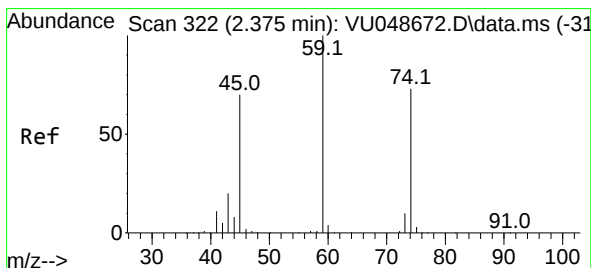
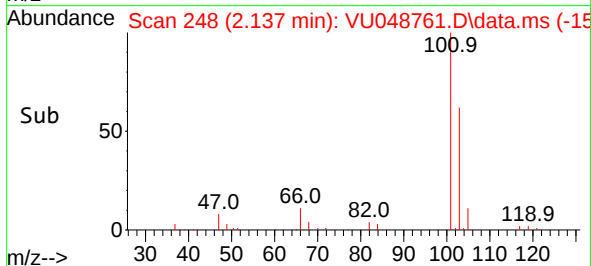
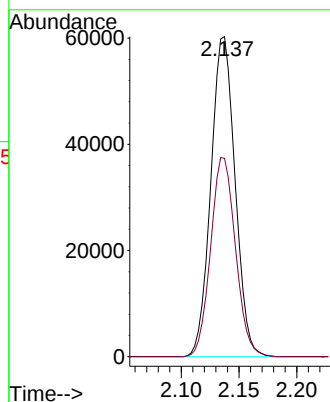
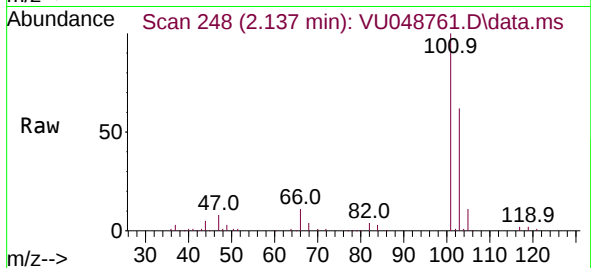




#7
 Trichlorofluoromethane
 Concen: 20.438 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

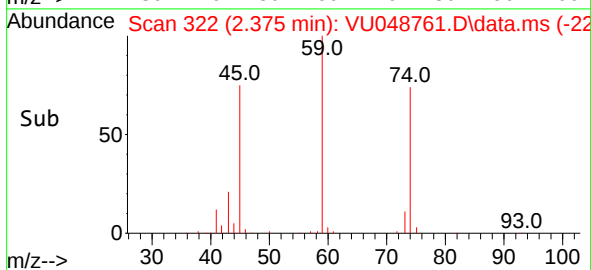
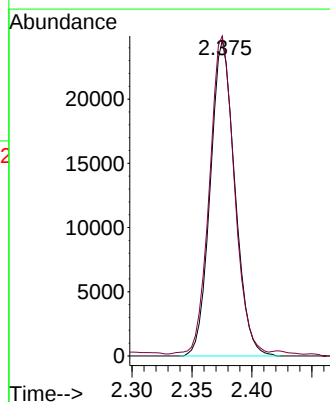
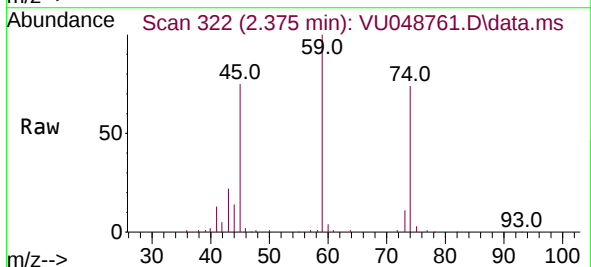
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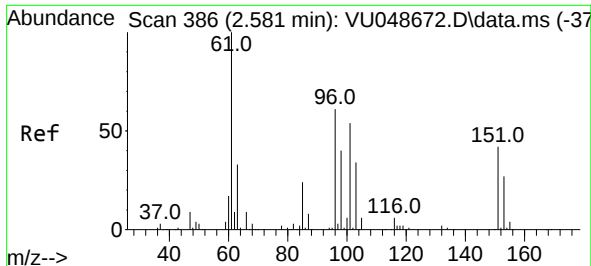
Tgt Ion:101 Resp: 87934
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.0 76.4



#8
 Diethyl Ether
 Concen: 21.983 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

Tgt Ion: 74 Resp: 34904
 Ion Ratio Lower Upper
 74 100
 45 101.9 47.7 143.1

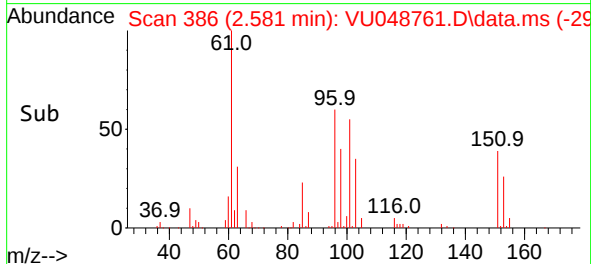
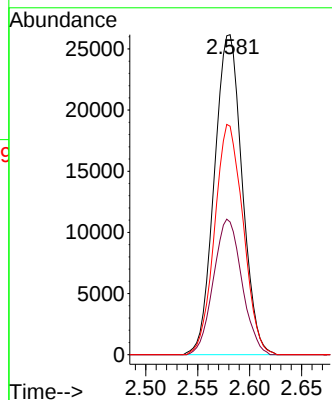
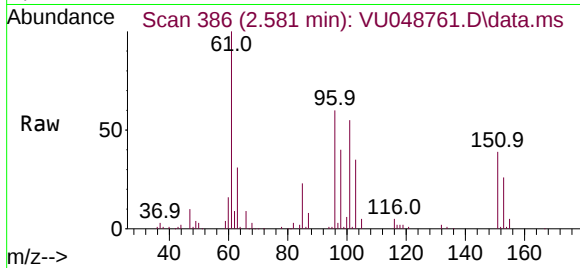




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.663 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048761.D
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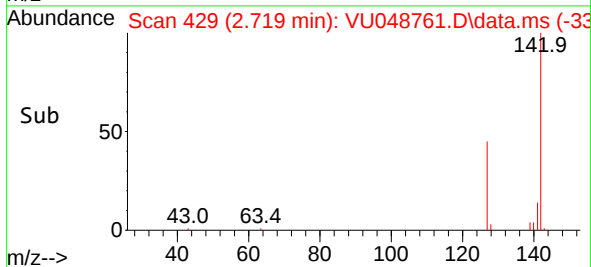
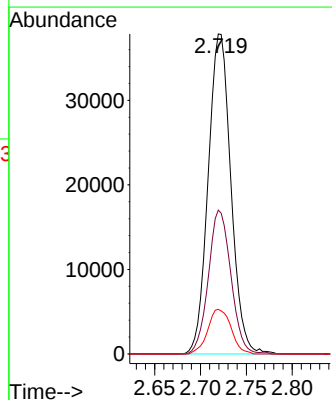
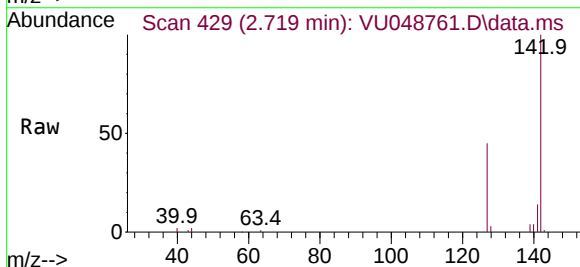
Instrument :
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ClientSampleId :
VU0531MBSD02

Tgt Ion:101 Resp: 48664
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 73.9 62.5 93.7



#10
Methyl Iodide
Concen: 20.552 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:142 Resp: 65311
Ion Ratio Lower Upper
142 100
127 44.4 38.4 57.6
141 14.3 11.5 17.3

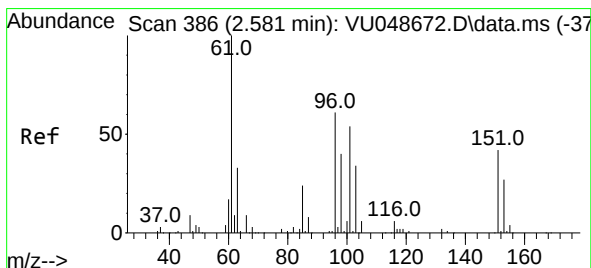
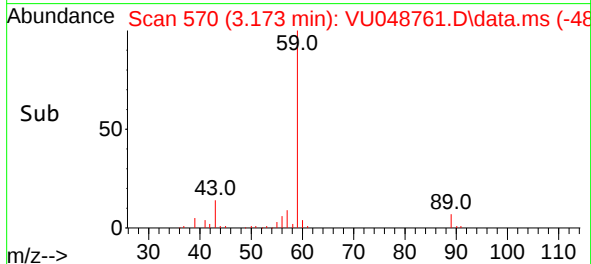
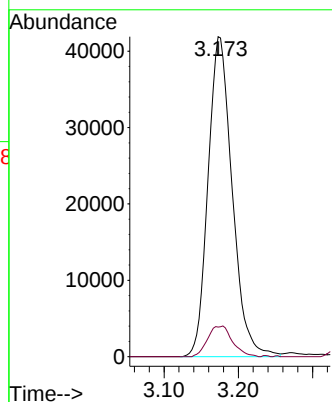
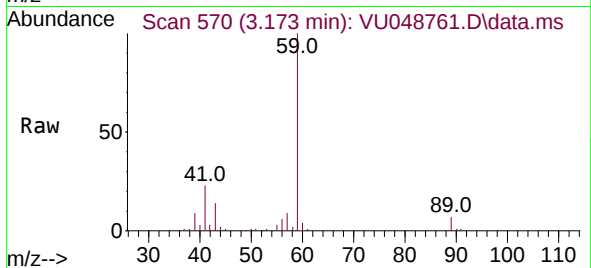




#11
Tert butyl alcohol
Concen: 112.592 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

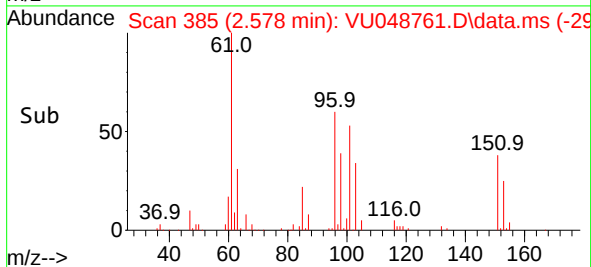
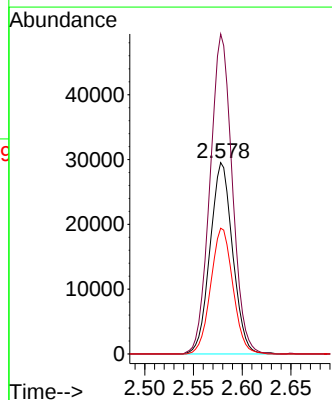
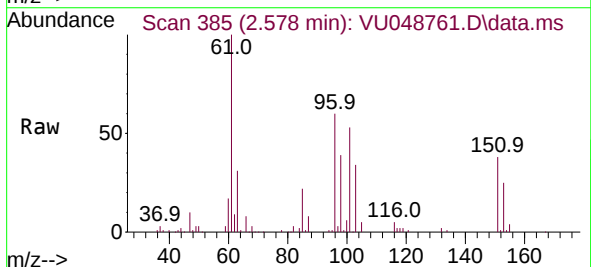
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

Tgt Ion: 59 Resp: 94620
Ion Ratio Lower Upper
59 100
57 9.9 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 21.196 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 96 Resp: 47615
Ion Ratio Lower Upper
96 100
61 167.2 131.1 196.7
98 65.7 51.8 77.8

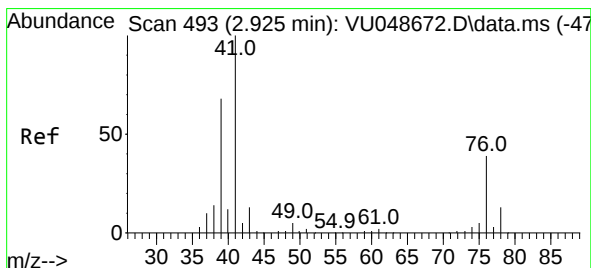
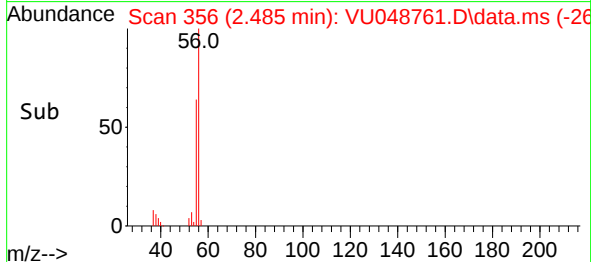
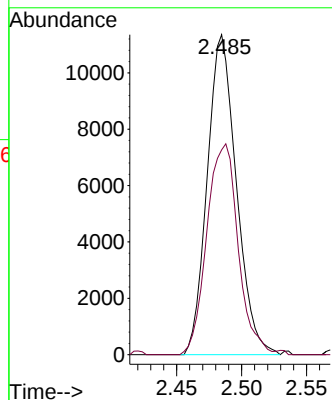
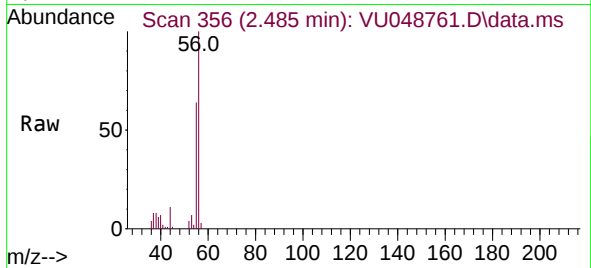




#13
Acrolein
Concen: 60.450 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

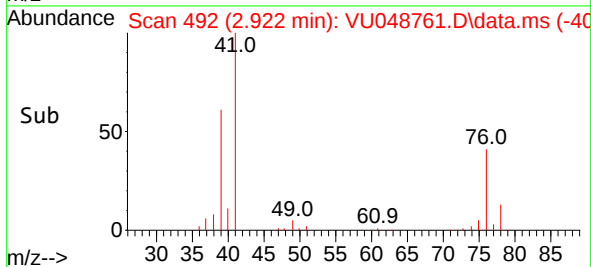
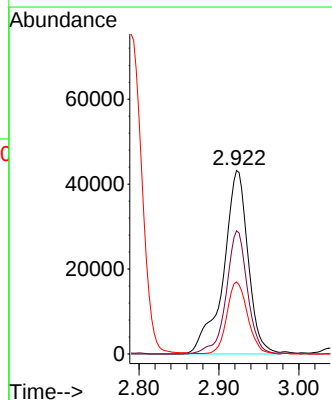
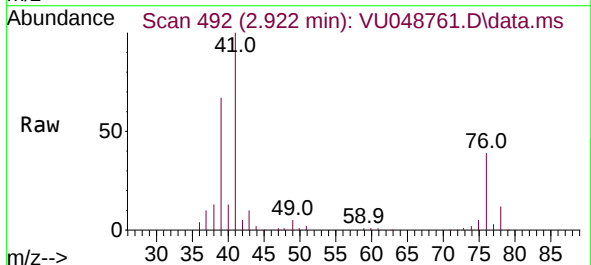
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBS02

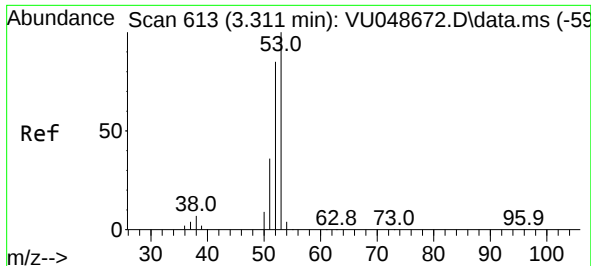
Tgt Ion: 56 Resp: 17732
Ion Ratio Lower Upper
56 100
55 71.0 57.7 86.5



#14
Allyl chloride
Concen: 21.294 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 41 Resp: 92652
Ion Ratio Lower Upper
41 100
39 58.0 48.6 72.8
76 32.9 27.0 40.4

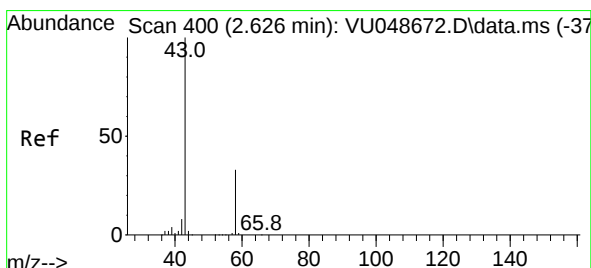
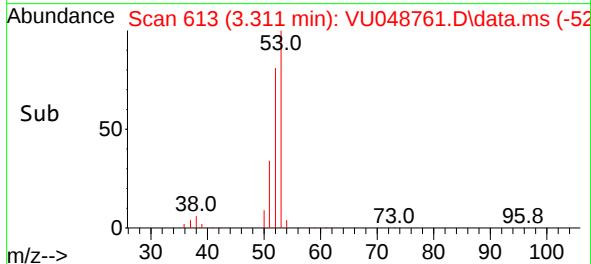
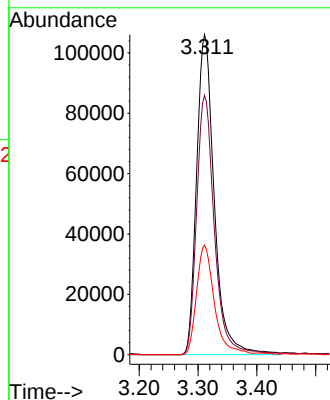
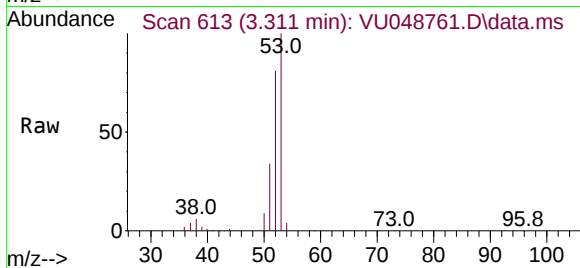




#15
Acrylonitrile
Concen: 121.892 ug/l
RT: 3.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

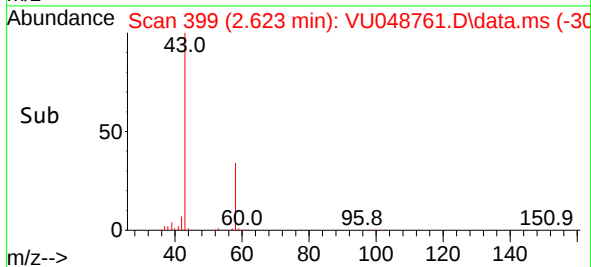
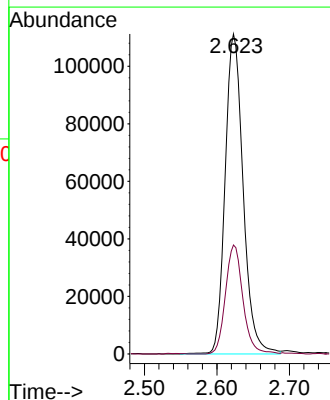
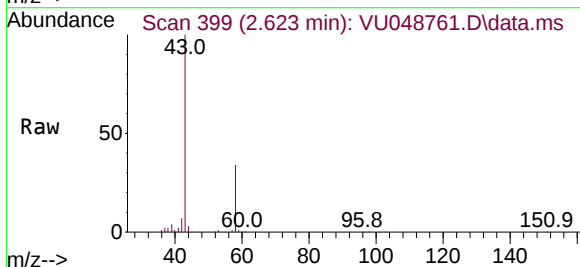
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

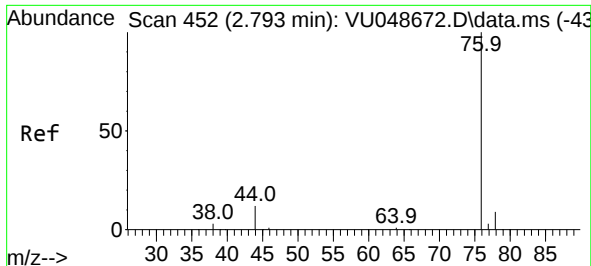
Tgt Ion: 53 Resp: 222165
Ion Ratio Lower Upper
53 100
52 80.7 66.3 99.5
51 34.5 28.6 42.8



#16
Acetone
Concen: 113.599 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 43 Resp: 191901
Ion Ratio Lower Upper
43 100
58 33.9 26.3 39.5

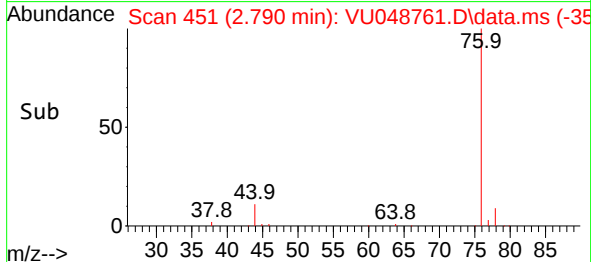
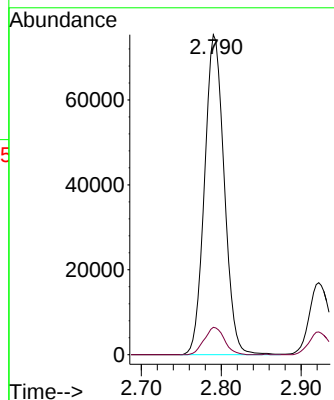
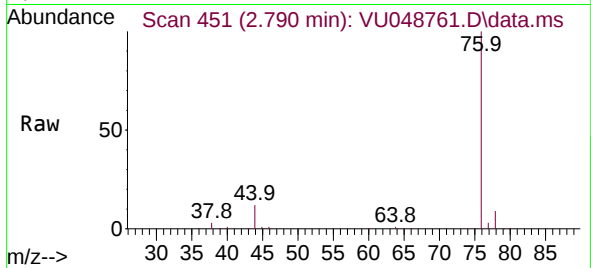




#17
Carbon Disulfide
Concen: 19.660 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

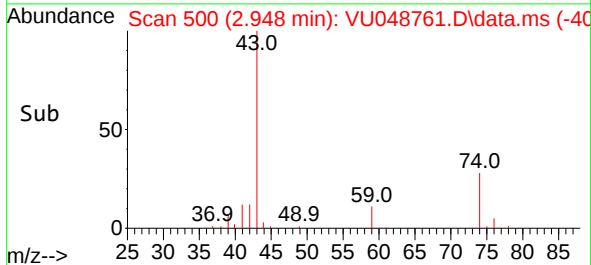
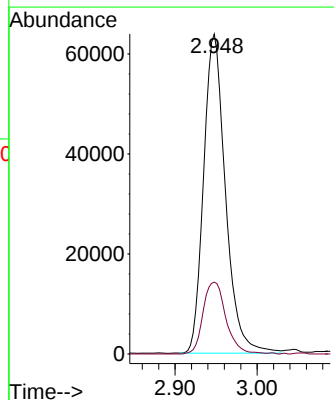
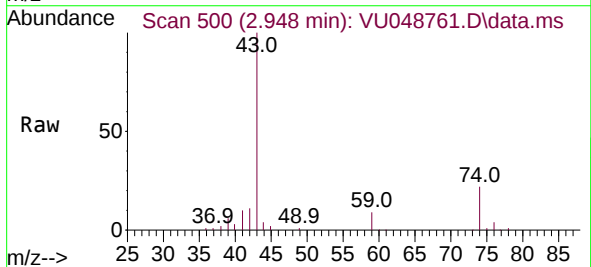
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

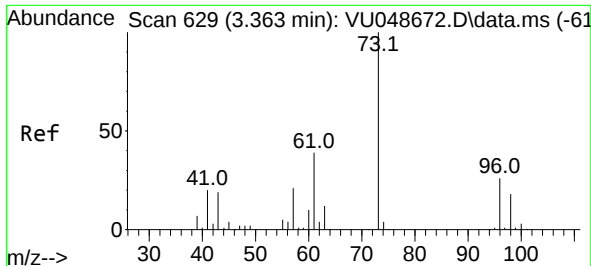
Tgt Ion: 76 Resp: 128929
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 27.863 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 43 Resp: 118175
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.481 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

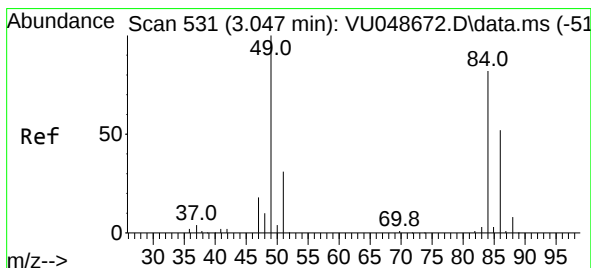
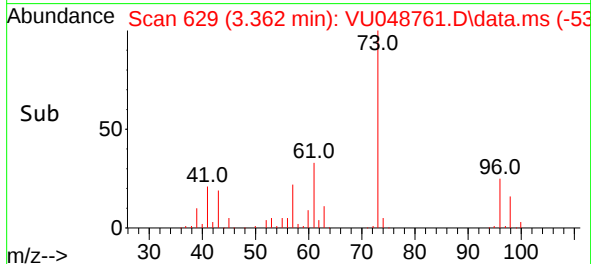
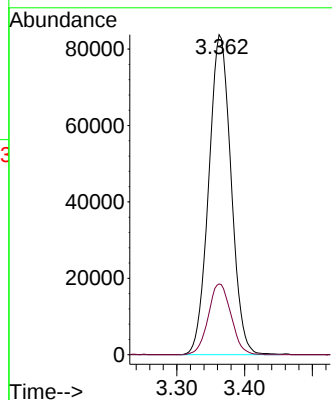
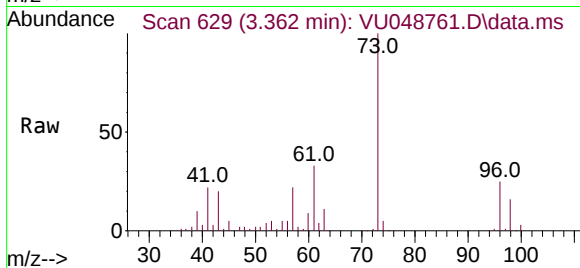
VU0531MBS02

Tgt Ion: 73 Resp: 191623

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



#20

Methylene Chloride

Concen: 22.473 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Tgt Ion: 84 Resp: 64558

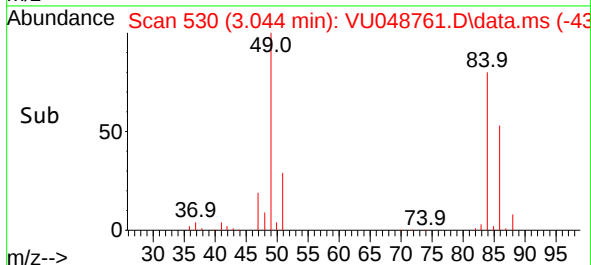
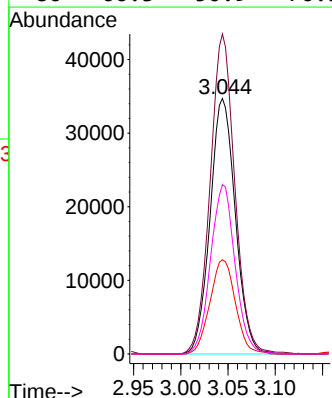
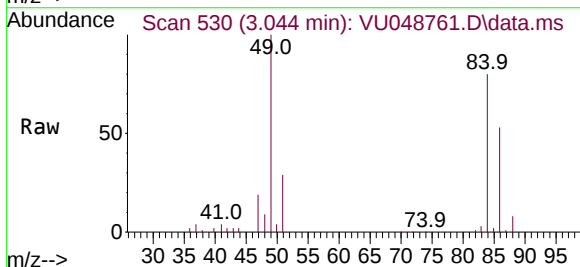
Ion Ratio Lower Upper

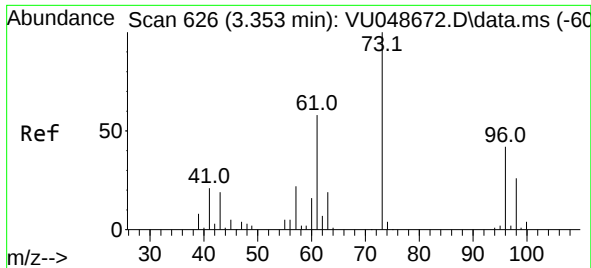
84 100

49 125.3 97.0 145.4

51 36.9 29.8 44.8

86 66.3 50.9 76.3

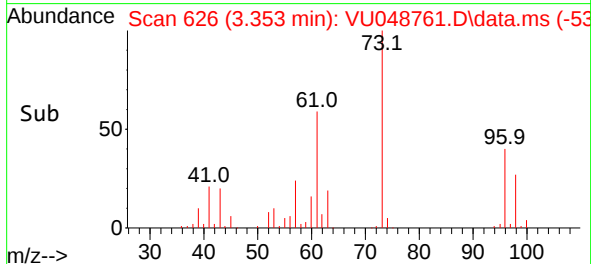
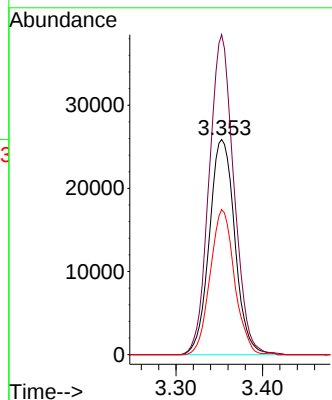
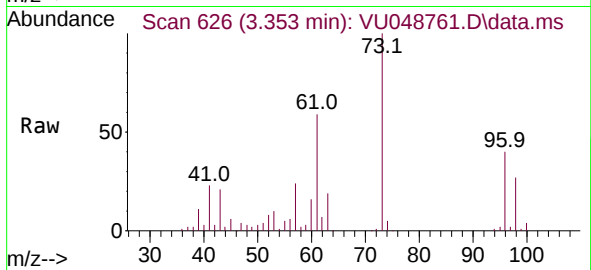




#21
trans-1,2-Dichloroethene
Concen: 20.617 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

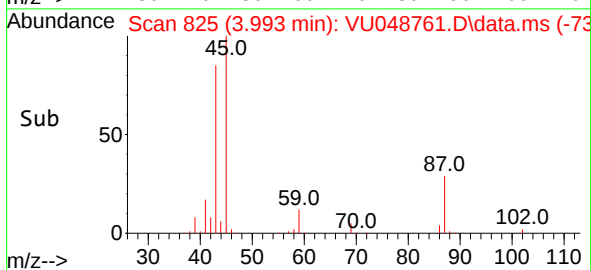
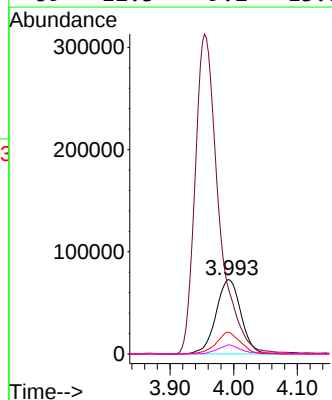
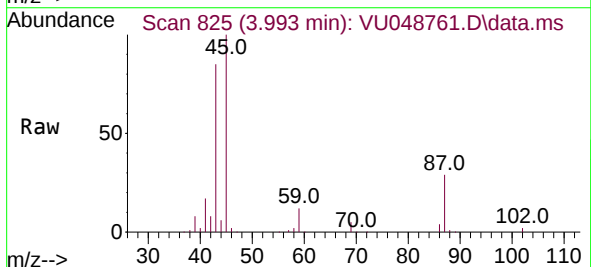
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

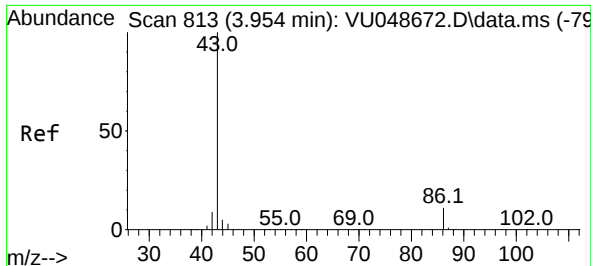
Tgt Ion: 96 Resp: 52978
Ion Ratio Lower Upper
96 100
61 148.6 109.4 164.2
98 67.4 48.9 73.3



#22
Diisopropyl ether
Concen: 24.634 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 45 Resp: 197713
Ion Ratio Lower Upper
45 100
43 82.6 65.2 97.8
87 29.0 22.7 34.1
59 12.3 9.2 13.8

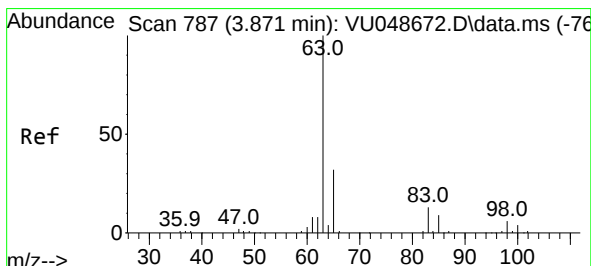
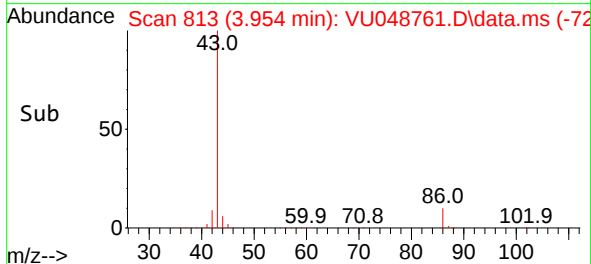
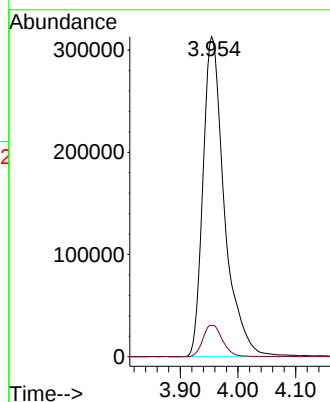
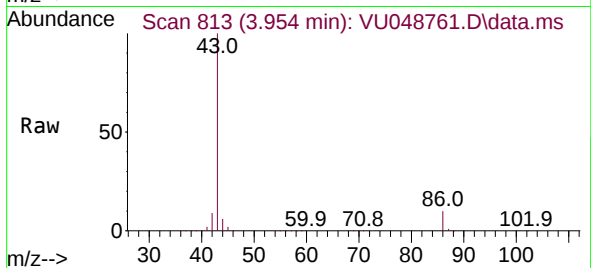




#23
 Vinyl Acetate
 Concen: 115.973 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

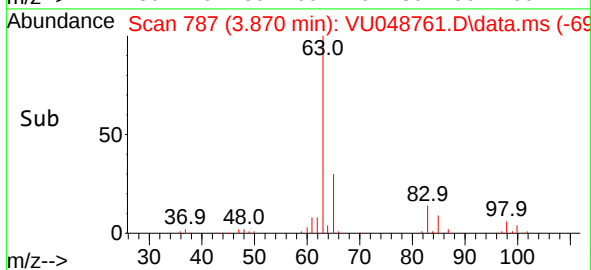
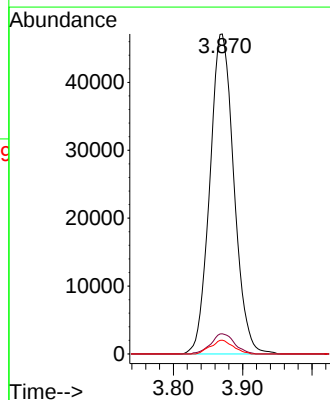
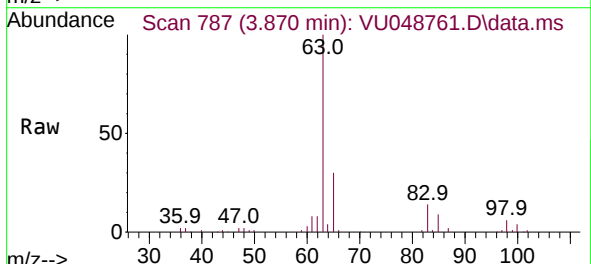
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531MBSD02

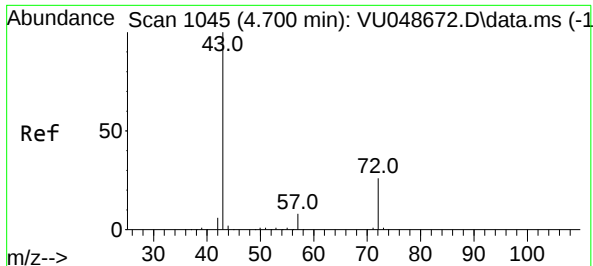
Tgt Ion: 43 Resp: 806452
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 22.574 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

Tgt Ion: 63 Resp: 113790
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 123.156 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

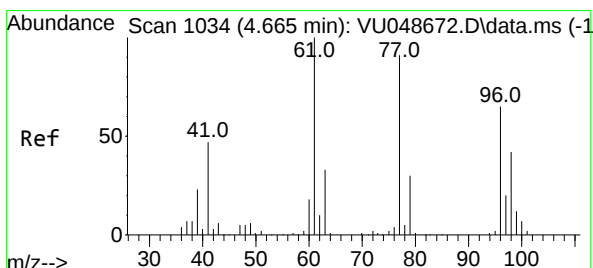
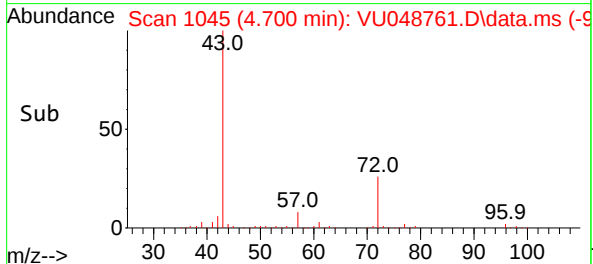
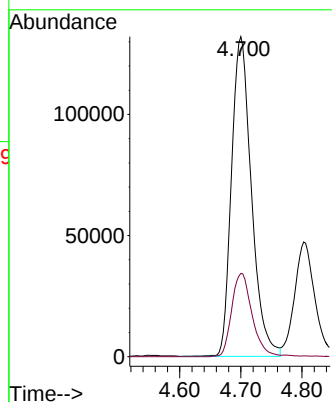
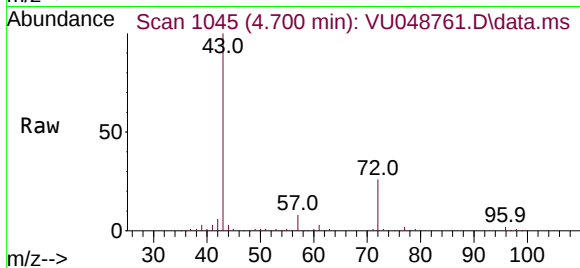
VU0531MBS02

Tgt Ion: 43 Resp: 298876

Ion Ratio Lower Upper

43 100

72 26.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 12.943 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048761.D

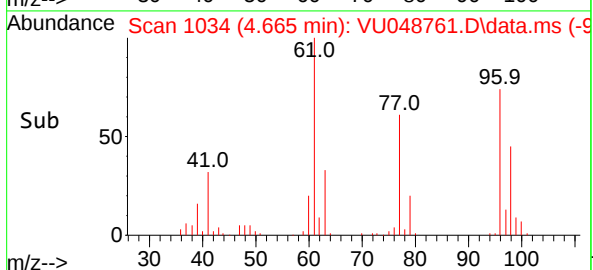
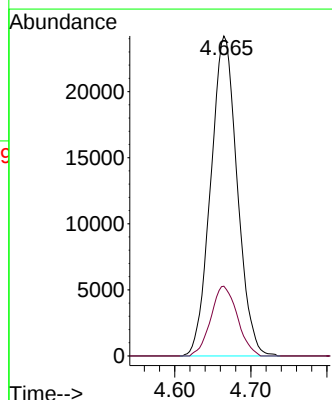
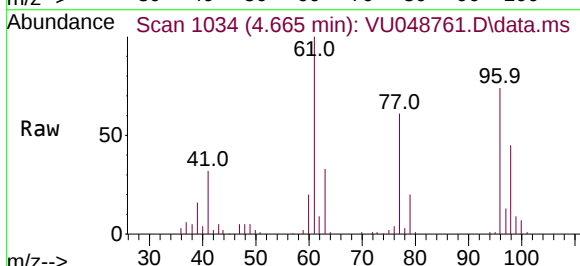
Acq: 01 Jun 2022 00:37

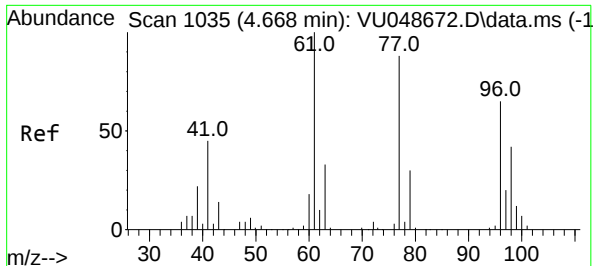
Tgt Ion: 77 Resp: 58531

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 21.797 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

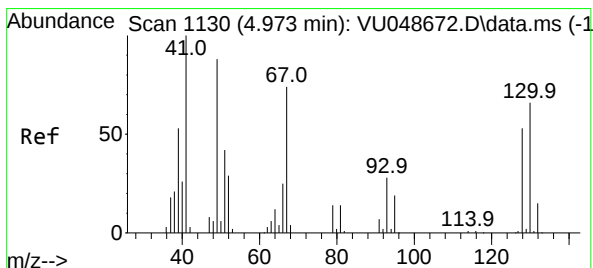
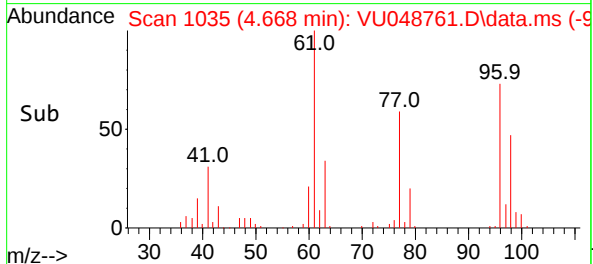
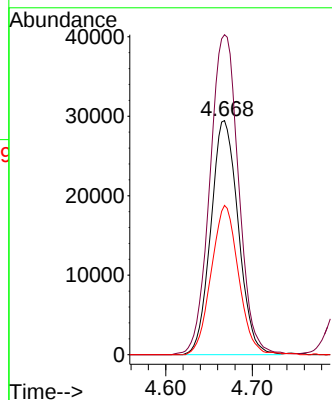
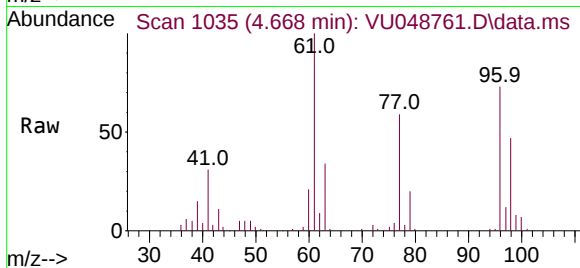
Tgt Ion: 96 Resp: 64833

Ion Ratio Lower Upper

96 100

61 143.2 0.0 306.2

98 63.5 0.0 130.4



#28

Bromochloromethane

Concen: 26.083 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

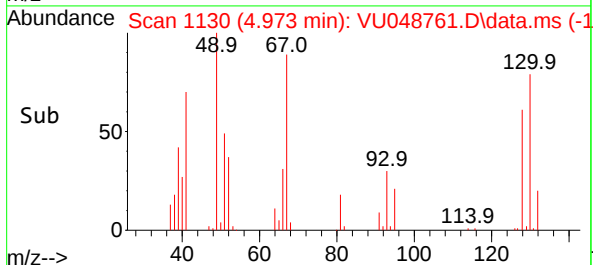
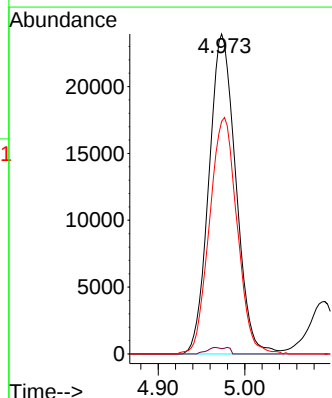
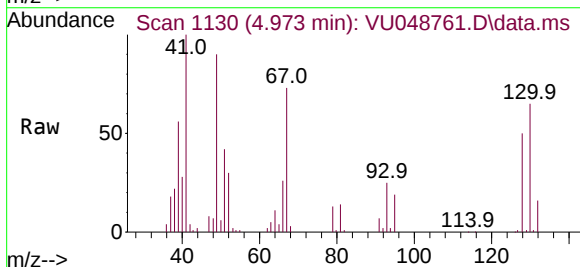
Tgt Ion: 49 Resp: 51571

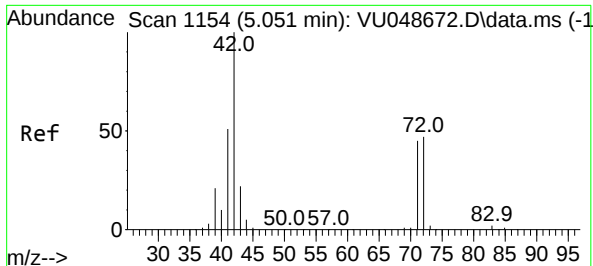
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 76.0 62.1 93.1





#29

Tetrahydrofuran

Concen: 128.283 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

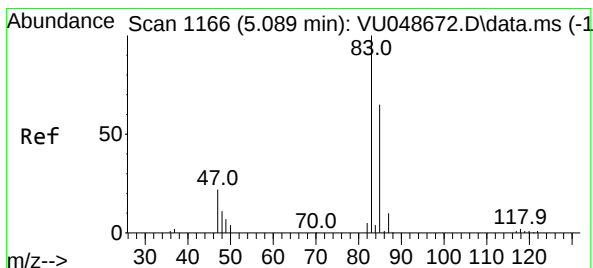
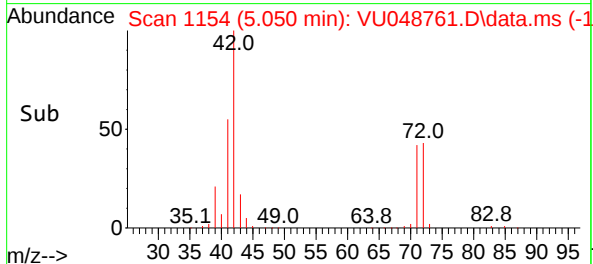
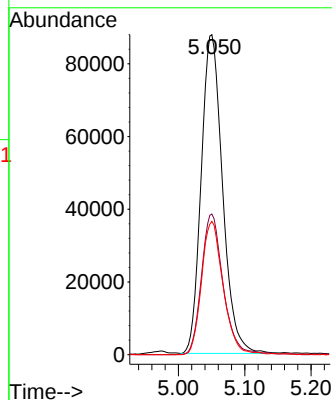
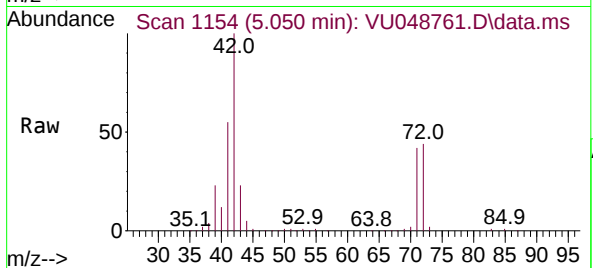
Tgt Ion: 42 Resp: 196097

Ion Ratio Lower Upper

42 100

72 44.7 37.6 56.4

71 42.2 35.0 52.4



#30

Chloroform

Concen: 22.573 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048761.D

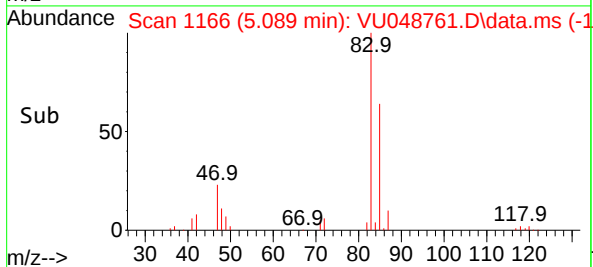
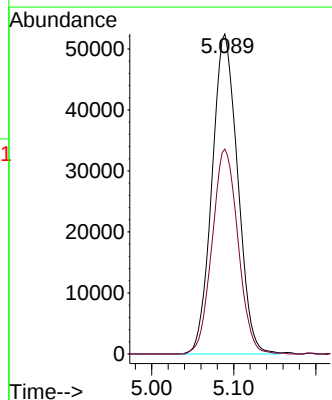
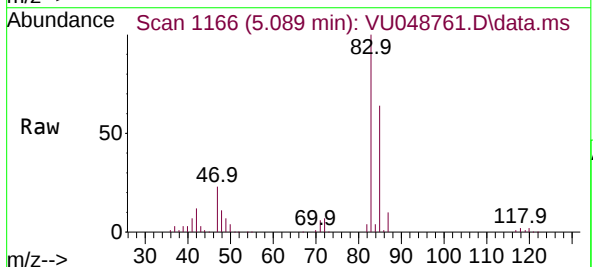
Acq: 01 Jun 2022 00:37

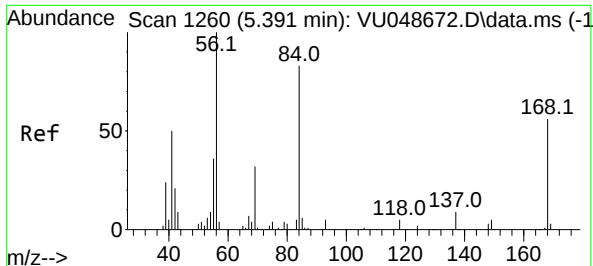
Tgt Ion: 83 Resp: 113851

Ion Ratio Lower Upper

83 100

85 64.0 52.2 78.2





#31

Cyclohexane

Concen: 21.315 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

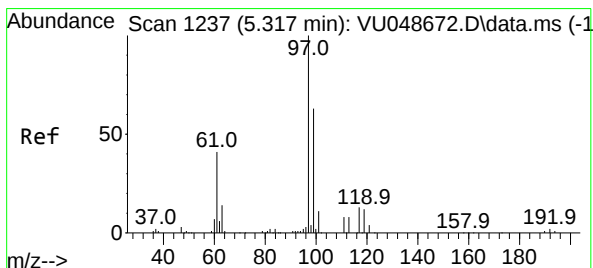
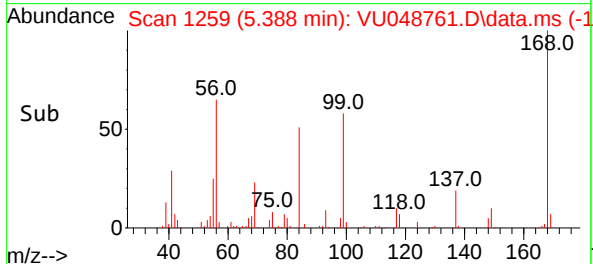
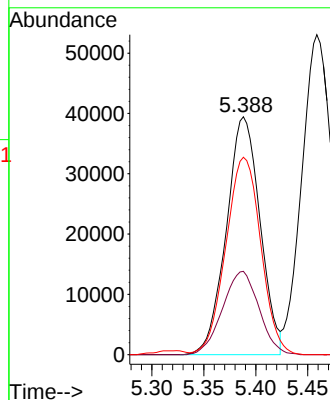
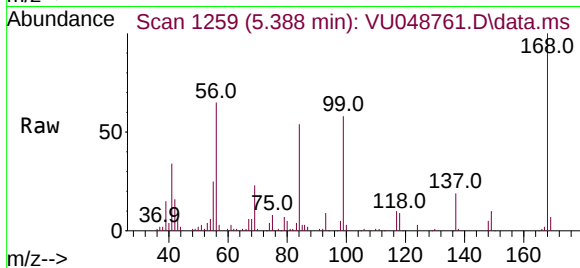
Tgt Ion: 56 Resp: 89041

Ion Ratio Lower Upper

56 100

69 35.1 25.6 38.4

84 81.4 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 20.290 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

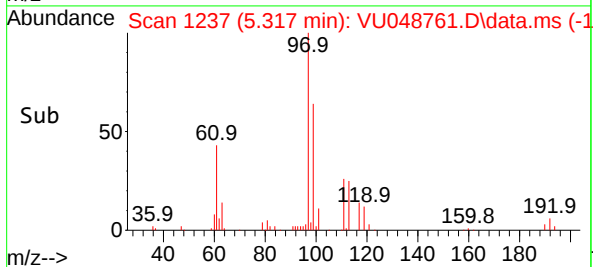
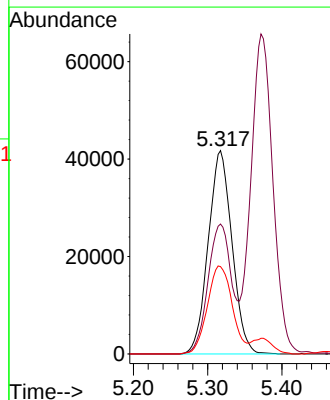
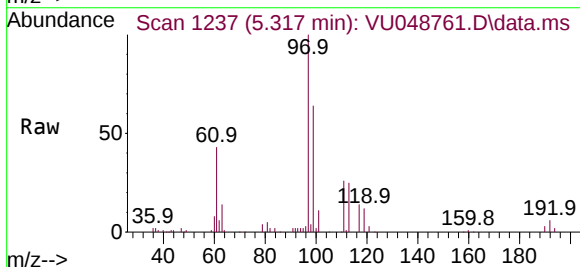
Tgt Ion: 97 Resp: 92844

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 45.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 55.948 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

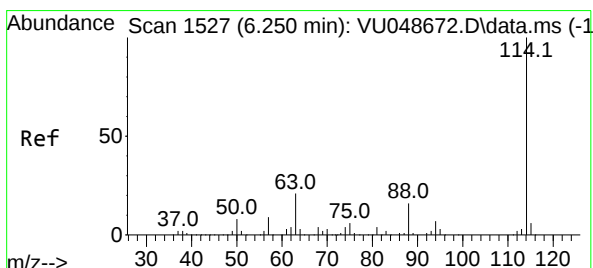
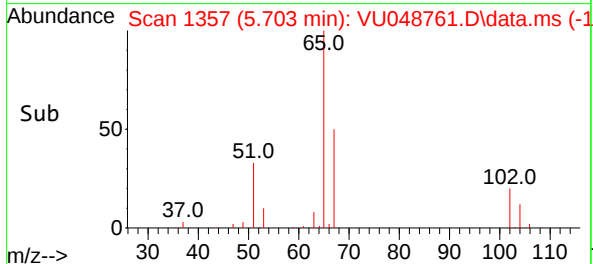
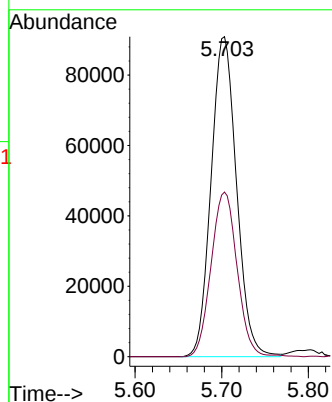
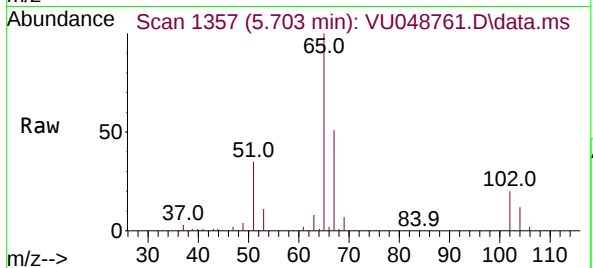
VU0531MBS02

Tgt Ion: 65 Resp: 185453

Ion Ratio Lower Upper

65 100

67 52.7 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: VU048761.D

Acq: 01 Jun 2022 00:37

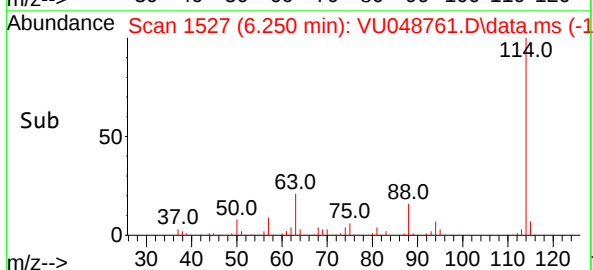
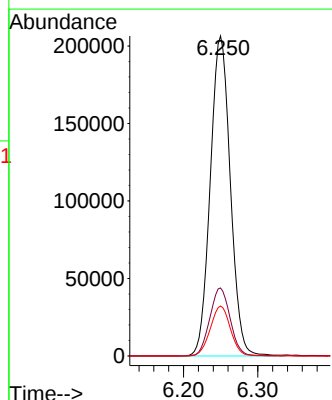
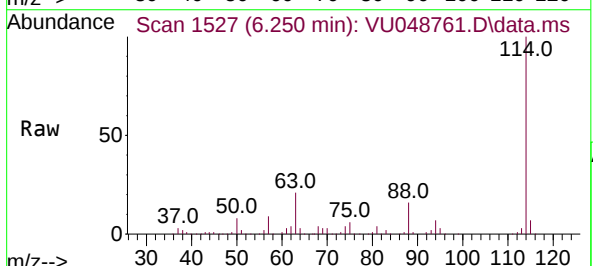
Tgt Ion: 114 Resp: 386747

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.6 0.0 32.2

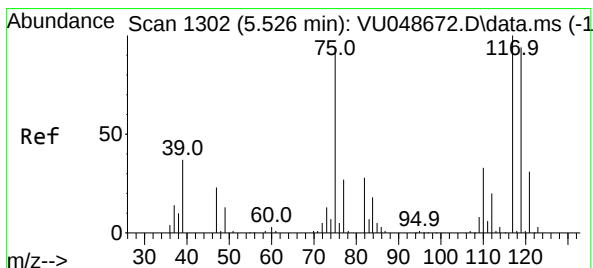
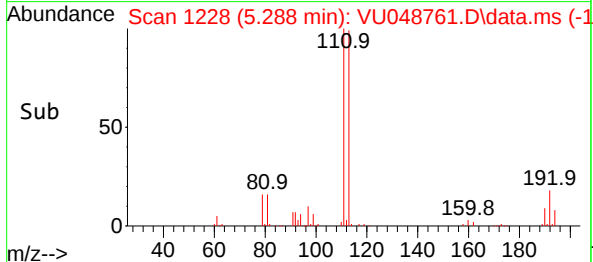
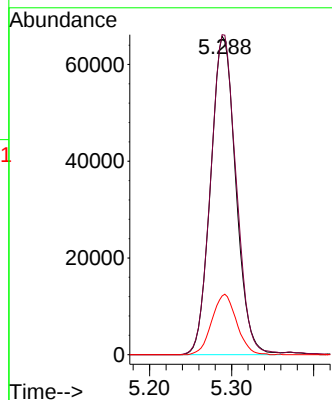
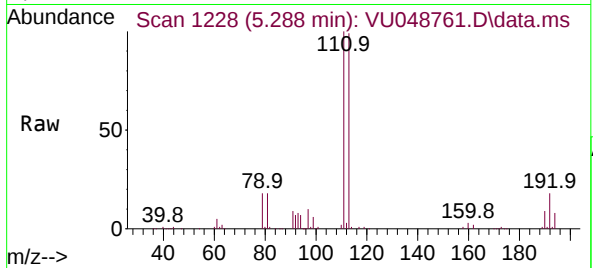




#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

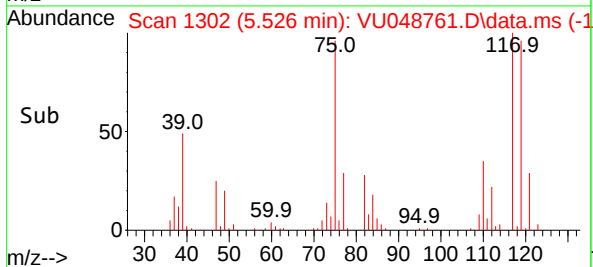
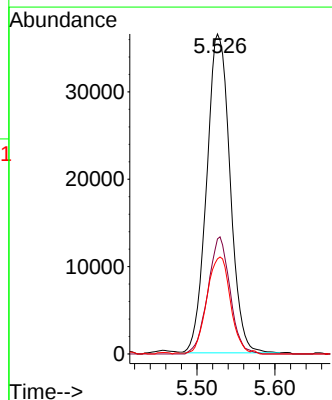
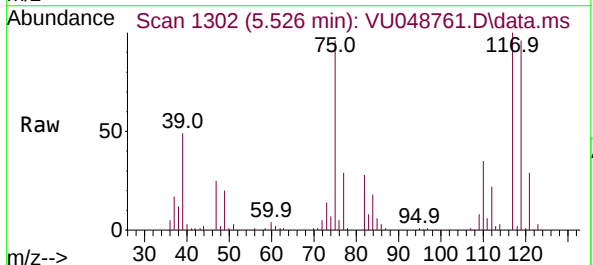
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

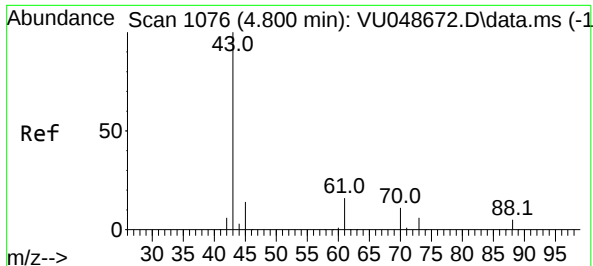
Tgt Ion:113 Resp: 140326
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.907 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 75 Resp: 76138
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 30.0 24.8 37.2





#37

Ethyl Acetate

Concen: 20.300 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBS02

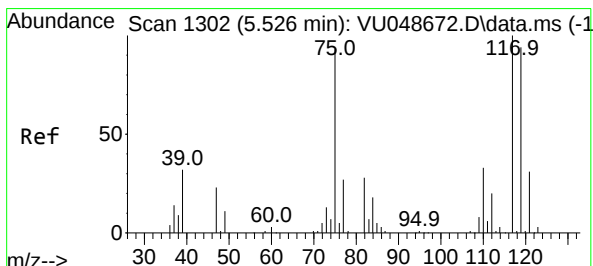
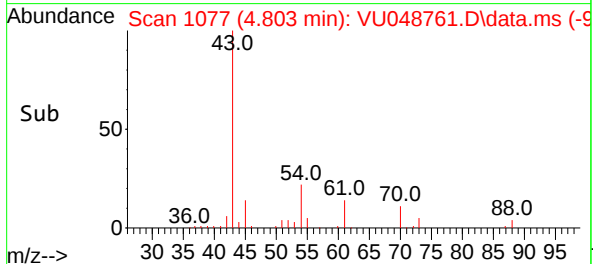
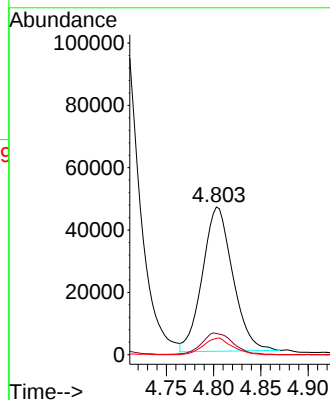
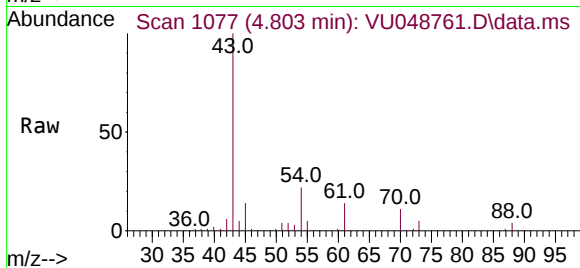
Tgt Ion: 43 Resp: 103343

Ion Ratio Lower Upper

43 100

61 15.7 11.7 17.5

70 10.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 17.964 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

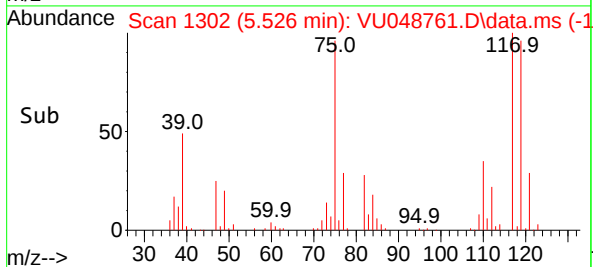
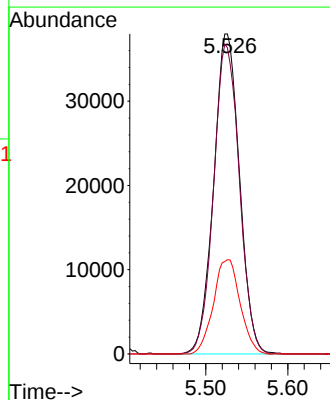
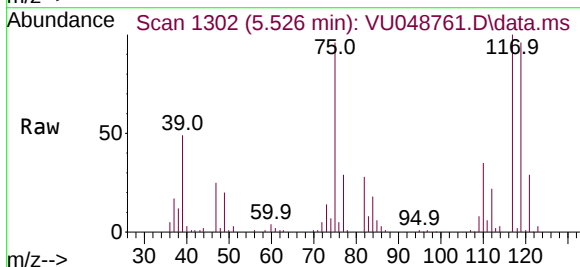
Tgt Ion: 117 Resp: 82994

Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.2

121 29.4 24.6 36.8





#39

Methylcyclohexane

Concen: 18.612 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

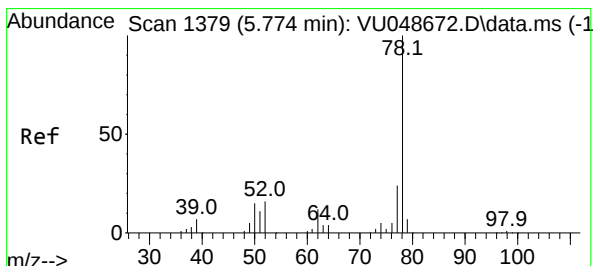
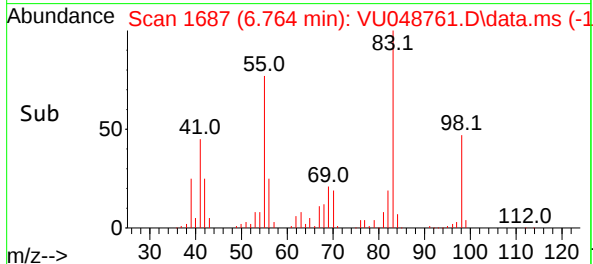
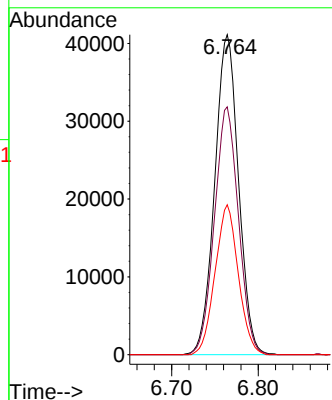
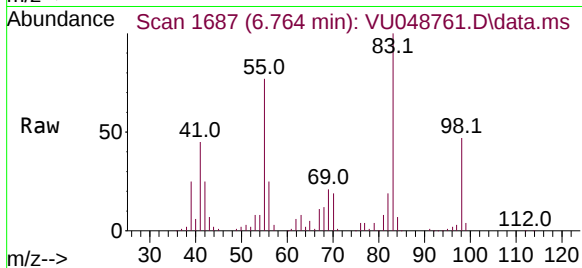
Tgt Ion: 83 Resp: 78586

Ion Ratio Lower Upper

83 100

55 77.5 61.0 91.6

98 46.9 36.8 55.2



#40

Benzene

Concen: 19.365 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048761.D

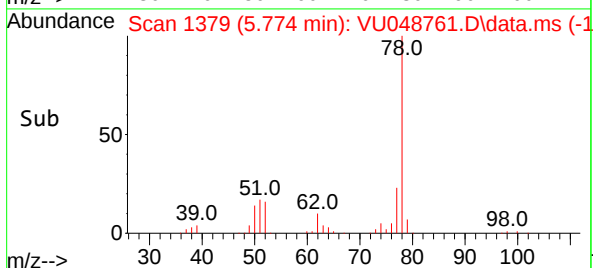
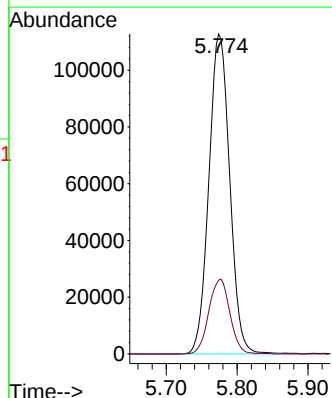
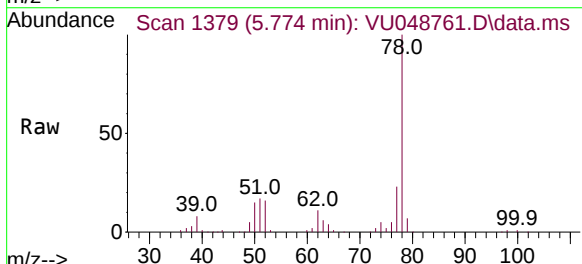
Acq: 01 Jun 2022 00:37

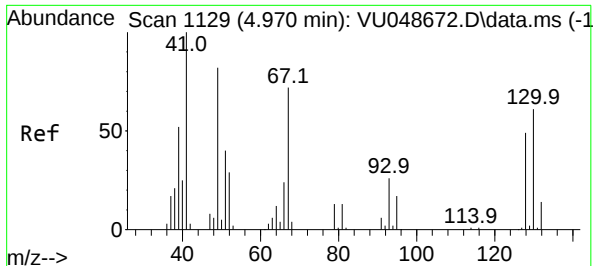
Tgt Ion: 78 Resp: 230227

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

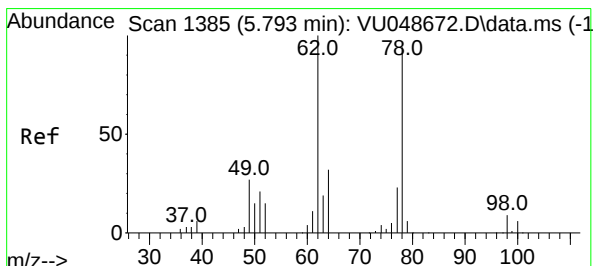
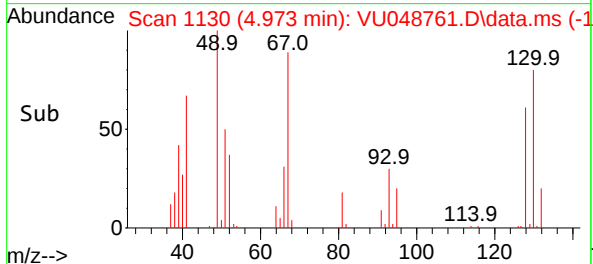
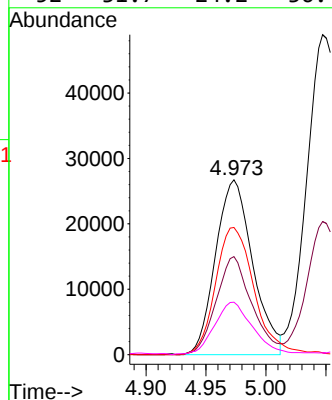
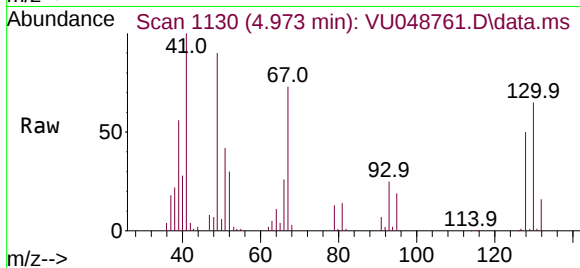




#41
Methacrylonitrile
Concen: 22.416 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

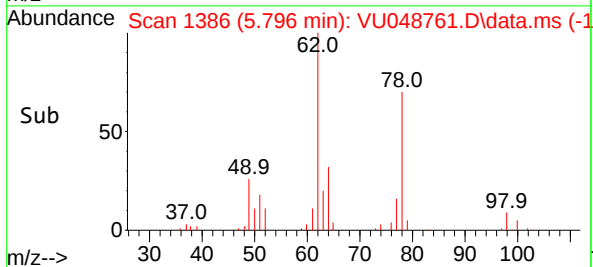
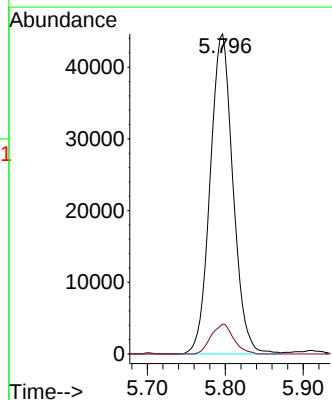
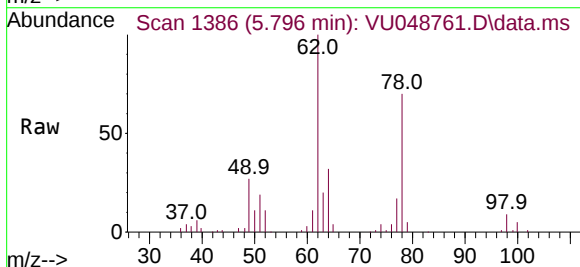
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

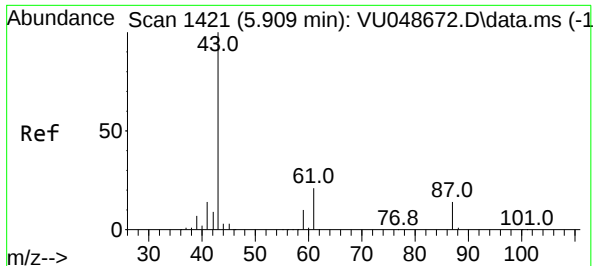
Tgt Ion: 41	Resp: 57667
Ion Ratio	Lower Upper
41 100	
39 53.8	42.6 64.0
67 76.0	61.0 91.4
52 31.7	24.2 36.4



#42
1,2-Dichloroethane
Concen: 19.528 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 62	Resp: 90878
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 17.0

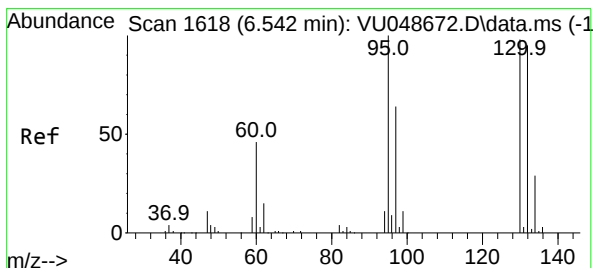
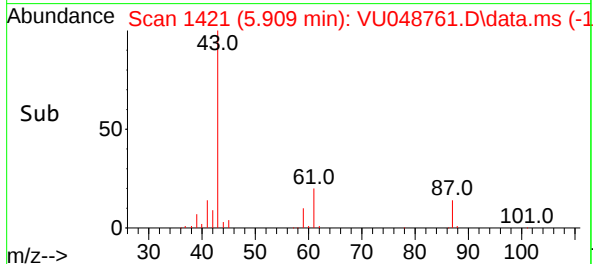
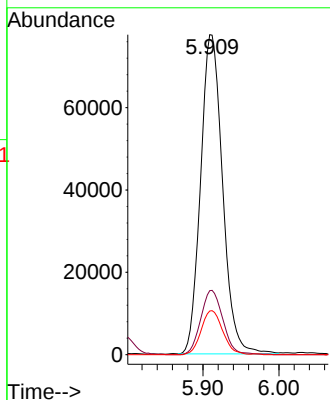
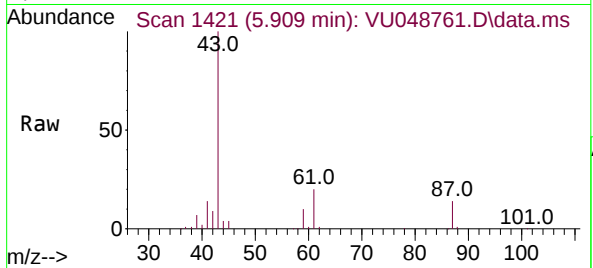




#43
Isopropyl Acetate
Concen: 21.093 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

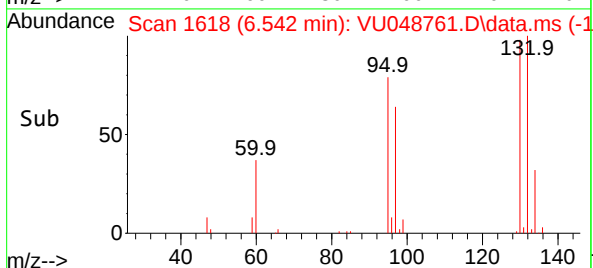
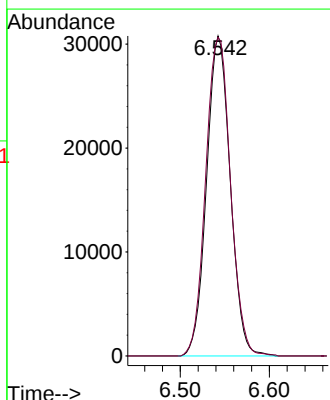
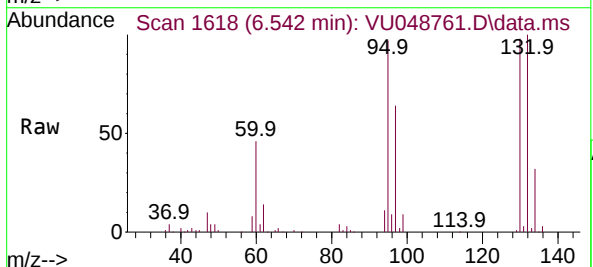
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

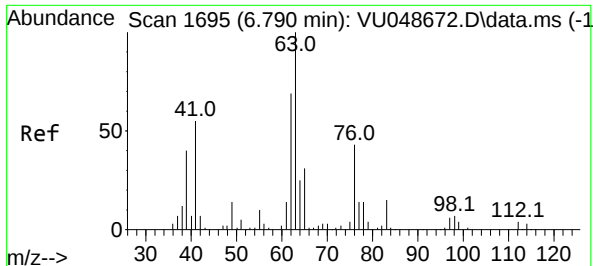
Tgt Ion: 43 Resp: 155855
Ion Ratio Lower Upper
43 100
61 20.3 16.7 25.1
87 13.5 10.9 16.3



#44
Trichloroethene
Concen: 18.544 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:130 Resp: 56798
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.817 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

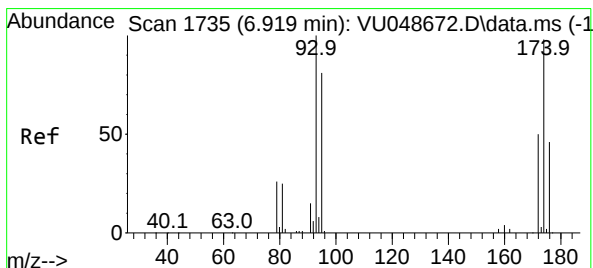
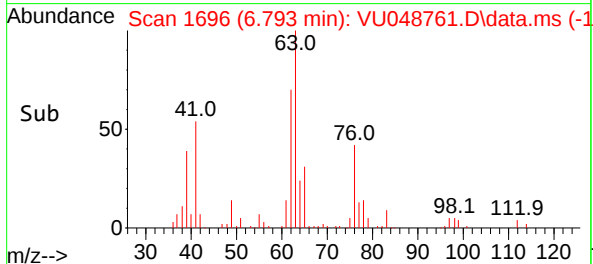
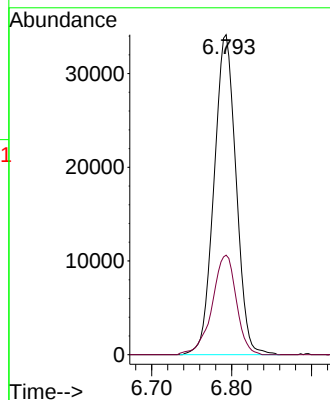
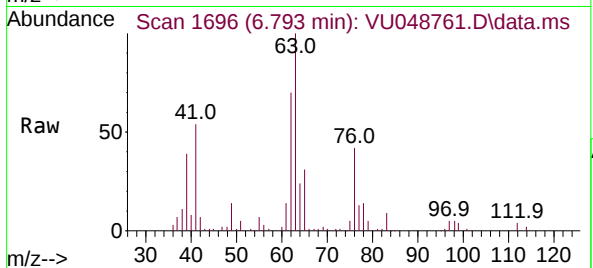
VU0531MBS02

Tgt Ion: 63 Resp: 65299

Ion Ratio Lower Upper

63 100

65 31.1 24.8 37.2



#46

Dibromomethane

Concen: 20.519 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

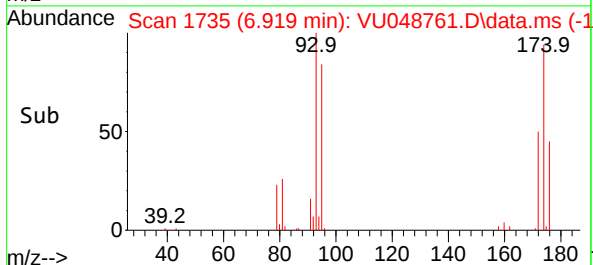
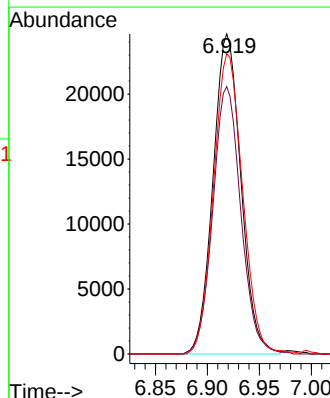
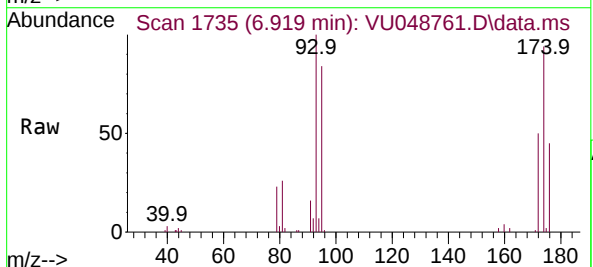
Tgt Ion: 93 Resp: 45883

Ion Ratio Lower Upper

93 100

95 84.1 65.1 97.7

174 97.7 77.8 116.6





#47

Bromodichloromethane

Concen: 20.199 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

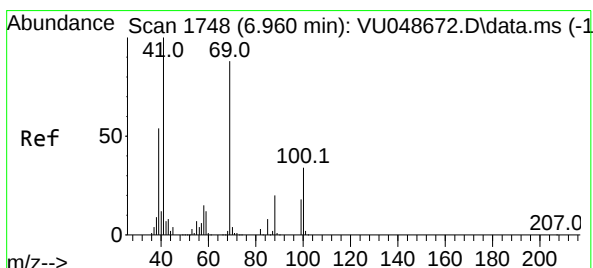
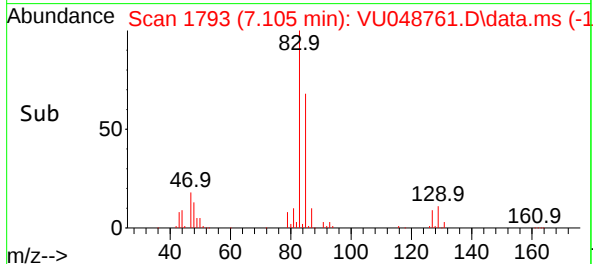
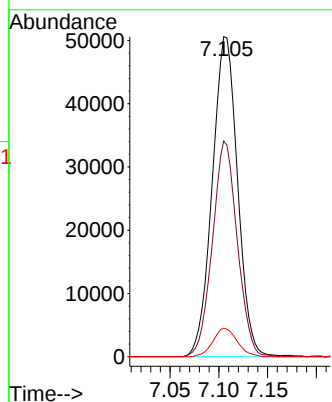
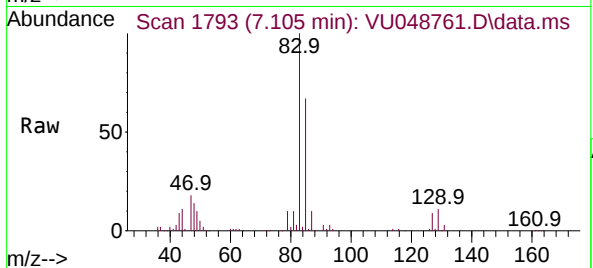
Tgt Ion: 83 Resp: 91341

Ion Ratio Lower Upper

83 100

85 67.4 52.1 78.1

127 8.9 6.9 10.3



#48

Methyl methacrylate

Concen: 22.728 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

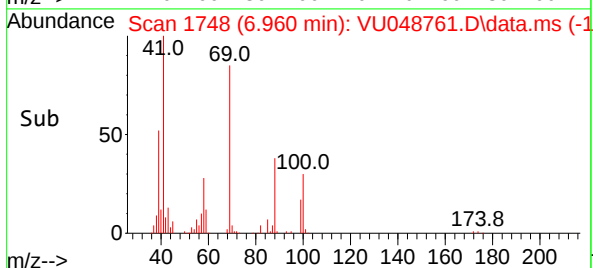
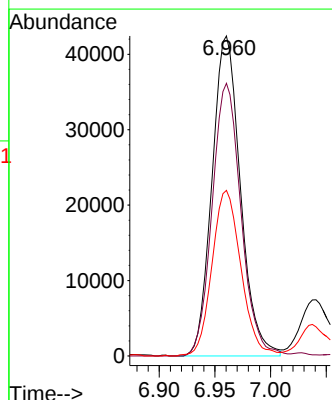
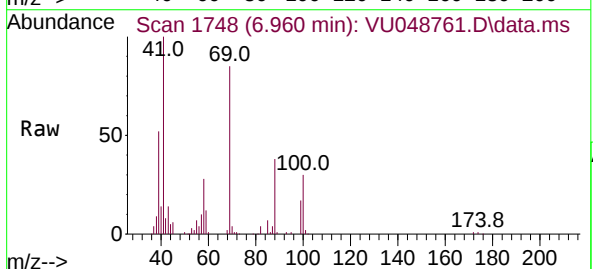
Tgt Ion: 41 Resp: 75388

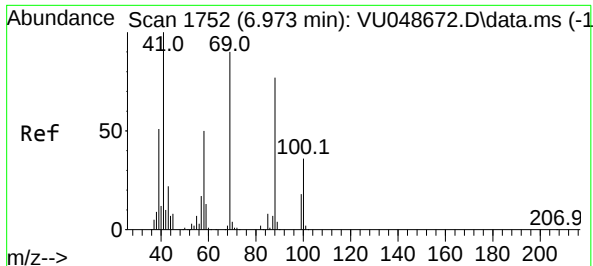
Ion Ratio Lower Upper

41 100

69 86.4 70.7 106.1

39 52.7 43.4 65.2





#49

1,4-Dioxane

Concen: 429.633 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBS02

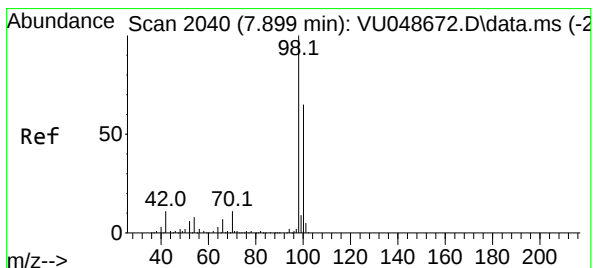
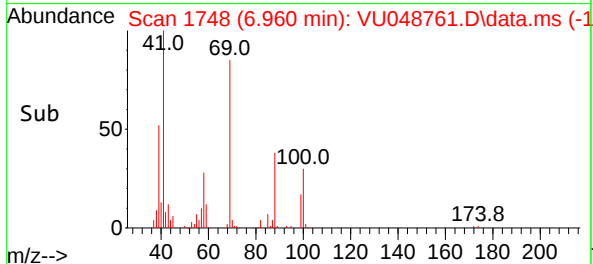
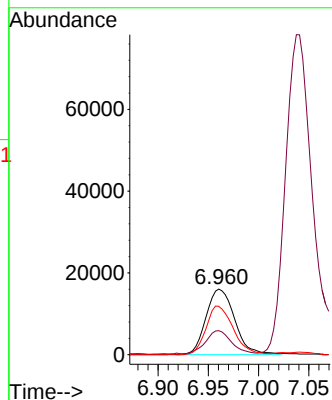
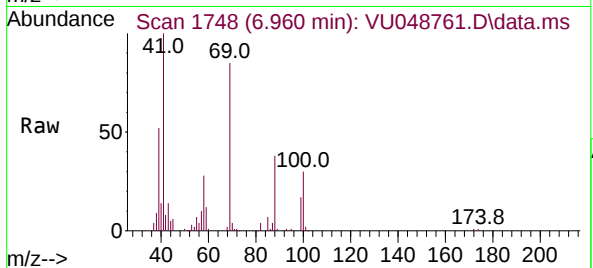
Tgt Ion: 88 Resp: 31857

Ion Ratio Lower Upper

88 100

43 30.8 24.6 36.8

58 70.1 54.7 82.1



#50

Toluene-d8

Concen: 50.516 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048761.D

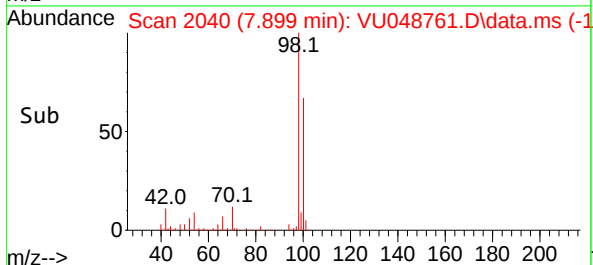
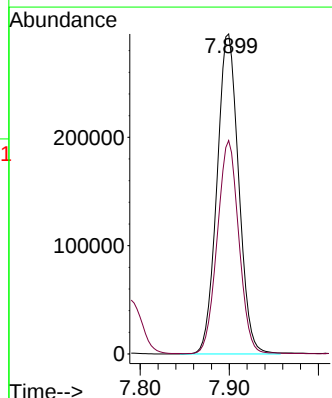
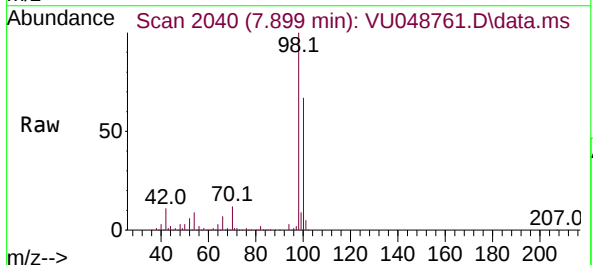
Acq: 01 Jun 2022 00:37

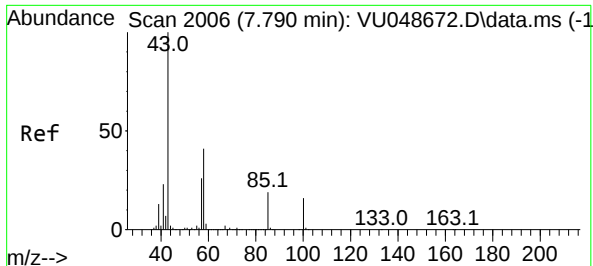
Tgt Ion: 98 Resp: 499629

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 118.107 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

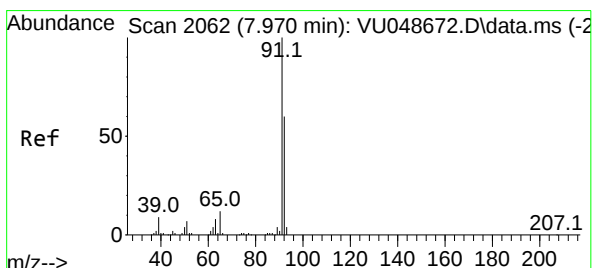
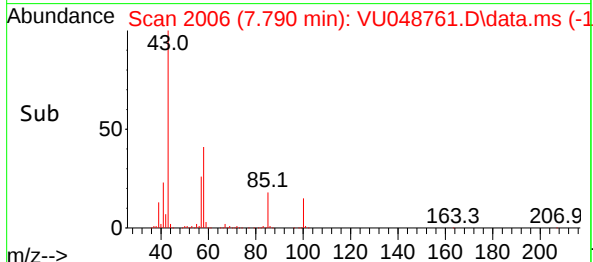
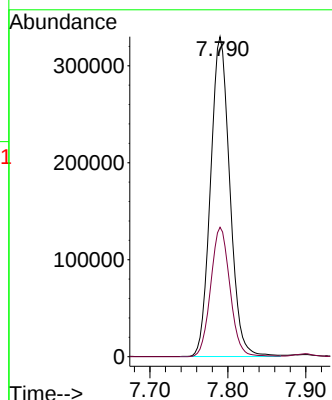
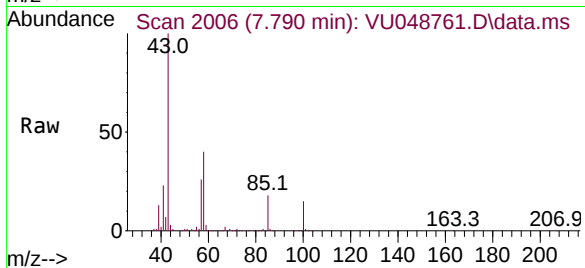
VU0531MBSD02

Tgt Ion: 43 Resp: 566645

Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1



#52

Toluene

Concen: 20.257 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048761.D

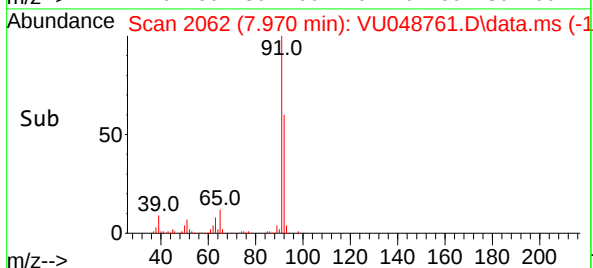
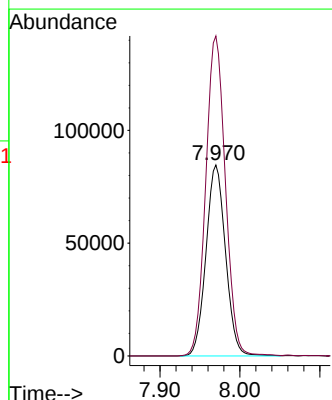
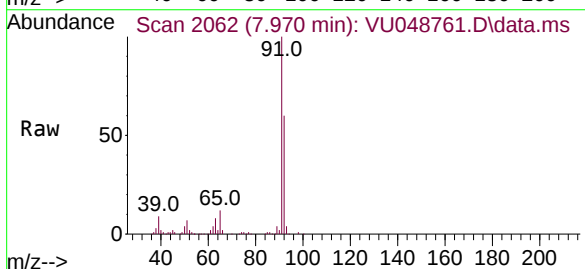
Acq: 01 Jun 2022 00:37

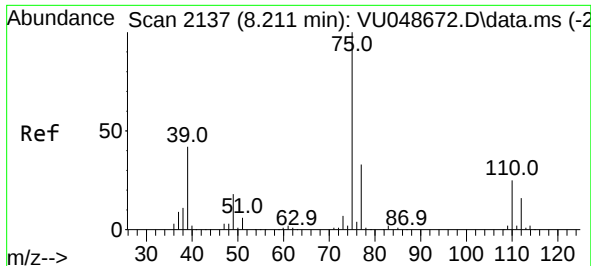
Tgt Ion: 92 Resp: 144048

Ion Ratio Lower Upper

92 100

91 168.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.840 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

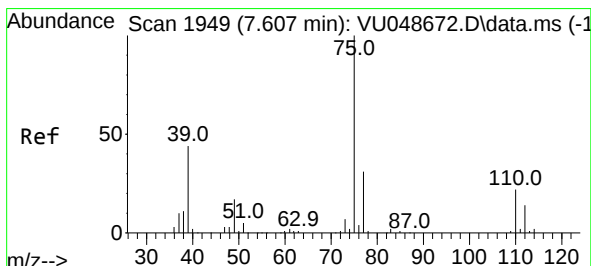
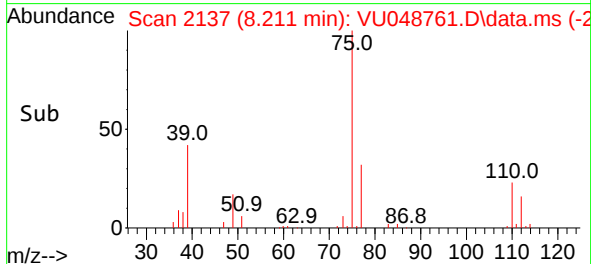
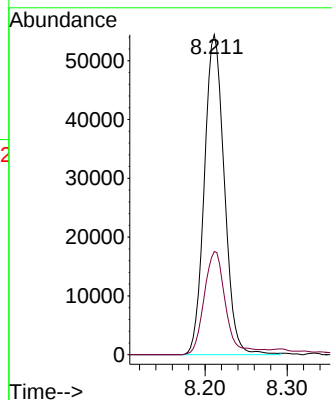
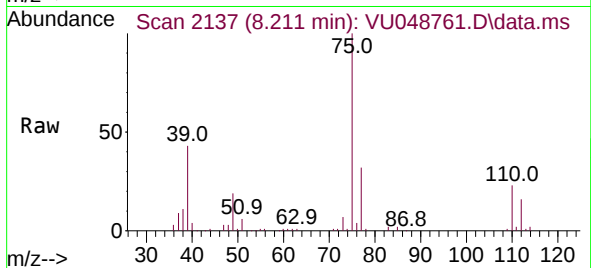
VU0531MBS02

Tgt Ion: 75 Resp: 91901

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.105 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

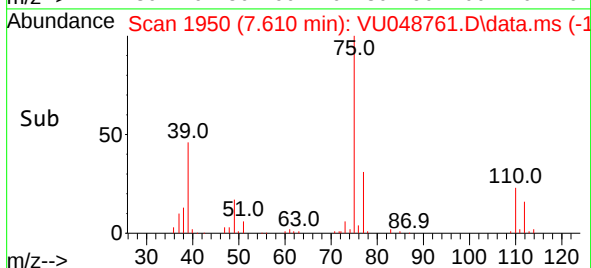
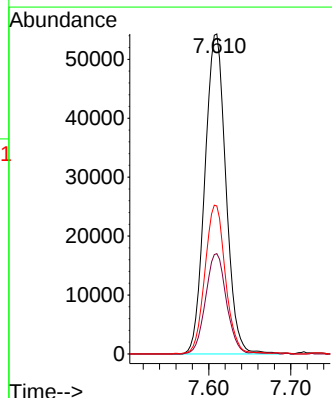
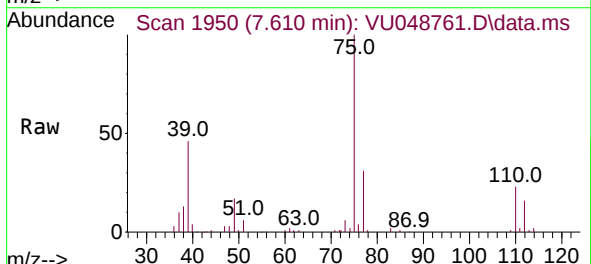
Tgt Ion: 75 Resp: 96571

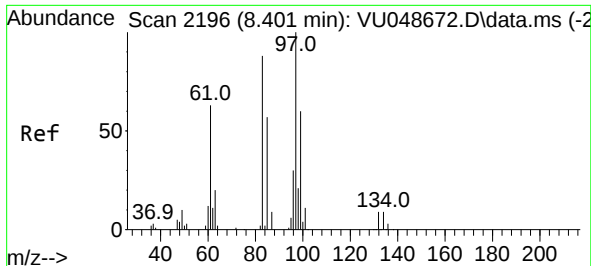
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 46.3 35.2 52.8

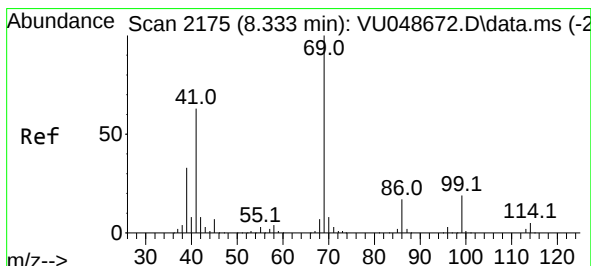
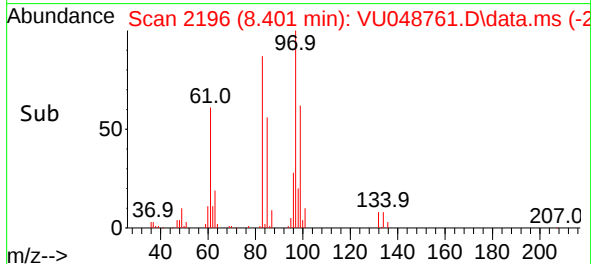
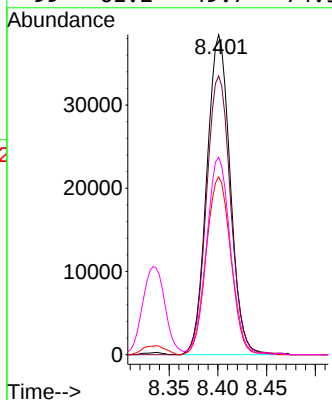
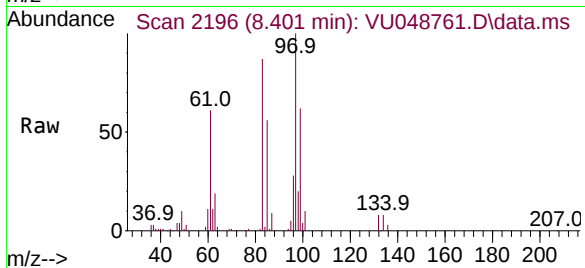




#55
1,1,2-Trichloroethane
Concen: 20.464 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

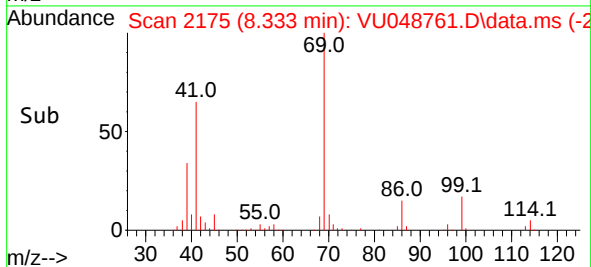
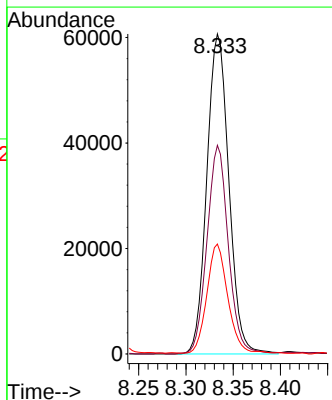
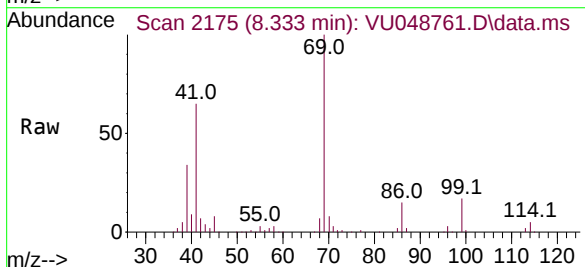
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

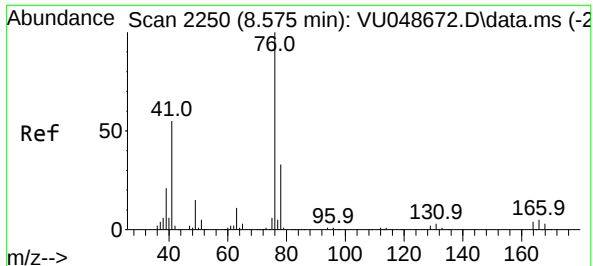
Tgt Ion:	97	Resp:	64224
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.4
85	55.6	45.6	68.4
99	61.2	49.7	74.5



#56
Ethyl methacrylate
Concen: 21.417 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:	69	Resp:	98397
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.6	76.0
39	32.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.997 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

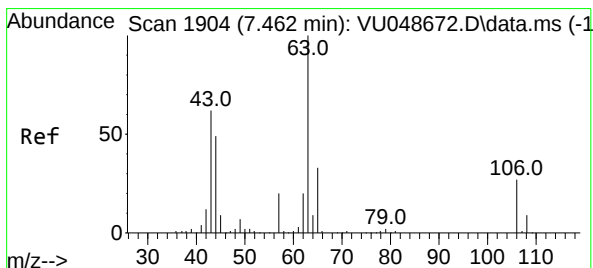
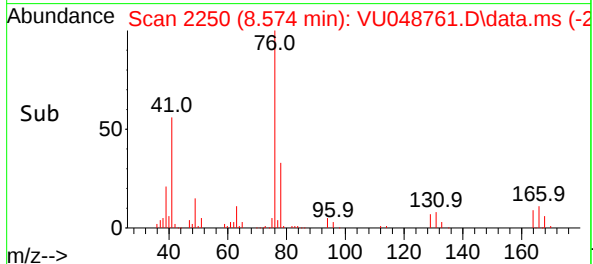
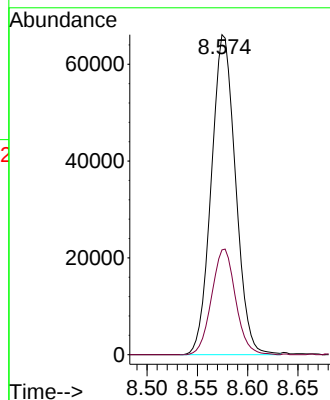
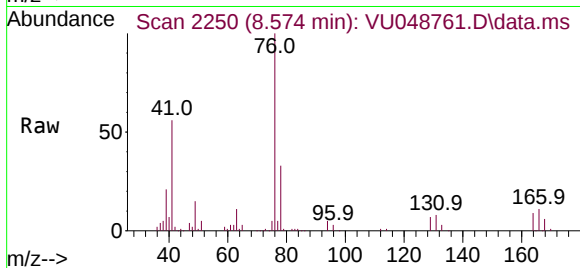
VU0531MBS02

Tgt Ion: 76 Resp: 110912

Ion Ratio Lower Upper

76 100

78 32.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.371 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048761.D

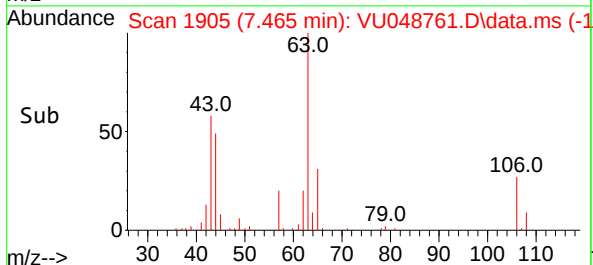
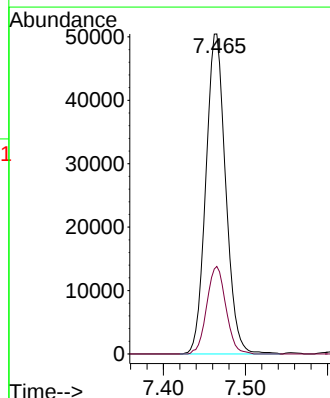
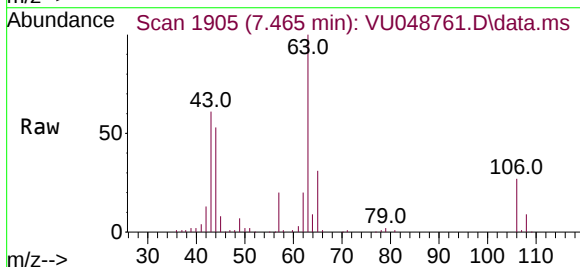
Acq: 01 Jun 2022 00:37

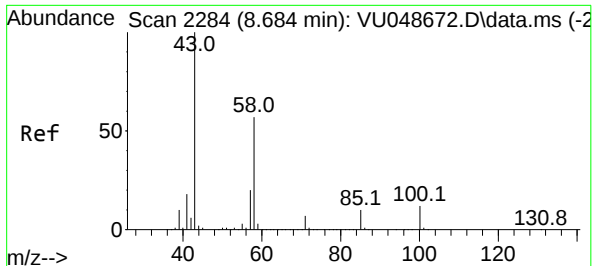
Tgt Ion: 63 Resp: 84790

Ion Ratio Lower Upper

63 100

106 26.4 22.2 33.2

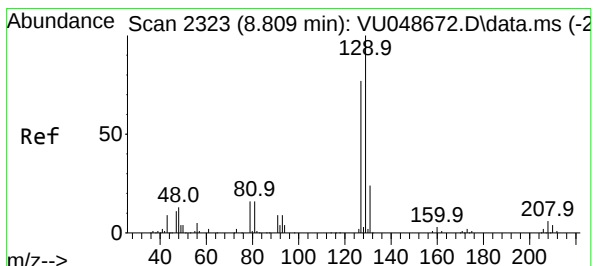
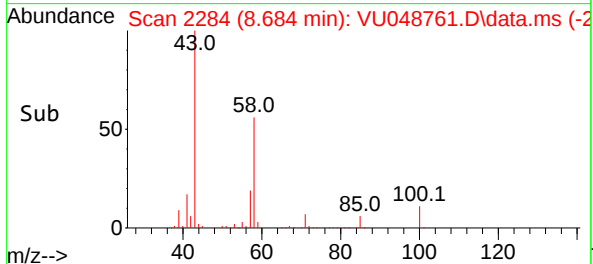
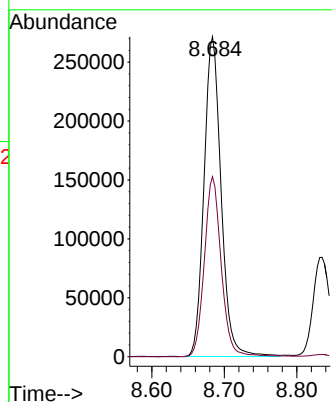
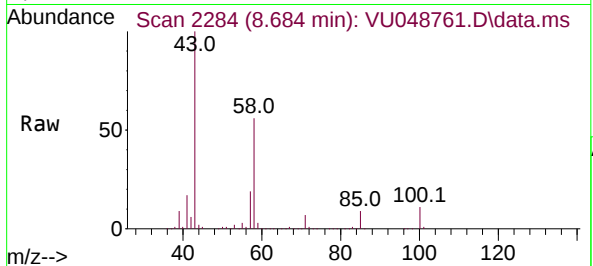




#59
2-Hexanone
Concen: 112.912 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

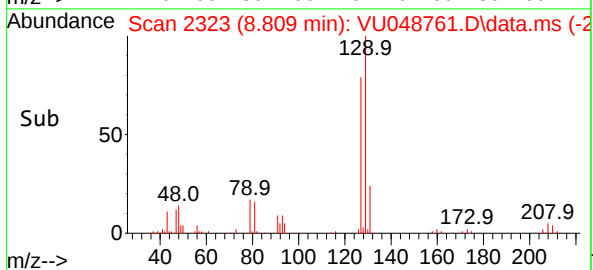
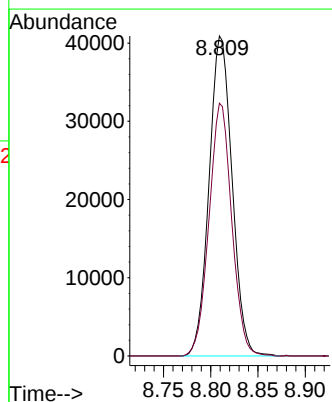
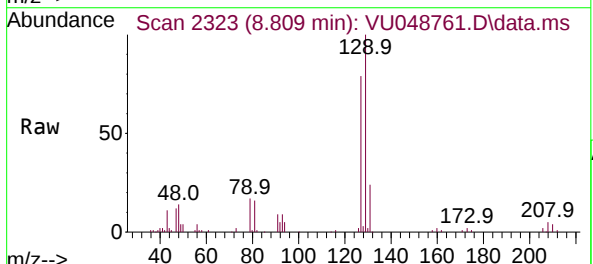
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

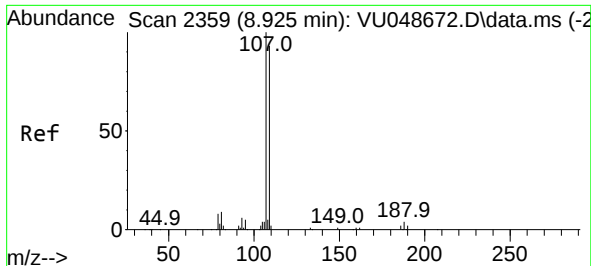
Tgt Ion: 43 Resp: 444735
Ion Ratio Lower Upper
43 100
58 55.5 28.2 84.6



#60
Dibromochloromethane
Concen: 19.700 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 129 Resp: 69304
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3

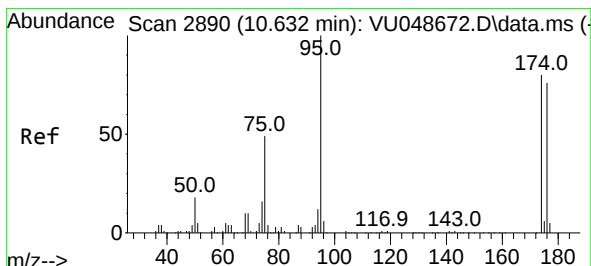
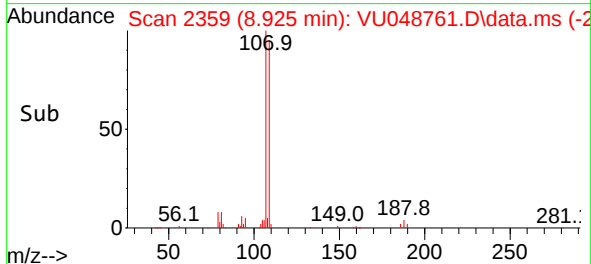
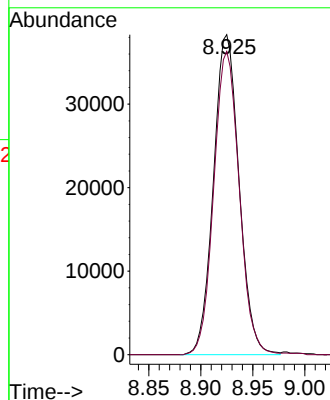
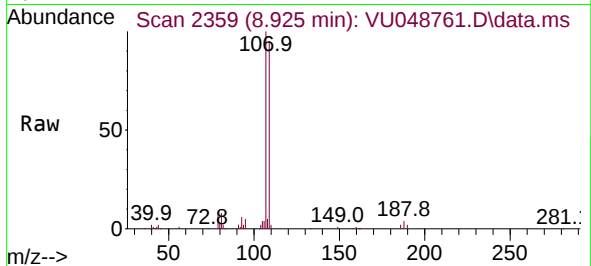




#61
1,2-Dibromoethane
Concen: 18.991 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

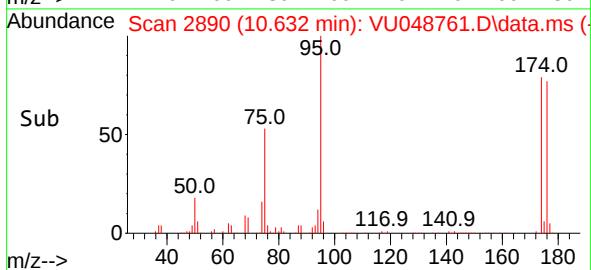
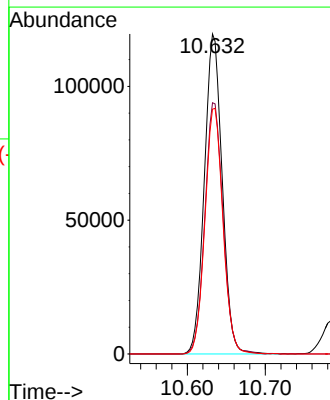
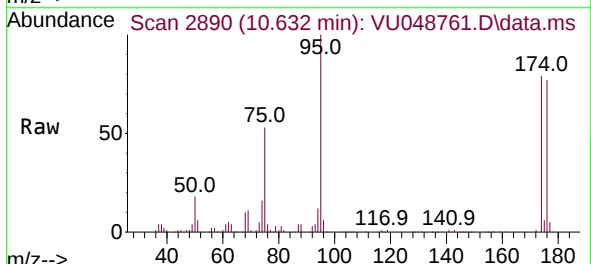
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

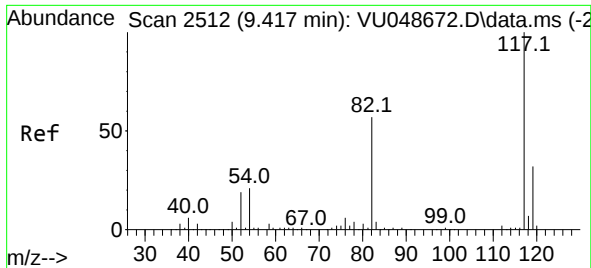
Tgt Ion:107 Resp: 65640
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.930 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 95 Resp: 190504
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.4
176 77.4 0.0 152.4

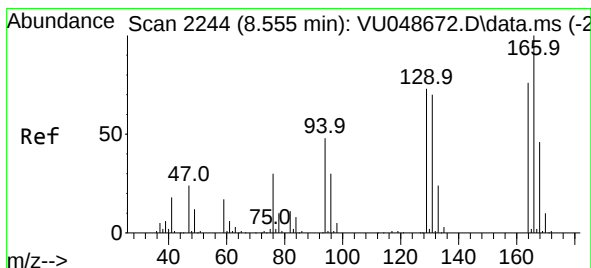
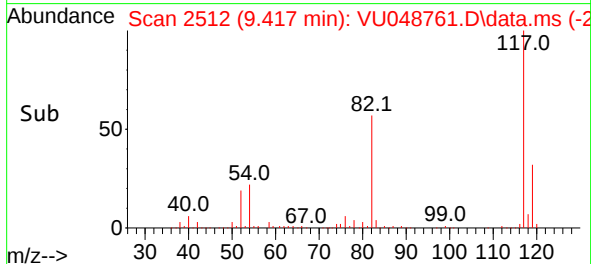
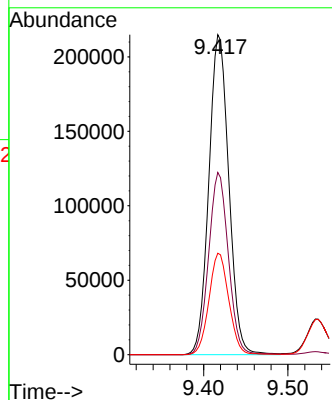
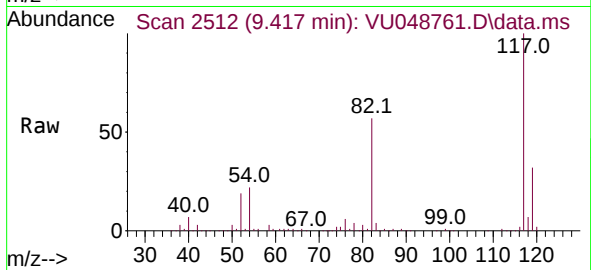




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

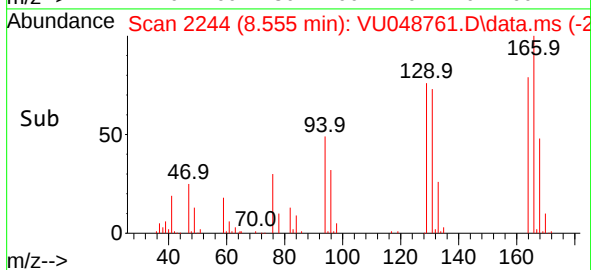
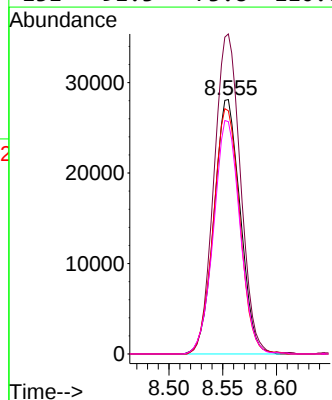
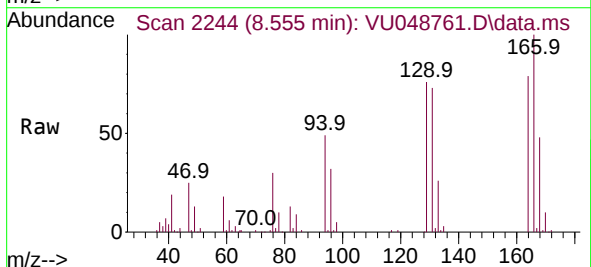
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

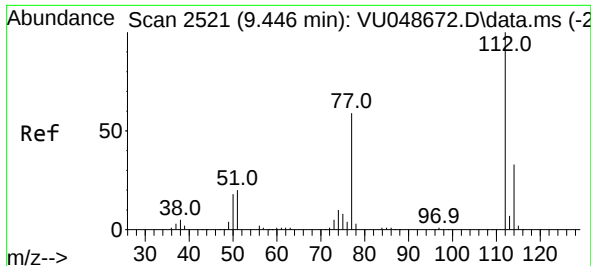
Tgt Ion:117 Resp: 354308
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 18.731 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:164 Resp: 47791
Ion Ratio Lower Upper
164 100
166 125.8 105.0 157.4
129 95.6 76.5 114.7
131 91.3 73.8 110.6

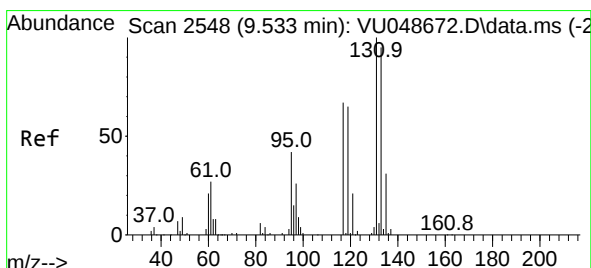
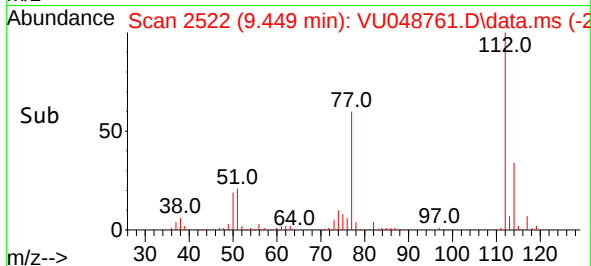
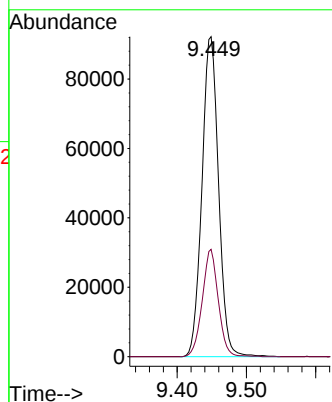
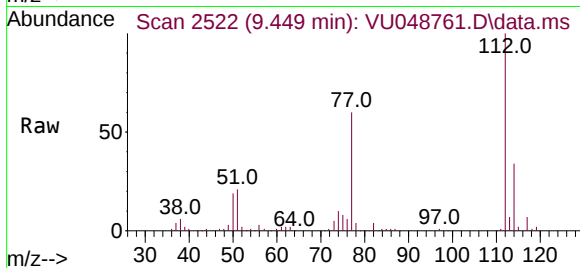




#65
Chlorobenzene
Concen: 20.515 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

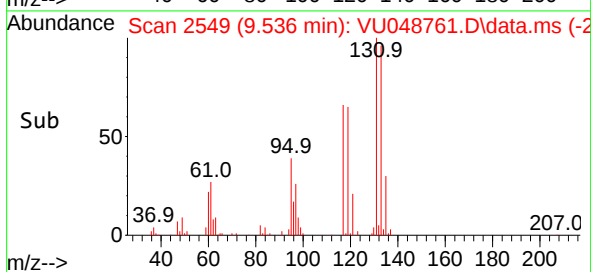
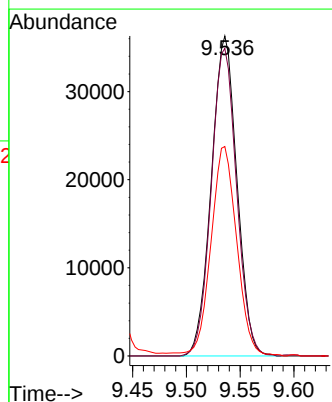
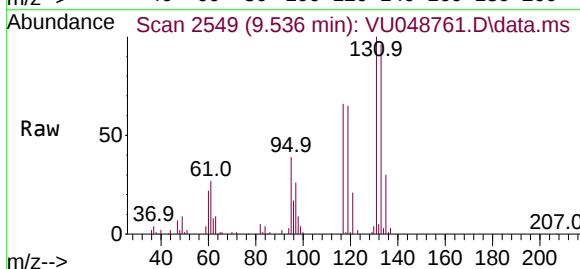
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

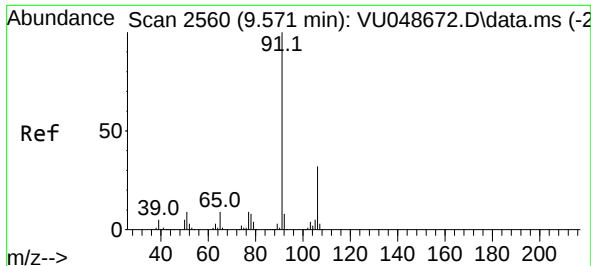
Tgt Ion:112 Resp: 153732
Ion Ratio Lower Upper
112 100
114 33.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.172 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:131 Resp: 60223
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 65.8 32.7 98.1

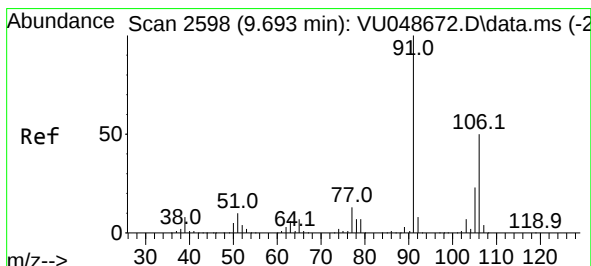
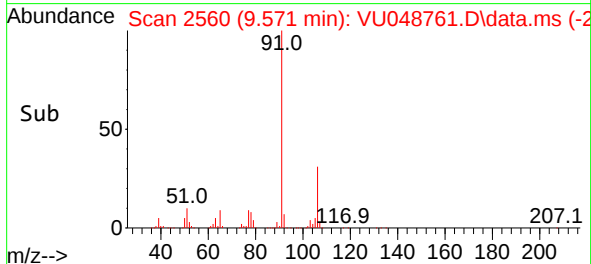
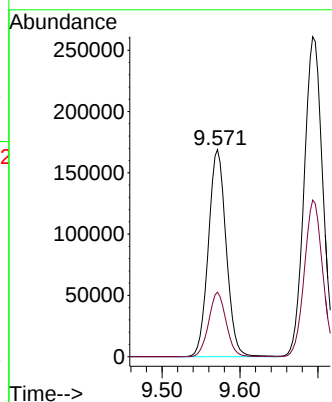
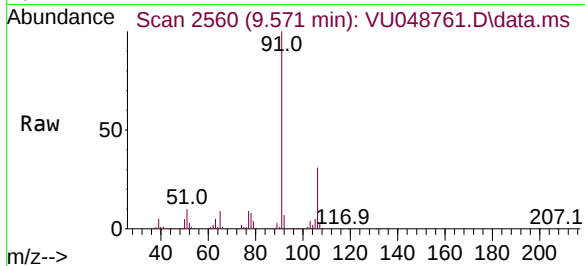




#67
Ethyl Benzene
Concen: 21.184 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

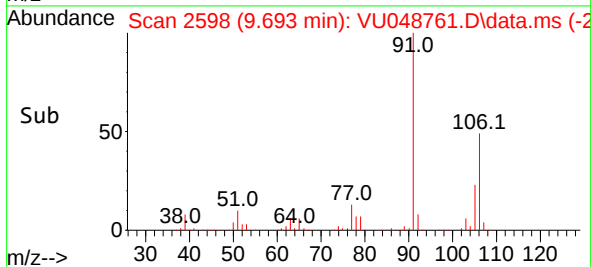
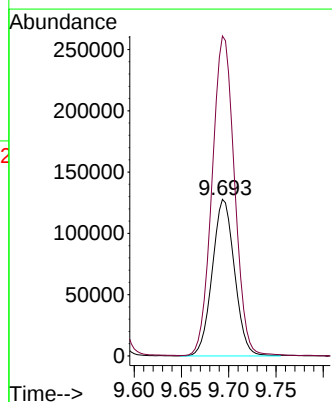
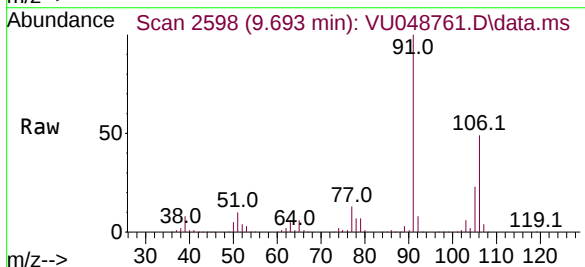
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

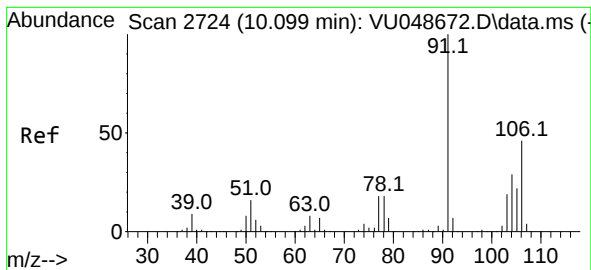
Tgt Ion: 91 Resp: 267741
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 42.336 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 106 Resp: 209272
Ion Ratio Lower Upper
106 100
91 205.8 162.4 243.6





#69

o-Xylene

Concen: 21.437 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

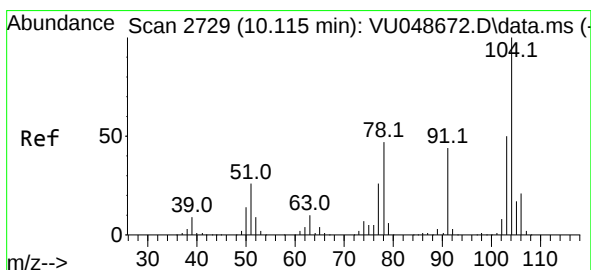
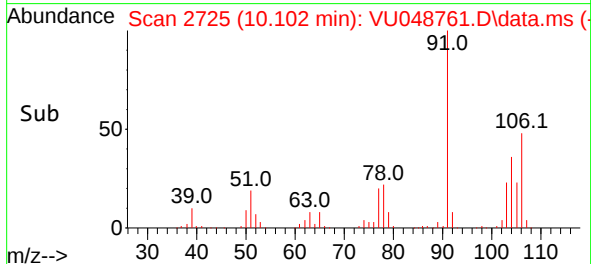
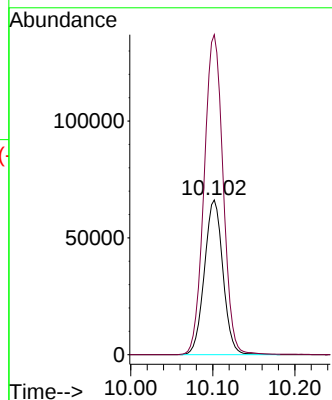
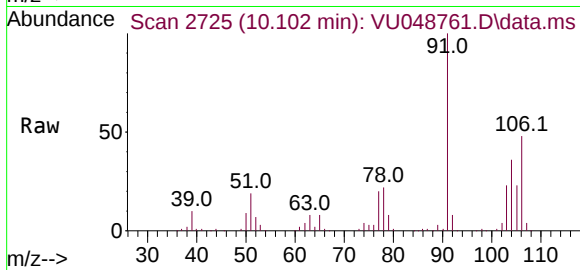
VU0531MBSD02

Tgt Ion:106 Resp: 104106

Ion Ratio Lower Upper

106 100

91 211.8 107.7 323.3



#70

Styrene

Concen: 21.796 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

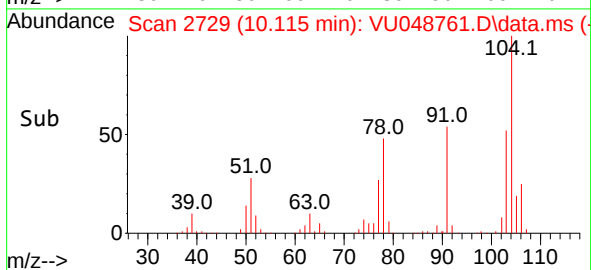
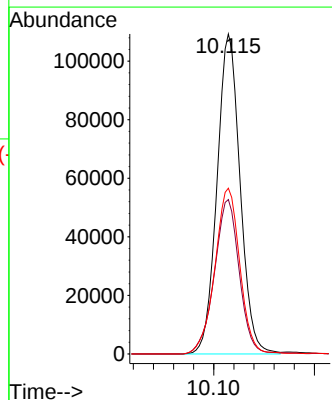
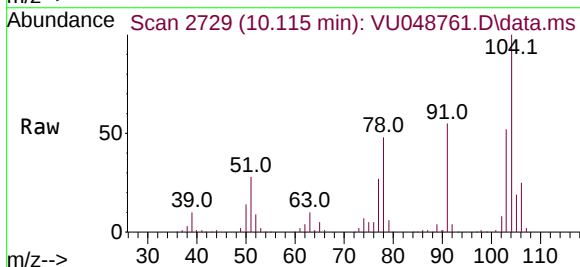
Tgt Ion:104 Resp: 174110

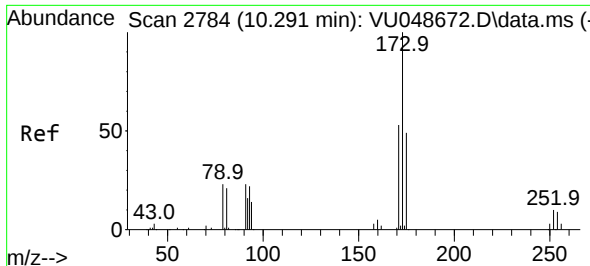
Ion Ratio Lower Upper

104 100

78 52.1 41.2 61.8

103 56.0 43.4 65.2

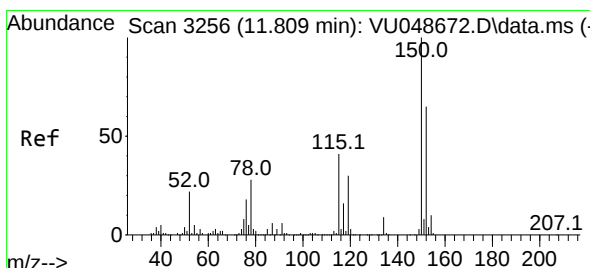
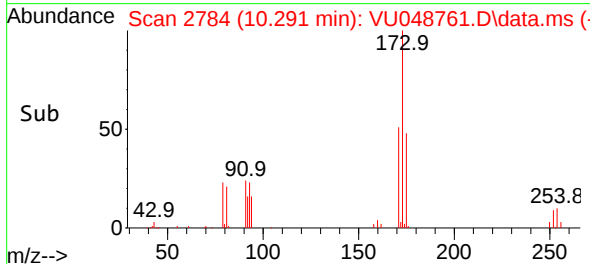
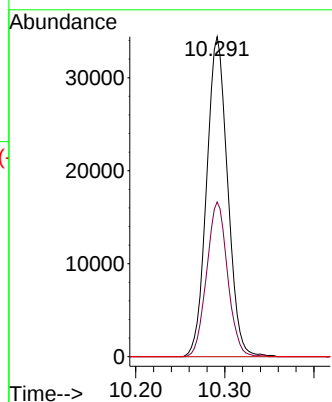
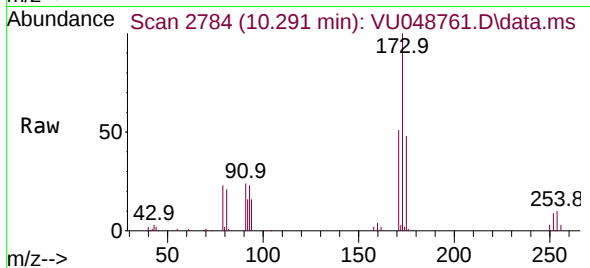




#71
Bromoform
Concen: 21.402 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

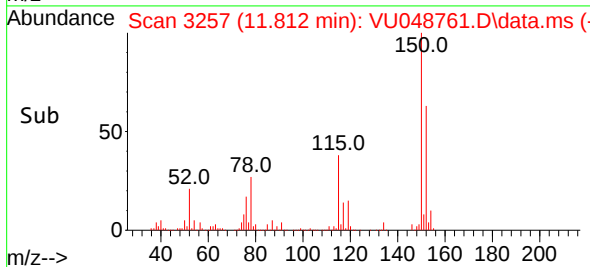
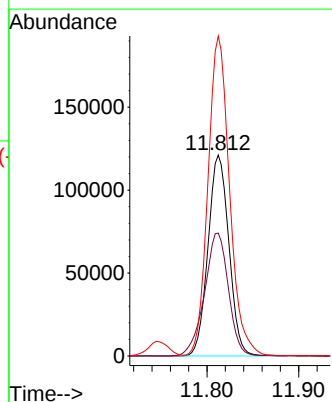
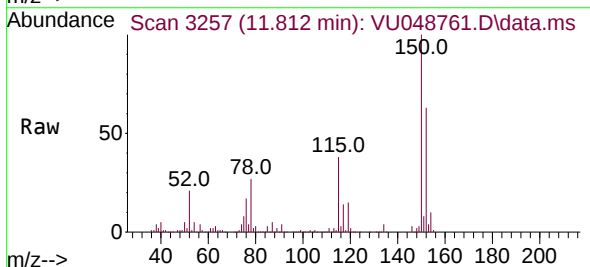
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

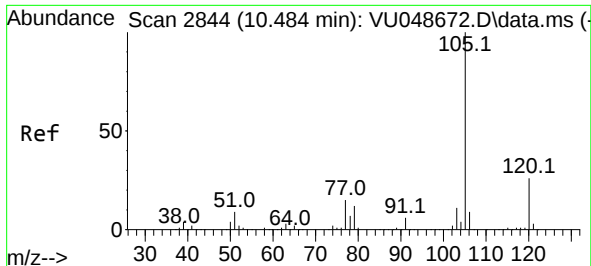
Tgt Ion:173 Resp: 56285
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:152 Resp: 191769
Ion Ratio Lower Upper
152 100
115 69.8 41.8 125.4
150 164.4 0.0 341.0

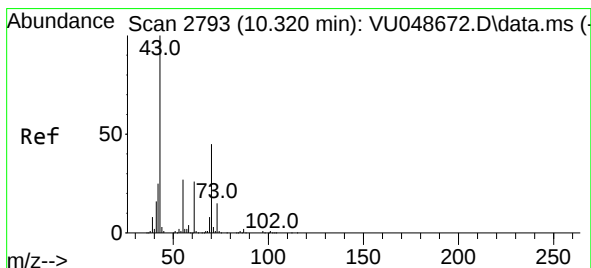
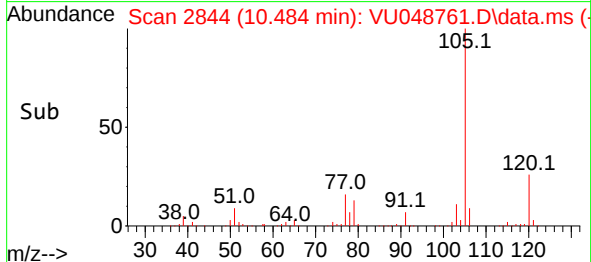
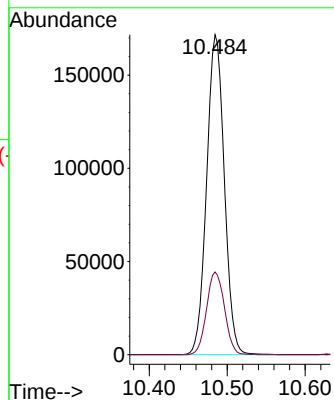
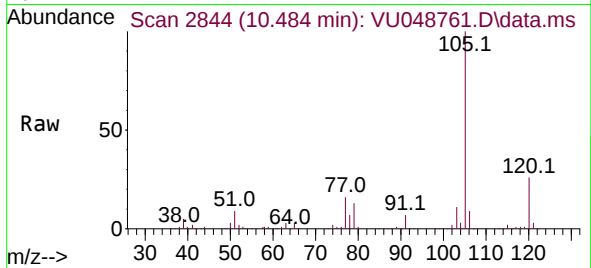




#73
Isopropylbenzene
Concen: 21.868 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

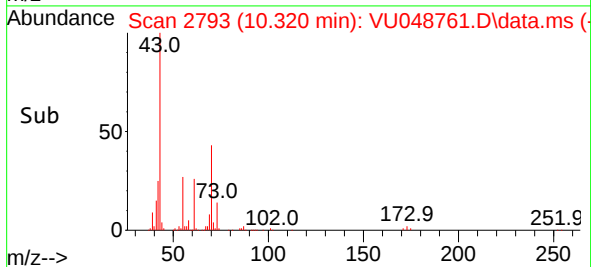
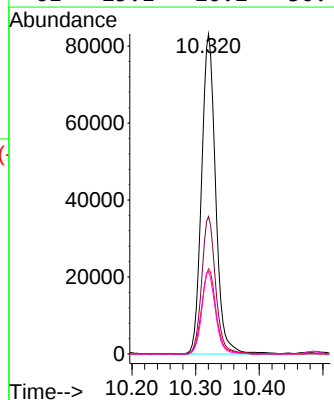
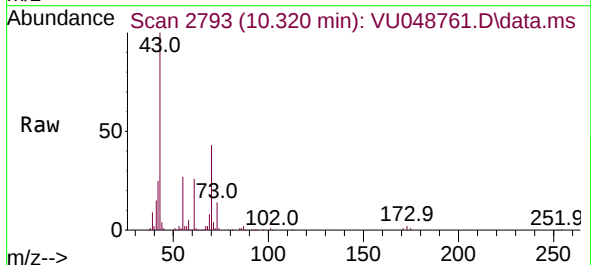
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

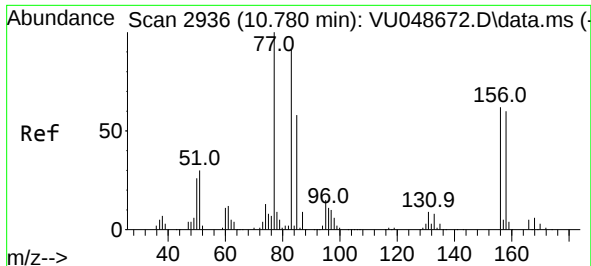
Tgt Ion:105 Resp: 270741
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 21.823 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 43 Resp: 127618
Ion Ratio Lower Upper
43 100
70 42.3 35.8 53.6
55 27.2 21.1 31.7
61 25.1 20.2 30.4

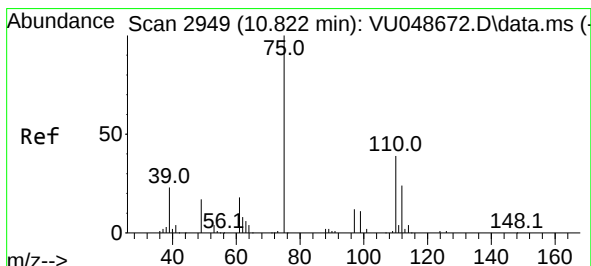
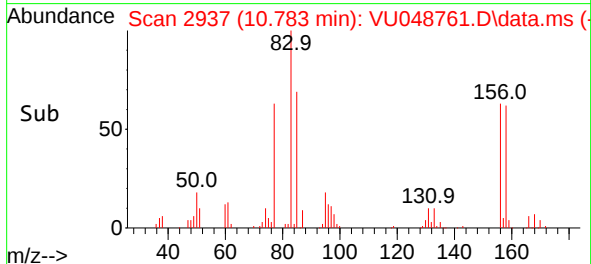
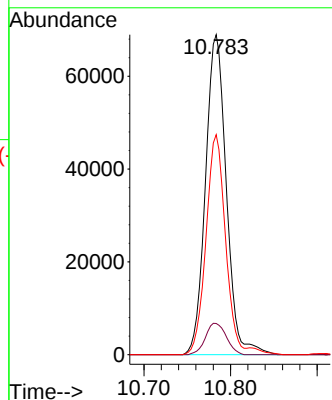
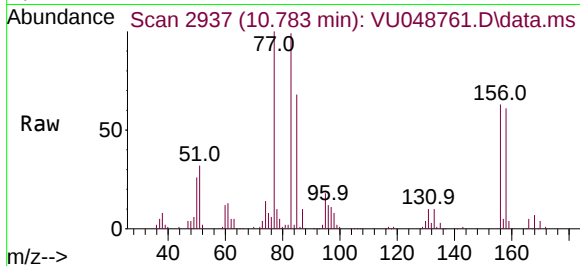




#75
1,1,2,2-Tetrachloroethane
Concen: 22.815 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

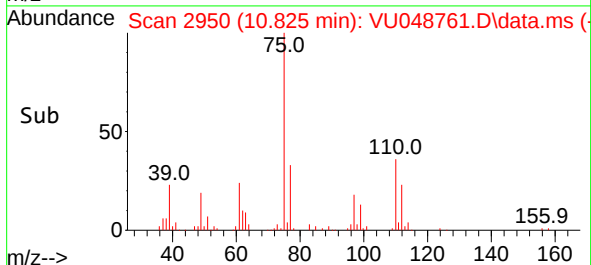
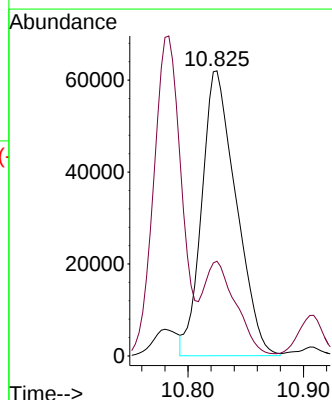
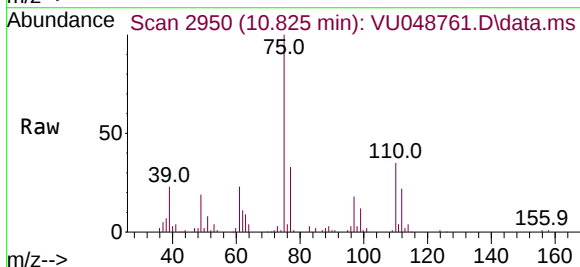
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

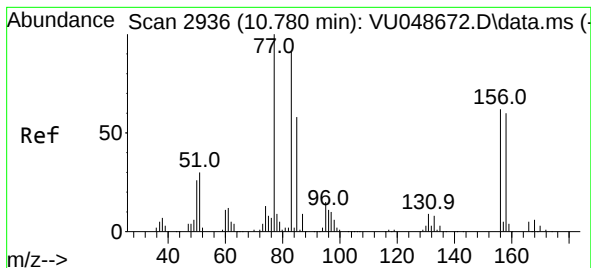
Tgt Ion: 83 Resp: 115268
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 64.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 20.711 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 75 Resp: 128060
Ion Ratio Lower Upper
75 100
77 30.6 14.8 44.3





#77

Bromobenzene

Concen: 21.616 ug/l

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

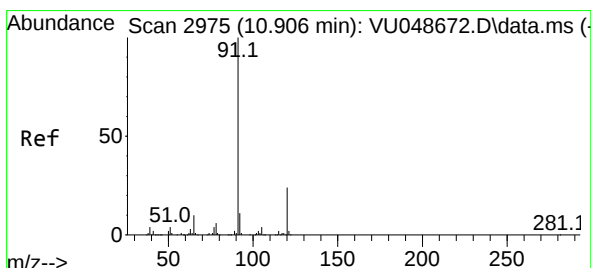
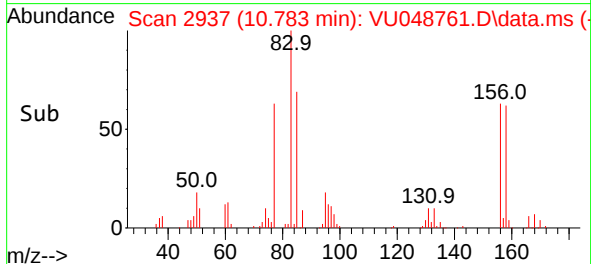
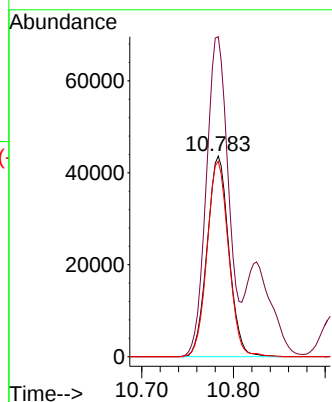
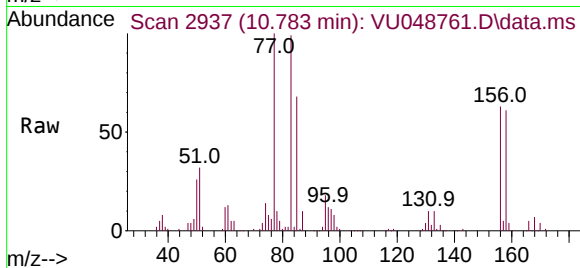
Tgt Ion:156 Resp: 71872

Ion Ratio Lower Upper

156 100

77 163.8 81.1 243.3

158 96.3 48.8 146.4



#78

n-propylbenzene

Concen: 21.935 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU048761.D

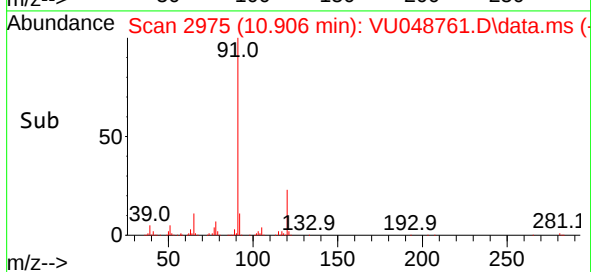
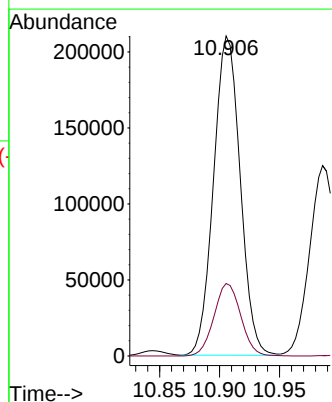
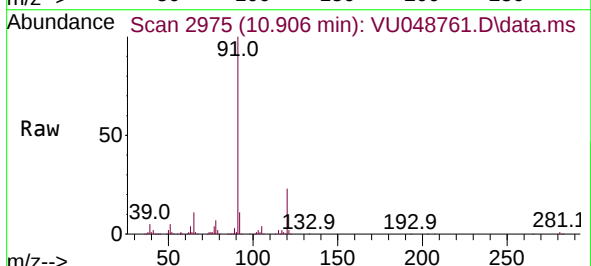
Acq: 01 Jun 2022 00:37

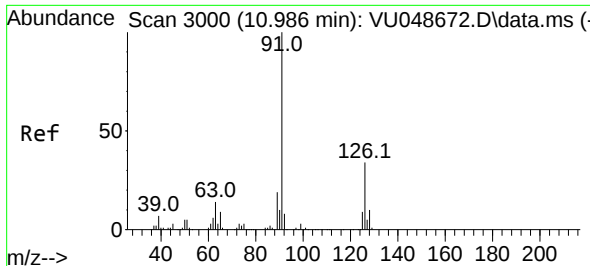
Tgt Ion: 91 Resp: 323589

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.7

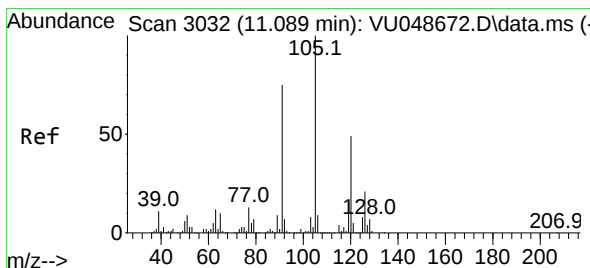
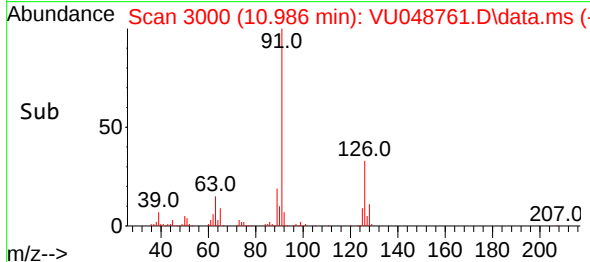
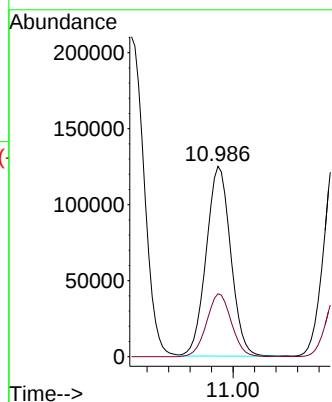
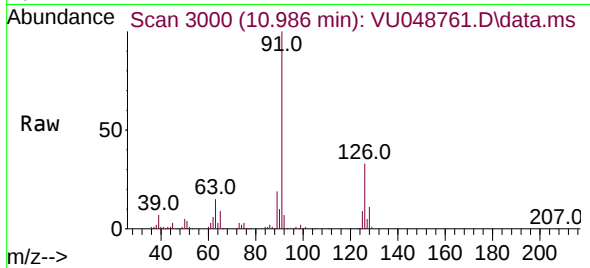




#79
2-Chlorotoluene
Concen: 21.570 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

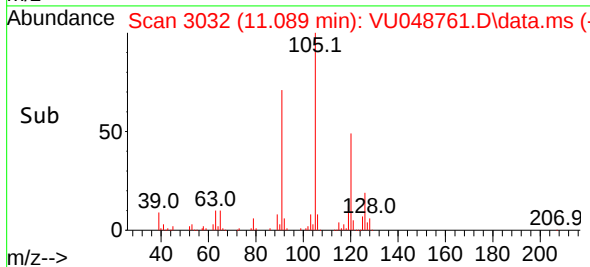
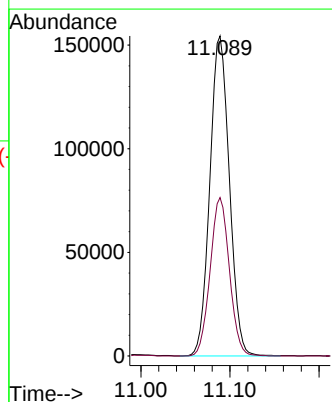
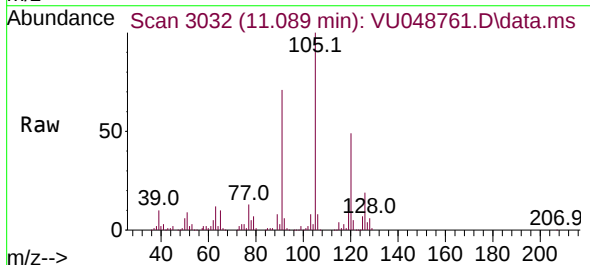
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

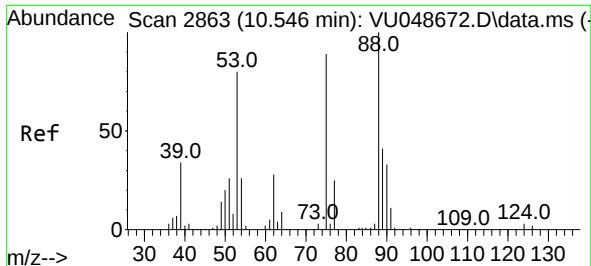
Tgt Ion: 91 Resp: 197884
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.792 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 105 Resp: 234618
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

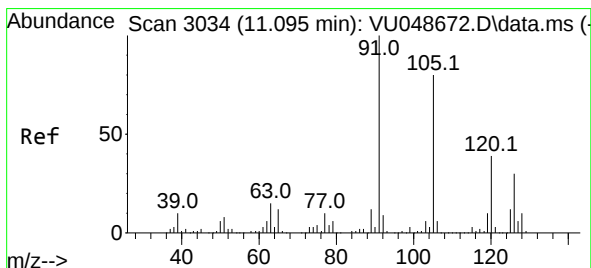
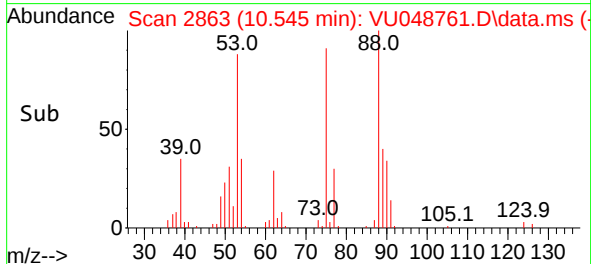
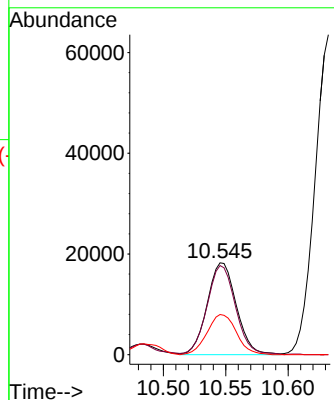
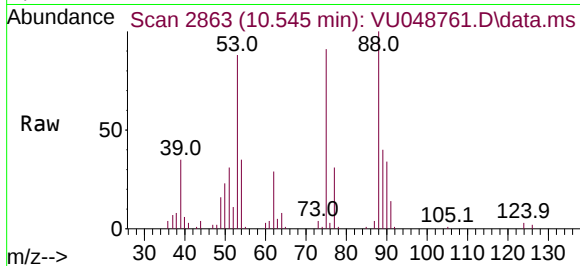




#81
trans-1,4-Dichloro-2-butene
Concen: 17.449 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

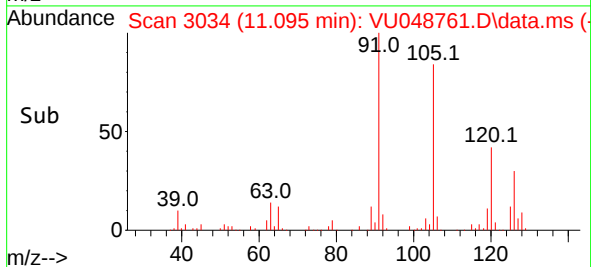
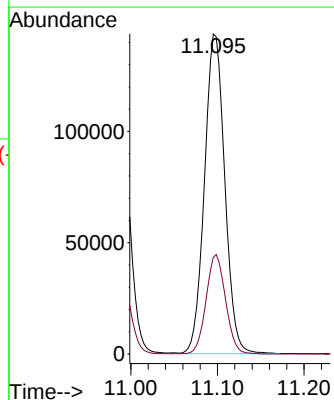
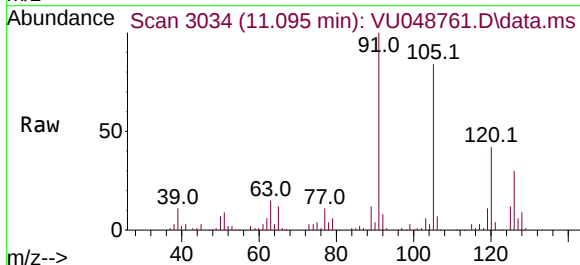
Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

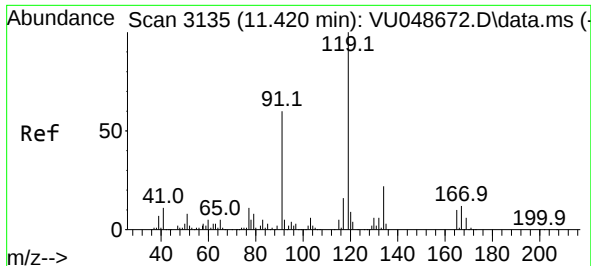
Tgt Ion: 75 Resp: 29714
Ion Ratio Lower Upper
75 100
53 94.8 72.5 108.7
89 44.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 22.115 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion: 91 Resp: 234088
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2

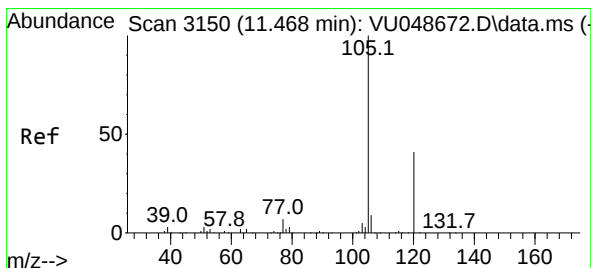
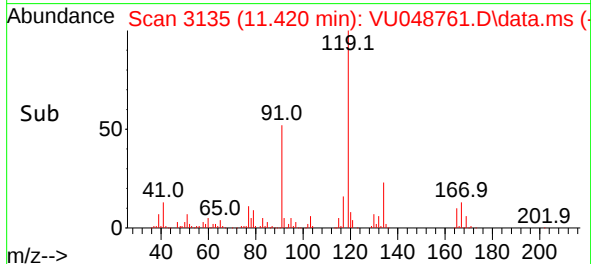
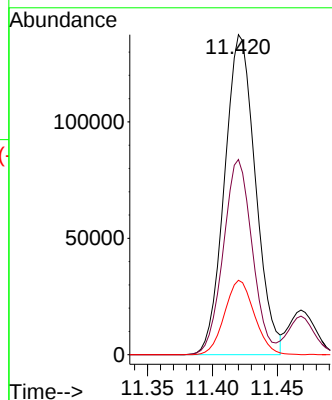
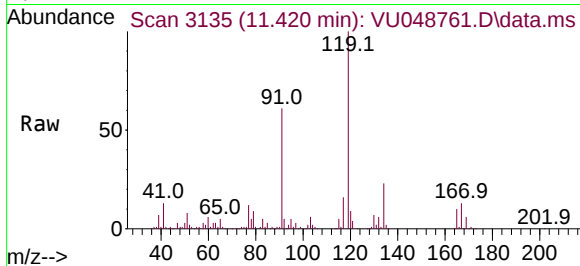




#83
 tert-Butylbenzene
 Concen: 22.038 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

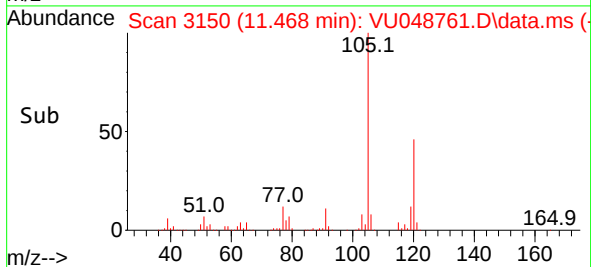
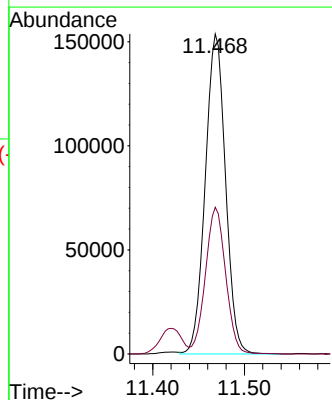
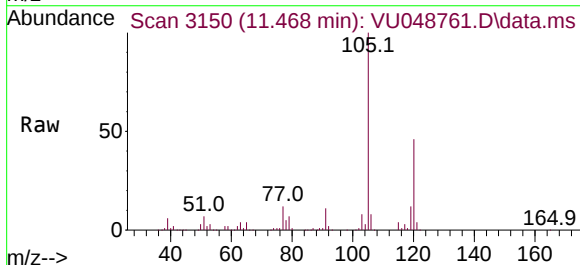
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531MBSD02

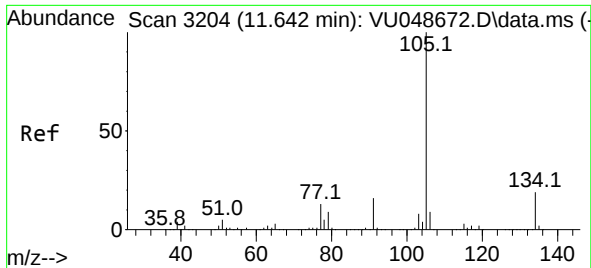
Tgt Ion:119 Resp: 227722
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.7 86.1
 134 22.3 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.003 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

Tgt Ion:105 Resp: 235517
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.5 67.5

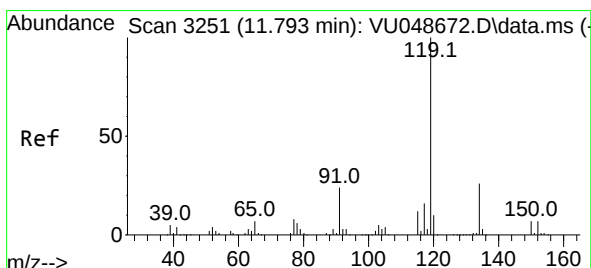
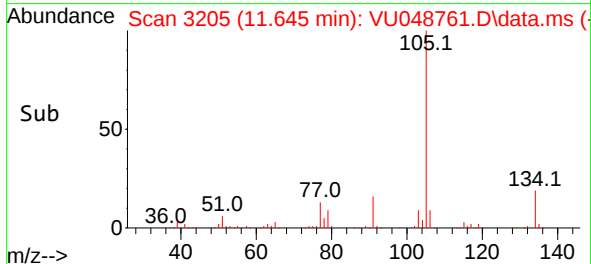
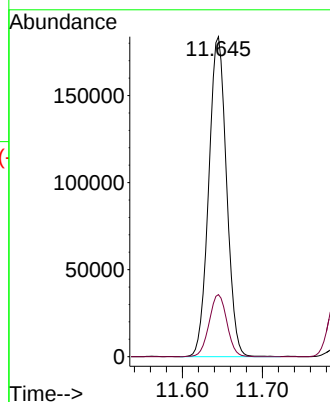
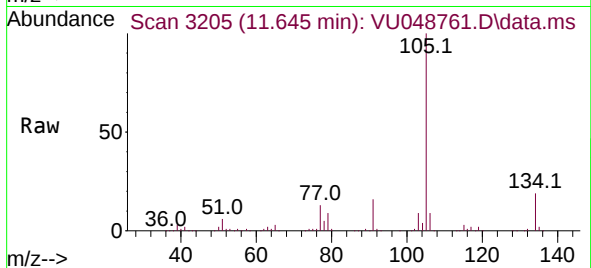




#85
 sec-Butylbenzene
 Concen: 21.997 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

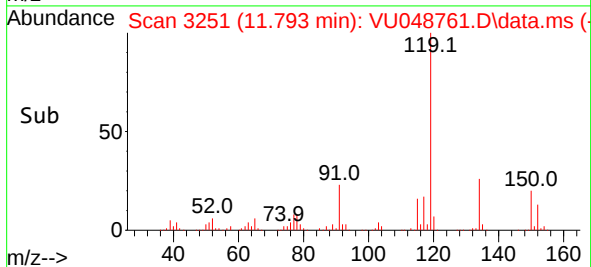
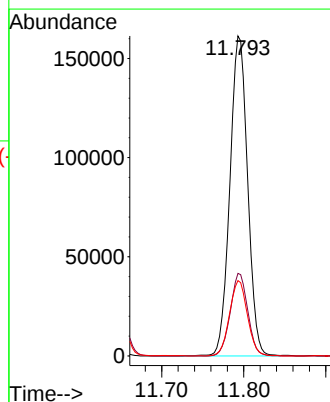
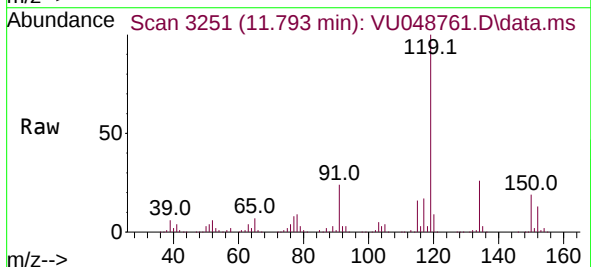
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531MBSD02

Tgt Ion:105 Resp: 284363
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.855 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048761.D
 Acq: 01 Jun 2022 00:37

Tgt Ion:119 Resp: 242617
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.983 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBS02

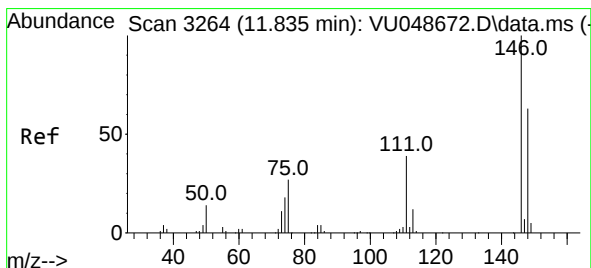
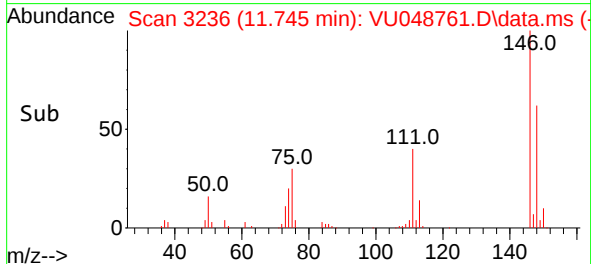
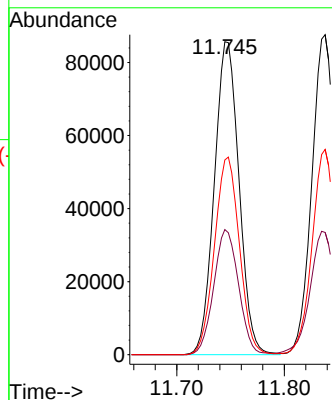
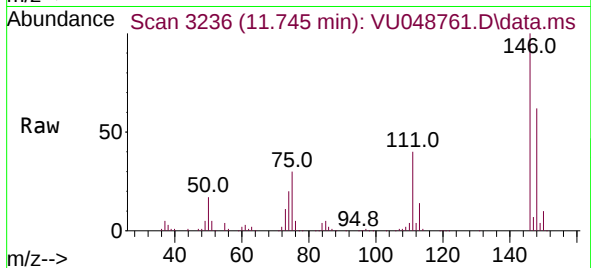
Tgt Ion:146 Resp: 136789

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.503 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

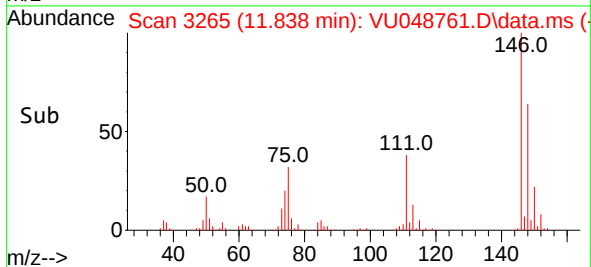
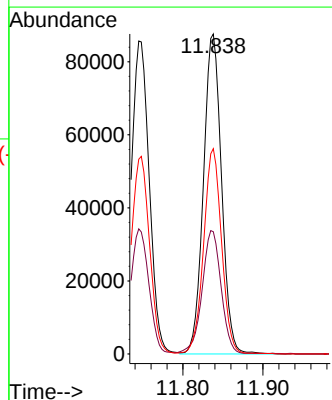
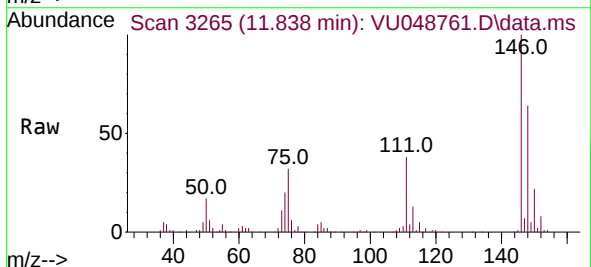
Tgt Ion:146 Resp: 138088

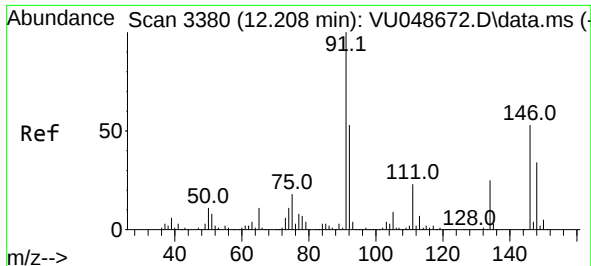
Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 19.900 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBSD02

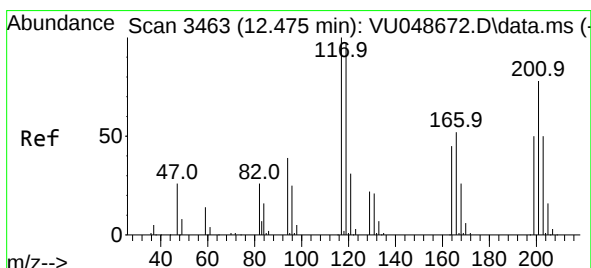
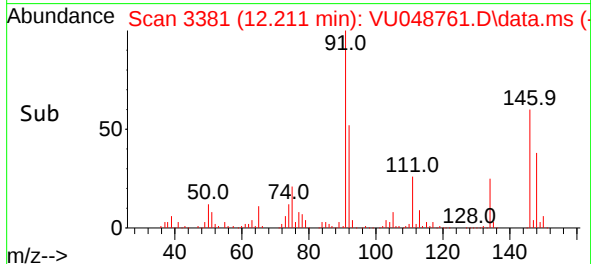
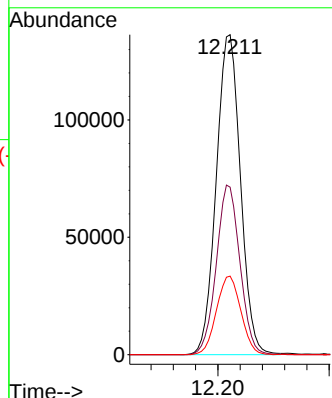
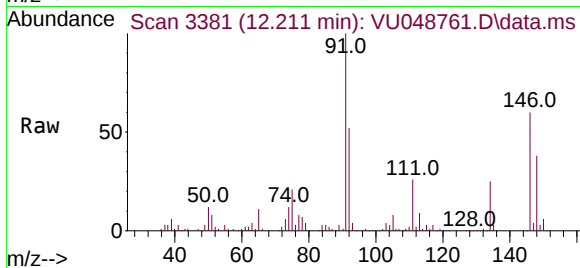
Tgt Ion: 91 Resp: 205847

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.8

134 24.7 12.5 37.5



#90

Hexachloroethane

Concen: 19.380 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048761.D

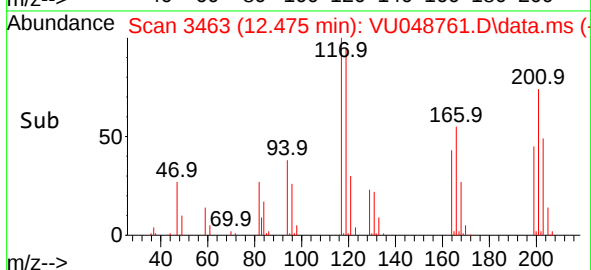
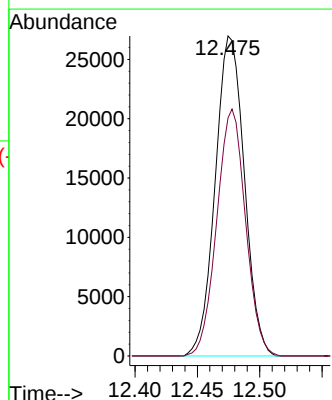
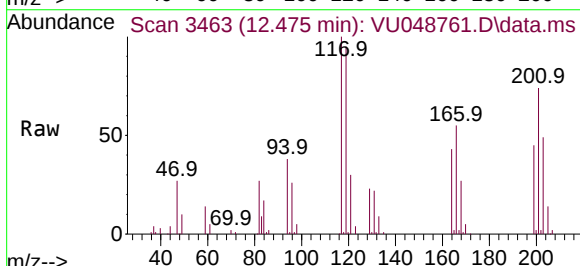
Acq: 01 Jun 2022 00:37

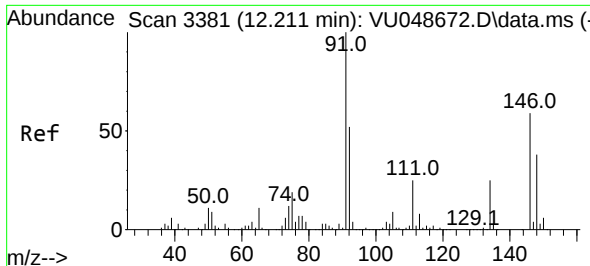
Tgt Ion: 117 Resp: 43908

Ion Ratio Lower Upper

117 100

201 76.1 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 20.329 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBS02

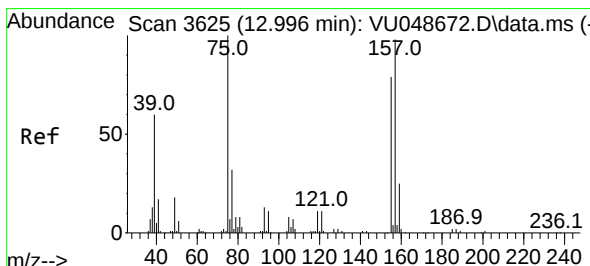
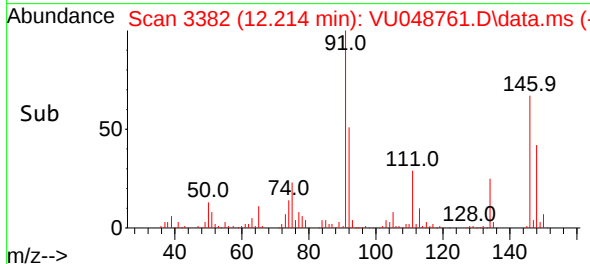
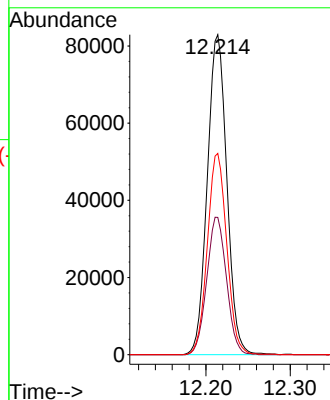
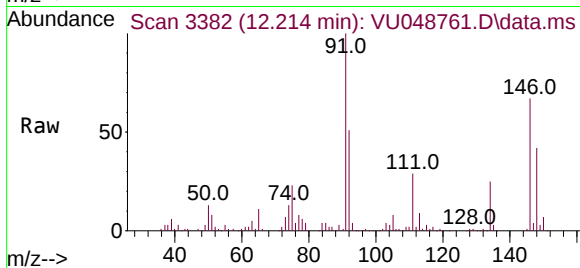
Tgt Ion:146 Resp: 133881

Ion Ratio Lower Upper

146 100

111 43.4 21.4 64.3

148 62.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.991 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

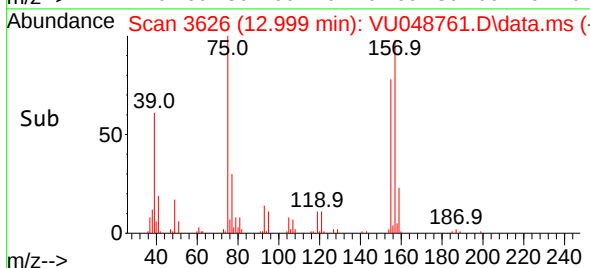
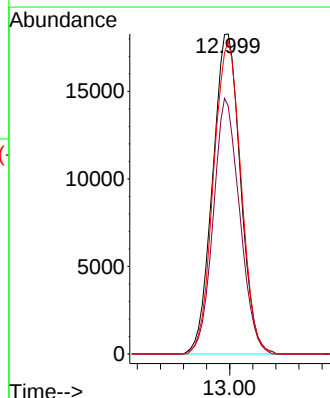
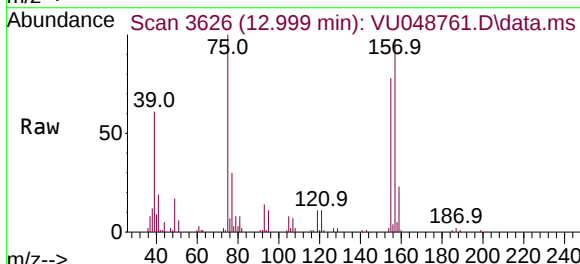
Tgt Ion: 75 Resp: 30535

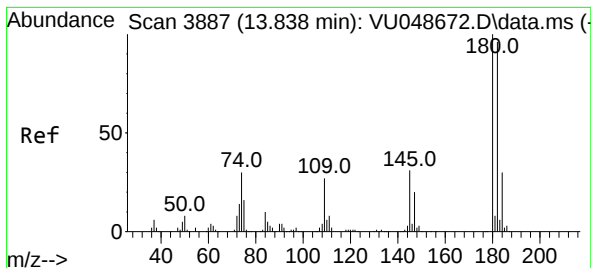
Ion Ratio Lower Upper

75 100

155 76.1 40.3 120.8

157 96.4 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 20.187 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

Instrument :

MSVOA_U

ClientSampleId :

VU0531MBS02

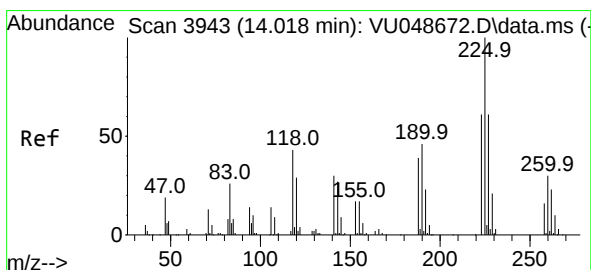
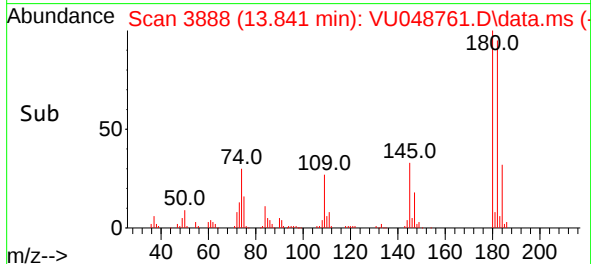
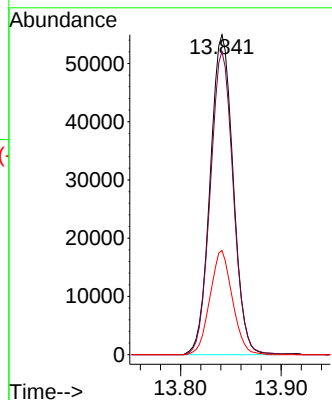
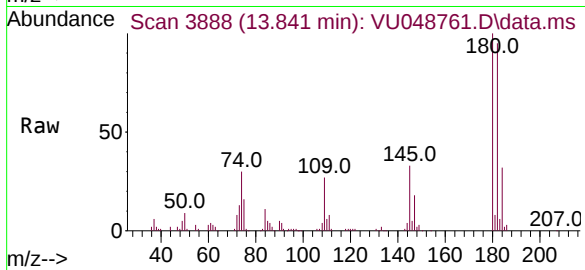
Tgt Ion:180 Resp: 87237

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.9

145 31.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 17.301 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048761.D

Acq: 01 Jun 2022 00:37

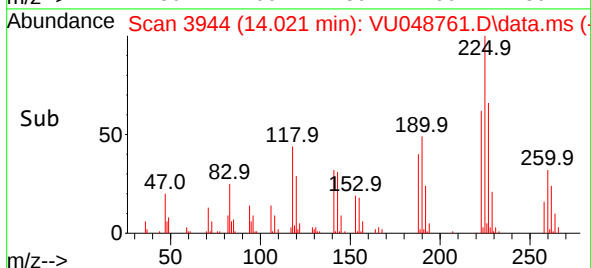
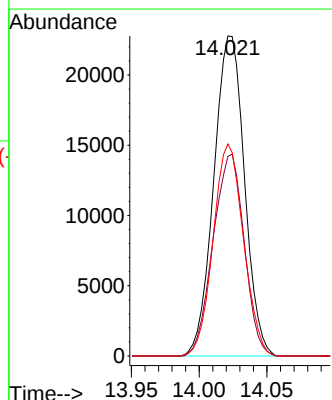
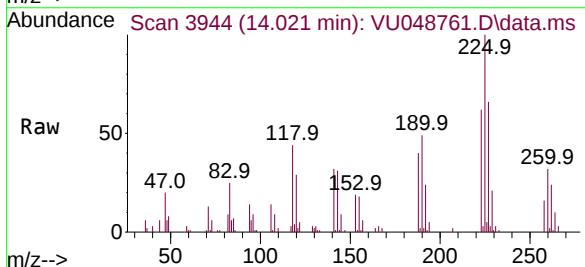
Tgt Ion:225 Resp: 35836

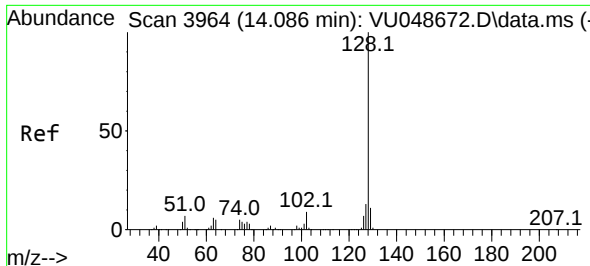
Ion Ratio Lower Upper

225 100

223 63.9 30.9 92.8

227 65.3 31.1 93.5

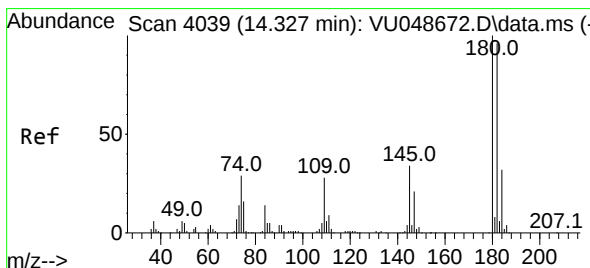
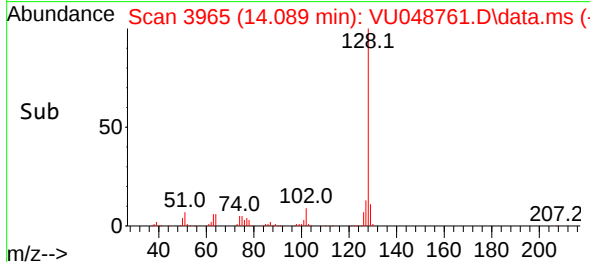
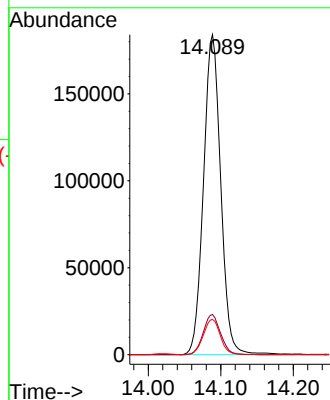
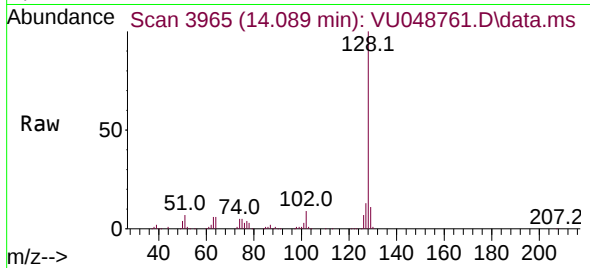




#95
Naphthalene
Concen: 21.646 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Instrument :
MSVOA_U
ClientSampleId :
VU0531MBSD02

Tgt Ion:128 Resp: 303910
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.998 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048761.D
Acq: 01 Jun 2022 00:37

Tgt Ion:180 Resp: 89878
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 33.3 16.6 49.8

