

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049451.D
 Acq On : 28 Jun 2022 12:26
 Operator : SY/MD
 Sample : VU0628MBS01
 Misc : 5.00G/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

Quant Time: Jun 28 17:08:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	260262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	454132	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	407925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	194196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192119	47.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.860%
35) Dibromofluoromethane	5.288	113	155450	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	7.896	98	561881	49.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	10.632	95	208084	47.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	71935	17.200	ug/l	99
3) Chloromethane	1.523	50	86691	16.415	ug/l	96
4) Vinyl Chloride	1.604	62	76099	18.073	ug/l	100
5) Bromomethane	1.851	94	32739	25.006	ug/l	99
6) Chloroethane	1.928	64	44604	23.999	ug/l	94
7) Trichlorofluoromethane	2.137	101	93387	17.403	ug/l	96
8) Diethyl Ether	2.375	74	39141	20.192	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	56174	19.456	ug/l	97
10) Methyl Iodide	2.723	142	75008	29.977	ug/l	94
11) Tert butyl alcohol	3.192	59	119070	126.919	ug/l	# 53
12) 1,1-Dichloroethene	2.581	96	56418	19.958	ug/l	91
13) Acrolein	2.488	56	49606	78.079	ug/l	99
14) Allyl chloride	2.922	41	113128	19.802	ug/l	# 87
15) Acrylonitrile	3.314	53	239800	106.279	ug/l	99
16) Acetone	2.629	43	193690	95.824	ug/l	99
17) Carbon Disulfide	2.790	76	160578	18.215	ug/l	100
18) Methyl Acetate	2.948	43	107616	19.668	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	217290	20.668	ug/l	99
20) Methylene Chloride	3.044	84	75863	22.132	ug/l	93
21) trans-1,2-Dichloroethene	3.353	96	59735	19.603	ug/l	90
22) Diisopropyl ether	3.993	45	222693	20.416	ug/l	# 78
23) Vinyl Acetate	3.954	43	988308	103.375	ug/l	95
24) 1,1-Dichloroethane	3.870	63	123373	19.691	ug/l	97
25) 2-Butanone	4.703	43	318271	105.067	ug/l	94
26) 2,2-Dichloropropane	4.665	77	95685	18.349	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	74543	21.172	ug/l	93
28) Bromochloromethane	4.973	49	55159	20.141	ug/l	# 79
29) Tetrahydrofuran	5.050	42	216338	104.105	ug/l	88
30) Chloroform	5.089	83	121202	19.556	ug/l	100
31) Cyclohexane	5.388	56	111893	18.592	ug/l	94
32) 1,1,1-Trichloroethane	5.317	97	103411	19.230	ug/l	97
36) 1,1-Dichloropropene	5.526	75	85100	18.472	ug/l	97
37) Ethyl Acetate	4.803	43	118868	18.882	ug/l	# 92
38) Carbon Tetrachloride	5.526	117	86795	17.964	ug/l	98
39) Methylcyclohexane	6.761	83	102871	18.629	ug/l	92
40) Benzene	5.774	78	267187	19.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	63452	20.115	ug/l #	87
42) 1,2-Dichloroethane	5.796	62	94725	18.298	ug/l	98
43) Isopropyl Acetate	5.912	43	177684	19.263	ug/l	98
44) Trichloroethene	6.542	130	62375	18.865	ug/l	86
45) 1,2-Dichloropropane	6.790	63	73105	18.969	ug/l	100
46) Dibromomethane	6.919	93	49604	19.305	ug/l	92
47) Bromodichloromethane	7.105	83	91641	18.530	ug/l	99
48) Methyl methacrylate	6.957	41	85439	19.765	ug/l	86
49) 1,4-Dioxane	6.983	88	50733	458.088	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	600427	97.261	ug/l	97
52) Toluene	7.970	92	163075	19.726	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	100809	19.002	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	110521	19.512	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	69623	20.369	ug/l	98
56) Ethyl methacrylate	8.333	69	117107	20.485	ug/l	92
57) 1,3-Dichloropropane	8.574	76	118221	19.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	51527	122.313	ug/l	96
59) 2-Hexanone	8.684	43	462603	95.291	ug/l	96
60) Dibromochloromethane	8.809	129	70036	19.704	ug/l	98
61) 1,2-Dibromoethane	8.925	107	72727	19.525	ug/l	97
64) Tetrachloroethene	8.552	164	50242	19.203	ug/l	93
65) Chlorobenzene	9.446	112	164595	19.737	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	63139	20.070	ug/l	97
67) Ethyl Benzene	9.571	91	305634	19.963	ug/l	97
68) m/p-Xylenes	9.693	106	228327	40.306	ug/l	91
69) o-Xylene	10.098	106	114503	20.361	ug/l	89
70) Styrene	10.115	104	184398	20.407	ug/l	96
71) Bromoform	10.288	173	51712	19.165	ug/l #	100
73) Isopropylbenzene	10.484	105	294155	21.264	ug/l	97
74) N-amyl acetate	10.320	43	153274	20.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	117571	20.063	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	131495	19.975	ug/l	98
77) Bromobenzene	10.780	156	70598	20.907	ug/l	86
78) n-propylbenzene	10.906	91	341031	20.288	ug/l	96
79) 2-Chlorotoluene	10.986	91	212148	20.485	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	250676	20.756	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.545	75	34081	19.118	ug/l	91
82) 4-Chlorotoluene	11.095	91	233046	20.008	ug/l	94
83) tert-Butylbenzene	11.420	119	245897	20.701	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	249145	20.999	ug/l	95
85) sec-Butylbenzene	11.642	105	302296	20.241	ug/l	96
86) p-Isopropyltoluene	11.793	119	248192	20.549	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	125720	19.474	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	127433	19.639	ug/l	97
89) n-Butylbenzene	12.208	91	213302	19.078	ug/l	98
90) Hexachloroethane	12.475	117	42011	17.463	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	131736	20.309	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	29151	19.400	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	85158	20.630	ug/l	97
94) Hexachlorobutadiene	14.021	225	36253	18.017	ug/l	99
95) Naphthalene	14.085	128	326351	22.456	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	89130	20.624	ug/l	98

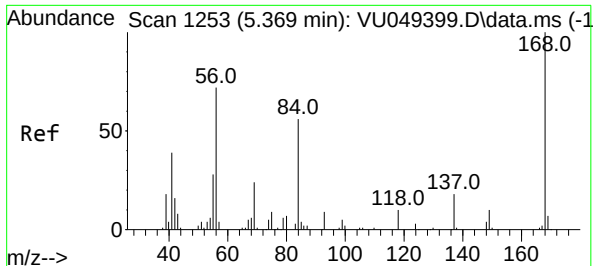
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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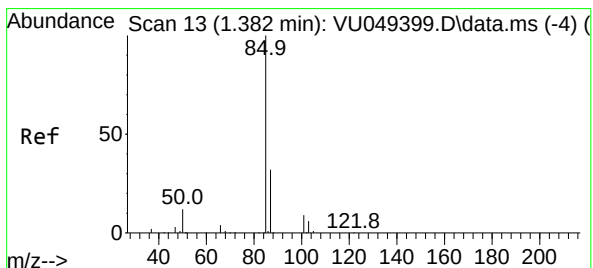
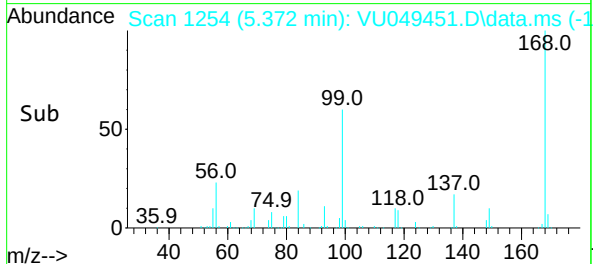
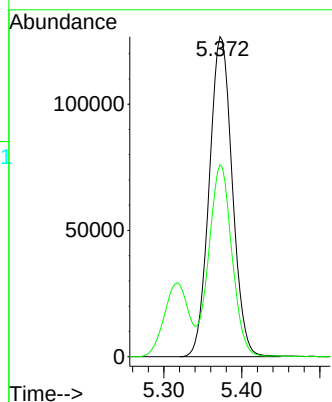
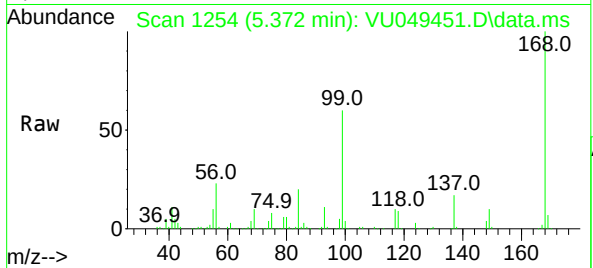
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

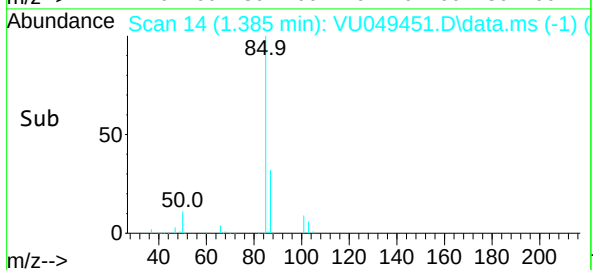
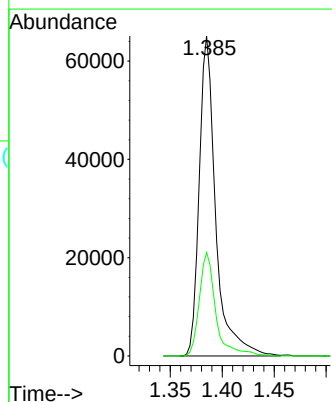
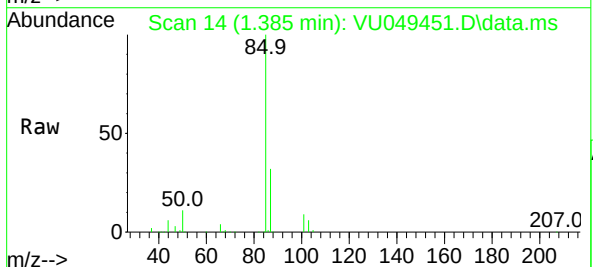
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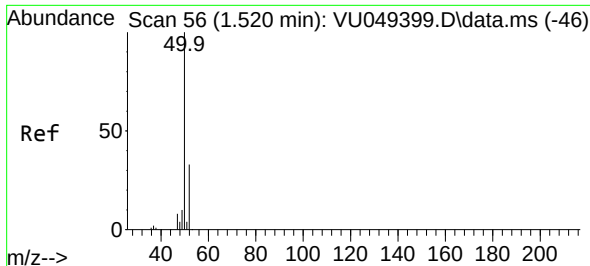
Tgt Ion:168 Resp: 260262
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 17.200 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 85 Resp: 71935
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.2

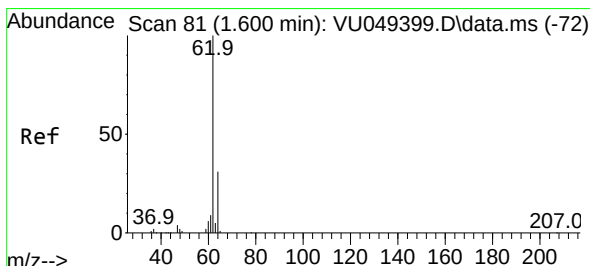
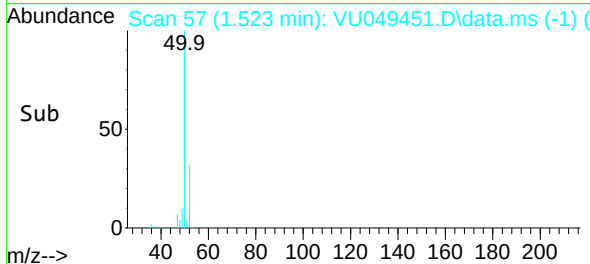
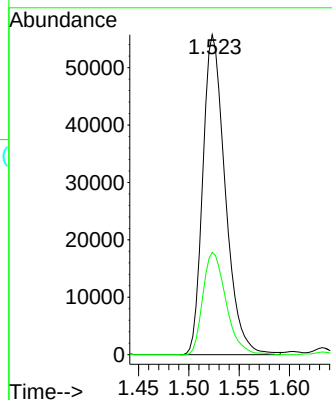
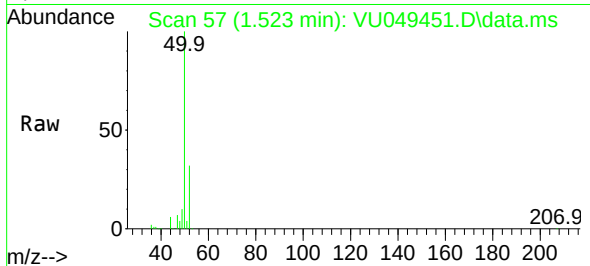




#3
Chloromethane
Concen: 16.415 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

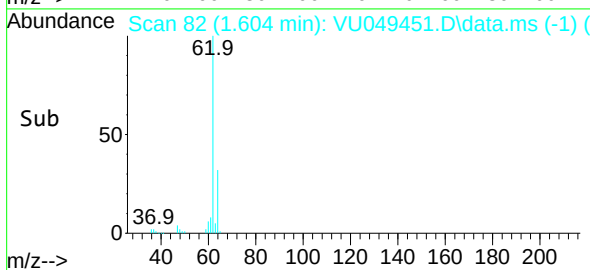
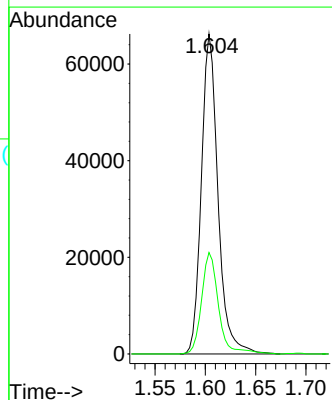
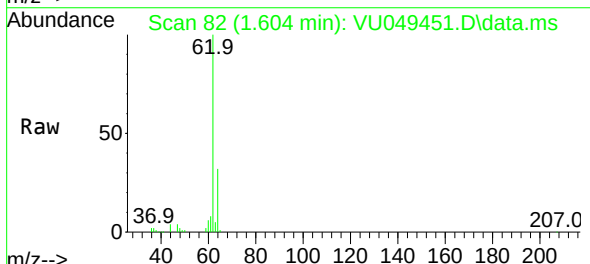
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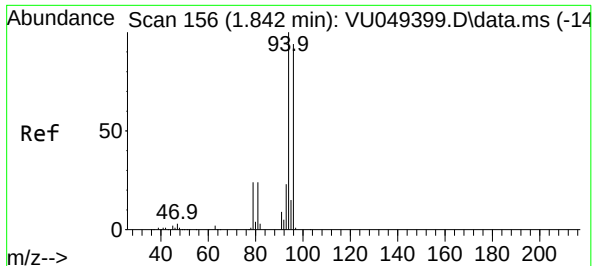
Tgt Ion: 50 Resp: 86691
Ion Ratio Lower Upper
50 100
52 31.9 27.4 41.2



#4
Vinyl Chloride
Concen: 18.073 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 62 Resp: 76099
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

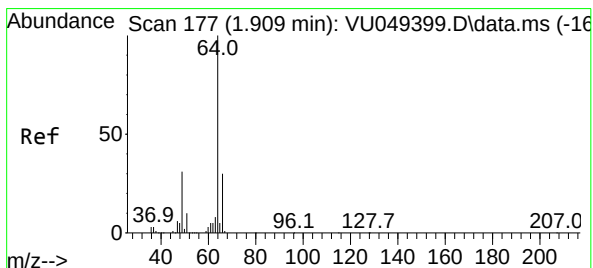
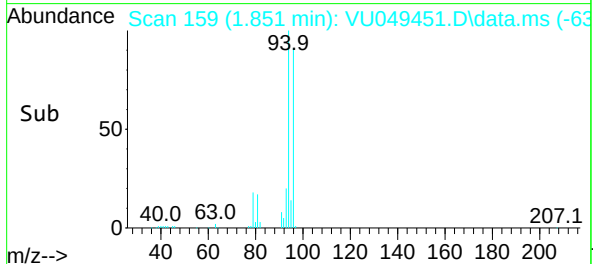
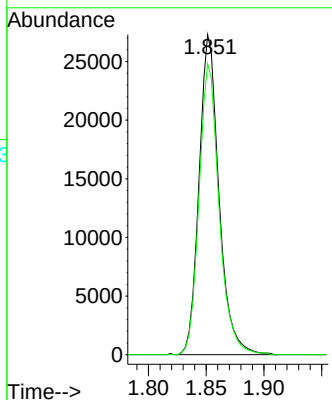
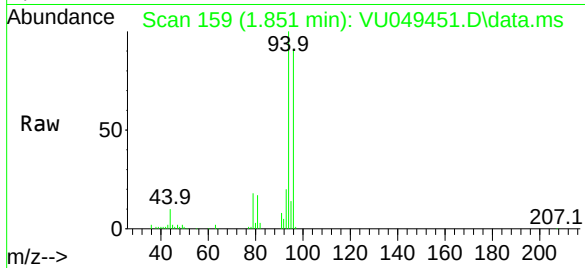




#5
Bromomethane
Concen: 25.006 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

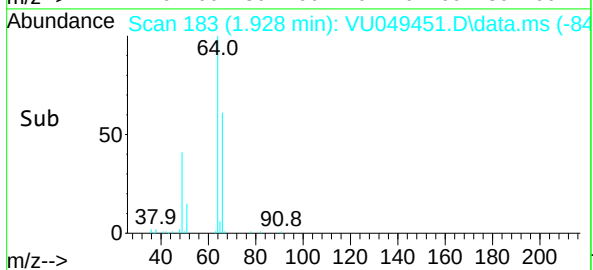
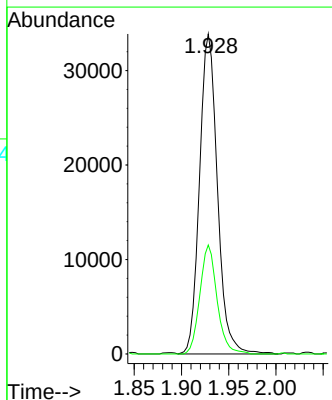
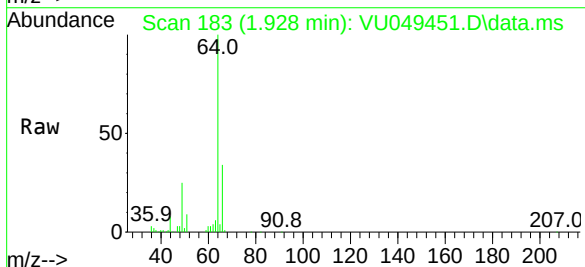
Instrument :
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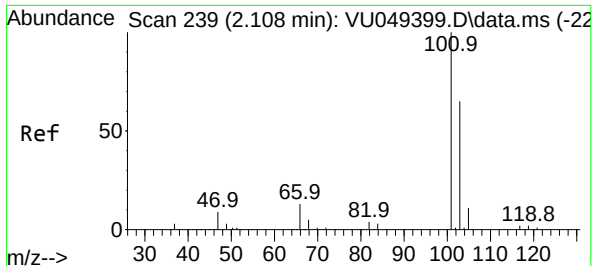
Tgt Ion: 94 Resp: 32739
Ion Ratio Lower Upper
94 100
96 90.9 73.7 110.5



#6
Chloroethane
Concen: 23.999 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.019 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 64 Resp: 44604
Ion Ratio Lower Upper
64 100
66 34.1 24.7 37.1

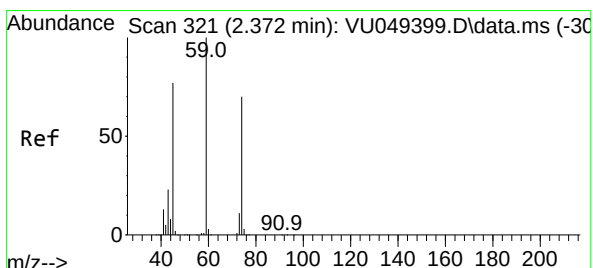
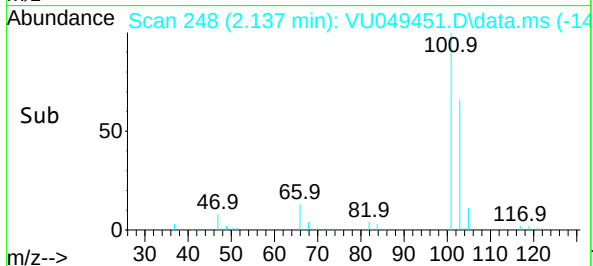
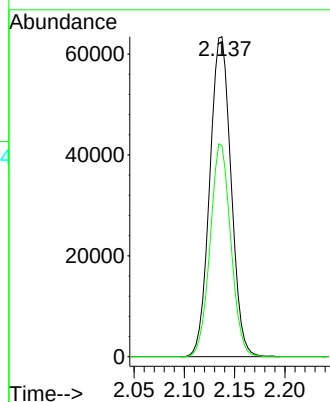
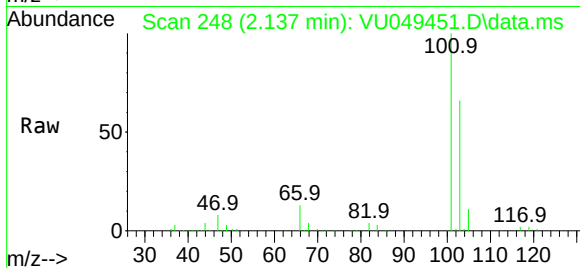




#7
 Trichlorofluoromethane
 Concen: 17.403 ug/l
 RT: 2.137 min Scan# 24
 Delta R.T. 0.029 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

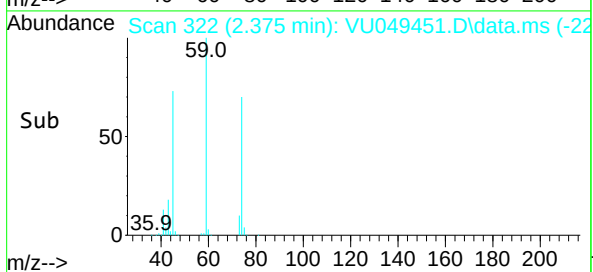
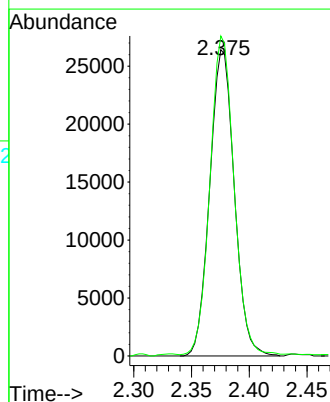
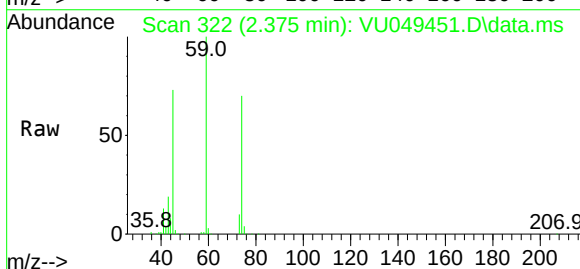
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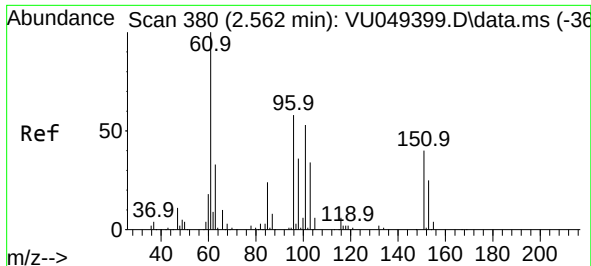
Tgt Ion:101 Resp: 93387
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.6 75.8



#8
 Diethyl Ether
 Concen: 20.192 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion: 74 Resp: 39141
 Ion Ratio Lower Upper
 74 100
 45 101.1 44.4 133.2

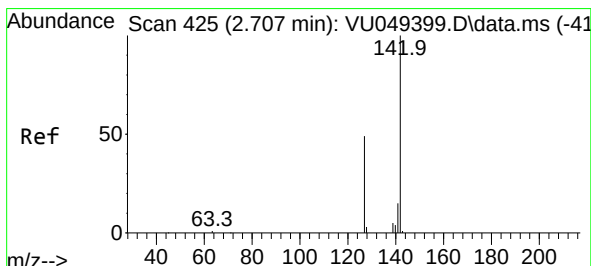
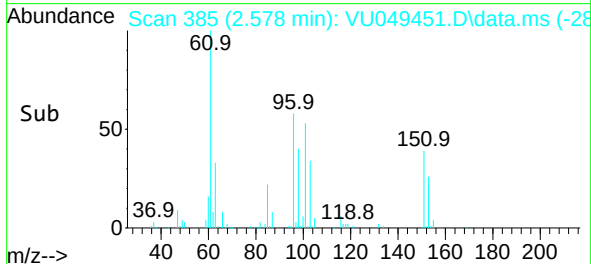
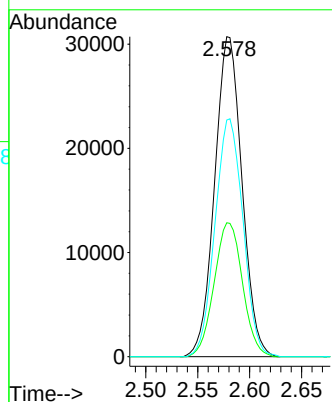
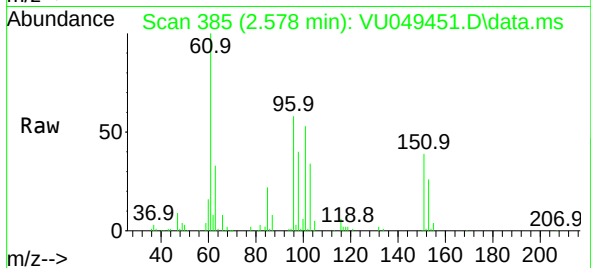




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.456 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049451.D
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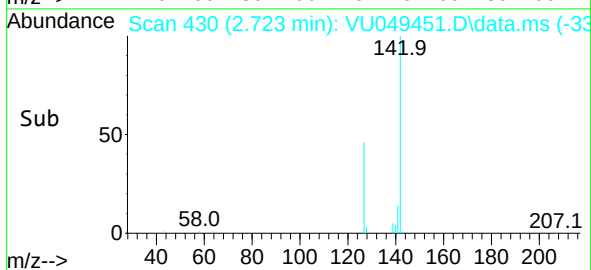
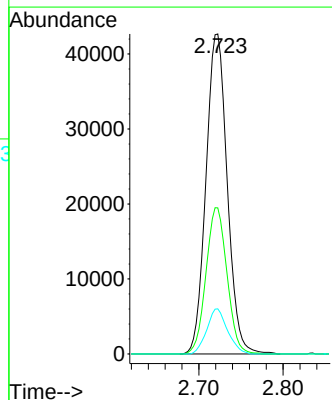
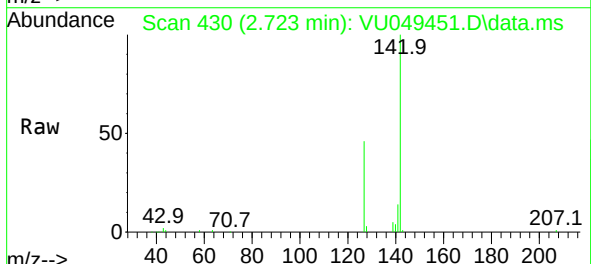
Instrument :
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ClientSampleId :
VU0628MBS01

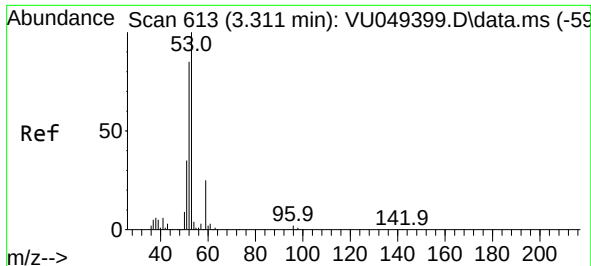
Tgt Ion:101 Resp: 56174
Ion Ratio Lower Upper
101 100
85 43.4 33.9 50.9
151 76.1 64.0 96.0



#10
Methyl Iodide
Concen: 29.977 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.016 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:142 Resp: 75008
Ion Ratio Lower Upper
142 100
127 45.1 32.5 48.7
141 13.8 11.4 17.0

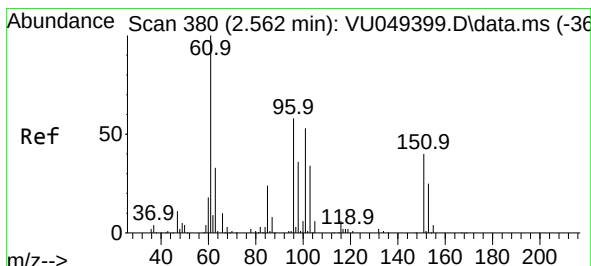
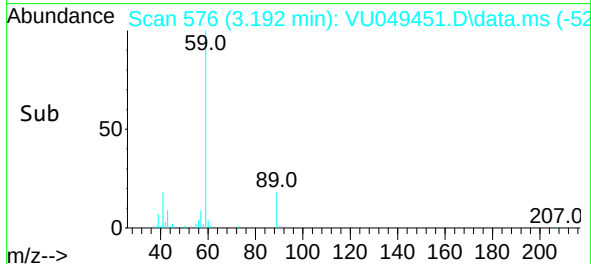
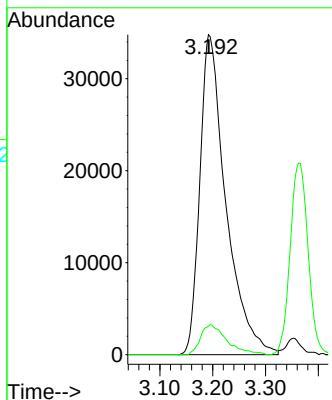
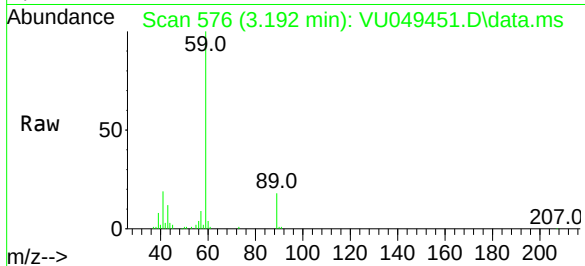




#11
Tert butyl alcohol
Concen: 126.919 ug/l
RT: 3.192 min Scan# 51
Delta R.T. -0.119 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

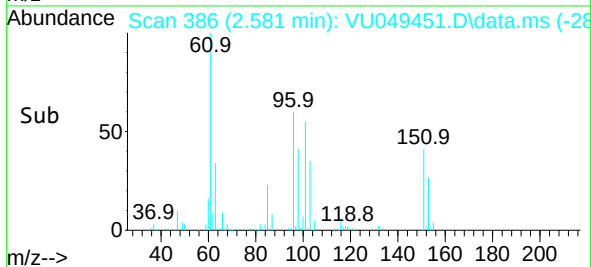
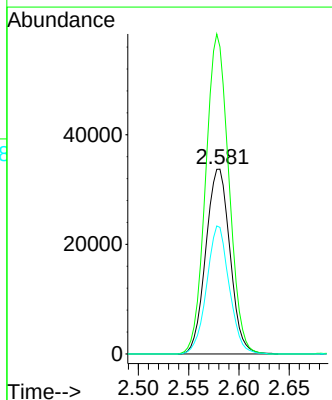
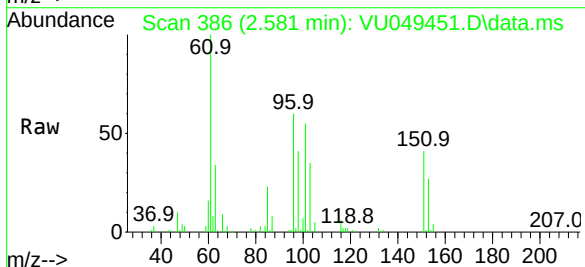
Instrument :
MSVOA_U
ClientSampleId :
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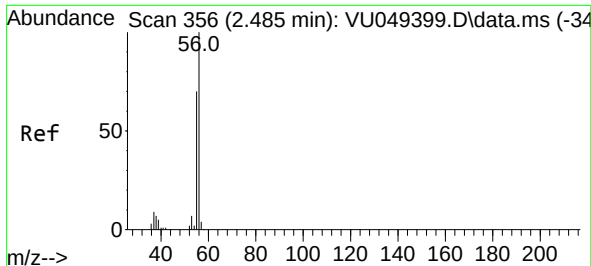
Tgt Ion: 59 Resp: 119070
Ion Ratio Lower Upper
59 100
57 9.5 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 19.958 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 96 Resp: 56418
Ion Ratio Lower Upper
96 100
61 166.1 122.2 183.2
98 68.5 50.7 76.1

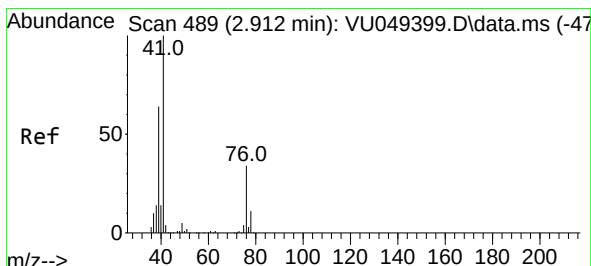
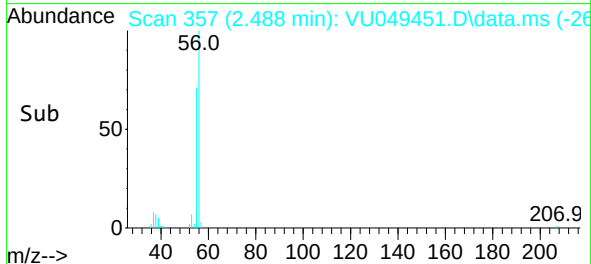
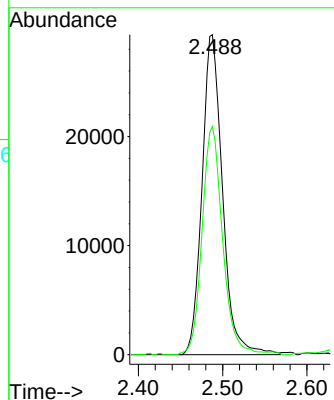
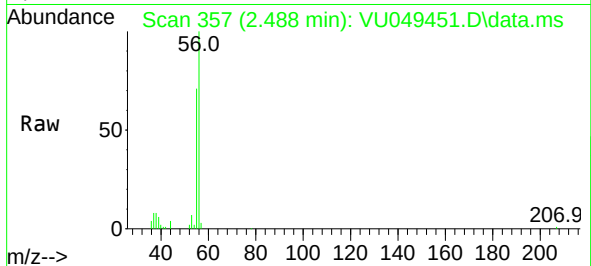




#13
Acrolein
Concen: 78.079 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

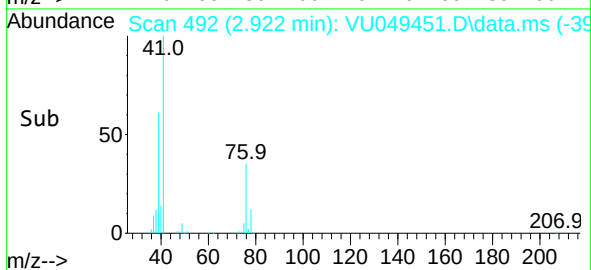
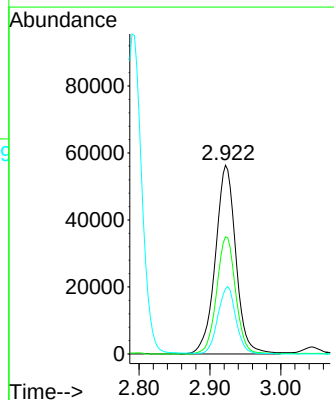
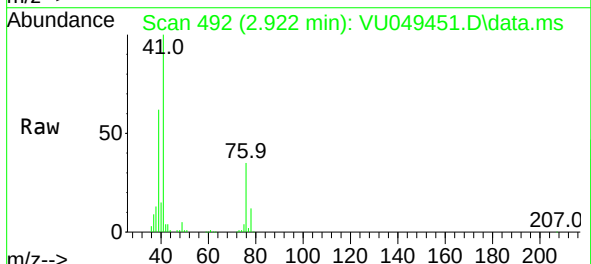
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ClientSampleId :
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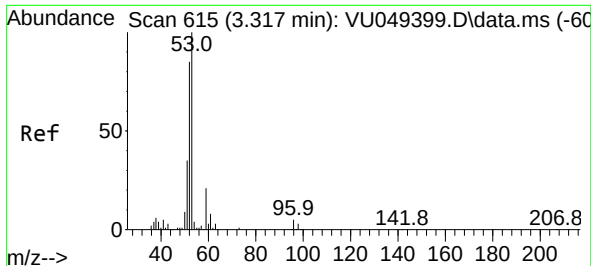
Tgt Ion: 56 Resp: 49606
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#14
Allyl chloride
Concen: 19.802 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.010 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 41 Resp: 113128
Ion Ratio Lower Upper
41 100
39 57.8 53.4 80.2
76 31.5 33.8 50.6#

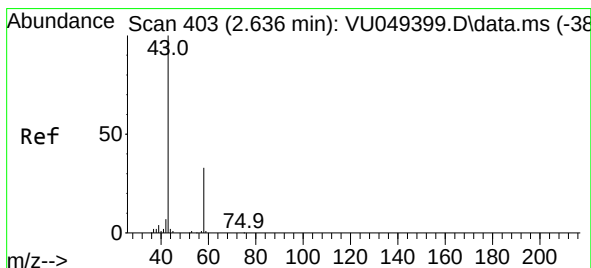
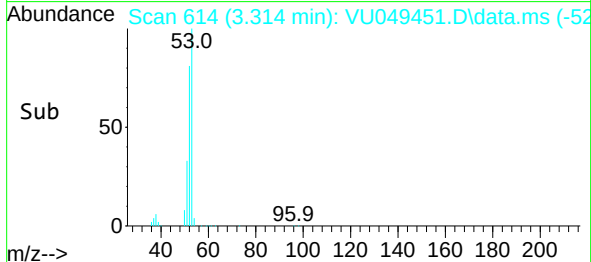
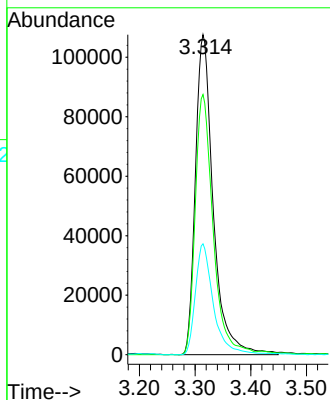
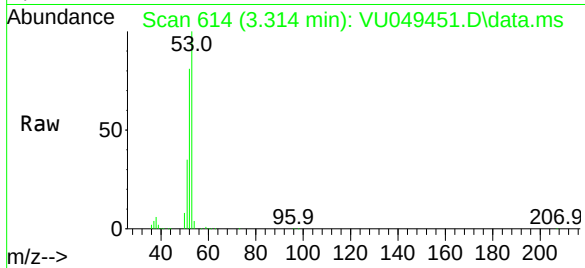




#15
Acrylonitrile
Concen: 106.279 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

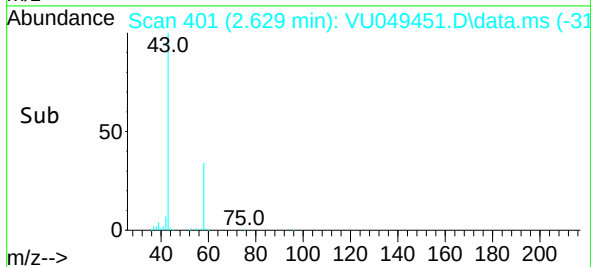
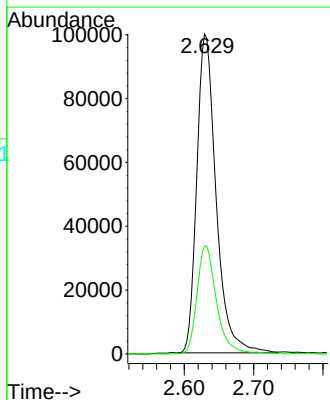
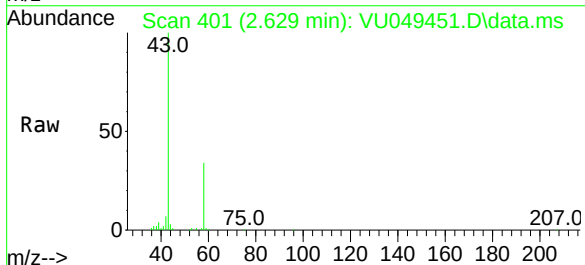
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

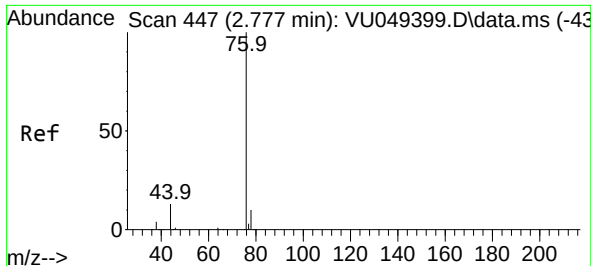
Tgt Ion: 53 Resp: 239800
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 35.2 28.2 42.4



#16
Acetone
Concen: 95.824 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 43 Resp: 193690
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3

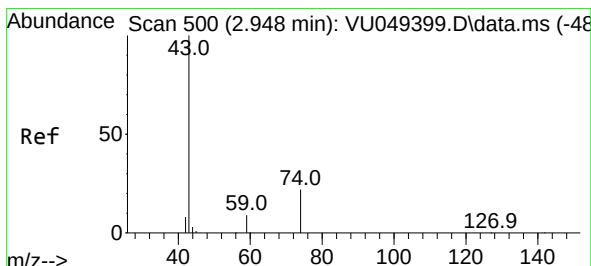
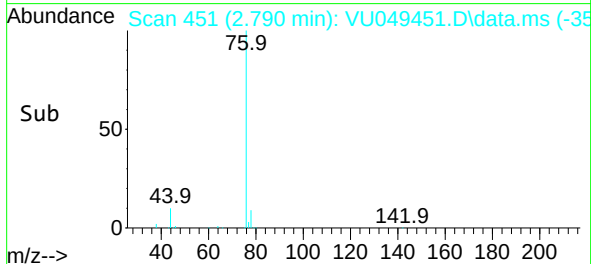
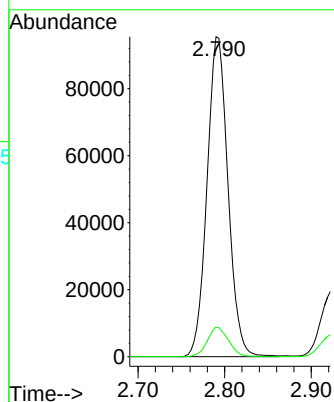
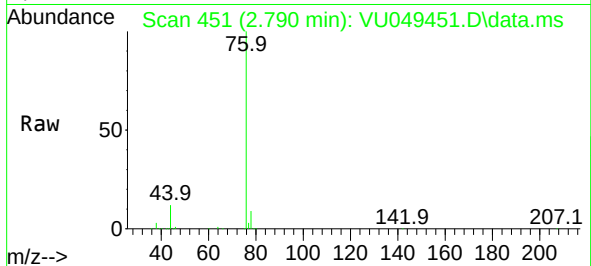




#17
Carbon Disulfide
Concen: 18.215 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

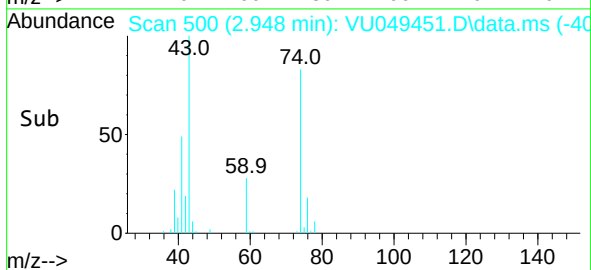
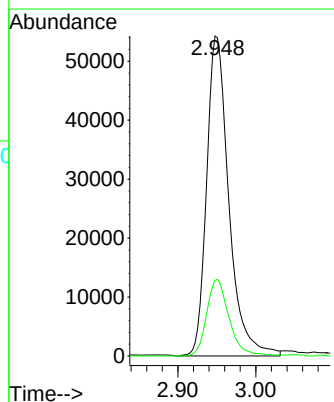
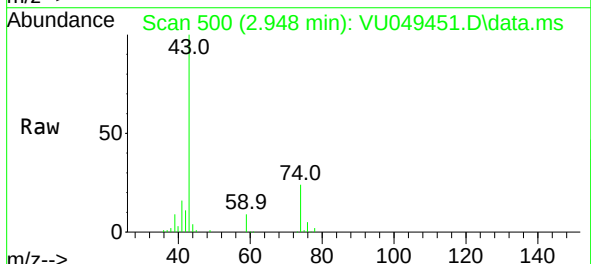
Instrument :
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ClientSampleId :
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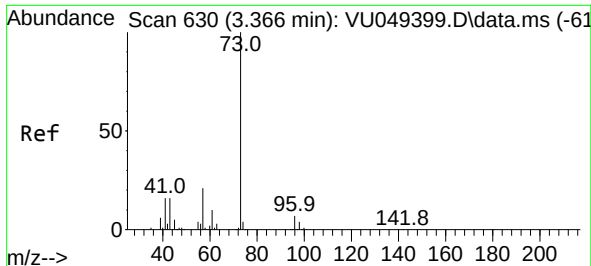
Tgt Ion: 76 Resp: 160578
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.668 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 43 Resp: 107616
Ion Ratio Lower Upper
43 100
74 24.1 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 20.668 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

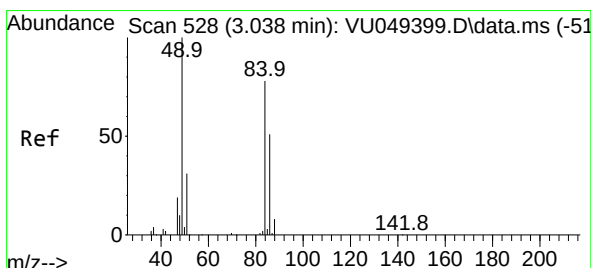
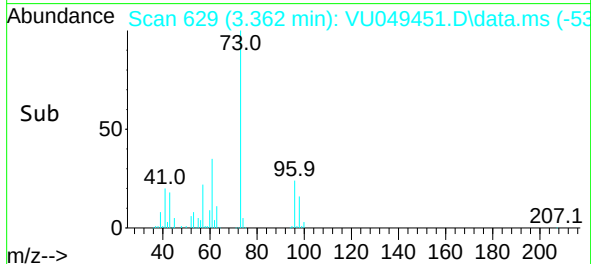
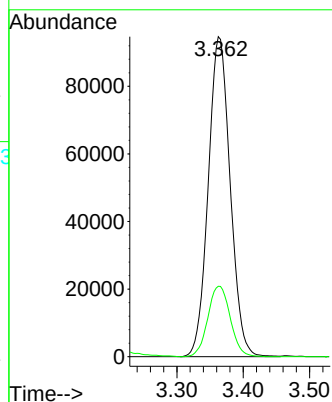
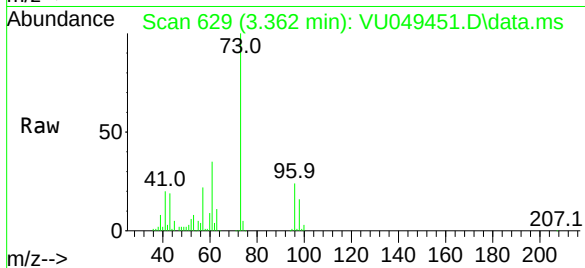
VU0628MBS01

Tgt Ion: 73 Resp: 217290

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7



#20

Methylene Chloride

Concen: 22.132 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Tgt Ion: 84 Resp: 75863

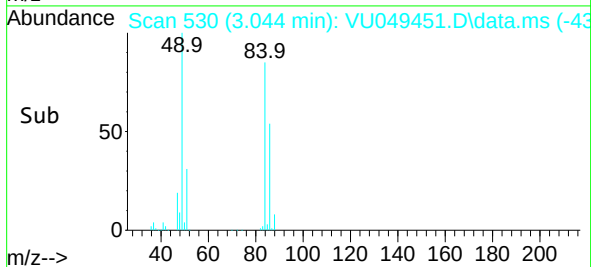
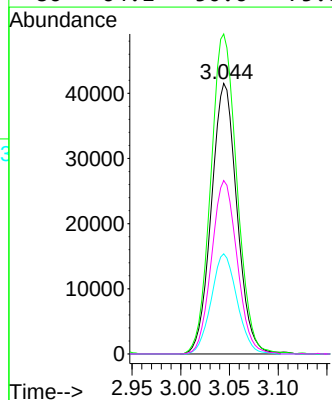
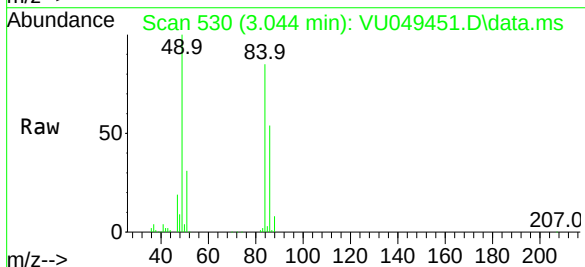
Ion Ratio Lower Upper

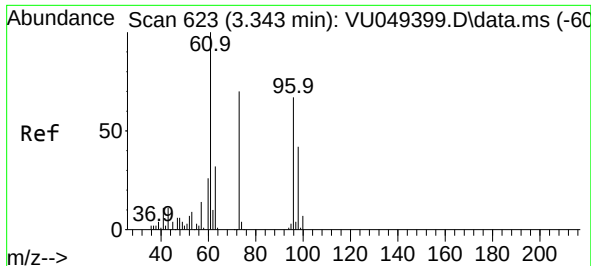
84 100

49 118.3 86.6 129.8

51 37.1 26.6 40.0

86 64.1 50.6 75.8

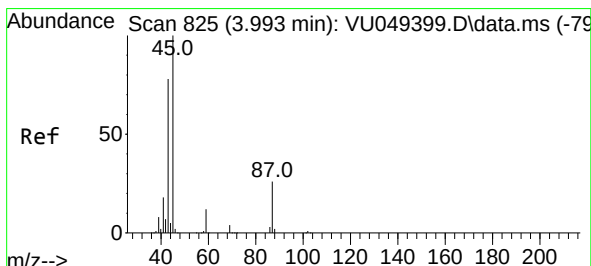
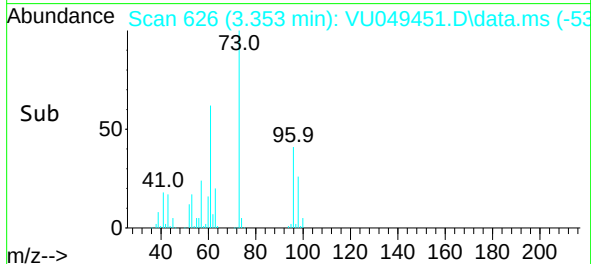
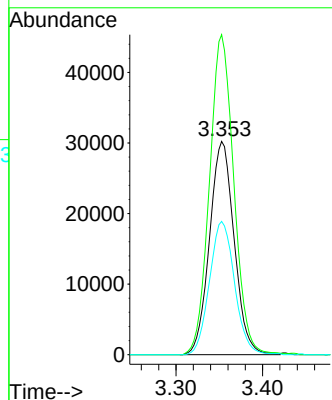
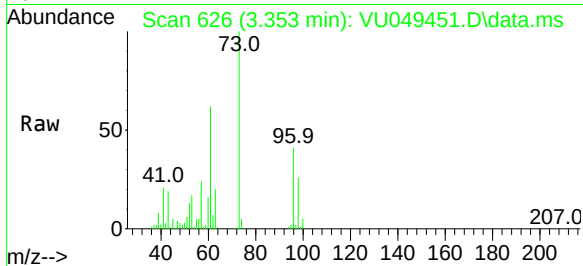




#21
trans-1,2-Dichloroethene
Concen: 19.603 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

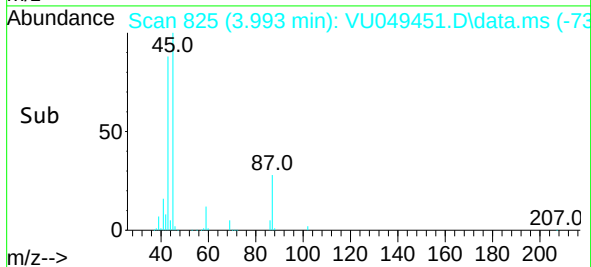
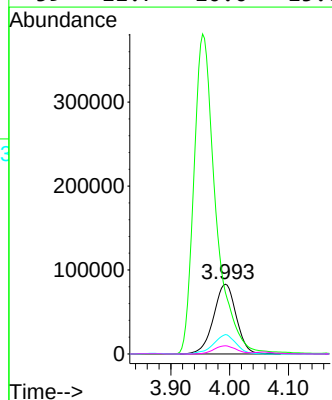
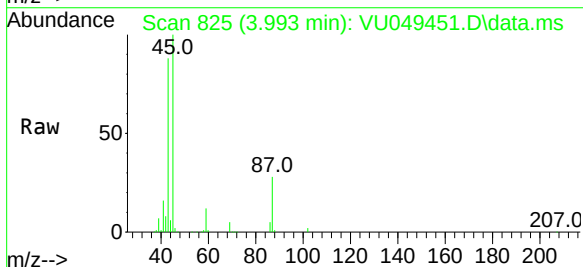
Instrument :
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ClientSampleId :
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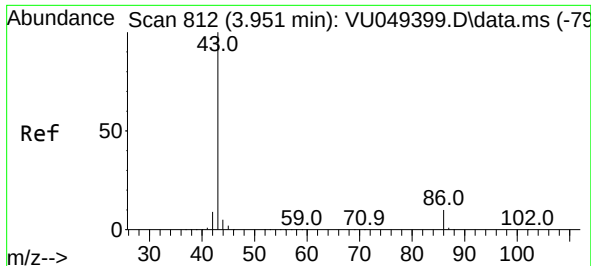
Tgt Ion: 96 Resp: 59735
Ion Ratio Lower Upper
96 100
61 150.0 106.1 159.1
98 62.5 50.8 76.2



#22
Diisopropyl ether
Concen: 20.416 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 45 Resp: 222693
Ion Ratio Lower Upper
45 100
43 85.8 92.9 139.3#
87 27.7 26.2 39.2
59 11.7 10.0 15.0

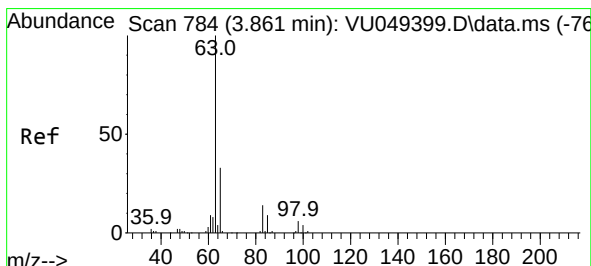
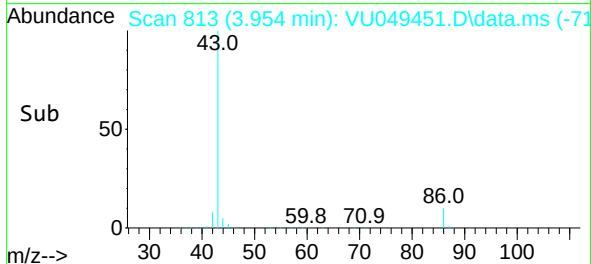
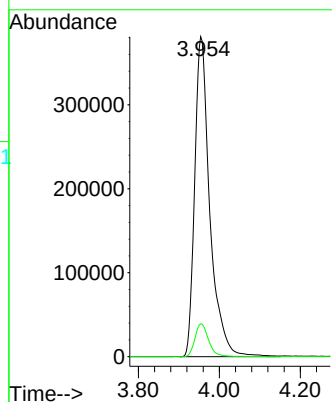
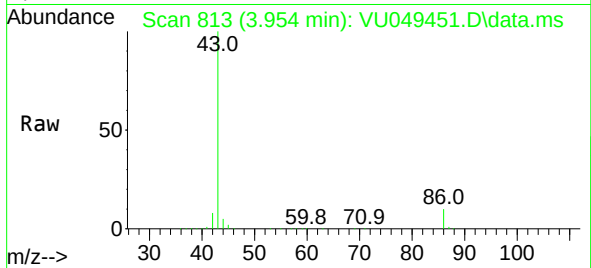




#23
 Vinyl Acetate
 Concen: 103.375 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

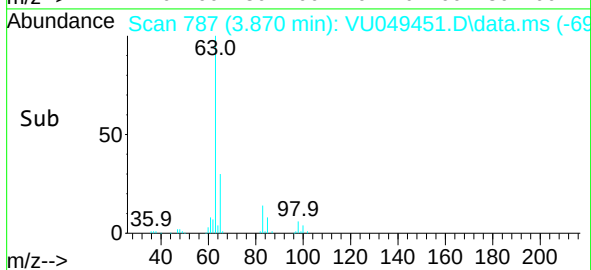
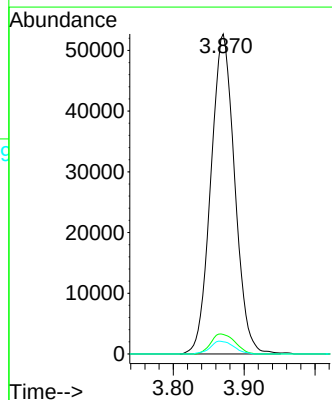
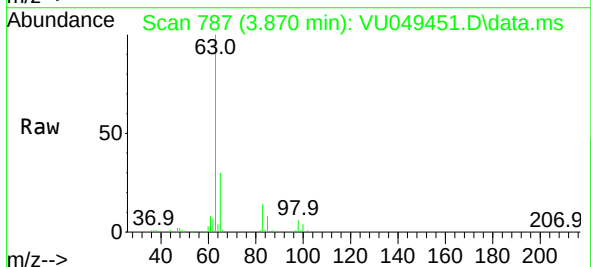
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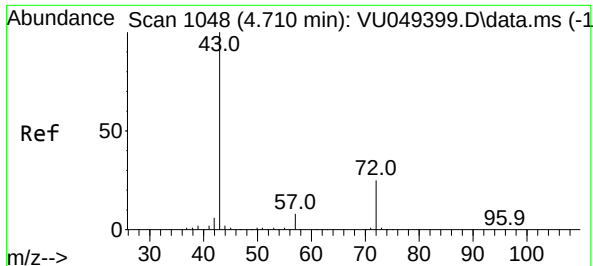
Tgt Ion: 43 Resp: 988308
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 19.691 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.010 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion: 63 Resp: 123373
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 3.8 2.4 7.2

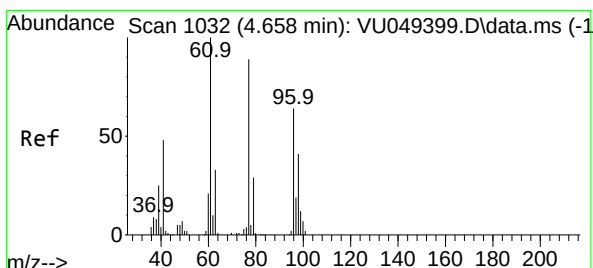
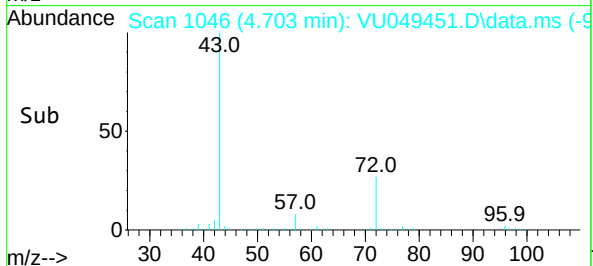
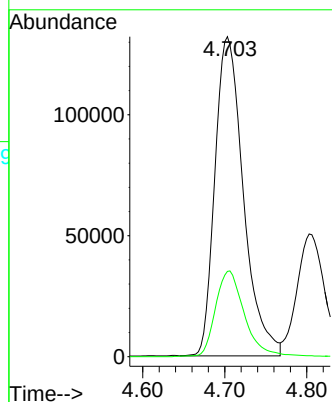
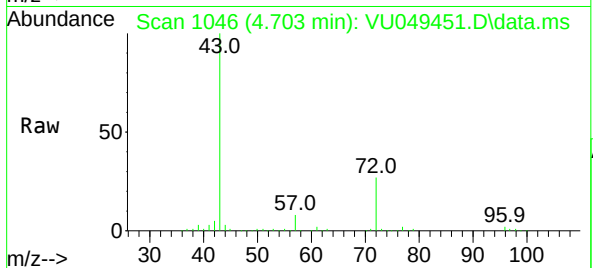




#25
2-Butanone
Concen: 105.067 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

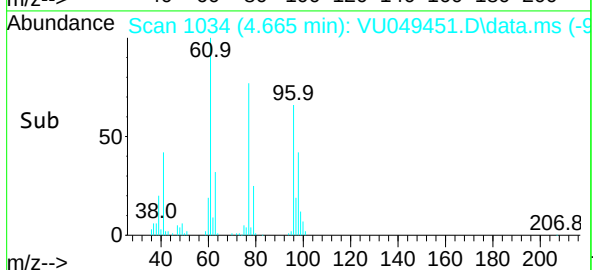
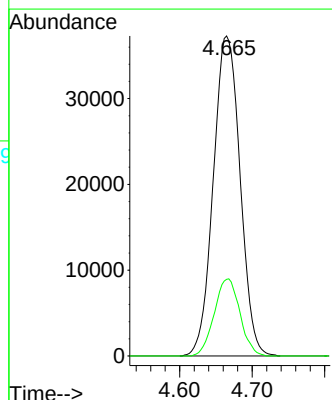
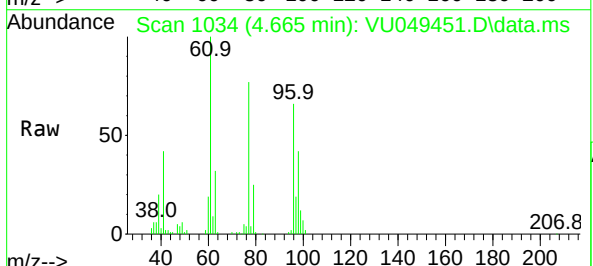
Instrument :
MSVOA_U
ClientSampleId :
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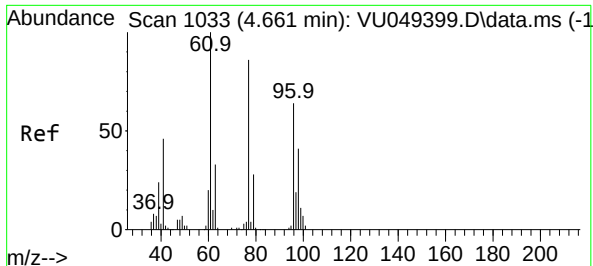
Tgt Ion: 43 Resp: 318271
Ion Ratio Lower Upper
43 100
72 26.6 23.8 35.6



#26
2,2-Dichloropropane
Concen: 18.349 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 77 Resp: 95685
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.8

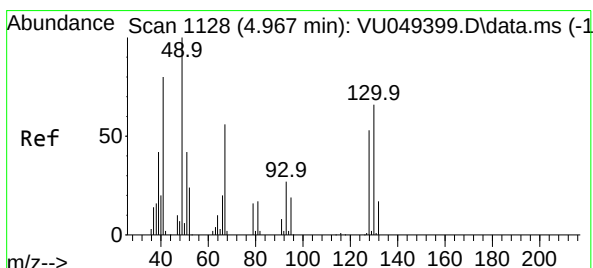
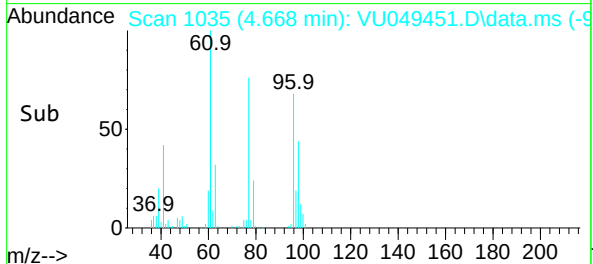
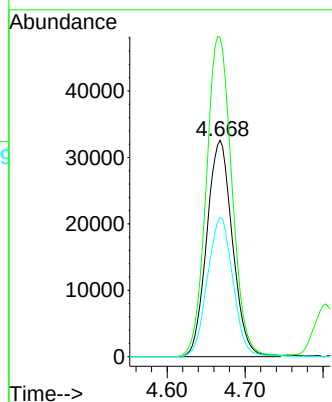
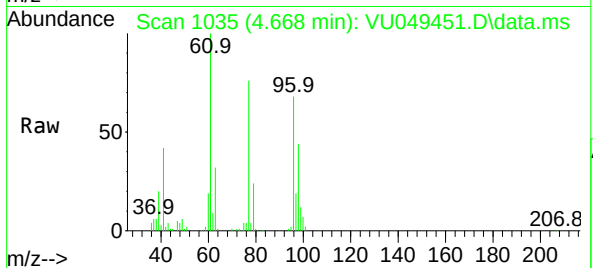




#27
 cis-1,2-Dichloroethene
 Concen: 21.172 ug/l
 RT: 4.668 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

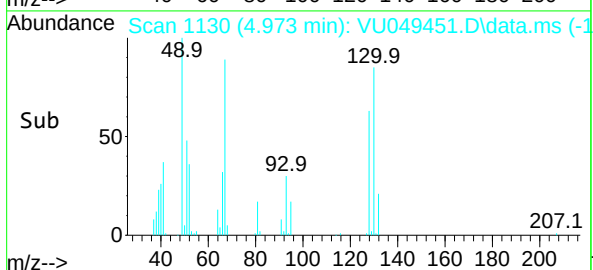
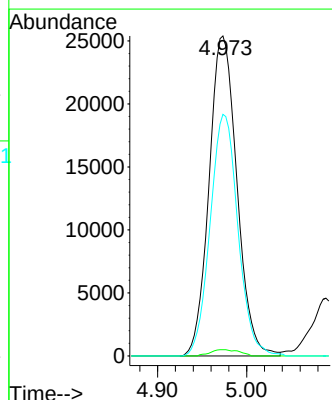
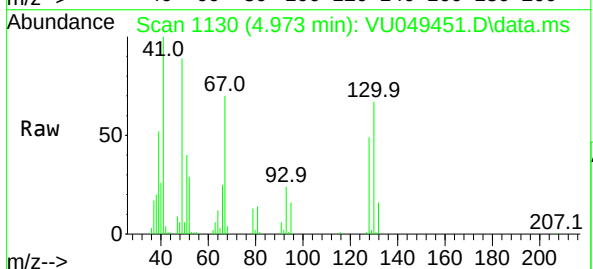
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

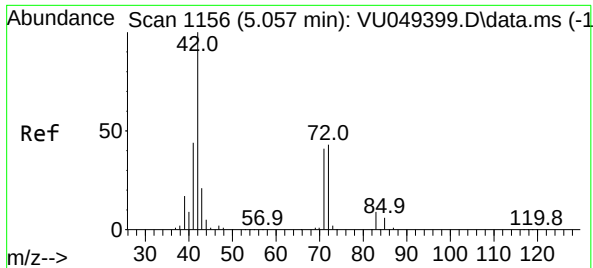
Tgt Ion: 96 Resp: 74543
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 271.6
 98 63.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 20.141 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion: 49 Resp: 55159
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 75.4 76.9 115.3#





#29

Tetrahydrofuran

Concen: 104.105 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

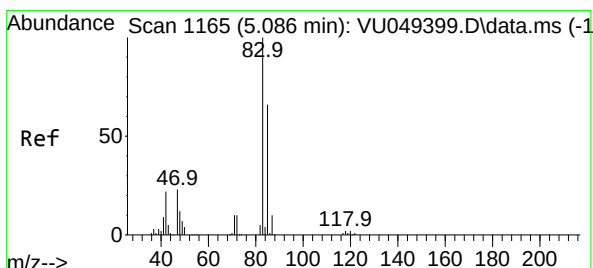
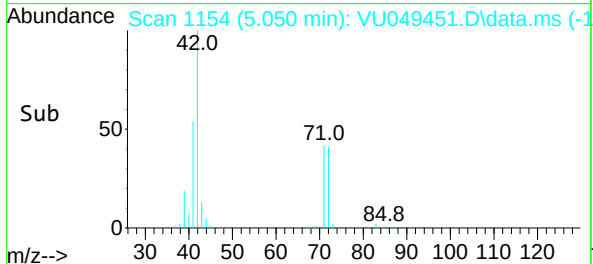
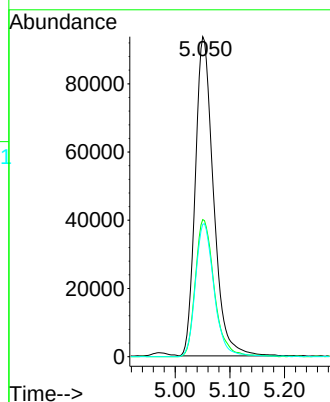
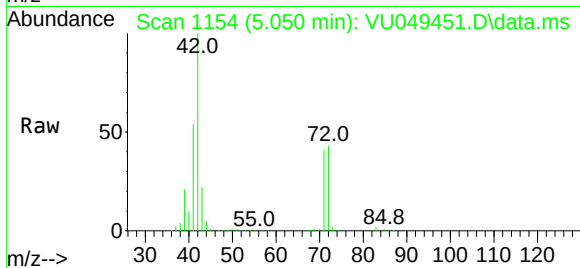
Tgt Ion: 42 Resp: 216338

Ion Ratio Lower Upper

42 100

72 44.8 42.6 63.8

71 42.5 40.3 60.5



#30

Chloroform

Concen: 19.556 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049451.D

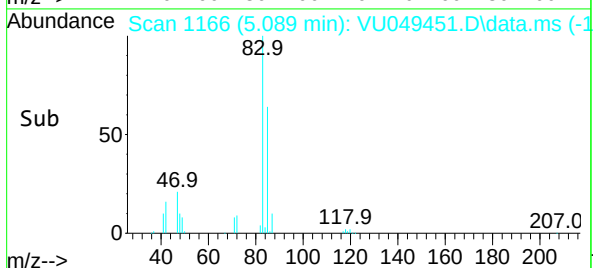
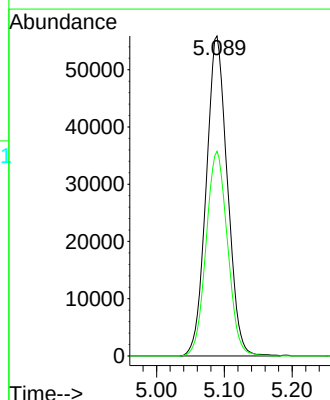
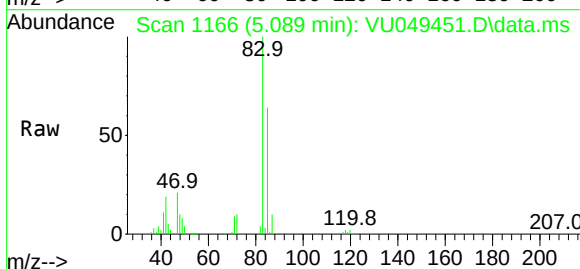
Acq: 28 Jun 2022 12:26

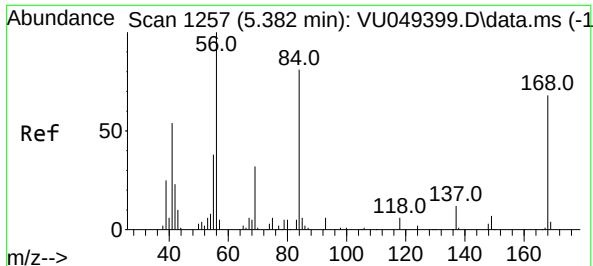
Tgt Ion: 83 Resp: 121202

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

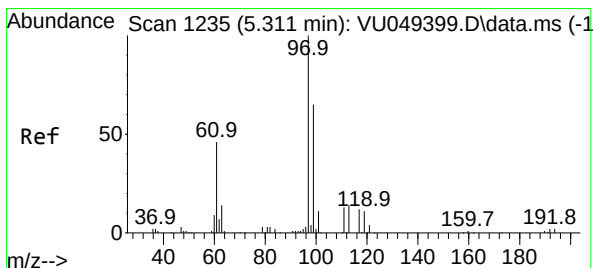
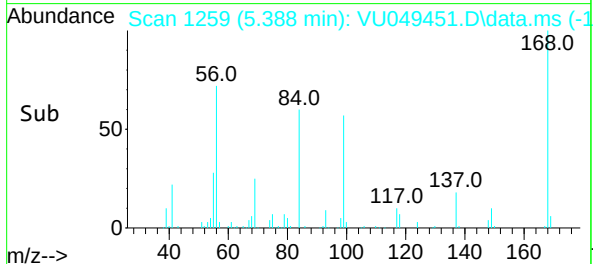
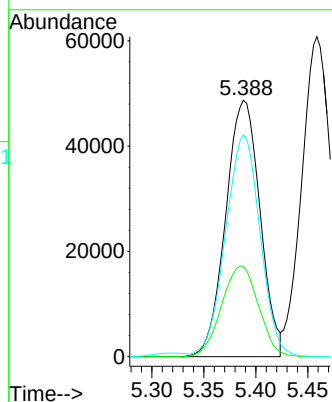
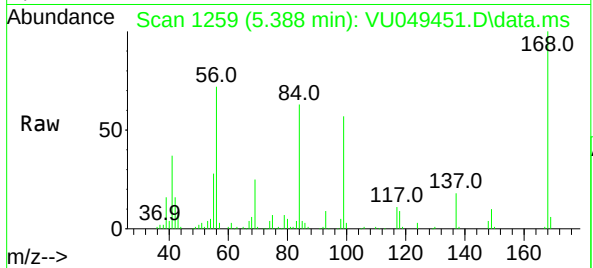




#31
Cyclohexane
Concen: 18.592 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

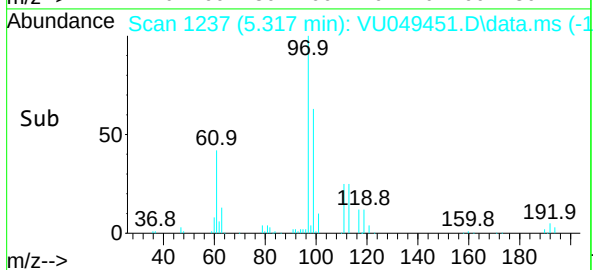
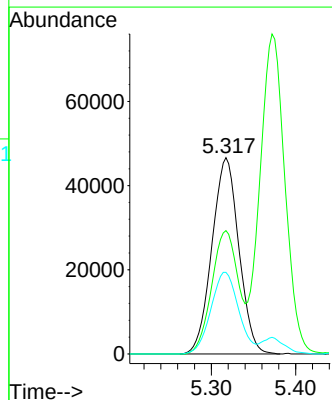
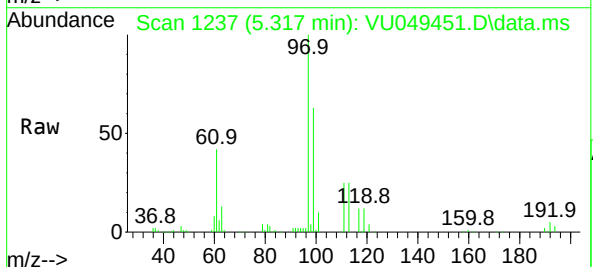
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

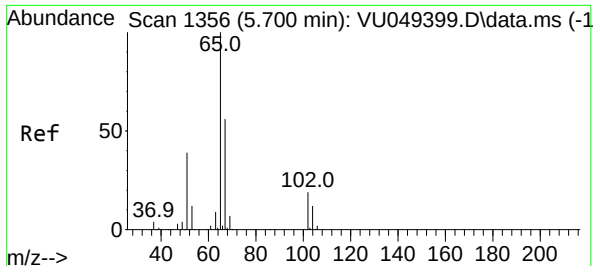
Tgt Ion: 56 Resp: 111893
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 85.2 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 19.230 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 97 Resp: 103411
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.6
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.931 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

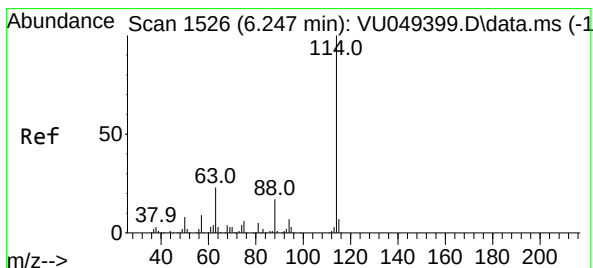
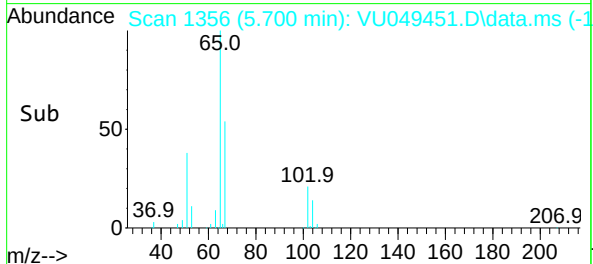
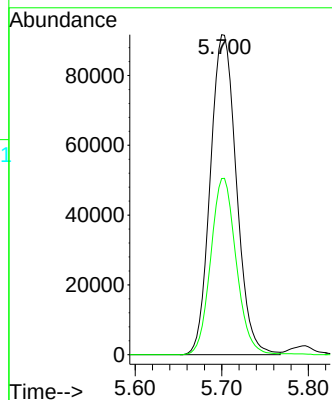
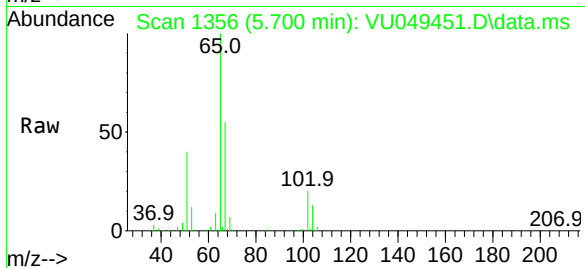
VU0628MBS01

Tgt Ion: 65 Resp: 192119

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

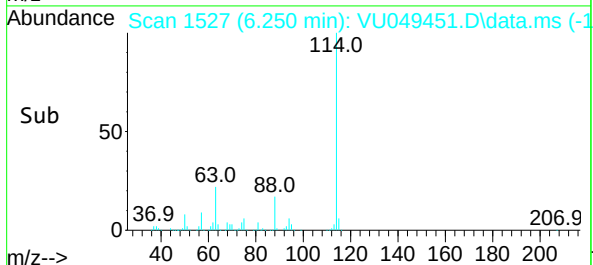
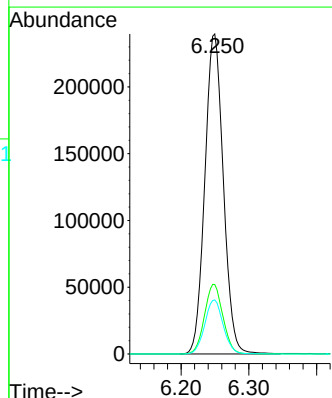
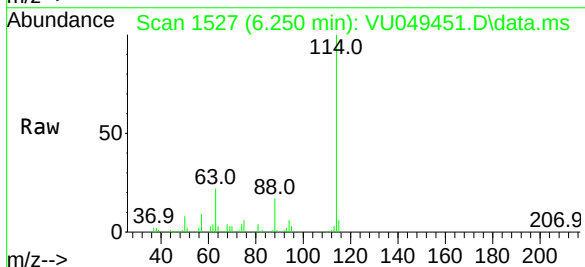
Tgt Ion: 114 Resp: 454132

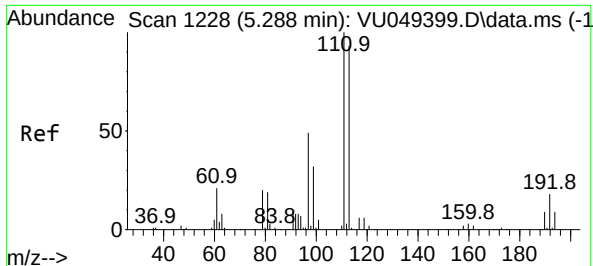
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.926 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

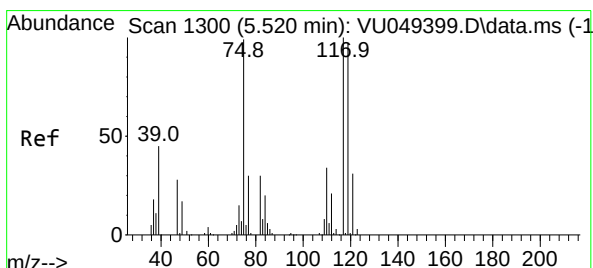
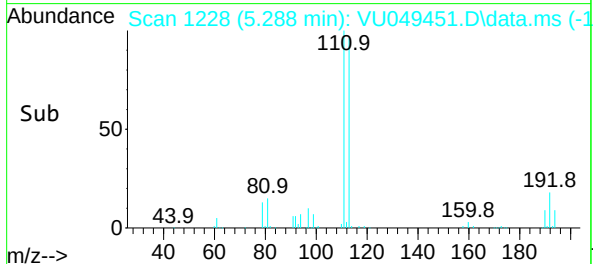
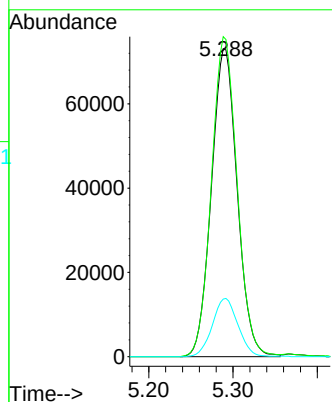
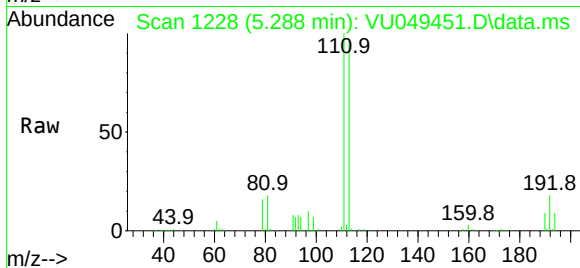
Tgt Ion:113 Resp: 155450

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 18.8 18.0 27.0



#36

1,1-Dichloropropene

Concen: 18.472 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

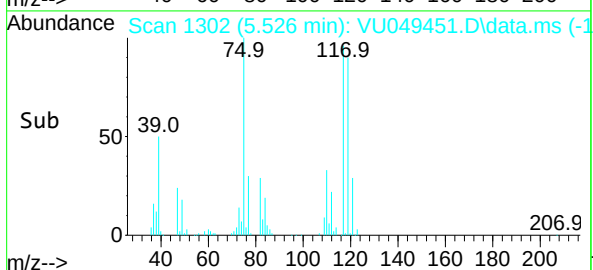
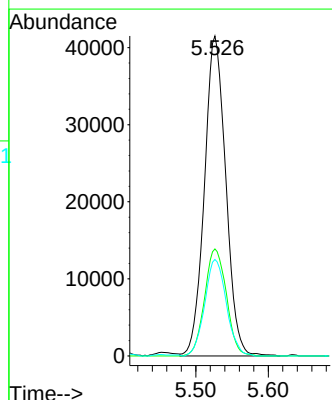
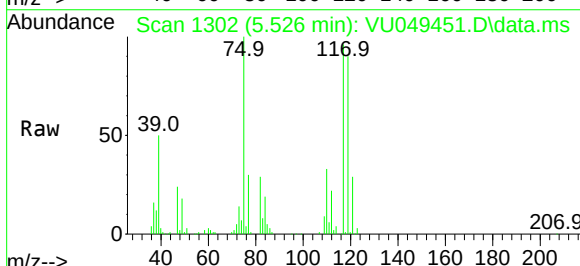
Tgt Ion: 75 Resp: 85100

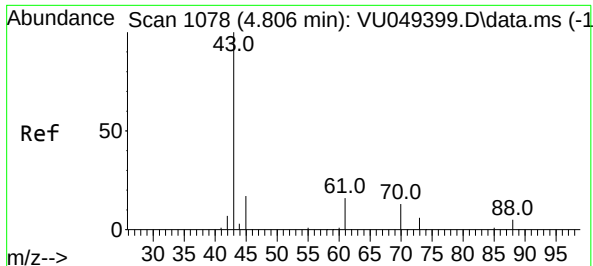
Ion Ratio Lower Upper

75 100

110 34.0 18.4 55.2

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 18.882 ug/l

RT: 4.803 min Scan# 118868

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

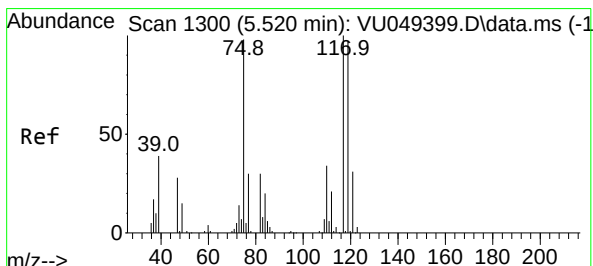
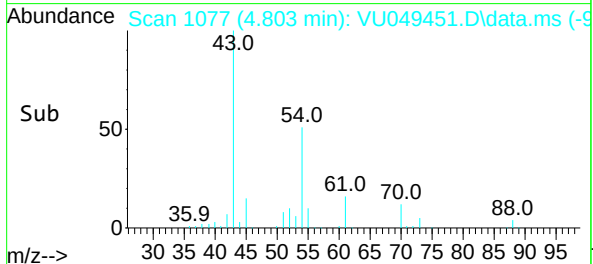
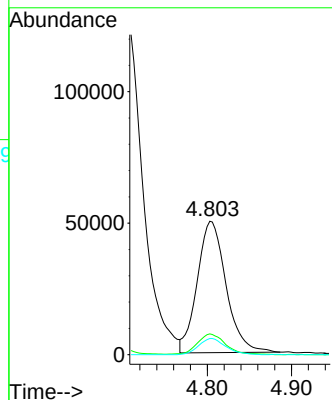
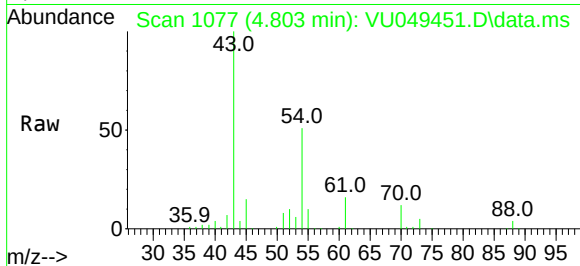
Tgt Ion: 43 Resp: 118868

Ion Ratio Lower Upper

43 100

61 15.5 9.5 14.3#

70 11.5 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 17.964 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

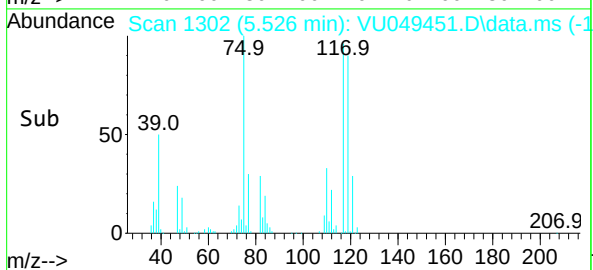
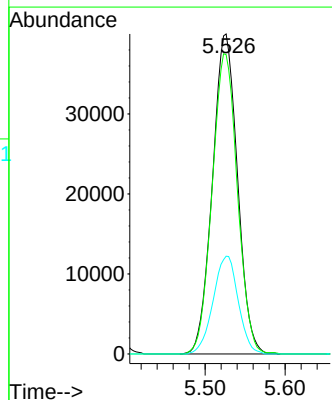
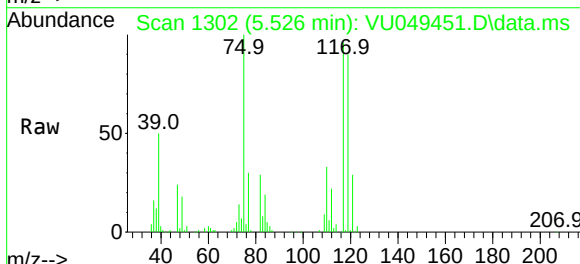
Tgt Ion: 117 Resp: 86795

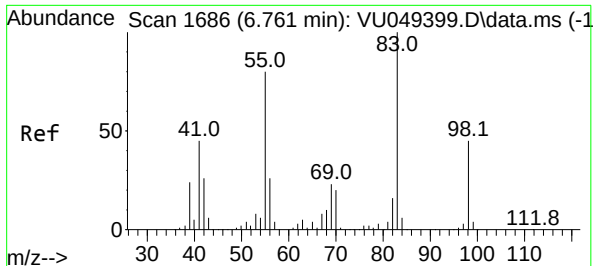
Ion Ratio Lower Upper

117 100

119 93.5 76.8 115.2

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 18.629 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

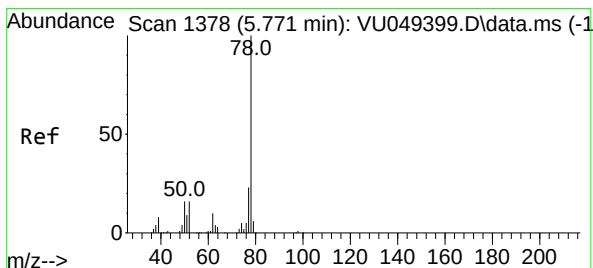
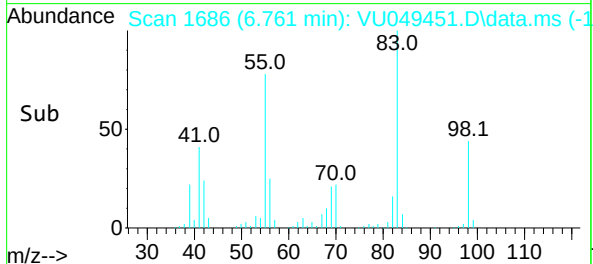
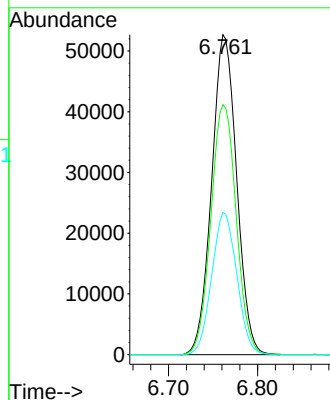
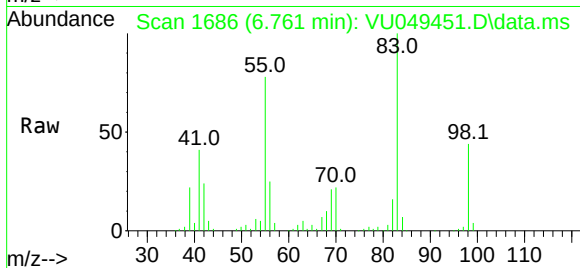
Tgt Ion: 83 Resp: 102871

Ion Ratio Lower Upper

83 100

55 78.2 55.3 82.9

98 44.4 37.3 55.9



#40

Benzene

Concen: 19.210 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049451.D

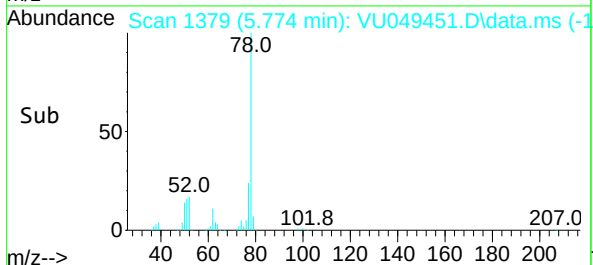
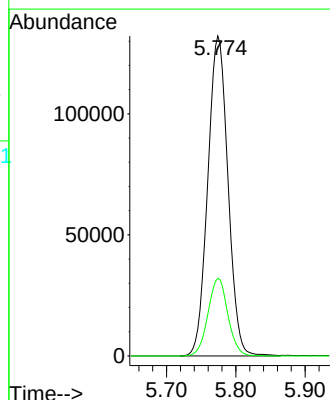
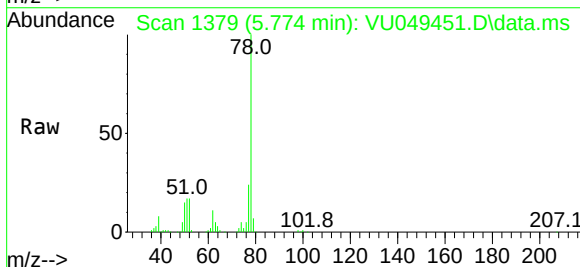
Acq: 28 Jun 2022 12:26

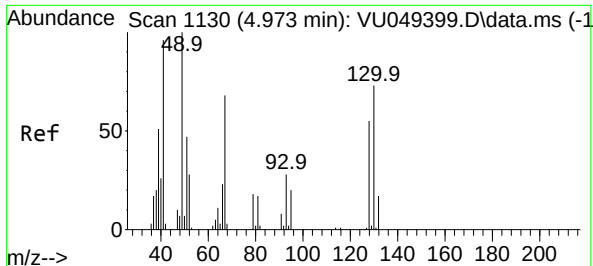
Tgt Ion: 78 Resp: 267187

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

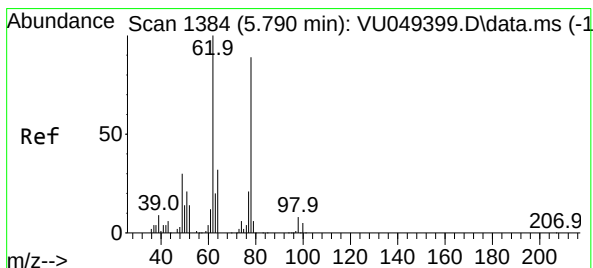
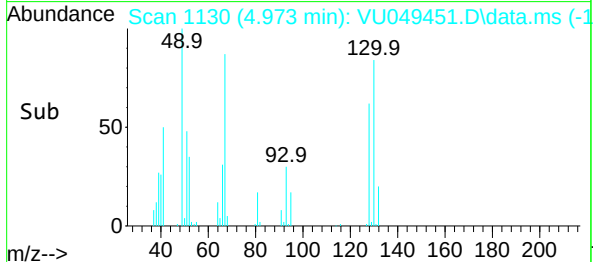
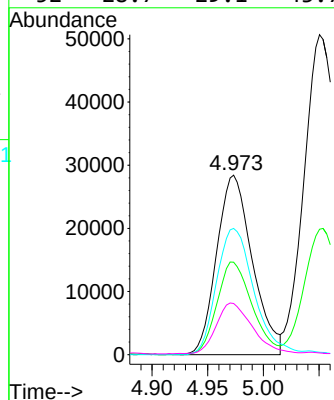
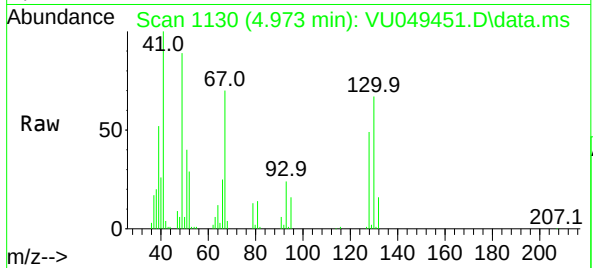




#41
Methacrylonitrile
Concen: 20.115 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

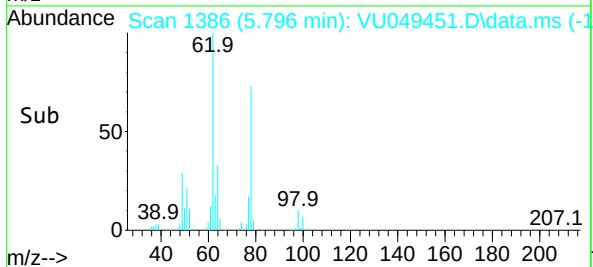
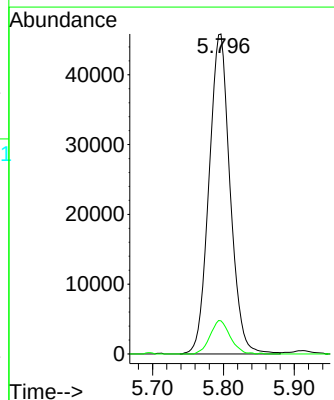
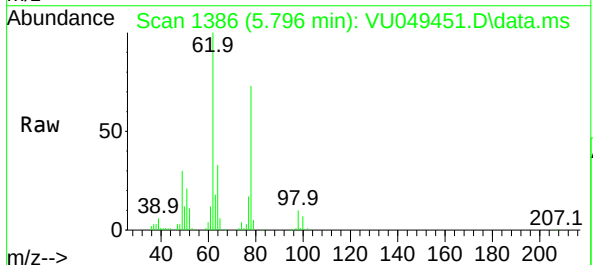
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

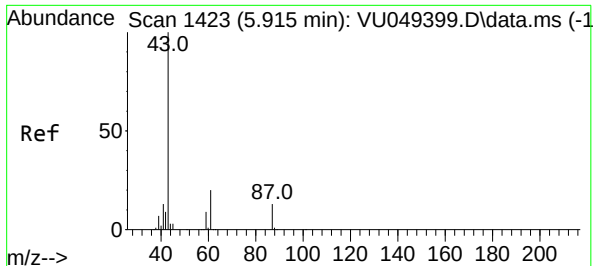
Tgt Ion: 41 Resp: 63452
Ion Ratio Lower Upper
41 100
39 51.0 43.1 64.7
67 73.3 72.3 108.5
52 28.7 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 18.298 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 62 Resp: 94725
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.6

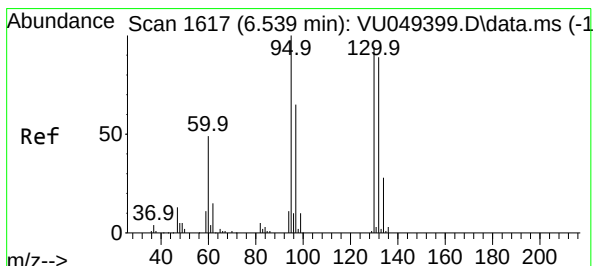
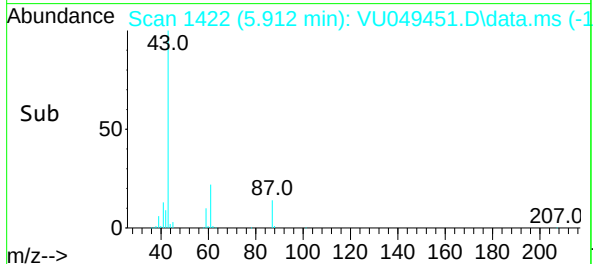
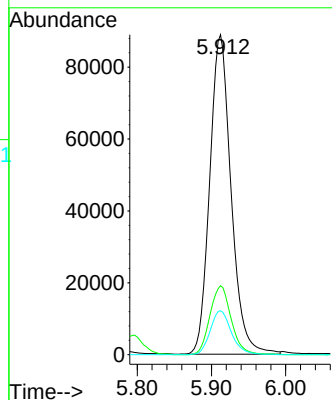
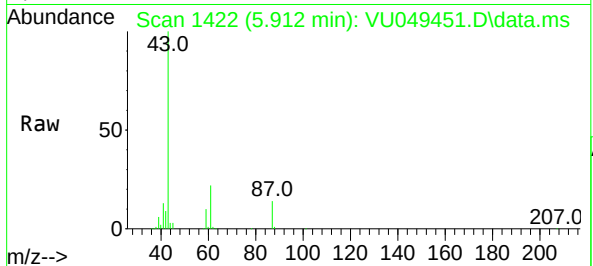




#43
Isopropyl Acetate
Concen: 19.263 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

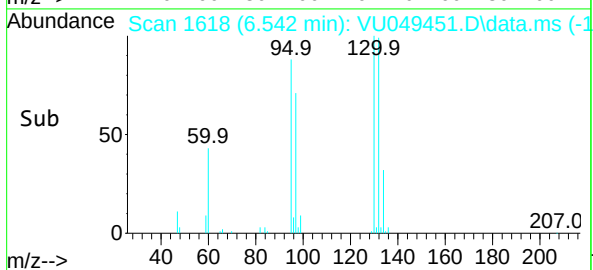
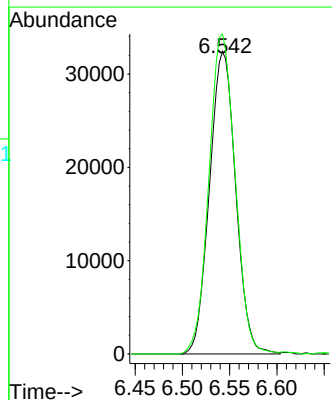
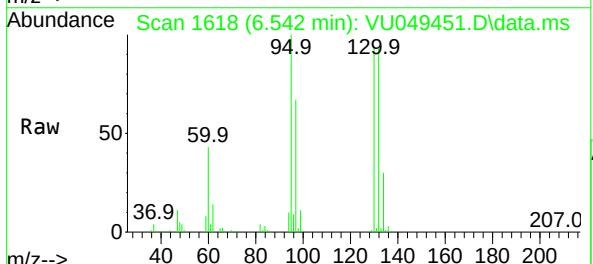
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

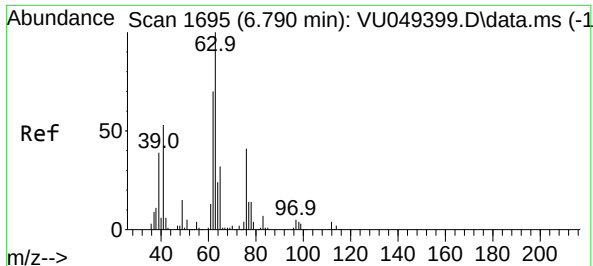
Tgt Ion: 43 Resp: 177684
Ion Ratio Lower Upper
43 100
61 21.4 17.4 26.0
87 13.7 12.6 18.8



#44
Trichloroethene
Concen: 18.865 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:130 Resp: 62375
Ion Ratio Lower Upper
130 100
95 105.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 18.969 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

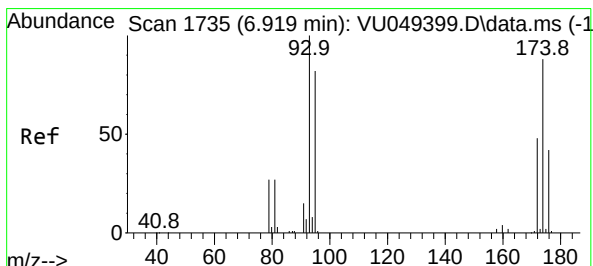
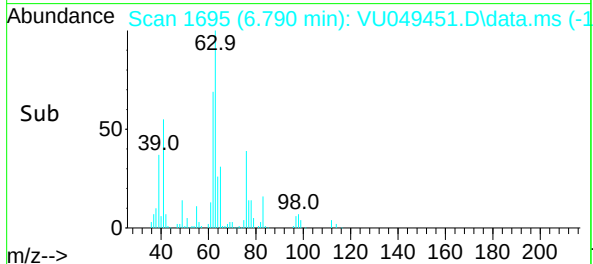
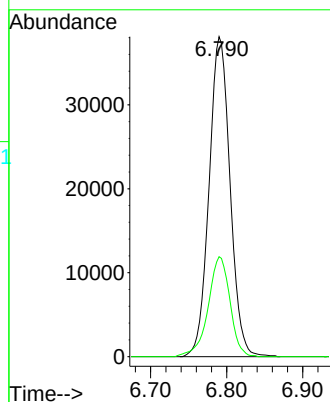
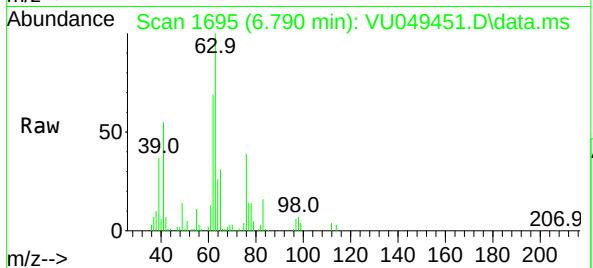
VU0628MBS01

Tgt Ion: 63 Resp: 73105

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 19.305 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

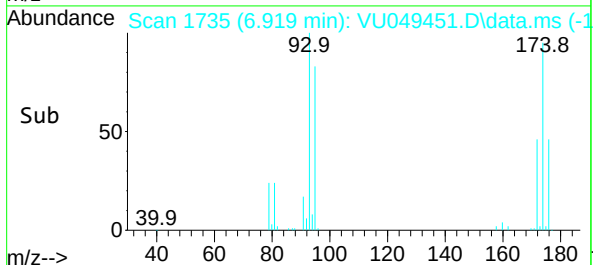
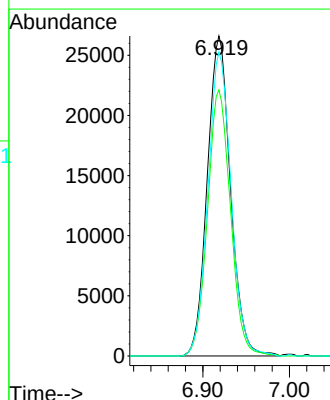
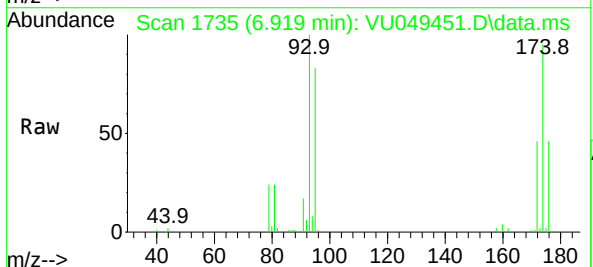
Tgt Ion: 93 Resp: 49604

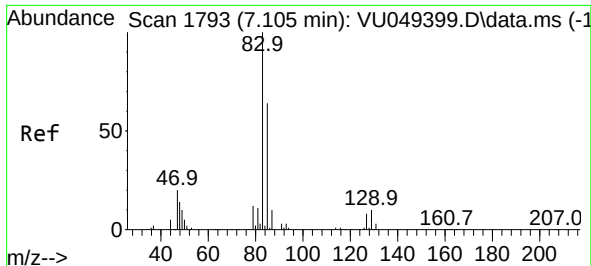
Ion Ratio Lower Upper

93 100

95 82.4 66.3 99.5

174 95.0 88.2 132.4

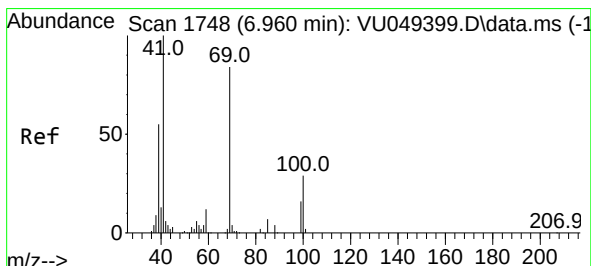
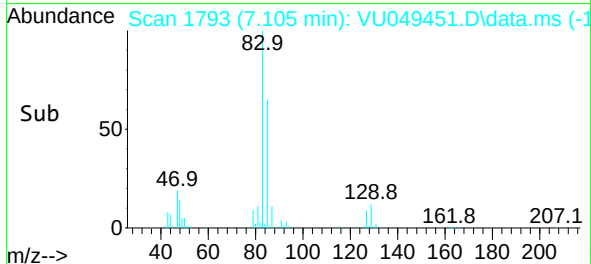
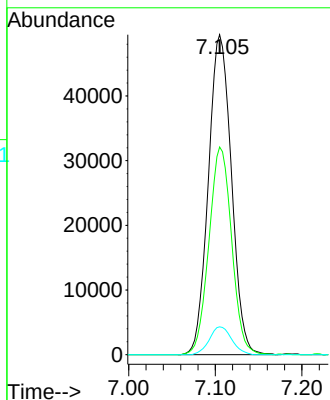
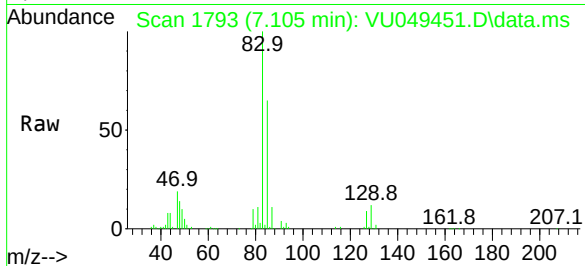




#47
Bromodichloromethane
Concen: 18.530 ug/l
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

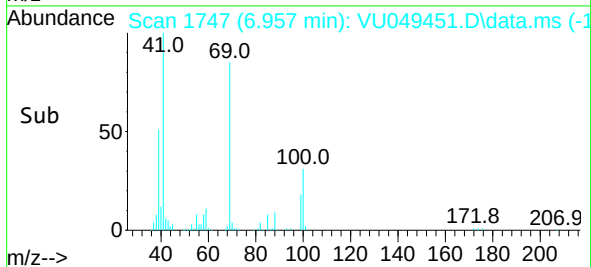
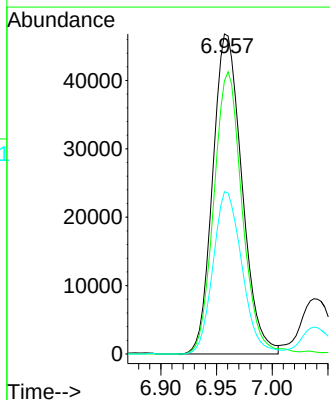
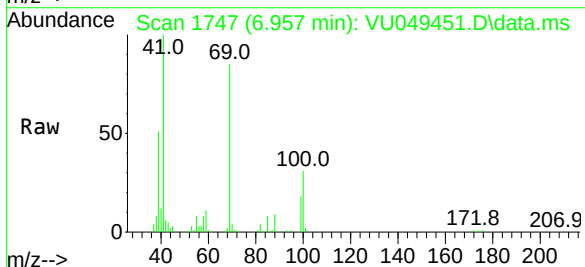
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

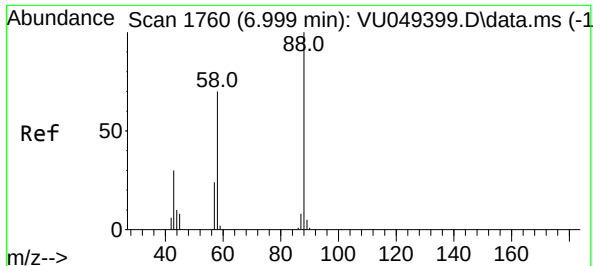
Tgt Ion: 83 Resp: 91641
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 19.765 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 41 Resp: 85439
Ion Ratio Lower Upper
41 100
69 85.5 79.8 119.6
39 50.2 47.9 71.9





#49

1,4-Dioxane

Concen: 458.088 ug/l

RT: 6.983 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

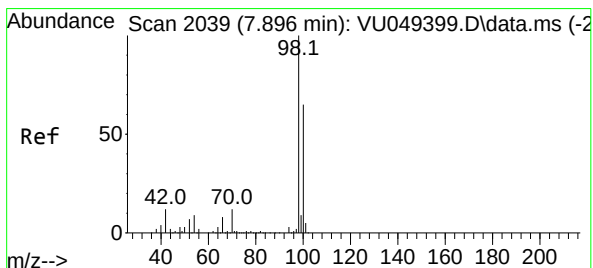
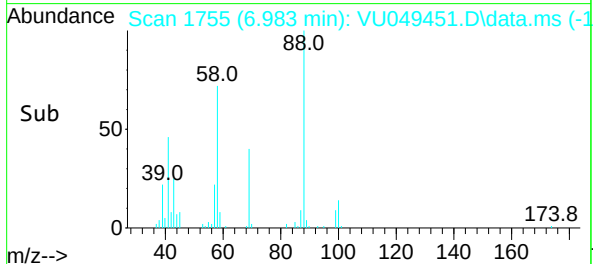
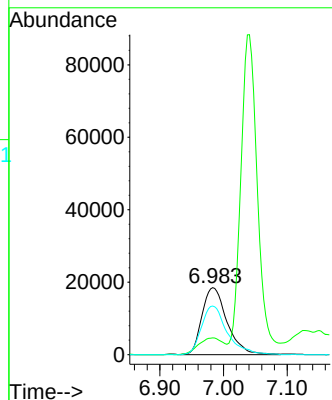
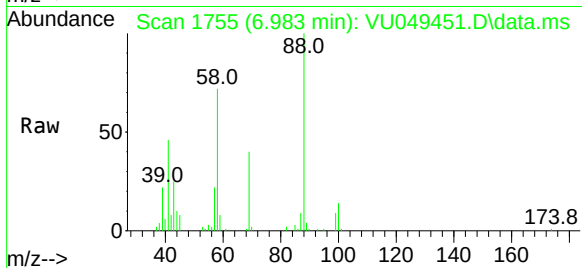
Tgt Ion: 88 Resp: 50733

Ion Ratio Lower Upper

88 100

43 24.7 0.0 0.0#

58 74.6 15.4 23.0#



#50

Toluene-d8

Concen: 49.582 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VU049451.D

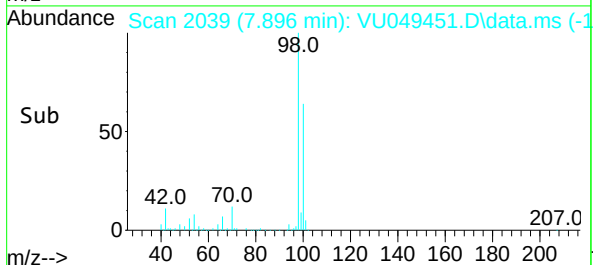
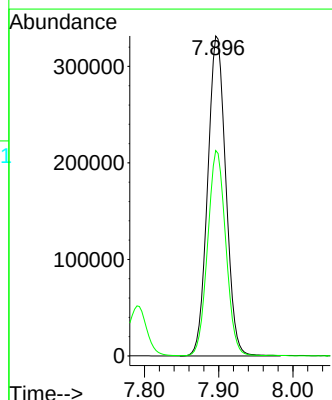
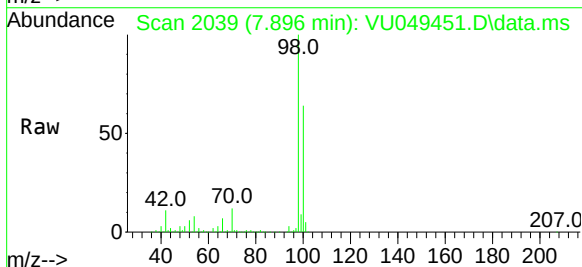
Acq: 28 Jun 2022 12:26

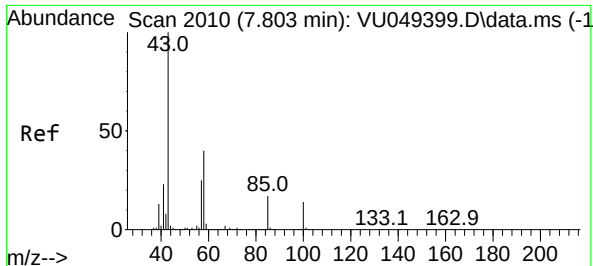
Tgt Ion: 98 Resp: 561881

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 97.261 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

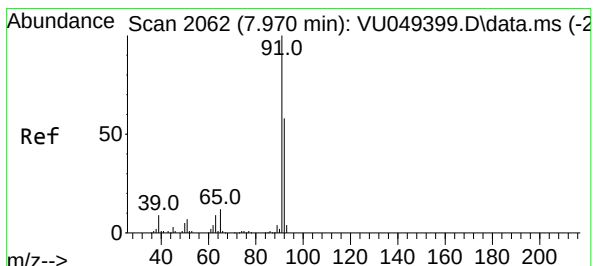
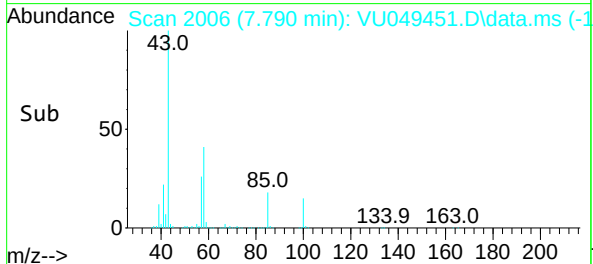
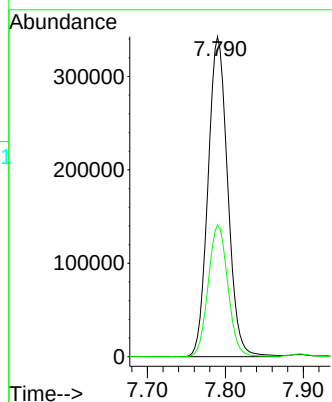
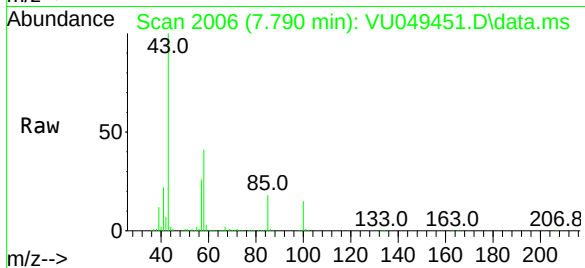
VU0628MBS01

Tgt Ion: 43 Resp: 600427

Ion Ratio Lower Upper

43 100

58 41.2 34.7 52.1



#52

Toluene

Concen: 19.726 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049451.D

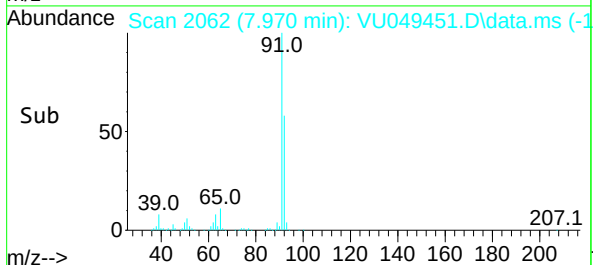
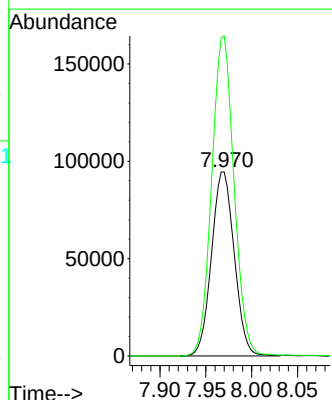
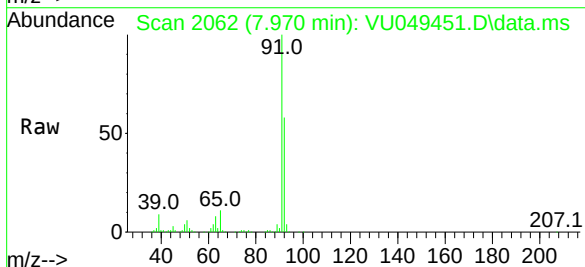
Acq: 28 Jun 2022 12:26

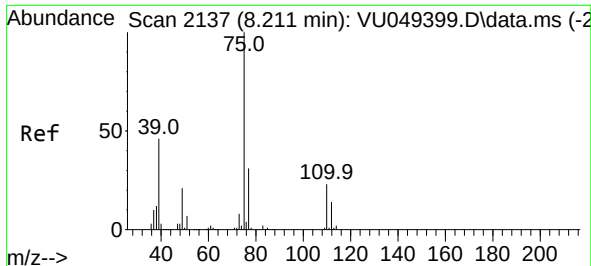
Tgt Ion: 92 Resp: 163075

Ion Ratio Lower Upper

92 100

91 171.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.002 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

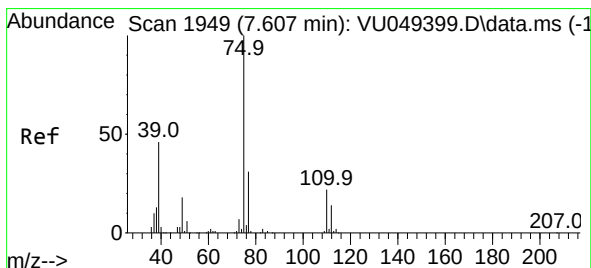
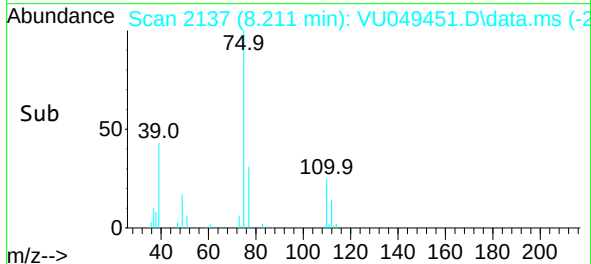
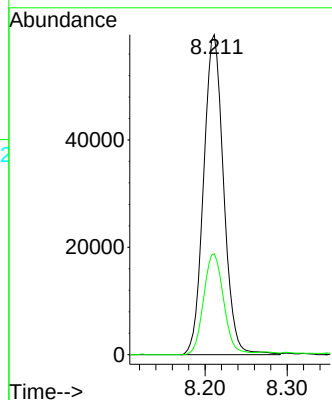
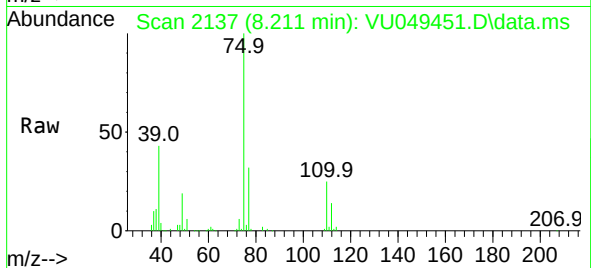
VU0628MBS01

Tgt Ion: 75 Resp: 100809

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.512 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

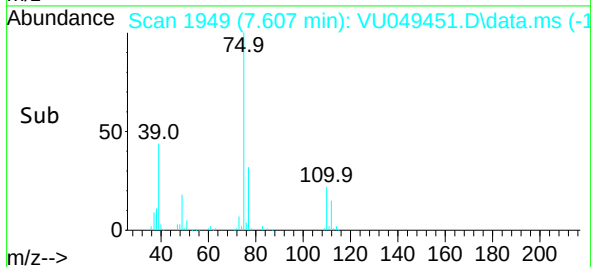
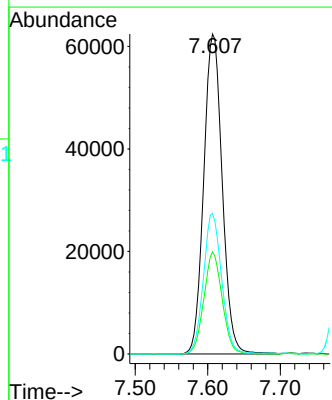
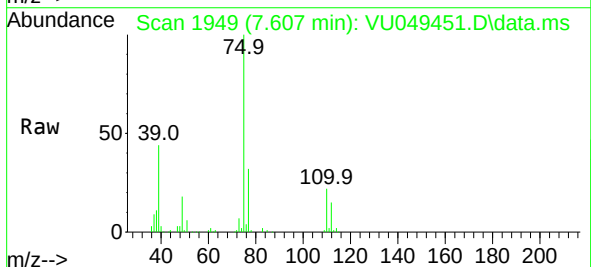
Tgt Ion: 75 Resp: 110521

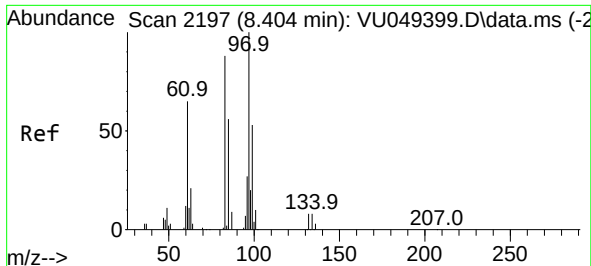
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 44.0 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 20.369 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

Tgt Ion: 97 Resp: 69623

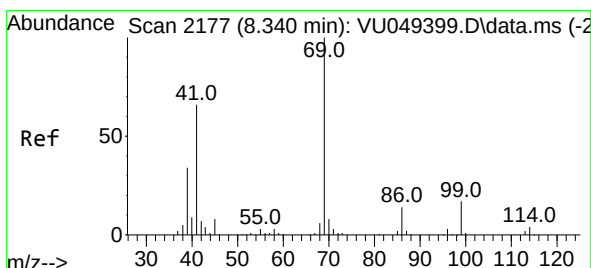
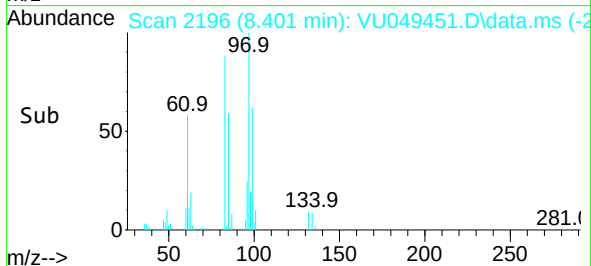
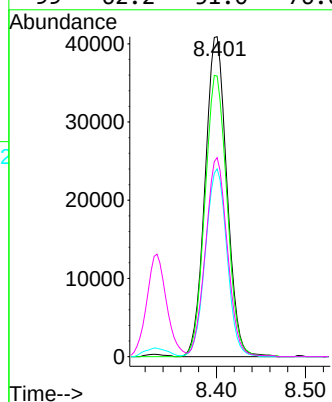
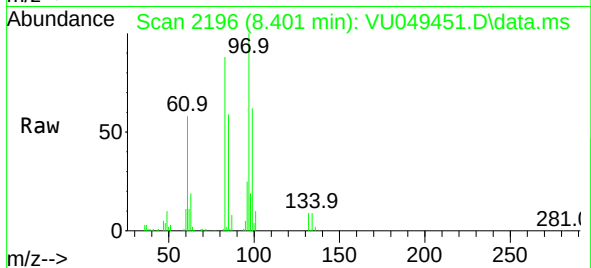
Ion Ratio Lower Upper

97 100

83 87.7 70.2 105.4

85 58.7 44.6 66.8

99 62.2 51.0 76.6



#56

Ethyl methacrylate

Concen: 20.485 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

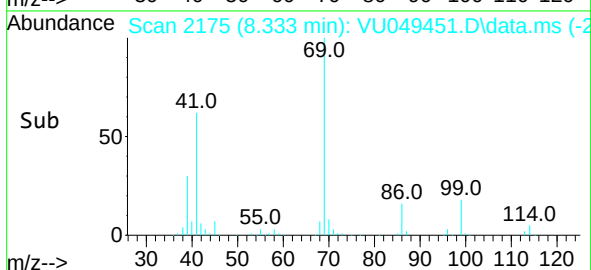
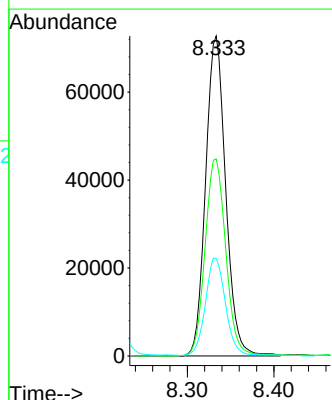
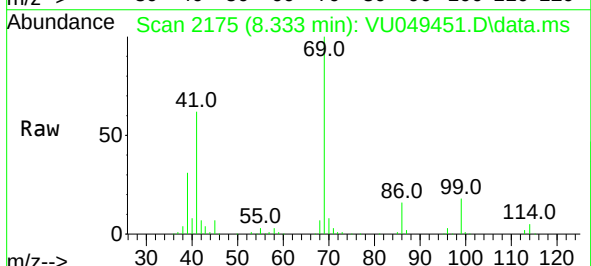
Tgt Ion: 69 Resp: 117107

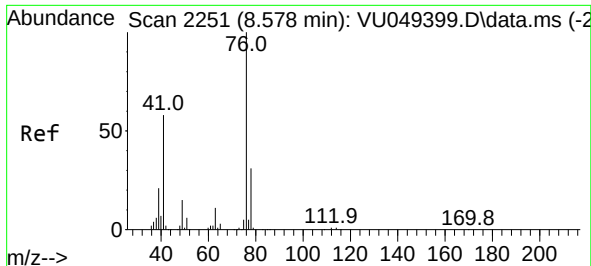
Ion Ratio Lower Upper

69 100

41 64.1 45.4 68.0

39 30.3 25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.498 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

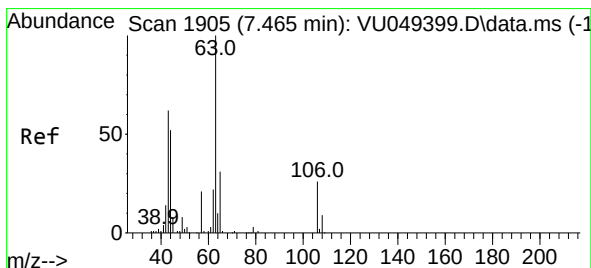
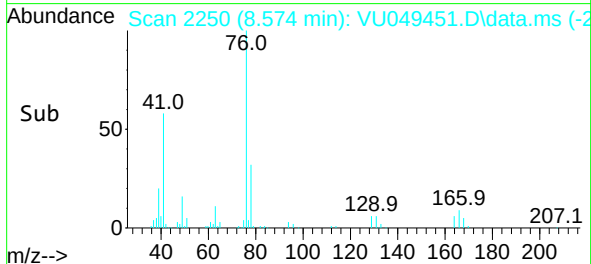
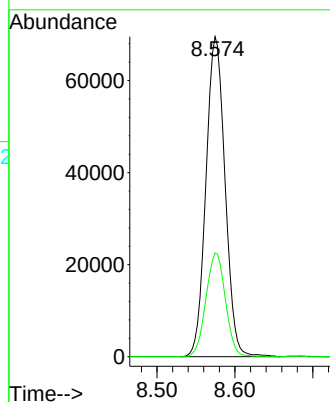
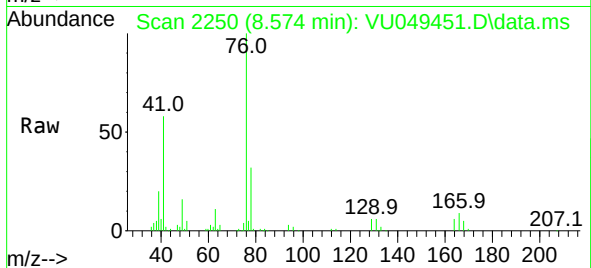
VU0628MBS01

Tgt Ion: 76 Resp: 118221

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 122.313 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049451.D

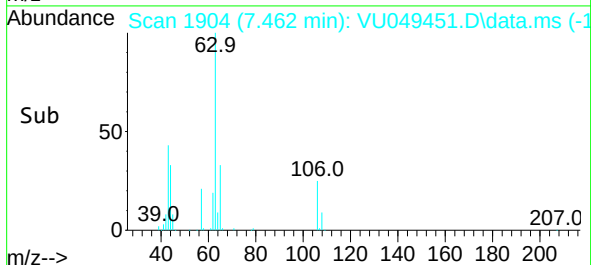
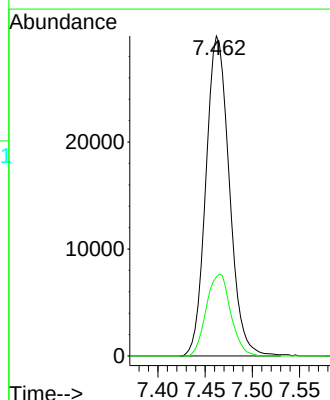
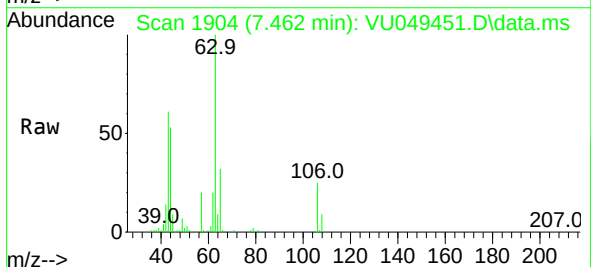
Acq: 28 Jun 2022 12:26

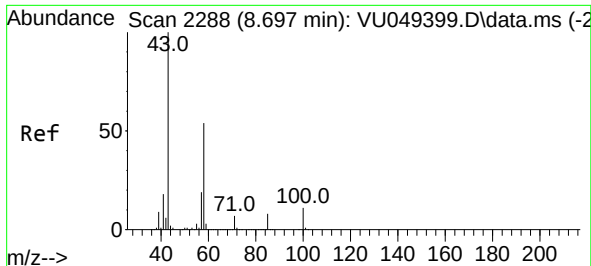
Tgt Ion: 63 Resp: 51527

Ion Ratio Lower Upper

63 100

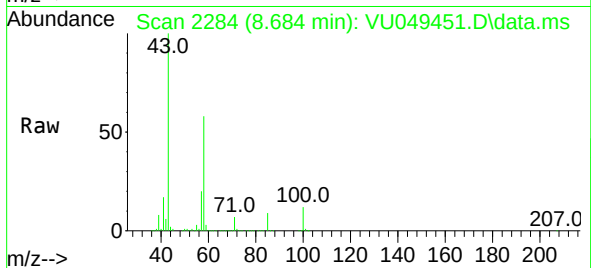
106 26.6 23.1 34.7



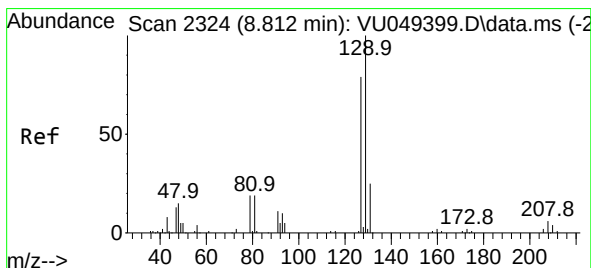
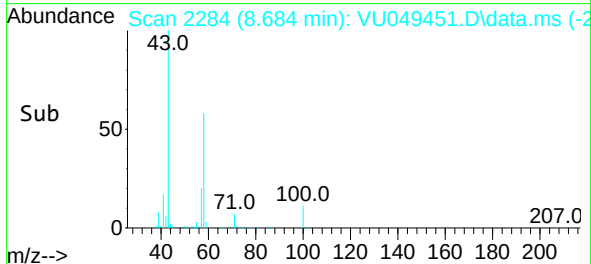
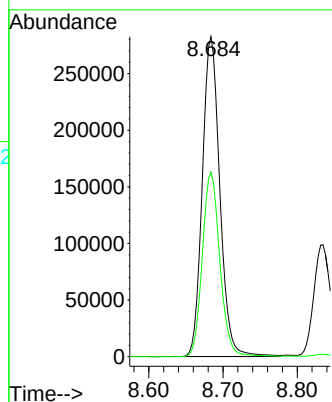


#59
2-Hexanone
Concen: 95.291 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

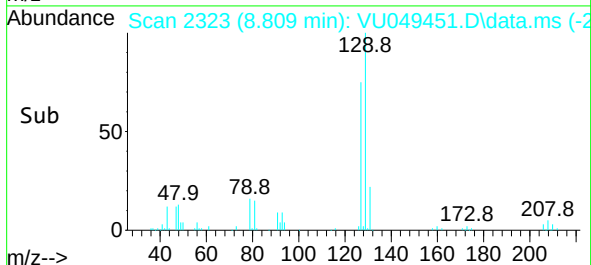
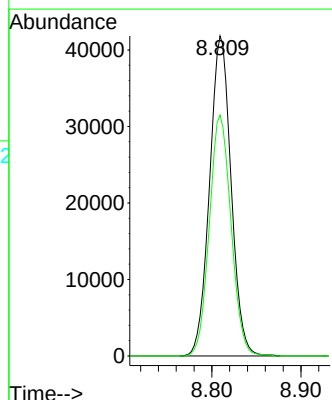
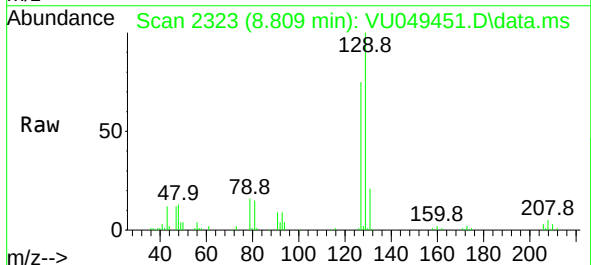


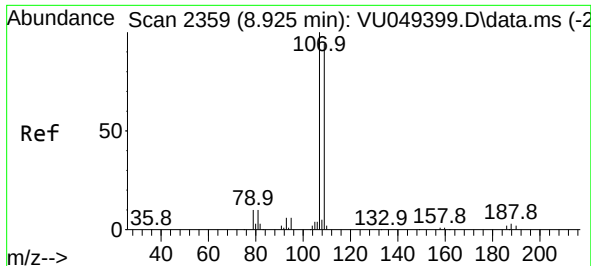
Tgt Ion: 43 Resp: 462603
Ion Ratio Lower Upper
43 100
58 57.8 30.3 90.8



#60
Dibromochloromethane
Concen: 19.704 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 129 Resp: 70036
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

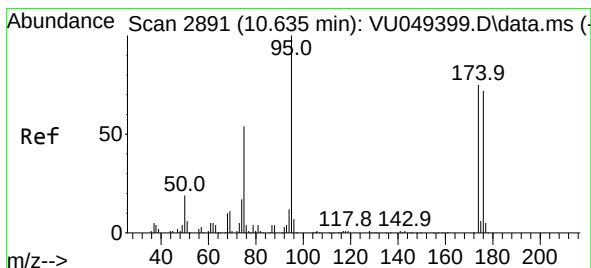
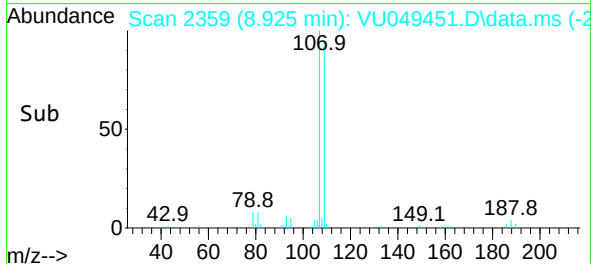
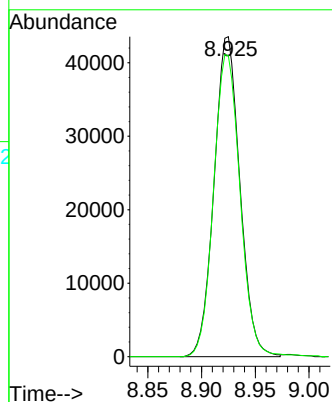
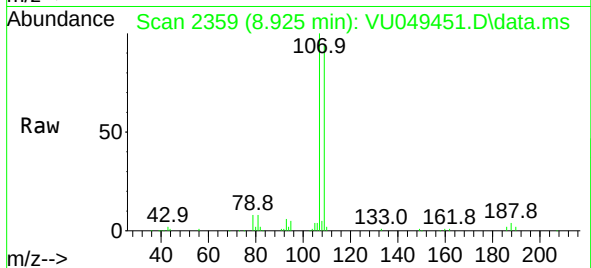




#61
1,2-Dibromoethane
Concen: 19.525 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

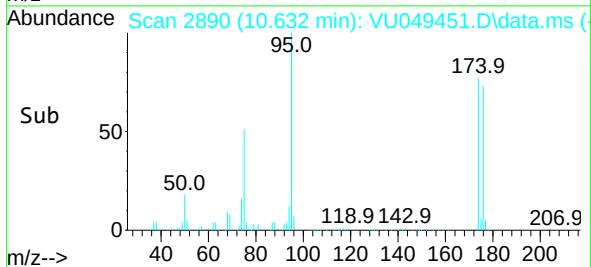
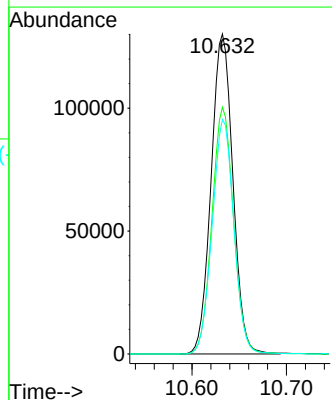
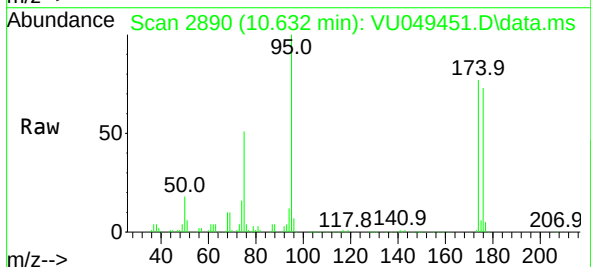
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

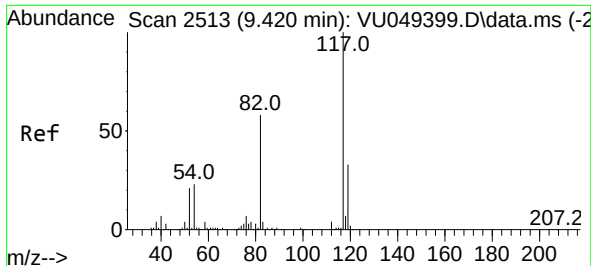
Tgt Ion:107 Resp: 72727
Ion Ratio Lower Upper
107 100
109 97.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.934 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 95 Resp: 208084
Ion Ratio Lower Upper
95 100
174 76.6 0.0 182.0
176 73.1 0.0 177.8

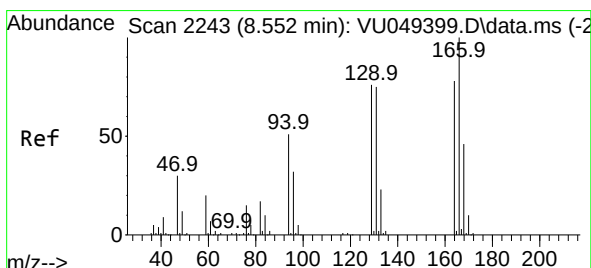
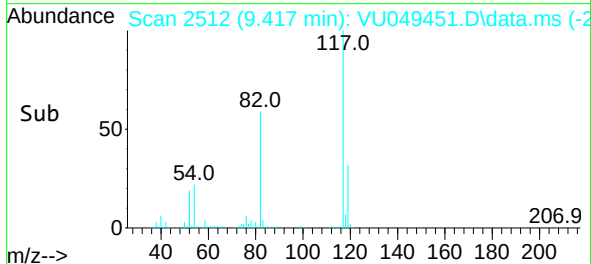
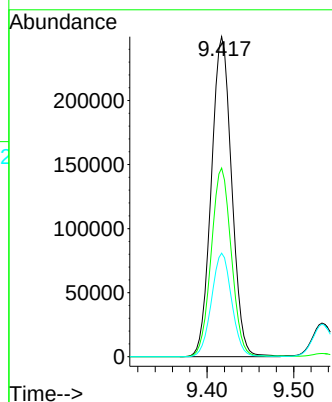
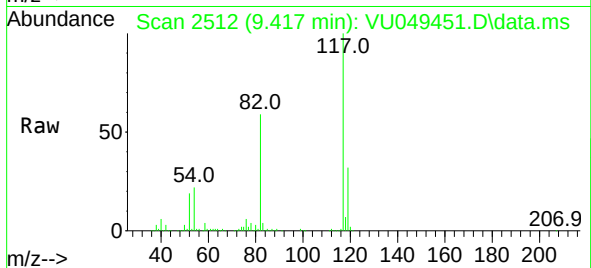




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

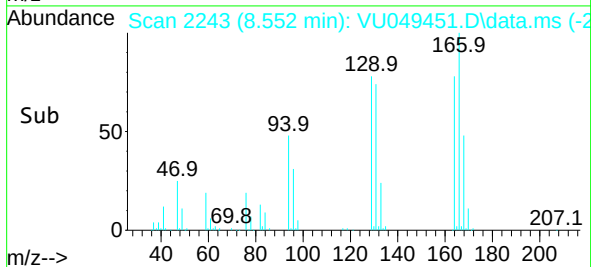
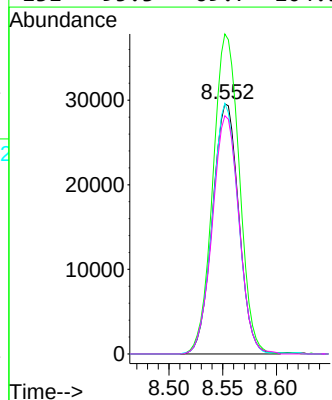
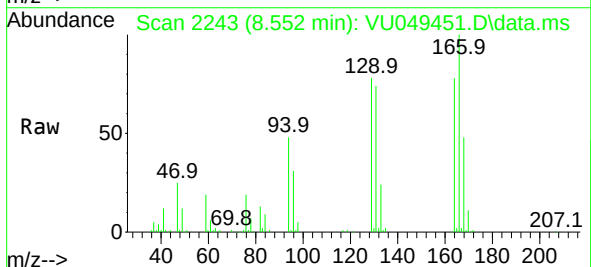
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

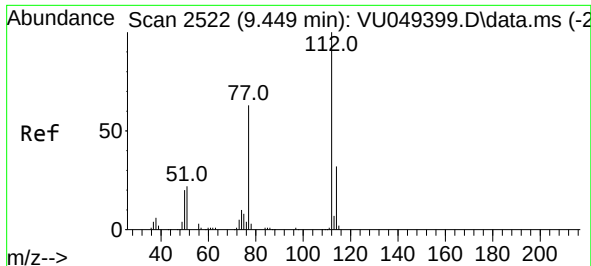
Tgt Ion:117 Resp: 407925
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 19.203 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:164 Resp: 50242
Ion Ratio Lower Upper
164 100
166 128.0 100.0 150.0
129 100.2 72.0 108.0
131 95.3 69.7 104.5

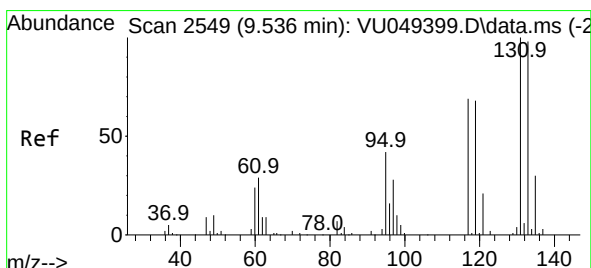
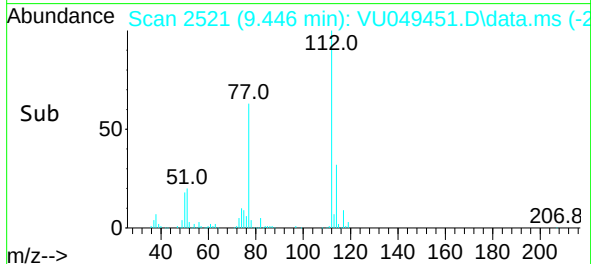
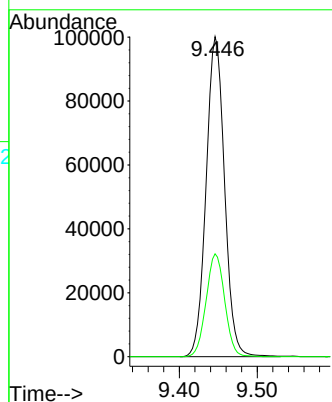
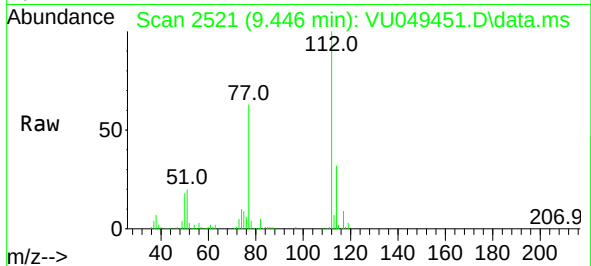




#65
Chlorobenzene
Concen: 19.737 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

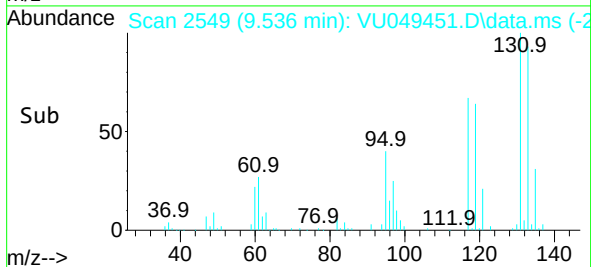
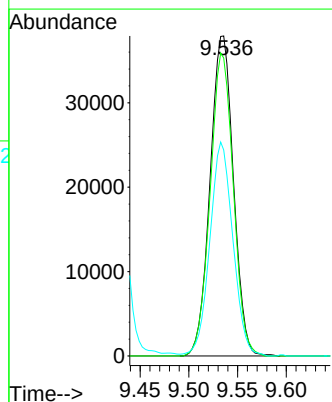
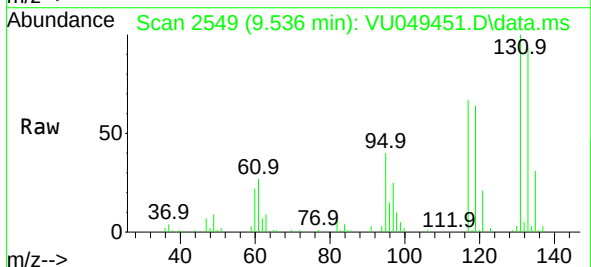
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

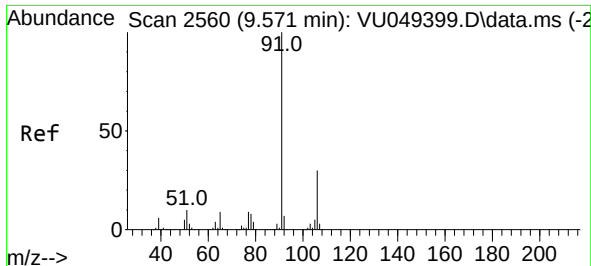
Tgt Ion:112 Resp: 164595
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.070 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:131 Resp: 63139
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 66.1 33.9 101.6

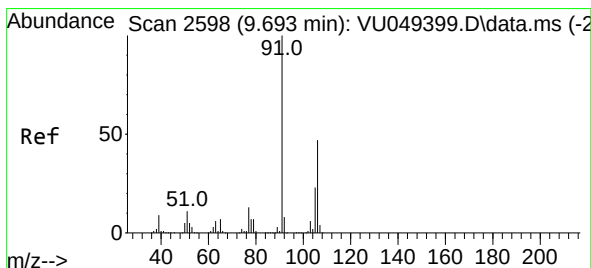
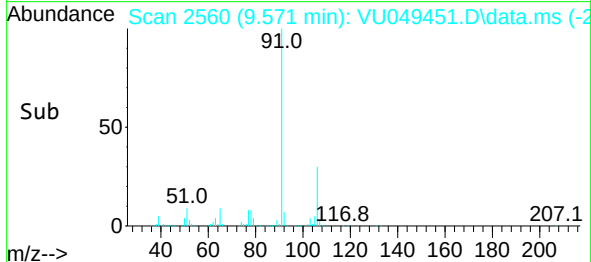
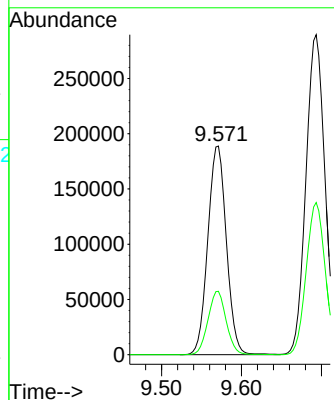
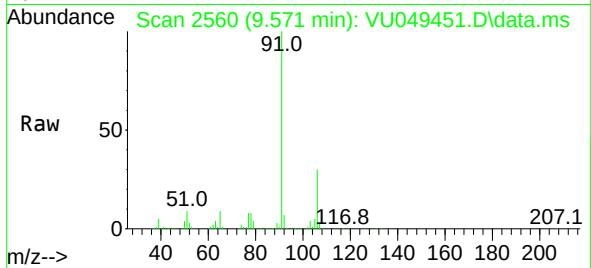




#67
Ethyl Benzene
Concen: 19.963 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

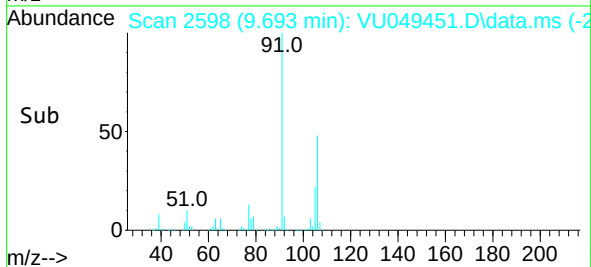
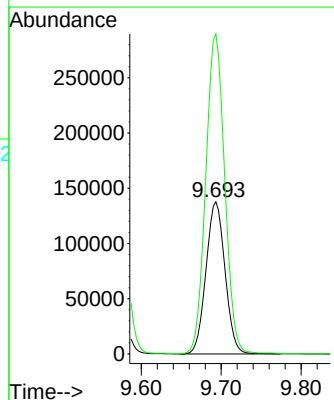
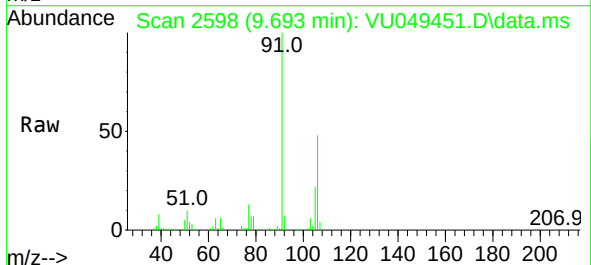
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

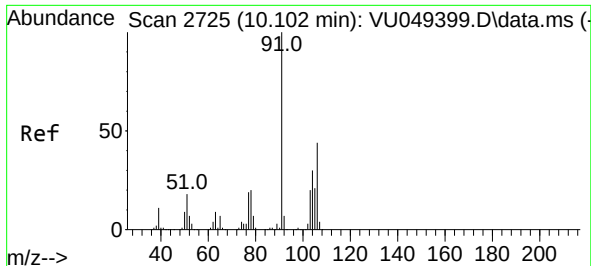
Tgt Ion: 91 Resp: 305634
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 40.306 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:106 Resp: 228327
Ion Ratio Lower Upper
106 100
91 210.5 157.2 235.8

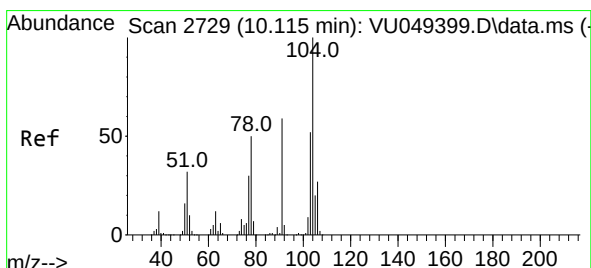
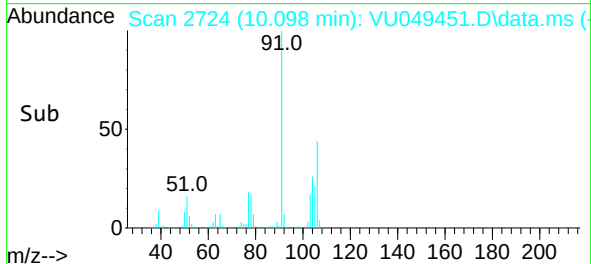
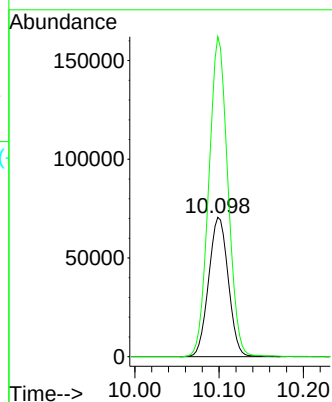
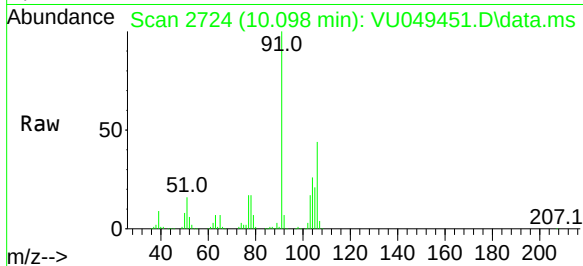




#69
o-Xylene
Concen: 20.361 ug/l
RT: 10.098 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

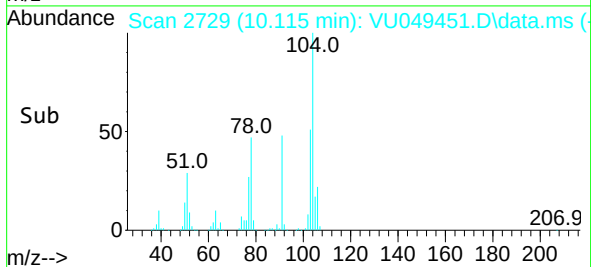
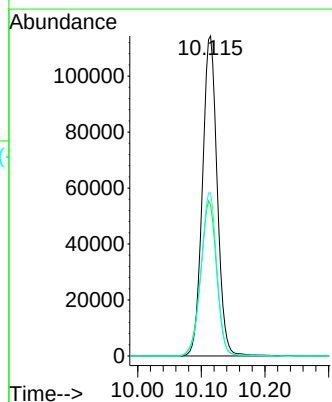
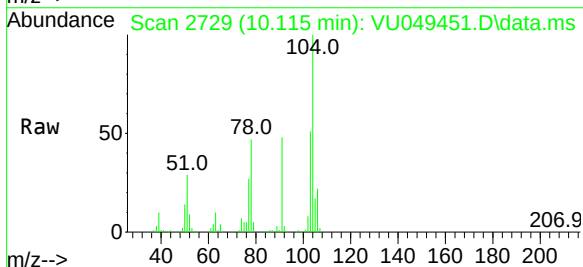
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

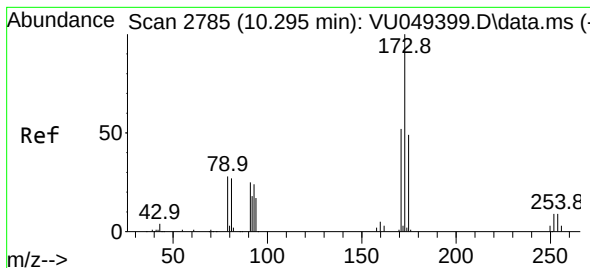
Tgt Ion:106 Resp: 114503
Ion Ratio Lower Upper
106 100
91 223.7 103.5 310.5



#70
Styrene
Concen: 20.407 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:104 Resp: 184398
Ion Ratio Lower Upper
104 100
78 52.4 38.0 57.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 19.165 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

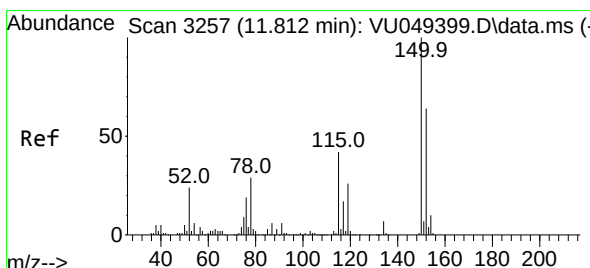
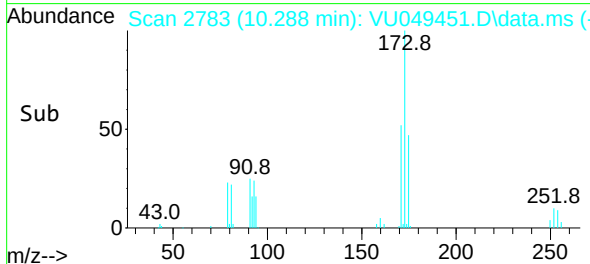
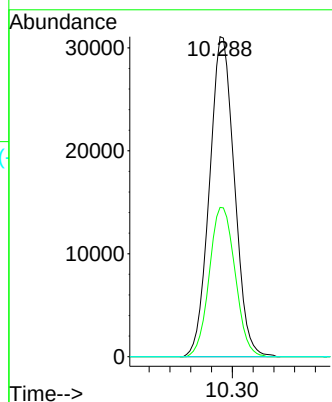
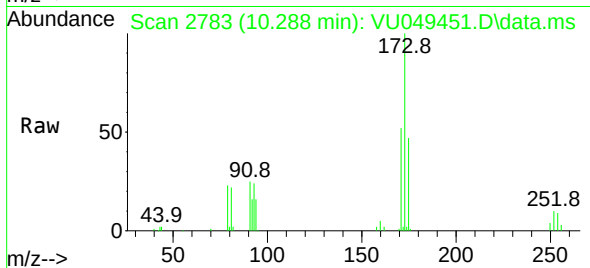
Tgt Ion:173 Resp: 51712

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

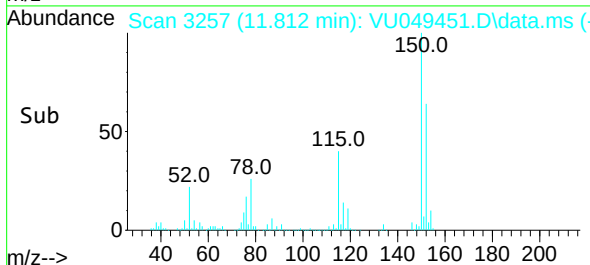
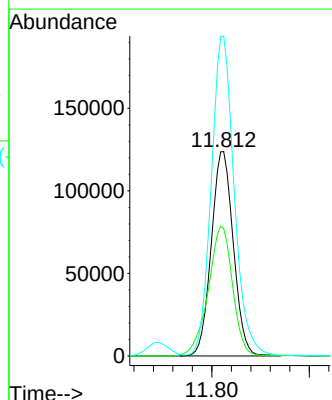
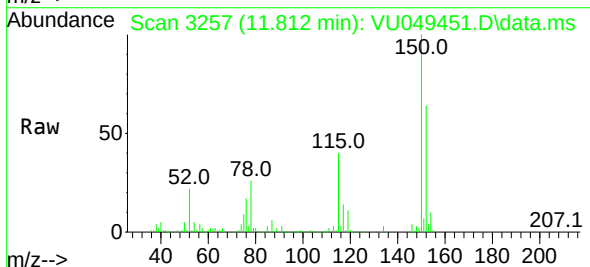
Tgt Ion:152 Resp: 194196

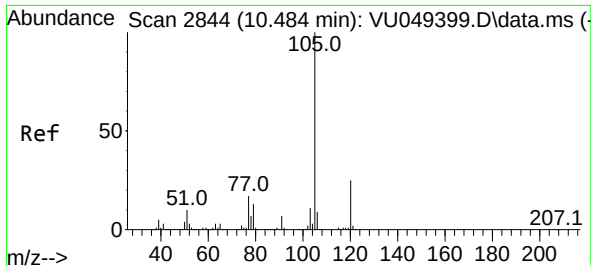
Ion Ratio Lower Upper

152 100

115 70.2 37.0 110.9

150 163.0 0.0 342.2

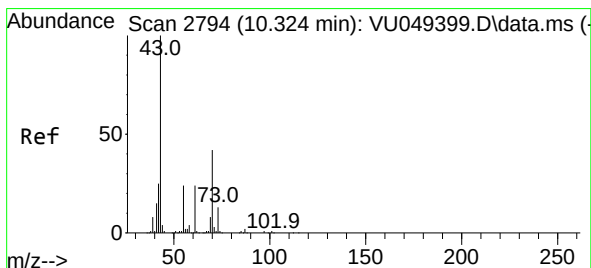
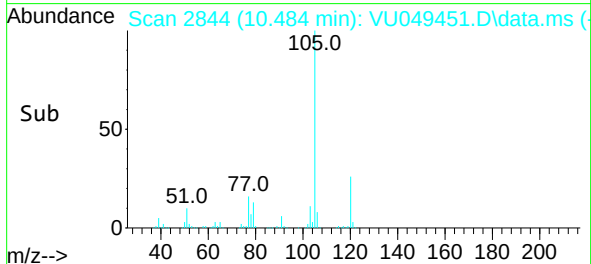
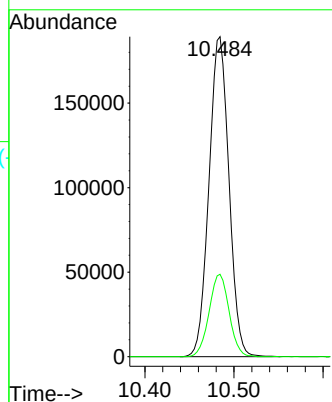
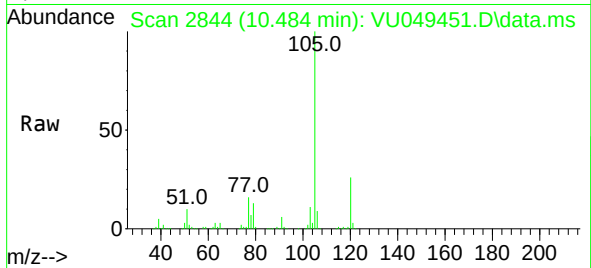




#73
Isopropylbenzene
Concen: 21.264 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

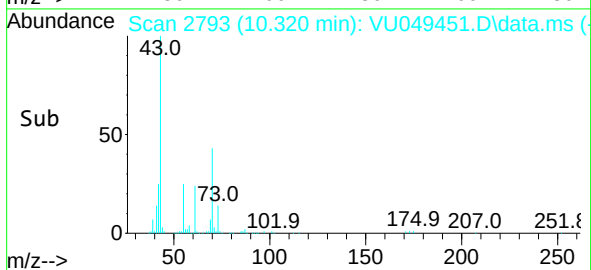
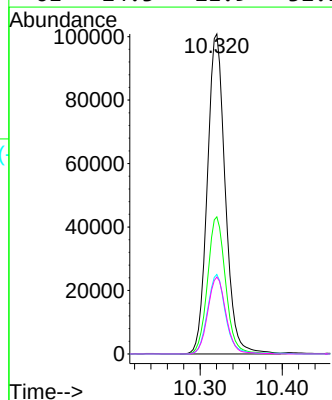
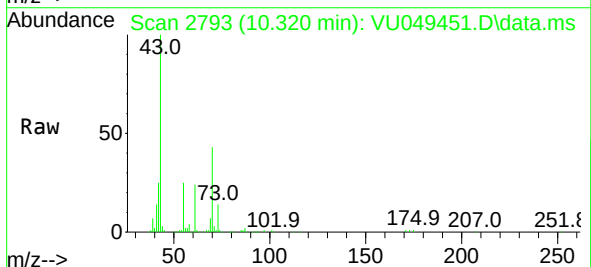
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

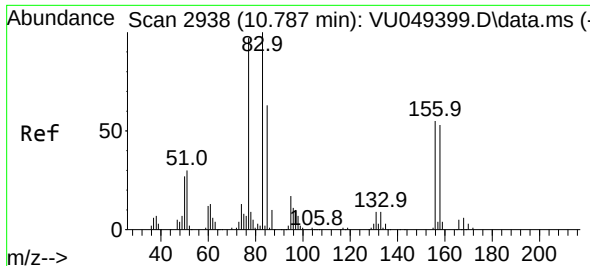
Tgt Ion:105 Resp: 294155
Ion Ratio Lower Upper
105 100
120 25.8 13.8 41.4



#74
N-ethyl acetate
Concen: 20.934 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 43 Resp: 153274
Ion Ratio Lower Upper
43 100
70 43.2 38.7 58.1
55 24.8 21.8 32.8
61 24.3 21.9 32.9

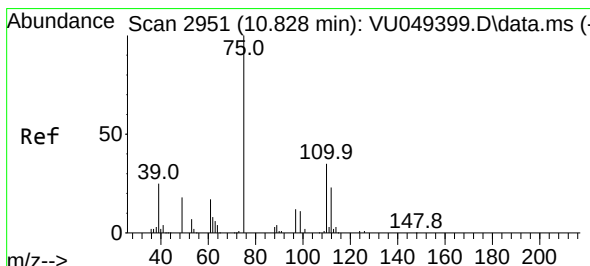
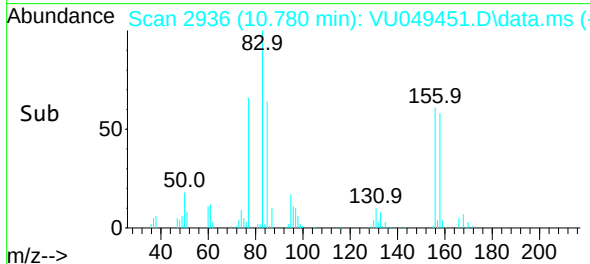
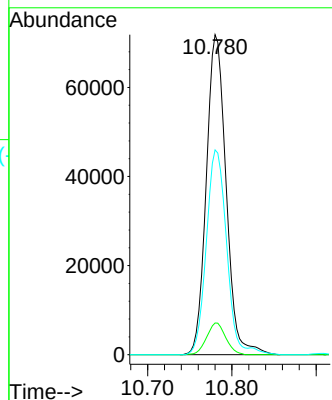
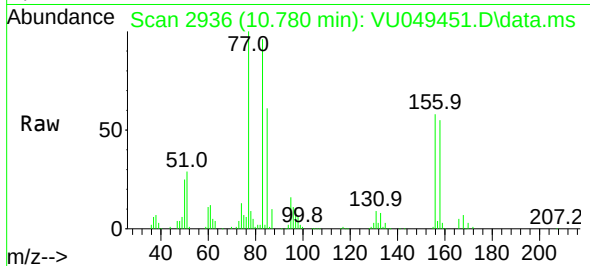




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.063 ug/l
 RT: 10.780 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

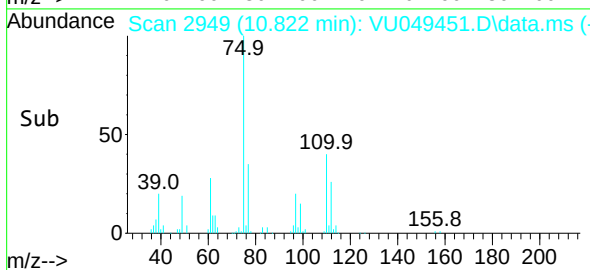
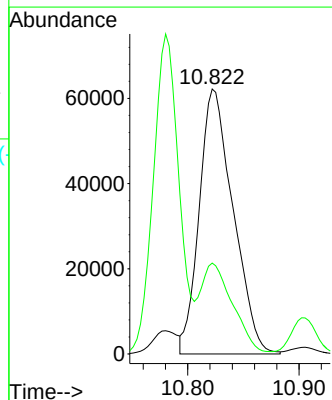
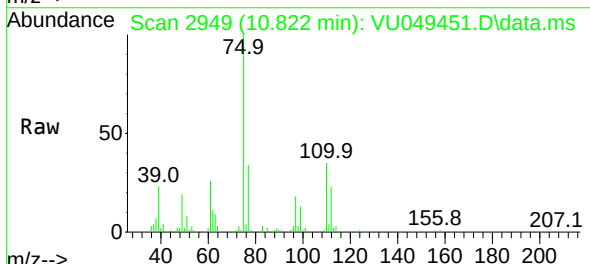
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

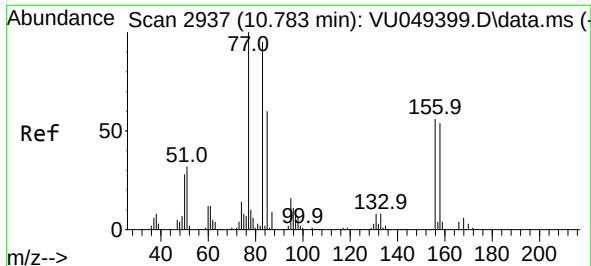
Tgt Ion: 83 Resp: 117571
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.4
 85 65.9 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 19.975 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.006 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion: 75 Resp: 131495
 Ion Ratio Lower Upper
 75 100
 77 32.6 15.8 47.3

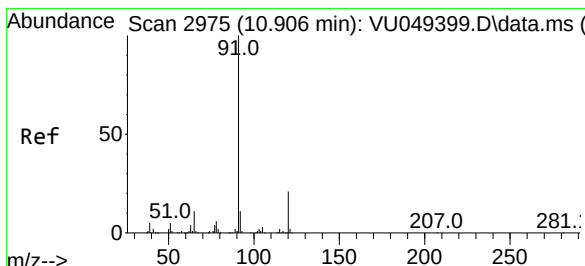
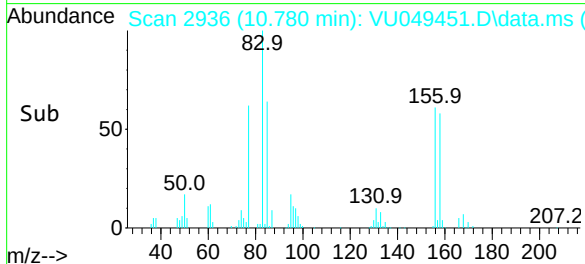
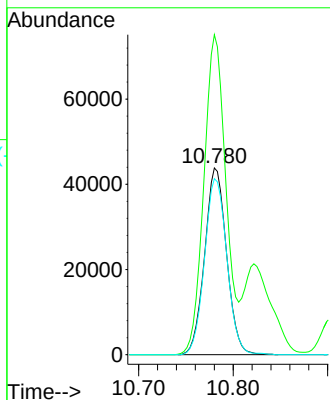
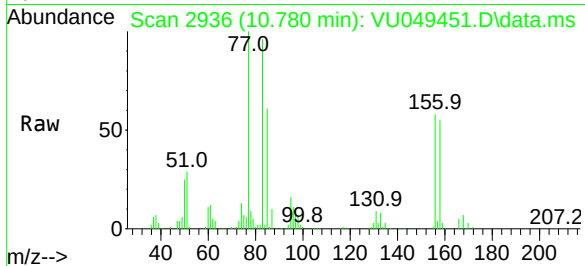




#77
Bromobenzene
Concen: 20.907 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

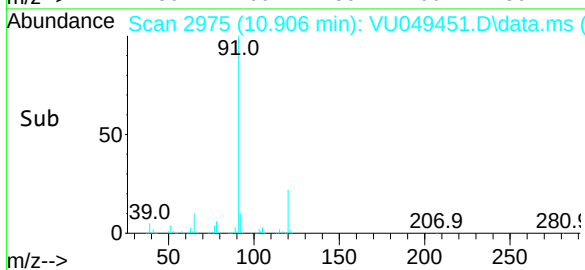
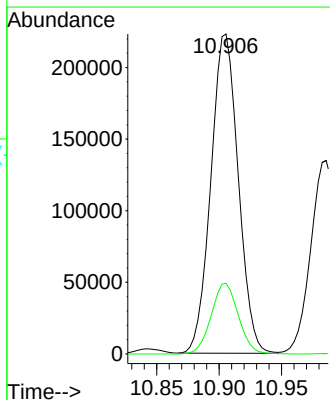
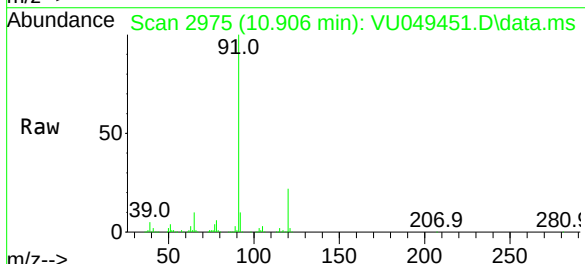
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

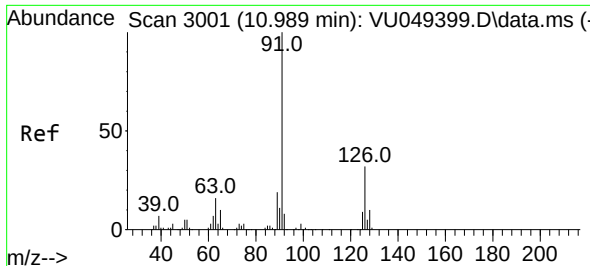
Tgt Ion:156 Resp: 70598
Ion Ratio Lower Upper
156 100
77 171.6 71.9 215.6
158 96.2 48.9 146.8



#78
n-propylbenzene
Concen: 20.288 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 91 Resp: 341031
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

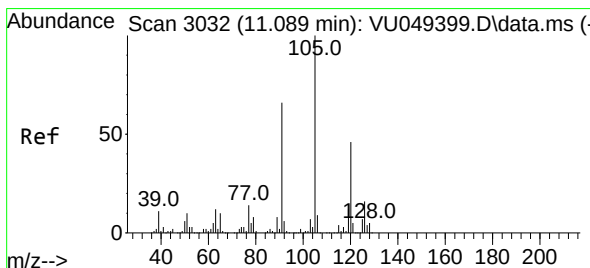
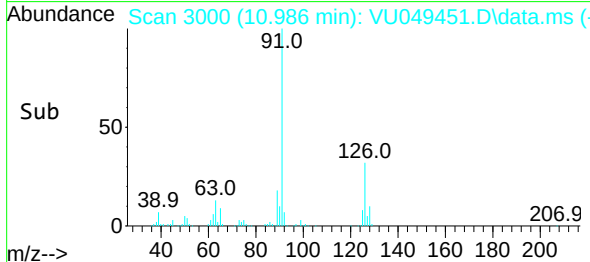
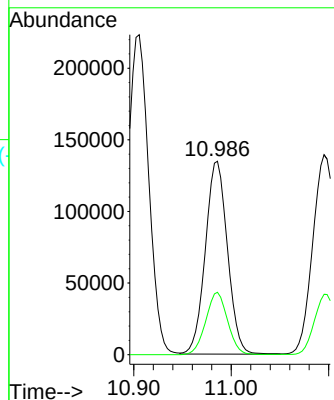
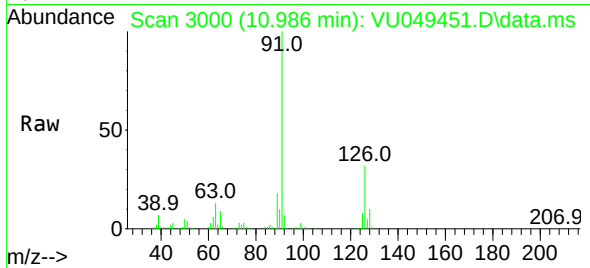




#79
2-Chlorotoluene
Concen: 20.485 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

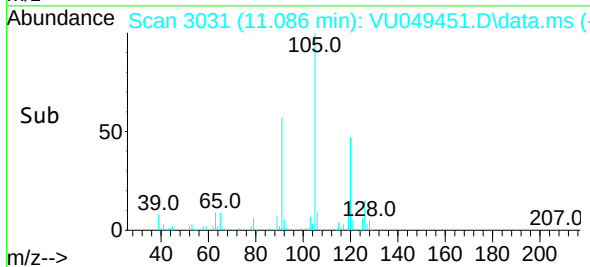
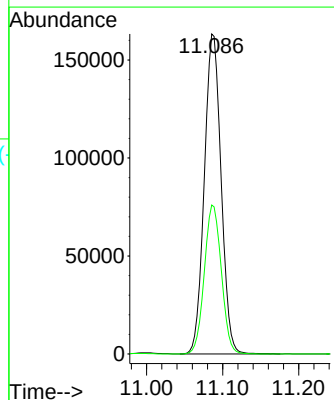
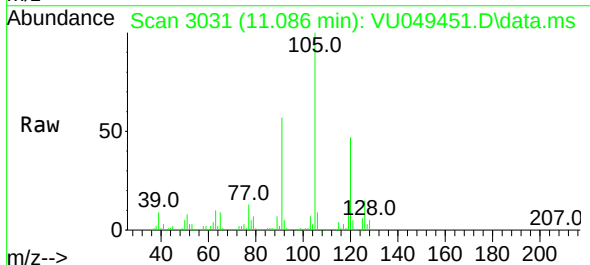
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

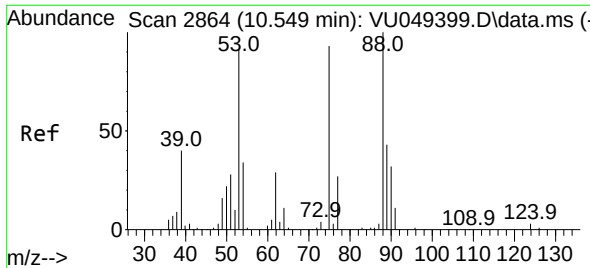
Tgt Ion: 91 Resp: 212148
Ion Ratio Lower Upper
91 100
126 32.0 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.756 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 105 Resp: 250676
Ion Ratio Lower Upper
105 100
120 47.1 25.3 75.9

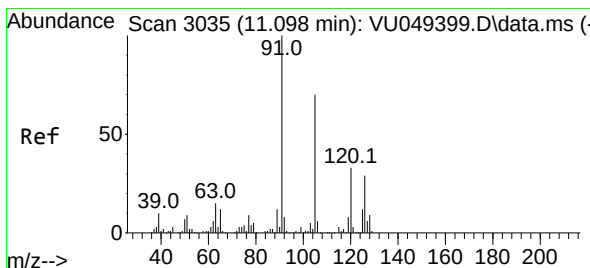
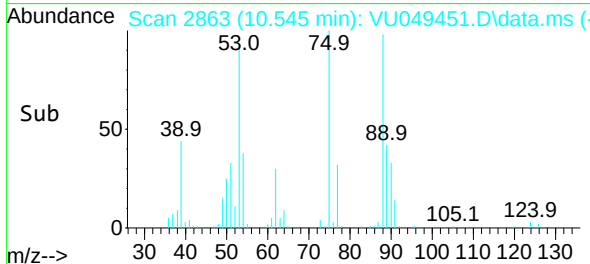
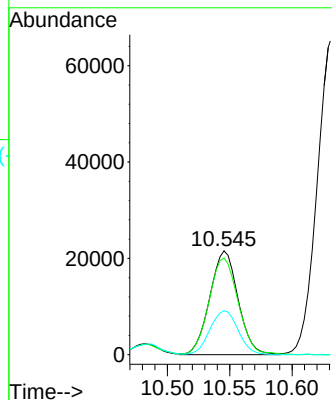
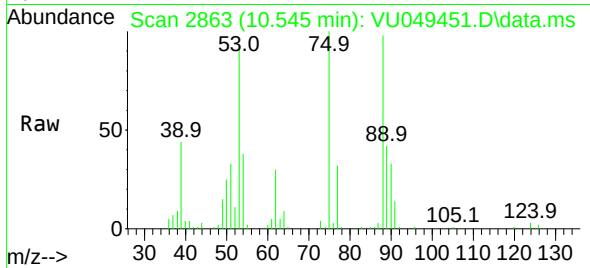




#81
trans-1,4-Dichloro-2-butene
Concen: 19.118 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

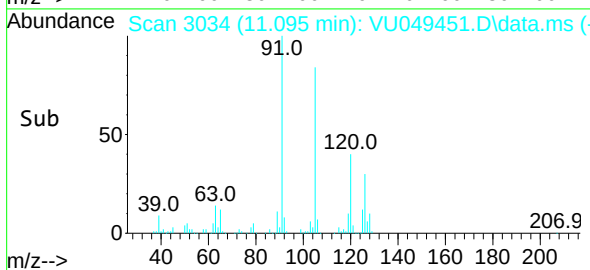
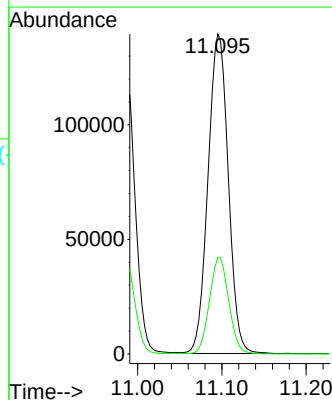
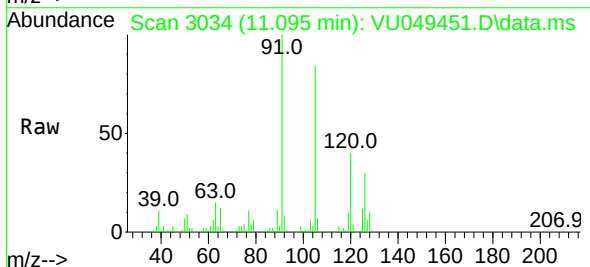
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

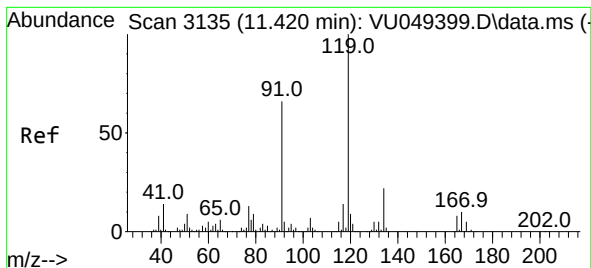
Tgt Ion: 75 Resp: 34081
Ion Ratio Lower Upper
75 100
53 95.9 69.2 103.8
89 42.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.008 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 91 Resp: 233046
Ion Ratio Lower Upper
91 100
126 28.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.701 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

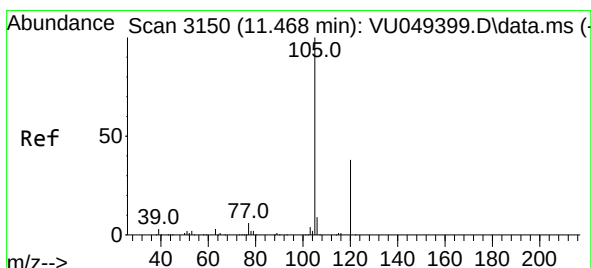
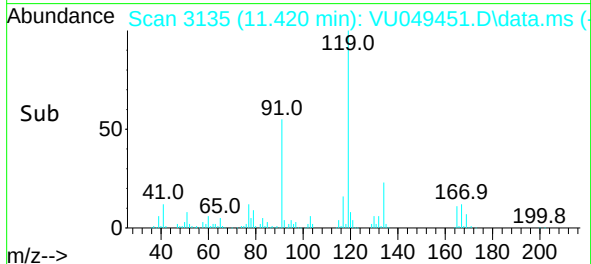
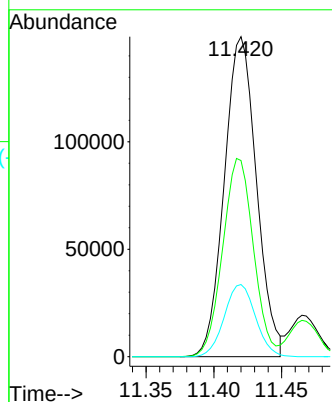
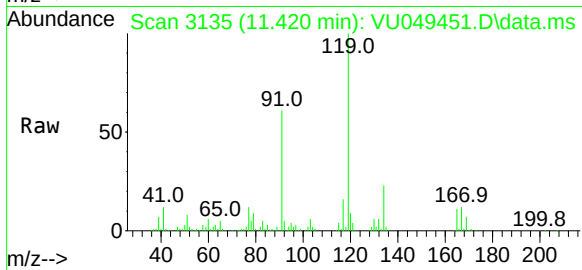
Tgt Ion:119 Resp: 245897

Ion Ratio Lower Upper

119 100

91 59.1 26.8 80.3

134 21.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 20.999 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049451.D

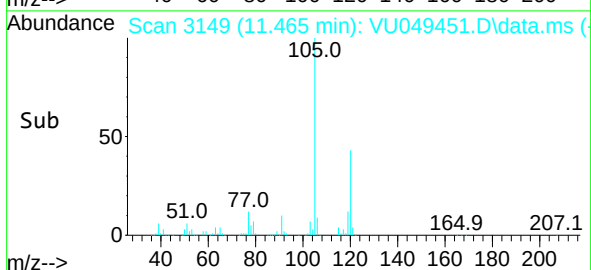
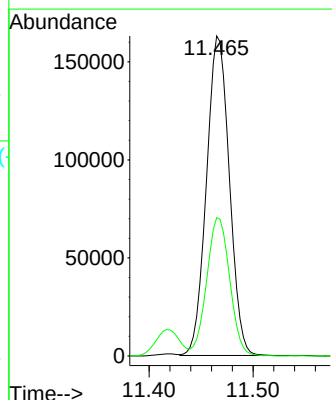
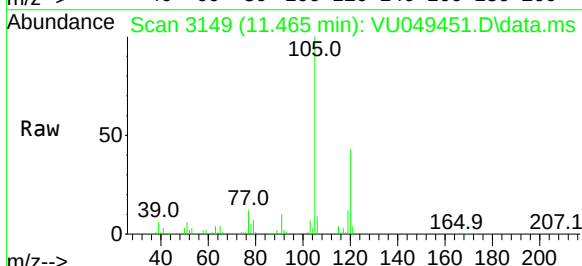
Acq: 28 Jun 2022 12:26

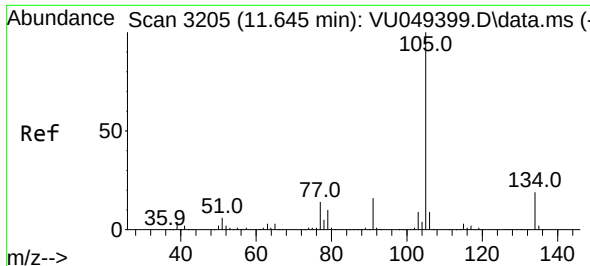
Tgt Ion:105 Resp: 249145

Ion Ratio Lower Upper

105 100

120 43.5 23.4 70.3

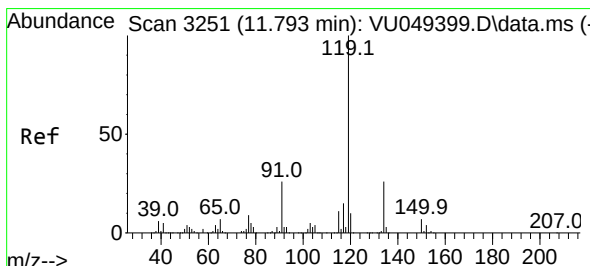
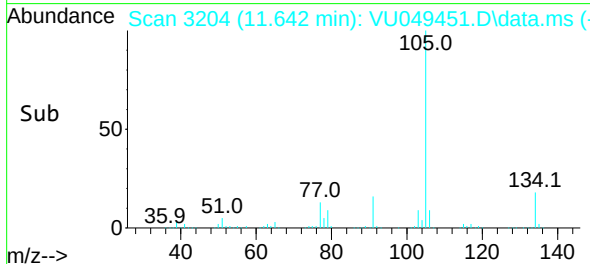
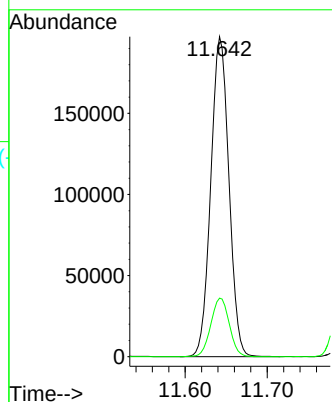
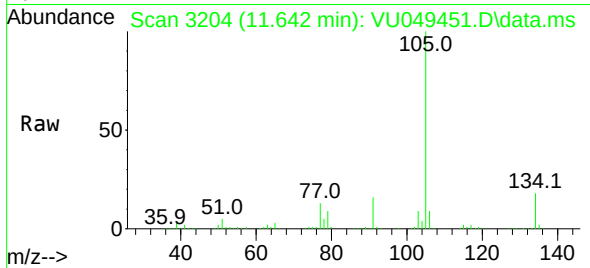




#85
 sec-Butylbenzene
 Concen: 20.241 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

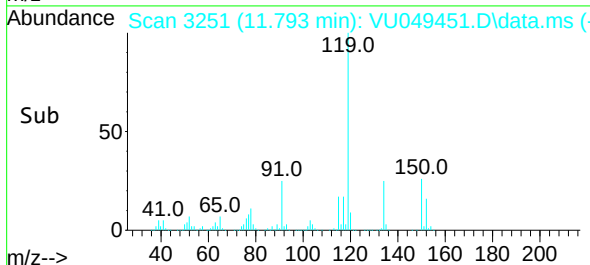
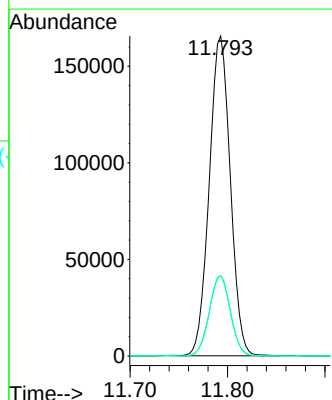
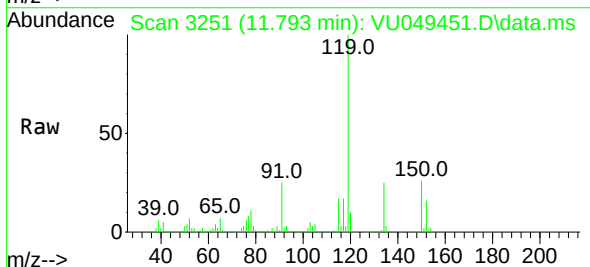
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

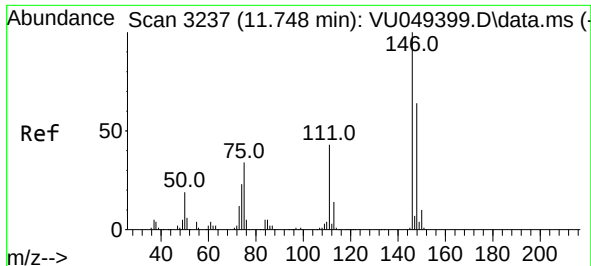
Tgt Ion:105 Resp: 302296
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.549 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion:119 Resp: 248192
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.5 40.4
 91 25.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.474 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

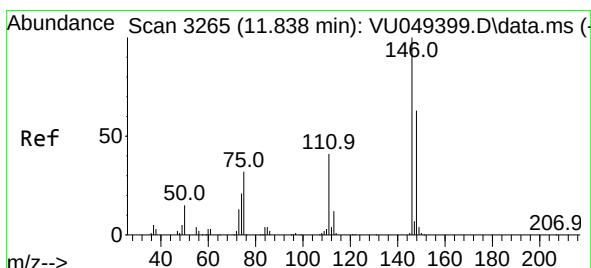
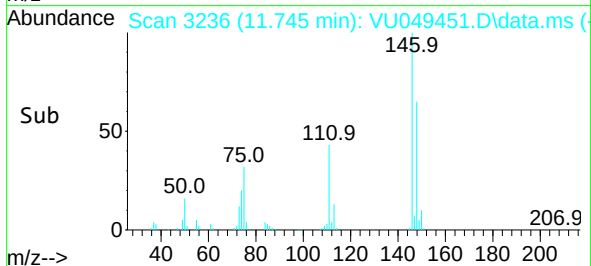
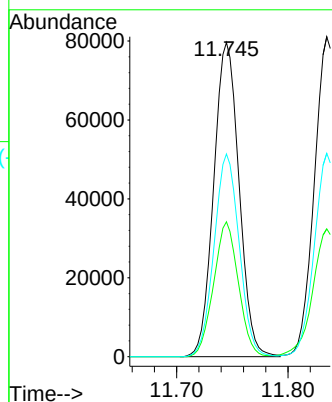
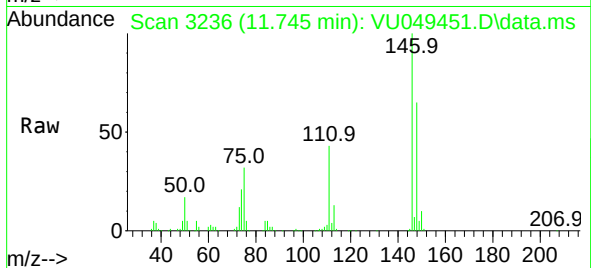
Tgt Ion:146 Resp: 125720

Ion Ratio Lower Upper

146 100

111 42.0 18.9 56.5

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.639 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

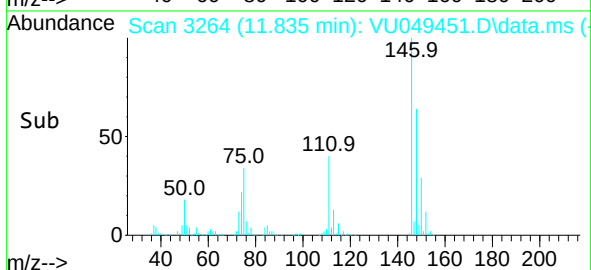
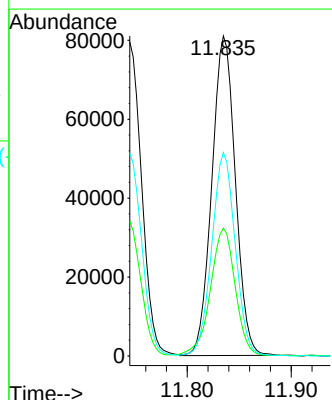
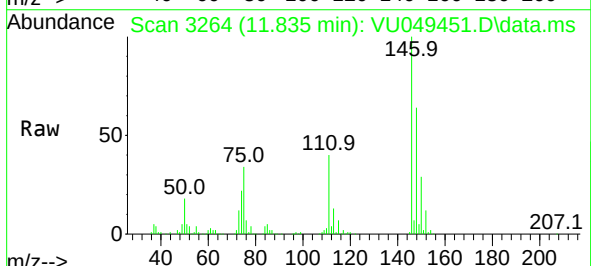
Tgt Ion:146 Resp: 127433

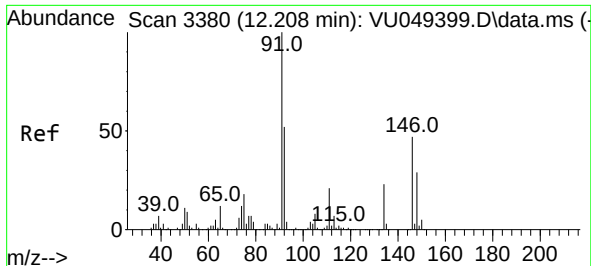
Ion Ratio Lower Upper

146 100

111 41.8 18.5 55.5

148 63.8 31.9 95.7

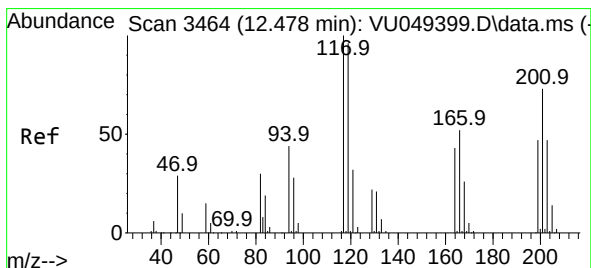
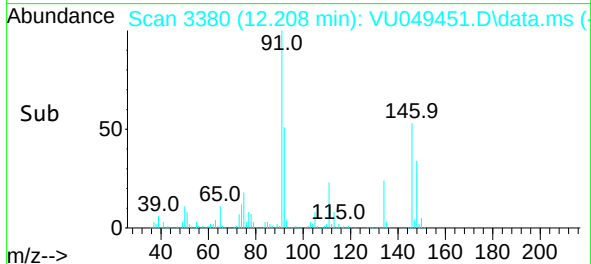
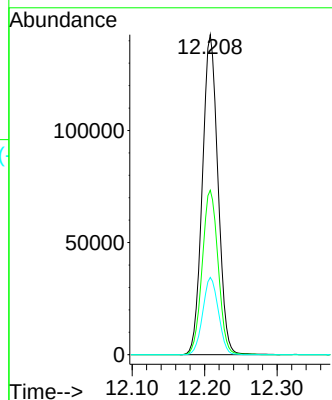
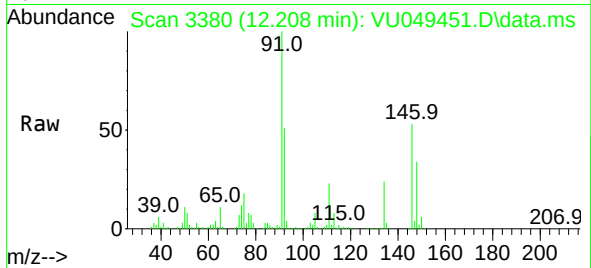




#89
n-Butylbenzene
Concen: 19.078 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

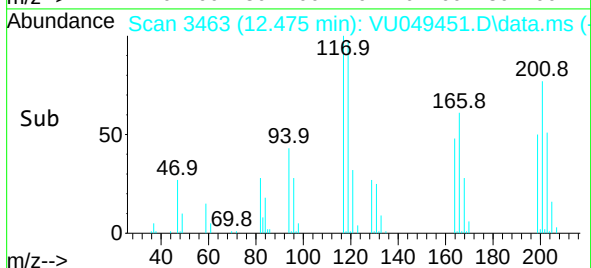
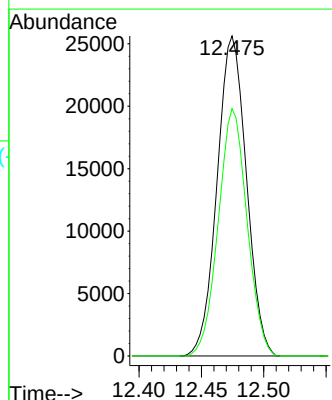
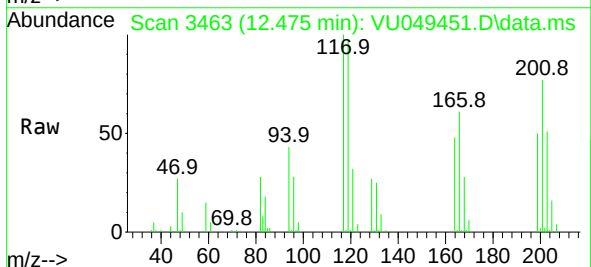
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

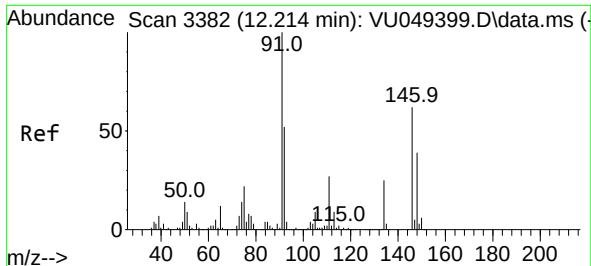
Tgt Ion: 91 Resp: 213302
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 24.2 13.5 40.4



#90
Hexachloroethane
Concen: 17.463 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion: 117 Resp: 42011
Ion Ratio Lower Upper
117 100
201 75.7 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.309 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS01

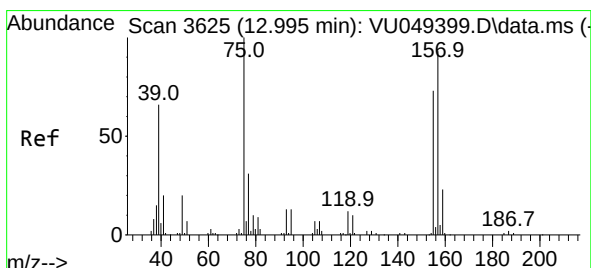
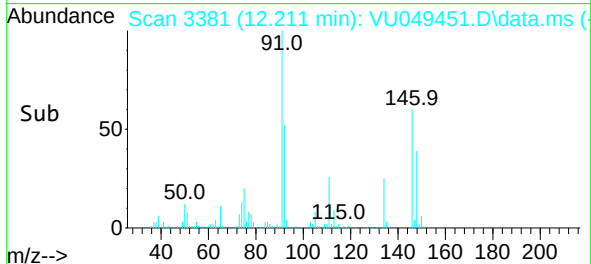
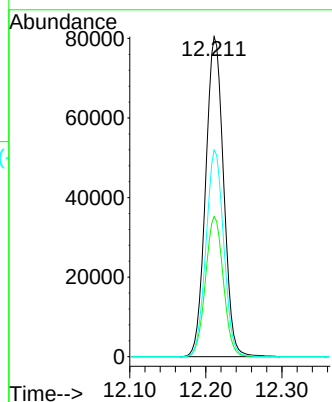
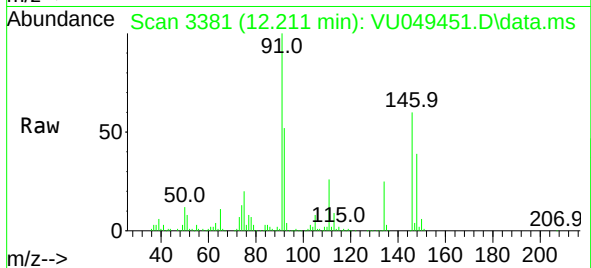
Tgt Ion:146 Resp: 131736

Ion Ratio Lower Upper

146 100

111 43.5 19.9 59.6

148 63.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.400 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049451.D

Acq: 28 Jun 2022 12:26

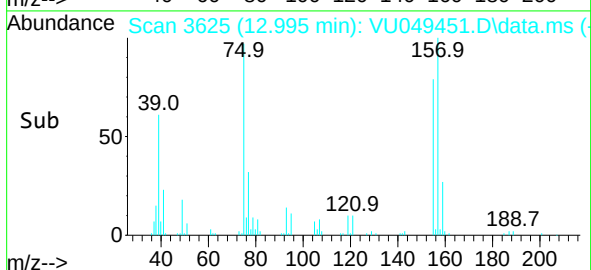
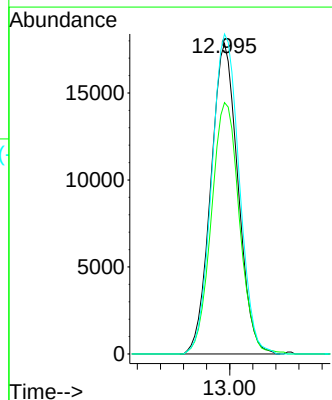
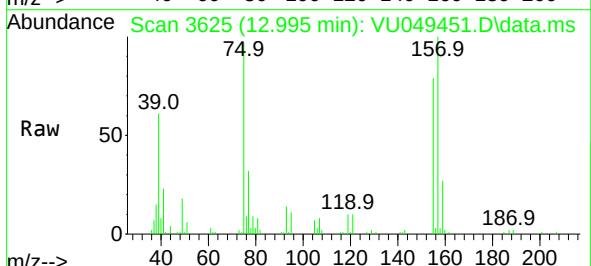
Tgt Ion: 75 Resp: 29151

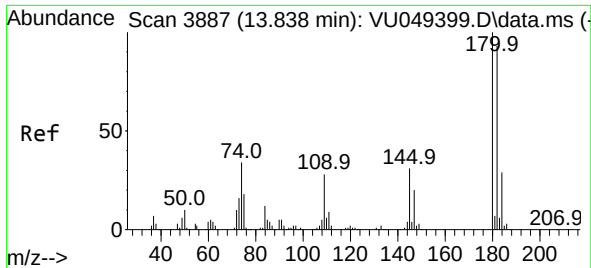
Ion Ratio Lower Upper

75 100

155 83.5 47.8 143.4

157 104.4 62.2 186.5

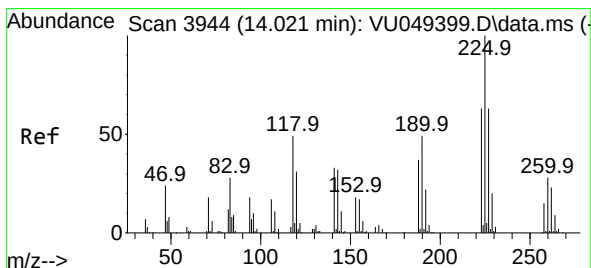
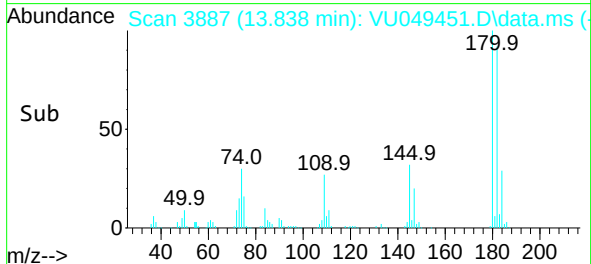
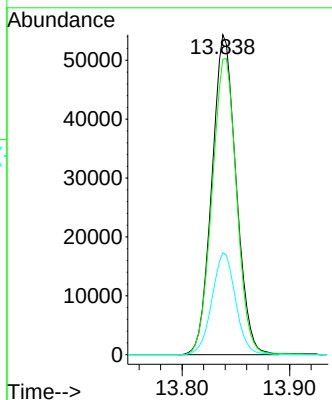
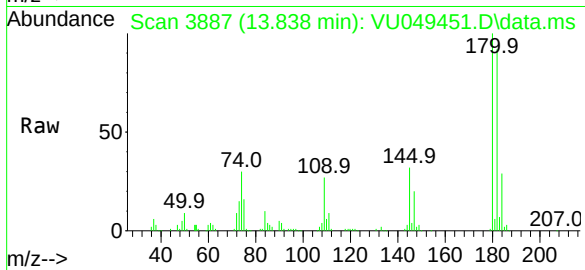




#93
 1,2,4-Trichlorobenzene
 Concen: 20.630 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

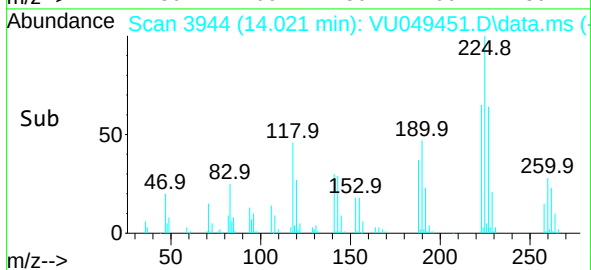
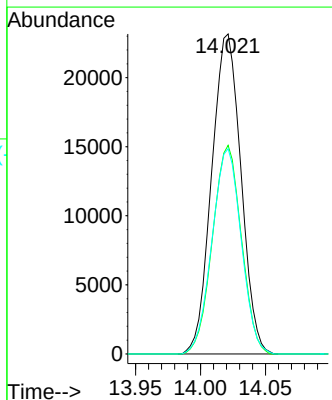
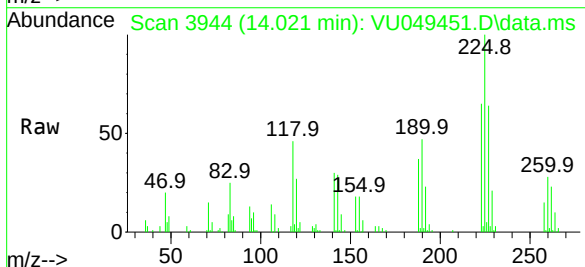
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS01

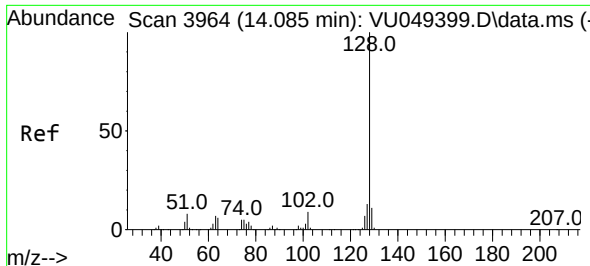
Tgt Ion:180 Resp: 85158
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.9 143.6
 145 31.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 18.017 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. -0.000 min
 Lab File: VU049451.D
 Acq: 28 Jun 2022 12:26

Tgt Ion:225 Resp: 36253
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.3 93.9
 227 64.0 32.0 96.2

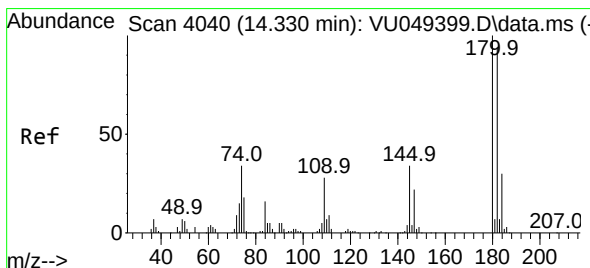
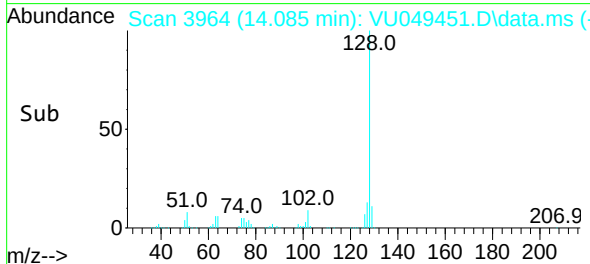
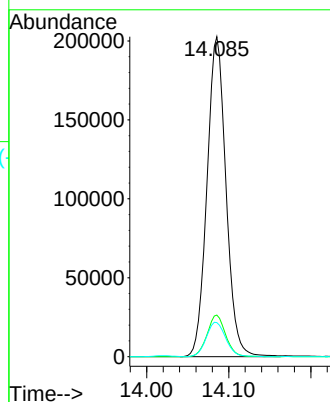
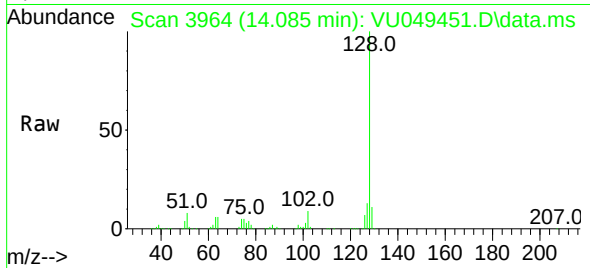




#95
Naphthalene
Concen: 22.456 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS01

Tgt Ion:128 Resp: 326351
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.624 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049451.D
Acq: 28 Jun 2022 12:26

Tgt Ion:180 Resp: 89130
Ion Ratio Lower Upper
180 100
182 95.9 48.4 145.0
145 32.9 14.8 44.4

