

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048949.D
 Acq On : 08 Jun 2022 07:20
 Operator : SY/MD
 Sample : N3166-13MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

Quant Time: Jun 08 09:19:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	150878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.246	114	255737	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	238423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	135196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	135795	59.930	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.860%#	
35) Dibromofluoromethane	5.288	113	100041	54.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.660%	
50) Toluene-d8	7.896	98	324468	49.612	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	10.632	95	133937	54.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	74649	43.219	ug/l	98
3) Chloromethane	1.520	50	113416	51.008	ug/l	97
4) Vinyl Chloride	1.604	62	101720	49.394	ug/l	98
5) Bromomethane	1.829	94	55174	47.981	ug/l	98
6) Chloroethane	1.912	64	61414	54.538	ug/l	94
7) Trichlorofluoromethane	2.128	101	142831	48.563	ug/l	100
8) Diethyl Ether	2.372	74	62112	57.227	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	74635	46.358	ug/l	98
10) Methyl Iodide	2.716	142	122366	51.098	ug/l	99
11) Tert butyl alcohol	3.192	59	215089	374.414	ug/l #	43
12) 1,1-Dichloroethene	2.575	96	75457	49.137	ug/l	99
13) Acrolein	2.481	56	40771	213.547	ug/l	99
14) Allyl chloride	2.919	41	157010	52.789	ug/l	97
15) Acrylonitrile	3.308	53	423349	339.789	ug/l	99
16) Acetone	2.623	43	373421	323.375	ug/l	97
17) Carbon Disulfide	2.787	76	172969	38.585	ug/l	99
18) Methyl Acetate	2.944	43	204151	70.414	ug/l	100
19) Methyl tert-butyl Ether	3.359	73	362287	62.177	ug/l	99
20) Methylene Chloride	3.041	84	106606	54.289	ug/l	97
21) trans-1,2-Dichloroethene	3.349	96	85177	48.490	ug/l	92
22) Diisopropyl ether	3.989	45	345282	62.934	ug/l	97
23) Vinyl Acetate	3.951	43	1510602	317.788	ug/l	99
24) 1,1-Dichloroethane	3.867	63	197074	57.194	ug/l	99
25) 2-Butanone	4.697	43	577284	347.988	ug/l	100
26) 2,2-Dichloropropane	4.661	77	92597	29.954	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	111538	54.858	ug/l	95
28) Bromochloromethane	4.970	49	87374	64.647	ug/l	100
29) Tetrahydrofuran	5.047	42	366549	350.785	ug/l	99
30) Chloroform	5.086	83	204277	59.249	ug/l	99
31) Cyclohexane	5.385	56	131116	45.916	ug/l	100
32) 1,1,1-Trichloroethane	5.314	97	169398	54.156	ug/l	100
36) 1,1-Dichloropropene	5.523	75	122894	46.152	ug/l	100
37) Ethyl Acetate	4.796	43	394403	117.163	ug/l	99
38) Carbon Tetrachloride	5.523	117	148500	48.610	ug/l	99
39) Methylcyclohexane	6.761	83	119145	42.673	ug/l	99
40) Benzene	5.774	78	404750	51.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	109110	64.141	ug/l	98
42) 1,2-Dichloroethane	5.793	62	167679	54.488	ug/l	99
43) Isopropyl Acetate	5.909	43	288295	59.006	ug/l	98
44) Trichloroethene	6.539	130	97771	48.274	ug/l	96
45) 1,2-Dichloropropane	6.790	63	117124	59.180	ug/l	99
46) Dibromomethane	6.915	93	82576	55.847	ug/l	98
47) Bromodichloromethane	7.105	83	161723	54.085	ug/l	98
48) Methyl methacrylate	6.957	41	140581	64.094	ug/l	99
49) 1,4-Dioxane	6.963	88	86614	1766.504	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	1089271	343.349	ug/l	99
52) Toluene	7.967	92	240600	51.167	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	155450	48.193	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	169780	50.795	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	116118	55.953	ug/l	99
56) Ethyl methacrylate	8.333	69	182618	55.389	ug/l	98
57) 1,3-Dichloropropane	8.574	76	201369	57.652	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	104889	154.376	ug/l	97
59) 2-Hexanone	8.684	43	929625	356.927	ug/l	100
60) Dibromochloromethane	8.809	129	131088	56.351	ug/l	99
61) 1,2-Dibromoethane	8.922	107	124183	54.335	ug/l	97
64) Tetrachloroethene	8.552	164	81286	49.077	ug/l	96
65) Chlorobenzene	9.446	112	267606	53.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	113721	59.413	ug/l	98
67) Ethyl Benzene	9.571	91	453404	53.310	ug/l	100
68) m/p-Xylenes	9.693	106	356404	107.144	ug/l	100
69) o-Xylene	10.102	106	183000	55.997	ug/l	98
70) Styrene	10.115	104	316153	58.815	ug/l	99
71) Bromoform	10.291	173	110312	62.333	ug/l #	100
73) Isopropylbenzene	10.484	105	472360	54.119	ug/l	98
74) N-amyl acetate	10.320	43	256970	57.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	229778	64.511	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	247283	56.729	ug/l	96
77) Bromobenzene	10.780	156	122100	52.089	ug/l	100
78) n-propylbenzene	10.905	91	529743	50.935	ug/l	100
79) 2-Chlorotoluene	10.986	91	341258	52.763	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	412694	54.371	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	57122	47.580	ug/l	97
82) 4-Chlorotoluene	11.095	91	392252	52.564	ug/l	99
83) tert-Butylbenzene	11.420	119	432325	59.345	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	439860	53.681	ug/l	100
85) sec-Butylbenzene	11.642	105	513175	56.308	ug/l	98
86) p-Isopropyltoluene	11.793	119	439374	56.140	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	237100	51.590	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	241113	50.781	ug/l	100
89) n-Butylbenzene	12.208	91	360007	46.132	ug/l	99
90) Hexachloroethane	12.475	117	83959	52.564	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	258725	55.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	59226	57.750	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	141505	46.446	ug/l	98
94) Hexachlorobutadiene	14.021	225	70906	48.555	ug/l	99
95) Naphthalene	14.085	128	503712	47.469	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	150651	49.925	ug/l	99

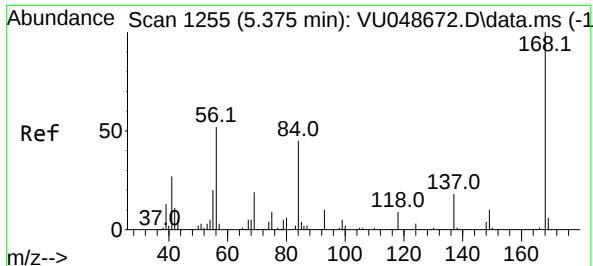
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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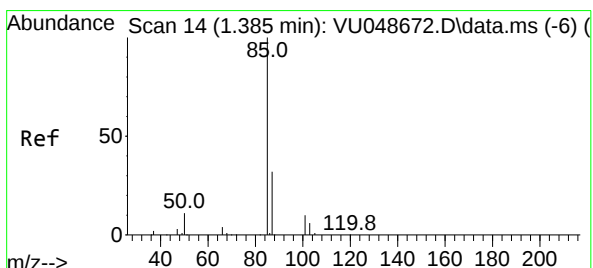
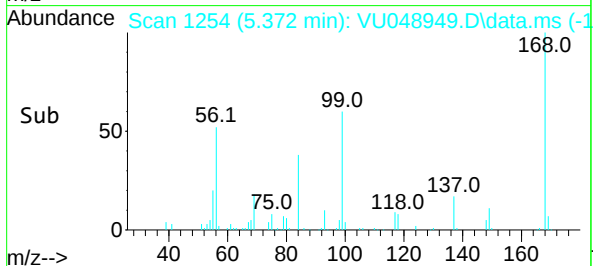
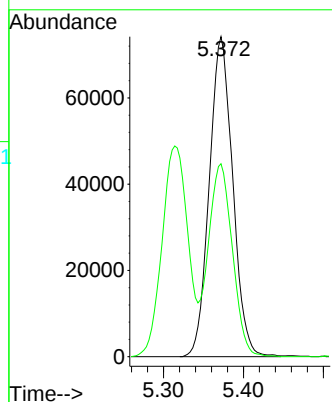
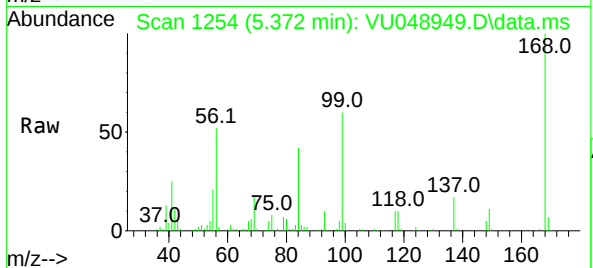
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048949.D
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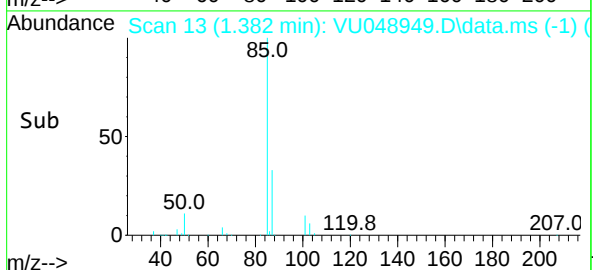
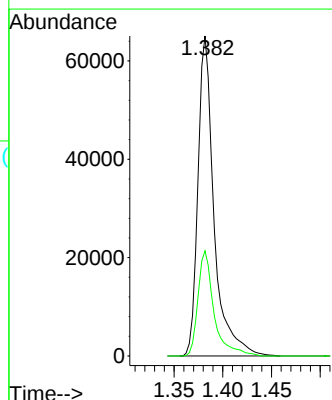
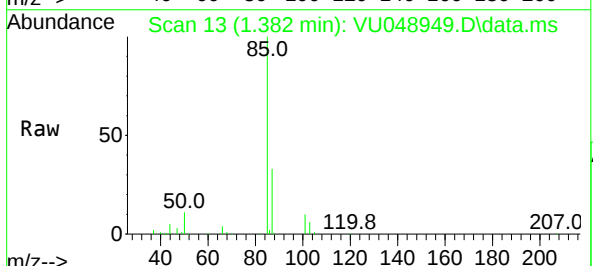
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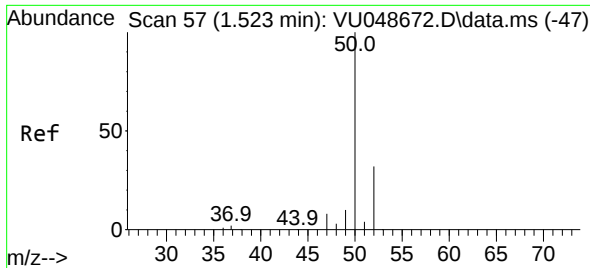
Tgt Ion:168 Resp: 150878
Ion Ratio Lower Upper
168 100
99 60.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 43.219 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 85 Resp: 74649
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

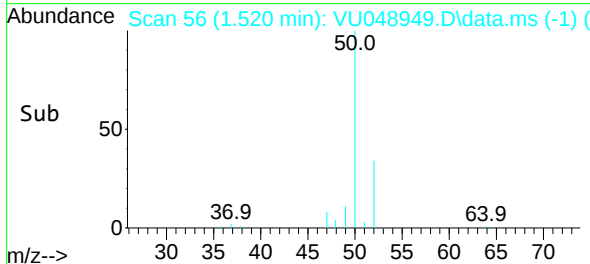
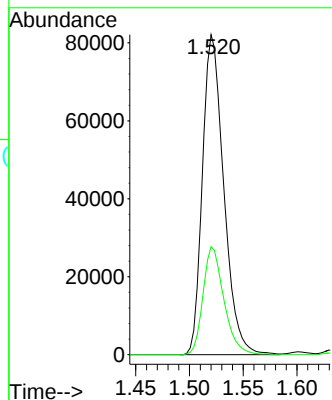
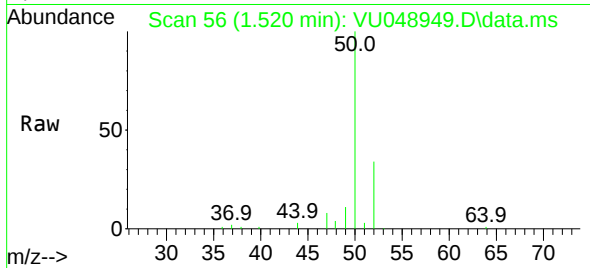




#3
Chloromethane
Concen: 51.008 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

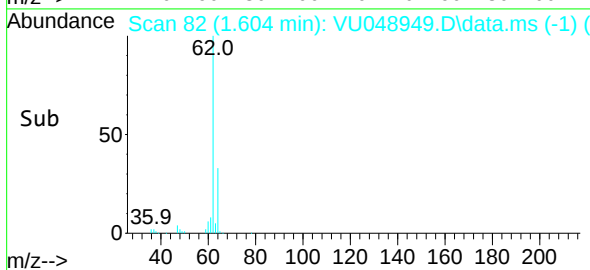
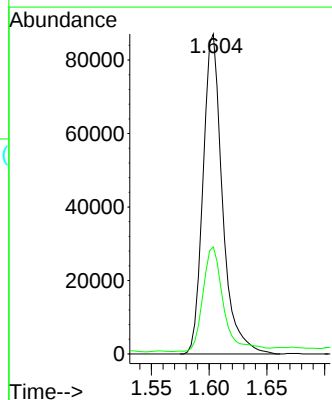
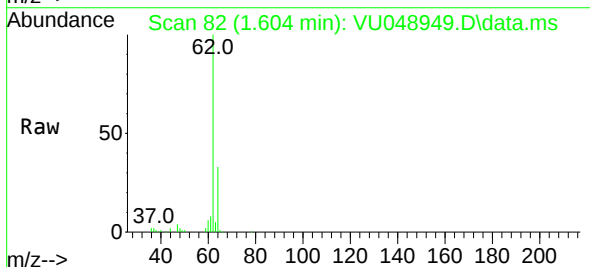
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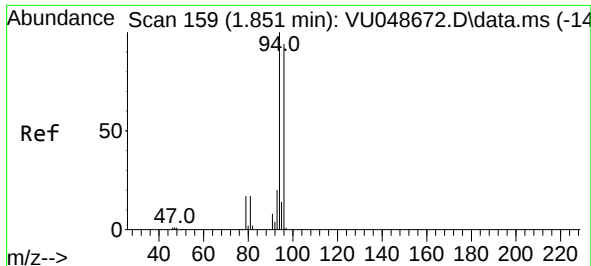
Tgt Ion: 50 Resp: 113416
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5



#4
Vinyl Chloride
Concen: 49.394 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 62 Resp: 101720
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

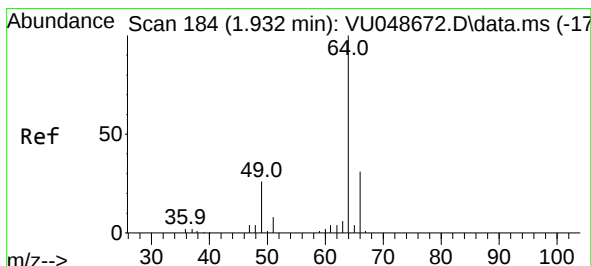
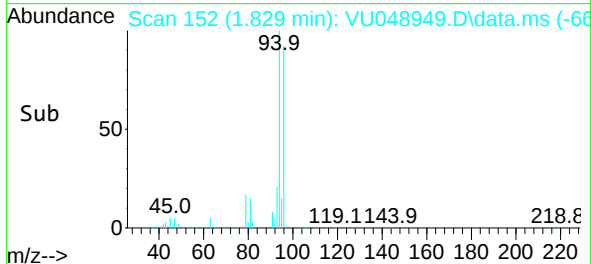
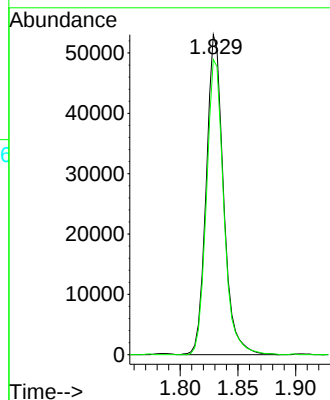
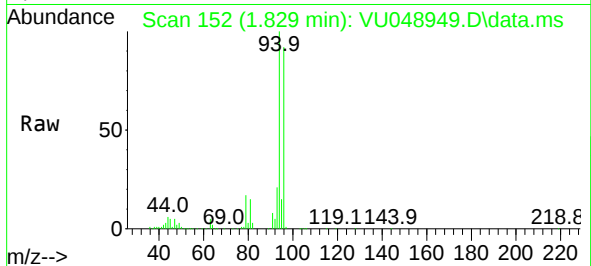




#5
Bromomethane
Concen: 47.981 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

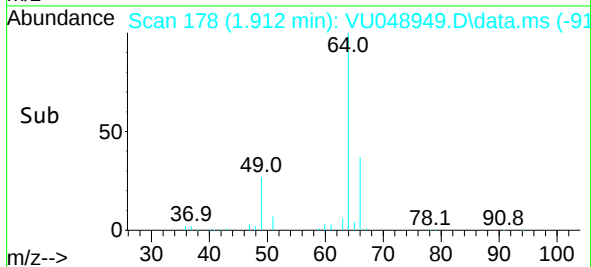
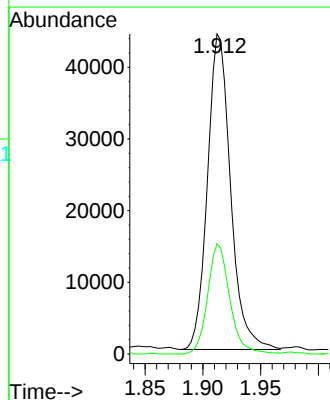
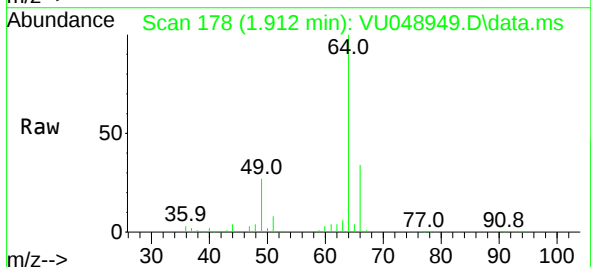
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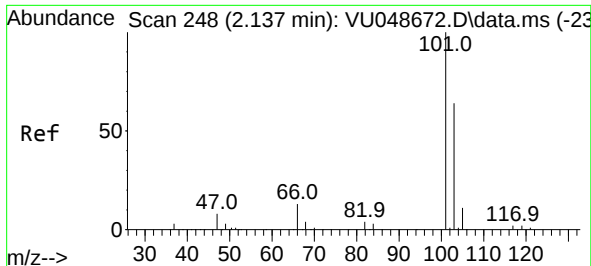
Tgt Ion: 94 Resp: 55174
Ion Ratio Lower Upper
94 100
96 92.2 75.1 112.7



#6
Chloroethane
Concen: 54.538 ug/l
RT: 1.912 min Scan# 178
Delta R.T. -0.020 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 64 Resp: 61414
Ion Ratio Lower Upper
64 100
66 35.0 25.2 37.8

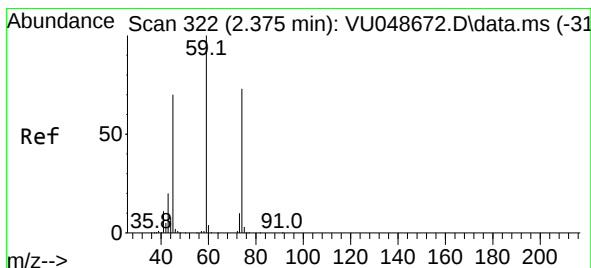
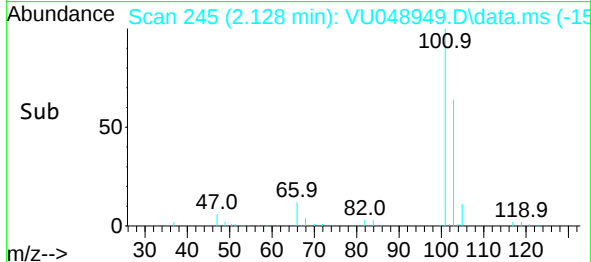
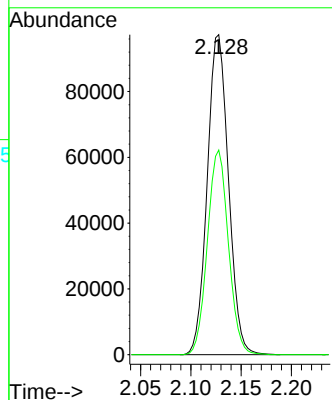
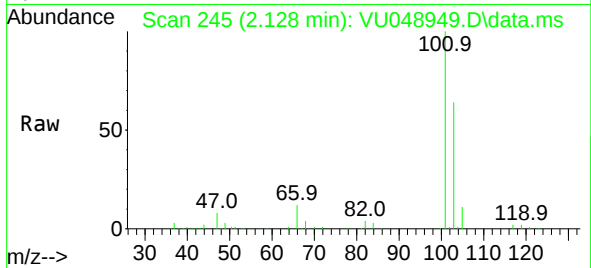




#7
 Trichlorofluoromethane
 Concen: 48.563 ug/l
 RT: 2.128 min Scan# 248
 Delta R.T. -0.010 min
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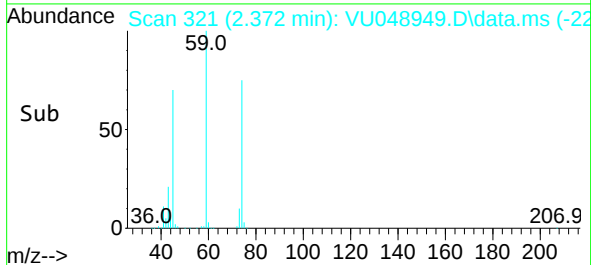
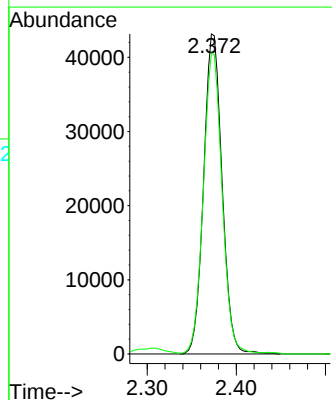
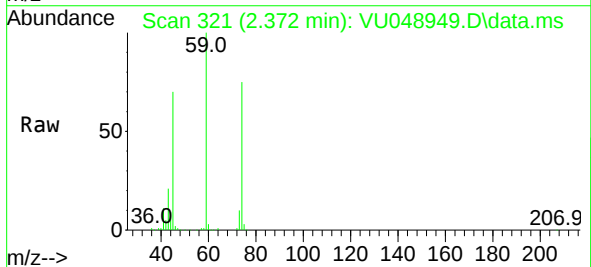
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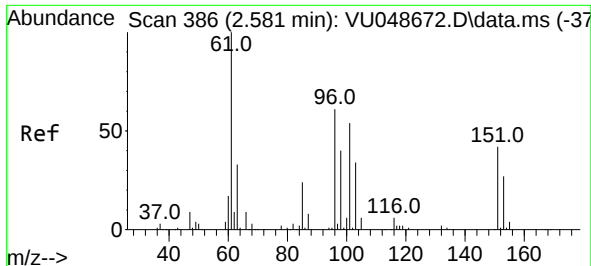
Tgt Ion:101 Resp: 142831
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.4



#8
 Diethyl Ether
 Concen: 57.227 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 74 Resp: 62112
 Ion Ratio Lower Upper
 74 100
 45 94.9 47.7 143.1

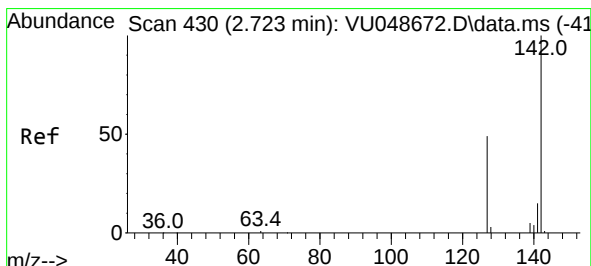
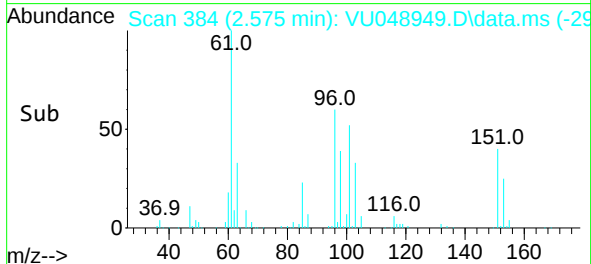
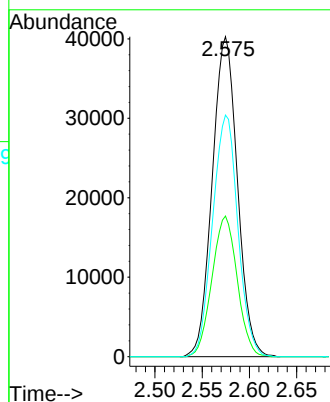
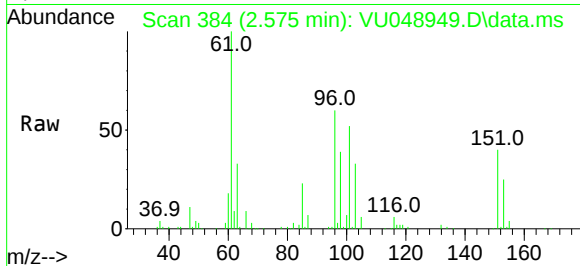




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.358 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU048949.D
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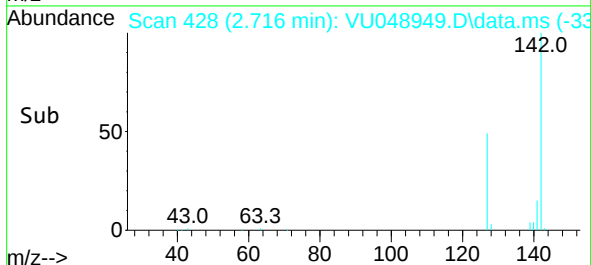
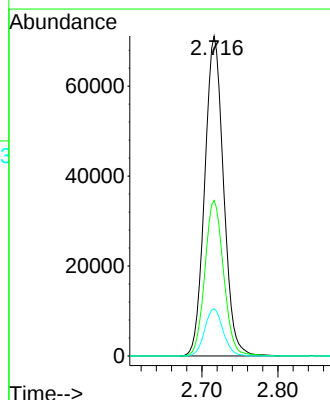
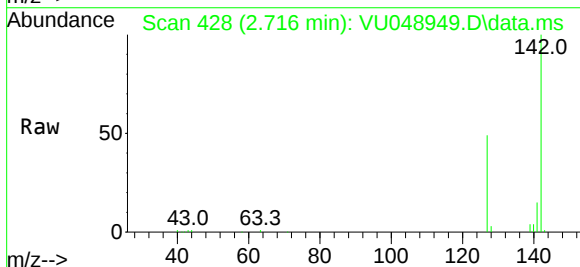
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ClientSampleId :
11BR-20220601MSD

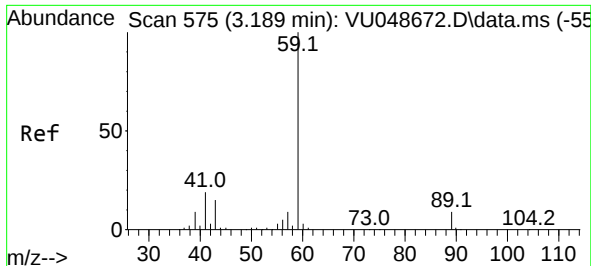
Tgt Ion:101 Resp: 74635
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 75.8 62.5 93.7



#10
Methyl Iodide
Concen: 51.098 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:142 Resp: 122366
Ion Ratio Lower Upper
142 100
127 48.4 38.4 57.6
141 14.4 11.5 17.3

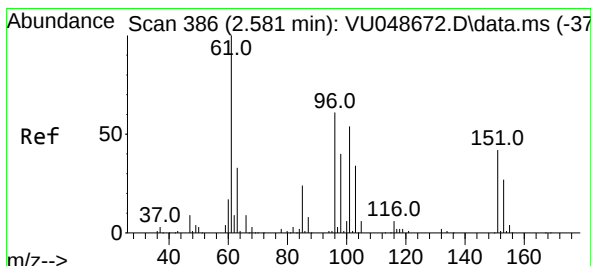
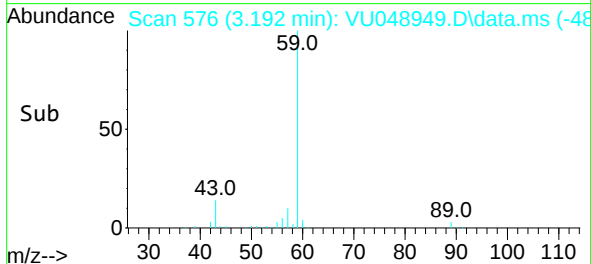
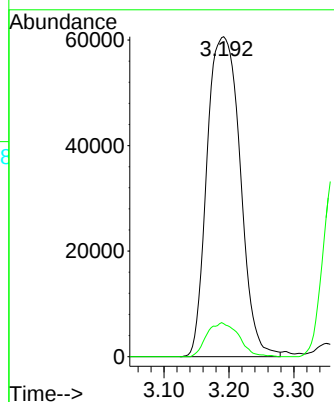
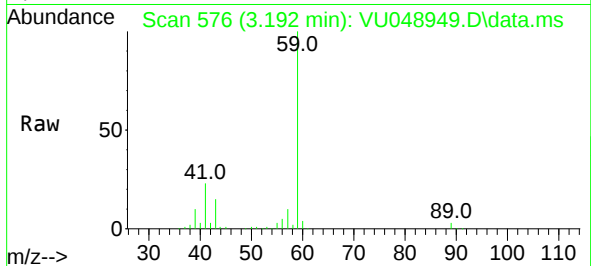




#11
Tert butyl alcohol
Concen: 374.414 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

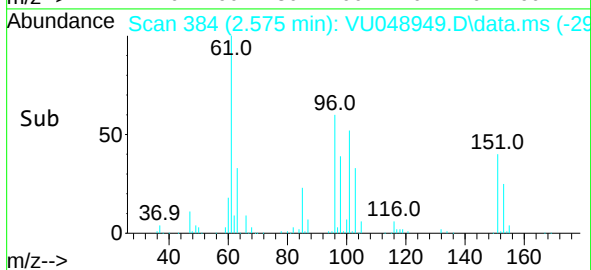
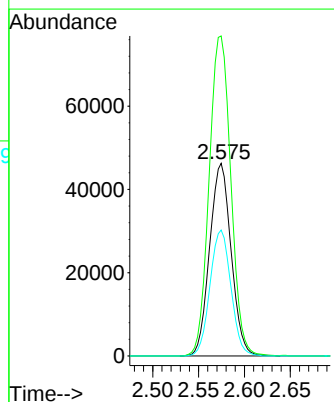
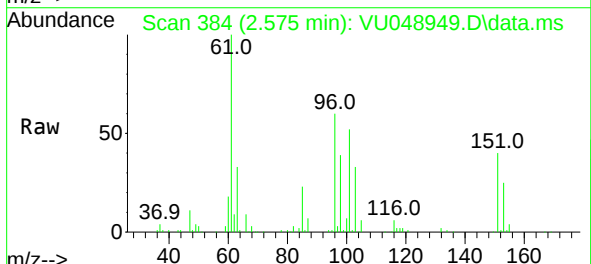
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

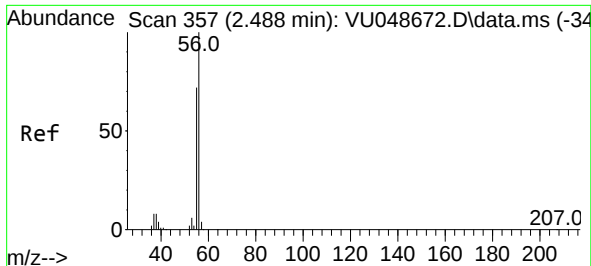
Tgt Ion: 59 Resp: 215089
Ion Ratio Lower Upper
59 100
57 10.3 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 49.137 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 96 Resp: 75457
Ion Ratio Lower Upper
96 100
61 166.1 131.1 196.7
98 65.3 51.8 77.8

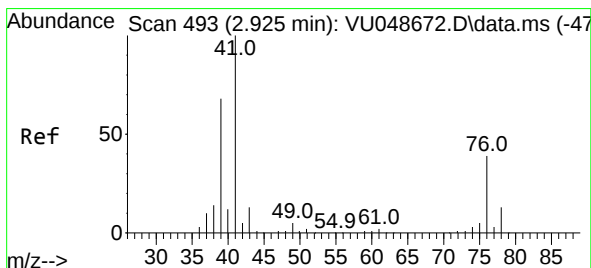
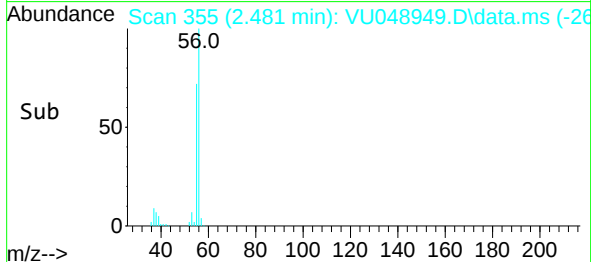
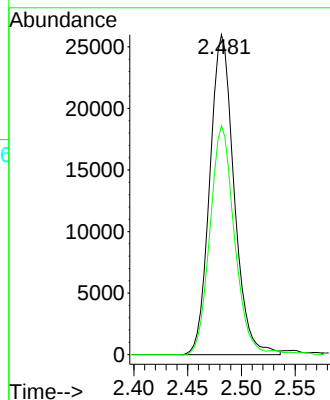
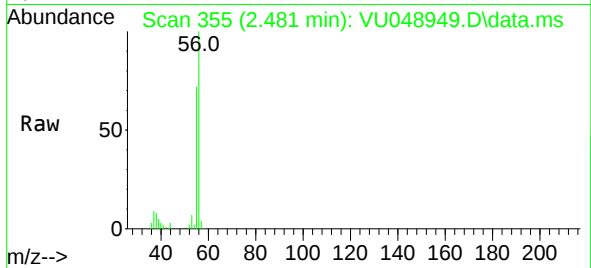




#13
Acrolein
Concen: 213.547 ug/l
RT: 2.481 min Scan# 311
Delta R.T. -0.007 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

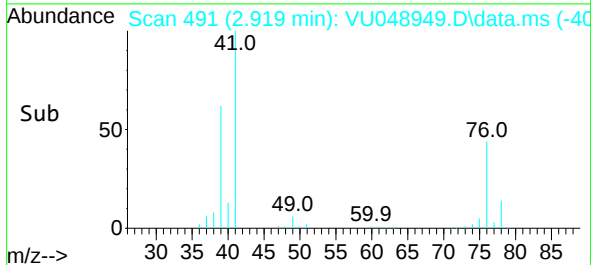
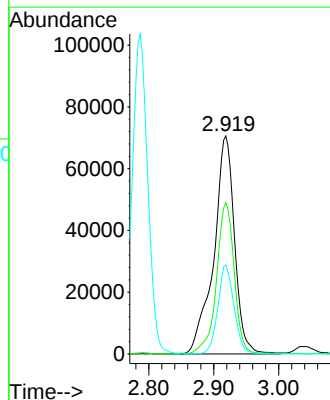
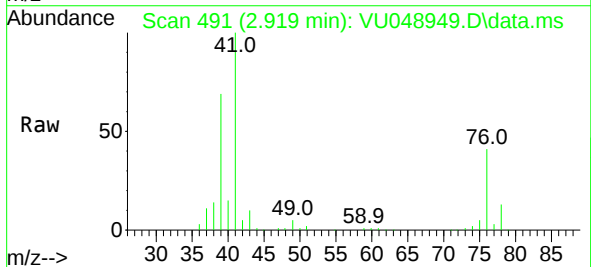
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

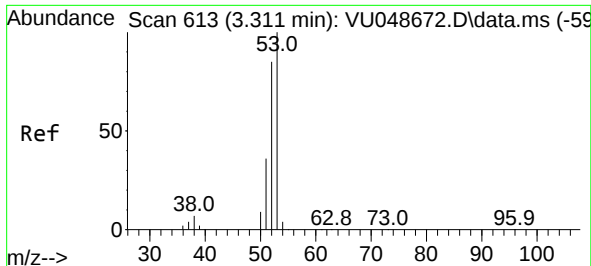
Tgt Ion: 56 Resp: 40771
Ion Ratio Lower Upper
56 100
55 71.4 57.7 86.5



#14
Allyl chloride
Concen: 52.789 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.007 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 41 Resp: 157010
Ion Ratio Lower Upper
41 100
39 58.9 48.6 72.8
76 31.5 27.0 40.4

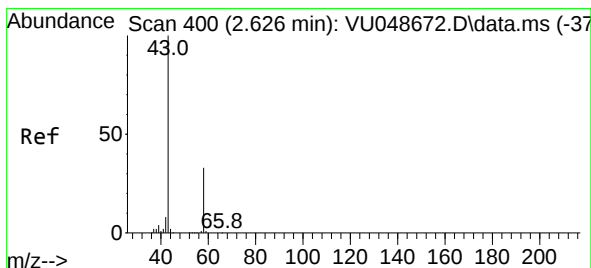
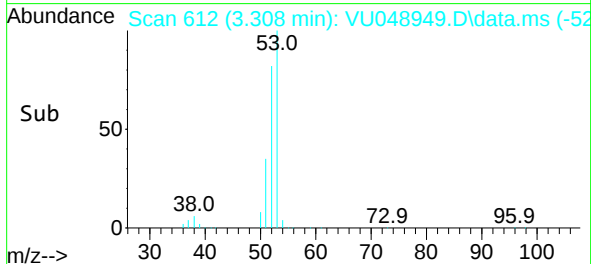
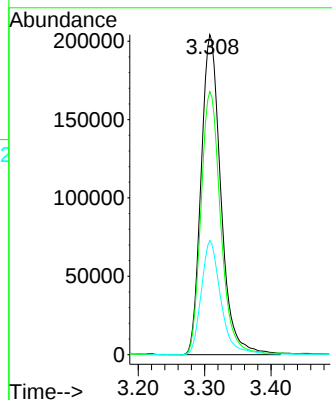
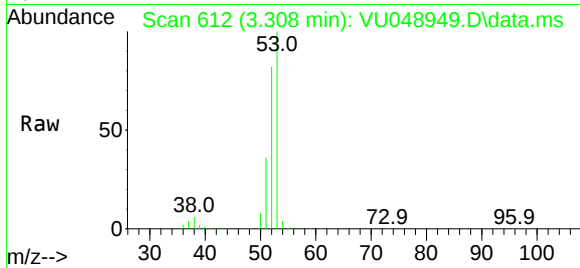




#15
Acrylonitrile
Concen: 339.789 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

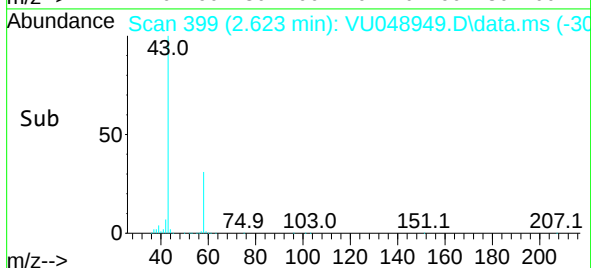
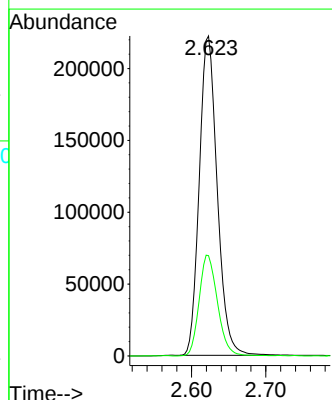
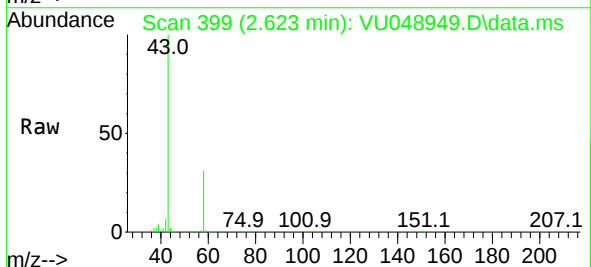
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

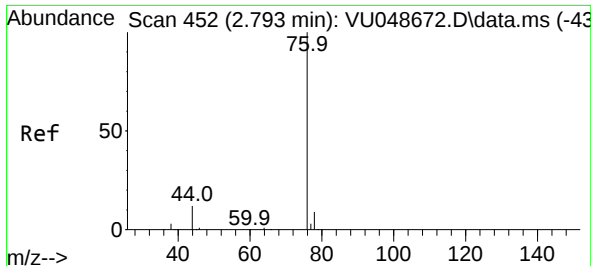
Tgt Ion: 53 Resp: 423349
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 35.4 28.6 42.8



#16
Acetone
Concen: 323.375 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 43 Resp: 373421
Ion Ratio Lower Upper
43 100
58 31.4 26.3 39.5





#17

Carbon Disulfide

Concen: 38.585 ug/l

RT: 2.787 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

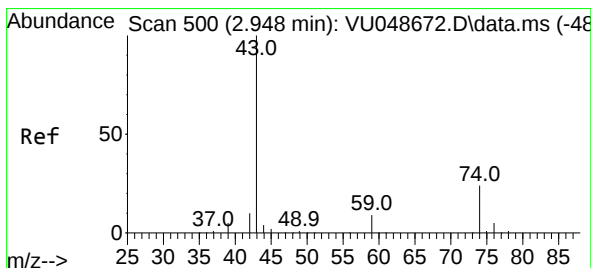
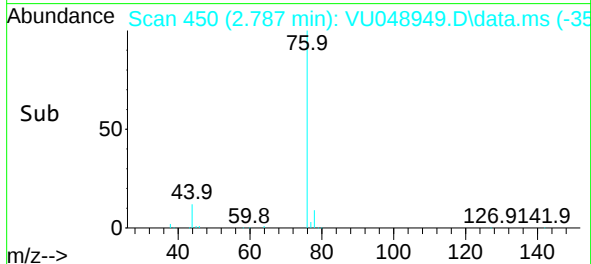
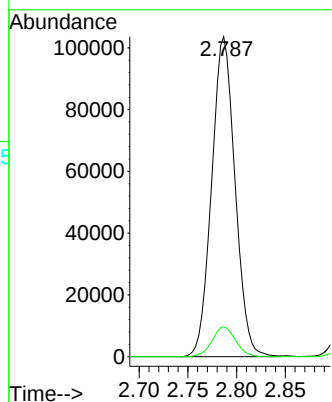
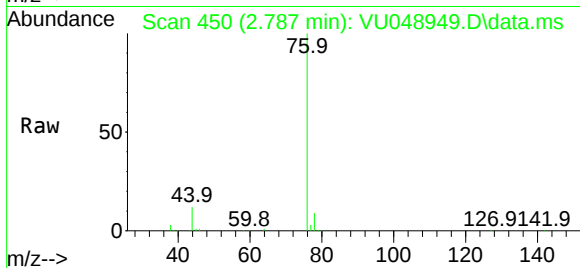
11BR-20220601MSD

Tgt Ion: 76 Resp: 172969

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 70.414 ug/l

RT: 2.944 min Scan# 499

Delta R.T. -0.003 min

Lab File: VU048949.D

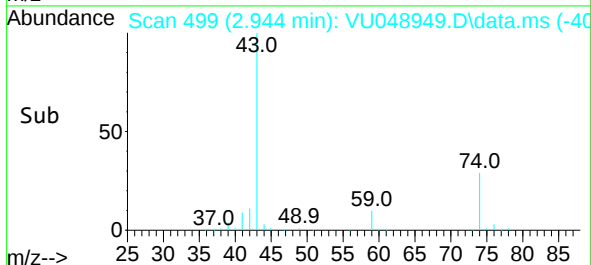
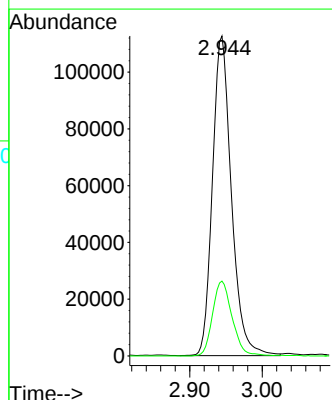
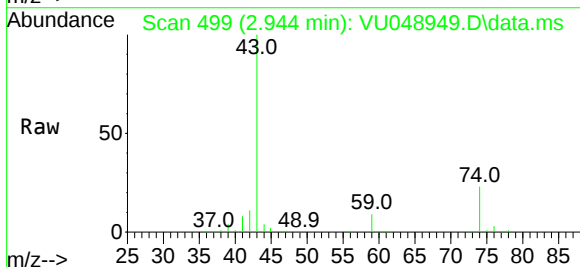
Acq: 08 Jun 2022 07:20

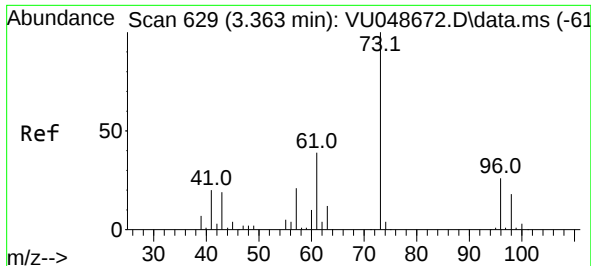
Tgt Ion: 43 Resp: 204151

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 62.177 ug/l

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

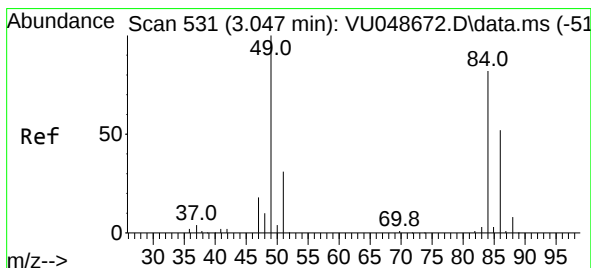
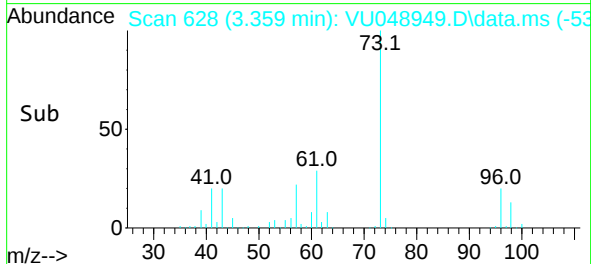
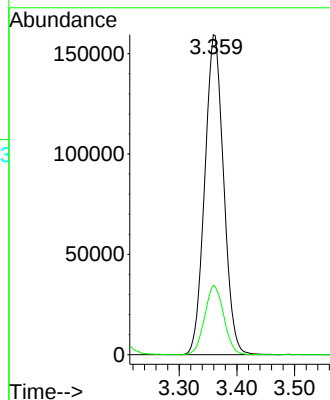
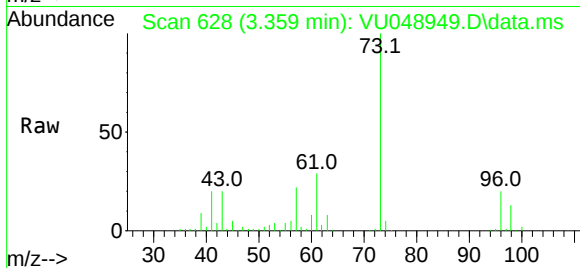
11BR-20220601MSD

Tgt Ion: 73 Resp: 362287

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 54.289 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.007 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Tgt Ion: 84 Resp: 106606

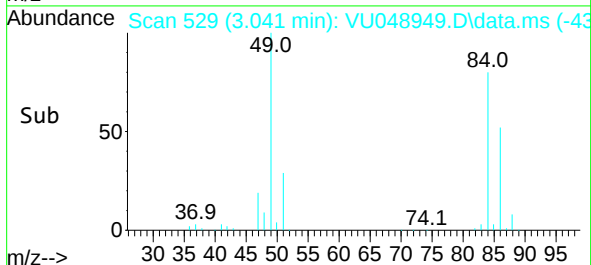
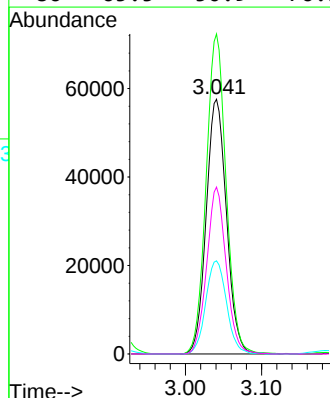
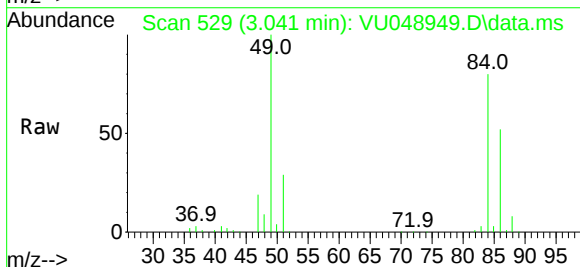
Ion Ratio Lower Upper

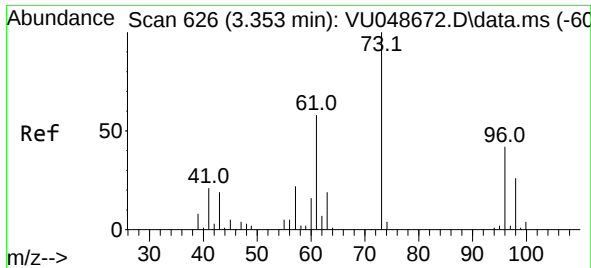
84 100

49 125.6 97.0 145.4

51 36.6 29.8 44.8

86 65.5 50.9 76.3

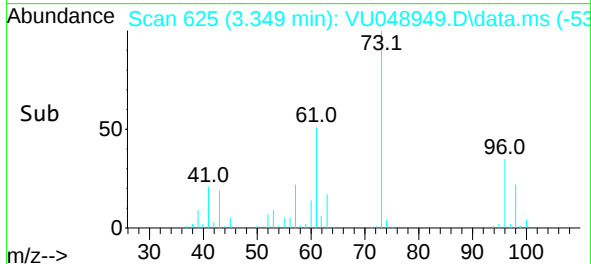
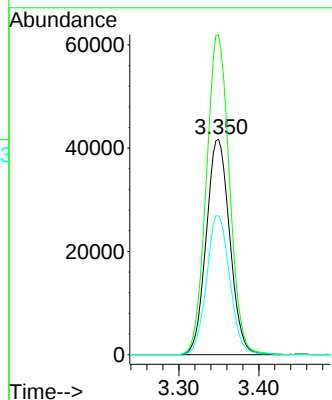
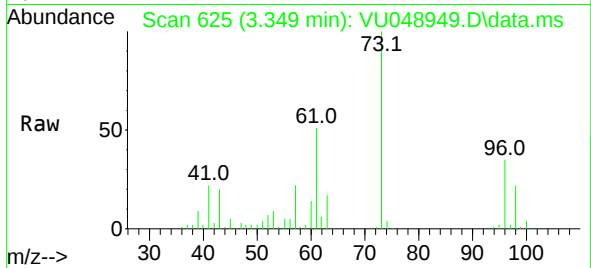




#21
trans-1,2-Dichloroethene
Concen: 48.490 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

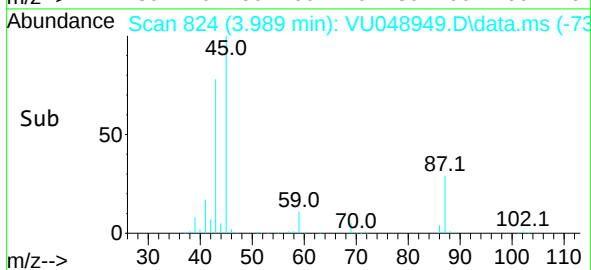
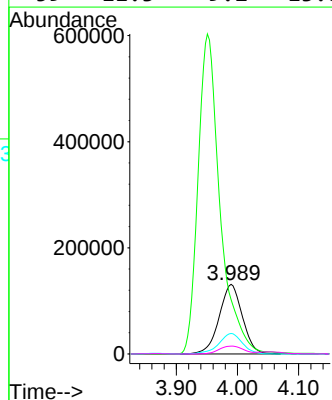
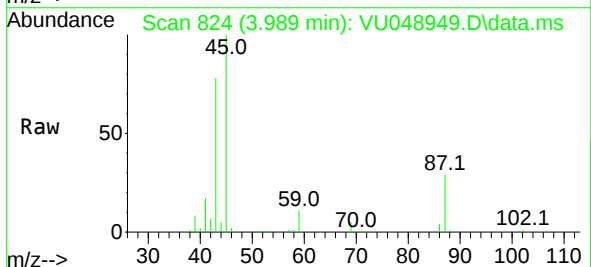
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MSVOA_U
ClientSampleId :
11BR-20220601MSD

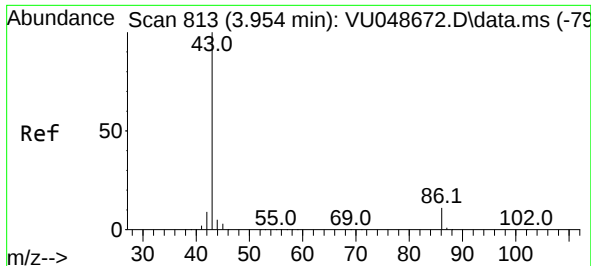
Tgt Ion: 96 Resp: 85177
Ion Ratio Lower Upper
96 100
61 148.5 109.4 164.2
98 64.5 48.9 73.3



#22
Diisopropyl ether
Concen: 62.934 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 45 Resp: 345282
Ion Ratio Lower Upper
45 100
43 77.8 65.2 97.8
87 29.5 22.7 34.1
59 11.3 9.2 13.8

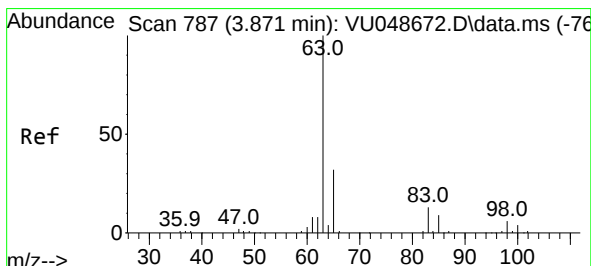
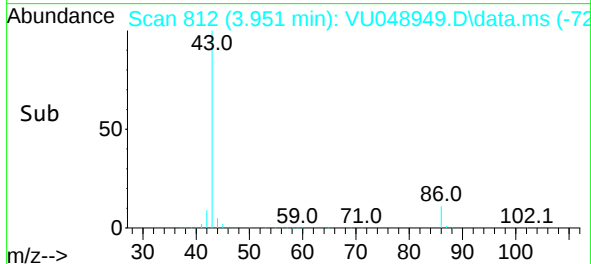
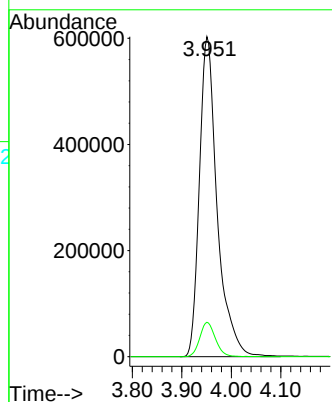
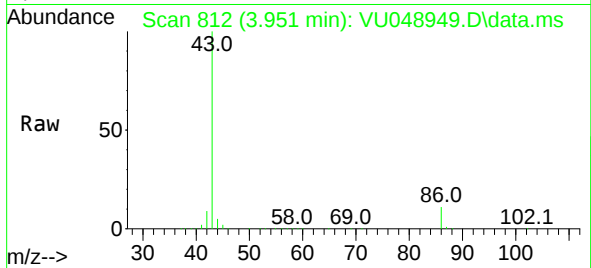




#23
 Vinyl Acetate
 Concen: 317.788 ug/l
 RT: 3.951 min Scan# 813
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

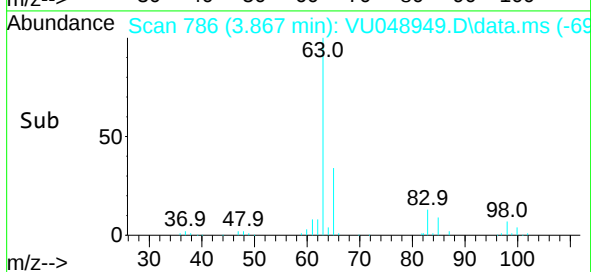
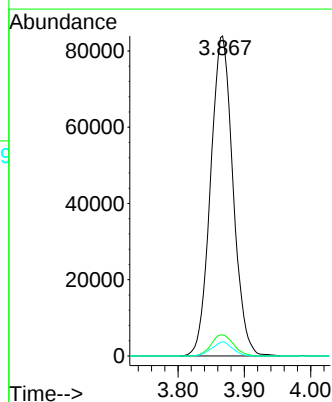
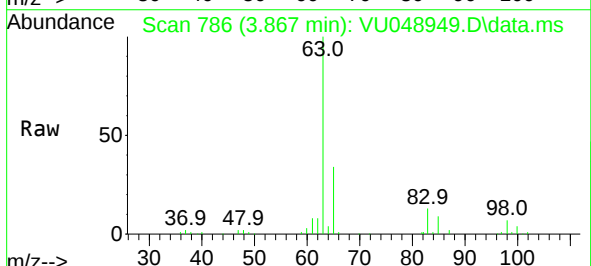
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

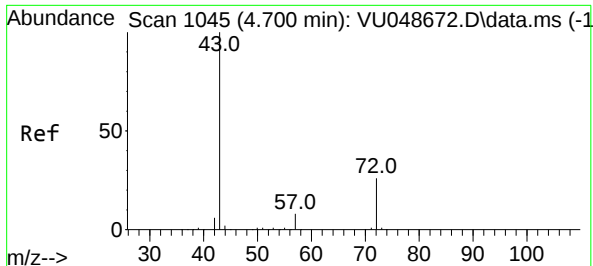
Tgt Ion: 43 Resp: 1510602
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 57.194 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 63 Resp: 197074
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 347.988 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

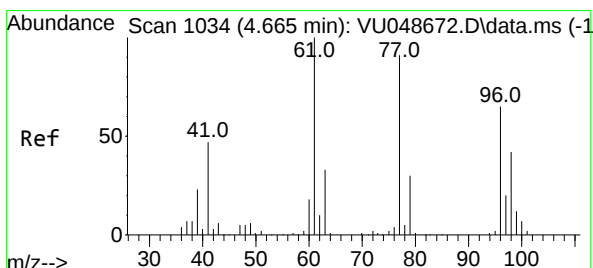
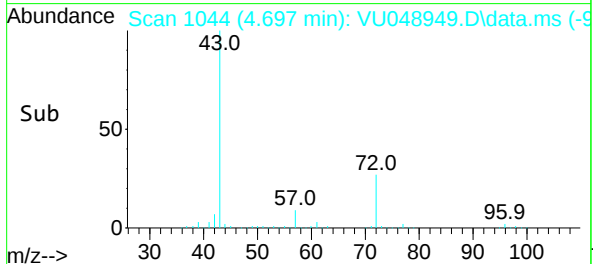
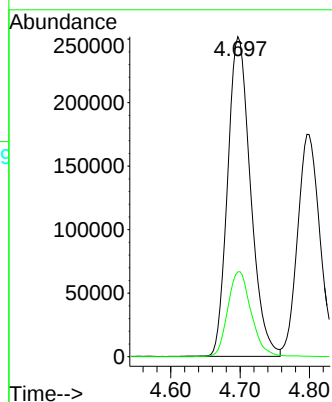
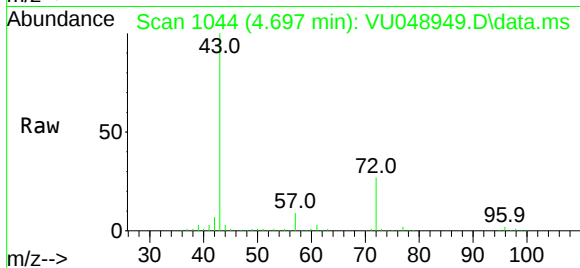
11BR-20220601MSD

Tgt Ion: 43 Resp: 577284

Ion Ratio Lower Upper

43 100

72 26.5 21.1 31.7



#26

2,2-Dichloropropane

Concen: 29.954 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048949.D

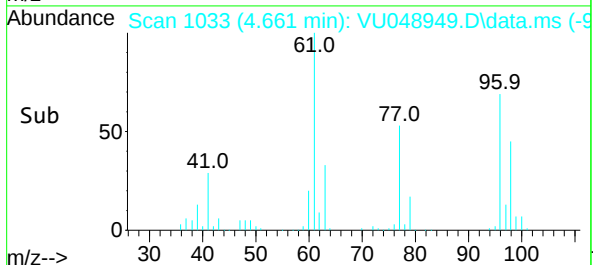
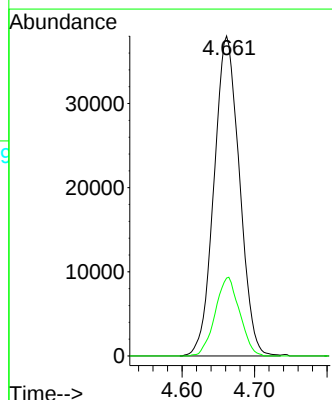
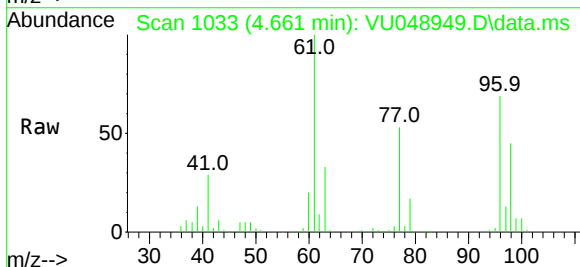
Acq: 08 Jun 2022 07:20

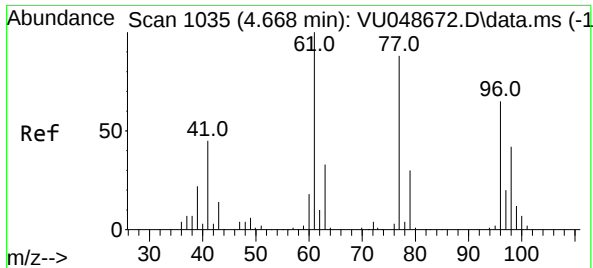
Tgt Ion: 77 Resp: 92597

Ion Ratio Lower Upper

77 100

97 23.6 11.1 33.1

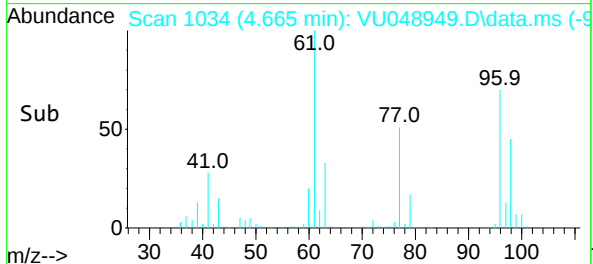
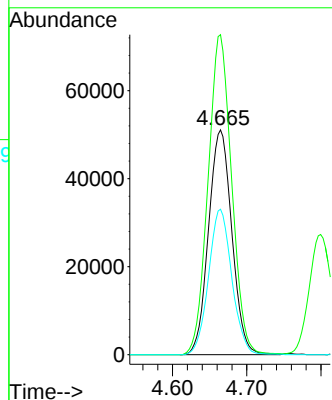
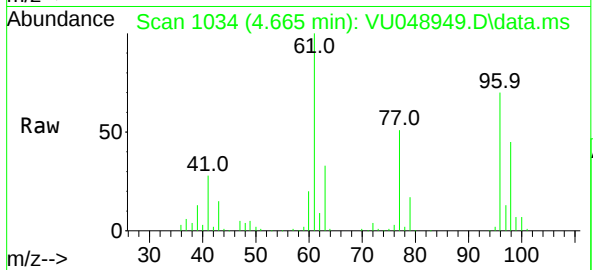




#27
 cis-1,2-Dichloroethene
 Concen: 54.858 ug/l
 RT: 4.665 min Scan# 110
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

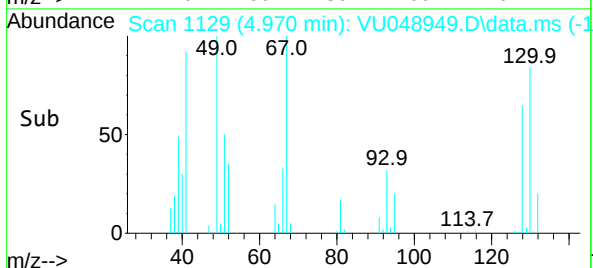
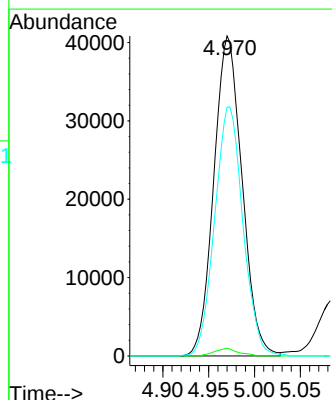
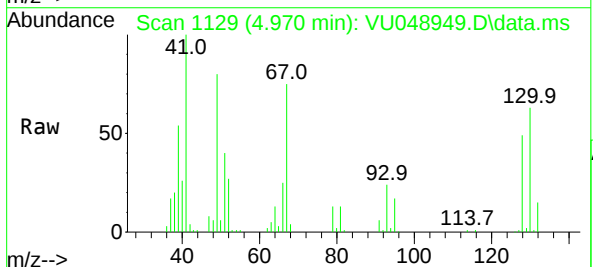
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

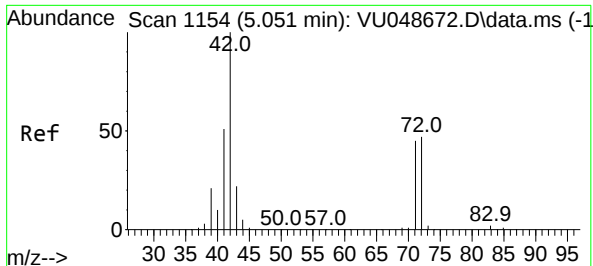
Tgt Ion: 96 Resp: 111538
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 306.2
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 64.647 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 49 Resp: 87374
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 78.0 62.1 93.1





#29

Tetrahydrofuran

Concen: 350.785 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

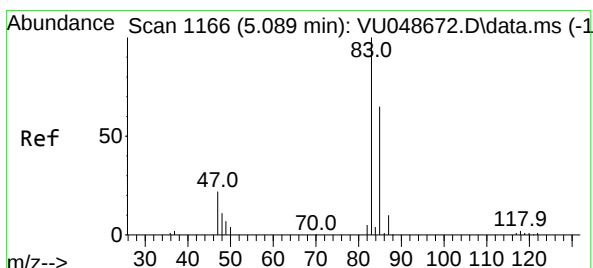
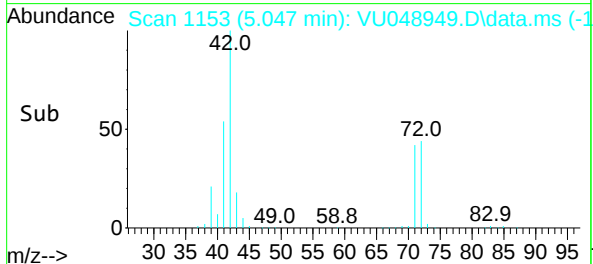
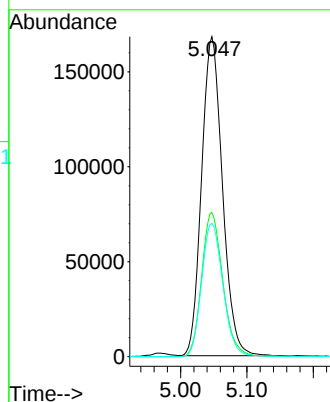
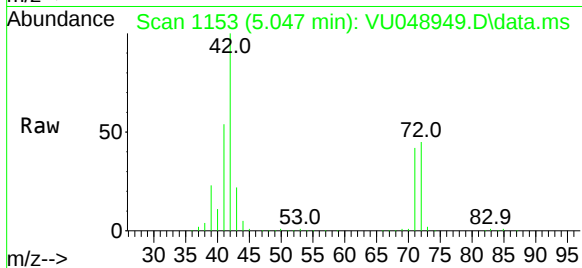
Tgt Ion: 42 Resp: 366549

Ion Ratio Lower Upper

42 100

72 46.1 37.6 56.4

71 42.9 35.0 52.4



#30

Chloroform

Concen: 59.249 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048949.D

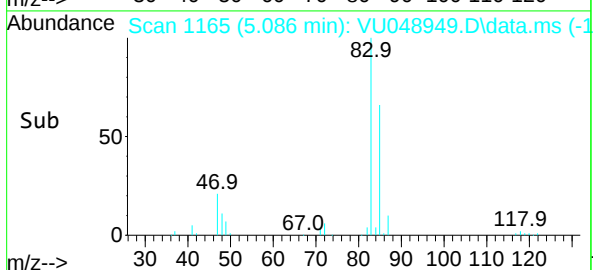
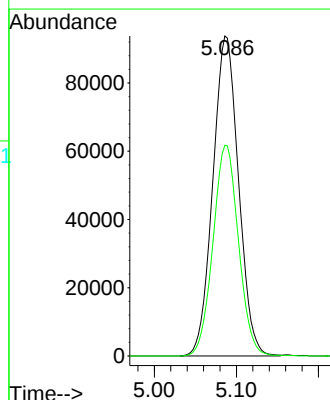
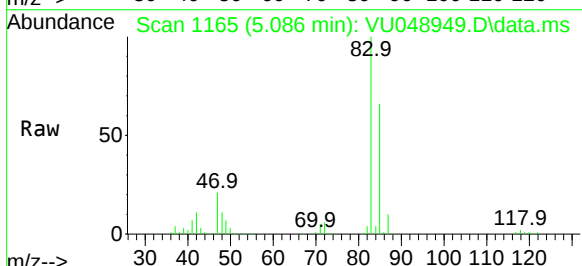
Acq: 08 Jun 2022 07:20

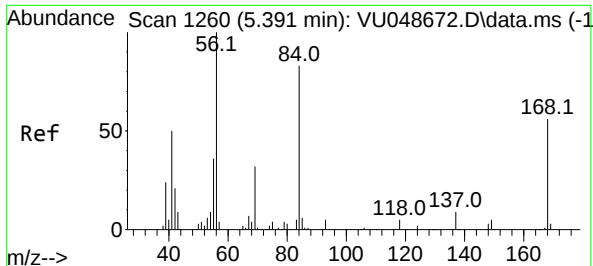
Tgt Ion: 83 Resp: 204277

Ion Ratio Lower Upper

83 100

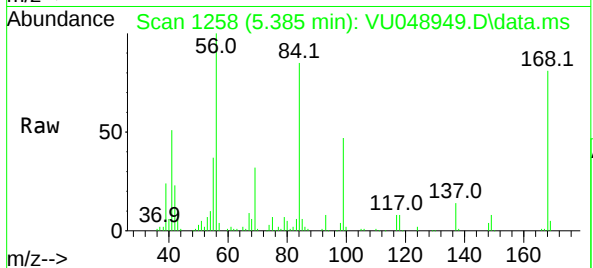
85 65.9 52.2 78.2



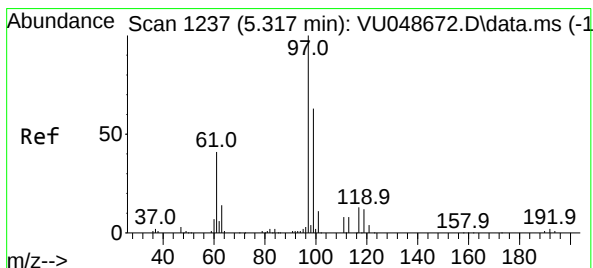
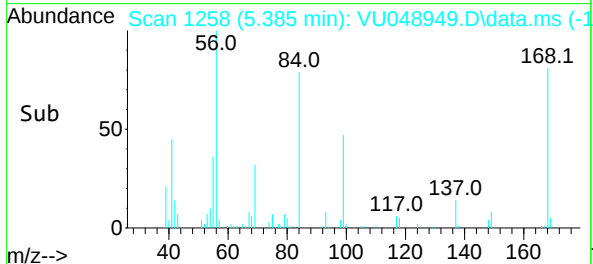
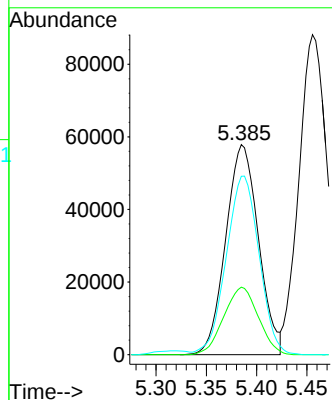


#31
Cyclohexane
Concen: 45.916 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

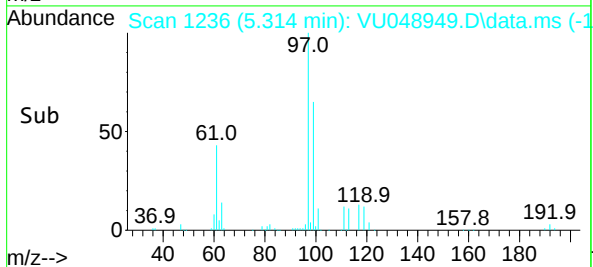
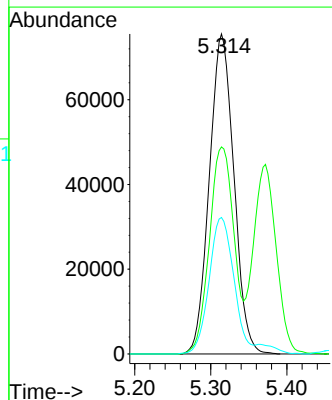
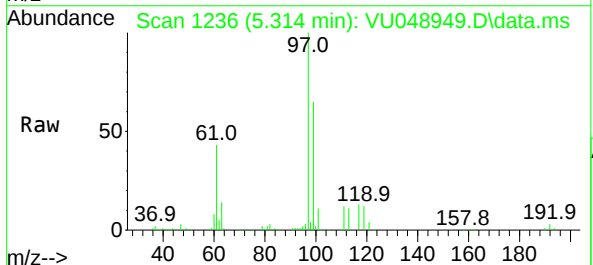


Tgt Ion: 56 Resp: 131116
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 83.1 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 54.156 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 97 Resp: 169398
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 42.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 59.930 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

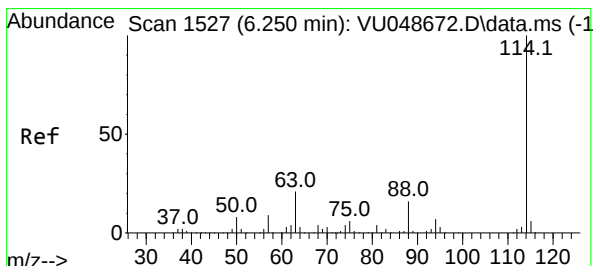
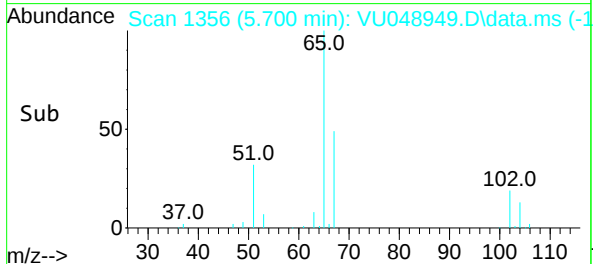
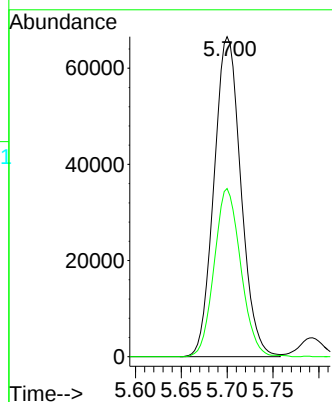
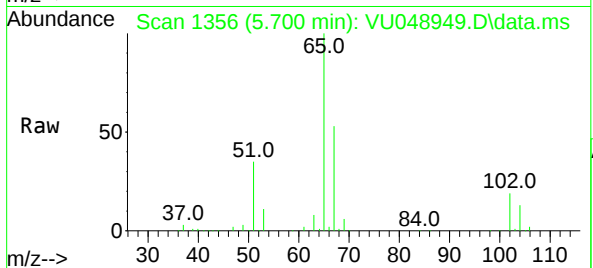
11BR-20220601MSD

Tgt Ion: 65 Resp: 135795

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.004 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

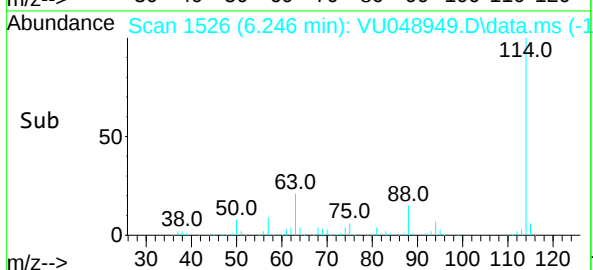
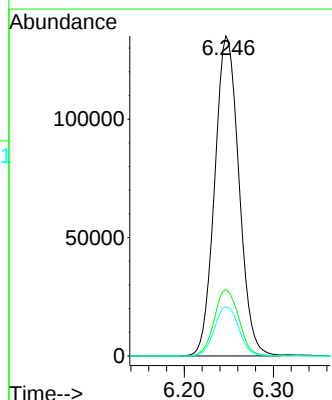
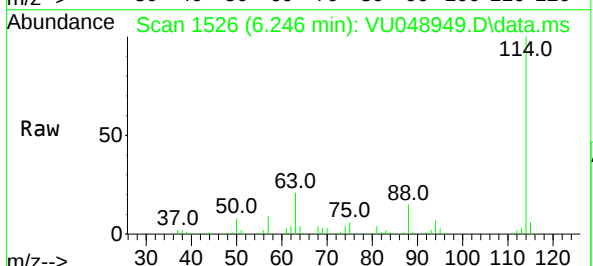
Tgt Ion: 114 Resp: 255737

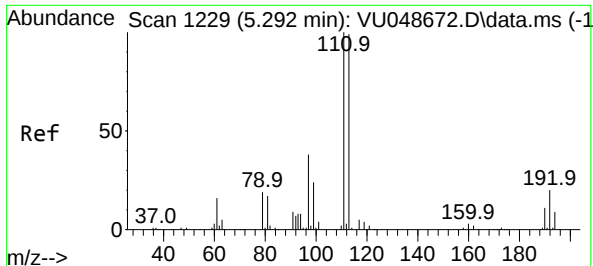
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

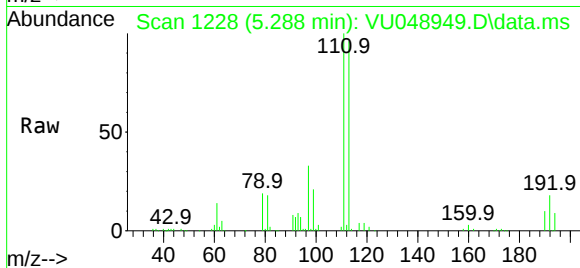
88 15.3 0.0 32.2



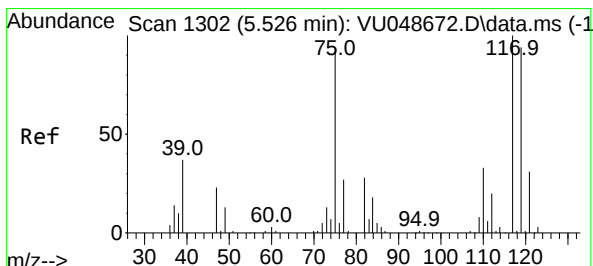
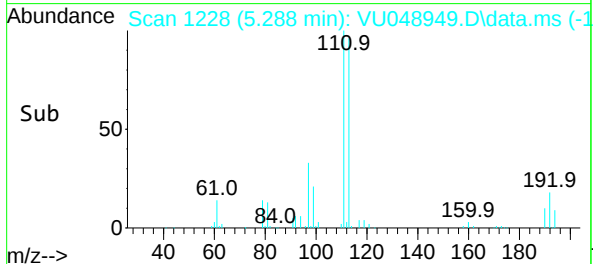
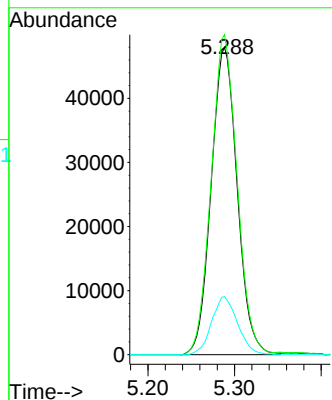


#35
 Dibromofluoromethane
 Concen: 54.832 ug/l
 RT: 5.288 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

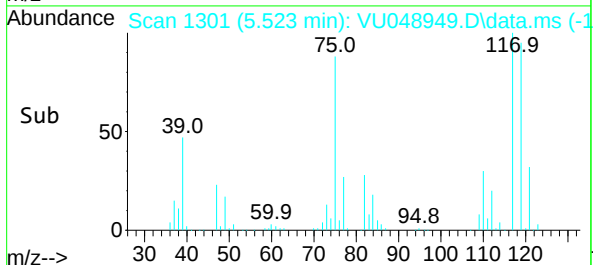
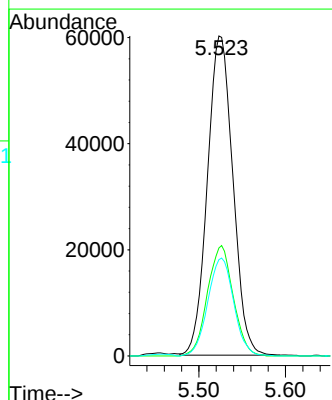
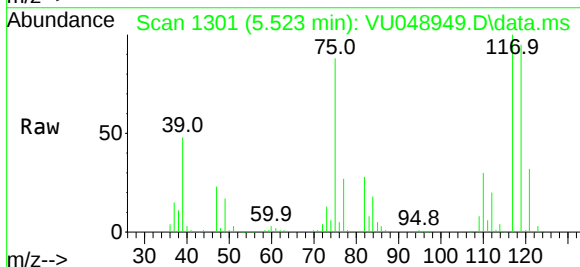


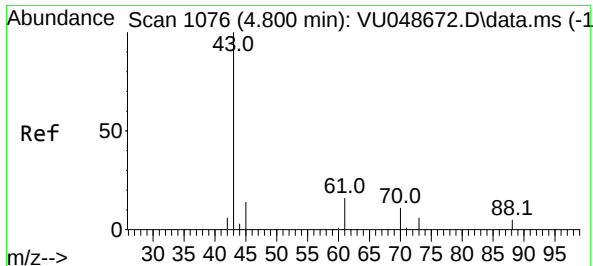
Tgt Ion:113 Resp: 100041
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.7 121.1
 192 18.8 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 46.152 ug/l
 RT: 5.523 min Scan# 1301
 Delta R.T. -0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 75 Resp: 122894
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.3
 77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 117.163 ug/l

RT: 4.796 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

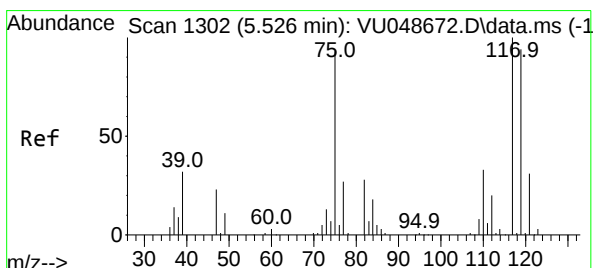
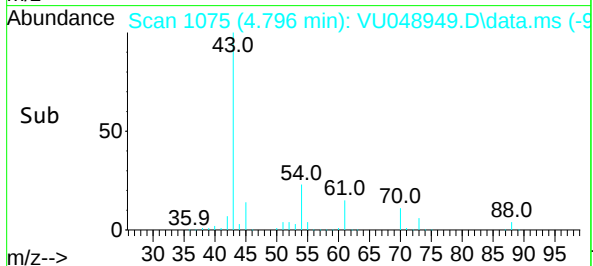
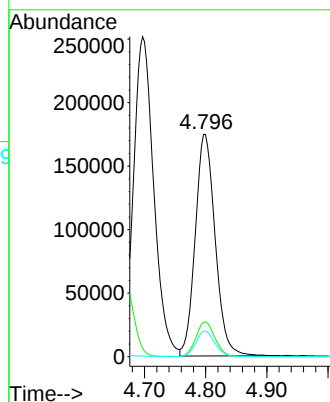
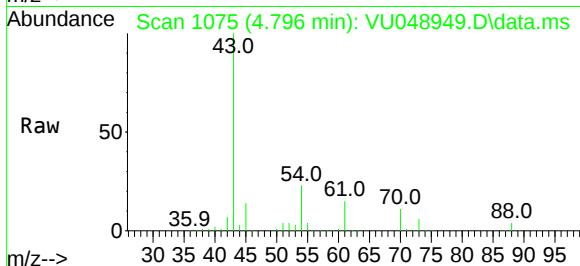
Tgt Ion: 43 Resp: 394403

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 11.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 48.610 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

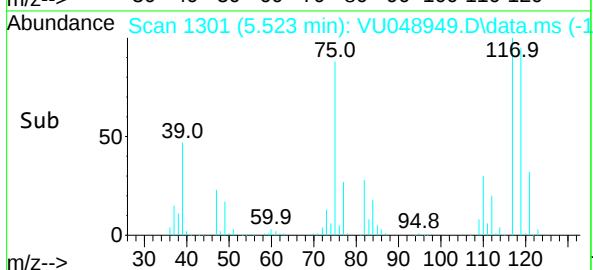
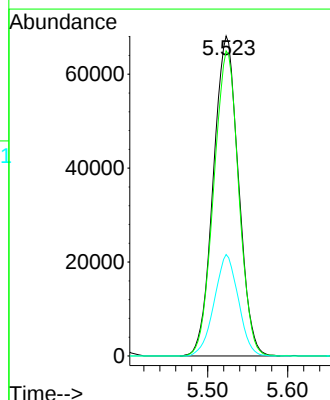
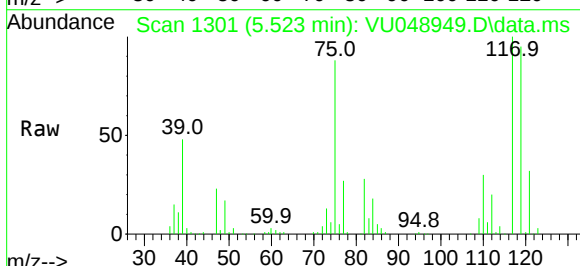
Tgt Ion: 117 Resp: 148500

Ion Ratio Lower Upper

117 100

119 95.4 75.4 113.2

121 31.7 24.6 36.8





#39

Methylcyclohexane

Concen: 42.673 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

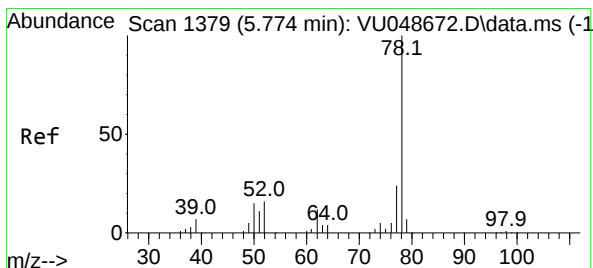
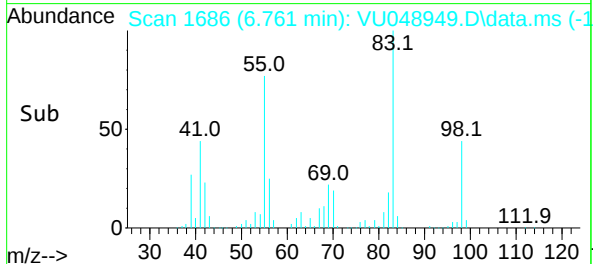
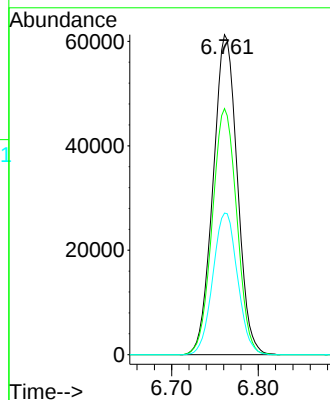
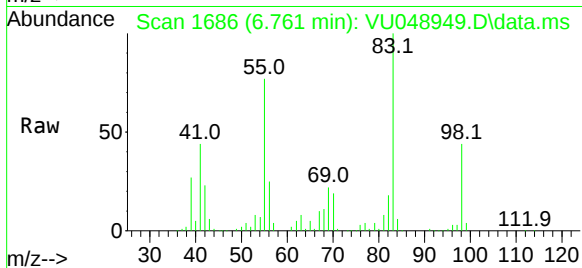
Tgt Ion: 83 Resp: 119145

Ion Ratio Lower Upper

83 100

55 76.9 61.0 91.6

98 44.3 36.8 55.2



#40

Benzene

Concen: 51.486 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048949.D

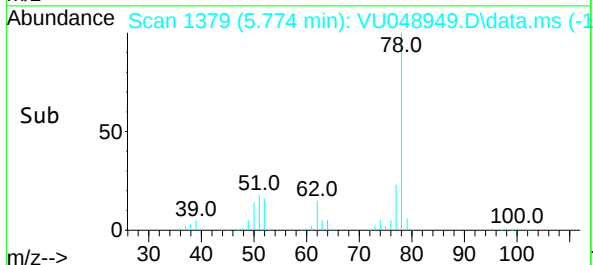
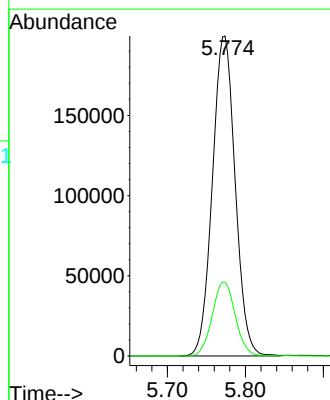
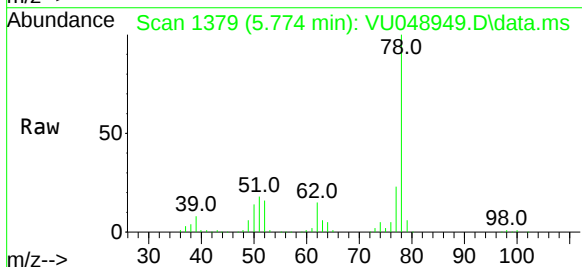
Acq: 08 Jun 2022 07:20

Tgt Ion: 78 Resp: 404750

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



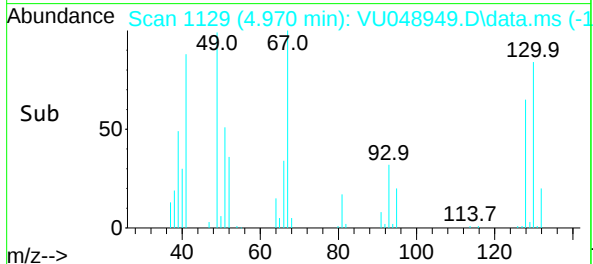
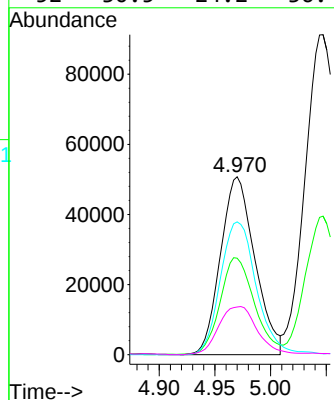
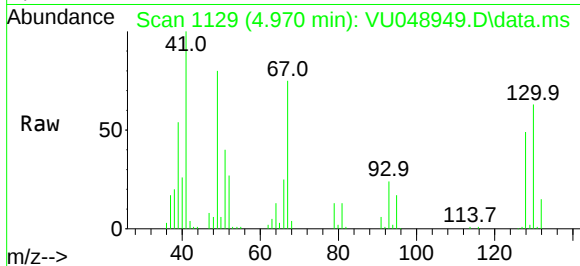


#41
Methacrylonitrile
Concen: 64.141 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

Tgt Ion: 41 Resp: 109110

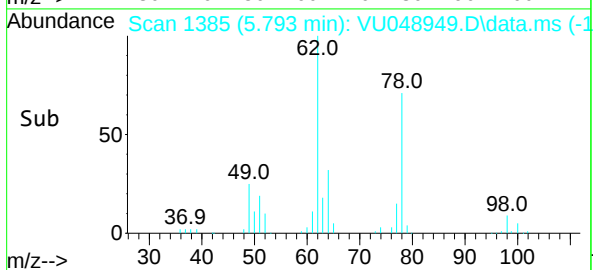
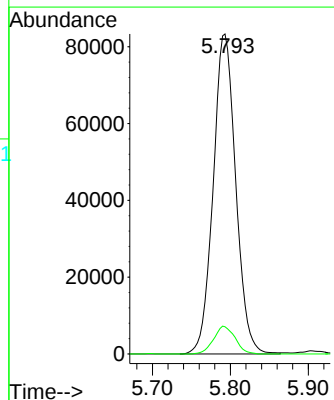
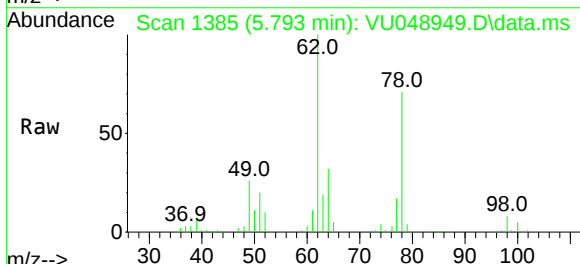
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.6	64.0
67	78.4	61.0	91.4
52	30.5	24.2	36.4

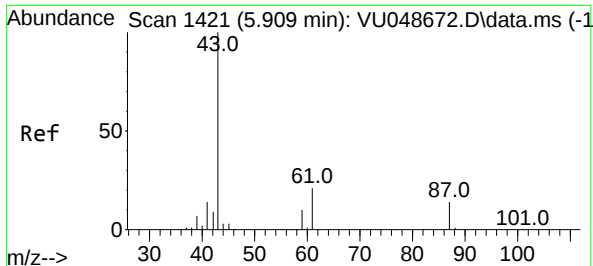


#42
1,2-Dichloroethane
Concen: 54.488 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 62 Resp: 167679

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0

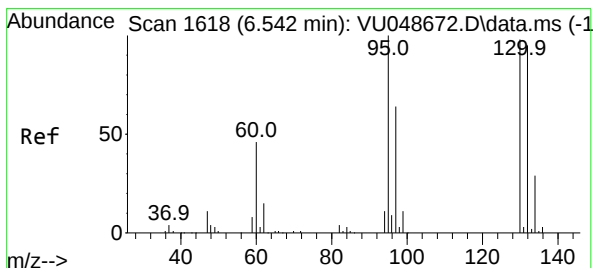
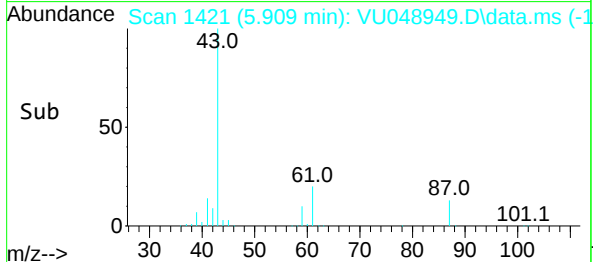
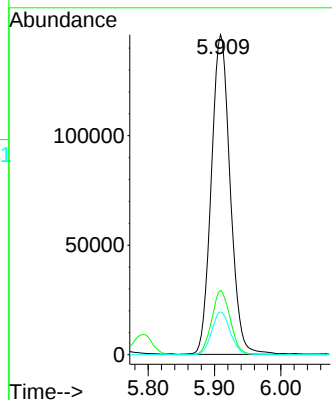
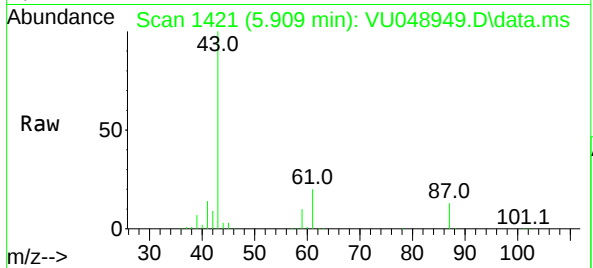




#43
Isopropyl Acetate
Concen: 59.006 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

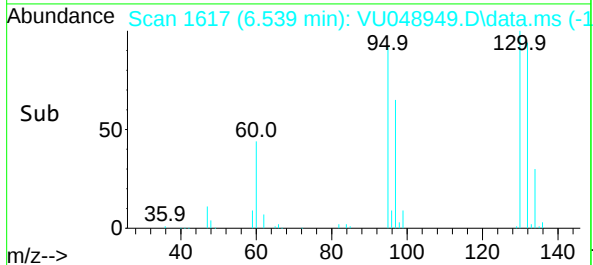
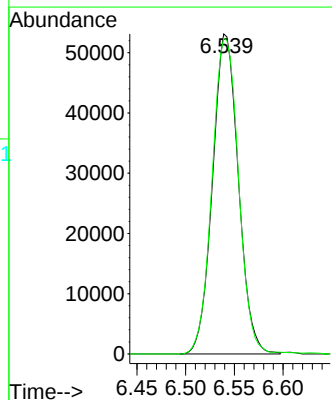
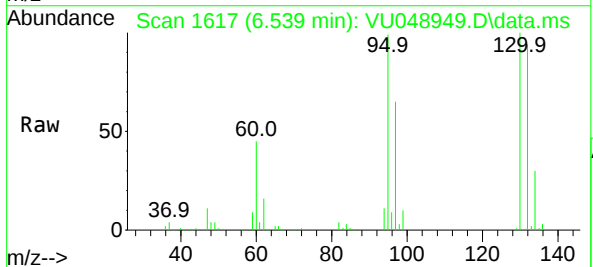
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

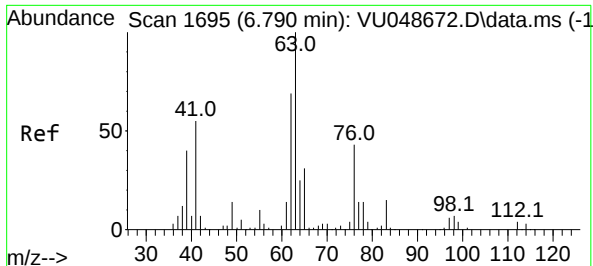
Tgt Ion: 43 Resp: 288295
Ion Ratio Lower Upper
43 100
61 19.9 16.7 25.1
87 13.2 10.9 16.3



#44
Trichloroethene
Concen: 48.274 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:130 Resp: 97771
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 59.180 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

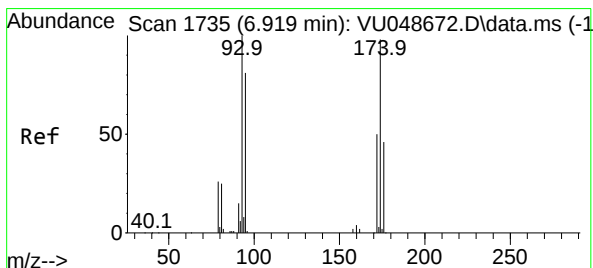
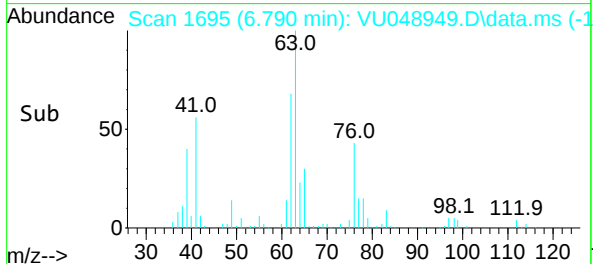
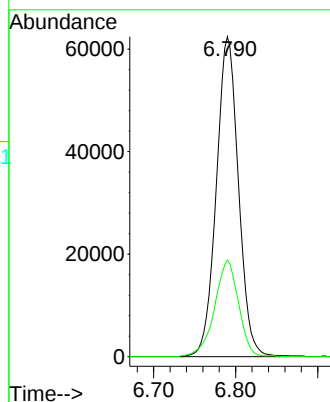
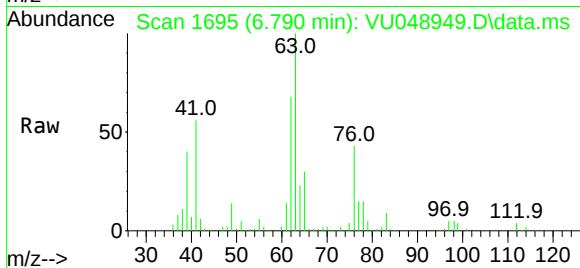
11BR-20220601MSD

Tgt Ion: 63 Resp: 117124

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



#46

Dibromomethane

Concen: 55.847 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

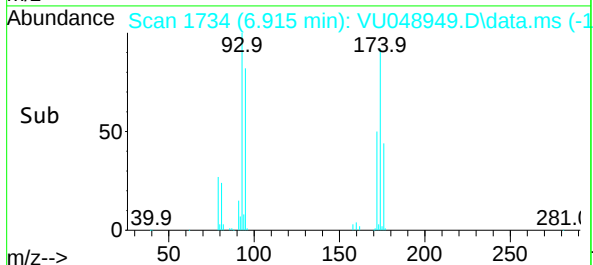
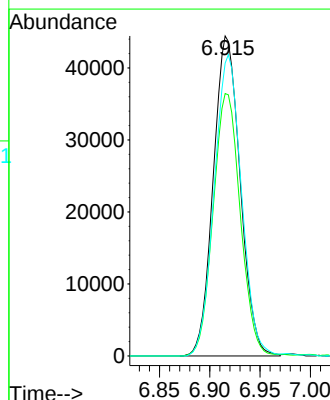
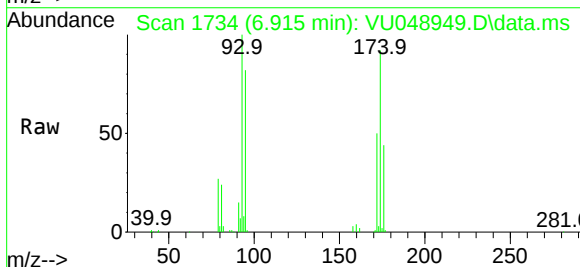
Tgt Ion: 93 Resp: 82576

Ion Ratio Lower Upper

93 100

95 82.9 65.1 97.7

174 95.1 77.8 116.6

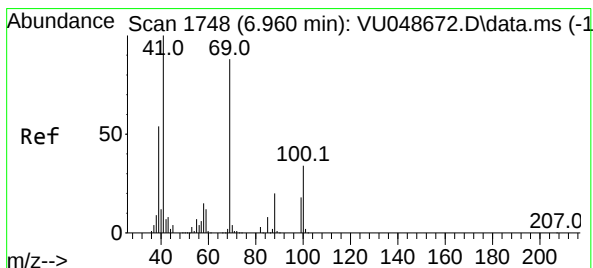
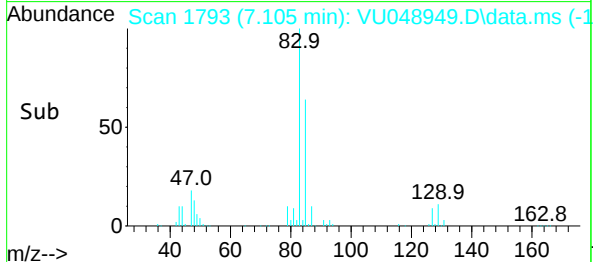
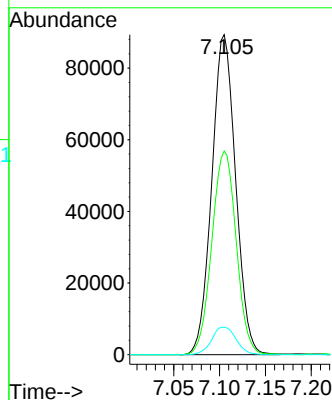
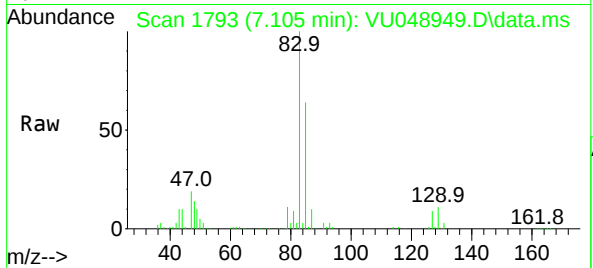




#47
Bromodichloromethane
Concen: 54.085 ug/l
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

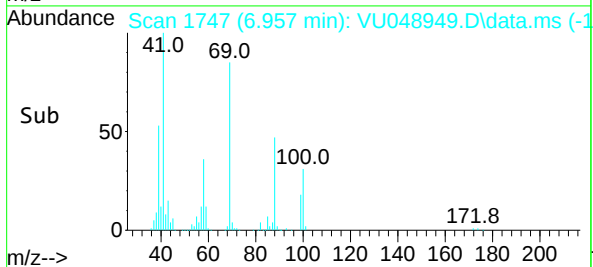
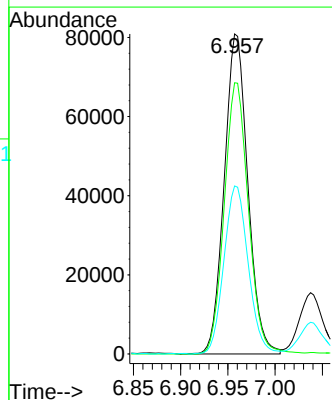
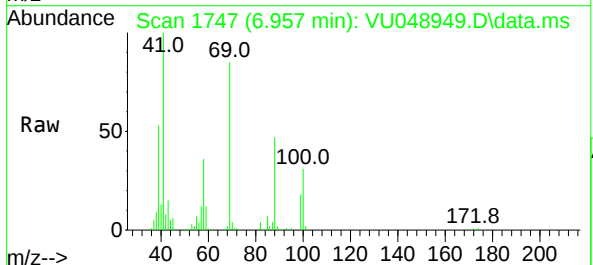
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

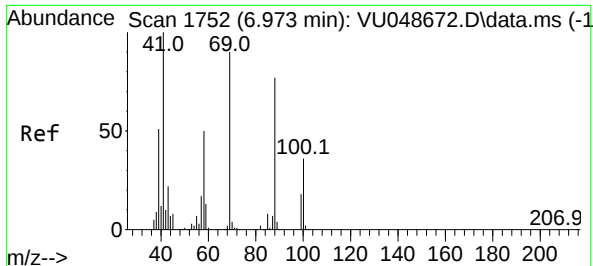
Tgt Ion: 83 Resp: 161723
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.5 6.9 10.3



#48
Methyl methacrylate
Concen: 64.094 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 41 Resp: 140581
Ion Ratio Lower Upper
41 100
69 86.8 70.7 106.1
39 54.0 43.4 65.2





#49

1,4-Dioxane

Concen: 1766.504 ug/l

RT: 6.963 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048949.D

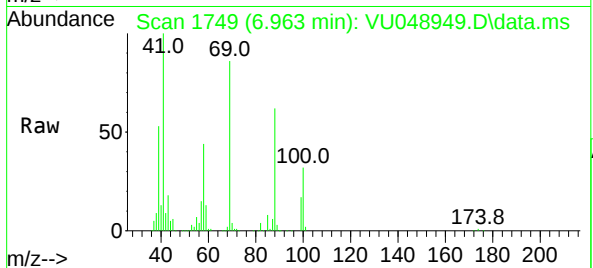
Acq: 08 Jun 2022 07:20

Instrument :

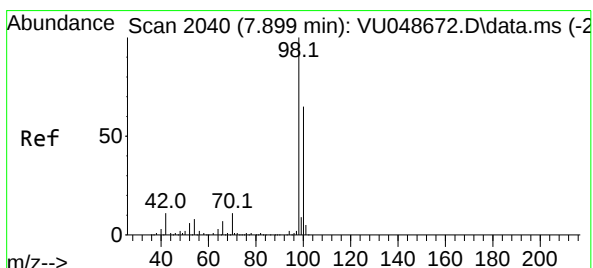
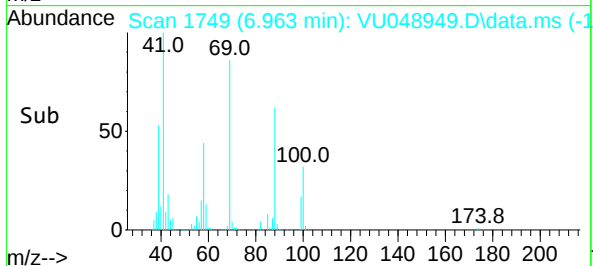
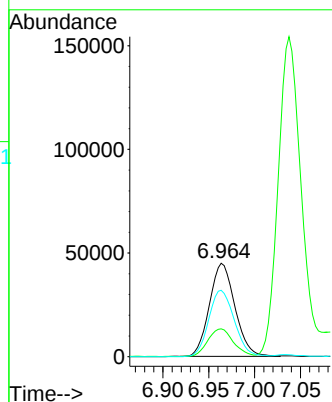
MSVOA_U

ClientSampleId :

11BR-20220601MSD



Tgt Ion:	88	Resp:	86614
Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.6	36.8
58	71.8	54.7	82.1



#50

Toluene-d8

Concen: 49.612 ug/l

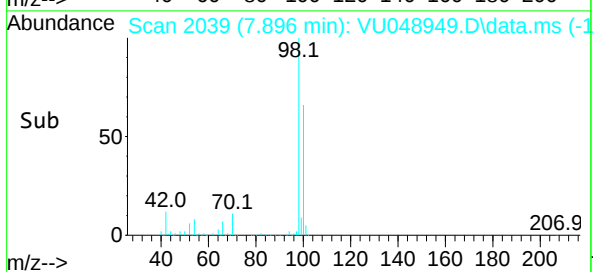
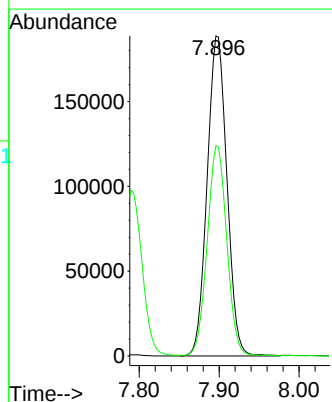
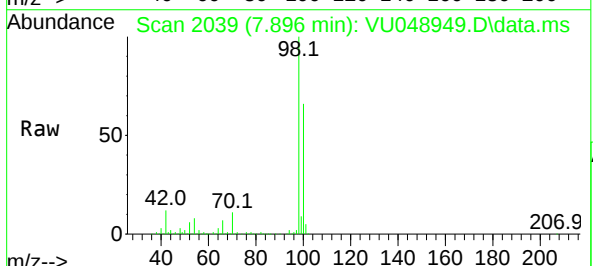
RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Tgt Ion:	98	Resp:	324468
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

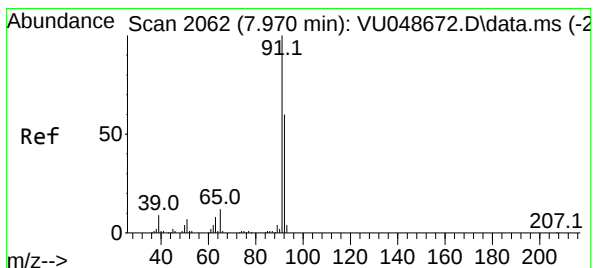
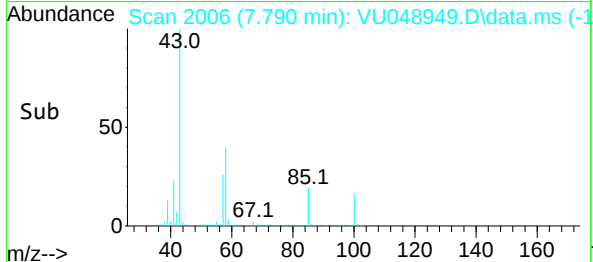
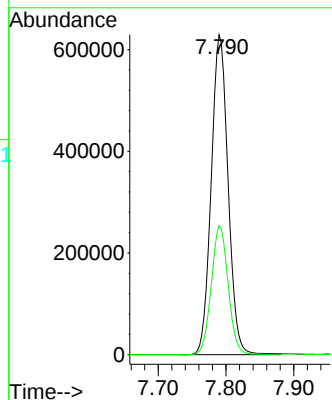
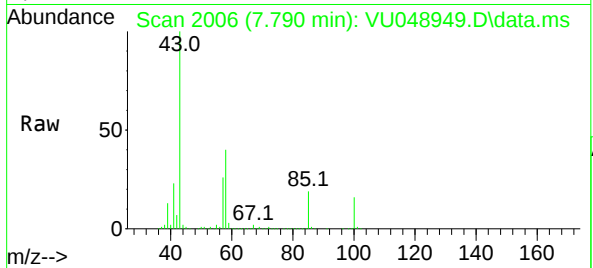




#51
4-Methyl-2-Pentanone
Concen: 343.349 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

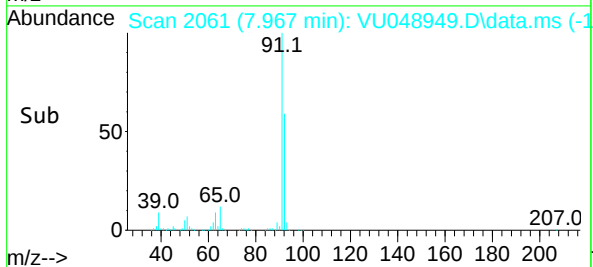
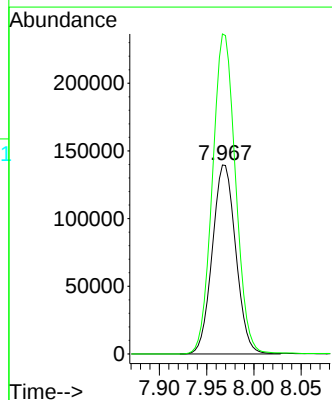
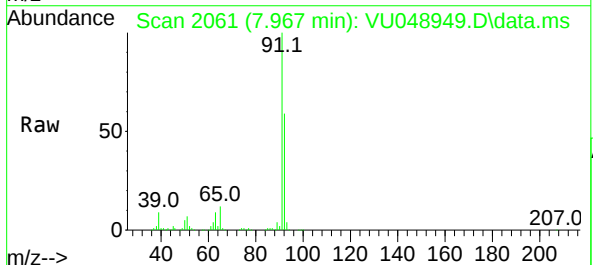
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

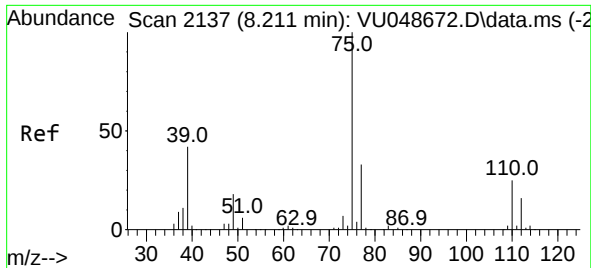
Tgt Ion: 43 Resp: 1089271
Ion Ratio Lower Upper
43 100
58 40.3 32.7 49.1



#52
Toluene
Concen: 51.167 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 92 Resp: 240600
Ion Ratio Lower Upper
92 100
91 167.6 135.0 202.4

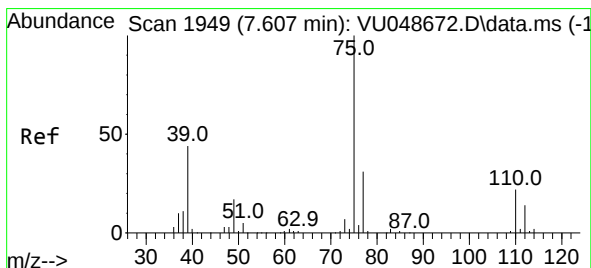
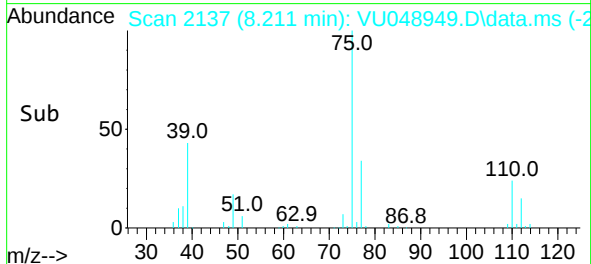
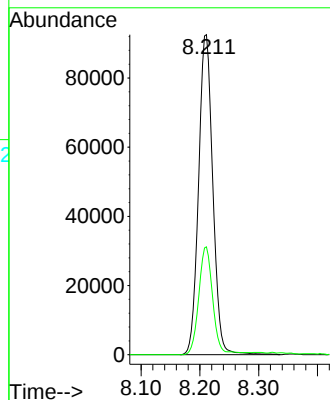
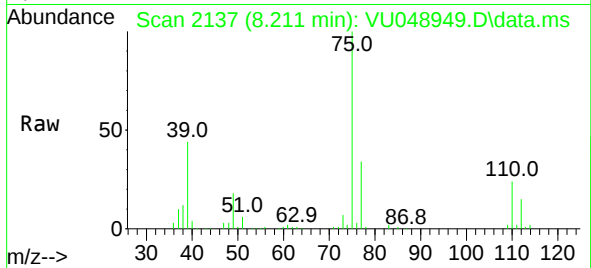




#53
 t-1,3-Dichloropropene
 Concen: 48.193 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

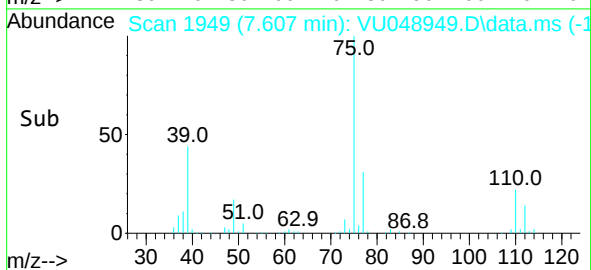
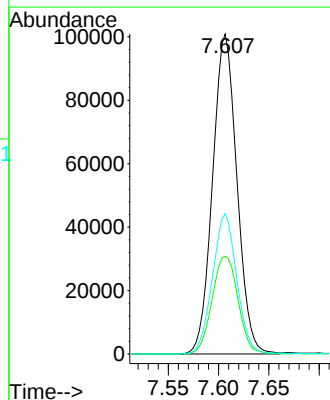
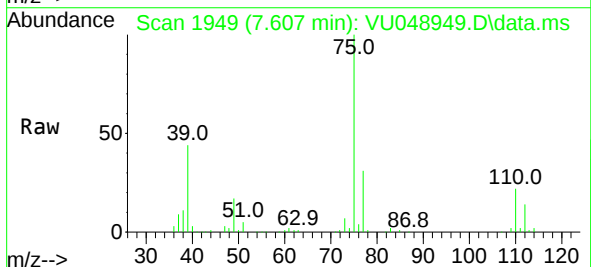
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

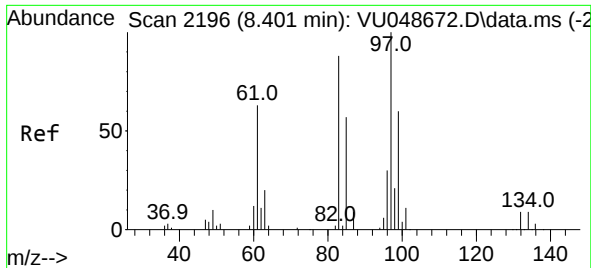
Tgt Ion: 75 Resp: 155450
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.795 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 75 Resp: 169780
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.9 37.3
 39 43.9 35.2 52.8

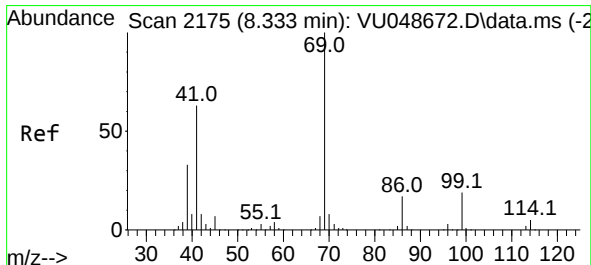
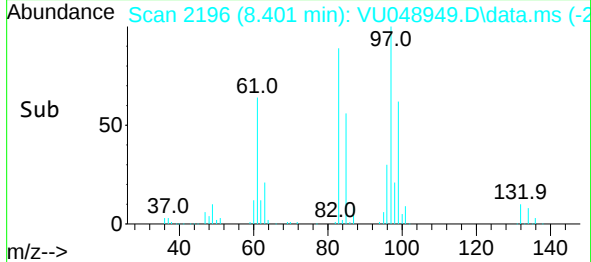
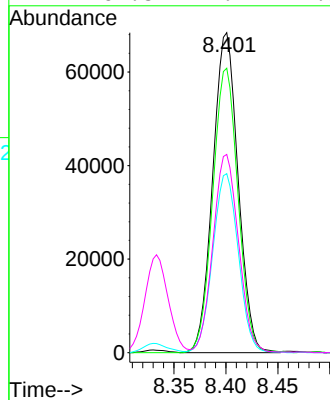
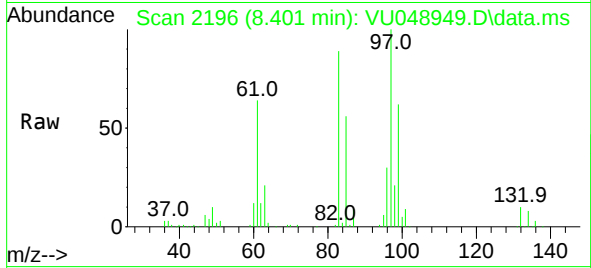




#55
1,1,2-Trichloroethane
Concen: 55.953 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

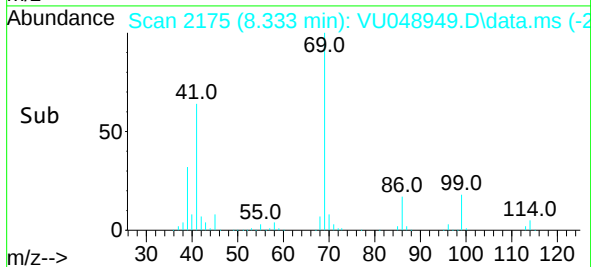
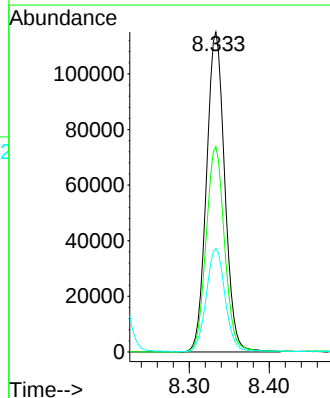
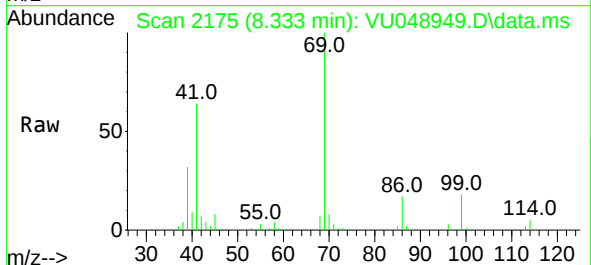
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

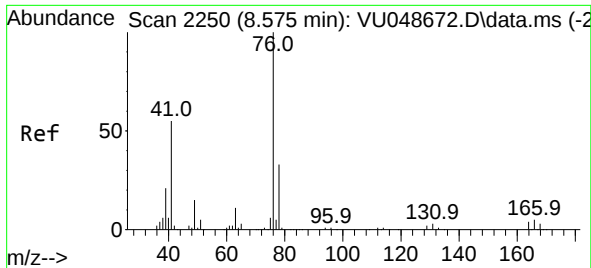
Tgt Ion:	97	Resp:	116118
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.2	105.4
85	55.8	45.6	68.4
99	61.8	49.7	74.5



#56
Ethyl methacrylate
Concen: 55.389 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:	69	Resp:	182618
Ion	Ratio	Lower	Upper
69	100		
41	65.2	50.6	76.0
39	33.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 57.652 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

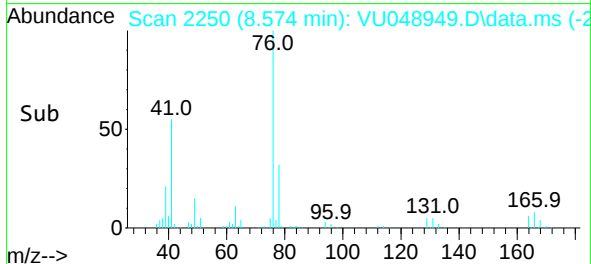
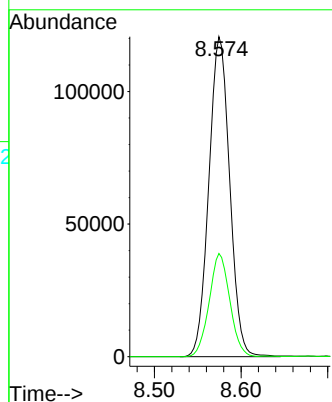
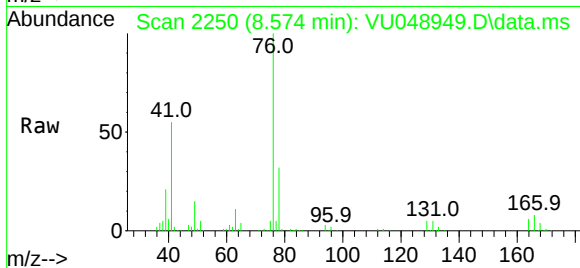
11BR-20220601MSD

Tgt Ion: 76 Resp: 201369

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 154.376 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048949.D

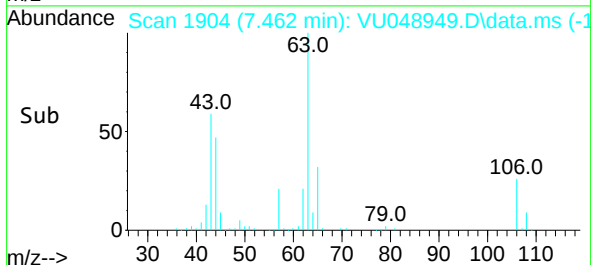
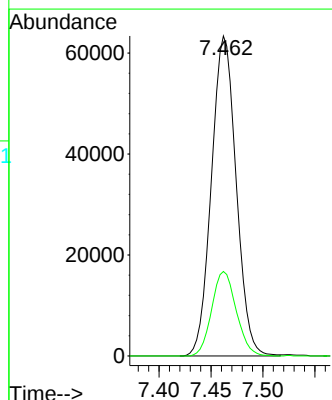
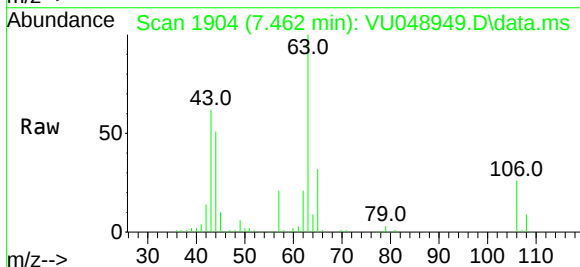
Acq: 08 Jun 2022 07:20

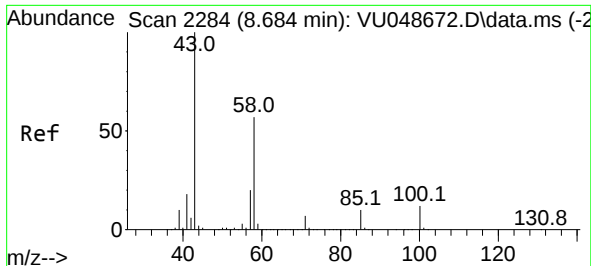
Tgt Ion: 63 Resp: 104889

Ion Ratio Lower Upper

63 100

106 26.2 22.2 33.2





#59

2-Hexanone

Concen: 356.927 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

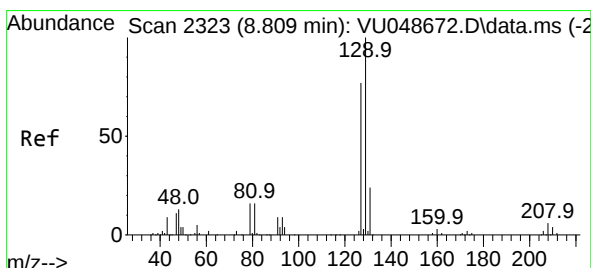
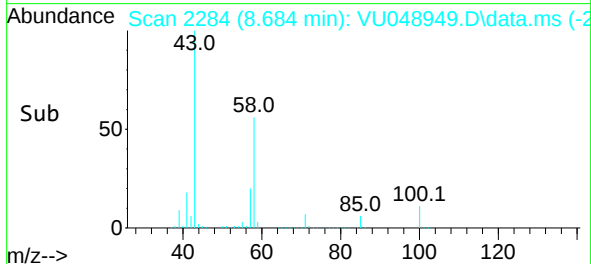
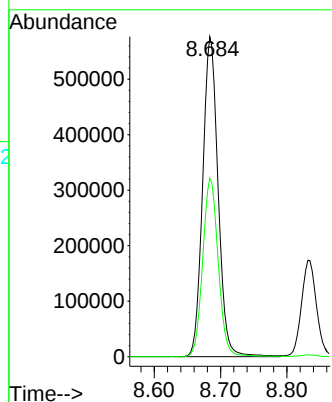
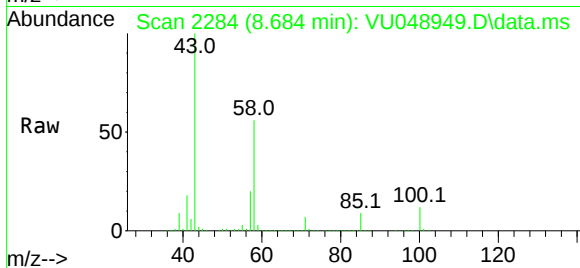
11BR-20220601MSD

Tgt Ion: 43 Resp: 929625

Ion Ratio Lower Upper

43 100

58 56.3 28.2 84.6



#60

Dibromochloromethane

Concen: 56.351 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU048949.D

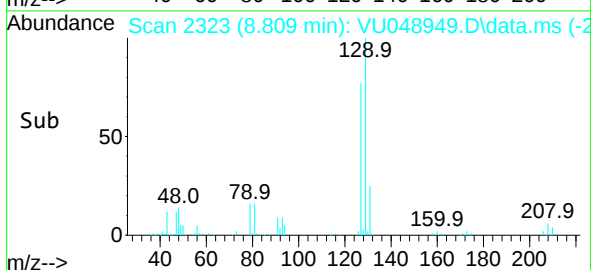
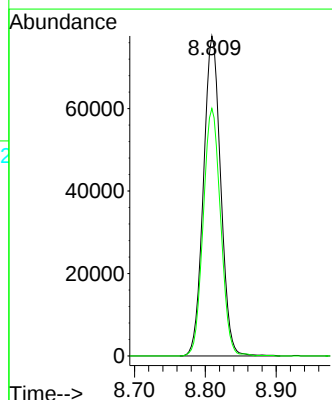
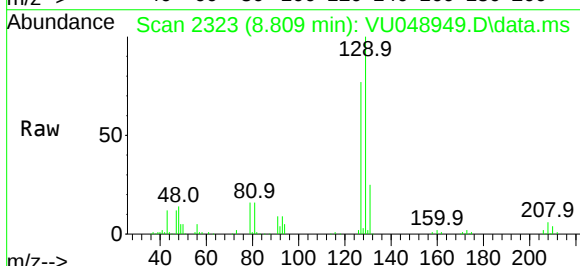
Acq: 08 Jun 2022 07:20

Tgt Ion:129 Resp: 131088

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.3

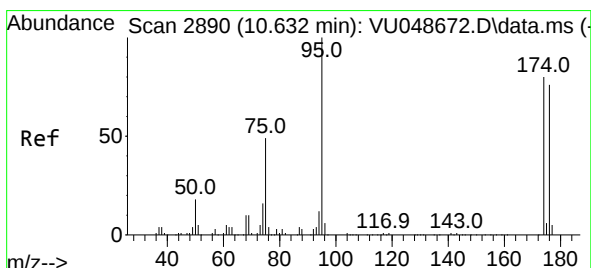
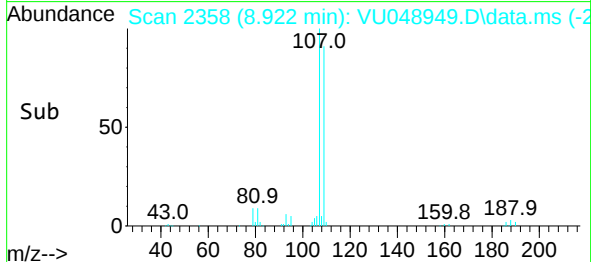
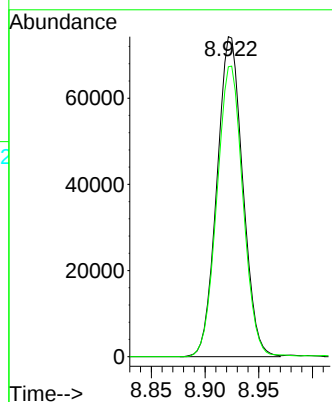
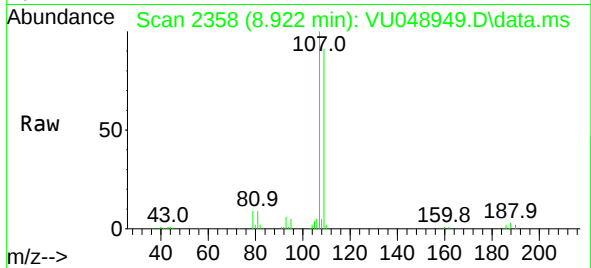




#61
1,2-Dibromoethane
Concen: 54.335 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

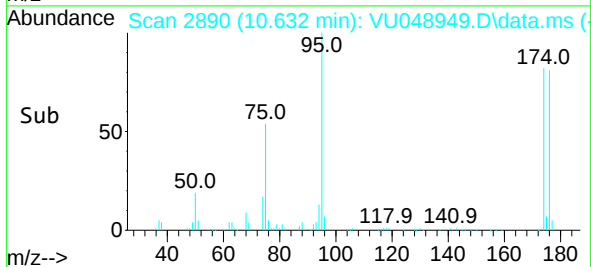
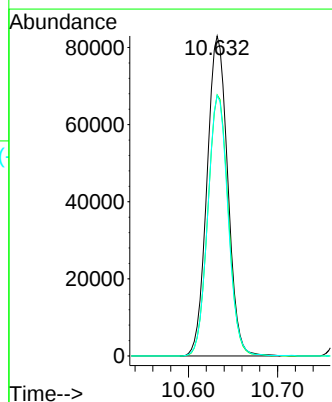
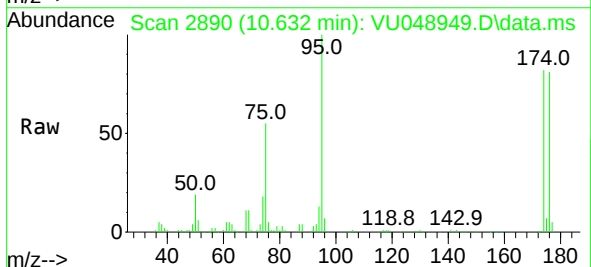
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

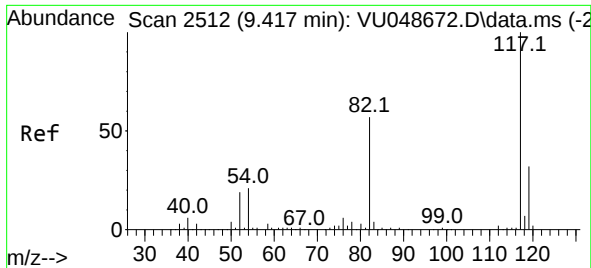
Tgt Ion:107 Resp: 124183
Ion Ratio Lower Upper
107 100
109 91.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 54.151 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 95 Resp: 133937
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.4
176 79.7 0.0 152.4

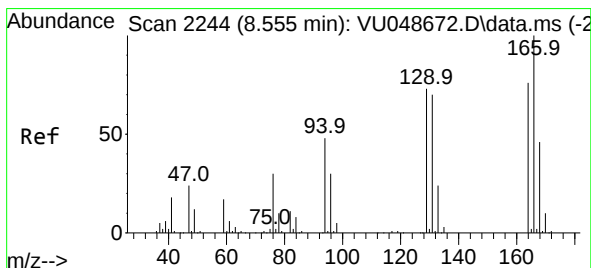
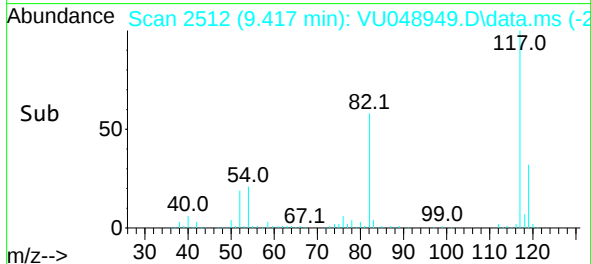
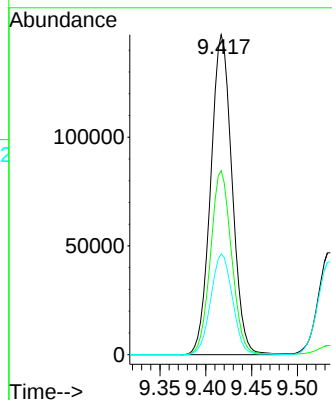
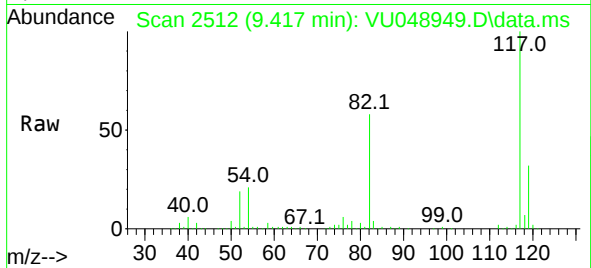




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

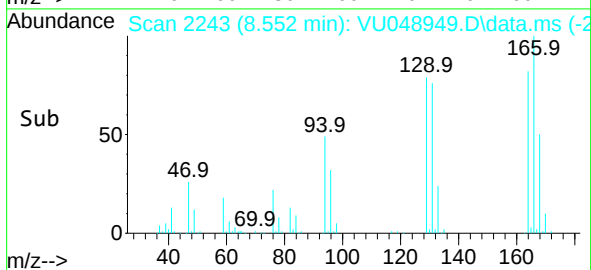
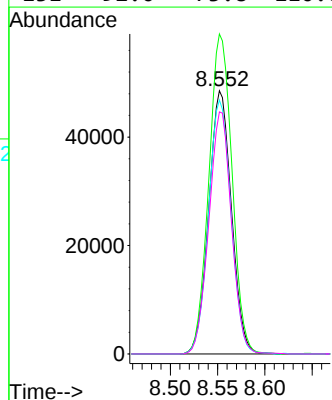
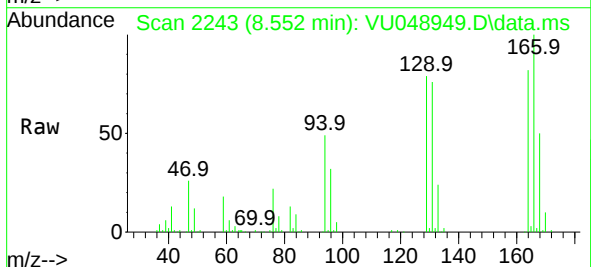
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

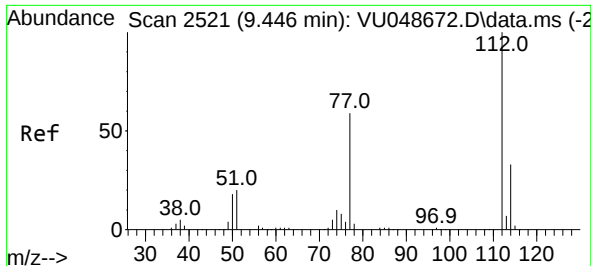
Tgt Ion:117 Resp: 238423
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 49.077 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:164 Resp: 81286
Ion Ratio Lower Upper
164 100
166 121.6 105.0 157.4
129 96.5 76.5 114.7
131 92.0 73.8 110.6

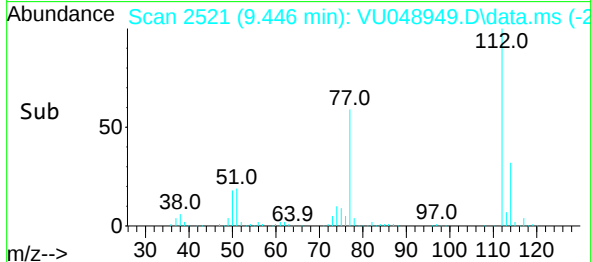
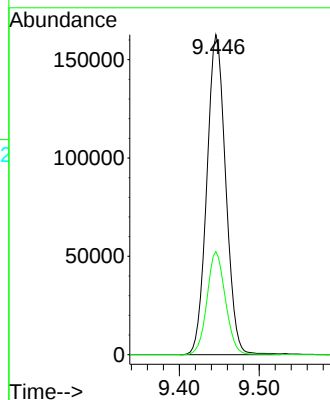
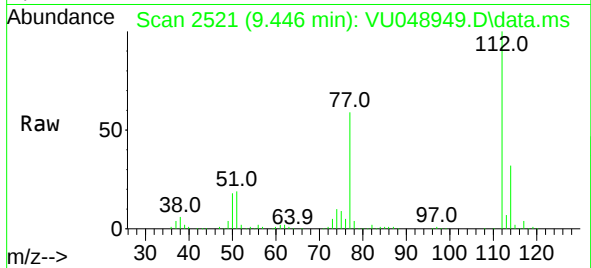




#65
Chlorobenzene
Concen: 53.068 ug/l
RT: 9.446 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

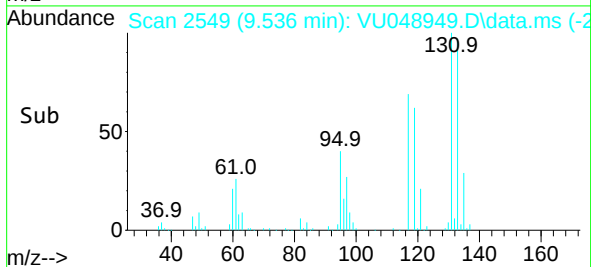
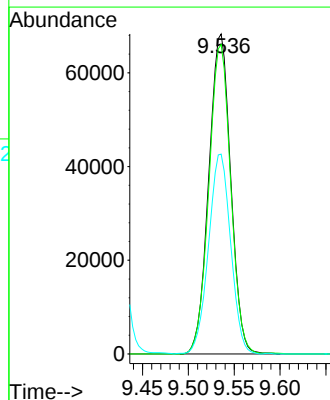
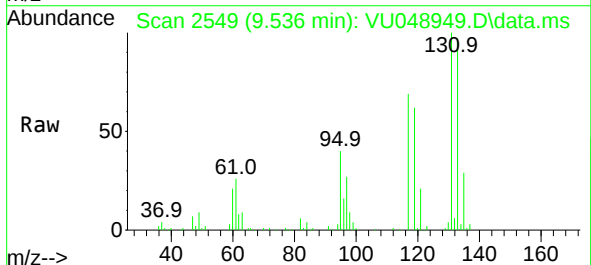
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

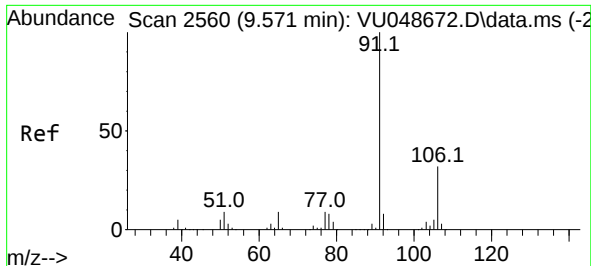
Tgt Ion:112 Resp: 267606
Ion Ratio Lower Upper
112 100
114 32.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.413 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:131 Resp: 113721
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 63.0 32.7 98.1





#67

Ethyl Benzene

Concen: 53.310 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

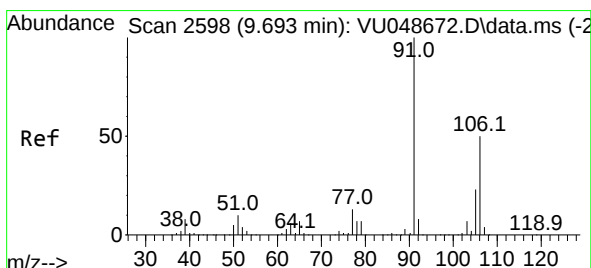
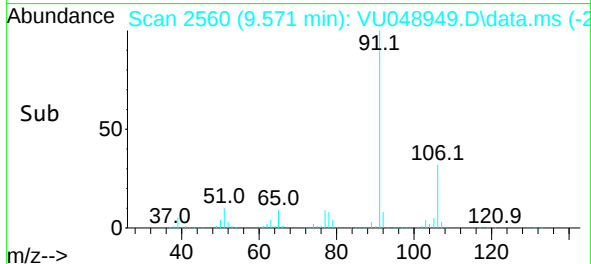
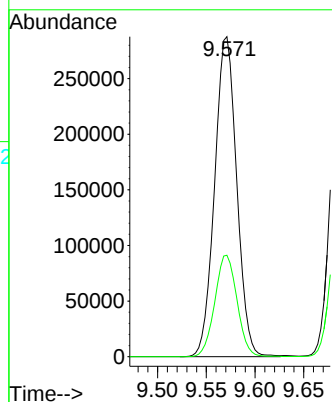
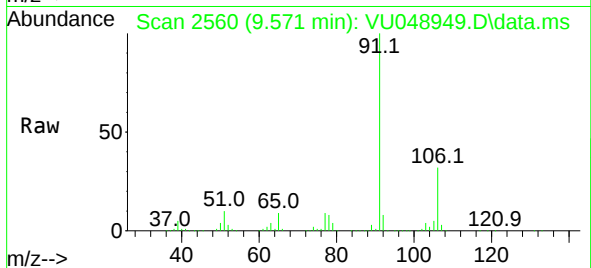
11BR-20220601MSD

Tgt Ion: 91 Resp: 453404

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.2



#68

m/p-Xylenes

Concen: 107.144 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048949.D

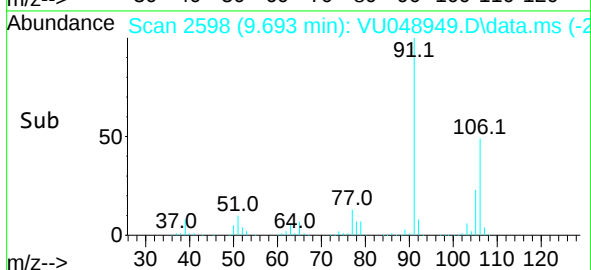
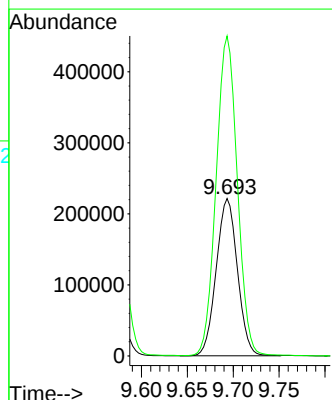
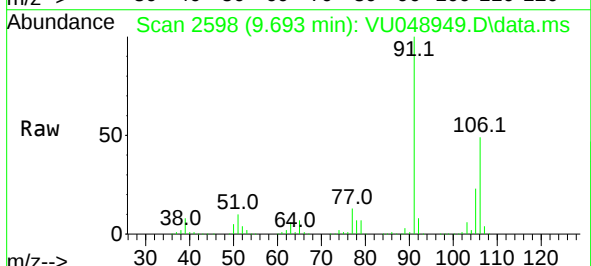
Acq: 08 Jun 2022 07:20

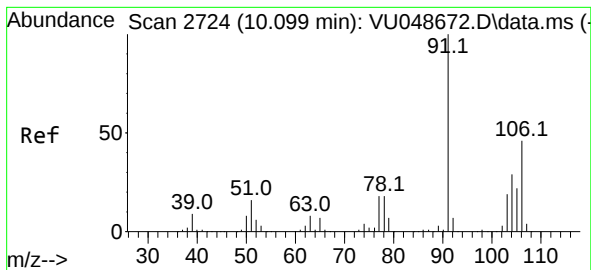
Tgt Ion: 106 Resp: 356404

Ion Ratio Lower Upper

106 100

91 203.6 162.4 243.6





#69

o-Xylene

Concen: 55.997 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

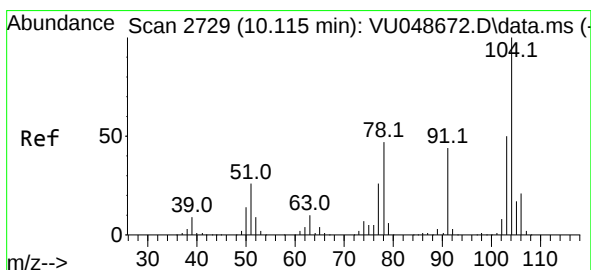
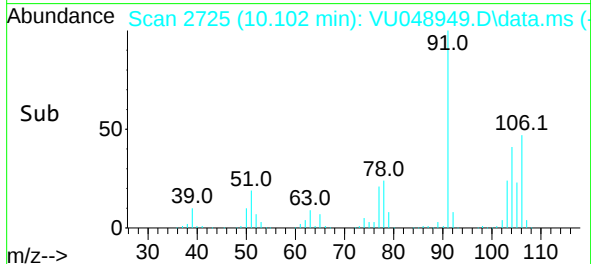
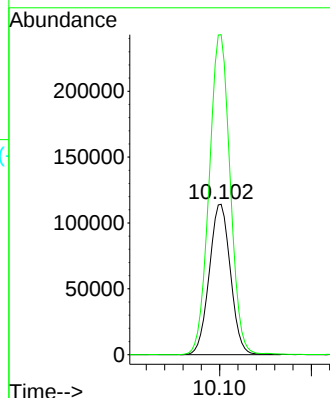
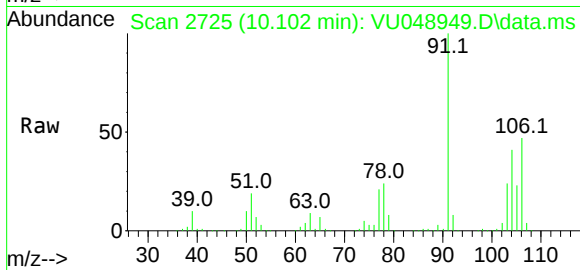
11BR-20220601MSD

Tgt Ion:106 Resp: 183000

Ion Ratio Lower Upper

106 100

91 211.8 107.7 323.3



#70

Styrene

Concen: 58.815 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.001 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

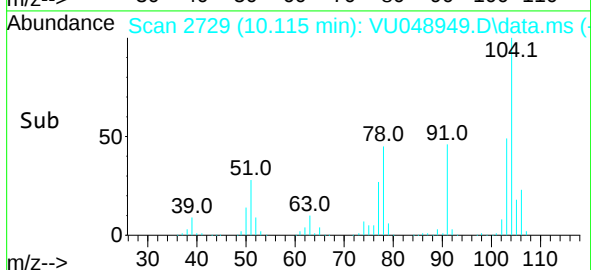
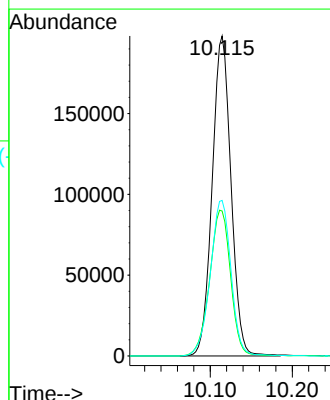
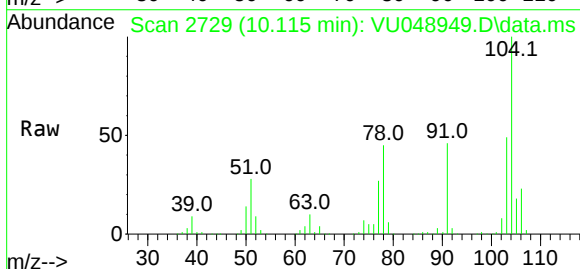
Tgt Ion:104 Resp: 316153

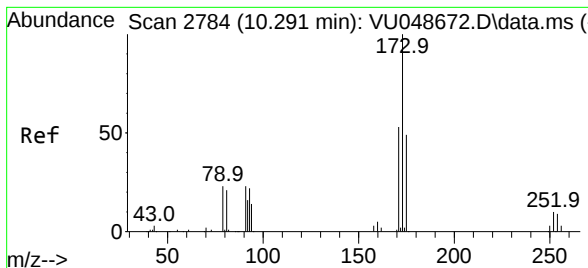
Ion Ratio Lower Upper

104 100

78 50.7 41.2 61.8

103 53.3 43.4 65.2





#71

Bromoform

Concen: 62.333 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

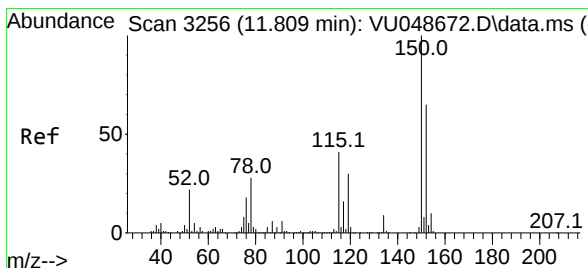
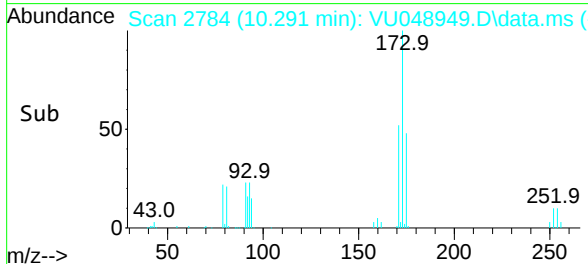
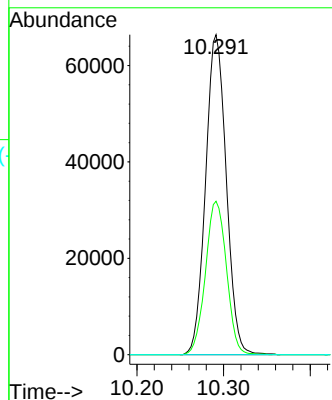
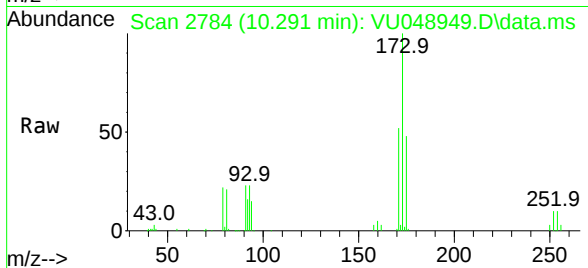
Tgt Ion:173 Resp: 110312

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

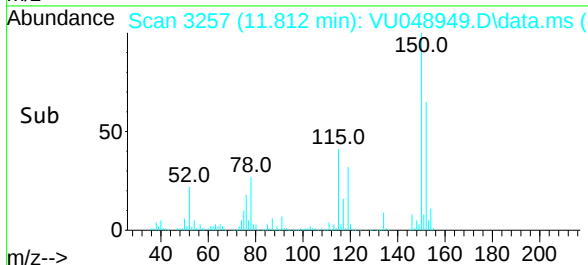
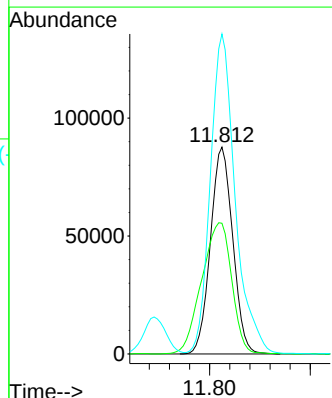
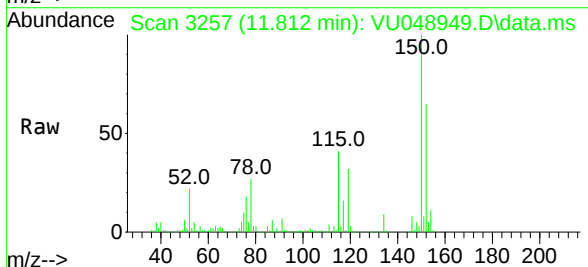
Tgt Ion:152 Resp: 135196

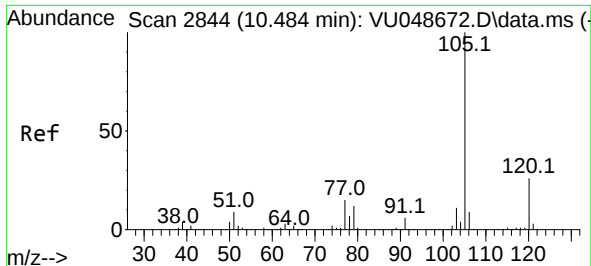
Ion Ratio Lower Upper

152 100

115 85.6 41.8 125.4

150 172.4 0.0 341.0

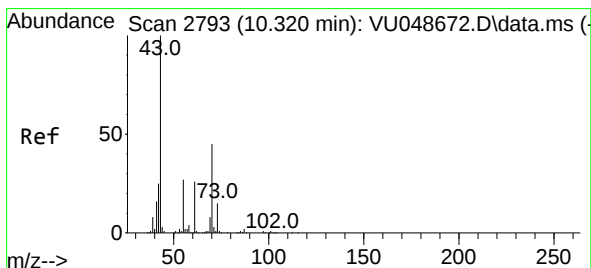
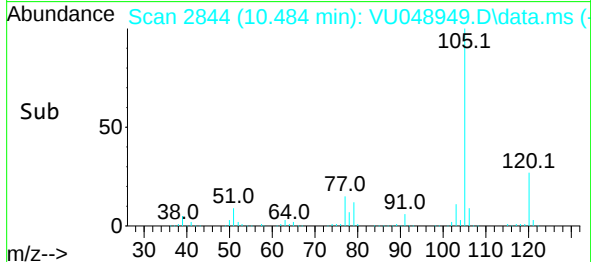
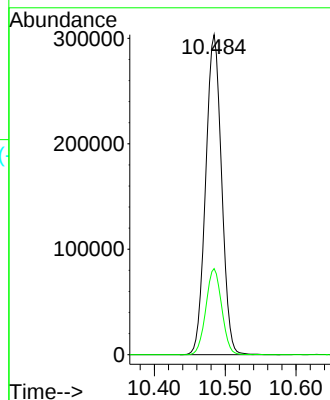
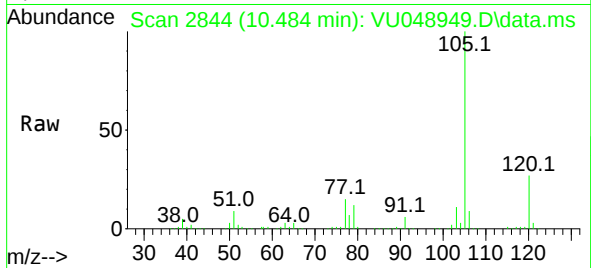




#73
Isopropylbenzene
Concen: 54.119 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

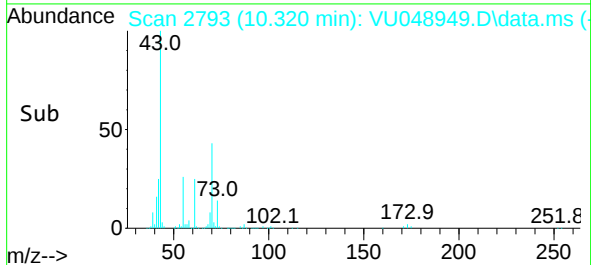
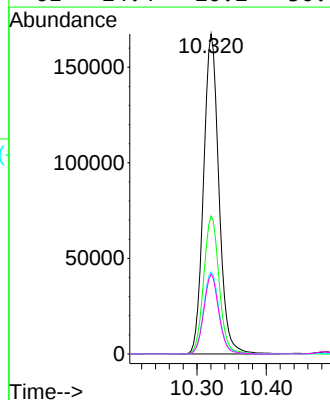
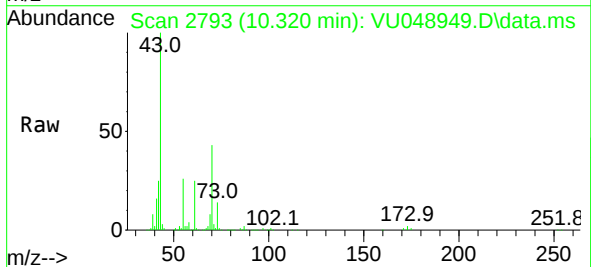
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

Tgt Ion:105 Resp: 472360
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6



#74
N-ethyl acetate
Concen: 57.751 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 43 Resp: 256970
Ion Ratio Lower Upper
43 100
70 43.3 35.8 53.6
55 26.0 21.1 31.7
61 24.4 20.2 30.4

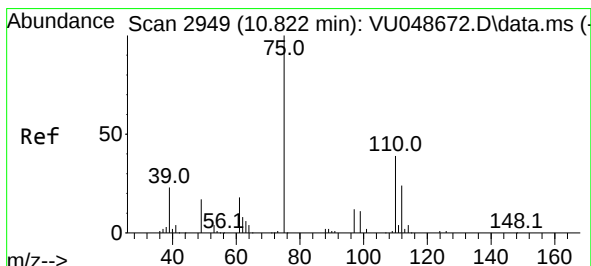
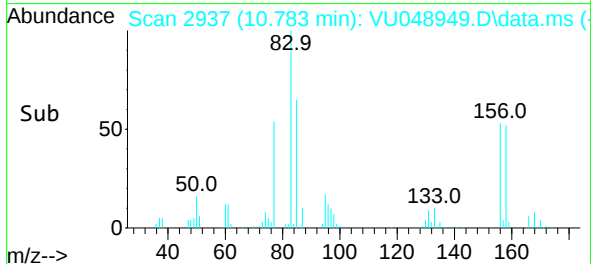
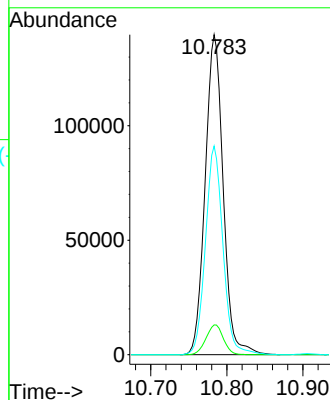
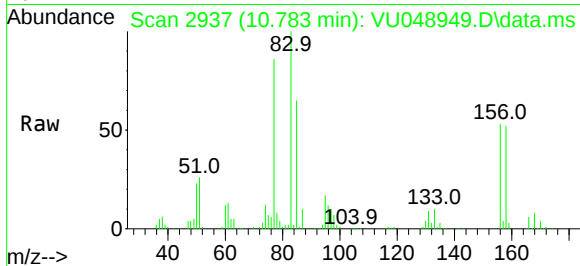




#75
 1,1,2,2-Tetrachloroethane
 Concen: 64.511 ug/l
 RT: 10.783 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

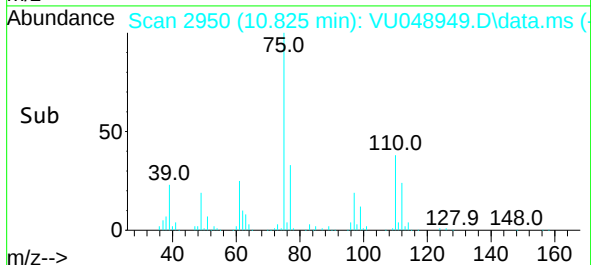
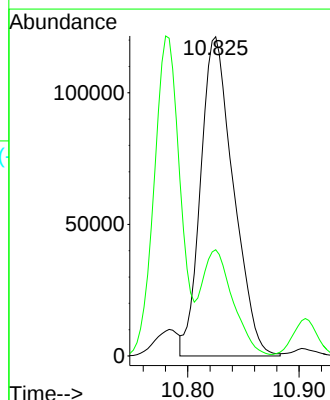
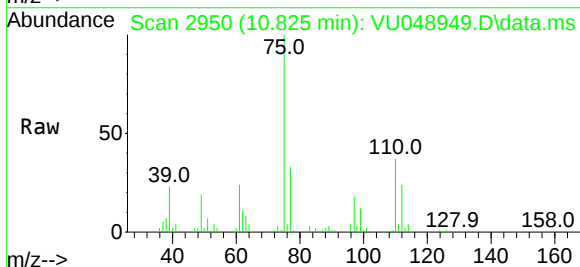
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

Tgt Ion: 83 Resp: 229778
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.2 15.6
 85 63.5 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 56.729 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.003 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion: 75 Resp: 247283
 Ion Ratio Lower Upper
 75 100
 77 31.7 14.8 44.3

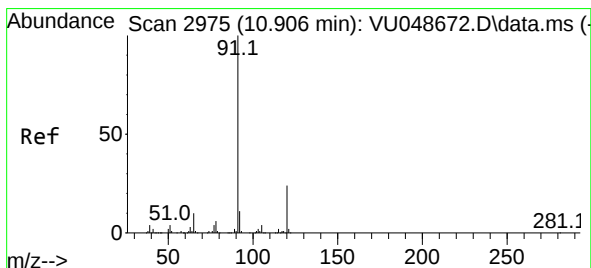
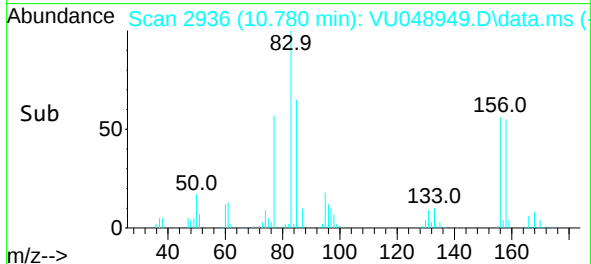
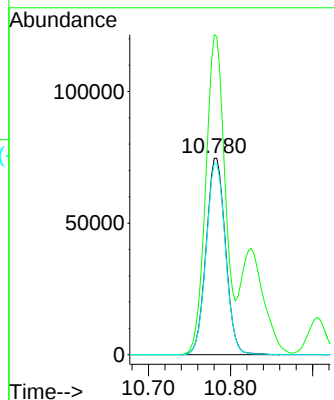
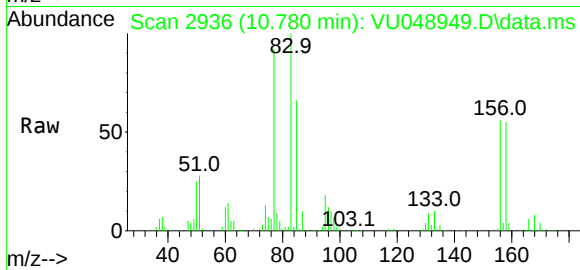




#77
Bromobenzene
Concen: 52.089 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

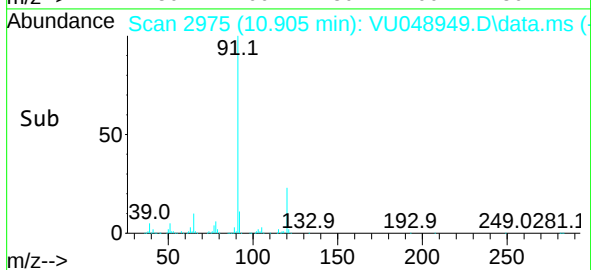
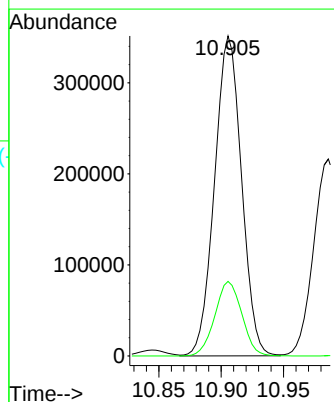
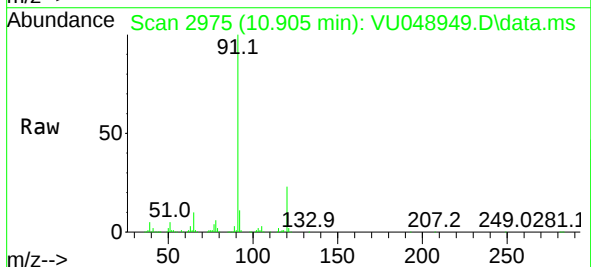
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

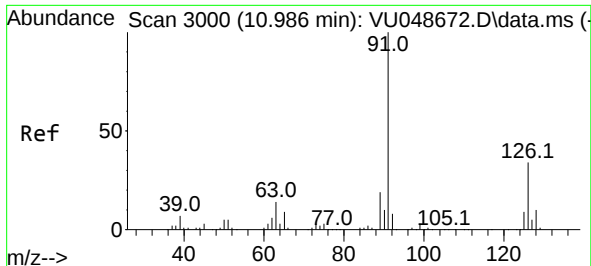
Tgt Ion:156 Resp: 122100
Ion Ratio Lower Upper
156 100
77 162.1 81.1 243.3
158 97.4 48.8 146.4



#78
n-propylbenzene
Concen: 50.935 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 91 Resp: 529743
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7

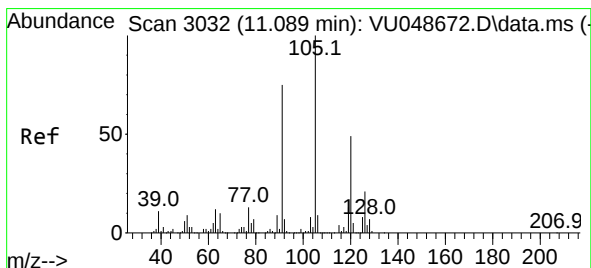
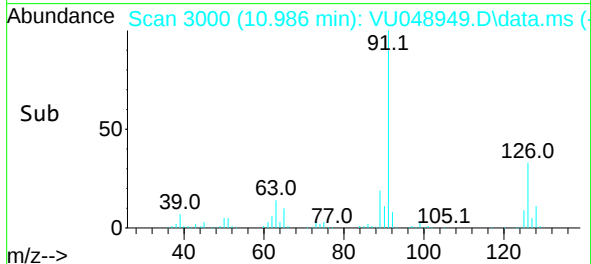
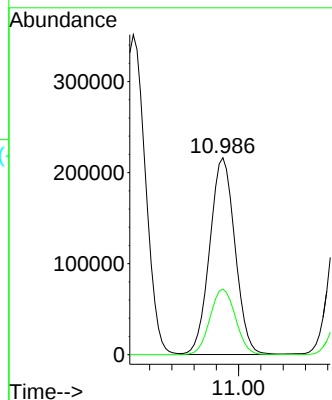
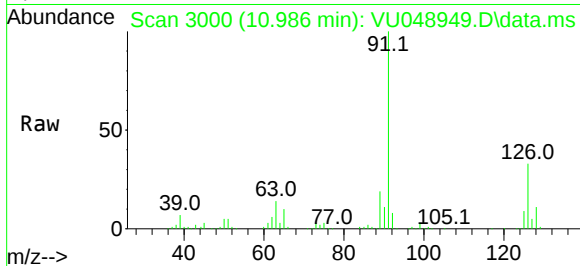




#79
2-Chlorotoluene
Concen: 52.763 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

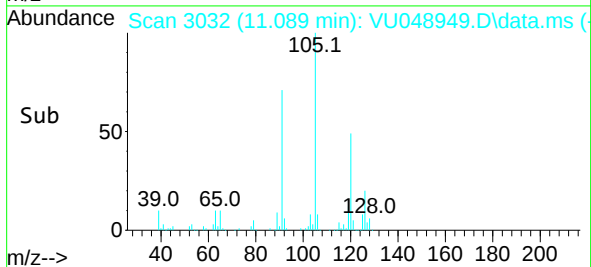
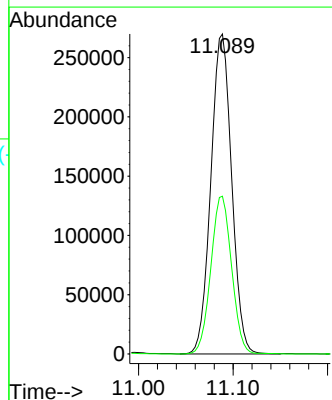
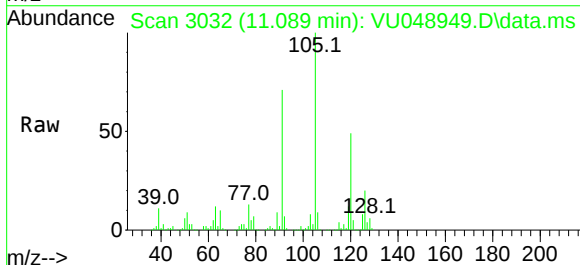
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

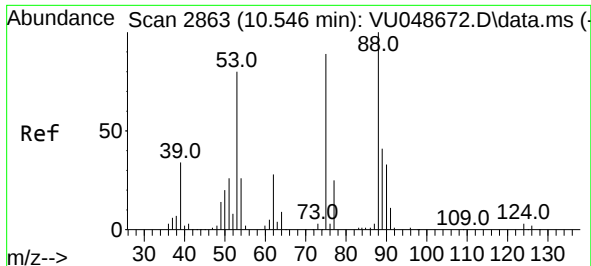
Tgt Ion: 91 Resp: 341258
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 54.371 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 105 Resp: 412694
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3

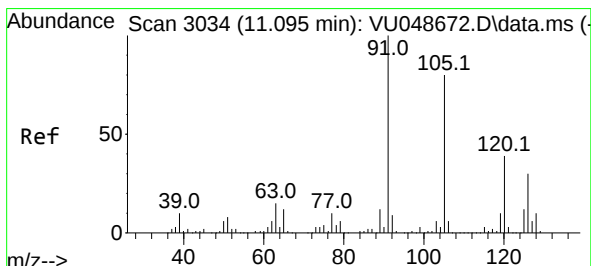
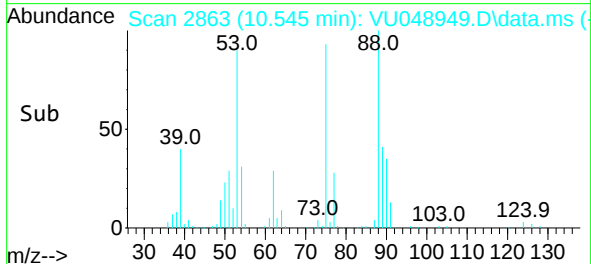
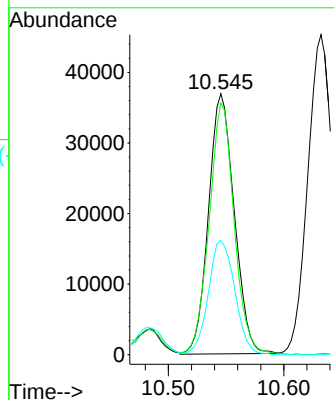
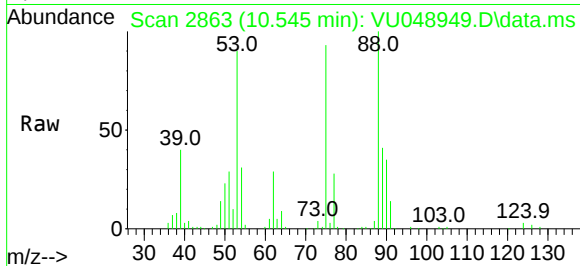




#81
trans-1,4-Dichloro-2-butene
Concen: 47.580 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

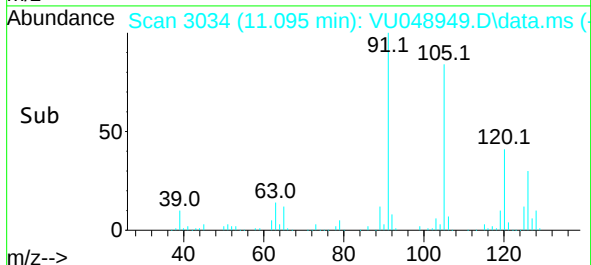
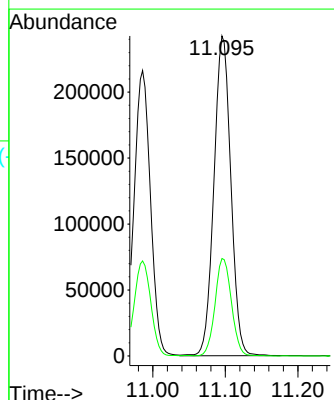
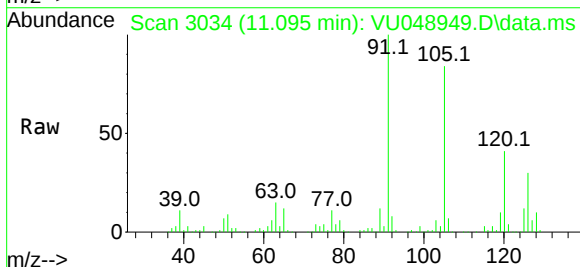
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

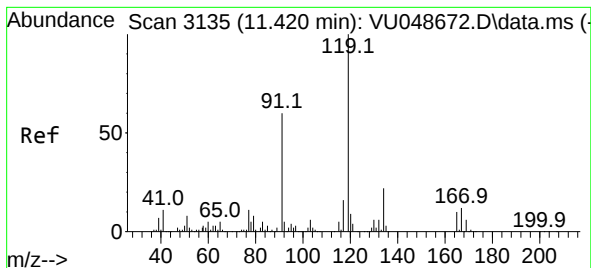
Tgt Ion:	75	Resp:	57122
Ion	Ratio	Lower	Upper
75	100		
53	94.5	72.5	108.7
89	45.1	37.0	55.4



#82
4-Chlorotoluene
Concen: 52.564 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion:	91	Resp:	392252
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.4	43.2





#83

tert-Butylbenzene

Concen: 59.345 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

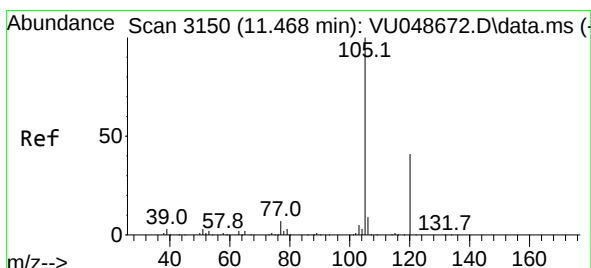
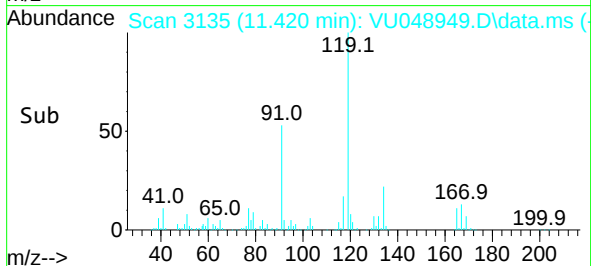
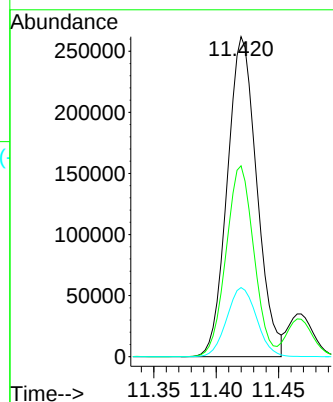
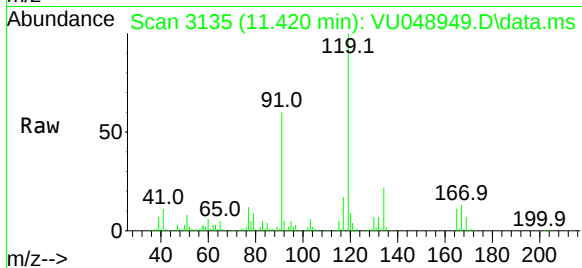
Tgt Ion:119 Resp: 432325

Ion Ratio Lower Upper

119 100

91 56.3 28.7 86.1

134 21.8 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 53.681 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048949.D

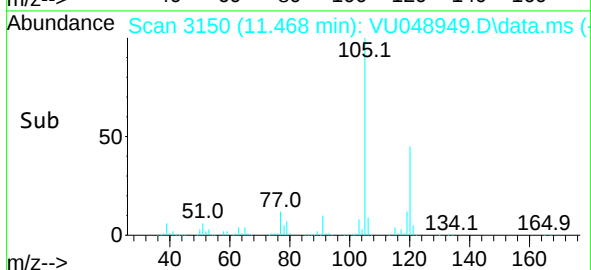
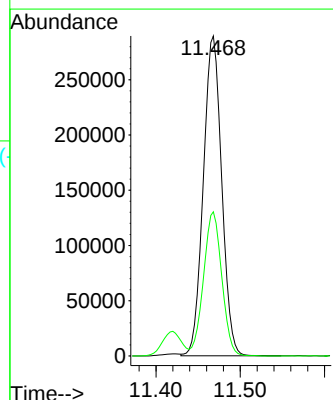
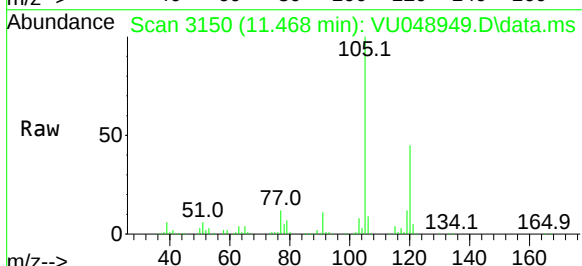
Acq: 08 Jun 2022 07:20

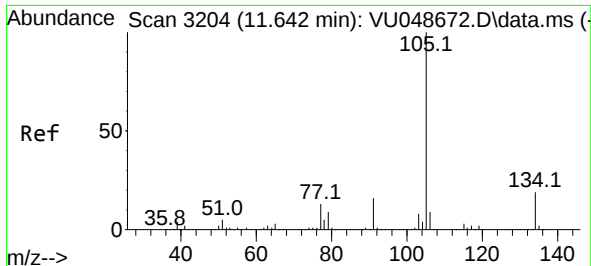
Tgt Ion:105 Resp: 439860

Ion Ratio Lower Upper

105 100

120 44.9 22.5 67.5

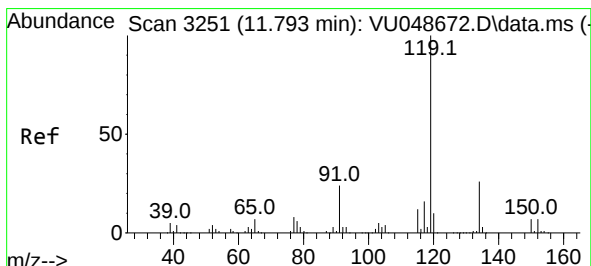
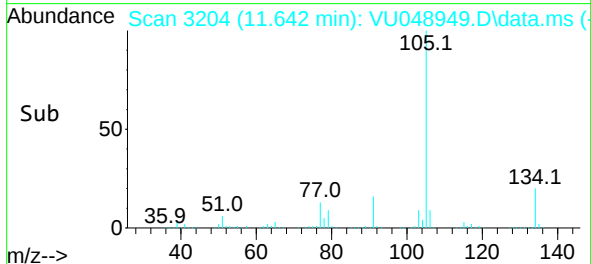
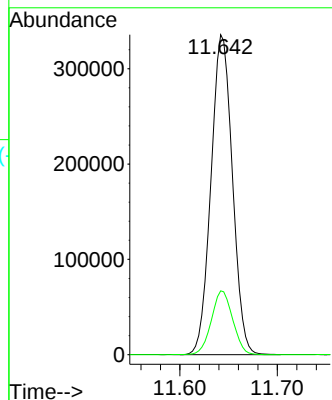
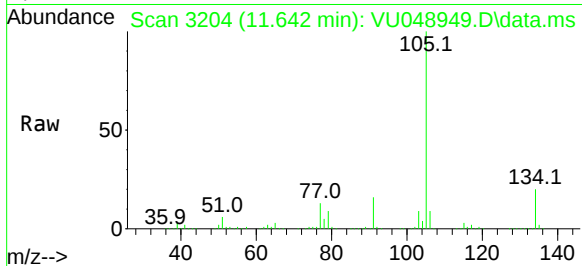




#85
 sec-Butylbenzene
 Concen: 56.308 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

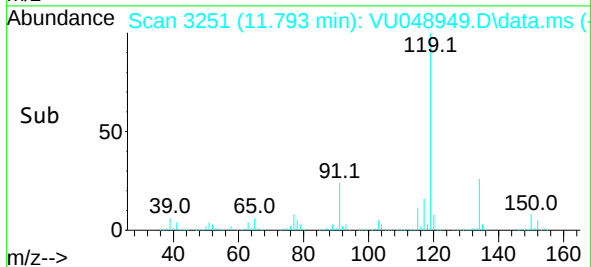
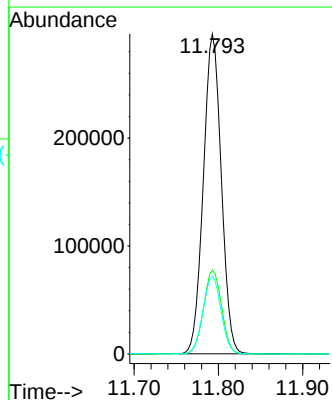
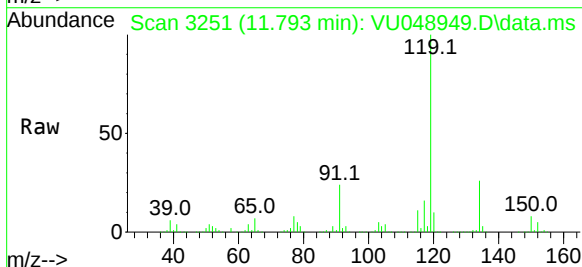
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MSD

Tgt Ion:105 Resp: 513175
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 56.140 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048949.D
 Acq: 08 Jun 2022 07:20

Tgt Ion:119 Resp: 439374
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 24.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 51.590 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

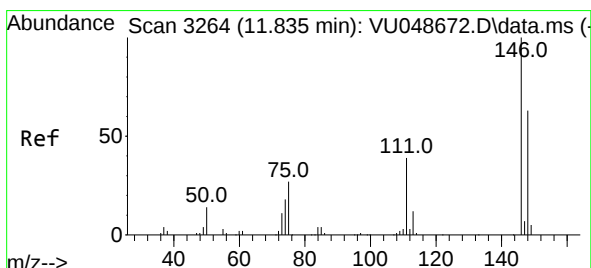
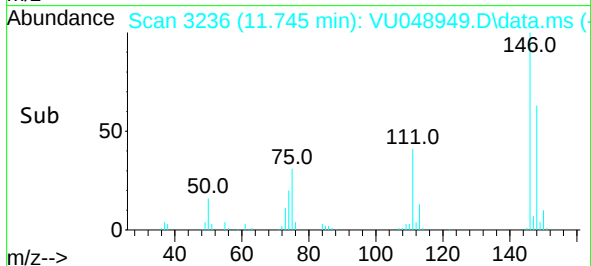
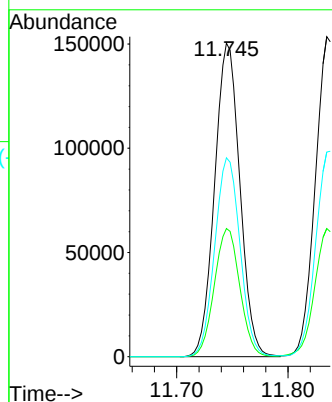
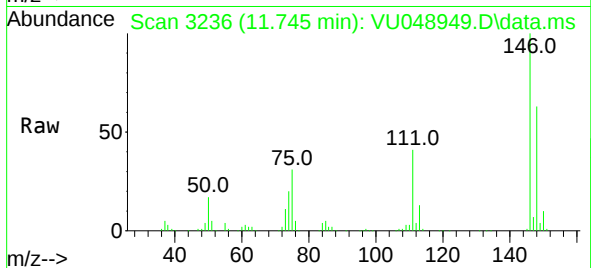
Tgt Ion:146 Resp: 237100

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.781 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

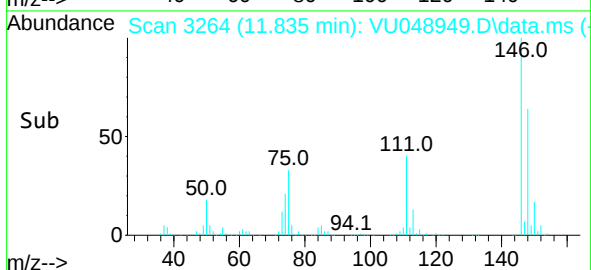
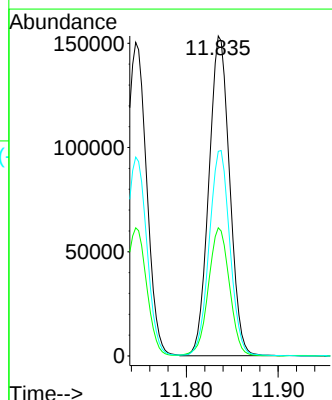
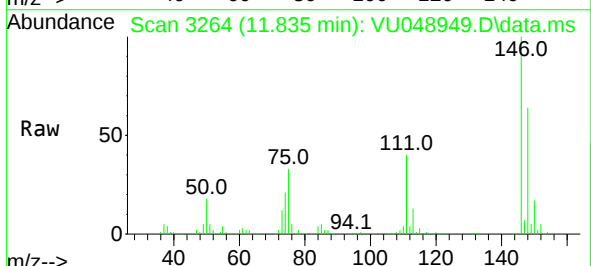
Tgt Ion:146 Resp: 241113

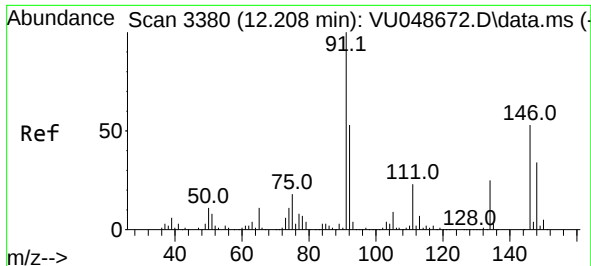
Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 46.132 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

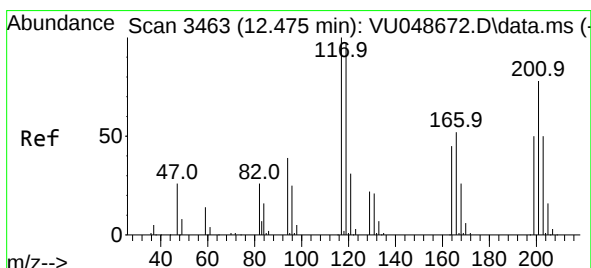
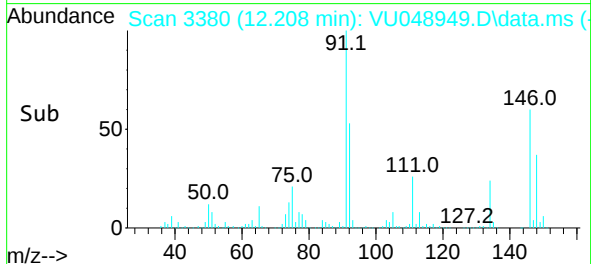
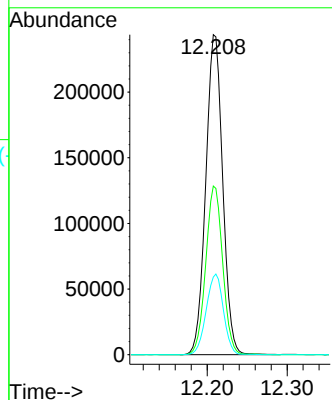
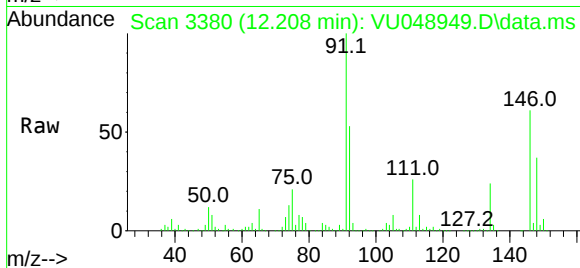
Tgt Ion: 91 Resp: 360007

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.8

134 25.6 12.5 37.5



#90

Hexachloroethane

Concen: 52.564 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048949.D

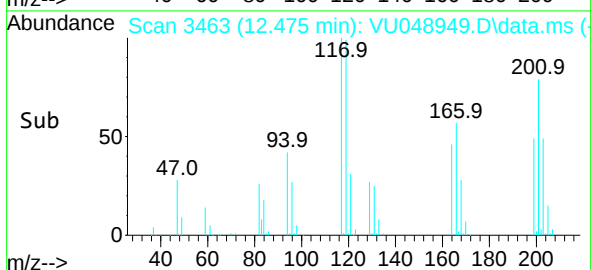
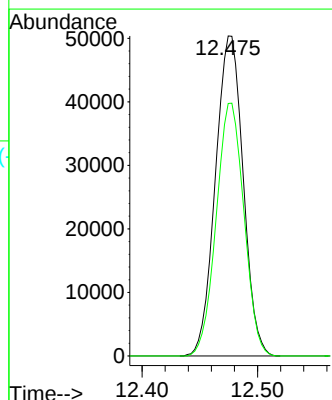
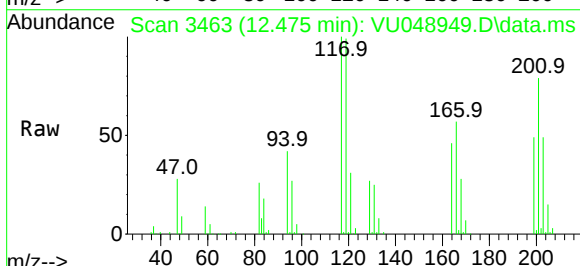
Acq: 08 Jun 2022 07:20

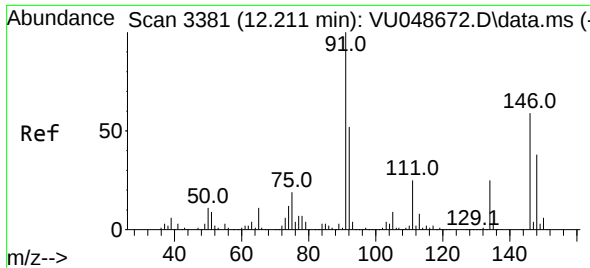
Tgt Ion: 117 Resp: 83959

Ion Ratio Lower Upper

117 100

201 79.0 39.6 119.0

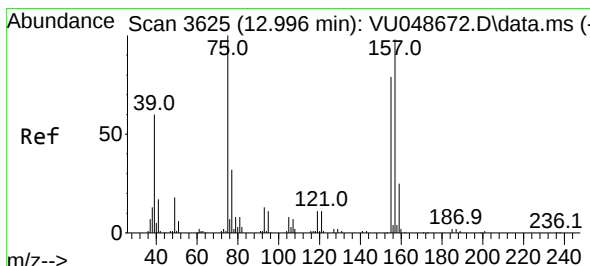
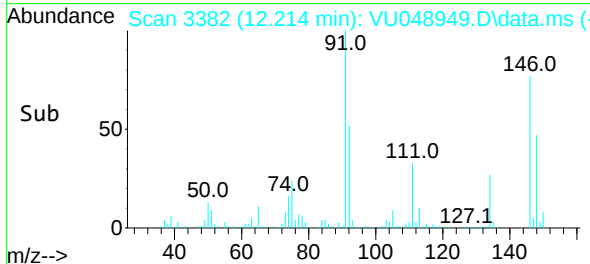
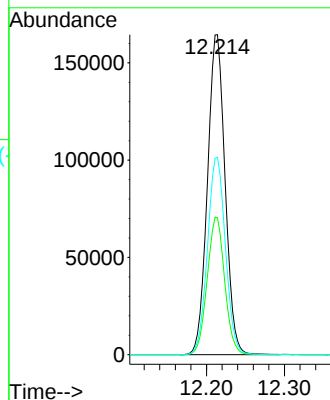
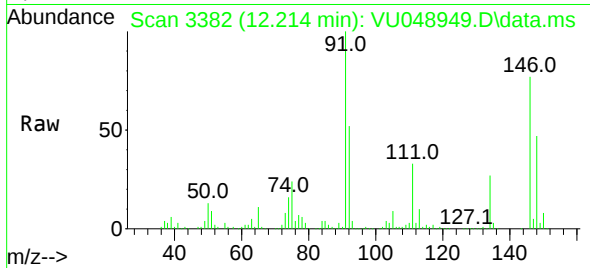




#91
1,2-Dichlorobenzene
Concen: 55.726 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

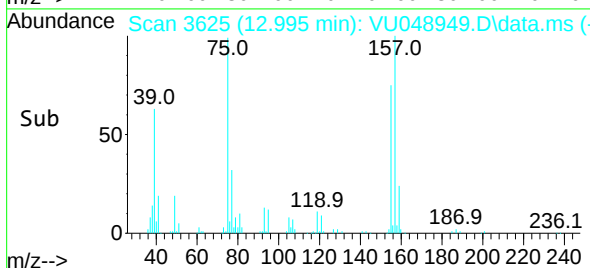
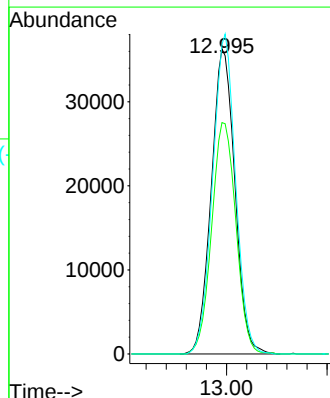
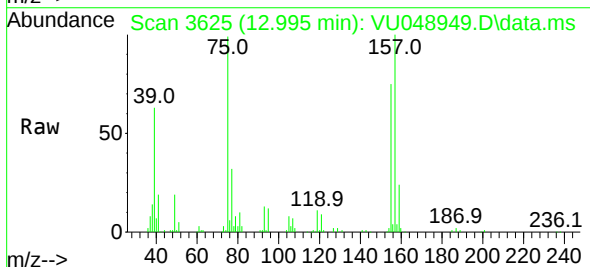
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MSD

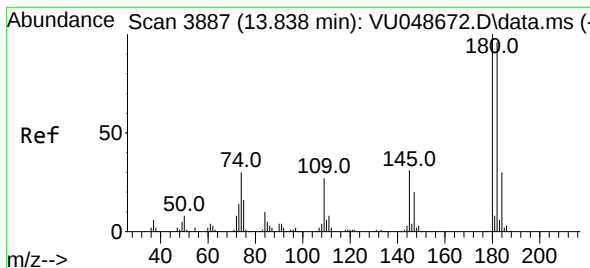
Tgt Ion:146 Resp: 258725
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 62.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.750 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048949.D
Acq: 08 Jun 2022 07:20

Tgt Ion: 75 Resp: 59226
Ion Ratio Lower Upper
75 100
155 77.7 40.3 120.8
157 101.8 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 46.446 ug/l

RT: 13.841 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

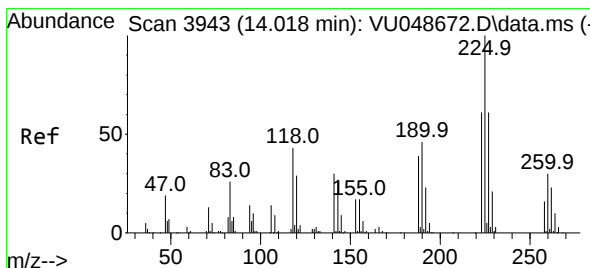
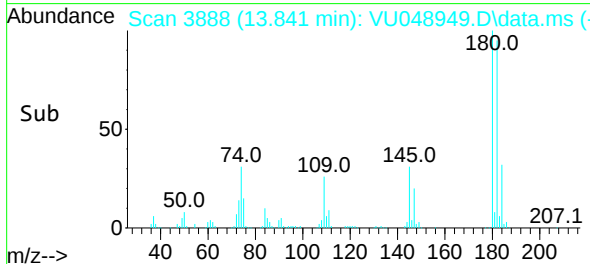
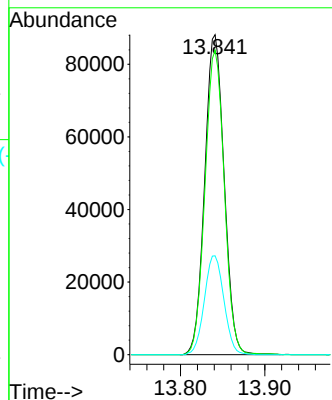
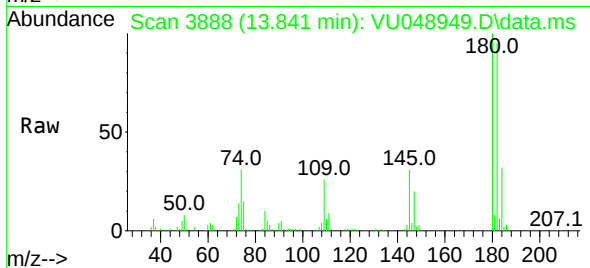
Tgt Ion:180 Resp: 141505

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.9

145 31.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 48.555 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

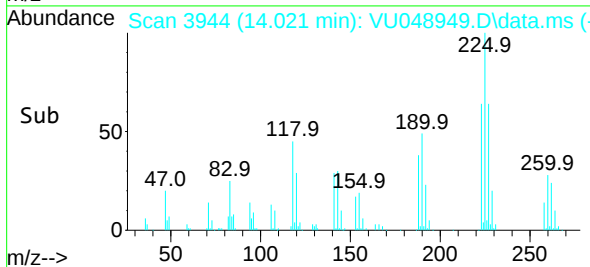
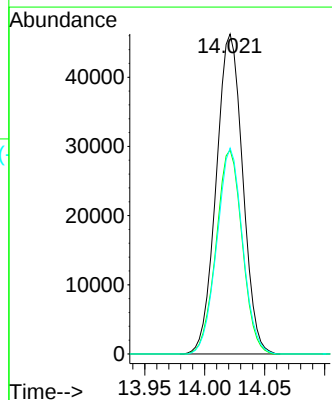
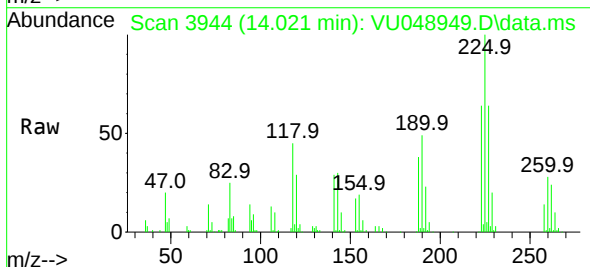
Tgt Ion:225 Resp: 70906

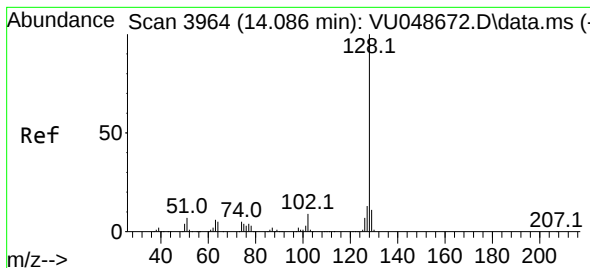
Ion Ratio Lower Upper

225 100

223 62.8 30.9 92.8

227 62.7 31.1 93.5





#95

Naphthalene

Concen: 47.469 ug/l

RT: 14.085 min Scan# 3964

Delta R.T. -0.001 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MSD

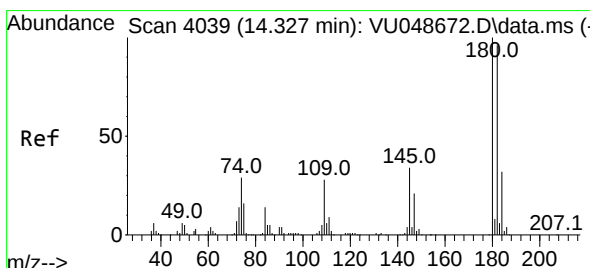
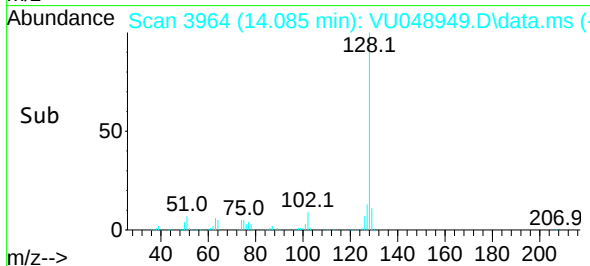
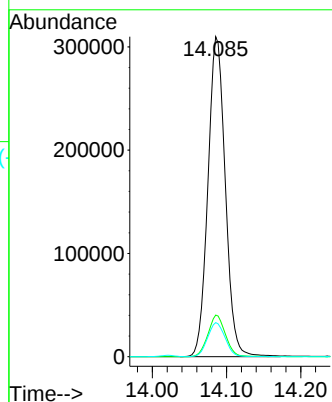
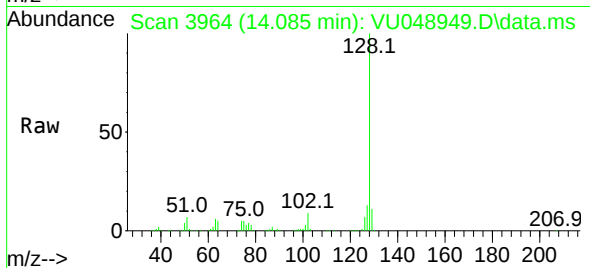
Tgt Ion:128 Resp: 503712

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.925 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048949.D

Acq: 08 Jun 2022 07:20

Tgt Ion:180 Resp: 150651

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 32.8 16.6 49.8

