

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049472.D
 Acq On : 28 Jun 2022 20:40
 Operator : SY/MD
 Sample : N3458-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

Quant Time: Jun 29 05:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	271574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	473116	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	425383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188809	45.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.280%
35) Dibromofluoromethane	5.288	113	155924	47.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	7.896	98	559301	47.374	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.740%
62) 4-Bromofluorobenzene	10.632	95	208629	46.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	192974	44.220	ug/l	99
3) Chloromethane	1.520	50	208871	38.965	ug/l	97
4) Vinyl Chloride	1.604	62	198407	45.159	ug/l	98
5) Bromomethane	1.848	94	70474	51.585	ug/l	99
6) Chloroethane	1.922	64	110113	54.162	ug/l	99
7) Trichlorofluoromethane	2.131	101	248751	44.425	ug/l	98
8) Diethyl Ether	2.375	74	101070	49.969	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	183598	60.941	ug/l	96
10) Methyl Iodide	2.719	142	198774	64.563	ug/l	97
11) Tert butyl alcohol	3.353	59	9011	9.205	ug/l	# 1
12) 1,1-Dichloroethene	2.575	96	152654	51.753	ug/l	95
13) Acrolein	2.485	56	103205	155.677	ug/l	99
14) Allyl chloride	2.919	41	287795	48.277	ug/l	# 87
15) Acrylonitrile	3.314	53	593683	252.159	ug/l	99
16) Acetone	2.629	43	479124	227.163	ug/l	99
17) Carbon Disulfide	2.787	76	420669	45.731	ug/l	100
18) Methyl Acetate	2.948	43	256630	44.948	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	555640	50.649	ug/l	97
20) Methylene Chloride	3.041	84	177796	50.649	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	158519	49.853	ug/l	92
22) Diisopropyl ether	3.993	45	561365	49.322	ug/l	# 71
23) Vinyl Acetate	3.954	43	2383537	238.927	ug/l	95
24) 1,1-Dichloroethane	3.867	63	319855	48.924	ug/l	98
25) 2-Butanone	4.703	43	801070	253.432	ug/l	95
26) 2,2-Dichloropropane	4.665	77	218288	40.117	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	195398	53.187	ug/l	94
28) Bromochloromethane	4.973	49	135000	47.241	ug/l	# 79
29) Tetrahydrofuran	5.051	42	527525	243.278	ug/l	89
30) Chloroform	5.086	83	312901	48.383	ug/l	100
31) Cyclohexane	5.385	56	287607	45.797	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	273878	48.808	ug/l	99
36) 1,1-Dichloropropene	5.526	75	224716	46.821	ug/l	98
37) Ethyl Acetate	4.803	43	291695	44.477	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	232140	46.119	ug/l	100
39) Methylcyclohexane	6.761	83	269970	46.928	ug/l	92
40) Benzene	5.774	78	695812	48.019	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	157830	48.027	ug/l #	91
42) 1,2-Dichloroethane	5.793	62	244672	45.368	ug/l	99
43) Isopropyl Acetate	5.912	43	442447	46.041	ug/l	98
44) Trichloroethene	6.542	130	414812	120.421	ug/l	89
45) 1,2-Dichloropropane	6.790	63	189078	47.091	ug/l	99
46) Dibromomethane	6.919	93	127237	47.530	ug/l	92
47) Bromodichloromethane	7.105	83	238923	46.371	ug/l	100
48) Methyl methacrylate	6.957	41	216923	48.167	ug/l	89
49) 1,4-Dioxane	6.980	88	125396	1086.817	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1504261	233.892	ug/l	97
52) Toluene	7.967	92	417214	48.443	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	261044	47.232	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	282893	47.939	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	174643	49.045	ug/l	99
56) Ethyl methacrylate	8.333	69	302577	50.804	ug/l	93
57) 1,3-Dichloropropane	8.575	76	301382	47.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.443	63	261	13.184	ug/l #	46
59) 2-Hexanone	8.684	43	1178980	233.111	ug/l	96
60) Dibromochloromethane	8.809	129	180765	48.816	ug/l	99
61) 1,2-Dibromoethane	8.922	107	186792	48.136	ug/l	100
64) Tetrachloroethene	8.552	164	131093	48.048	ug/l	95
65) Chlorobenzene	9.446	112	424688	48.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	165292	50.384	ug/l	98
67) Ethyl Benzene	9.568	91	792565	49.643	ug/l	97
68) m/p-Xylenes	9.693	106	592795	100.351	ug/l	90
69) o-Xylene	10.099	106	297736	50.770	ug/l	91
70) Styrene	10.115	104	484936	51.464	ug/l	96
71) Bromoform	10.291	173	141516	50.296	ug/l #	99
73) Isopropylbenzene	10.484	105	766921	53.821	ug/l	96
74) N-amyl acetate	10.320	43	374004	49.591	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	306832	50.833	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	335586	49.490	ug/l	97
77) Bromobenzene	10.780	156	180698	51.951	ug/l	85
78) n-propylbenzene	10.906	91	888759	51.329	ug/l	97
79) 2-Chlorotoluene	10.986	91	543113	50.912	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	642978	51.686	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	87914	47.878	ug/l	94
82) 4-Chlorotoluene	11.095	91	603457	50.297	ug/l	93
83) tert-Butylbenzene	11.420	119	644471	52.671	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	639759	52.348	ug/l	94
85) sec-Butylbenzene	11.642	105	773690	50.293	ug/l	96
86) p-Isopropyltoluene	11.793	119	638897	51.355	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	324348	48.776	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	325239	48.662	ug/l	97
89) n-Butylbenzene	12.208	91	552124	47.942	ug/l	98
90) Hexachloroethane	12.475	117	115269	46.518	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	334014	49.991	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	79092	51.101	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	216543	48.353	ug/l	98
94) Hexachlorobutadiene	14.021	225	90137	43.490	ug/l	99
95) Naphthalene	14.086	128	872890	55.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	228961	49.677	ug/l	98

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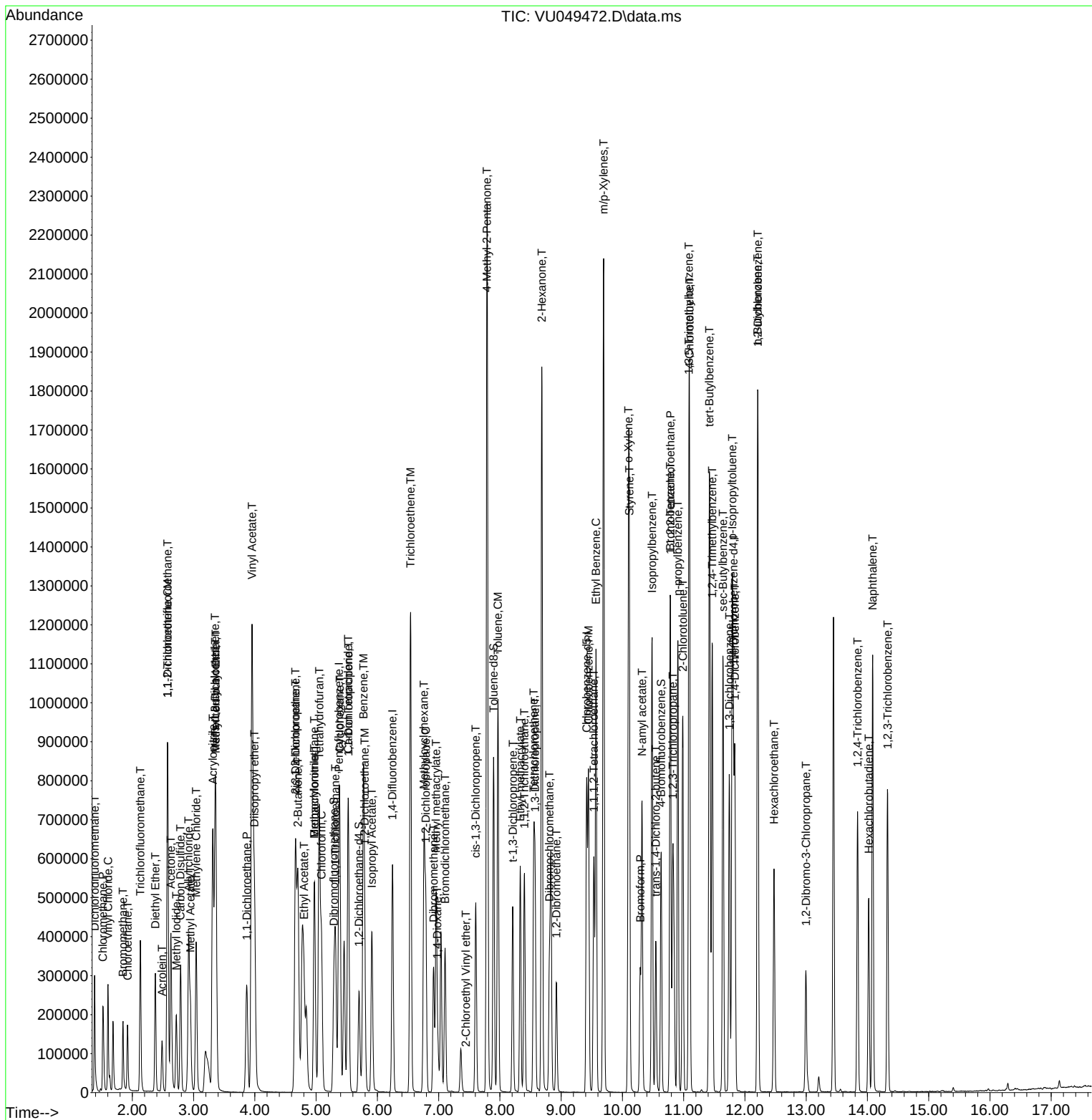
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

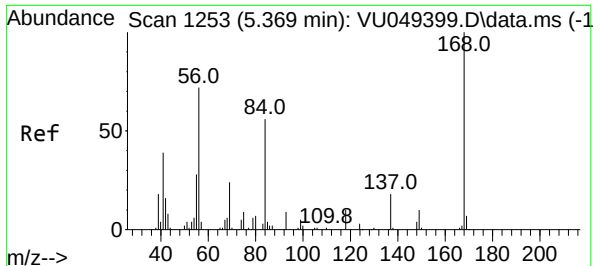
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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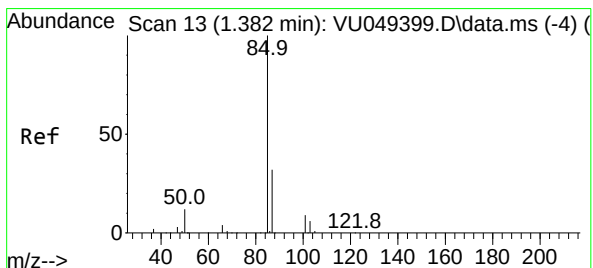
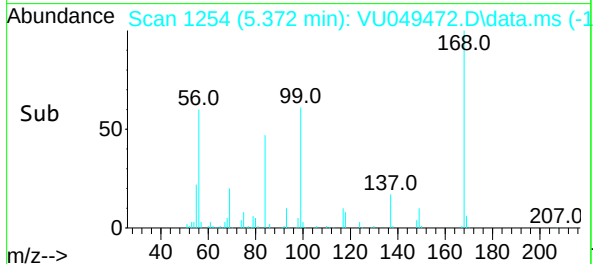
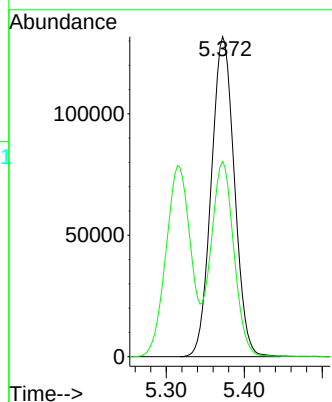
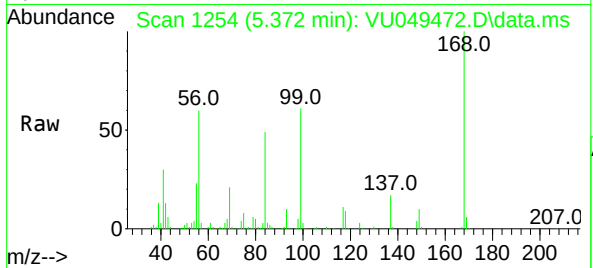




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049472.D
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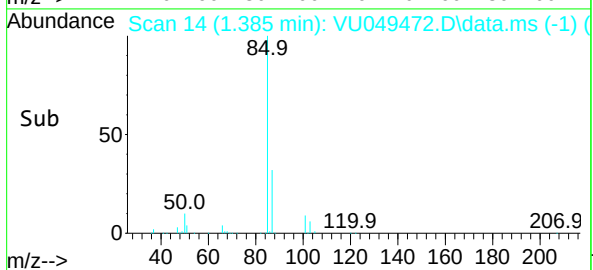
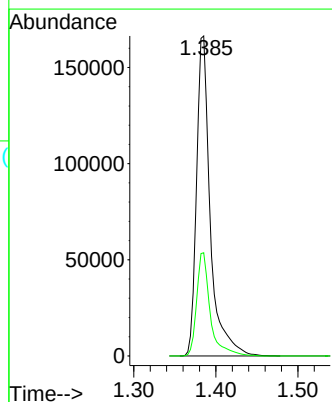
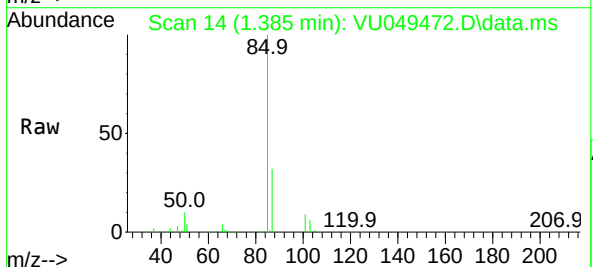
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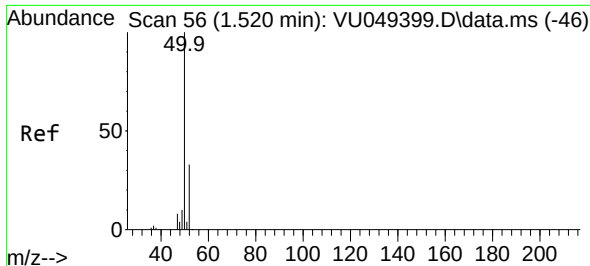
Tgt Ion:168 Resp: 271574
Ion Ratio Lower Upper
168 100
99 60.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 44.220 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 85 Resp: 192974
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2

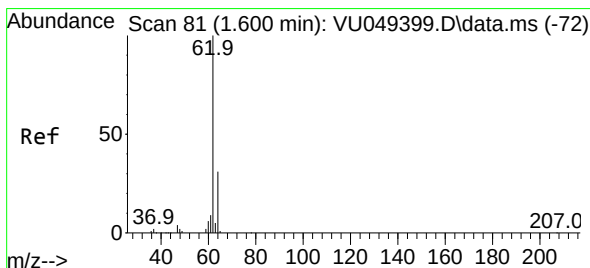
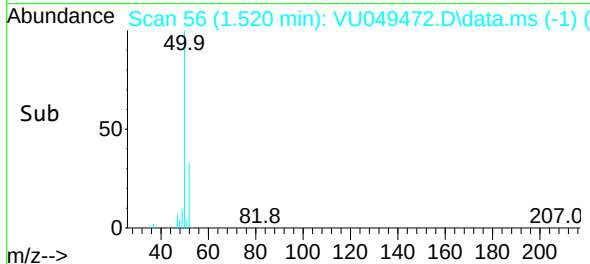
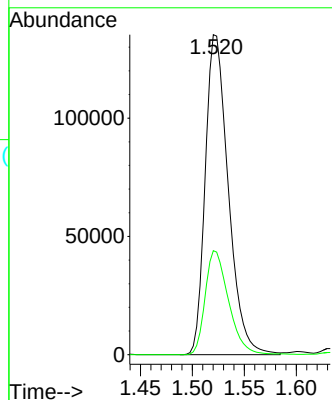
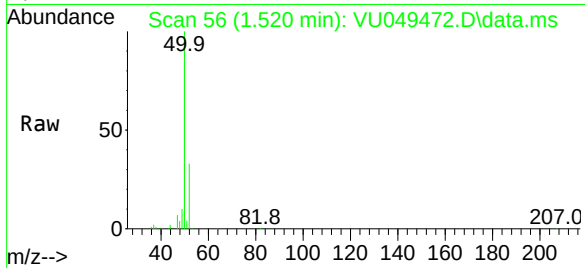




#3
Chloromethane
Concen: 38.965 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

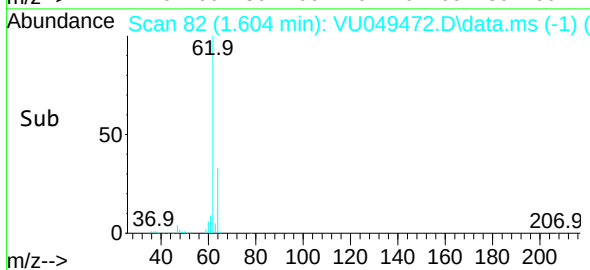
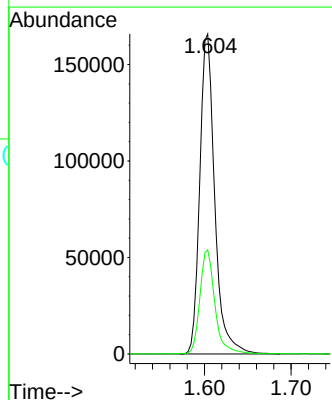
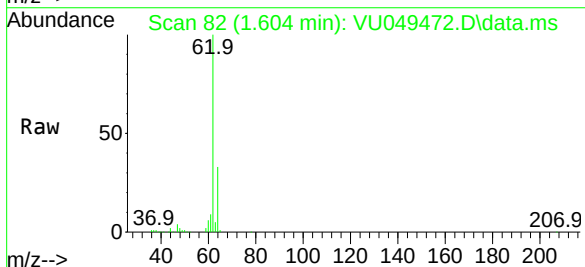
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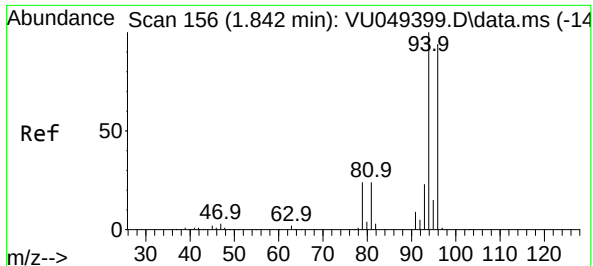
Tgt Ion: 50 Resp: 208871
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.2



#4
Vinyl Chloride
Concen: 45.159 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 62 Resp: 198407
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9

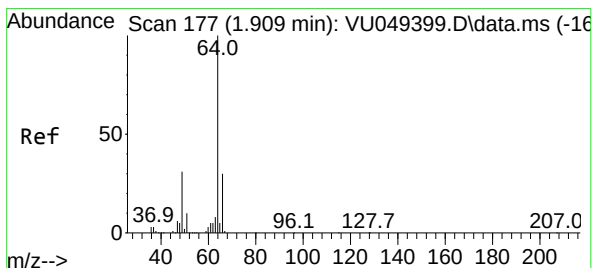
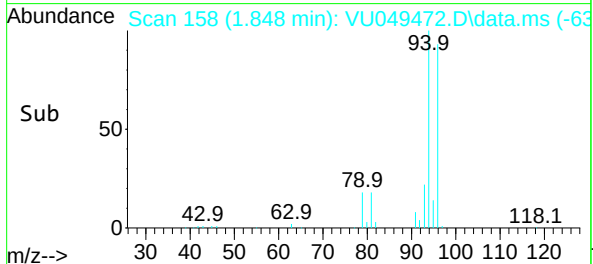
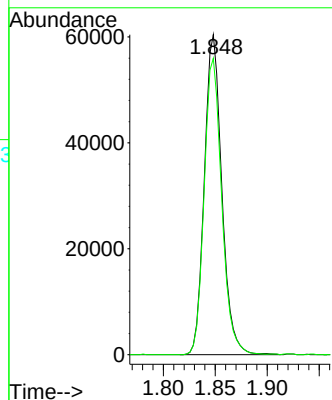
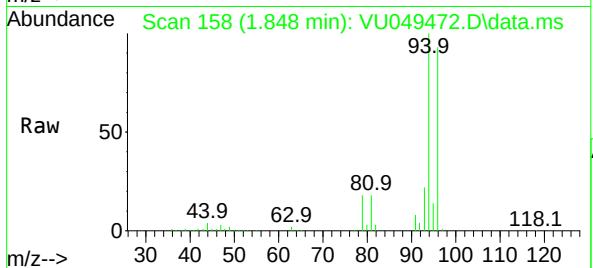




#5
Bromomethane
Concen: 51.585 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

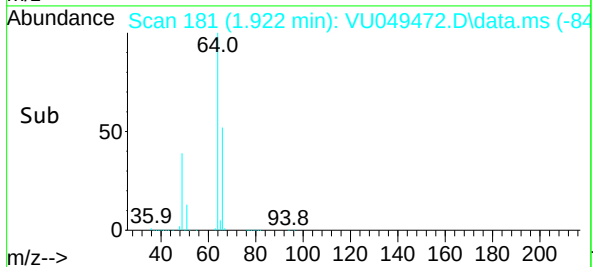
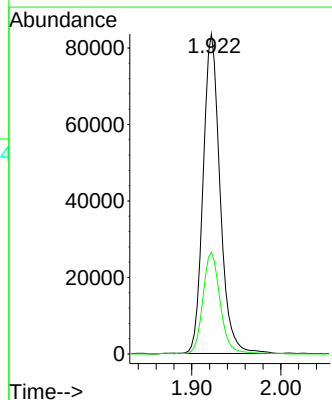
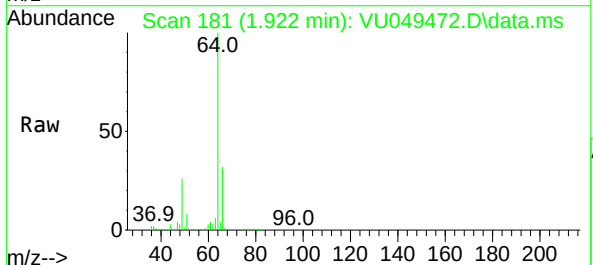
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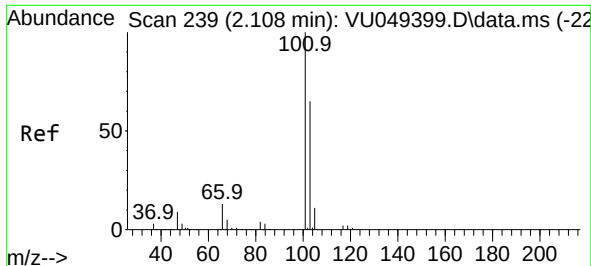
Tgt Ion: 94 Resp: 70474
Ion Ratio Lower Upper
94 100
96 92.6 73.7 110.5



#6
Chloroethane
Concen: 54.162 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 64 Resp: 110113
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

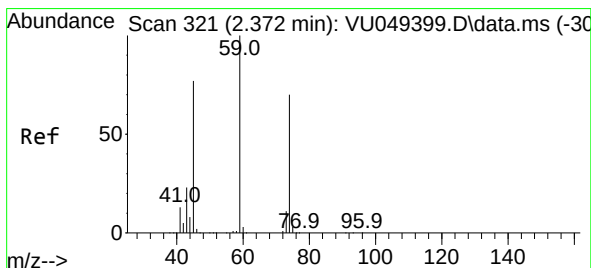
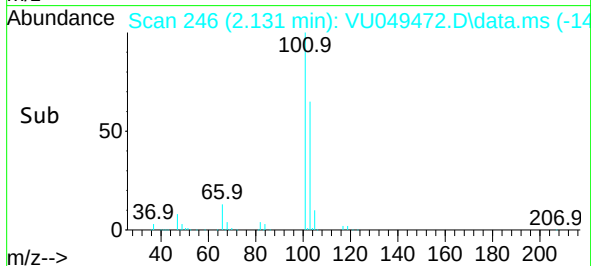
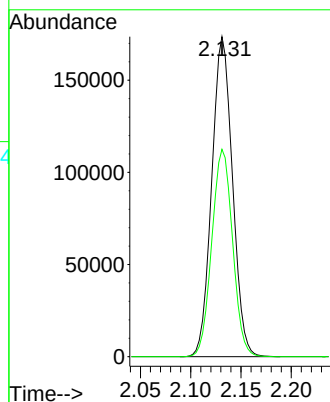
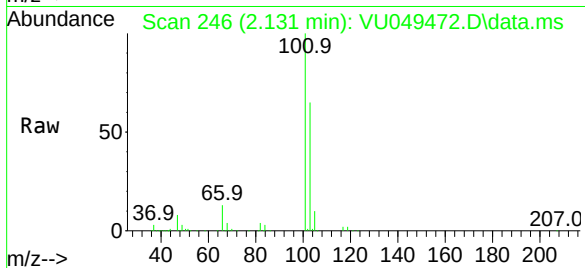




#7
Trichlorofluoromethane
Concen: 44.425 ug/l
RT: 2.131 min Scan# 246
Delta R.T. 0.023 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

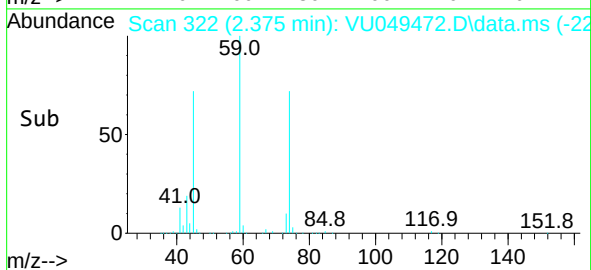
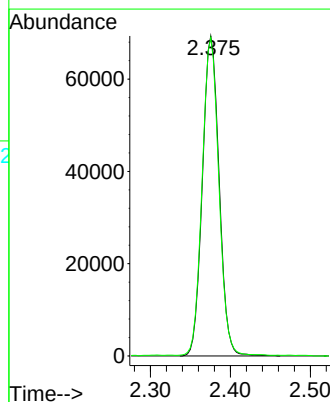
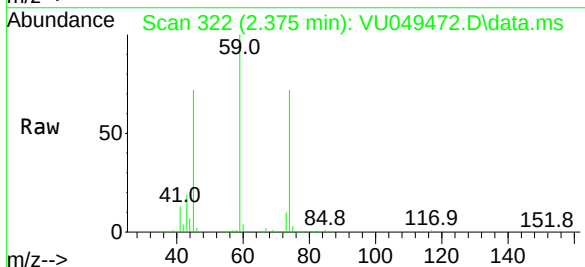
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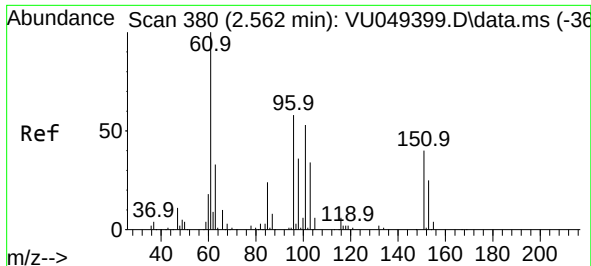
Tgt Ion:101 Resp: 248751
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8



#8
Diethyl Ether
Concen: 49.969 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 74 Resp: 101070
Ion Ratio Lower Upper
74 100
45 99.0 44.4 133.2

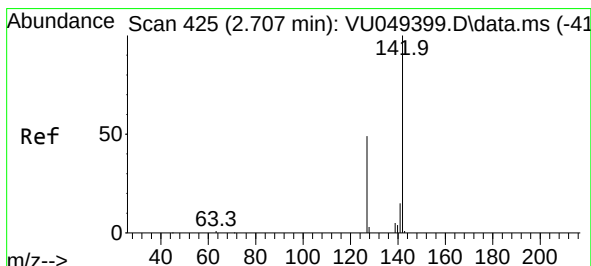
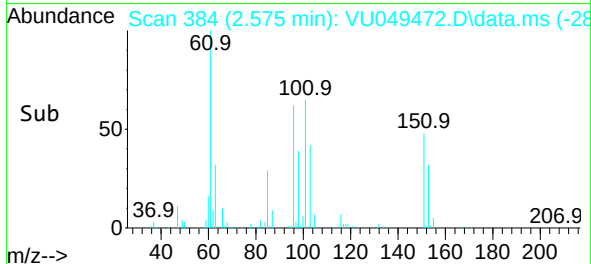
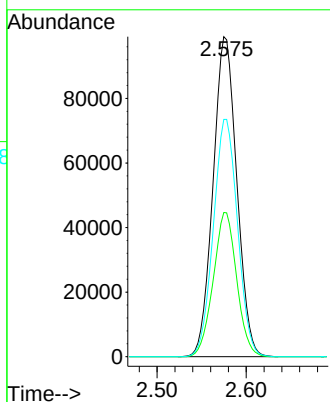
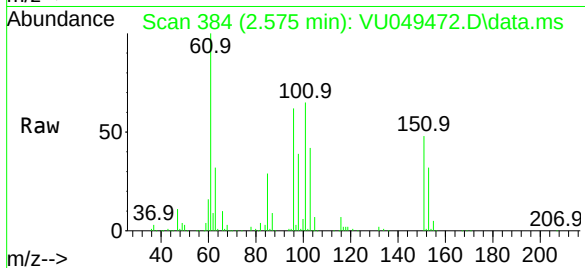




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.941 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

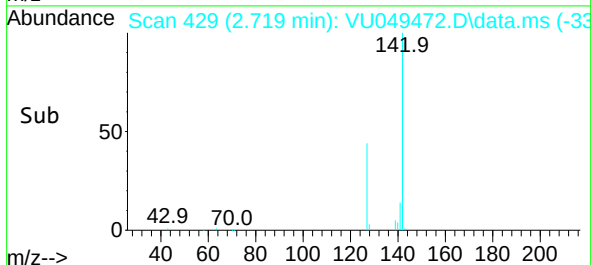
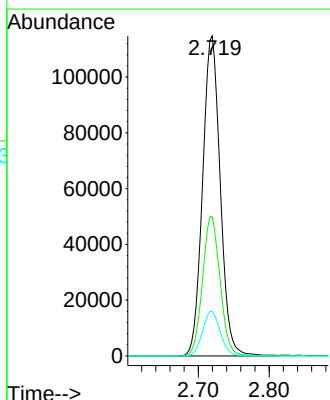
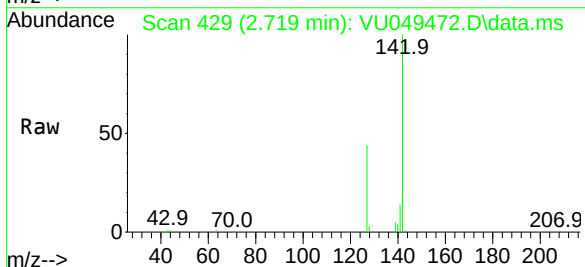
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

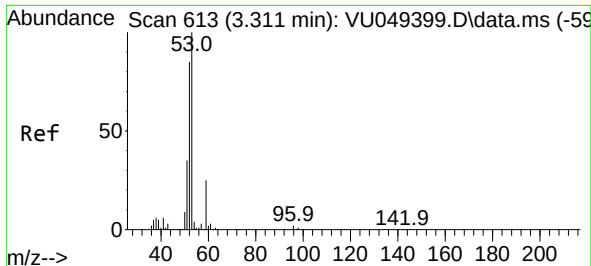
Tgt Ion:101 Resp: 183598
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 75.6 64.0 96.0



#10
Methyl Iodide
Concen: 64.563 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:142 Resp: 198774
Ion Ratio Lower Upper
142 100
127 43.4 32.5 48.7
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 9.205 ug/l

RT: 3.353 min Scan# 61

Delta R.T. 0.042 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

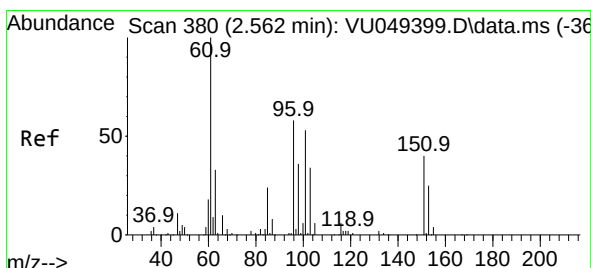
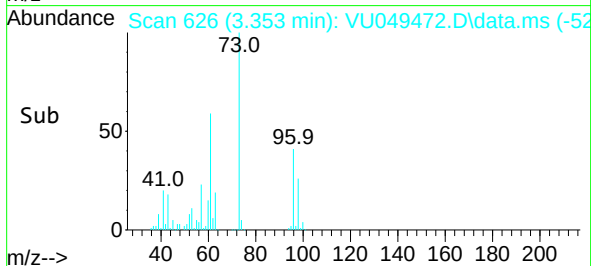
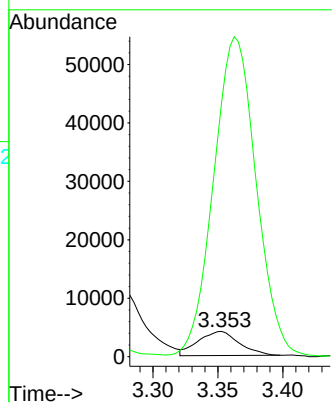
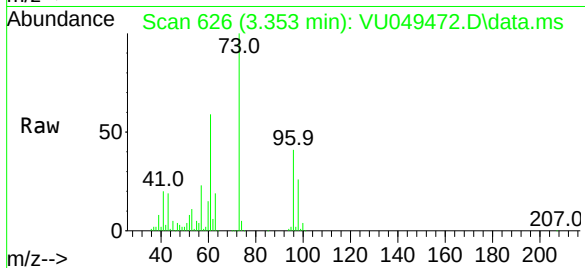
RE114D2-20220622MSD

Tgt Ion: 59 Resp: 9011

Ion Ratio Lower Upper

59 100

57 1393.2 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 51.753 ug/l

RT: 2.575 min Scan# 384

Delta R.T. 0.013 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

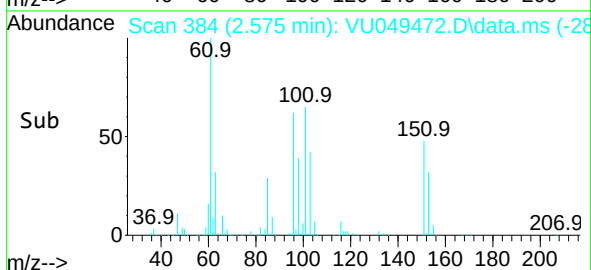
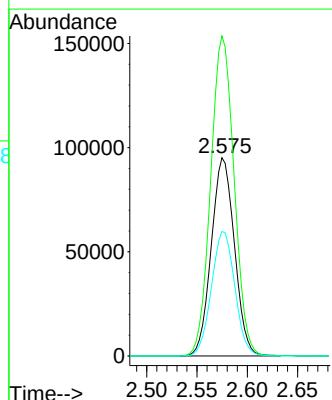
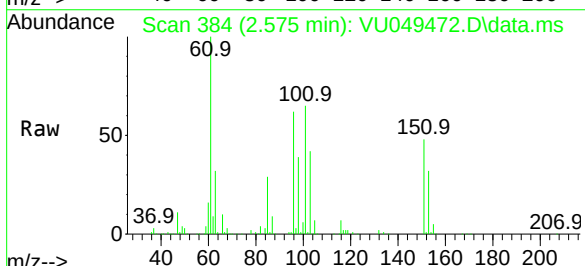
Tgt Ion: 96 Resp: 152654

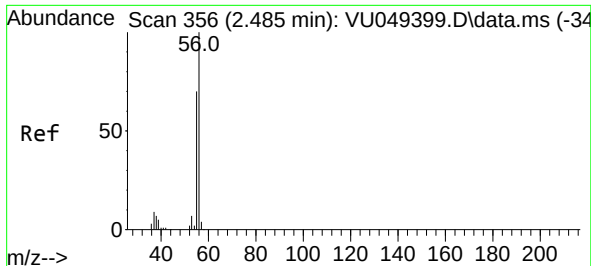
Ion Ratio Lower Upper

96 100

61 161.5 122.2 183.2

98 62.9 50.7 76.1

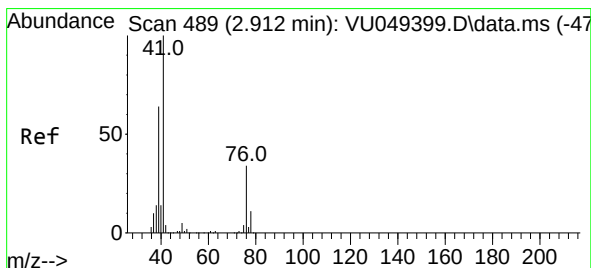
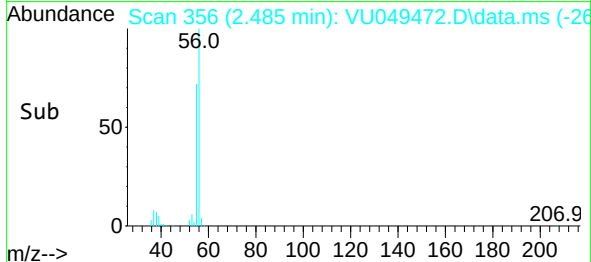
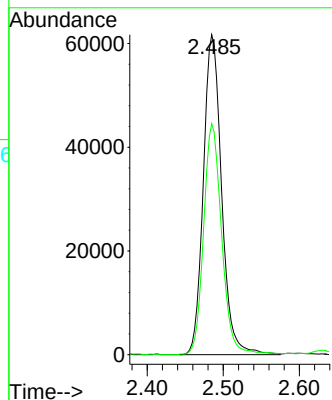
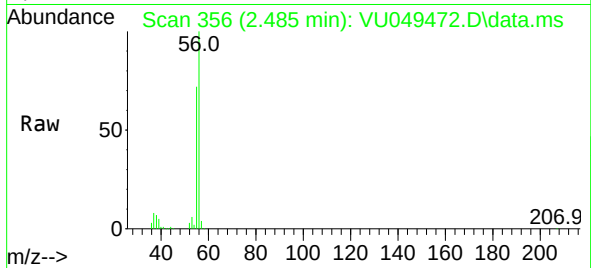




#13
Acrolein
Concen: 155.677 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

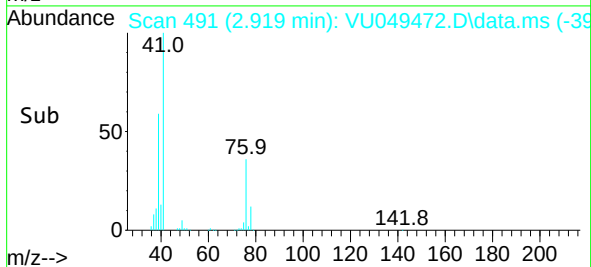
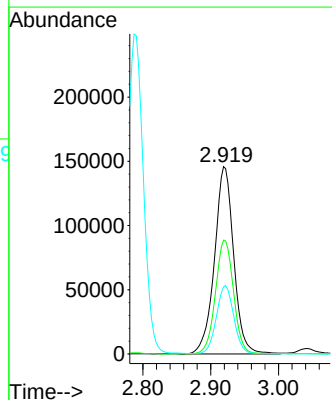
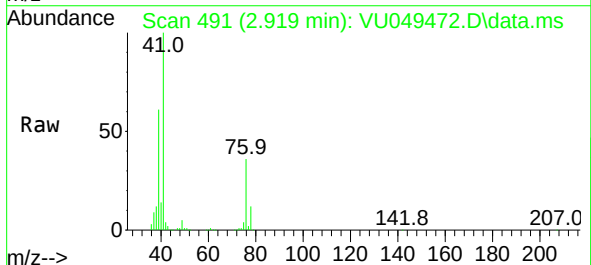
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

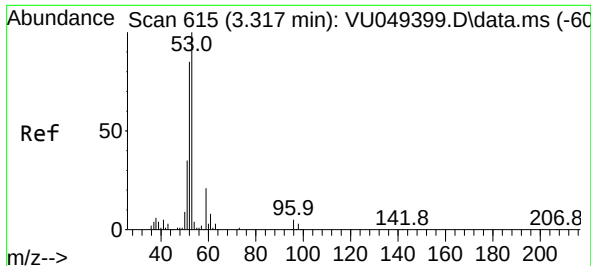
Tgt Ion: 56 Resp: 103205
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0



#14
Allyl chloride
Concen: 48.277 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 41 Resp: 287795
Ion Ratio Lower Upper
41 100
39 56.9 53.4 80.2
76 32.9 33.8 50.6#

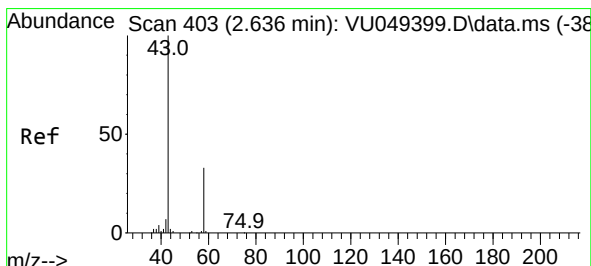
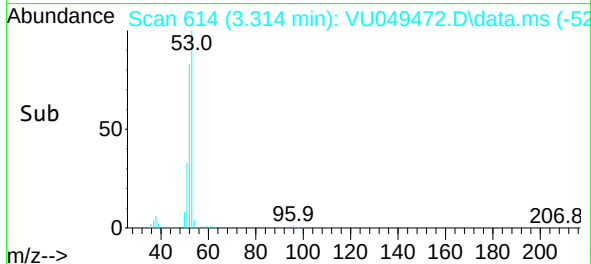
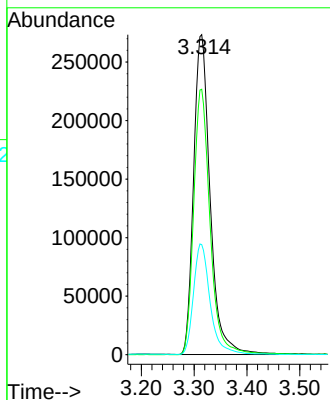
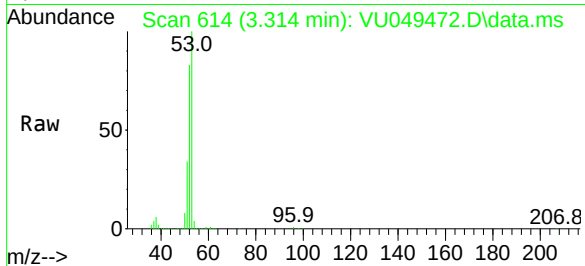




#15
Acrylonitrile
Concen: 252.159 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

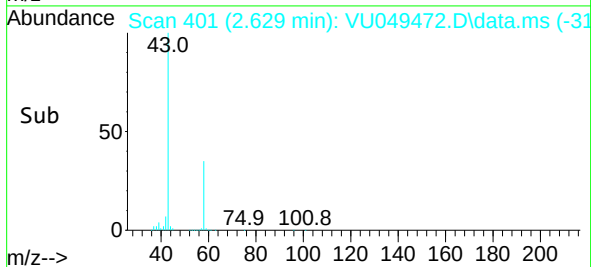
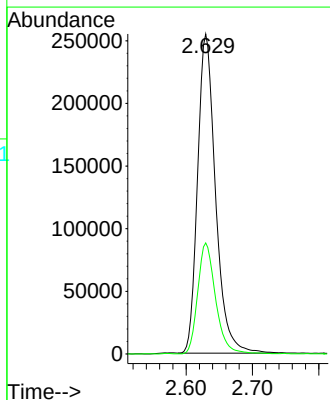
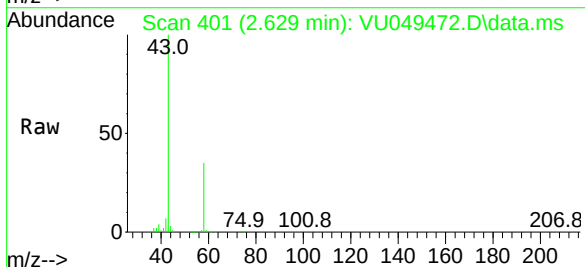
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

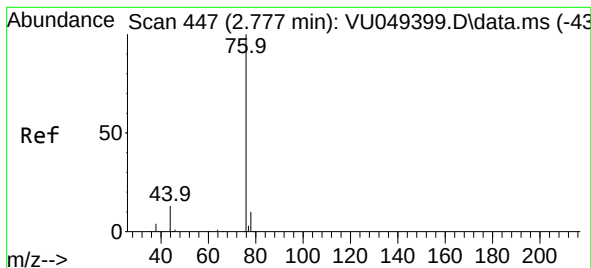
Tgt Ion: 53 Resp: 593683
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 227.163 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 43 Resp: 479124
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3





#17

Carbon Disulfide

Concen: 45.731 ug/l

RT: 2.787 min Scan# 4

Delta R.T. 0.010 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

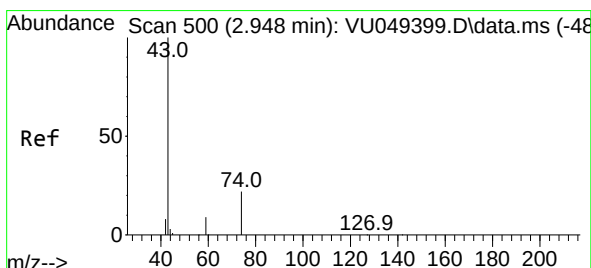
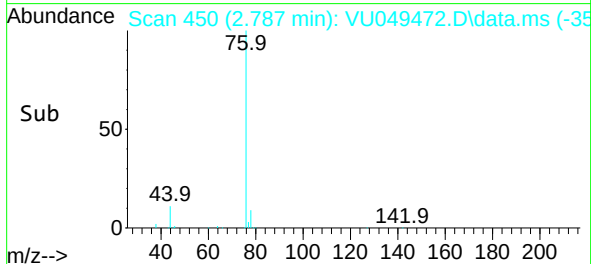
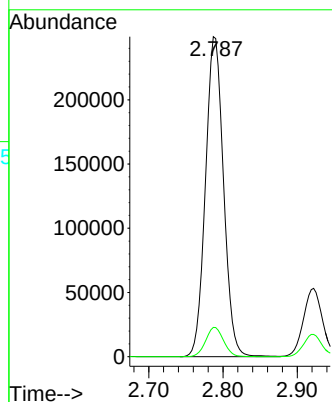
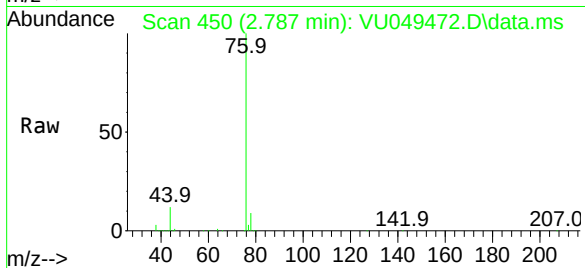
RE114D2-20220622MSD

Tgt Ion: 76 Resp: 420669

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 44.948 ug/l

RT: 2.948 min Scan# 500

Delta R.T. 0.000 min

Lab File: VU049472.D

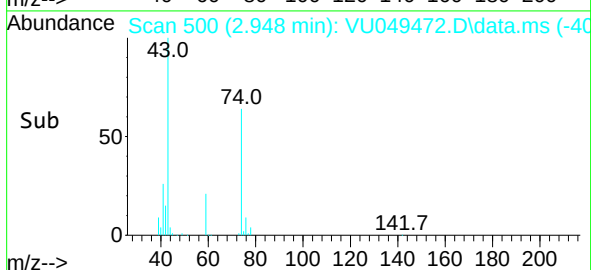
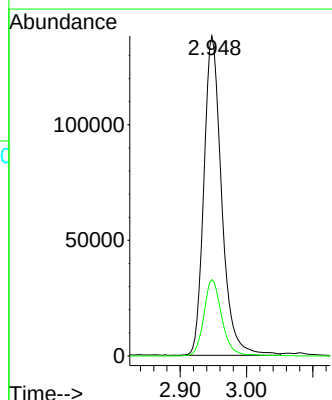
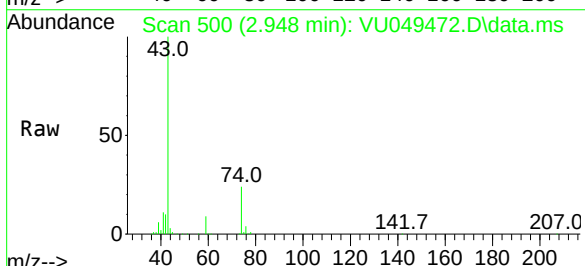
Acq: 28 Jun 2022 20:40

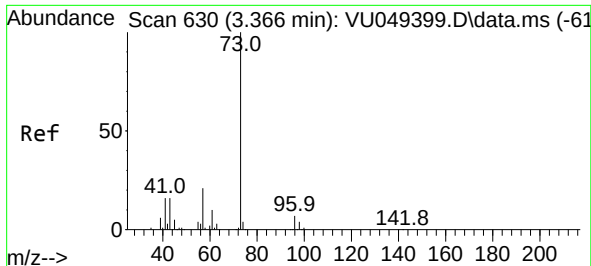
Tgt Ion: 43 Resp: 256630

Ion Ratio Lower Upper

43 100

74 24.4 22.5 33.7

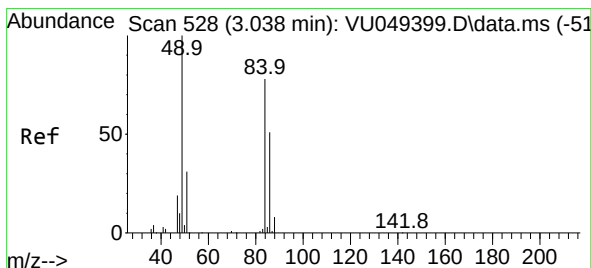
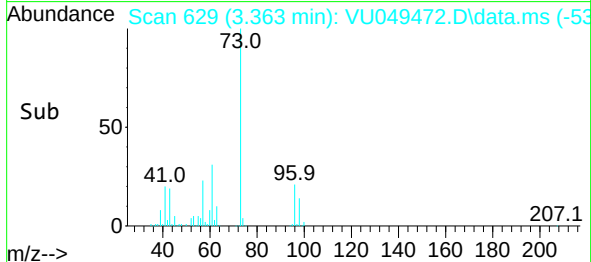
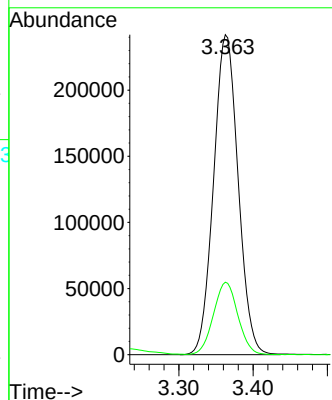
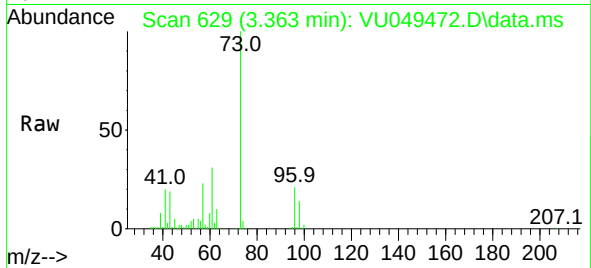




#19
Methyl tert-butyl Ether
Concen: 50.649 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

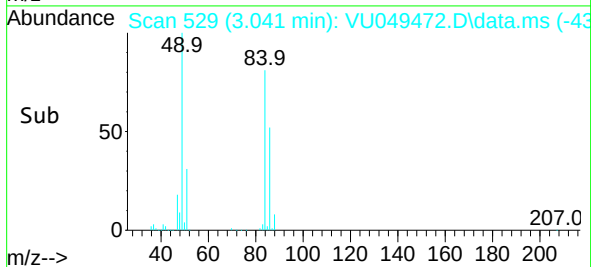
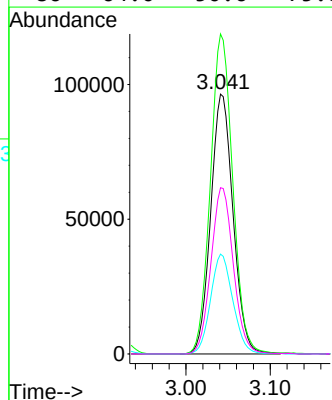
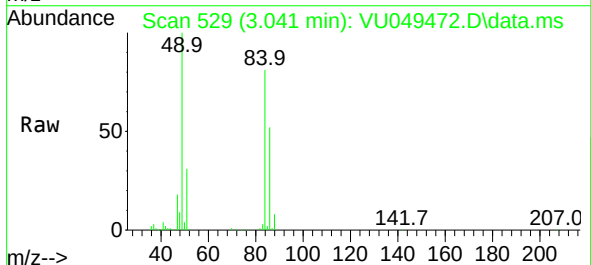
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

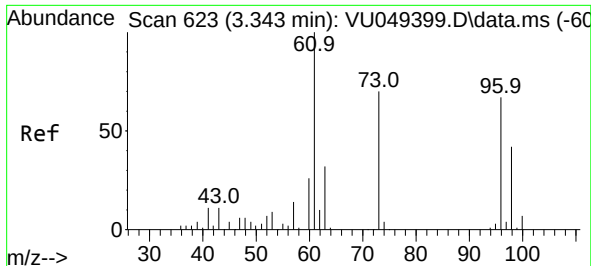
Tgt Ion: 73 Resp: 555640
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 50.649 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

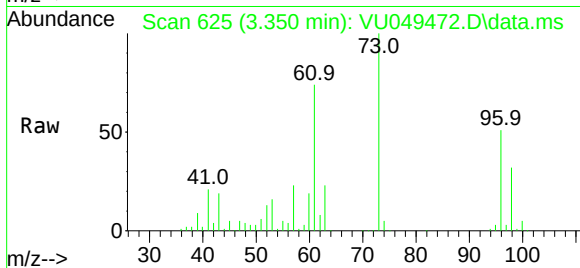
Tgt Ion: 84 Resp: 177796
Ion Ratio Lower Upper
84 100
49 123.2 86.6 129.8
51 38.4 26.6 40.0
86 64.0 50.6 75.8



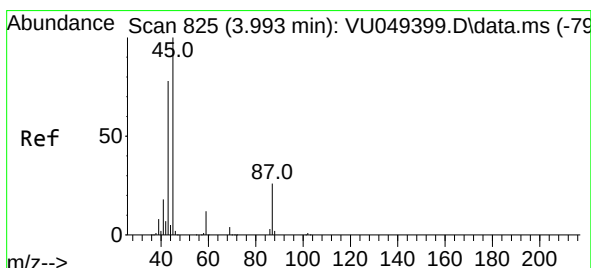
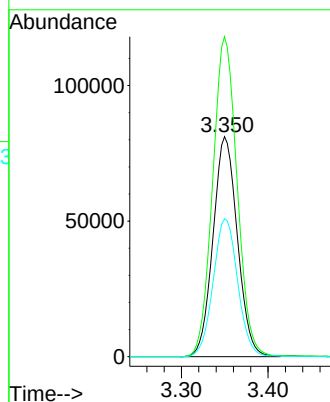
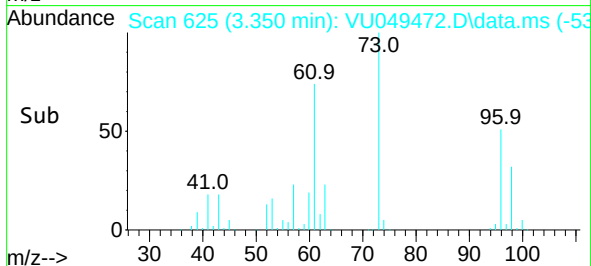


#21
trans-1,2-Dichloroethene
Concen: 49.853 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

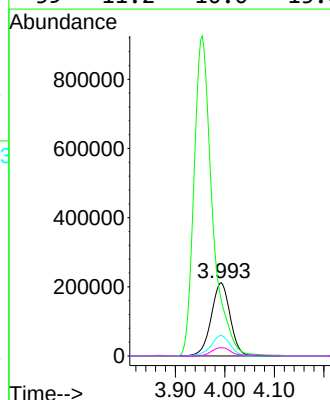
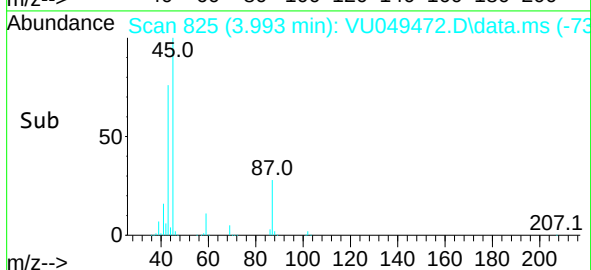
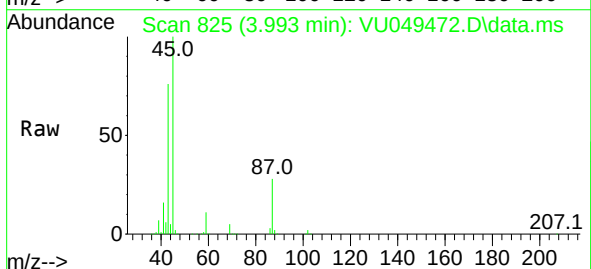


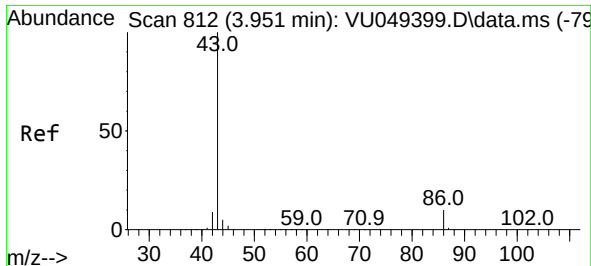
Tgt Ion: 96 Resp: 158519
Ion Ratio Lower Upper
96 100
61 145.4 106.1 159.1
98 62.7 50.8 76.2



#22
Diisopropyl ether
Concen: 49.322 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 45 Resp: 561365
Ion Ratio Lower Upper
45 100
43 74.9 92.9 139.3#
87 28.0 26.2 39.2
59 11.2 10.0 15.0

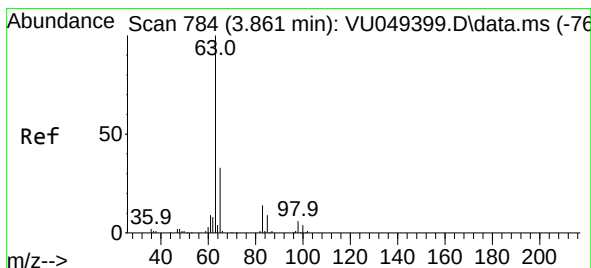
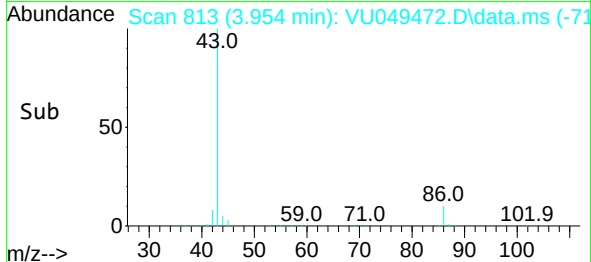
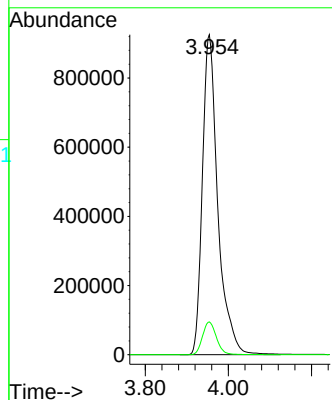
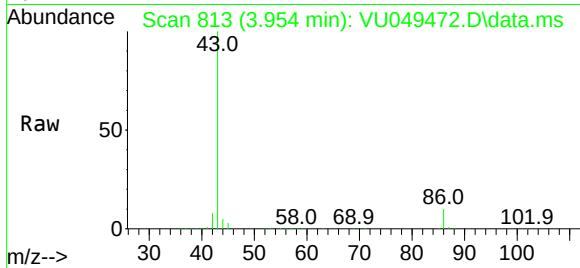




#23
 Vinyl Acetate
 Concen: 238.927 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

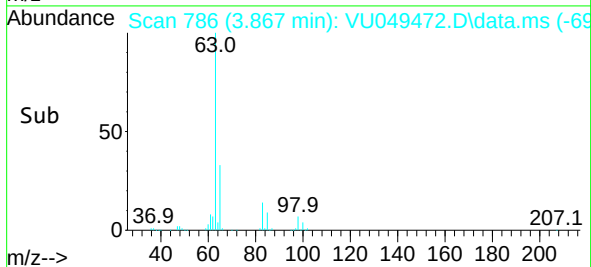
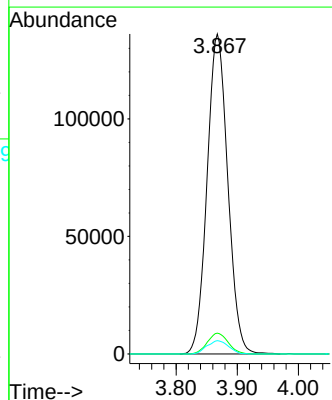
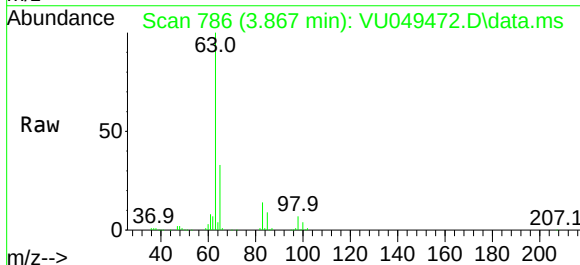
Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

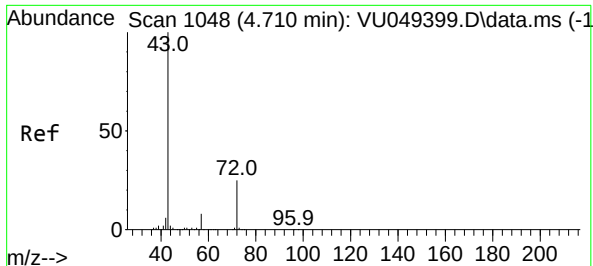
Tgt Ion: 43 Resp: 2383537
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 48.924 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

Tgt Ion: 63 Resp: 319855
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.1 2.4 7.2

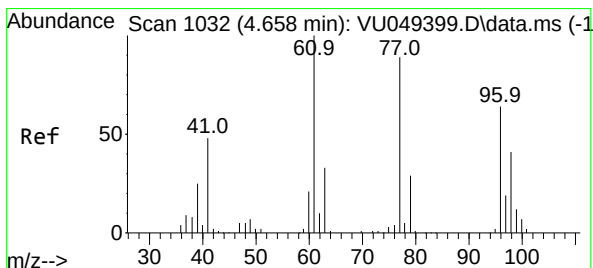
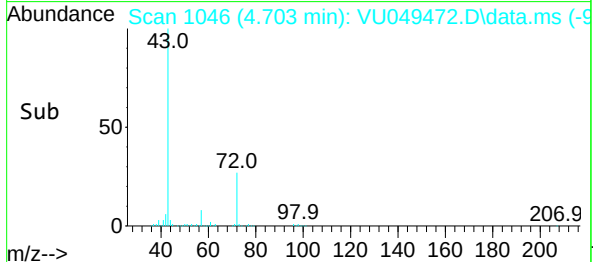
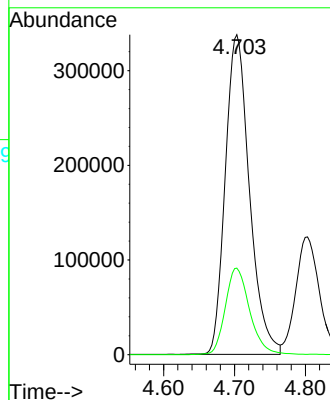
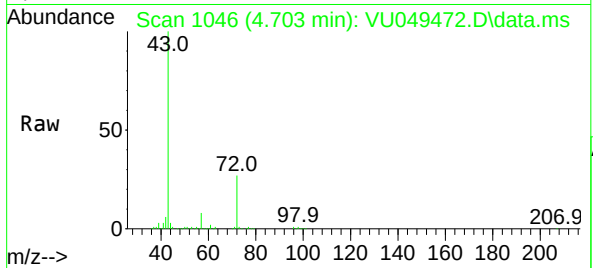




#25
2-Butanone
Concen: 253.432 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

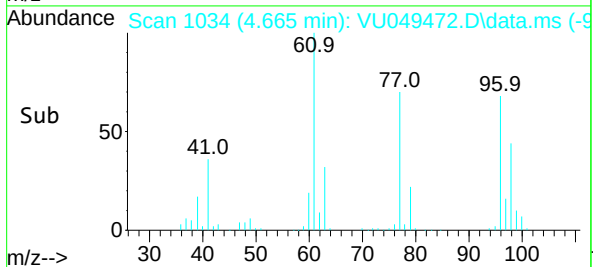
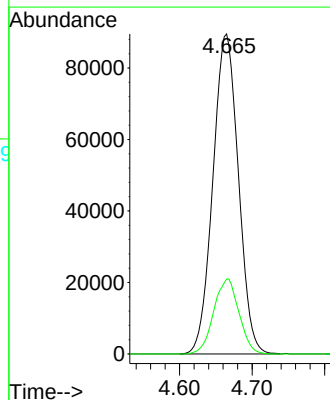
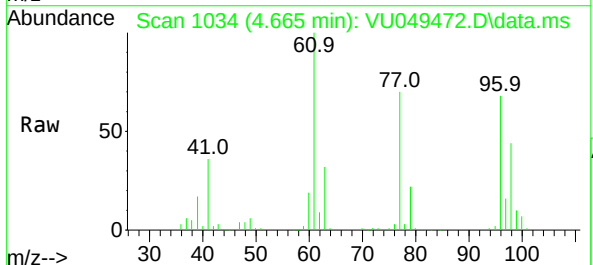
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

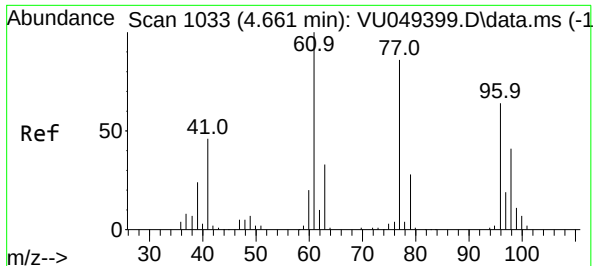
Tgt Ion: 43 Resp: 801070
Ion Ratio Lower Upper
43 100
72 27.1 23.8 35.6



#26
2,2-Dichloropropane
Concen: 40.117 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 77 Resp: 218288
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8

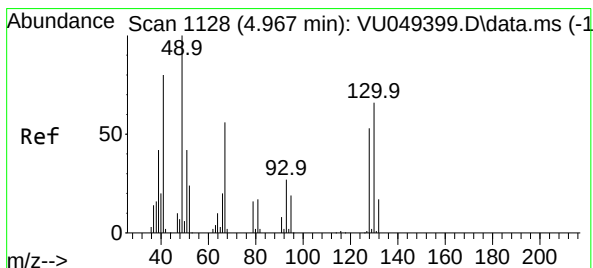
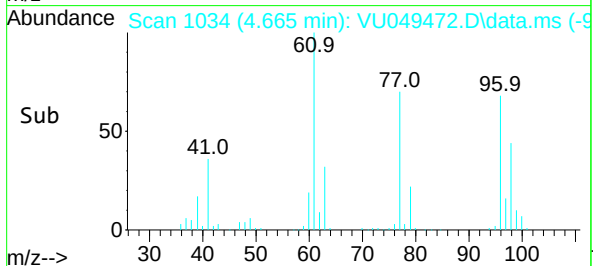
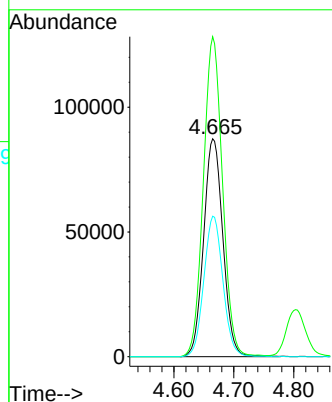
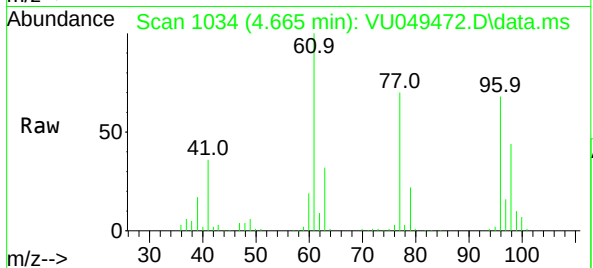




#27
cis-1,2-Dichloroethene
Concen: 53.187 ug/l
RT: 4.665 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

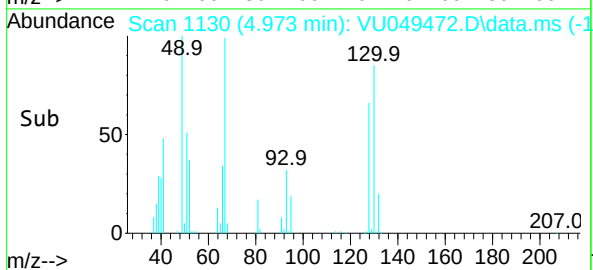
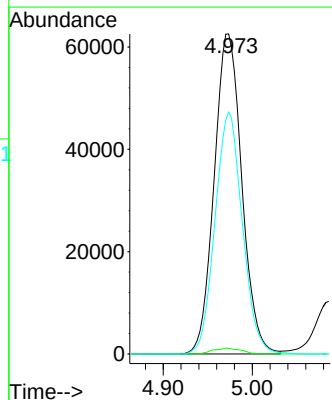
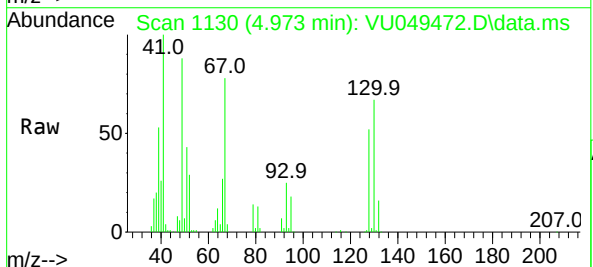
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

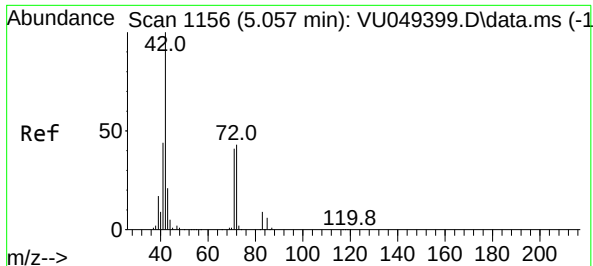
Tgt Ion: 96 Resp: 195398
Ion Ratio Lower Upper
96 100
61 145.6 0.0 271.6
98 63.7 0.0 128.2



#28
Bromochloromethane
Concen: 47.241 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 49 Resp: 135000
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 74.7 76.9 115.3#





#29

Tetrahydrofuran

Concen: 243.278 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

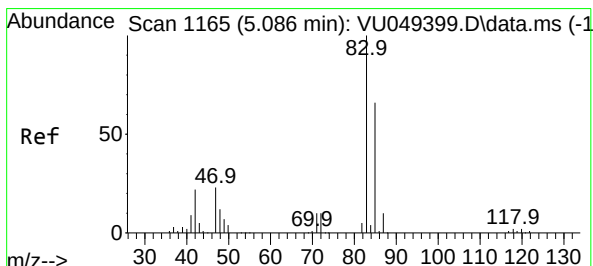
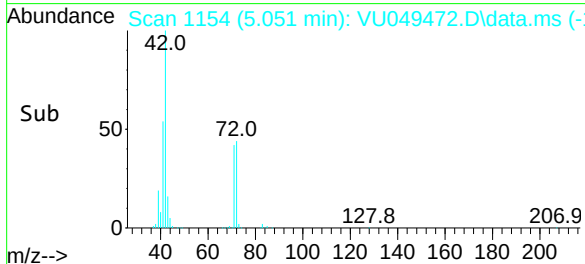
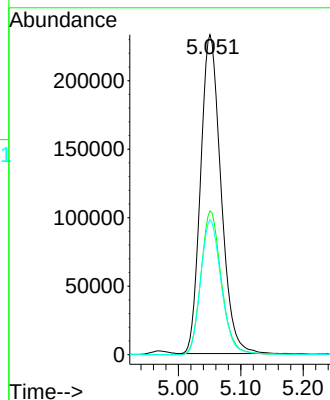
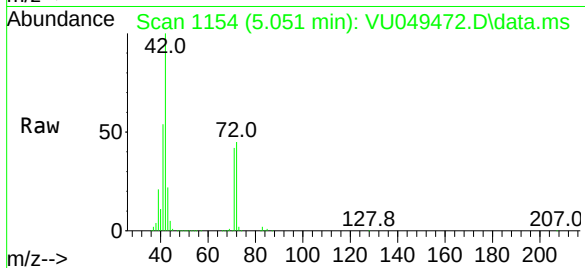
Tgt Ion: 42 Resp: 527525

Ion Ratio Lower Upper

42 100

72 45.4 42.6 63.8

71 42.9 40.3 60.5



#30

Chloroform

Concen: 48.383 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049472.D

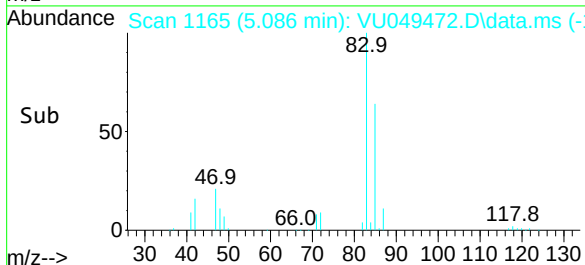
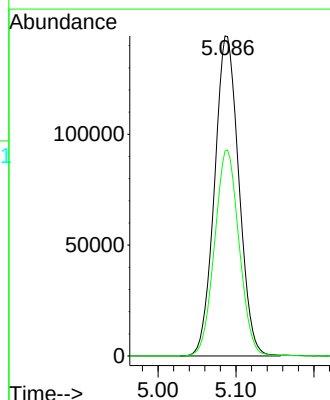
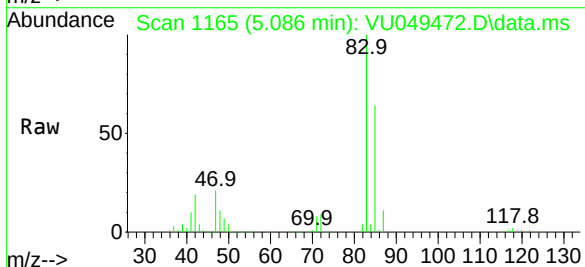
Acq: 28 Jun 2022 20:40

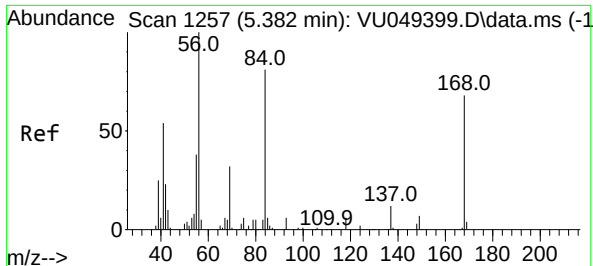
Tgt Ion: 83 Resp: 312901

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

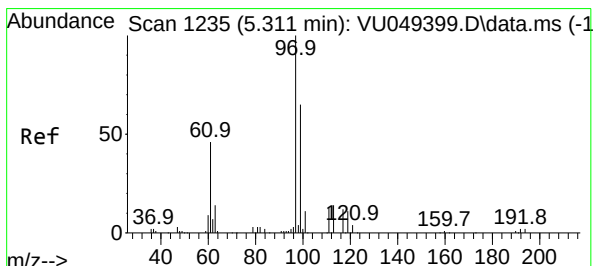
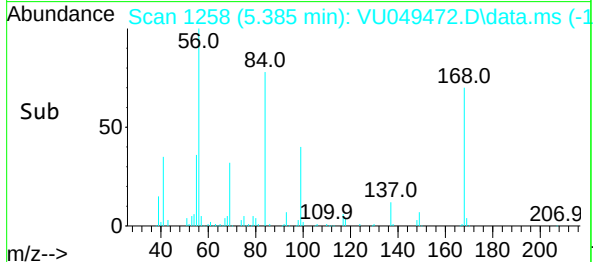
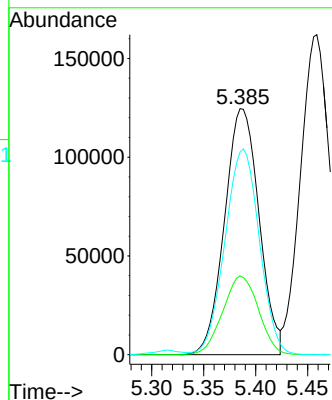
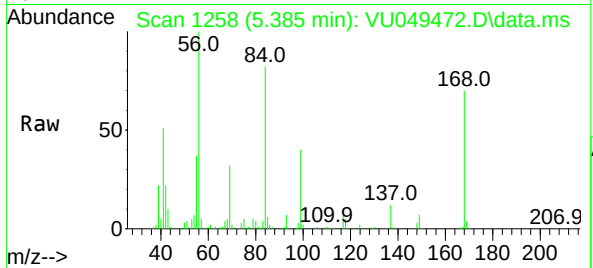




#31
Cyclohexane
Concen: 45.797 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

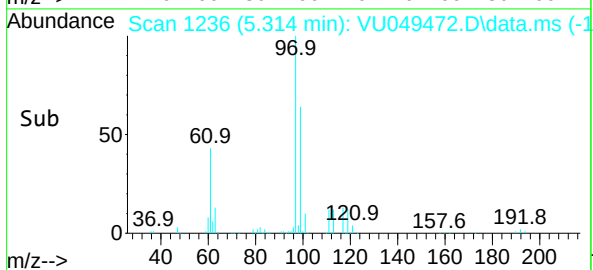
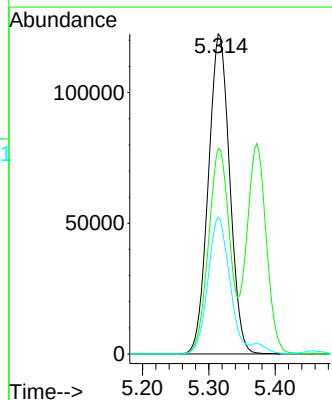
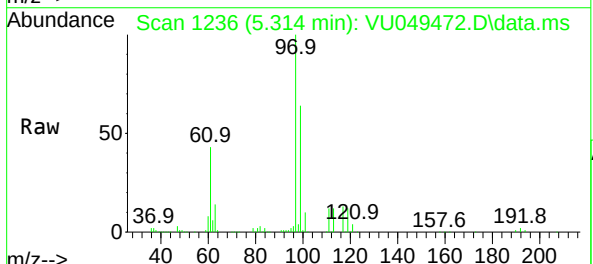
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

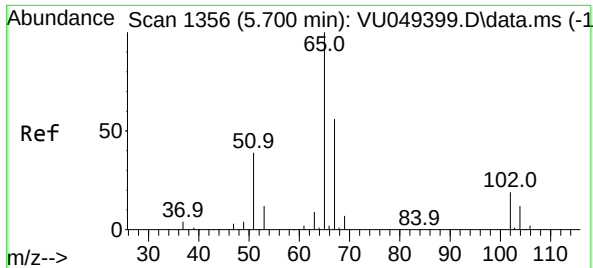
Tgt Ion: 56 Resp: 287607
Ion Ratio Lower Upper
56 100
69 32.0 27.8 41.8
84 81.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.808 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 97 Resp: 273878
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.144 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

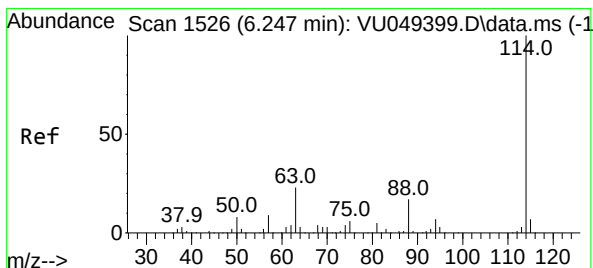
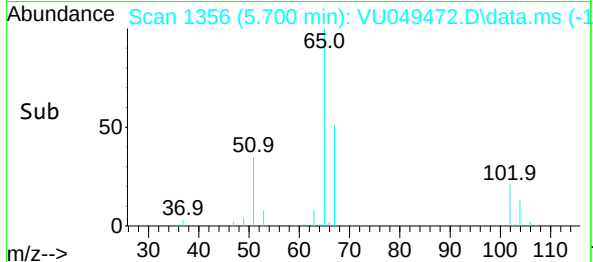
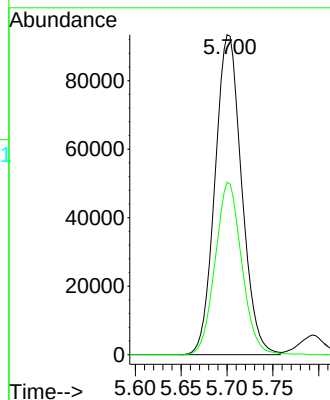
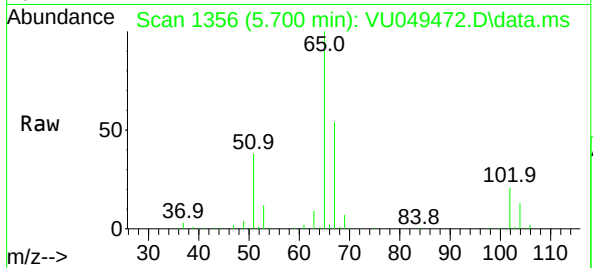
RE114D2-20220622MSD

Tgt Ion: 65 Resp: 188809

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

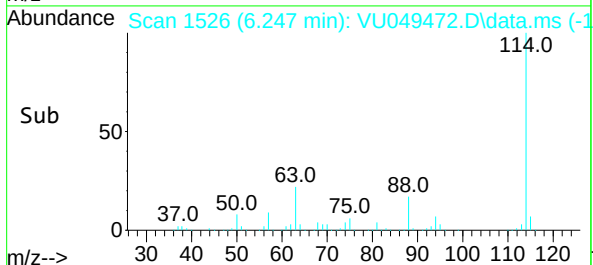
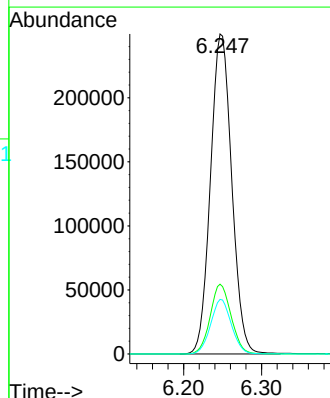
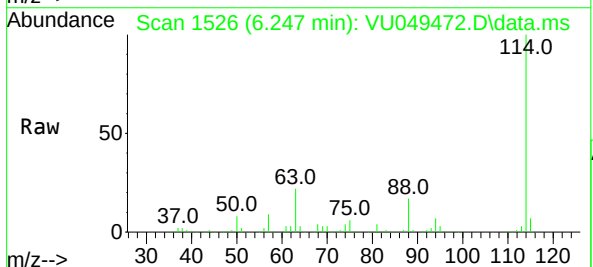
Tgt Ion: 114 Resp: 473116

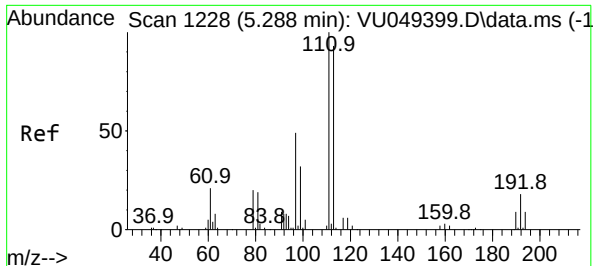
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 17.1 0.0 29.2

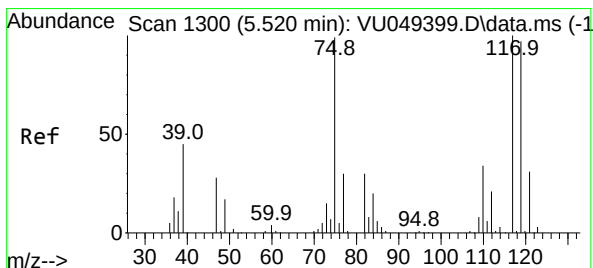
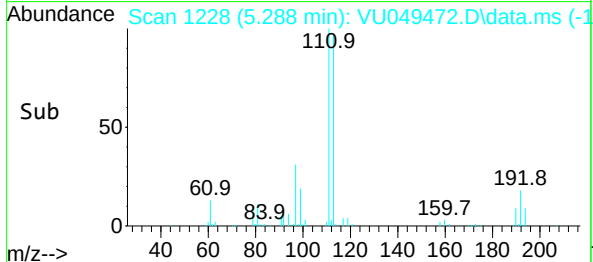
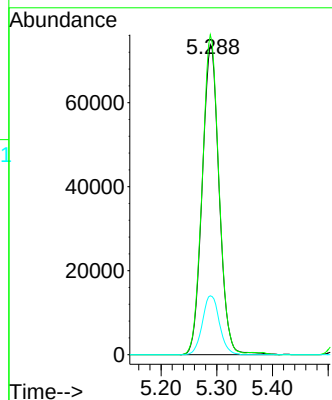
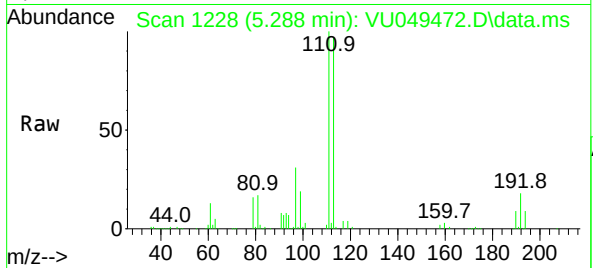




#35
Dibromofluoromethane
Concen: 47.106 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

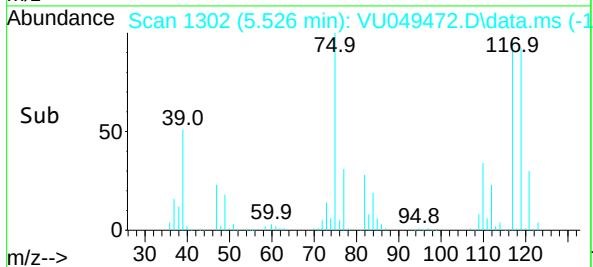
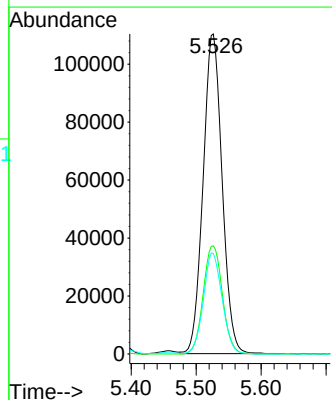
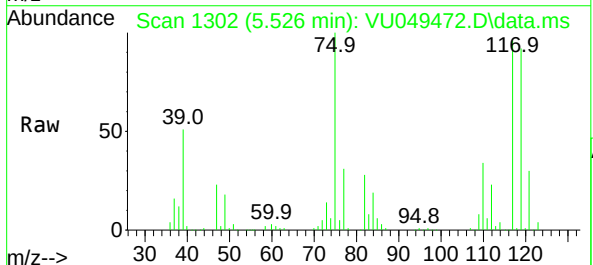
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

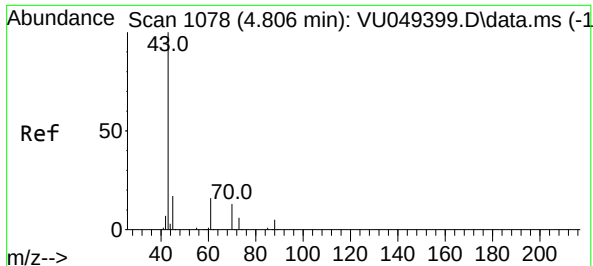
Tgt Ion:113 Resp: 155924
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 19.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 46.821 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 75 Resp: 224716
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 44.477 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

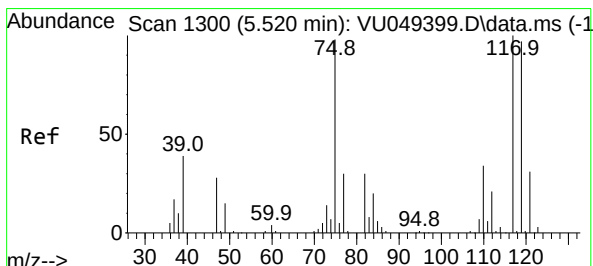
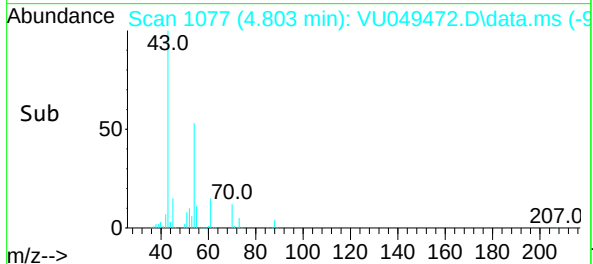
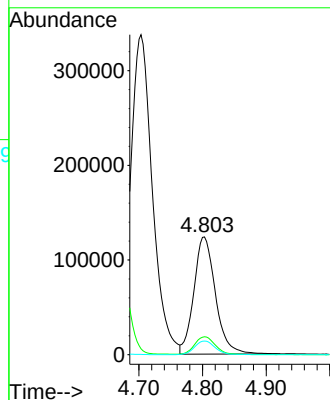
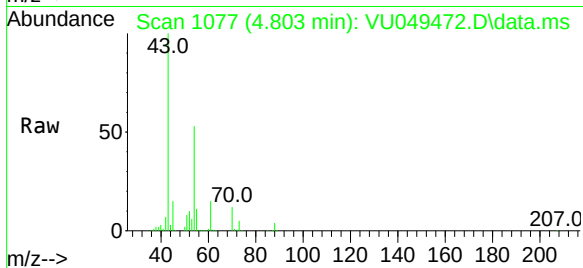
Tgt Ion: 43 Resp: 291695

Ion Ratio Lower Upper

43 100

61 14.6 9.5 14.3#

70 11.1 7.5 11.3



#38

Carbon Tetrachloride

Concen: 46.119 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

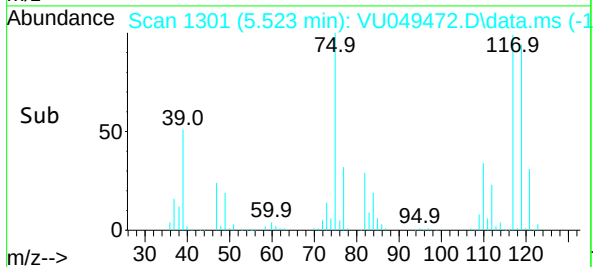
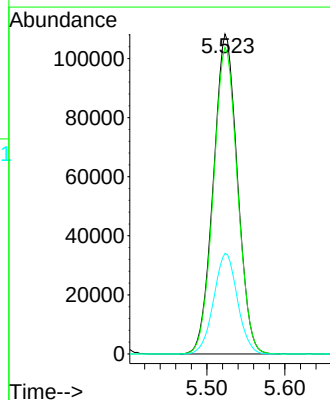
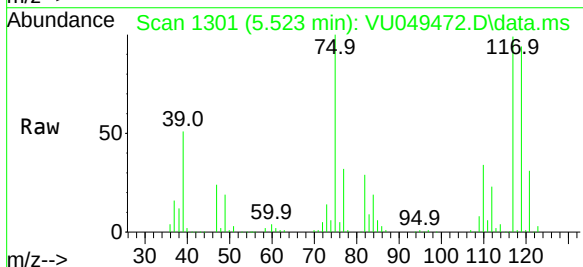
Tgt Ion: 117 Resp: 232140

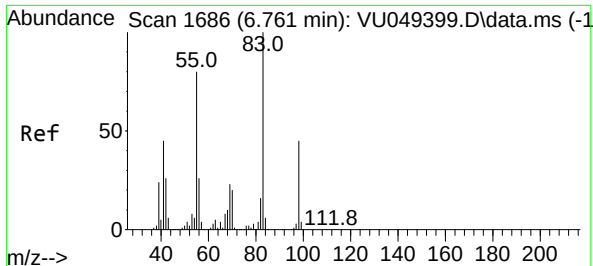
Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2

121 31.4 24.7 37.1





#39

Methylcyclohexane

Concen: 46.928 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

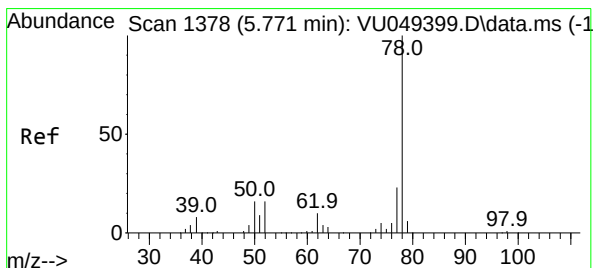
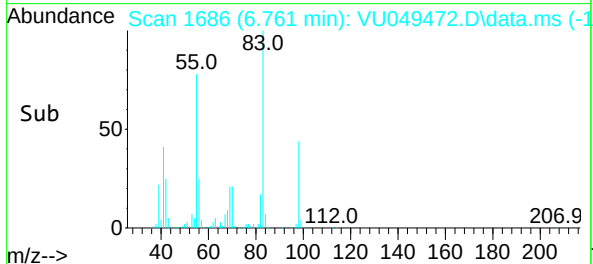
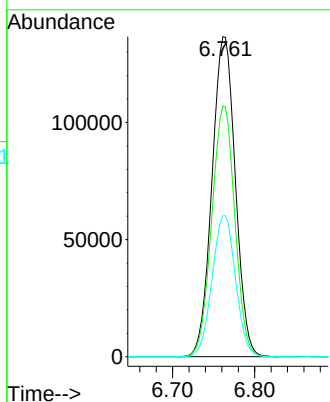
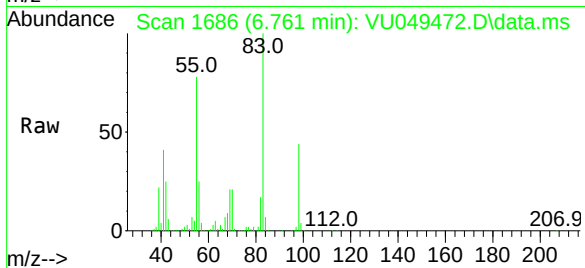
Tgt Ion: 83 Resp: 269970

Ion Ratio Lower Upper

83 100

55 78.3 55.3 82.9

98 44.0 37.3 55.9



#40

Benzene

Concen: 48.019 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049472.D

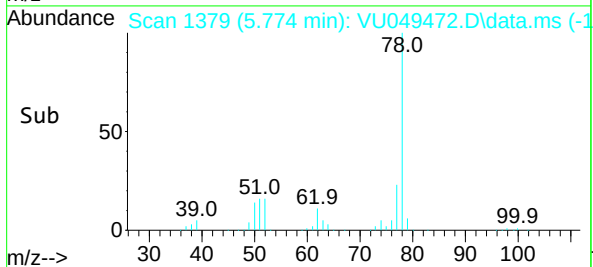
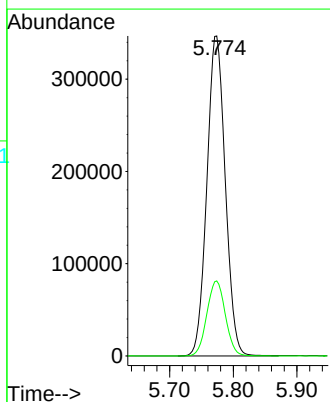
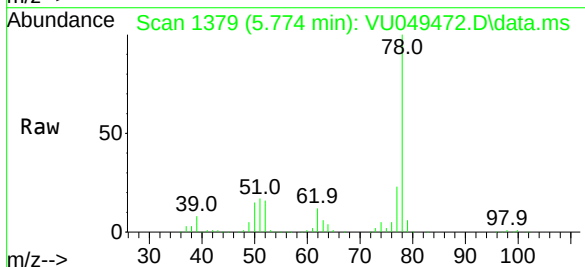
Acq: 28 Jun 2022 20:40

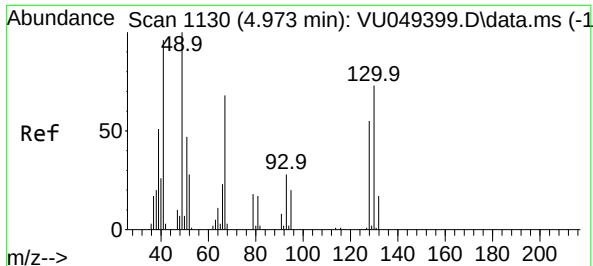
Tgt Ion: 78 Resp: 695812

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

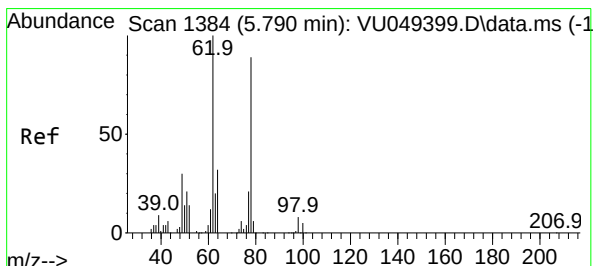
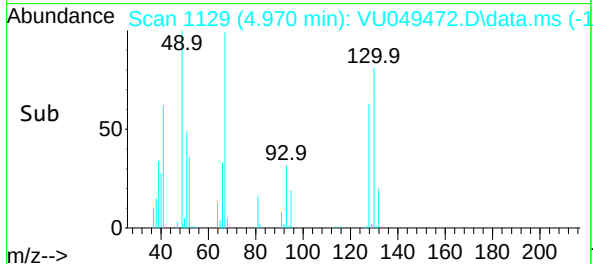
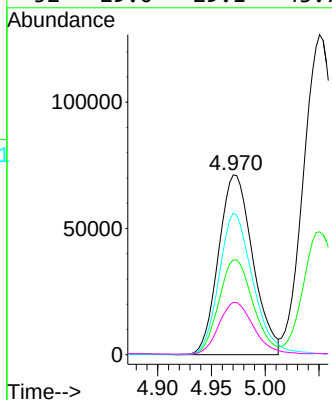
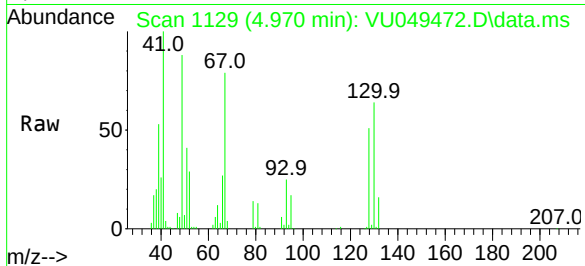




#41
Methacrylonitrile
Concen: 48.027 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

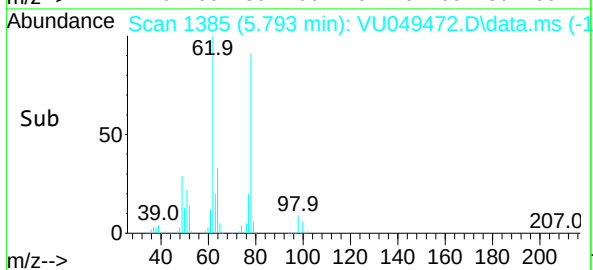
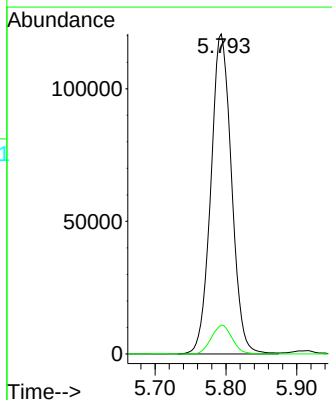
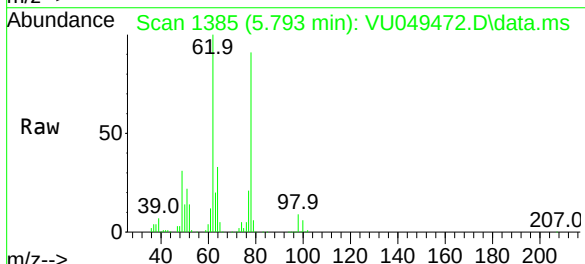
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

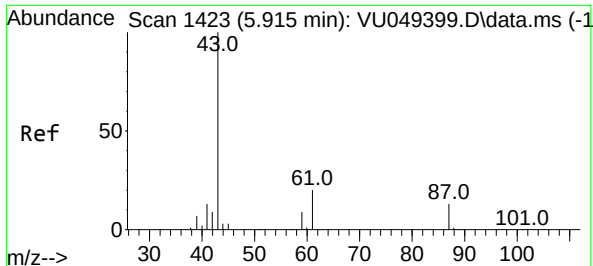
Tgt Ion: 41 Resp: 157830
Ion Ratio Lower Upper
41 100
39 52.8 43.1 64.7
67 78.3 72.3 108.5
52 29.0 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 45.368 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 62 Resp: 244672
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 46.041 ug/l

RT: 5.912 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

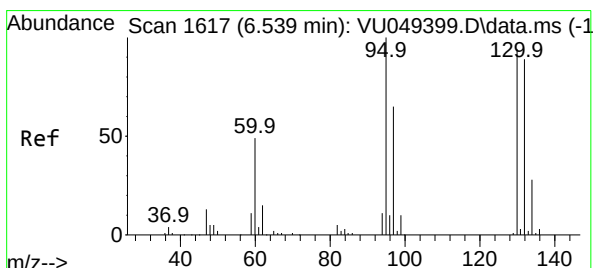
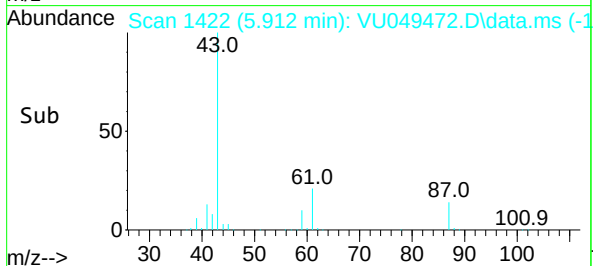
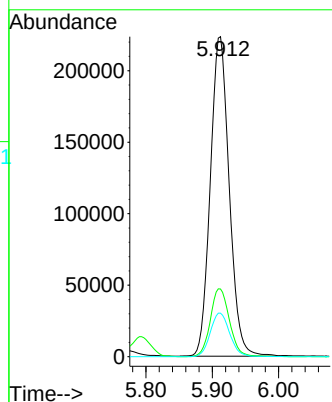
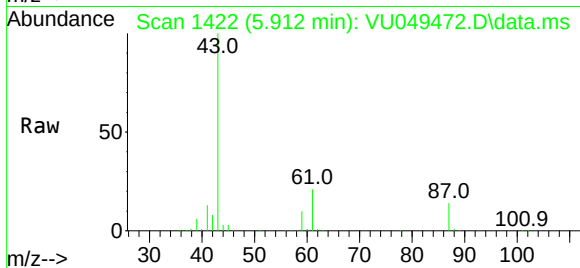
Tgt Ion: 43 Resp: 442447

Ion Ratio Lower Upper

43 100

61 21.6 17.4 26.0

87 14.0 12.6 18.8



#44

Trichloroethene

Concen: 120.421 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049472.D

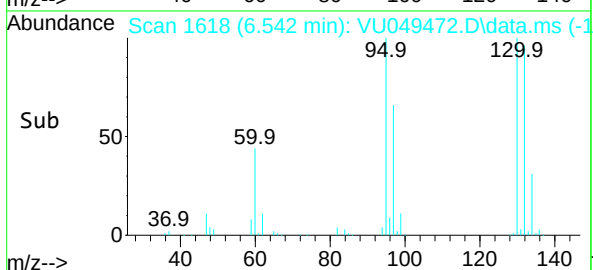
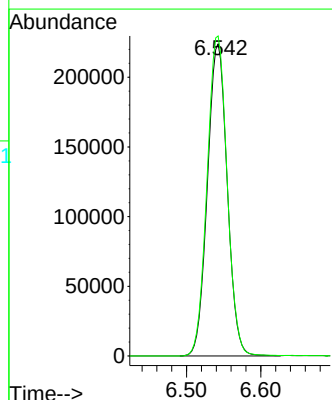
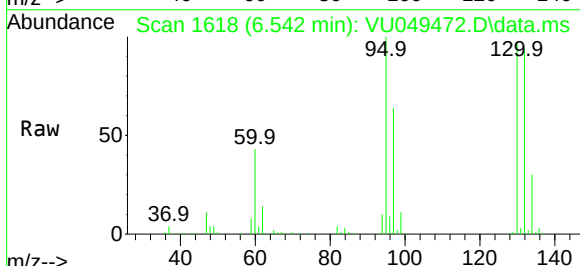
Acq: 28 Jun 2022 20:40

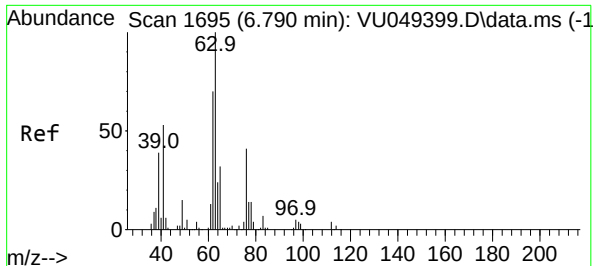
Tgt Ion:130 Resp: 414812

Ion Ratio Lower Upper

130 100

95 102.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 47.091 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

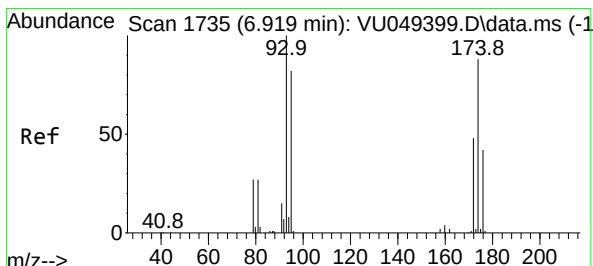
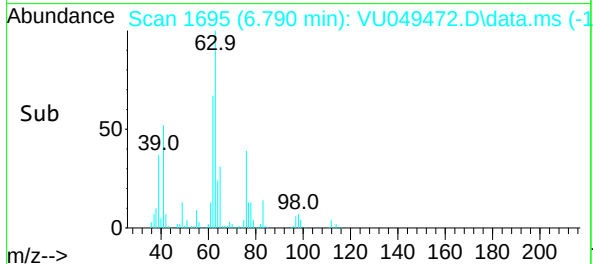
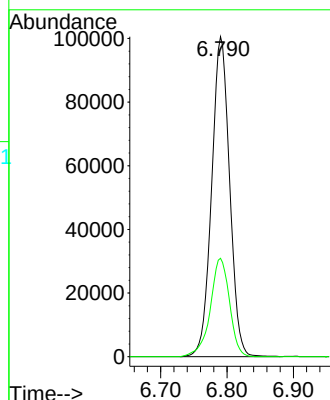
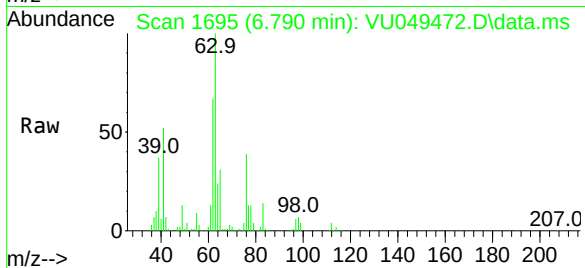
RE114D2-20220622MSD

Tgt Ion: 63 Resp: 189078

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 47.530 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

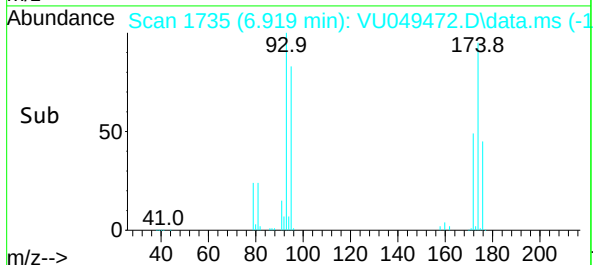
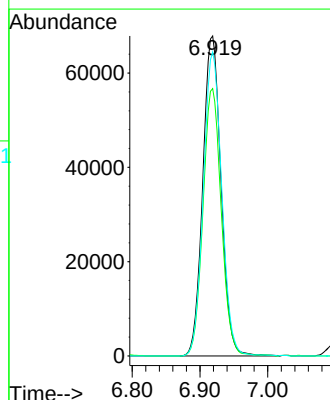
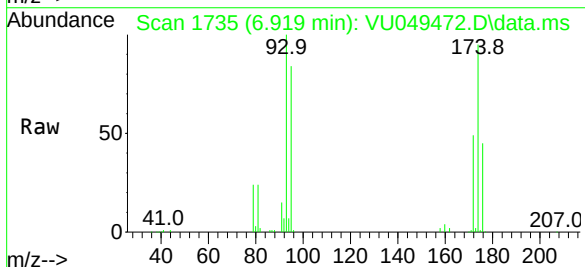
Tgt Ion: 93 Resp: 127237

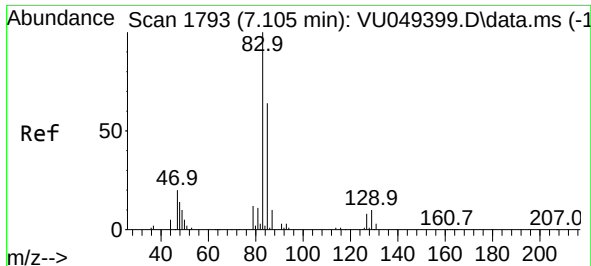
Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

174 95.4 88.2 132.4

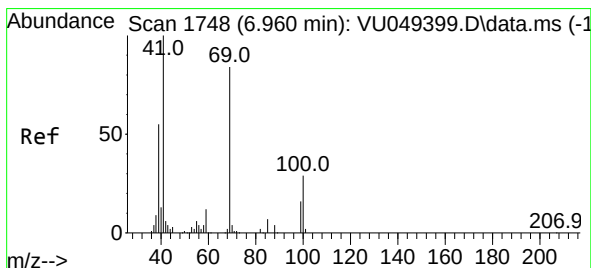
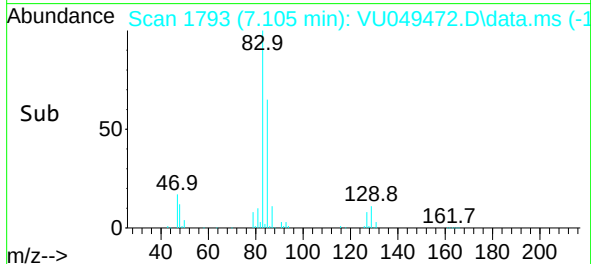
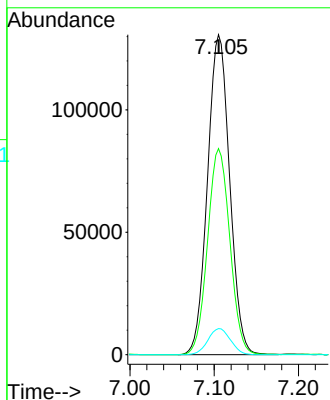
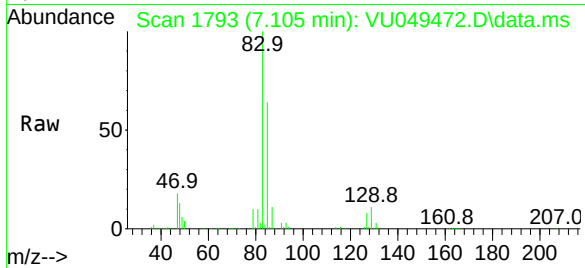




#47
Bromodichloromethane
Concen: 46.371 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

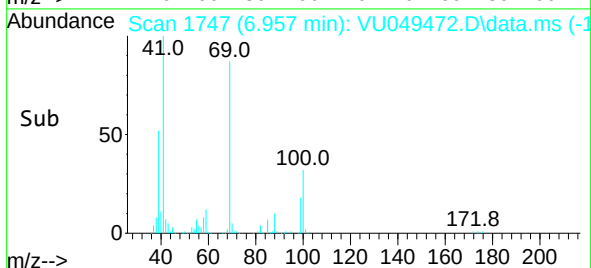
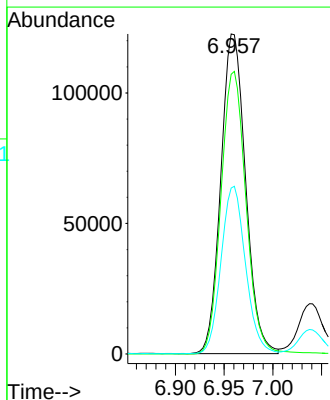
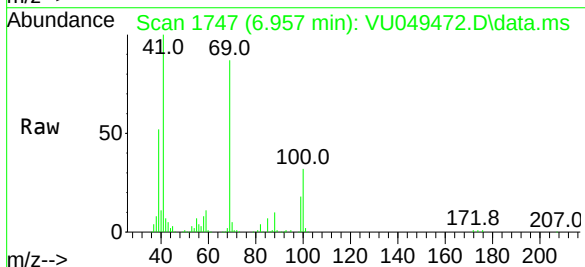
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

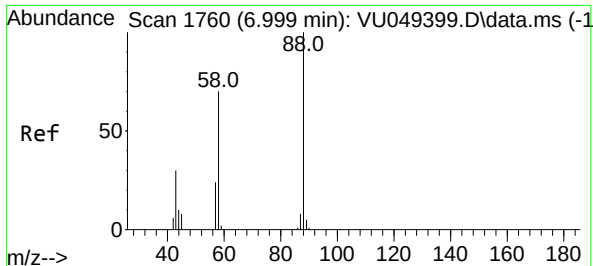
Tgt Ion: 83 Resp: 238923
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 48.167 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 41 Resp: 216923
Ion Ratio Lower Upper
41 100
69 89.5 79.8 119.6
39 51.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1086.817 ug/l

RT: 6.980 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

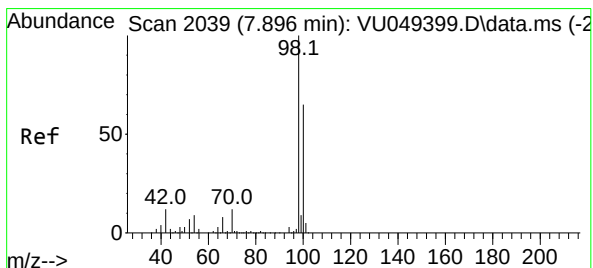
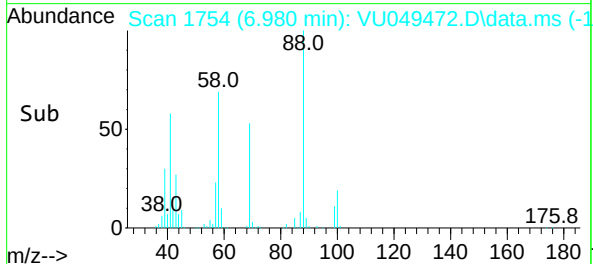
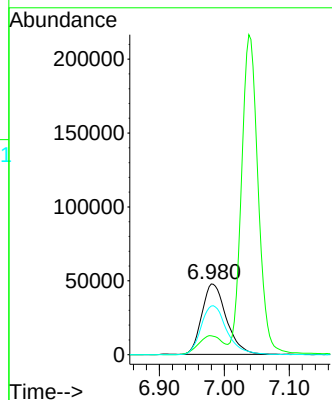
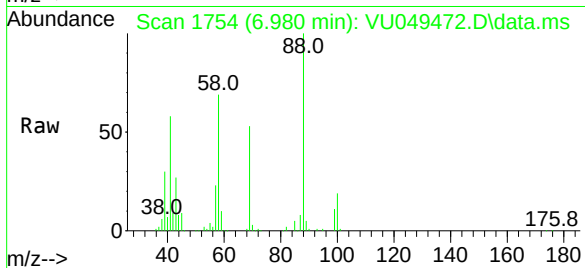
Tgt Ion: 88 Resp: 125396

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 73.2 15.4 23.0#



#50

Toluene-d8

Concen: 47.374 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049472.D

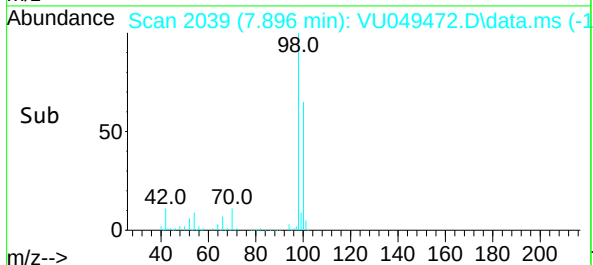
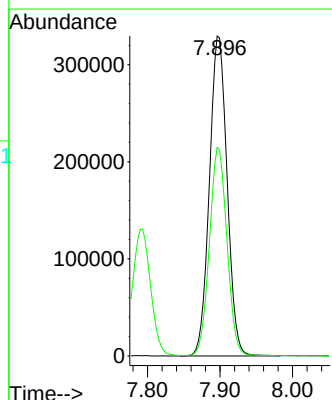
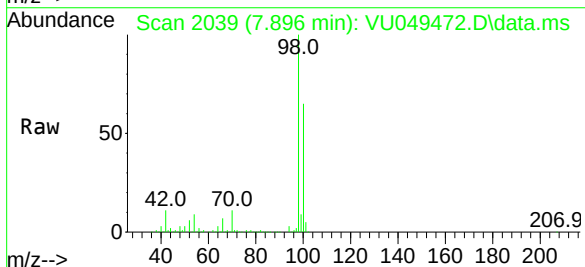
Acq: 28 Jun 2022 20:40

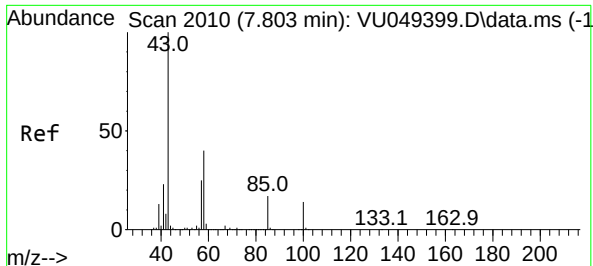
Tgt Ion: 98 Resp: 559301

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 233.892 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

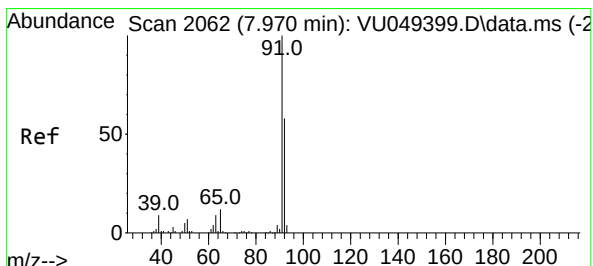
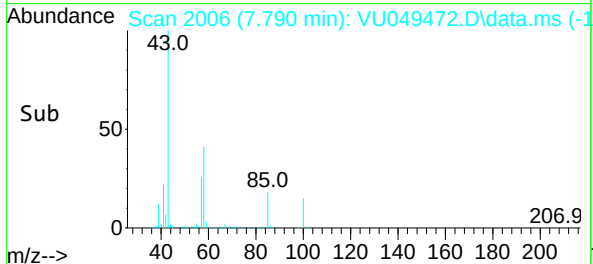
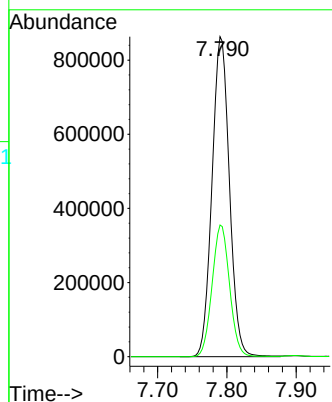
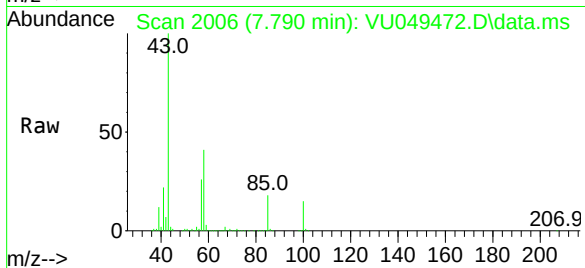
RE114D2-20220622MSD

Tgt Ion: 43 Resp: 1504261

Ion Ratio Lower Upper

43 100

58 41.3 34.7 52.1



#52

Toluene

Concen: 48.443 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049472.D

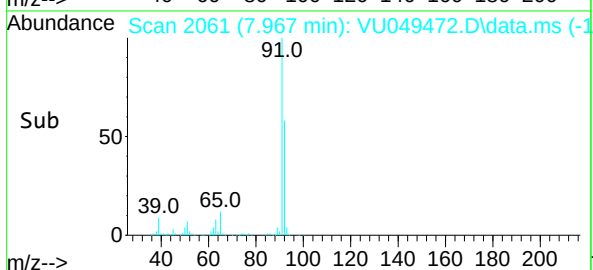
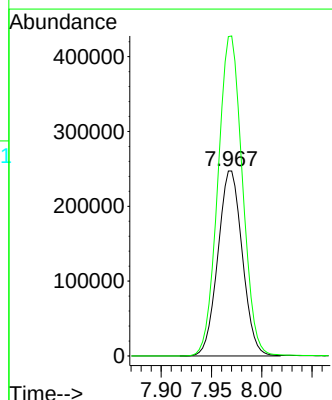
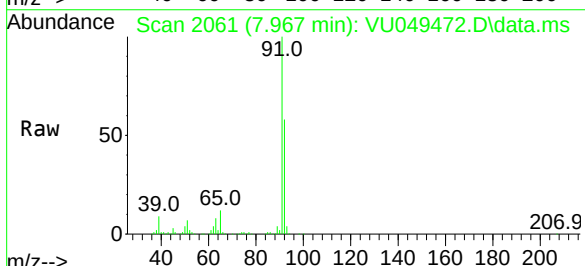
Acq: 28 Jun 2022 20:40

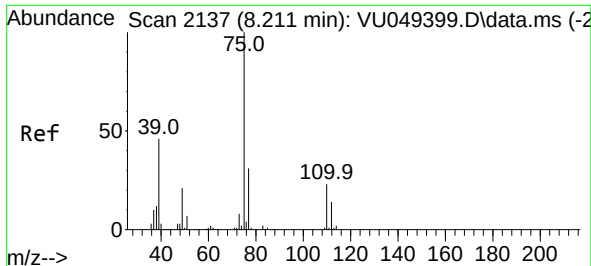
Tgt Ion: 92 Resp: 417214

Ion Ratio Lower Upper

92 100

91 174.5 138.2 207.4

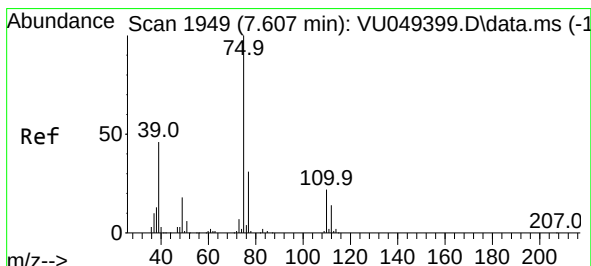
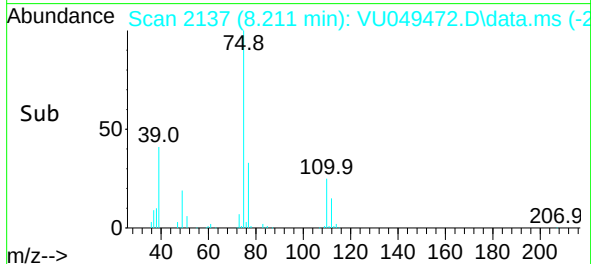
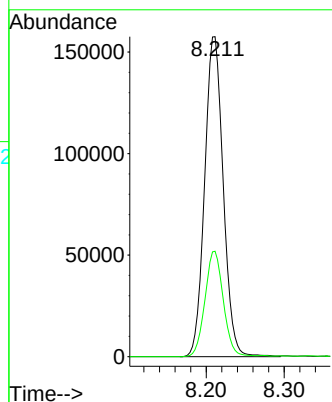
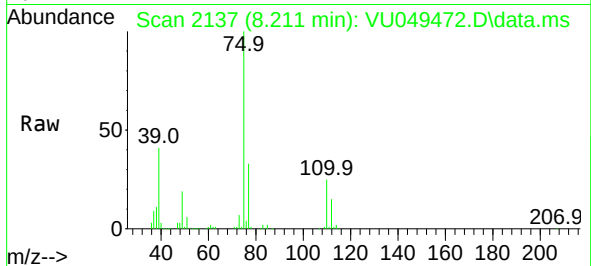




#53
 t-1,3-Dichloropropene
 Concen: 47.232 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

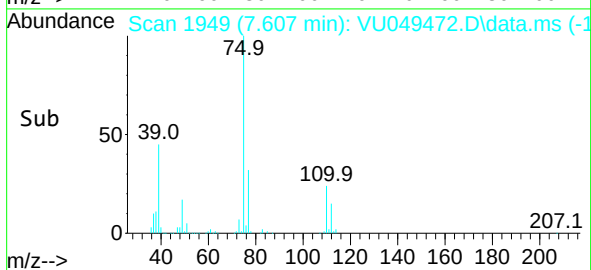
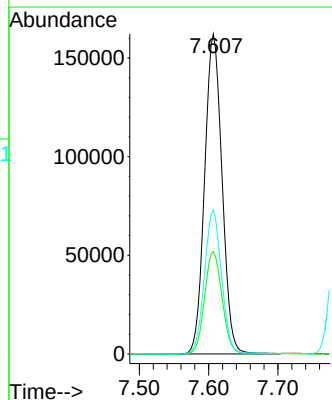
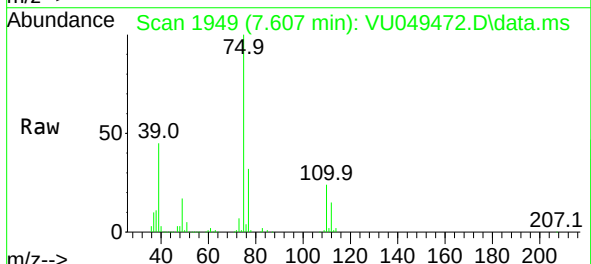
Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

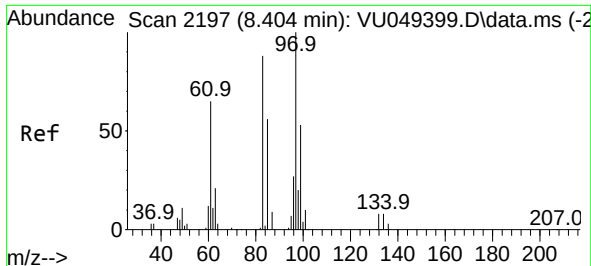
Tgt Ion: 75 Resp: 261044
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 47.939 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

Tgt Ion: 75 Resp: 282893
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 44.9 33.0 49.6

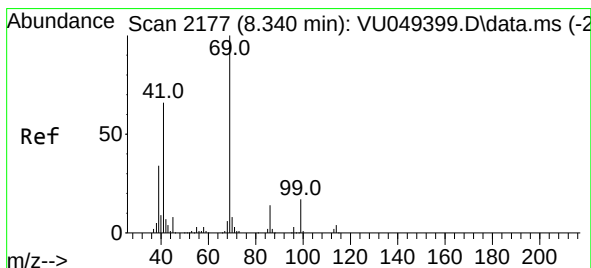
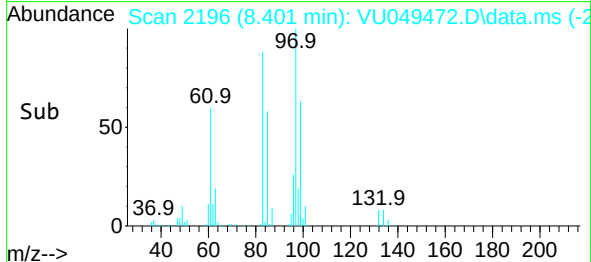
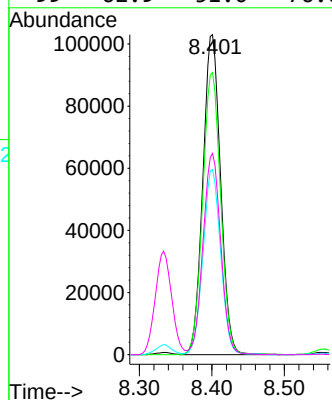
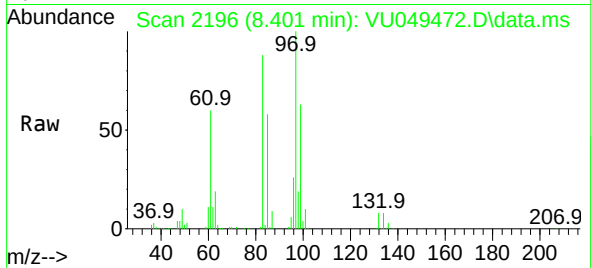




#55
1,1,2-Trichloroethane
Concen: 49.045 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

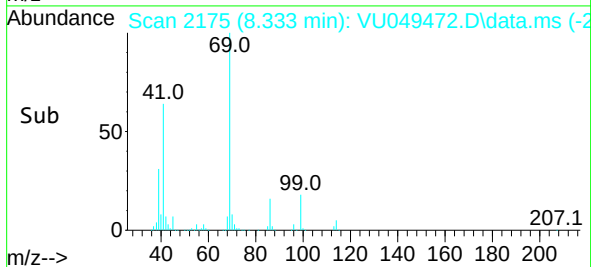
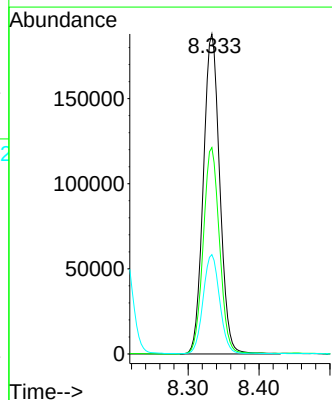
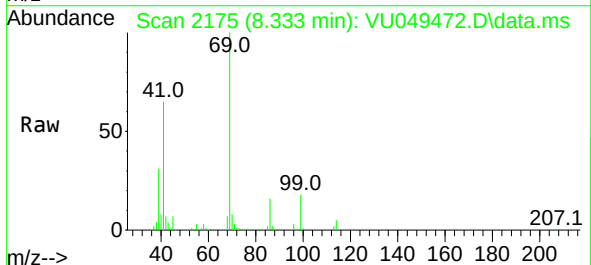
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

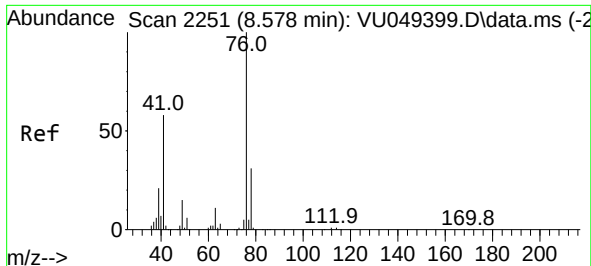
Tgt Ion:	97	Resp:	174643
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.2	105.4
85	57.9	44.6	66.8
99	62.9	51.0	76.6



#56
Ethyl methacrylate
Concen: 50.804 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:	69	Resp:	302577
Ion	Ratio	Lower	Upper
69	100		
41	64.2	45.4	68.0
39	31.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 47.712 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

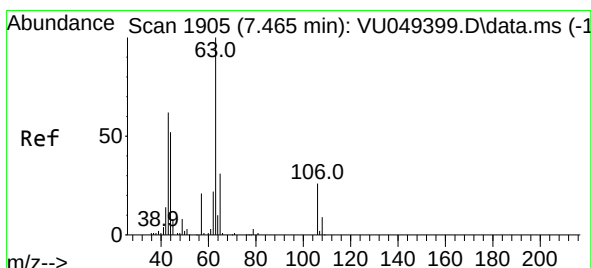
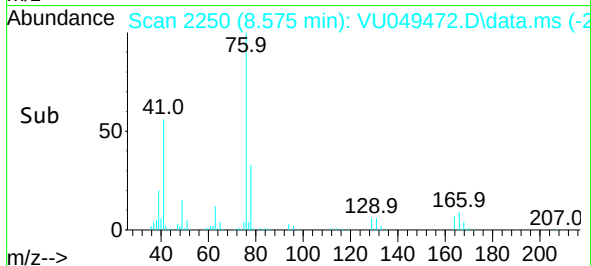
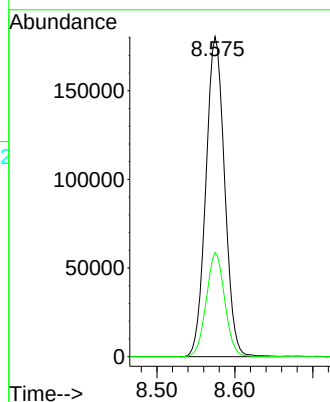
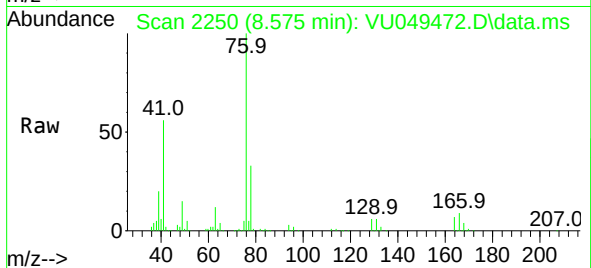
RE114D2-20220622MSD

Tgt Ion: 76 Resp: 301382

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 13.184 ug/l

RT: 7.443 min Scan# 1898

Delta R.T. -0.022 min

Lab File: VU049472.D

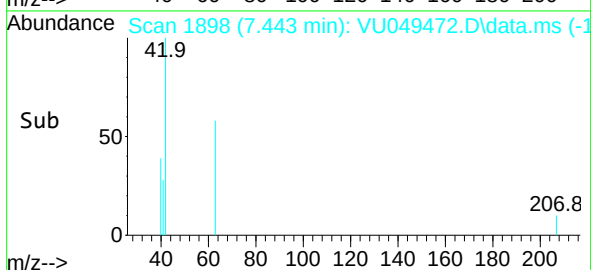
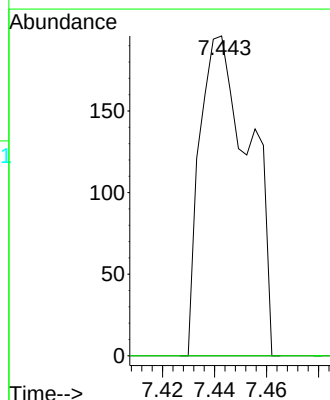
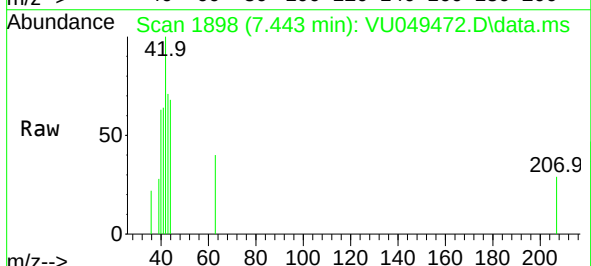
Acq: 28 Jun 2022 20:40

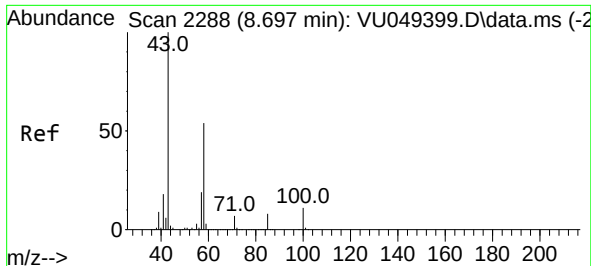
Tgt Ion: 63 Resp: 261

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#

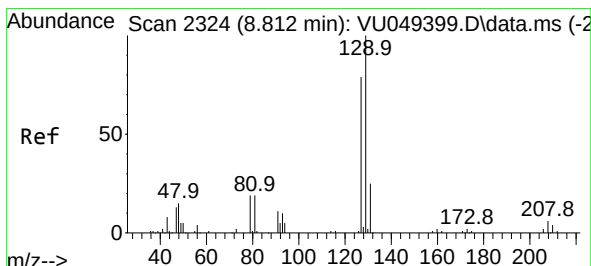
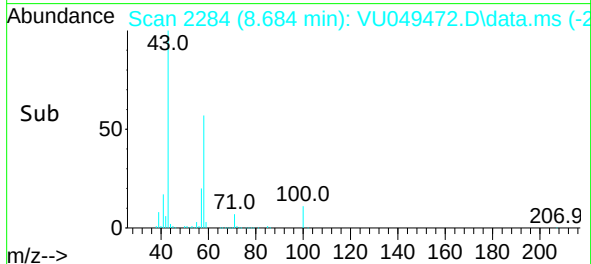
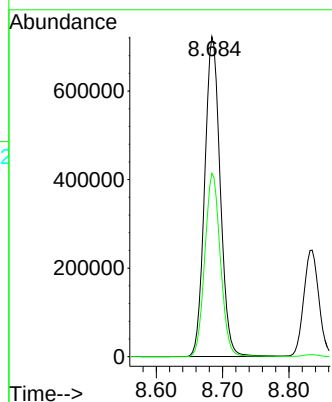
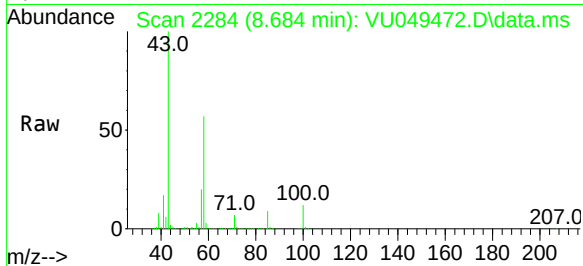




#59
2-Hexanone
Concen: 233.111 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

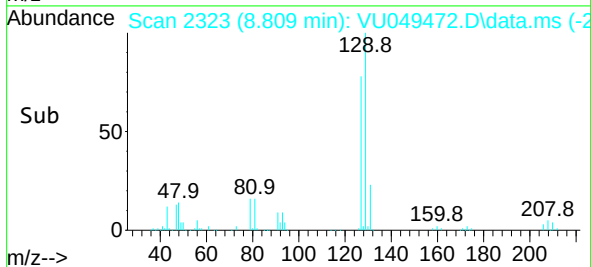
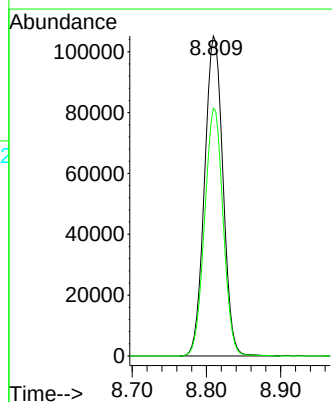
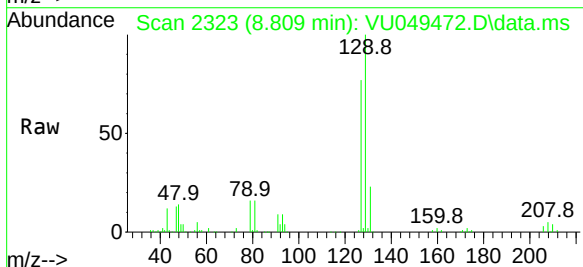
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

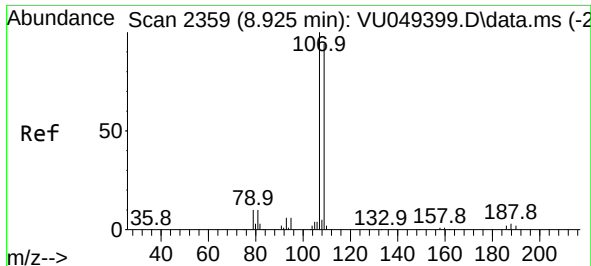
Tgt Ion: 43 Resp: 1178980
Ion Ratio Lower Upper
43 100
58 57.2 30.3 90.8



#60
Dibromochloromethane
Concen: 48.816 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 129 Resp: 180765
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

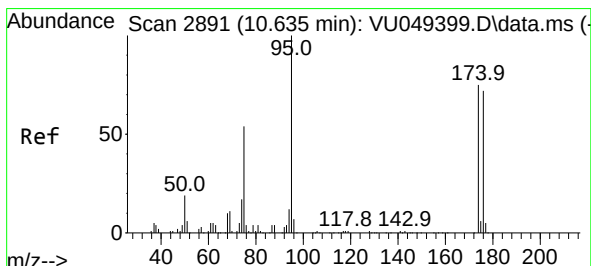
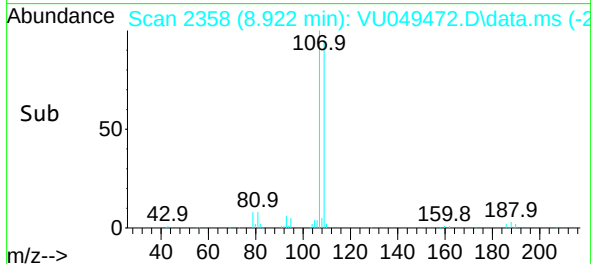
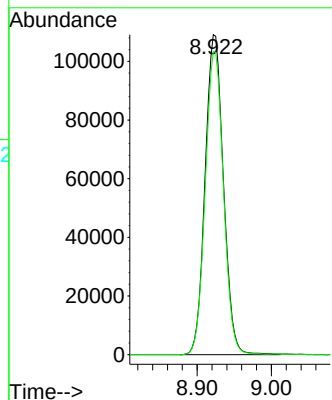
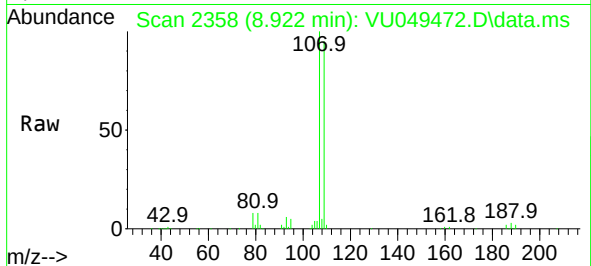




#61
1,2-Dibromoethane
Concen: 48.136 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

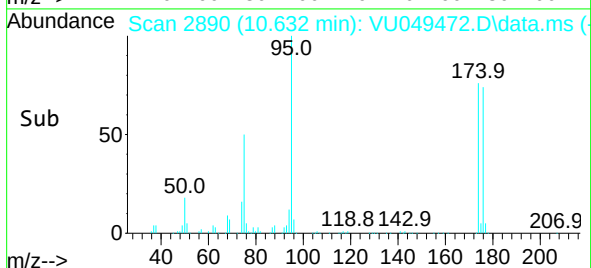
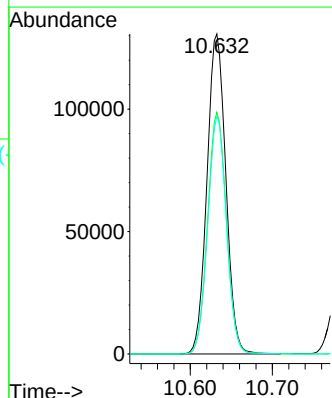
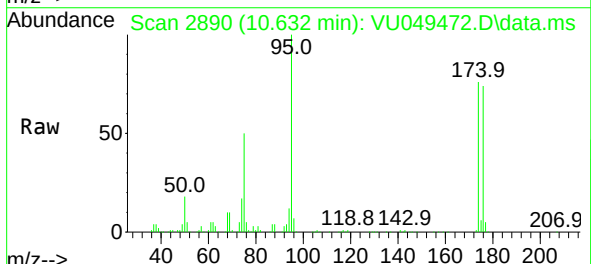
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

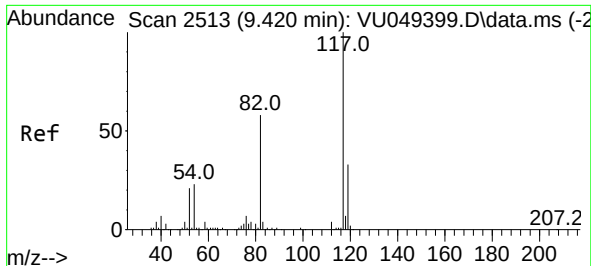
Tgt Ion:107 Resp: 186792
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 95 Resp: 208629
Ion Ratio Lower Upper
95 100
174 75.5 0.0 182.0
176 73.3 0.0 177.8

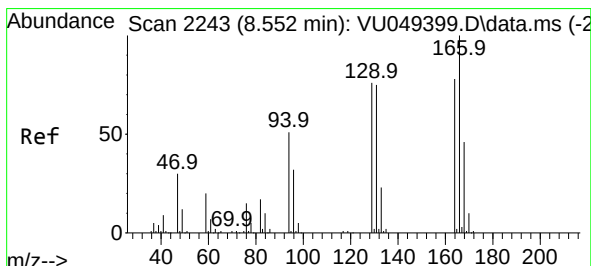
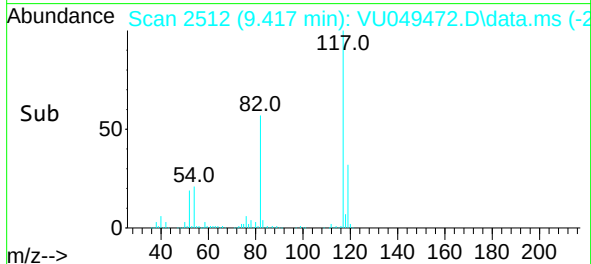
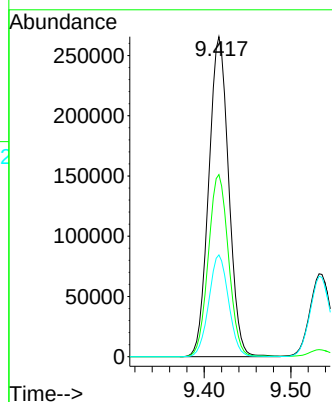
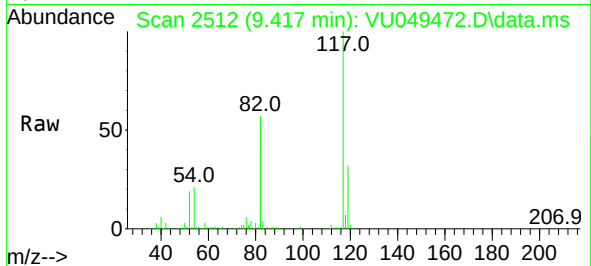




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

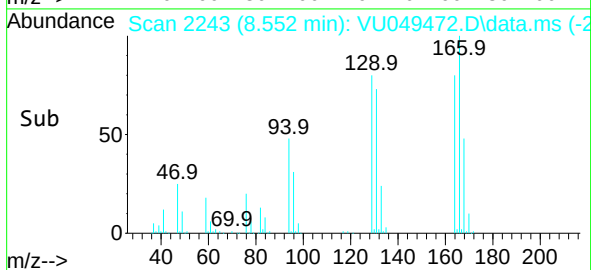
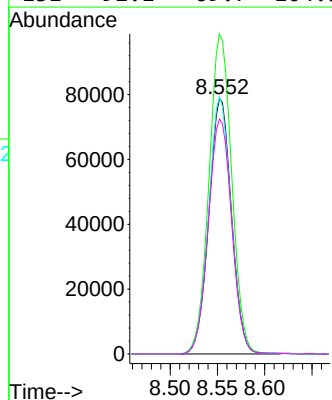
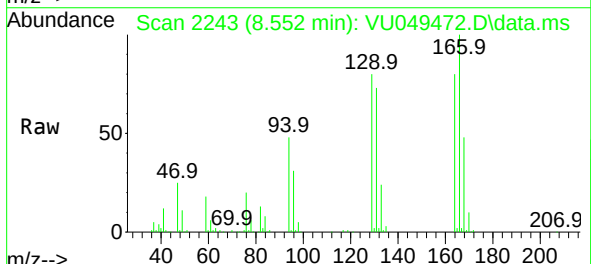
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

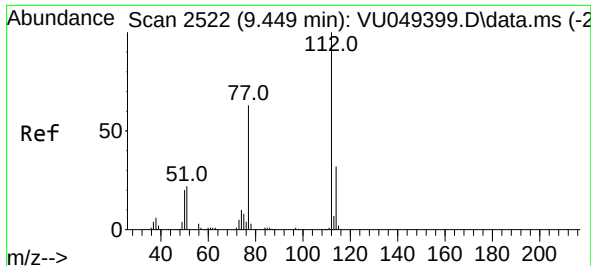
Tgt Ion:117 Resp: 425383
Ion Ratio Lower Upper
117 100
82 56.9 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 48.048 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:164 Resp: 131093
Ion Ratio Lower Upper
164 100
166 125.3 100.0 150.0
129 100.7 72.0 108.0
131 92.1 69.7 104.5

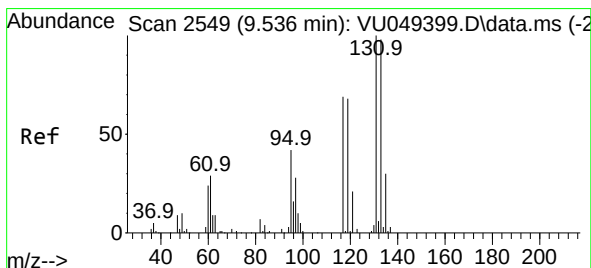
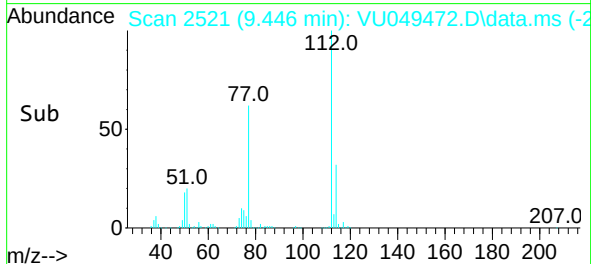
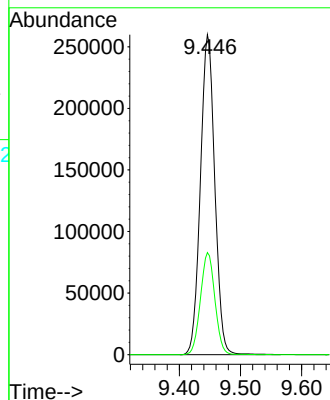
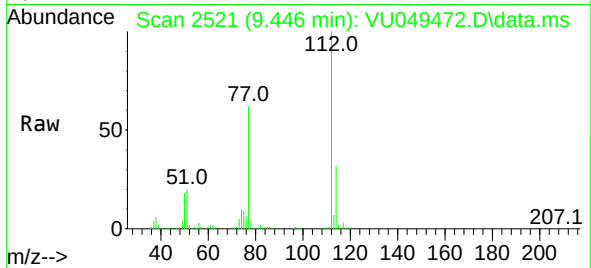




#65
Chlorobenzene
Concen: 48.835 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

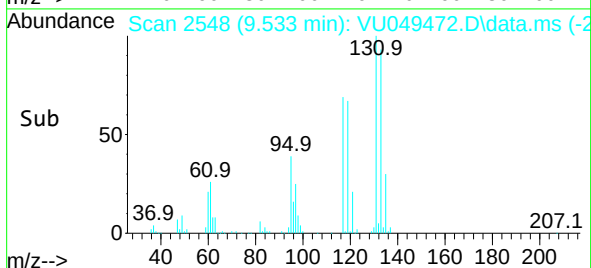
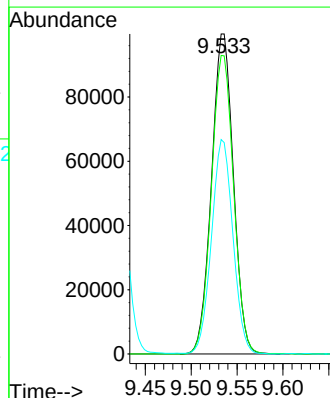
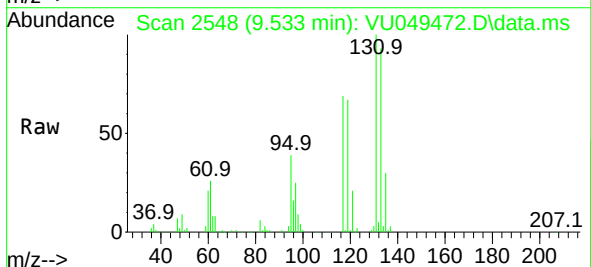
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

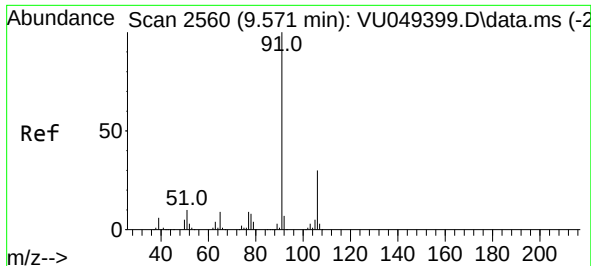
Tgt Ion:112 Resp: 424688
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.384 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:131 Resp: 165292
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.0
119 65.8 33.9 101.6





#67

Ethyl Benzene

Concen: 49.643 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

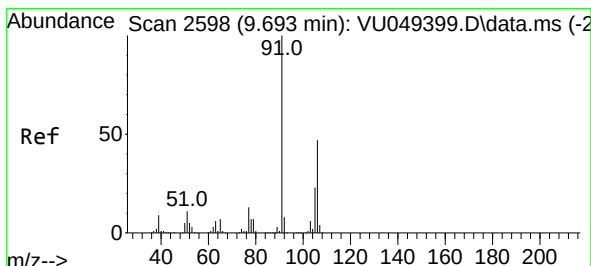
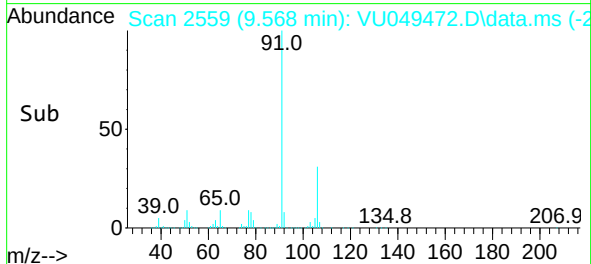
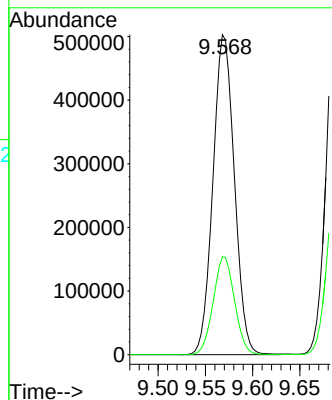
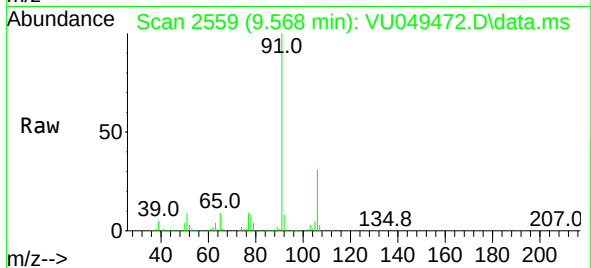
RE114D2-20220622MSD

Tgt Ion: 91 Resp: 792565

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 100.351 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049472.D

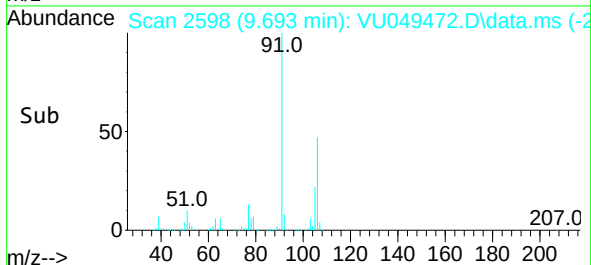
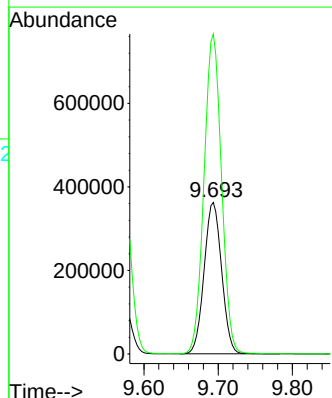
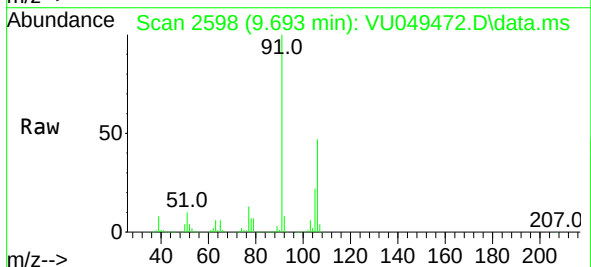
Acq: 28 Jun 2022 20:40

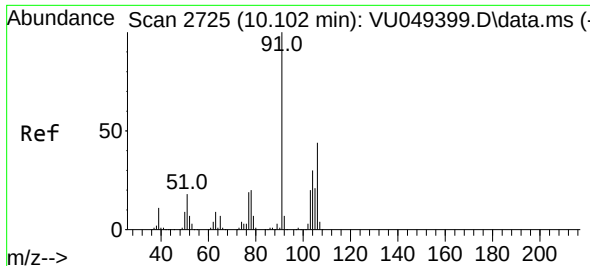
Tgt Ion:106 Resp: 592795

Ion Ratio Lower Upper

106 100

91 211.0 157.2 235.8

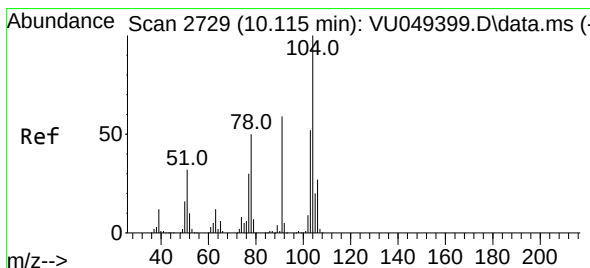
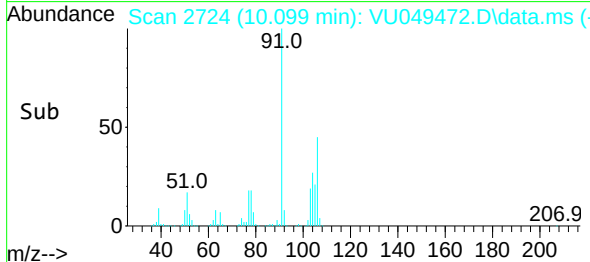
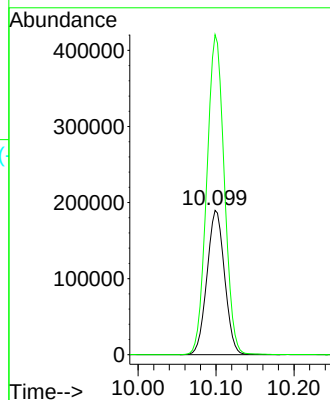
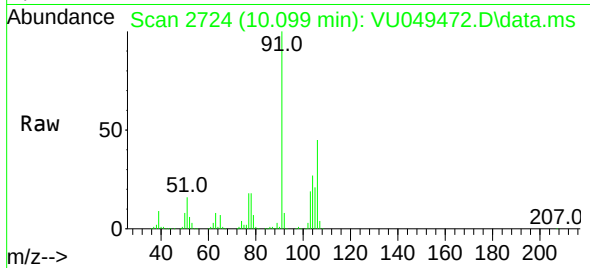




#69
o-Xylene
Concen: 50.770 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

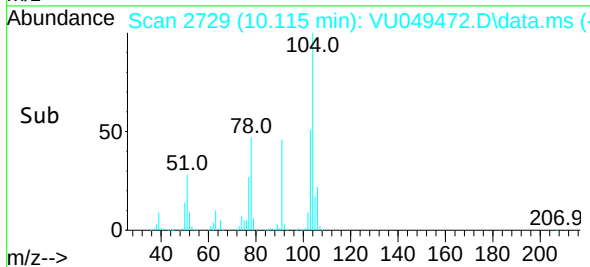
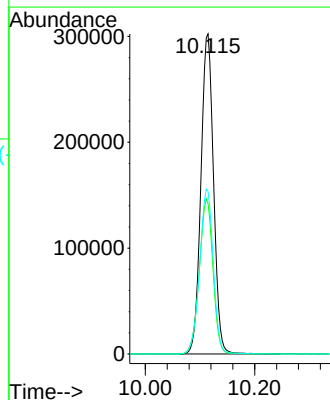
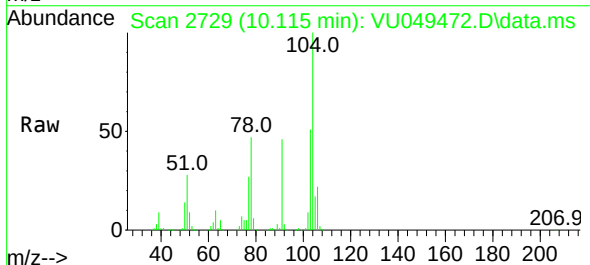
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

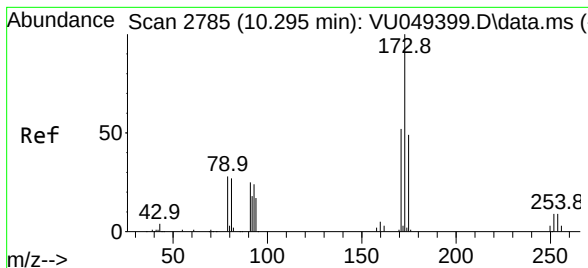
Tgt Ion:106 Resp: 297736
Ion Ratio Lower Upper
106 100
91 220.9 103.5 310.5



#70
Styrene
Concen: 51.464 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:104 Resp: 484936
Ion Ratio Lower Upper
104 100
78 52.3 38.0 57.0
103 55.6 43.9 65.9





#71

Bromoform

Concen: 50.296 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

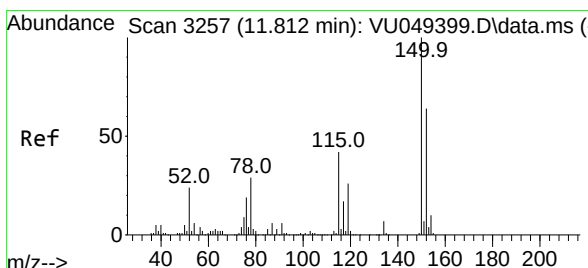
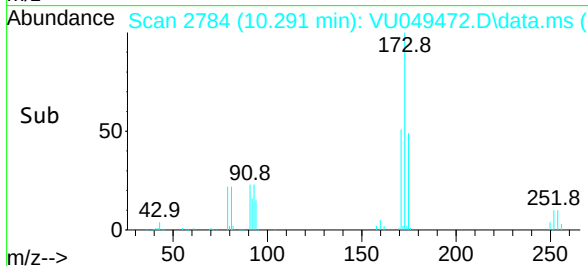
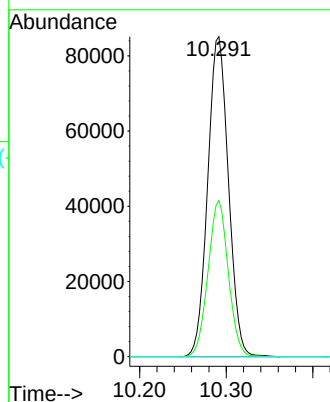
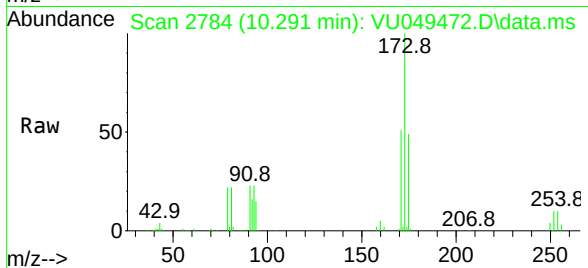
Tgt Ion:173 Resp: 141516

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

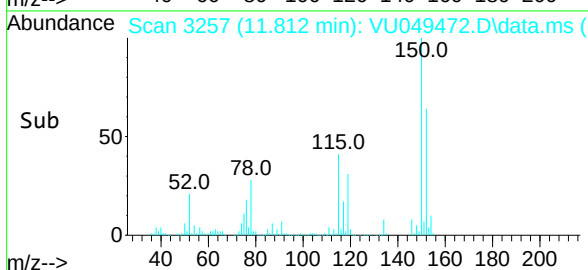
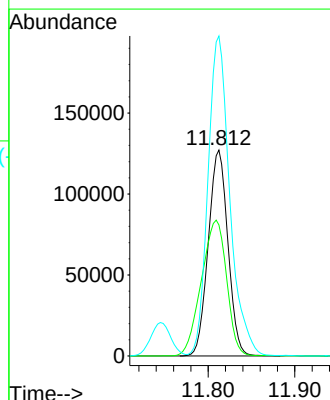
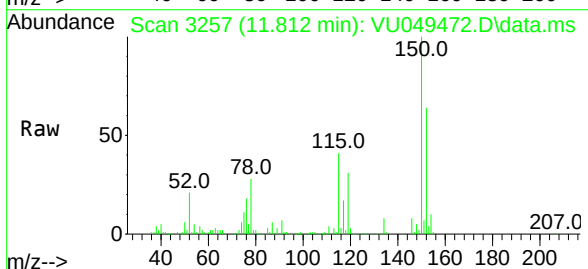
Tgt Ion:152 Resp: 200033

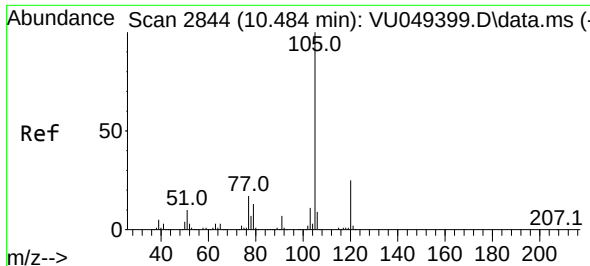
Ion Ratio Lower Upper

152 100

115 84.8 37.0 110.9

150 172.1 0.0 342.2

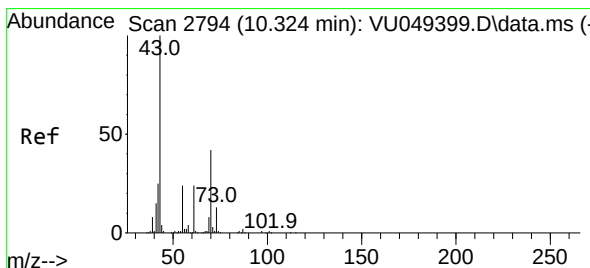
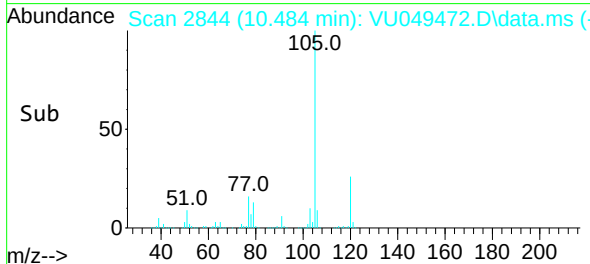
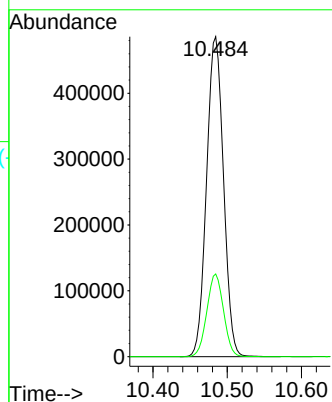
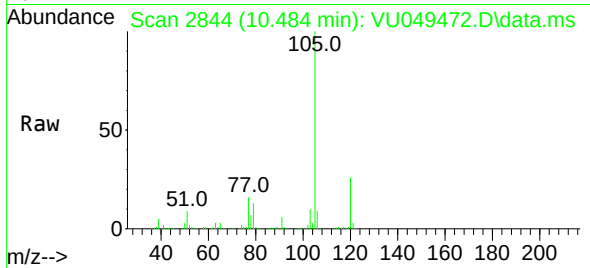




#73
Isopropylbenzene
Concen: 53.821 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

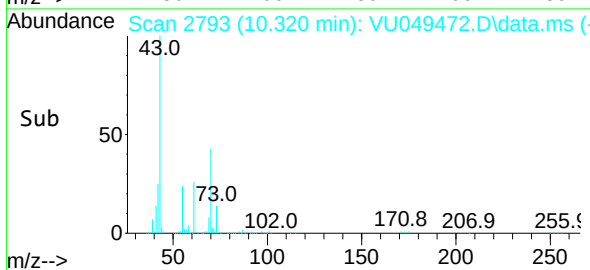
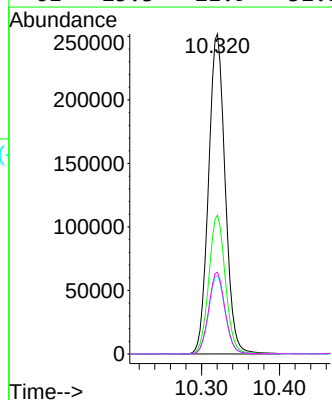
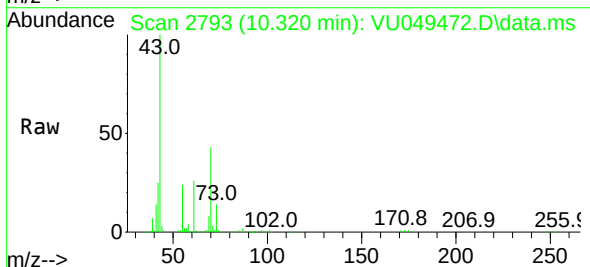
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

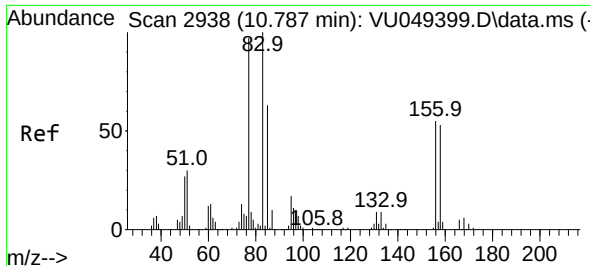
Tgt Ion:105 Resp: 766921
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4



#74
N-ethyl acetate
Concen: 49.591 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 43 Resp: 374004
Ion Ratio Lower Upper
43 100
70 43.3 38.7 58.1
55 24.3 21.8 32.8
61 25.3 21.9 32.9

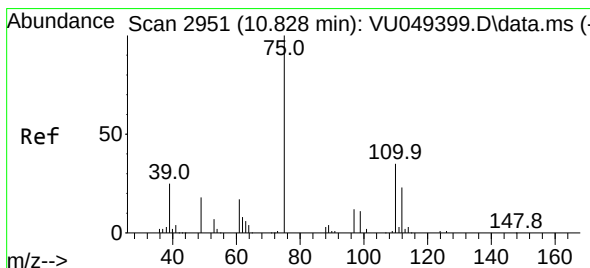
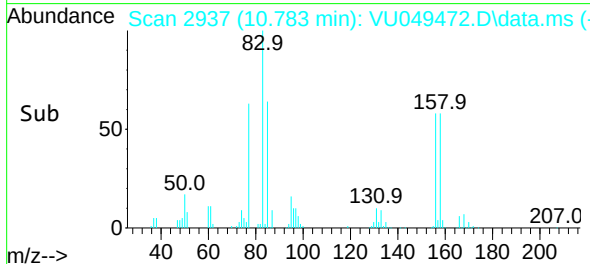
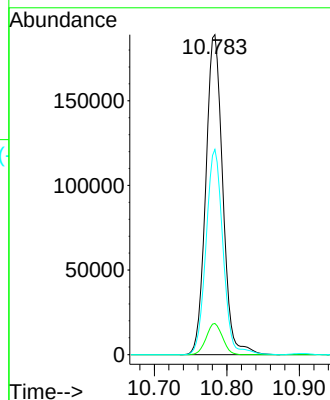
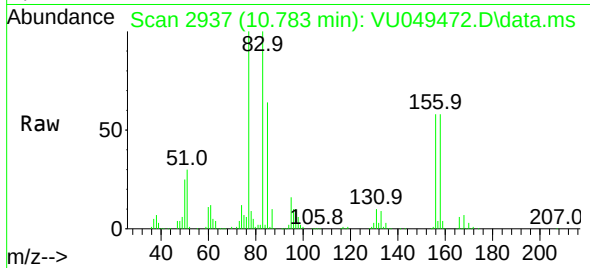




#75
1,1,2,2-Tetrachloroethane
Concen: 50.833 ug/l
RT: 10.783 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

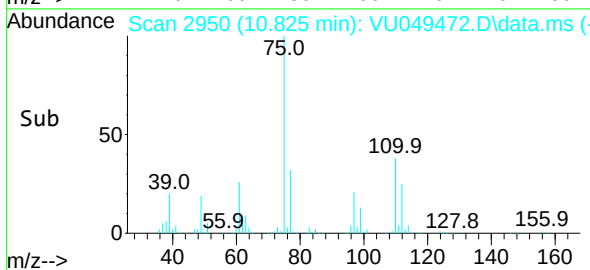
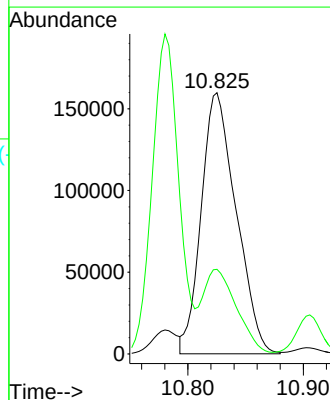
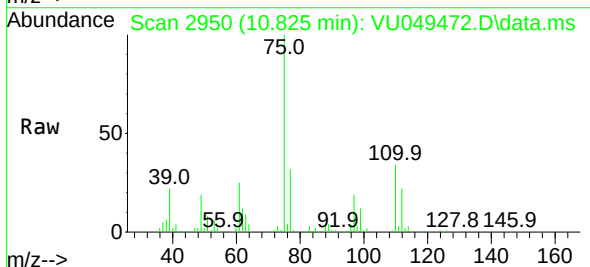
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

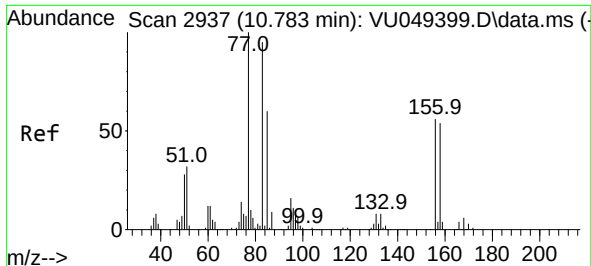
Tgt Ion: 83 Resp: 306832
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 64.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 49.490 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 75 Resp: 335586
Ion Ratio Lower Upper
75 100
77 30.0 15.8 47.3

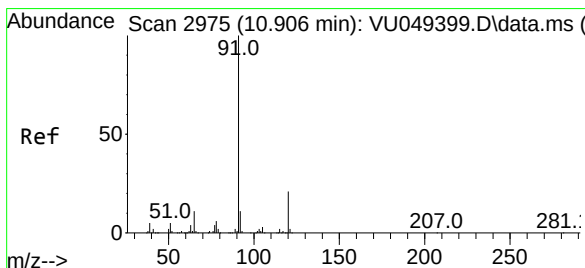
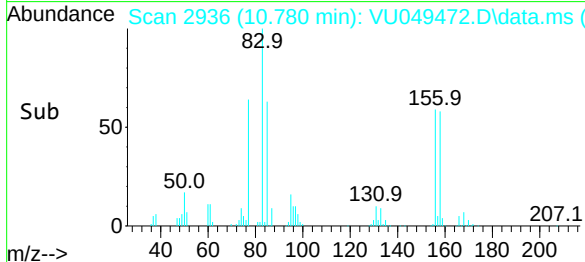
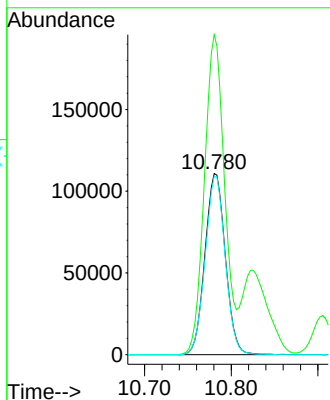
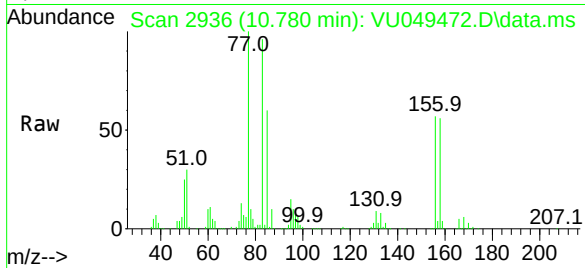




#77
Bromobenzene
Concen: 51.951 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

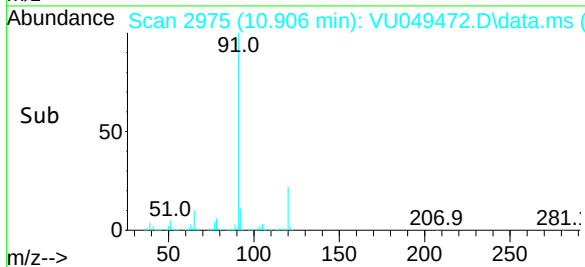
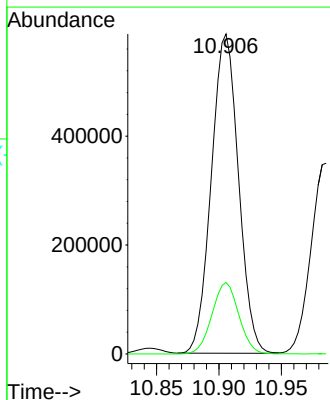
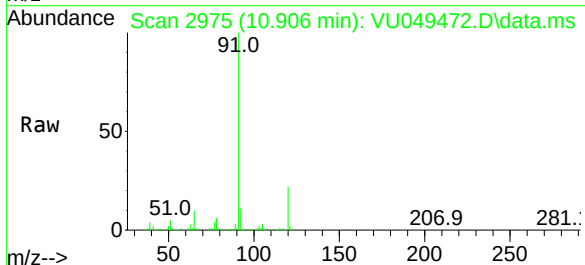
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

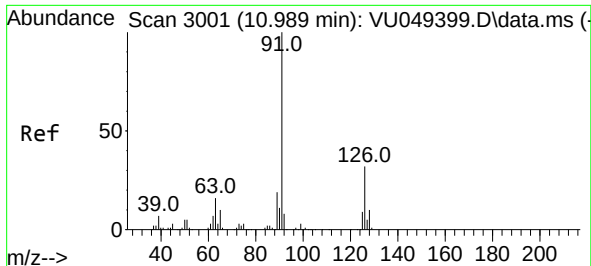
Tgt Ion:156 Resp: 180698
Ion Ratio Lower Upper
156 100
77 174.1 71.9 215.6
158 97.2 48.9 146.8



#78
n-propylbenzene
Concen: 51.329 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 91 Resp: 888759
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

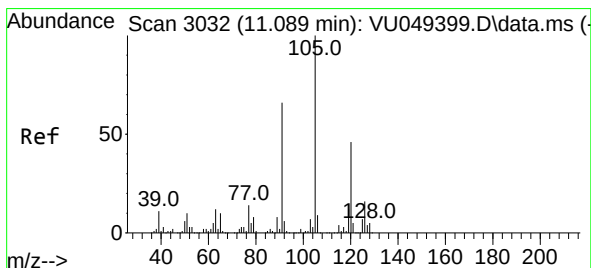
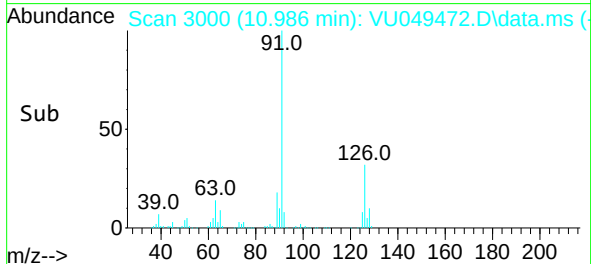
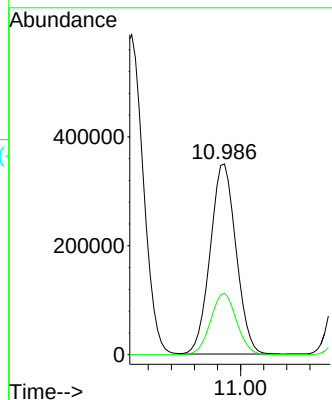
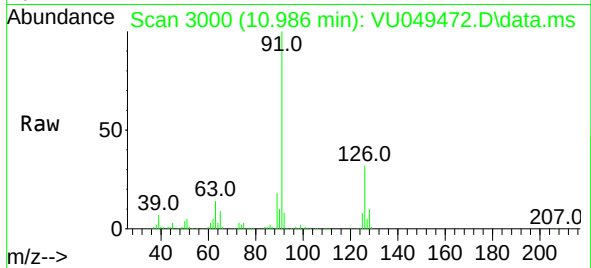




#79
2-Chlorotoluene
Concen: 50.912 ug/l
RT: 10.986 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

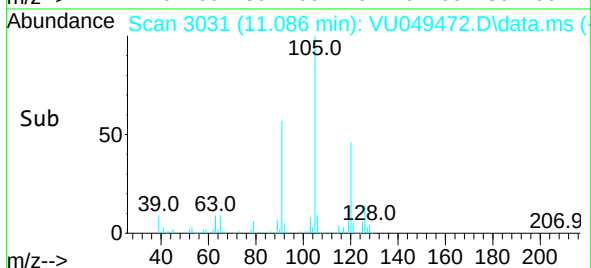
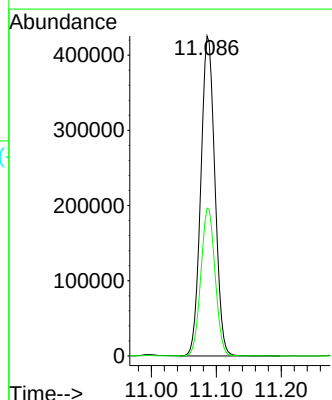
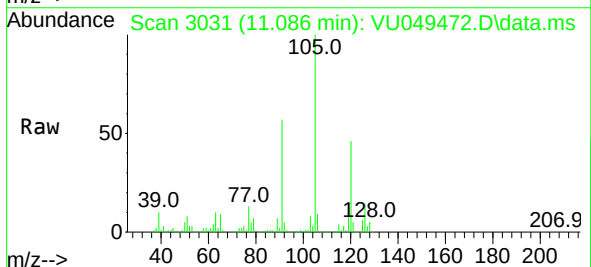
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

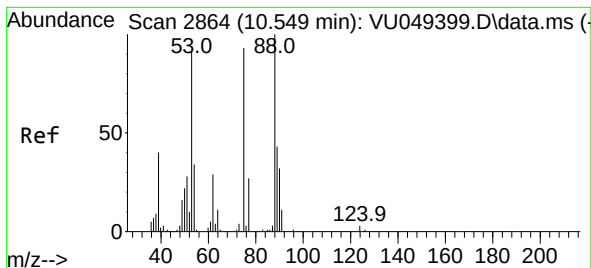
Tgt Ion: 91 Resp: 543113
Ion Ratio Lower Upper
91 100
126 32.5 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.686 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion:105 Resp: 642978
Ion Ratio Lower Upper
105 100
120 46.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.878 ug/l

RT: 10.546 min Scan# 2863

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

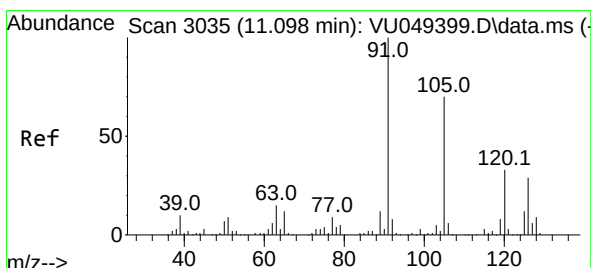
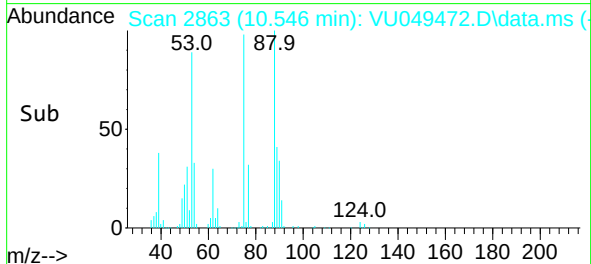
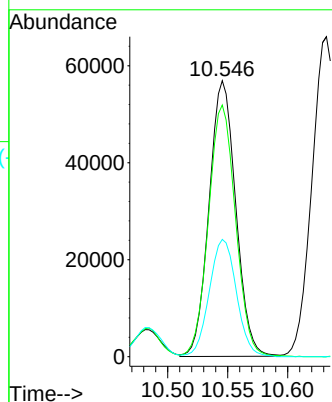
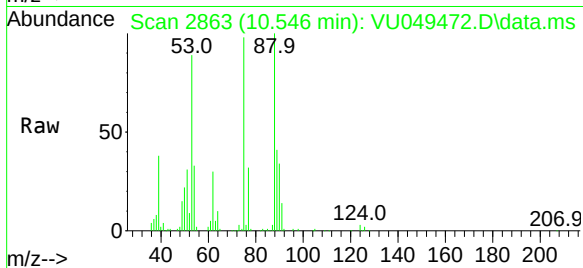
Tgt Ion: 75 Resp: 87914

Ion Ratio Lower Upper

75 100

53 92.9 69.2 103.8

89 43.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 50.297 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. -0.003 min

Lab File: VU049472.D

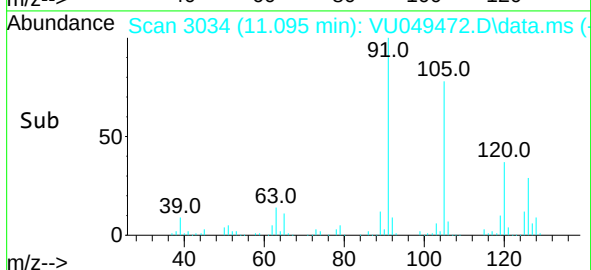
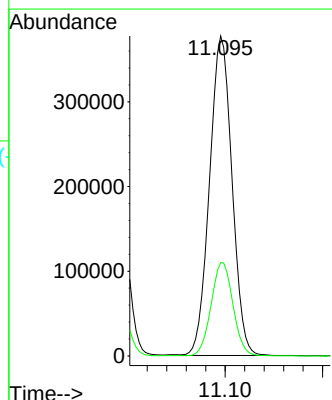
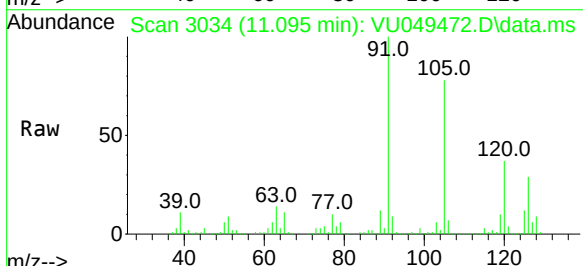
Acq: 28 Jun 2022 20:40

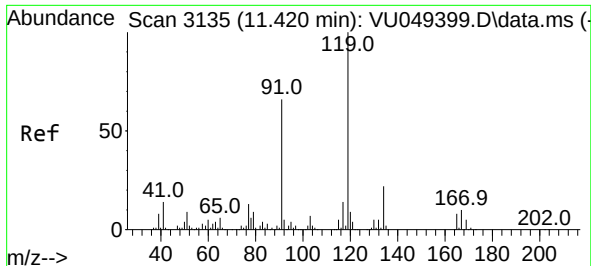
Tgt Ion: 91 Resp: 603457

Ion Ratio Lower Upper

91 100

126 28.4 16.1 48.2

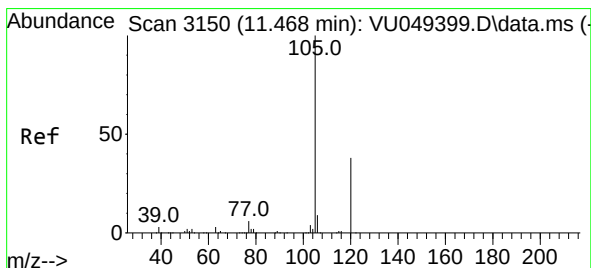
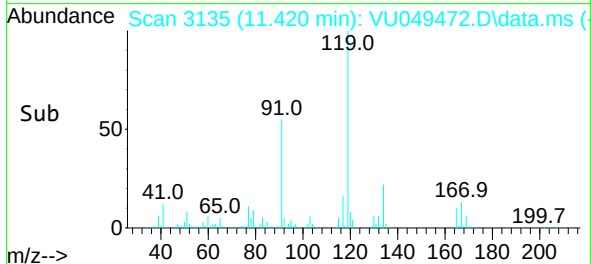
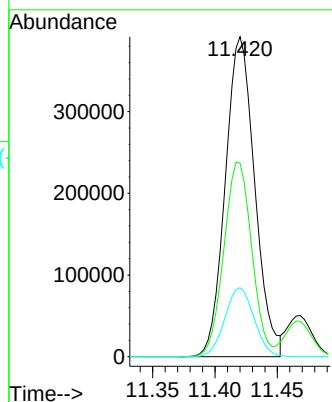
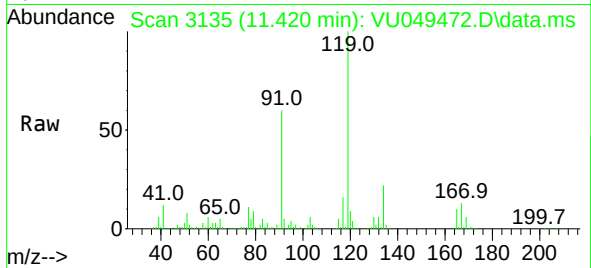




#83
 tert-Butylbenzene
 Concen: 52.671 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

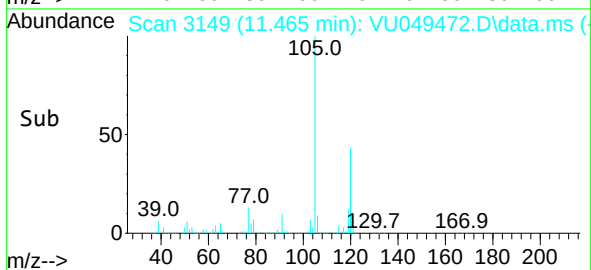
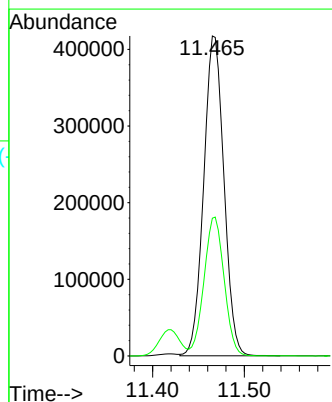
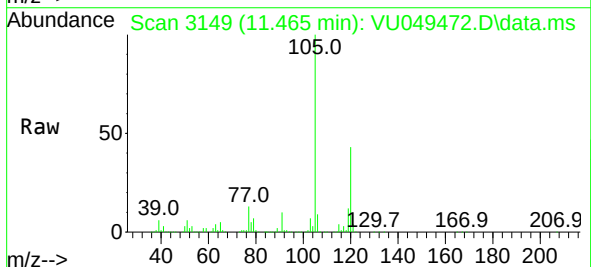
Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

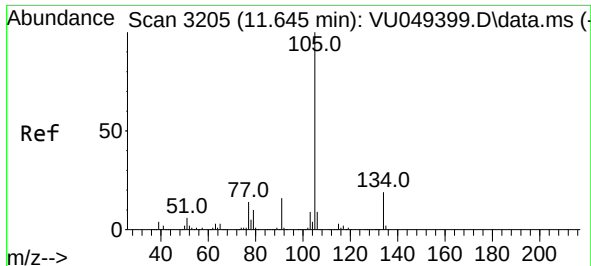
Tgt Ion:119 Resp: 644471
 Ion Ratio Lower Upper
 119 100
 91 57.7 26.8 80.3
 134 21.4 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.348 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

Tgt Ion:105 Resp: 639759
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.4 70.3

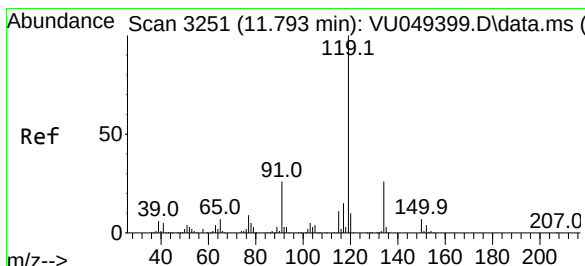
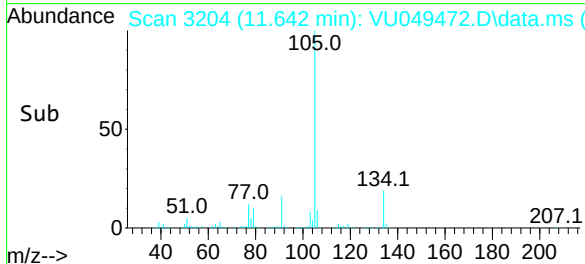
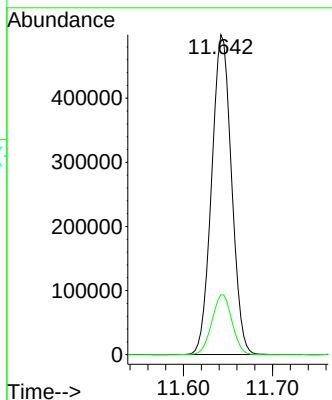
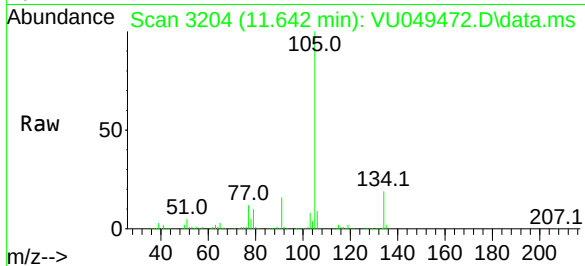




#85
 sec-Butylbenzene
 Concen: 50.293 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

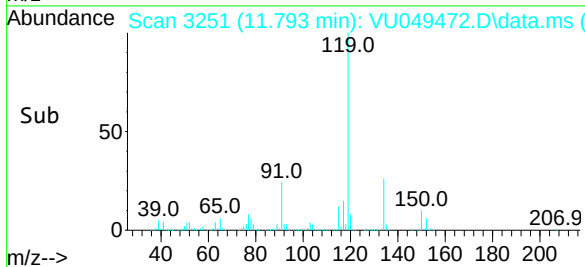
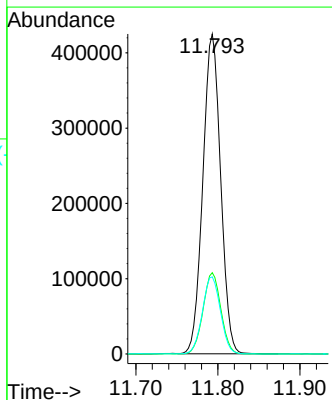
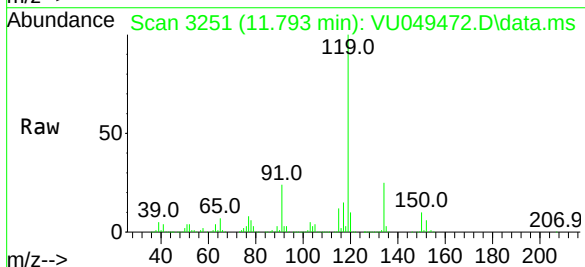
Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D2-20220622MSD

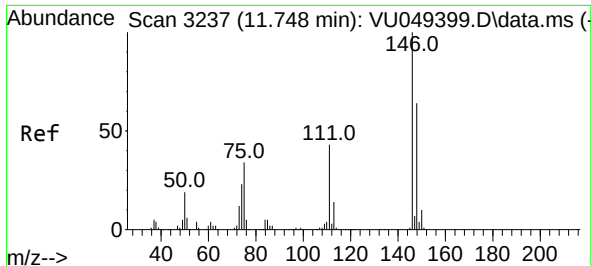
Tgt Ion:105 Resp: 773690
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.355 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049472.D
 Acq: 28 Jun 2022 20:40

Tgt Ion:119 Resp: 638897
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.4
 91 24.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.776 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

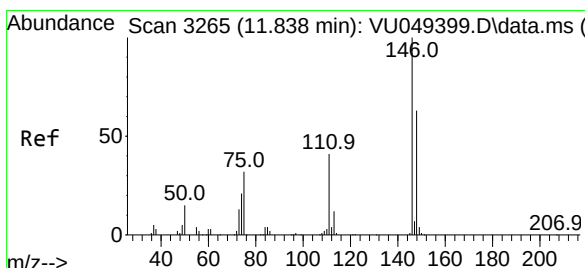
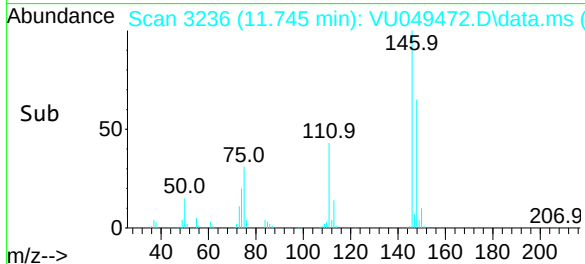
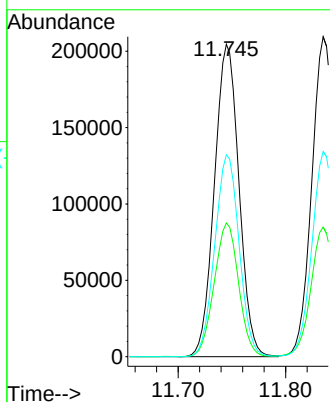
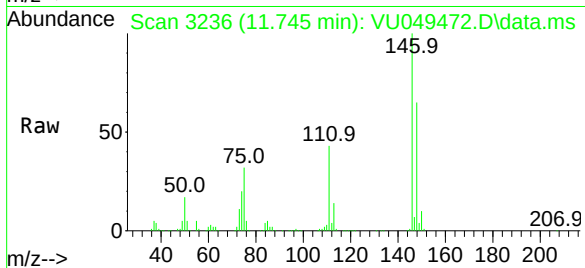
Tgt Ion:146 Resp: 324348

Ion Ratio Lower Upper

146 100

111 42.4 18.9 56.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.662 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

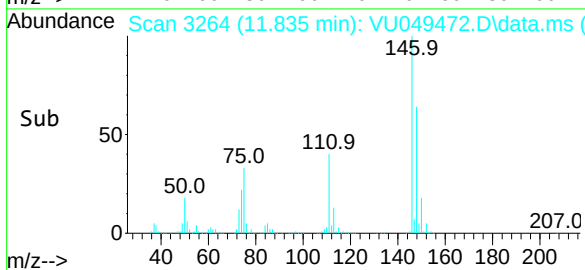
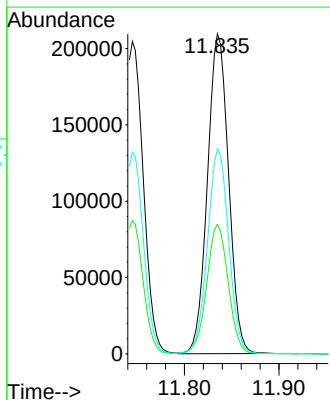
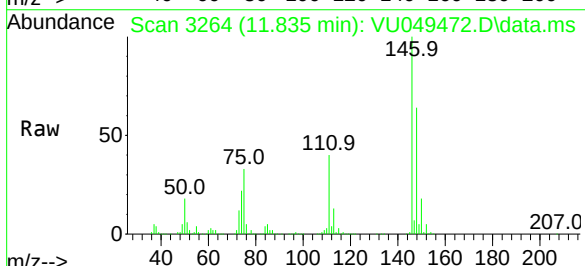
Tgt Ion:146 Resp: 325239

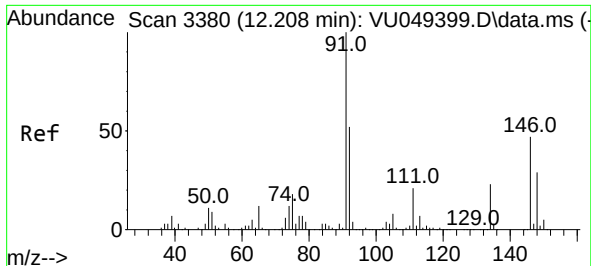
Ion Ratio Lower Upper

146 100

111 41.1 18.5 55.5

148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 47.942 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049472.D

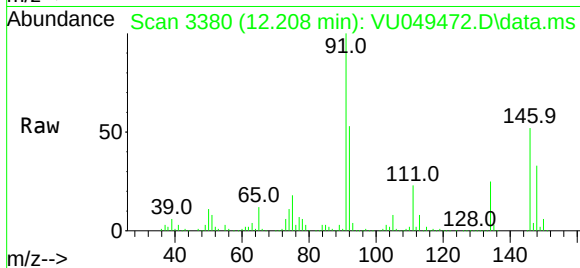
Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

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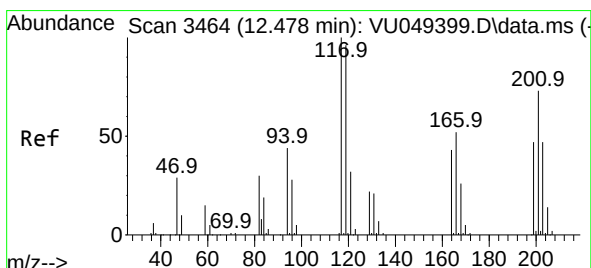
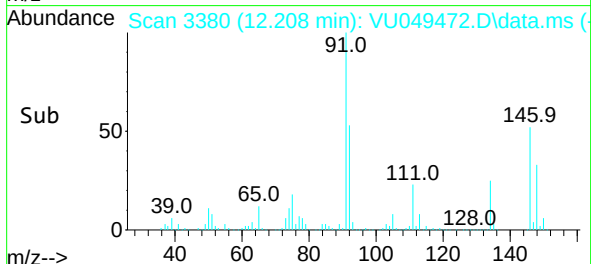
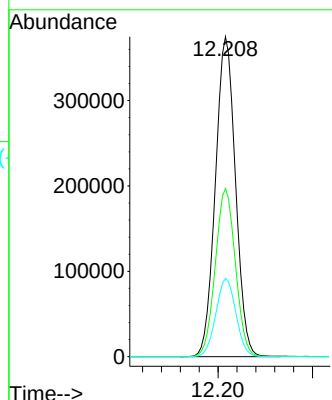
Tgt Ion: 91 Resp: 552124

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

134 24.5 13.5 40.4



#90

Hexachloroethane

Concen: 46.518 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU049472.D

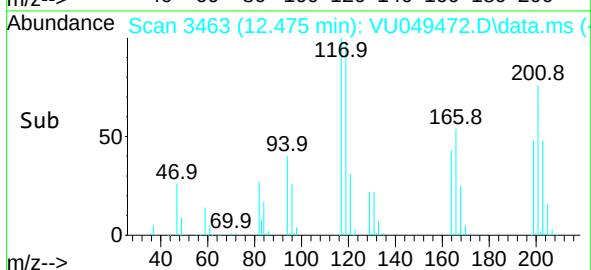
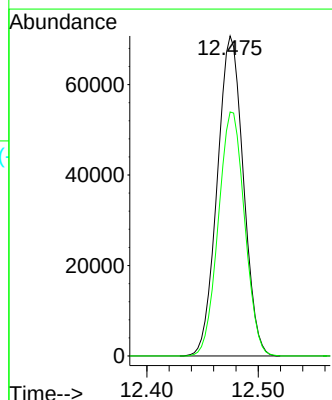
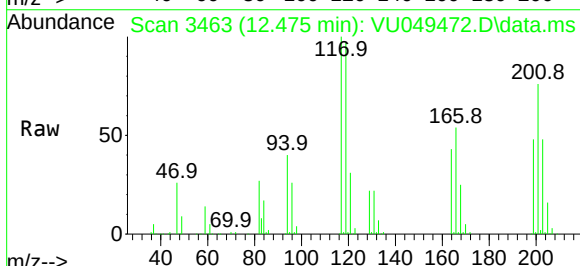
Acq: 28 Jun 2022 20:40

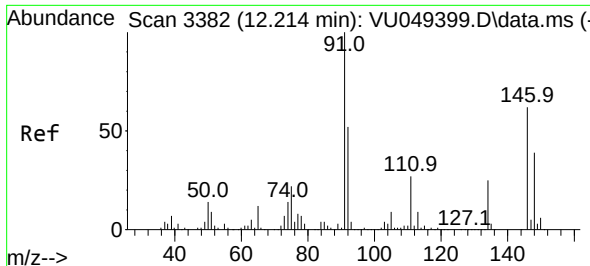
Tgt Ion: 117 Resp: 115269

Ion Ratio Lower Upper

117 100

201 76.8 44.6 134.0

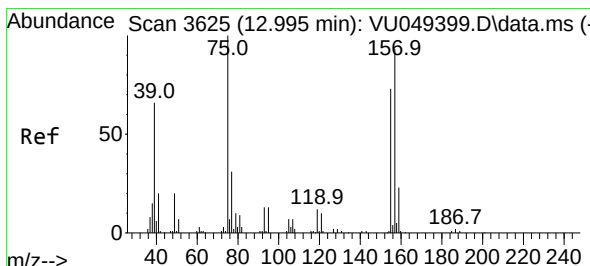
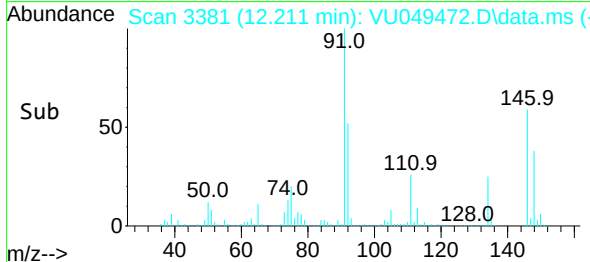
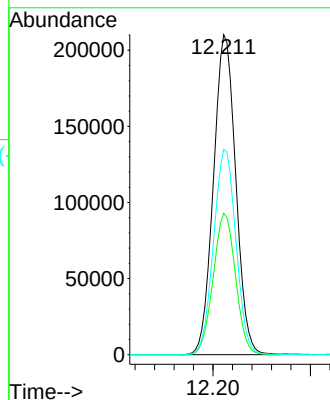
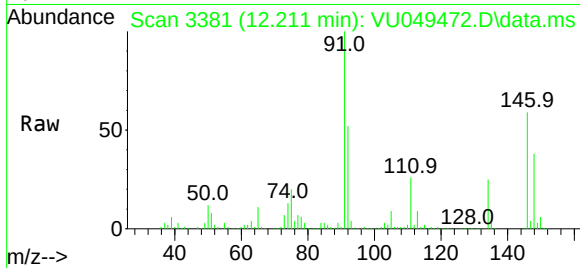




#91
1,2-Dichlorobenzene
Concen: 49.991 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

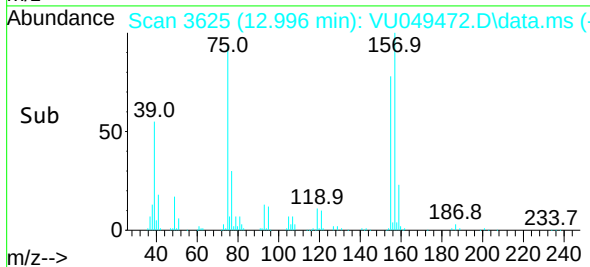
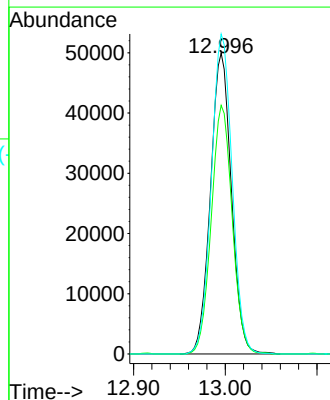
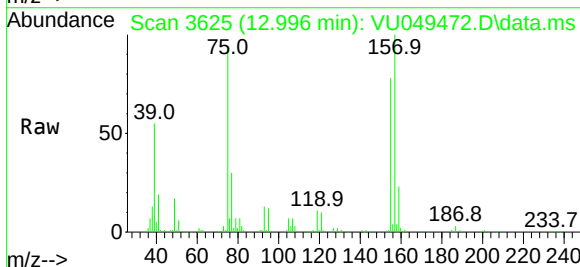
Instrument :
MSVOA_U
ClientSampleId :
RE114D2-20220622MSD

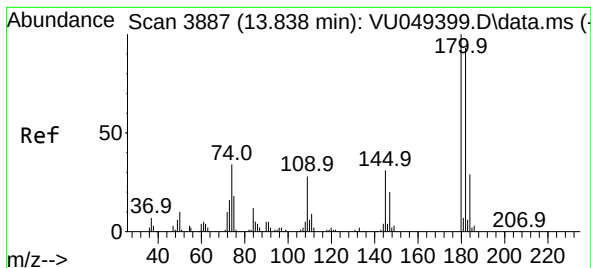
Tgt Ion:146 Resp: 334014
Ion Ratio Lower Upper
146 100
111 44.3 19.9 59.6
148 64.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.101 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049472.D
Acq: 28 Jun 2022 20:40

Tgt Ion: 75 Resp: 79092
Ion Ratio Lower Upper
75 100
155 82.6 47.8 143.4
157 105.7 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 48.353 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

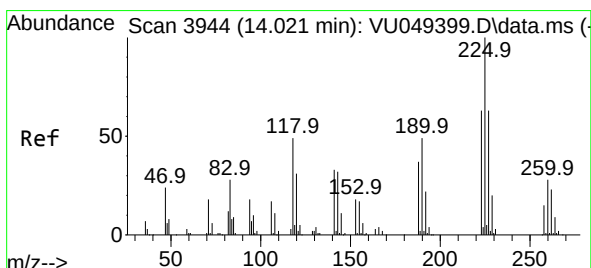
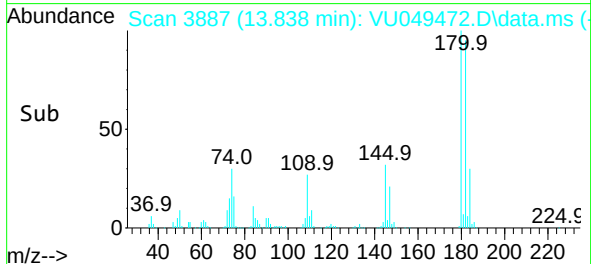
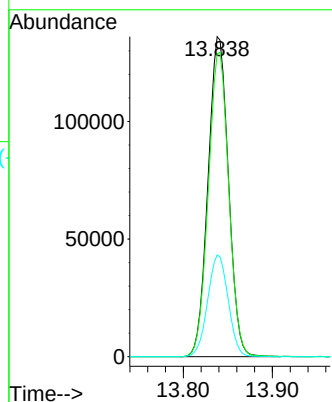
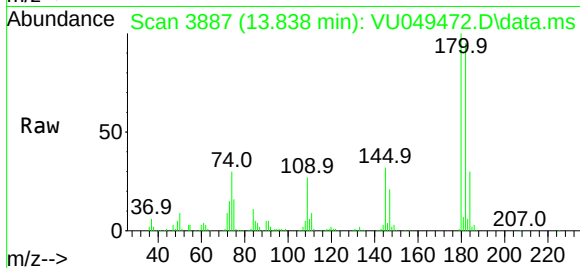
Tgt Ion:180 Resp: 216543

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 32.0 14.0 41.9



#94

Hexachlorobutadiene

Concen: 43.490 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

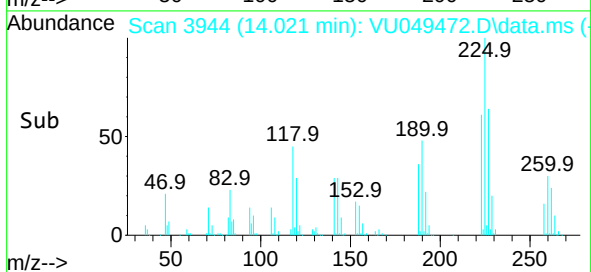
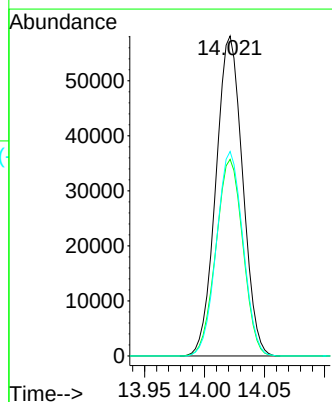
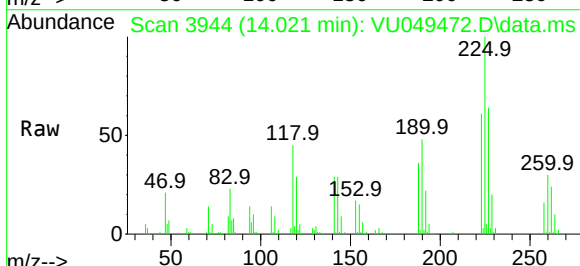
Tgt Ion:225 Resp: 90137

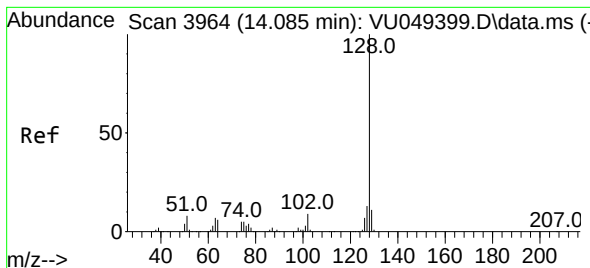
Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.9

227 63.2 32.0 96.2





#95

Naphthalene

Concen: 55.538 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Instrument :

MSVOA_U

ClientSampleId :

RE114D2-20220622MSD

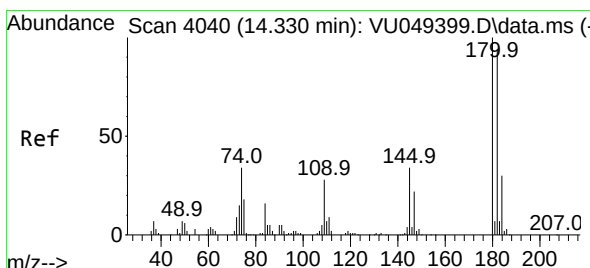
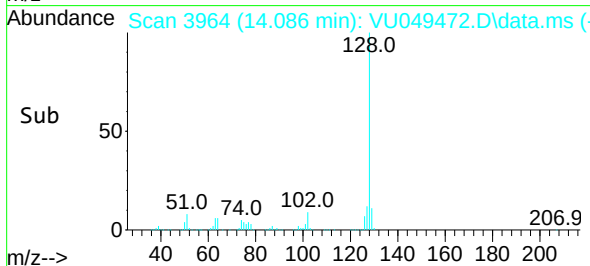
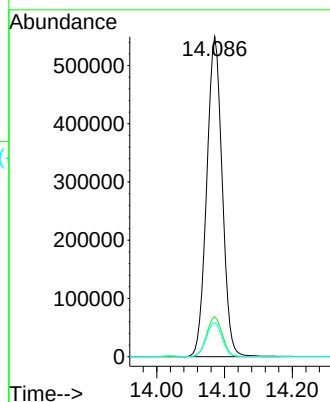
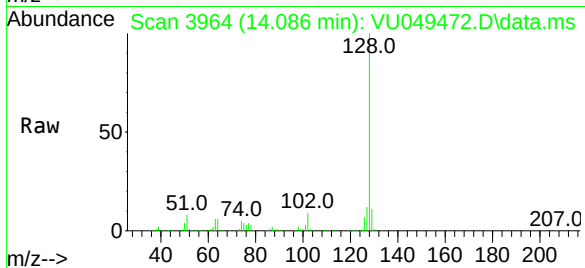
Tgt Ion:128 Resp: 872890

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.677 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049472.D

Acq: 28 Jun 2022 20:40

Tgt Ion:180 Resp: 228961

Ion Ratio Lower Upper

180 100

182 97.6 48.4 145.0

145 33.4 14.8 44.4

