

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049578.D
 Acq On : 30 Jun 2022 21:05
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 01 05:28:04 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	178063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	322369	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	289232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	136425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	146734	53.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.020%
35) Dibromofluoromethane	5.288	113	116408	51.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	7.896	98	398207	49.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.000%
62) 4-Bromofluorobenzene	10.632	95	148323	48.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	121766	42.556	ug/l	99
3) Chloromethane	1.520	50	155729	44.419	ug/l	98
4) Vinyl Chloride	1.600	62	135406	47.004	ug/l	99
5) Bromomethane	1.838	94	47867	53.437	ug/l	99
6) Chloroethane	1.919	64	76907	57.570	ug/l	99
7) Trichlorofluoromethane	2.128	101	162356	44.222	ug/l	98
8) Diethyl Ether	2.375	74	71987	54.281	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.575	101	92155	46.653	ug/l	95
10) Methyl Iodide	2.716	142	137462	67.685	ug/l	95
11) Tert butyl alcohol	3.346	59	6821	10.627	ug/l	# 1
12) 1,1-Dichloroethene	2.575	96	95934	49.604	ug/l	91
13) Acrolein	2.485	56	47267	108.742	ug/l	100
14) Allyl chloride	2.919	41	201183	51.471	ug/l	# 86
15) Acrylonitrile	3.311	53	445210	288.403	ug/l	99
16) Acetone	2.626	43	356365	257.691	ug/l	100
17) Carbon Disulfide	2.787	76	258611	42.878	ug/l	99
18) Methyl Acetate	2.948	43	214917	57.410	ug/l	90
19) Methyl tert-butyl Ether	3.362	73	399837	55.587	ug/l	96
20) Methylene Chloride	3.041	84	130026	56.580	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	105682	50.691	ug/l	92
22) Diisopropyl ether	3.989	45	411545	55.147	ug/l	# 77
23) Vinyl Acetate	3.954	43	1805134	275.974	ug/l	94
24) 1,1-Dichloroethane	3.867	63	225833	52.683	ug/l	100
25) 2-Butanone	4.700	43	589181	284.285	ug/l	95
26) 2,2-Dichloropropane	4.661	77	137147	38.441	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	132730	55.102	ug/l	92
28) Bromochloromethane	4.973	49	101264	54.044	ug/l	# 77
29) Tetrahydrofuran	5.050	42	394585	277.534	ug/l	87
30) Chloroform	5.086	83	222119	52.382	ug/l	98
31) Cyclohexane	5.385	56	173852	42.222	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	185656	50.462	ug/l	99
36) 1,1-Dichloropropene	5.523	75	144832	44.288	ug/l	97
37) Ethyl Acetate	4.803	43	224430	50.222	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	151507	44.175	ug/l	99
39) Methylcyclohexane	6.761	83	154734	39.474	ug/l	89
40) Benzene	5.774	78	484391	49.060	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	118763	53.039	ug/l	89
42) 1,2-Dichloroethane	5.793	62	179206	48.767	ug/l	98
43) Isopropyl Acetate	5.909	43	332217	50.736	ug/l	97
44) Trichloroethene	6.542	130	119172	50.774	ug/l	85
45) 1,2-Dichloropropane	6.790	63	136868	50.028	ug/l	100
46) Dibromomethane	6.915	93	93243	51.120	ug/l	89
47) Bromodichloromethane	7.105	83	176146	50.174	ug/l	100
48) Methyl methacrylate	6.957	41	160027	52.150	ug/l	88
49) 1,4-Dioxane	6.973	88	86832	1104.503	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1107129	252.642	ug/l	95
52) Toluene	7.967	92	287478	48.988	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	183019	48.600	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	200410	49.842	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	125690	51.803	ug/l	97
56) Ethyl methacrylate	8.333	69	214708	52.909	ug/l	93
57) 1,3-Dichloropropane	8.574	76	216590	50.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	135071	417.611	ug/l	94
59) 2-Hexanone	8.684	43	860569	249.722	ug/l	95
60) Dibromochloromethane	8.809	129	128570	50.957	ug/l	100
61) 1,2-Dibromoethane	8.922	107	133622	50.536	ug/l	99
64) Tetrachloroethene	8.552	164	84958	45.797	ug/l	94
65) Chlorobenzene	9.446	112	289336	48.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	115879	51.949	ug/l	99
67) Ethyl Benzene	9.568	91	524321	48.301	ug/l	97
68) m/p-Xylenes	9.693	106	393078	97.866	ug/l	92
69) o-Xylene	10.098	106	198011	49.659	ug/l	88
70) Styrene	10.111	104	327505	51.118	ug/l	95
71) Bromoform	10.291	173	98755	51.620	ug/l #	99
73) Isopropylbenzene	10.484	105	489371	50.355	ug/l	96
74) N-amyl acetate	10.320	43	269981	52.489	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.783	83	223454	54.280	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	242338	52.401	ug/l	99
77) Bromobenzene	10.780	156	122357	51.580	ug/l	85
78) n-propylbenzene	10.906	91	564929	47.839	ug/l	96
79) 2-Chlorotoluene	10.986	91	359410	49.400	ug/l	93
80) 1,3,5-Trimethylbenzene	11.089	105	418987	49.384	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.545	75	60584	48.377	ug/l	92
82) 4-Chlorotoluene	11.095	91	402680	49.211	ug/l	92
83) tert-Butylbenzene	11.420	119	410131	49.147	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	418179	50.171	ug/l	94
85) sec-Butylbenzene	11.642	105	473103	45.092	ug/l	97
86) p-Isopropyltoluene	11.793	119	386068	45.501	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	215092	47.428	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	217815	47.784	ug/l	98
89) n-Butylbenzene	12.208	91	319884	40.727	ug/l	98
90) Hexachloroethane	12.475	117	73708	43.614	ug/l	83
91) 1,2-Dichlorobenzene	12.211	146	227272	49.875	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	56766	53.776	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	135913	44.638	ug/l	98
94) Hexachlorobutadiene	14.021	225	51721	36.590	ug/l	99
95) Naphthalene	14.085	128	535205	50.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	146237	46.596	ug/l	97

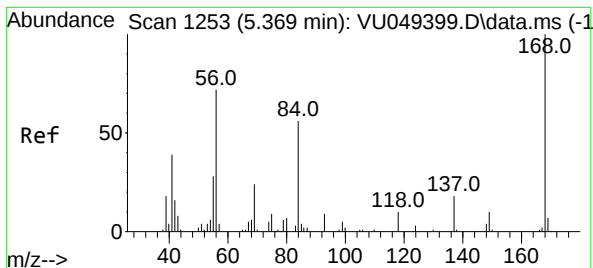
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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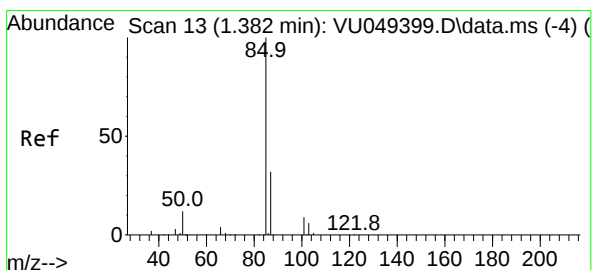
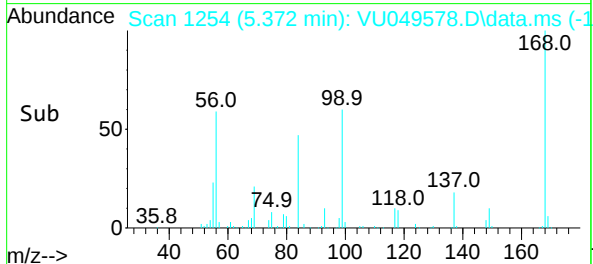
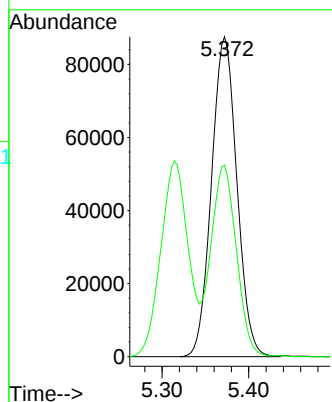
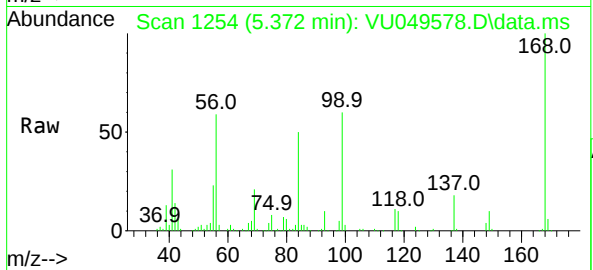
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

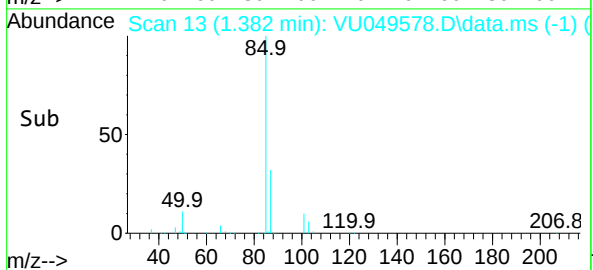
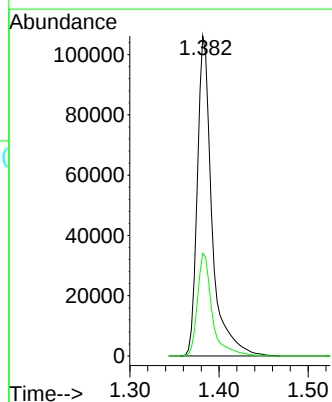
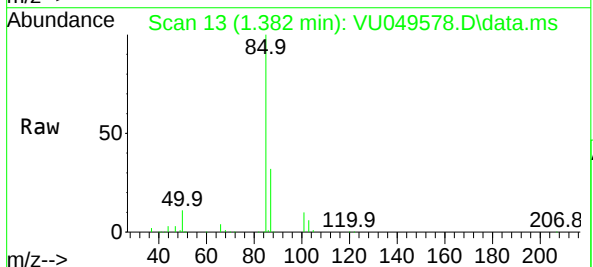
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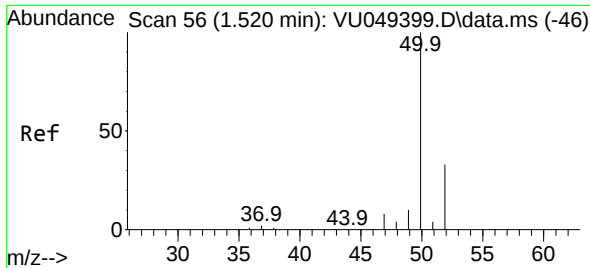
Tgt Ion:168 Resp: 178063
Ion Ratio Lower Upper
168 100
99 59.6 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 42.556 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 85 Resp: 121766
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2

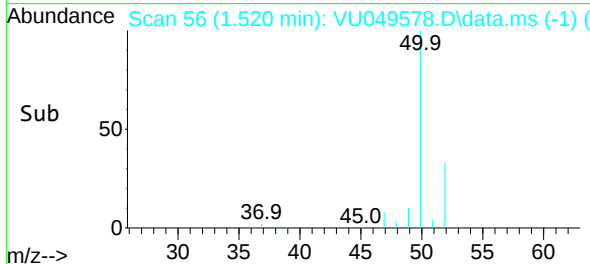
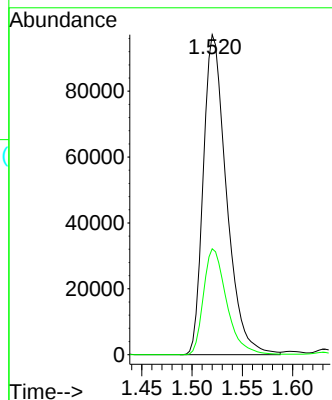
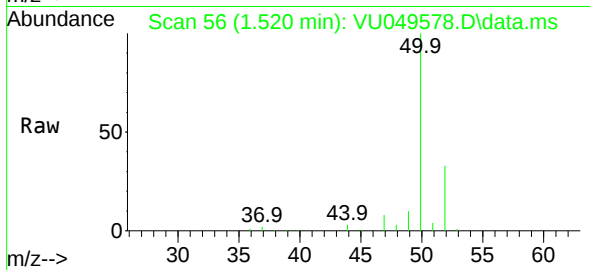




#3
Chloromethane
Concen: 44.419 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

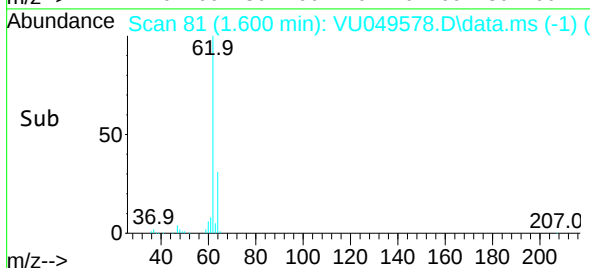
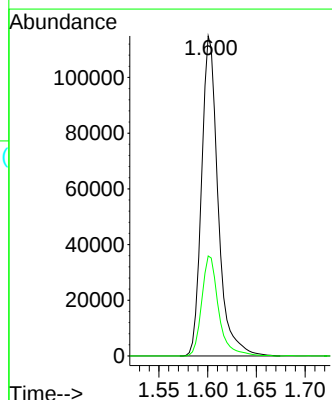
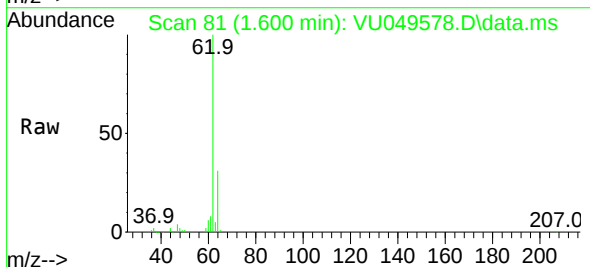
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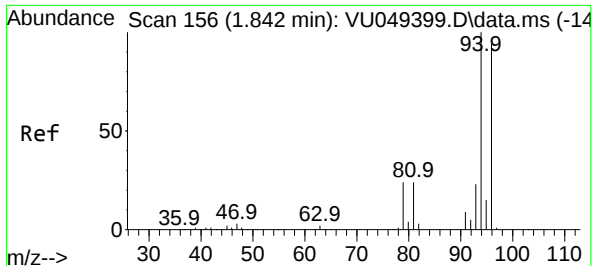
Tgt Ion: 50 Resp: 155729
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.2



#4
Vinyl Chloride
Concen: 47.004 ug/l
RT: 1.600 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 62 Resp: 135406
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9

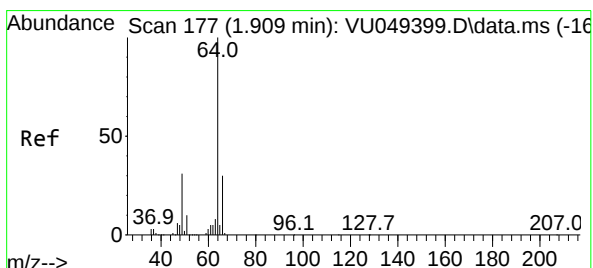
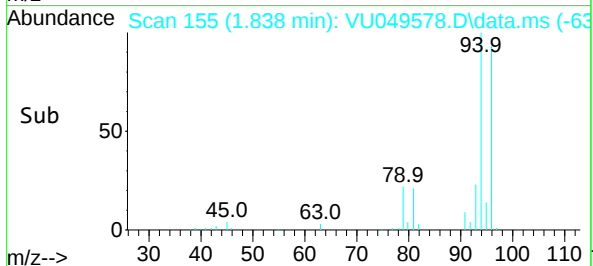
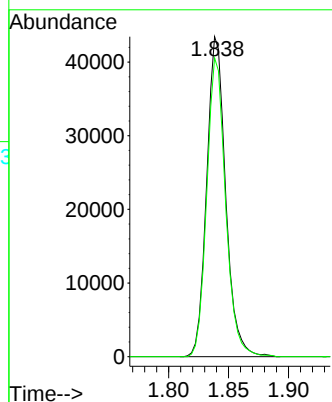
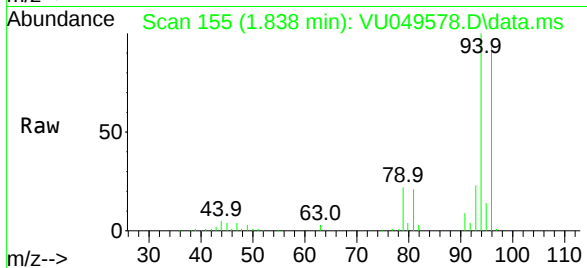




#5
Bromomethane
Concen: 53.437 ug/l
RT: 1.838 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

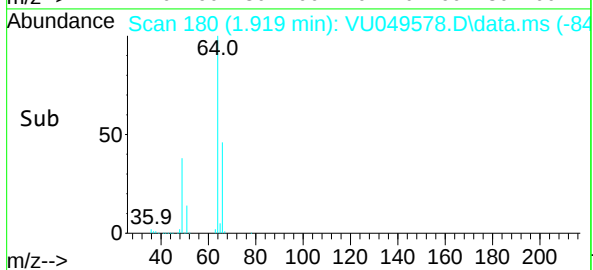
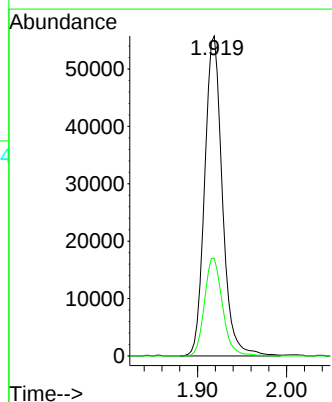
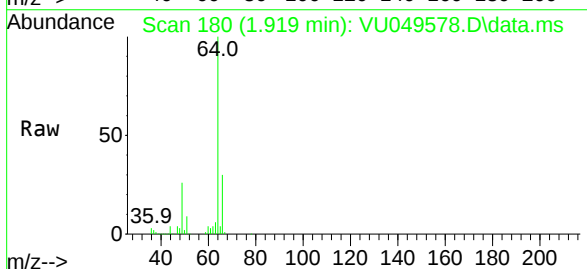
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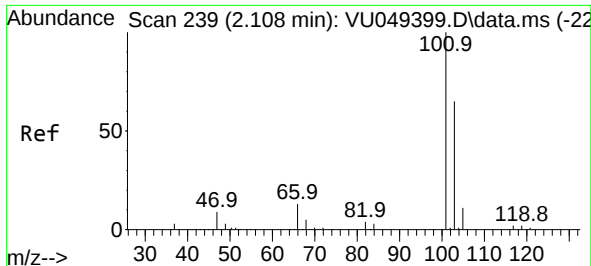
Tgt Ion: 94 Resp: 47867
Ion Ratio Lower Upper
94 100
96 93.3 73.7 110.5



#6
Chloroethane
Concen: 57.570 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 64 Resp: 76907
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1

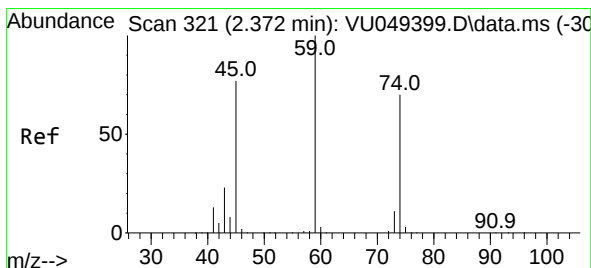
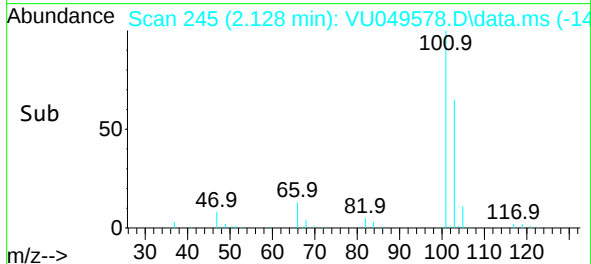
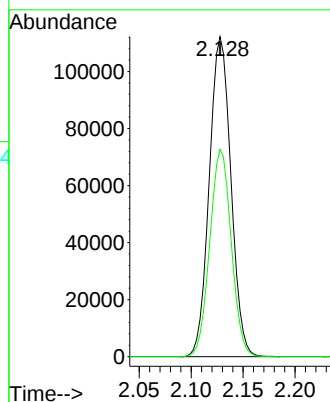
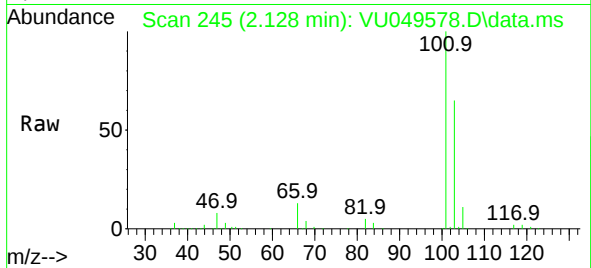




#7
 Trichlorofluoromethane
 Concen: 44.222 ug/l
 RT: 2.128 min Scan# 245
 Delta R.T. 0.019 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

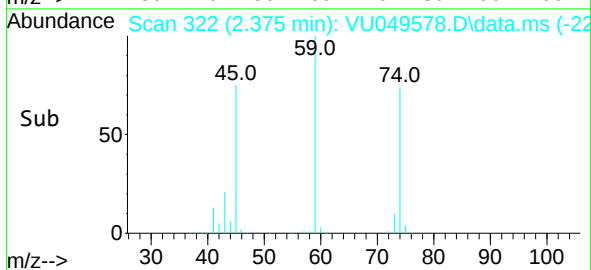
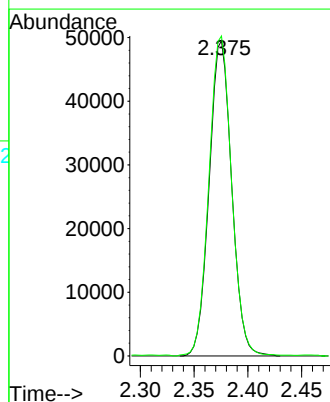
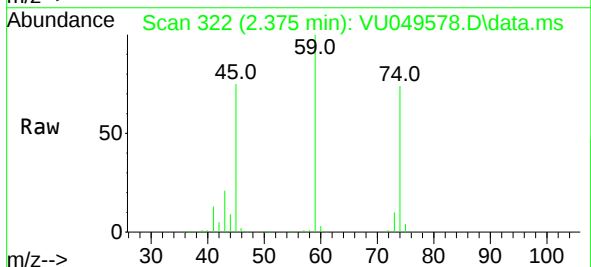
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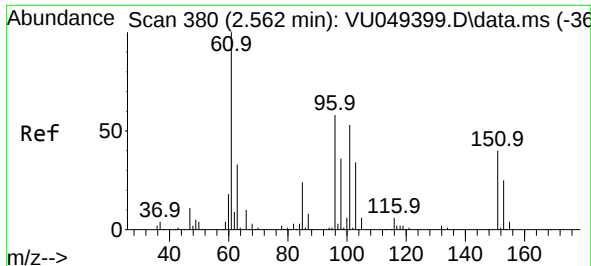
Tgt Ion:101 Resp: 162356
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 54.281 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion: 74 Resp: 71987
 Ion Ratio Lower Upper
 74 100
 45 102.5 44.4 133.2

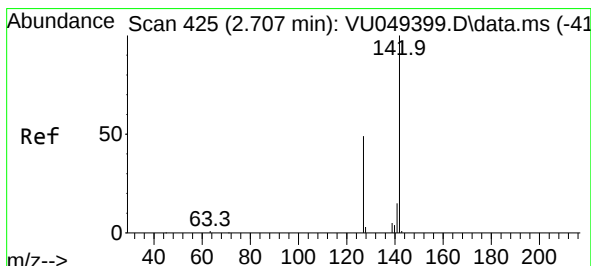
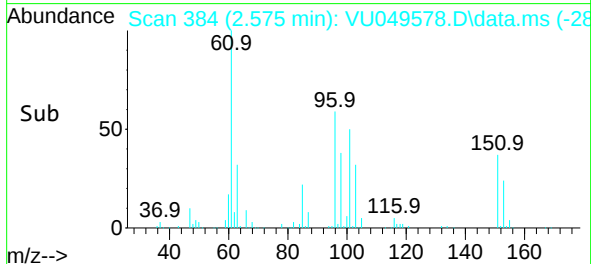
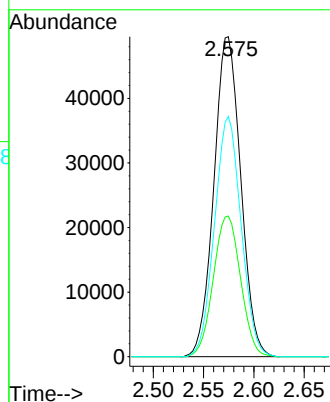
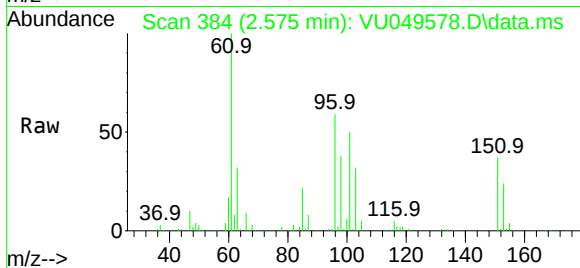




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.653 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049578.D
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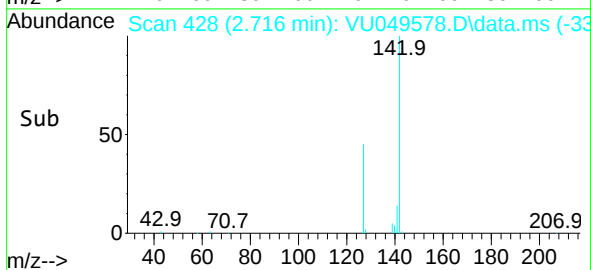
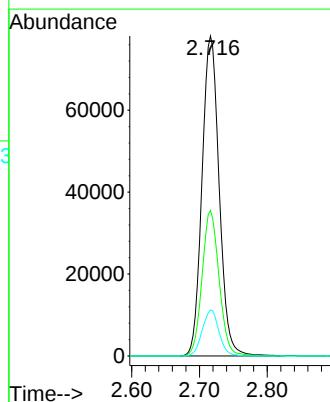
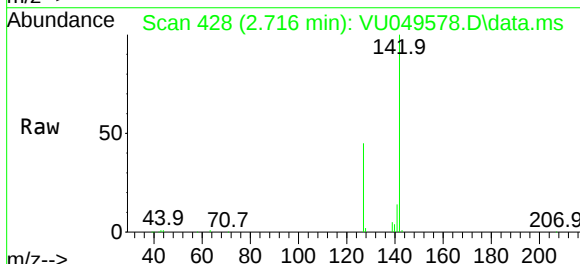
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ClientSampleId :
VSTDCCC050EC

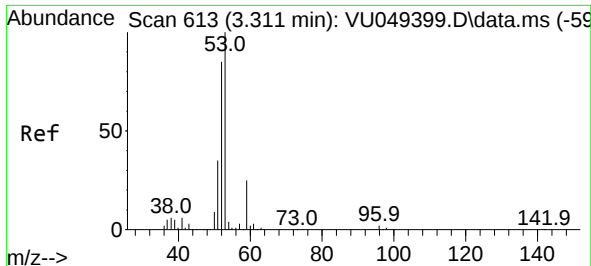
Tgt Ion:101 Resp: 92155
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 74.4 64.0 96.0



#10
Methyl Iodide
Concen: 67.685 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:142 Resp: 137462
Ion Ratio Lower Upper
142 100
127 45.0 32.5 48.7
141 13.9 11.4 17.0

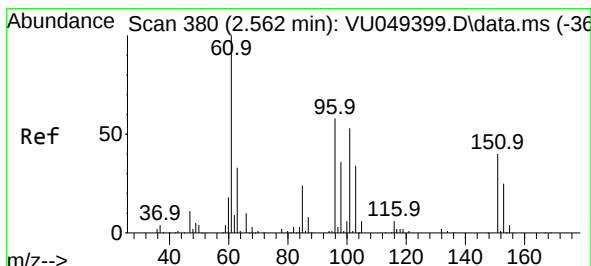
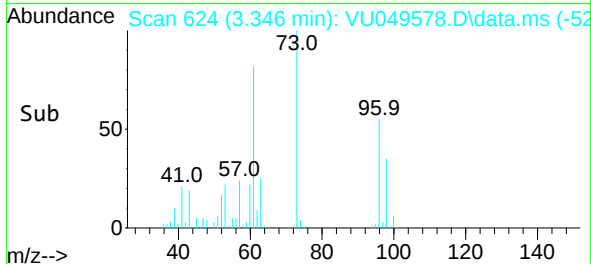
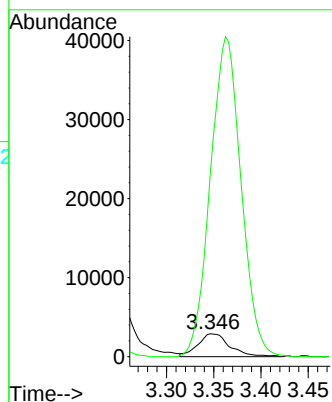
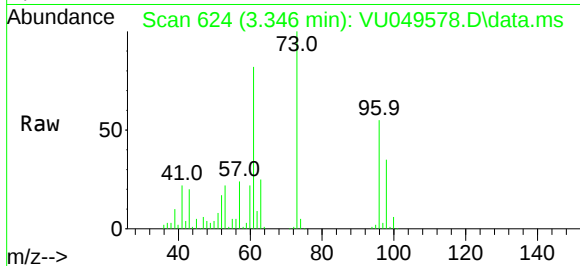




#11
Tert butyl alcohol
Concen: 10.627 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.035 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

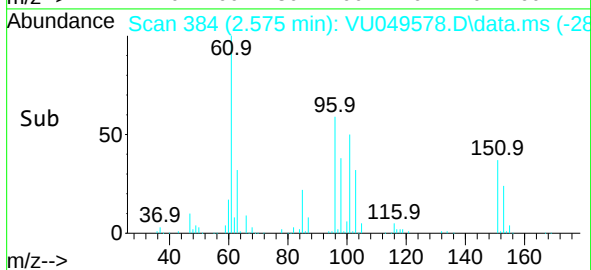
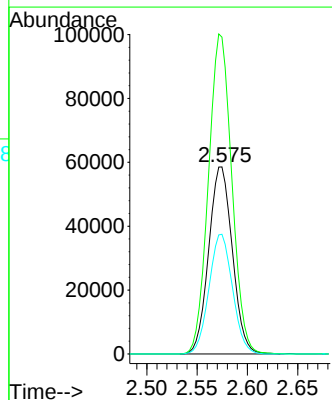
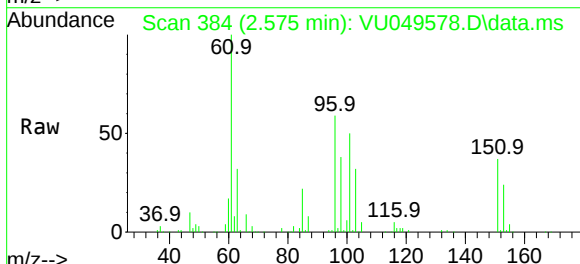
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

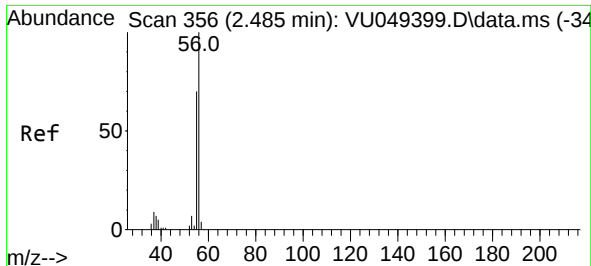
Tgt Ion: 59 Resp: 6821
Ion Ratio Lower Upper
59 100
57 1341.4 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 49.604 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 96 Resp: 95934
Ion Ratio Lower Upper
96 100
61 169.4 122.2 183.2
98 64.0 50.7 76.1

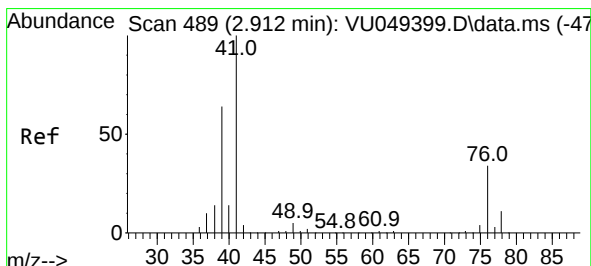
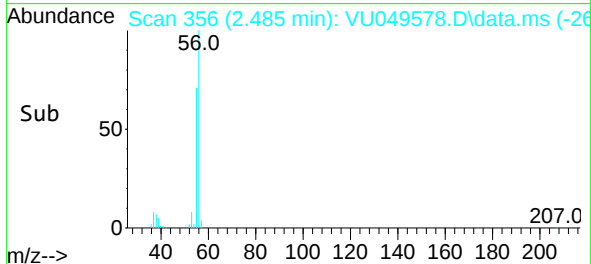
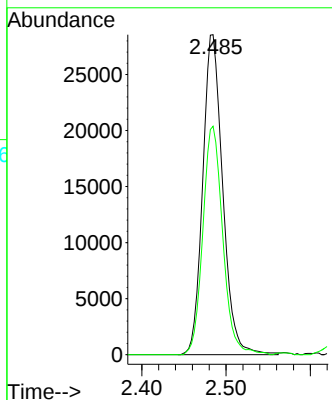
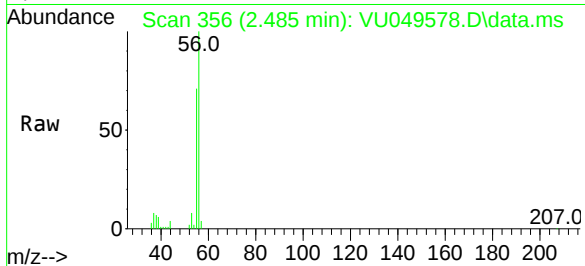




#13
Acrolein
Concen: 108.742 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

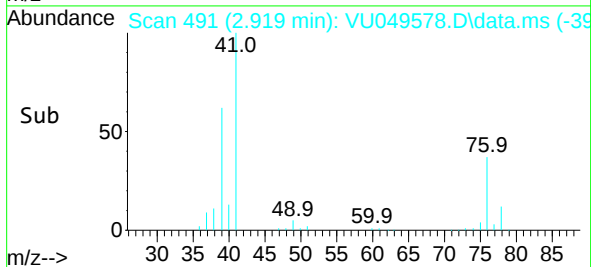
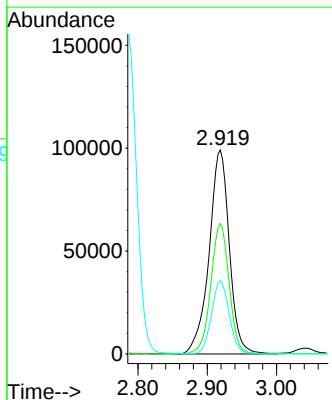
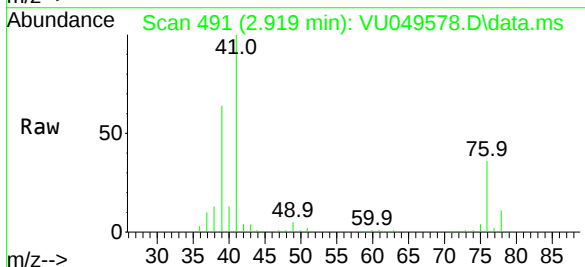
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 47267
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0



#14
Allyl chloride
Concen: 51.471 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 41 Resp: 201183
Ion Ratio Lower Upper
41 100
39 57.8 53.4 80.2
76 31.4 33.8 50.6#

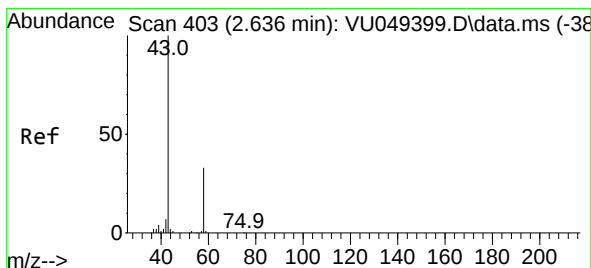
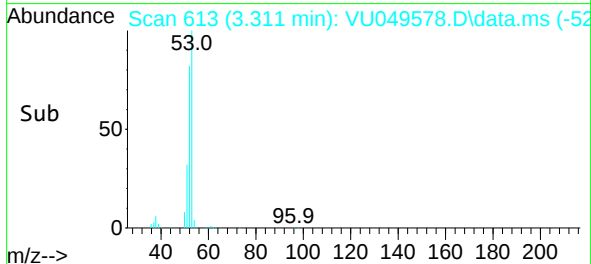
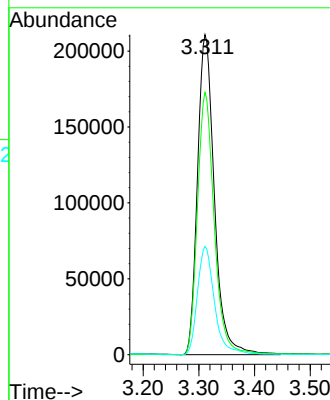
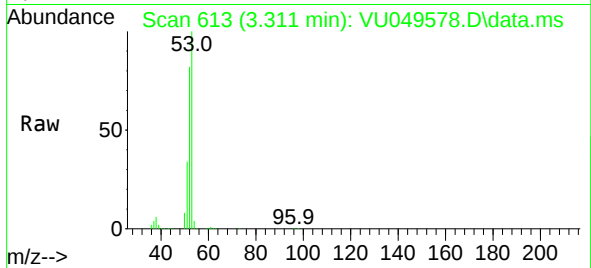




#15
Acrylonitrile
Concen: 288.403 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

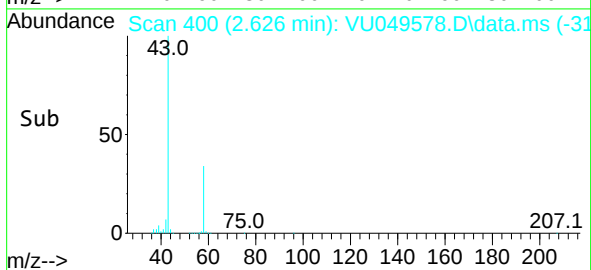
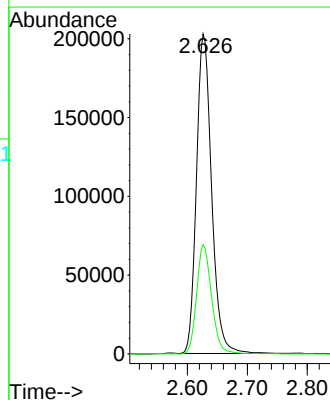
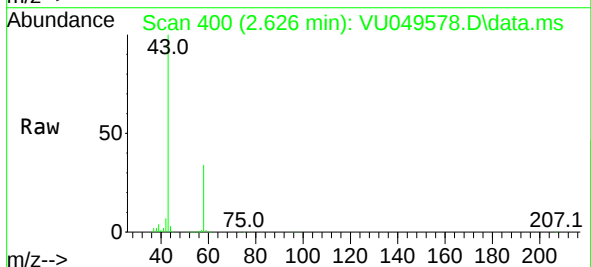
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

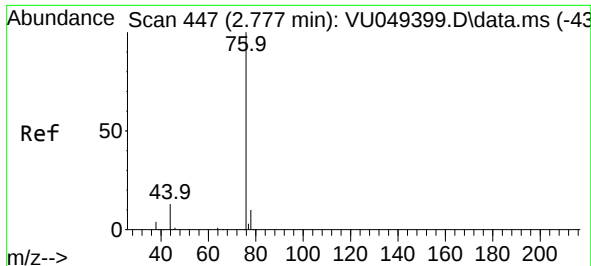
Tgt Ion: 53 Resp: 445210
Ion Ratio Lower Upper
53 100
52 81.4 65.7 98.5
51 34.0 28.2 42.4



#16
Acetone
Concen: 257.691 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 43 Resp: 356365
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3

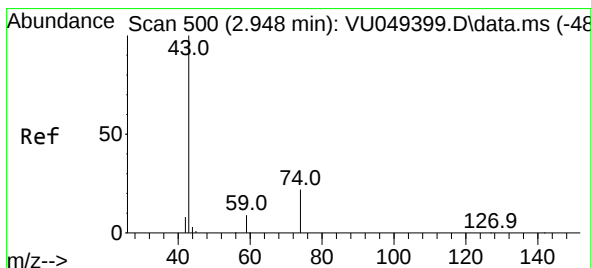
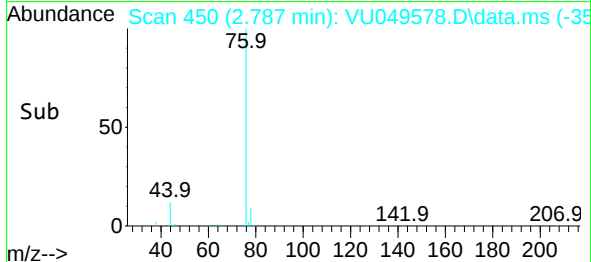
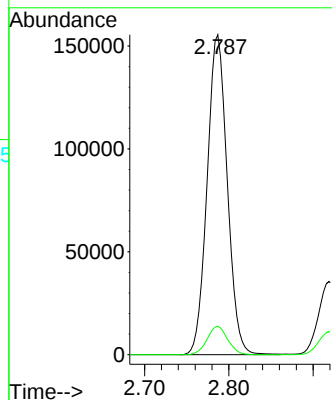
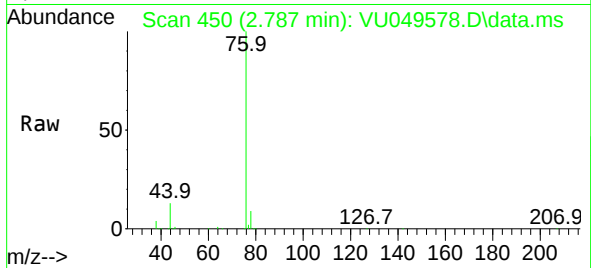




#17
Carbon Disulfide
Concen: 42.878 ug/l
RT: 2.787 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

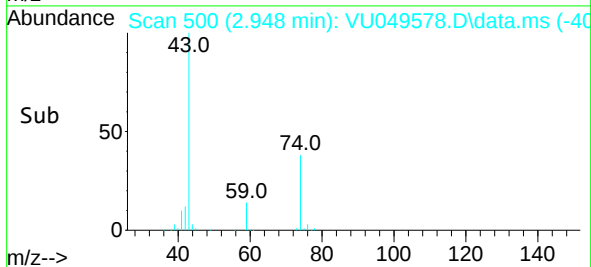
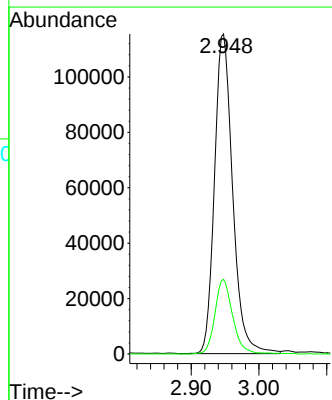
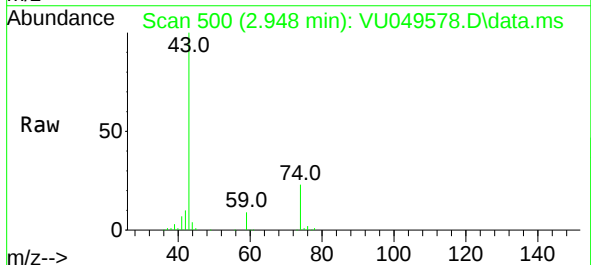
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 258611
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 57.410 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 43 Resp: 214917
Ion Ratio Lower Upper
43 100
74 22.9 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 55.587 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

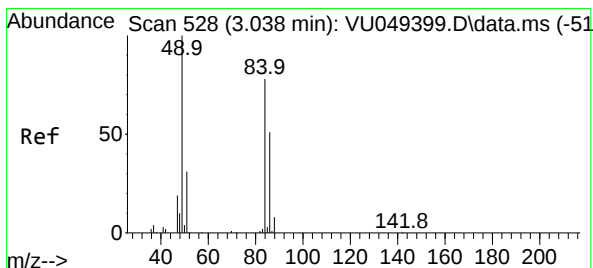
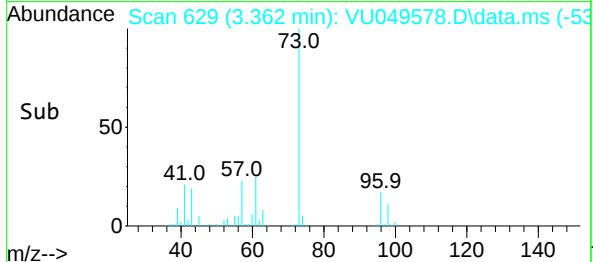
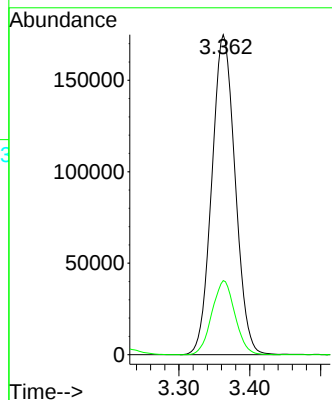
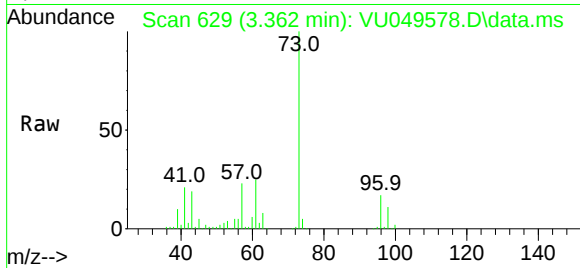
VSTDCCC050EC

Tgt Ion: 73 Resp: 399837

Ion Ratio Lower Upper

73 100

57 23.1 17.1 25.7



#20

Methylene Chloride

Concen: 56.580 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Tgt Ion: 84 Resp: 130026

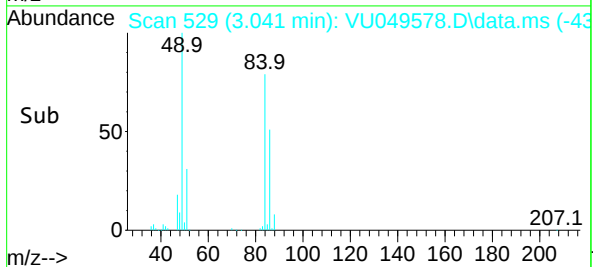
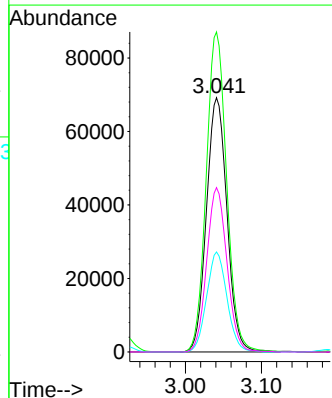
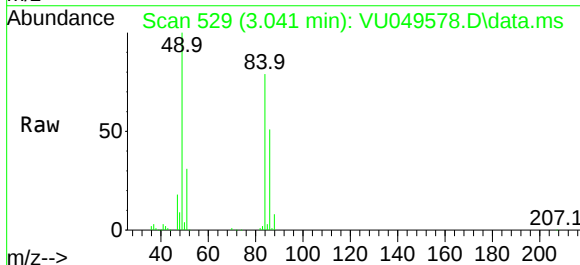
Ion Ratio Lower Upper

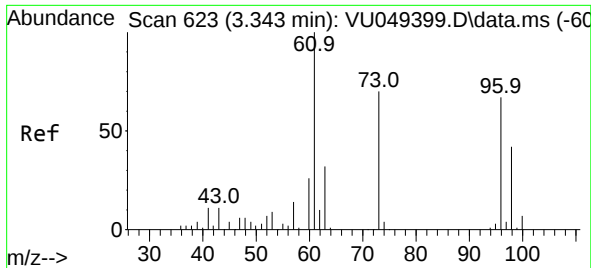
84 100

49 125.8 86.6 129.8

51 39.3 26.6 40.0

86 64.6 50.6 75.8

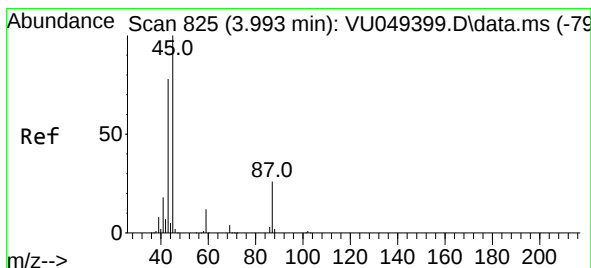
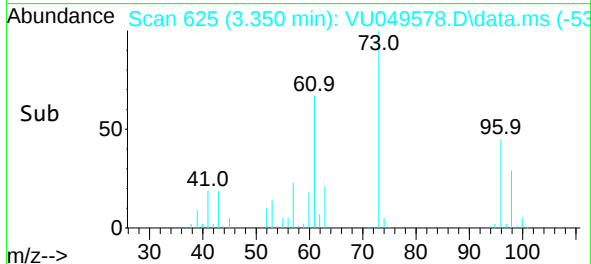
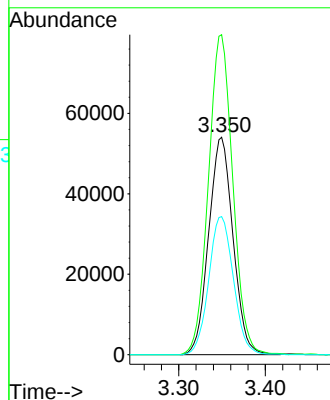
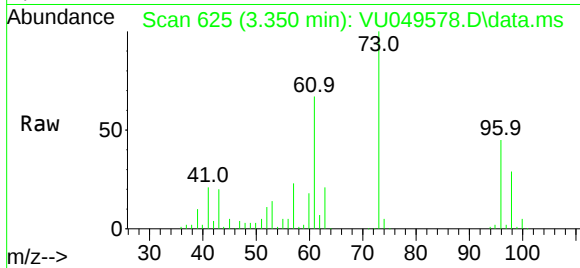




#21
trans-1,2-Dichloroethene
Concen: 50.691 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

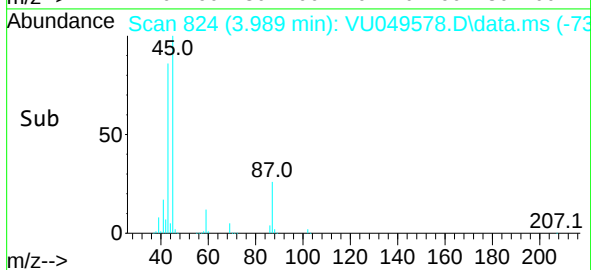
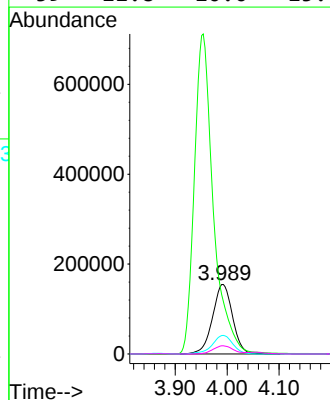
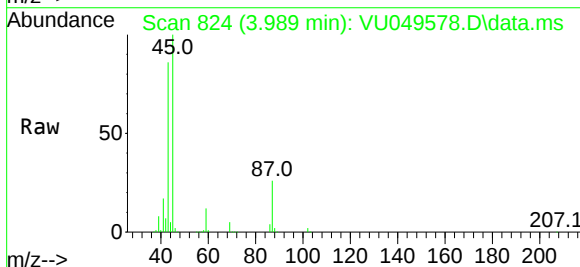
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

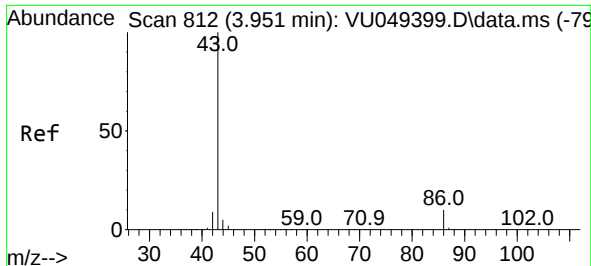
Tgt Ion: 96 Resp: 105682
Ion Ratio Lower Upper
96 100
61 147.2 106.1 159.1
98 63.5 50.8 76.2



#22
Diisopropyl ether
Concen: 55.147 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 45 Resp: 411545
Ion Ratio Lower Upper
45 100
43 84.7 92.9 139.3#
87 26.4 26.2 39.2
59 11.8 10.0 15.0

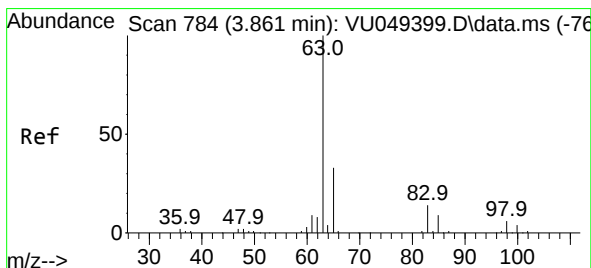
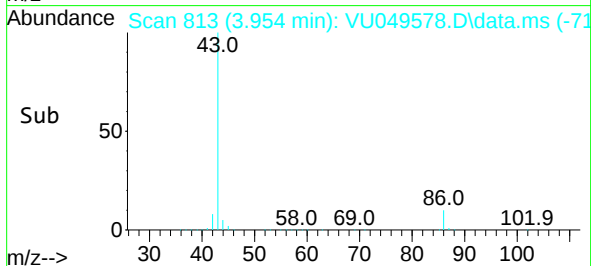
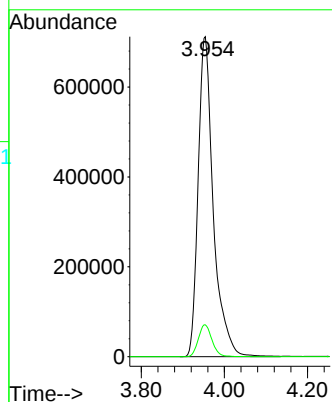
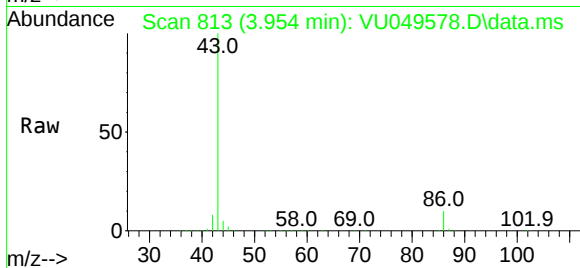




#23
 Vinyl Acetate
 Concen: 275.974 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

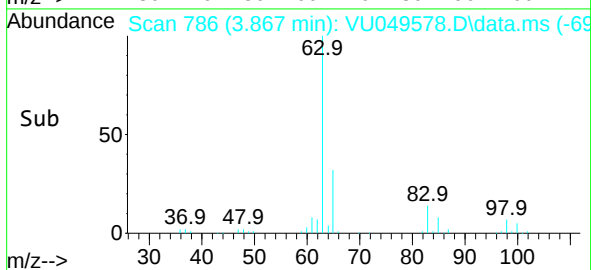
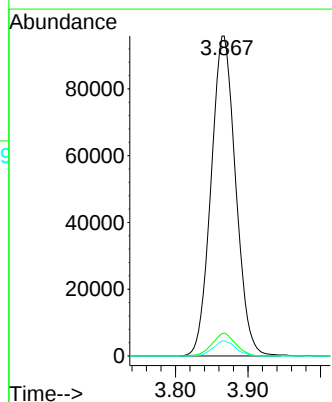
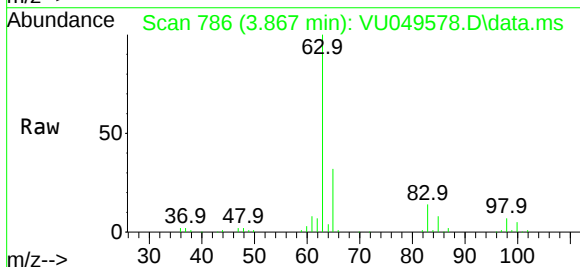
Instrument :
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 ClientSampleId :
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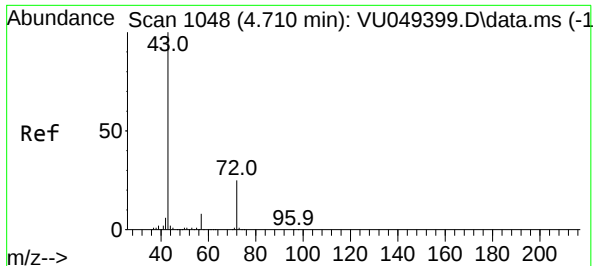
Tgt Ion: 43 Resp: 1805134
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 52.683 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion: 63 Resp: 225833
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 284.285 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.010 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

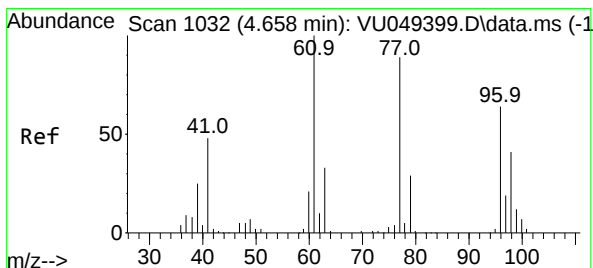
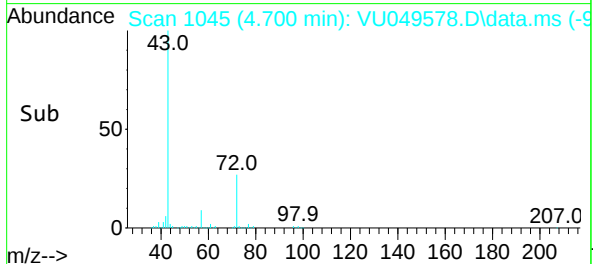
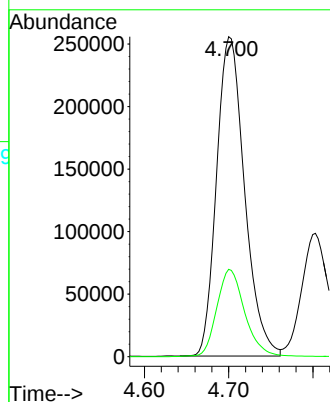
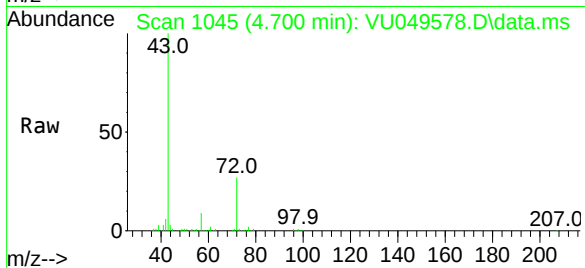
VSTDCCC050EC

Tgt Ion: 43 Resp: 589181

Ion Ratio Lower Upper

43 100

72 27.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 38.441 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049578.D

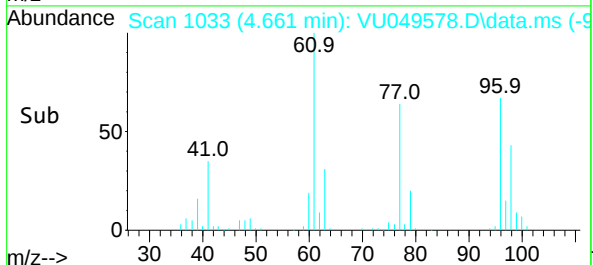
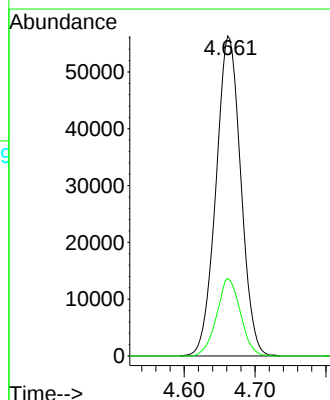
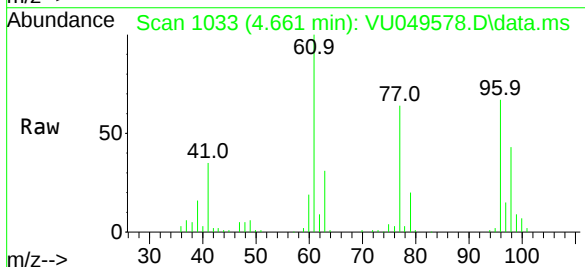
Acq: 30 Jun 2022 21:05

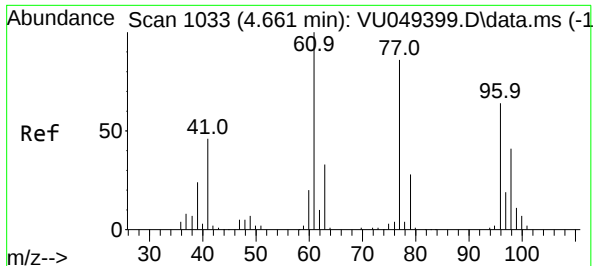
Tgt Ion: 77 Resp: 137147

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8

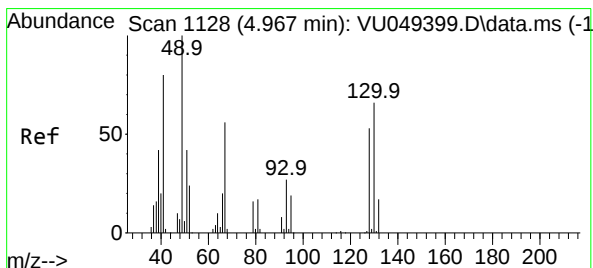
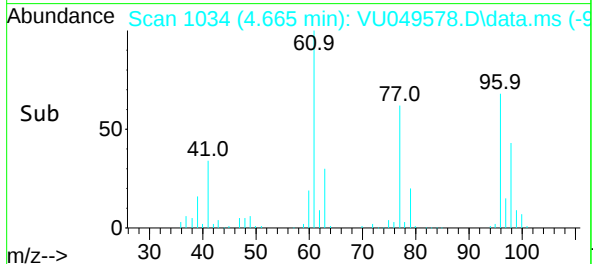
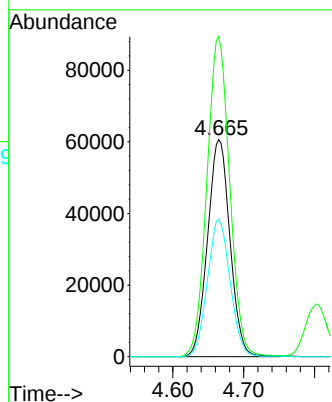
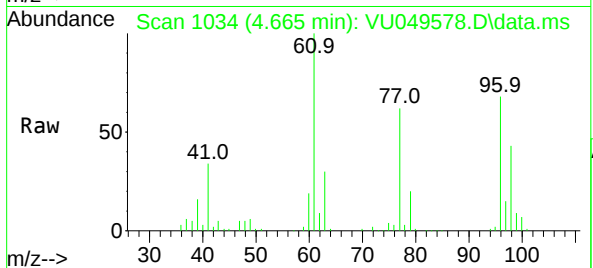




#27
 cis-1,2-Dichloroethene
 Concen: 55.102 ug/l
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

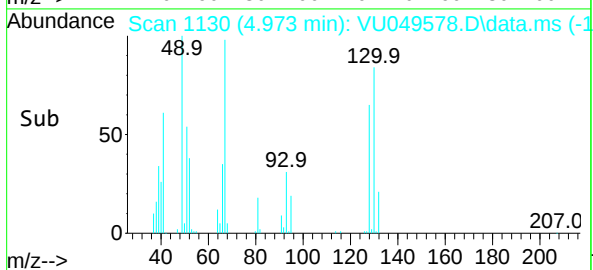
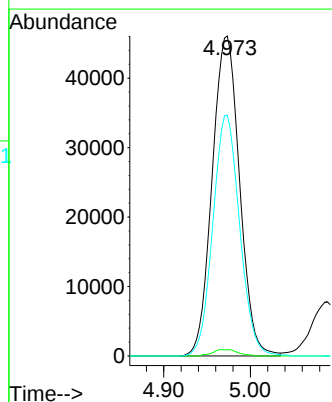
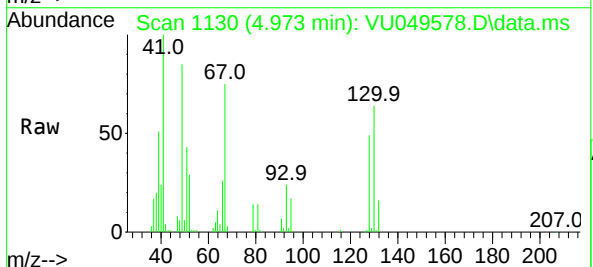
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

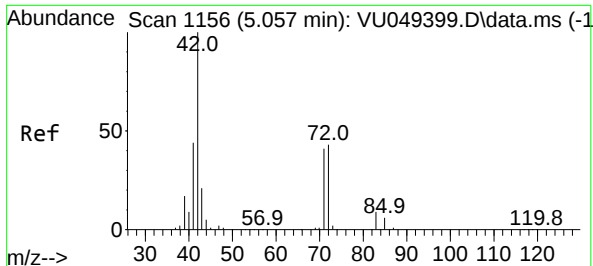
Tgt Ion: 96 Resp: 132730
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 271.6
 98 64.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 54.044 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion: 49 Resp: 101264
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 73.6 76.9 115.3#





#29

Tetrahydrofuran

Concen: 277.534 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

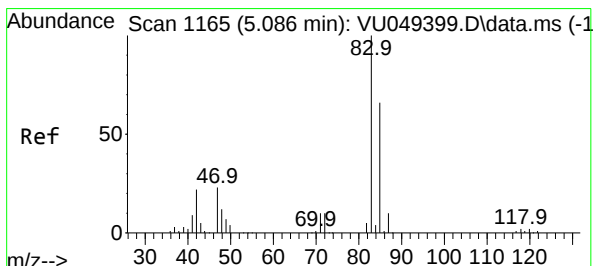
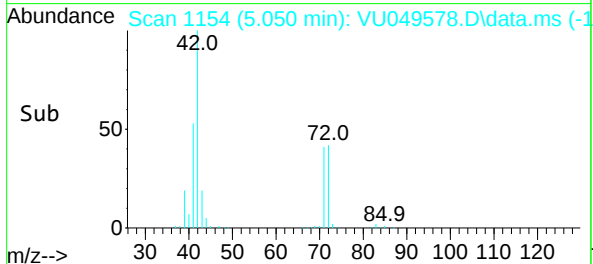
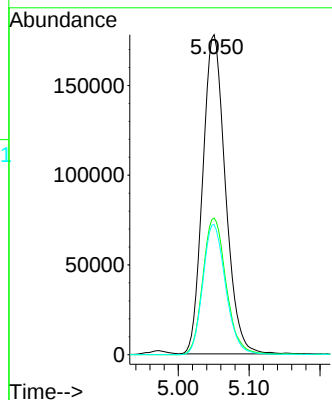
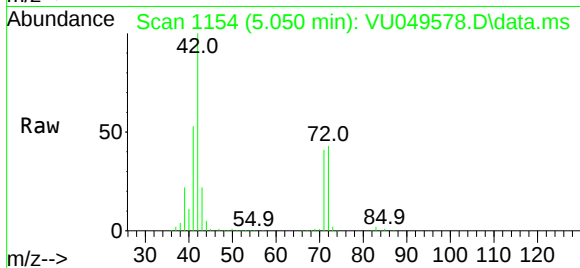
Tgt Ion: 42 Resp: 394585

Ion Ratio Lower Upper

42 100

72 44.1 42.6 63.8

71 41.1 40.3 60.5



#30

Chloroform

Concen: 52.382 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU049578.D

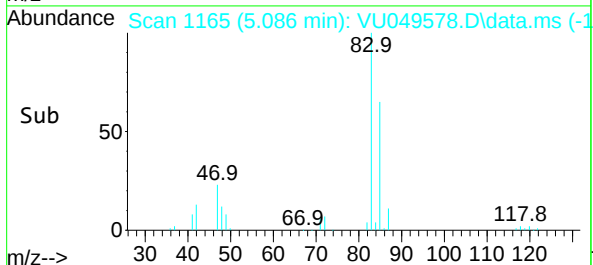
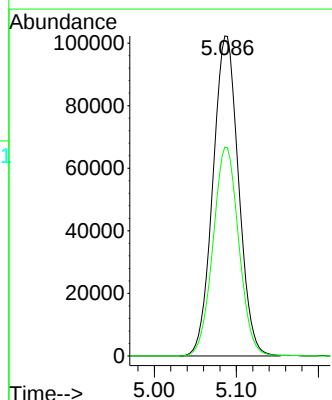
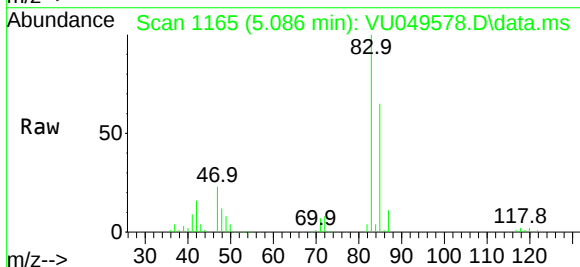
Acq: 30 Jun 2022 21:05

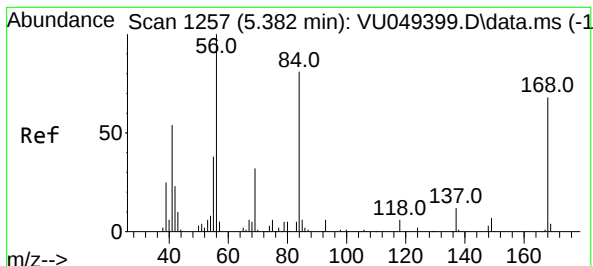
Tgt Ion: 83 Resp: 222119

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8





#31

Cyclohexane

Concen: 42.222 ug/l

RT: 5.385 min Scan# 1257

Delta R.T. 0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

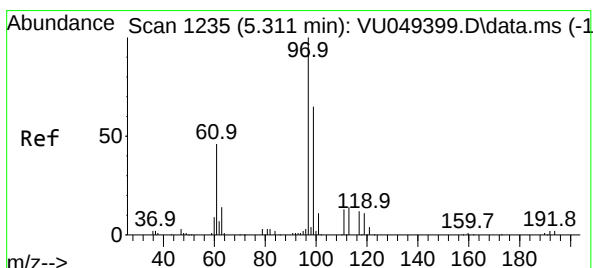
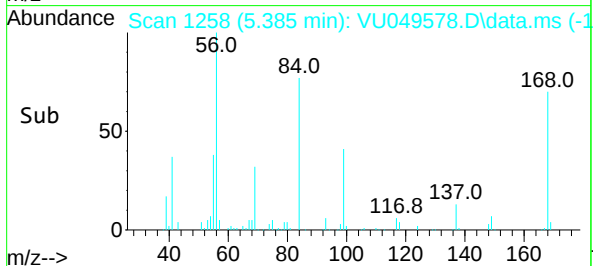
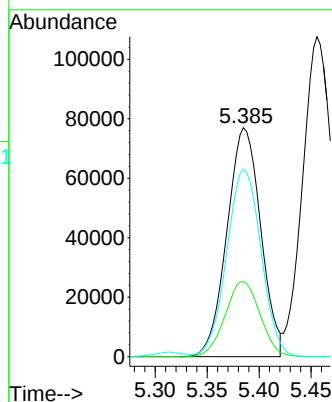
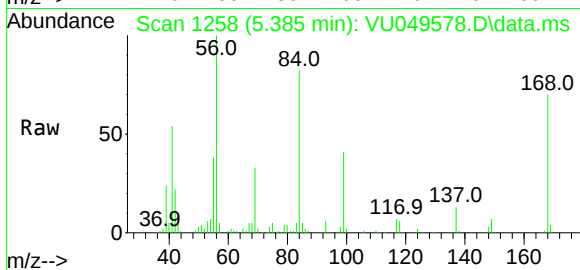
Tgt Ion: 56 Resp: 173852

Ion Ratio Lower Upper

56 100

69 32.7 27.8 41.8

84 80.5 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 50.462 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

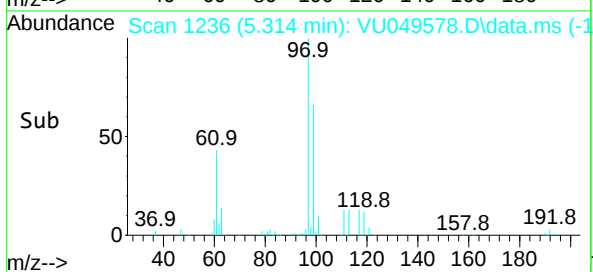
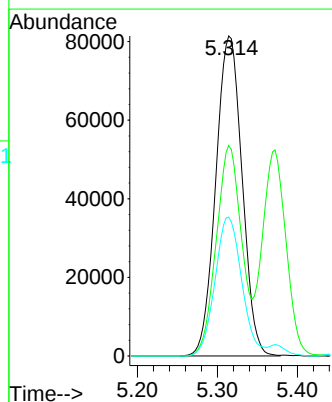
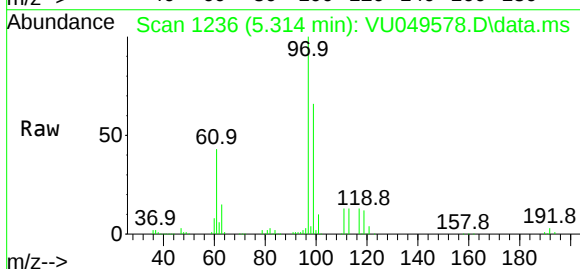
Tgt Ion: 97 Resp: 185656

Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.6

61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.508 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

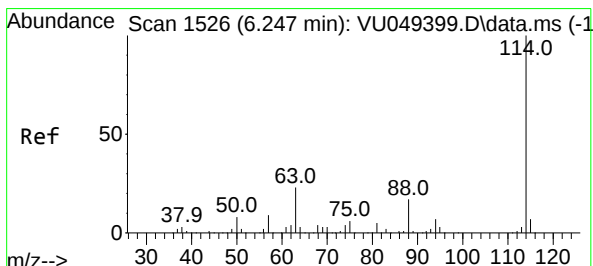
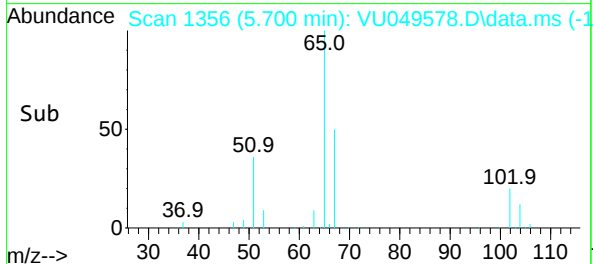
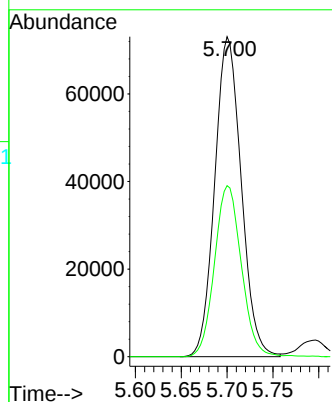
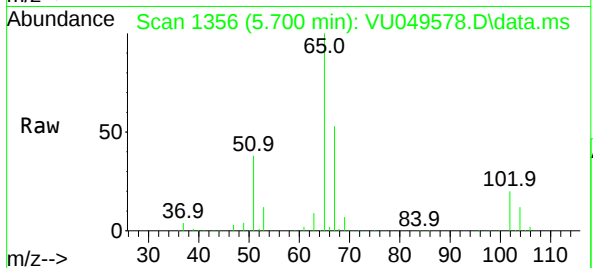
VSTDCCC050EC

Tgt Ion: 65 Resp: 146734

Ion Ratio Lower Upper

65 100

67 54.0 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: VU049578.D

Acq: 30 Jun 2022 21:05

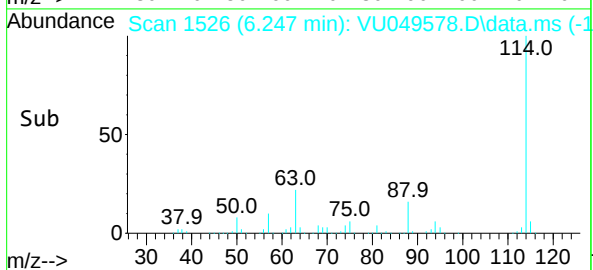
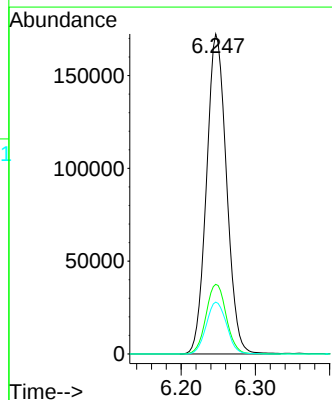
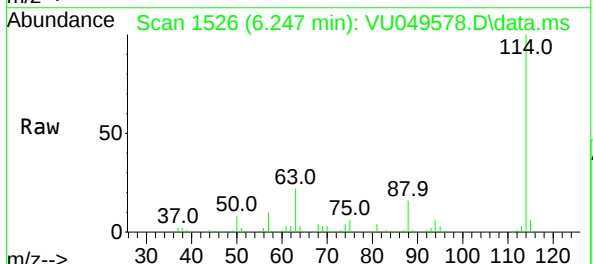
Tgt Ion: 114 Resp: 322369

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.2 0.0 29.2

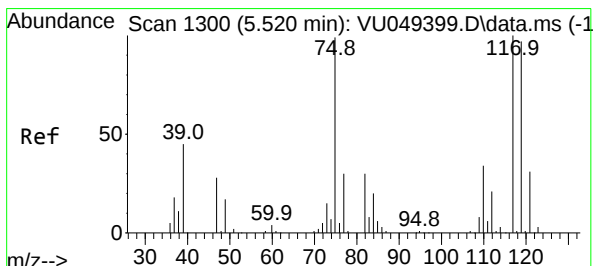
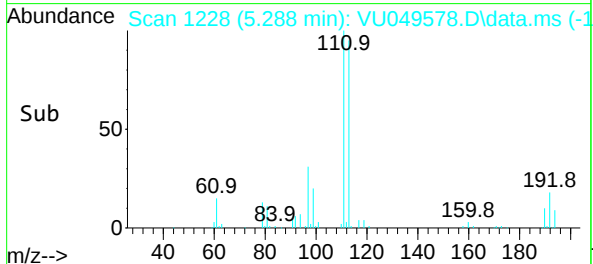
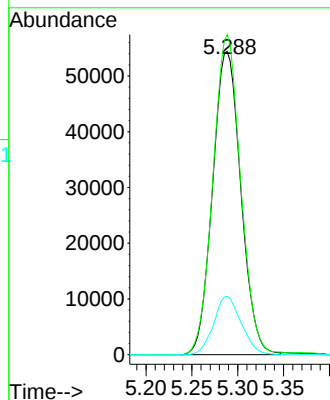
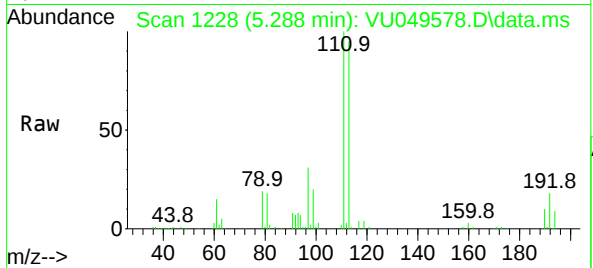




#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

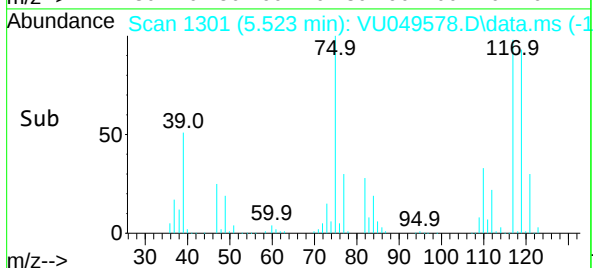
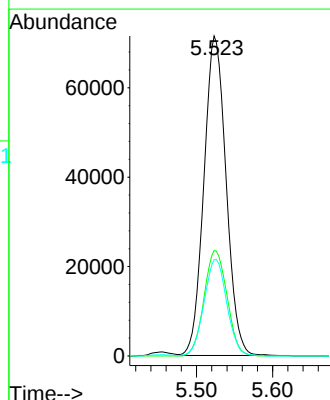
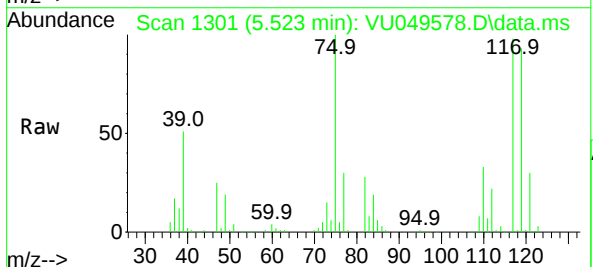
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

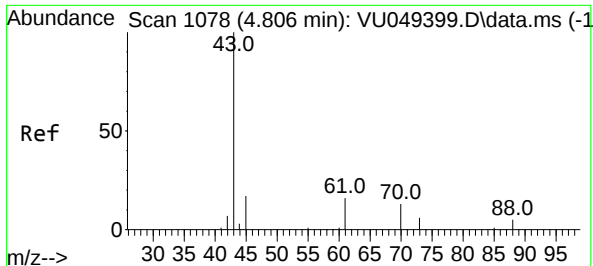
Tgt Ion:113 Resp: 116408
Ion Ratio Lower Upper
113 100
111 103.7 82.1 123.1
192 18.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 44.288 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 75 Resp: 144832
Ion Ratio Lower Upper
75 100
110 34.1 18.4 55.2
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 50.222 ug/l

RT: 4.803 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

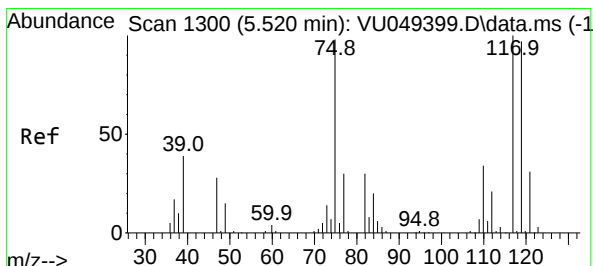
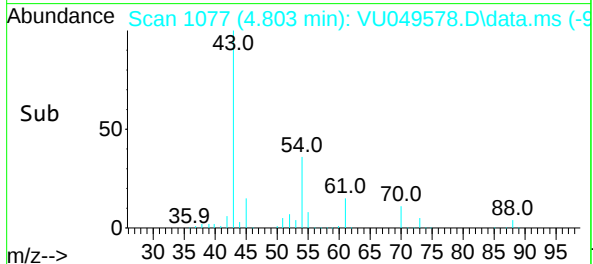
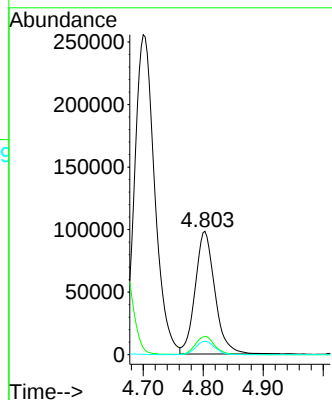
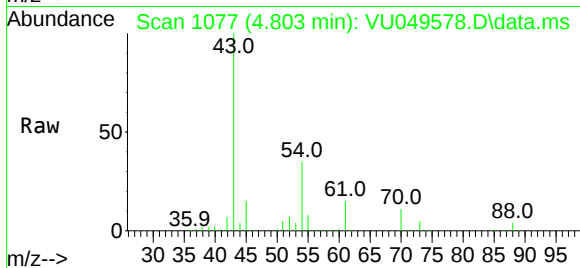
Tgt Ion: 43 Resp: 224430

Ion Ratio Lower Upper

43 100

61 14.4 9.5 14.3#

70 10.6 7.5 11.3



#38

Carbon Tetrachloride

Concen: 44.175 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

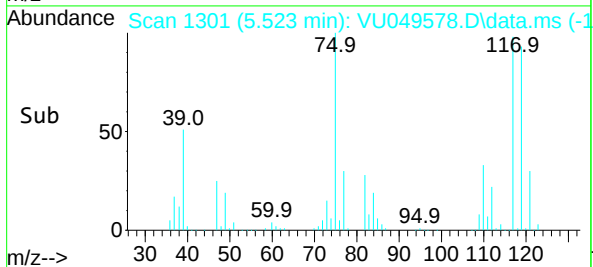
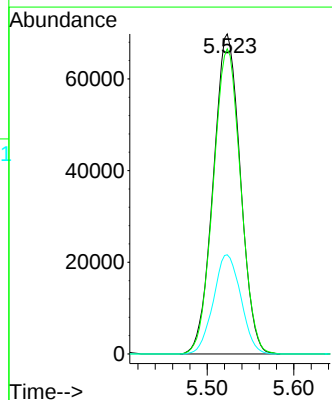
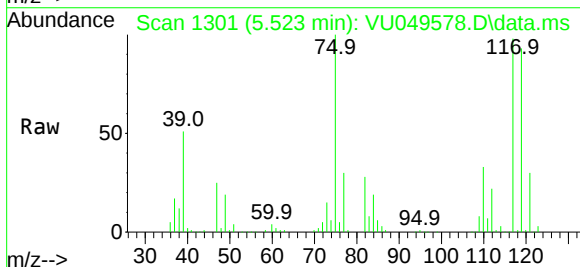
Tgt Ion: 117 Resp: 151507

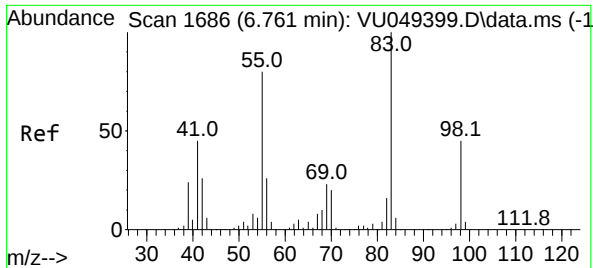
Ion Ratio Lower Upper

117 100

119 95.3 76.8 115.2

121 31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 39.474 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

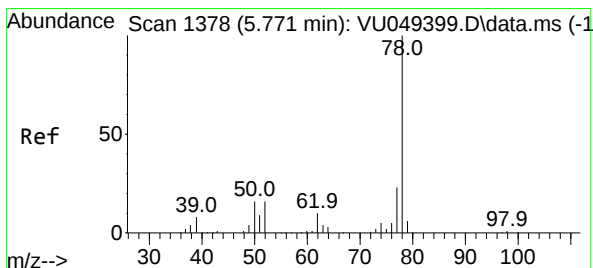
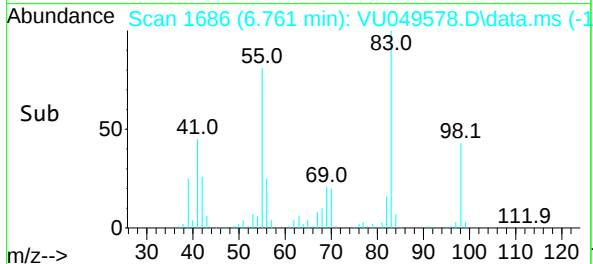
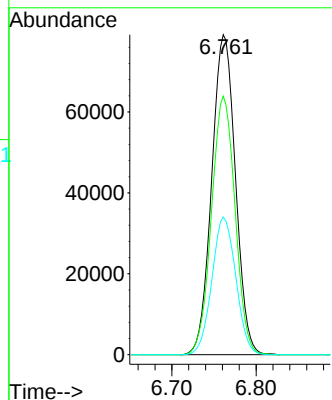
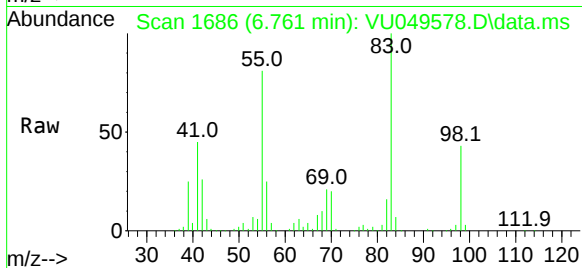
Tgt Ion: 83 Resp: 154734

Ion Ratio Lower Upper

83 100

55 80.8 55.3 82.9

98 43.0 37.3 55.9



#40

Benzene

Concen: 49.060 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049578.D

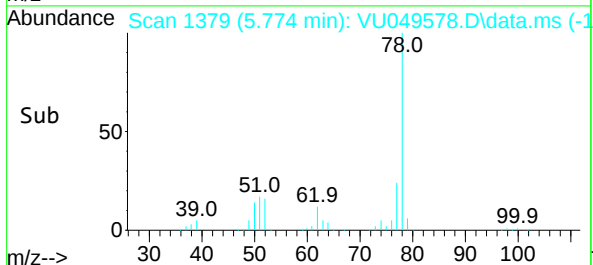
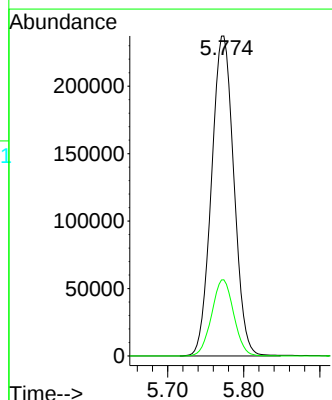
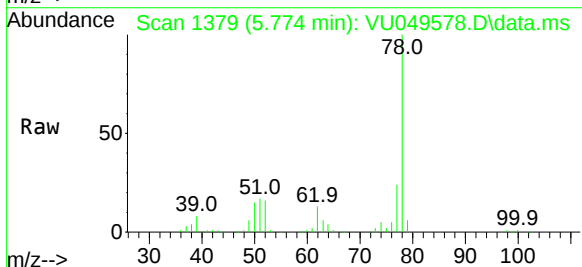
Acq: 30 Jun 2022 21:05

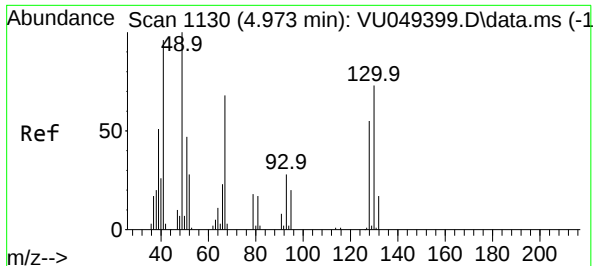
Tgt Ion: 78 Resp: 484391

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

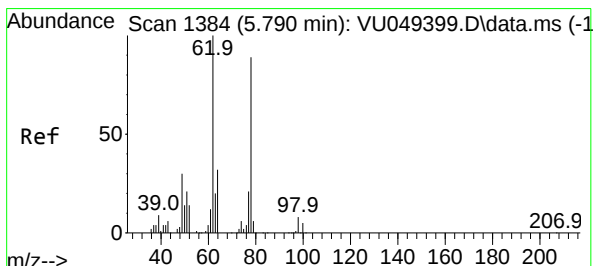
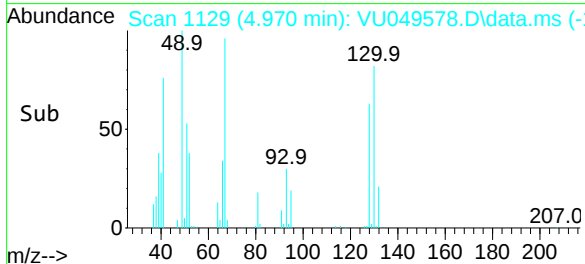
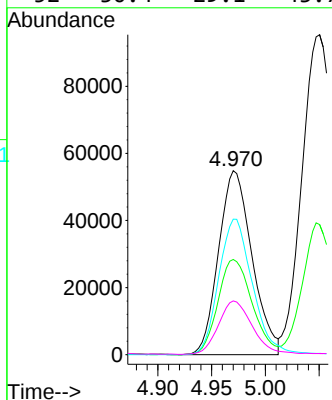
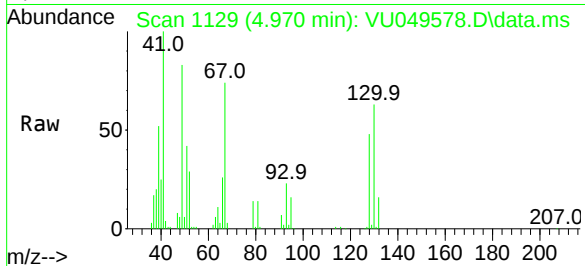




#41
Methacrylonitrile
Concen: 53.039 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

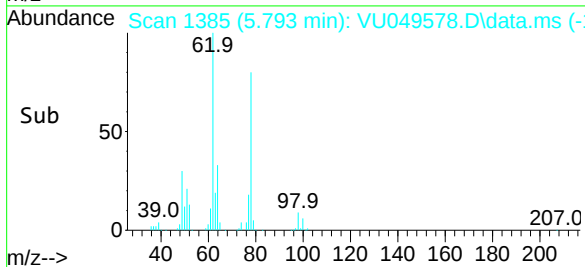
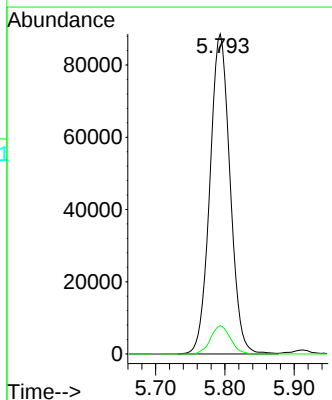
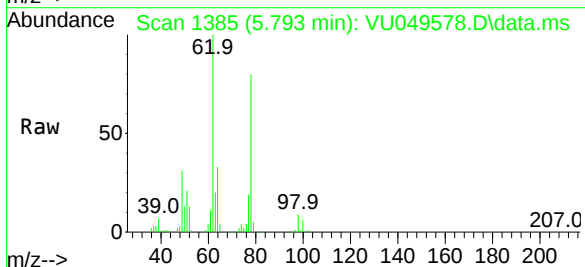
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

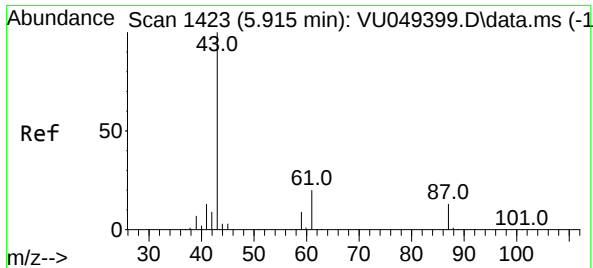
Tgt Ion: 41 Resp: 118763
Ion Ratio Lower Upper
41 100
39 53.0 43.1 64.7
67 74.6 72.3 108.5
52 30.4 29.1 43.7



#42
1,2-Dichloroethane
Concen: 48.767 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 62 Resp: 179206
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.6

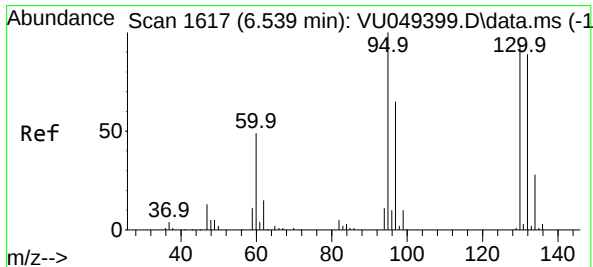
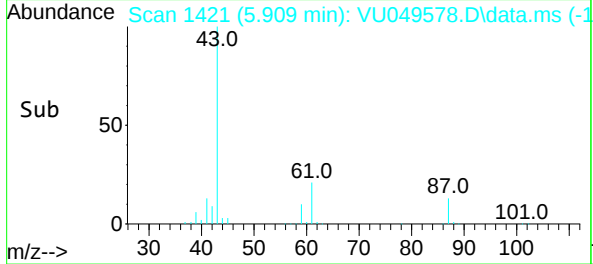
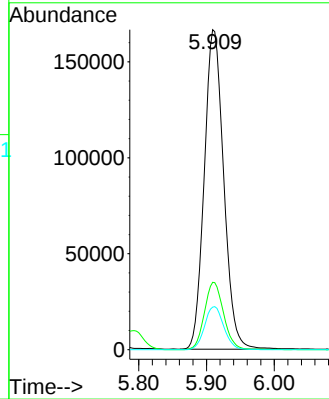
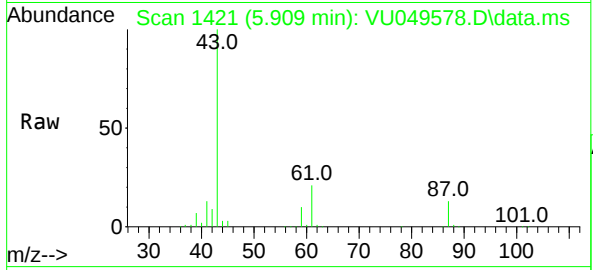




#43
Isopropyl Acetate
Concen: 50.736 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

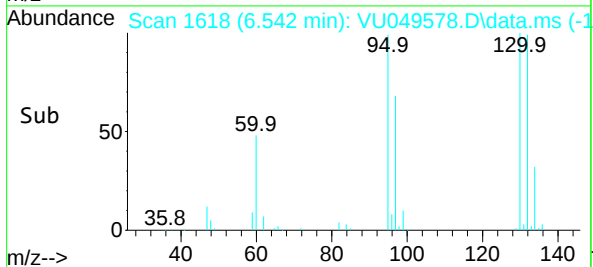
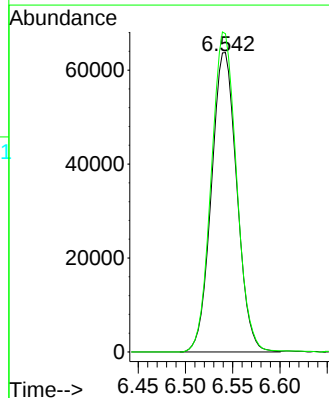
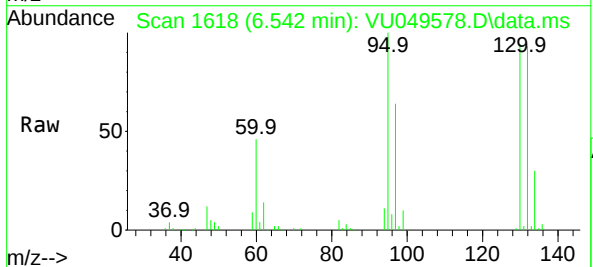
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

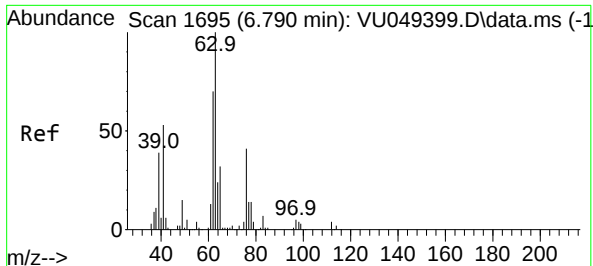
Tgt Ion: 43 Resp: 332217
Ion Ratio Lower Upper
43 100
61 20.8 17.4 26.0
87 13.3 12.6 18.8



#44
Trichloroethene
Concen: 50.774 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:130 Resp: 119172
Ion Ratio Lower Upper
130 100
95 106.3 0.0 184.6





#45

1,2-Dichloropropane

Concen: 50.028 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

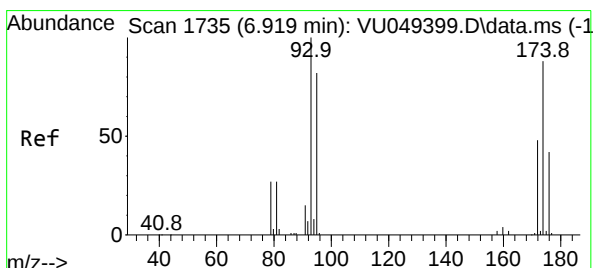
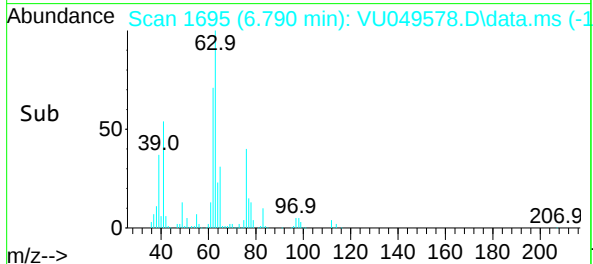
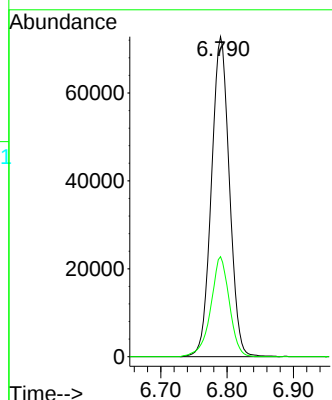
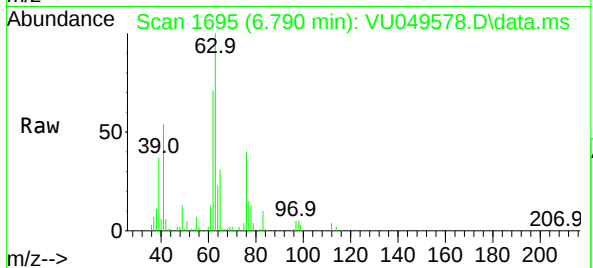
VSTDCCC050EC

Tgt Ion: 63 Resp: 136868

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 51.120 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

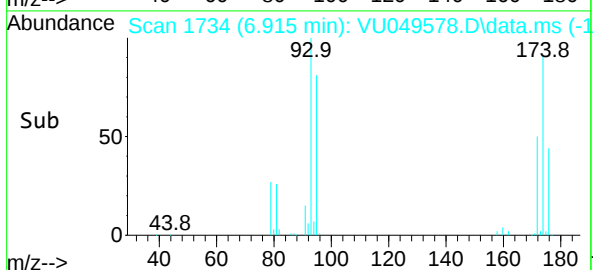
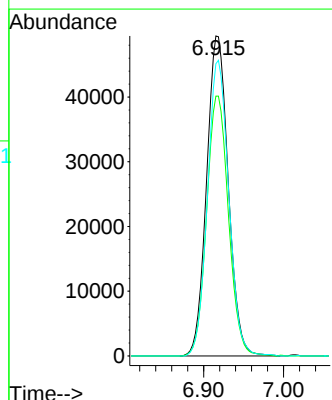
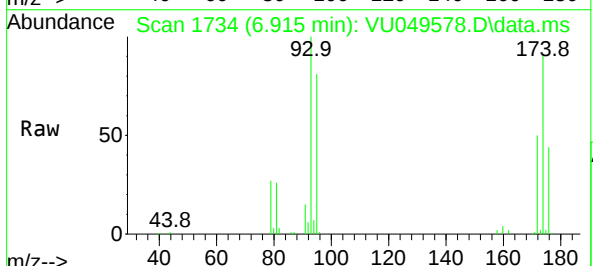
Tgt Ion: 93 Resp: 93243

Ion Ratio Lower Upper

93 100

95 81.8 66.3 99.5

174 90.7 88.2 132.4

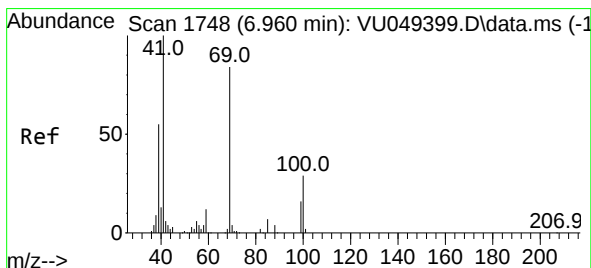
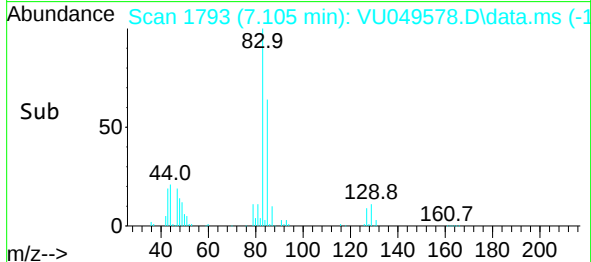
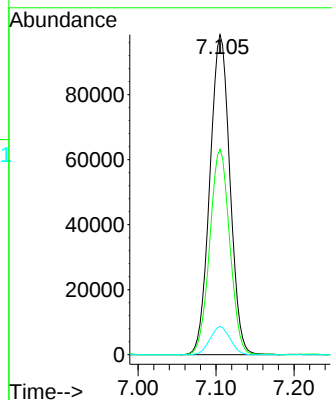
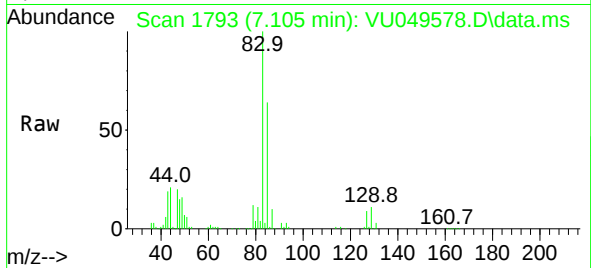




#47
Bromodichloromethane
Concen: 50.174 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

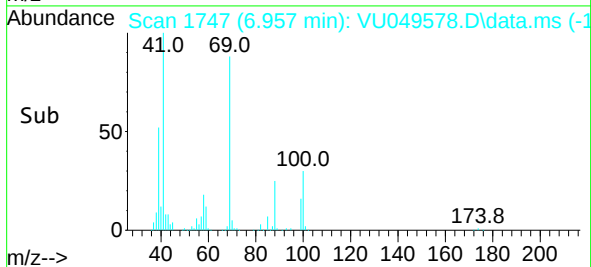
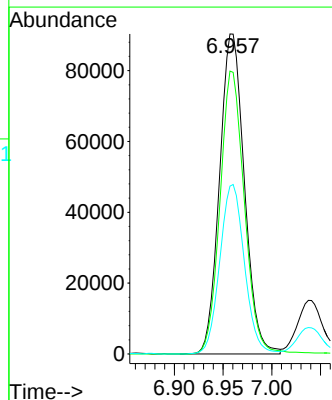
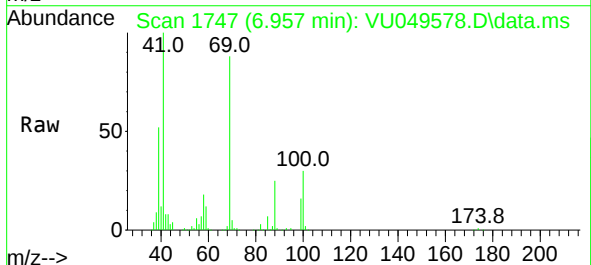
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

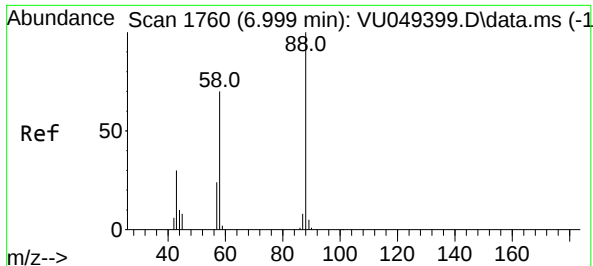
Tgt Ion: 83 Resp: 176146
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 52.150 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 41 Resp: 160027
Ion Ratio Lower Upper
41 100
69 87.1 79.8 119.6
39 52.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1104.503 ug/l

RT: 6.973 min Scan# 1

Delta R.T. -0.026 min

Lab File: VU049578.D

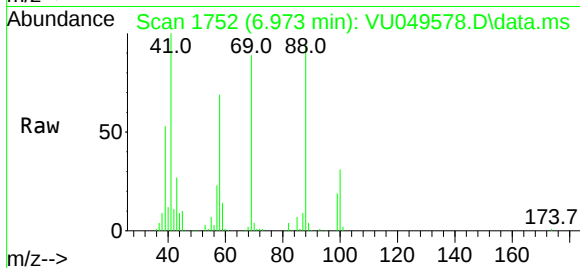
Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



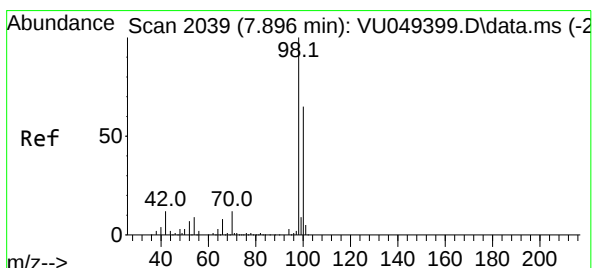
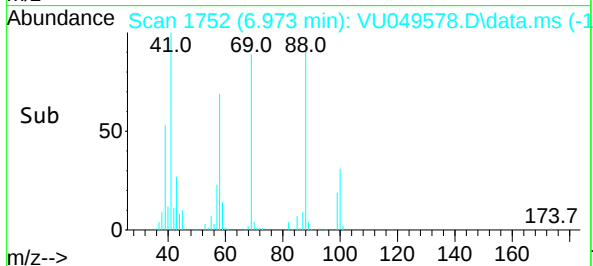
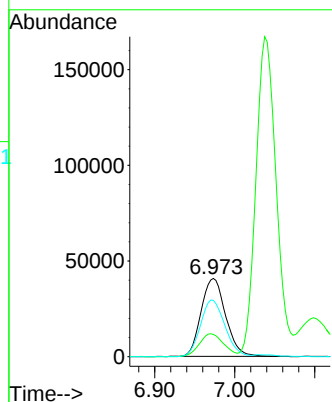
Tgt Ion: 88 Resp: 86832

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0#

58 72.6 15.4 23.0#



#50

Toluene-d8

Concen: 49.502 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049578.D

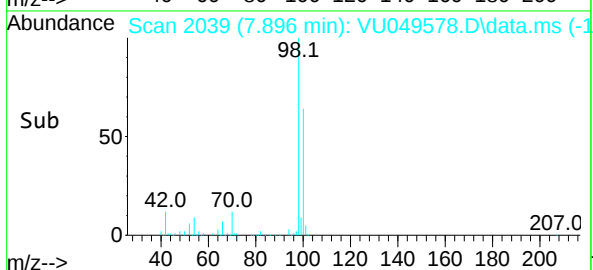
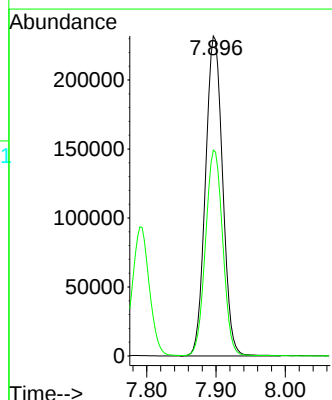
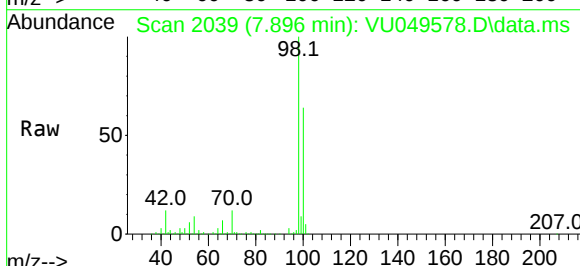
Acq: 30 Jun 2022 21:05

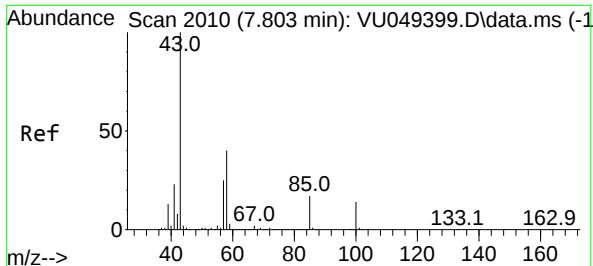
Tgt Ion: 98 Resp: 398207

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 252.642 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

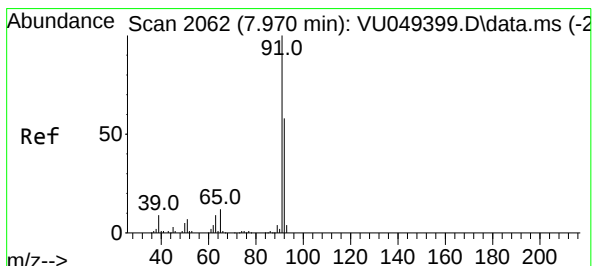
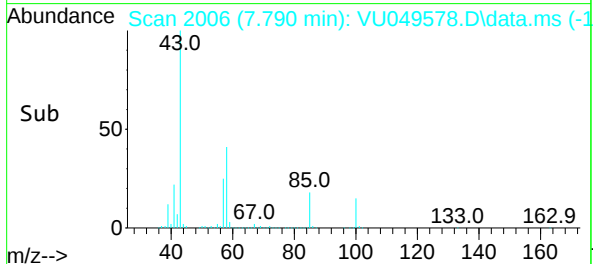
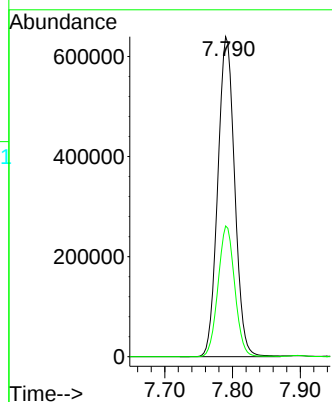
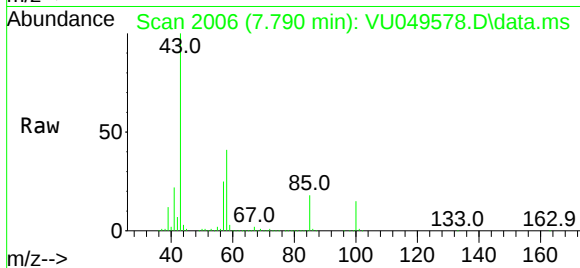
VSTDCCC050EC

Tgt Ion: 43 Resp: 1107129

Ion Ratio Lower Upper

43 100

58 40.3 34.7 52.1



#52

Toluene

Concen: 48.988 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049578.D

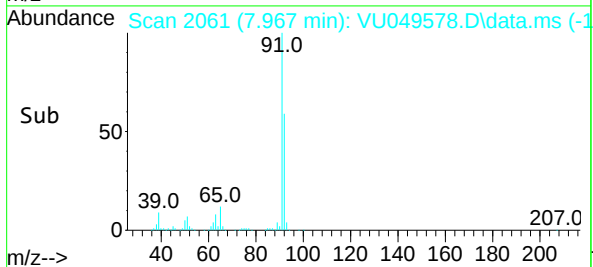
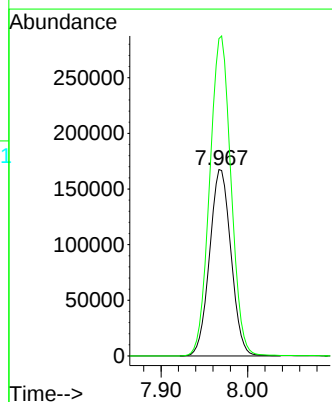
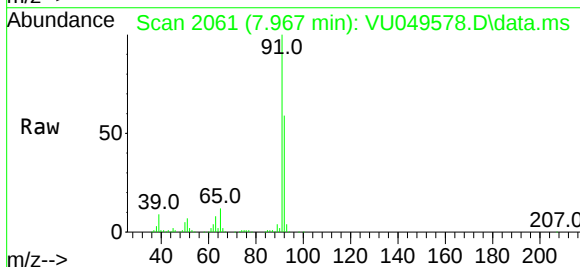
Acq: 30 Jun 2022 21:05

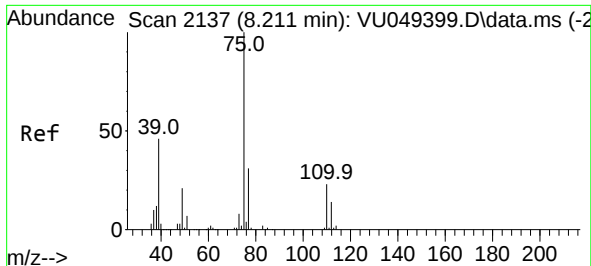
Tgt Ion: 92 Resp: 287478

Ion Ratio Lower Upper

92 100

91 171.1 138.2 207.4

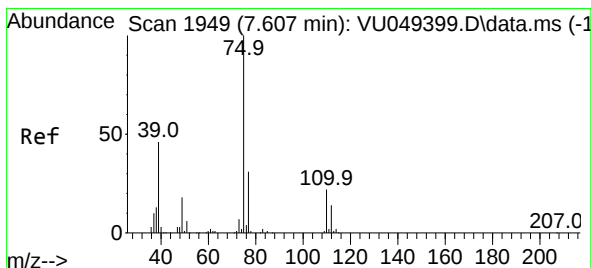
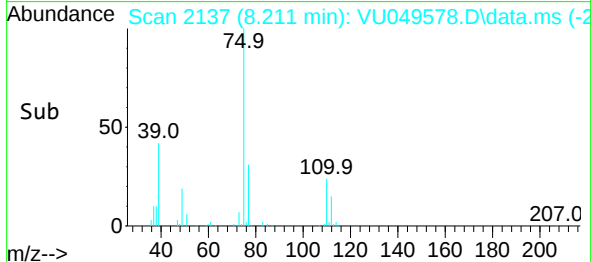
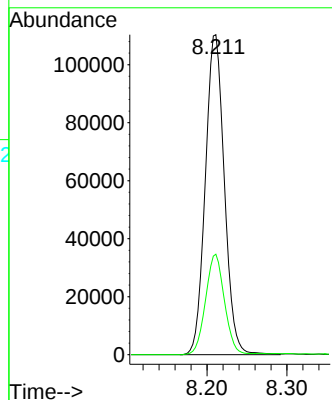
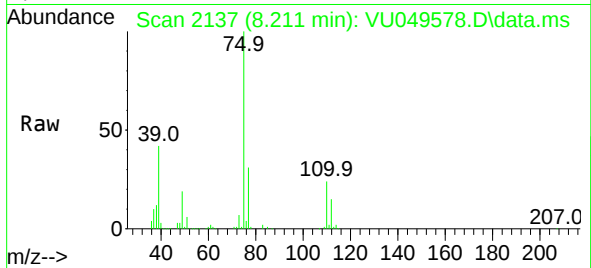




#53
 t-1,3-Dichloropropene
 Concen: 48.600 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

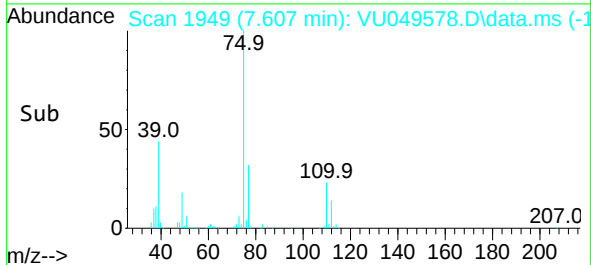
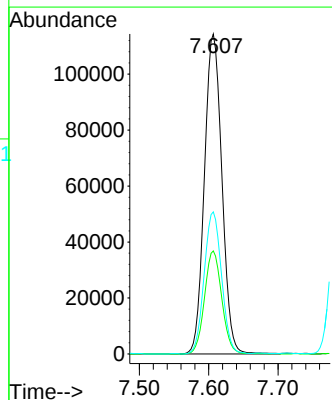
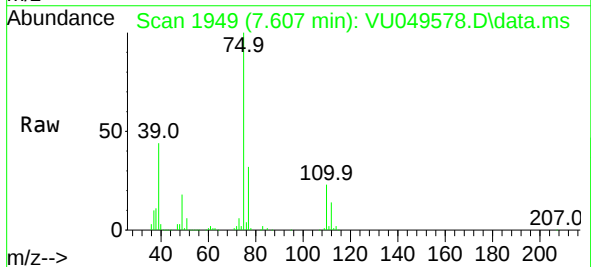
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 183019
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.842 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion: 75 Resp: 200410
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5
 39 44.4 33.0 49.6

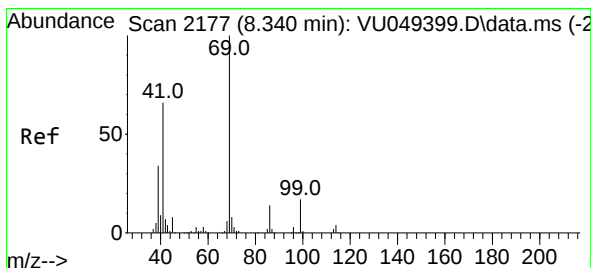
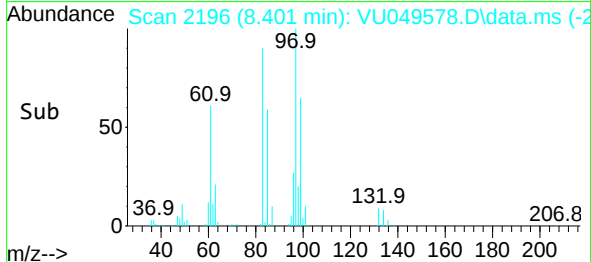
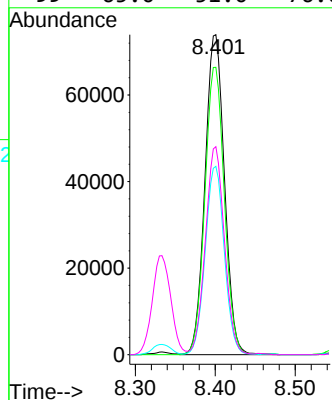
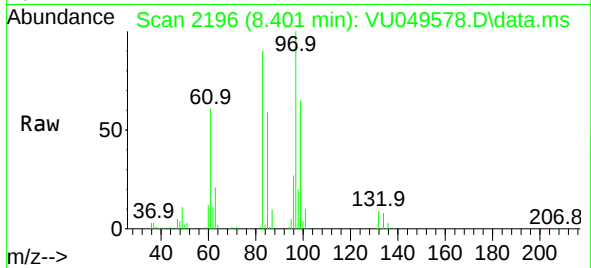




#55
1,1,2-Trichloroethane
Concen: 51.803 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

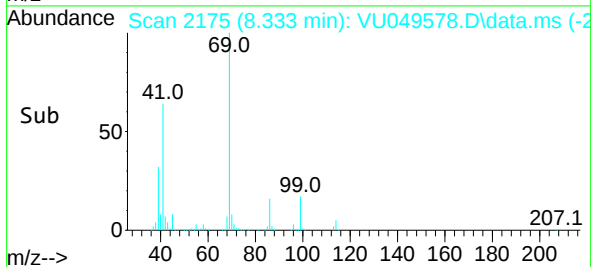
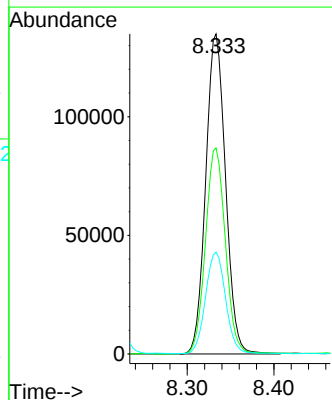
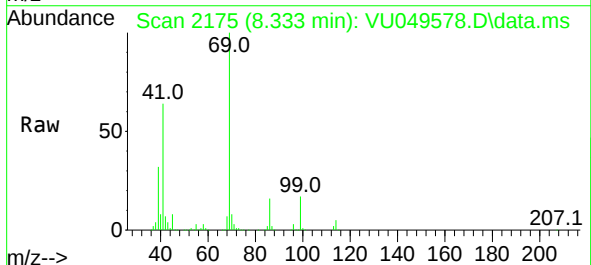
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

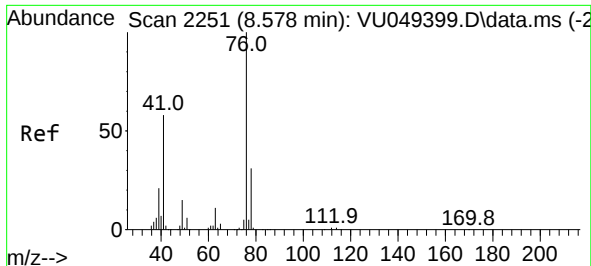
Tgt Ion:	97	Resp:	125690
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.2	105.4
85	58.9	44.6	66.8
99	65.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 52.909 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:	69	Resp:	214708
Ion	Ratio	Lower	Upper
69	100		
41	65.0	45.4	68.0
39	32.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 50.322 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

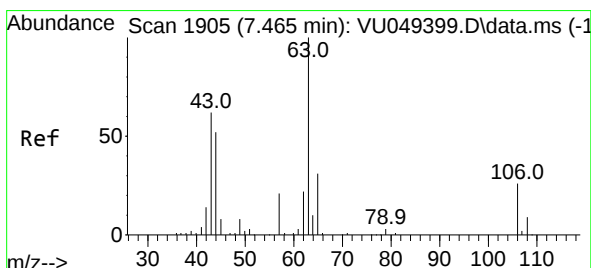
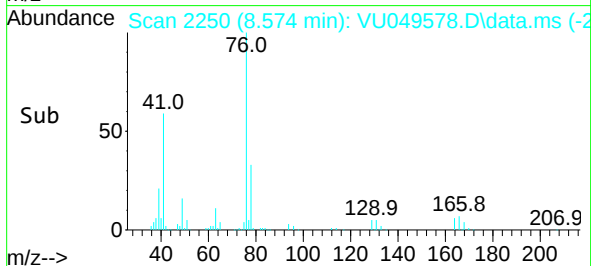
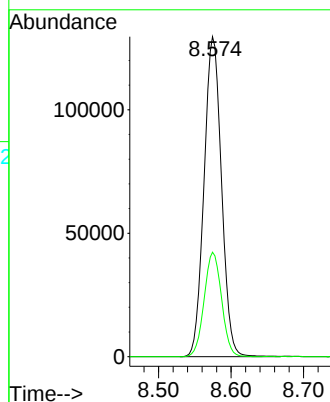
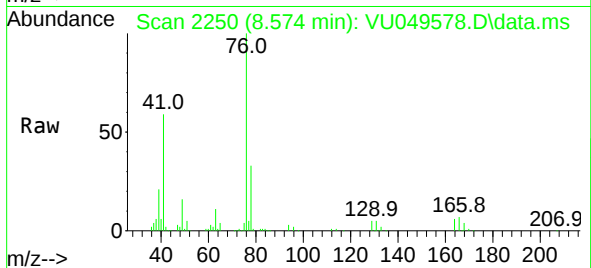
VSTDCCC050EC

Tgt Ion: 76 Resp: 216590

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 417.611 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049578.D

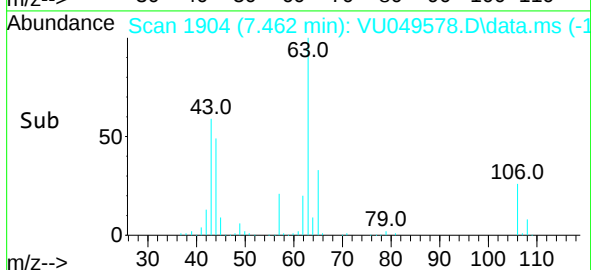
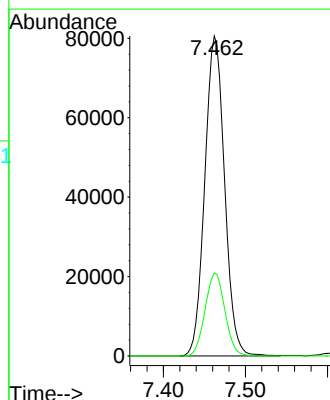
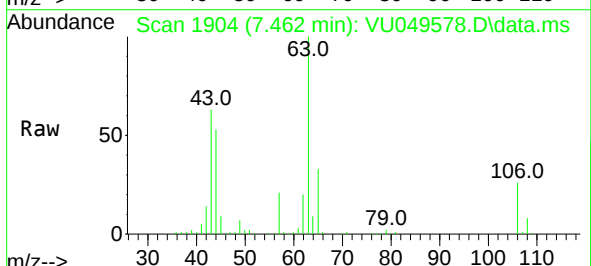
Acq: 30 Jun 2022 21:05

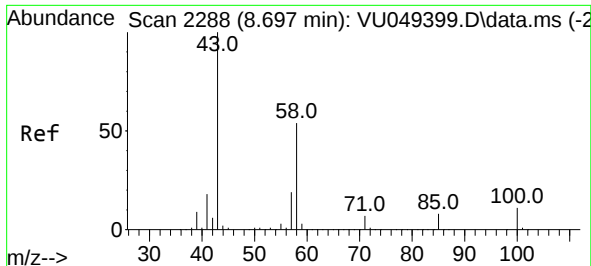
Tgt Ion: 63 Resp: 135071

Ion Ratio Lower Upper

63 100

106 25.9 23.1 34.7

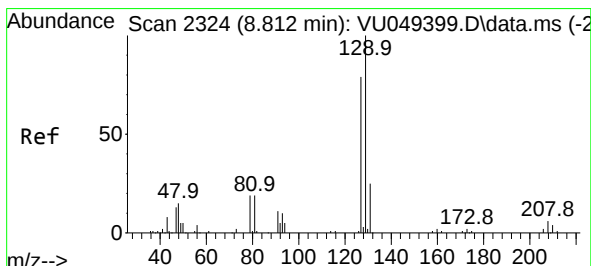
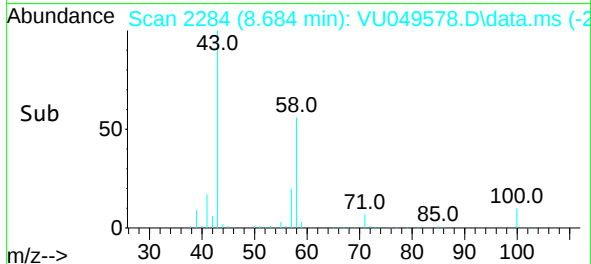
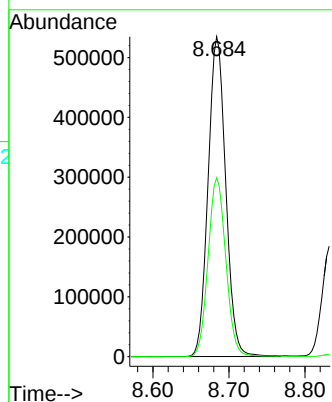
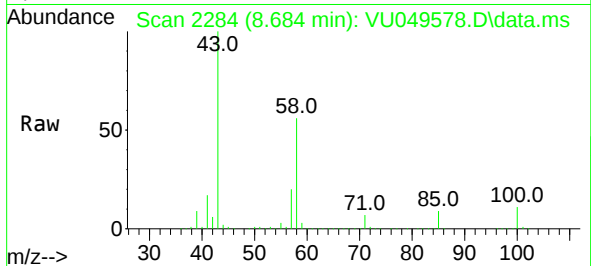




#59
2-Hexanone
Concen: 249.722 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

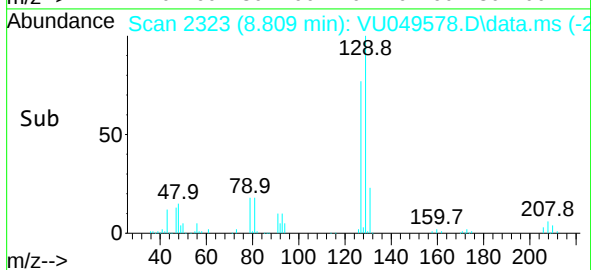
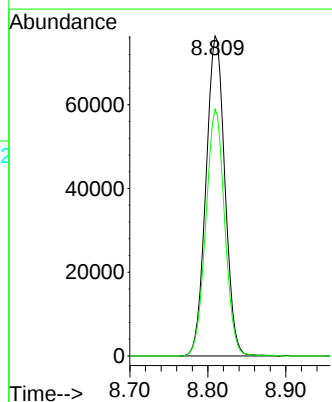
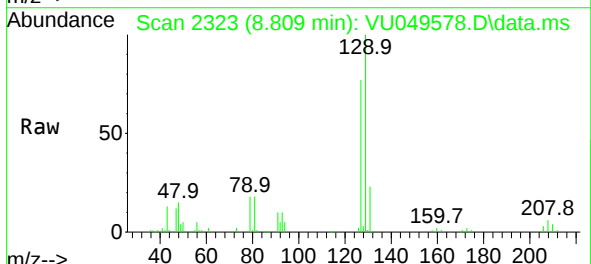
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

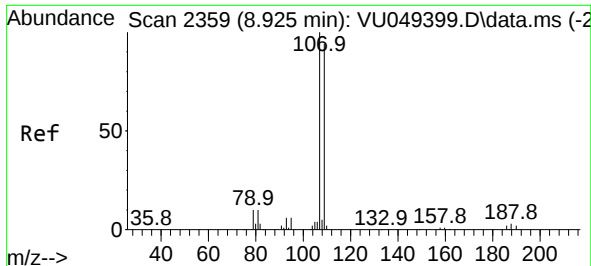
Tgt Ion: 43 Resp: 860569
Ion Ratio Lower Upper
43 100
58 56.4 30.3 90.8



#60
Dibromochloromethane
Concen: 50.957 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 129 Resp: 128570
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

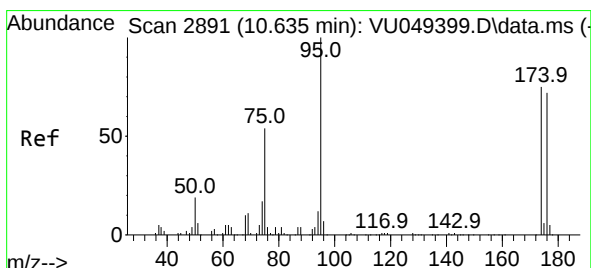
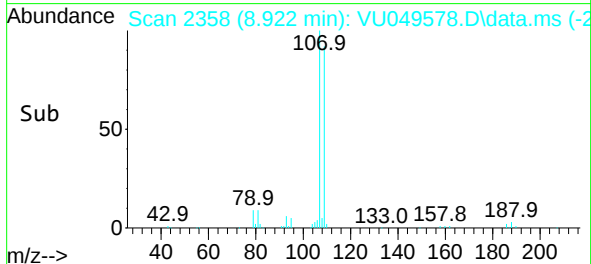
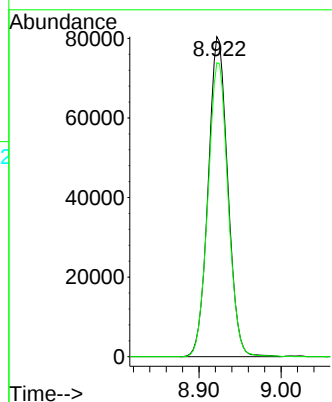
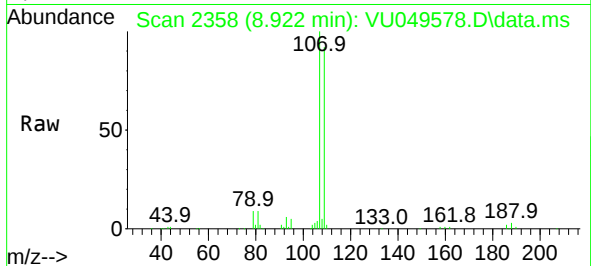




#61
1,2-Dibromoethane
Concen: 50.536 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

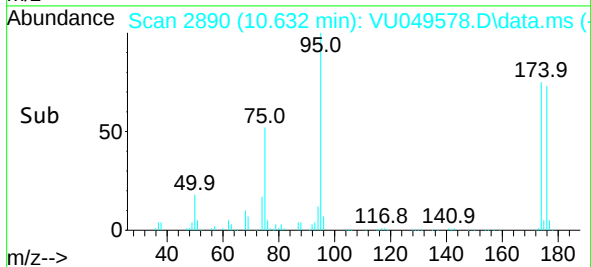
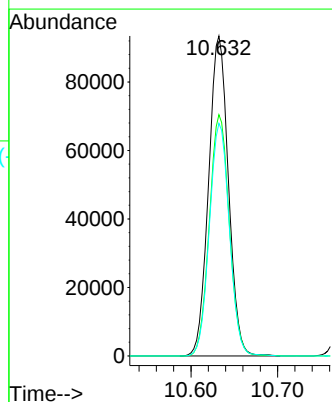
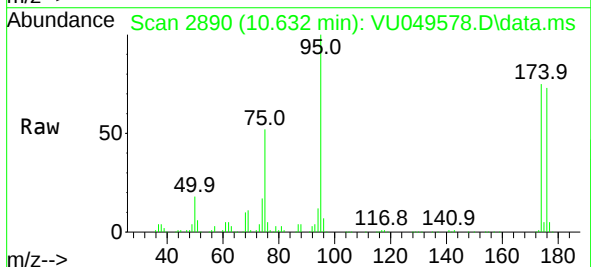
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 133622
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 48.133 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 95 Resp: 148323
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 73.2 0.0 177.8

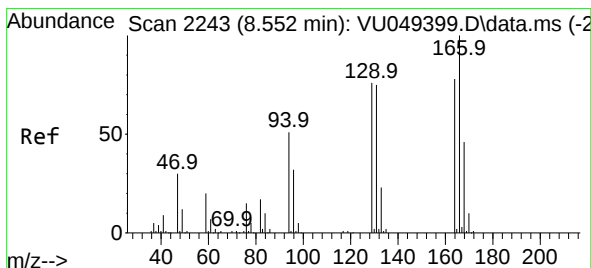
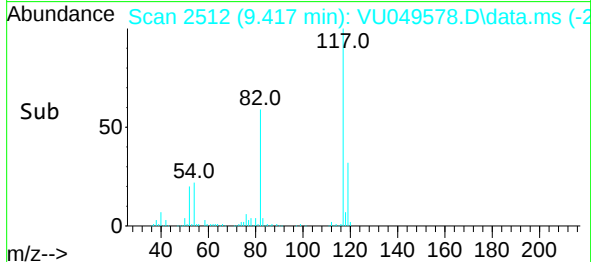
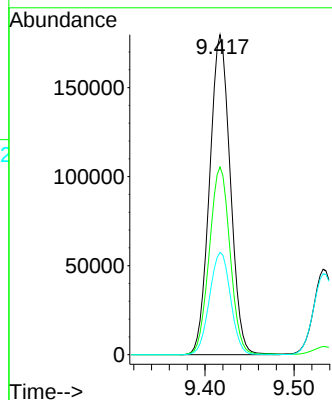
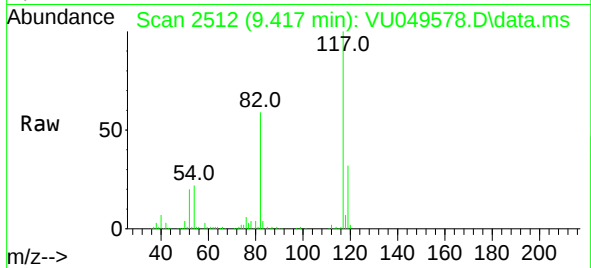




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

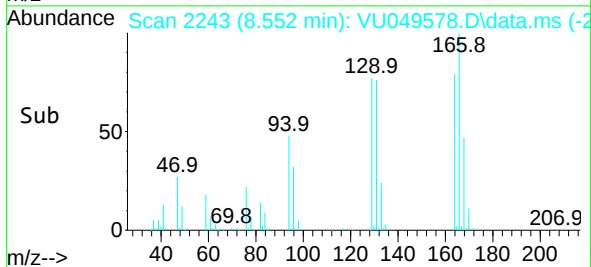
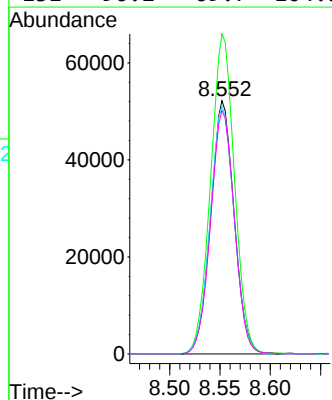
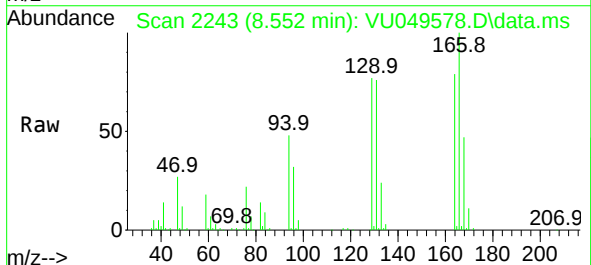
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

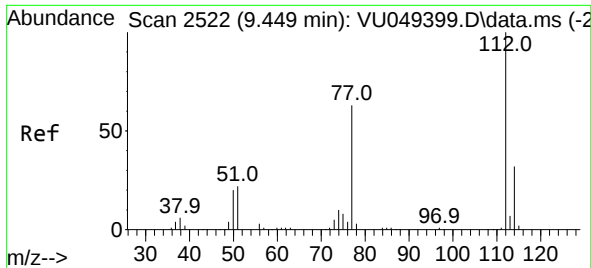
Tgt Ion:117 Resp: 289232
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 45.797 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:164 Resp: 84958
Ion Ratio Lower Upper
164 100
166 126.4 100.0 150.0
129 97.9 72.0 108.0
131 96.2 69.7 104.5

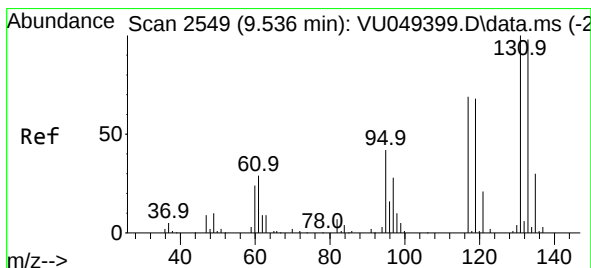
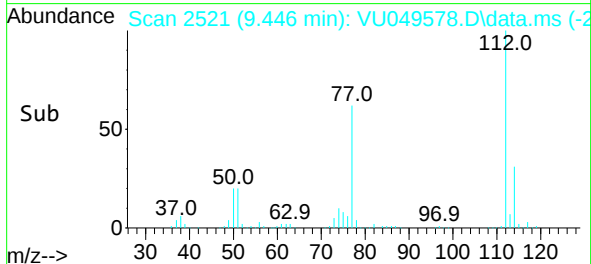
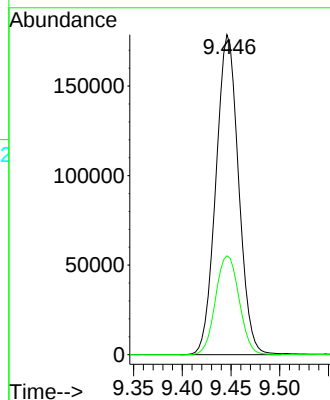
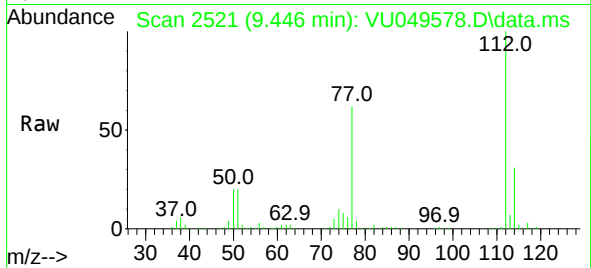




#65
Chlorobenzene
Concen: 48.932 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

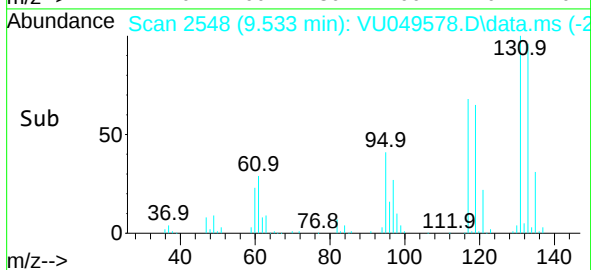
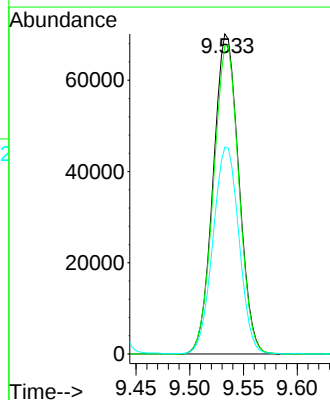
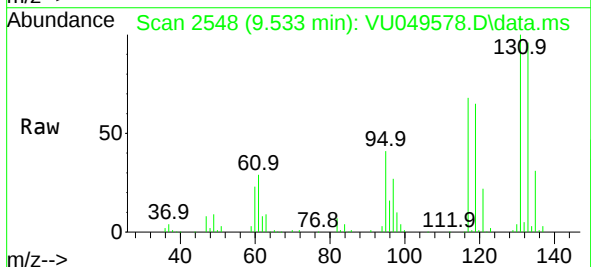
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

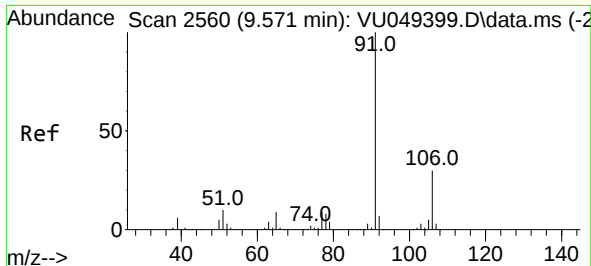
Tgt Ion:112 Resp: 289336
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.949 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:131 Resp: 115879
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 65.9 33.9 101.6





#67

Ethyl Benzene

Concen: 48.301 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

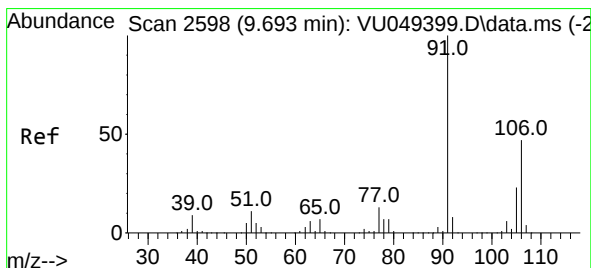
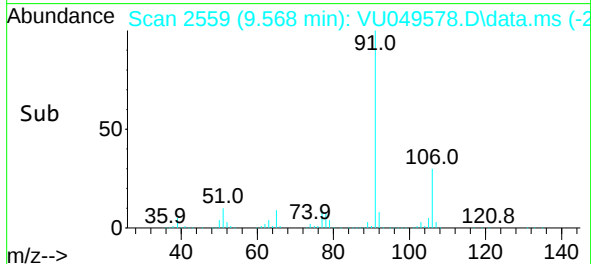
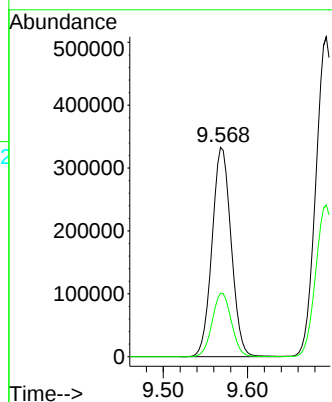
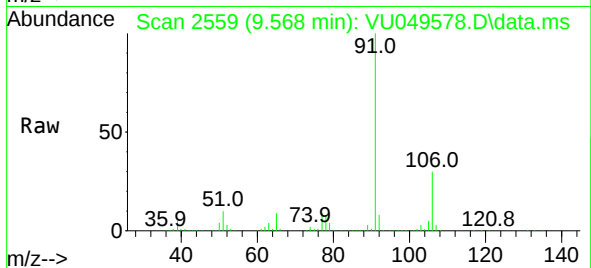
VSTDCCC050EC

Tgt Ion: 91 Resp: 524321

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 97.866 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049578.D

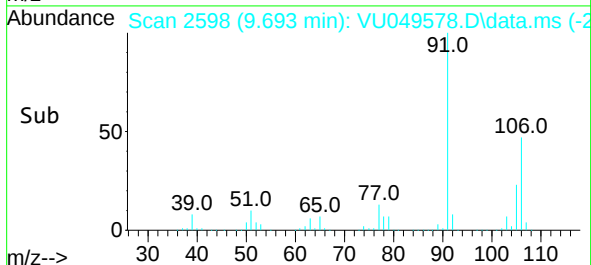
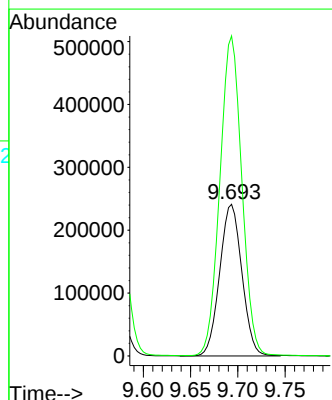
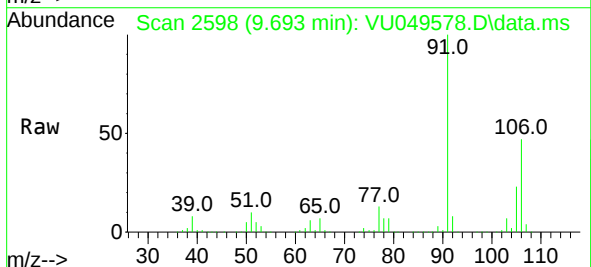
Acq: 30 Jun 2022 21:05

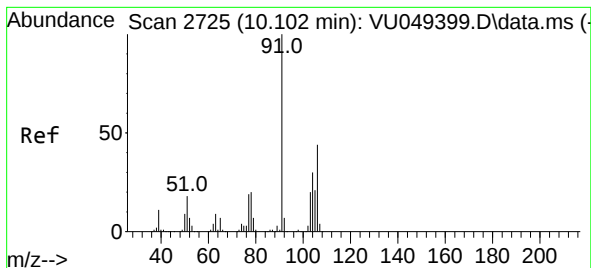
Tgt Ion: 106 Resp: 393078

Ion Ratio Lower Upper

106 100

91 209.0 157.2 235.8





#69

o-Xylene

Concen: 49.659 ug/l

RT: 10.098 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

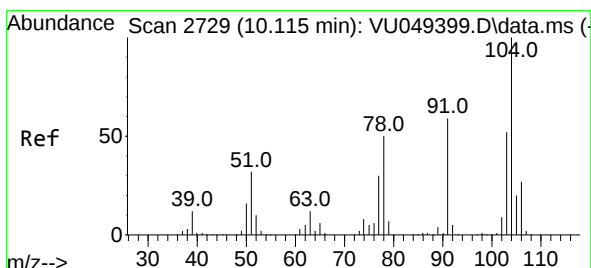
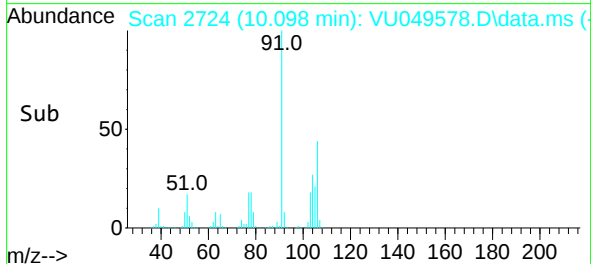
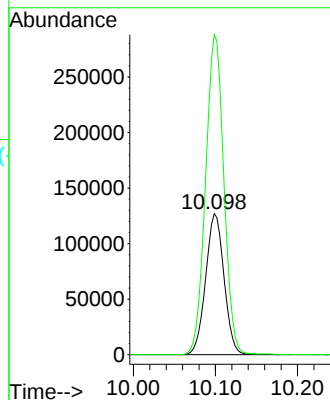
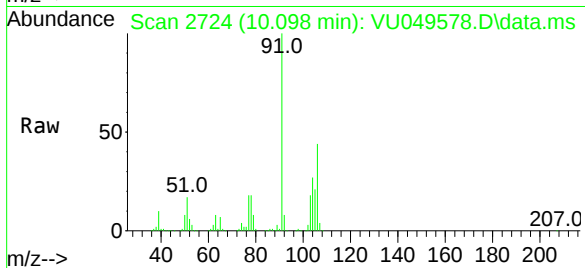
VSTDCCC050EC

Tgt Ion:106 Resp: 198011

Ion Ratio Lower Upper

106 100

91 225.8 103.5 310.5



#70

Styrene

Concen: 51.118 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

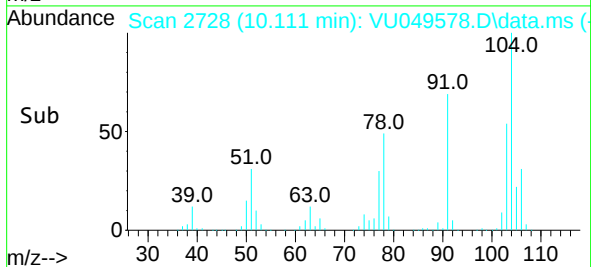
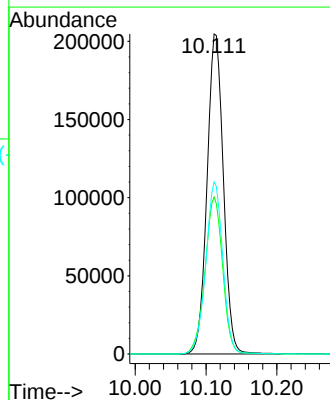
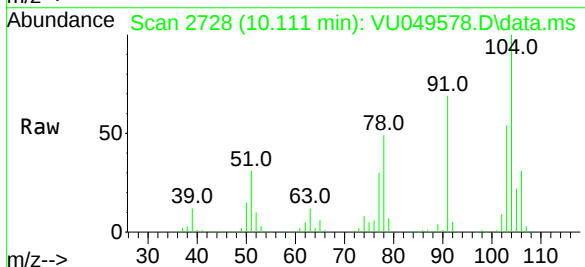
Tgt Ion:104 Resp: 327505

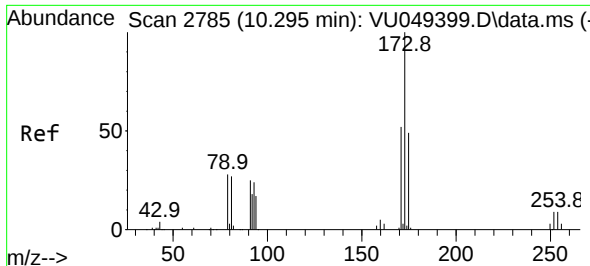
Ion Ratio Lower Upper

104 100

78 52.9 38.0 57.0

103 56.2 43.9 65.9

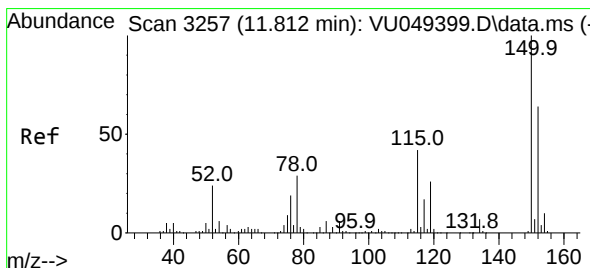
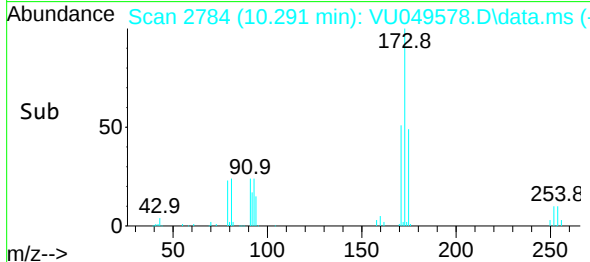
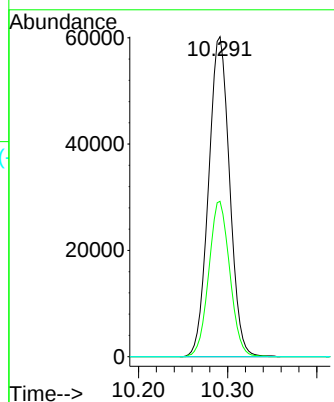
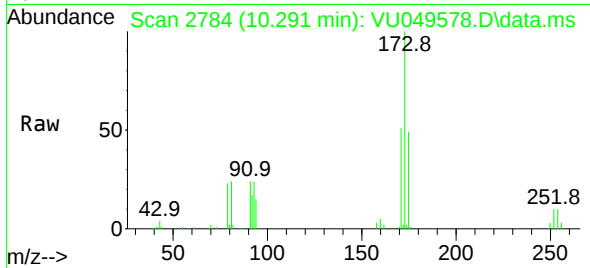




#71
Bromoform
Concen: 51.620 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

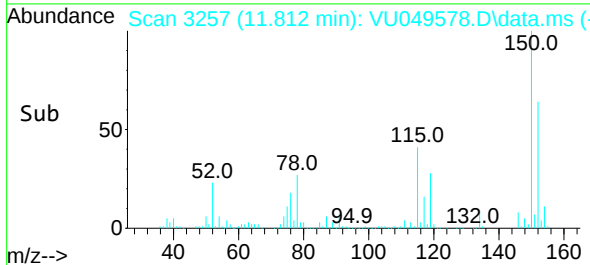
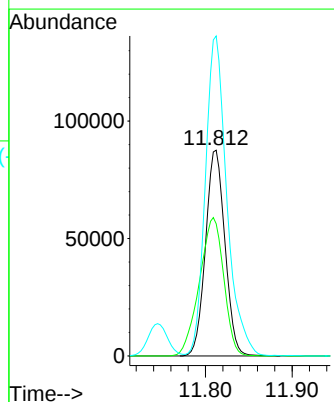
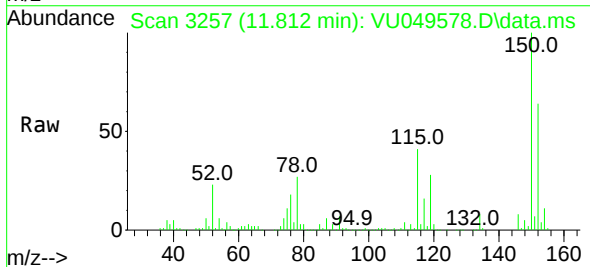
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 98755
Ion Ratio Lower Upper
173 100
175 48.5 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: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:152 Resp: 136425
Ion Ratio Lower Upper
152 100
115 84.1 37.0 110.9
150 171.3 0.0 342.2

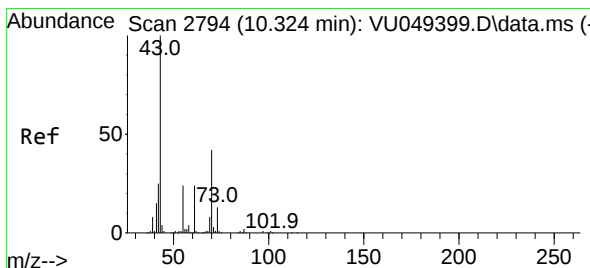
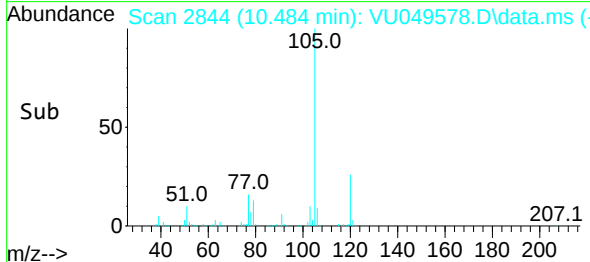
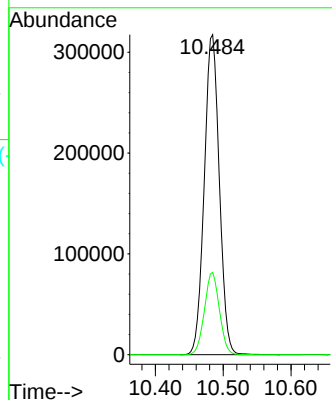
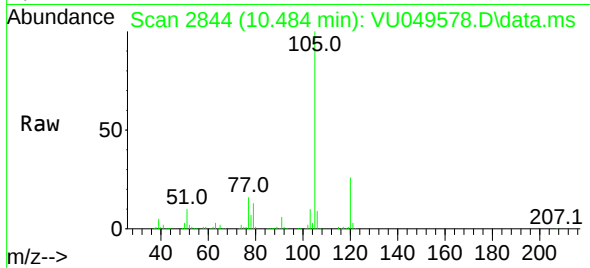




#73
Isopropylbenzene
Concen: 50.355 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

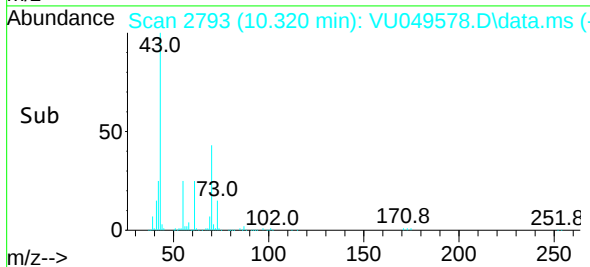
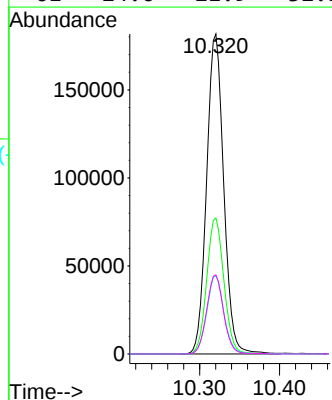
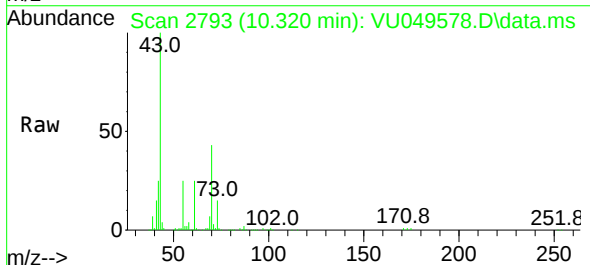
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

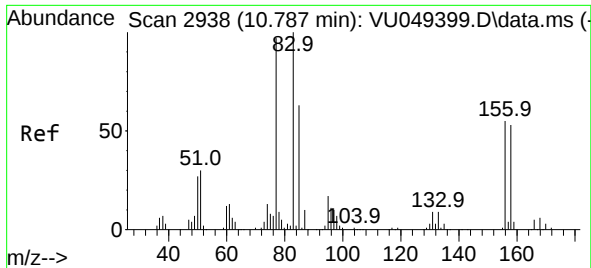
Tgt Ion:105 Resp: 489371
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4



#74
N-ethyl acetate
Concen: 52.489 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 43 Resp: 269981
Ion Ratio Lower Upper
43 100
70 42.9 38.7 58.1
55 24.5 21.8 32.8
61 24.6 21.9 32.9

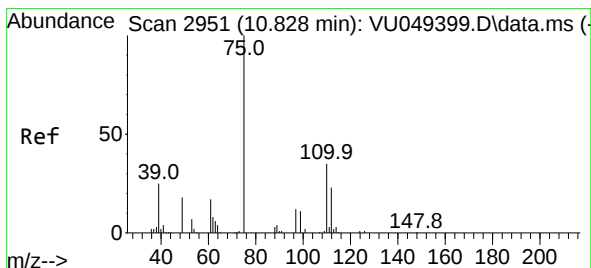
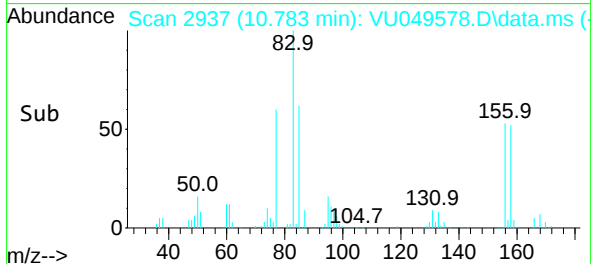
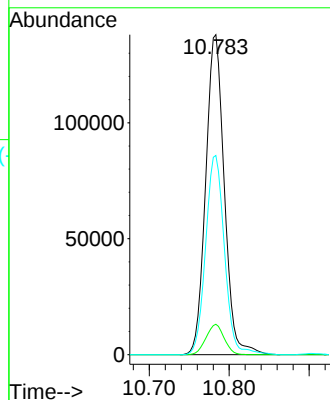
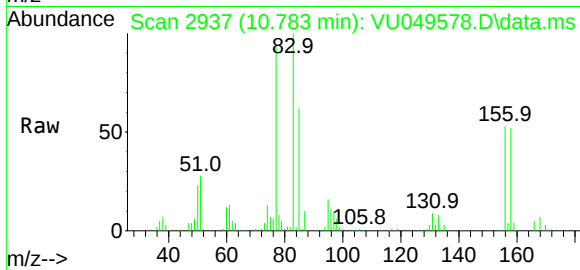




#75
1,1,2,2-Tetrachloroethane
Concen: 54.280 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

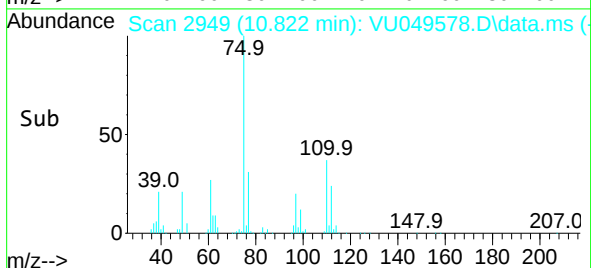
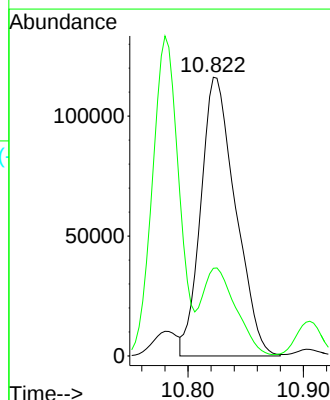
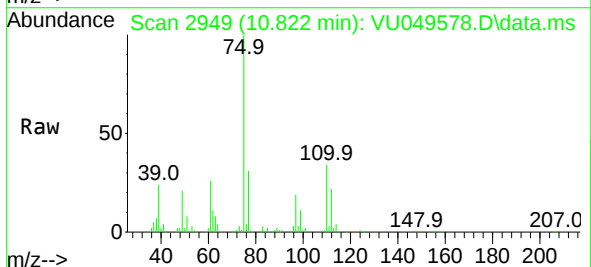
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

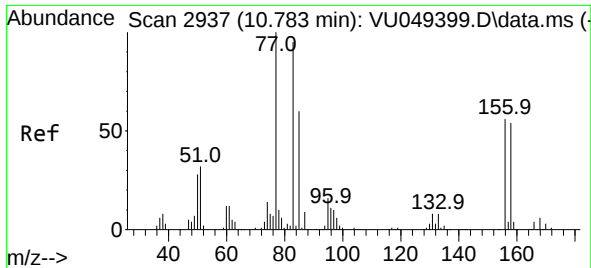
Tgt Ion: 83 Resp: 223454
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.4
85 63.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 52.401 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 75 Resp: 242338
Ion Ratio Lower Upper
75 100
77 30.7 15.8 47.3

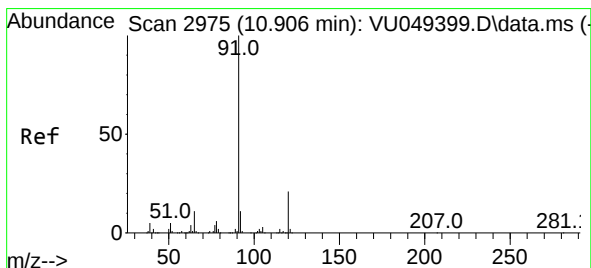
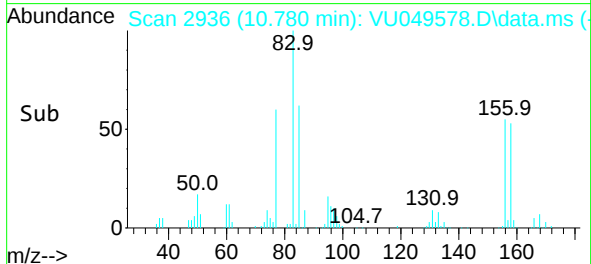
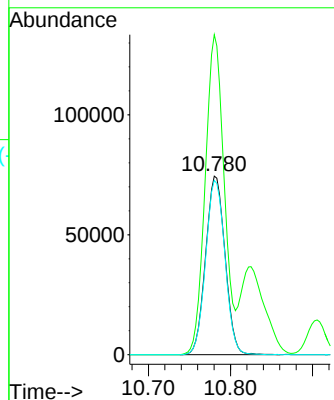
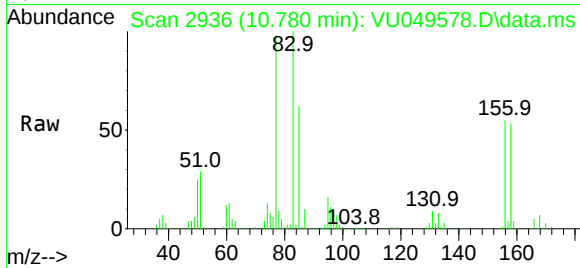




#77
Bromobenzene
Concen: 51.580 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

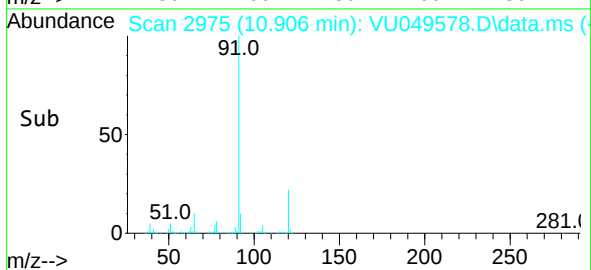
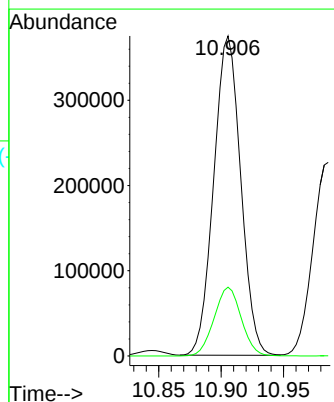
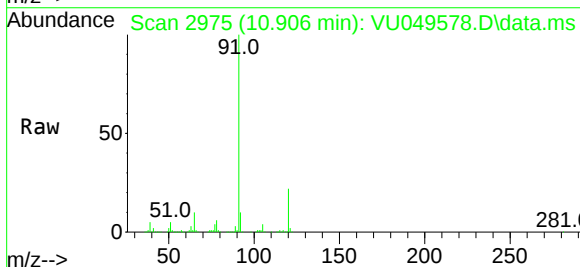
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

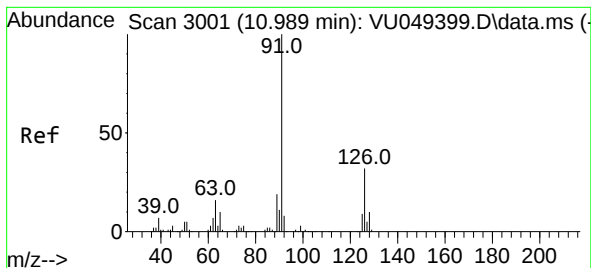
Tgt Ion:156 Resp: 122357
Ion Ratio Lower Upper
156 100
77 174.8 71.9 215.6
158 97.1 48.9 146.8



#78
n-propylbenzene
Concen: 47.839 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 91 Resp: 564929
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 49.400 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.003 min

Lab File: VU049578.D

Acq: 30 Jun 2022 21:05

Instrument :

MSVOA_U

ClientSampleId :

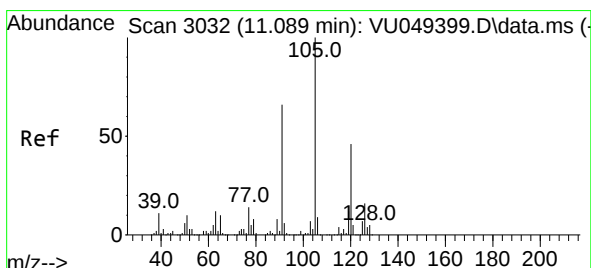
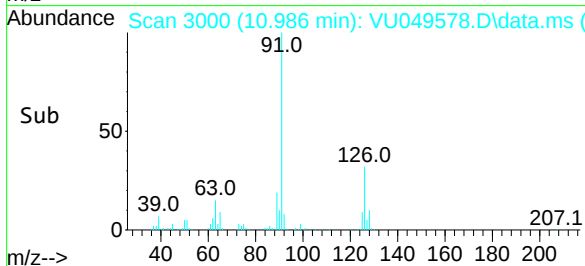
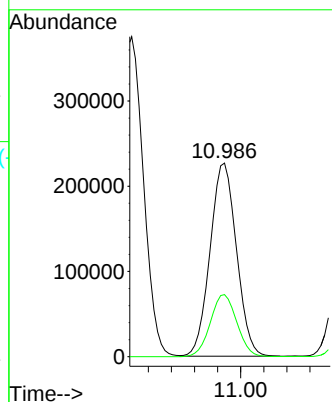
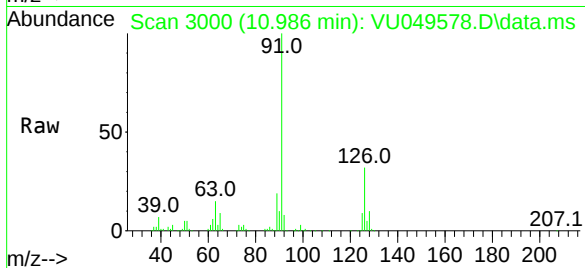
VSTDCCC050EC

Tgt Ion: 91 Resp: 359410

Ion Ratio Lower Upper

91 100

126 32.4 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 49.384 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049578.D

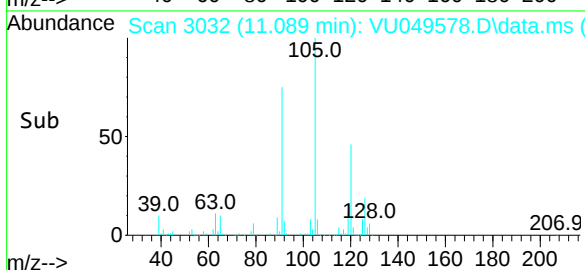
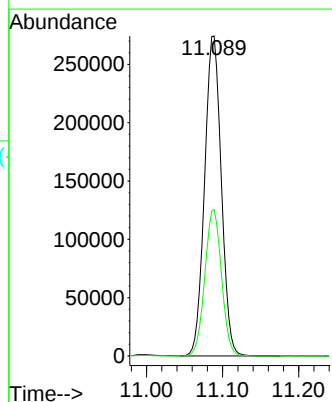
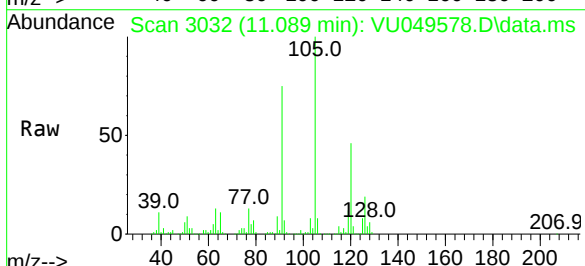
Acq: 30 Jun 2022 21:05

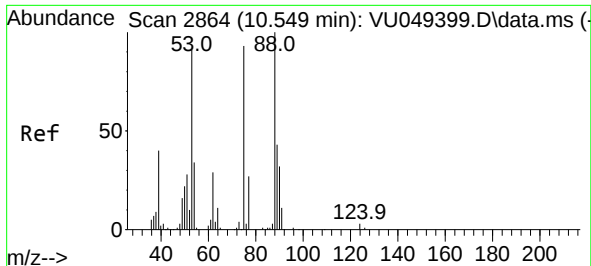
Tgt Ion:105 Resp: 418987

Ion Ratio Lower Upper

105 100

120 45.6 25.3 75.9

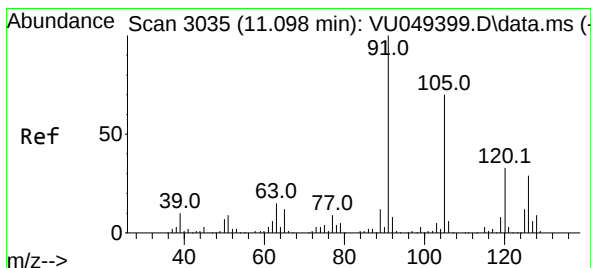
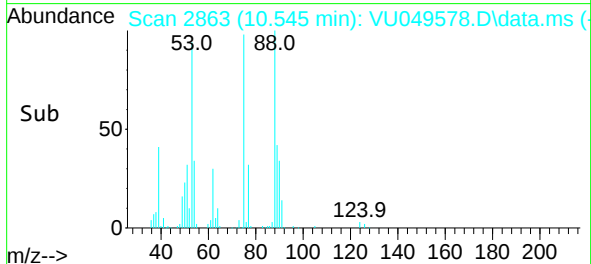
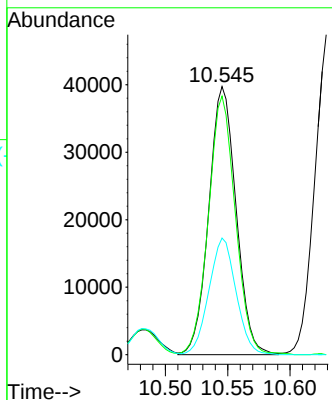
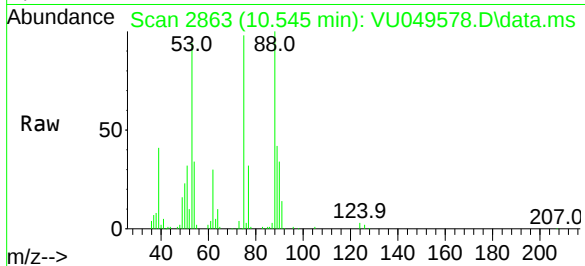




#81
trans-1,4-Dichloro-2-butene
Concen: 48.377 ug/l
RT: 10.545 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

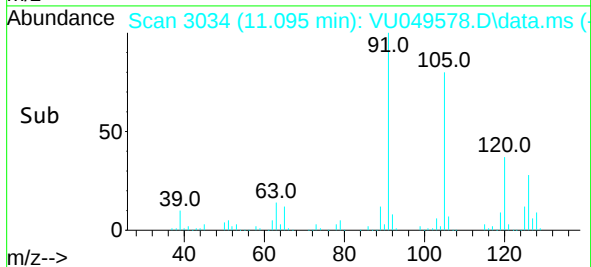
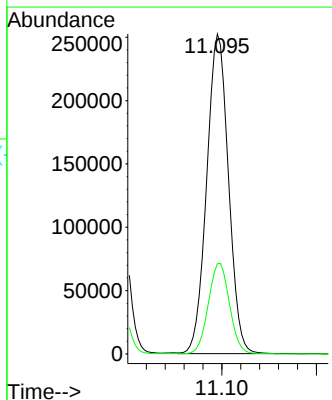
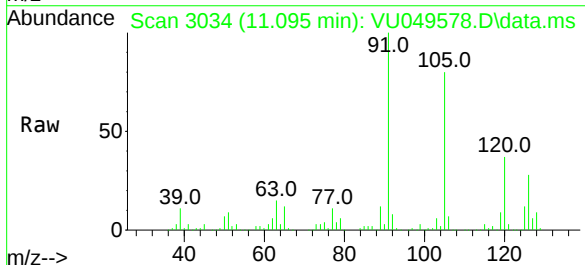
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

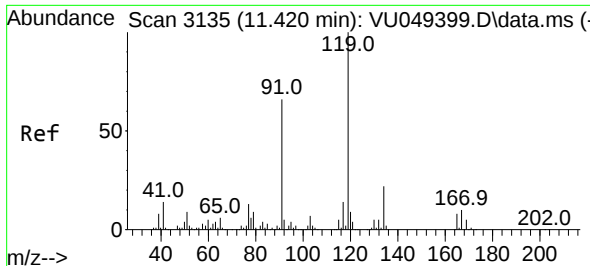
Tgt Ion: 75 Resp: 60584
Ion Ratio Lower Upper
75 100
53 95.4 69.2 103.8
89 43.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.211 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion: 91 Resp: 402680
Ion Ratio Lower Upper
91 100
126 27.8 16.1 48.2

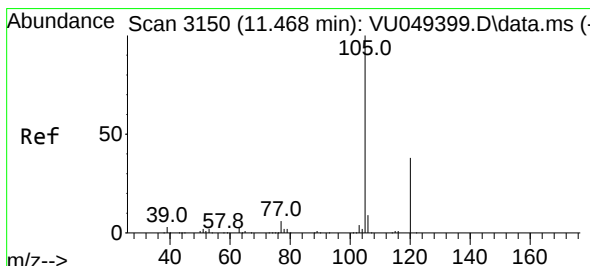
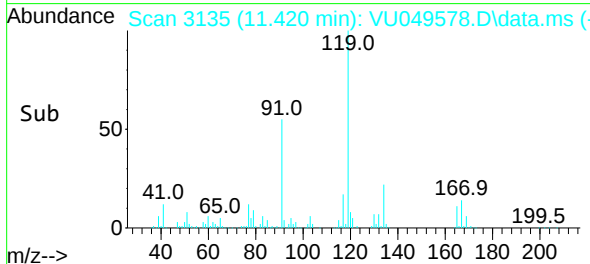
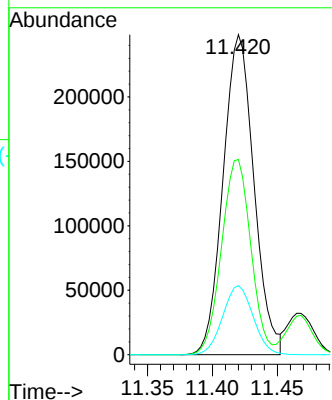
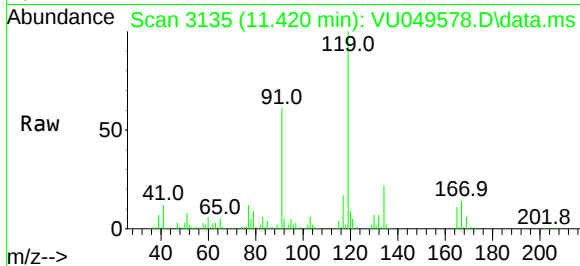




#83
 tert-Butylbenzene
 Concen: 49.147 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

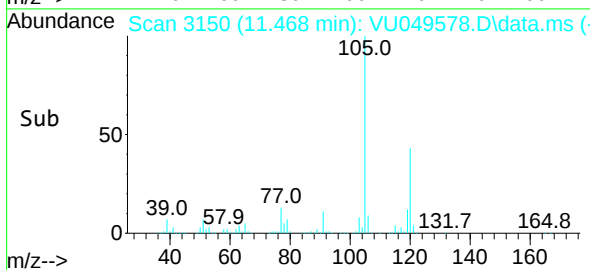
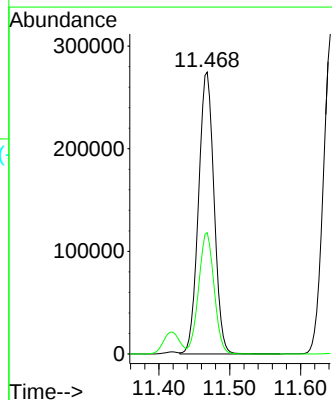
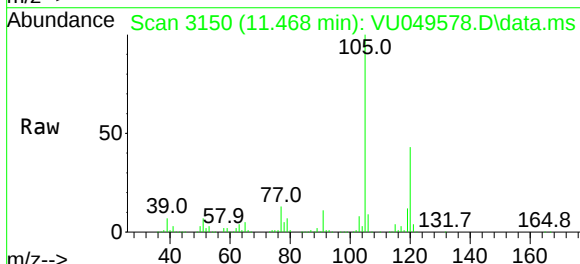
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

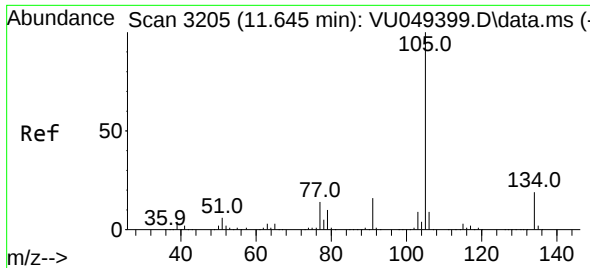
Tgt Ion:119 Resp: 410131
 Ion Ratio Lower Upper
 119 100
 91 57.9 26.8 80.3
 134 21.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.171 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion:105 Resp: 418179
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.4 70.3

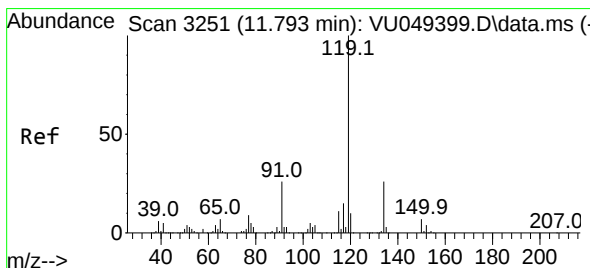
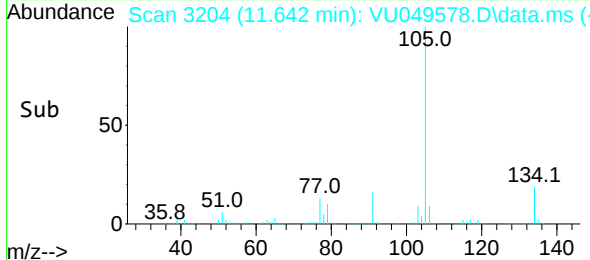
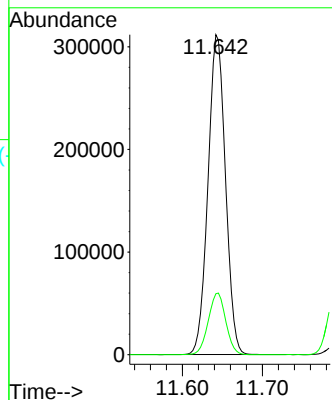
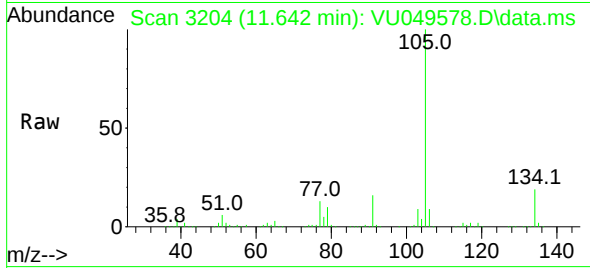




#85
 sec-Butylbenzene
 Concen: 45.092 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

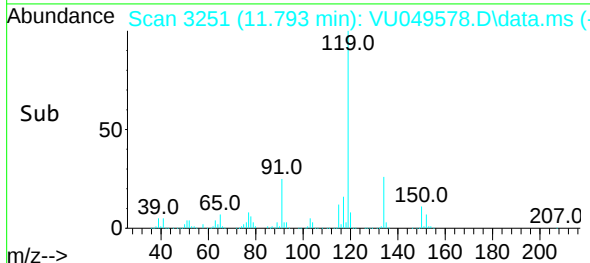
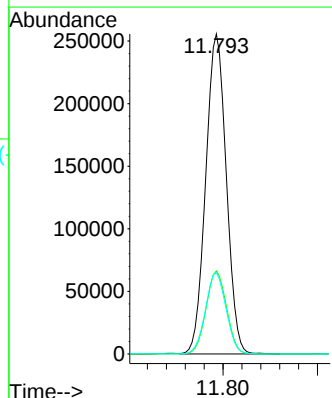
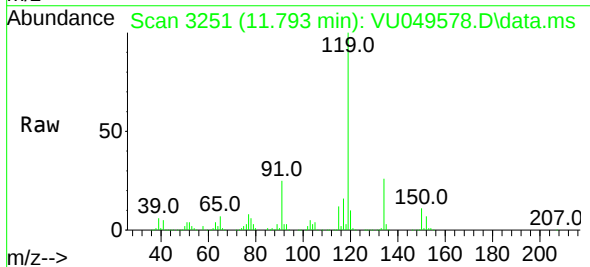
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

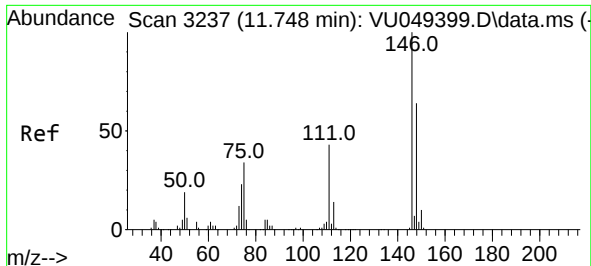
Tgt Ion:105 Resp: 473103
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 45.501 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion:119 Resp: 386068
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 25.5 11.2 33.5

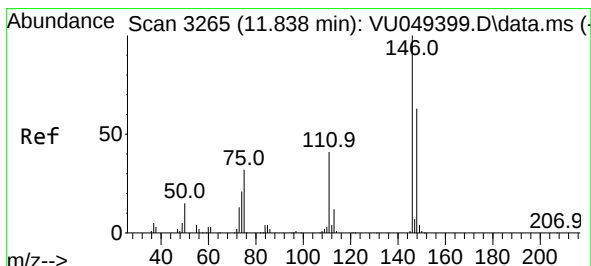
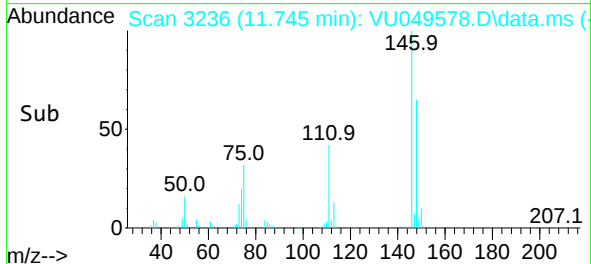
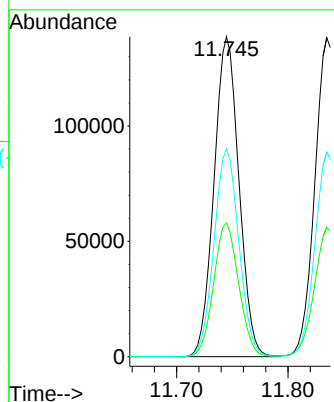
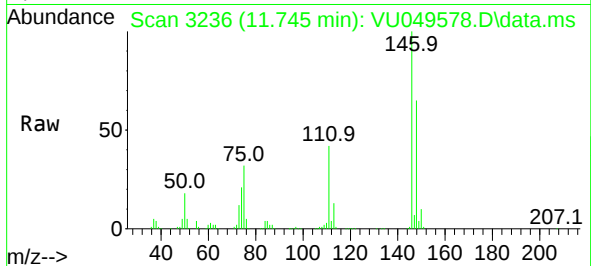




#87
1,3-Dichlorobenzene
Concen: 47.428 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

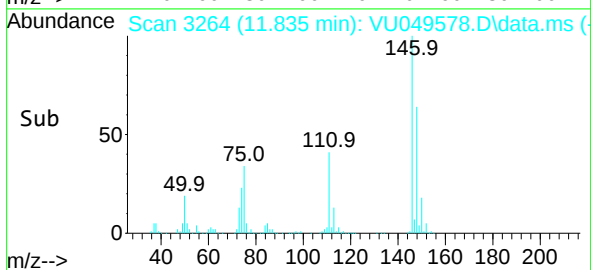
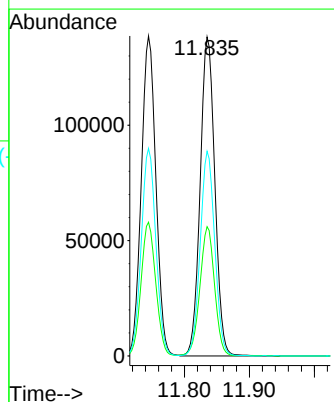
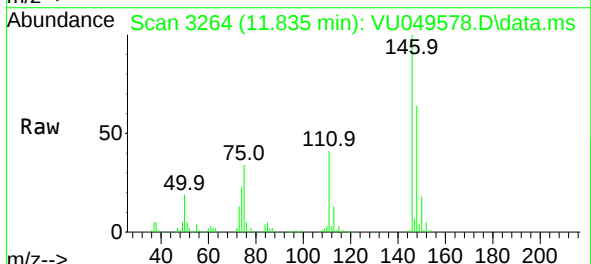
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

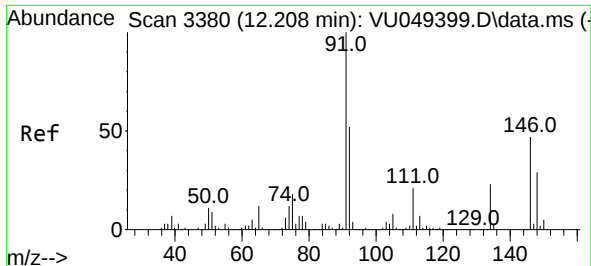
Tgt Ion:146 Resp: 215092
Ion Ratio Lower Upper
146 100
111 42.1 18.9 56.5
148 65.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.784 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:146 Resp: 217815
Ion Ratio Lower Upper
146 100
111 40.3 18.5 55.5
148 63.8 31.9 95.7

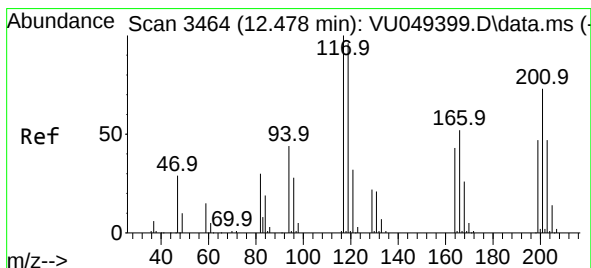
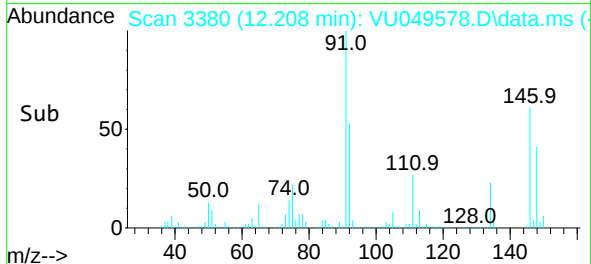
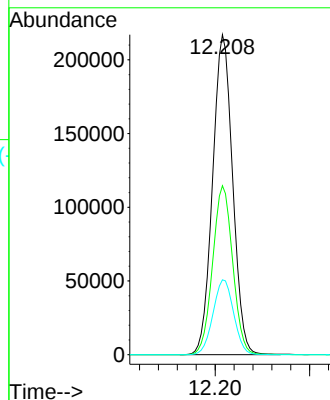
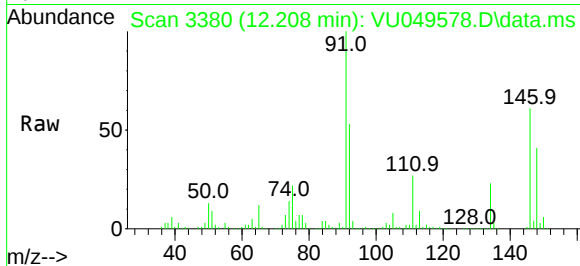




#89
n-Butylbenzene
Concen: 40.727 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

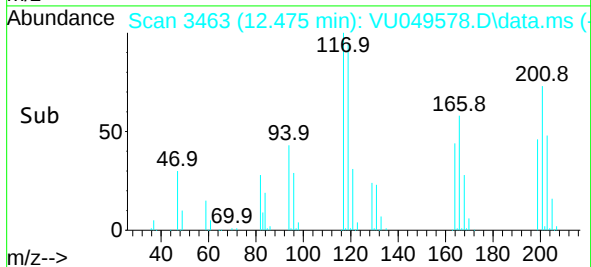
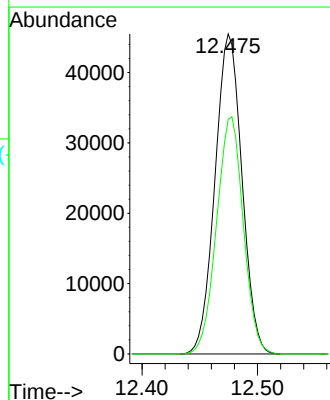
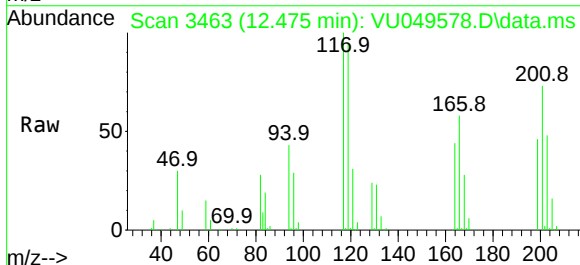
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

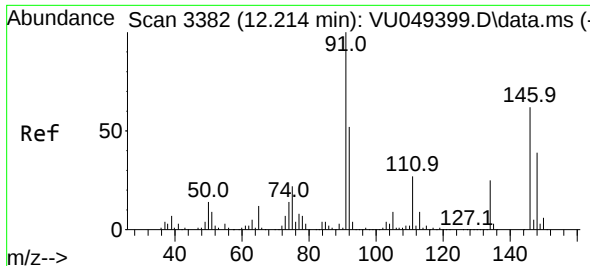
Tgt Ion:	91	Resp:	319884
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	24.1	13.5	40.4



#90
Hexachloroethane
Concen: 43.614 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:	117	Resp:	73708
Ion	Ratio	Lower	Upper
117	100		
201	73.6	44.6	134.0

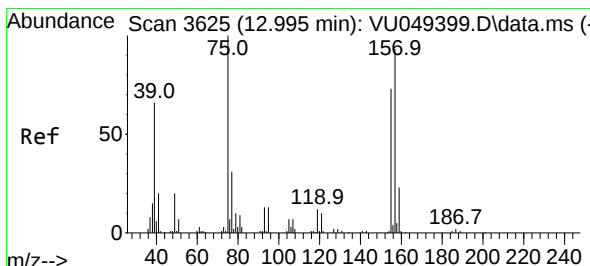
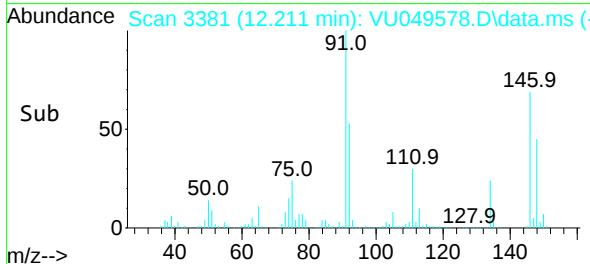
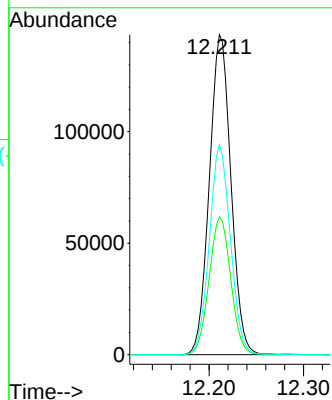
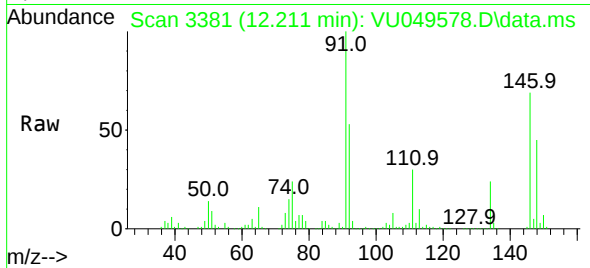




#91
 1,2-Dichlorobenzene
 Concen: 49.875 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.003 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

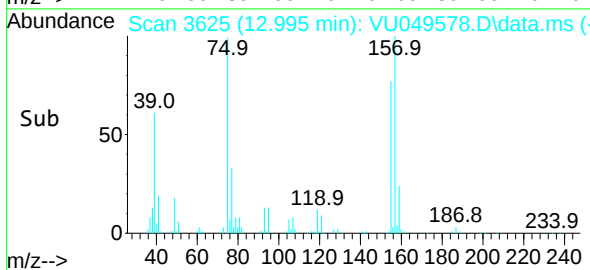
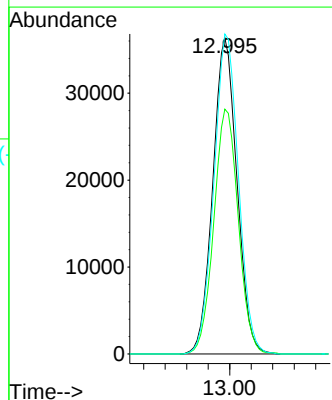
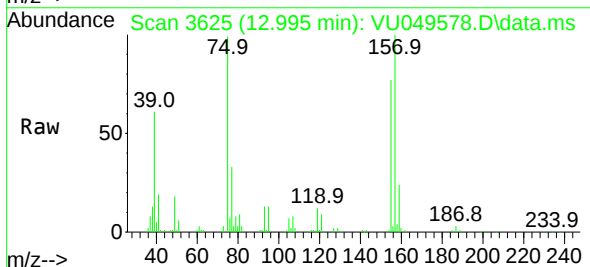
Instrument :
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 ClientSampleId :
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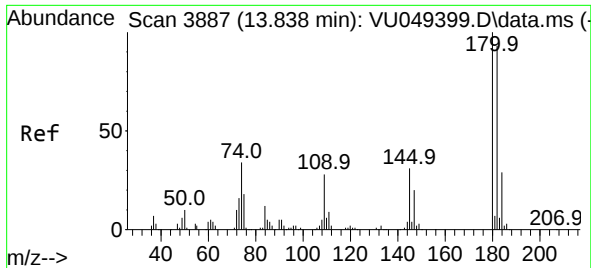
Tgt Ion:146 Resp: 227272
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.9 59.6
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.776 ug/l
 RT: 12.995 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion: 75 Resp: 56766
 Ion Ratio Lower Upper
 75 100
 155 78.5 47.8 143.4
 157 102.6 62.2 186.5

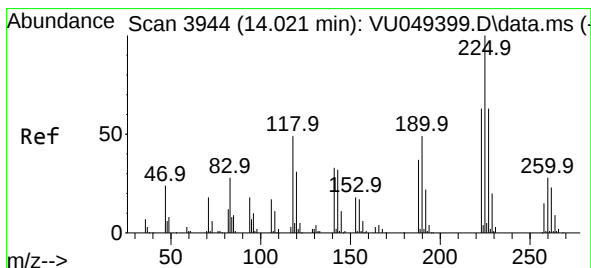
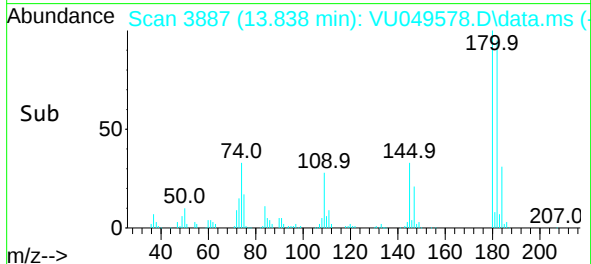
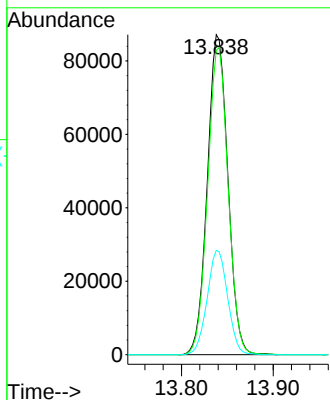
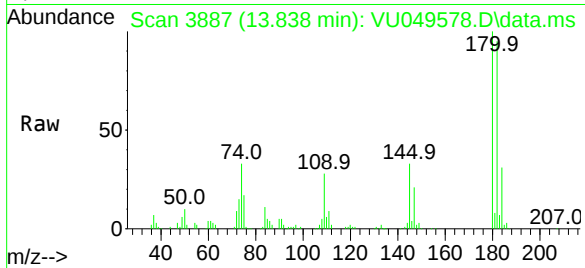




#93
 1,2,4-Trichlorobenzene
 Concen: 44.638 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

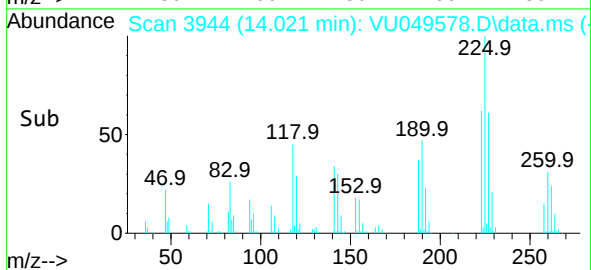
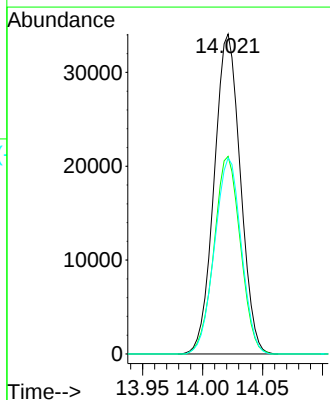
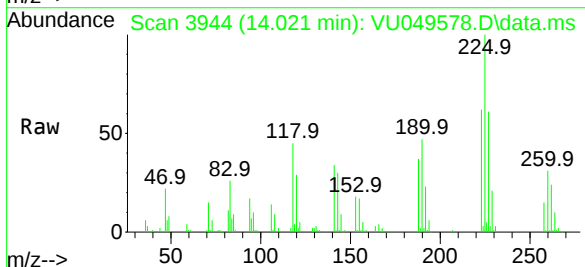
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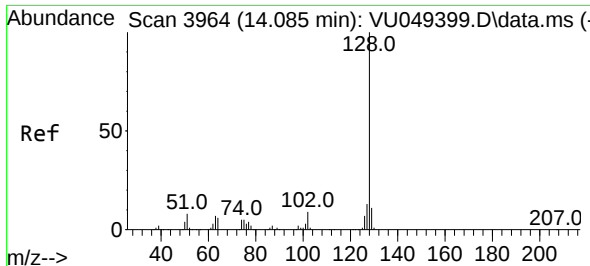
Tgt Ion:180 Resp: 135913
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.6
 145 32.5 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 36.590 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU049578.D
 Acq: 30 Jun 2022 21:05

Tgt Ion:225 Resp: 51721
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 62.5 32.0 96.2

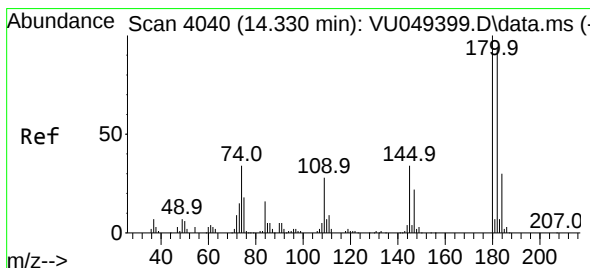
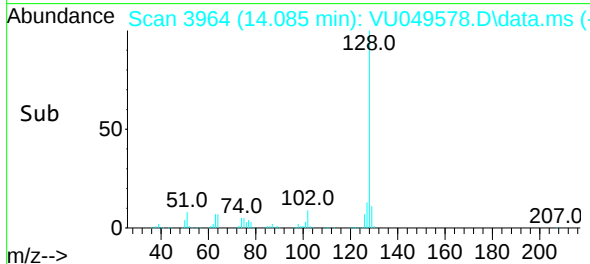
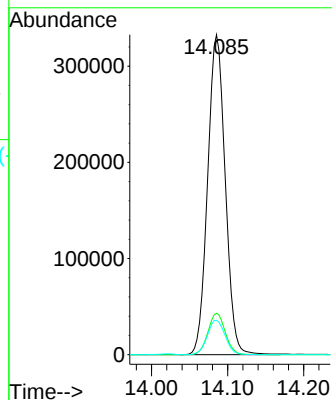
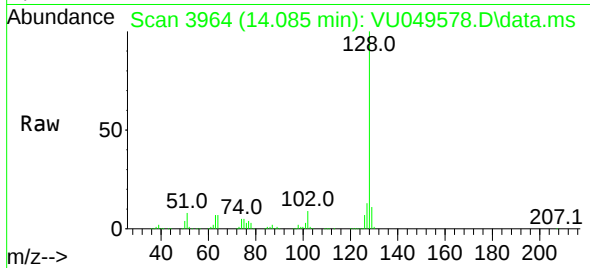




#95
Naphthalene
Concen: 50.105 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 535205
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.596 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049578.D
Acq: 30 Jun 2022 21:05

Tgt Ion:180 Resp: 146237
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 33.4 14.8 44.4

