

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049605.D
 Acq On : 02 Jul 2022 00:28
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 04 06:55:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	206103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	389035	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	351489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	158849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	175386	55.255	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.500%
35) Dibromofluoromethane	5.289	113	141212	51.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	7.896	98	486837	50.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	10.632	95	183401	49.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	135342	40.865	ug/l	100
3) Chloromethane	1.520	50	169897	41.820	ug/l	97
4) Vinyl Chloride	1.601	62	155668	46.686	ug/l	100
5) Bromomethane	1.839	94	61160	58.988	ug/l	98
6) Chloroethane	1.919	64	91725	59.263	ug/l	97
7) Trichlorofluoromethane	2.128	101	189157	44.513	ug/l	98
8) Diethyl Ether	2.376	74	88488	57.646	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	109283	47.797	ug/l	94
10) Methyl Iodide	2.716	142	170287	71.912	ug/l	96
11) Tert butyl alcohol	3.186	59	267191	359.643	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	116993	52.263	ug/l	94
13) Acrolein	2.485	56	50887	101.143	ug/l	99
14) Allyl chloride	2.919	41	232375	51.363	ug/l	# 86
15) Acrylonitrile	3.311	53	535780	299.854	ug/l	99
16) Acetone	2.626	43	437774	273.491	ug/l	100
17) Carbon Disulfide	2.787	76	316539	45.342	ug/l	99
18) Methyl Acetate	2.945	43	348596	80.450	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	494025	59.337	ug/l	97
20) Methylene Chloride	3.041	84	155972	58.664	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	127575	52.867	ug/l	93
22) Diisopropyl ether	3.990	45	486040	56.269	ug/l	# 72
23) Vinyl Acetate	3.951	43	1942302	256.546	ug/l	95
24) 1,1-Dichloroethane	3.867	63	269985	54.414	ug/l	98
25) 2-Butanone	4.700	43	718228	299.404	ug/l	95
26) 2,2-Dichloropropane	4.662	77	110969	26.872	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	159538	57.220	ug/l	96
28) Bromochloromethane	4.973	49	116219	53.587	ug/l	# 79
29) Tetrahydrofuran	5.047	42	471734	286.656	ug/l	90
30) Chloroform	5.086	83	265639	54.123	ug/l	97
31) Cyclohexane	5.385	56	207430	43.523	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	220755	51.839	ug/l	99
36) 1,1-Dichloropropene	5.523	75	173385	43.933	ug/l	98
37) Ethyl Acetate	4.800	43	252336	46.791	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	181882	43.944	ug/l	100
39) Methylcyclohexane	6.761	83	182365	38.551	ug/l	92
40) Benzene	5.771	78	583331	48.957	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	142301	52.661	ug/l	89
42) 1,2-Dichloroethane	5.793	62	214842	48.446	ug/l	100
43) Isopropyl Acetate	5.909	43	397106	50.254	ug/l	97
44) Trichloroethene	6.543	130	133240	47.040	ug/l	90
45) 1,2-Dichloropropane	6.790	63	161862	49.026	ug/l	100
46) Dibromomethane	6.919	93	111256	50.543	ug/l	91
47) Bromodichloromethane	7.105	83	211804	49.992	ug/l	99
48) Methyl methacrylate	6.957	41	195633	52.828	ug/l	88
49) 1,4-Dioxane	6.970	88	102210	1077.321	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1345695	254.459	ug/l	96
52) Toluene	7.970	92	347486	49.067	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	212830	46.831	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	232644	47.944	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	151819	51.850	ug/l	99
56) Ethyl methacrylate	8.333	69	264111	53.930	ug/l	93
57) 1,3-Dichloropropane	8.575	76	264197	50.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	173204	442.952	ug/l	95
59) 2-Hexanone	8.684	43	1052568	253.096	ug/l	96
60) Dibromochloromethane	8.809	129	159579	52.409	ug/l	100
61) 1,2-Dibromoethane	8.922	107	162333	50.874	ug/l	100
64) Tetrachloroethene	8.552	164	104027	46.143	ug/l	94
65) Chlorobenzene	9.446	112	354474	49.330	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	142012	52.388	ug/l	98
67) Ethyl Benzene	9.571	91	646307	48.993	ug/l	96
68) m/p-Xylenes	9.694	106	470928	96.481	ug/l	89
69) o-Xylene	10.099	106	243262	50.202	ug/l	89
70) Styrene	10.115	104	402217	51.660	ug/l	96
71) Bromoform	10.292	173	124314	53.471	ug/l #	98
73) Isopropylbenzene	10.485	105	599262	52.958	ug/l	96
74) N-amyl acetate	10.321	43	305270	50.972	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	269280	56.178	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	286077	53.126	ug/l	97
77) Bromobenzene	10.780	156	152371	55.165	ug/l	86
78) n-propylbenzene	10.906	91	683422	49.703	ug/l	96
79) 2-Chlorotoluene	10.986	91	434259	51.262	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	512125	51.841	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	68282	46.827	ug/l	95
82) 4-Chlorotoluene	11.095	91	491420	51.578	ug/l	93
83) tert-Butylbenzene	11.420	119	497471	51.198	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	509302	52.478	ug/l	94
85) sec-Butylbenzene	11.642	105	574841	47.055	ug/l	97
86) p-Isopropyltoluene	11.793	119	479221	48.507	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	262106	49.636	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	260965	49.168	ug/l	97
89) n-Butylbenzene	12.208	91	393458	43.023	ug/l	98
90) Hexachloroethane	12.475	117	91390	46.443	ug/l	86
91) 1,2-Dichlorobenzene	12.211	146	278952	52.574	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	71787	58.406	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	176046	49.460	ug/l	98
94) Hexachlorobutadiene	14.021	225	62626	38.050	ug/l	99
95) Naphthalene	14.086	128	734949	58.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	188549	51.471	ug/l	97

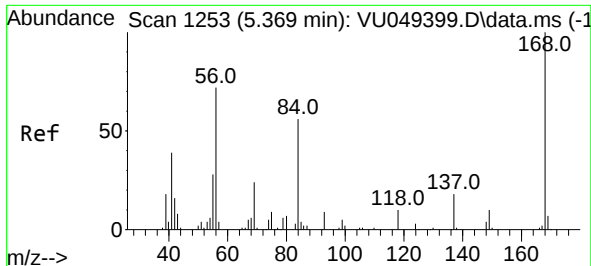
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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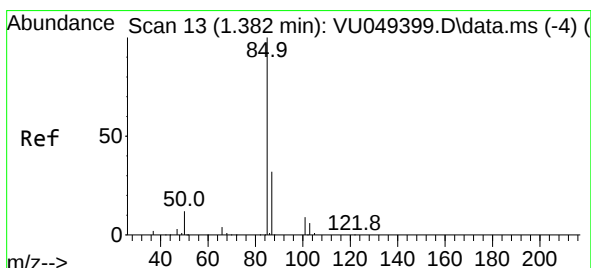
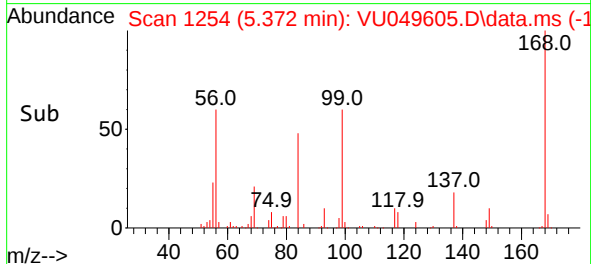
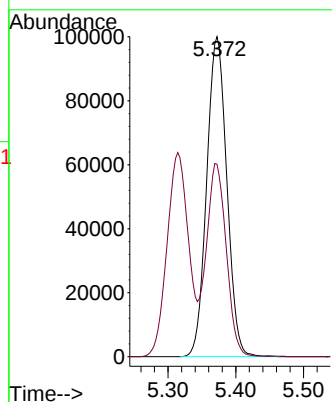
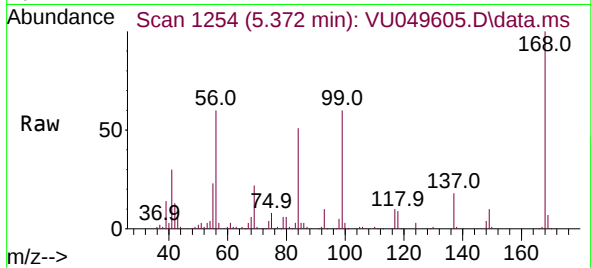
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

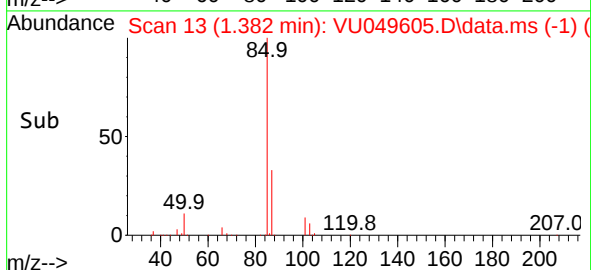
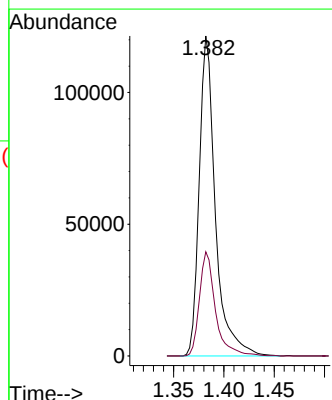
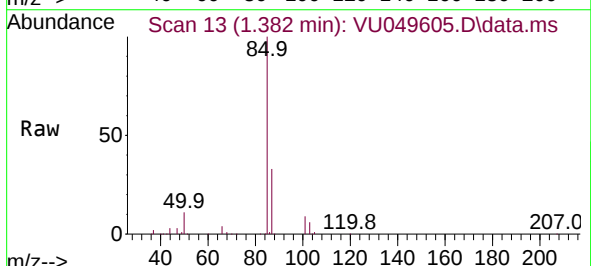
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ClientSampleId :
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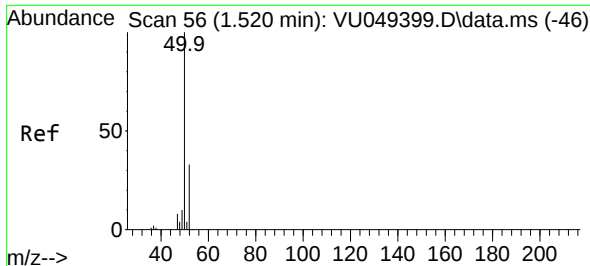
Tgt Ion:168 Resp: 206103
Ion Ratio Lower Upper
168 100
99 60.0 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 40.865 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 85 Resp: 135342
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

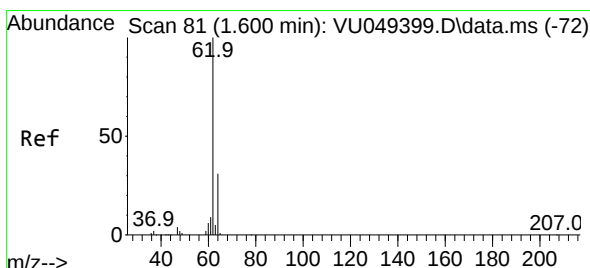
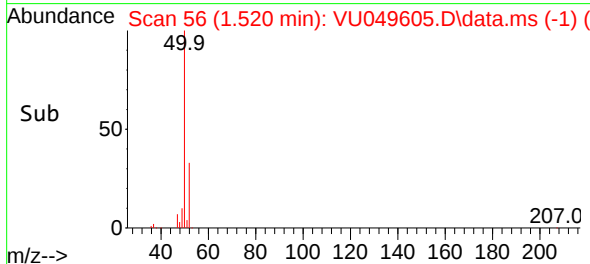
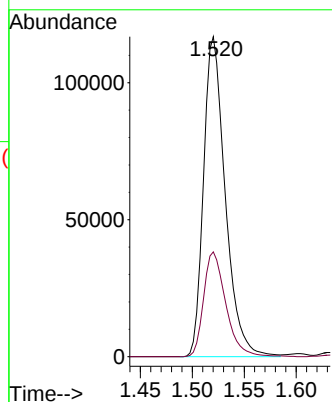
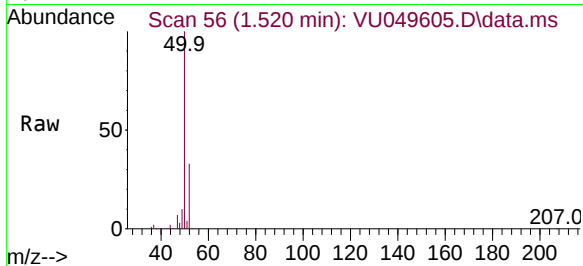




#3
Chloromethane
Concen: 41.820 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

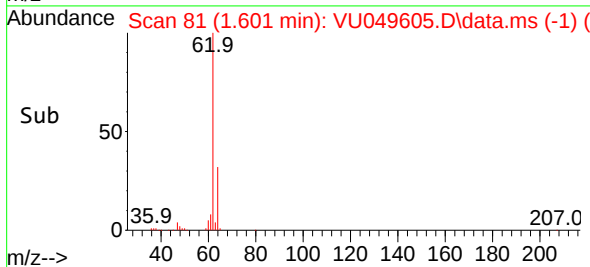
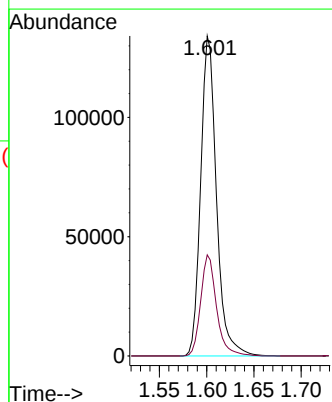
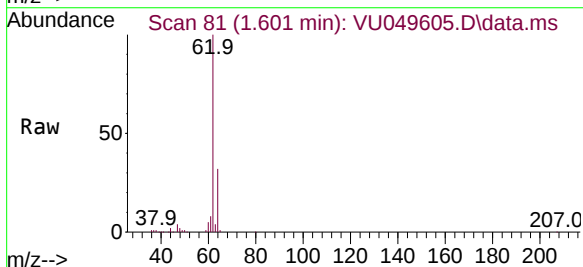
Instrument :
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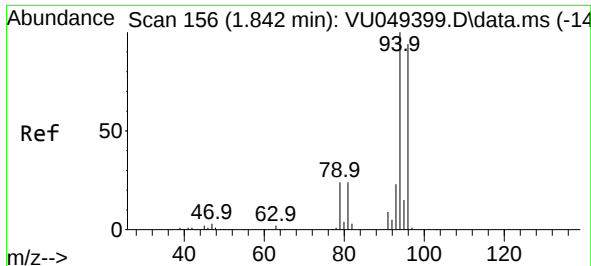
Tgt Ion: 50 Resp: 169897
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.2



#4
Vinyl Chloride
Concen: 46.686 ug/l
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 62 Resp: 155668
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

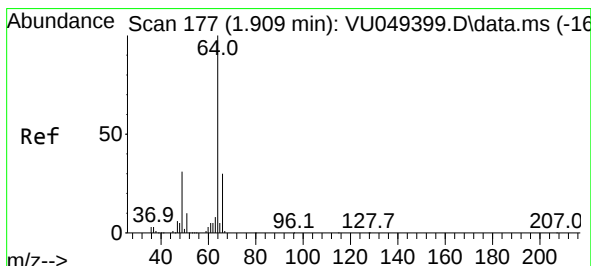
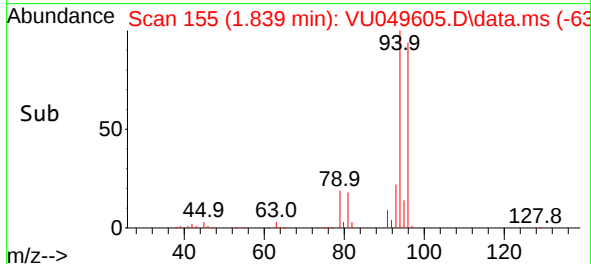
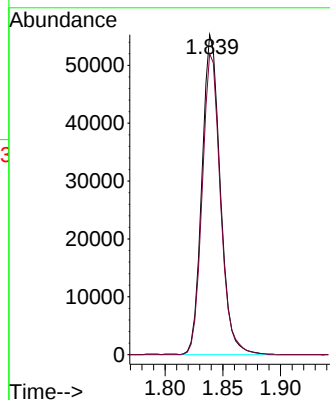
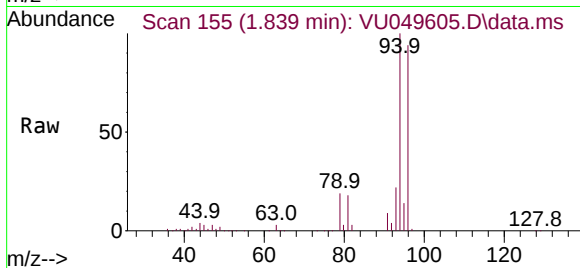




#5
Bromomethane
Concen: 58.988 ug/l
RT: 1.839 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

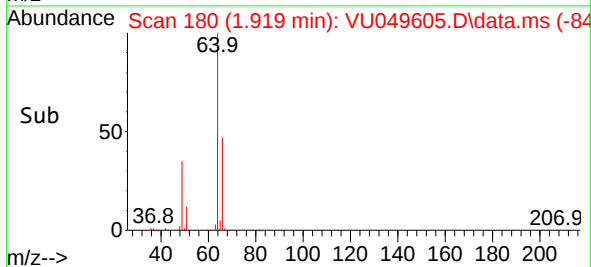
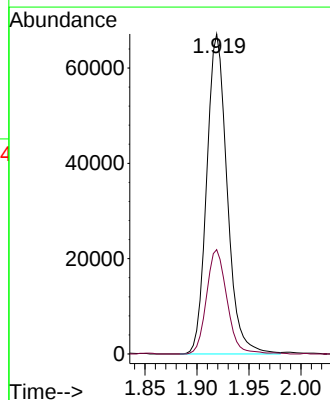
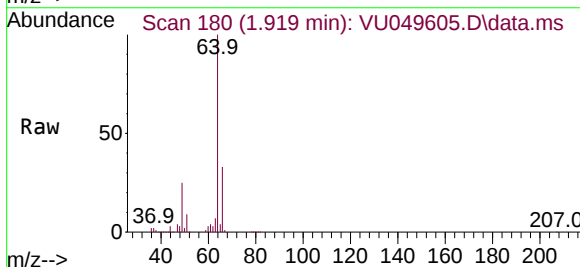
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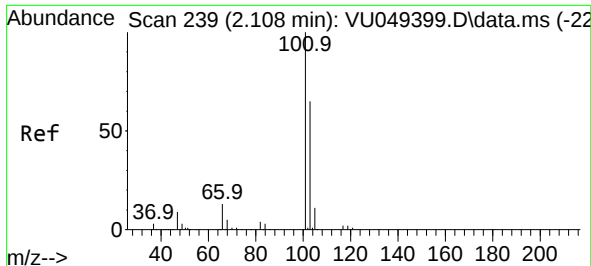
Tgt Ion: 94 Resp: 61160
Ion Ratio Lower Upper
94 100
96 94.1 73.7 110.5



#6
Chloroethane
Concen: 59.263 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 64 Resp: 91725
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1

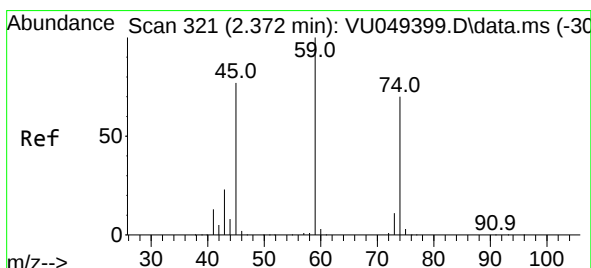
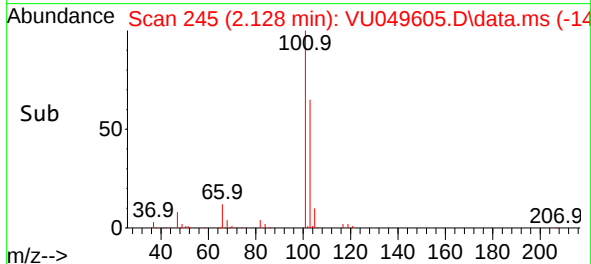
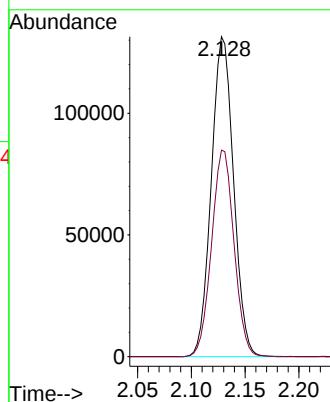
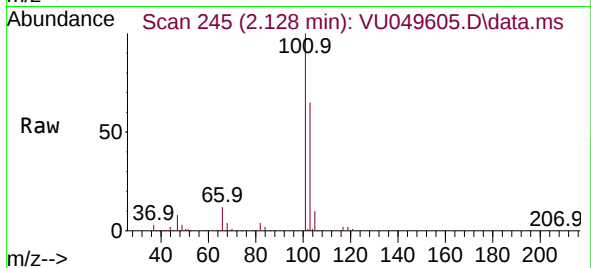




#7
 Trichlorofluoromethane
 Concen: 44.513 ug/l
 RT: 2.128 min Scan# 245
 Delta R.T. 0.019 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

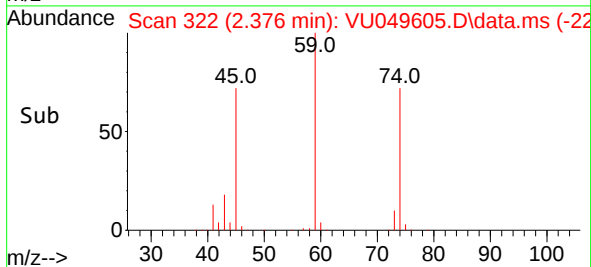
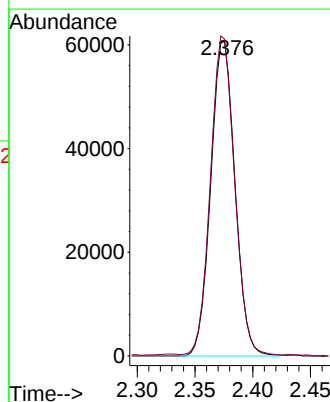
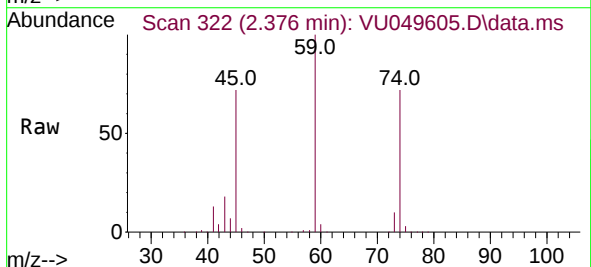
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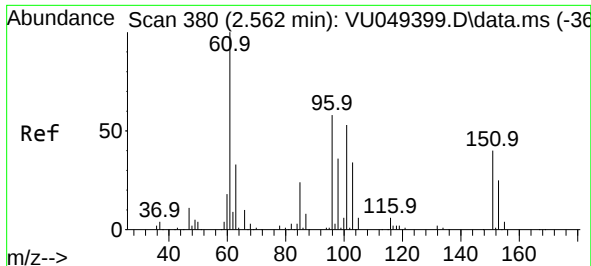
Tgt Ion:101 Resp: 189157
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 57.646 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

Tgt Ion: 74 Resp: 88488
 Ion Ratio Lower Upper
 74 100
 45 101.2 44.4 133.2

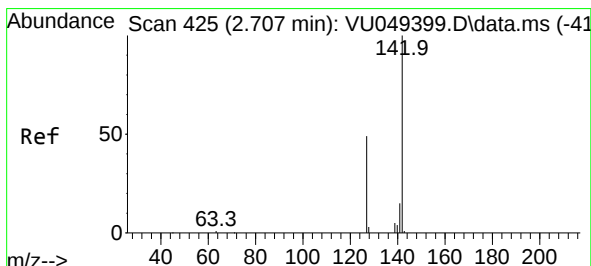
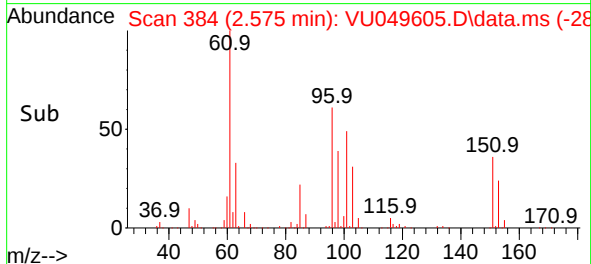
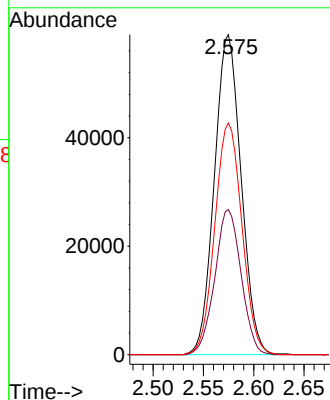
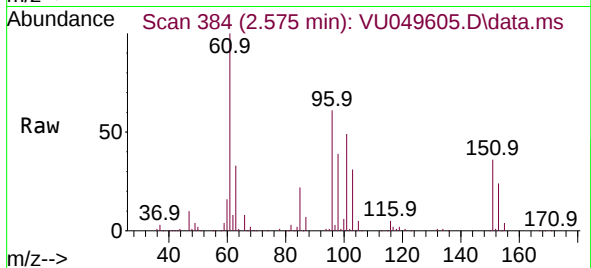




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.797 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049605.D
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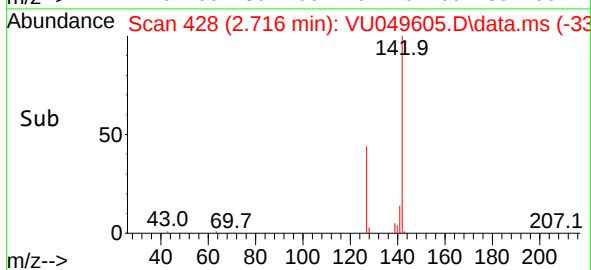
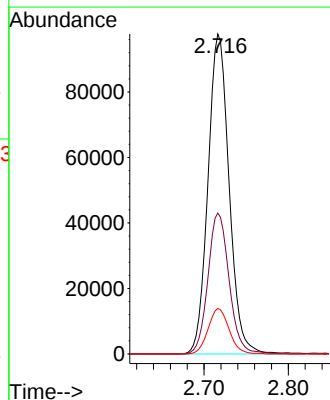
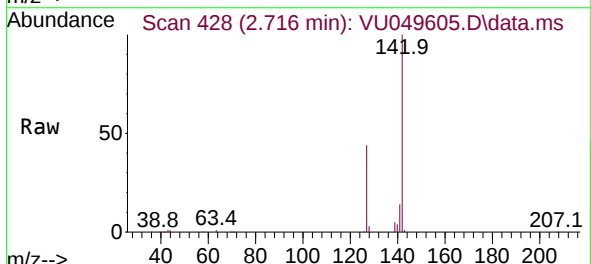
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

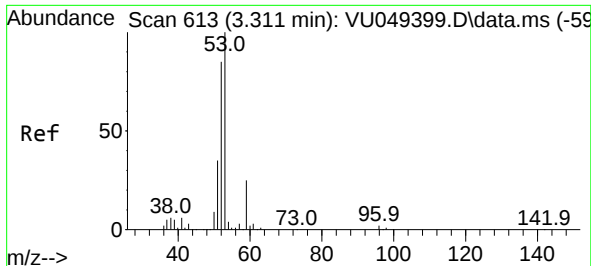
Tgt Ion:101 Resp: 109283
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 73.5 64.0 96.0



#10
Methyl Iodide
Concen: 71.912 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:142 Resp: 170287
Ion Ratio Lower Upper
142 100
127 44.2 32.5 48.7
141 14.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 359.643 ug/l

RT: 3.186 min Scan# 51

Delta R.T. -0.125 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

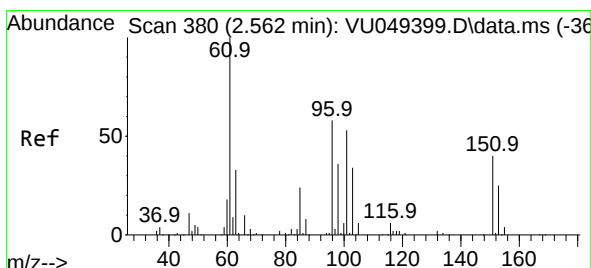
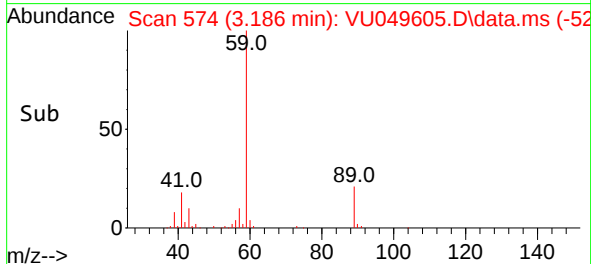
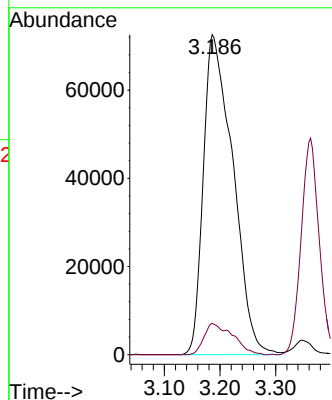
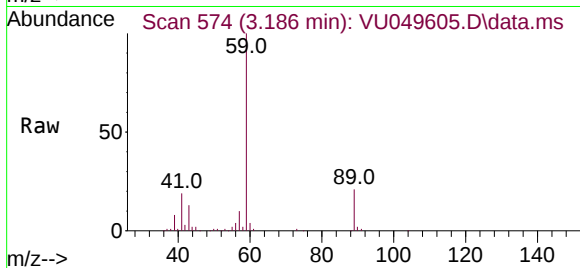
VSTDCCC050EC

Tgt Ion: 59 Resp: 267191

Ion Ratio Lower Upper

59 100

57 9.6 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 52.263 ug/l

RT: 2.575 min Scan# 384

Delta R.T. 0.013 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

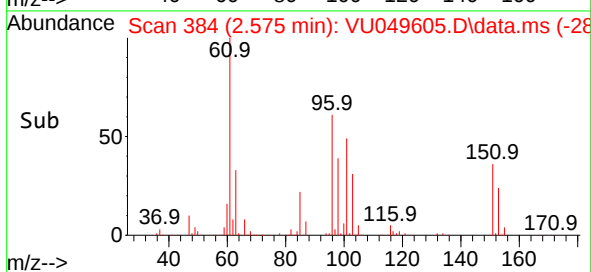
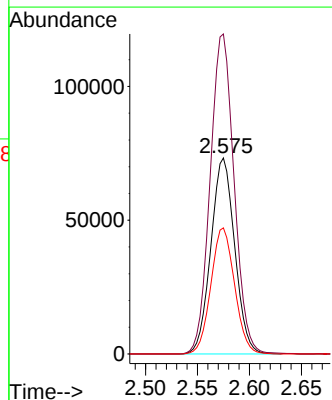
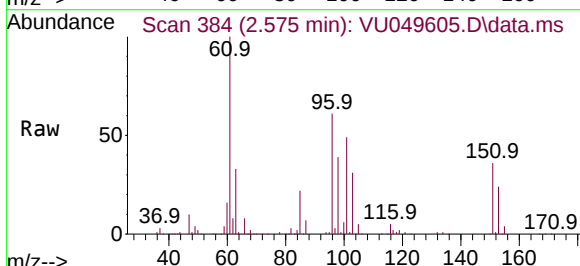
Tgt Ion: 96 Resp: 116993

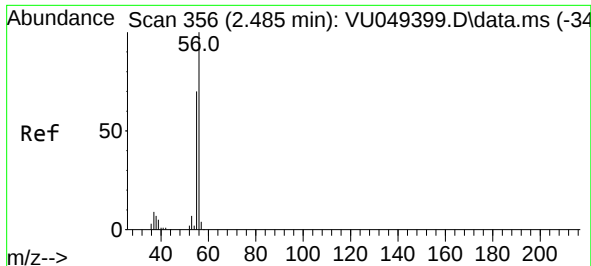
Ion Ratio Lower Upper

96 100

61 163.3 122.2 183.2

98 64.3 50.7 76.1





#13

Acrolein

Concen: 101.143 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

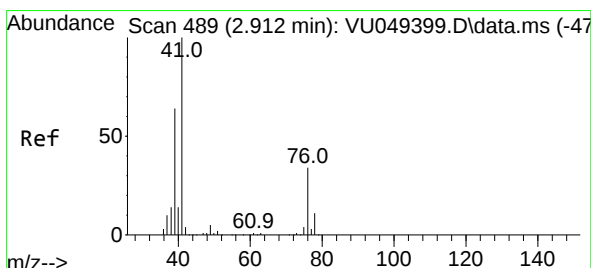
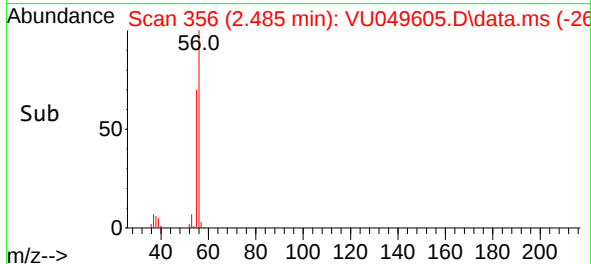
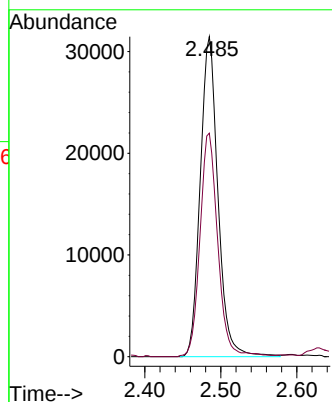
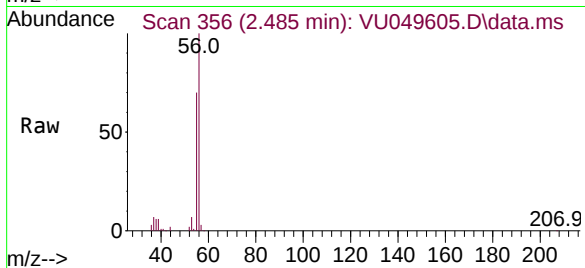
VSTDCCC050EC

Tgt Ion: 56 Resp: 50887

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 51.363 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.007 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

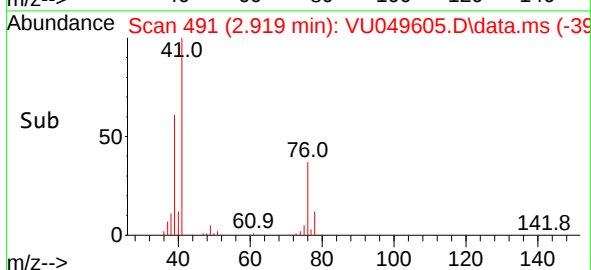
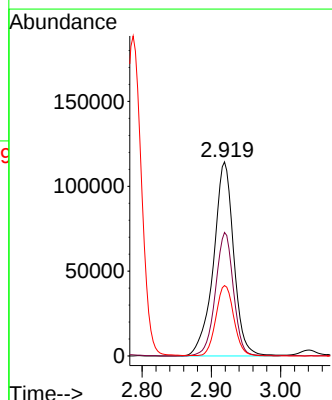
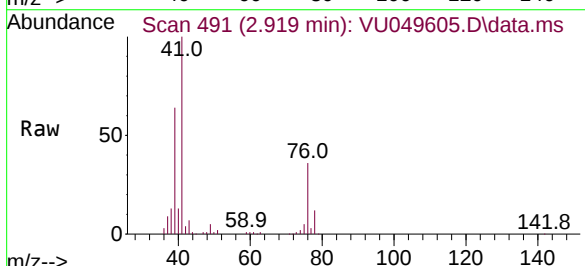
Tgt Ion: 41 Resp: 232375

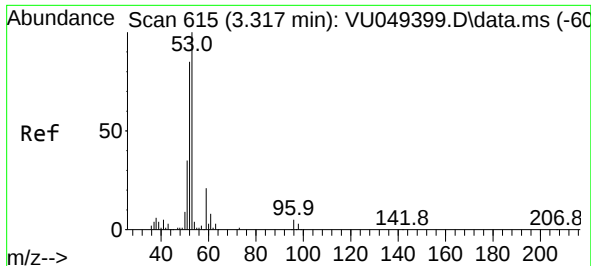
Ion Ratio Lower Upper

41 100

39 56.7 53.4 80.2

76 32.2 33.8 50.6#

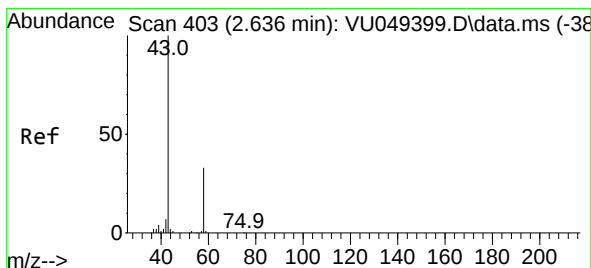
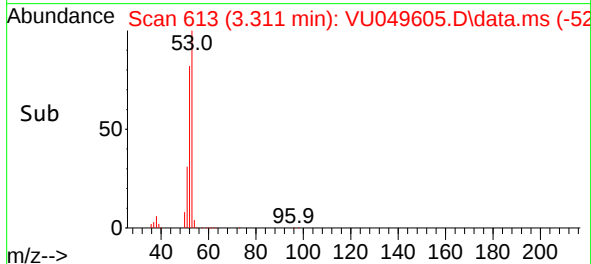
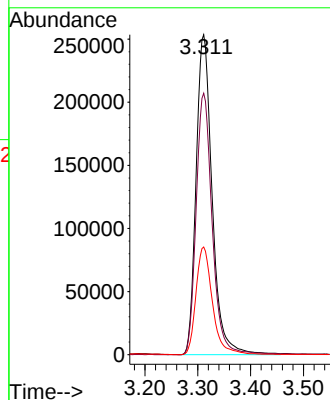
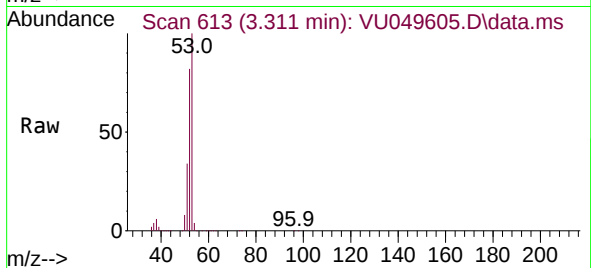




#15
Acrylonitrile
Concen: 299.854 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

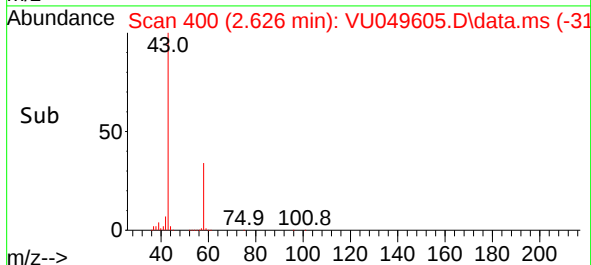
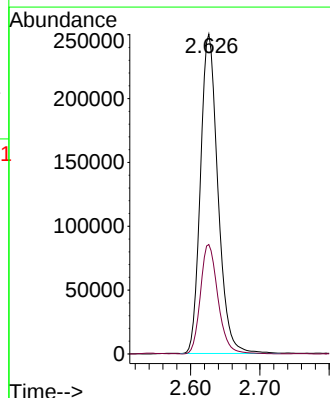
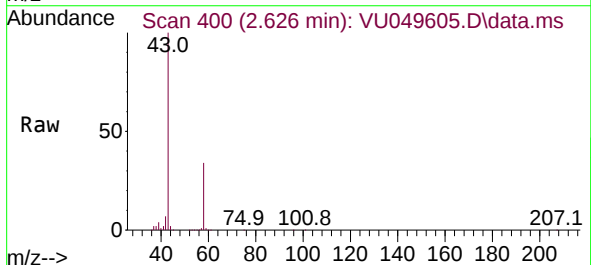
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

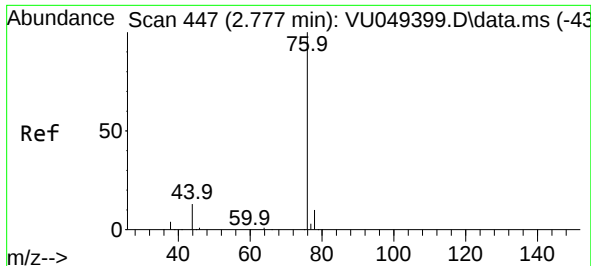
Tgt Ion: 53 Resp: 535780
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 273.491 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.009 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 43 Resp: 437774
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3

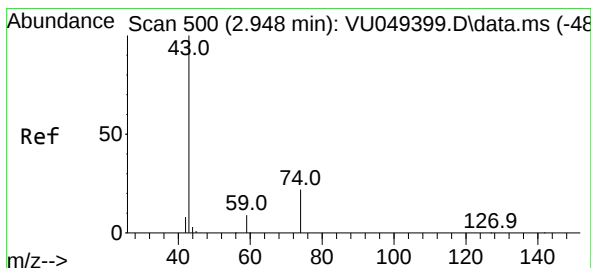
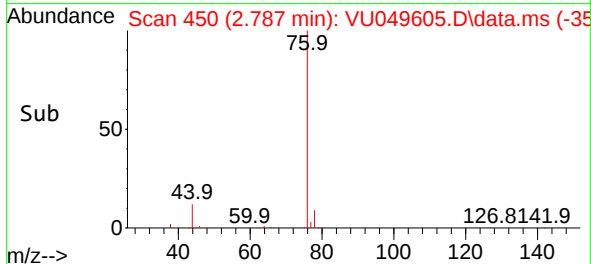
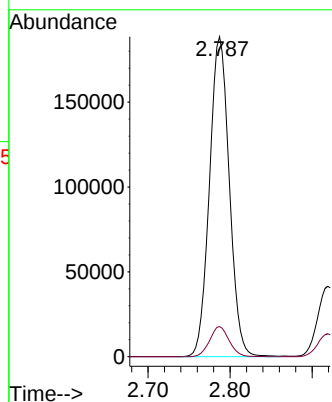
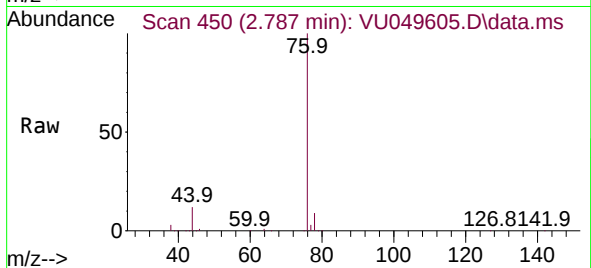




#17
Carbon Disulfide
Concen: 45.342 ug/l
RT: 2.787 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

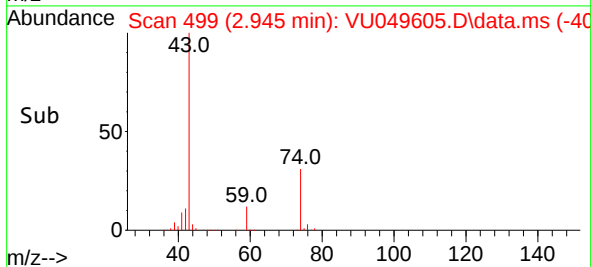
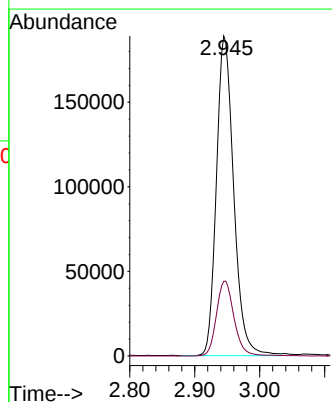
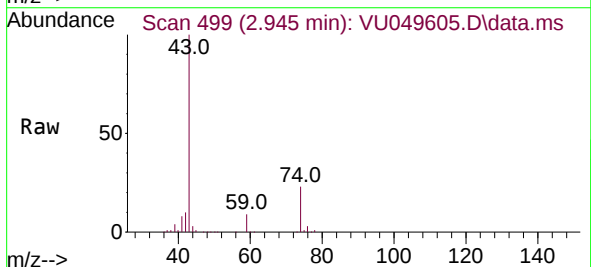
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

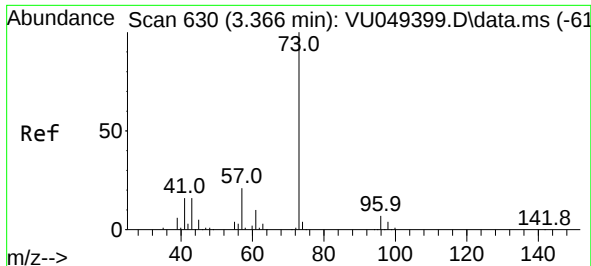
Tgt Ion: 76 Resp: 316539
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 80.450 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 43 Resp: 348596
Ion Ratio Lower Upper
43 100
74 23.9 22.5 33.7

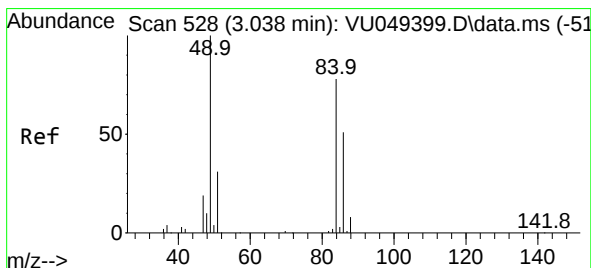
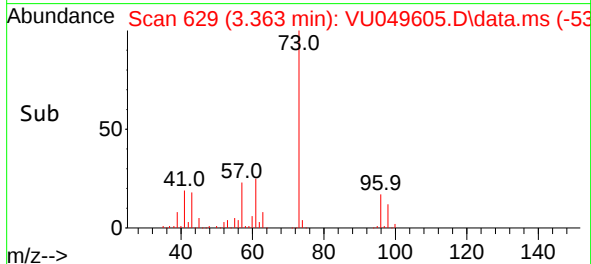
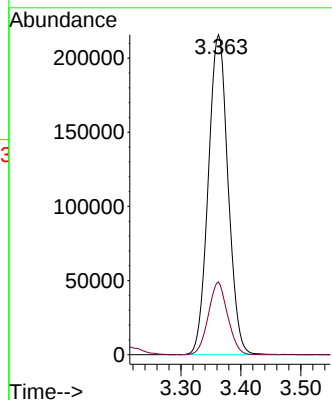
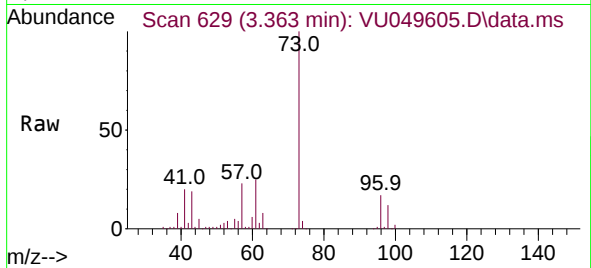




#19
Methyl tert-butyl Ether
Concen: 59.337 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

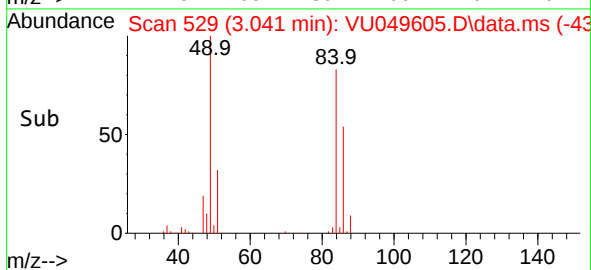
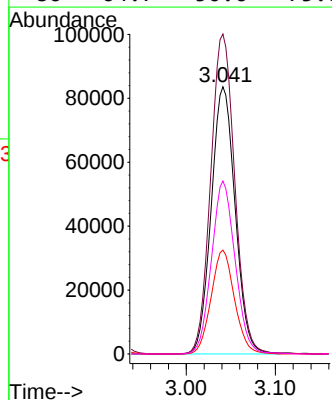
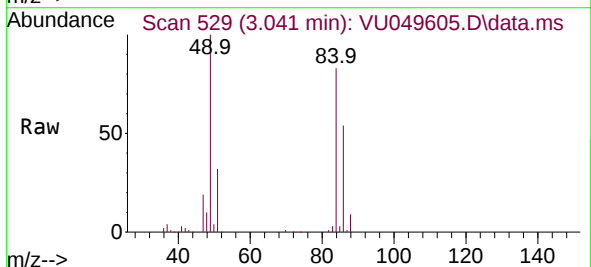
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

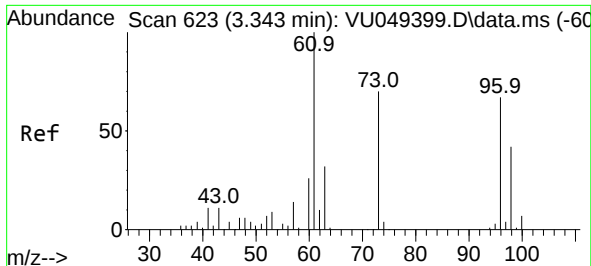
Tgt Ion: 73 Resp: 494025
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 58.664 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 84 Resp: 155972
Ion Ratio Lower Upper
84 100
49 119.8 86.6 129.8
51 38.9 26.6 40.0
86 64.7 50.6 75.8

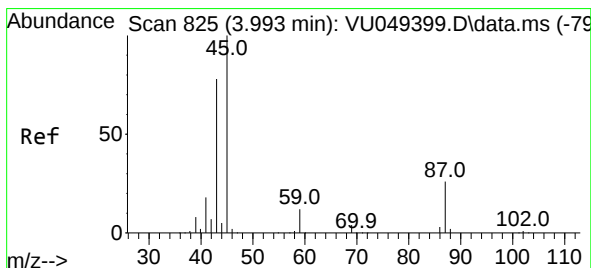
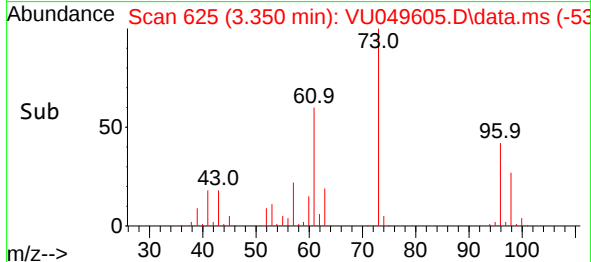
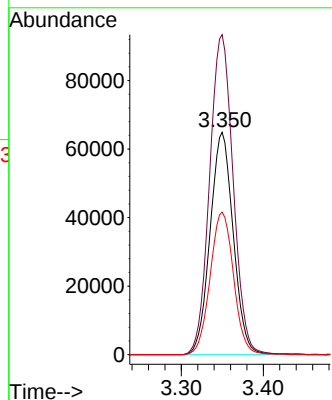
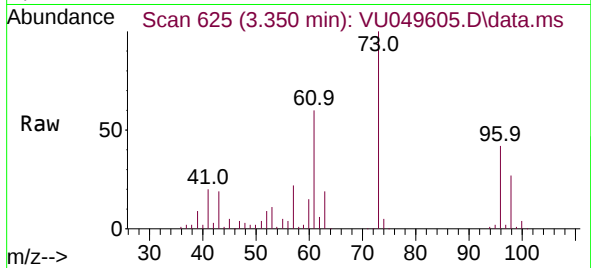




#21
trans-1,2-Dichloroethene
Concen: 52.867 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

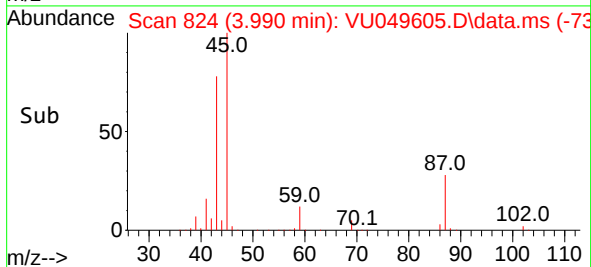
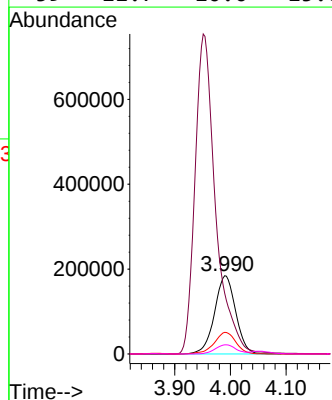
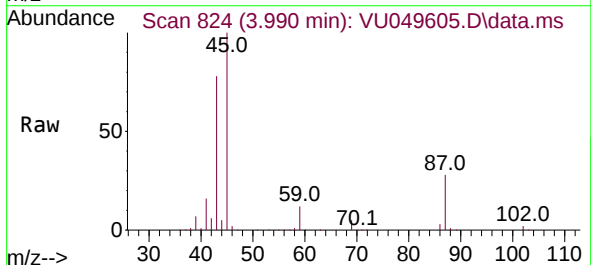
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

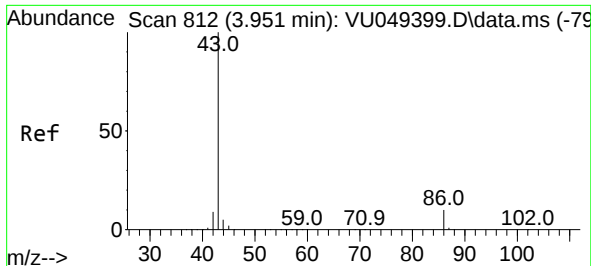
Tgt Ion: 96 Resp: 127575
Ion Ratio Lower Upper
96 100
61 143.9 106.1 159.1
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 56.269 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 45 Resp: 486040
Ion Ratio Lower Upper
45 100
43 76.6 92.9 139.3#
87 27.7 26.2 39.2
59 11.7 10.0 15.0

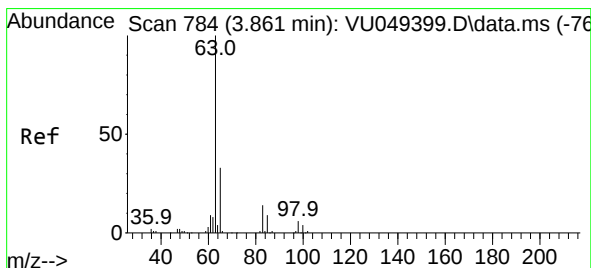
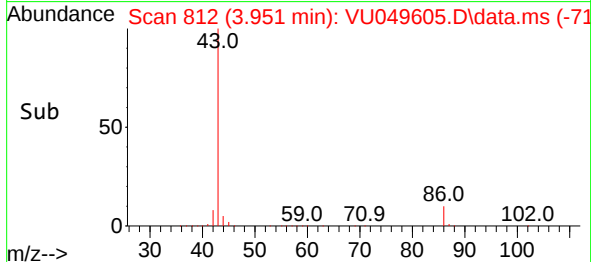
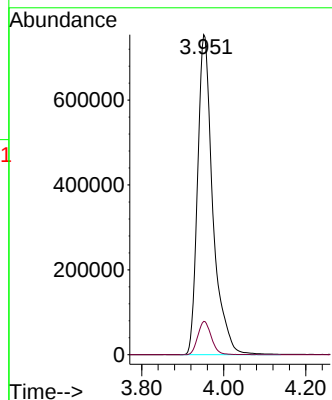
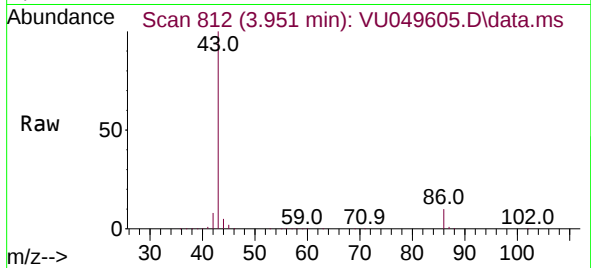




#23
 Vinyl Acetate
 Concen: 256.546 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

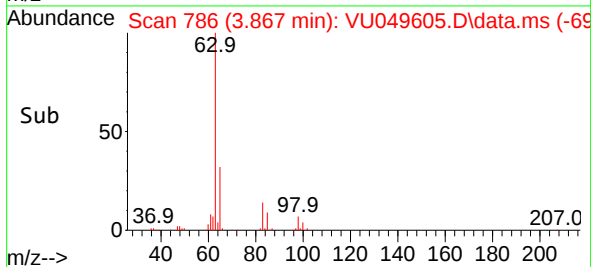
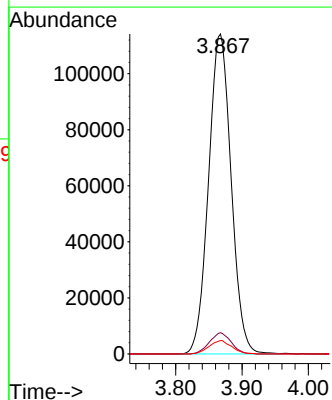
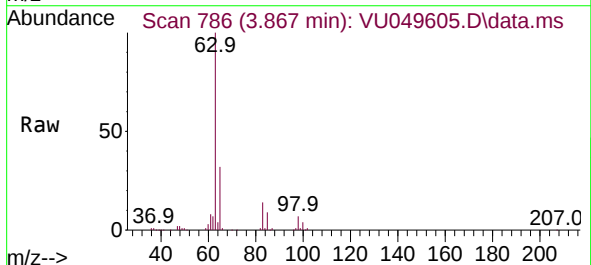
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

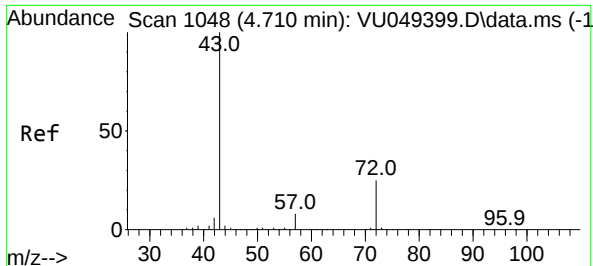
Tgt Ion: 43 Resp: 1942302
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 54.414 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

Tgt Ion: 63 Resp: 269985
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 299.404 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

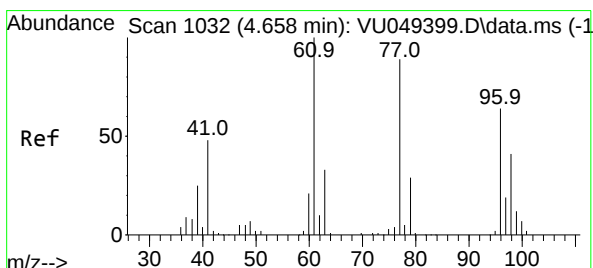
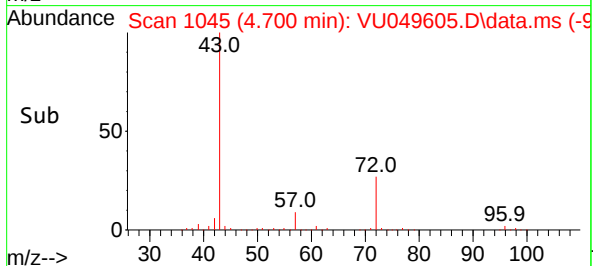
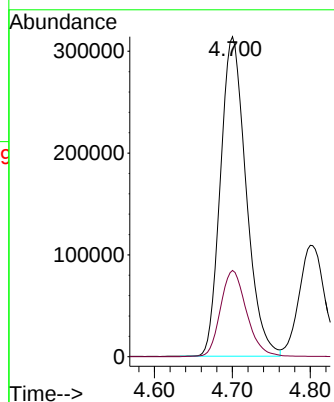
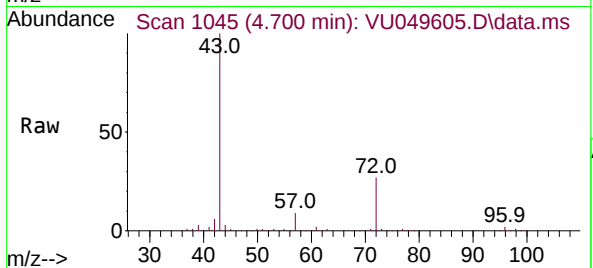
VSTDCCC050EC

Tgt Ion: 43 Resp: 718228

Ion Ratio Lower Upper

43 100

72 27.0 23.8 35.6



#26

2,2-Dichloropropane

Concen: 26.872 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049605.D

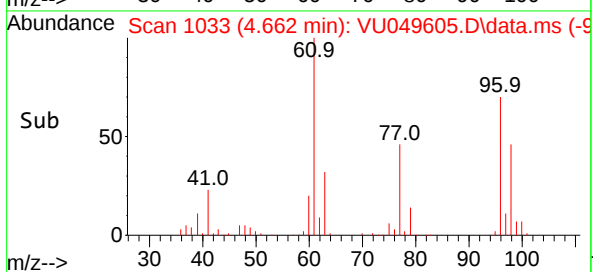
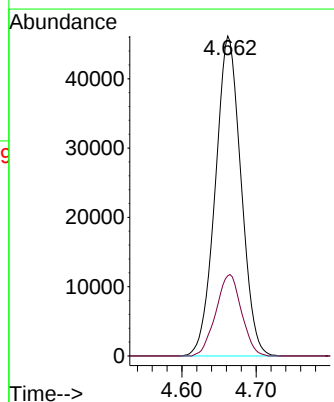
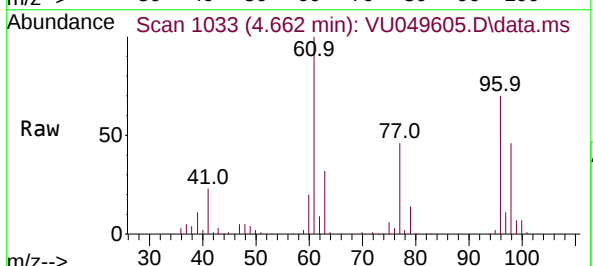
Acq: 02 Jul 2022 00:28

Tgt Ion: 77 Resp: 110969

Ion Ratio Lower Upper

77 100

97 25.3 11.6 34.8

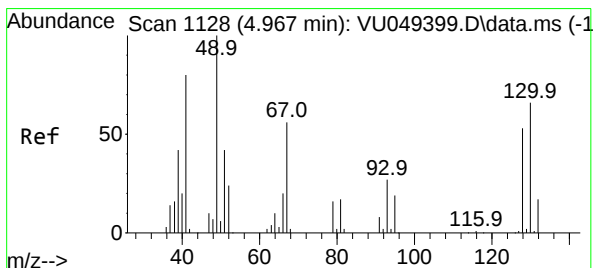
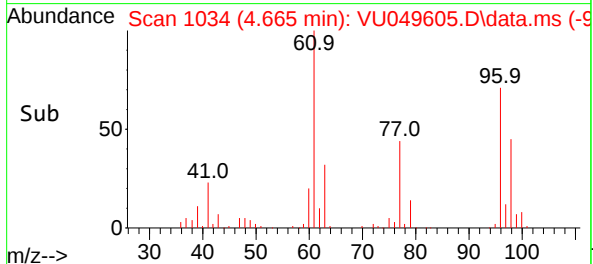
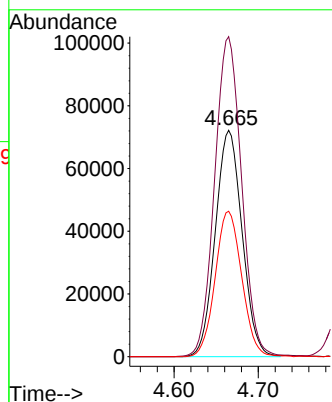
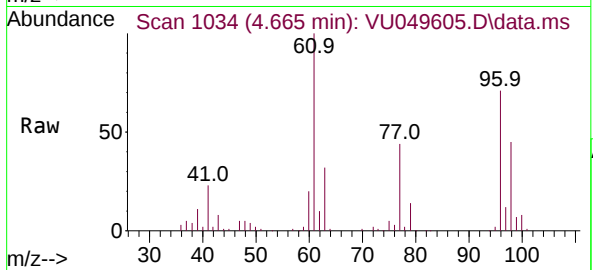




#27
 cis-1,2-Dichloroethene
 Concen: 57.220 ug/l
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

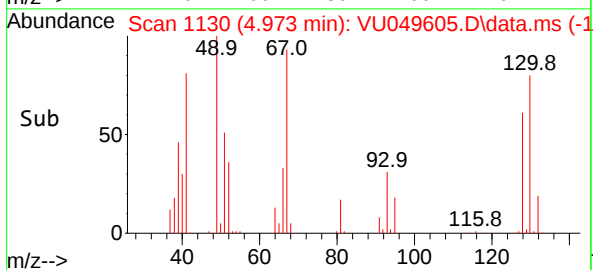
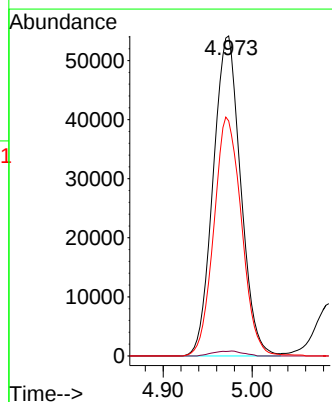
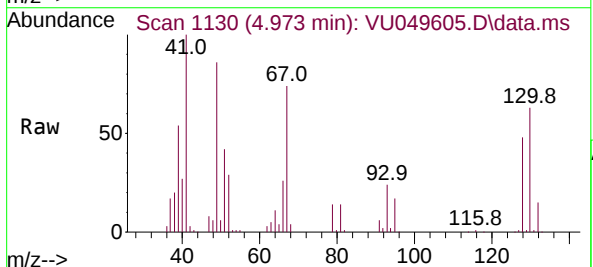
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

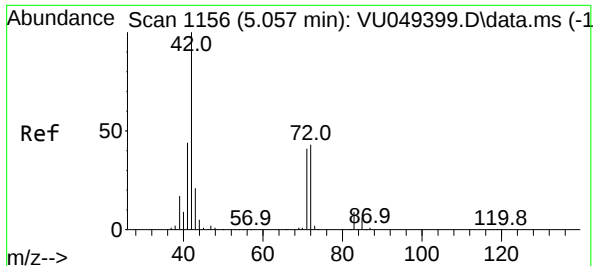
Tgt Ion: 96 Resp: 159538
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 271.6
 98 63.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 53.587 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

Tgt Ion: 49 Resp: 116219
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 75.1 76.9 115.3#





#29

Tetrahydrofuran

Concen: 286.656 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.009 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

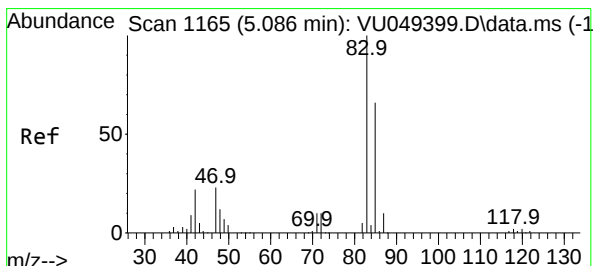
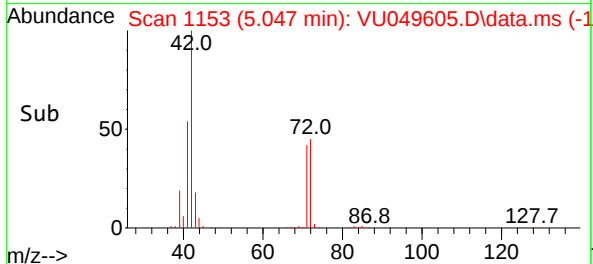
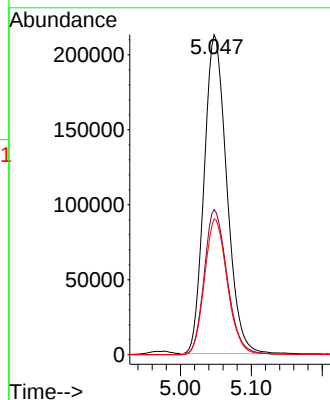
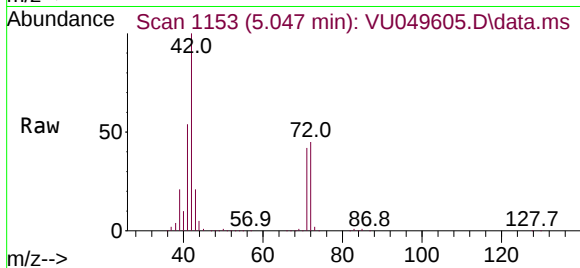
Tgt Ion: 42 Resp: 471734

Ion Ratio Lower Upper

42 100

72 46.3 42.6 63.8

71 43.1 40.3 60.5



#30

Chloroform

Concen: 54.123 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049605.D

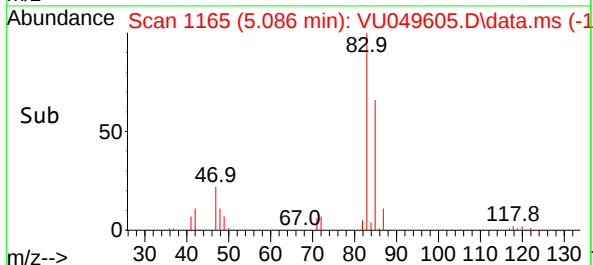
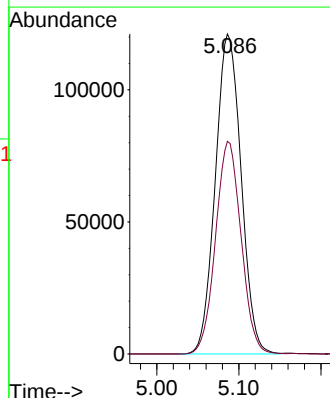
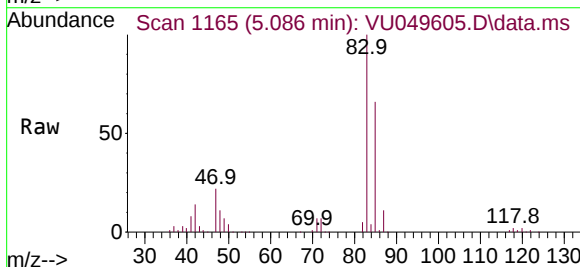
Acq: 02 Jul 2022 00:28

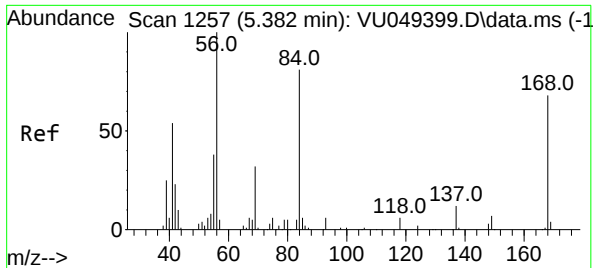
Tgt Ion: 83 Resp: 265639

Ion Ratio Lower Upper

83 100

85 66.5 51.2 76.8

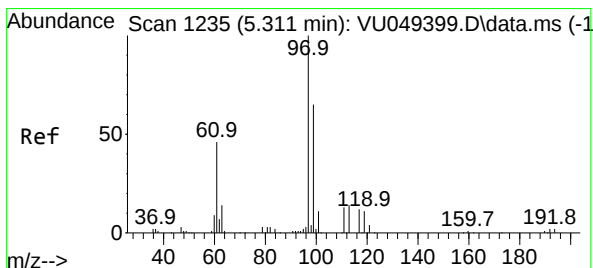
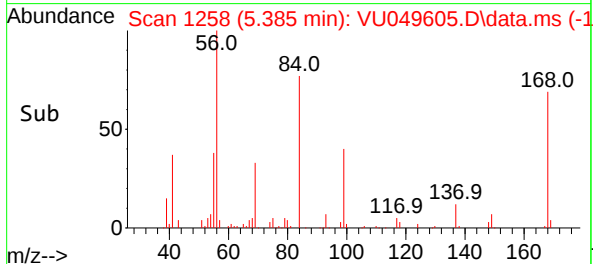
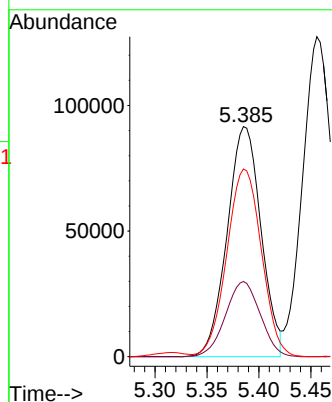
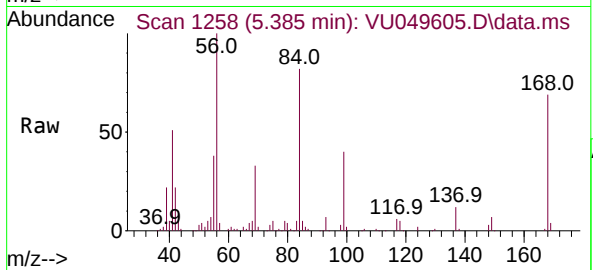




#31
Cyclohexane
Concen: 43.523 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

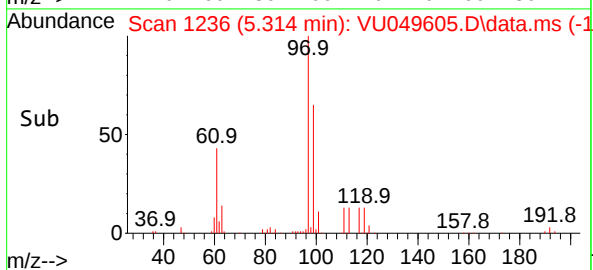
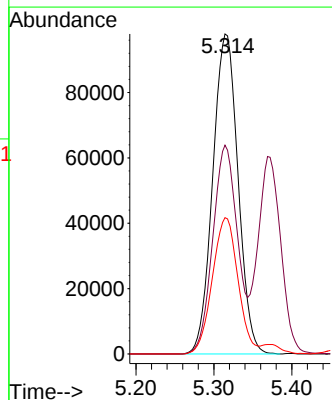
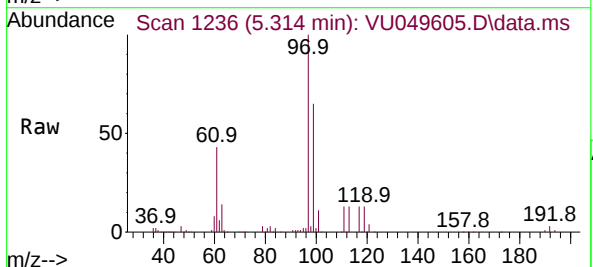
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 207430
Ion Ratio Lower Upper
56 100
69 32.7 27.8 41.8
84 80.1 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 51.839 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 97 Resp: 220755
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.255 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

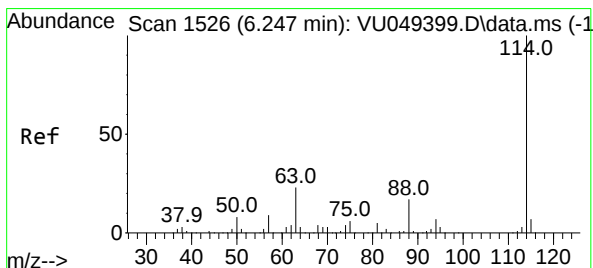
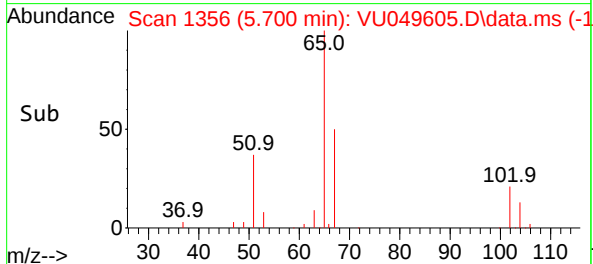
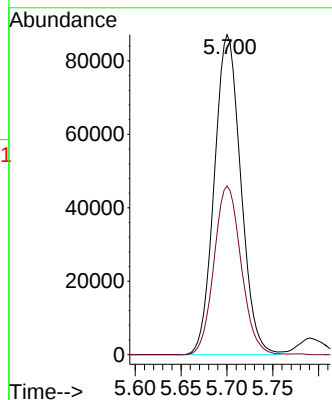
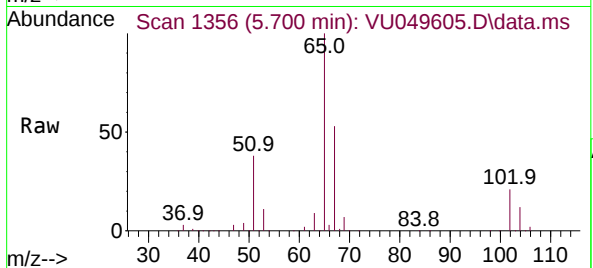
VSTDCCC050EC

Tgt Ion: 65 Resp: 175386

Ion Ratio Lower Upper

65 100

67 53.8 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: VU049605.D

Acq: 02 Jul 2022 00:28

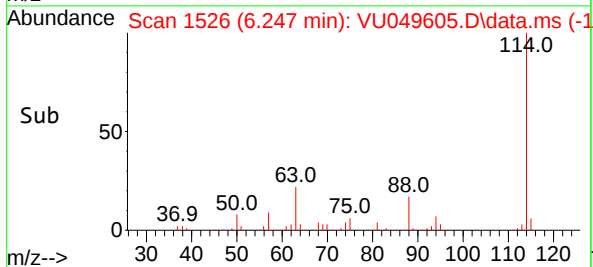
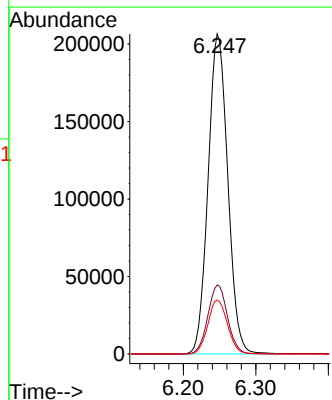
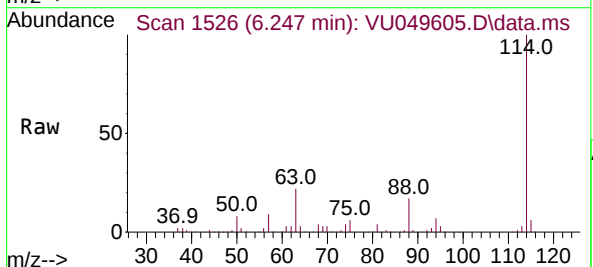
Tgt Ion: 114 Resp: 389035

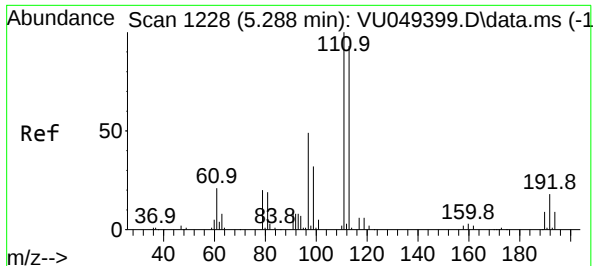
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.9 0.0 29.2

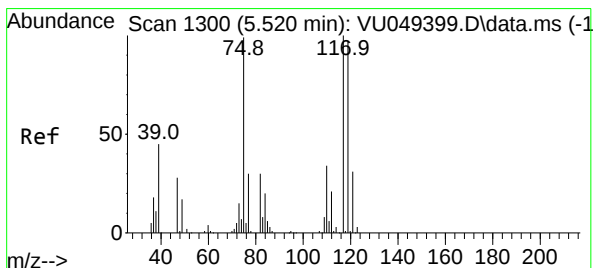
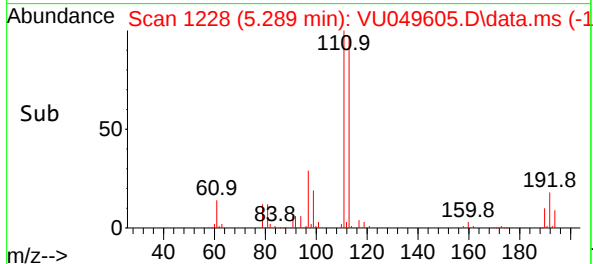
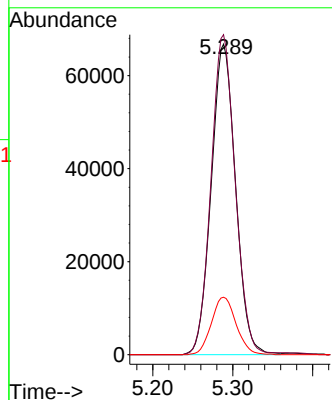
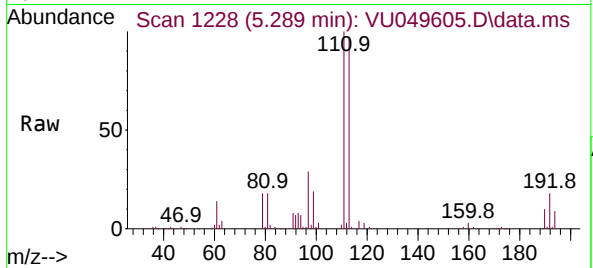




#35
Dibromofluoromethane
Concen: 51.882 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

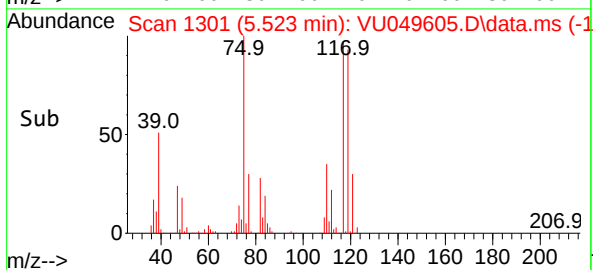
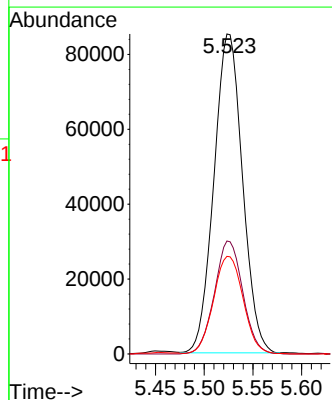
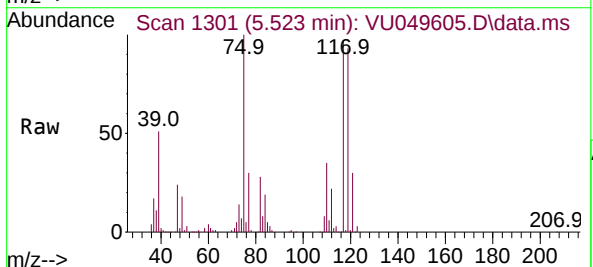
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

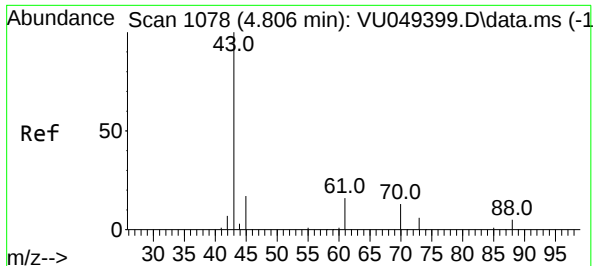
Tgt Ion:113 Resp: 141212
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 18.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 43.933 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 75 Resp: 173385
Ion Ratio Lower Upper
75 100
110 35.2 18.4 55.2
77 31.8 25.1 37.7





#37

Ethyl Acetate

Concen: 46.791 ug/l

RT: 4.800 min Scan# 110

Delta R.T. -0.006 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

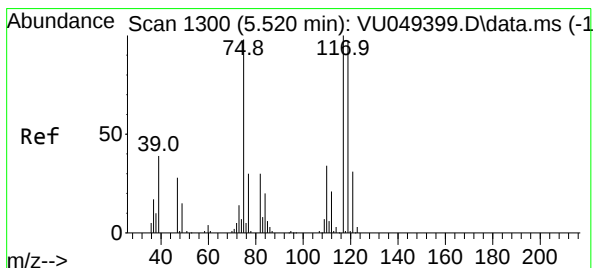
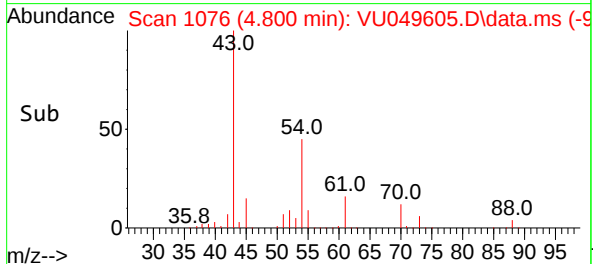
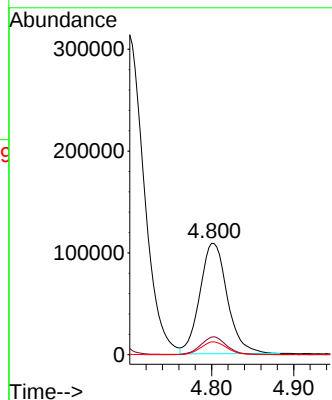
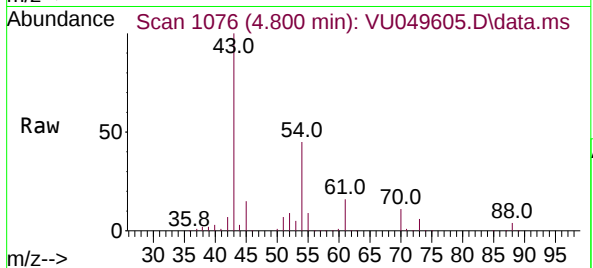
Tgt Ion: 43 Resp: 252336

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 43.944 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

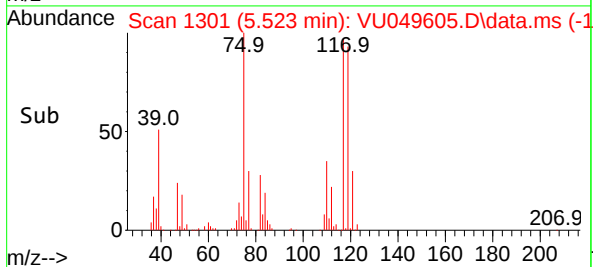
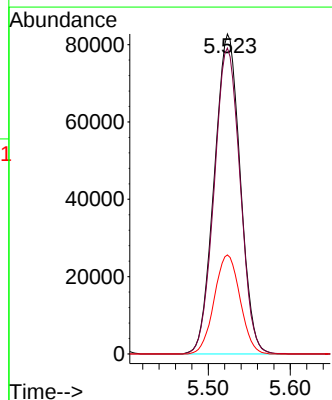
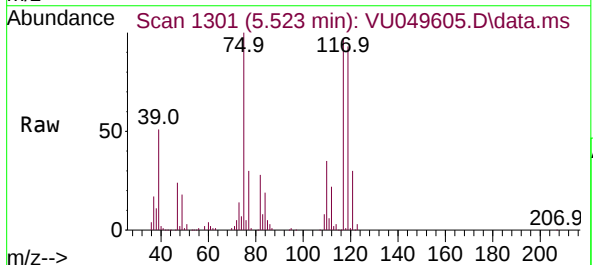
Tgt Ion: 117 Resp: 181882

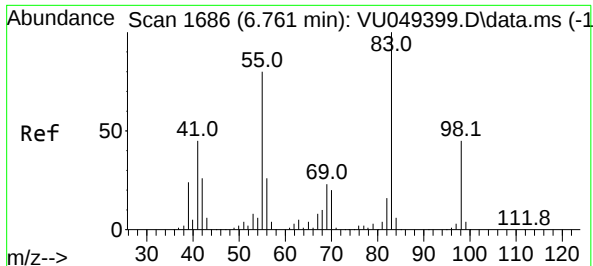
Ion Ratio Lower Upper

117 100

119 95.6 76.8 115.2

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 38.551 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

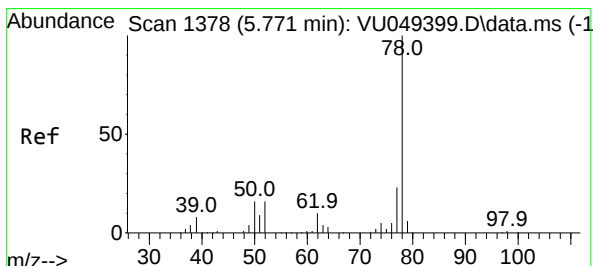
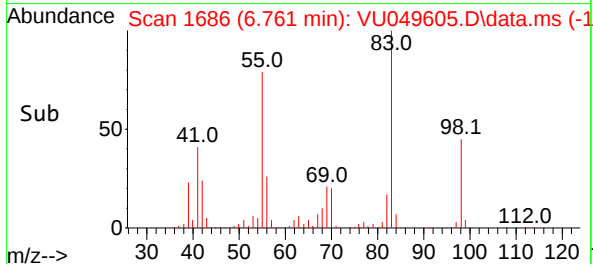
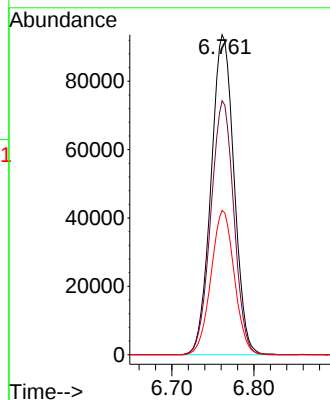
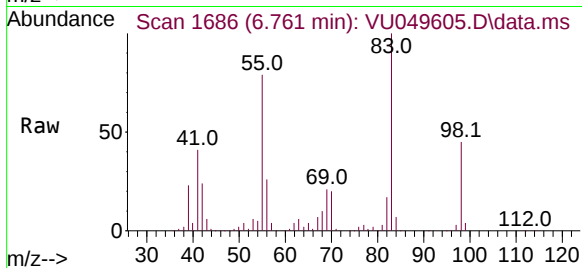
Tgt Ion: 83 Resp: 182365

Ion Ratio Lower Upper

83 100

55 79.3 55.3 82.9

98 45.0 37.3 55.9



#40

Benzene

Concen: 48.957 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU049605.D

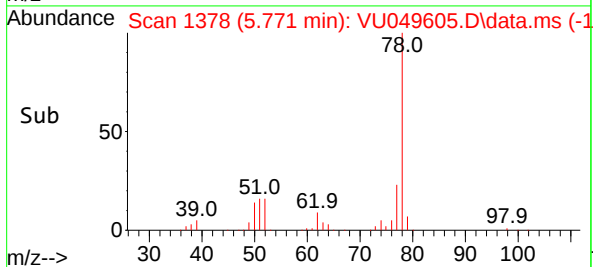
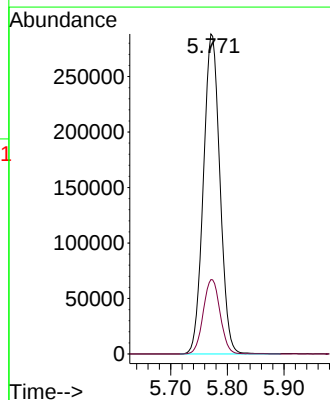
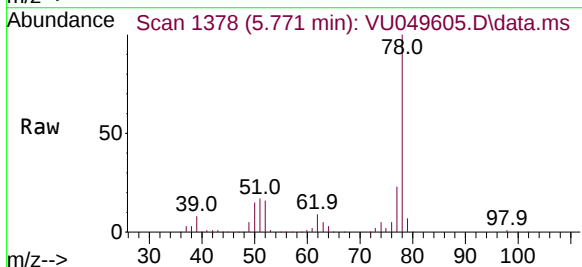
Acq: 02 Jul 2022 00:28

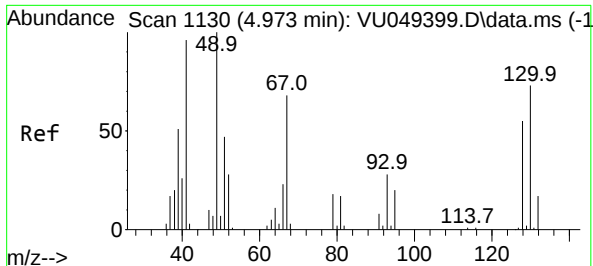
Tgt Ion: 78 Resp: 583331

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2



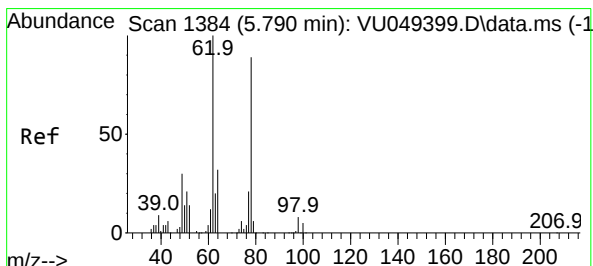
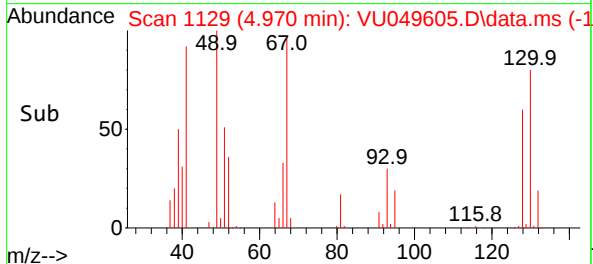
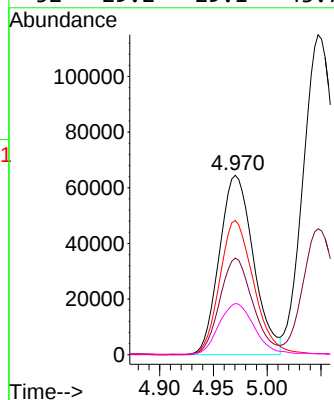
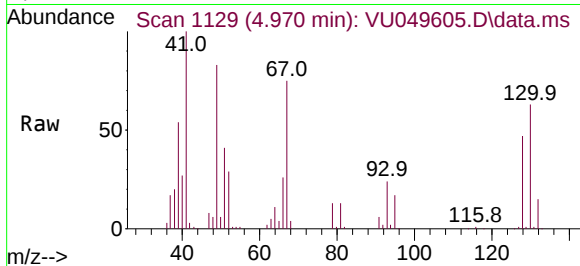


#41
Methacrylonitrile
Concen: 52.661 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 142301

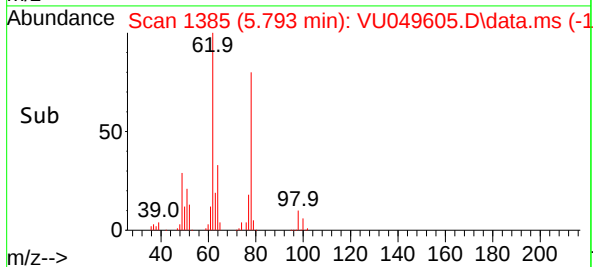
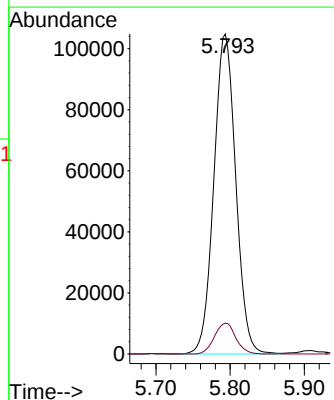
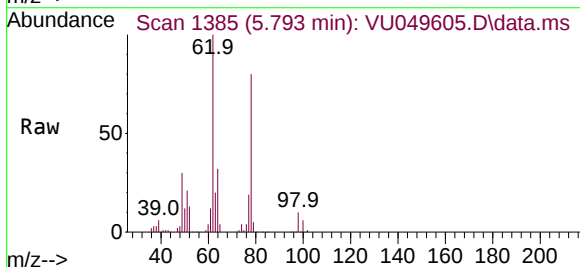
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.1	64.7
67	75.1	72.3	108.5
52	29.2	29.1	43.7

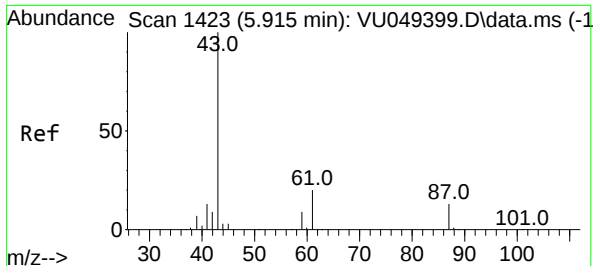


#42
1,2-Dichloroethane
Concen: 48.446 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 62 Resp: 214842

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 50.254 ug/l

RT: 5.909 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

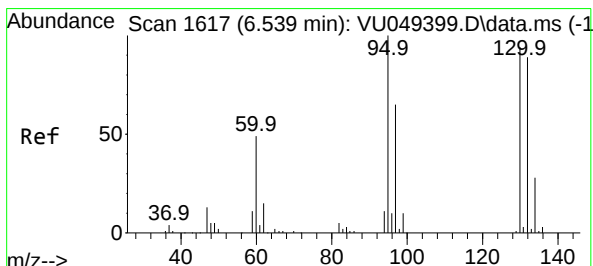
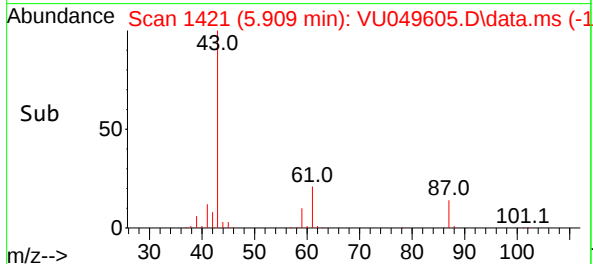
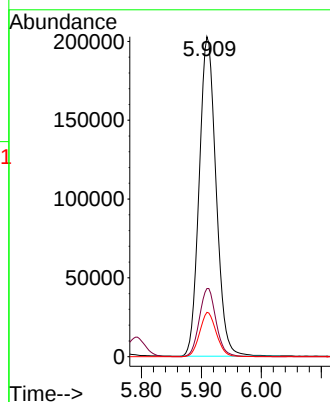
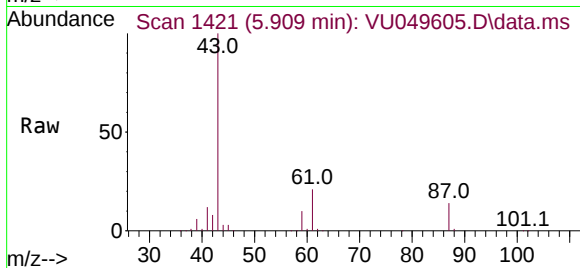
Tgt Ion: 43 Resp: 397106

Ion Ratio Lower Upper

43 100

61 21.2 17.4 26.0

87 13.7 12.6 18.8



#44

Trichloroethene

Concen: 47.040 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049605.D

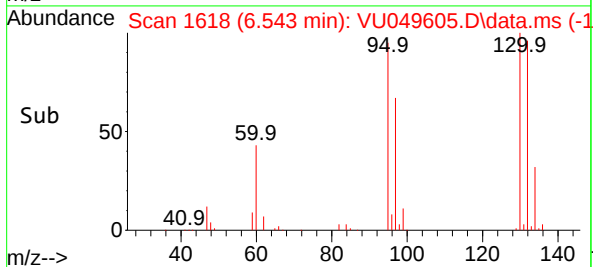
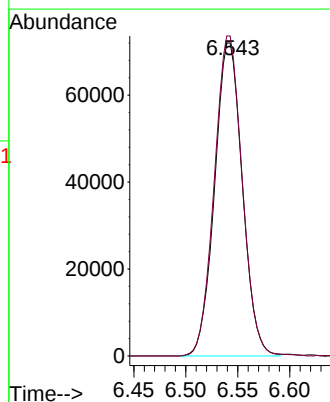
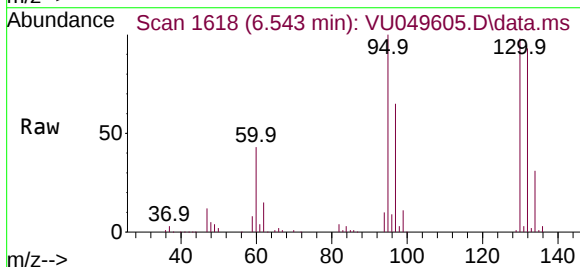
Acq: 02 Jul 2022 00:28

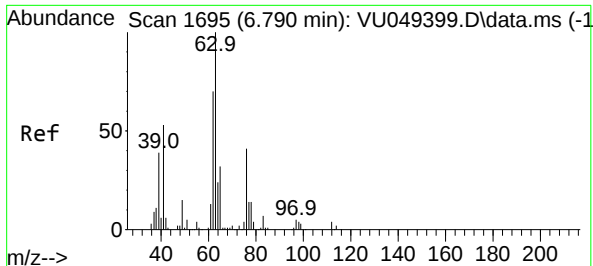
Tgt Ion:130 Resp: 133240

Ion Ratio Lower Upper

130 100

95 102.2 0.0 184.6





#45

1,2-Dichloropropane

Concen: 49.026 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

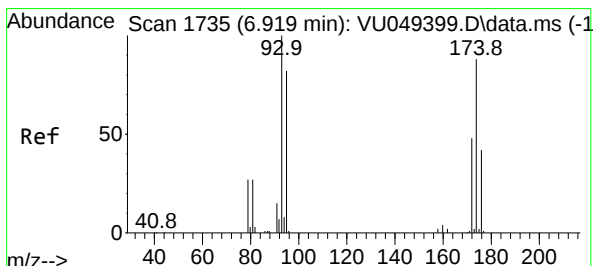
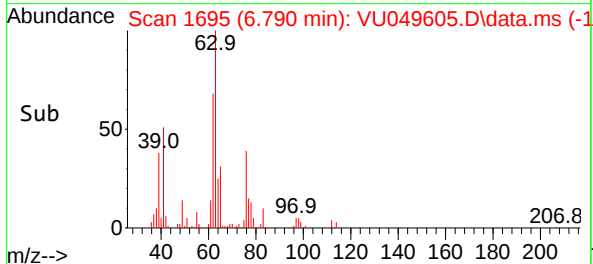
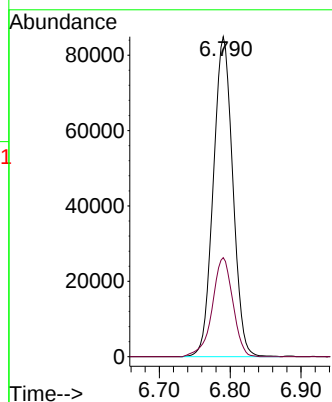
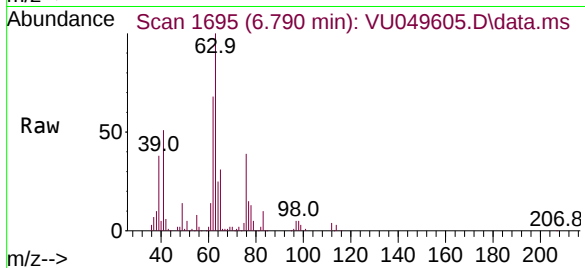
VSTDCCC050EC

Tgt Ion: 63 Resp: 161862

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 50.543 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

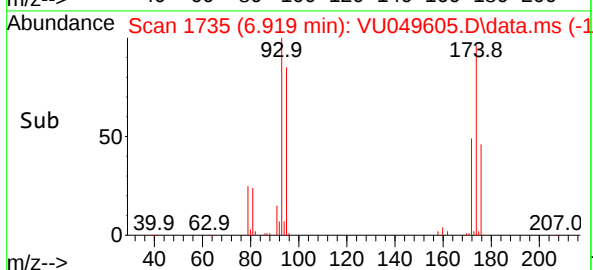
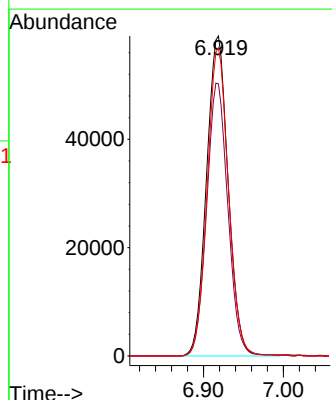
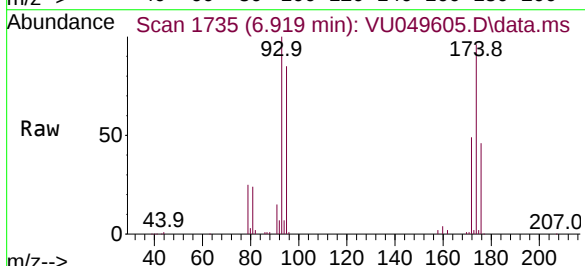
Tgt Ion: 93 Resp: 111256

Ion Ratio Lower Upper

93 100

95 83.4 66.3 99.5

174 94.4 88.2 132.4

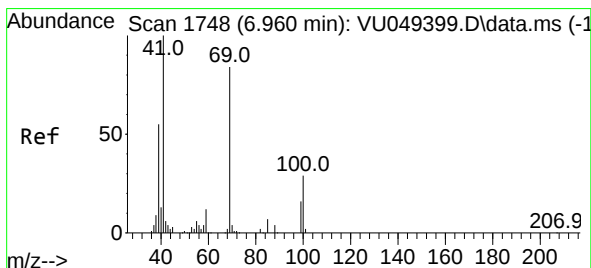
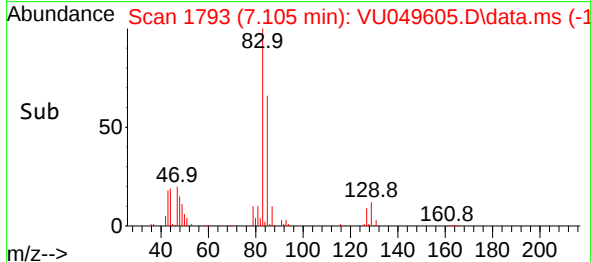
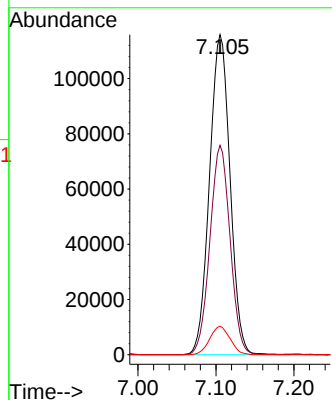
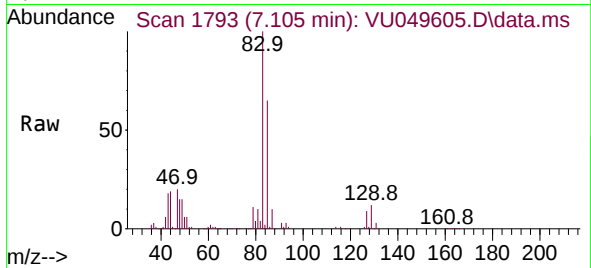




#47
Bromodichloromethane
Concen: 49.992 ug/l
RT: 7.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

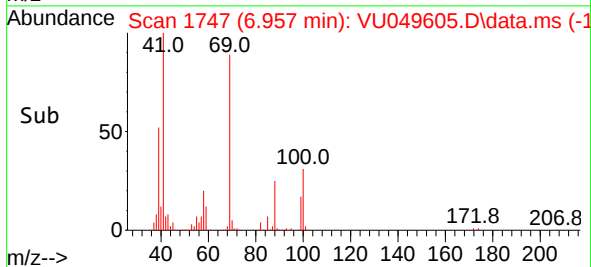
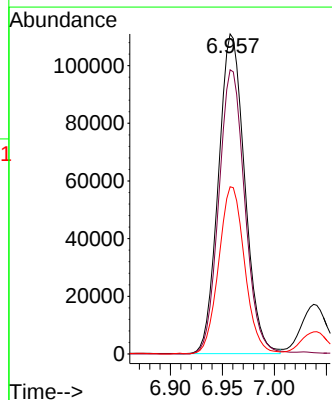
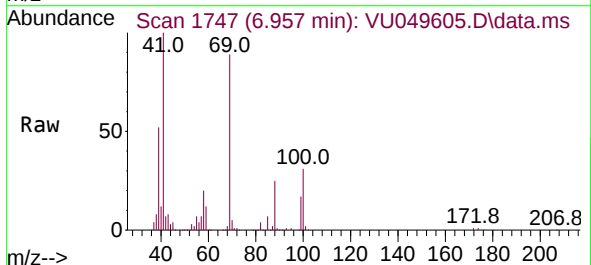
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

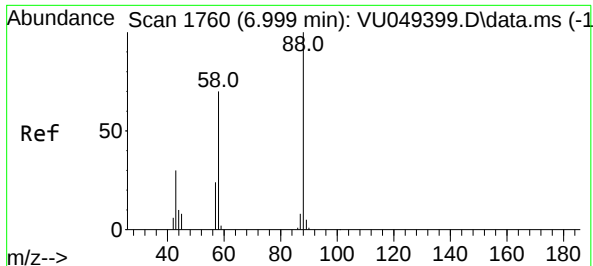
Tgt Ion: 83 Resp: 211804
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 52.828 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 41 Resp: 195633
Ion Ratio Lower Upper
41 100
69 87.7 79.8 119.6
39 51.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1077.321 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. -0.029 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

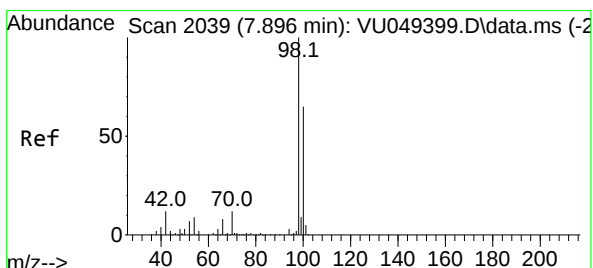
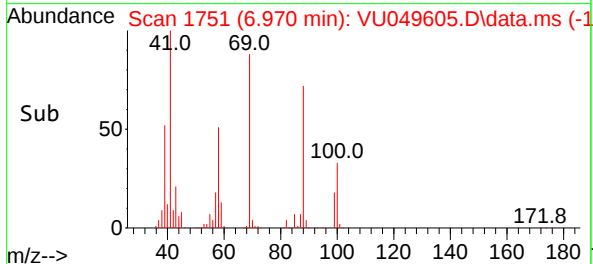
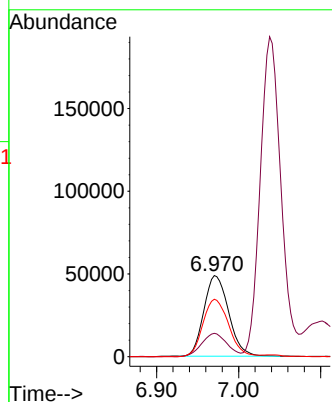
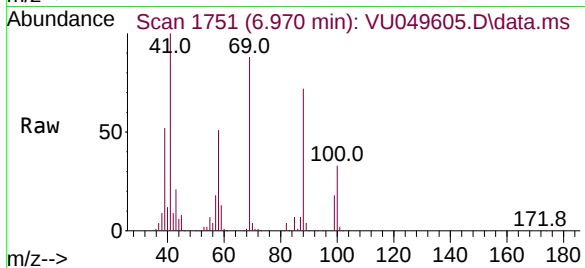
Tgt Ion: 88 Resp: 102210

Ion Ratio Lower Upper

88 100

43 29.7 0.0 0.0#

58 74.3 15.4 23.0#



#50

Toluene-d8

Concen: 50.149 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049605.D

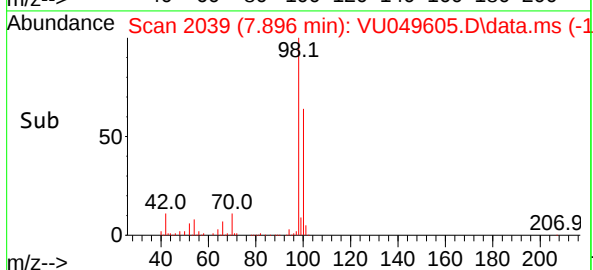
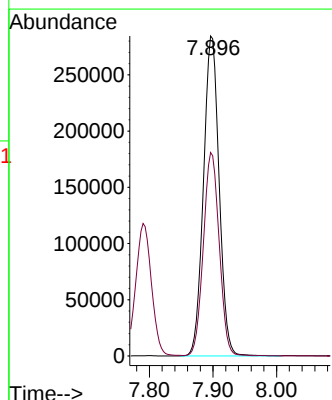
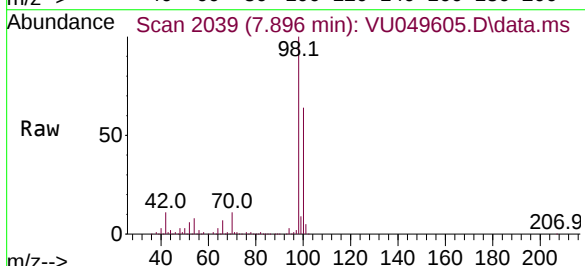
Acq: 02 Jul 2022 00:28

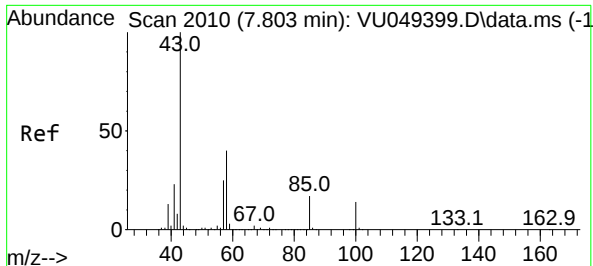
Tgt Ion: 98 Resp: 486837

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

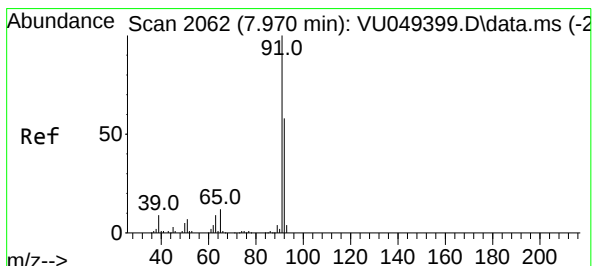
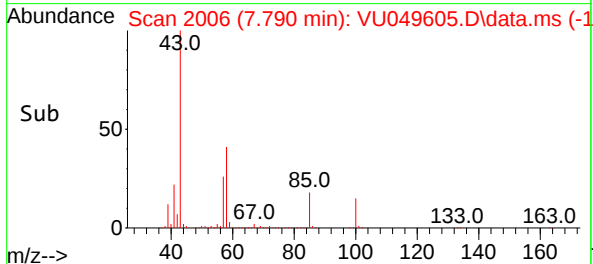
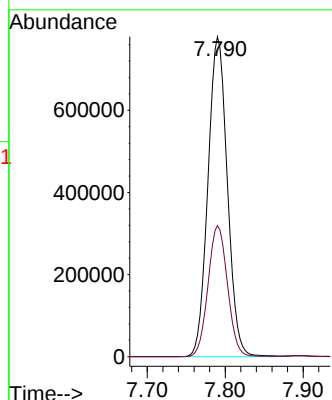
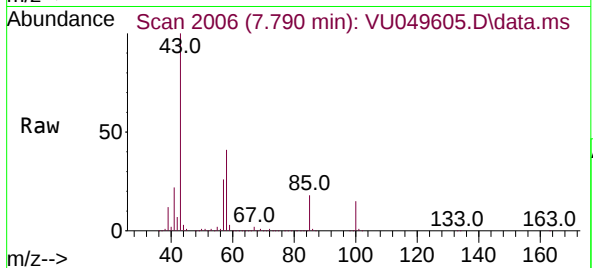




#51
4-Methyl-2-Pentanone
Concen: 254.459 ug/l
RT: 7.790 min Scan# 2010
Delta R.T. -0.013 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

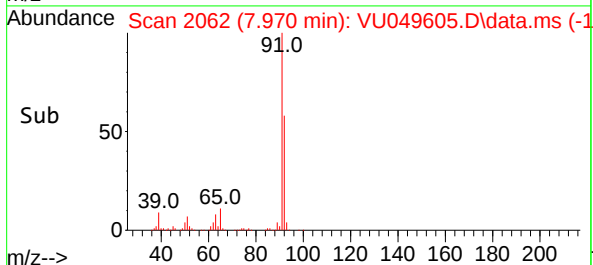
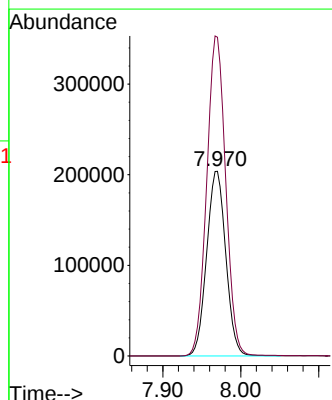
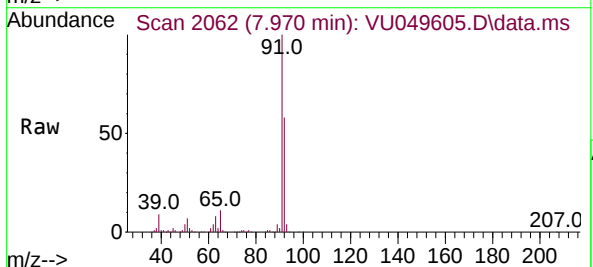
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

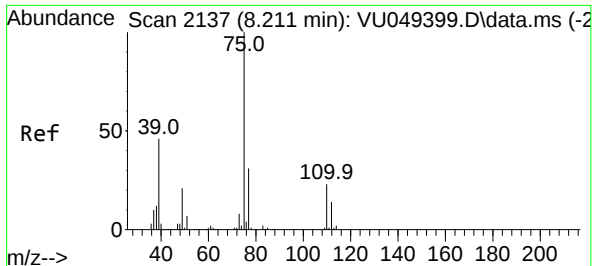
Tgt Ion: 43 Resp: 1345695
Ion Ratio Lower Upper
43 100
58 41.1 34.7 52.1



#52
Toluene
Concen: 49.067 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 92 Resp: 347486
Ion Ratio Lower Upper
92 100
91 171.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 46.831 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

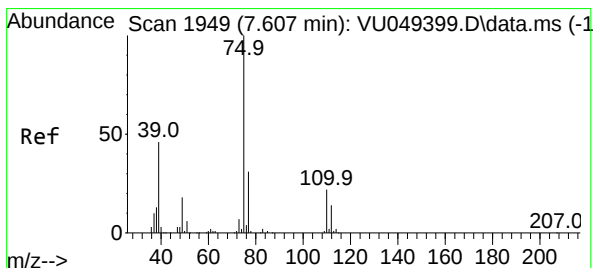
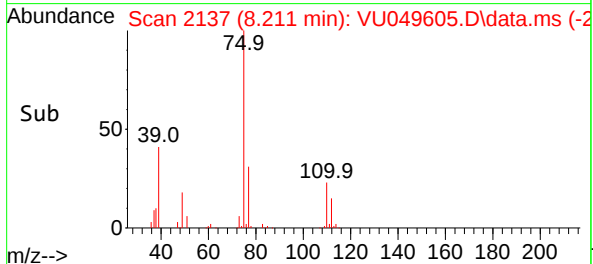
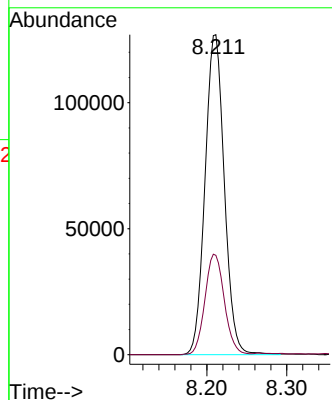
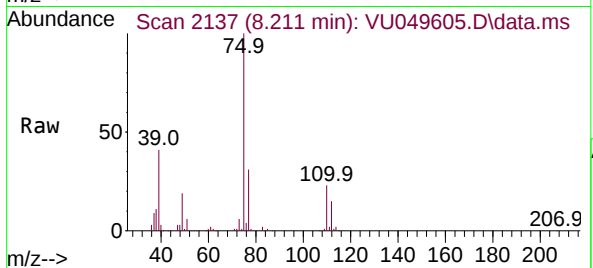
VSTDCCC050EC

Tgt Ion: 75 Resp: 212830

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 47.944 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

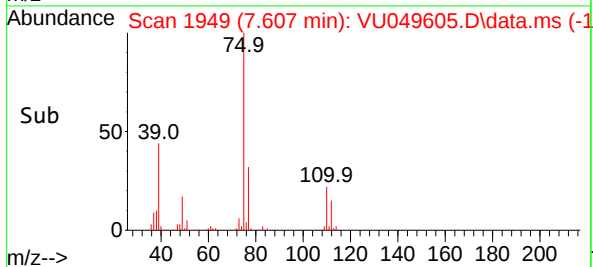
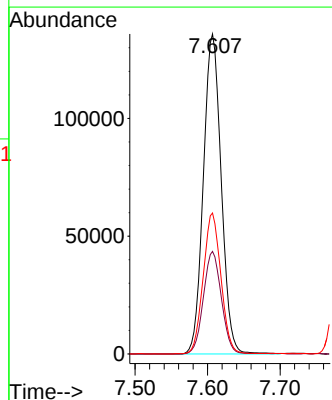
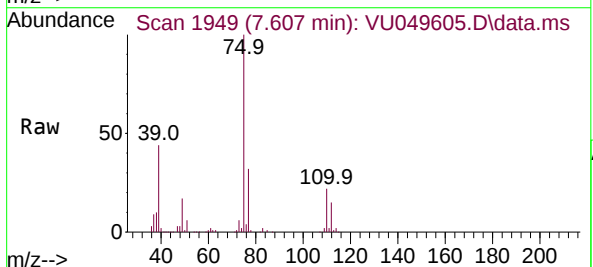
Tgt Ion: 75 Resp: 232644

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 44.0 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 51.850 ug/l

RT: 8.401 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 151819

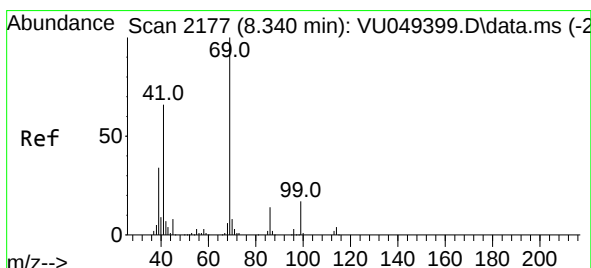
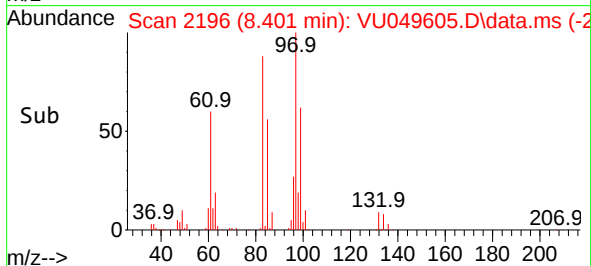
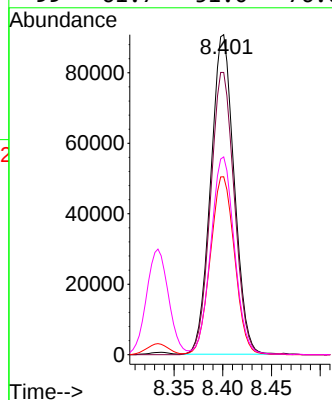
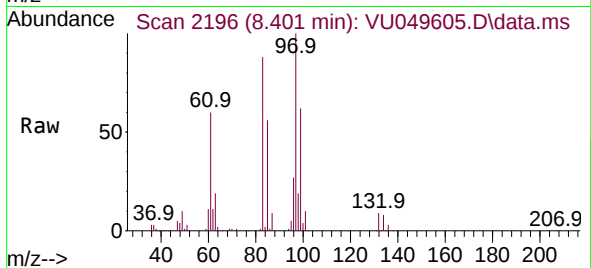
Ion Ratio Lower Upper

97 100

83 88.3 70.2 105.4

85 55.4 44.6 66.8

99 61.7 51.0 76.6



#56

Ethyl methacrylate

Concen: 53.930 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.006 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

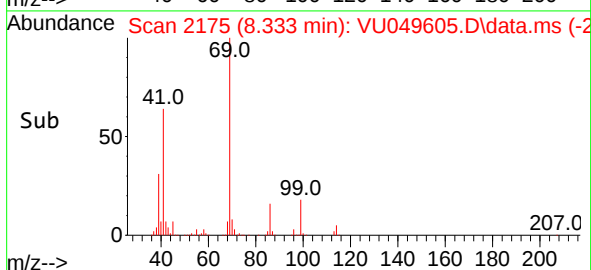
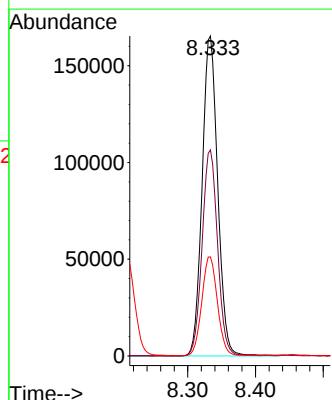
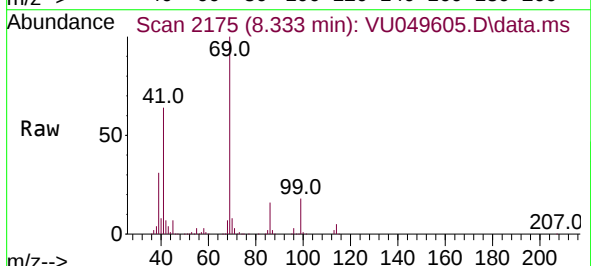
Tgt Ion: 69 Resp: 264111

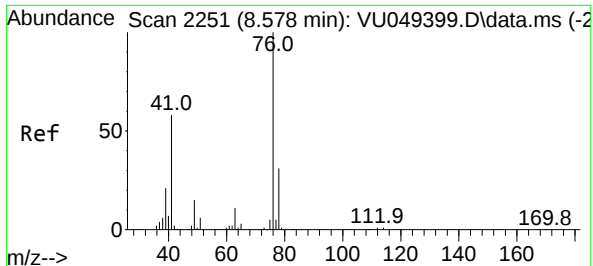
Ion Ratio Lower Upper

69 100

41 64.2 45.4 68.0

39 30.9 25.7 38.5





#57

1,3-Dichloropropane

Concen: 50.865 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

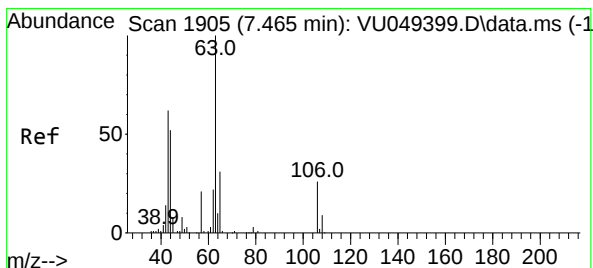
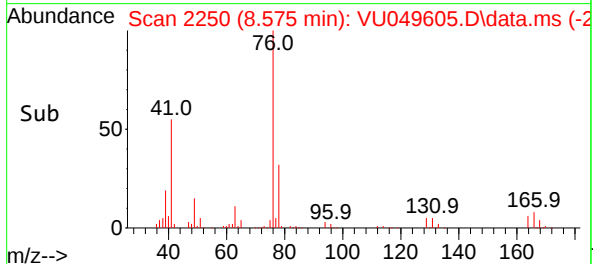
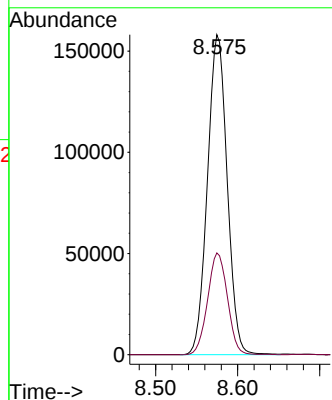
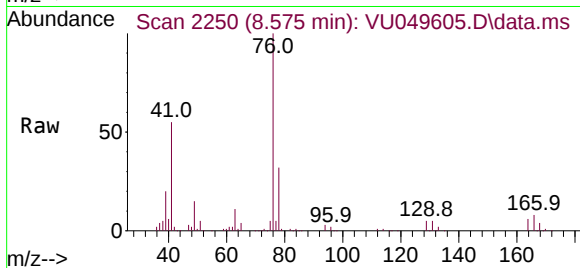
VSTDCCC050EC

Tgt Ion: 76 Resp: 264197

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 442.952 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049605.D

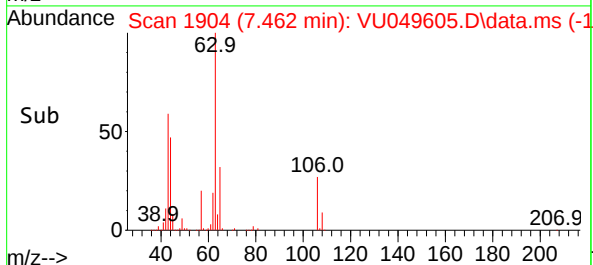
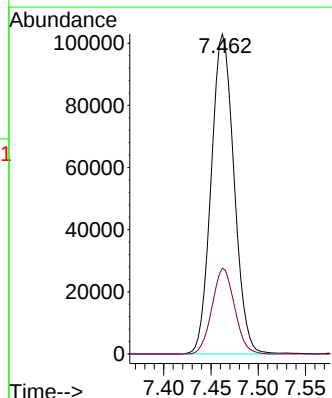
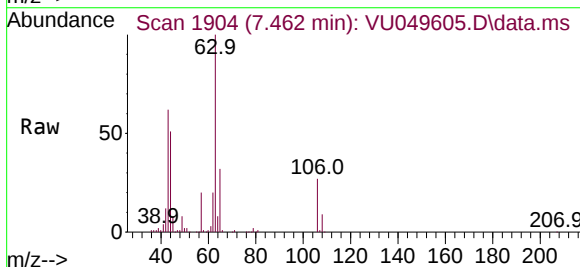
Acq: 02 Jul 2022 00:28

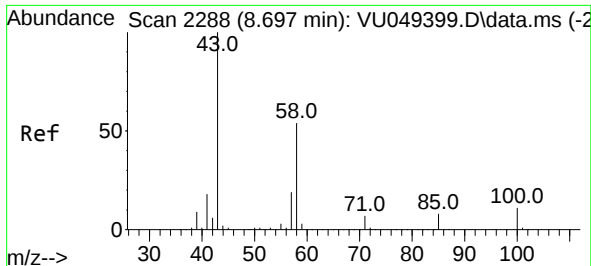
Tgt Ion: 63 Resp: 173204

Ion Ratio Lower Upper

63 100

106 26.4 23.1 34.7

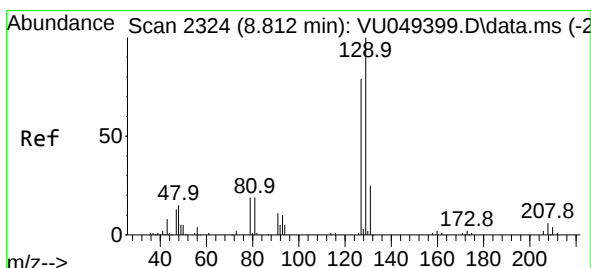
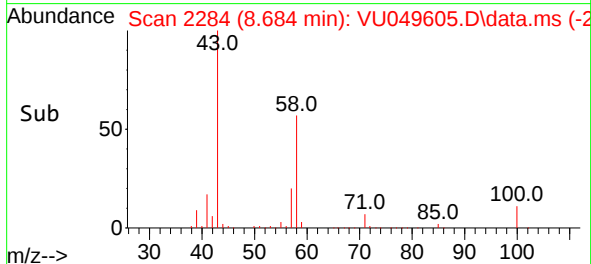
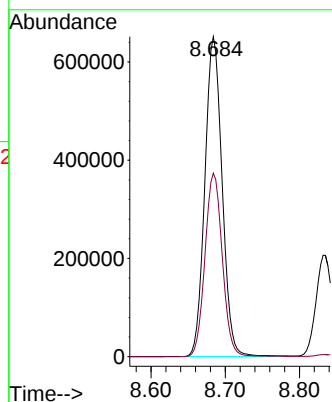
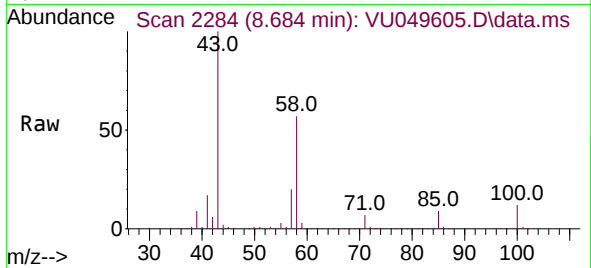




#59
2-Hexanone
Concen: 253.096 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

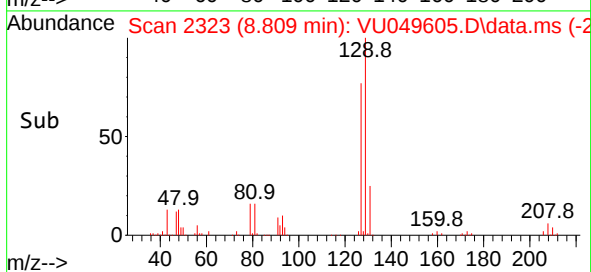
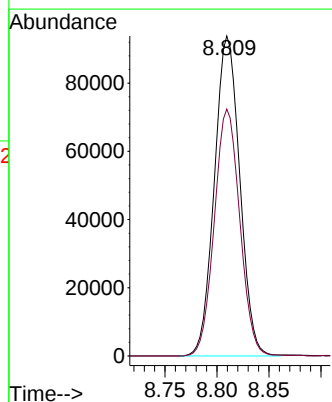
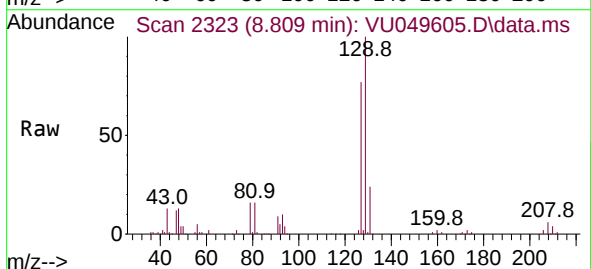
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

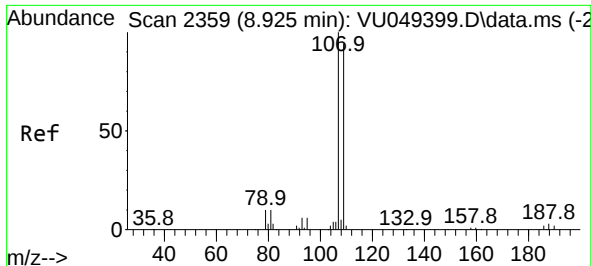
Tgt Ion: 43 Resp: 1052568
Ion Ratio Lower Upper
43 100
58 57.7 30.3 90.8



#60
Dibromochloromethane
Concen: 52.409 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 129 Resp: 159579
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

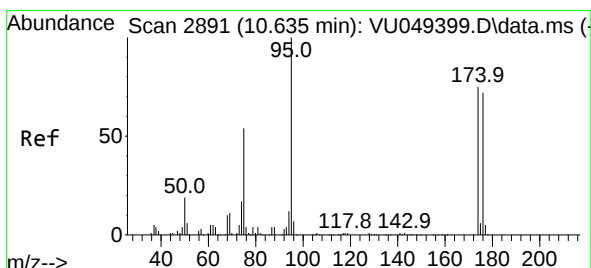
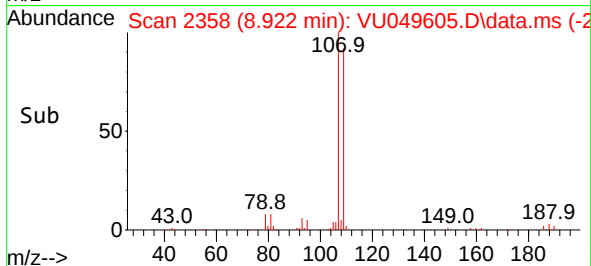
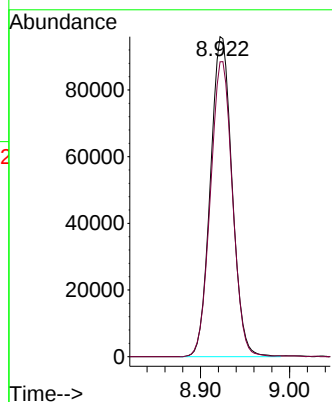
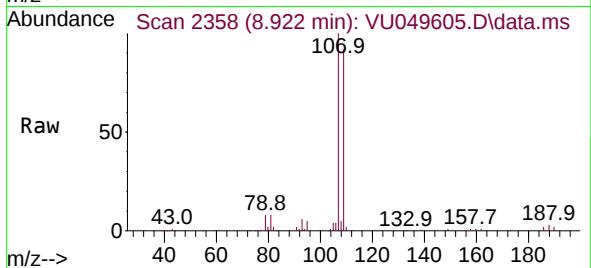




#61
1,2-Dibromoethane
Concen: 50.874 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

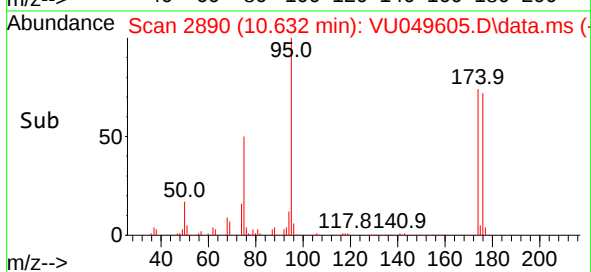
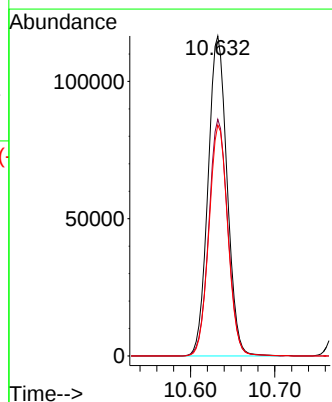
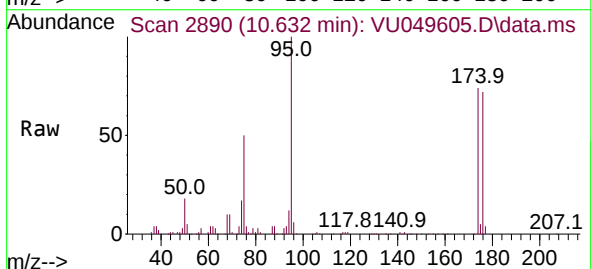
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 162333
Ion Ratio Lower Upper
107 100
109 93.7 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.318 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 95 Resp: 183401
Ion Ratio Lower Upper
95 100
174 73.8 0.0 182.0
176 71.6 0.0 177.8

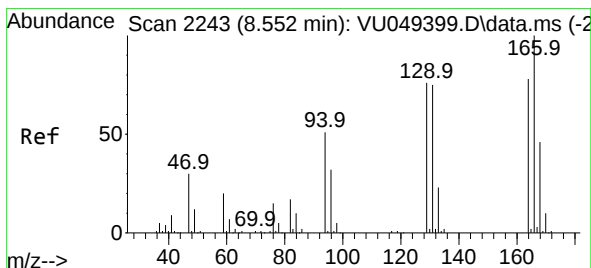
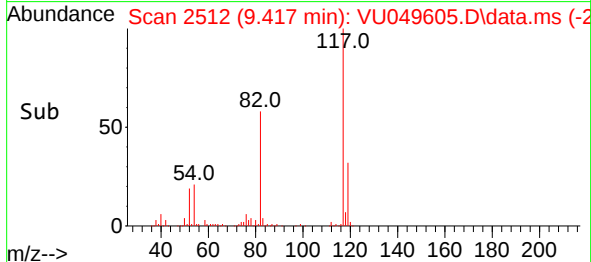
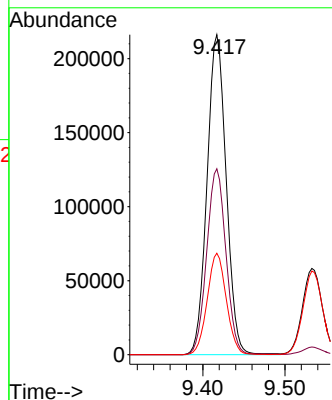
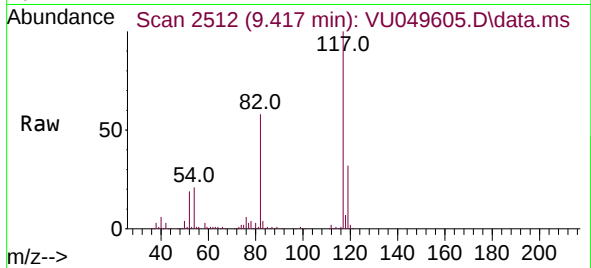




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

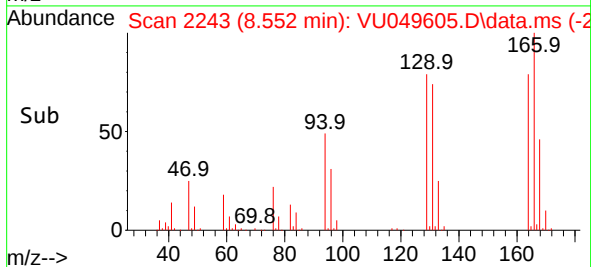
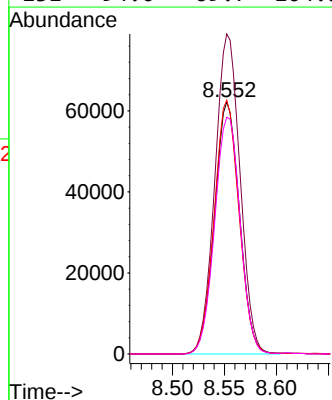
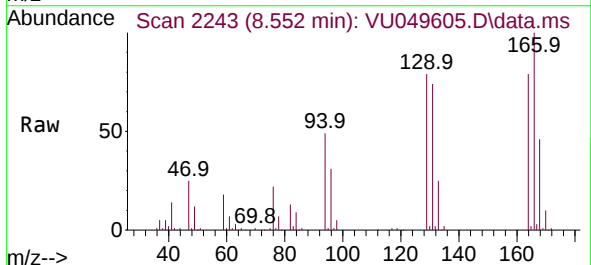
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

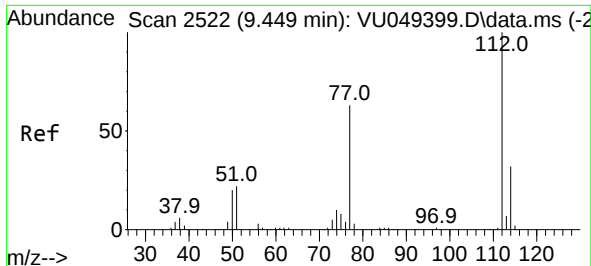
Tgt Ion:117 Resp: 351489
Ion Ratio Lower Upper
117 100
82 58.1 41.7 62.5
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 46.143 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:164 Resp: 104027
Ion Ratio Lower Upper
164 100
166 127.0 100.0 150.0
129 100.7 72.0 108.0
131 94.0 69.7 104.5

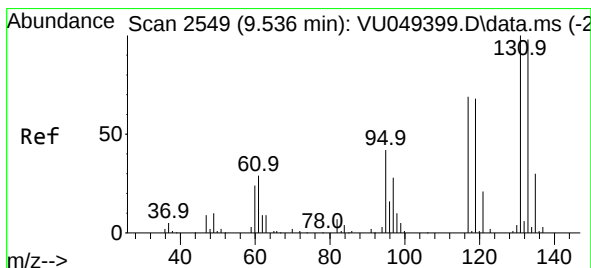
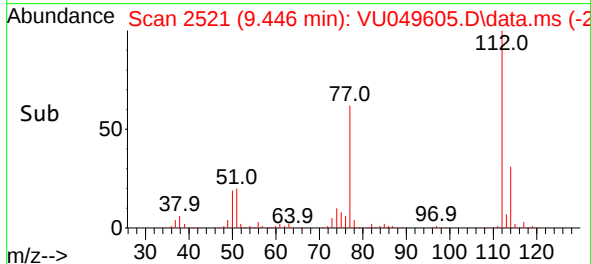
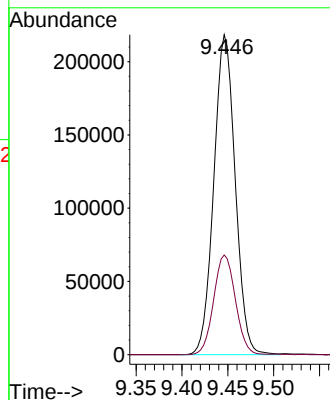
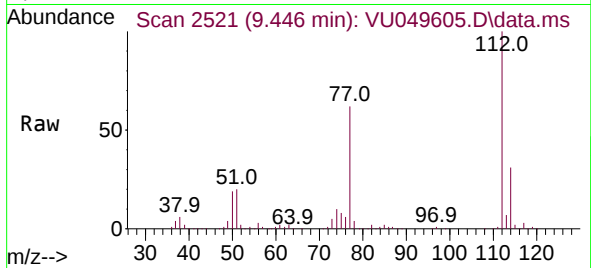




#65
Chlorobenzene
Concen: 49.330 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

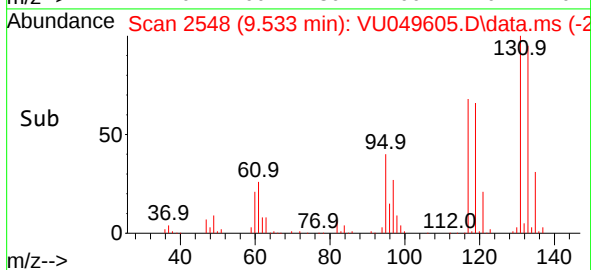
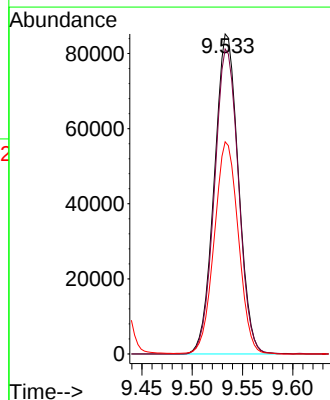
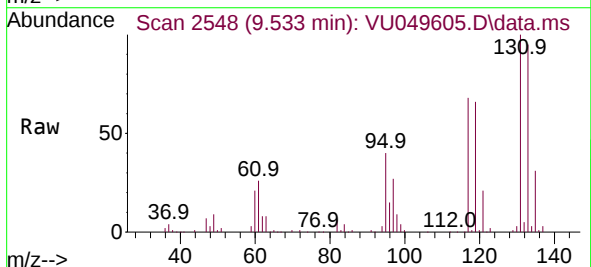
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

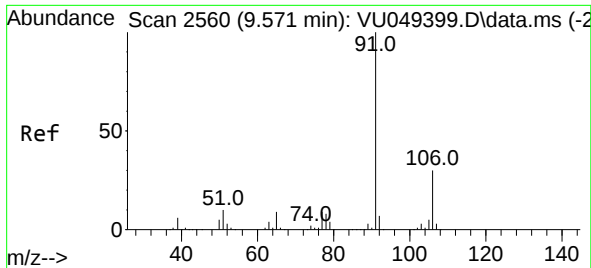
Tgt Ion:112 Resp: 354474
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.388 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:131 Resp: 142012
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 66.4 33.9 101.6

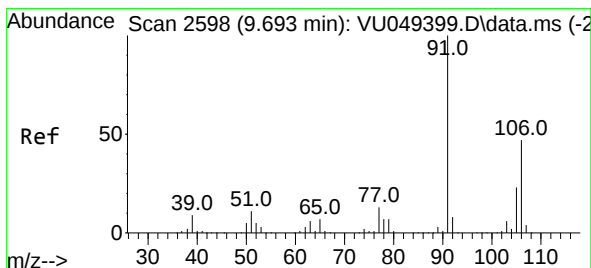
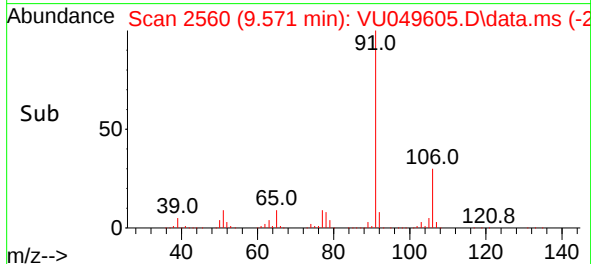
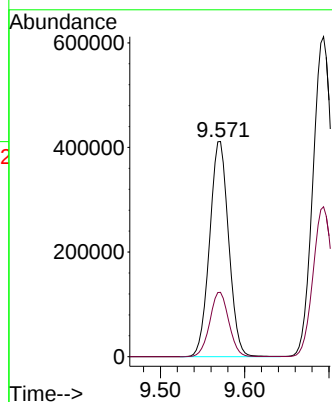
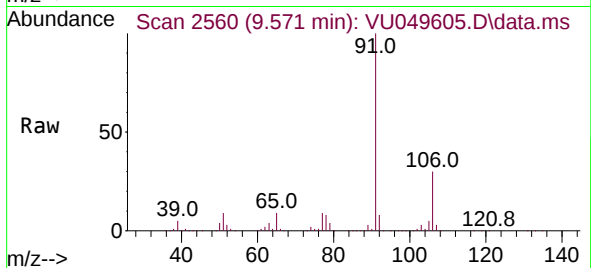




#67
Ethyl Benzene
Concen: 48.993 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

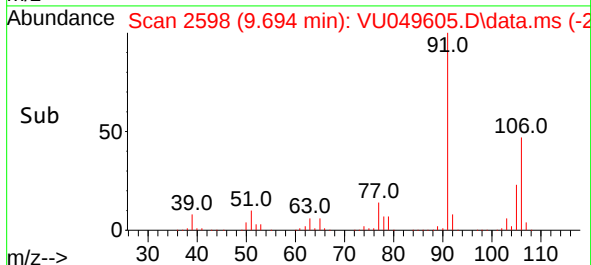
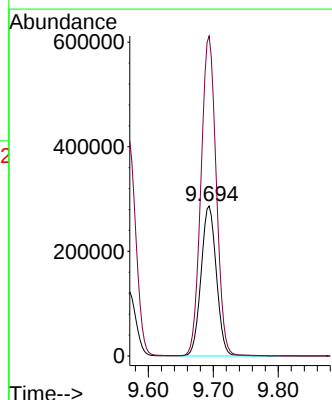
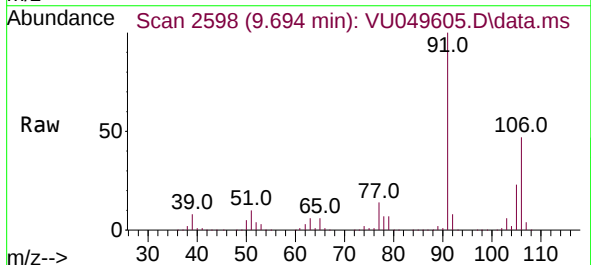
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

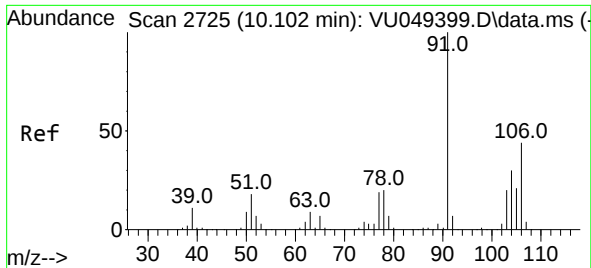
Tgt Ion: 91 Resp: 646307
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 96.481 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 106 Resp: 470928
Ion Ratio Lower Upper
106 100
91 213.2 157.2 235.8

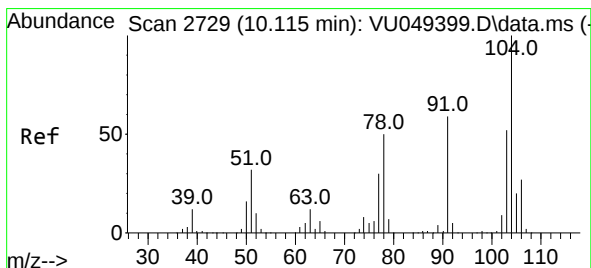
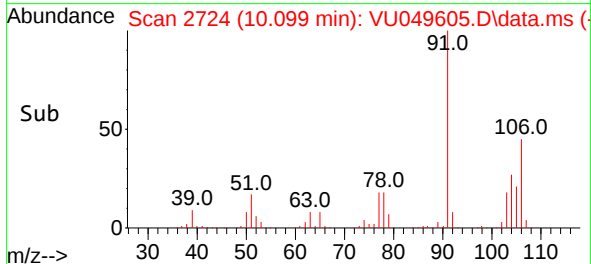
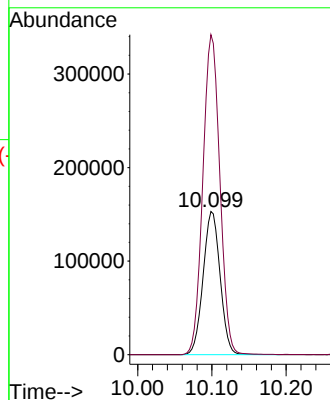
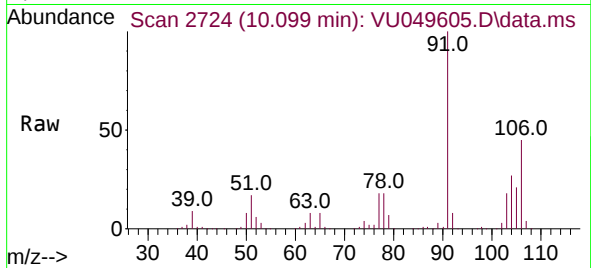




#69
o-Xylene
Concen: 50.202 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

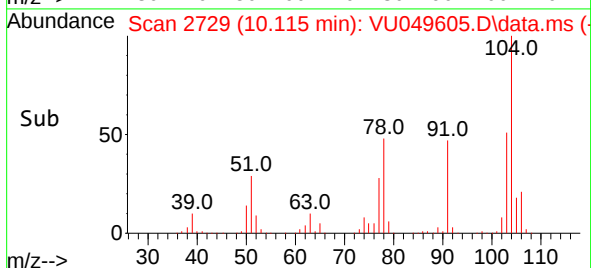
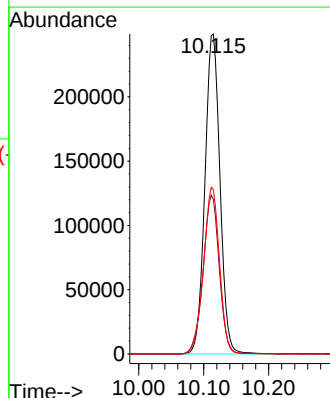
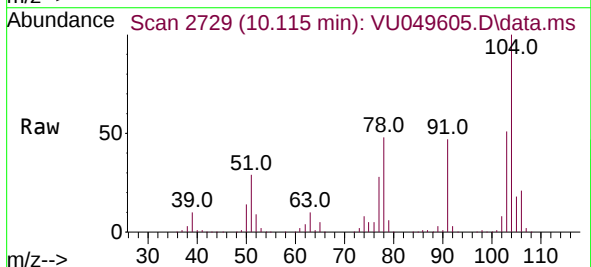
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

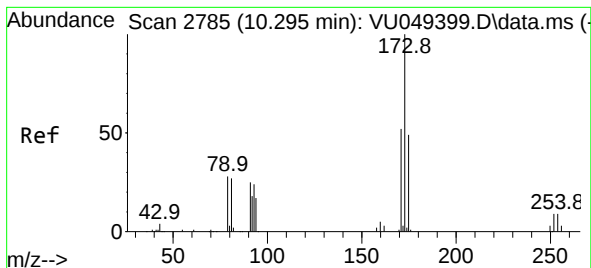
Tgt Ion:106 Resp: 243262
Ion Ratio Lower Upper
106 100
91 223.9 103.5 310.5



#70
Styrene
Concen: 51.660 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:104 Resp: 402217
Ion Ratio Lower Upper
104 100
78 53.1 38.0 57.0
103 55.4 43.9 65.9





#71

Bromoform

Concen: 53.471 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

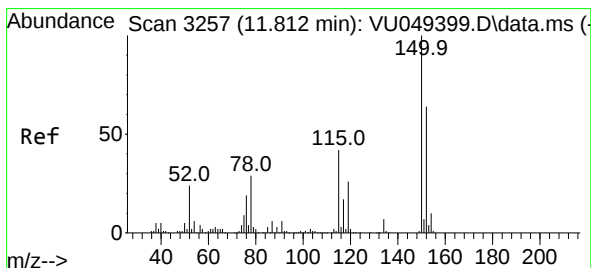
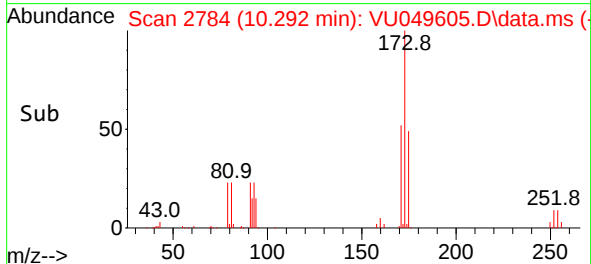
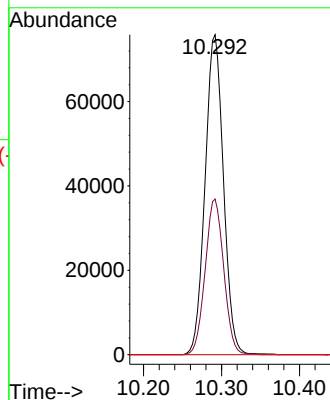
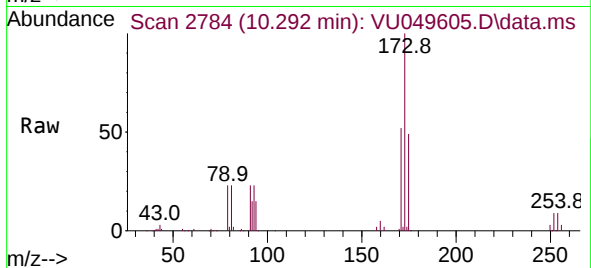
Tgt Ion:173 Resp: 124314

Ion Ratio Lower Upper

173 100

175 49.1 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: VU049605.D

Acq: 02 Jul 2022 00:28

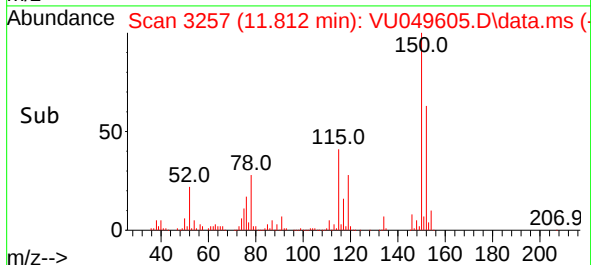
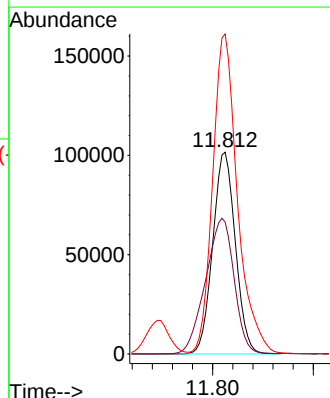
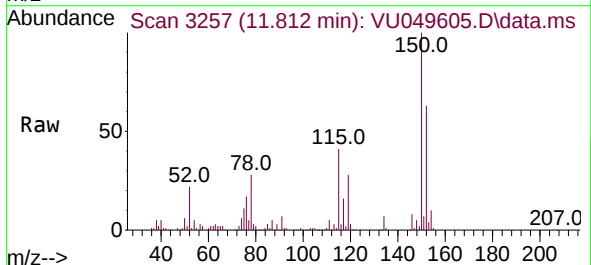
Tgt Ion:152 Resp: 158849

Ion Ratio Lower Upper

152 100

115 84.8 37.0 110.9

150 173.2 0.0 342.2

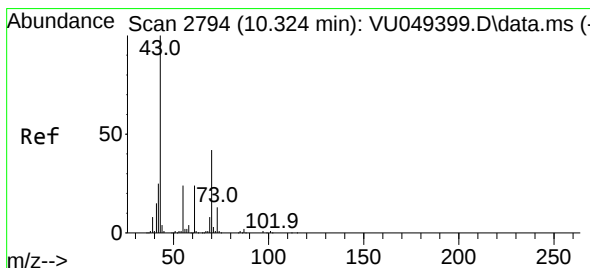
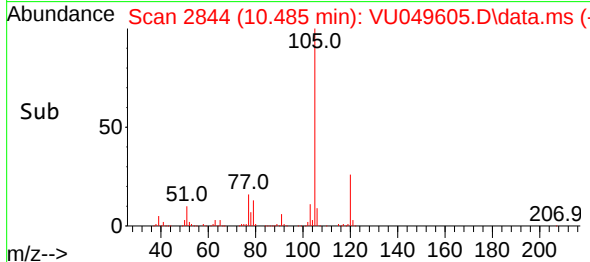
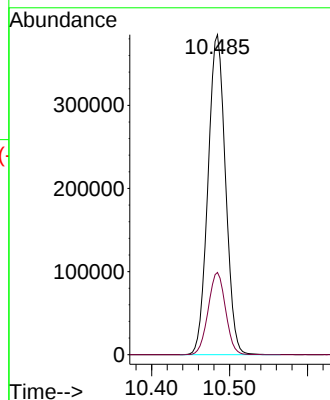
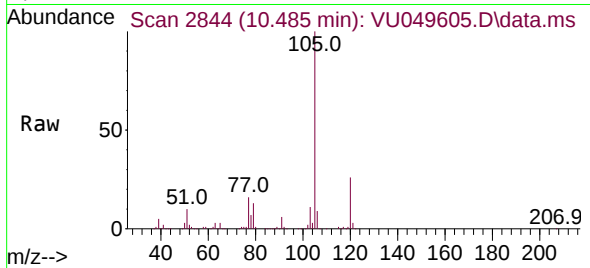




#73
Isopropylbenzene
Concen: 52.958 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

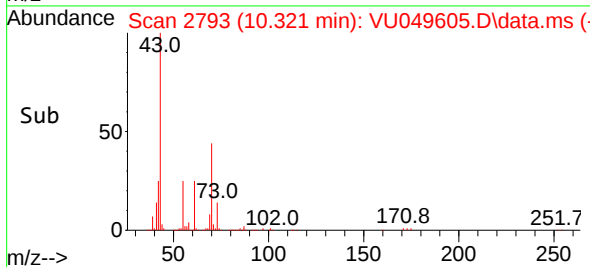
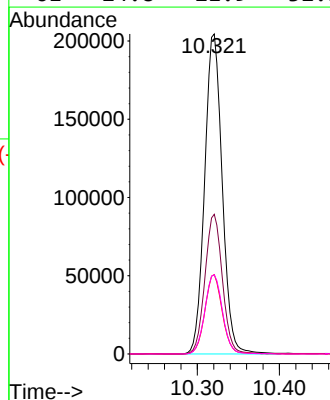
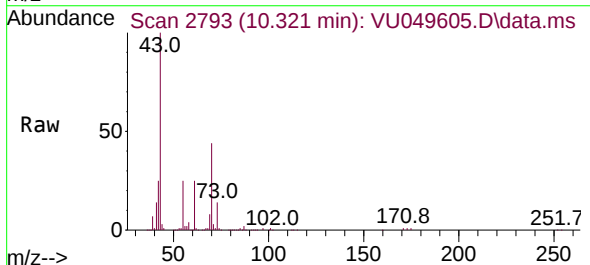
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

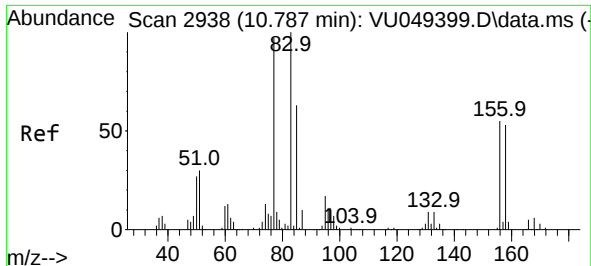
Tgt Ion:105 Resp: 599262
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4



#74
N-ethyl acetate
Concen: 50.972 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 43 Resp: 305270
Ion Ratio Lower Upper
43 100
70 43.4 38.7 58.1
55 24.4 21.8 32.8
61 24.8 21.9 32.9

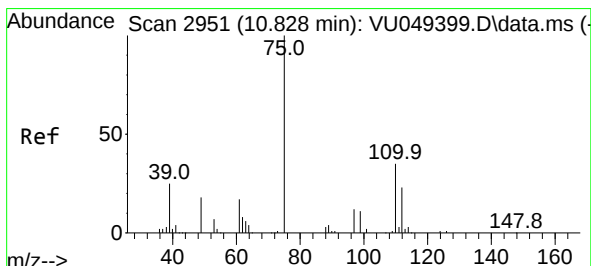
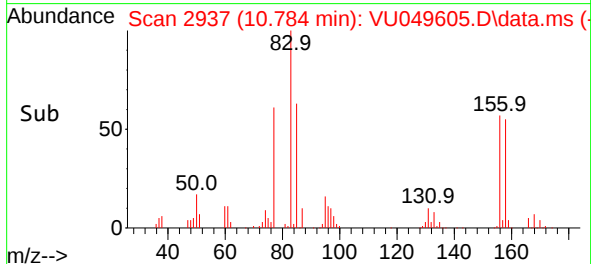
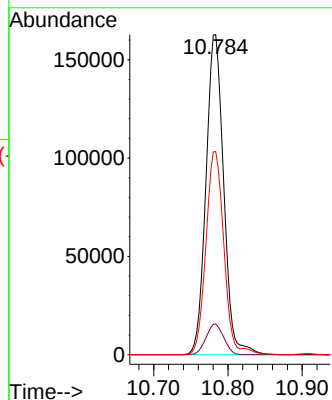
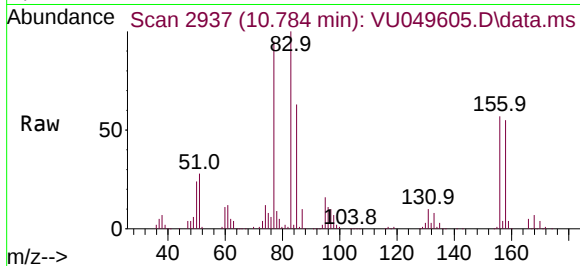




#75
1,1,2,2-Tetrachloroethane
Concen: 56.178 ug/l
RT: 10.784 min Scan# 2940
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

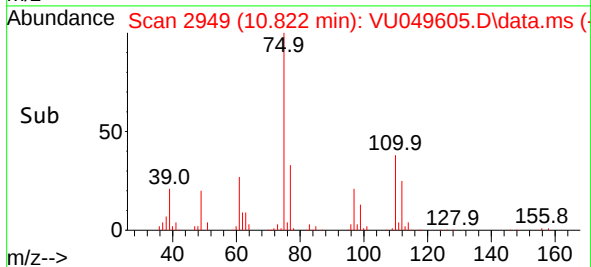
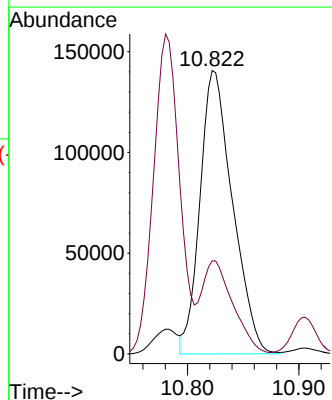
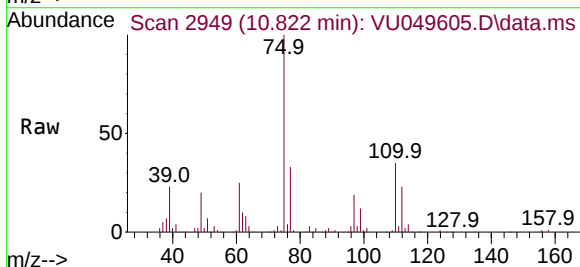
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

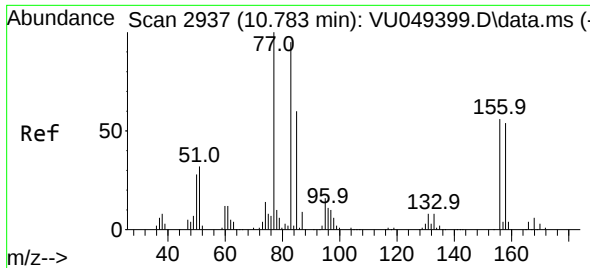
Tgt Ion: 83 Resp: 269280
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 53.126 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 75 Resp: 286077
Ion Ratio Lower Upper
75 100
77 30.0 15.8 47.3

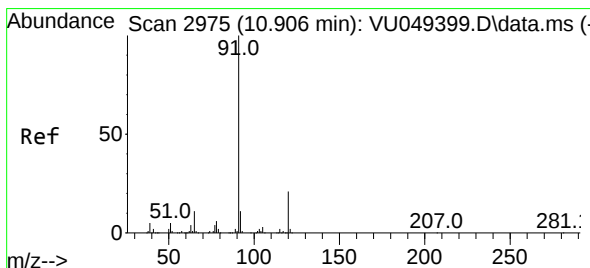
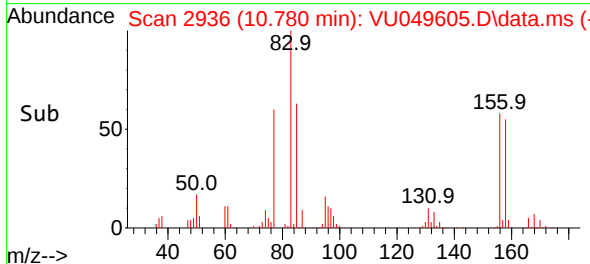
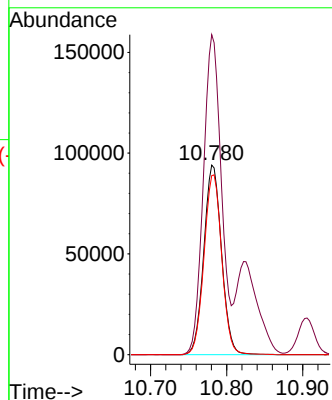
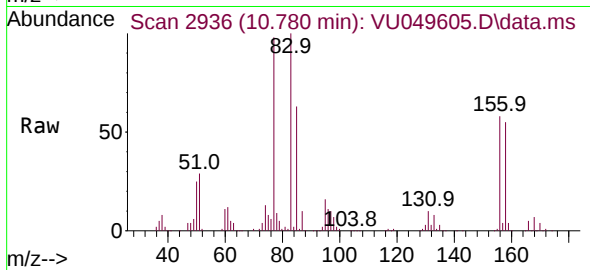




#77
Bromobenzene
Concen: 55.165 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

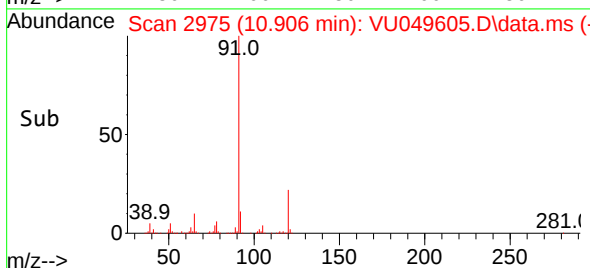
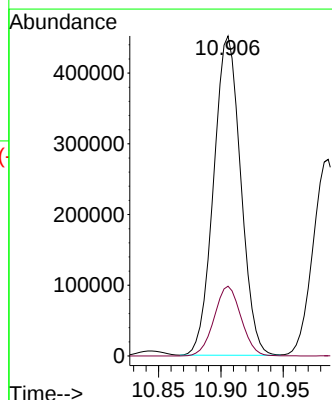
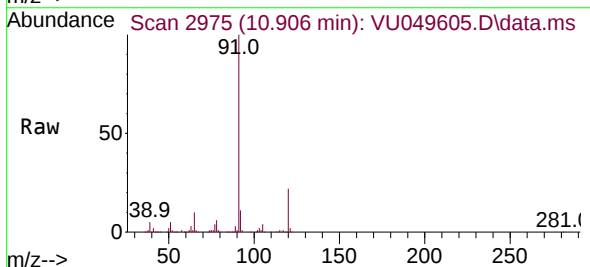
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

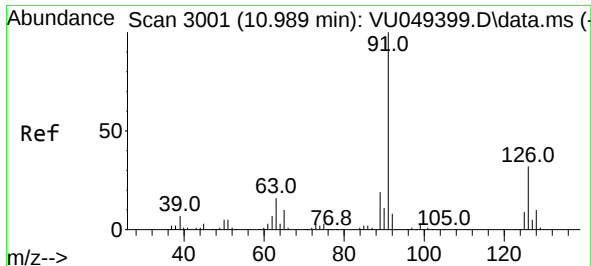
Tgt Ion:156 Resp: 152371
Ion Ratio Lower Upper
156 100
77 170.5 71.9 215.6
158 95.0 48.9 146.8



#78
n-propylbenzene
Concen: 49.703 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 91 Resp: 683422
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

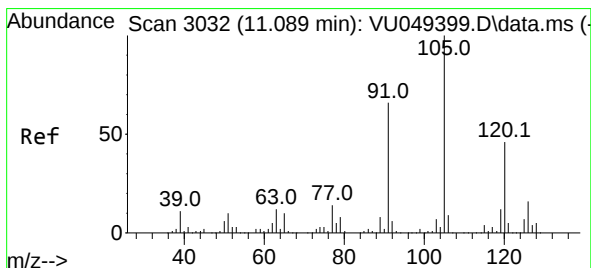
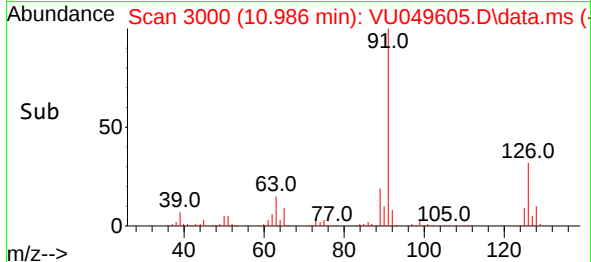
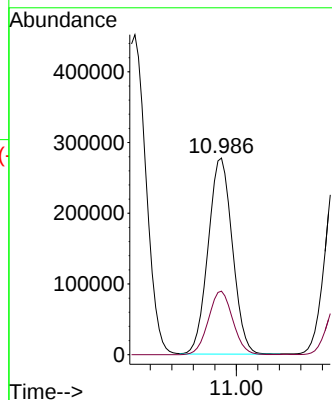
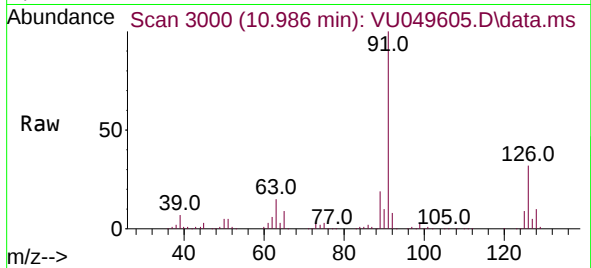




#79
2-Chlorotoluene
Concen: 51.262 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

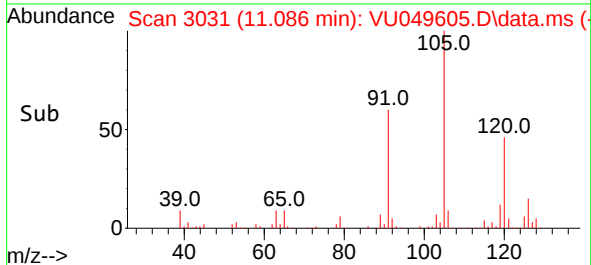
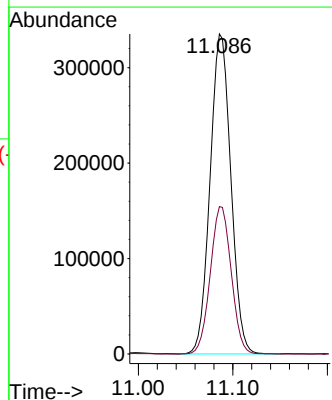
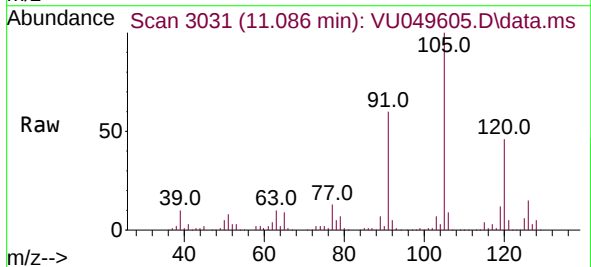
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

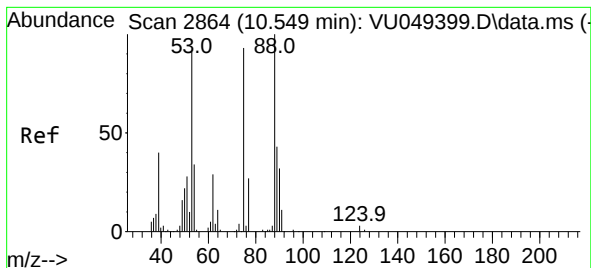
Tgt Ion: 91 Resp: 434259
Ion Ratio Lower Upper
91 100
126 32.5 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.841 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 105 Resp: 512125
Ion Ratio Lower Upper
105 100
120 46.3 25.3 75.9

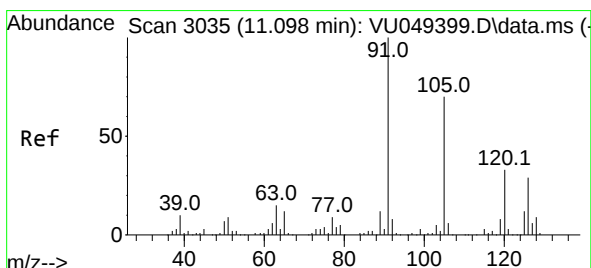
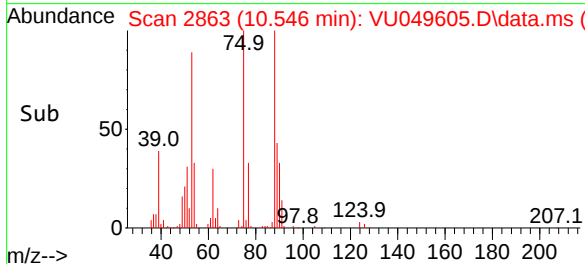
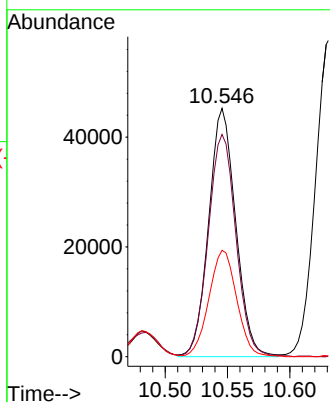
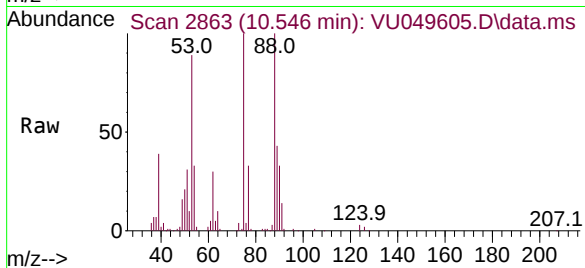




#81
trans-1,4-Dichloro-2-butene
Concen: 46.827 ug/l
RT: 10.546 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

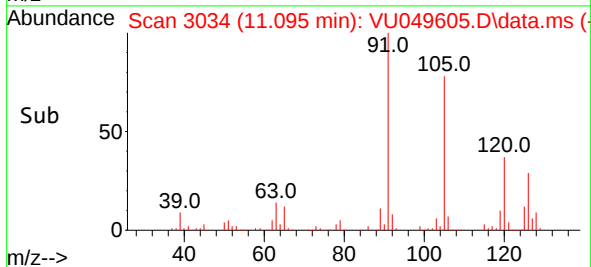
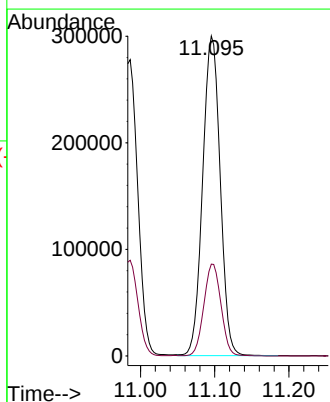
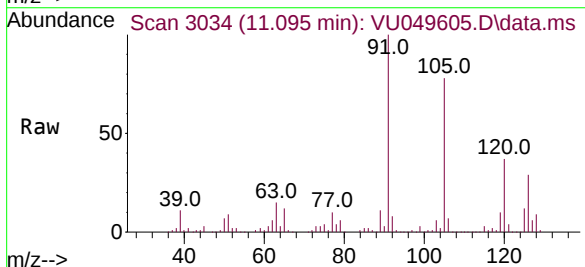
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

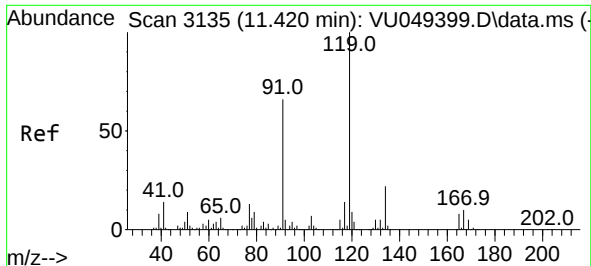
Tgt Ion: 75 Resp: 68282
Ion Ratio Lower Upper
75 100
53 92.0 69.2 103.8
89 44.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 51.578 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion: 91 Resp: 491420
Ion Ratio Lower Upper
91 100
126 28.1 16.1 48.2

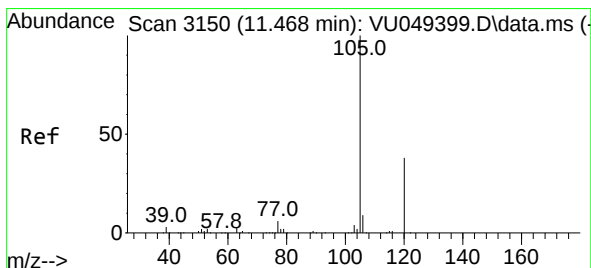
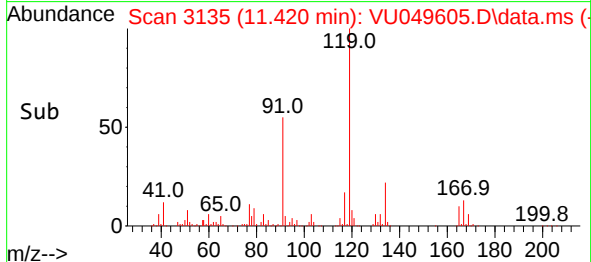
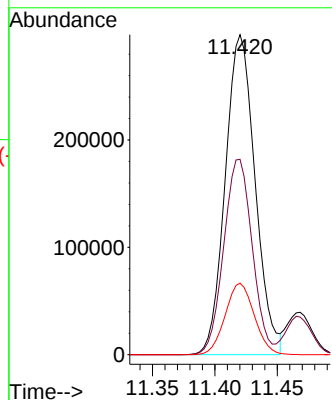
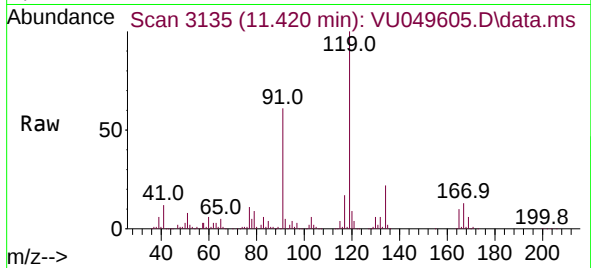




#83
tert-Butylbenzene
Concen: 51.198 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

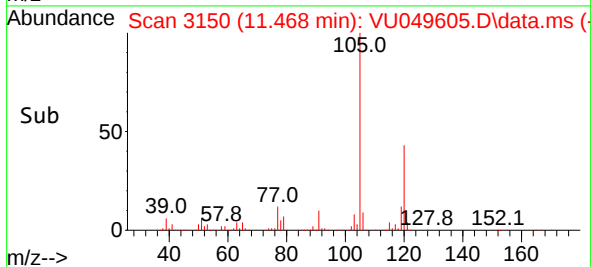
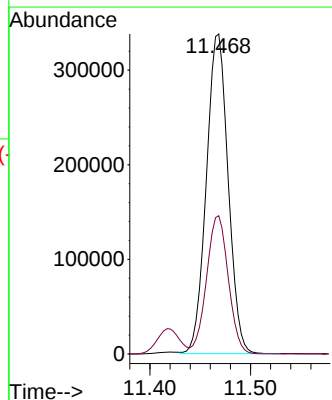
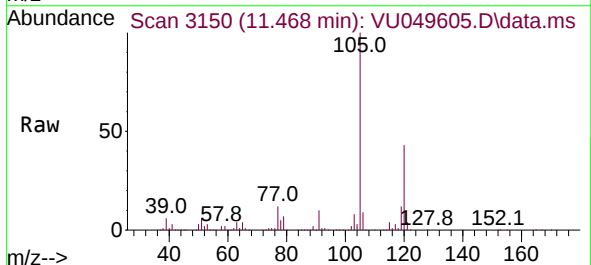
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

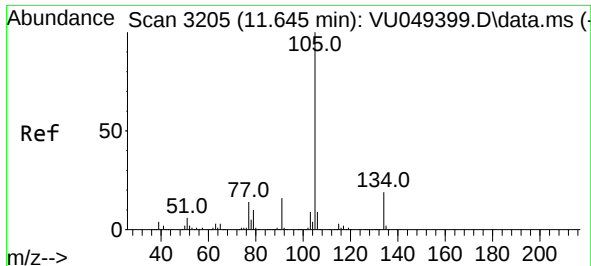
Tgt Ion:119 Resp: 497471
Ion Ratio Lower Upper
119 100
91 58.2 26.8 80.3
134 21.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 52.478 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:105 Resp: 509302
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3

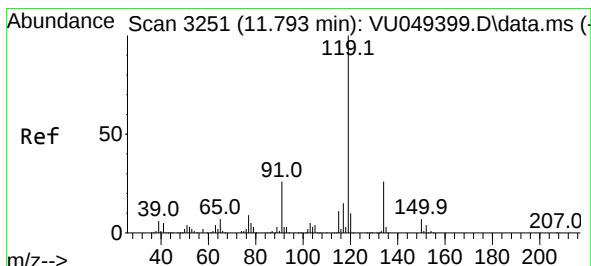
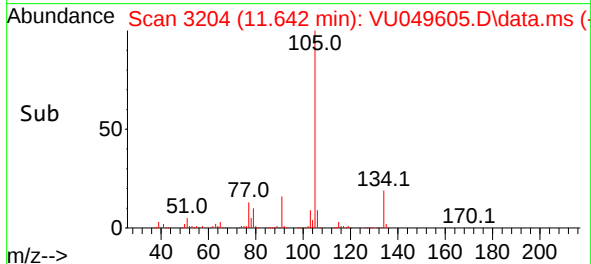
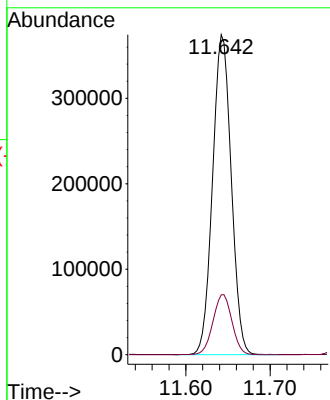
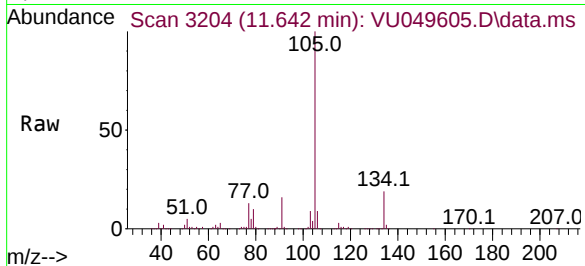




#85
 sec-Butylbenzene
 Concen: 47.055 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

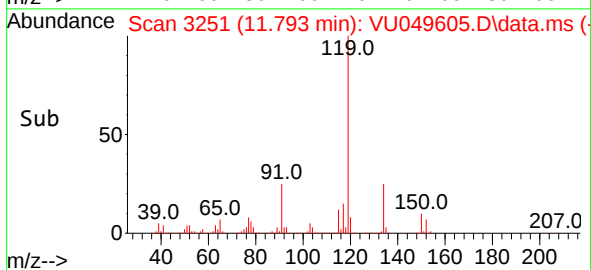
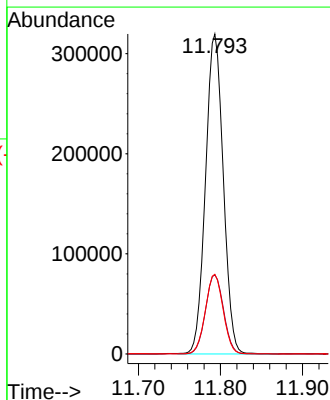
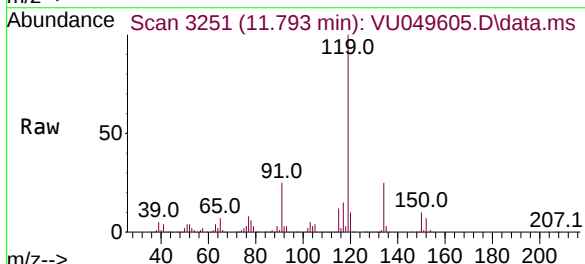
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

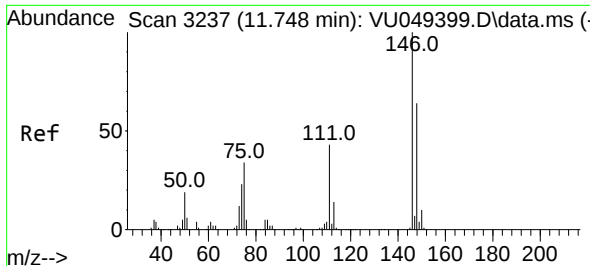
Tgt Ion:105 Resp: 574841
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.507 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

Tgt Ion:119 Resp: 479221
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.5 40.4
 91 24.8 11.2 33.5

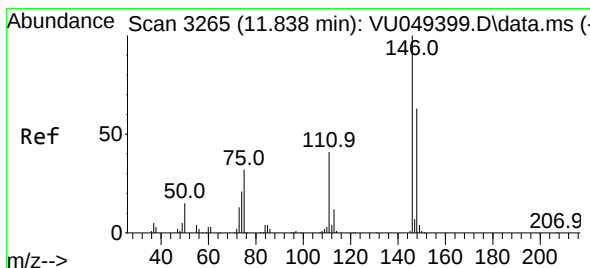
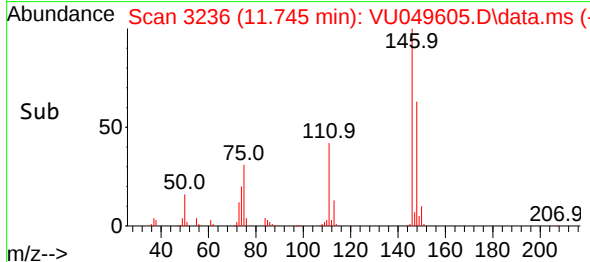
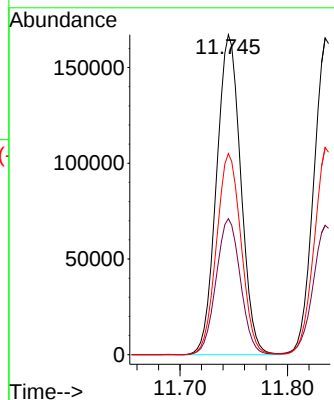
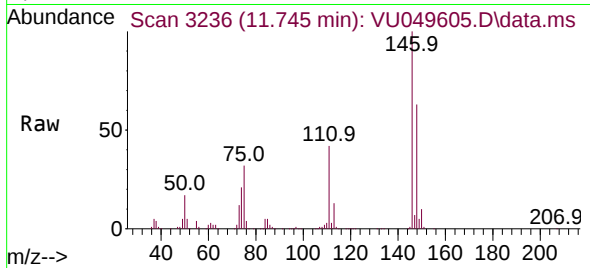




#87
1,3-Dichlorobenzene
Concen: 49.636 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

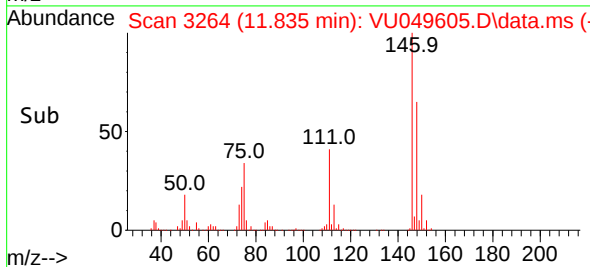
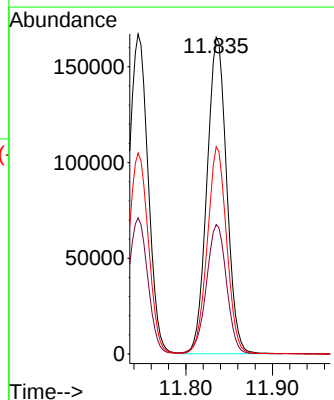
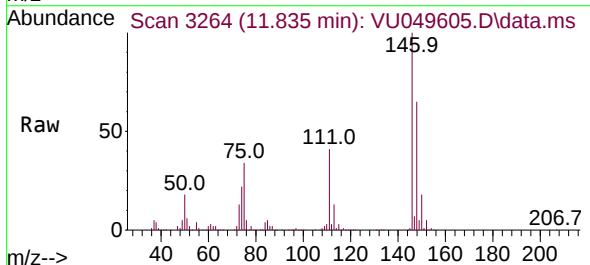
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

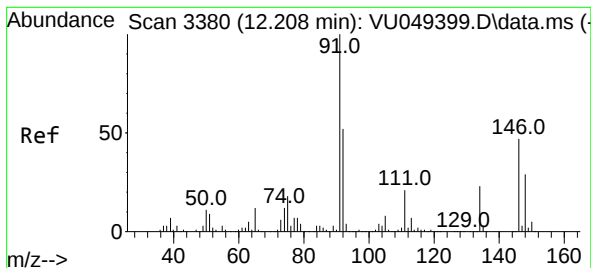
Tgt Ion:146 Resp: 262106
Ion Ratio Lower Upper
146 100
111 42.6 18.9 56.5
148 63.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 49.168 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:146 Resp: 260965
Ion Ratio Lower Upper
146 100
111 41.7 18.5 55.5
148 64.4 31.9 95.7





#89

n-Butylbenzene

Concen: 43.023 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

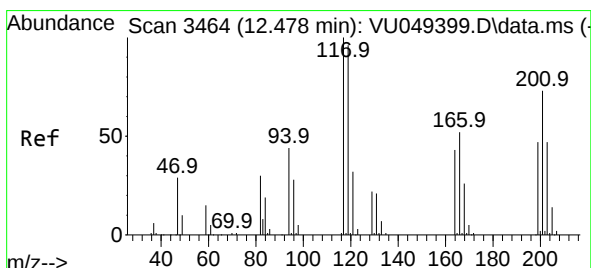
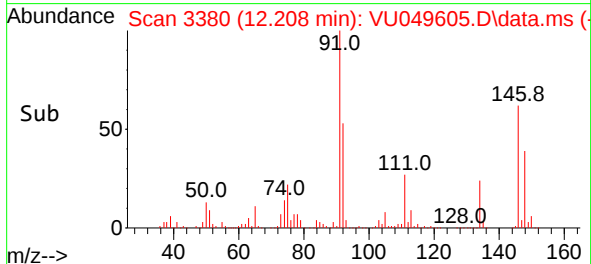
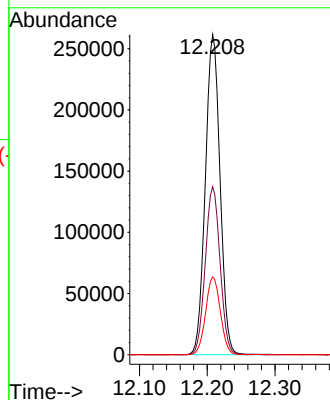
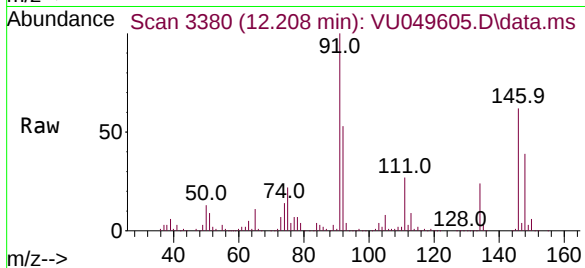
Tgt Ion: 91 Resp: 393458

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

134 24.3 13.5 40.4



#90

Hexachloroethane

Concen: 46.443 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU049605.D

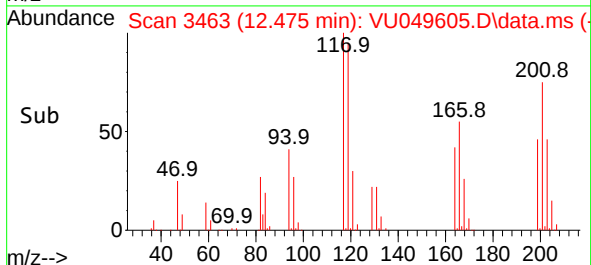
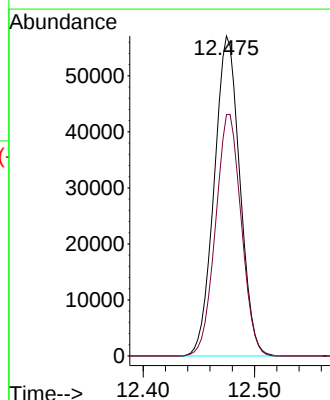
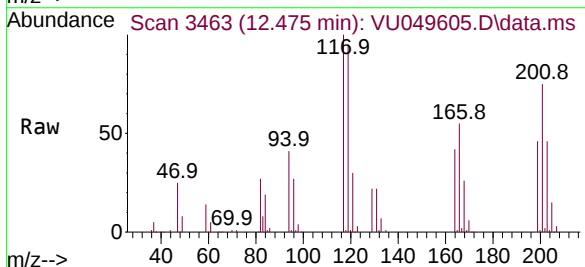
Acq: 02 Jul 2022 00:28

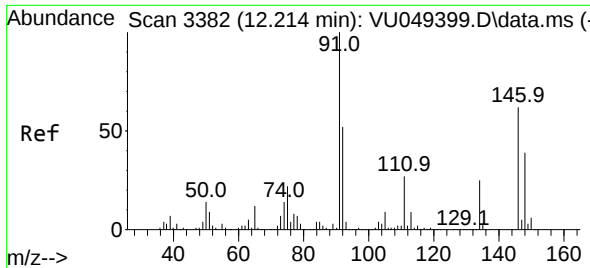
Tgt Ion: 117 Resp: 91390

Ion Ratio Lower Upper

117 100

201 75.7 44.6 134.0

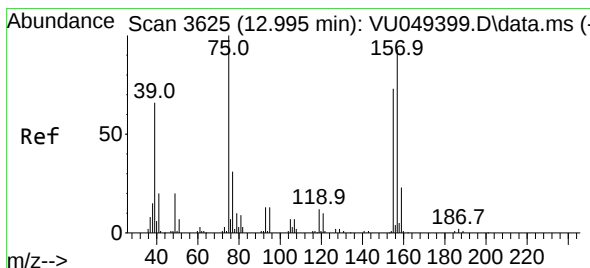
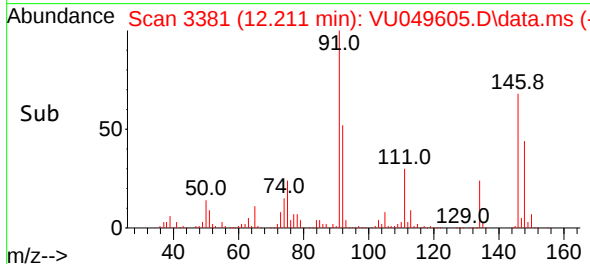
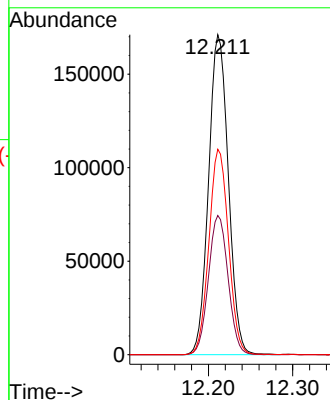
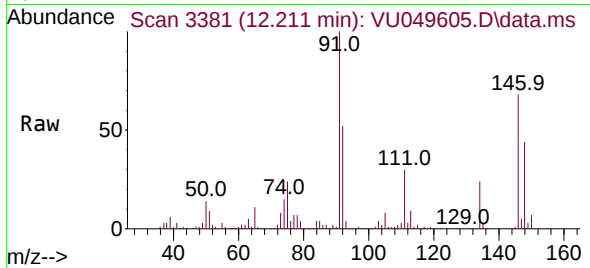




#91
 1,2-Dichlorobenzene
 Concen: 52.574 ug/l
 RT: 12.211 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

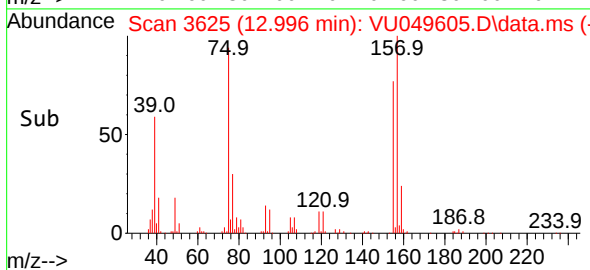
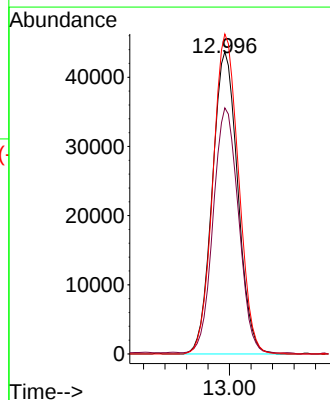
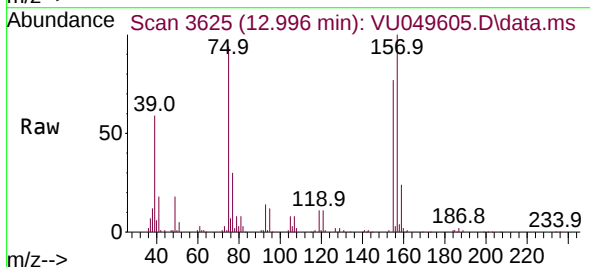
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

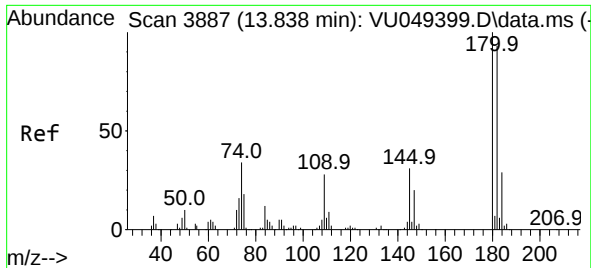
Tgt Ion:146 Resp: 278952
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.9 59.6
 148 63.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.406 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049605.D
 Acq: 02 Jul 2022 00:28

Tgt Ion: 75 Resp: 71787
 Ion Ratio Lower Upper
 75 100
 155 80.3 47.8 143.4
 157 106.4 62.2 186.5

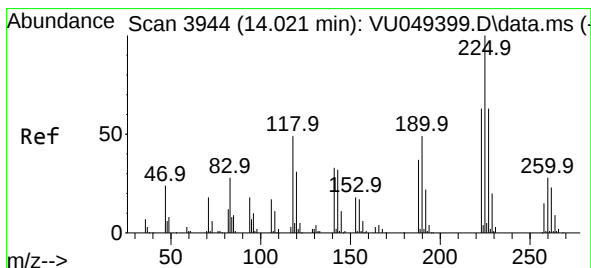
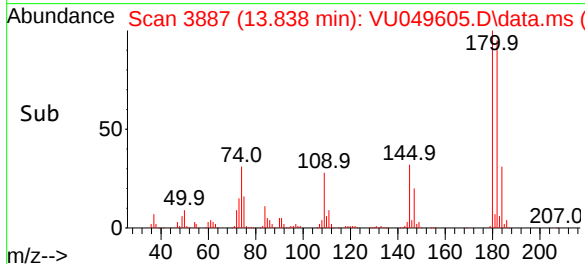
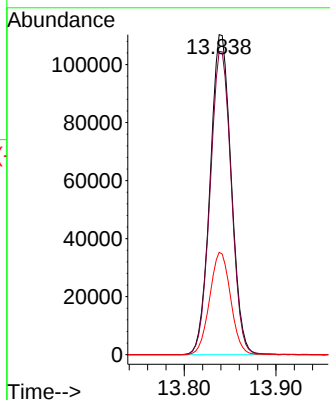
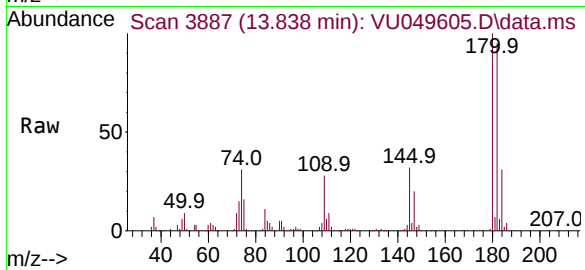




#93
1,2,4-Trichlorobenzene
Concen: 49.460 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

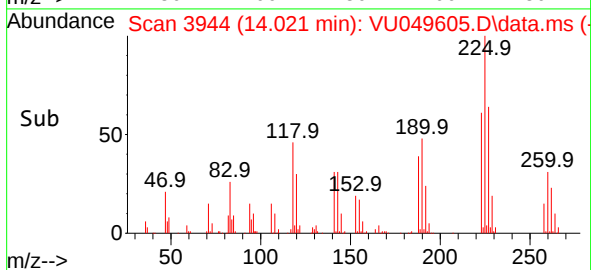
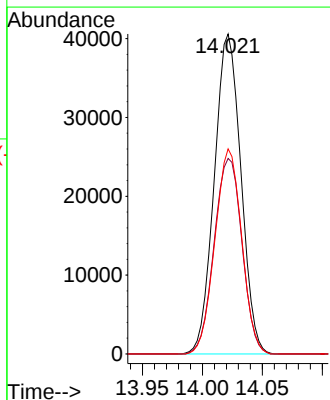
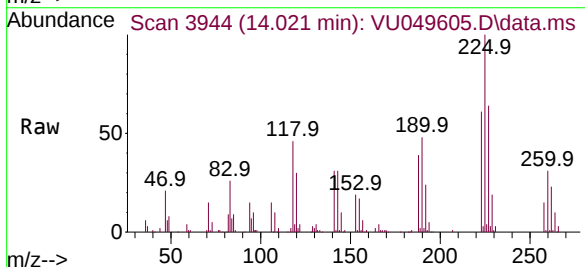
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

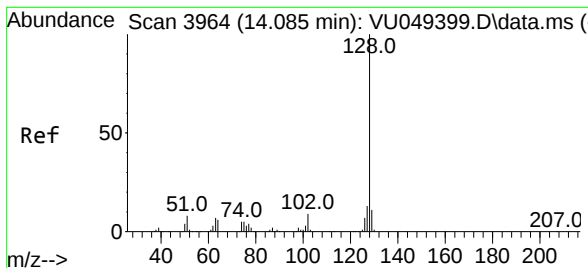
Tgt Ion:180 Resp: 176046
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 31.8 14.0 41.9



#94
Hexachlorobutadiene
Concen: 38.050 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049605.D
Acq: 02 Jul 2022 00:28

Tgt Ion:225 Resp: 62626
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.9
227 64.3 32.0 96.2





#95

Naphthalene

Concen: 58.781 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

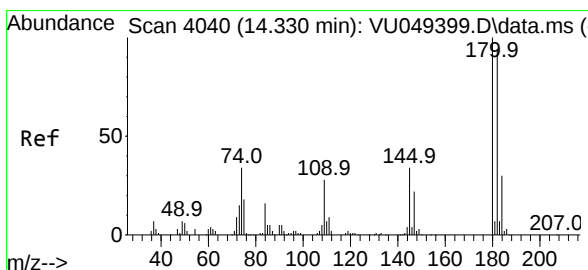
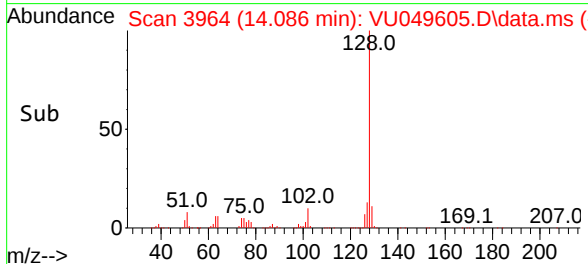
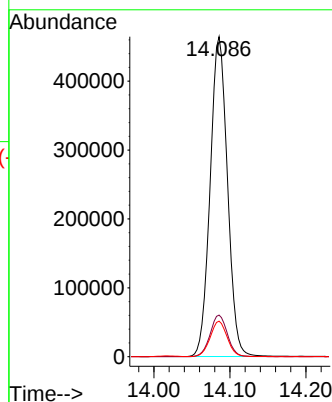
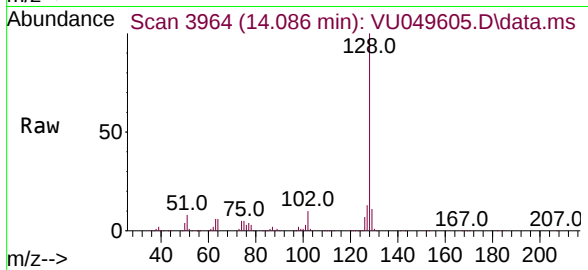
Tgt Ion:128 Resp: 734949

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.471 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049605.D

Acq: 02 Jul 2022 00:28

Tgt Ion:180 Resp: 188549

Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.0

145 33.2 14.8 44.4

