

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049417.D
 Acq On : 27 Jun 2022 20:39
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 28 05:28:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	219145	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	416722	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	393214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	184070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183396	54.340	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.680%			
35) Dibromofluoromethane	5.289	113	144190	49.457	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.920%			
50) Toluene-d8	7.896	98	506720	48.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.460%			
62) 4-Bromofluorobenzene	10.633	95	198198	49.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	135272	38.413	ug/l	99
3) Chloromethane	1.520	50	188324	43.632	ug/l	98
4) Vinyl Chloride	1.601	62	157766	44.499	ug/l	98
5) Bromomethane	1.842	94	63138	57.272	ug/l	100
6) Chloroethane	1.919	64	96581	58.705	ug/l	99
7) Trichlorofluoromethane	2.128	101	186088	41.184	ug/l	99
8) Diethyl Ether	2.372	74	94876	58.129	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.575	101	103540	42.590	ug/l	95
10) Methyl Iodide	2.716	142	174547	69.595	ug/l	93
11) Tert butyl alcohol	3.186	59	276891	350.519	ug/l	# 45
12) 1,1-Dichloroethene	2.575	96	116221	48.828	ug/l	92
13) Acrolein	2.485	56	122685	229.335	ug/l	100
14) Allyl chloride	2.919	41	254530	52.912	ug/l	# 87
15) Acrylonitrile	3.311	53	557645	293.518	ug/l	100
16) Acetone	2.626	43	448952	263.782	ug/l	99
17) Carbon Disulfide	2.787	76	334189	45.021	ug/l	99
18) Methyl Acetate	2.948	43	270601	58.733	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	526730	59.500	ug/l	99
20) Methylene Chloride	3.041	84	168934	59.772	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	134976	52.605	ug/l	94
22) Diisopropyl ether	3.990	45	519613	56.576	ug/l	# 75
23) Vinyl Acetate	3.951	43	2337022	290.311	ug/l	95
24) 1,1-Dichloroethane	3.868	63	284342	53.897	ug/l	99
25) 2-Butanone	4.700	43	763684	299.407	ug/l	93
26) 2,2-Dichloropropane	4.662	77	192886	43.929	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	171090	57.712	ug/l	93
28) Bromochloromethane	4.970	49	128334	55.652	ug/l	# 79
29) Tetrahydrofuran	5.051	42	504496	288.320	ug/l	89
30) Chloroform	5.086	83	282802	54.191	ug/l	99
31) Cyclohexane	5.388	56	208385	41.121	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	227666	50.280	ug/l	99
36) 1,1-Dichloropropene	5.527	75	180333	42.658	ug/l	97
37) Ethyl Acetate	4.800	43	287145	49.708	ug/l	# 93
38) Carbon Tetrachloride	5.523	117	185519	41.845	ug/l	100
39) Methylcyclohexane	6.761	83	188621	37.224	ug/l	91
40) Benzene	5.774	78	626608	49.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	153274	52.953	ug/l	89
42) 1,2-Dichloroethane	5.793	62	231389	48.711	ug/l	100
43) Isopropyl Acetate	5.909	43	439114	51.878	ug/l	97
44) Trichloroethene	6.543	130	141474	46.628	ug/l	86
45) 1,2-Dichloropropane	6.790	63	175217	49.545	ug/l	99
46) Dibromomethane	6.916	93	120954	51.298	ug/l	89
47) Bromodichloromethane	7.105	83	226056	49.811	ug/l	100
48) Methyl methacrylate	6.957	41	210457	53.055	ug/l	89
49) 1,4-Dioxane	6.974	88	110100	1083.381	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1466340	258.850	ug/l	96
52) Toluene	7.967	92	375755	49.533	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	252768	51.924	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	270382	52.019	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	164325	52.392	ug/l	98
56) Ethyl methacrylate	8.334	69	293022	55.858	ug/l	94
57) 1,3-Dichloropropane	8.575	76	286007	51.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	185927	443.872	ug/l	94
59) 2-Hexanone	8.684	43	1146789	257.431	ug/l	96
60) Dibromochloromethane	8.809	129	170530	52.284	ug/l	99
61) 1,2-Dibromoethane	8.922	107	178591	52.250	ug/l	100
64) Tetrachloroethene	8.552	164	105984	42.023	ug/l	92
65) Chlorobenzene	9.446	112	390229	48.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	153006	50.455	ug/l	99
67) Ethyl Benzene	9.568	91	709146	48.052	ug/l	96
68) m/p-Xylenes	9.694	106	521097	95.430	ug/l	89
69) o-Xylene	10.099	106	269470	49.709	ug/l	89
70) Styrene	10.115	104	450054	51.670	ug/l	96
71) Bromoform	10.292	173	132999	51.136	ug/l	99
73) Isopropylbenzene	10.485	105	658454	50.216	ug/l	95
74) N-amyl acetate	10.321	43	377643	54.416	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	294639	53.046	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	332161	53.233	ug/l	100
77) Bromobenzene	10.784	156	164475	51.388	ug/l	84
78) n-propylbenzene	10.906	91	770905	48.384	ug/l	95
79) 2-Chlorotoluene	10.986	91	494063	50.330	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	568884	49.696	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	90255	53.415	ug/l	95
82) 4-Chlorotoluene	11.096	91	552228	50.019	ug/l	93
83) tert-Butylbenzene	11.420	119	552721	49.090	ug/l	95
84) 1,2,4-Trimethylbenzene	11.469	105	581606	51.717	ug/l	94
85) sec-Butylbenzene	11.642	105	638521	45.106	ug/l	96
86) p-Isopropyltoluene	11.793	119	536703	46.882	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	296525	48.459	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	296533	48.215	ug/l	97
89) n-Butylbenzene	12.208	91	470495	44.397	ug/l	98
90) Hexachloroethane	12.475	117	99993	43.853	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	309307	50.308	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	78772	55.308	ug/l	83
93) 1,2,4-Trichlorobenzene	13.838	180	200982	48.755	ug/l	97
94) Hexachlorobutadiene	14.021	225	70331	36.876	ug/l	99
95) Naphthalene	14.086	128	857817	59.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	213155	50.244	ug/l	98

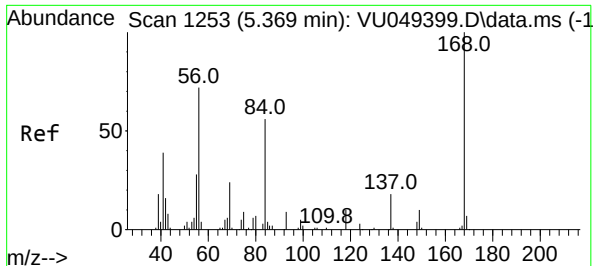
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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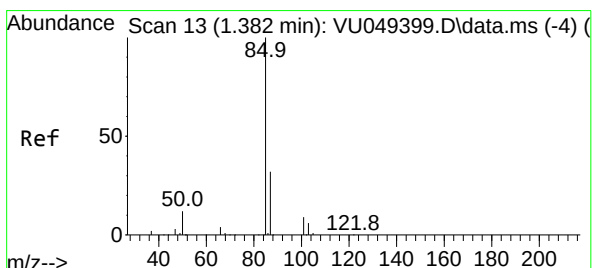
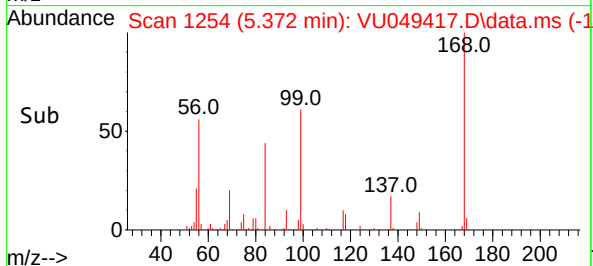
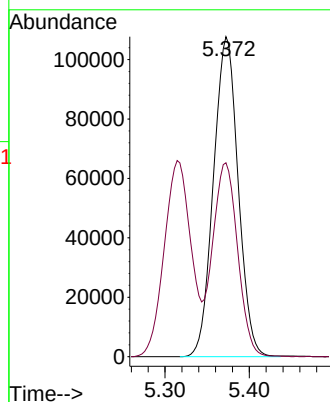
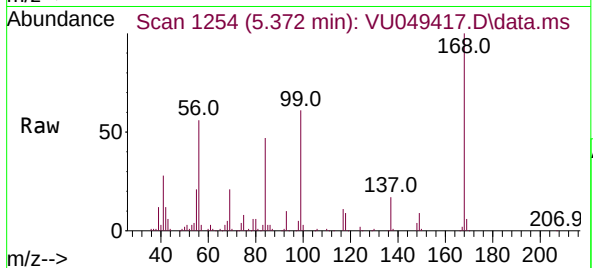
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

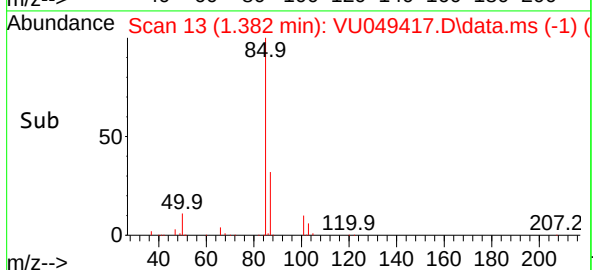
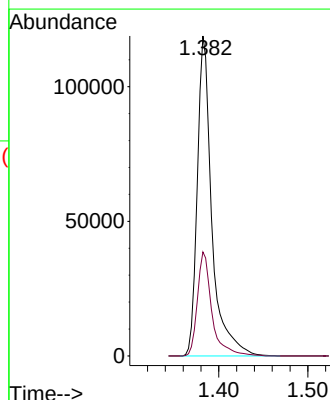
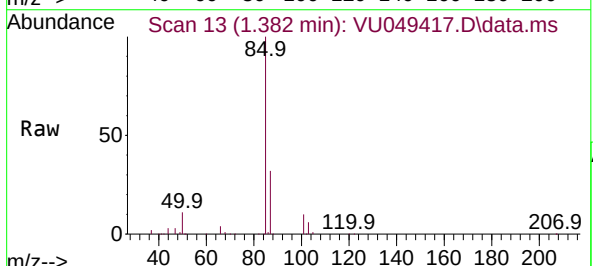
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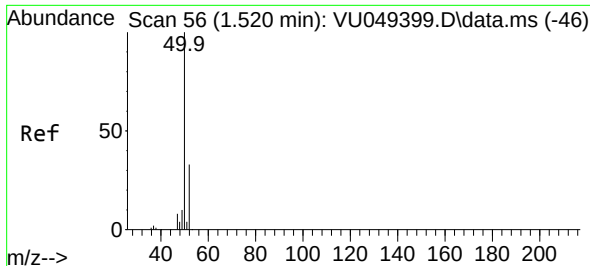
Tgt Ion:168 Resp: 219145
Ion Ratio Lower Upper
168 100
99 60.5 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 38.413 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 85 Resp: 135272
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

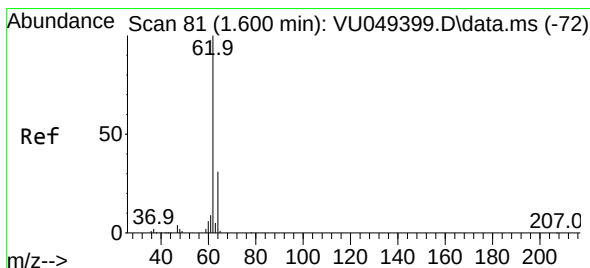
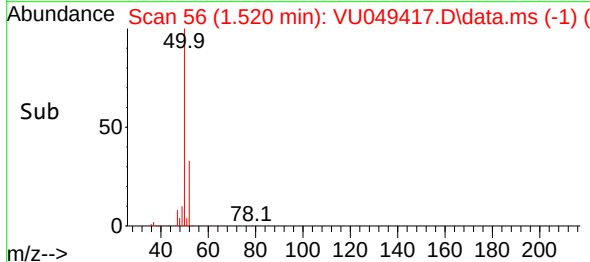
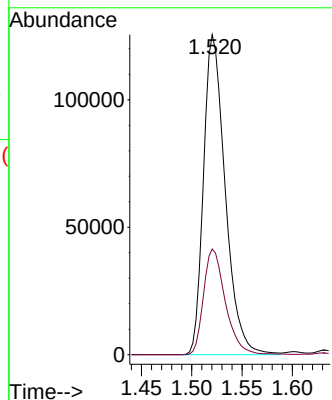
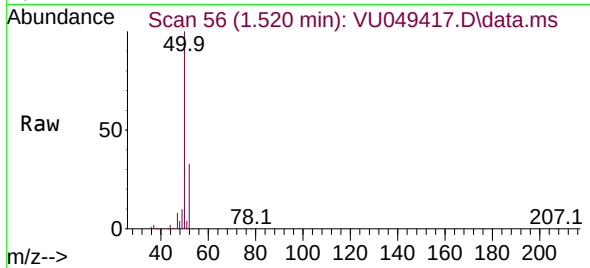




#3
Chloromethane
Concen: 43.632 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

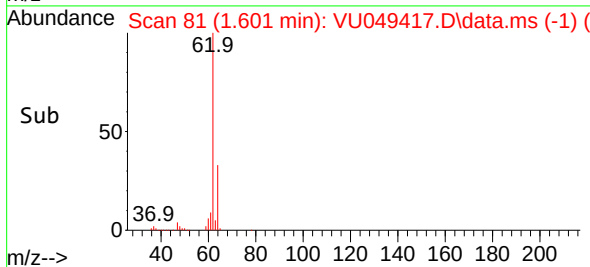
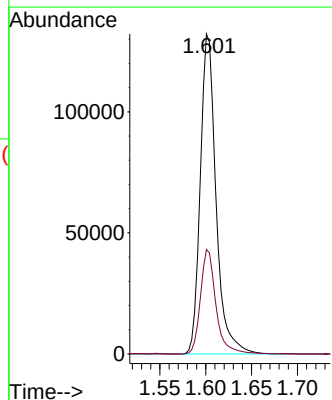
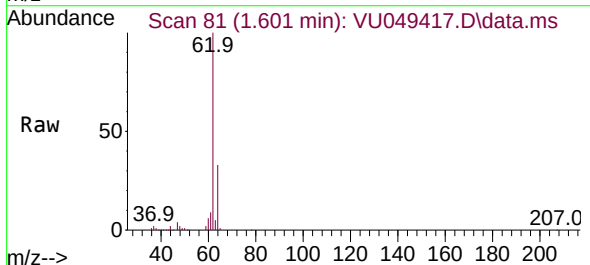
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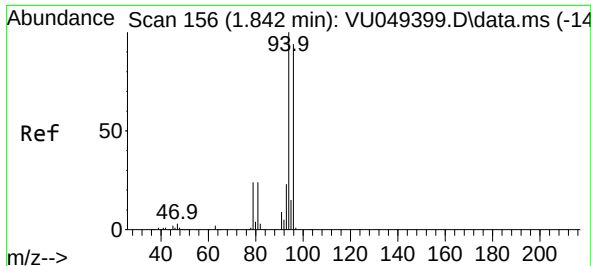
Tgt Ion: 50 Resp: 188324
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.2



#4
Vinyl Chloride
Concen: 44.499 ug/l
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 62 Resp: 157766
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

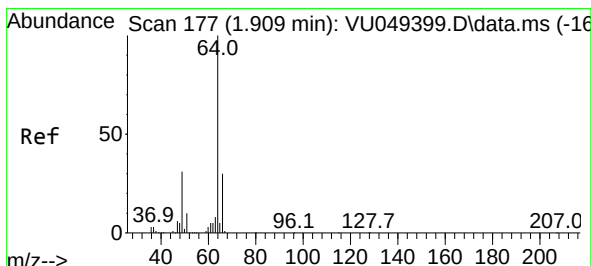
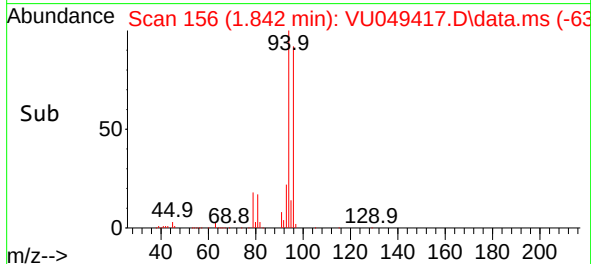
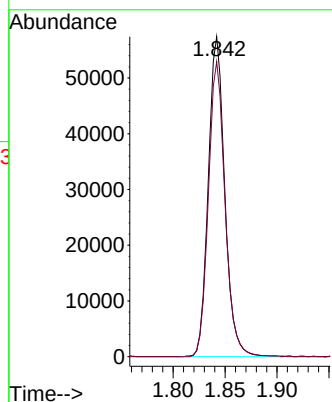
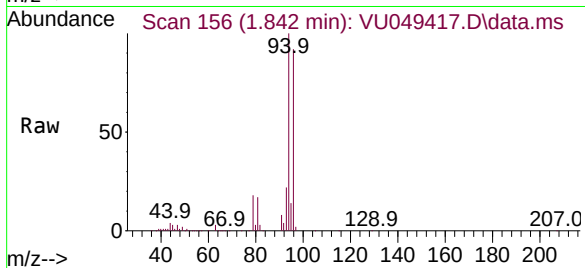




#5
Bromomethane
Concen: 57.272 ug/l
RT: 1.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

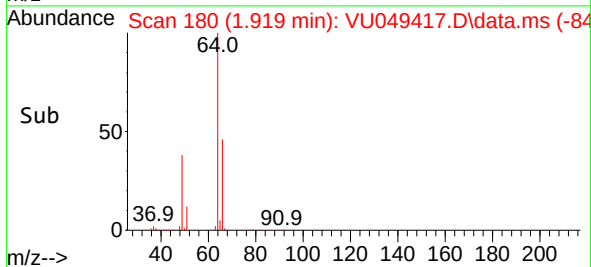
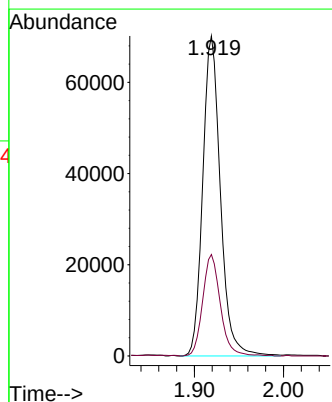
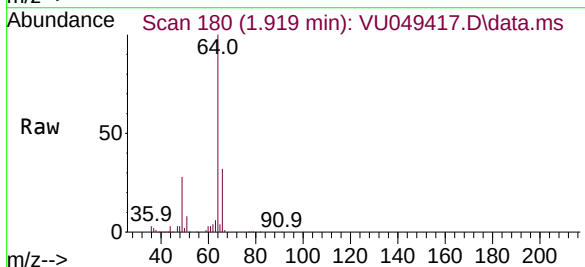
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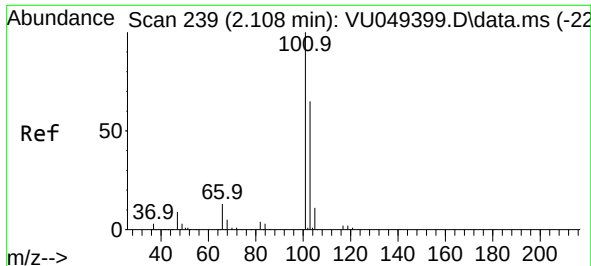
Tgt Ion: 94 Resp: 63138
Ion Ratio Lower Upper
94 100
96 92.2 73.7 110.5



#6
Chloroethane
Concen: 58.705 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 64 Resp: 96581
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

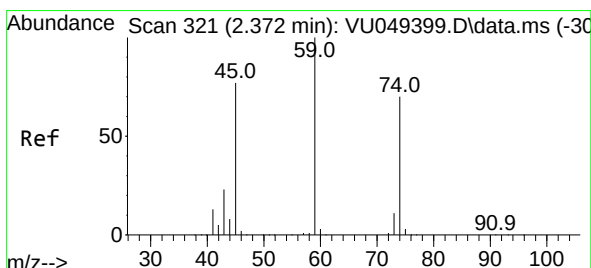
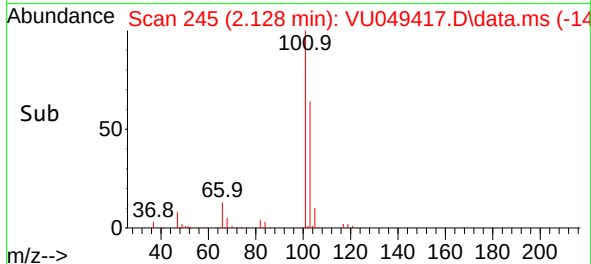
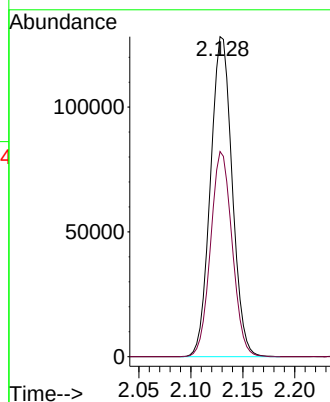
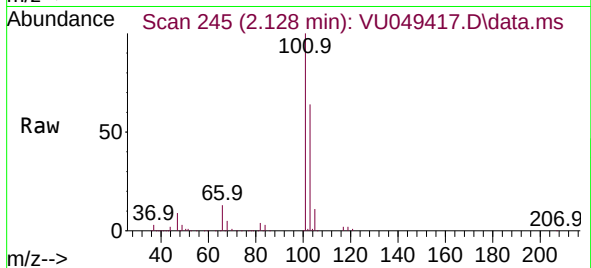




#7
 Trichlorofluoromethane
 Concen: 41.184 ug/l
 RT: 2.128 min Scan# 245
 Delta R.T. 0.020 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

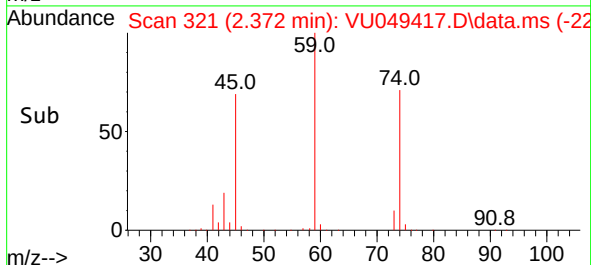
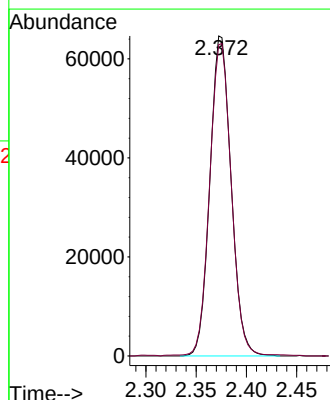
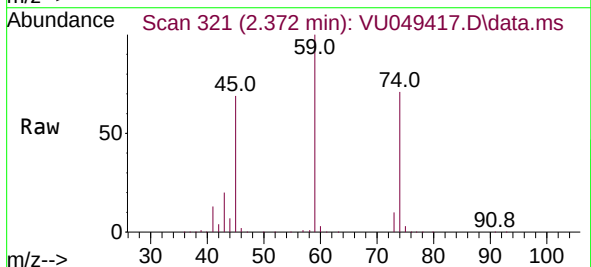
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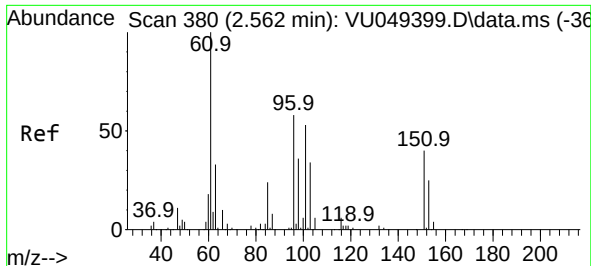
Tgt Ion:101 Resp: 186088
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 75.8



#8
 Diethyl Ether
 Concen: 58.129 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

Tgt Ion: 74 Resp: 94876
 Ion Ratio Lower Upper
 74 100
 45 100.0 44.4 133.2

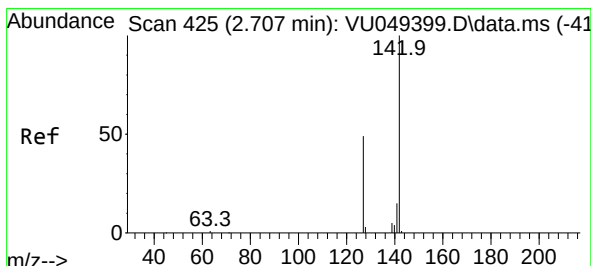
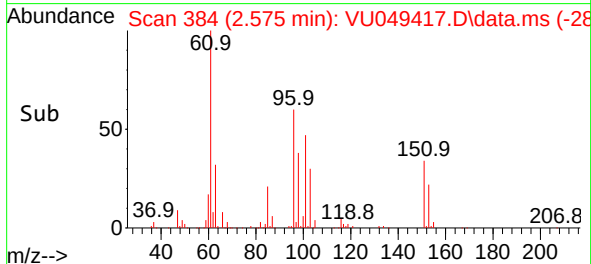
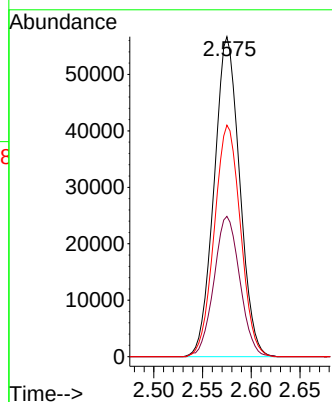
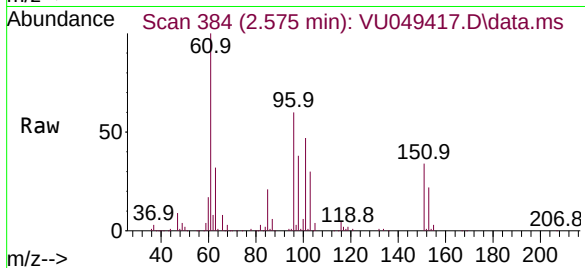




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.590 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

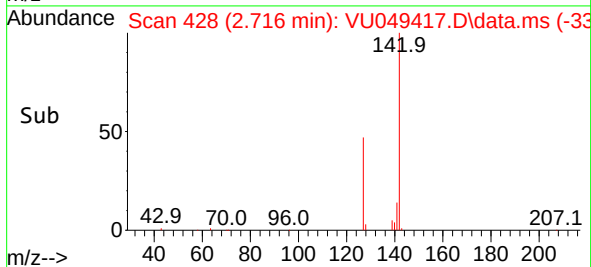
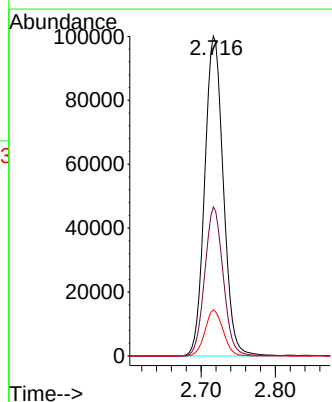
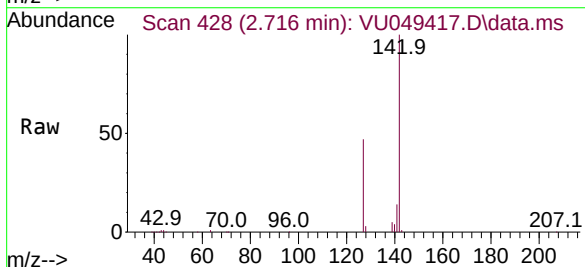
Instrument :
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ClientSampleId :
VSTDCCC050EC

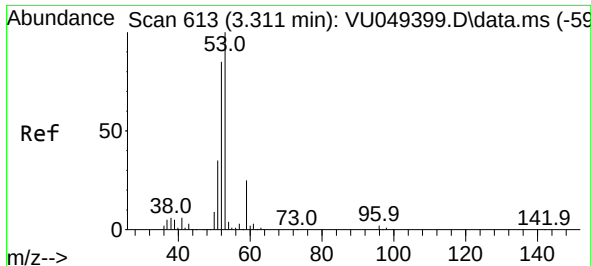
Tgt Ion:101 Resp: 103540
Ion Ratio Lower Upper
101 100
85 44.4 33.9 50.9
151 74.1 64.0 96.0



#10
Methyl Iodide
Concen: 69.595 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:142 Resp: 174547
Ion Ratio Lower Upper
142 100
127 46.2 32.5 48.7
141 14.0 11.4 17.0

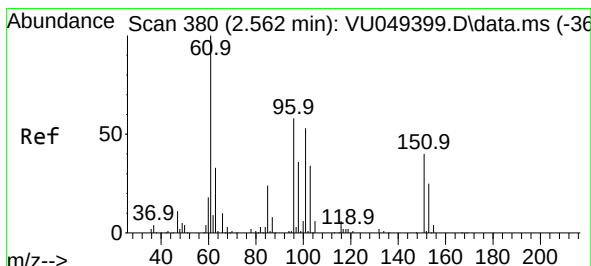
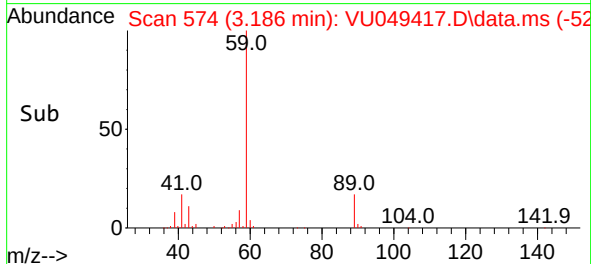
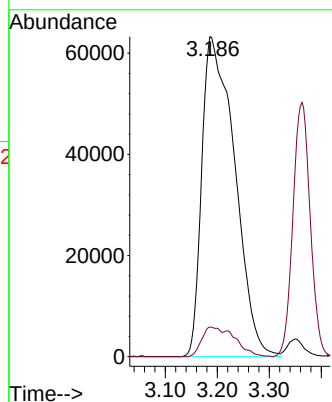
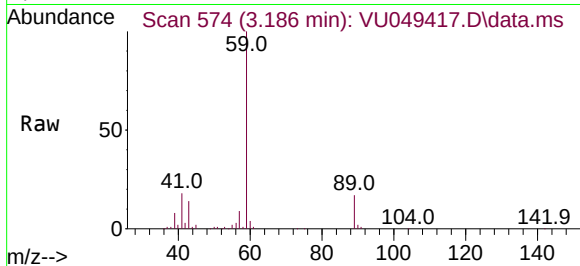




#11
Tert butyl alcohol
Concen: 350.519 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

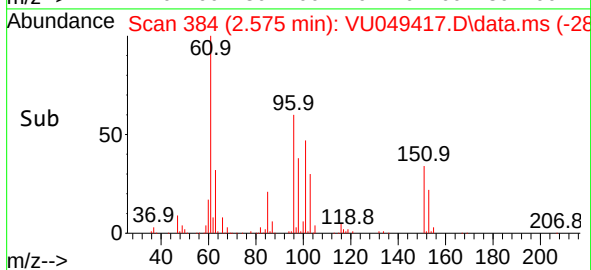
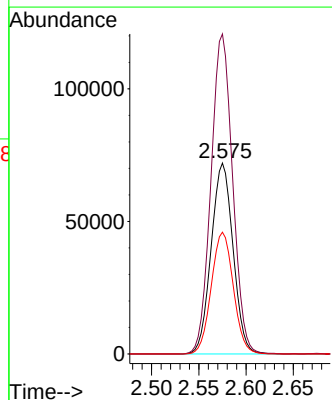
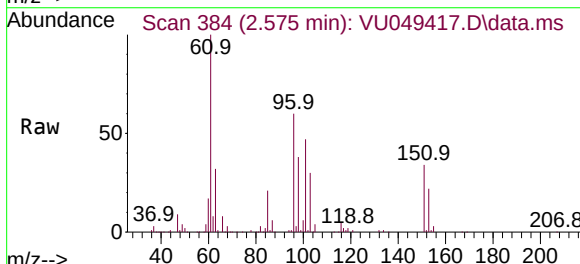
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

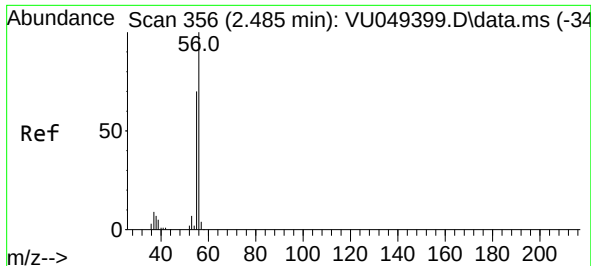
Tgt Ion: 59 Resp: 276891
Ion Ratio Lower Upper
59 100
57 5.2 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 48.828 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 96 Resp: 116221
Ion Ratio Lower Upper
96 100
61 167.7 122.2 183.2
98 63.8 50.7 76.1





#13

Acrolein

Concen: 229.335 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

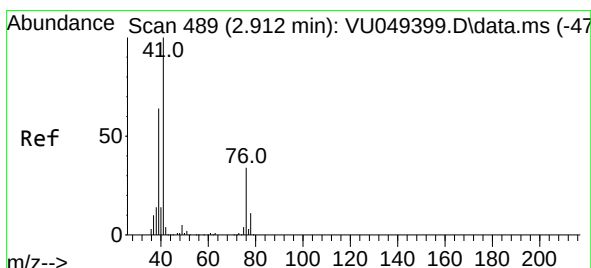
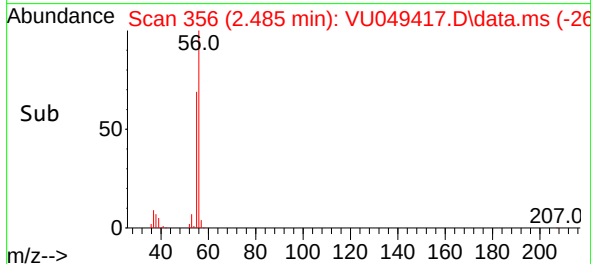
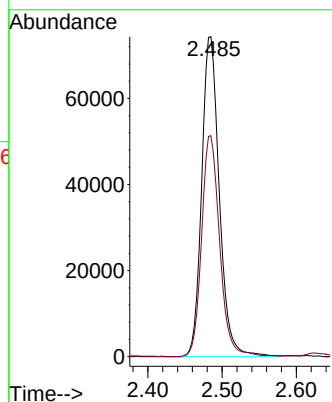
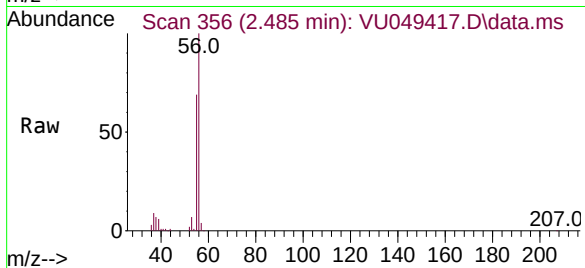
VSTDCCC050EC

Tgt Ion: 56 Resp: 122685

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



#14

Allyl chloride

Concen: 52.912 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.007 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

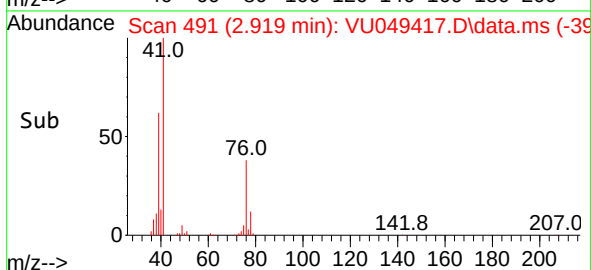
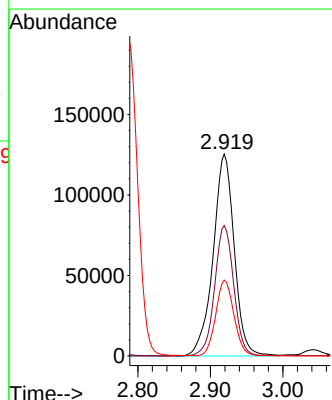
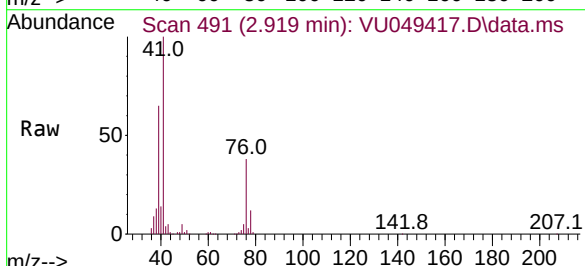
Tgt Ion: 41 Resp: 254530

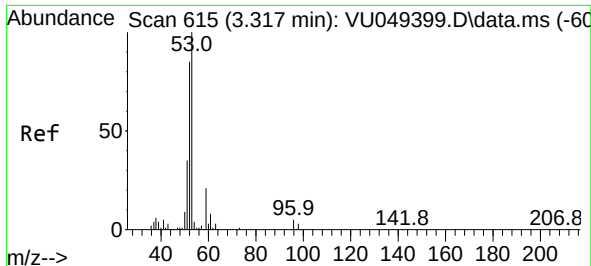
Ion Ratio Lower Upper

41 100

39 58.4 53.4 80.2

76 32.1 33.8 50.6#

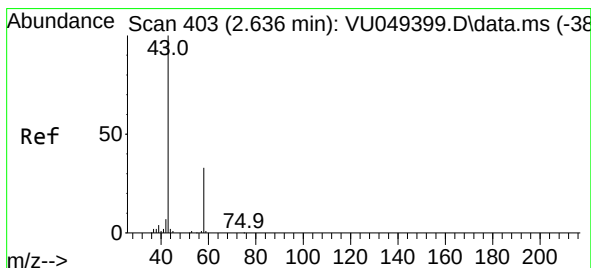
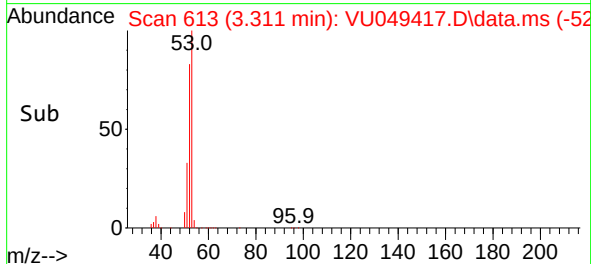
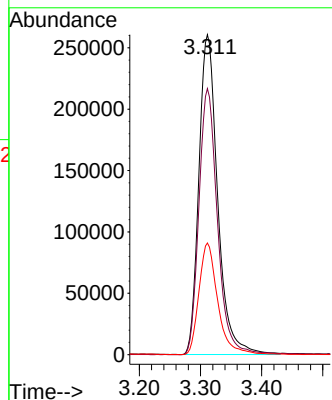
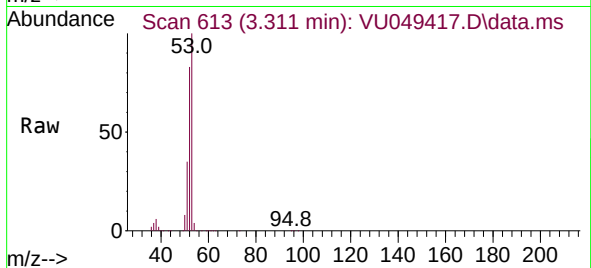




#15
Acrylonitrile
Concen: 293.518 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

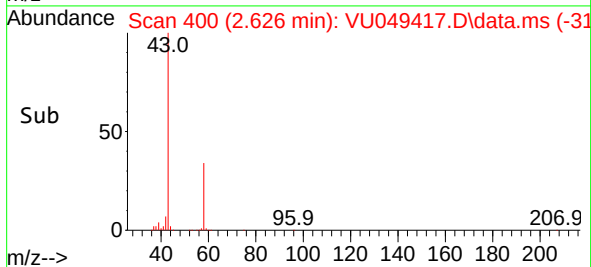
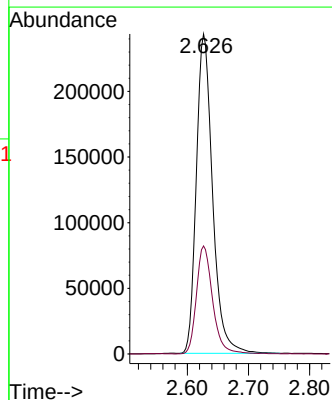
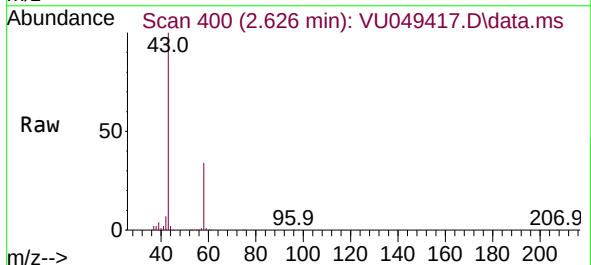
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

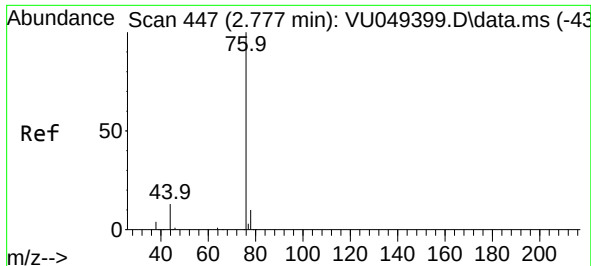
Tgt Ion: 53 Resp: 557645
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 35.2 28.2 42.4



#16
Acetone
Concen: 263.782 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.009 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 43 Resp: 448952
Ion Ratio Lower Upper
43 100
58 33.8 27.5 41.3

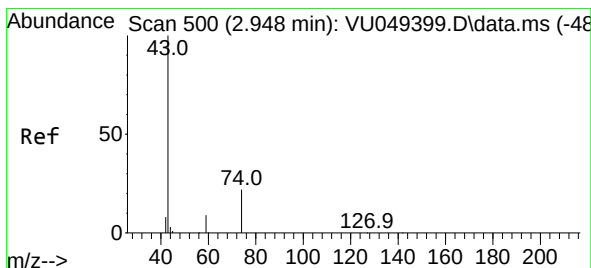
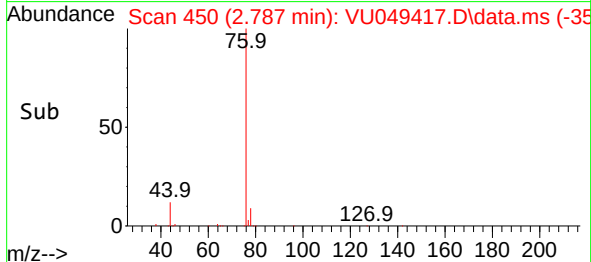
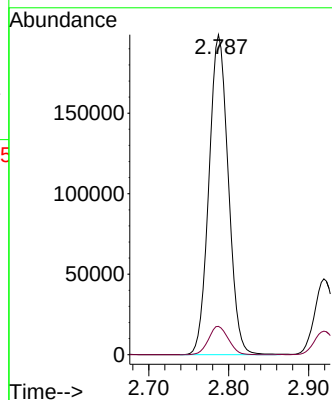
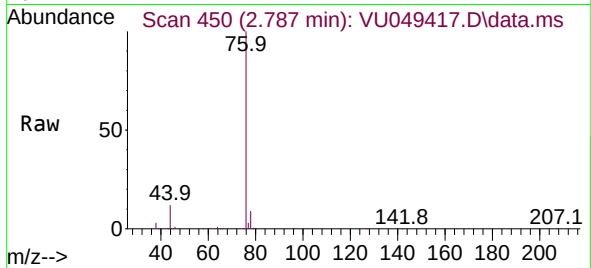




#17
Carbon Disulfide
Concen: 45.021 ug/l
RT: 2.787 min Scan# 447
Delta R.T. 0.010 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

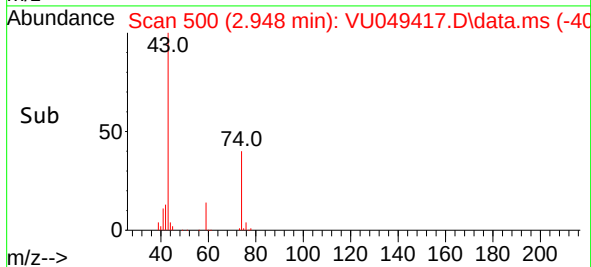
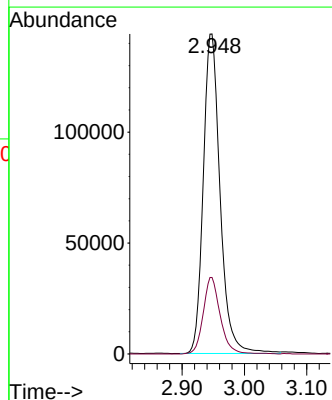
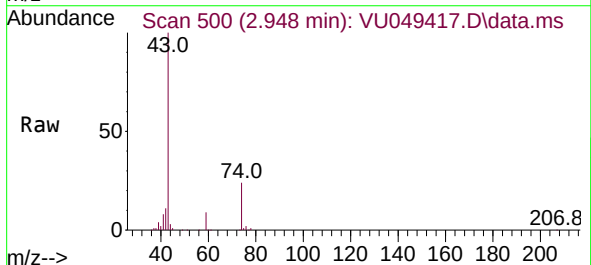
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

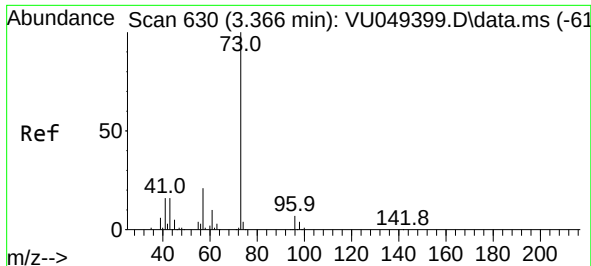
Tgt Ion: 76 Resp: 334189
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 58.733 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 43 Resp: 270601
Ion Ratio Lower Upper
43 100
74 24.1 22.5 33.7

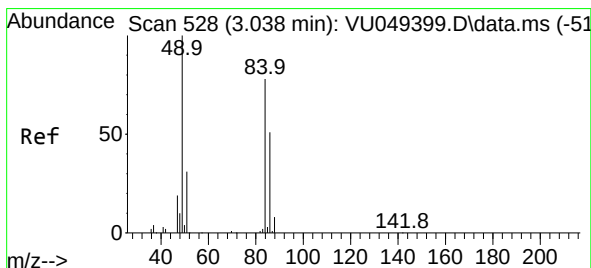
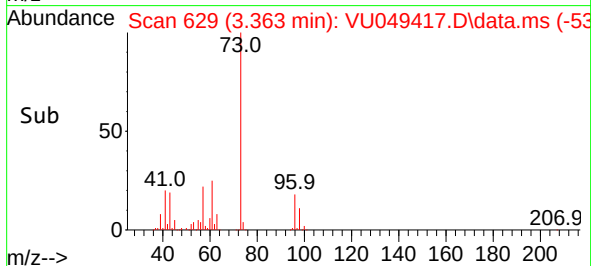
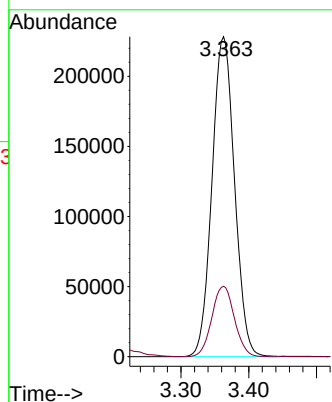
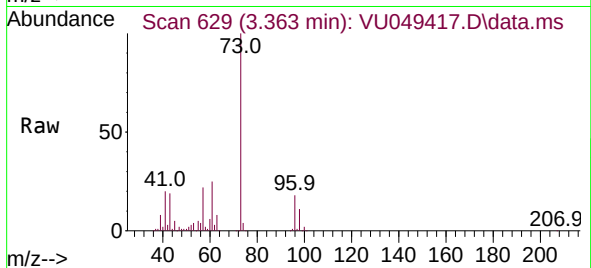




#19
Methyl tert-butyl Ether
Concen: 59.500 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

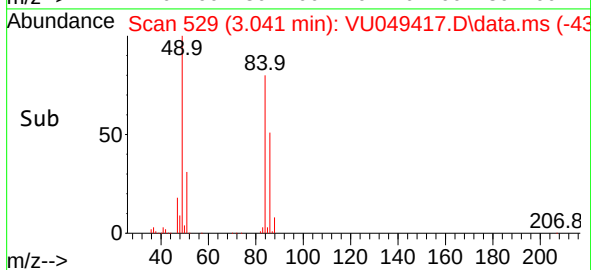
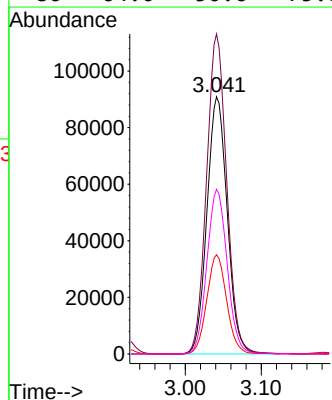
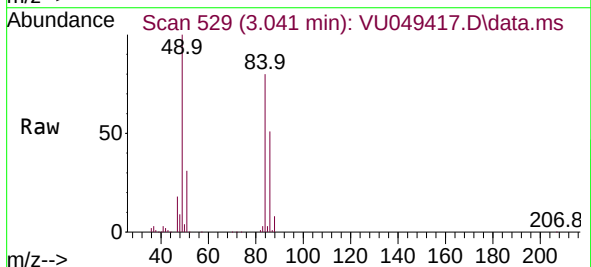
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

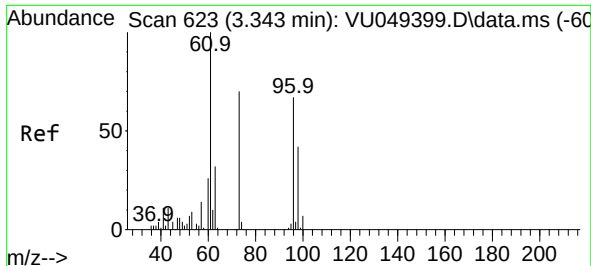
Tgt Ion: 73 Resp: 526730
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 59.772 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 84 Resp: 168934
Ion Ratio Lower Upper
84 100
49 124.4 86.6 129.8
51 38.6 26.6 40.0
86 64.0 50.6 75.8

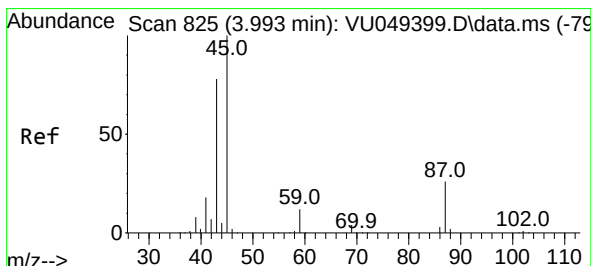
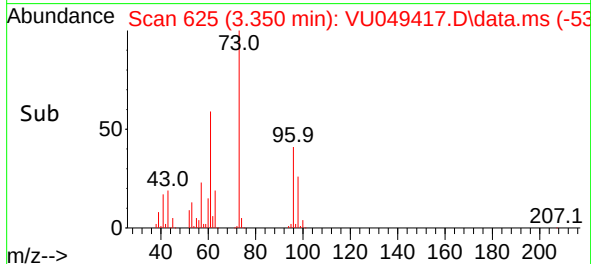
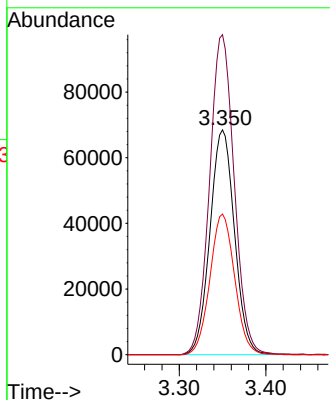
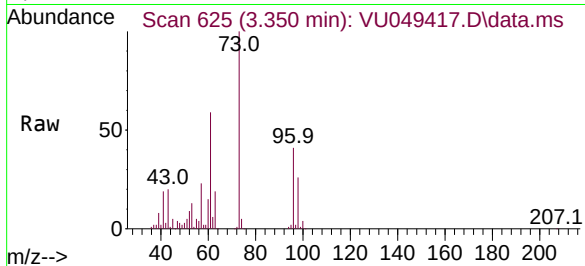




#21
trans-1,2-Dichloroethene
Concen: 52.605 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

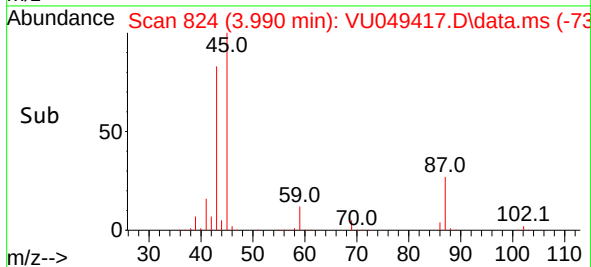
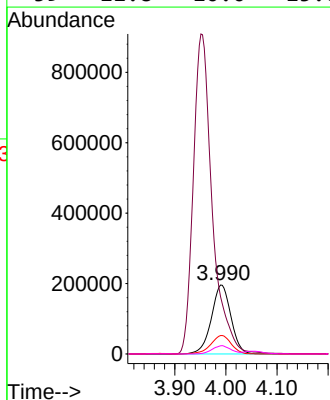
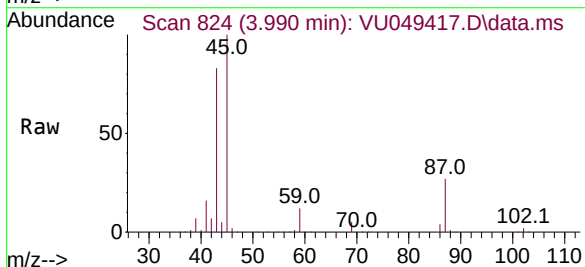
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

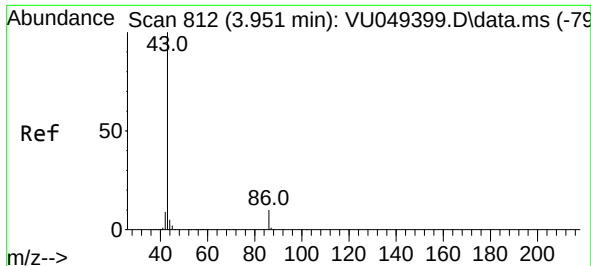
Tgt Ion: 96 Resp: 134976
Ion Ratio Lower Upper
96 100
61 142.3 106.1 159.1
98 62.5 50.8 76.2



#22
Diisopropyl ether
Concen: 56.576 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 45 Resp: 519613
Ion Ratio Lower Upper
45 100
43 82.2 92.9 139.3#
87 26.7 26.2 39.2
59 11.8 10.0 15.0

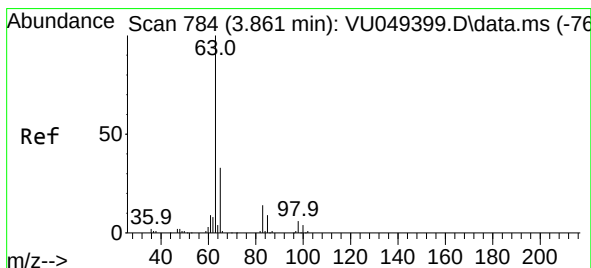
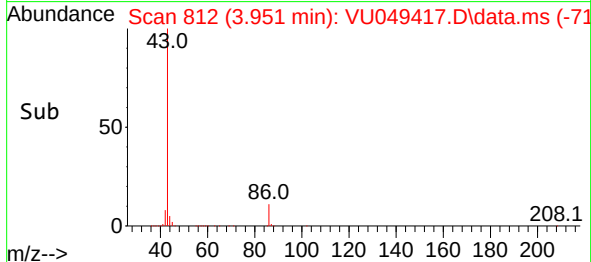
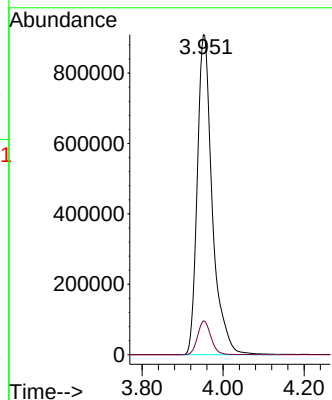
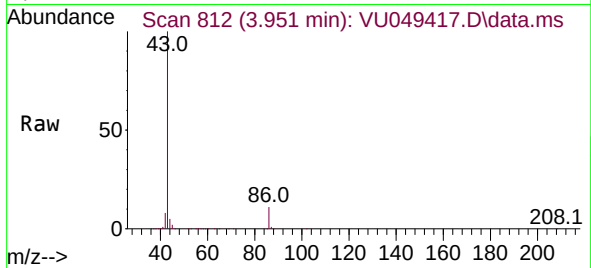




#23
 Vinyl Acetate
 Concen: 290.311 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

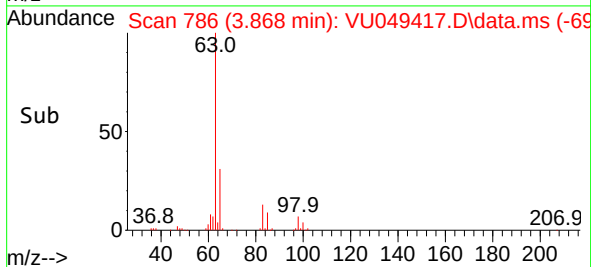
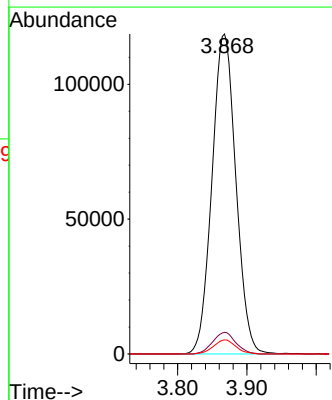
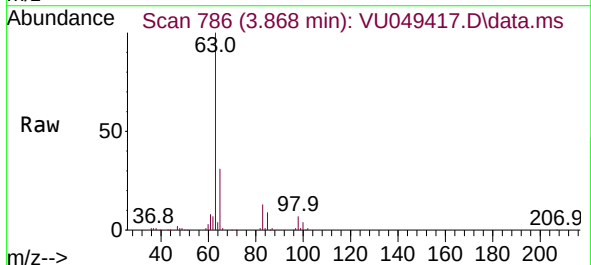
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

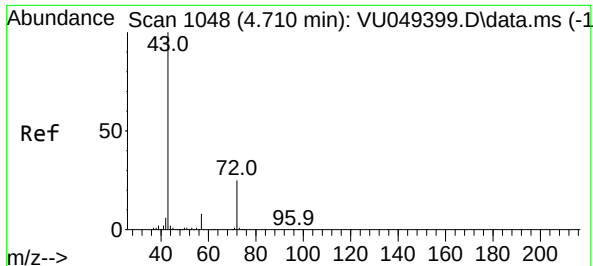
Tgt Ion: 43 Resp: 2337022
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 53.897 ug/l
 RT: 3.868 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

Tgt Ion: 63 Resp: 284342
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.4 2.4 7.2

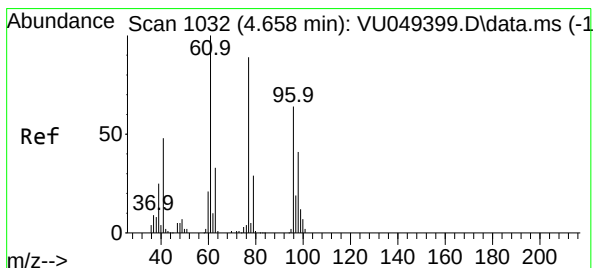
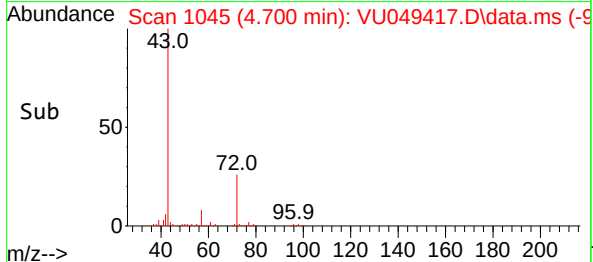
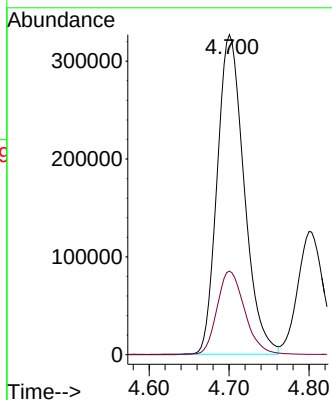
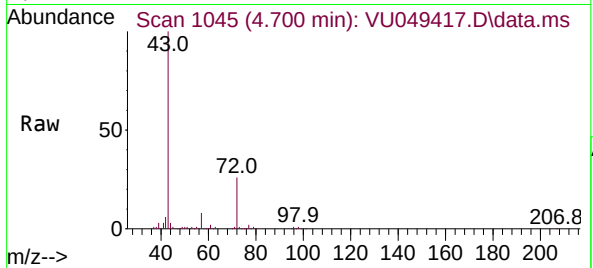




#25
2-Butanone
Concen: 299.407 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.009 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

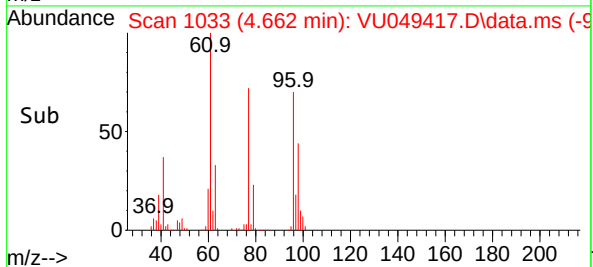
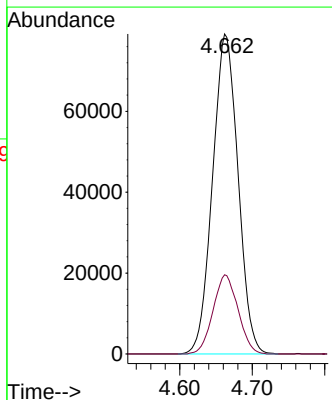
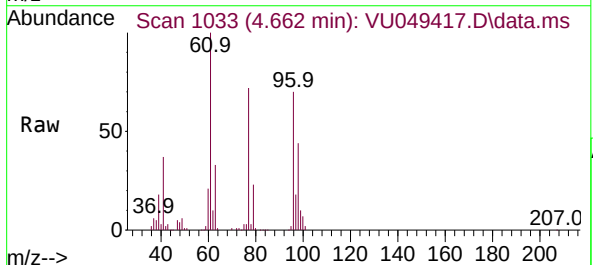
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

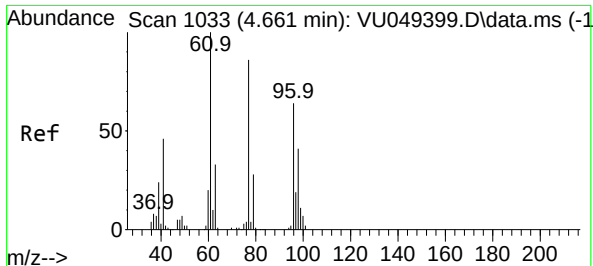
Tgt Ion: 43 Resp: 763684
Ion Ratio Lower Upper
43 100
72 26.1 23.8 35.6



#26
2,2-Dichloropropane
Concen: 43.929 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.004 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 77 Resp: 192886
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 57.712 ug/l

RT: 4.665 min Scan# 1033

Delta R.T. 0.004 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

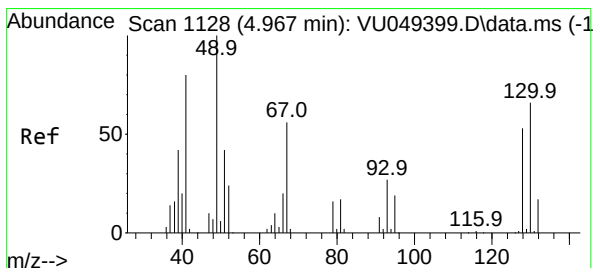
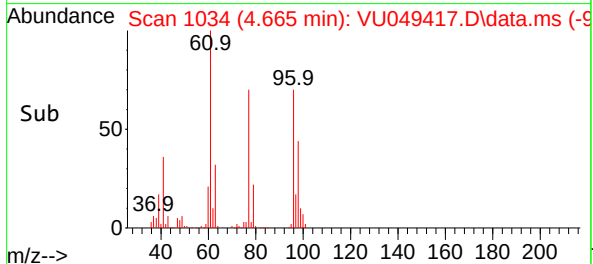
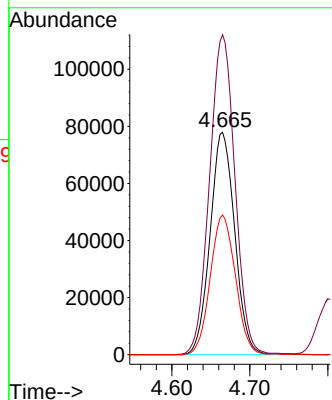
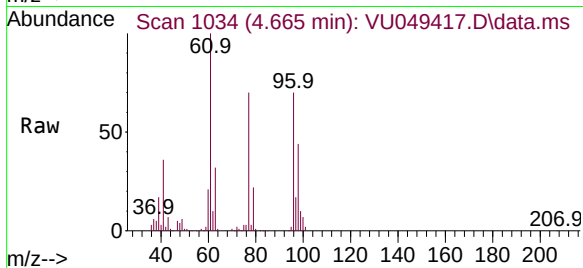
Tgt Ion: 96 Resp: 171090

Ion Ratio Lower Upper

96 100

61 148.5 0.0 271.6

98 64.1 0.0 128.2



#28

Bromochloromethane

Concen: 55.652 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.004 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

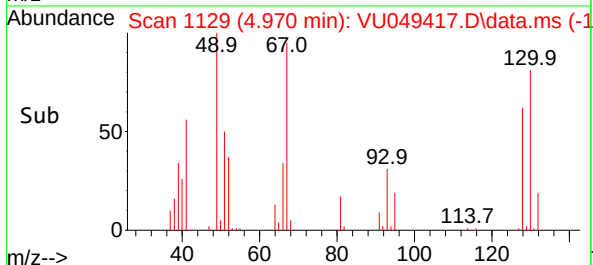
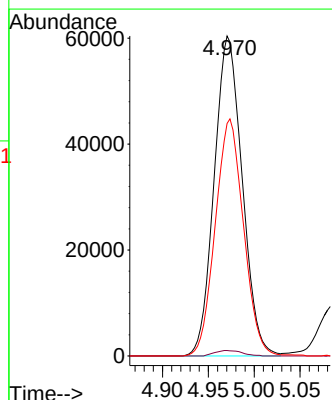
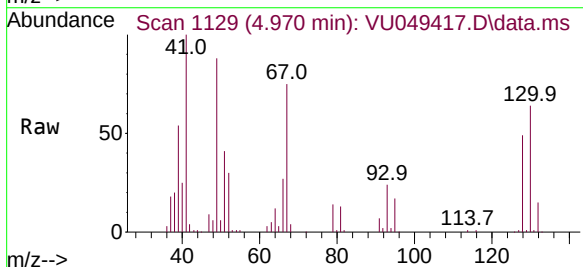
Tgt Ion: 49 Resp: 128334

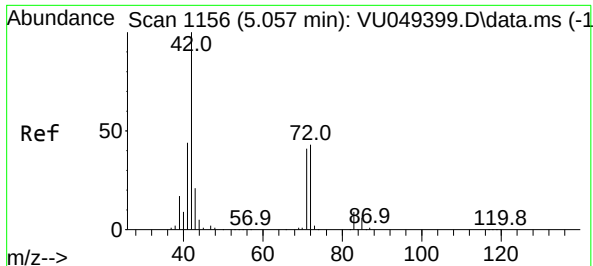
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 74.8 76.9 115.3





#29

Tetrahydrofuran

Concen: 288.320 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

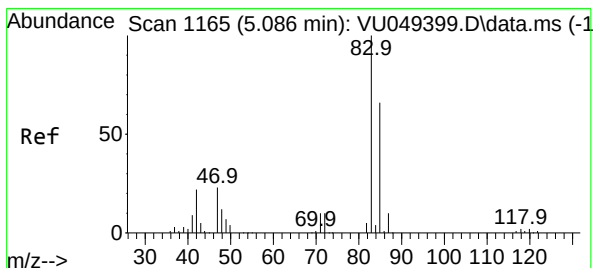
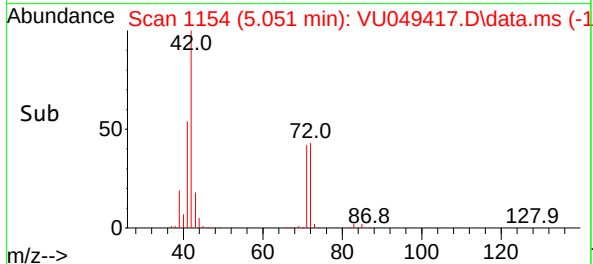
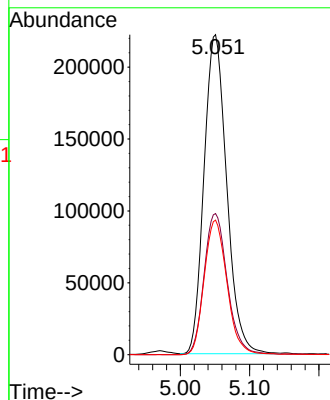
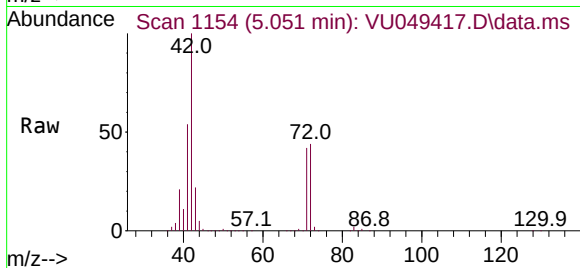
Tgt Ion: 42 Resp: 504496

Ion Ratio Lower Upper

42 100

72 45.5 42.6 63.8

71 42.4 40.3 60.5



#30

Chloroform

Concen: 54.191 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049417.D

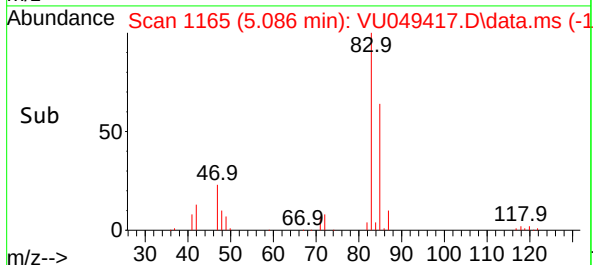
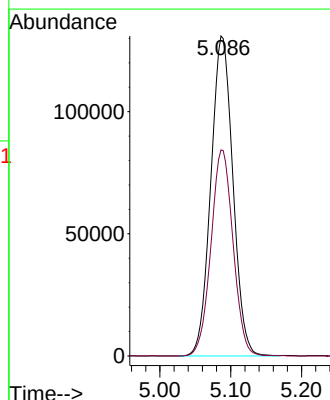
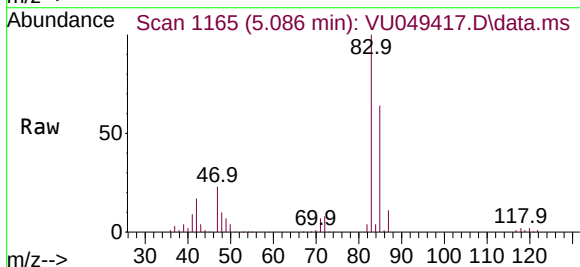
Acq: 27 Jun 2022 20:39

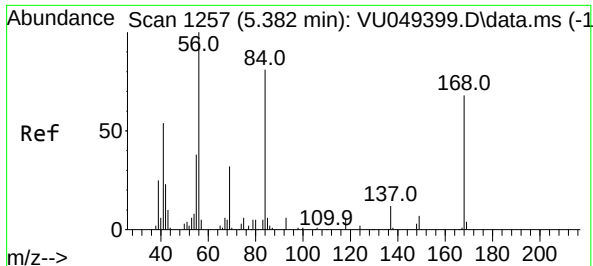
Tgt Ion: 83 Resp: 282802

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

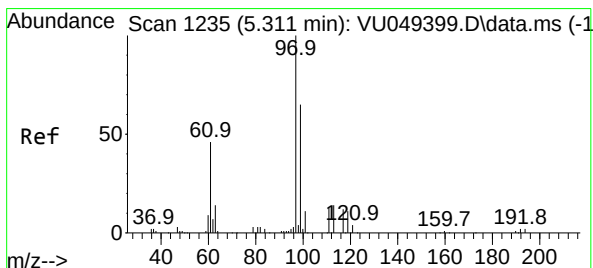
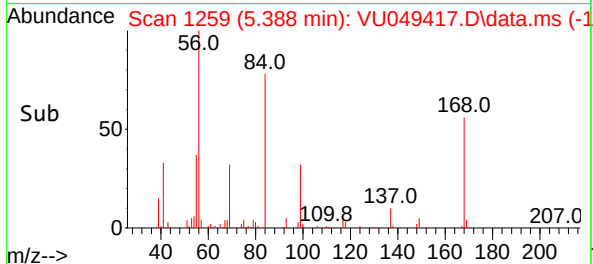
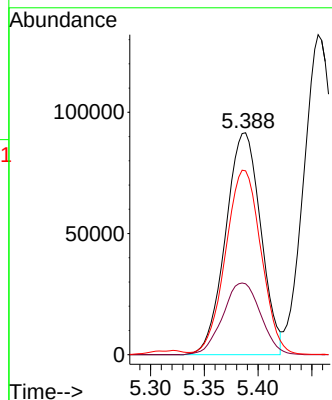
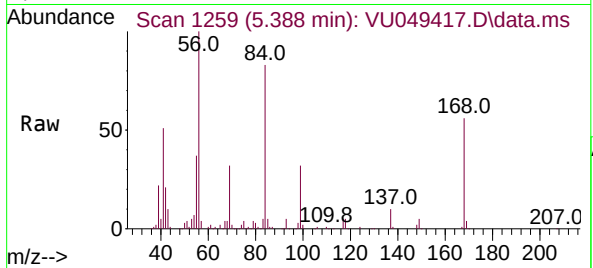




#31
Cyclohexane
Concen: 41.121 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.007 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

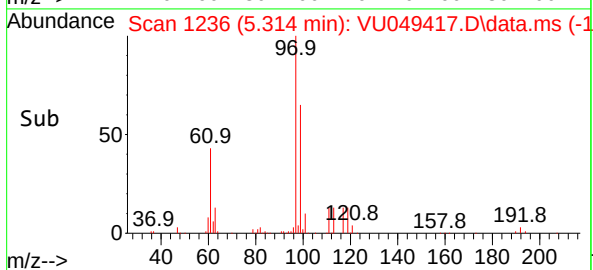
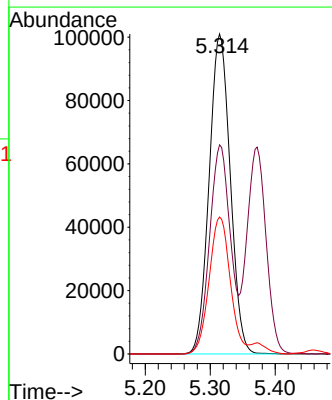
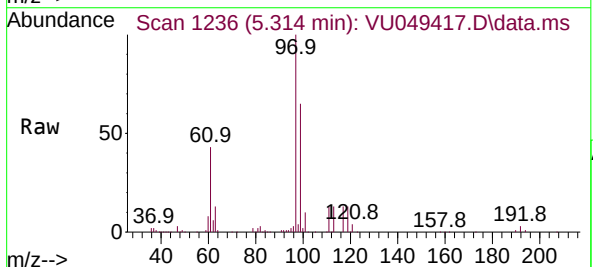
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

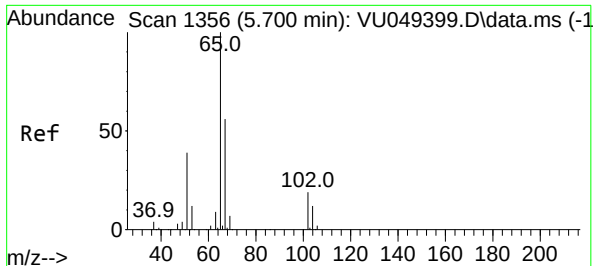
Tgt Ion: 56 Resp: 208385
Ion Ratio Lower Upper
56 100
69 32.0 27.8 41.8
84 81.3 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 50.280 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.004 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 97 Resp: 227666
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.340 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

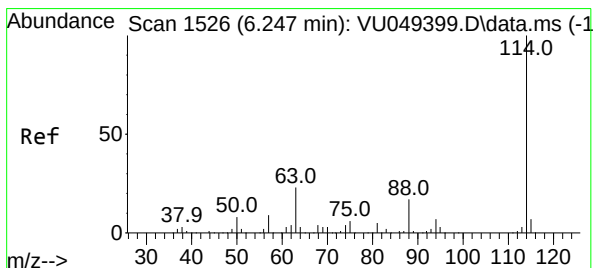
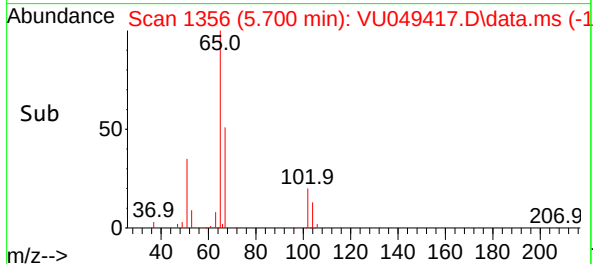
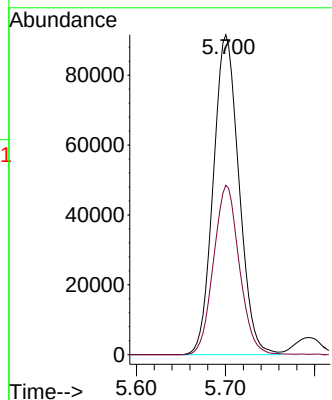
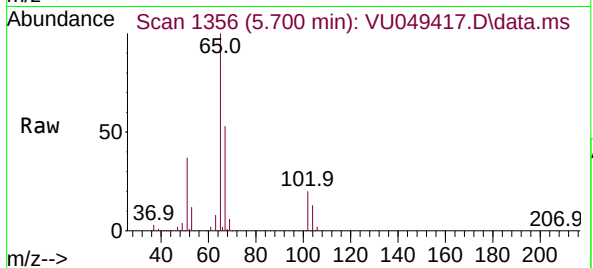
VSTDCCC050EC

Tgt Ion: 65 Resp: 183396

Ion Ratio Lower Upper

65 100

67 53.2 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: VU049417.D

Acq: 27 Jun 2022 20:39

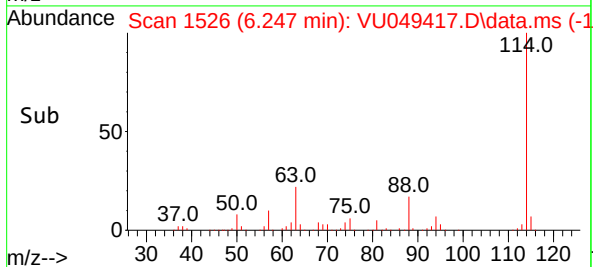
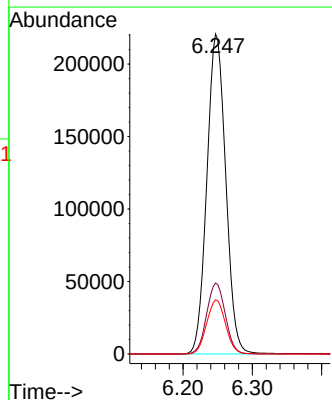
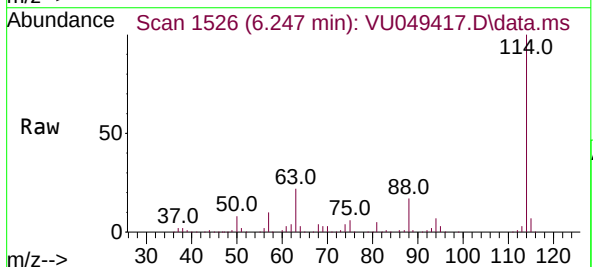
Tgt Ion: 114 Resp: 416722

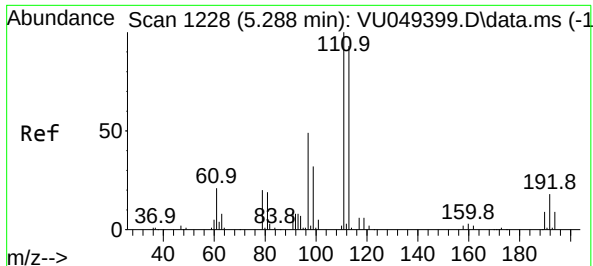
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 16.9 0.0 29.2

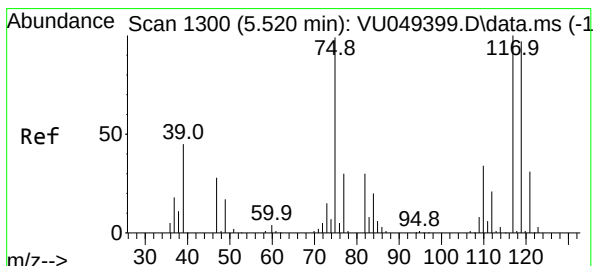
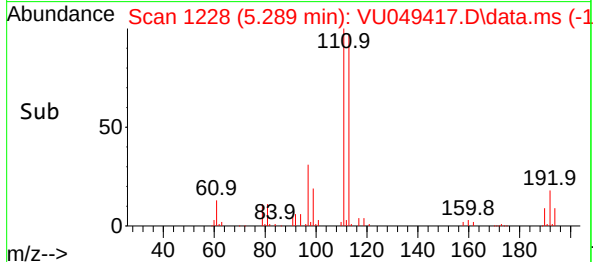
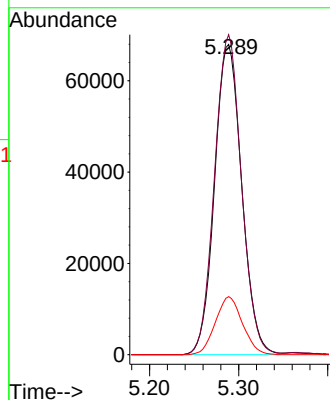
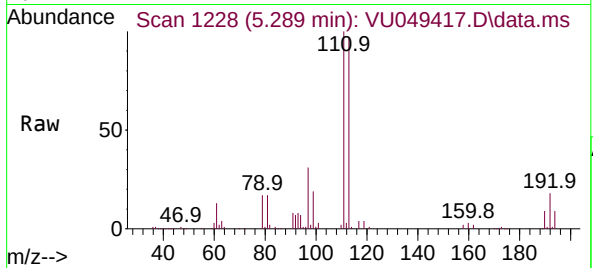




#35
Dibromofluoromethane
Concen: 49.457 ug/l
RT: 5.289 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

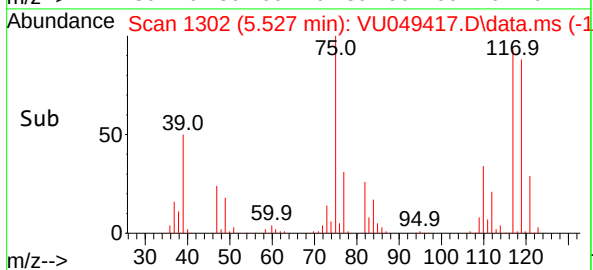
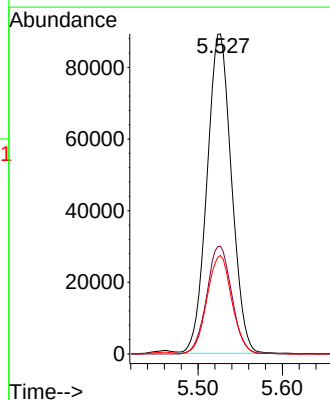
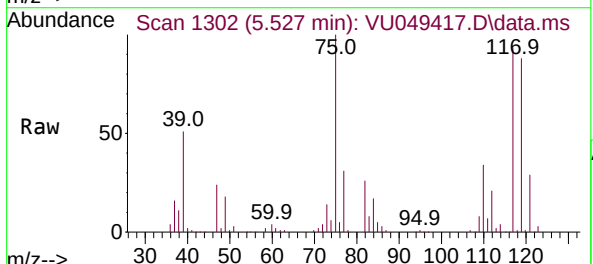
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

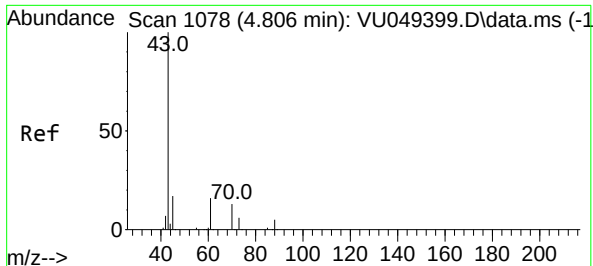
Tgt Ion:113 Resp: 144190
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 18.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 42.658 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 75 Resp: 180333
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 49.708 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

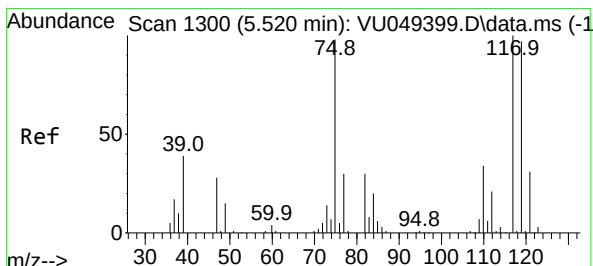
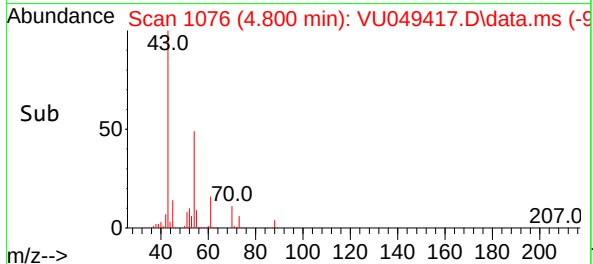
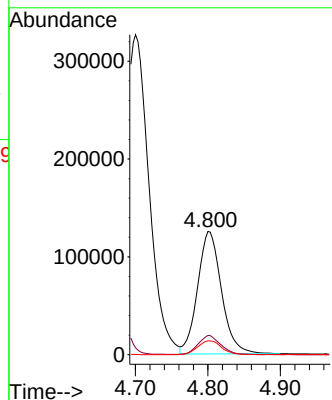
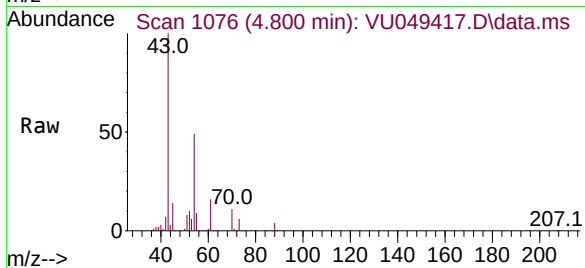
Tgt Ion: 43 Resp: 287145

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.3 7.5 11.3



#38

Carbon Tetrachloride

Concen: 41.845 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

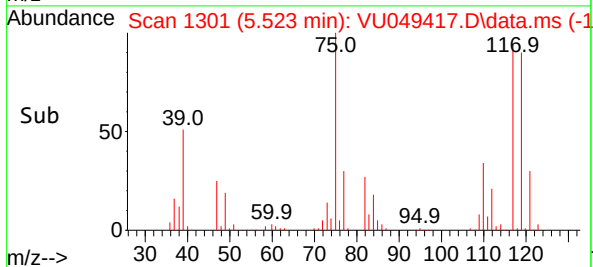
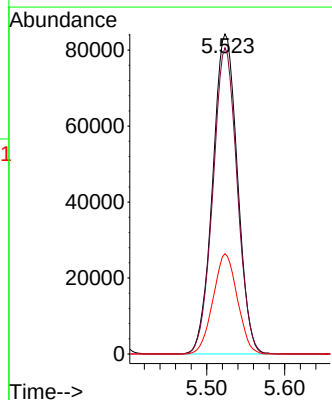
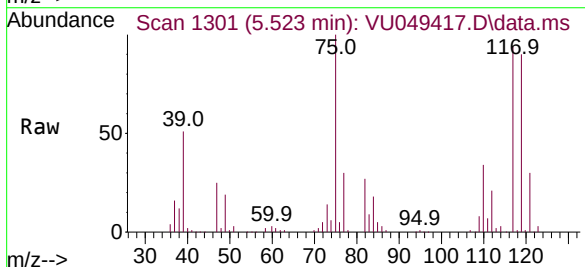
Tgt Ion: 117 Resp: 185519

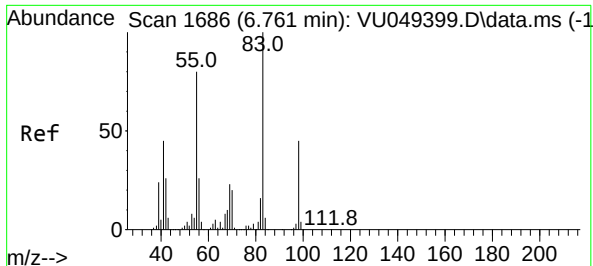
Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2

121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 37.224 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

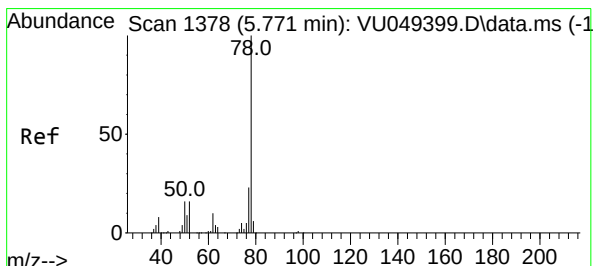
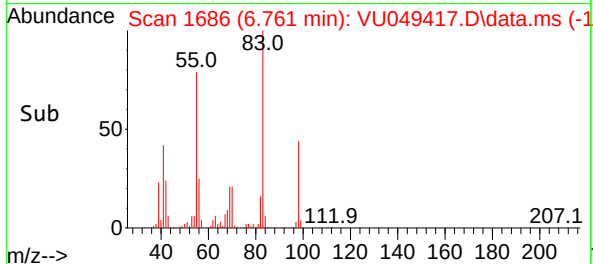
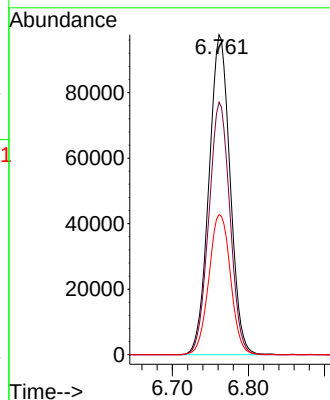
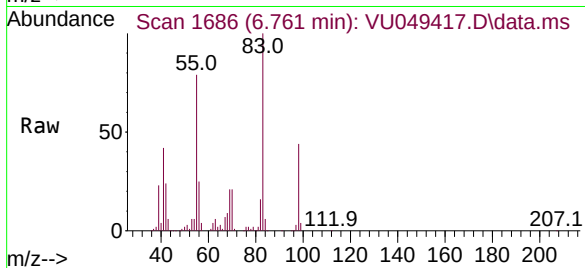
Tgt Ion: 83 Resp: 188621

Ion Ratio Lower Upper

83 100

55 78.9 55.3 82.9

98 43.8 37.3 55.9



#40

Benzene

Concen: 49.095 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.004 min

Lab File: VU049417.D

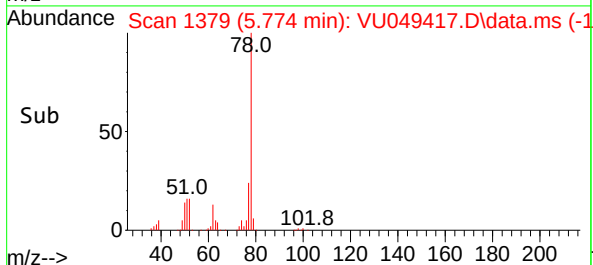
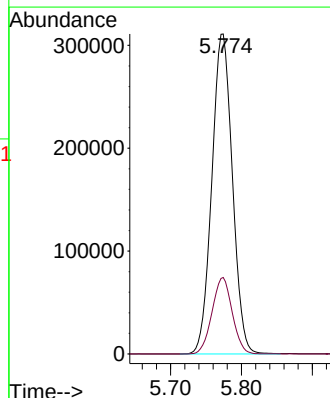
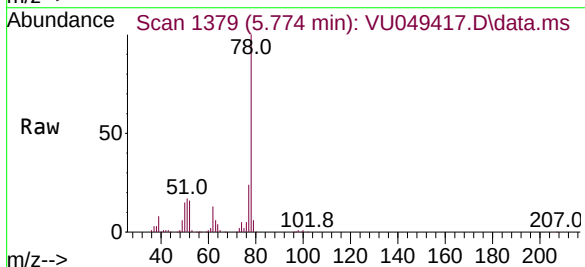
Acq: 27 Jun 2022 20:39

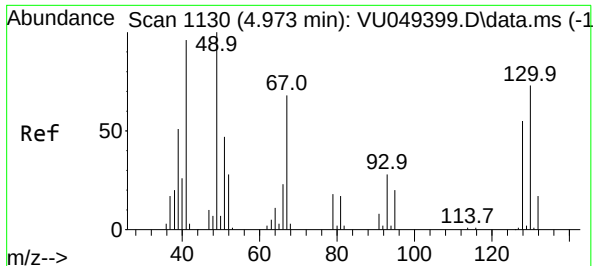
Tgt Ion: 78 Resp: 626608

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

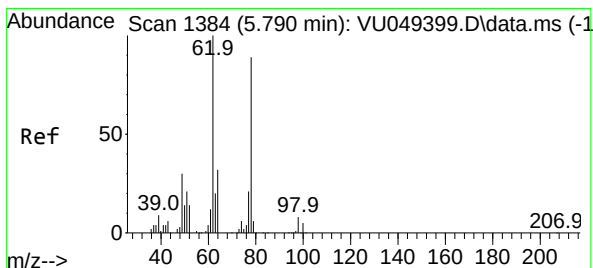
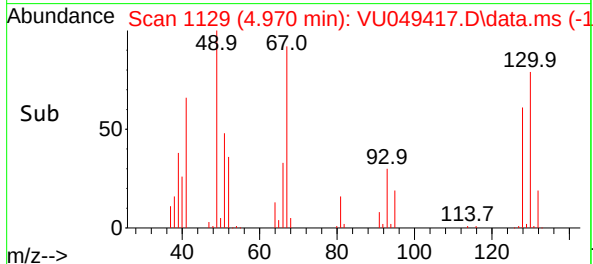
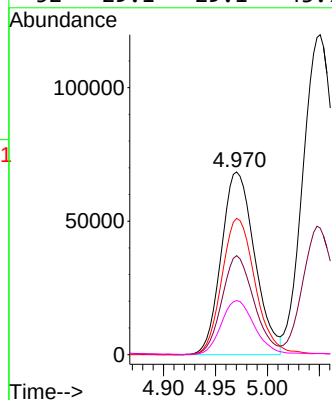
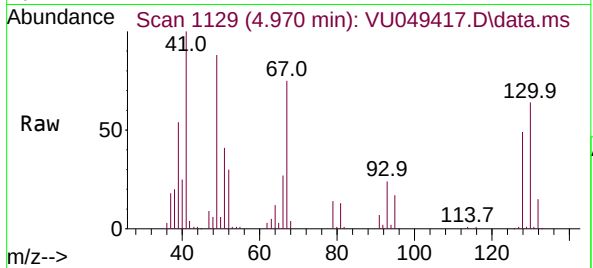




#41
Methacrylonitrile
Concen: 52.953 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

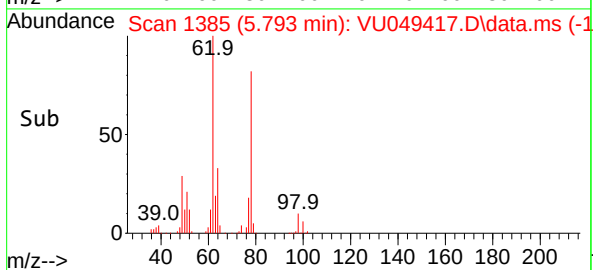
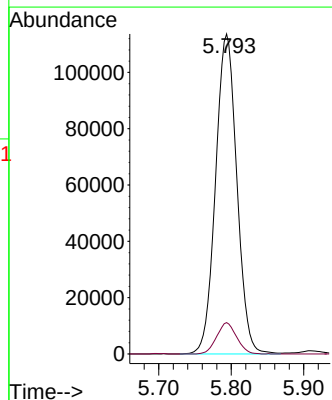
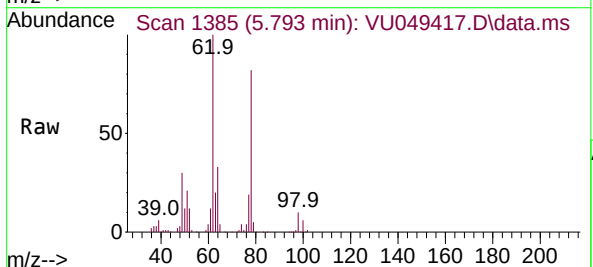
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

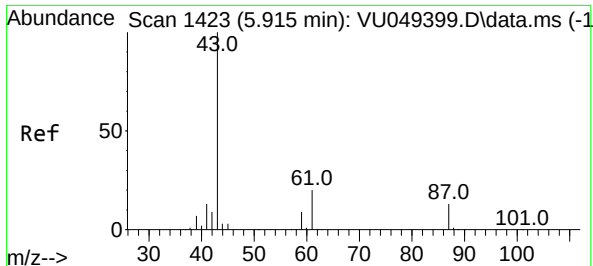
Tgt Ion: 41 Resp: 153274
Ion Ratio Lower Upper
41 100
39 52.1 43.1 64.7
67 75.0 72.3 108.5
52 29.1 29.1 43.7



#42
1,2-Dichloroethane
Concen: 48.711 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.004 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 62 Resp: 231389
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6

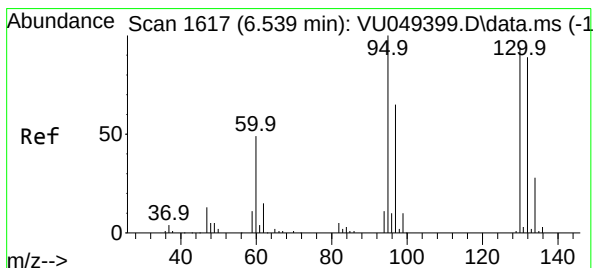
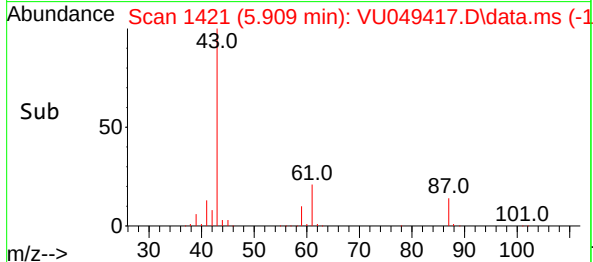
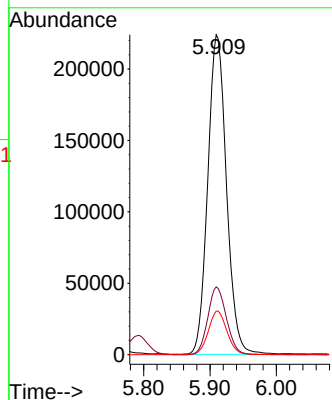
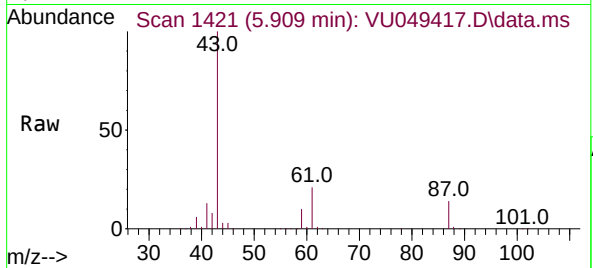




#43
Isopropyl Acetate
Concen: 51.878 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

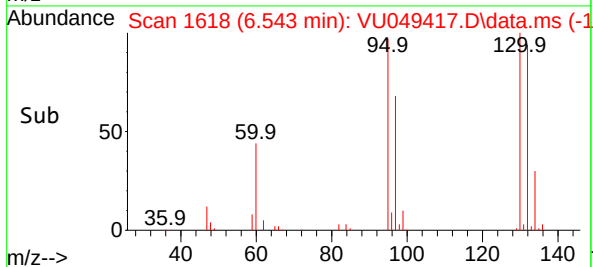
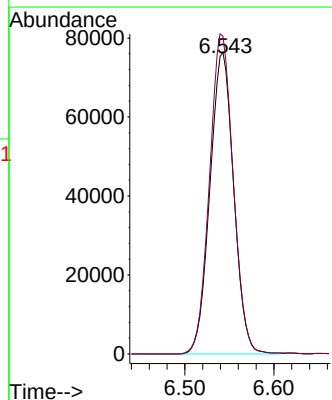
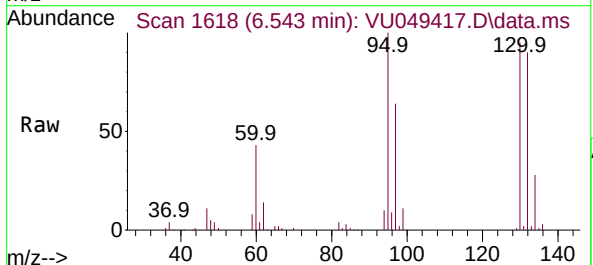
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

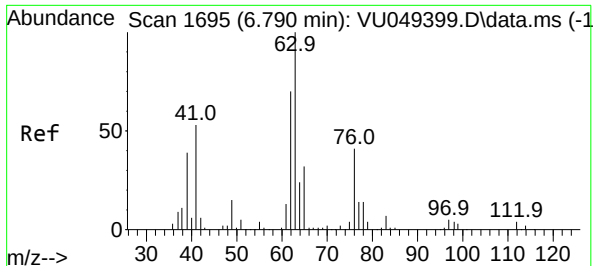
Tgt Ion: 43 Resp: 439114
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0
87 13.6 12.6 18.8



#44
Trichloroethene
Concen: 46.628 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.004 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:130 Resp: 141474
Ion Ratio Lower Upper
130 100
95 105.3 0.0 184.6





#45

1,2-Dichloropropane

Concen: 49.545 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

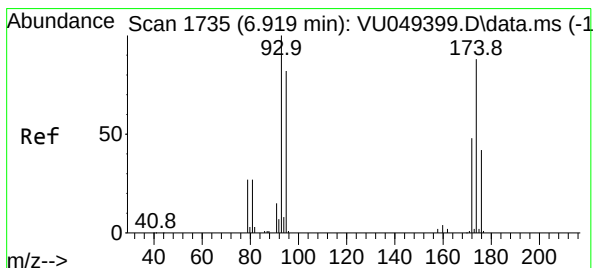
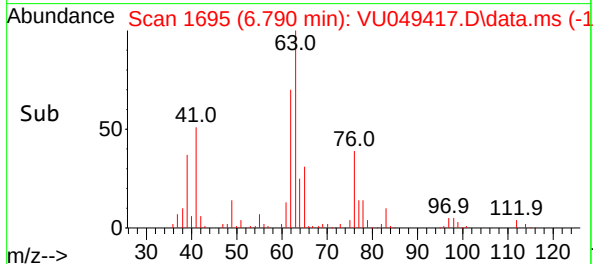
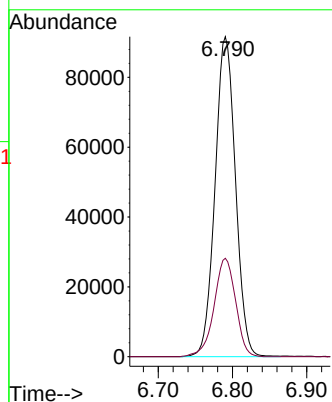
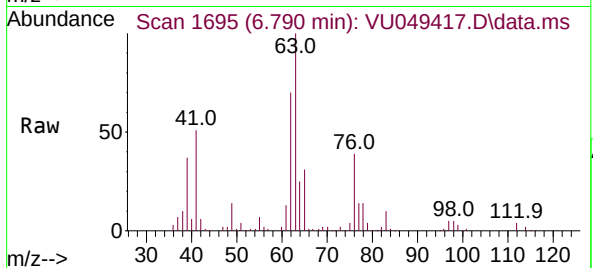
VSTDCCC050EC

Tgt Ion: 63 Resp: 175217

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 51.298 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

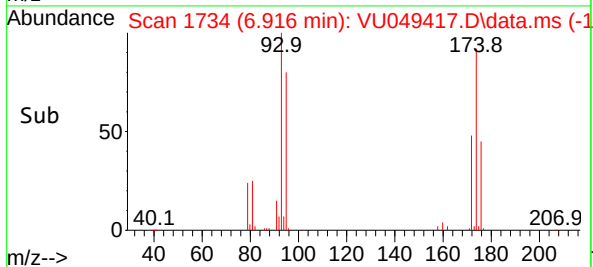
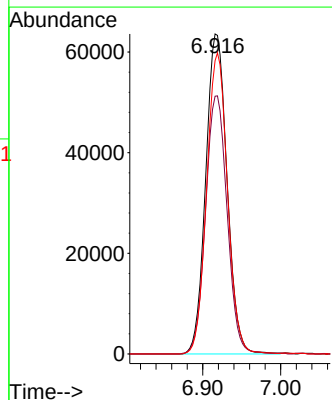
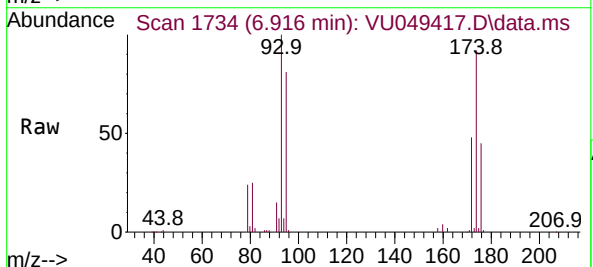
Tgt Ion: 93 Resp: 120954

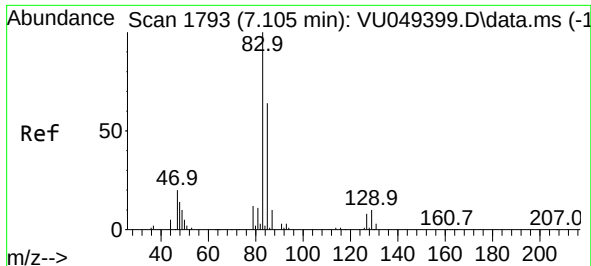
Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

174 92.0 88.2 132.4

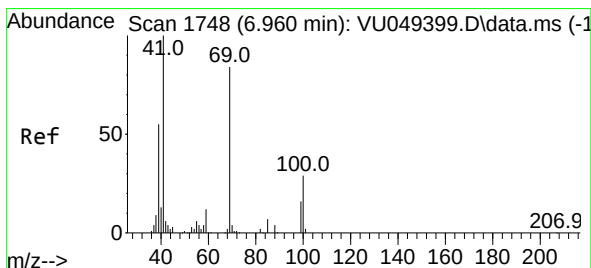
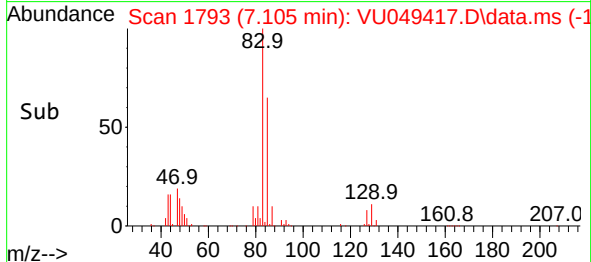
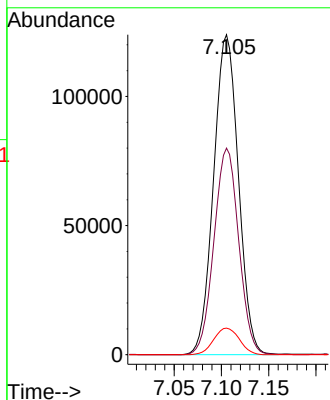
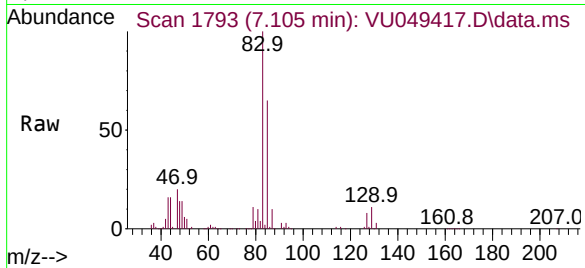




#47
Bromodichloromethane
Concen: 49.811 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

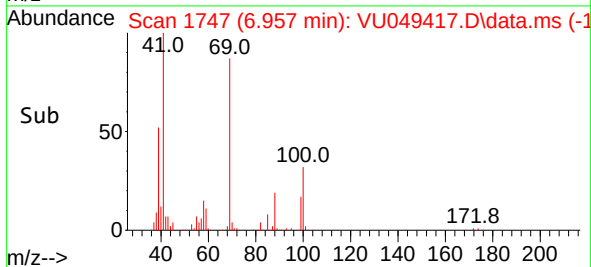
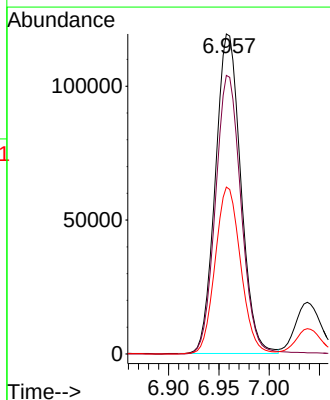
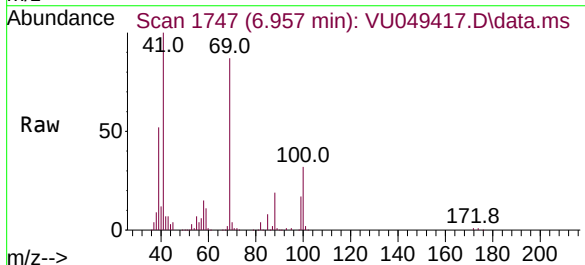
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

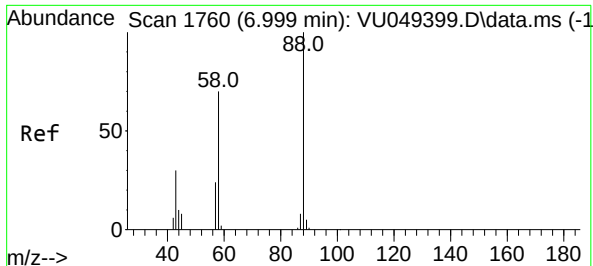
Tgt Ion: 83 Resp: 226056
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 53.055 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 41 Resp: 210457
Ion Ratio Lower Upper
41 100
69 88.0 79.8 119.6
39 52.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1083.381 ug/l

RT: 6.974 min Scan# 1

Delta R.T. -0.025 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

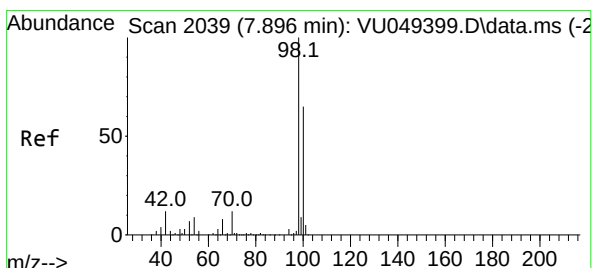
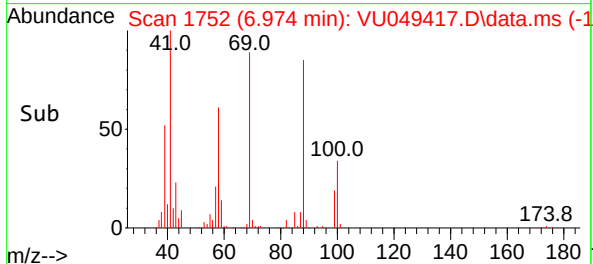
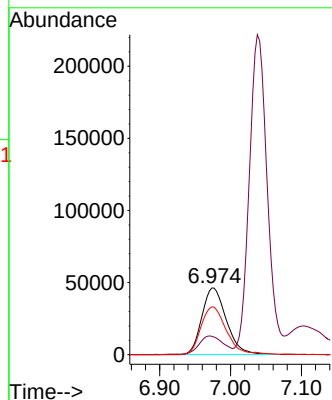
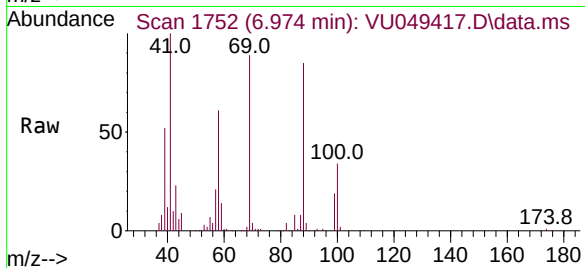
Tgt Ion: 88 Resp: 110100

Ion Ratio Lower Upper

88 100

43 27.8 0.0 0.0#

58 75.6 15.4 23.0#



#50

Toluene-d8

Concen: 48.729 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049417.D

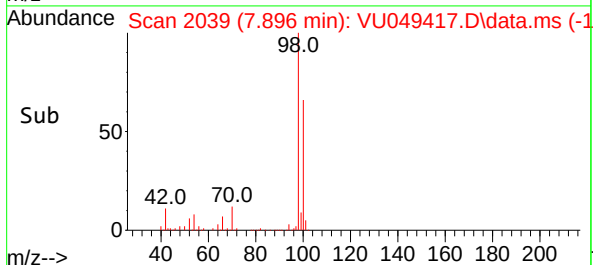
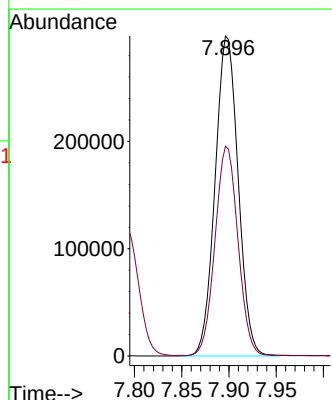
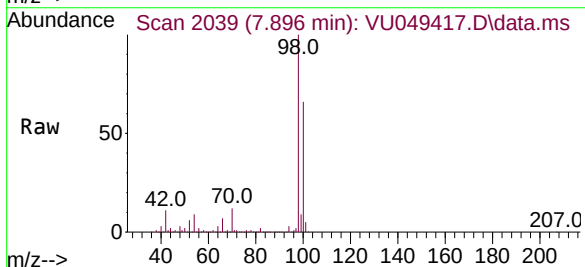
Acq: 27 Jun 2022 20:39

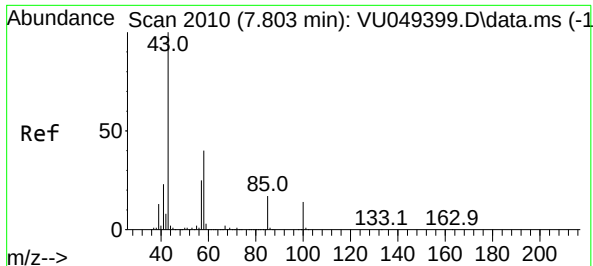
Tgt Ion: 98 Resp: 506720

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5

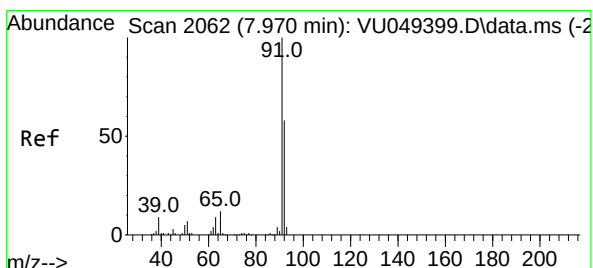
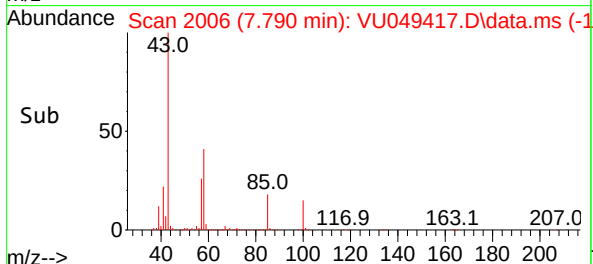
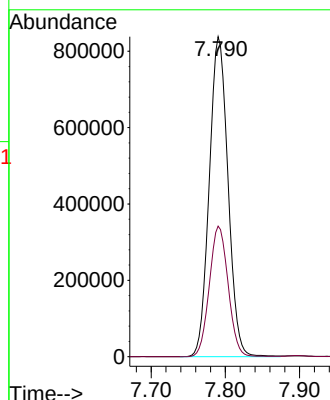
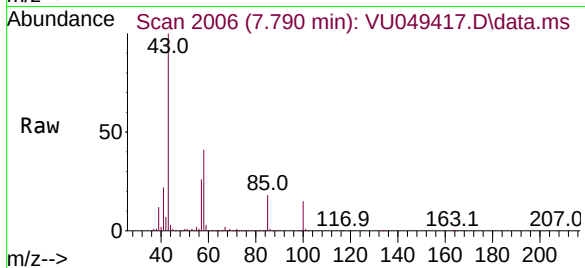




#51
4-Methyl-2-Pentanone
Concen: 258.850 ug/l
RT: 7.790 min Scan# 2010
Delta R.T. -0.013 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

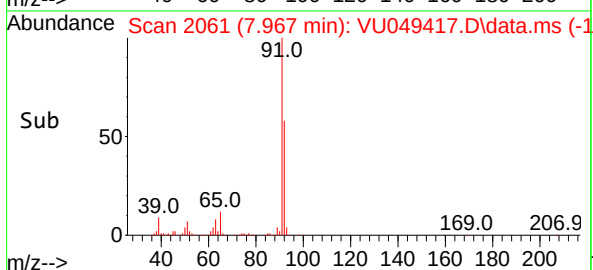
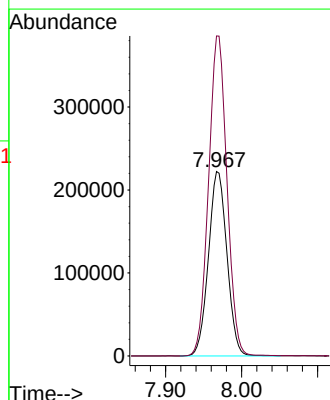
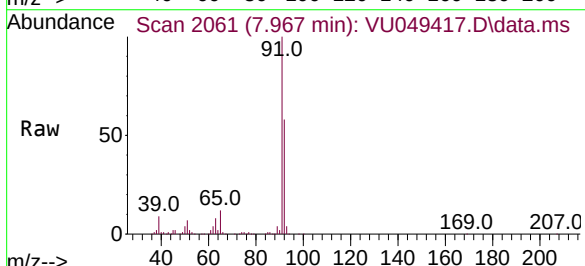
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

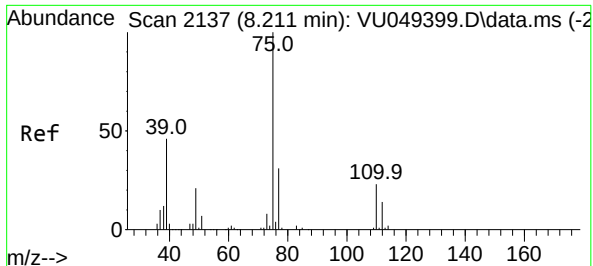
Tgt Ion: 43 Resp: 1466340
Ion Ratio Lower Upper
43 100
58 41.0 34.7 52.1



#52
Toluene
Concen: 49.533 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 92 Resp: 375755
Ion Ratio Lower Upper
92 100
91 172.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 51.924 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

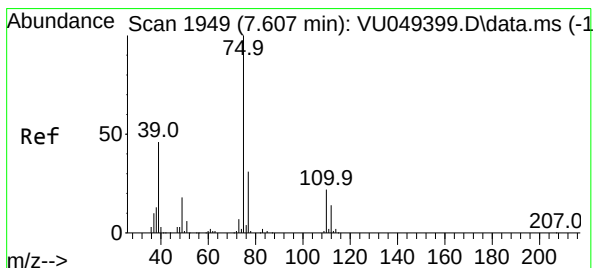
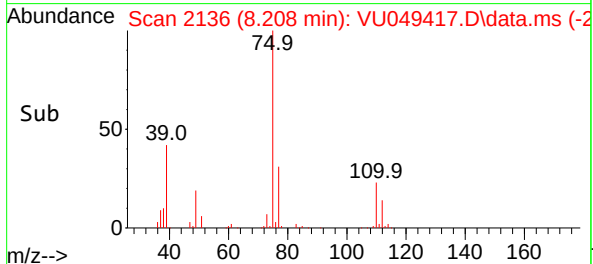
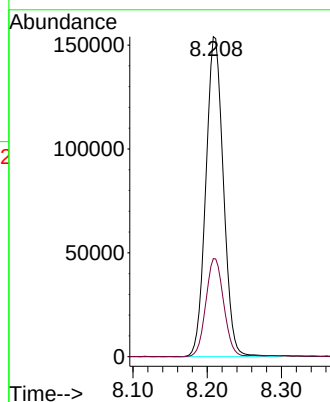
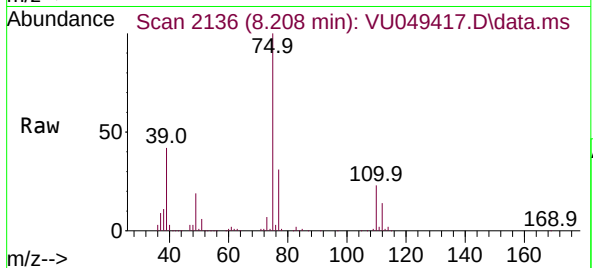
VSTDCCC050EC

Tgt Ion: 75 Resp: 252768

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.019 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

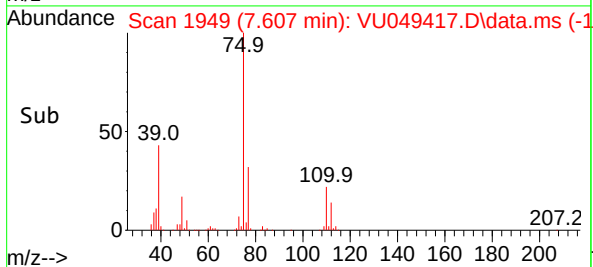
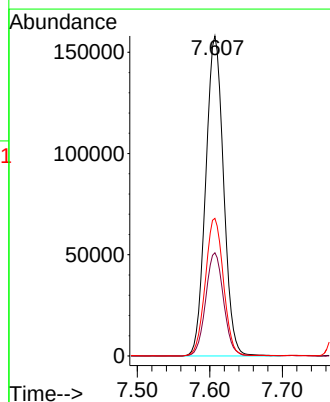
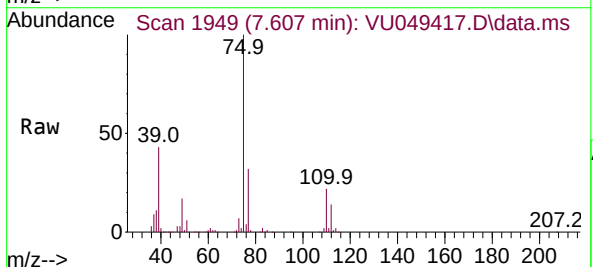
Tgt Ion: 75 Resp: 270382

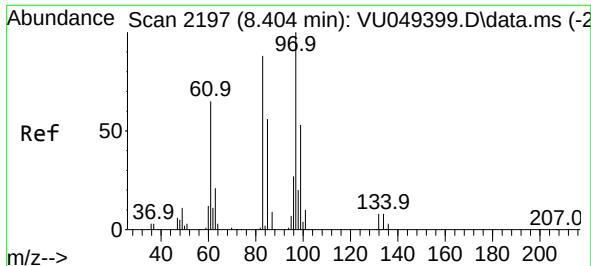
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 43.0 33.0 49.6

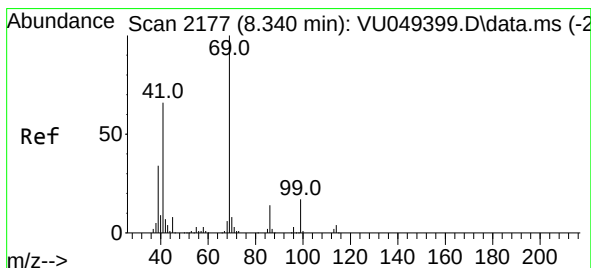
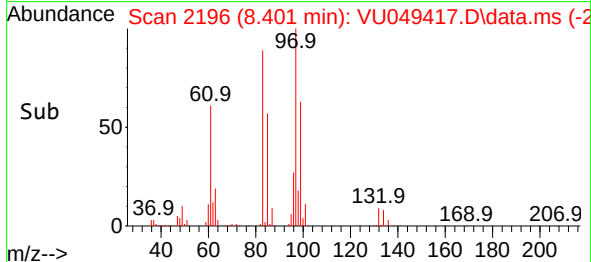
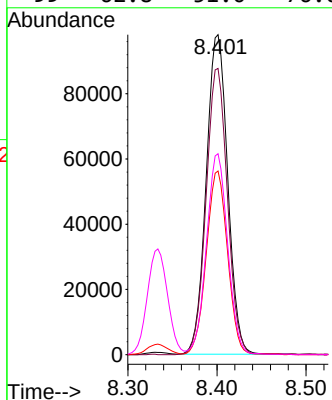
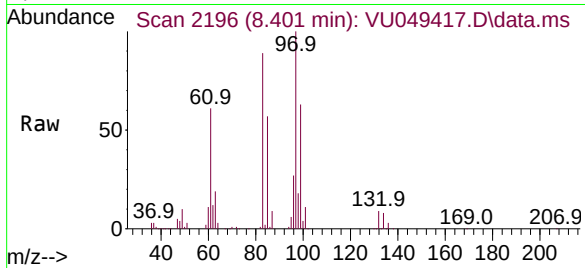




#55
 1,1,2-Trichloroethane
 Concen: 52.392 ug/l
 RT: 8.401 min Scan# 2197
 Delta R.T. -0.003 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

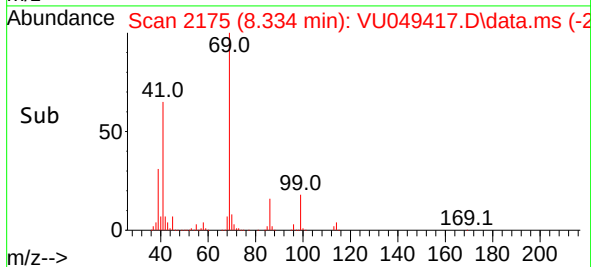
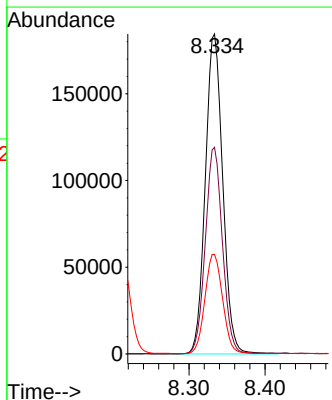
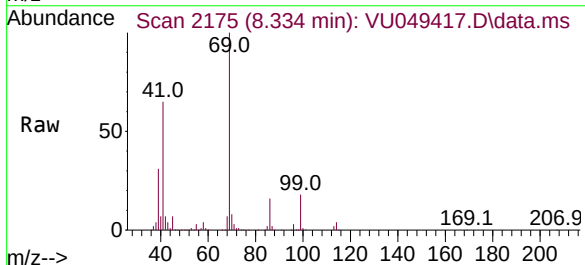
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

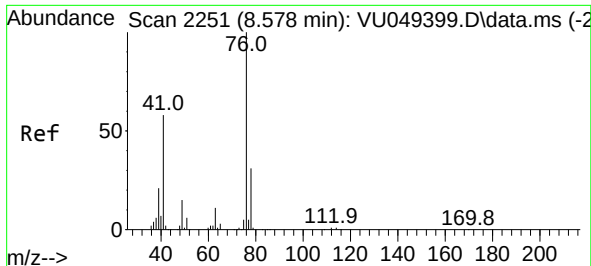
Tgt Ion:	97	Resp:	164325
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.2	105.4
85	57.3	44.6	66.8
99	62.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 55.858 ug/l
 RT: 8.334 min Scan# 2175
 Delta R.T. -0.006 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

Tgt Ion:	69	Resp:	293022
Ion	Ratio	Lower	Upper
69	100		
41	63.5	45.4	68.0
39	31.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 51.405 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

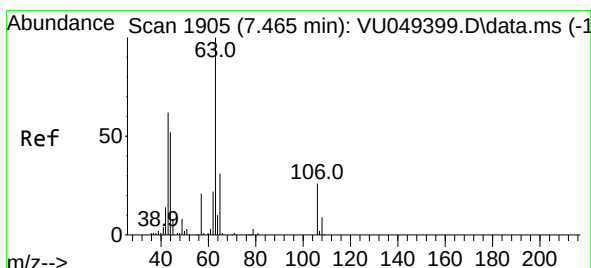
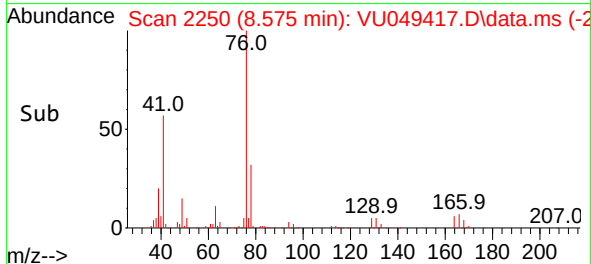
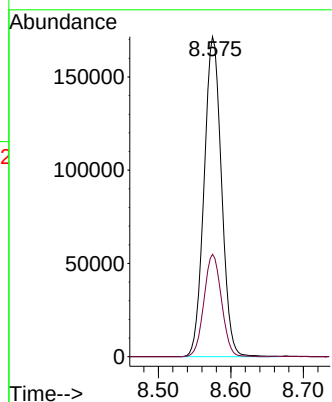
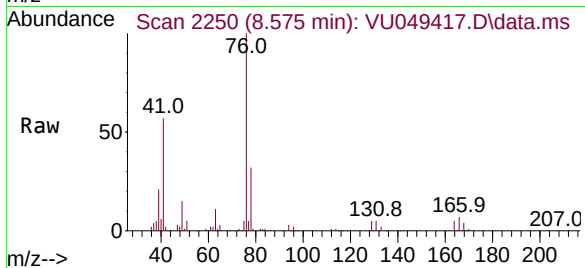
VSTDCCC050EC

Tgt Ion: 76 Resp: 286007

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 443.872 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049417.D

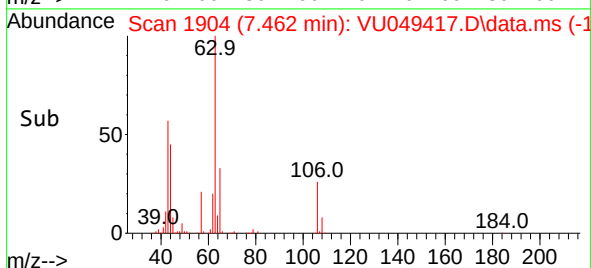
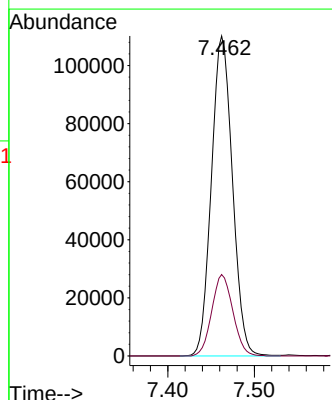
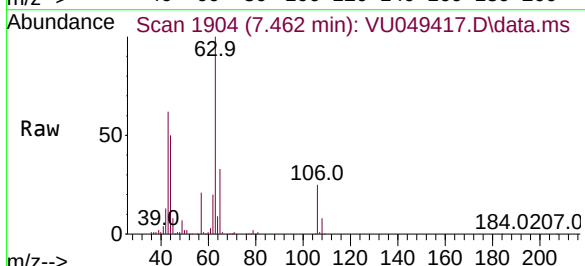
Acq: 27 Jun 2022 20:39

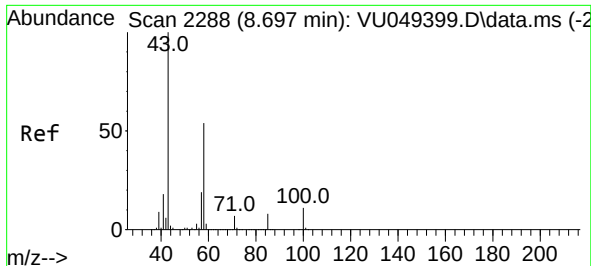
Tgt Ion: 63 Resp: 185927

Ion Ratio Lower Upper

63 100

106 25.5 23.1 34.7

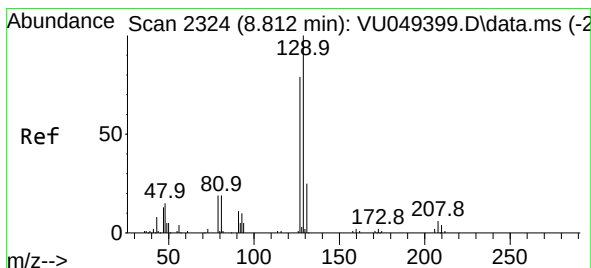
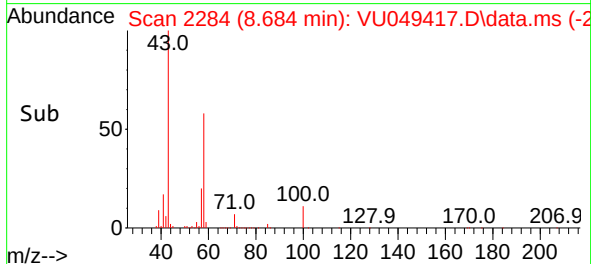
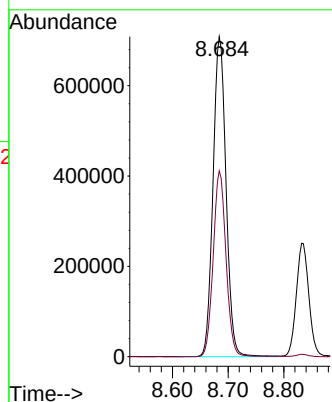
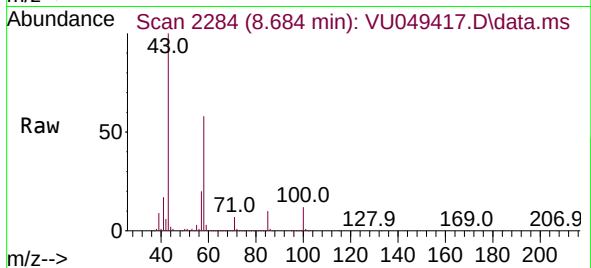




#59
2-Hexanone
Concen: 257.431 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

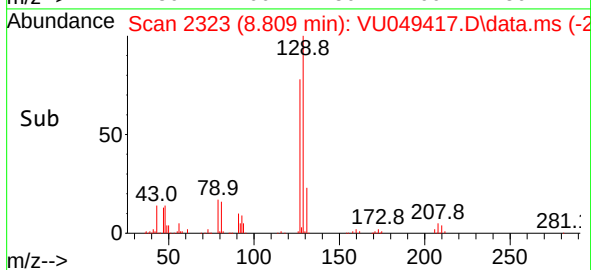
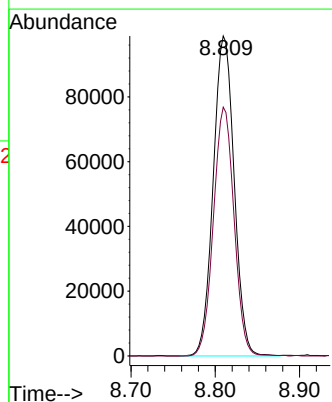
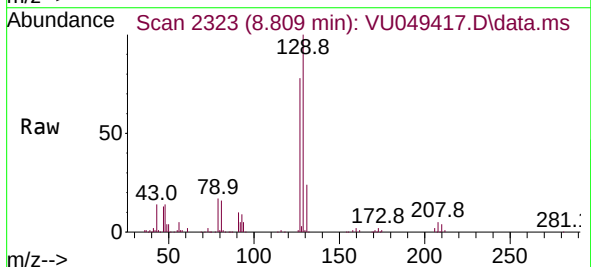
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

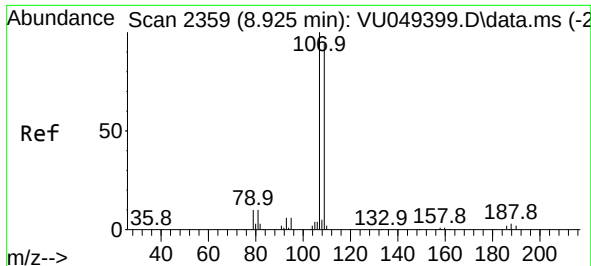
Tgt Ion: 43 Resp: 1146789
Ion Ratio Lower Upper
43 100
58 57.3 30.3 90.8



#60
Dibromochloromethane
Concen: 52.284 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:129 Resp: 170530
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

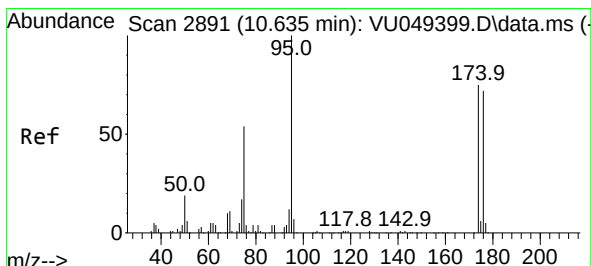
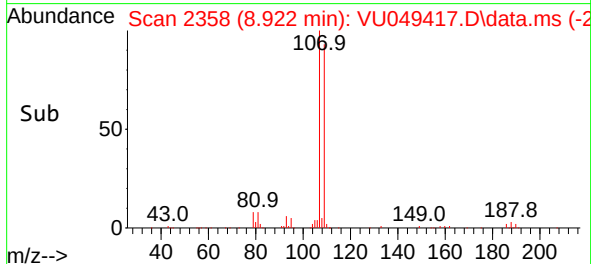
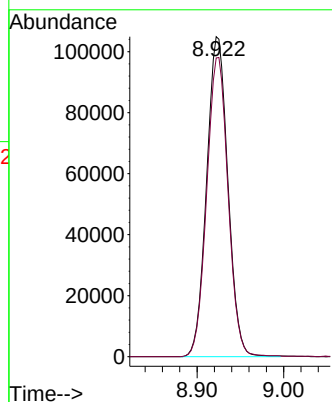
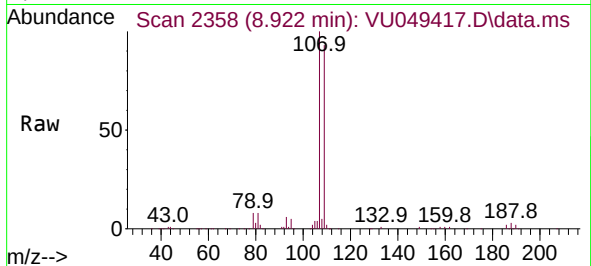




#61
1,2-Dibromoethane
Concen: 52.250 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

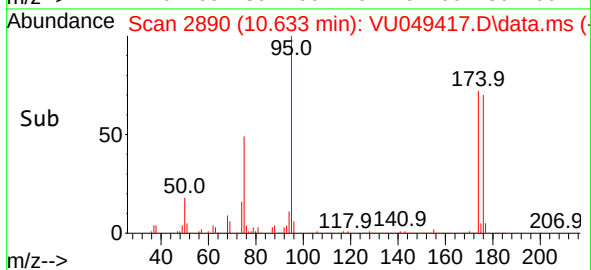
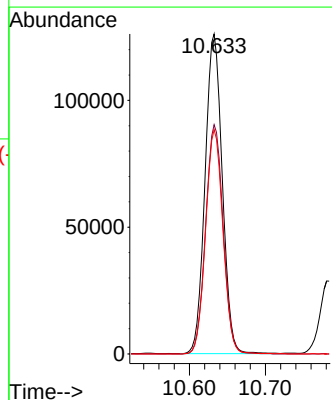
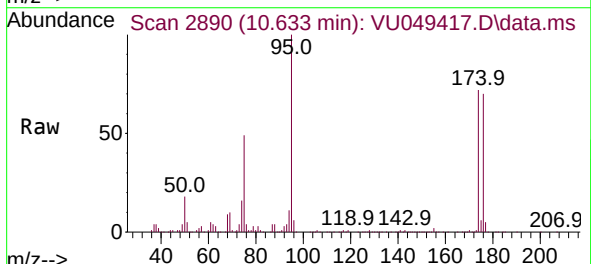
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

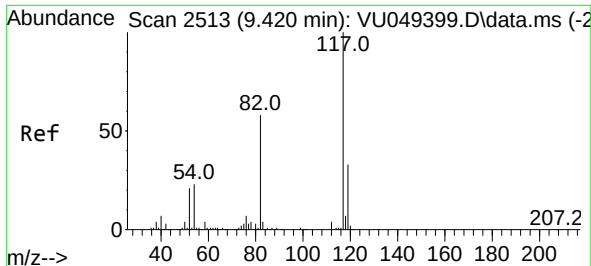
Tgt Ion:107 Resp: 178591
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.756 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 95 Resp: 198198
Ion Ratio Lower Upper
95 100
174 73.1 0.0 182.0
176 70.7 0.0 177.8

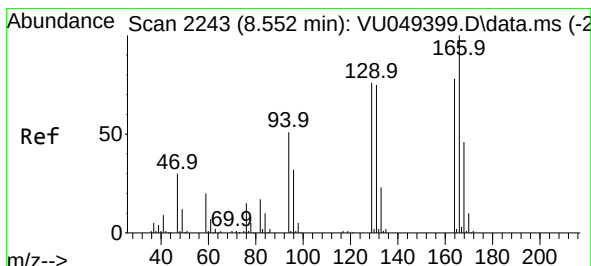
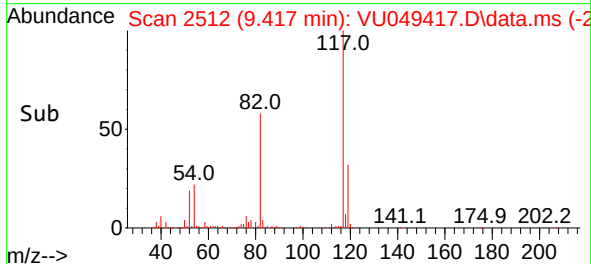
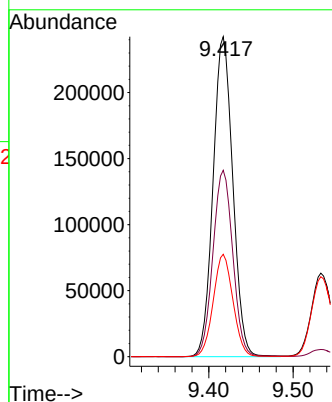
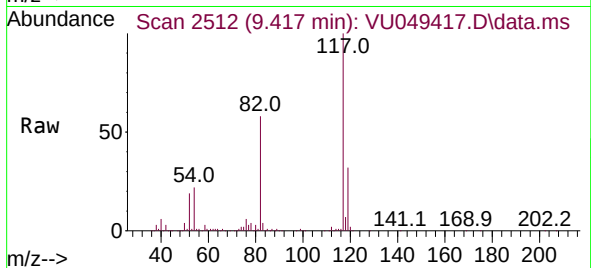




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

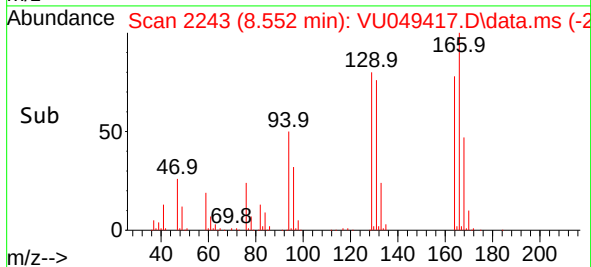
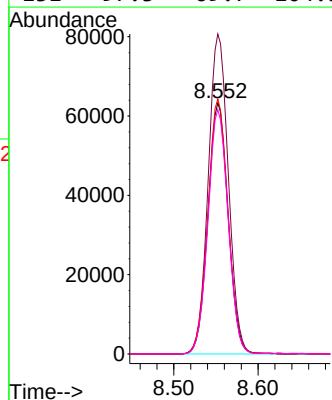
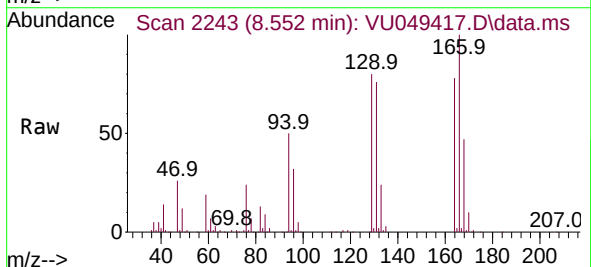
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

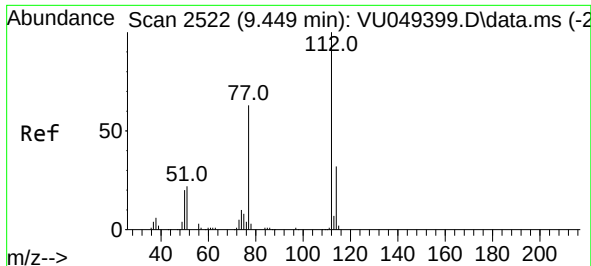
Tgt Ion:117 Resp: 393214
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 42.023 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:164 Resp: 105984
Ion Ratio Lower Upper
164 100
166 127.5 100.0 150.0
129 101.6 72.0 108.0
131 97.3 69.7 104.5

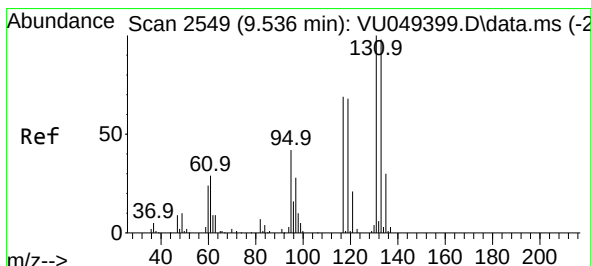
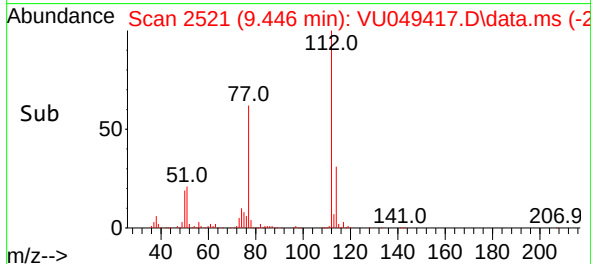
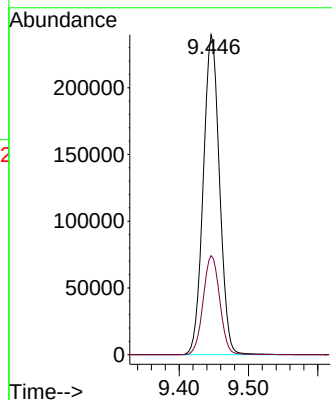
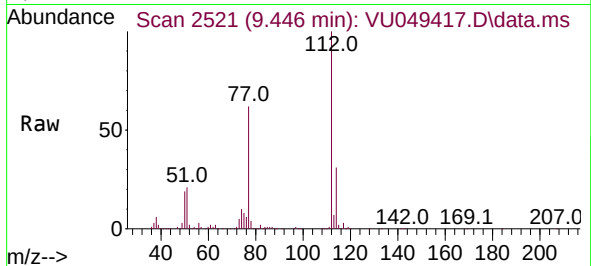




#65
Chlorobenzene
Concen: 48.543 ug/l
RT: 9.446 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

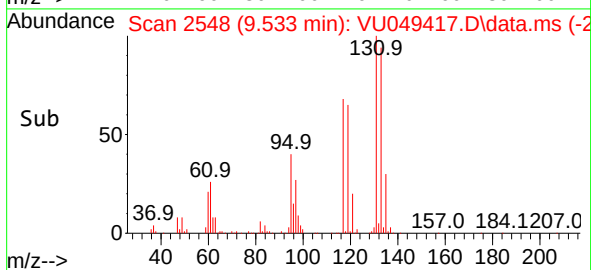
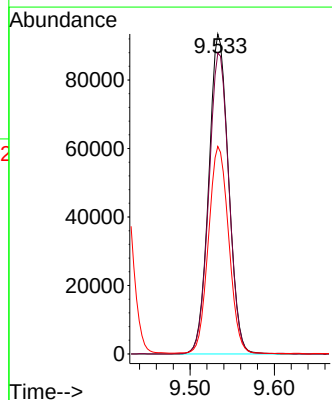
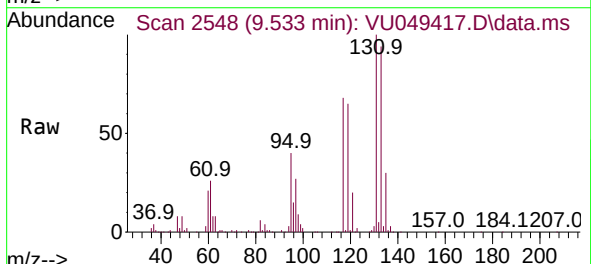
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

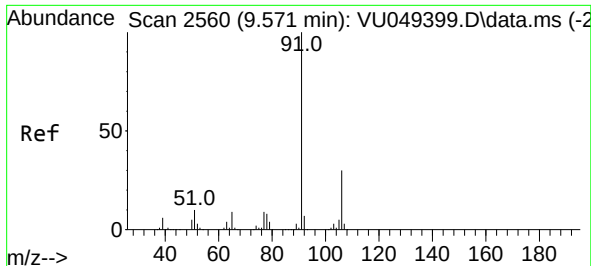
Tgt Ion:112 Resp: 390229
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.455 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:131 Resp: 153006
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 66.3 33.9 101.6

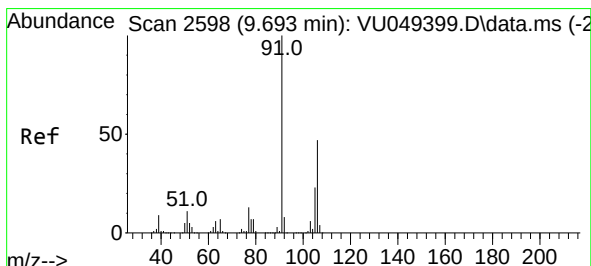
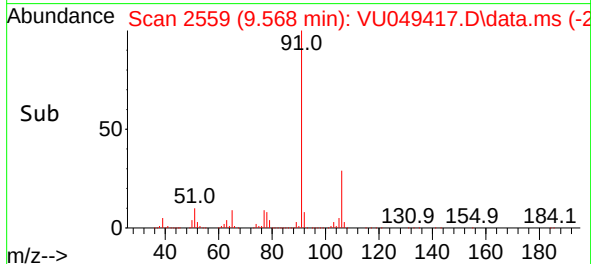
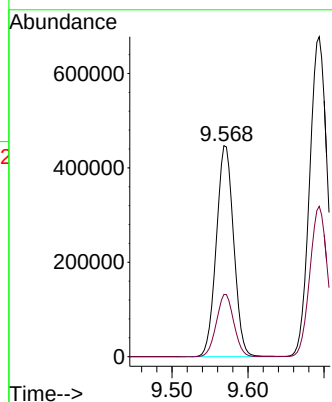
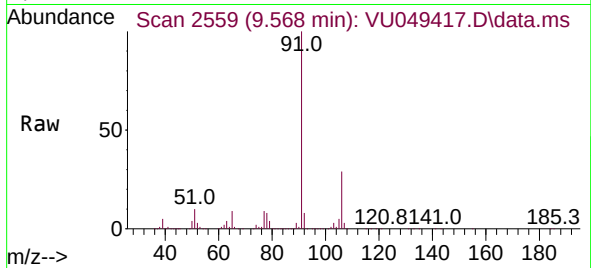




#67
Ethyl Benzene
Concen: 48.052 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

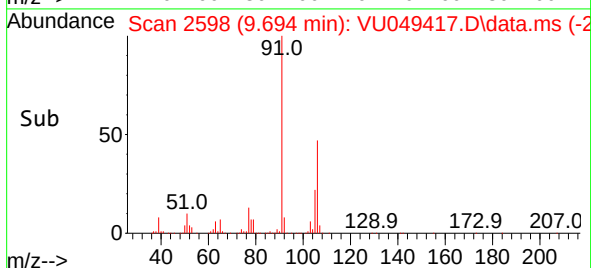
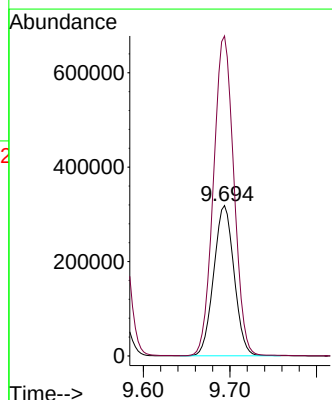
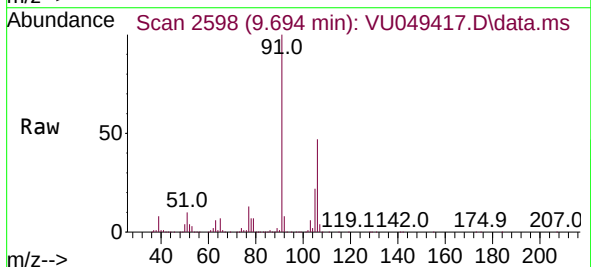
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

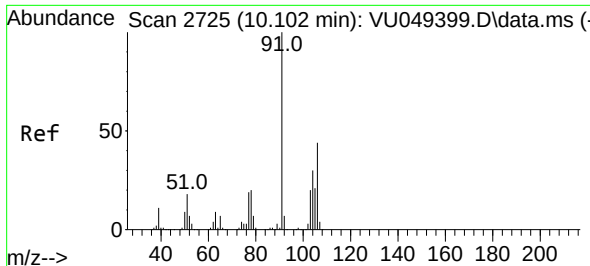
Tgt Ion: 91 Resp: 709146
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4



#68
m/p-Xylenes
Concen: 95.430 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:106 Resp: 521097
Ion Ratio Lower Upper
106 100
91 213.6 157.2 235.8

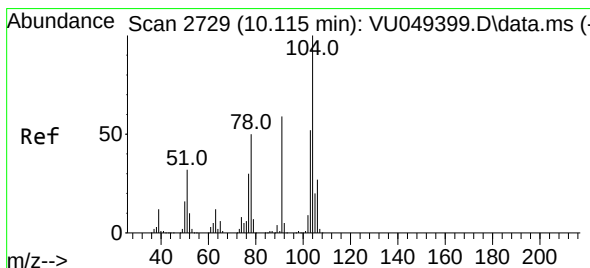
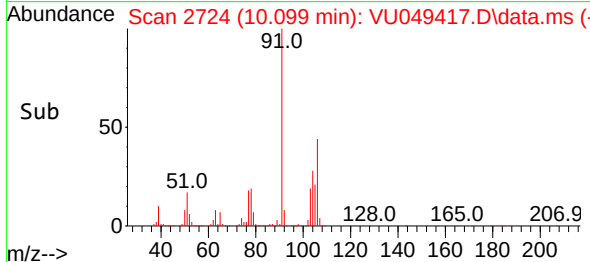
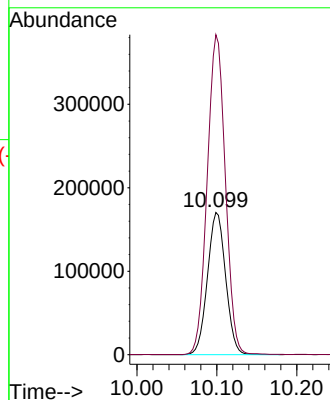
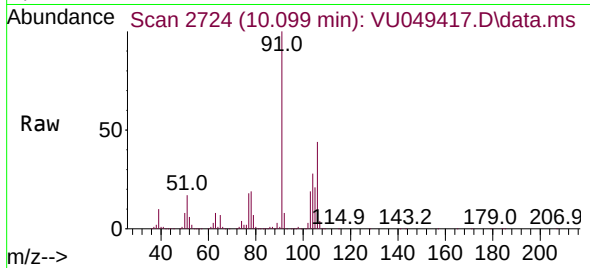




#69
o-Xylene
Concen: 49.709 ug/l
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

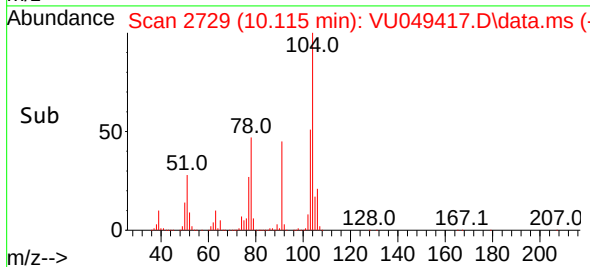
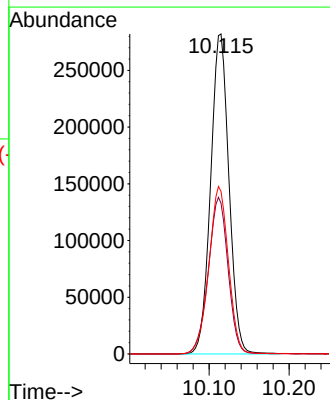
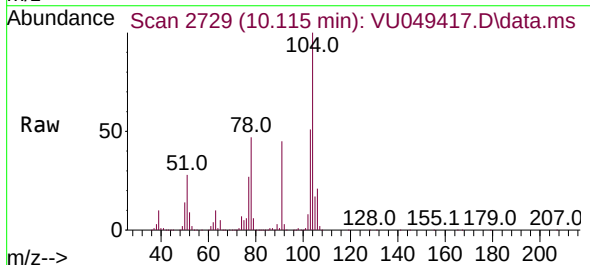
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

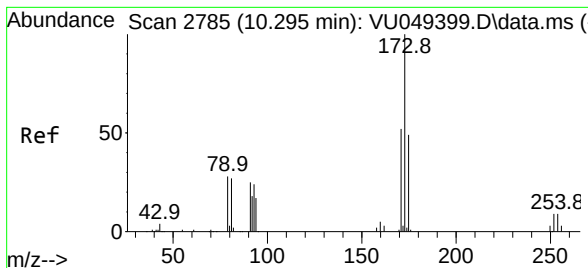
Tgt Ion:106 Resp: 269470
Ion Ratio Lower Upper
106 100
91 224.5 103.5 310.5



#70
Styrene
Concen: 51.670 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:104 Resp: 450054
Ion Ratio Lower Upper
104 100
78 52.8 38.0 57.0
103 55.8 43.9 65.9





#71

Bromoform

Concen: 51.136 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

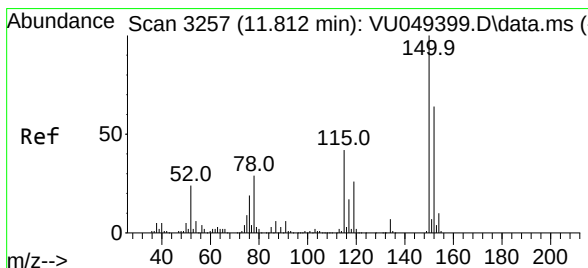
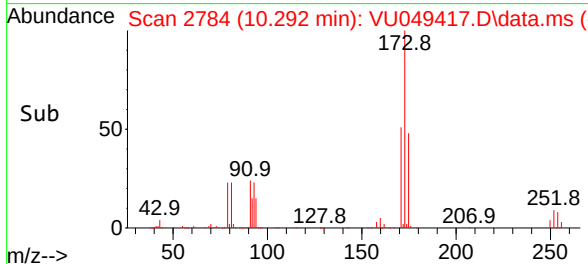
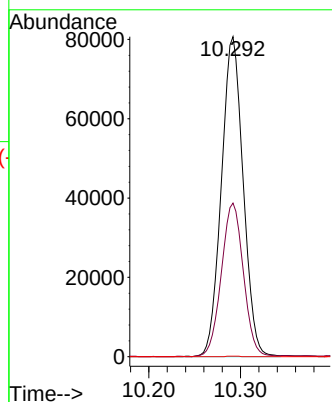
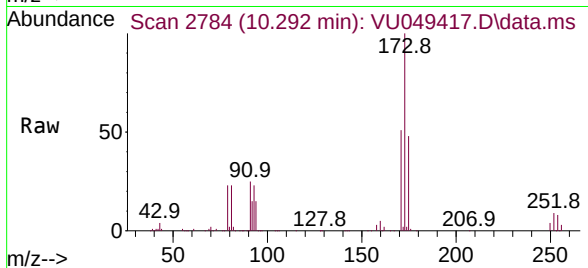
Tgt Ion:173 Resp: 132999

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.813 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

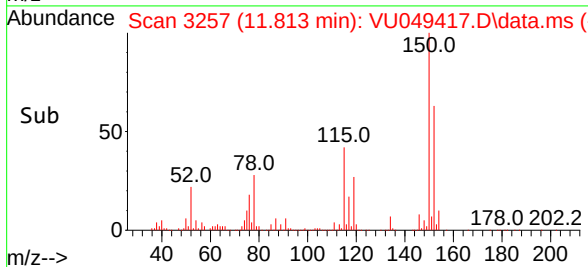
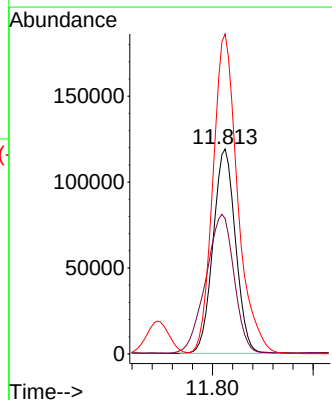
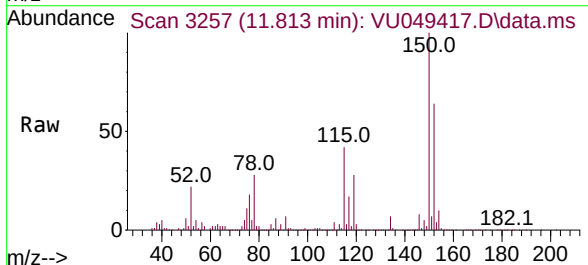
Tgt Ion:152 Resp: 184070

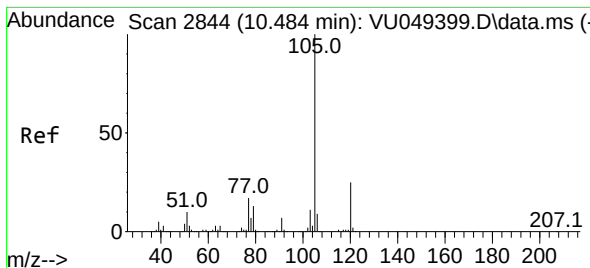
Ion Ratio Lower Upper

152 100

115 85.5 37.0 110.9

150 172.6 0.0 342.2





#73

Isopropylbenzene

Concen: 50.216 ug/l

RT: 10.485 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

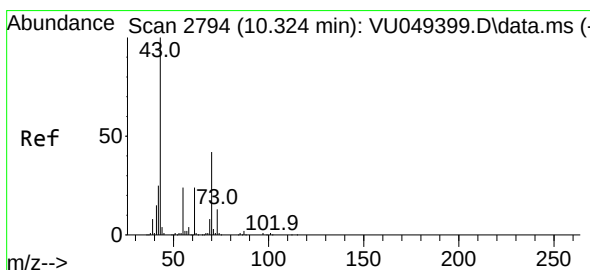
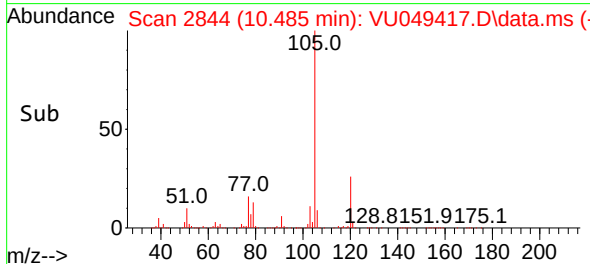
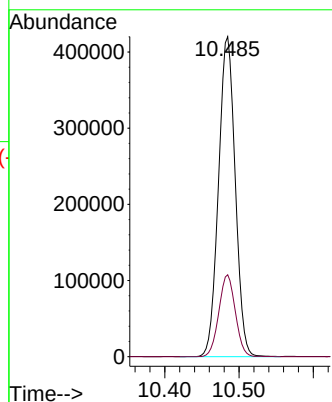
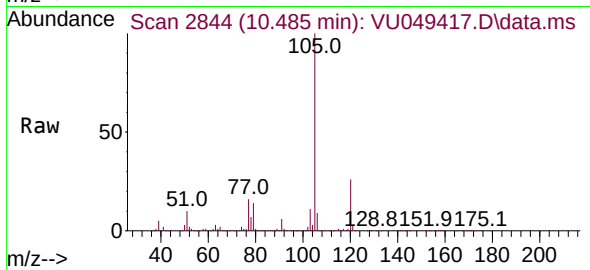
VSTDCCC050EC

Tgt Ion:105 Resp: 658454

Ion Ratio Lower Upper

105 100

120 25.2 13.8 41.4



#74

N-ethyl acetate

Concen: 54.416 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Tgt Ion: 43 Resp: 377643

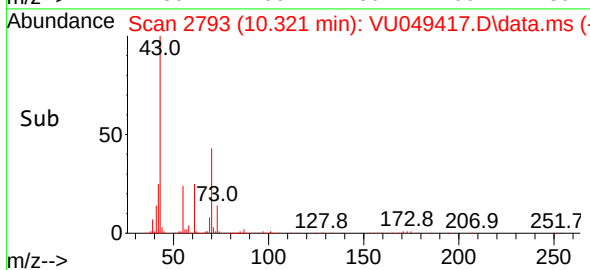
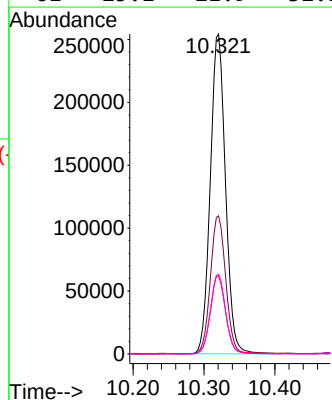
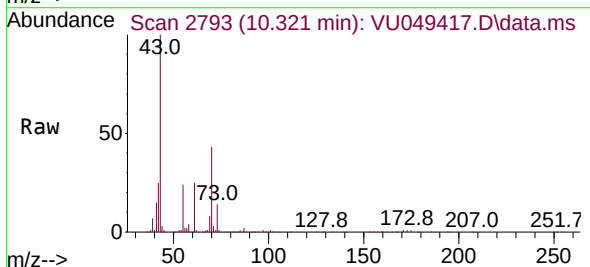
Ion Ratio Lower Upper

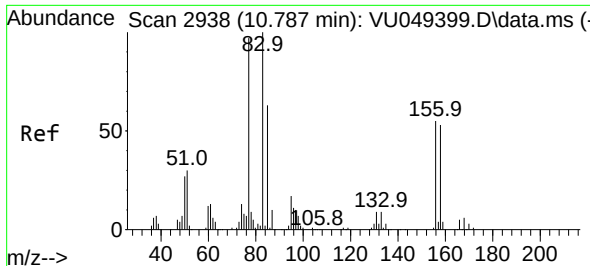
43 100

70 44.0 38.7 58.1

55 24.3 21.8 32.8

61 25.1 21.9 32.9

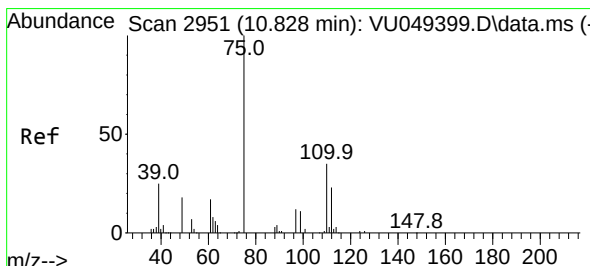
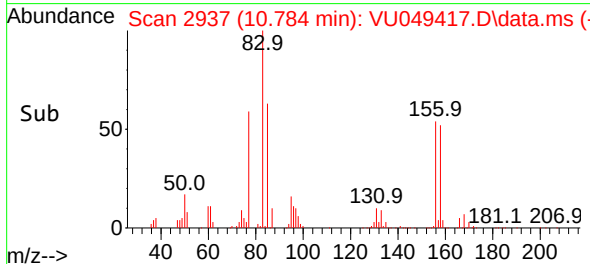
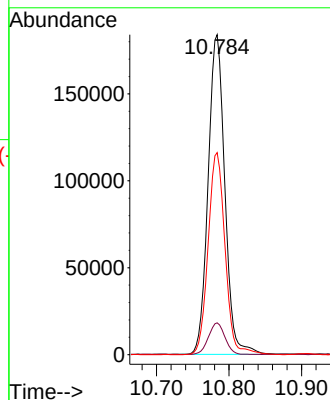
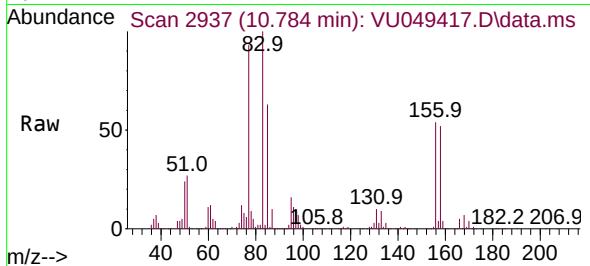




#75
1,1,2,2-Tetrachloroethane
Concen: 53.046 ug/l
RT: 10.784 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

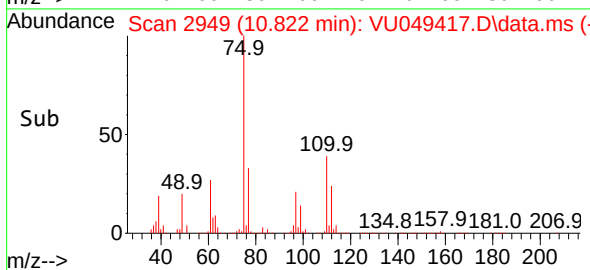
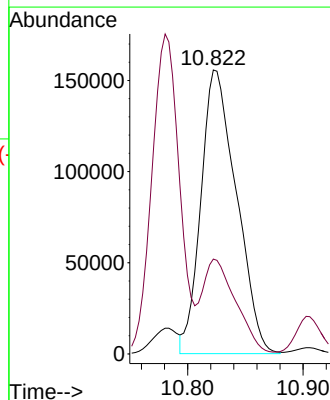
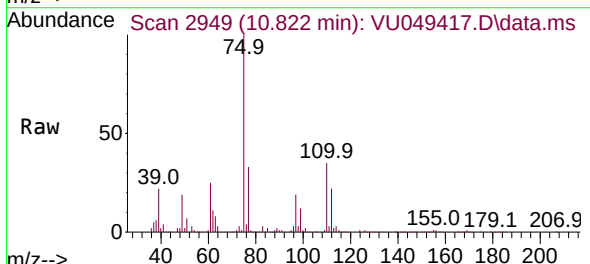
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

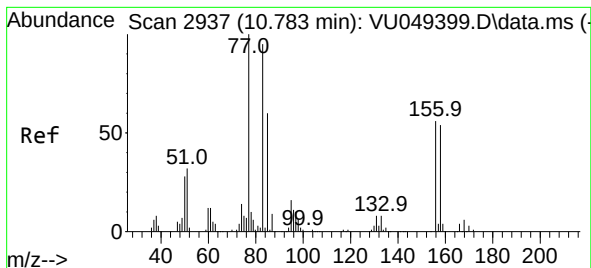
Tgt Ion: 83 Resp: 294639
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 64.2 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 53.233 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 75 Resp: 332161
Ion Ratio Lower Upper
75 100
77 31.3 15.8 47.3





#77

Bromobenzene

Concen: 51.388 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049417.D

Acq: 27 Jun 2022 20:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

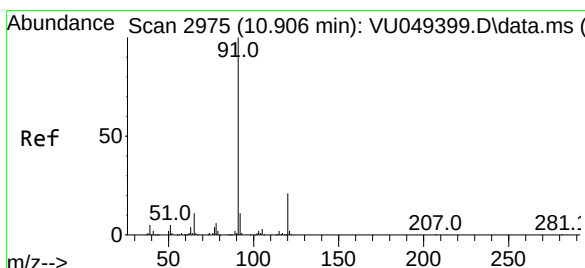
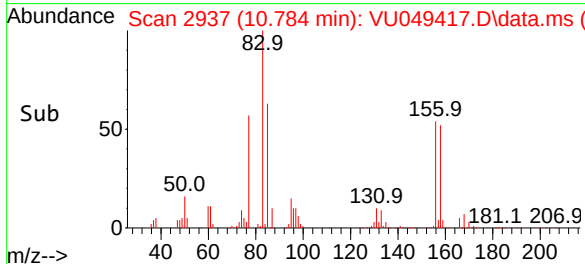
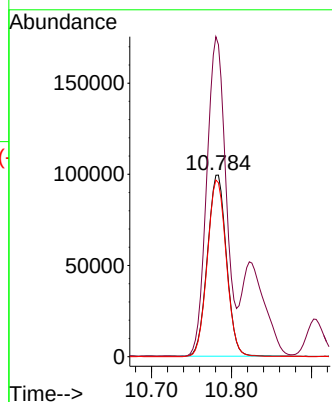
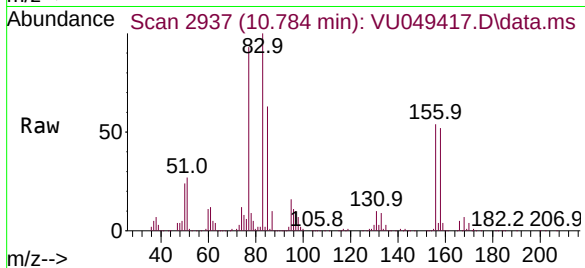
Tgt Ion:156 Resp: 164475

Ion Ratio Lower Upper

156 100

77 177.3 71.9 215.6

158 97.9 48.9 146.8



#78

n-propylbenzene

Concen: 48.384 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU049417.D

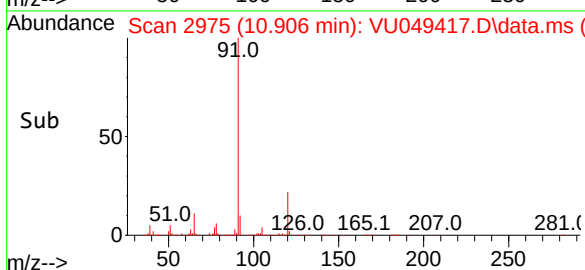
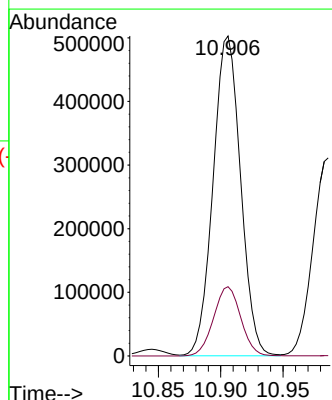
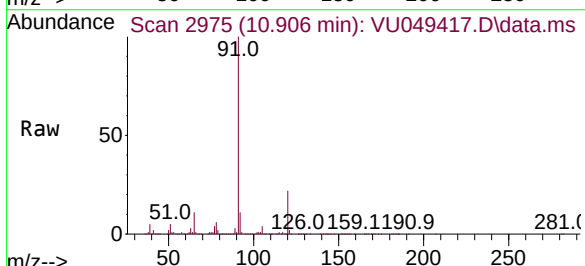
Acq: 27 Jun 2022 20:39

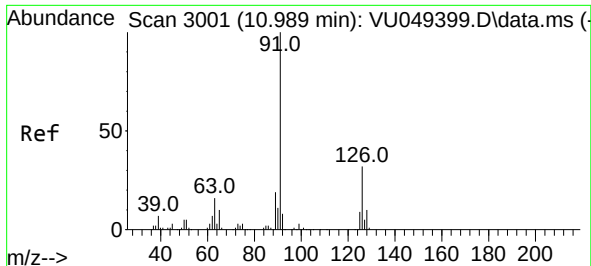
Tgt Ion: 91 Resp: 770905

Ion Ratio Lower Upper

91 100

120 21.5 11.9 35.5

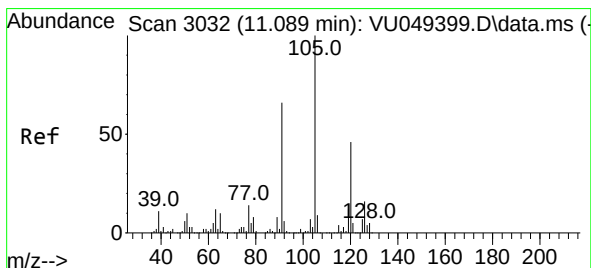
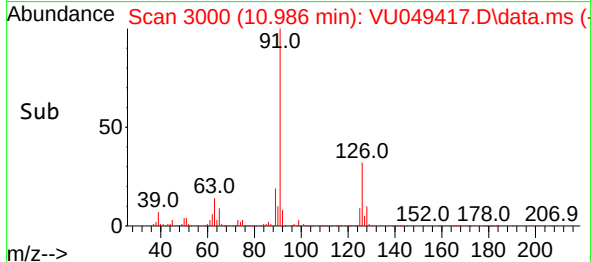
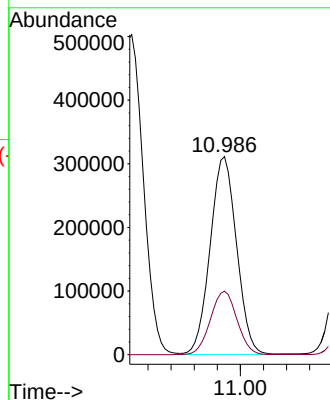
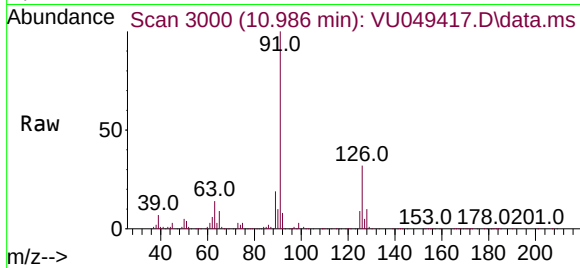




#79
2-Chlorotoluene
Concen: 50.330 ug/l
RT: 10.986 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

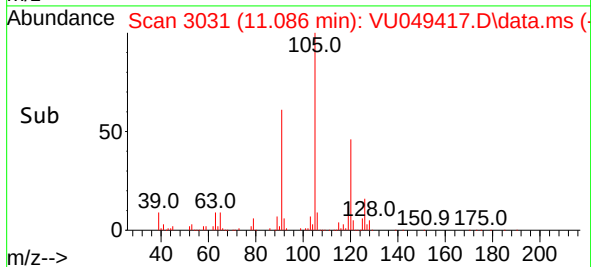
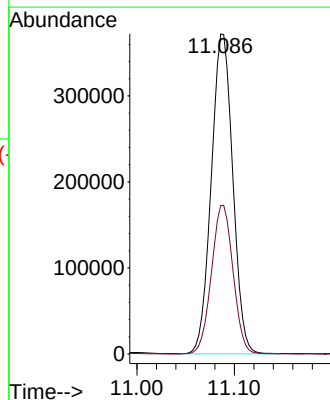
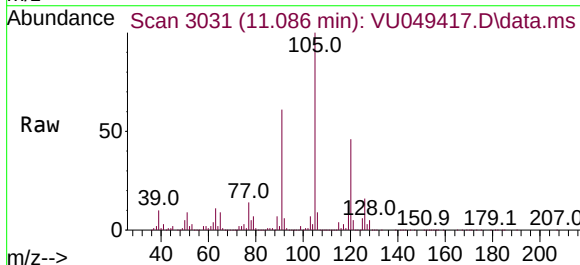
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

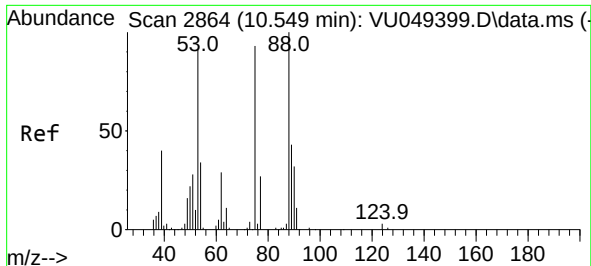
Tgt Ion: 91 Resp: 494063
Ion Ratio Lower Upper
91 100
126 32.3 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 49.696 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 105 Resp: 568884
Ion Ratio Lower Upper
105 100
120 46.8 25.3 75.9

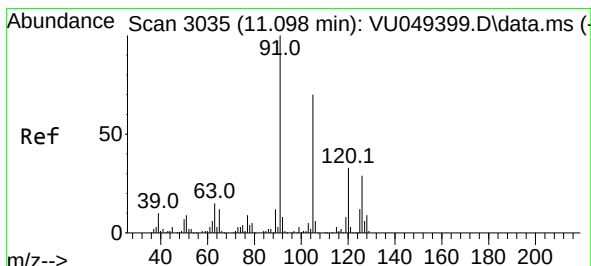
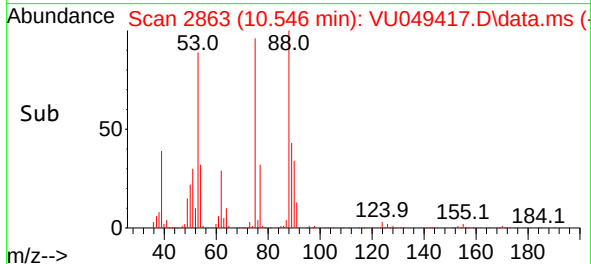
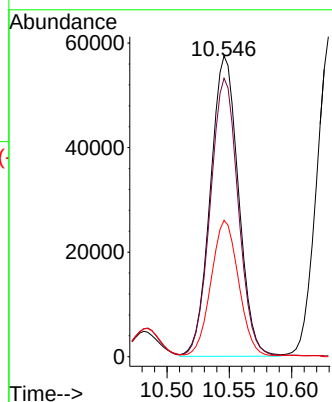
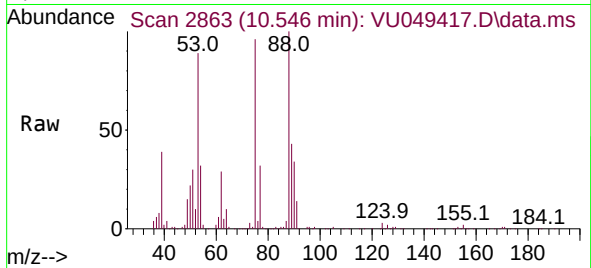




#81
trans-1,4-Dichloro-2-butene
Concen: 53.415 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

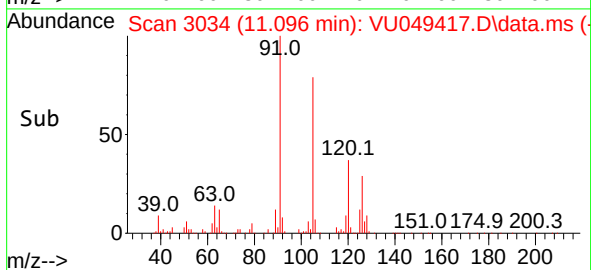
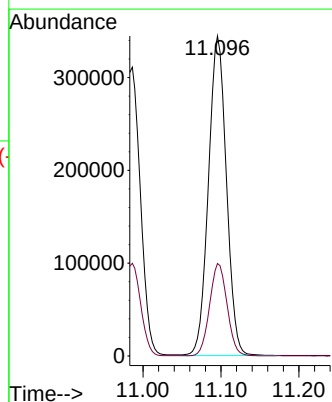
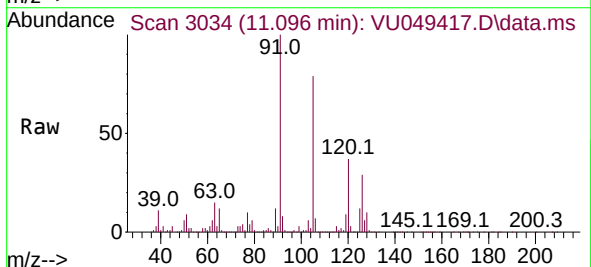
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

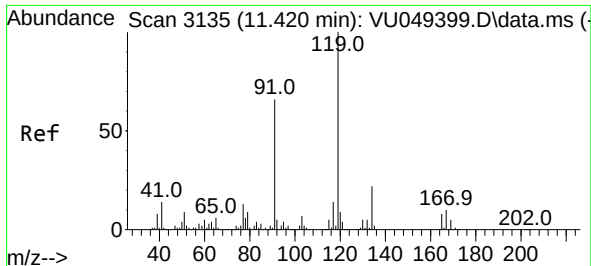
Tgt Ion: 75 Resp: 90255
Ion Ratio Lower Upper
75 100
53 91.3 69.2 103.8
89 43.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.019 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 91 Resp: 552228
Ion Ratio Lower Upper
91 100
126 28.0 16.1 48.2

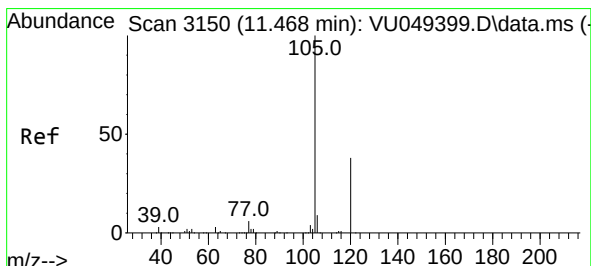
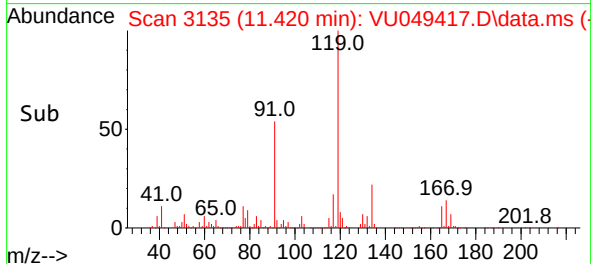
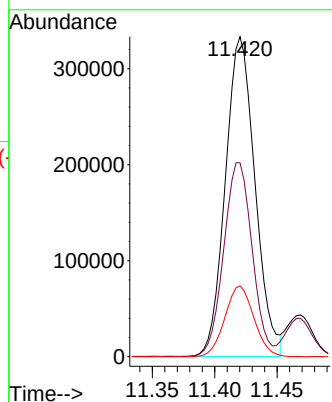
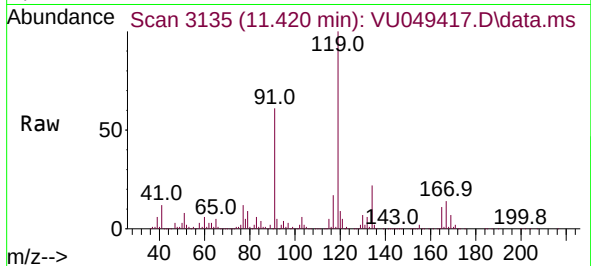




#83
 tert-Butylbenzene
 Concen: 49.090 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

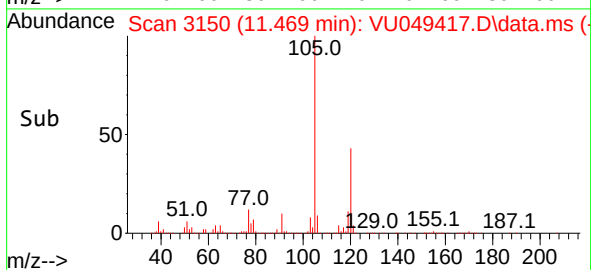
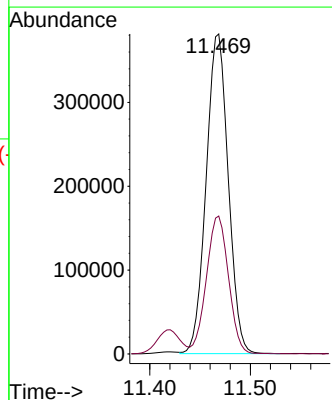
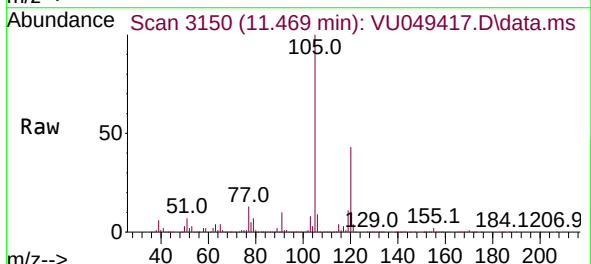
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

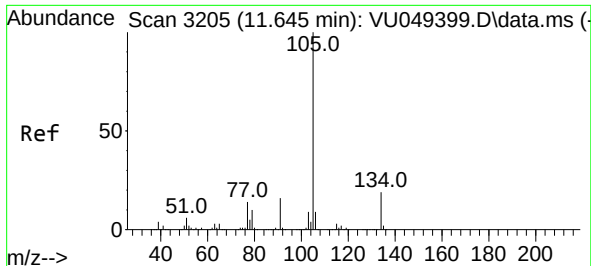
Tgt Ion:119 Resp: 552721
 Ion Ratio Lower Upper
 119 100
 91 57.9 26.8 80.3
 134 21.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.717 ug/l
 RT: 11.469 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

Tgt Ion:105 Resp: 581606
 Ion Ratio Lower Upper
 105 100
 120 43.2 23.4 70.3

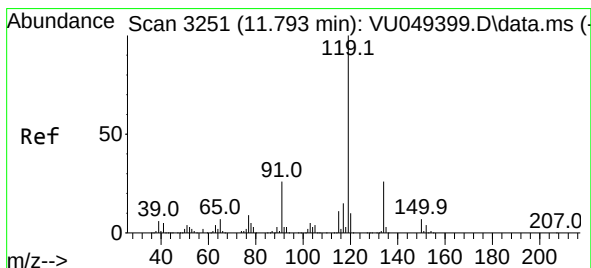
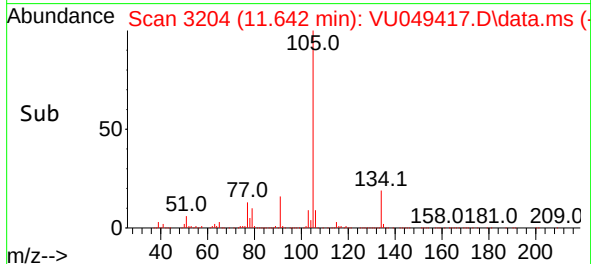
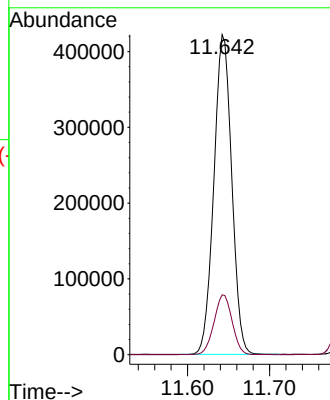
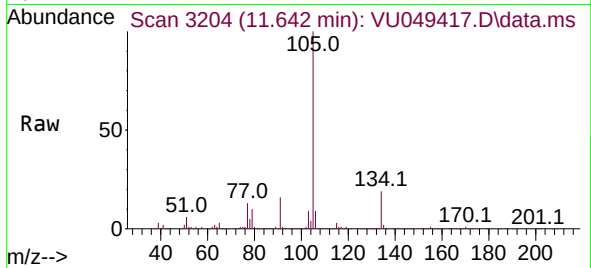




#85
 sec-Butylbenzene
 Concen: 45.106 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

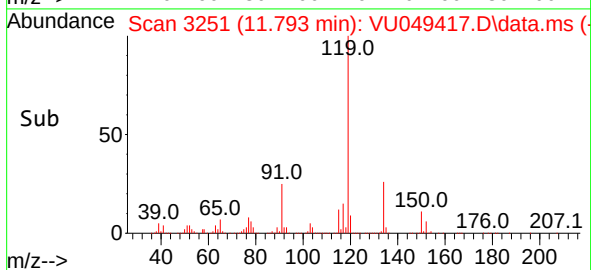
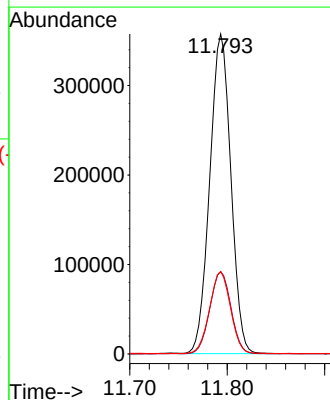
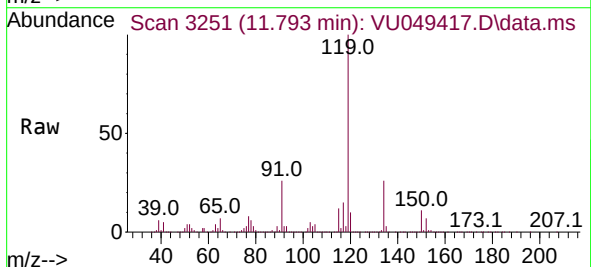
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

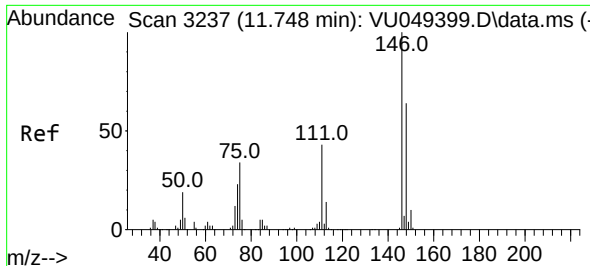
Tgt Ion:105 Resp: 638521
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 46.882 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049417.D
 Acq: 27 Jun 2022 20:39

Tgt Ion:119 Resp: 536703
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 25.4 11.2 33.5

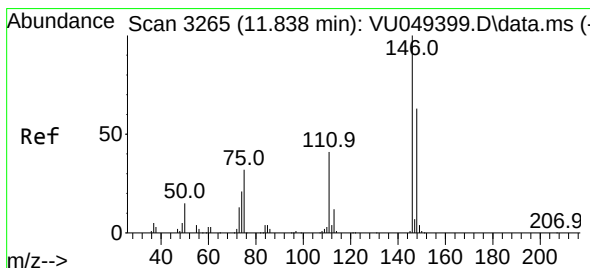
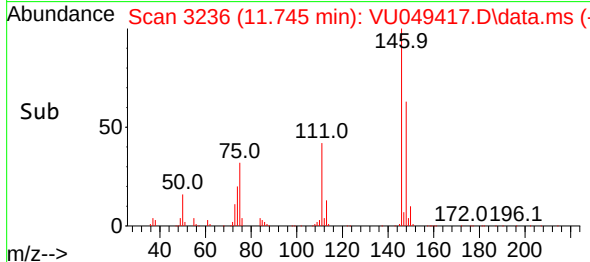
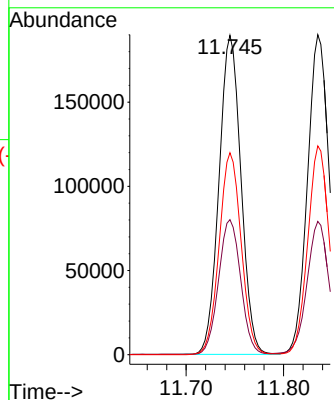
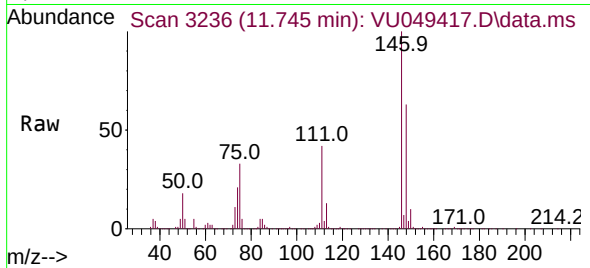




#87
1,3-Dichlorobenzene
Concen: 48.459 ug/l
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

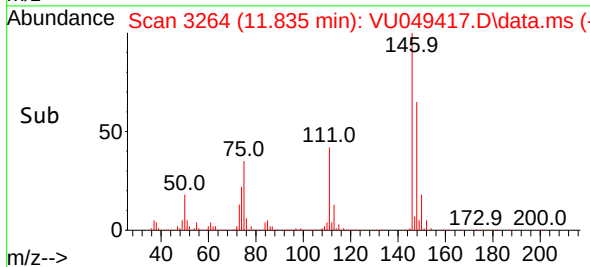
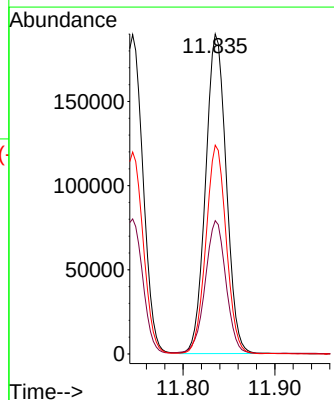
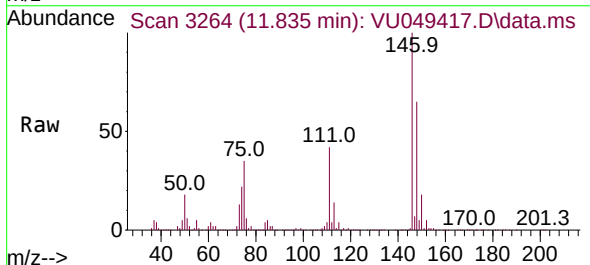
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

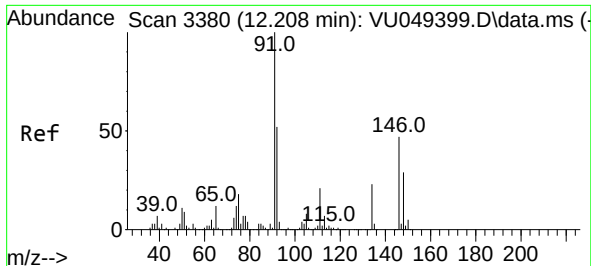
Tgt Ion:146 Resp: 296525
Ion Ratio Lower Upper
146 100
111 42.4 18.9 56.5
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 48.215 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:146 Resp: 296533
Ion Ratio Lower Upper
146 100
111 41.9 18.5 55.5
148 64.3 31.9 95.7

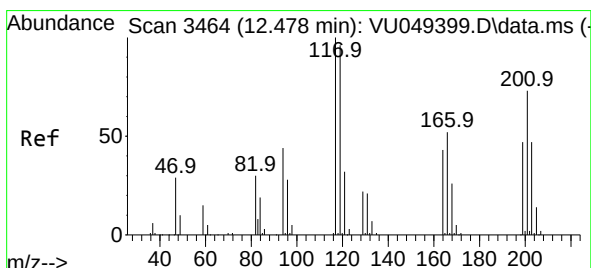
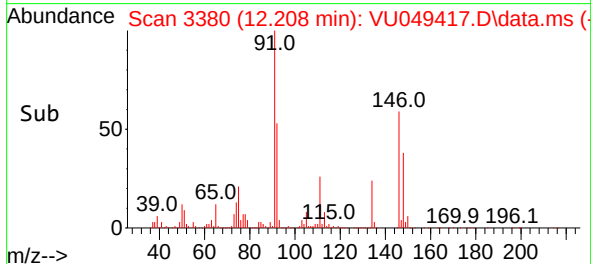
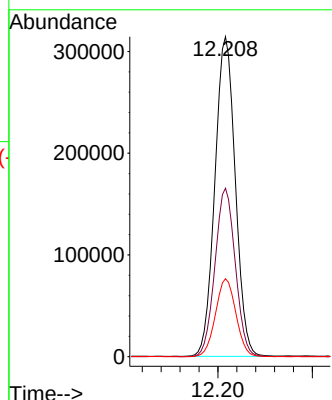
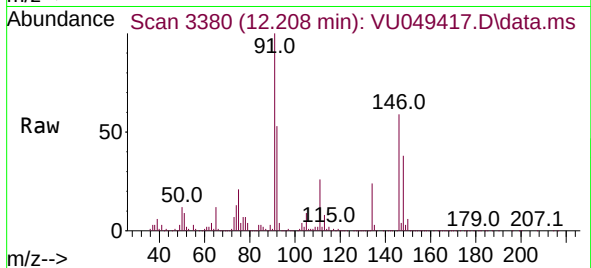




#89
n-Butylbenzene
Concen: 44.397 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

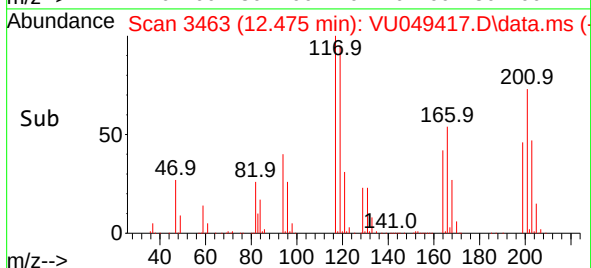
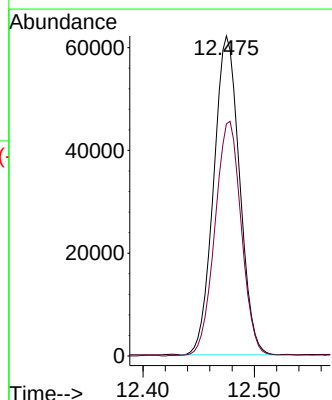
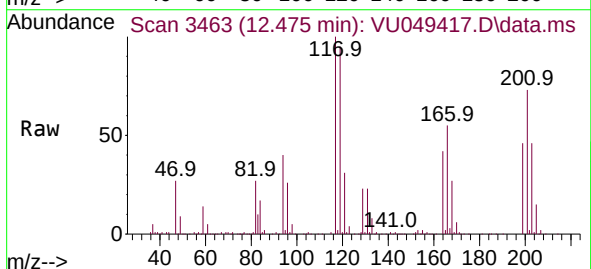
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

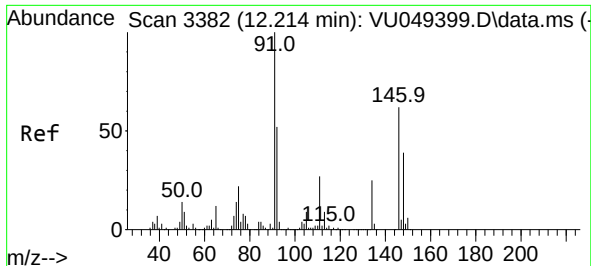
Tgt Ion: 91 Resp: 470495
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 24.4 13.5 40.4



#90
Hexachloroethane
Concen: 43.853 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:117 Resp: 99993
Ion Ratio Lower Upper
117 100
201 75.4 44.6 134.0

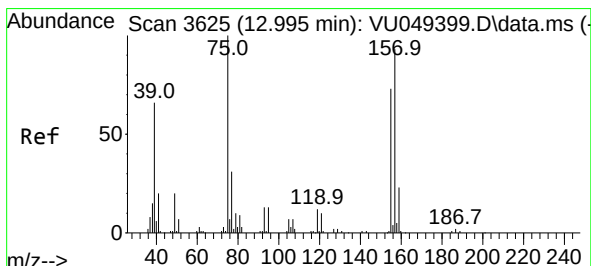
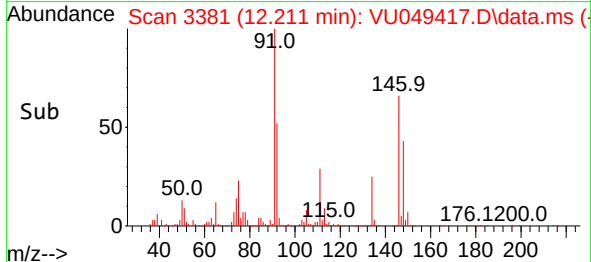
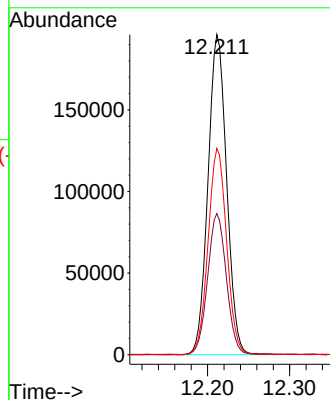
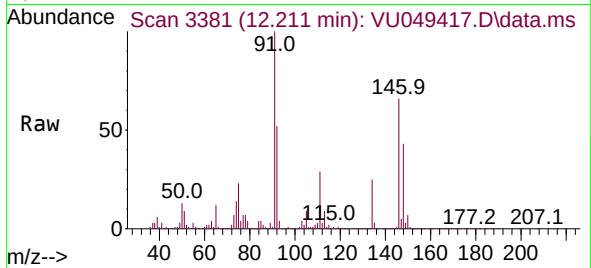




#91
1,2-Dichlorobenzene
Concen: 50.308 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

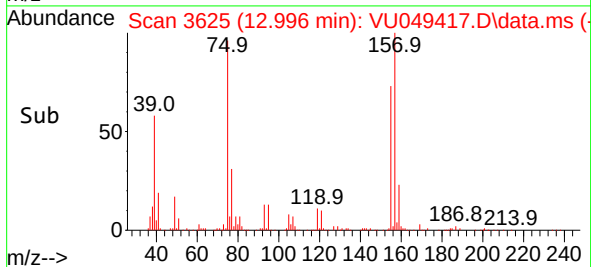
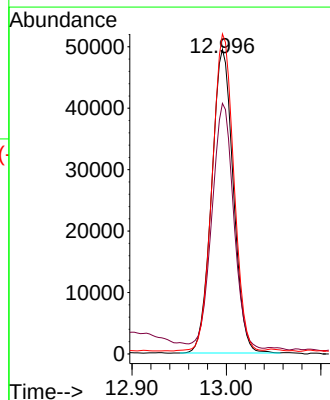
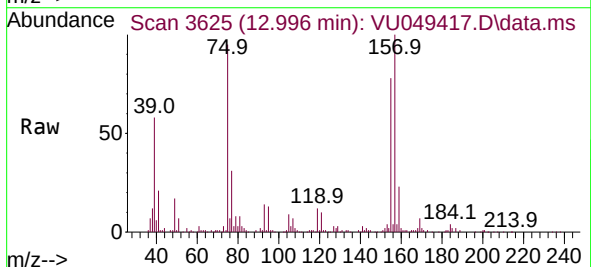
Instrument :
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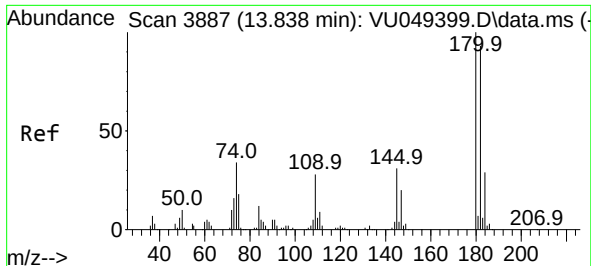
Tgt Ion:146 Resp: 309307
Ion Ratio Lower Upper
146 100
111 44.2 19.9 59.6
148 64.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.308 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion: 75 Resp: 78772
Ion Ratio Lower Upper
75 100
155 80.5 47.8 143.4
157 103.6 62.2 186.5

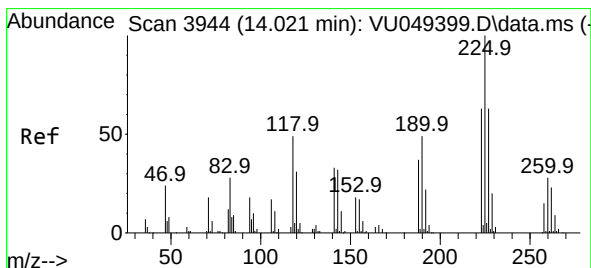
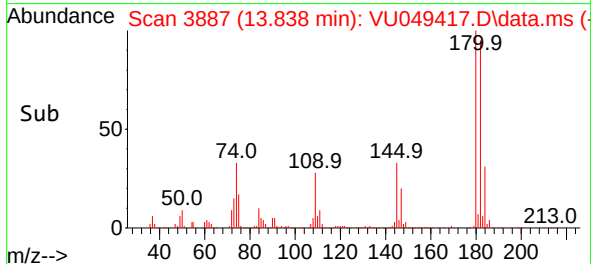
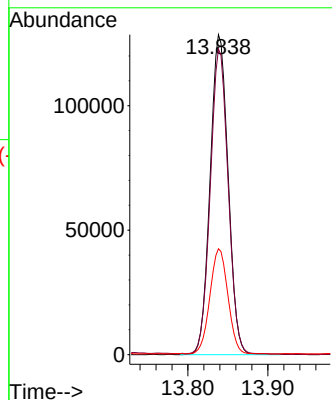
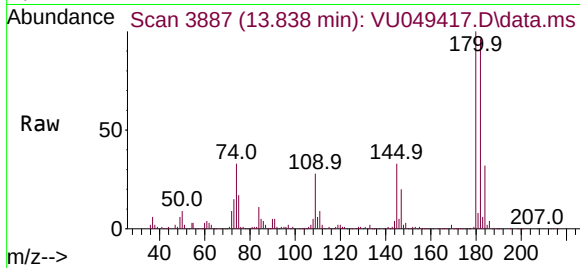




#93
1,2,4-Trichlorobenzene
Concen: 48.755 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

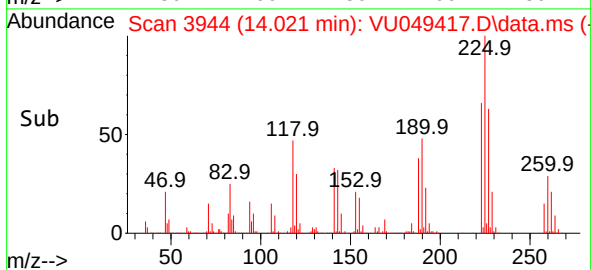
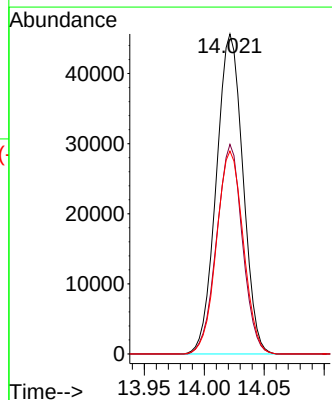
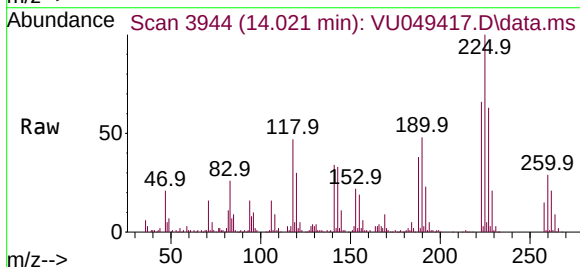
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ClientSampleId :
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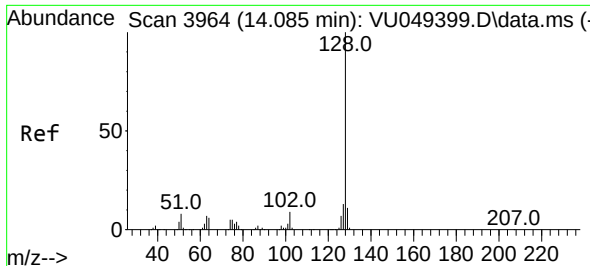
Tgt Ion:180 Resp: 200982
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 32.8 14.0 41.9



#94
Hexachlorobutadiene
Concen: 36.876 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:225 Resp: 70331
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.9
227 63.8 32.0 96.2

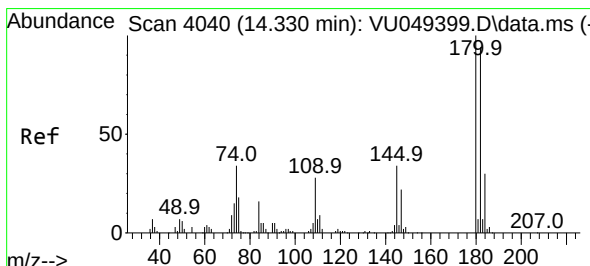
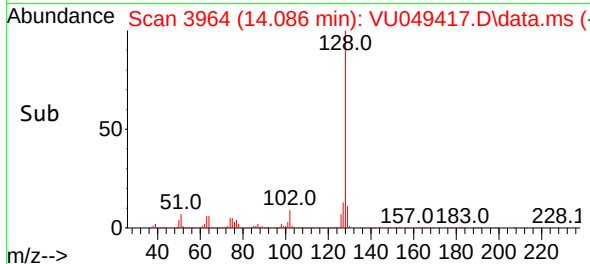
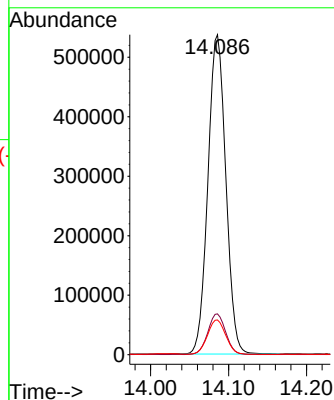
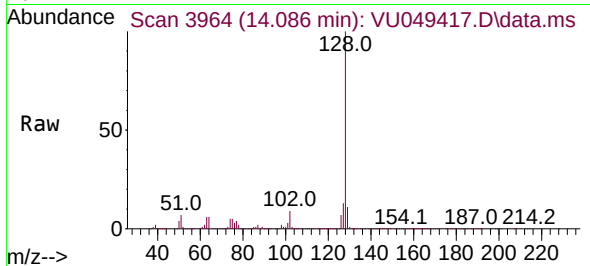




#95
Naphthalene
Concen: 59.195 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 857817
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.244 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049417.D
Acq: 27 Jun 2022 20:39

Tgt Ion:180 Resp: 213155
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.0
145 34.1 14.8 44.4

