

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049527.D
 Acq On : 29 Jun 2022 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 00:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	219999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	383632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	351628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	170351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	162878	48.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.286	113	128586	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	7.896	98	458751	47.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.840%		
62) 4-Bromofluorobenzene	10.633	95	173926	47.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	156031	44.136	ug/l	98
3) Chloromethane	1.520	50	188814	43.575	ug/l	98
4) Vinyl Chloride	1.601	62	163787	46.018	ug/l	99
5) Bromomethane	1.845	94	58172	52.563	ug/l	97
6) Chloroethane	1.919	64	93498	56.679	ug/l	98
7) Trichlorofluoromethane	2.128	101	200417	44.183	ug/l	99
8) Diethyl Ether	2.372	74	84341	51.474	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.575	101	120196	49.250	ug/l	96
10) Methyl Iodide	2.717	142	158835	63.787	ug/l	96
11) Tert butyl alcohol	3.189	59	267258	337.011	ug/l #	47
12) 1,1-Dichloroethene	2.575	96	117338	49.106	ug/l	91
13) Acrolein	2.485	56	71885	133.853	ug/l	100
14) Allyl chloride	2.919	41	242766	50.271	ug/l #	86
15) Acrylonitrile	3.311	53	531288	278.559	ug/l	99
16) Acetone	2.626	43	437959	256.325	ug/l	99
17) Carbon Disulfide	2.787	76	324472	43.543	ug/l	100
18) Methyl Acetate	2.948	43	253700	54.851	ug/l	91
19) Methyl tert-butyl Ether	3.363	73	475908	53.551	ug/l	97
20) Methylene Chloride	3.041	84	155012	54.568	ug/l	89
21) trans-1,2-Dichloroethene	3.347	96	129291	50.194	ug/l	92
22) Diisopropyl ether	3.990	45	483382	52.426	ug/l #	75
23) Vinyl Acetate	3.951	43	213877	264.653	ug/l	95
24) 1,1-Dichloroethane	3.864	63	269318	50.851	ug/l	98
25) 2-Butanone	4.700	43	726112	283.571	ug/l	95
26) 2,2-Dichloropropane	4.662	77	178686	40.537	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	158357	53.209	ug/l	92
28) Bromochloromethane	4.970	49	117685	50.836	ug/l #	76
29) Tetrahydrofuran	5.048	42	483494	275.245	ug/l	88
30) Chloroform	5.086	83	263374	50.272	ug/l	99
31) Cyclohexane	5.385	56	229902	45.191	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	220667	48.545	ug/l	99
36) 1,1-Dichloropropene	5.523	75	183187	47.071	ug/l	98
37) Ethyl Acetate	4.800	43	272747	51.288	ug/l #	95
38) Carbon Tetrachloride	5.523	117	186930	45.800	ug/l	99
39) Methylcyclohexane	6.761	83	218151	46.765	ug/l	93
40) Benzene	5.771	78	581445	49.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	142628	53.525	ug/l	88
42) 1,2-Dichloroethane	5.790	62	210082	48.040	ug/l	100
43) Isopropyl Acetate	5.909	43	400200	51.359	ug/l	96
44) Trichloroethene	6.540	130	140580	50.330	ug/l	91
45) 1,2-Dichloropropane	6.790	63	162380	49.875	ug/l	98
46) Dibromomethane	6.916	93	109604	50.494	ug/l	91
47) Bromodichloromethane	7.105	83	205251	49.128	ug/l	99
48) Methyl methacrylate	6.957	41	191759	52.511	ug/l	88
49) 1,4-Dioxane	6.980	88	109603	1171.516	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1346888	258.272	ug/l	96
52) Toluene	7.967	92	351368	50.313	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	220508	49.204	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	243742	50.938	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	150327	52.063	ug/l	98
56) Ethyl methacrylate	8.334	69	258086	53.442	ug/l	92
57) 1,3-Dichloropropane	8.575	76	257313	50.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	151595	394.572	ug/l	94
59) 2-Hexanone	8.684	43	1059773	258.417	ug/l	95
60) Dibromochloromethane	8.810	129	154438	51.435	ug/l	99
61) 1,2-Dibromoethane	8.922	107	159549	50.706	ug/l	99
64) Tetrachloroethene	8.552	164	109929	48.742	ug/l	93
65) Chlorobenzene	9.446	112	362284	50.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	139929	51.600	ug/l	97
67) Ethyl Benzene	9.568	91	666386	50.495	ug/l	96
68) m/p-Xylenes	9.694	106	500084	102.413	ug/l	91
69) o-Xylene	10.099	106	250668	51.710	ug/l	91
70) Styrene	10.112	104	412780	52.995	ug/l	96
71) Bromoform	10.289	173	120129	51.650	ug/l #	99
73) Isopropylbenzene	10.485	105	636444	52.446	ug/l	96
74) N-amyl acetate	10.321	43	337783	52.592	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.781	83	267646	52.067	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	296151	51.284	ug/l	99
77) Bromobenzene	10.781	156	155398	52.462	ug/l	86
78) n-propylbenzene	10.906	91	746032	50.594	ug/l	96
79) 2-Chlorotoluene	10.983	91	456958	50.299	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	542151	51.175	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.546	75	75946	48.567	ug/l	94
82) 4-Chlorotoluene	11.096	91	521149	51.005	ug/l	93
83) tert-Butylbenzene	11.420	119	534431	51.288	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	547892	52.643	ug/l	94
85) sec-Butylbenzene	11.642	105	649530	49.579	ug/l	97
86) p-Isopropyltoluene	11.793	119	534550	50.454	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	282220	49.836	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	278570	48.942	ug/l	96
89) n-Butylbenzene	12.208	91	462980	47.207	ug/l	98
90) Hexachloroethane	12.475	117	95231	45.128	ug/l	88
91) 1,2-Dichlorobenzene	12.211	146	292308	51.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	68951	52.311	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	189502	49.639	ug/l	98
94) Hexachlorobutadiene	14.022	225	74282	42.085	ug/l	98
95) Naphthalene	14.083	128	707640	52.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	196149	49.966	ug/l	98

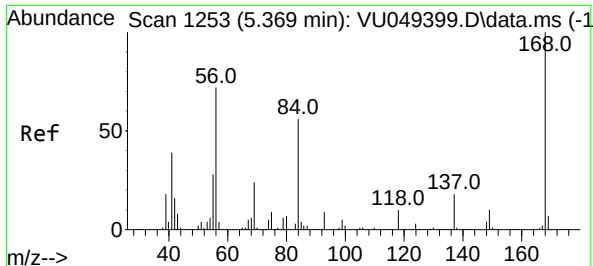
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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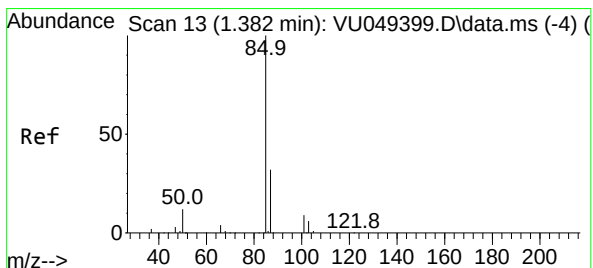
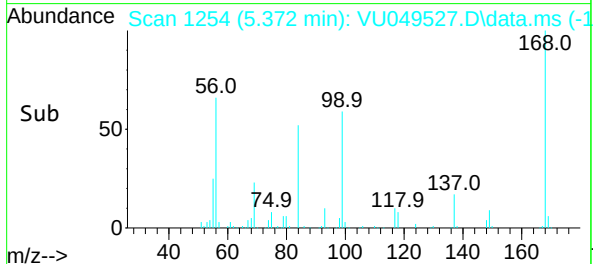
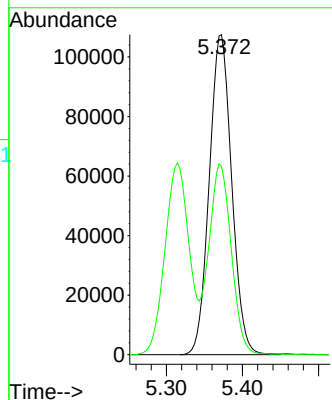
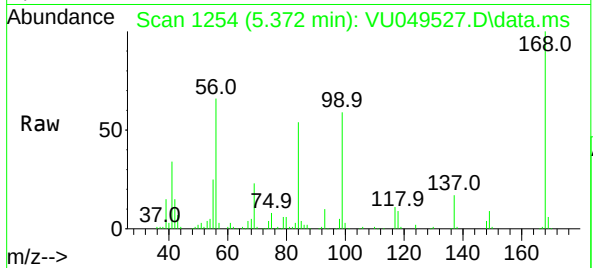
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
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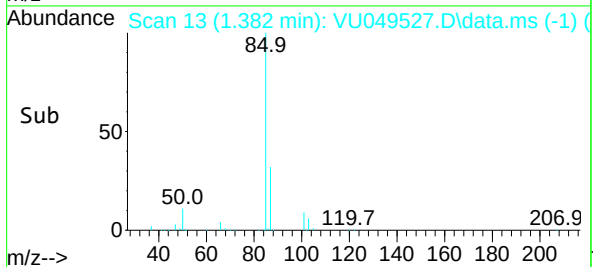
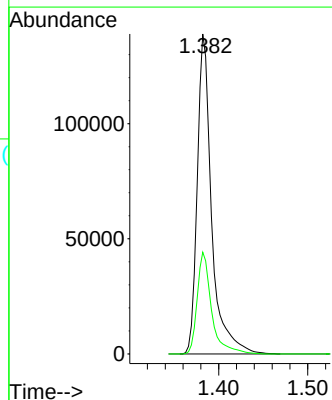
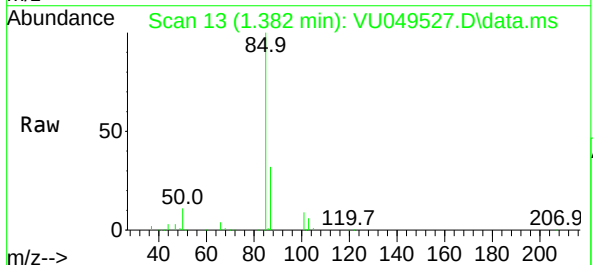
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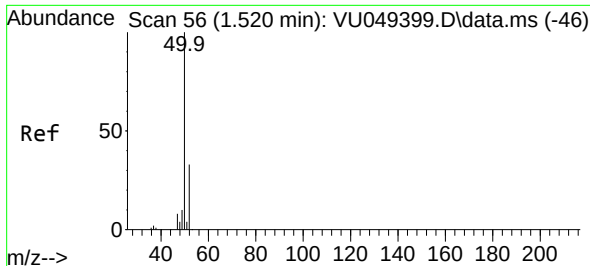
Tgt Ion:168 Resp: 219999
Ion Ratio Lower Upper
168 100
99 58.7 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 44.136 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

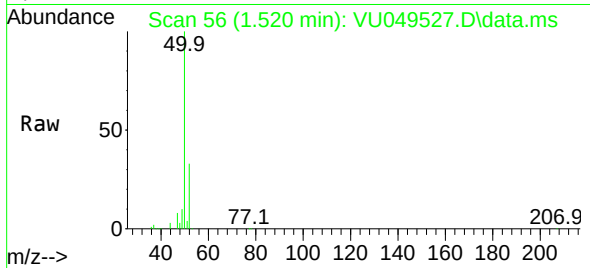
Tgt Ion: 85 Resp: 156031
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2



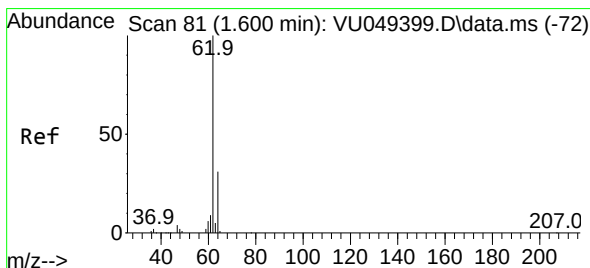
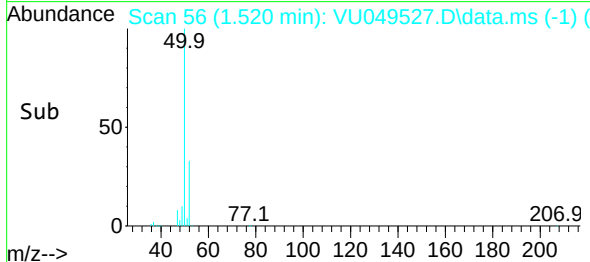
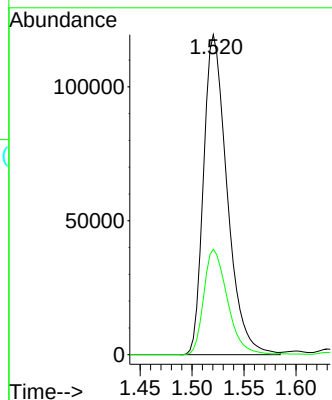


#3
Chloromethane
Concen: 43.575 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049527.D
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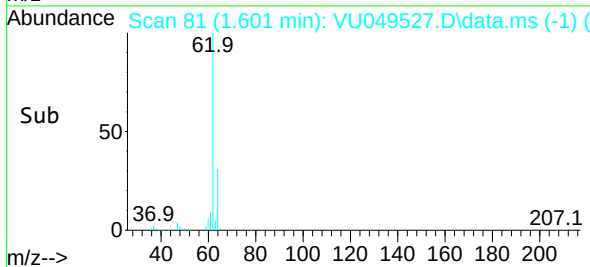
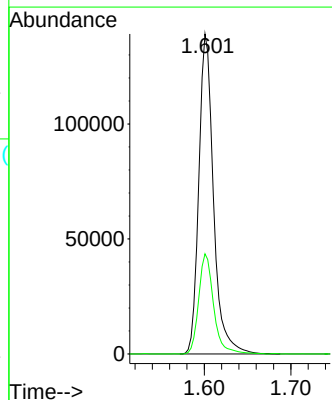
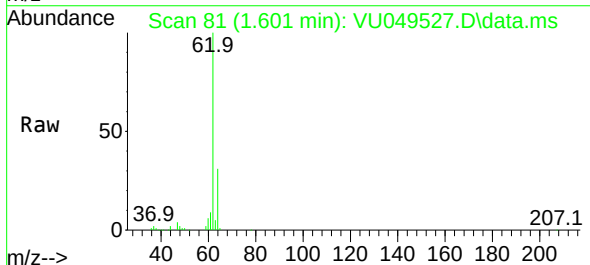


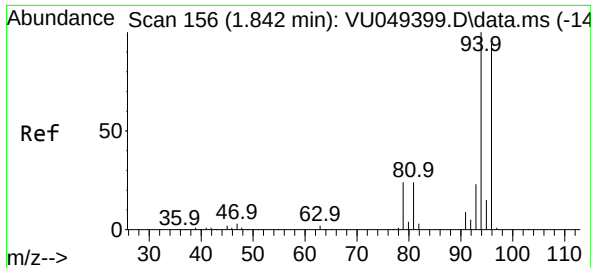
Tgt Ion: 50 Resp: 188814
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.2



#4
Vinyl Chloride
Concen: 46.018 ug/l
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 62 Resp: 163787
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

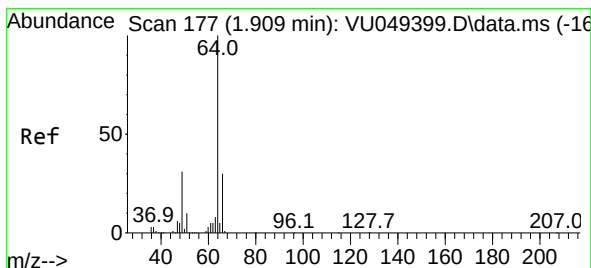
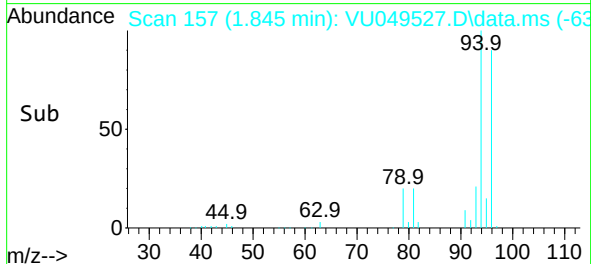
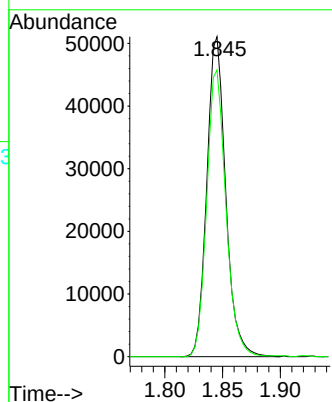
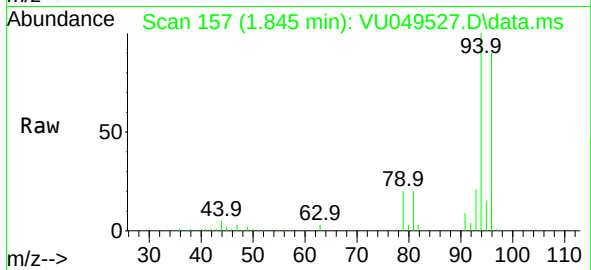




#5
Bromomethane
Concen: 52.563 ug/l
RT: 1.845 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

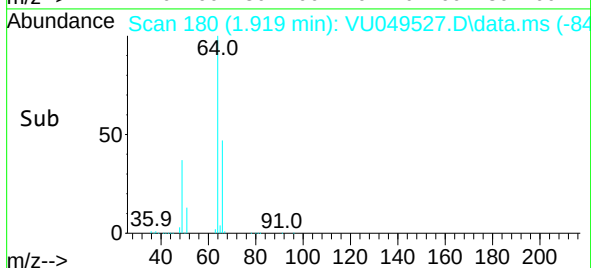
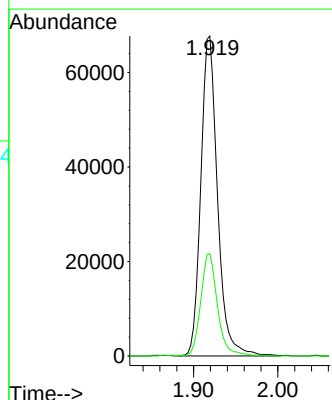
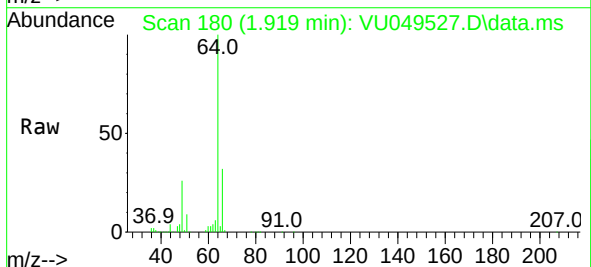
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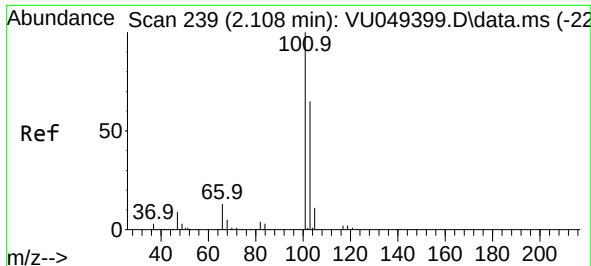
Tgt Ion: 94 Resp: 58172
Ion Ratio Lower Upper
94 100
96 89.6 73.7 110.5



#6
Chloroethane
Concen: 56.679 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 64 Resp: 93498
Ion Ratio Lower Upper
64 100
66 32.0 24.7 37.1

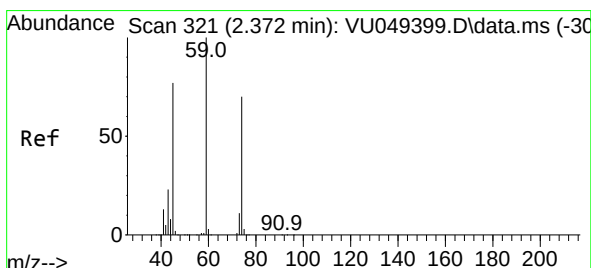
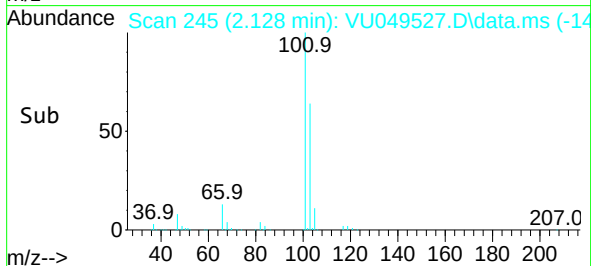
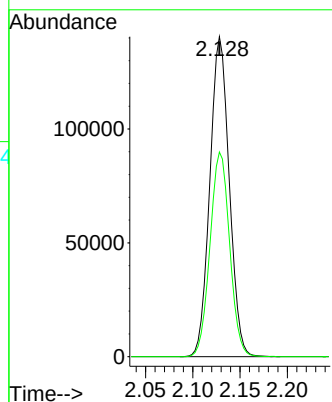
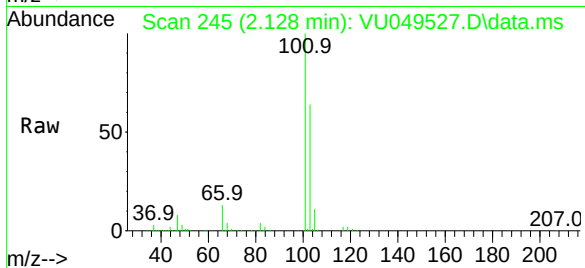




#7
 Trichlorofluoromethane
 Concen: 44.183 ug/l
 RT: 2.128 min Scan# 24
 Delta R.T. 0.020 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

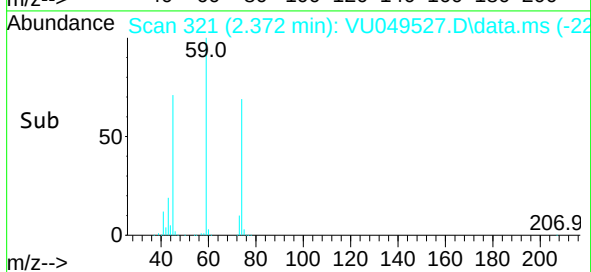
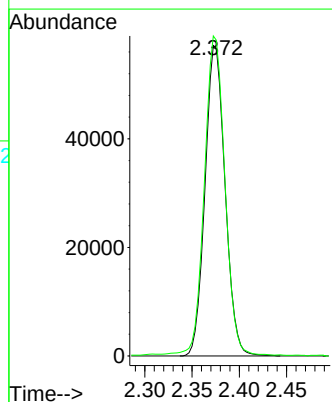
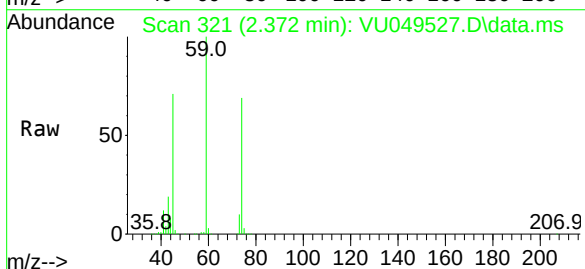
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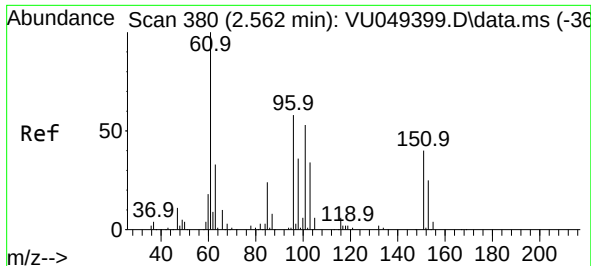
Tgt Ion:101 Resp: 200417
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.6 75.8



#8
 Diethyl Ether
 Concen: 51.474 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

Tgt Ion: 74 Resp: 84341
 Ion Ratio Lower Upper
 74 100
 45 104.9 44.4 133.2

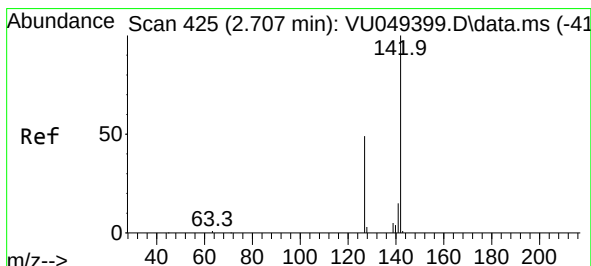
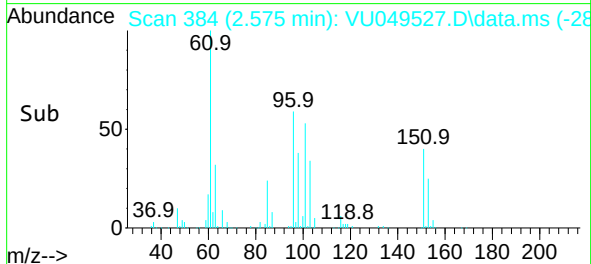
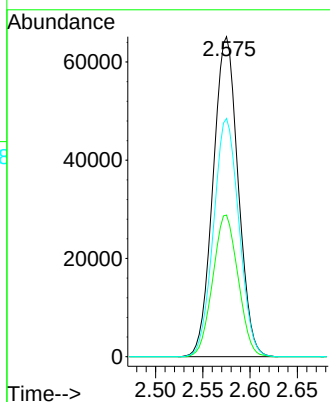
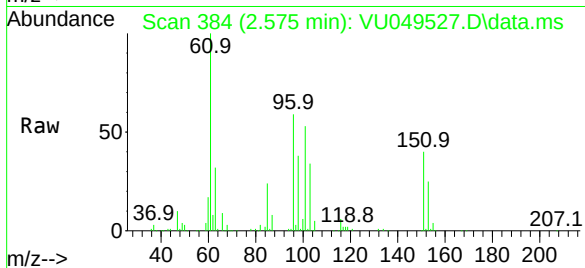




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.250 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049527.D
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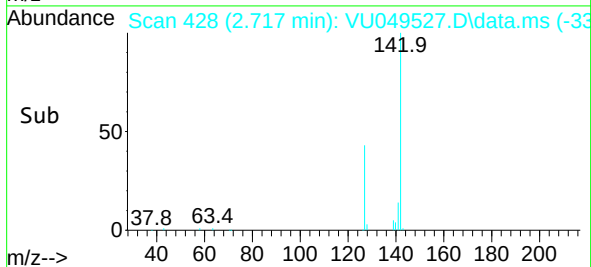
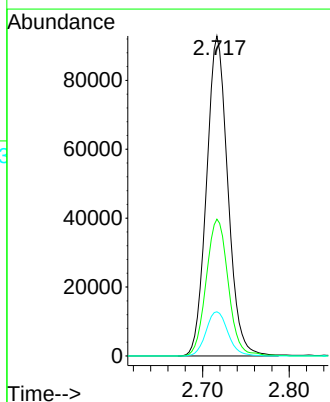
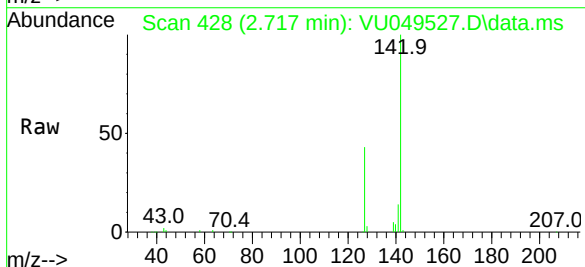
Instrument :
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ClientSampleId :
VSTDCCC050EC

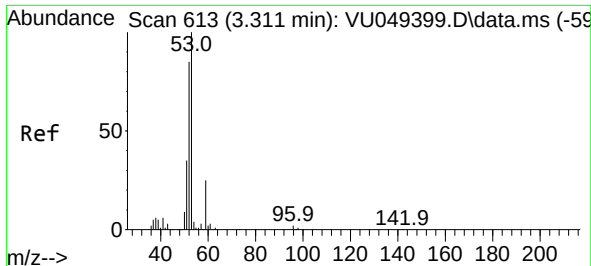
Tgt Ion:101 Resp: 120196
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 75.7 64.0 96.0



#10
Methyl Iodide
Concen: 63.787 ug/l
RT: 2.717 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:142 Resp: 158835
Ion Ratio Lower Upper
142 100
127 44.3 32.5 48.7
141 14.2 11.4 17.0

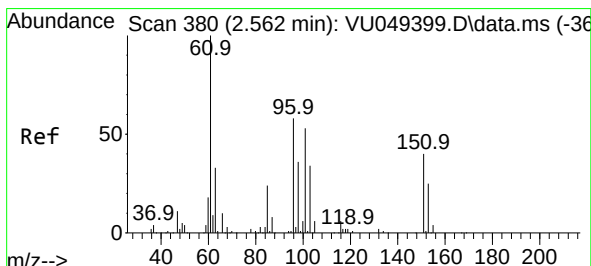
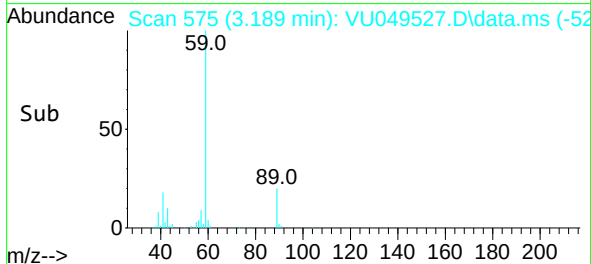
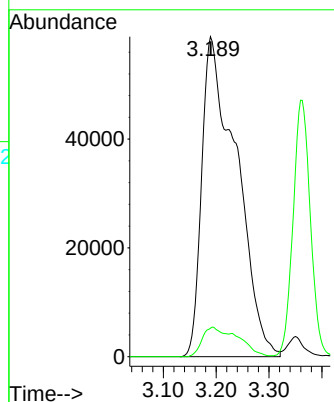
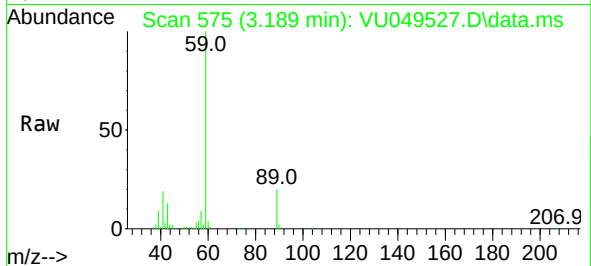




#11
Tert butyl alcohol
Concen: 337.011 ug/l
RT: 3.189 min Scan# 51
Delta R.T. -0.122 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

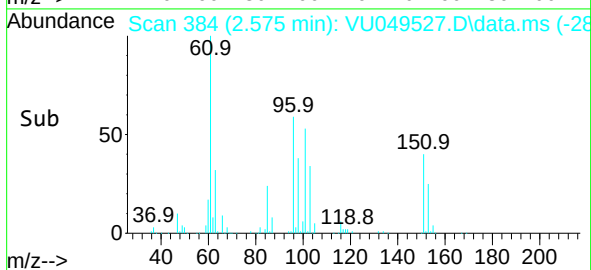
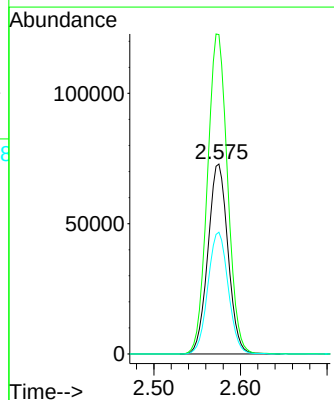
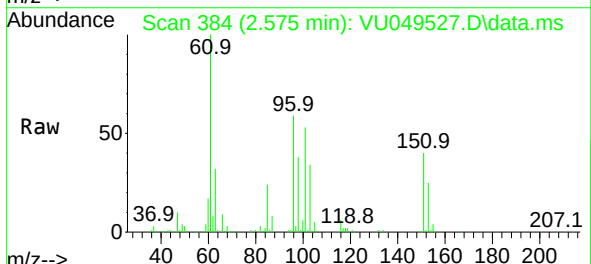
Instrument :
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ClientSampleId :
VSTDCCC050EC

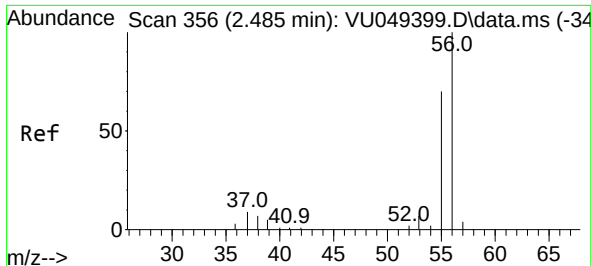
Tgt Ion: 59 Resp: 267258
Ion Ratio Lower Upper
59 100
57 6.2 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 49.106 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

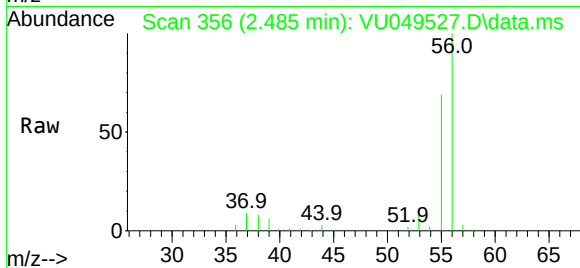
Tgt Ion: 96 Resp: 117338
Ion Ratio Lower Upper
96 100
61 168.2 122.2 183.2
98 64.1 50.7 76.1



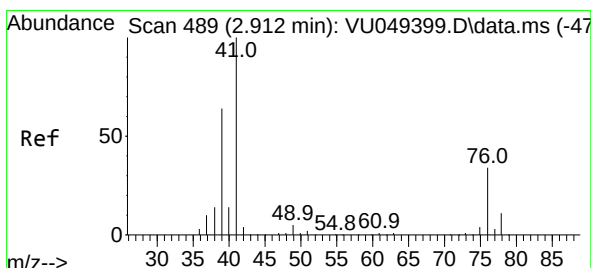
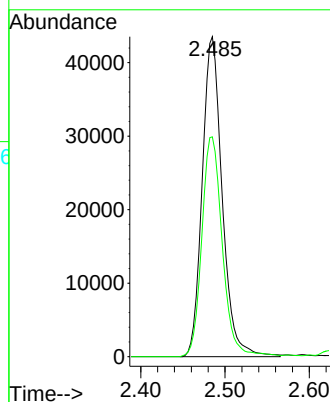
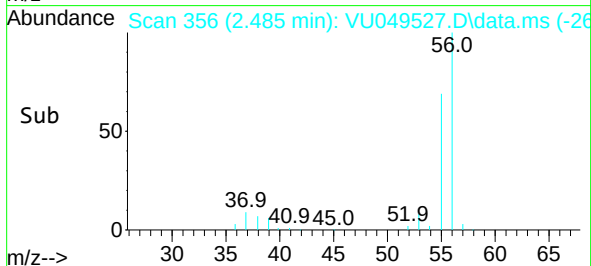


#13
Acrolein
Concen: 133.853 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

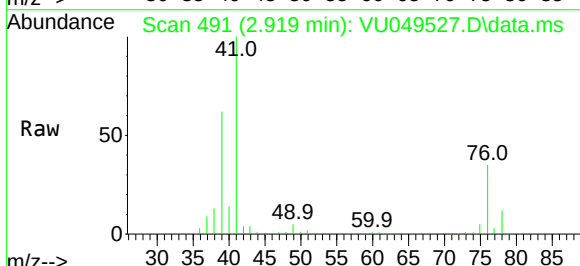
Instrument :
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ClientSampleId :
VSTDCCC050EC



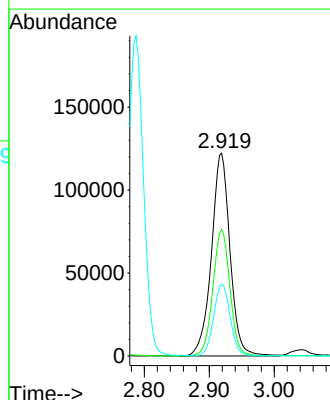
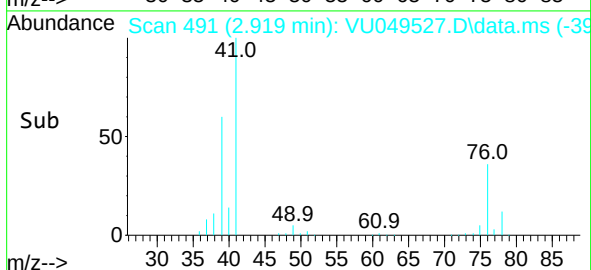
Tgt Ion: 56 Resp: 71885
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

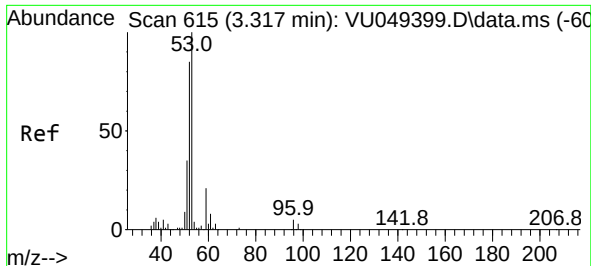


#14
Allyl chloride
Concen: 50.271 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.007 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38



Tgt Ion: 41 Resp: 242766
Ion Ratio Lower Upper
41 100
39 57.5 53.4 80.2
76 31.3 33.8 50.6#

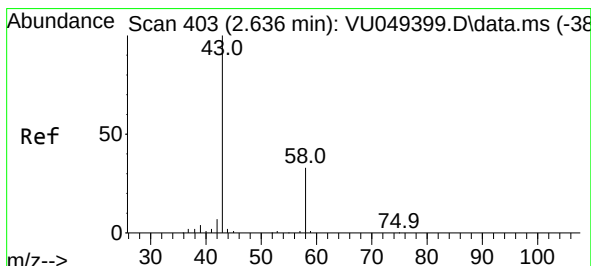
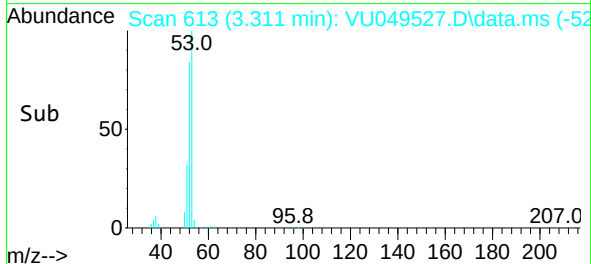
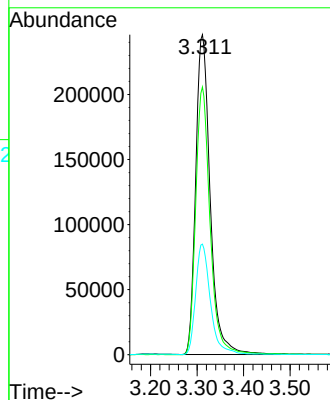
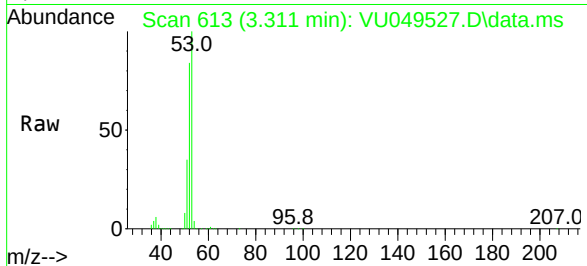




#15
Acrylonitrile
Concen: 278.559 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

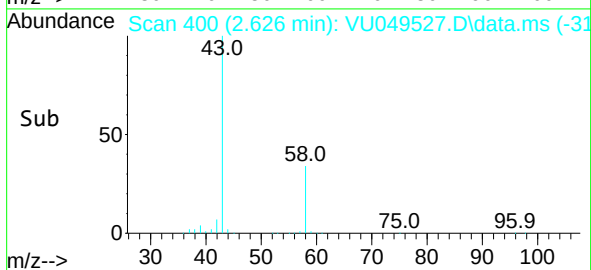
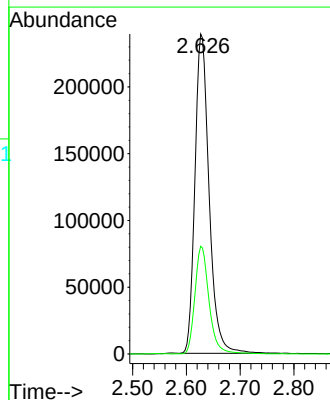
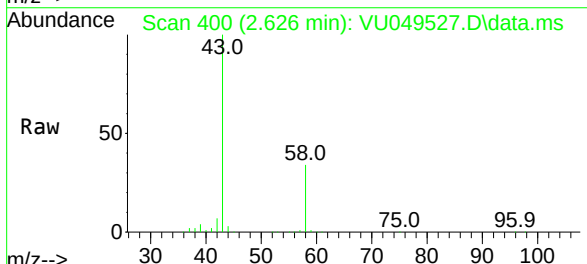
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

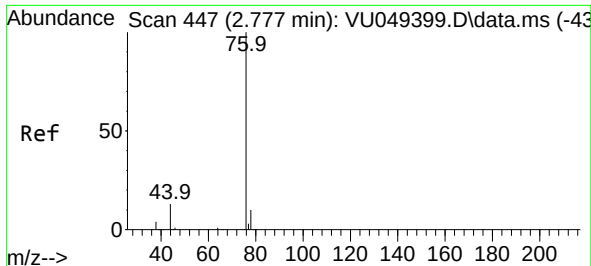
Tgt Ion: 53 Resp: 531288
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 35.1 28.2 42.4



#16
Acetone
Concen: 256.325 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.009 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 43 Resp: 437959
Ion Ratio Lower Upper
43 100
58 33.7 27.5 41.3

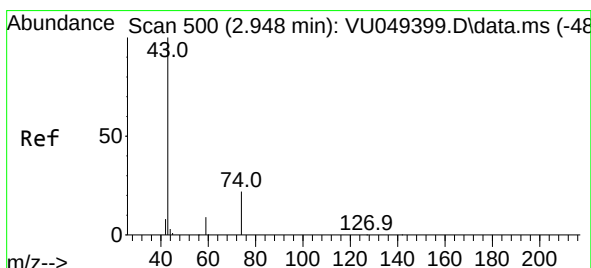
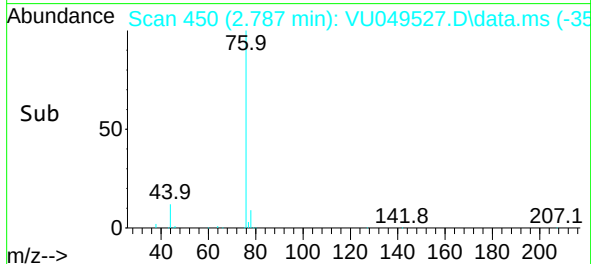
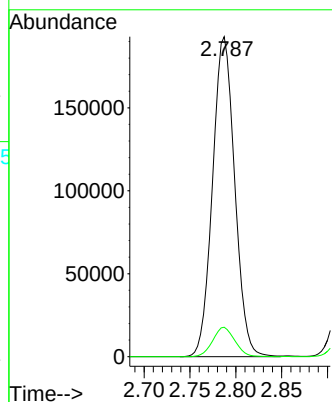
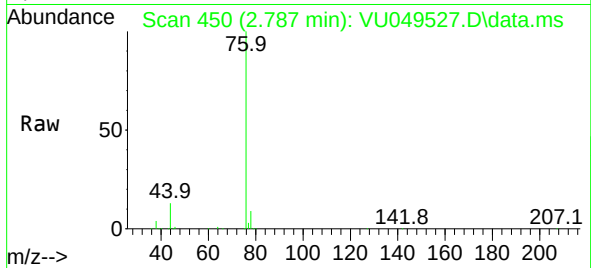




#17
Carbon Disulfide
Concen: 43.543 ug/l
RT: 2.787 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

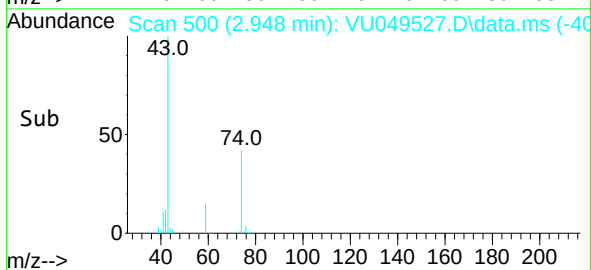
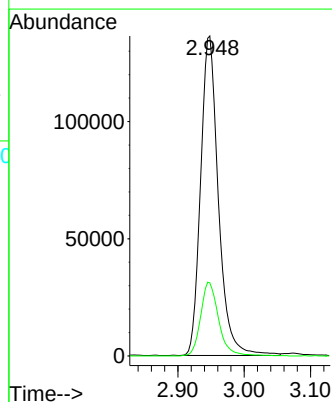
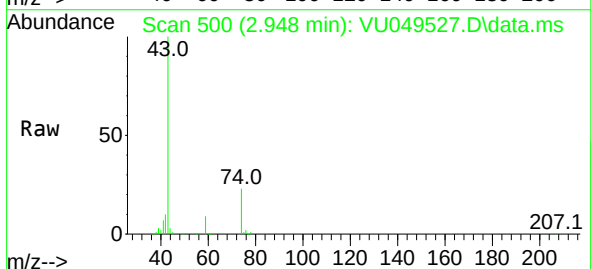
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

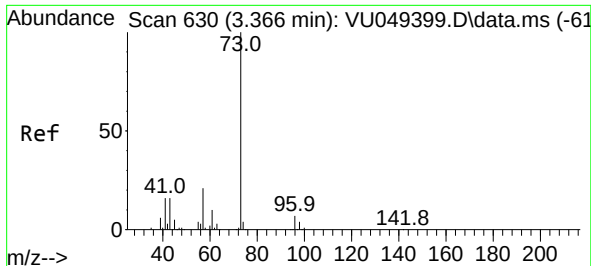
Tgt Ion: 76 Resp: 324472
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 54.851 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 43 Resp: 253700
Ion Ratio Lower Upper
43 100
74 23.3 22.5 33.7

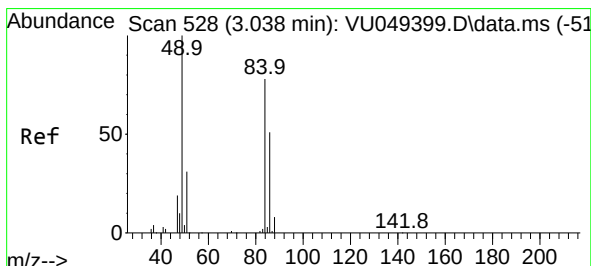
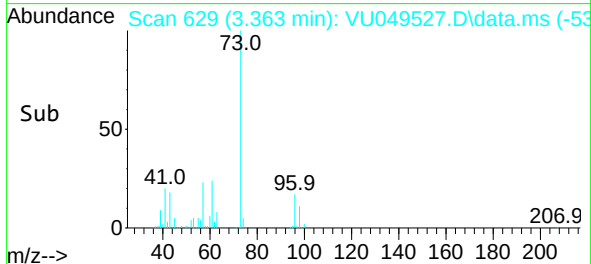
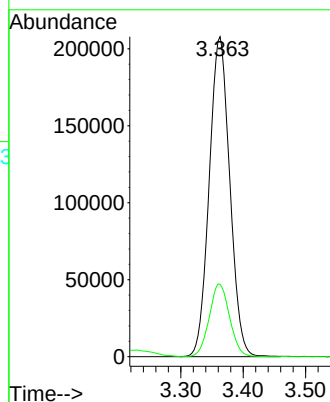
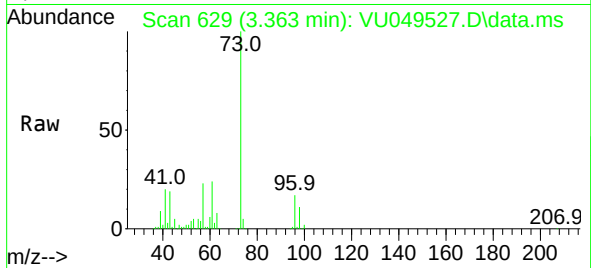




#19
Methyl tert-butyl Ether
Concen: 53.551 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

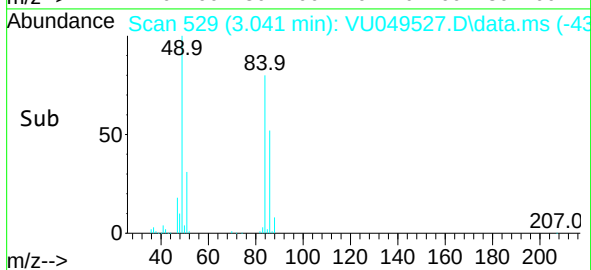
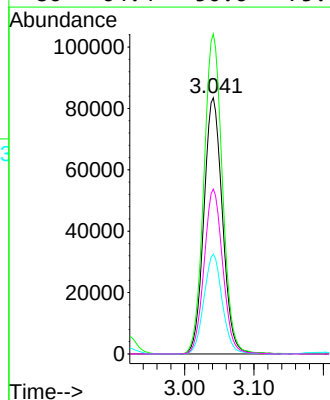
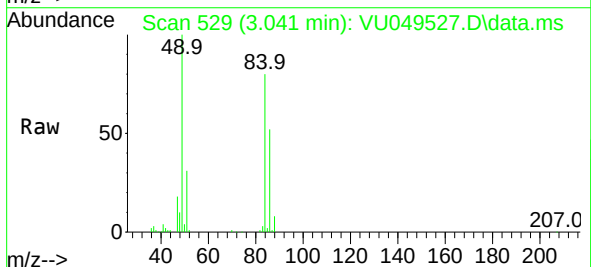
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

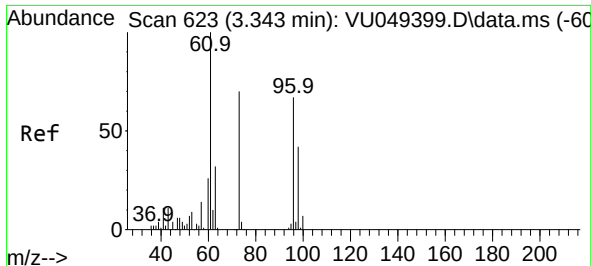
Tgt Ion: 73 Resp: 475908
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#20
Methylene Chloride
Concen: 54.568 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 84 Resp: 155012
Ion Ratio Lower Upper
84 100
49 124.9 86.6 129.8
51 39.0 26.6 40.0
86 64.4 50.6 75.8

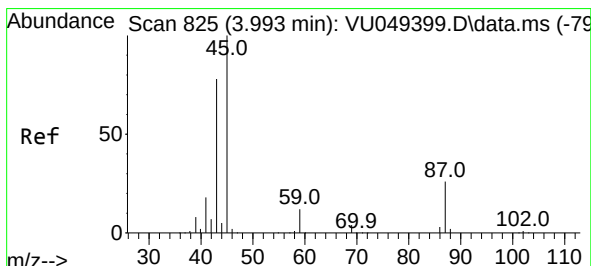
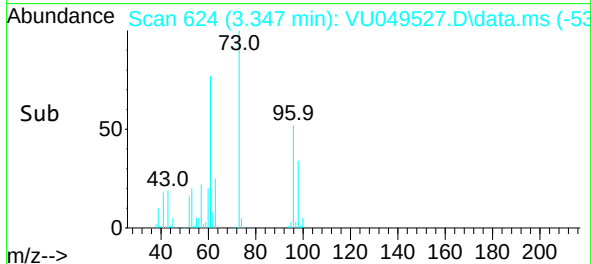
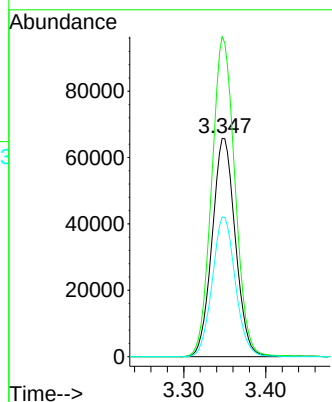
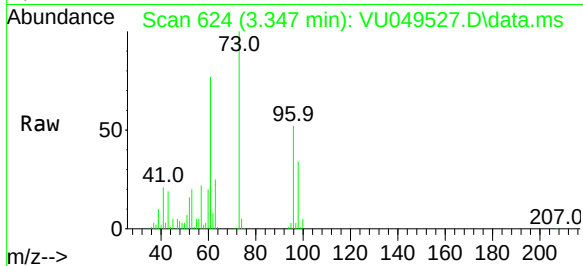




#21
trans-1,2-Dichloroethene
Concen: 50.194 ug/l
RT: 3.347 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

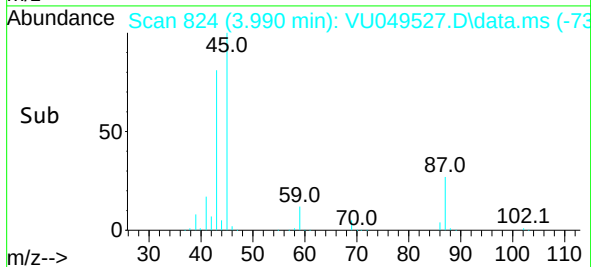
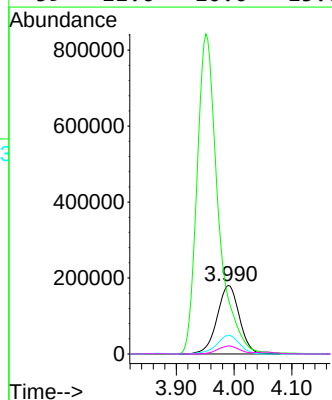
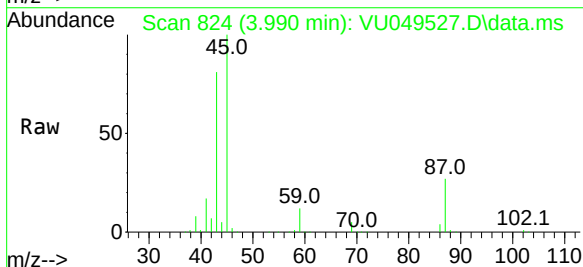
Instrument :
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ClientSampleId :
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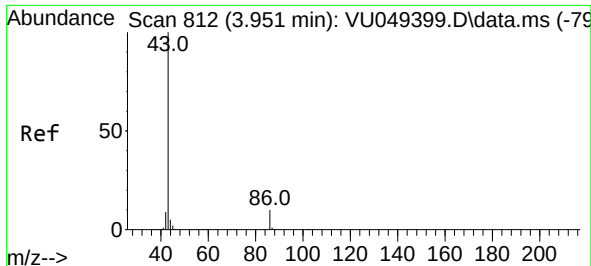
Tgt Ion: 96 Resp: 129291
Ion Ratio Lower Upper
96 100
61 146.6 106.1 159.1
98 64.0 50.8 76.2



#22
Diisopropyl ether
Concen: 52.426 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 45 Resp: 483382
Ion Ratio Lower Upper
45 100
43 80.8 92.9 139.3#
87 27.4 26.2 39.2
59 11.6 10.0 15.0

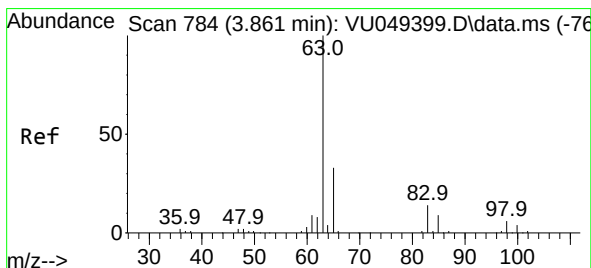
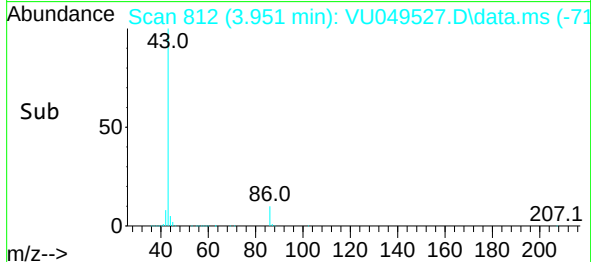
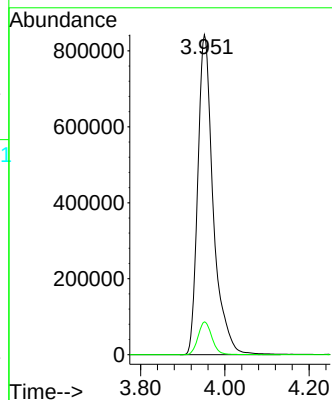
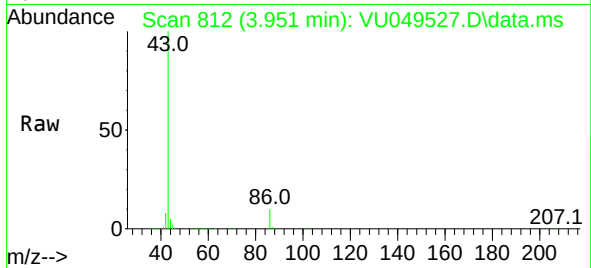




#23
 Vinyl Acetate
 Concen: 264.653 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

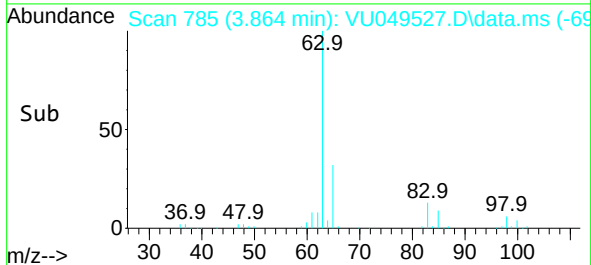
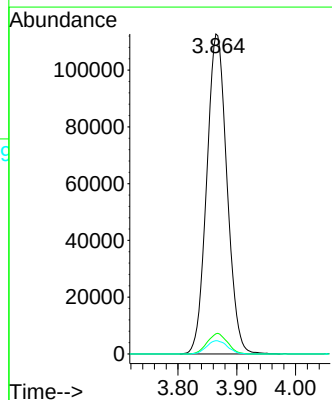
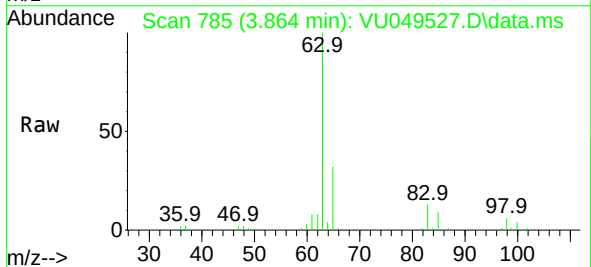
Instrument :
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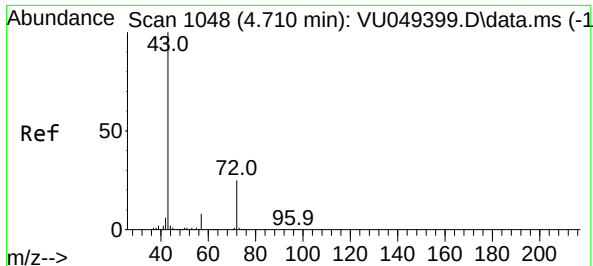
Tgt Ion: 43 Resp: 2138777
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 50.851 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.004 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

Tgt Ion: 63 Resp: 269318
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 283.571 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.009 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

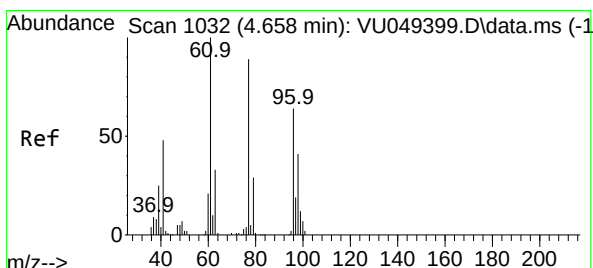
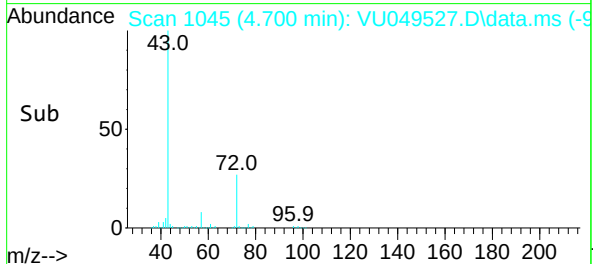
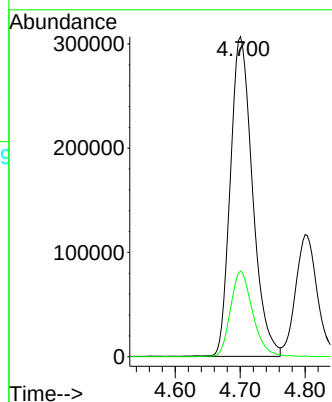
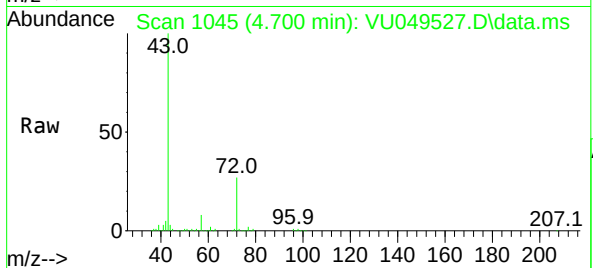
VSTDCCC050EC

Tgt Ion: 43 Resp: 726112

Ion Ratio Lower Upper

43 100

72 26.8 23.8 35.6



#26

2,2-Dichloropropane

Concen: 40.537 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.004 min

Lab File: VU049527.D

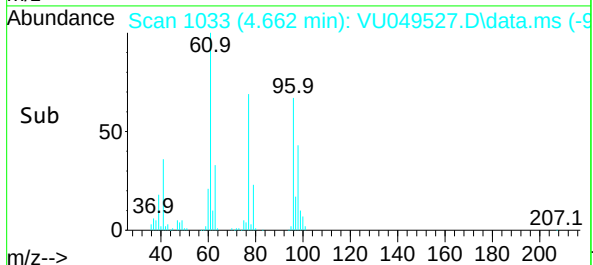
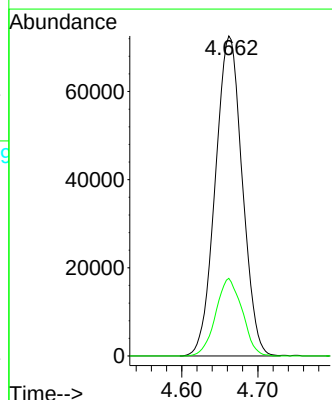
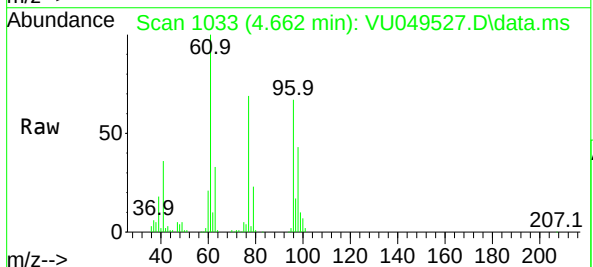
Acq: 29 Jun 2022 20:38

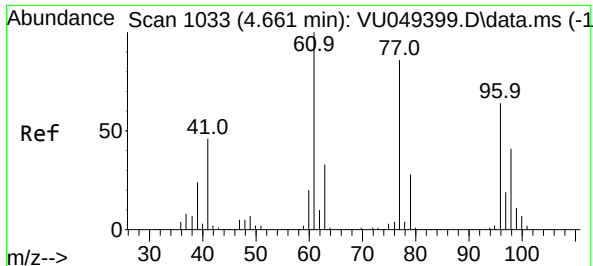
Tgt Ion: 77 Resp: 178686

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8

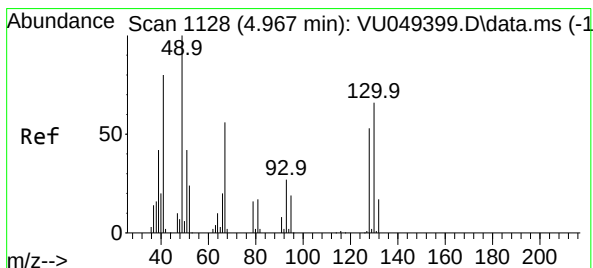
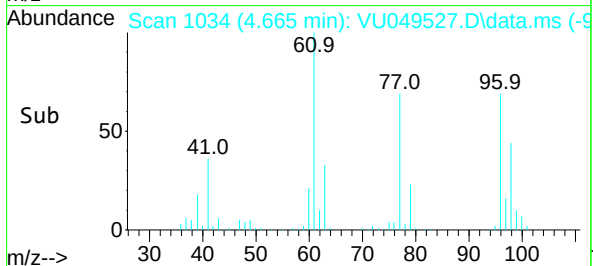
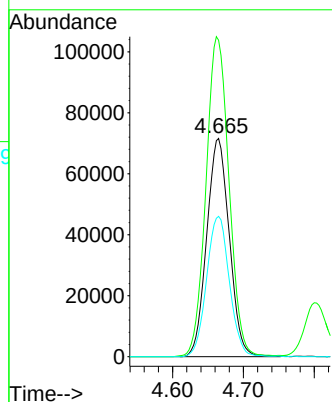
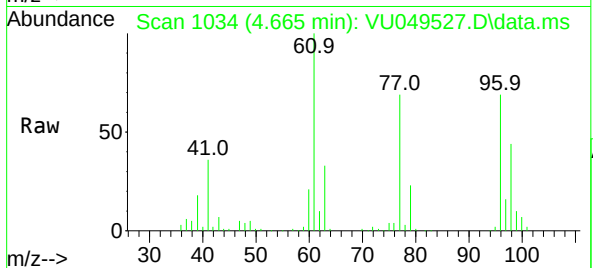




#27
cis-1,2-Dichloroethene
Concen: 53.209 ug/l
RT: 4.665 min Scan# 1033
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

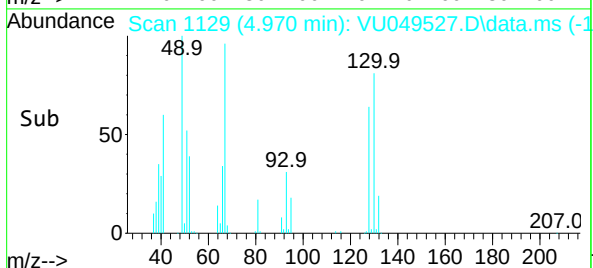
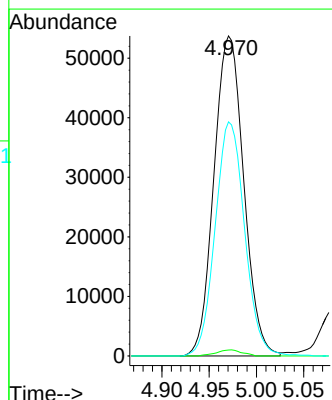
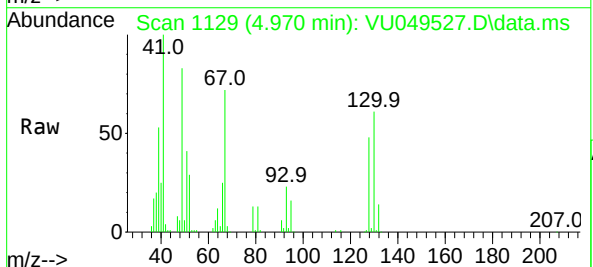
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

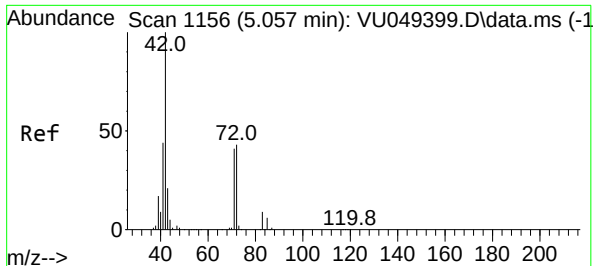
Tgt Ion: 96 Resp: 158357
Ion Ratio Lower Upper
96 100
61 149.2 0.0 271.6
98 64.9 0.0 128.2



#28
Bromochloromethane
Concen: 50.836 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 49 Resp: 117685
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 72.4 76.9 115.3#





#29

Tetrahydrofuran

Concen: 275.245 ug/l

RT: 5.048 min Scan# 1153

Delta R.T. -0.009 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

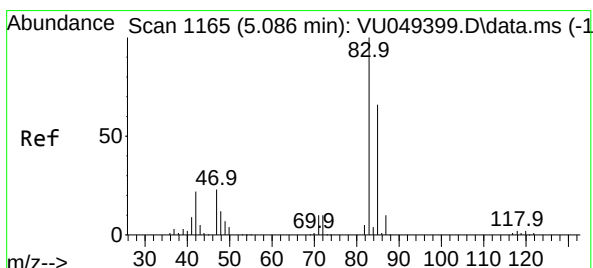
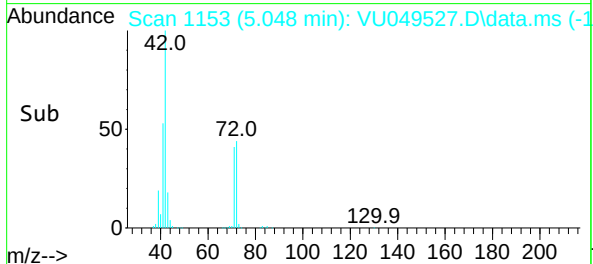
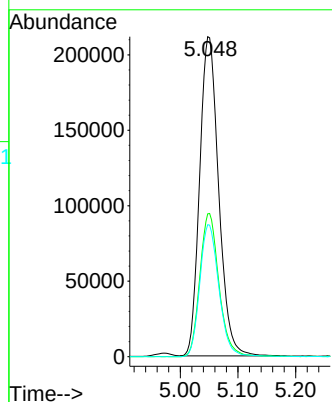
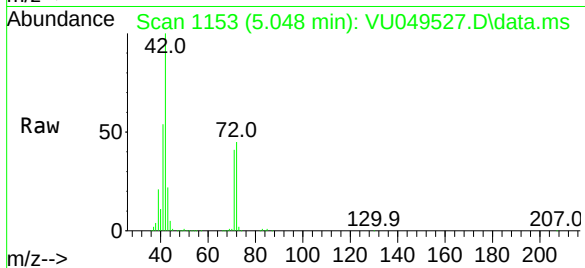
Tgt Ion: 42 Resp: 483494

Ion Ratio Lower Upper

42 100

72 45.0 42.6 63.8

71 41.4 40.3 60.5



#30

Chloroform

Concen: 50.272 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049527.D

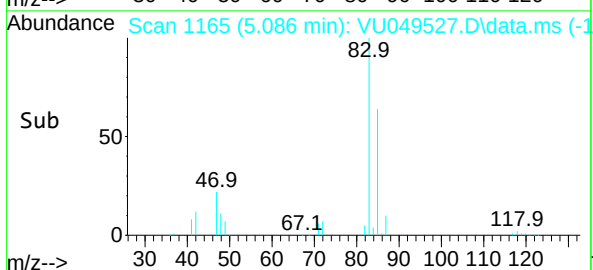
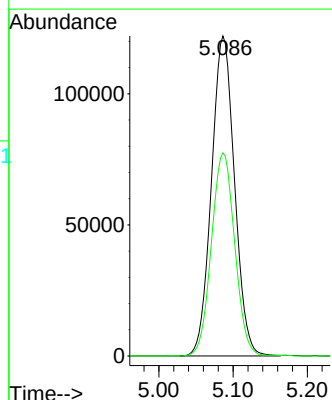
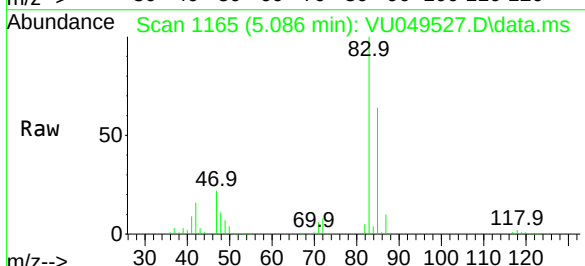
Acq: 29 Jun 2022 20:38

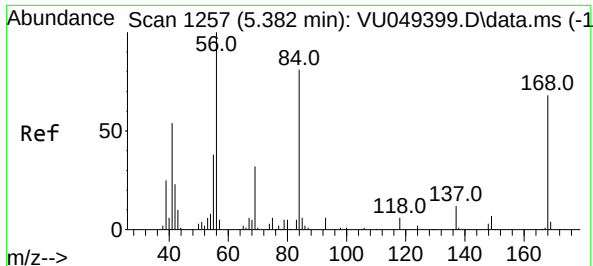
Tgt Ion: 83 Resp: 263374

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

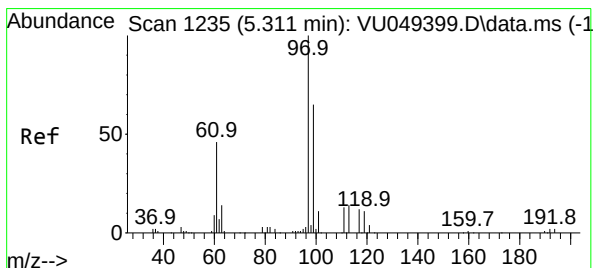
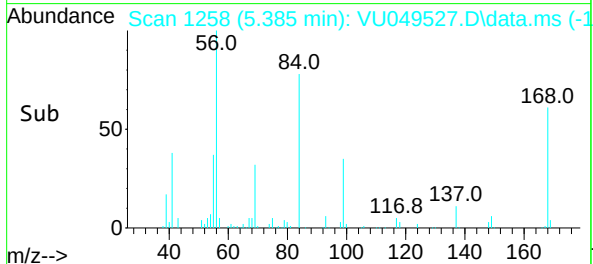
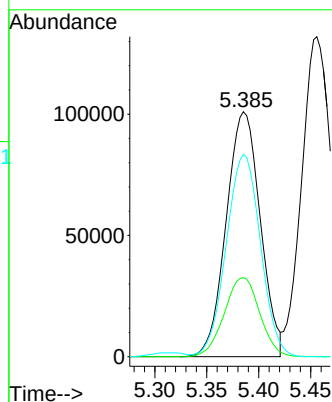
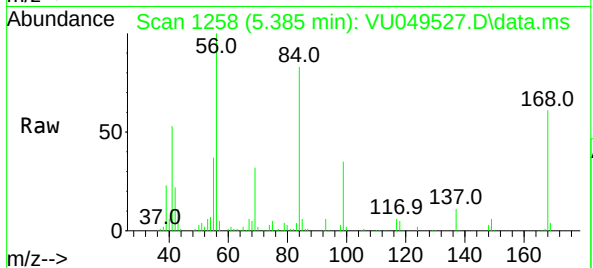




#31
Cyclohexane
Concen: 45.191 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

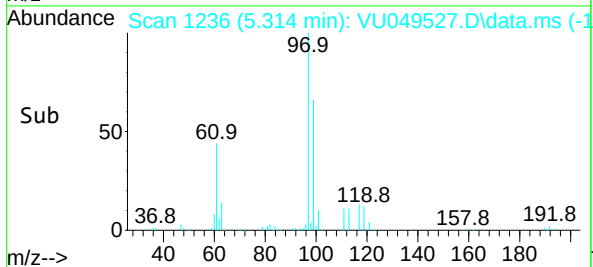
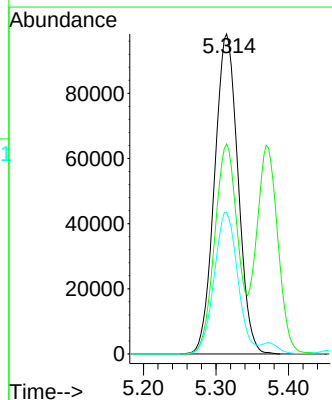
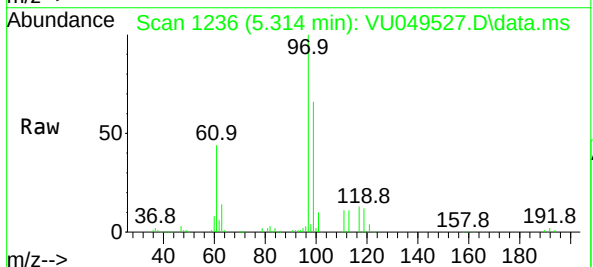
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

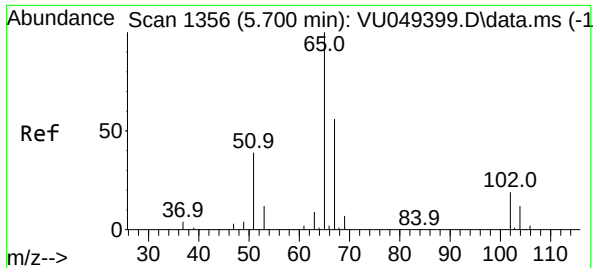
Tgt Ion: 56 Resp: 229902
Ion Ratio Lower Upper
56 100
69 32.2 27.8 41.8
84 81.2 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 48.545 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.004 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 97 Resp: 220667
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 44.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.073 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

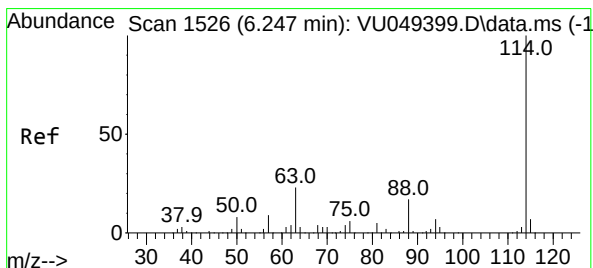
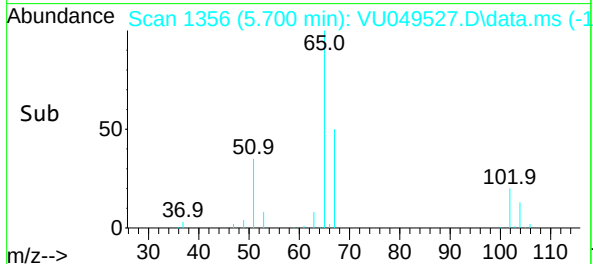
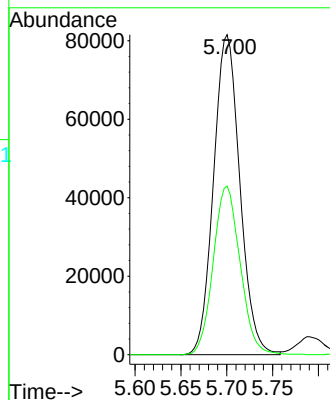
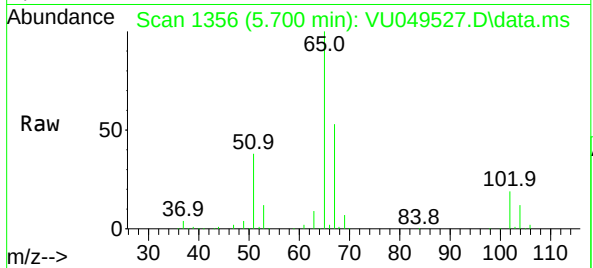
VSTDCCC050EC

Tgt Ion: 65 Resp: 162878

Ion Ratio Lower Upper

65 100

67 53.9 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: VU049527.D

Acq: 29 Jun 2022 20:38

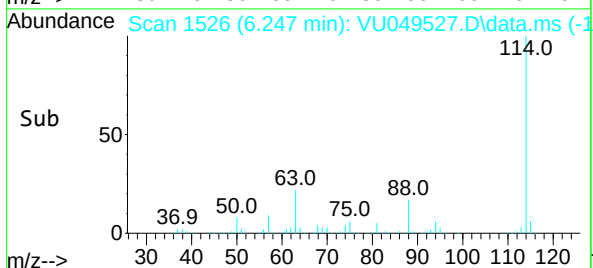
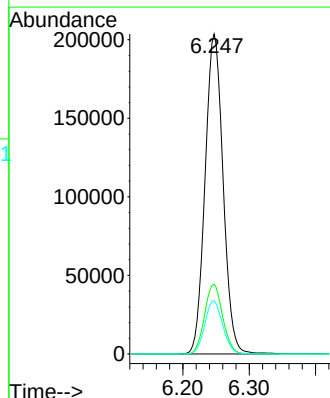
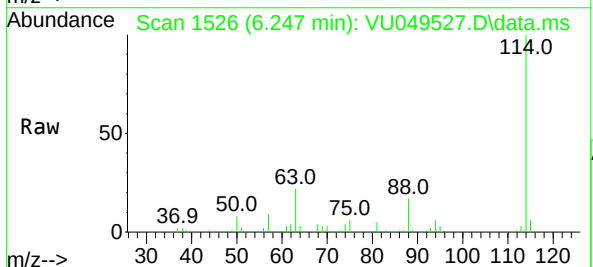
Tgt Ion: 114 Resp: 383632

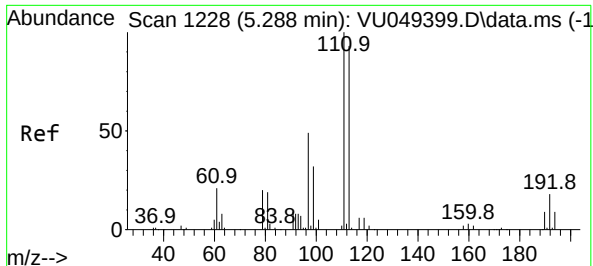
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 47.909 ug/l

RT: 5.286 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

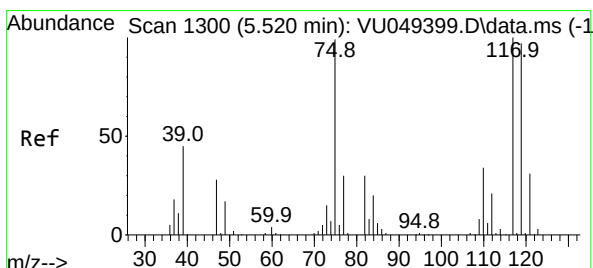
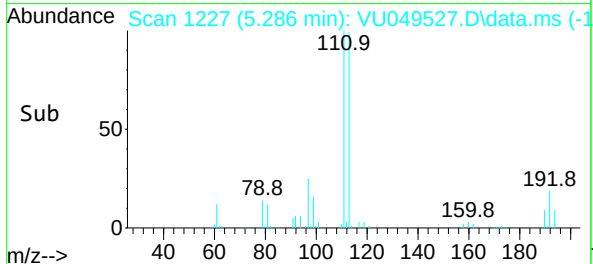
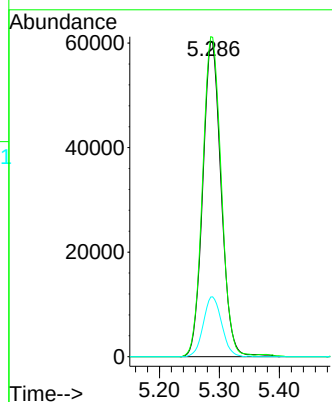
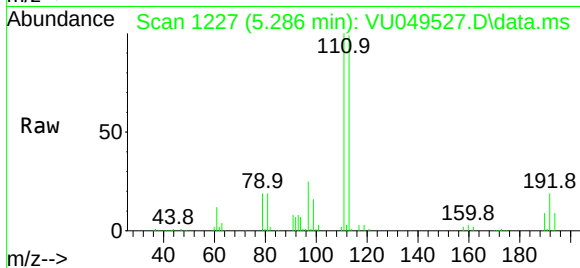
Tgt Ion:113 Resp: 128586

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

192 19.0 18.0 27.0



#36

1,1-Dichloropropene

Concen: 47.071 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

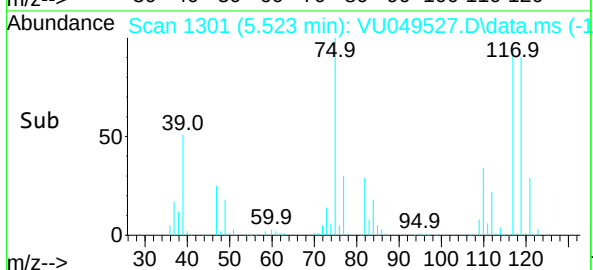
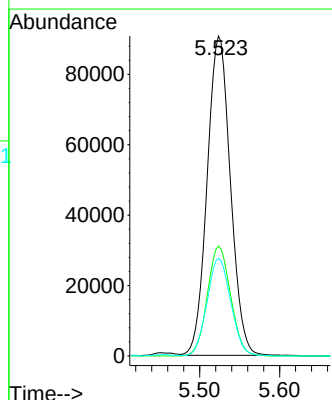
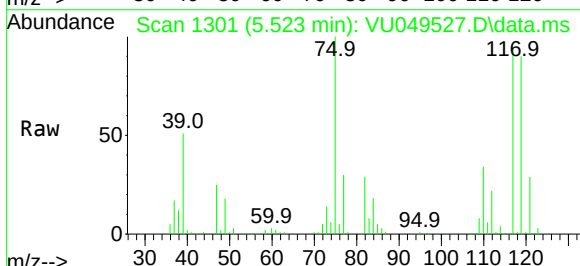
Tgt Ion: 75 Resp: 183187

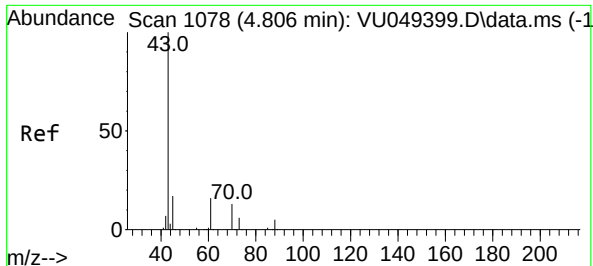
Ion Ratio Lower Upper

75 100

110 34.5 18.4 55.2

77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 51.288 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

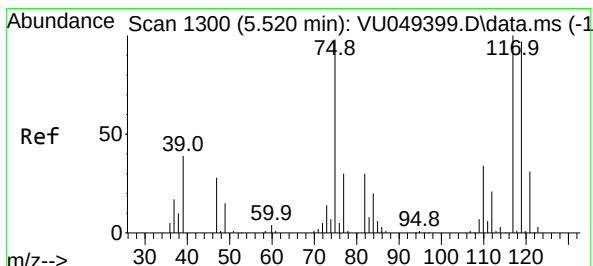
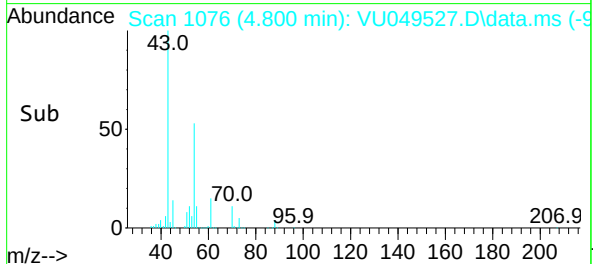
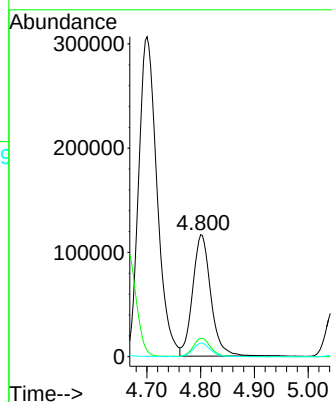
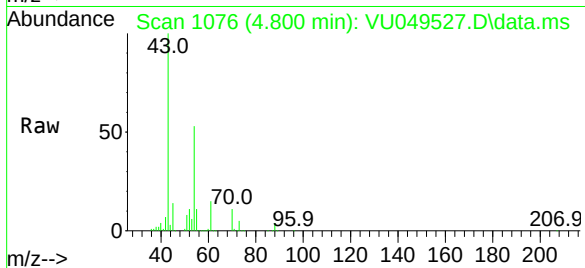
Tgt Ion: 43 Resp: 272747

Ion Ratio Lower Upper

43 100

61 14.5 9.5 14.3#

70 10.7 7.5 11.3



#38

Carbon Tetrachloride

Concen: 45.800 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.004 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

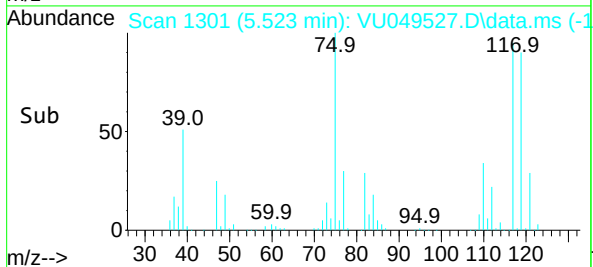
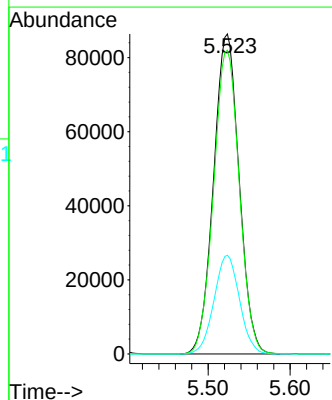
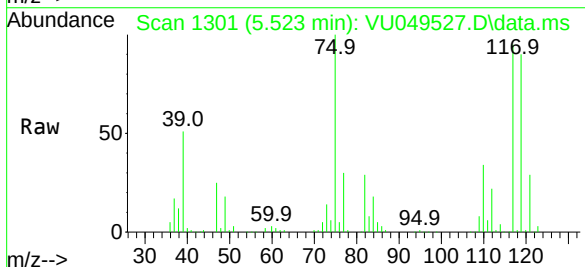
Tgt Ion: 117 Resp: 186930

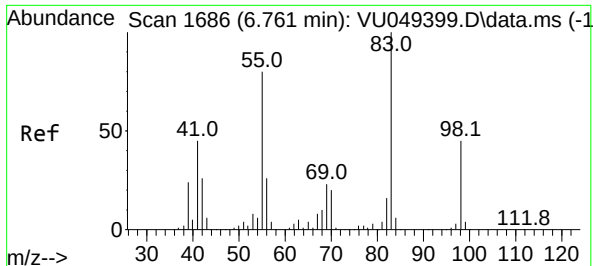
Ion Ratio Lower Upper

117 100

119 94.9 76.8 115.2

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 46.765 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

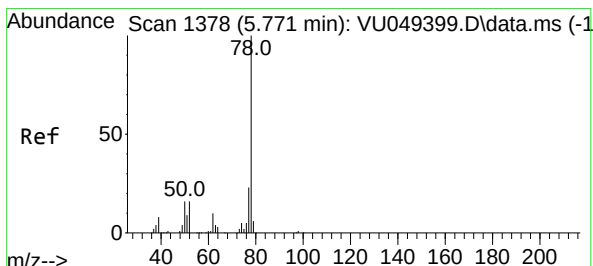
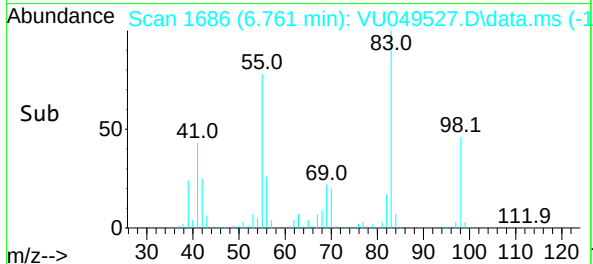
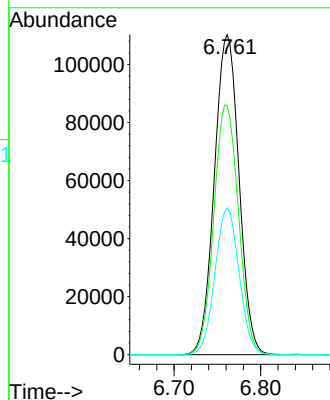
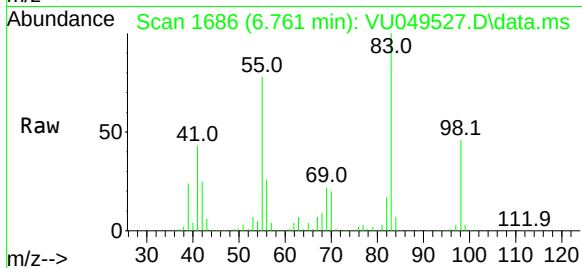
Tgt Ion: 83 Resp: 218151

Ion Ratio Lower Upper

83 100

55 78.0 55.3 82.9

98 45.9 37.3 55.9



#40

Benzene

Concen: 49.486 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU049527.D

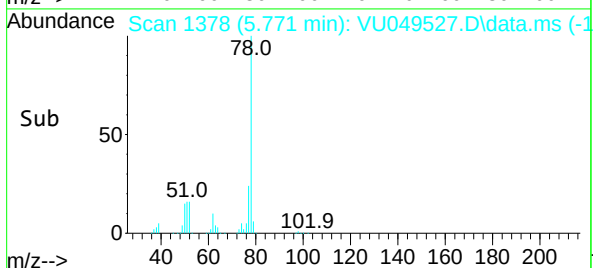
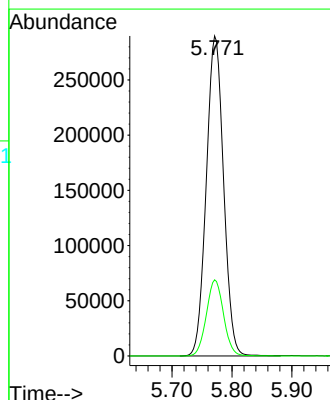
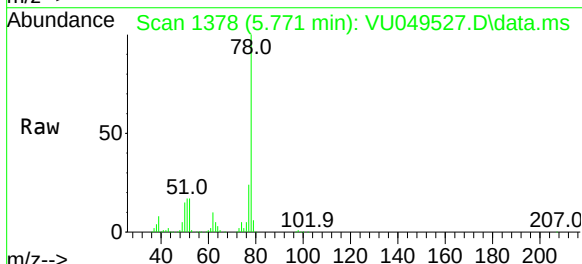
Acq: 29 Jun 2022 20:38

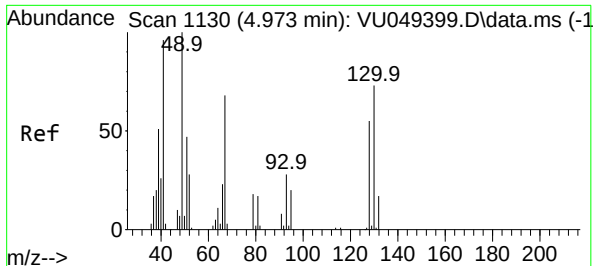
Tgt Ion: 78 Resp: 581445

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2



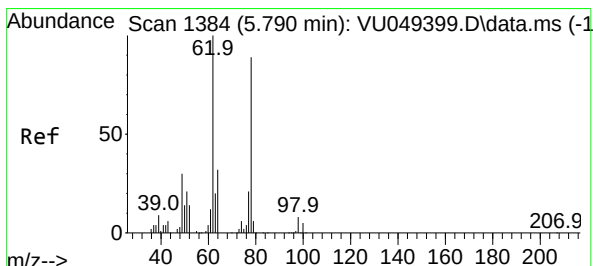
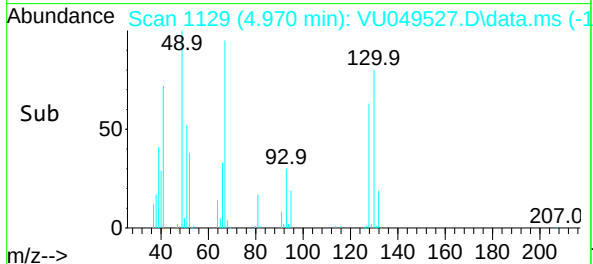
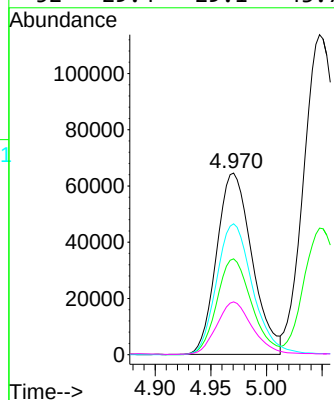
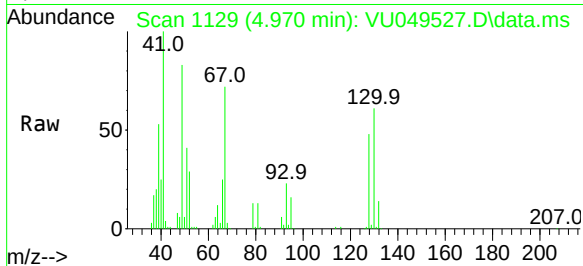


#41
Methacrylonitrile
Concen: 53.525 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 142628

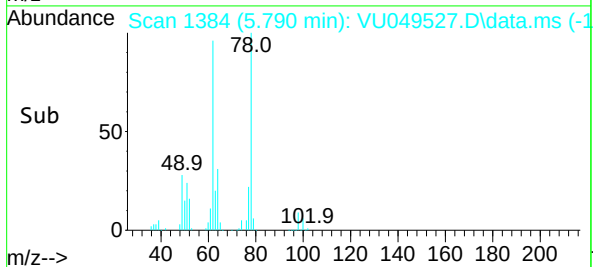
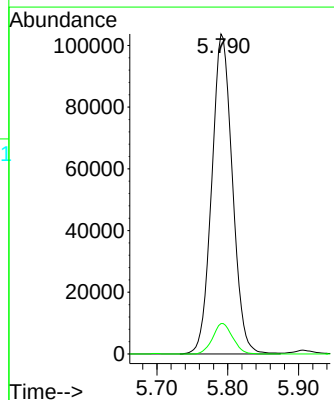
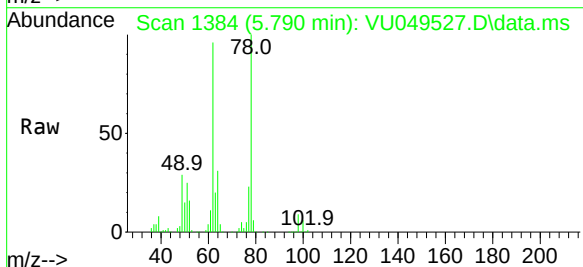
Ion	Ratio	Lower	Upper
41	100		
39	52.0	43.1	64.7
67	74.4	72.3	108.5
52	29.4	29.1	43.7

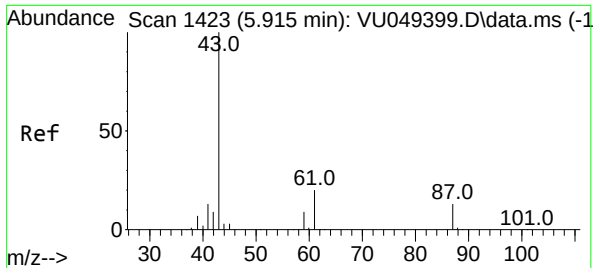


#42
1,2-Dichloroethane
Concen: 48.040 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 62 Resp: 210082

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 51.359 ug/l

RT: 5.909 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

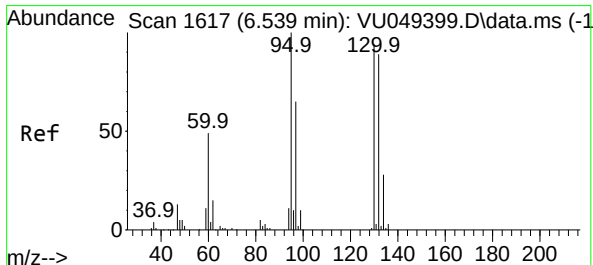
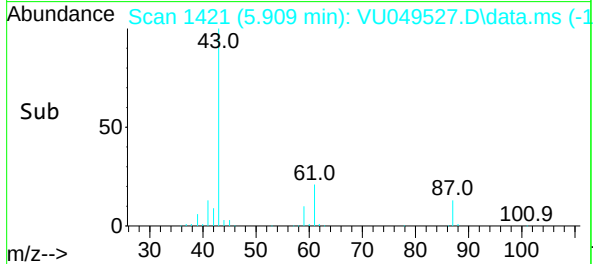
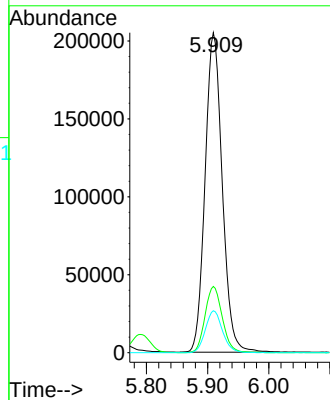
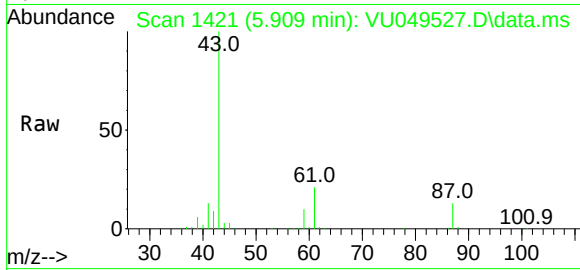
Tgt Ion: 43 Resp: 400200

Ion Ratio Lower Upper

43 100

61 20.9 17.4 26.0

87 13.1 12.6 18.8



#44

Trichloroethene

Concen: 50.330 ug/l

RT: 6.540 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU049527.D

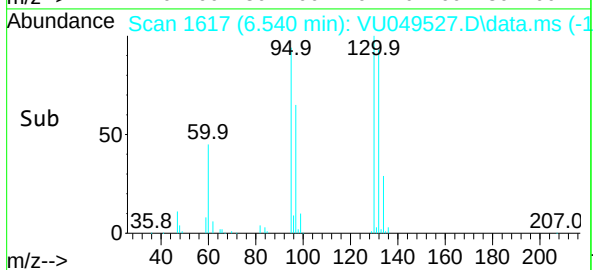
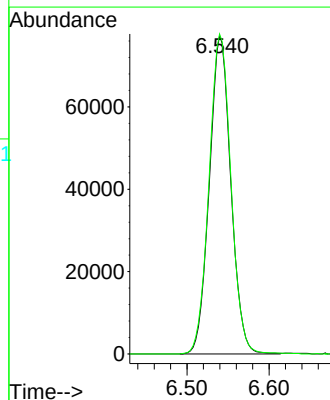
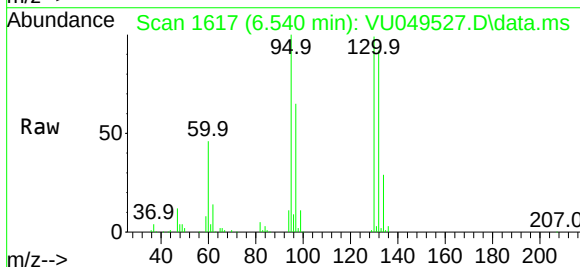
Acq: 29 Jun 2022 20:38

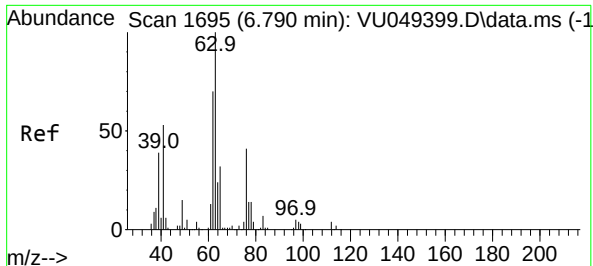
Tgt Ion:130 Resp: 140580

Ion Ratio Lower Upper

130 100

95 100.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 49.875 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

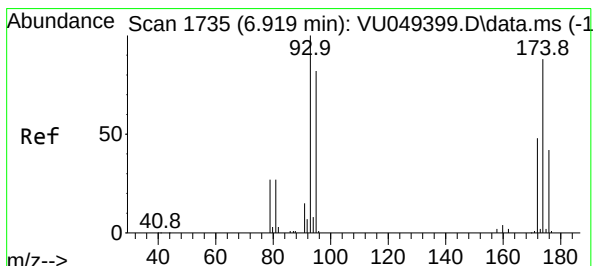
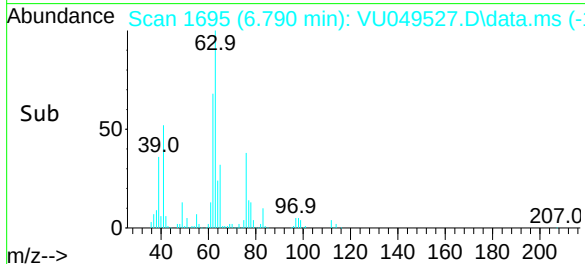
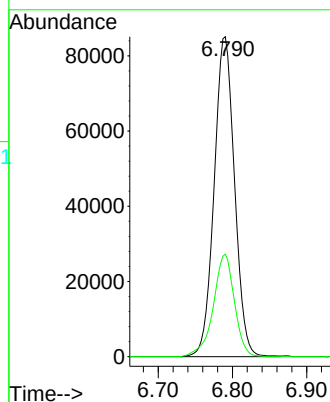
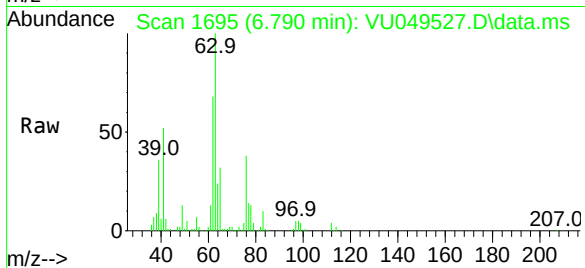
VSTDCCC050EC

Tgt Ion: 63 Resp: 162380

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4



#46

Dibromomethane

Concen: 50.494 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

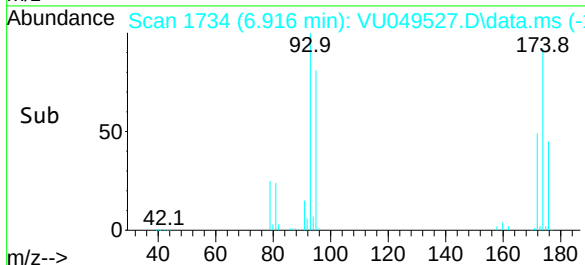
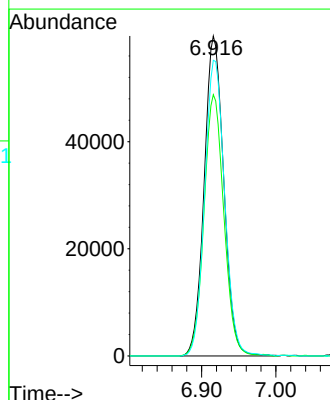
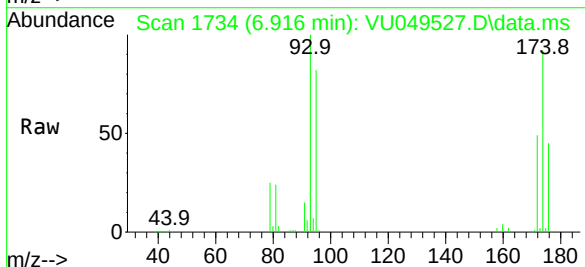
Tgt Ion: 93 Resp: 109604

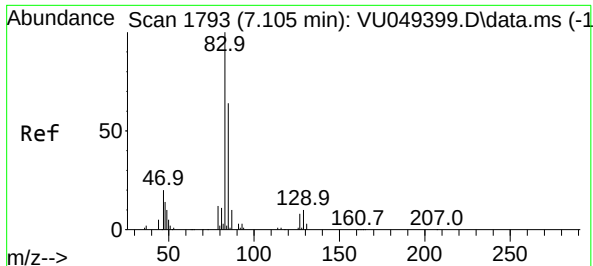
Ion Ratio Lower Upper

93 100

95 82.6 66.3 99.5

174 94.1 88.2 132.4

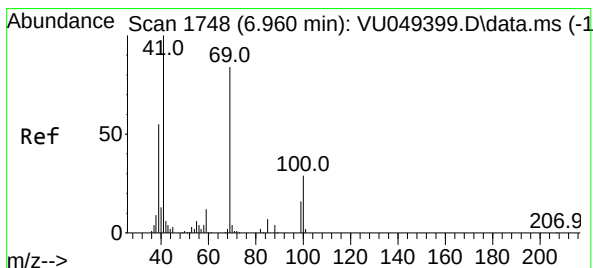
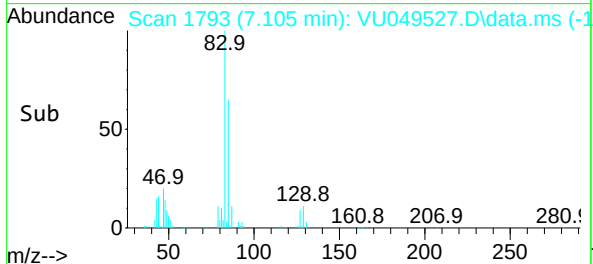
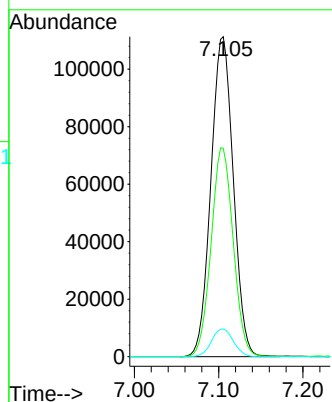
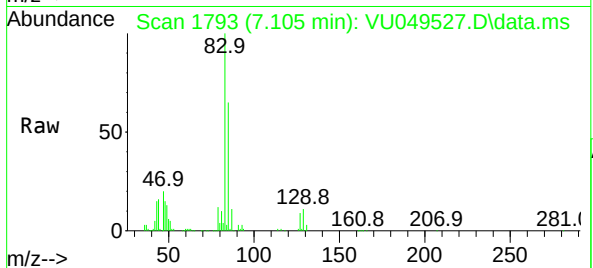




#47
Bromodichloromethane
Concen: 49.128 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

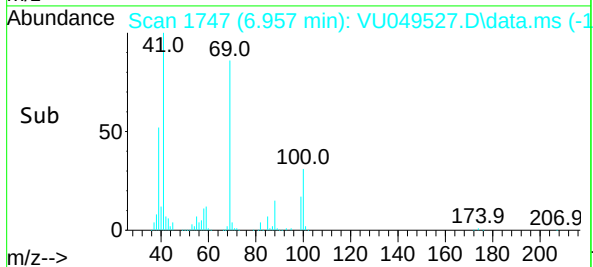
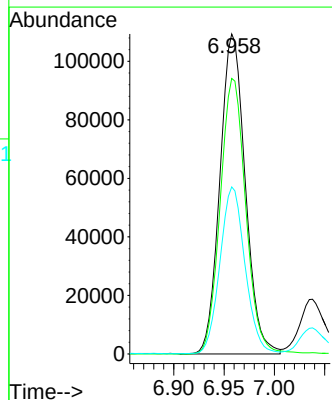
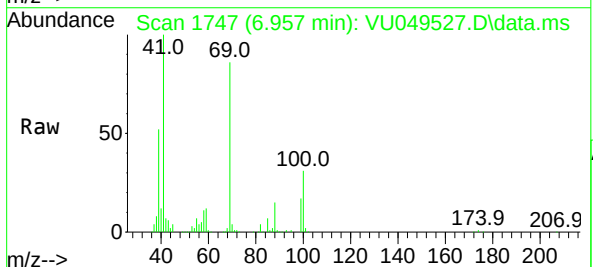
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

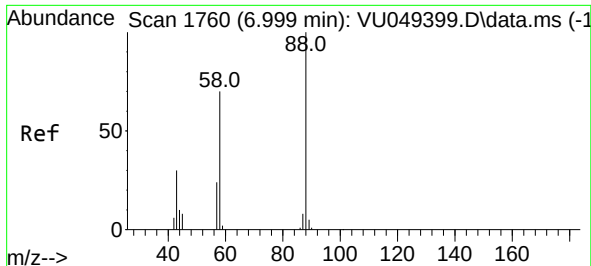
Tgt Ion: 83 Resp: 205251
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 52.511 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 41 Resp: 191759
Ion Ratio Lower Upper
41 100
69 86.8 79.8 119.6
39 51.5 47.9 71.9





#49

1,4-Dioxane

Concen: 1171.516 ug/l

RT: 6.980 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

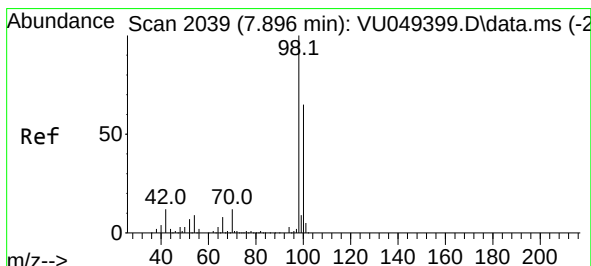
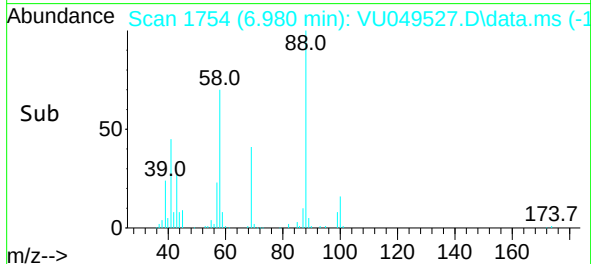
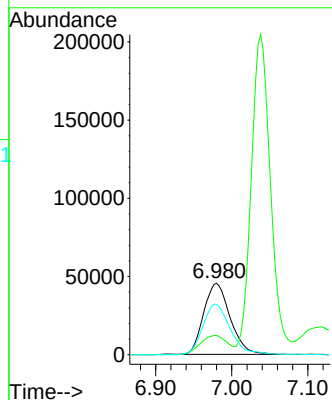
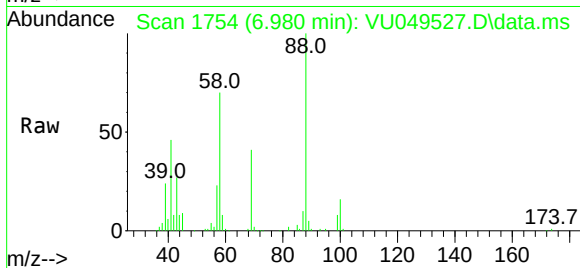
Tgt Ion: 88 Resp: 109603

Ion Ratio Lower Upper

88 100

43 27.3 0.0 0.0#

58 74.2 15.4 23.0#



#50

Toluene-d8

Concen: 47.921 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049527.D

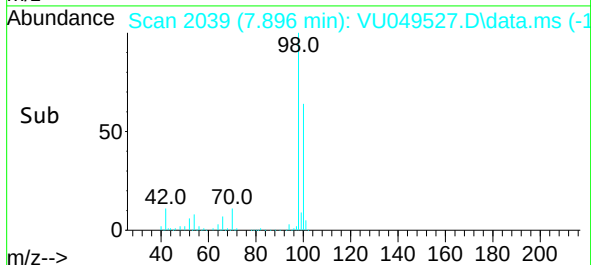
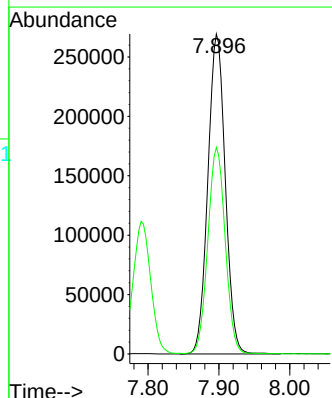
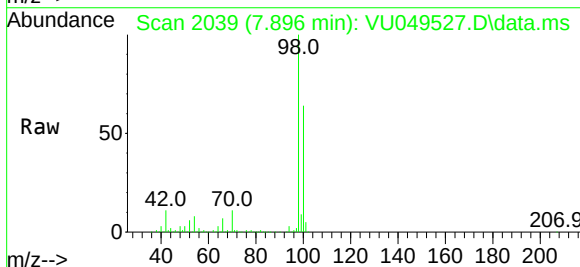
Acq: 29 Jun 2022 20:38

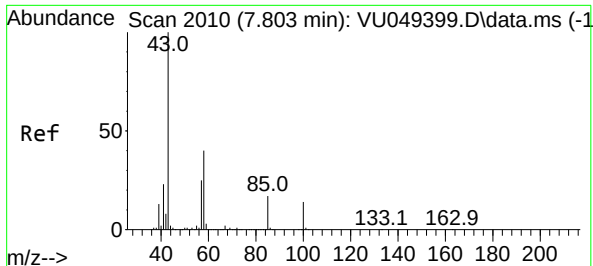
Tgt Ion: 98 Resp: 458751

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 258.272 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.012 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

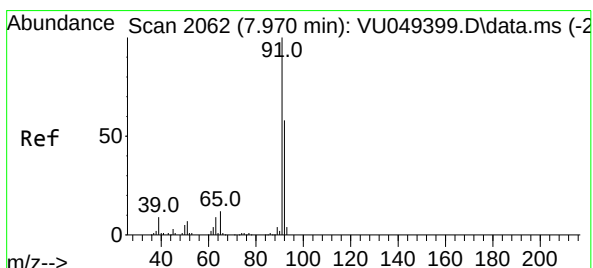
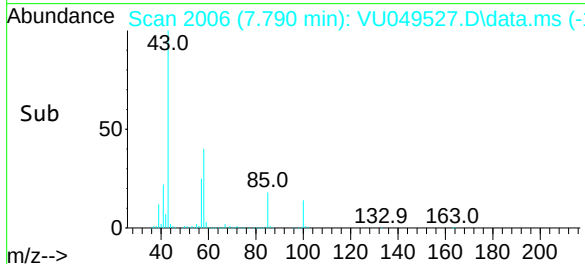
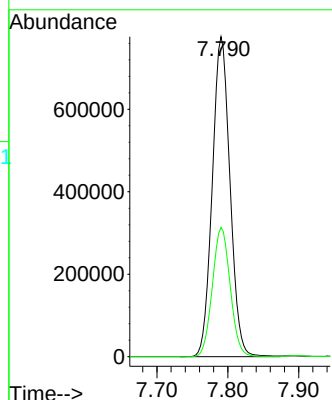
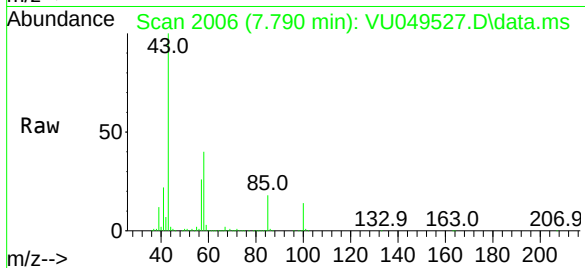
VSTDCCC050EC

Tgt Ion: 43 Resp: 1346888

Ion Ratio Lower Upper

43 100

58 40.7 34.7 52.1



#52

Toluene

Concen: 50.313 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049527.D

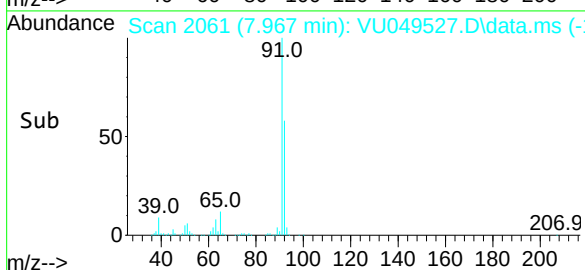
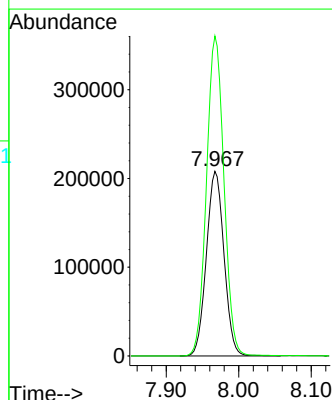
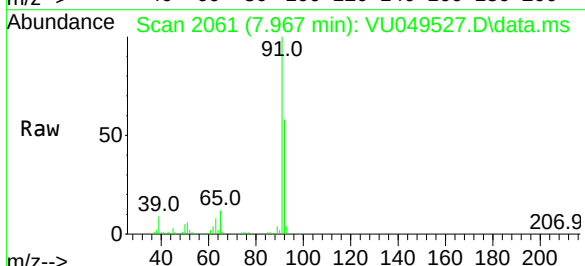
Acq: 29 Jun 2022 20:38

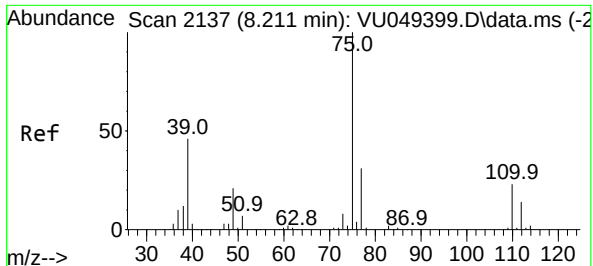
Tgt Ion: 92 Resp: 351368

Ion Ratio Lower Upper

92 100

91 171.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.204 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

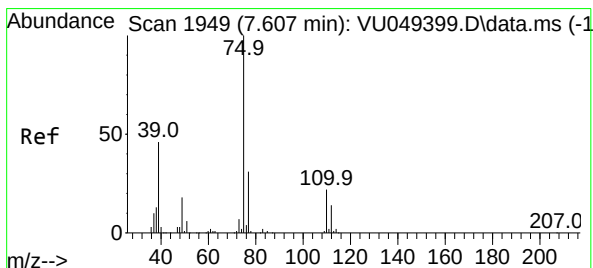
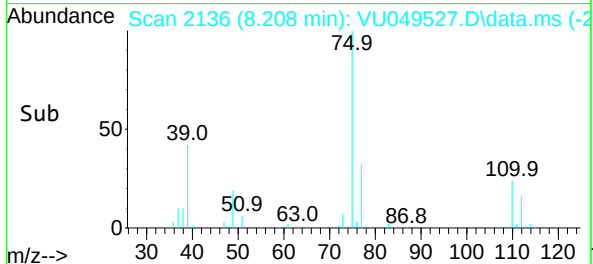
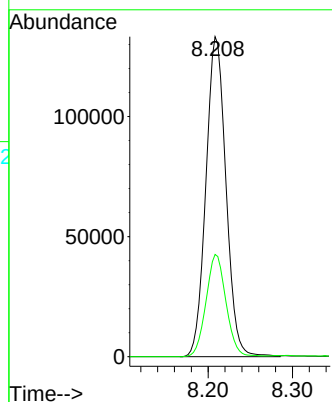
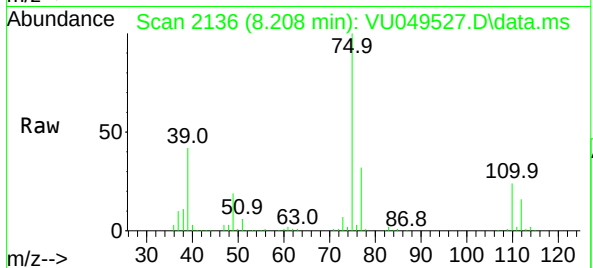
VSTDCCC050EC

Tgt Ion: 75 Resp: 220508

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.938 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

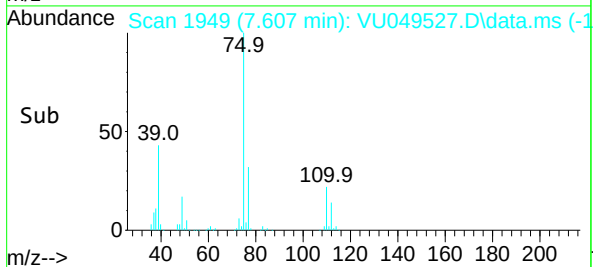
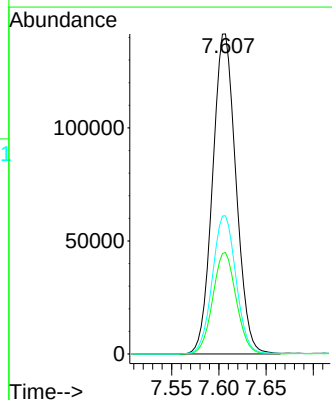
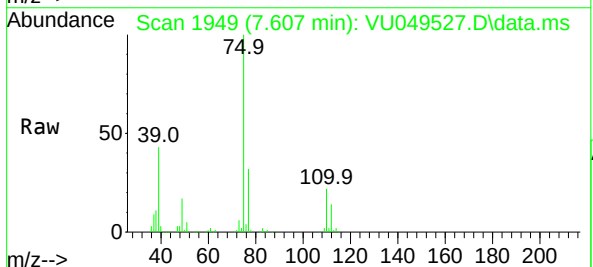
Tgt Ion: 75 Resp: 243742

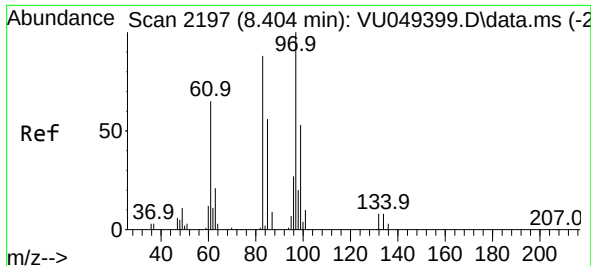
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 43.2 33.0 49.6

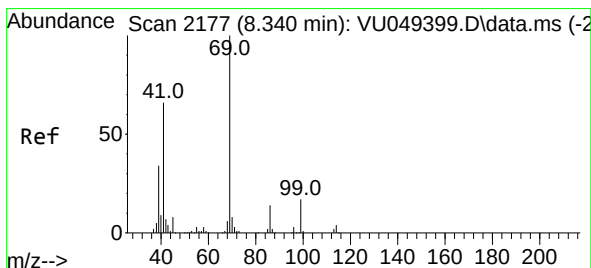
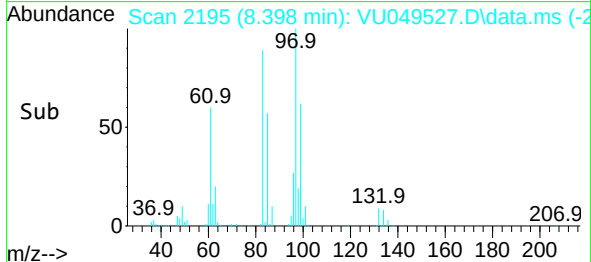
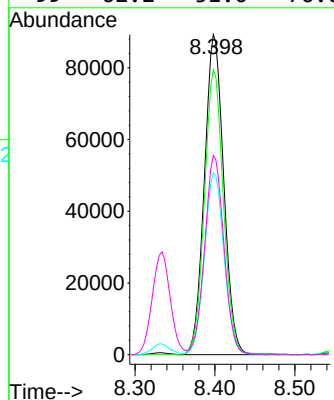
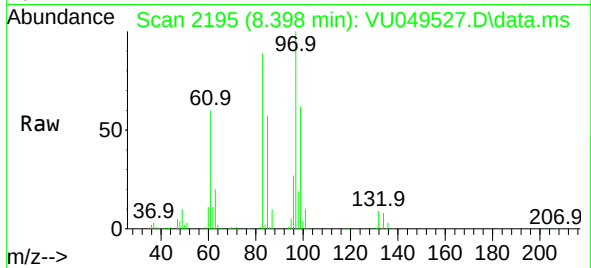




#55
1,1,2-Trichloroethane
Concen: 52.063 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.006 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

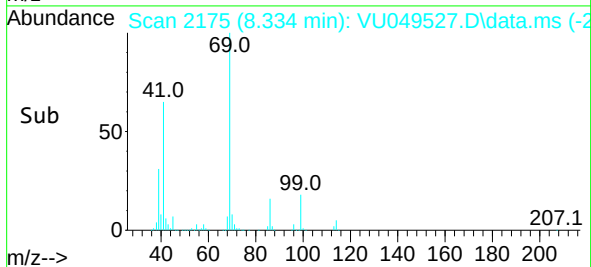
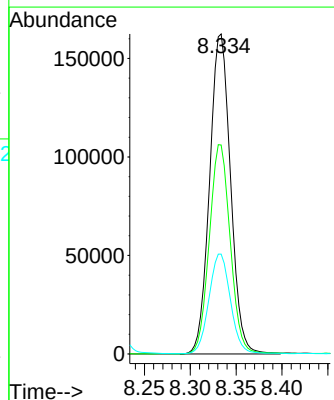
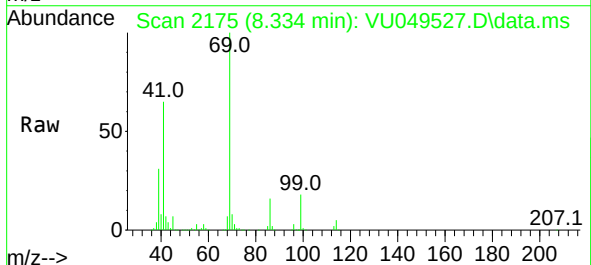
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

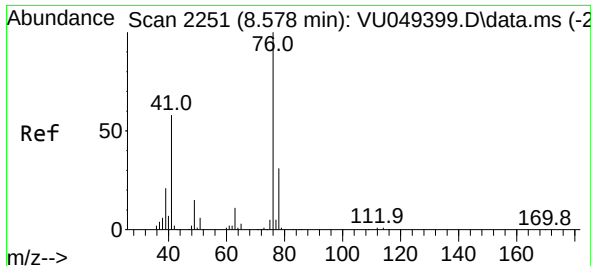
Tgt Ion:	97	Resp:	150327
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.2	105.4
85	56.7	44.6	66.8
99	62.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 53.442 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:	69	Resp:	258086
Ion	Ratio	Lower	Upper
69	100		
41	65.2	45.4	68.0
39	31.9	25.7	38.5





#57

1,3-Dichloropropane

Concen: 50.237 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

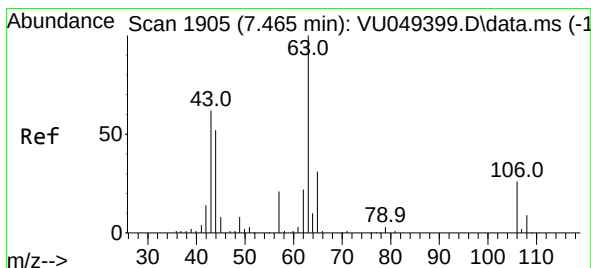
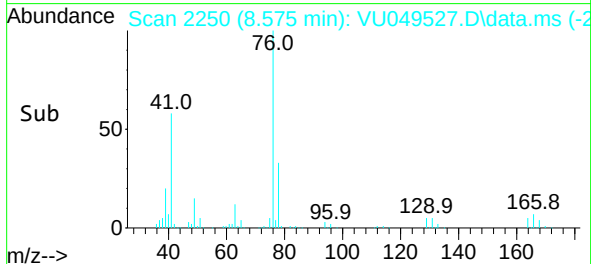
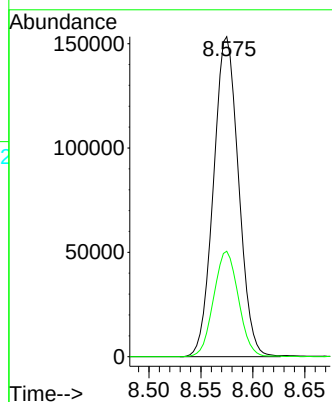
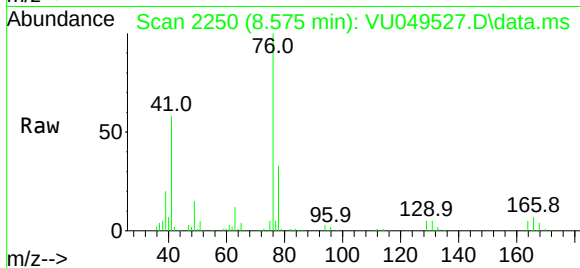
VSTDCCC050EC

Tgt Ion: 76 Resp: 257313

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 394.572 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049527.D

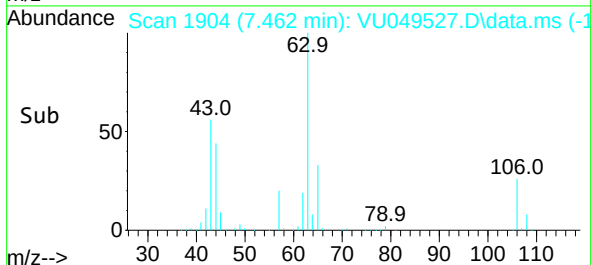
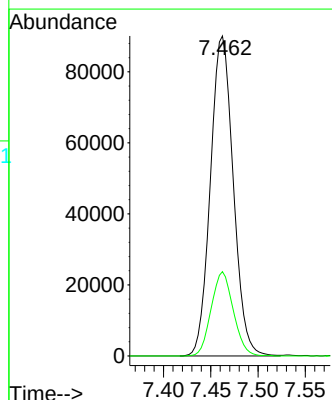
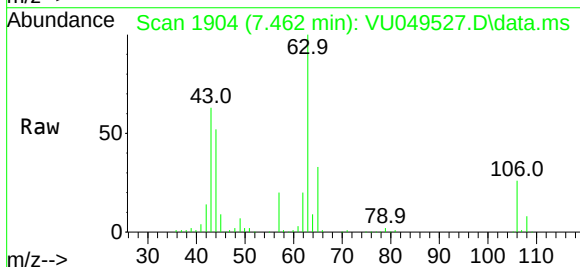
Acq: 29 Jun 2022 20:38

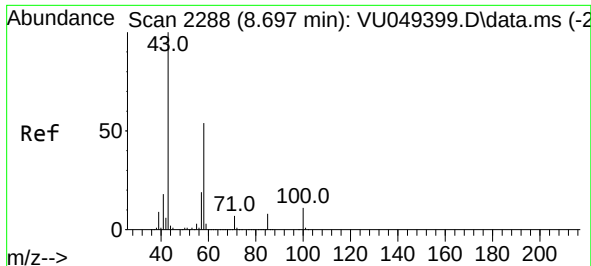
Tgt Ion: 63 Resp: 151595

Ion Ratio Lower Upper

63 100

106 25.5 23.1 34.7

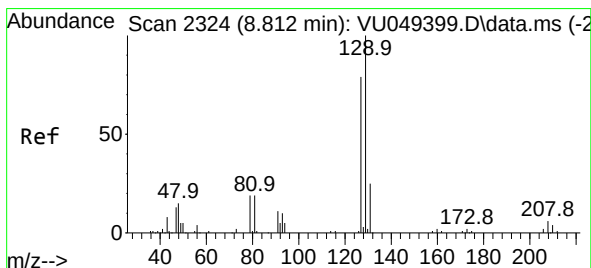
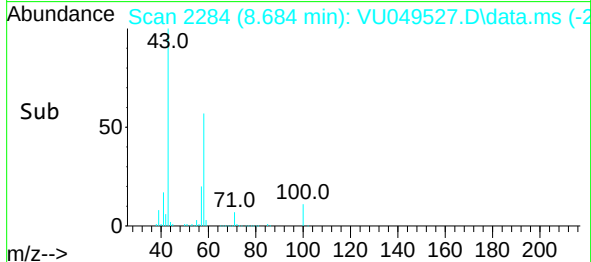
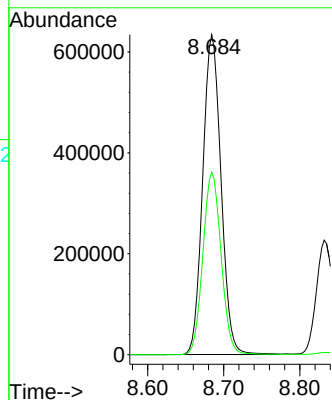
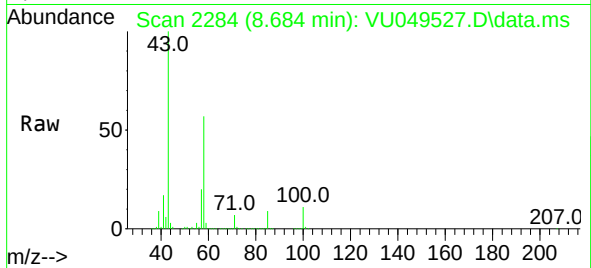




#59
2-Hexanone
Concen: 258.417 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

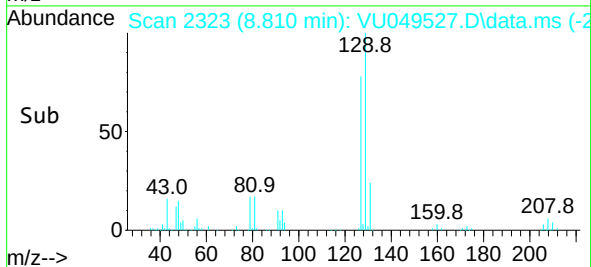
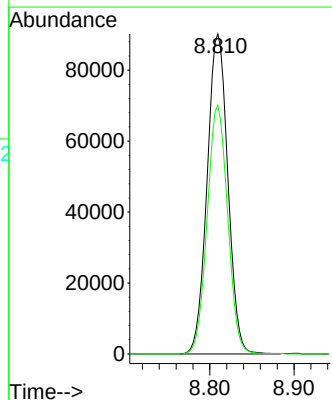
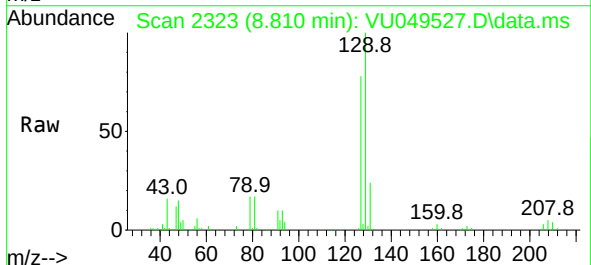
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

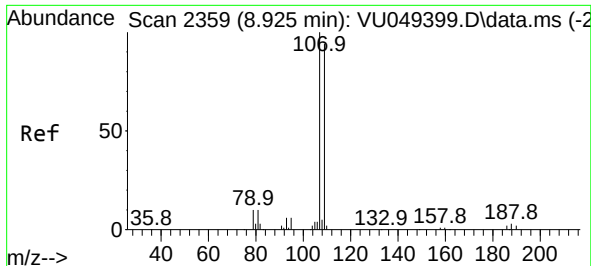
Tgt Ion: 43 Resp: 1059773
Ion Ratio Lower Upper
43 100
58 57.0 30.3 90.8



#60
Dibromochloromethane
Concen: 51.435 ug/l
RT: 8.810 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 129 Resp: 154438
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.706 ug/l

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

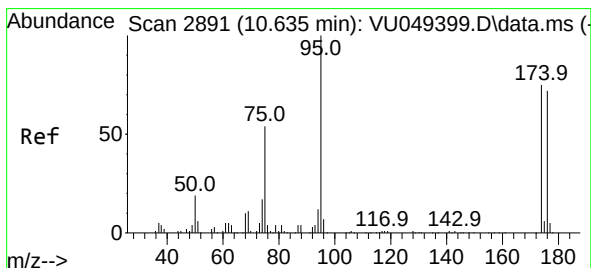
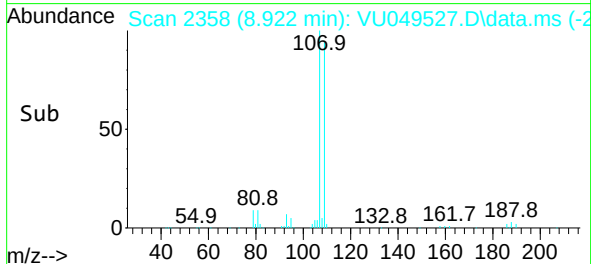
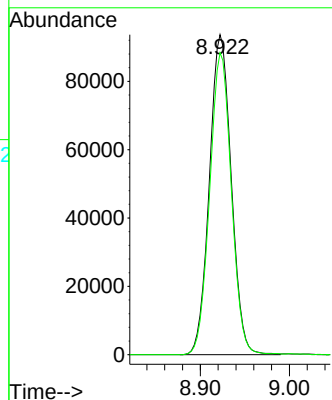
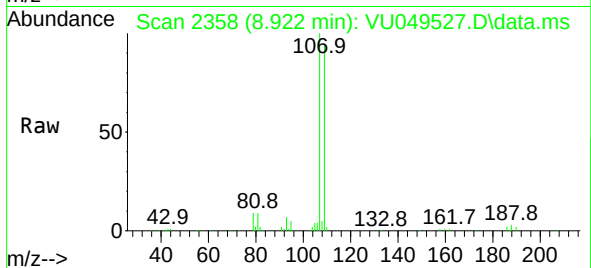
VSTDCCC050EC

Tgt Ion:107 Resp: 159549

Ion Ratio Lower Upper

107 100

109 93.2 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 47.428 ug/l

RT: 10.633 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

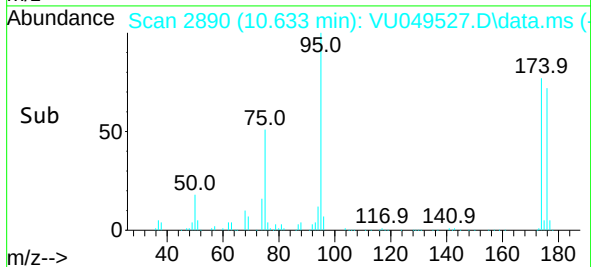
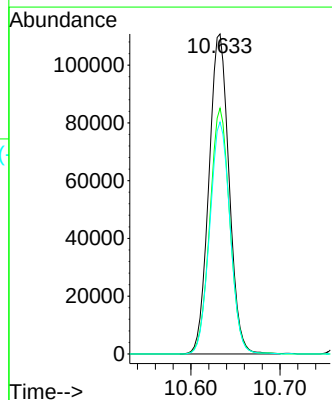
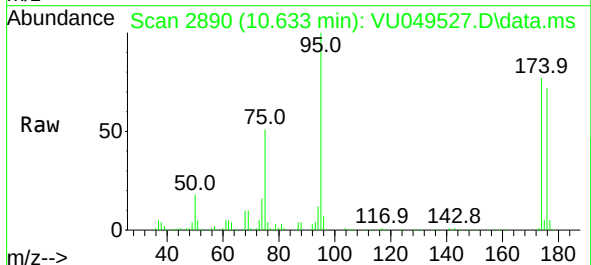
Tgt Ion: 95 Resp: 173926

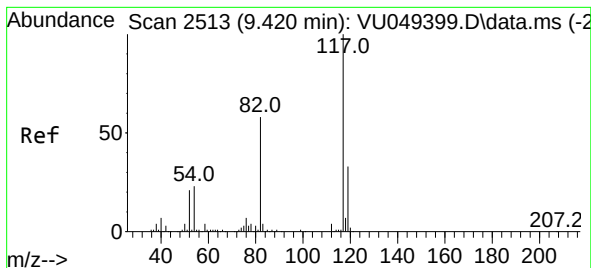
Ion Ratio Lower Upper

95 100

174 76.0 0.0 182.0

176 72.9 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU049527.D

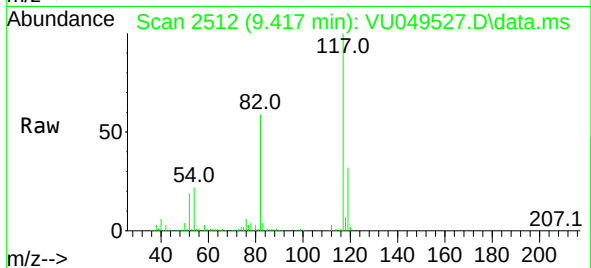
Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



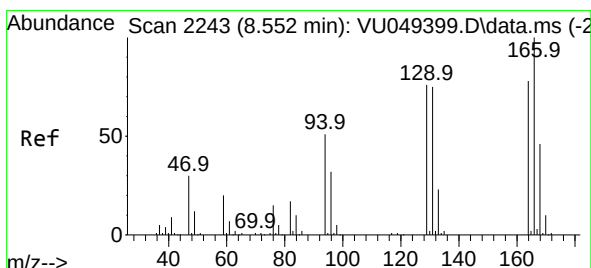
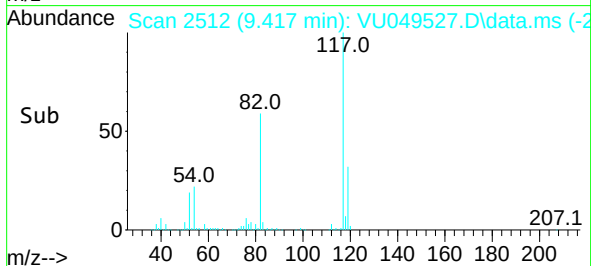
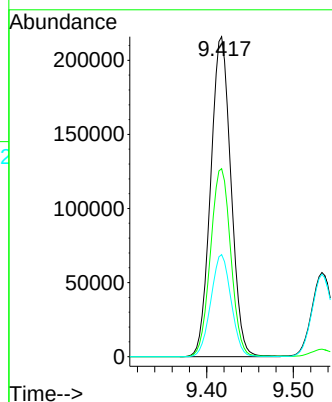
Tgt Ion:117 Resp: 351628

Ion Ratio Lower Upper

117 100

82 58.8 41.7 62.5

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 48.742 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Tgt Ion:164 Resp: 109929

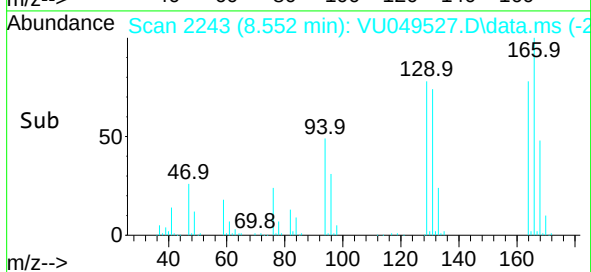
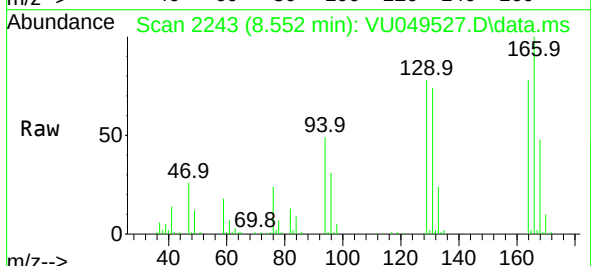
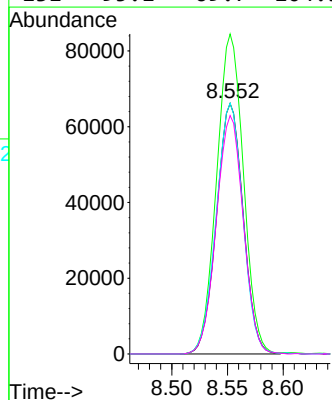
Ion Ratio Lower Upper

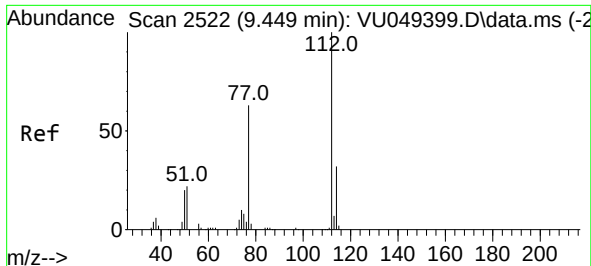
164 100

166 127.7 100.0 150.0

129 100.1 72.0 108.0

131 95.1 69.7 104.5

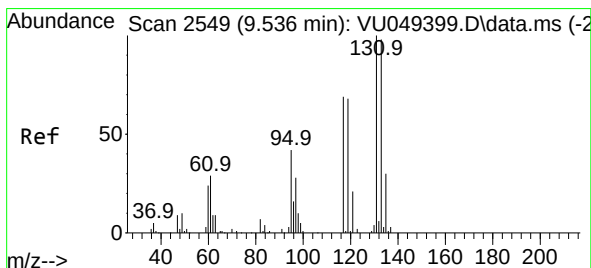
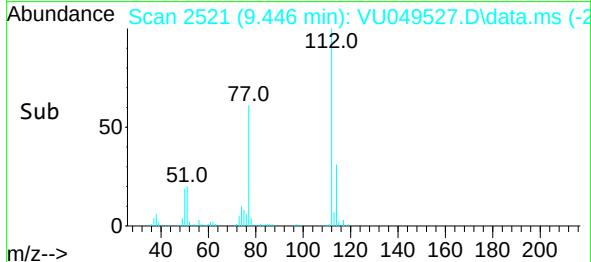
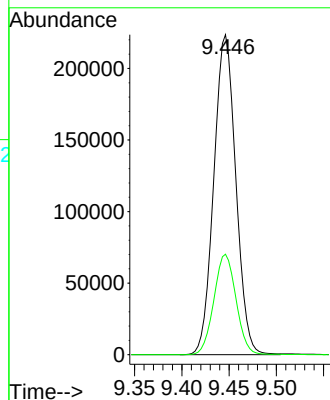
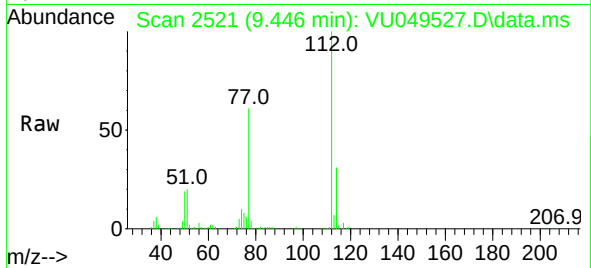




#65
Chlorobenzene
Concen: 50.397 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

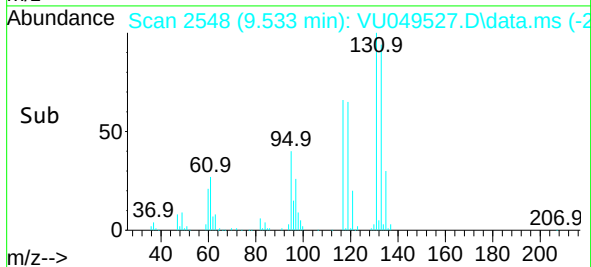
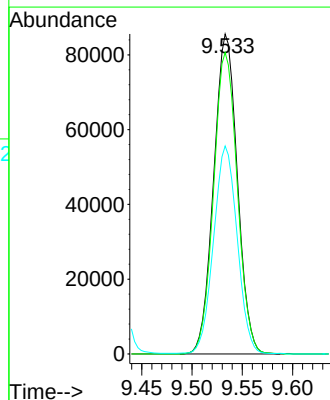
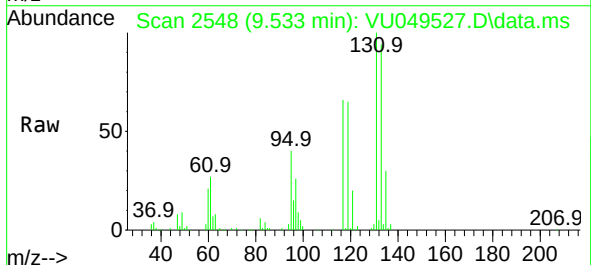
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

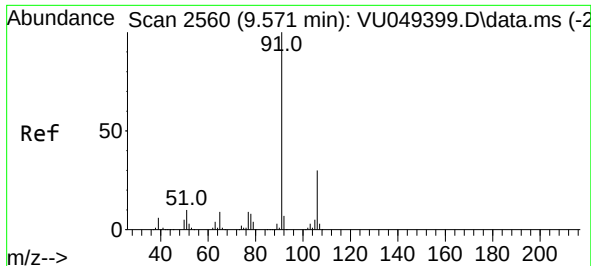
Tgt Ion:112 Resp: 362284
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.600 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:131 Resp: 139929
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.7 33.9 101.6





#67

Ethyl Benzene

Concen: 50.495 ug/l

RT: 9.568 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

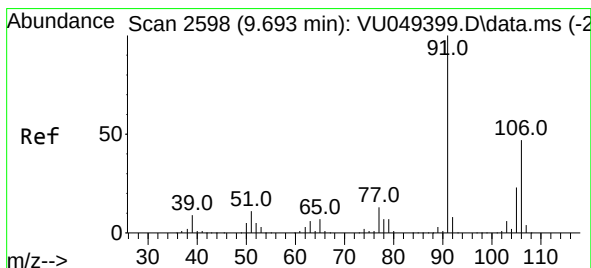
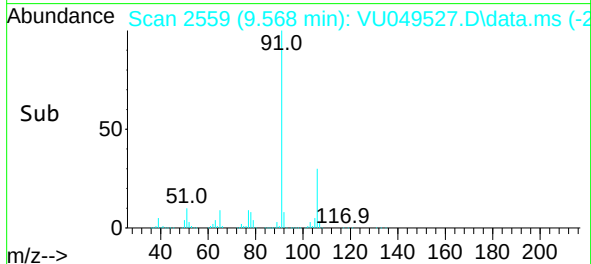
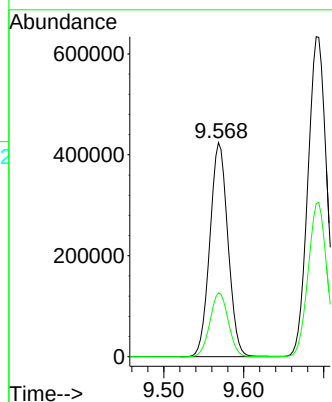
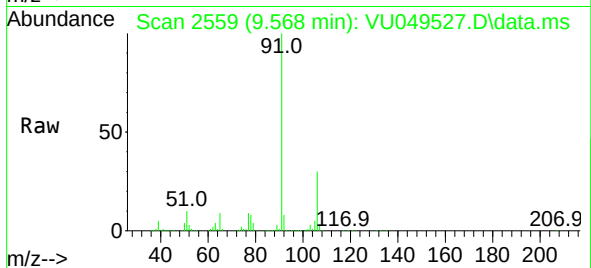
VSTDCCC050EC

Tgt Ion: 91 Resp: 666386

Ion Ratio Lower Upper

91 100

106 29.9 25.6 38.4



#68

m/p-Xylenes

Concen: 102.413 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049527.D

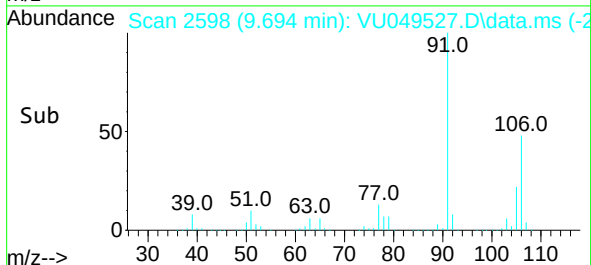
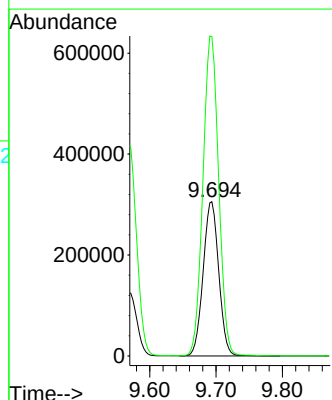
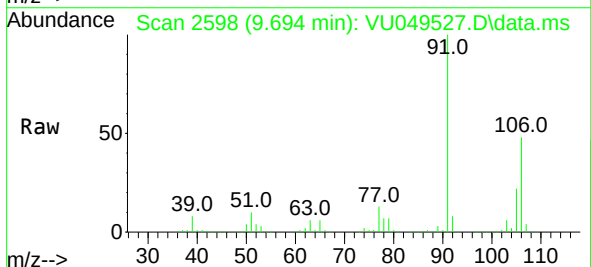
Acq: 29 Jun 2022 20:38

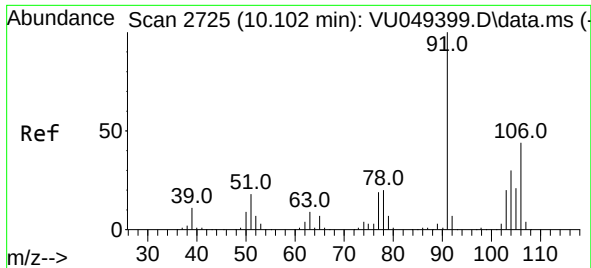
Tgt Ion:106 Resp: 500084

Ion Ratio Lower Upper

106 100

91 209.4 157.2 235.8

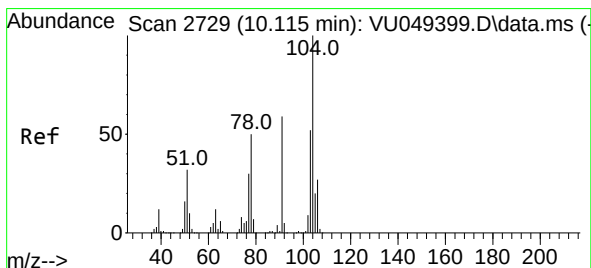
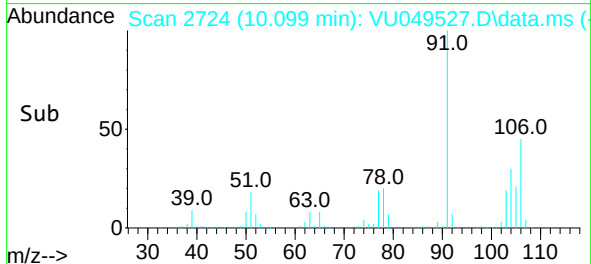
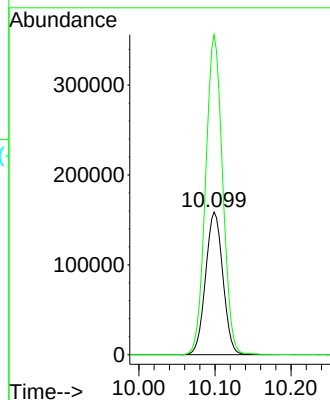
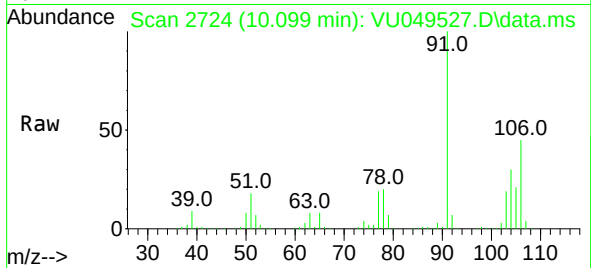




#69
o-Xylene
Concen: 51.710 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

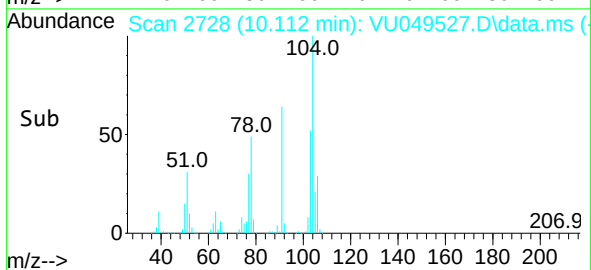
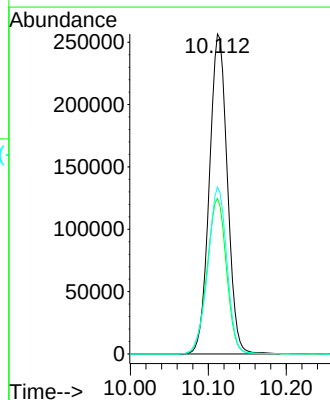
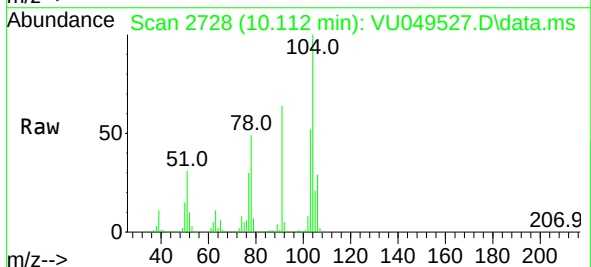
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

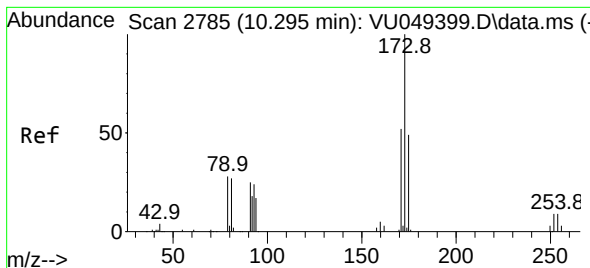
Tgt Ion:106 Resp: 250668
Ion Ratio Lower Upper
106 100
91 221.3 103.5 310.5



#70
Styrene
Concen: 52.995 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:104 Resp: 412780
Ion Ratio Lower Upper
104 100
78 52.5 38.0 57.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 51.650 ug/l

RT: 10.289 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

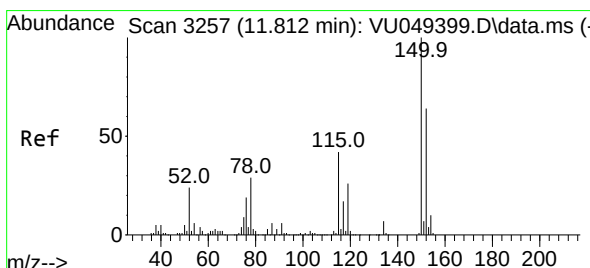
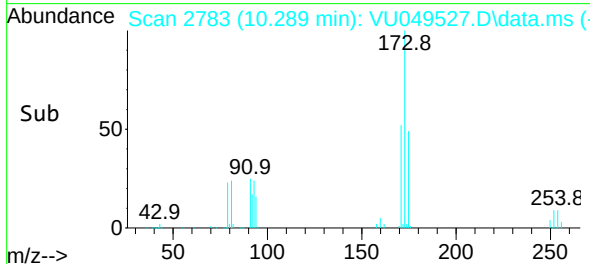
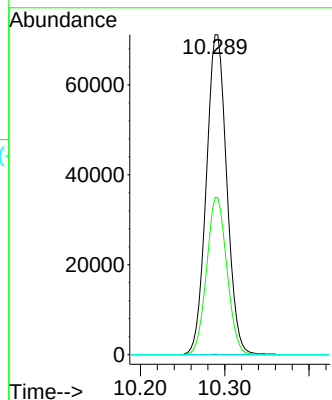
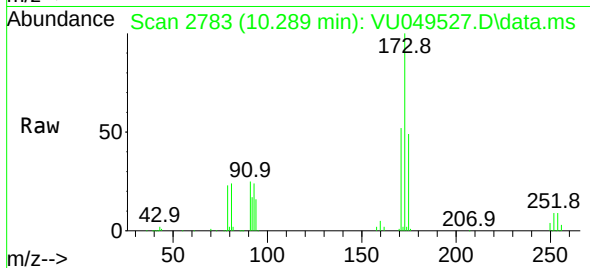
Tgt Ion:173 Resp: 120129

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

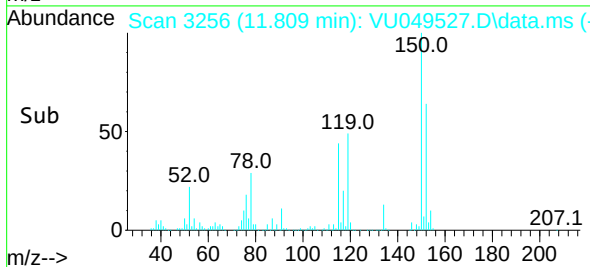
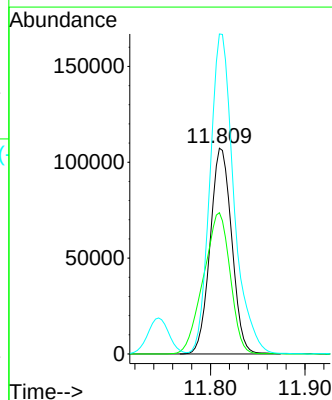
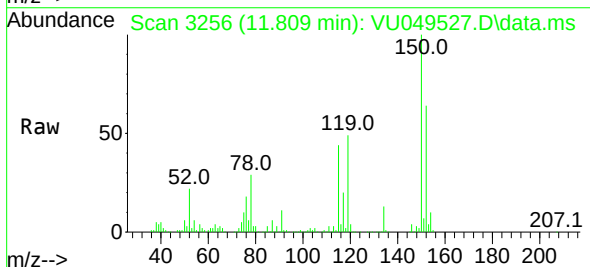
Tgt Ion:152 Resp: 170351

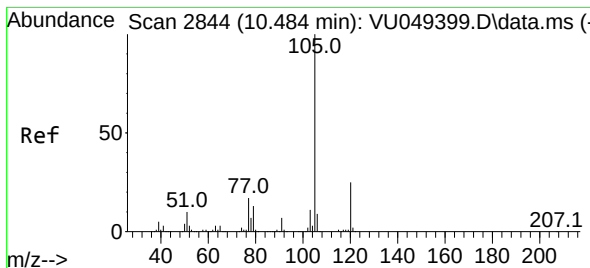
Ion Ratio Lower Upper

152 100

115 84.8 37.0 110.9

150 172.6 0.0 342.2





#73

Isopropylbenzene

Concen: 52.446 ug/l

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

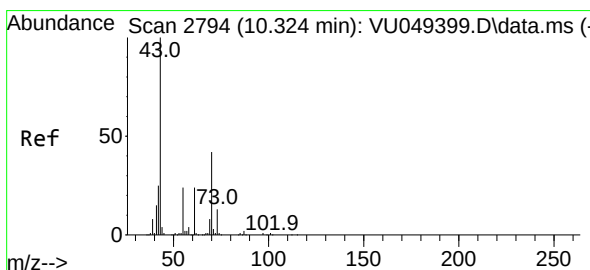
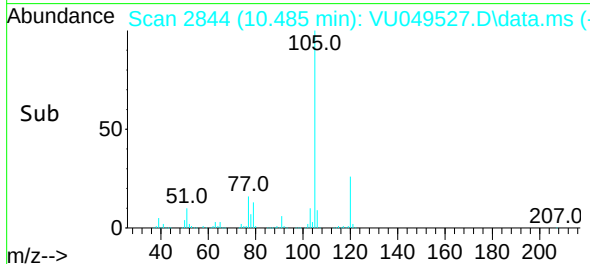
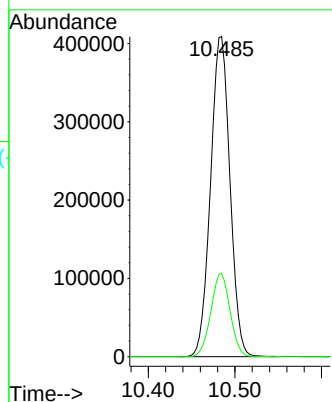
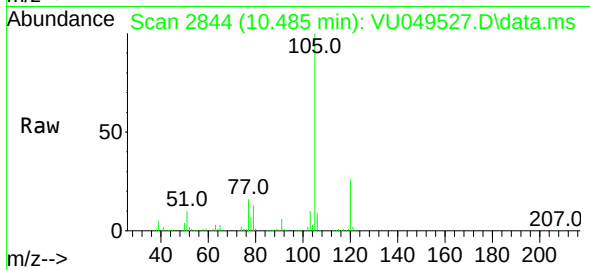
VSTDCCC050EC

Tgt Ion:105 Resp: 636444

Ion Ratio Lower Upper

105 100

120 25.7 13.8 41.4



#74

N-ethyl acetate

Concen: 52.592 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Tgt Ion: 43 Resp: 337783

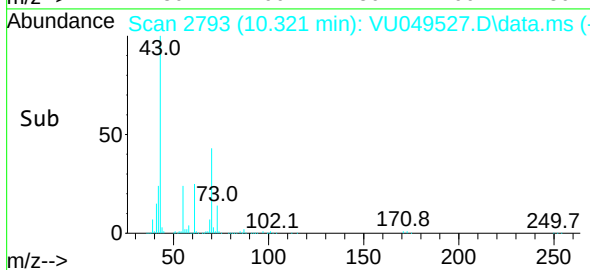
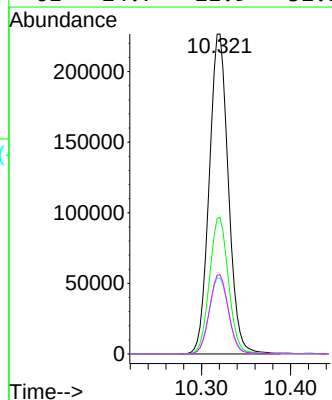
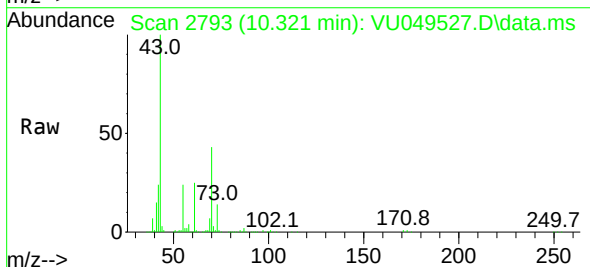
Ion Ratio Lower Upper

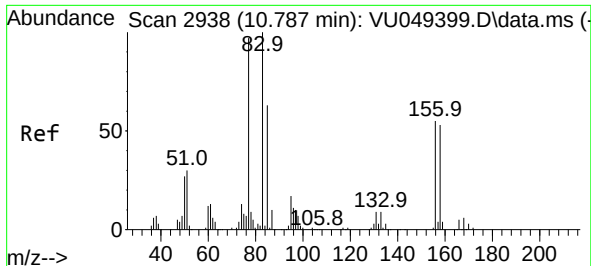
43 100

70 42.6 38.7 58.1

55 24.5 21.8 32.8

61 24.7 21.9 32.9

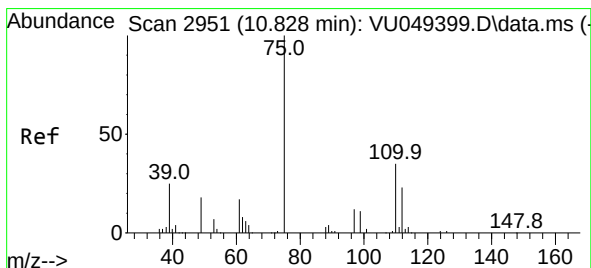
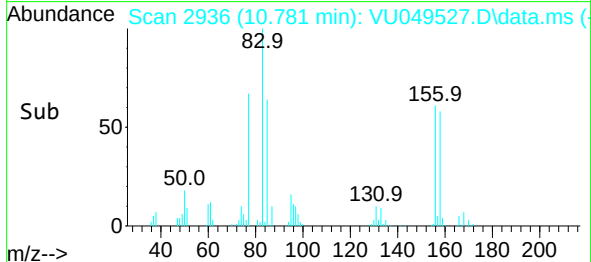
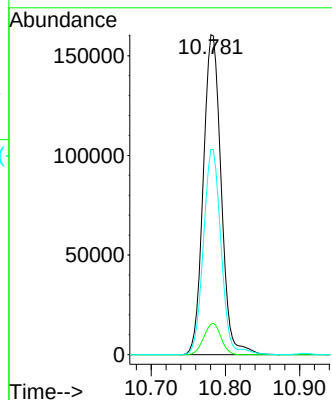
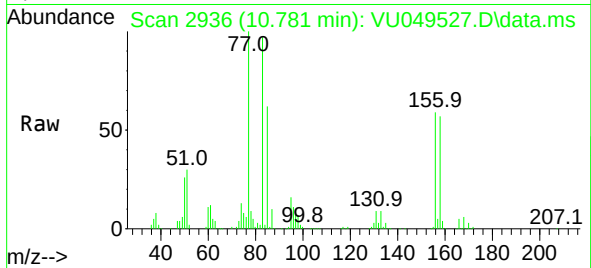




#75
1,1,2,2-Tetrachloroethane
Concen: 52.067 ug/l
RT: 10.781 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

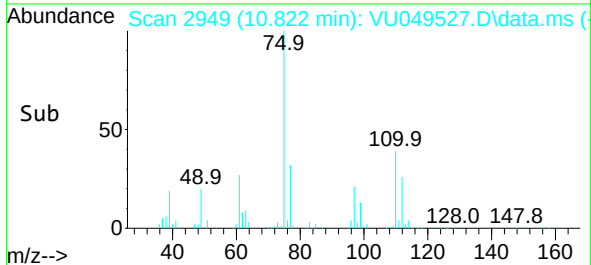
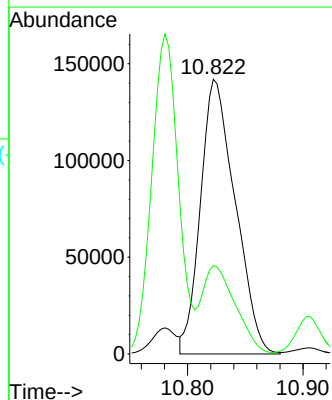
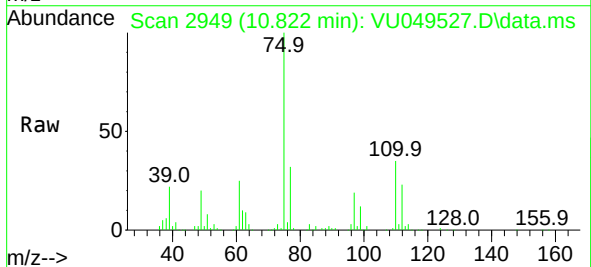
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

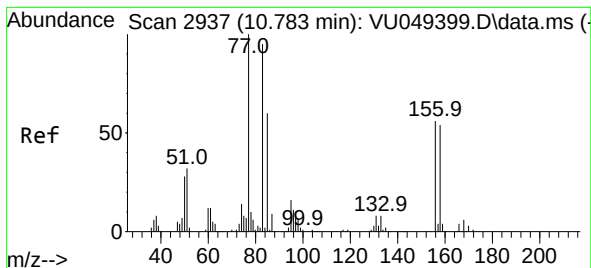
Tgt Ion: 83 Resp: 267646
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 63.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 51.284 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 75 Resp: 296151
Ion Ratio Lower Upper
75 100
77 31.0 15.8 47.3





#77

Bromobenzene

Concen: 52.462 ug/l

RT: 10.781 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

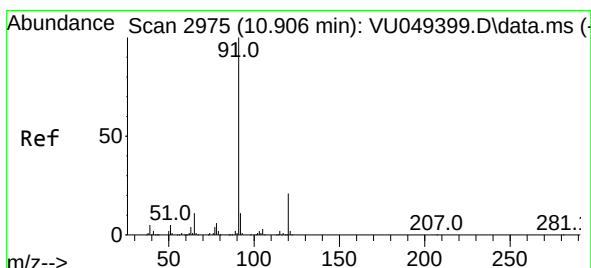
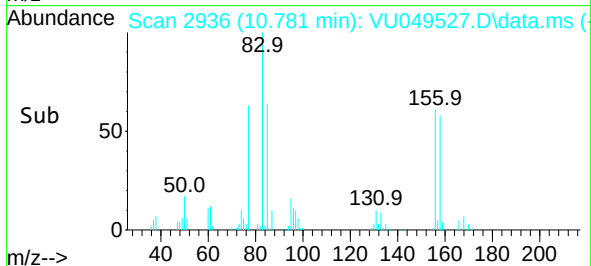
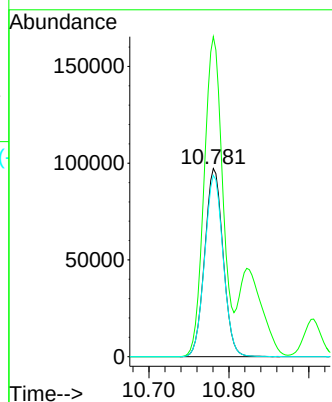
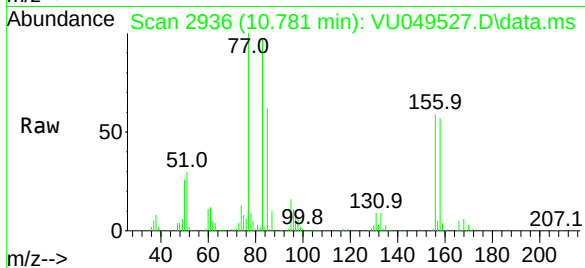
Tgt Ion:156 Resp: 155398

Ion Ratio Lower Upper

156 100

77 171.6 71.9 215.6

158 97.1 48.9 146.8



#78

n-propylbenzene

Concen: 50.594 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU049527.D

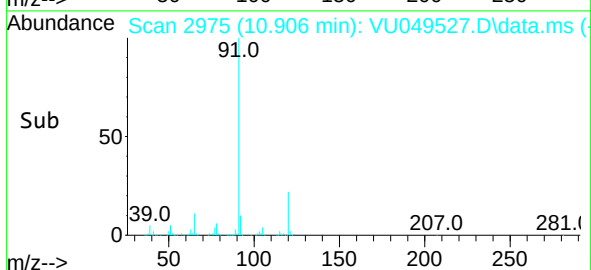
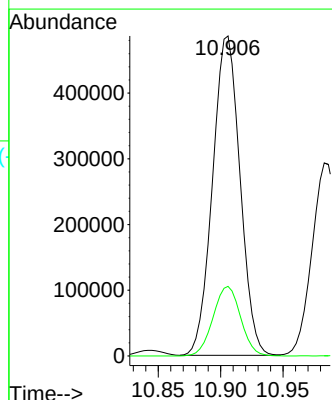
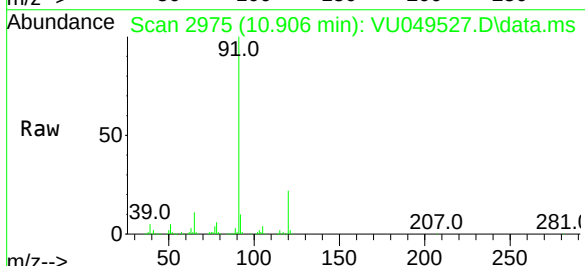
Acq: 29 Jun 2022 20:38

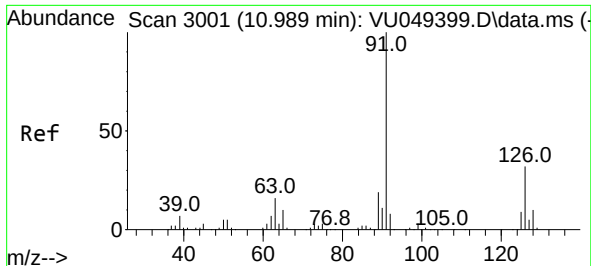
Tgt Ion: 91 Resp: 746032

Ion Ratio Lower Upper

91 100

120 21.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.299 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.006 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

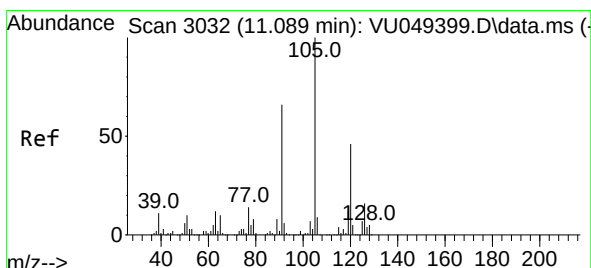
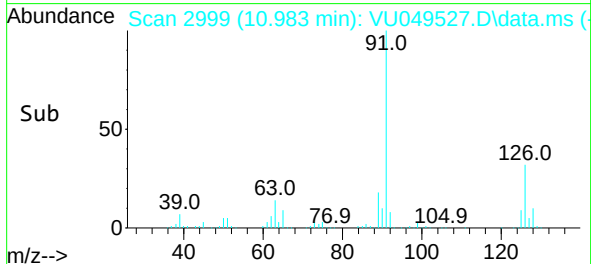
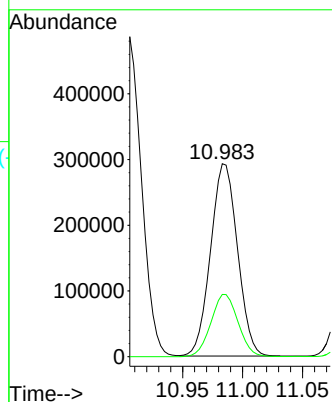
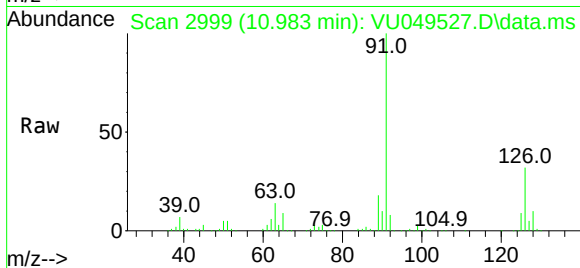
VSTDCCC050EC

Tgt Ion: 91 Resp: 456958

Ion Ratio Lower Upper

91 100

126 32.6 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 51.175 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU049527.D

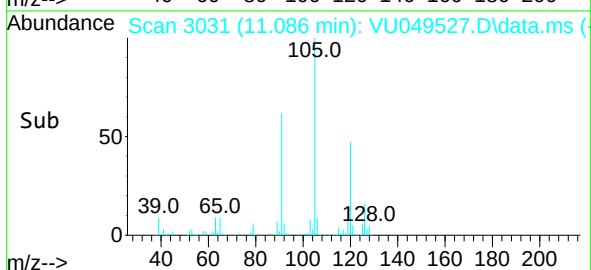
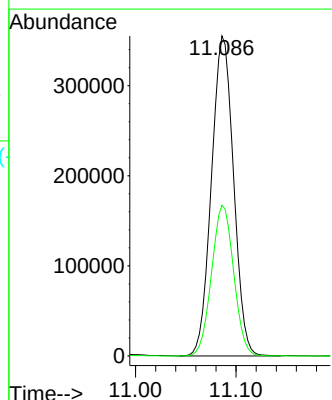
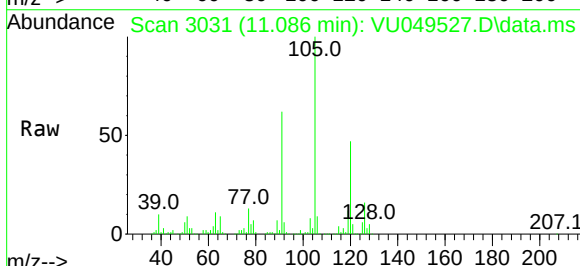
Acq: 29 Jun 2022 20:38

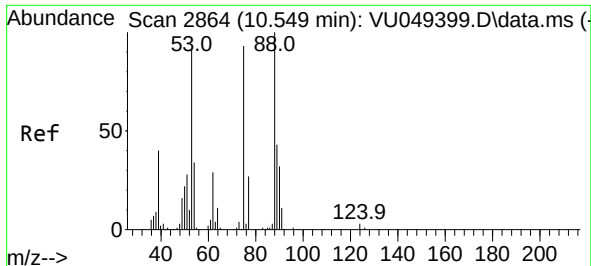
Tgt Ion:105 Resp: 542151

Ion Ratio Lower Upper

105 100

120 47.1 25.3 75.9

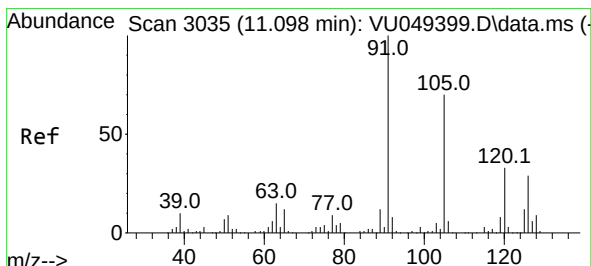
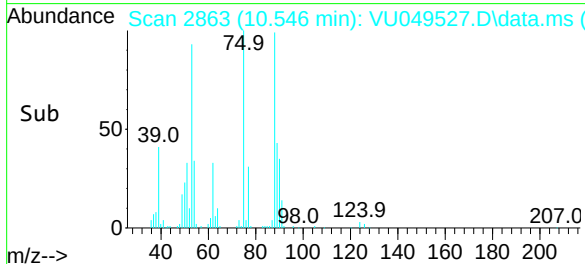
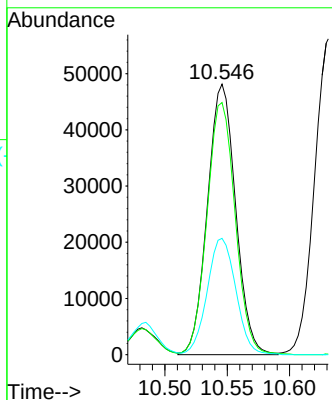
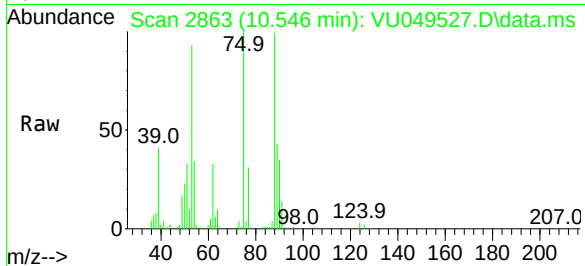




#81
trans-1,4-Dichloro-2-butene
Concen: 48.567 ug/l
RT: 10.546 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

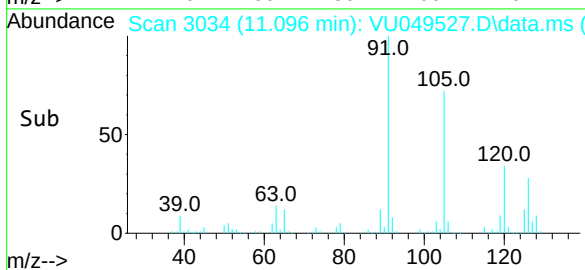
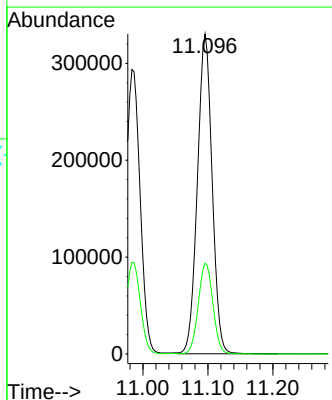
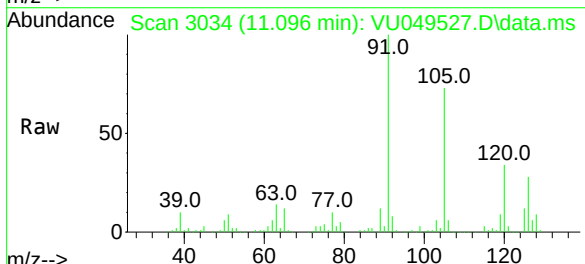
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

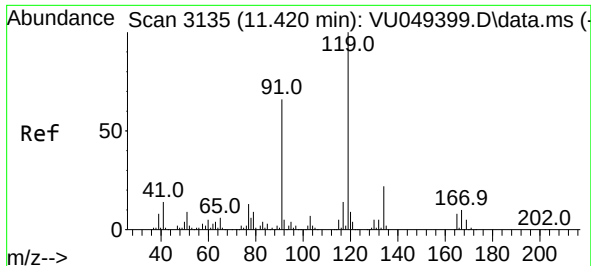
Tgt Ion: 75 Resp: 75946
Ion Ratio Lower Upper
75 100
53 93.3 69.2 103.8
89 43.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 51.005 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion: 91 Resp: 521149
Ion Ratio Lower Upper
91 100
126 28.2 16.1 48.2

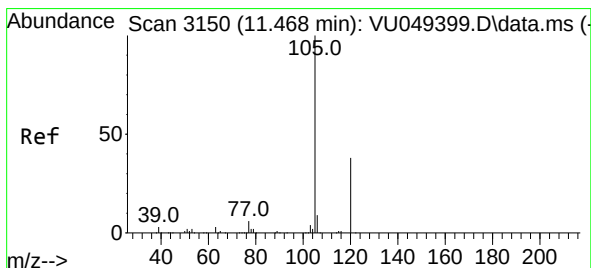
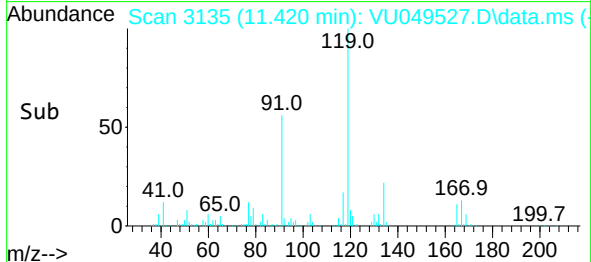
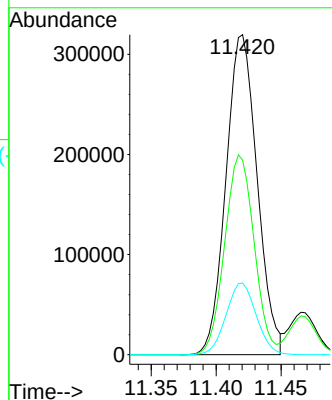
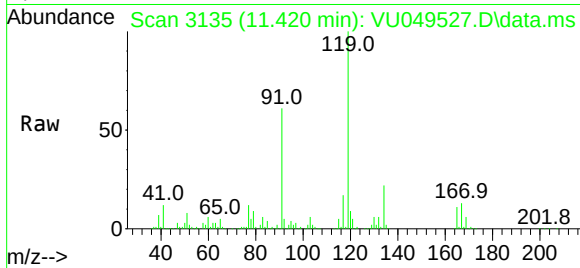




#83
tert-Butylbenzene
Concen: 51.288 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

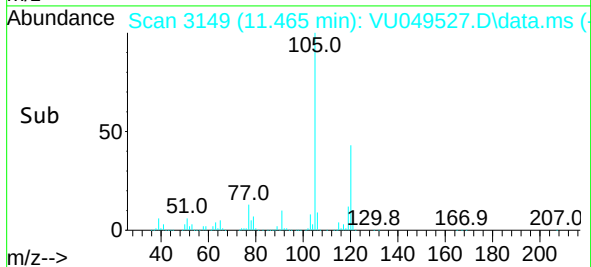
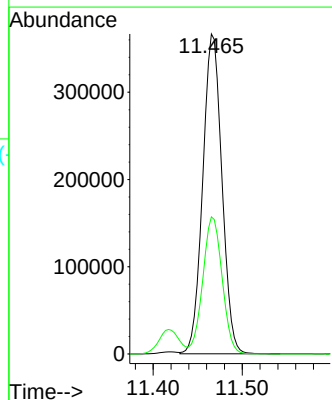
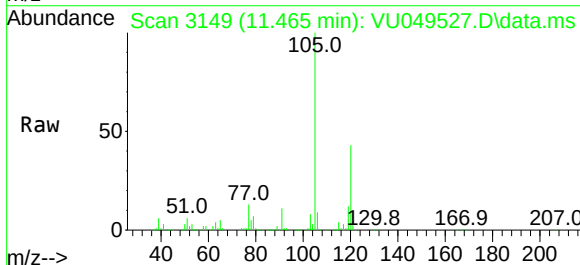
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

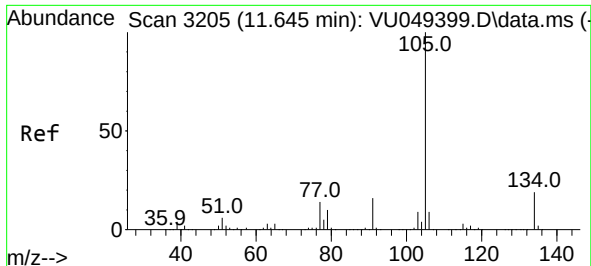
Tgt Ion:119 Resp: 534431
Ion Ratio Lower Upper
119 100
91 58.9 26.8 80.3
134 21.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 52.643 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:105 Resp: 547892
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3

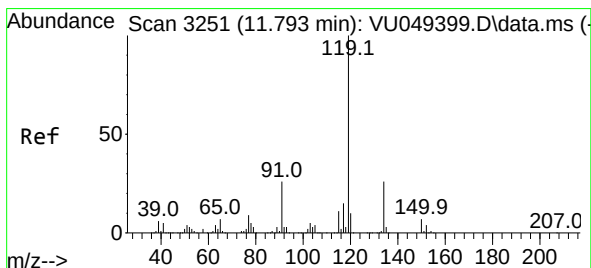
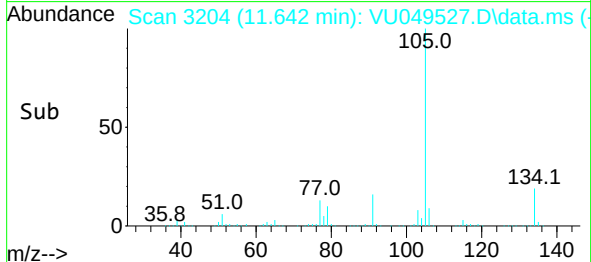
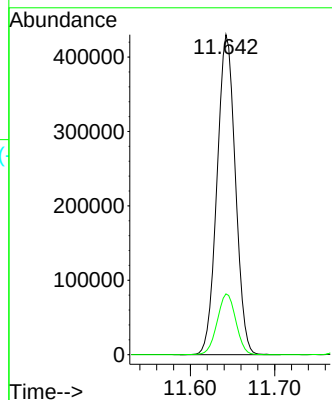
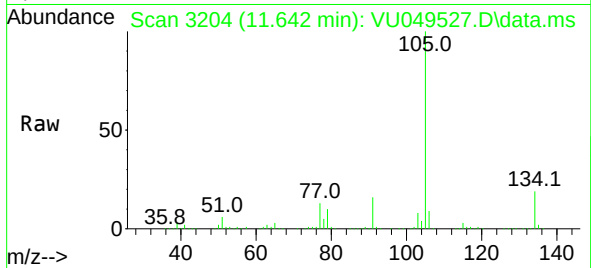




#85
 sec-Butylbenzene
 Concen: 49.579 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

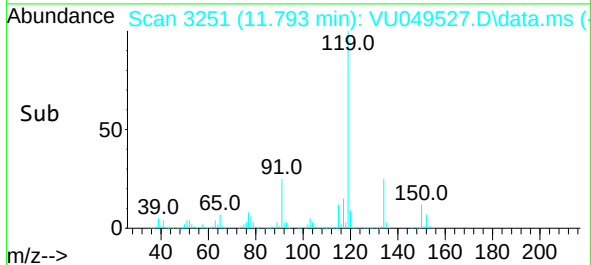
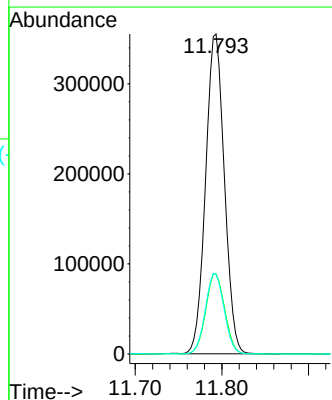
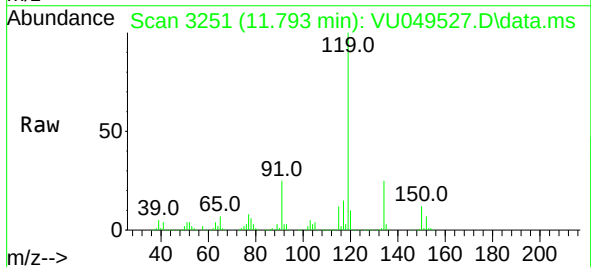
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

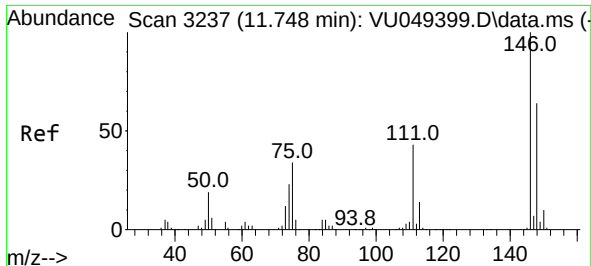
Tgt Ion:105 Resp: 649530
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.454 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049527.D
 Acq: 29 Jun 2022 20:38

Tgt Ion:119 Resp: 534550
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.4
 91 25.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.836 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

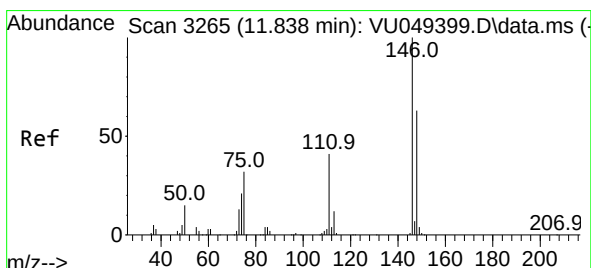
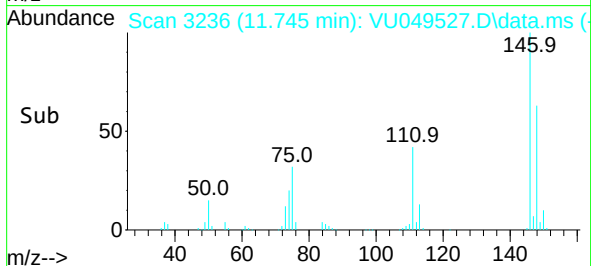
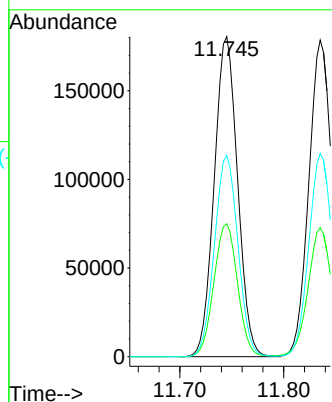
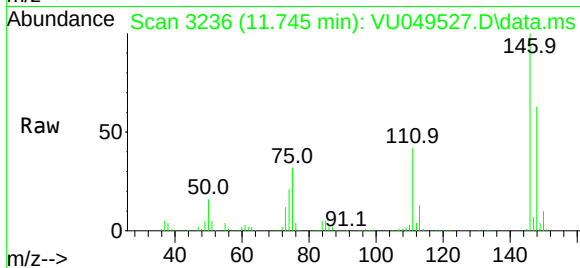
Tgt Ion:146 Resp: 282220

Ion Ratio Lower Upper

146 100

111 42.0 18.9 56.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.942 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

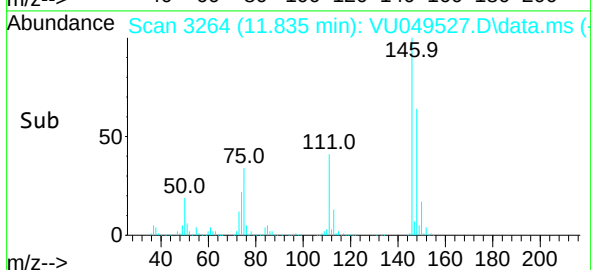
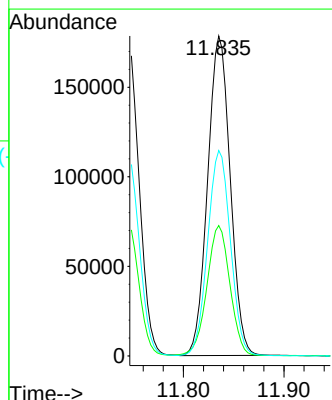
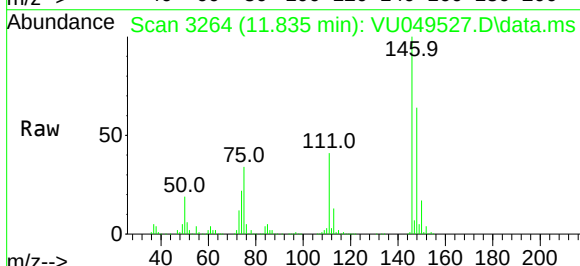
Tgt Ion:146 Resp: 278570

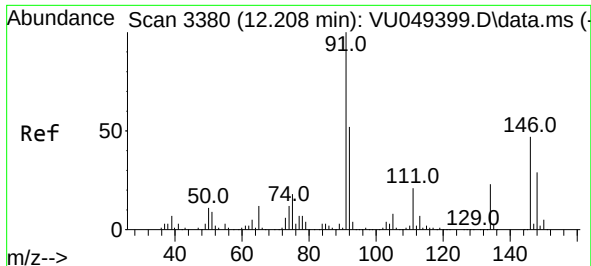
Ion Ratio Lower Upper

146 100

111 41.5 18.5 55.5

148 65.0 31.9 95.7





#89

n-Butylbenzene

Concen: 47.207 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

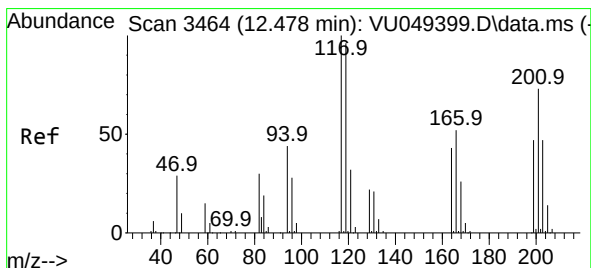
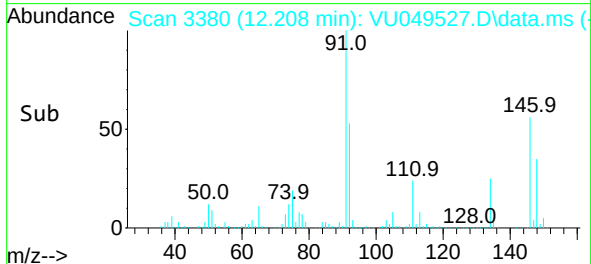
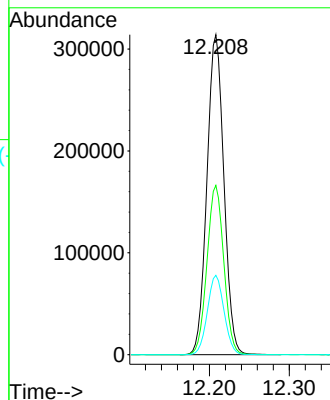
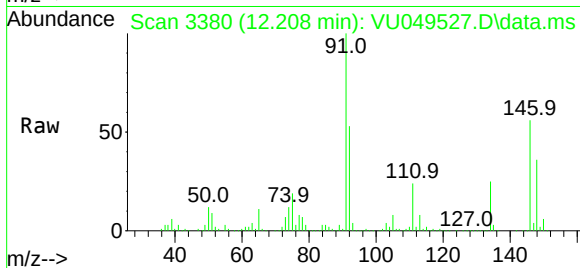
Tgt Ion: 91 Resp: 462980

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

134 24.5 13.5 40.4



#90

Hexachloroethane

Concen: 45.128 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU049527.D

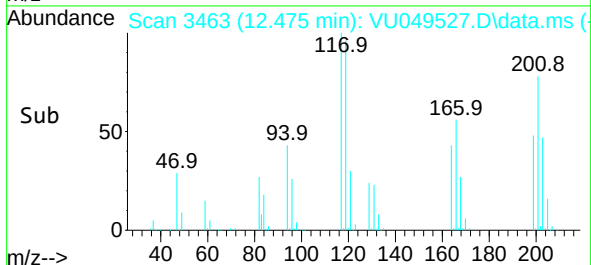
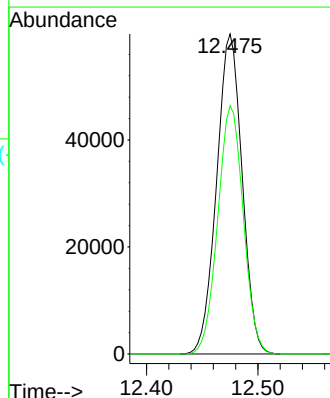
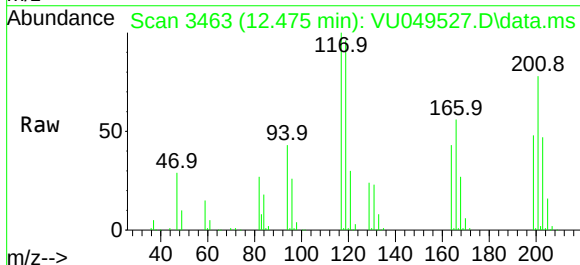
Acq: 29 Jun 2022 20:38

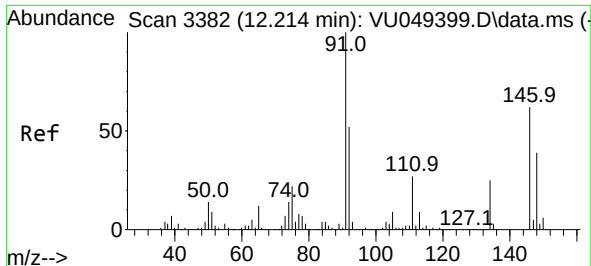
Tgt Ion: 117 Resp: 95231

Ion Ratio Lower Upper

117 100

201 77.7 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 51.372 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

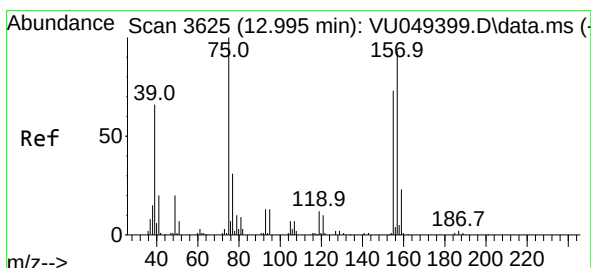
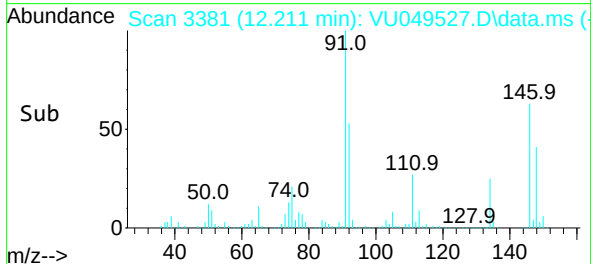
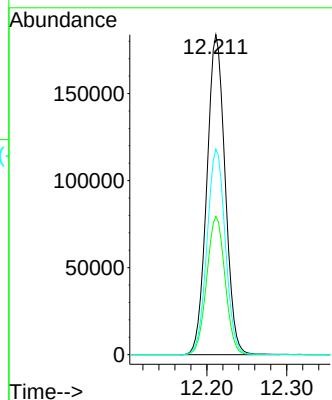
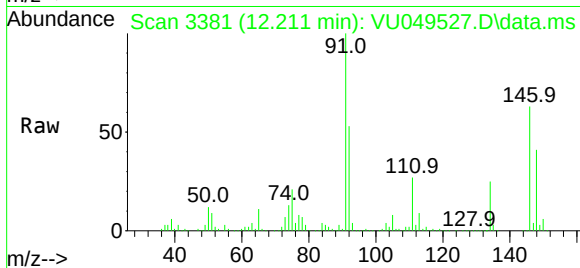
Tgt Ion:146 Resp: 292308

Ion Ratio Lower Upper

146 100

111 43.4 19.9 59.6

148 64.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.311 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049527.D

Acq: 29 Jun 2022 20:38

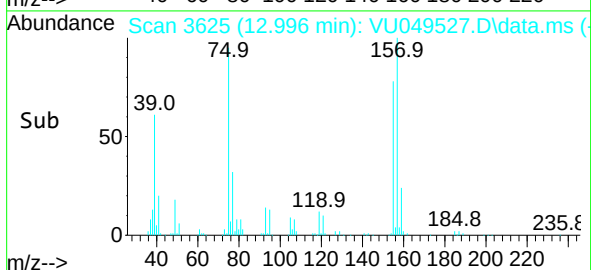
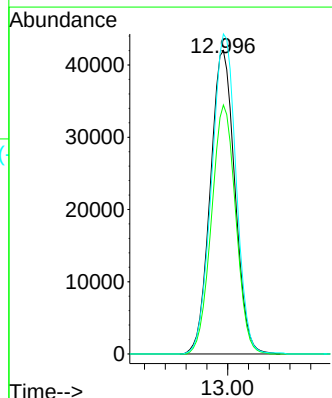
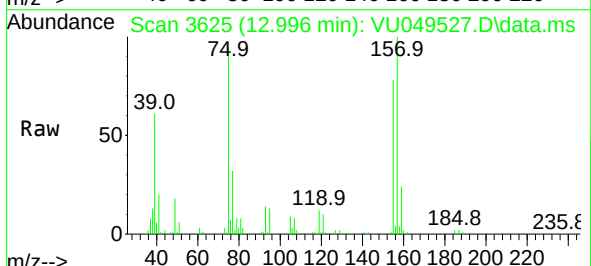
Tgt Ion: 75 Resp: 68951

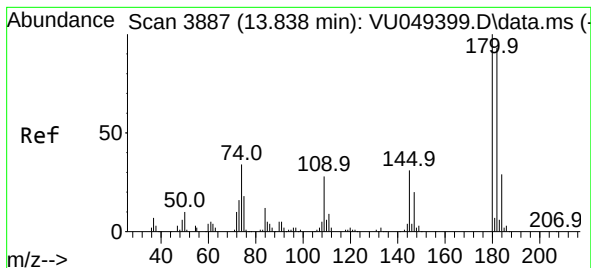
Ion Ratio Lower Upper

75 100

155 80.7 47.8 143.4

157 104.8 62.2 186.5

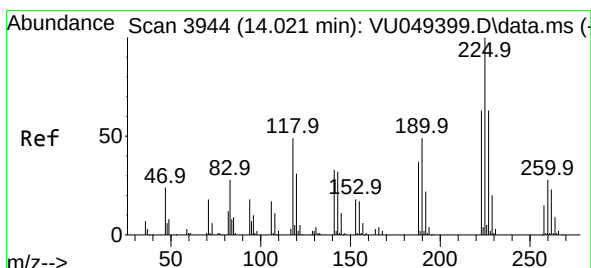
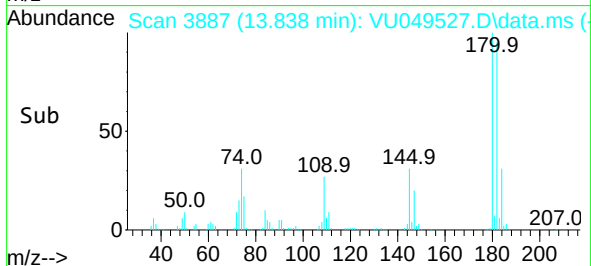
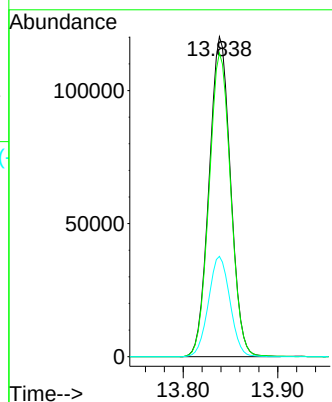
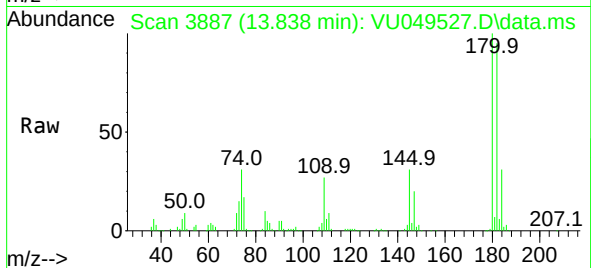




#93
1,2,4-Trichlorobenzene
Concen: 49.639 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

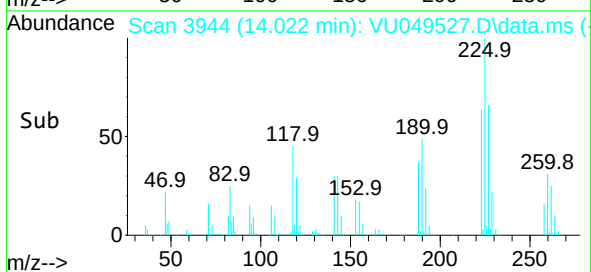
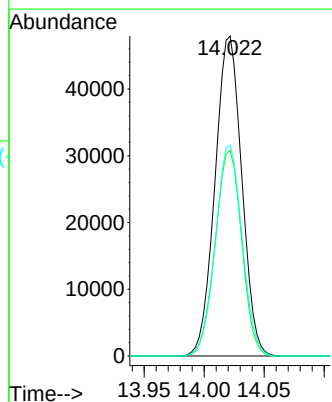
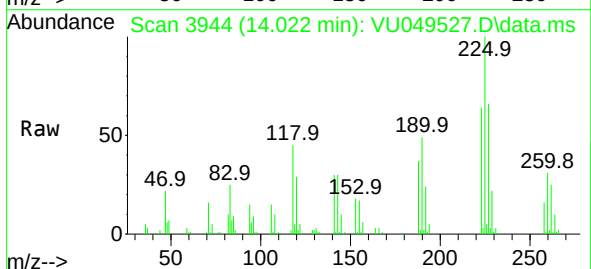
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

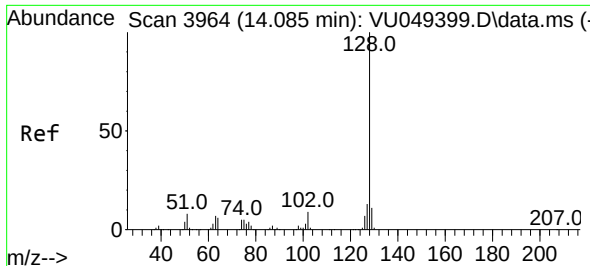
Tgt Ion:180 Resp: 189502
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 31.4 14.0 41.9



#94
Hexachlorobutadiene
Concen: 42.085 ug/l
RT: 14.022 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:225 Resp: 74282
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.9
227 65.5 32.0 96.2

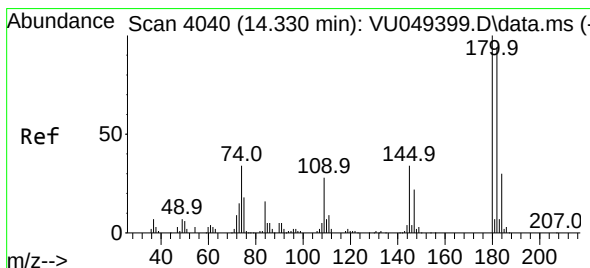
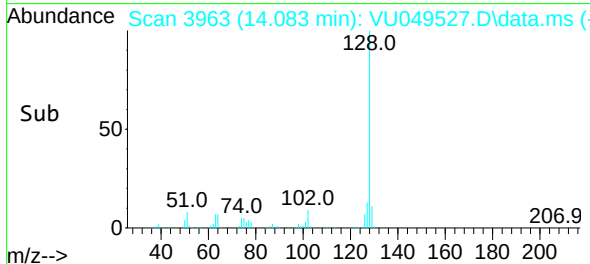
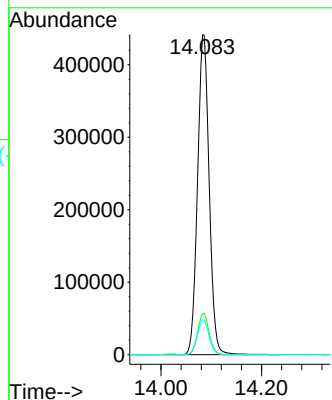
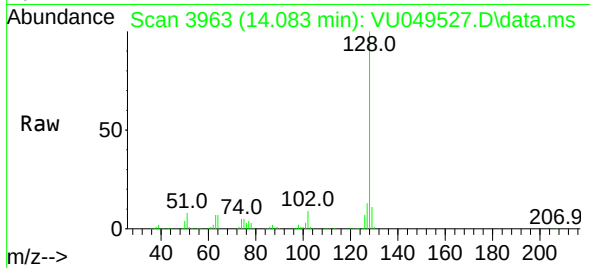




#95
Naphthalene
Concen: 52.953 ug/l
RT: 14.083 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 707640
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.966 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049527.D
Acq: 29 Jun 2022 20:38

Tgt Ion:180 Resp: 196149
Ion Ratio Lower Upper
180 100
182 96.4 48.4 145.0
145 33.7 14.8 44.4

