

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048681.D
 Acq On : 27 May 2022 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 28 00:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	233316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	373923	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	358350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	195369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	153188	43.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.440%
35) Dibromofluoromethane	5.289	113	120445	45.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	7.900	98	424216	44.362	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.720%#
62) 4-Bromofluorobenzene	10.633	95	166983	46.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127005	47.550	ug/l	100
3) Chloromethane	1.524	50	165163	48.035	ug/l	97
4) Vinyl Chloride	1.604	62	159257	50.009	ug/l	98
5) Bromomethane	1.848	94	94175	53.464	ug/l	94
6) Chloroethane	1.929	64	90065	51.586	ug/l	95
7) Trichlorofluoromethane	2.138	101	210317	46.242	ug/l	98
8) Diethyl Ether	2.376	74	81800	48.737	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	116498	46.793	ug/l	99
10) Methyl Iodide	2.723	142	171924	46.701	ug/l	99
11) Tert butyl alcohol	3.173	59	222531	250.499	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	115016	48.434	ug/l	99
13) Acrolein	2.485	56	69565	236.068	ug/l	100
14) Allyl chloride	2.925	41	217257	47.236	ug/l	97
15) Acrylonitrile	3.311	53	503290	261.222	ug/l	98
16) Acetone	2.623	43	438254	245.423	ug/l	100
17) Carbon Disulfide	2.794	76	316655	45.679	ug/l	99
18) Methyl Acetate	2.945	43	244135	54.452	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	441069	48.951	ug/l	97
20) Methylene Chloride	3.044	84	145707	47.983	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	126871	46.706	ug/l	93
22) Diisopropyl ether	3.993	45	443928	52.324	ug/l	94
23) Vinyl Acetate	3.954	43	1956087	266.108	ug/l	99
24) 1,1-Dichloroethane	3.871	63	260680	48.922	ug/l	99
25) 2-Butanone	4.697	43	679690	264.952	ug/l	99
26) 2,2-Dichloropropane	4.665	77	145915	30.524	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	148627	47.271	ug/l	96
28) Bromochloromethane	4.974	49	108007	51.677	ug/l	97
29) Tetrahydrofuran	5.048	42	434870	269.122	ug/l	99
30) Chloroform	5.089	83	261382	49.025	ug/l	99
31) Cyclohexane	5.388	56	218467	49.474	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	234048	48.387	ug/l	99
36) 1,1-Dichloropropene	5.527	75	184832	47.473	ug/l	99
37) Ethyl Acetate	4.800	43	249602	50.712	ug/l	99
38) Carbon Tetrachloride	5.527	117	203767	45.619	ug/l	97
39) Methylcyclohexane	6.765	83	199885	48.963	ug/l	99
40) Benzene	5.774	78	552691	48.083	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	131548	52.889	ug/l	99
42) 1,2-Dichloroethane	5.794	62	213544	47.459	ug/l	100
43) Isopropyl Acetate	5.909	43	363138	50.833	ug/l	100
44) Trichloroethene	6.543	130	143403	48.425	ug/l	98
45) 1,2-Dichloropropane	6.790	63	152601	52.735	ug/l	100
46) Dibromomethane	6.919	93	106950	49.469	ug/l	99
47) Bromodichloromethane	7.105	83	210206	48.080	ug/l	98
48) Methyl methacrylate	6.961	41	172094	53.662	ug/l	99
49) 1,4-Dioxane	6.961	88	75959	1059.539	ug/l	100
51) 4-Methyl-2-Pentanone	7.790	43	1284056	276.818	ug/l	99
52) Toluene	7.970	92	345144	50.200	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	219143	46.466	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	233497	47.778	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	147859	48.728	ug/l	99
56) Ethyl methacrylate	8.334	69	234580	48.979	ug/l	99
57) 1,3-Dichloropropane	8.575	76	254065	49.748	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	222308	210.399	ug/l	98
59) 2-Hexanone	8.684	43	1011617	265.644	ug/l	100
60) Dibromochloromethane	8.809	129	160991	47.331	ug/l	99
61) 1,2-Dibromoethane	8.925	107	154333	46.184	ug/l	98
64) Tetrachloroethene	8.555	164	124493	50.030	ug/l	97
65) Chlorobenzene	9.446	112	375986	49.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	142016	49.365	ug/l	98
67) Ethyl Benzene	9.572	91	663881	51.935	ug/l	98
68) m/p-Xylenes	9.694	106	526205	105.250	ug/l	100
69) o-Xylene	10.102	106	253271	51.563	ug/l	99
70) Styrene	10.115	104	435923	53.956	ug/l	99
71) Bromoform	10.292	173	136103	51.168	ug/l #	98
73) Isopropylbenzene	10.485	105	663445	52.600	ug/l	99
74) N-amyl acetate	10.317	43	304787	47.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	265374	51.557	ug/l	99
76) 1,2,3-Trichloropropane	10.826	75	310065	49.223	ug/l	99
77) Bromobenzene	10.784	156	171172	50.533	ug/l	98
78) n-propylbenzene	10.906	91	807342	53.718	ug/l	100
79) 2-Chlorotoluene	10.986	91	480077	51.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	593705	54.128	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	78393	45.186	ug/l	99
82) 4-Chlorotoluene	11.096	91	575125	53.333	ug/l	98
83) tert-Butylbenzene	11.420	119	563946	53.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	595172	50.340	ug/l	99
85) sec-Butylbenzene	11.642	105	707070	53.688	ug/l	100
86) p-Isopropyltoluene	11.793	119	610973	54.021	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	335549	50.524	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	341252	49.735	ug/l	99
89) n-Butylbenzene	12.208	91	530355	46.986	ug/l	100
90) Hexachloroethane	12.475	117	109231	47.324	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	327008	48.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	76651	51.721	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	208350	47.324	ug/l	99
94) Hexachlorobutadiene	14.022	225	92762	43.957	ug/l	100
95) Naphthalene	14.086	128	664129	43.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	213224	48.898	ug/l	99

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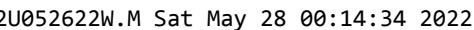
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MSVOA_U
ClientSampleId :
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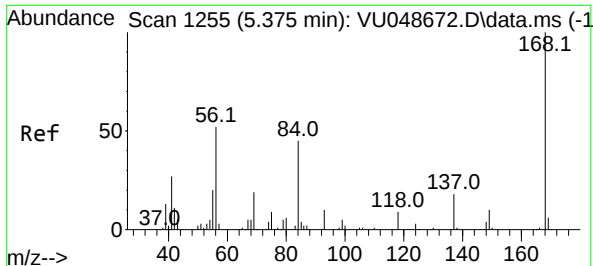
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QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

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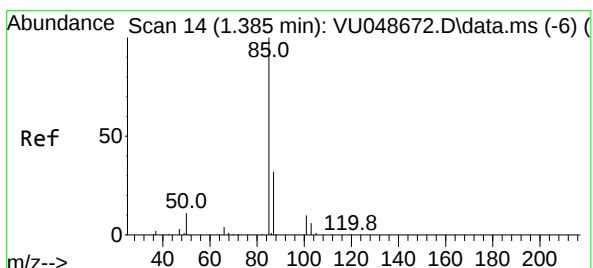
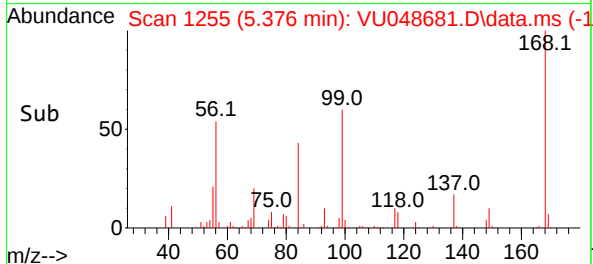
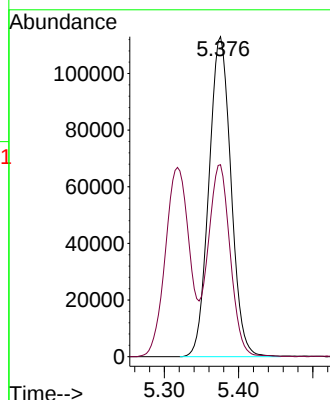
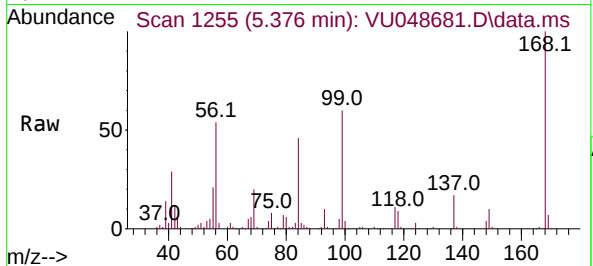




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

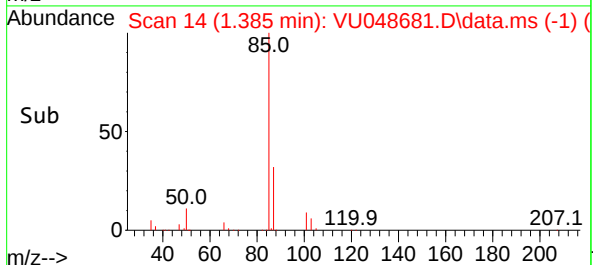
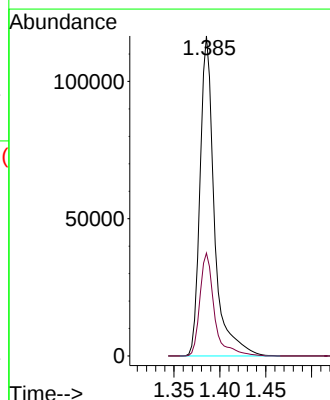
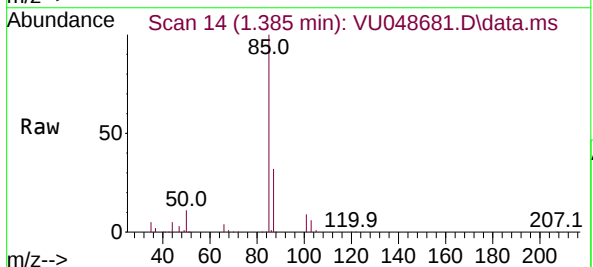
Instrument :
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ClientSampleId :
VSTDCCC050

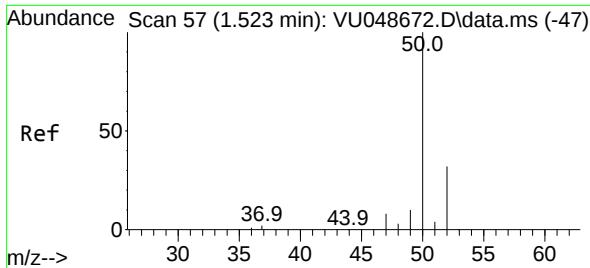
Tgt Ion:168 Resp: 233316
Ion Ratio Lower Upper
168 100
99 59.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.550 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 85 Resp: 127005
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

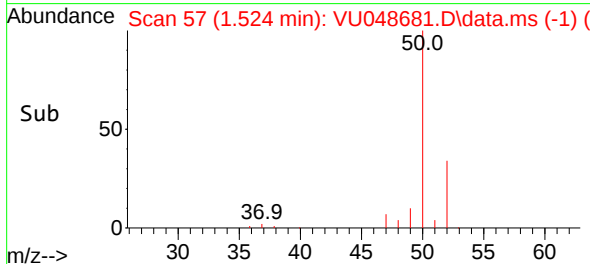
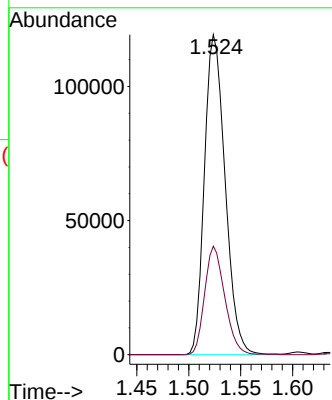
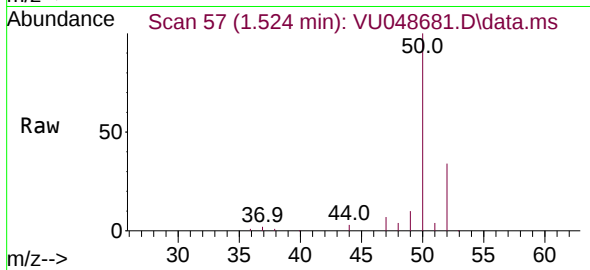




#3
Chloromethane
Concen: 48.035 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

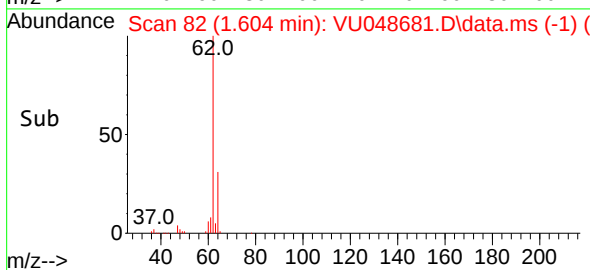
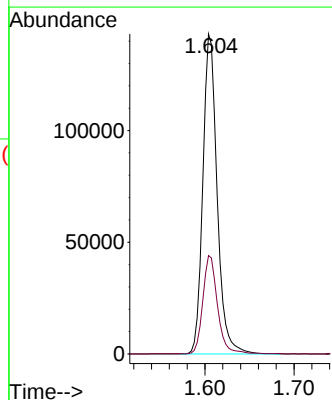
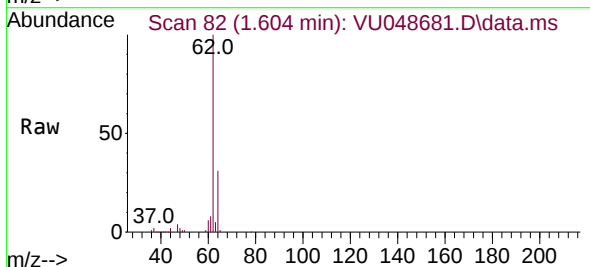
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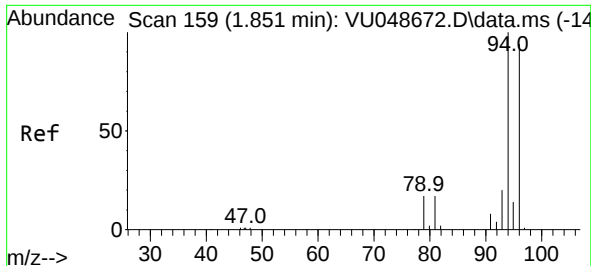
Tgt Ion: 50 Resp: 165163
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5



#4
Vinyl Chloride
Concen: 50.009 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 62 Resp: 159257
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8

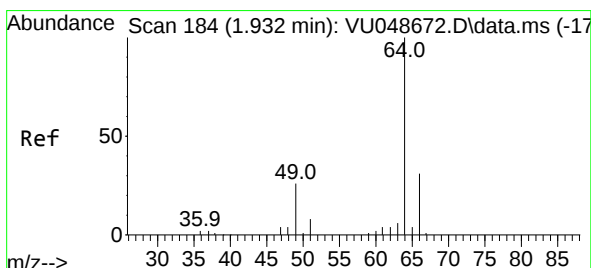
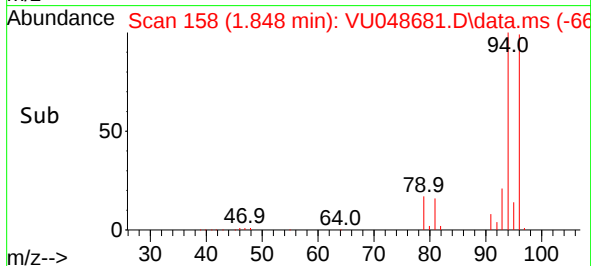
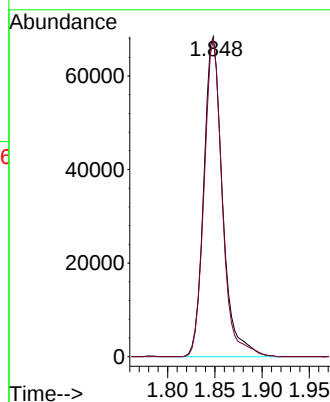
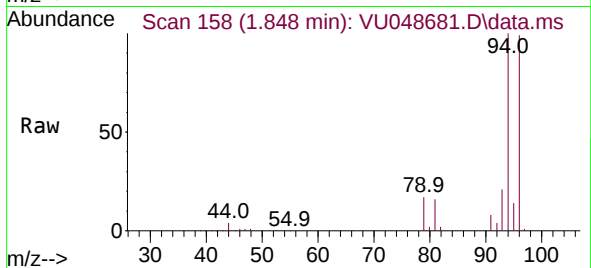




#5
Bromomethane
Concen: 53.464 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

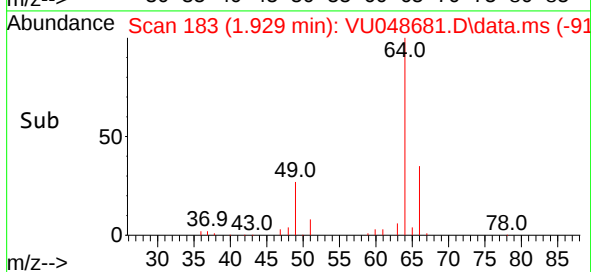
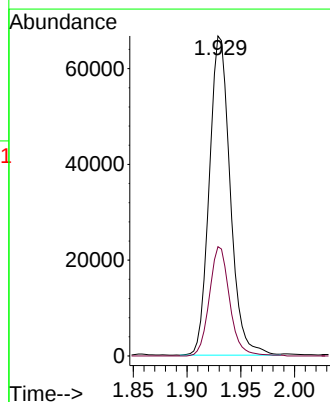
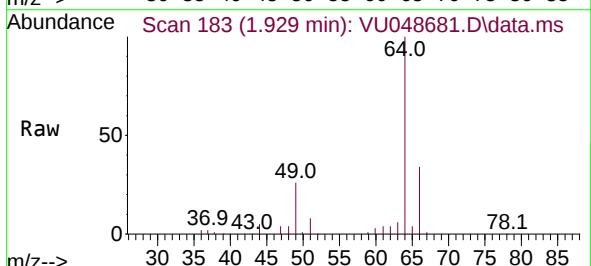
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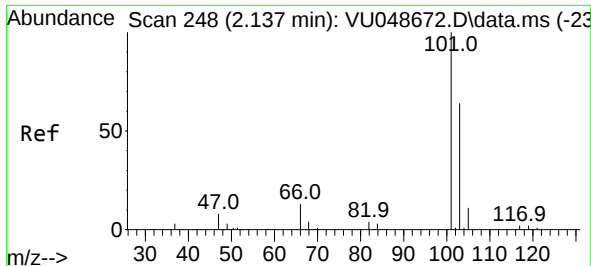
Tgt Ion: 94 Resp: 94175
Ion Ratio Lower Upper
94 100
96 99.3 75.1 112.7



#6
Chloroethane
Concen: 51.586 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 64 Resp: 90065
Ion Ratio Lower Upper
64 100
66 34.2 25.2 37.8

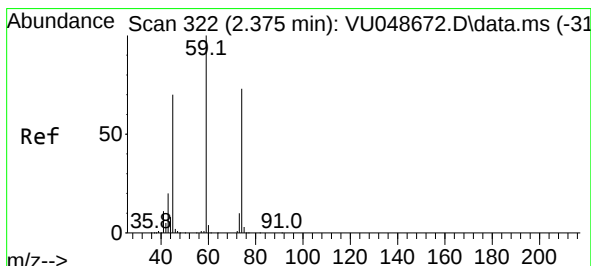
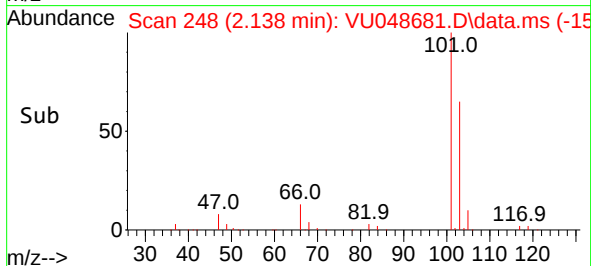
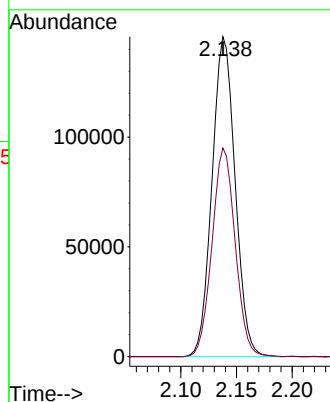
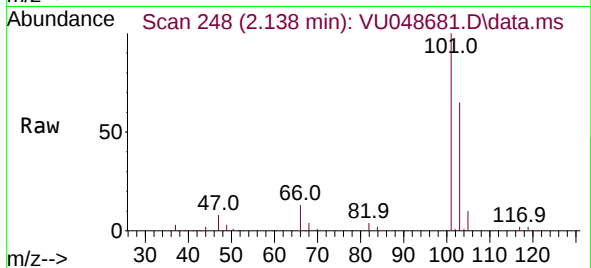




#7
Trichlorofluoromethane
Concen: 46.242 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU048681.D
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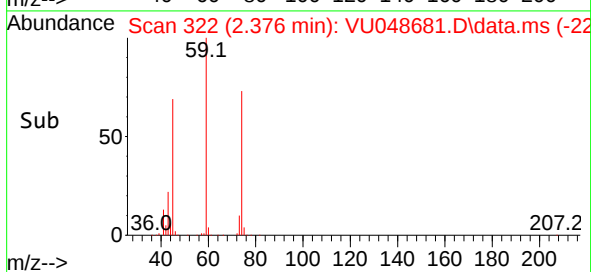
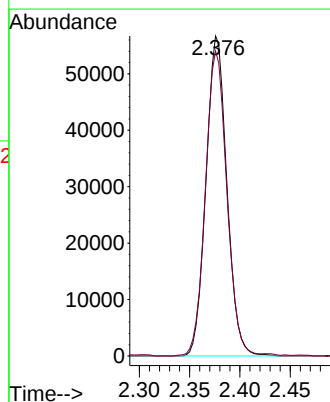
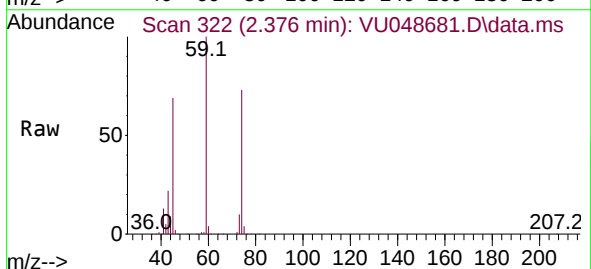
Instrument :
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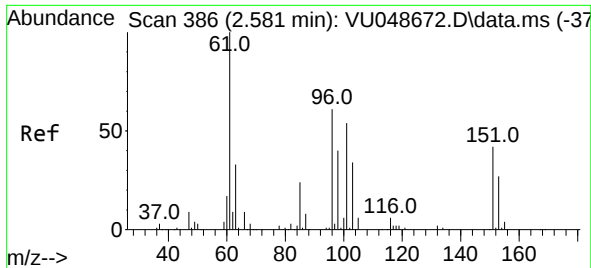
Tgt Ion:101 Resp: 210317
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.4



#8
Diethyl Ether
Concen: 48.737 ug/l
RT: 2.376 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 74 Resp: 81800
Ion Ratio Lower Upper
74 100
45 98.1 47.7 143.1

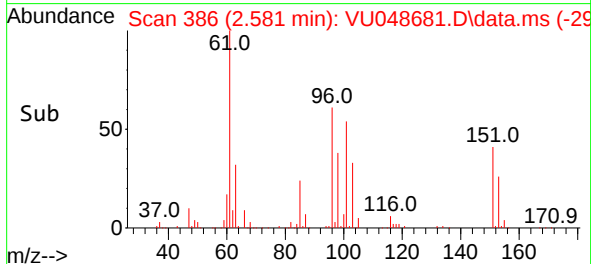
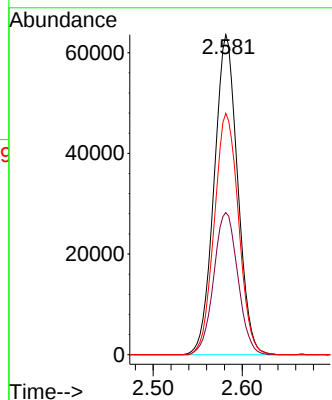
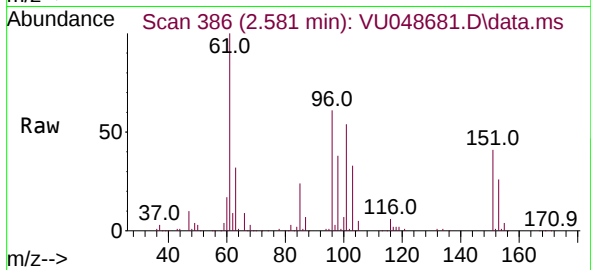




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.793 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048681.D
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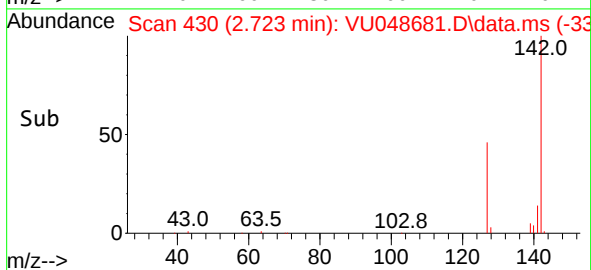
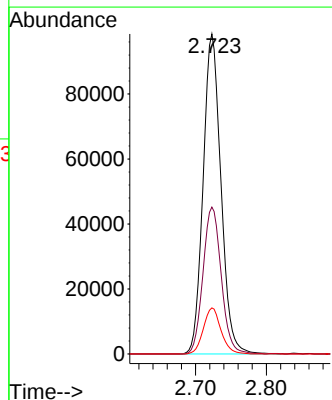
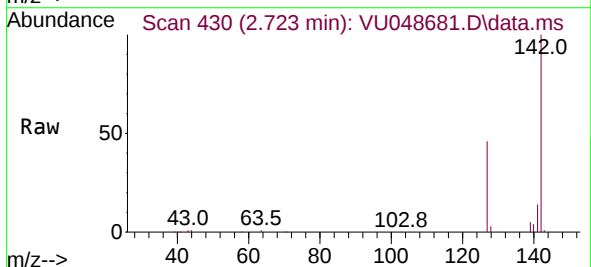
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 116498
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 78.0 62.5 93.7



#10
Methyl Iodide
Concen: 46.701 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:142 Resp: 171924
Ion Ratio Lower Upper
142 100
127 47.0 38.4 57.6
141 14.2 11.5 17.3

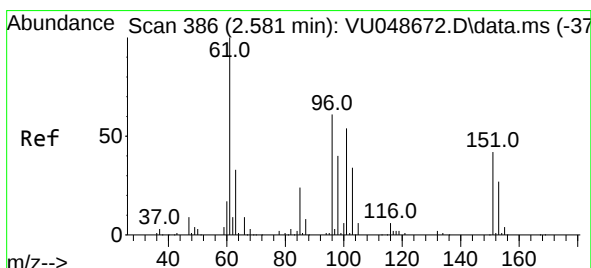
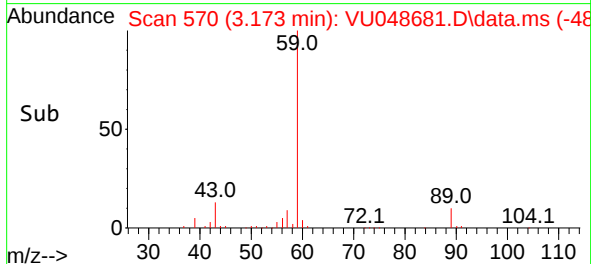
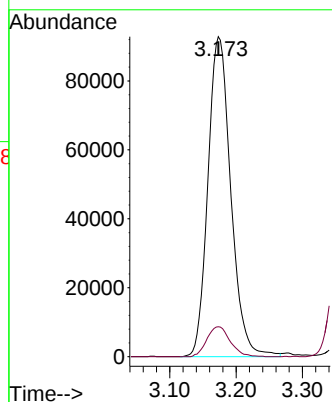
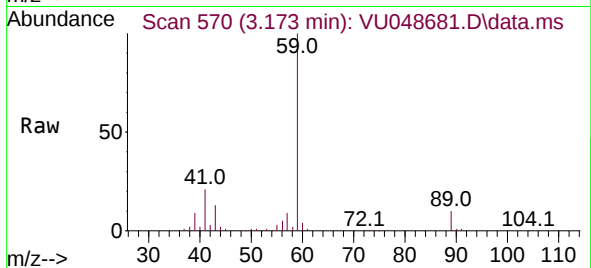




#11
Tert butyl alcohol
Concen: 250.499 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

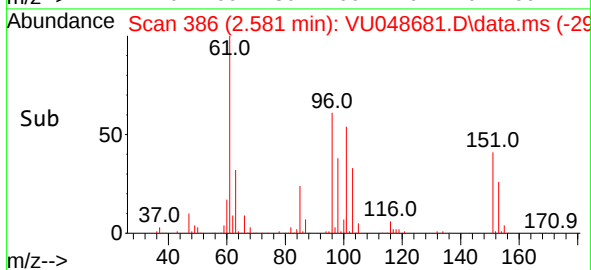
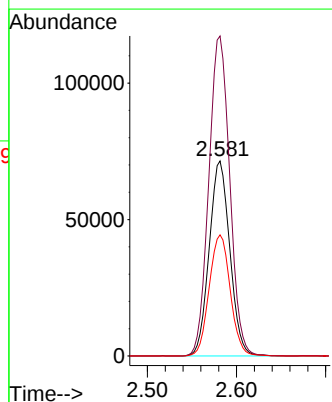
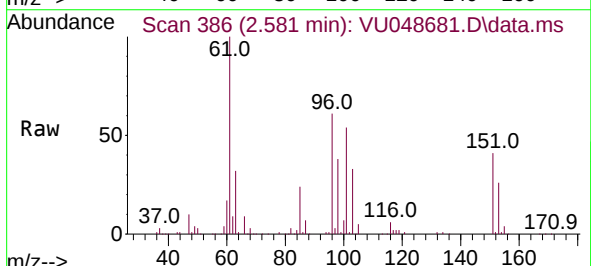
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 222531
Ion Ratio Lower Upper
59 100
57 9.6 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 48.434 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 96 Resp: 115016
Ion Ratio Lower Upper
96 100
61 164.1 131.1 196.7
98 62.1 51.8 77.8

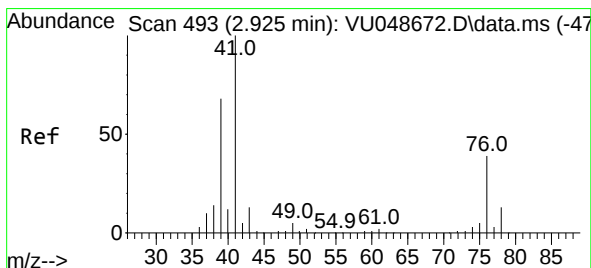
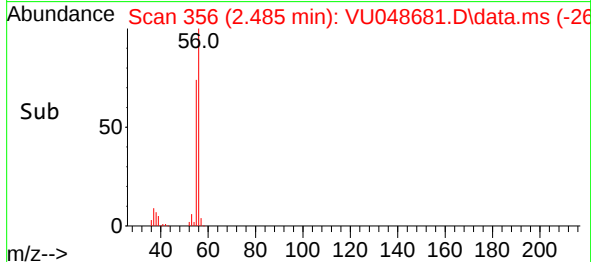
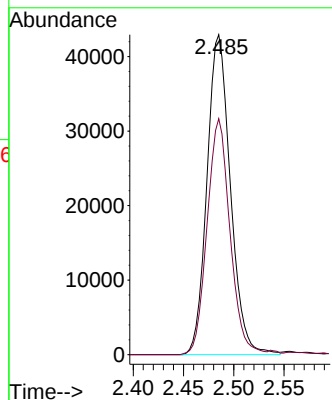
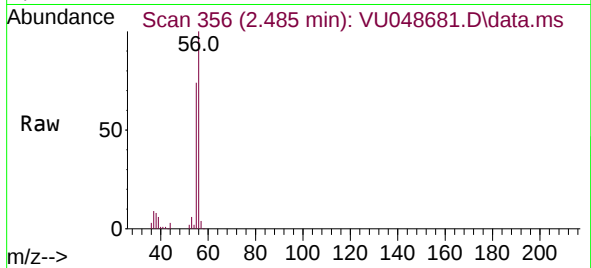




#13
Acrolein
Concen: 236.068 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

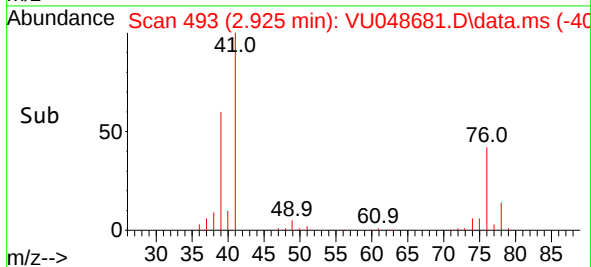
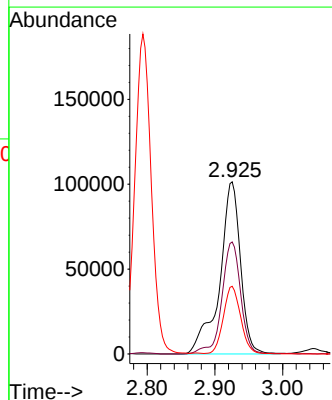
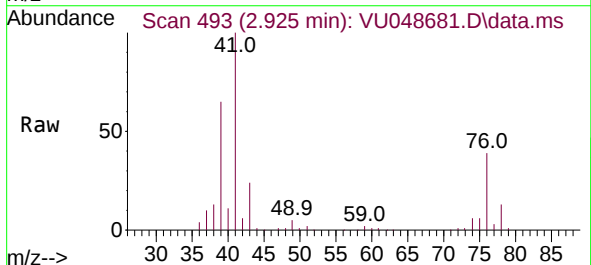
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

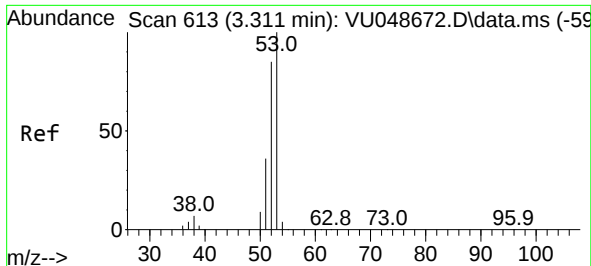
Tgt Ion: 56 Resp: 69565
Ion Ratio Lower Upper
56 100
55 72.0 57.7 86.5



#14
Allyl chloride
Concen: 47.236 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 41 Resp: 217257
Ion Ratio Lower Upper
41 100
39 58.4 48.6 72.8
76 32.3 27.0 40.4

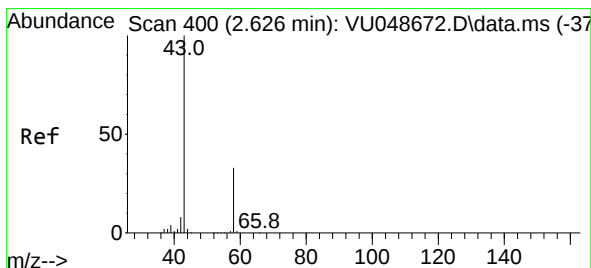
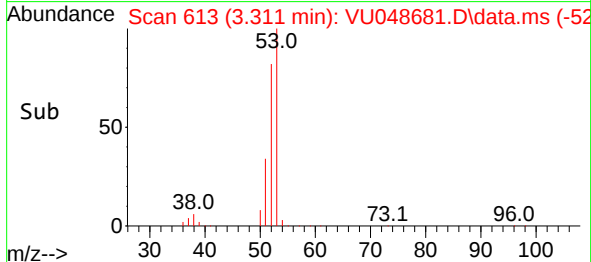
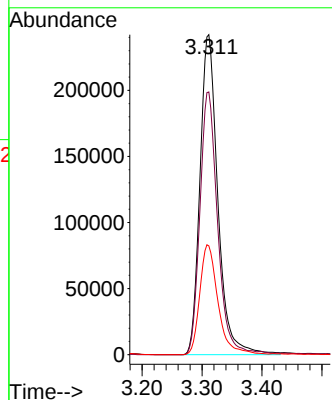
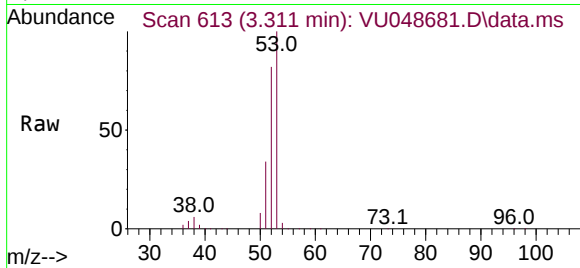




#15
Acrylonitrile
Concen: 261.222 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

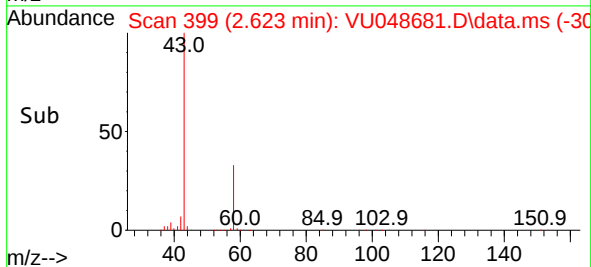
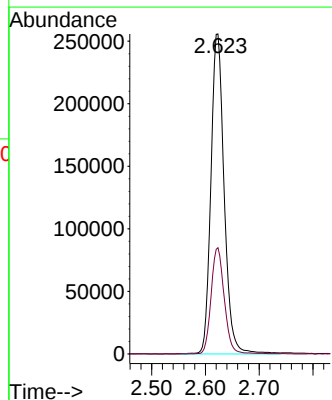
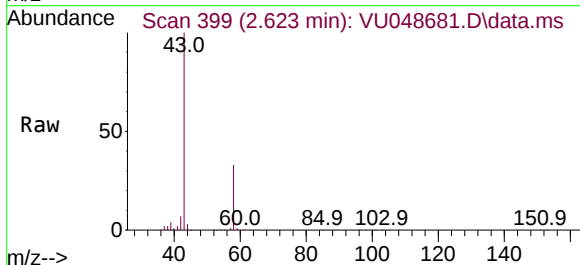
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

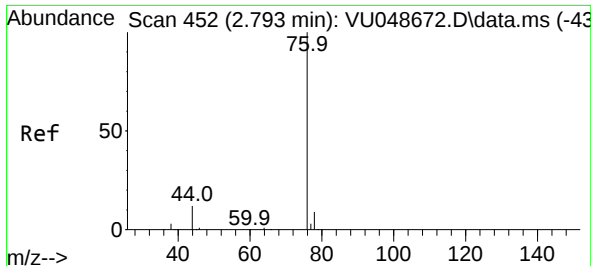
Tgt Ion: 53 Resp: 503290
Ion Ratio Lower Upper
53 100
52 80.9 66.3 99.5
51 35.1 28.6 42.8



#16
Acetone
Concen: 245.423 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 43 Resp: 438254
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5

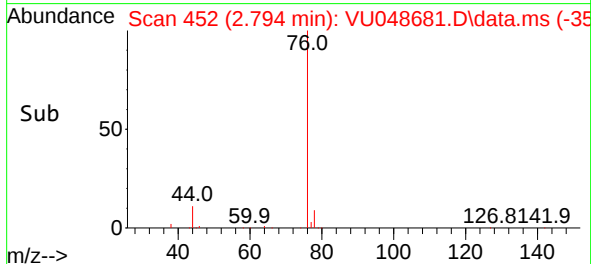
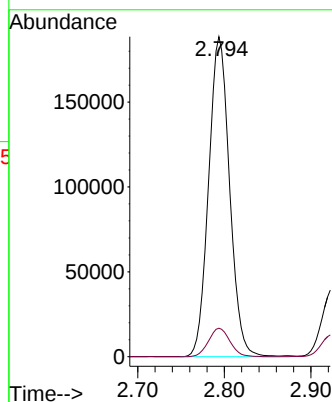
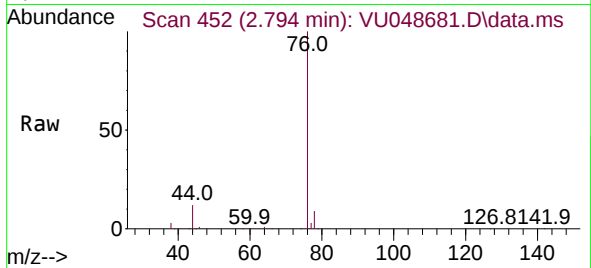




#17
Carbon Disulfide
Concen: 45.679 ug/l
RT: 2.794 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

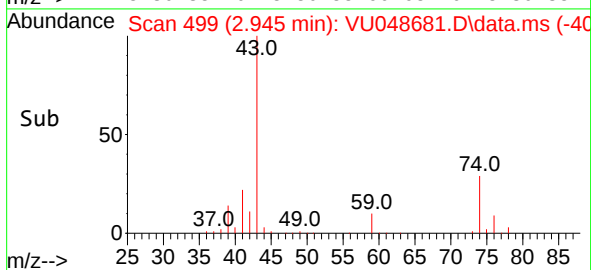
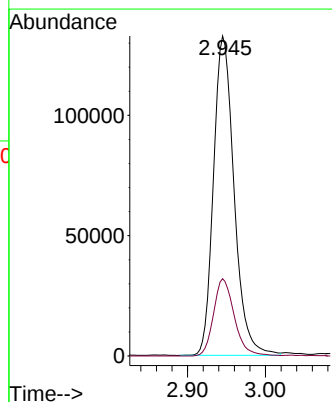
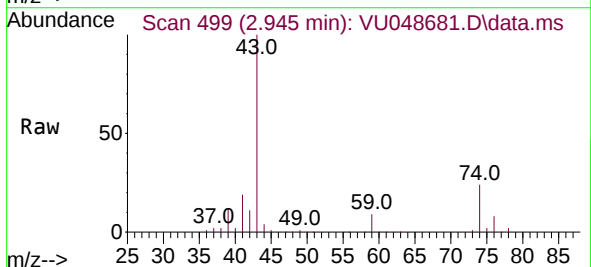
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

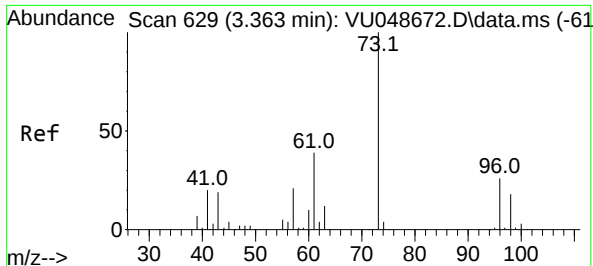
Tgt Ion: 76 Resp: 316655
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 54.452 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 43 Resp: 244135
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 48.951 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

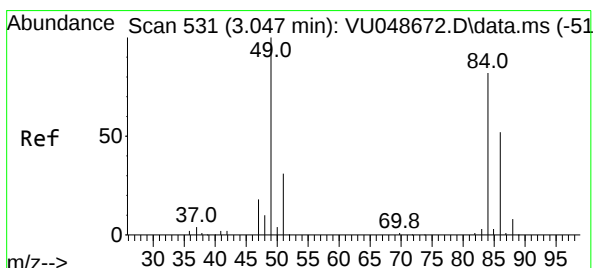
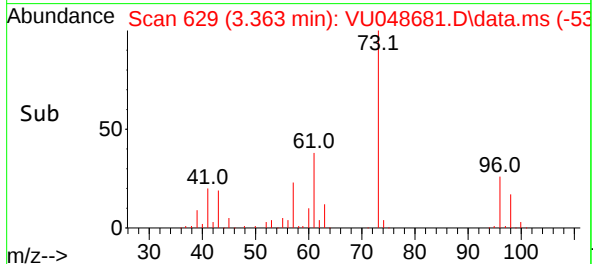
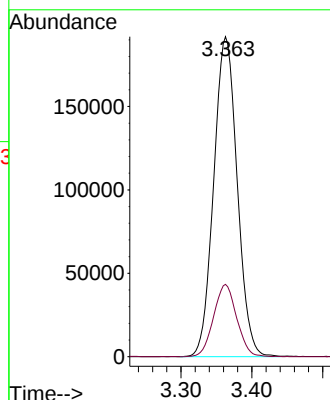
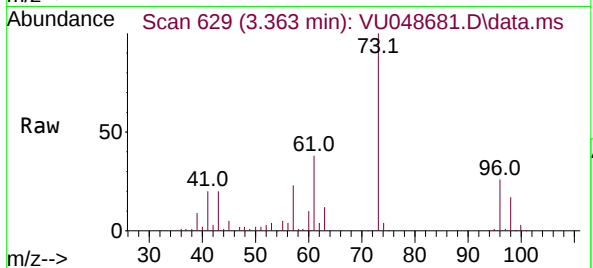
VSTDCCC050

Tgt Ion: 73 Resp: 441069

Ion Ratio Lower Upper

73 100

57 22.6 17.1 25.7



#20

Methylene Chloride

Concen: 47.983 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Tgt Ion: 84 Resp: 145707

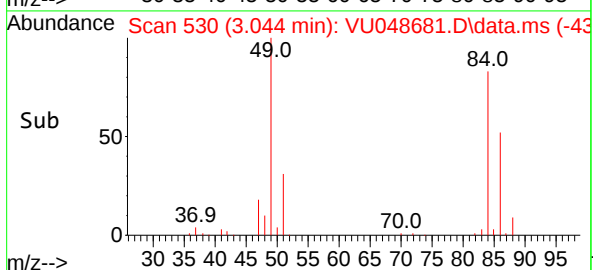
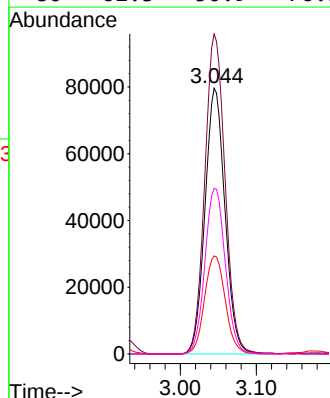
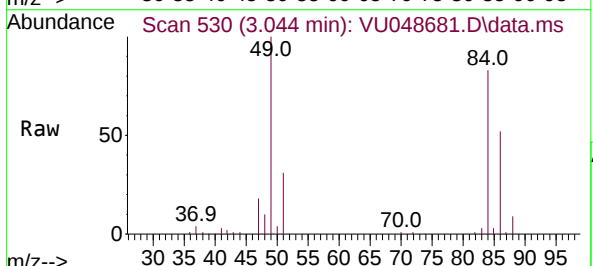
Ion Ratio Lower Upper

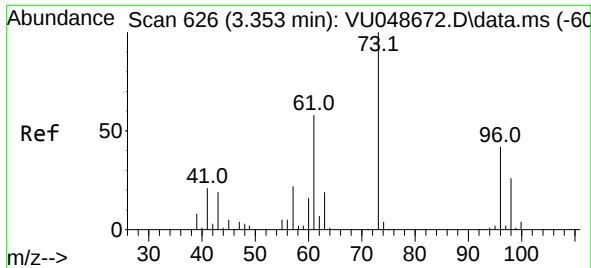
84 100

49 120.4 97.0 145.4

51 36.9 29.8 44.8

86 62.3 50.9 76.3

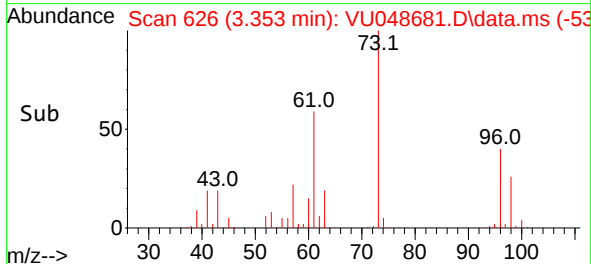
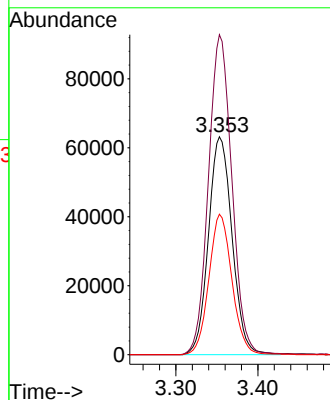
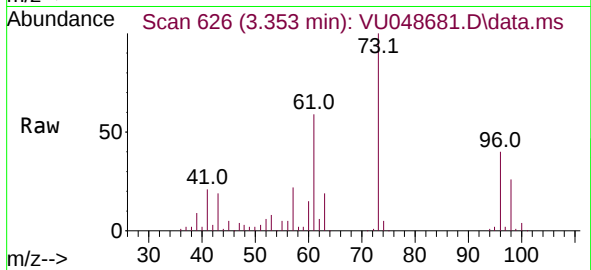




#21
trans-1,2-Dichloroethene
Concen: 46.706 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

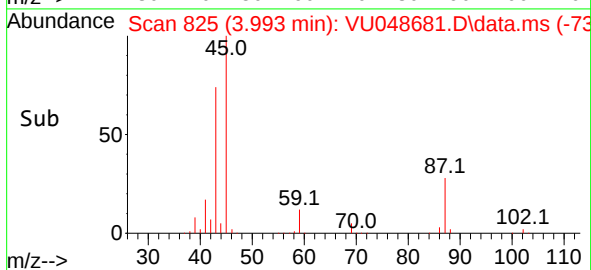
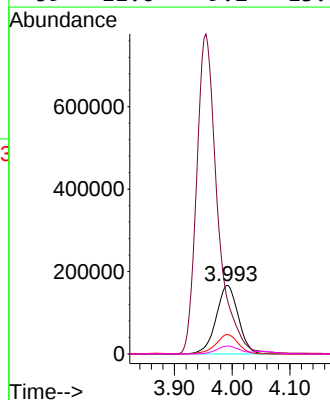
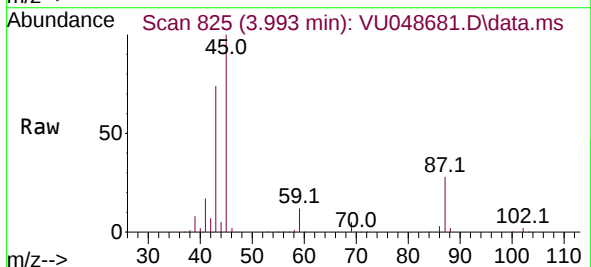
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

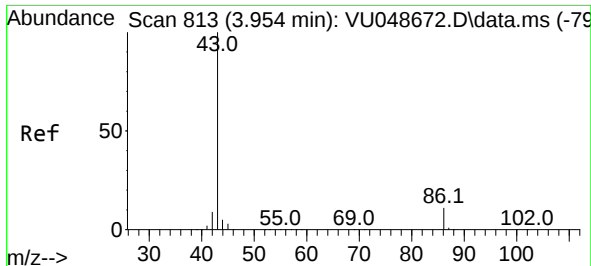
Tgt Ion: 96 Resp: 126871
Ion Ratio Lower Upper
96 100
61 146.9 109.4 164.2
98 64.5 48.9 73.3



#22
Diisopropyl ether
Concen: 52.324 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 45 Resp: 443928
Ion Ratio Lower Upper
45 100
43 73.4 65.2 97.8
87 28.3 22.7 34.1
59 11.6 9.2 13.8

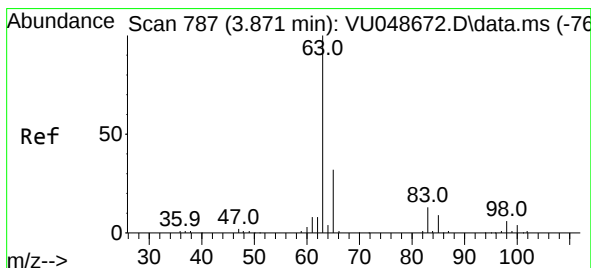
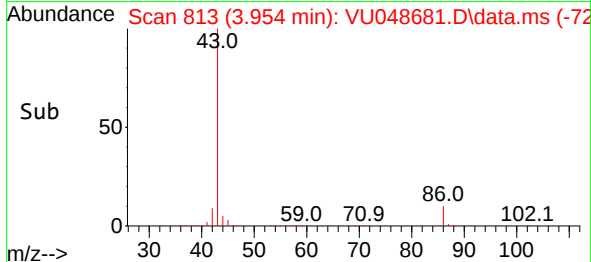
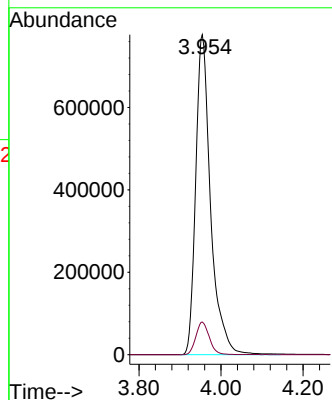
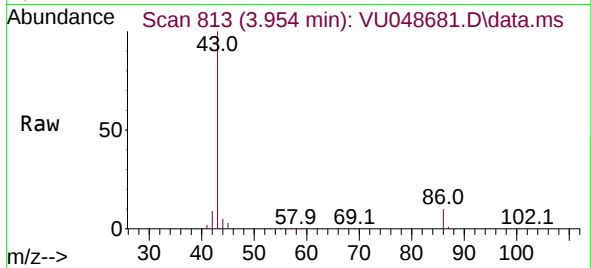




#23
 Vinyl Acetate
 Concen: 266.108 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

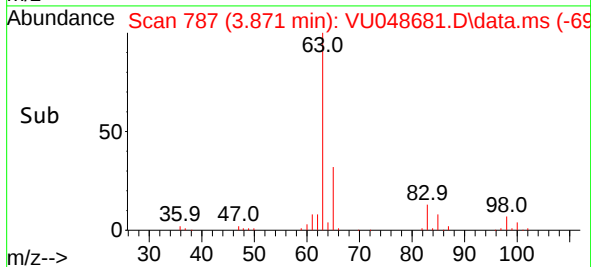
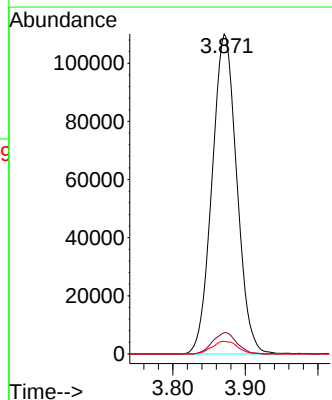
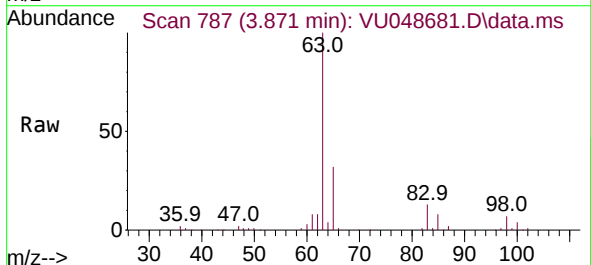
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

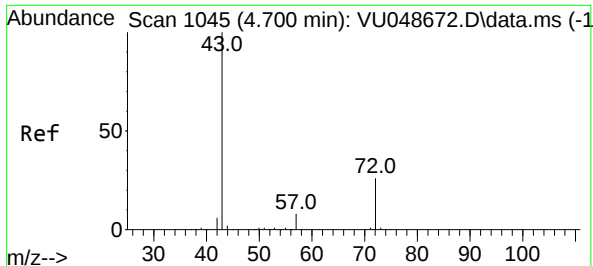
Tgt Ion: 43 Resp: 1956087
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.922 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Tgt Ion: 63 Resp: 260680
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 264.952 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

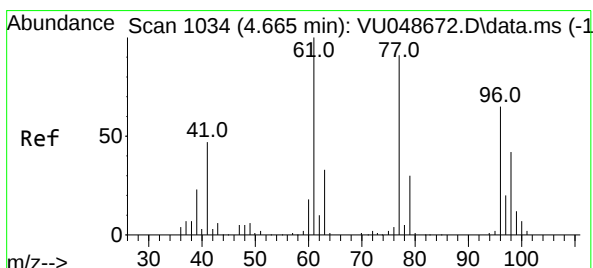
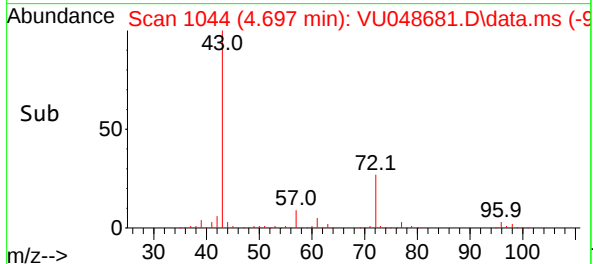
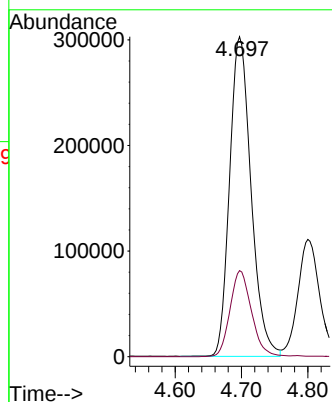
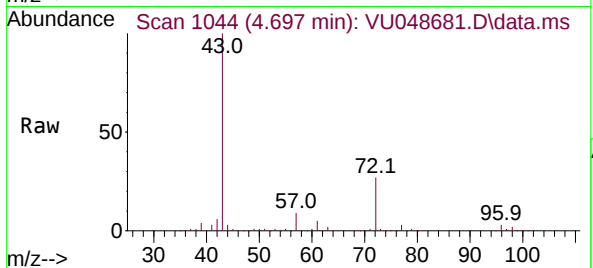
VSTDCCC050

Tgt Ion: 43 Resp: 679690

Ion Ratio Lower Upper

43 100

72 26.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 30.524 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048681.D

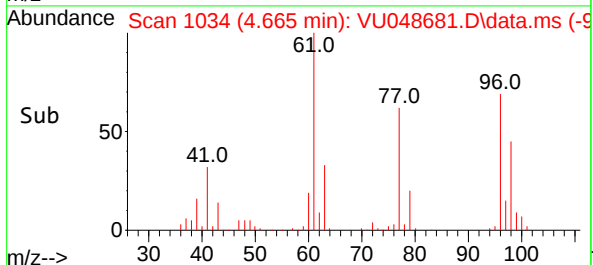
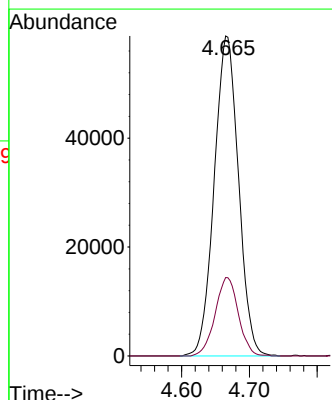
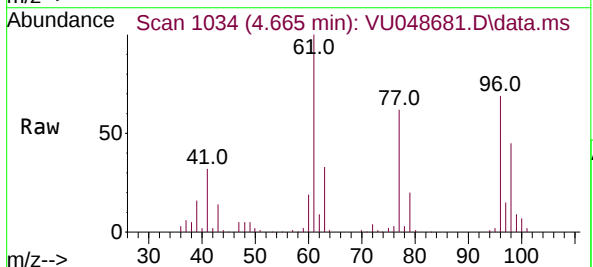
Acq: 27 May 2022 09:29

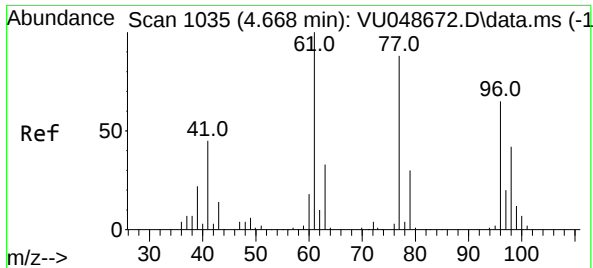
Tgt Ion: 77 Resp: 145915

Ion Ratio Lower Upper

77 100

97 23.5 11.1 33.1



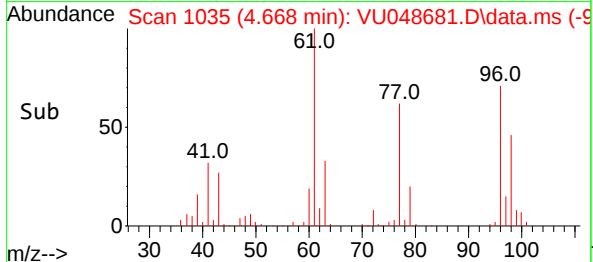
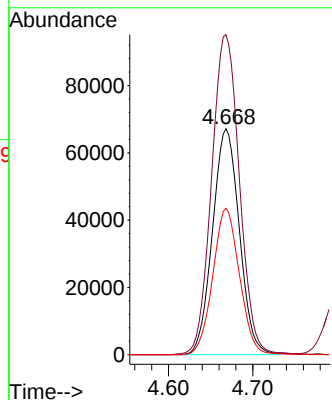
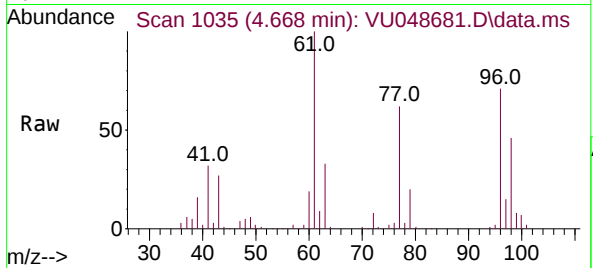


#27
 cis-1,2-Dichloroethene
 Concen: 47.271 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 148627

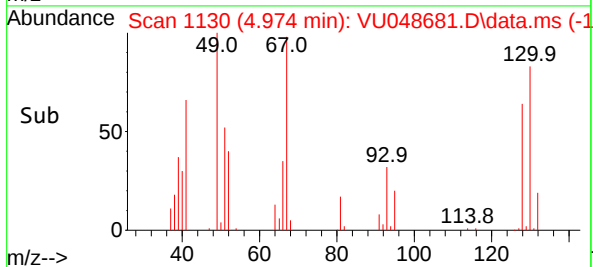
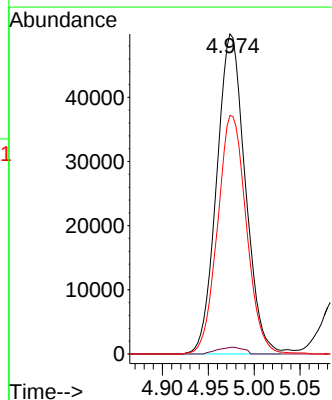
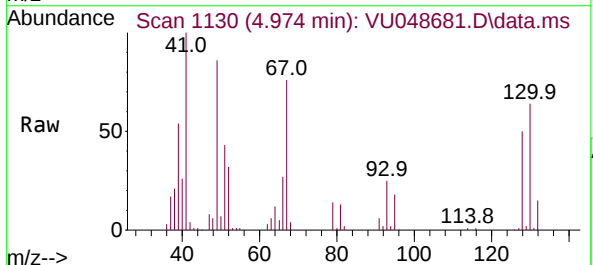
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	306.2
98	64.2	0.0	130.4

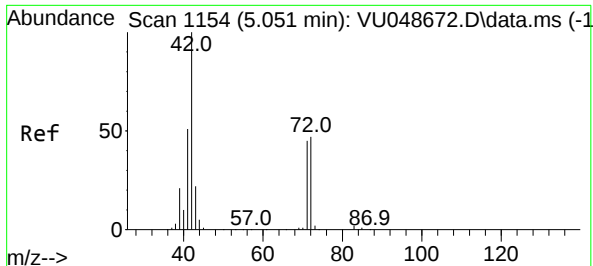


#28
 Bromochloromethane
 Concen: 51.677 ug/l
 RT: 4.974 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Tgt Ion: 49 Resp: 108007

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	75.2	62.1	93.1





#29

Tetrahydrofuran

Concen: 269.122 ug/l

RT: 5.048 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

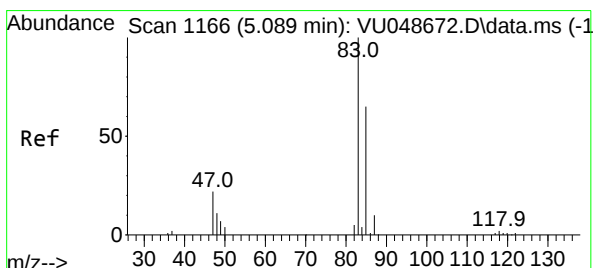
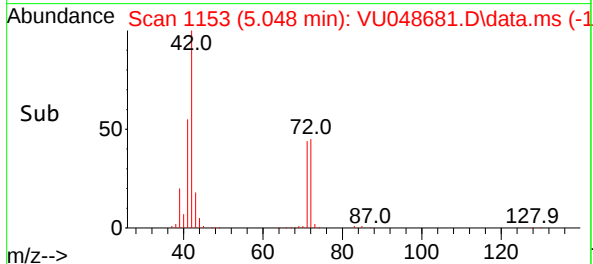
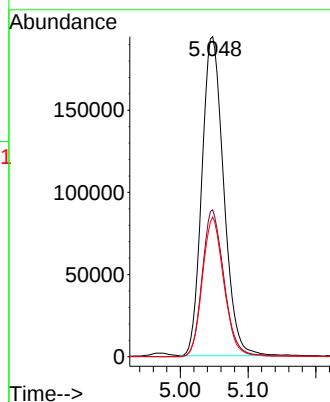
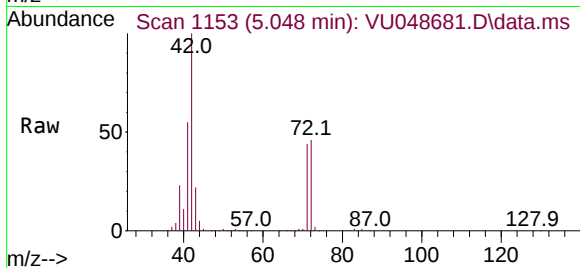
Tgt Ion: 42 Resp: 434870

Ion Ratio Lower Upper

42 100

72 45.9 37.6 56.4

71 43.3 35.0 52.4



#30

Chloroform

Concen: 49.025 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048681.D

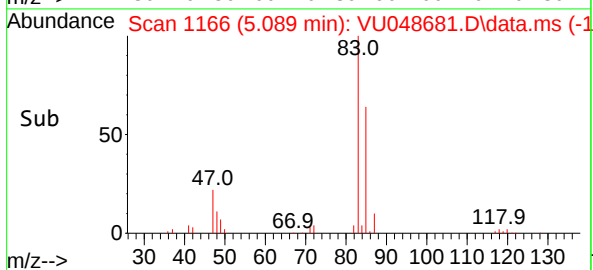
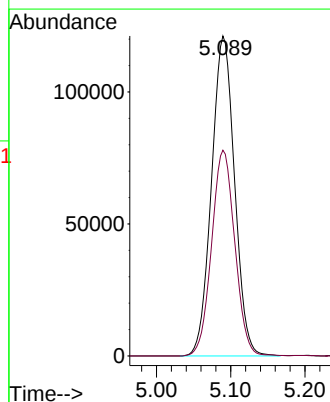
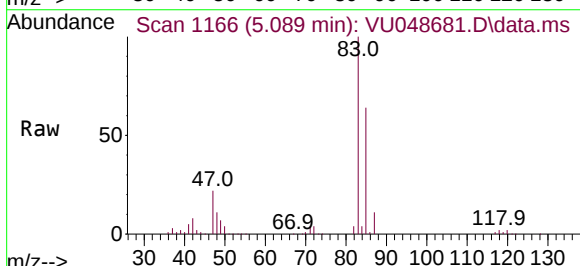
Acq: 27 May 2022 09:29

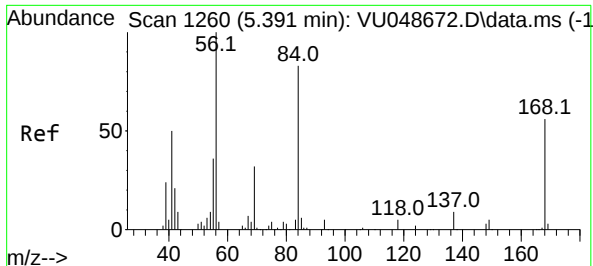
Tgt Ion: 83 Resp: 261382

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

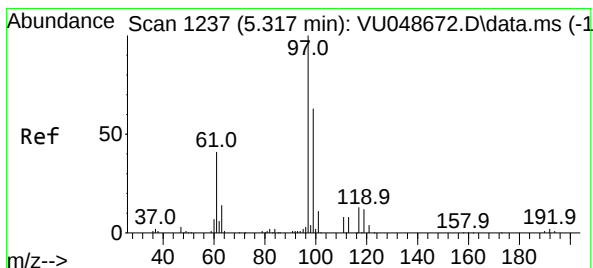
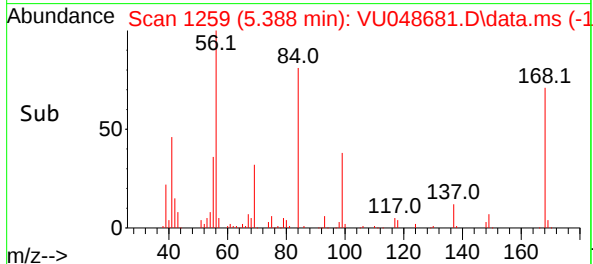
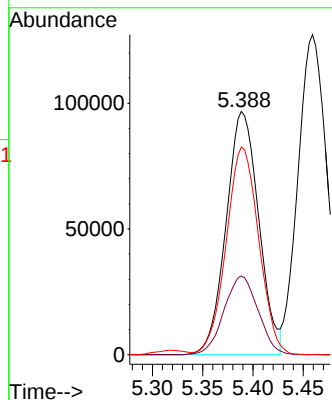
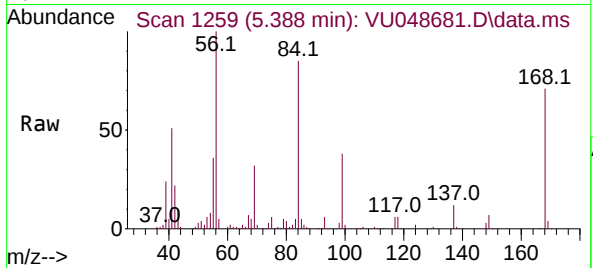




#31
Cyclohexane
Concen: 49.474 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

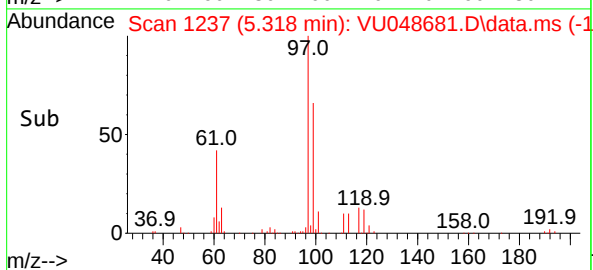
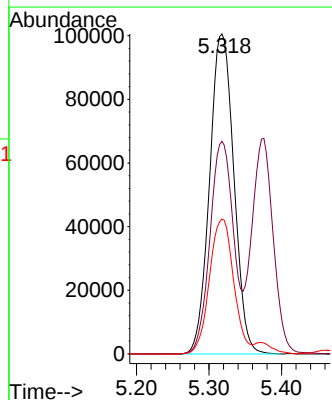
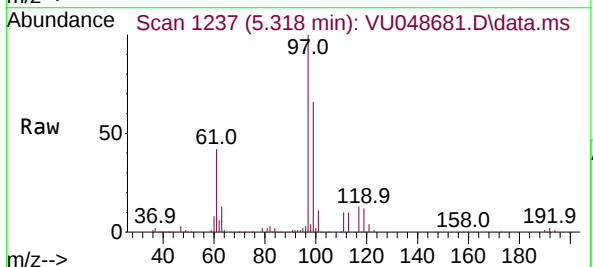
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

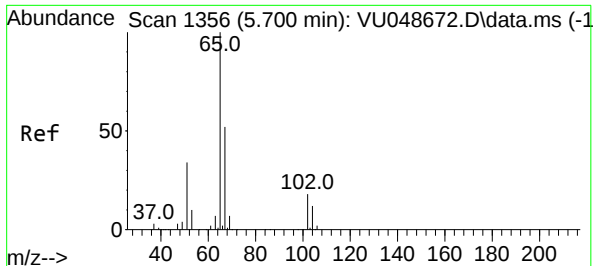
Tgt Ion: 56 Resp: 218467
Ion Ratio Lower Upper
56 100
69 32.4 25.6 38.4
84 83.7 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 48.387 ug/l
RT: 5.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 97 Resp: 234048
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 42.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.719 ug/l

RT: 5.704 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

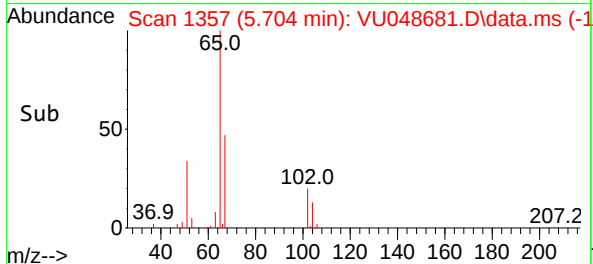
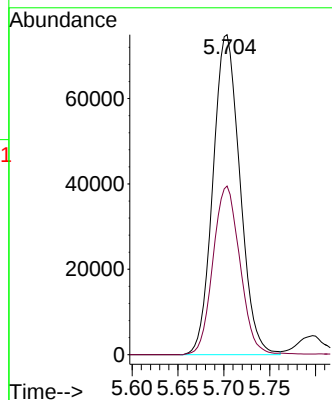
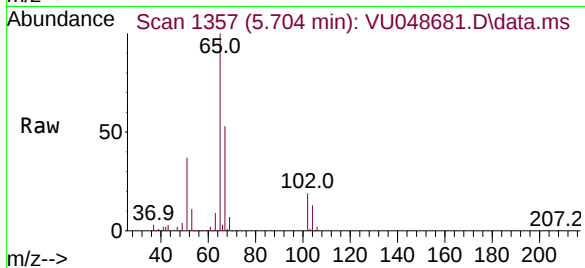
VSTDCCC050

Tgt Ion: 65 Resp: 153188

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

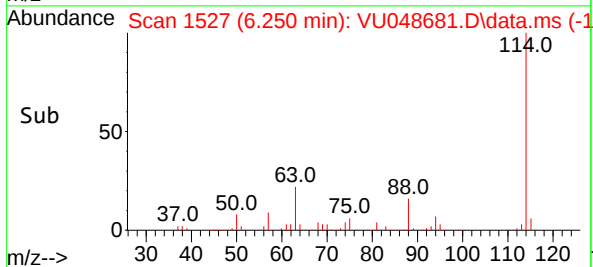
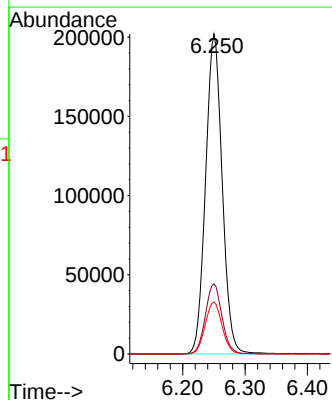
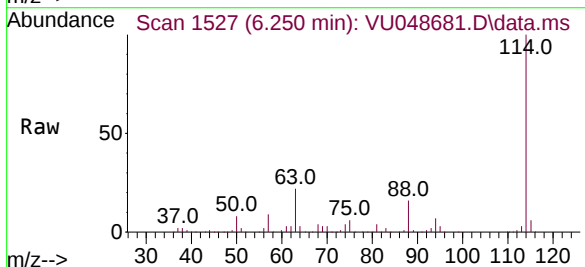
Tgt Ion: 114 Resp: 373923

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.150 ug/l

RT: 5.289 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

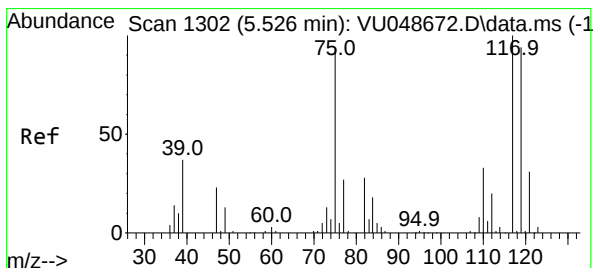
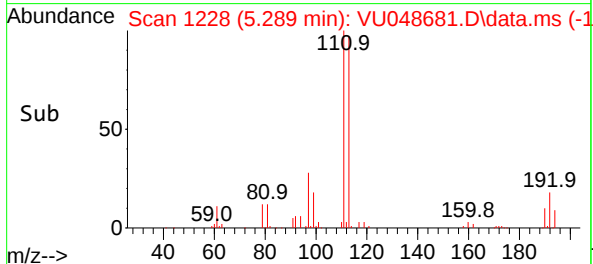
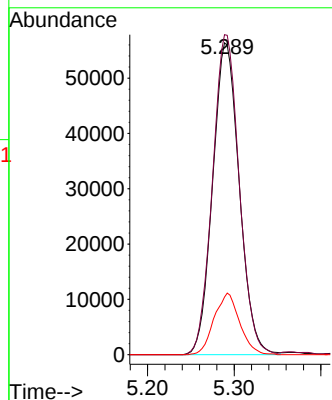
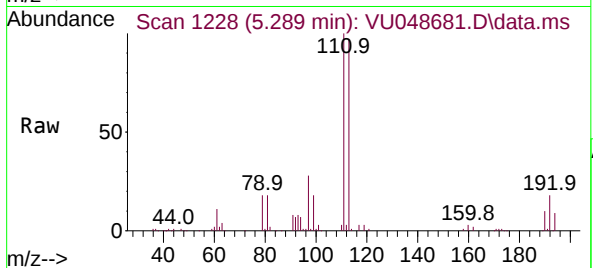
Tgt Ion:113 Resp: 120445

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.473 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

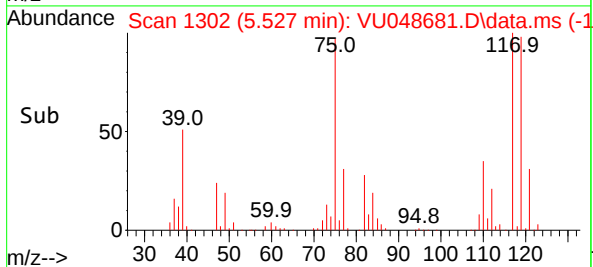
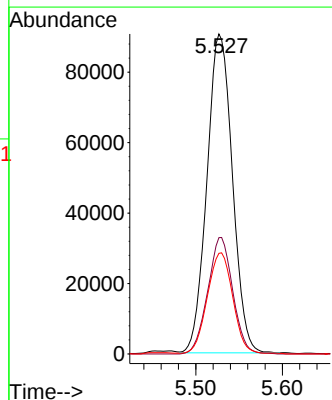
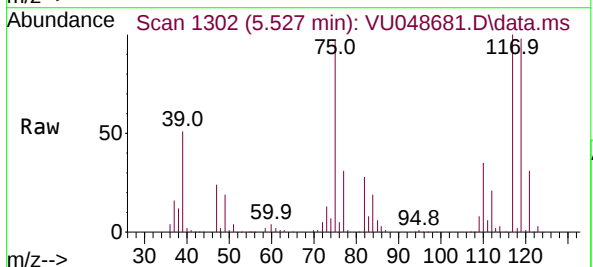
Tgt Ion: 75 Resp: 184832

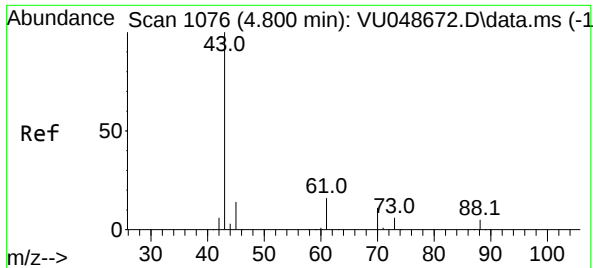
Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.3

77 31.2 24.8 37.2

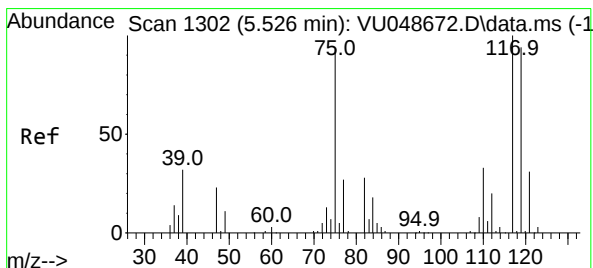
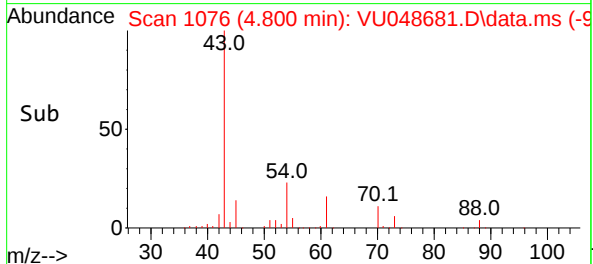
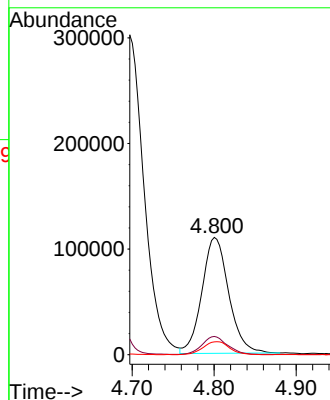
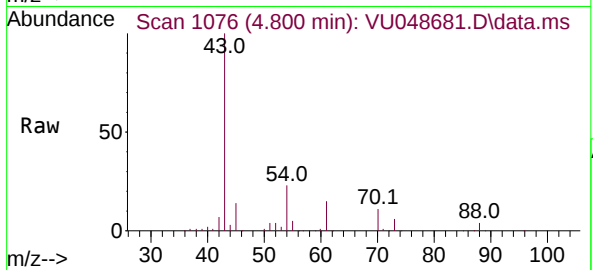




#37
Ethyl Acetate
Concen: 50.712 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

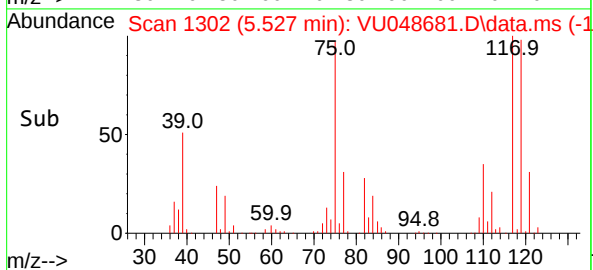
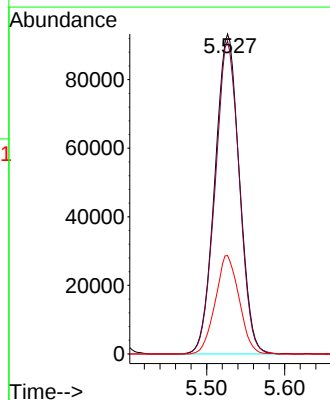
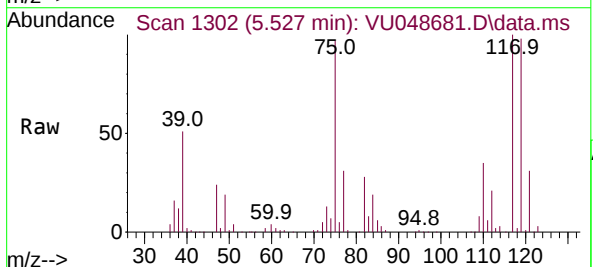
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 249602
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 11.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 45.619 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 117 Resp: 203767
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.2
121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 48.963 ug/l

RT: 6.765 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

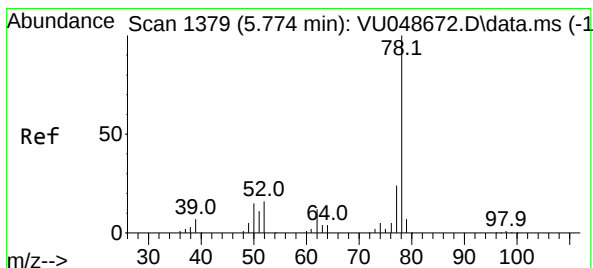
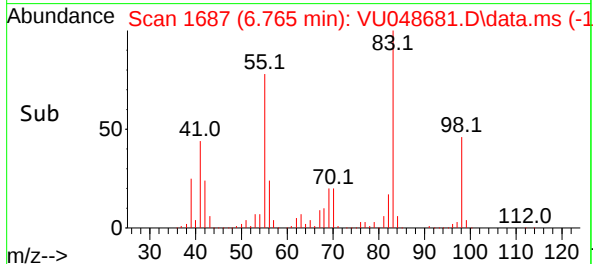
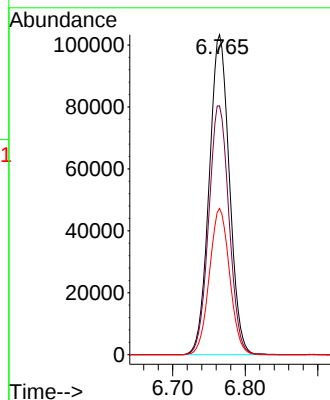
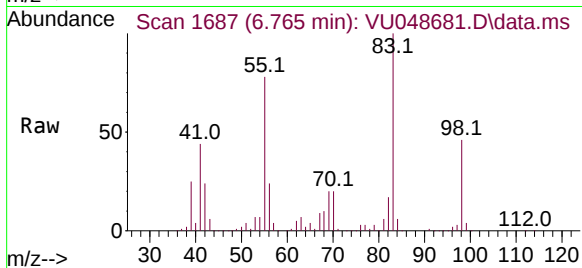
Tgt Ion: 83 Resp: 199885

Ion Ratio Lower Upper

83 100

55 77.7 61.0 91.6

98 45.7 36.8 55.2



#40

Benzene

Concen: 48.083 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048681.D

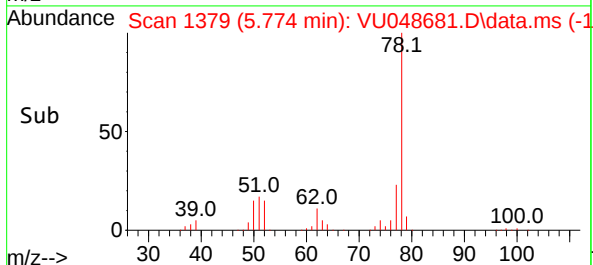
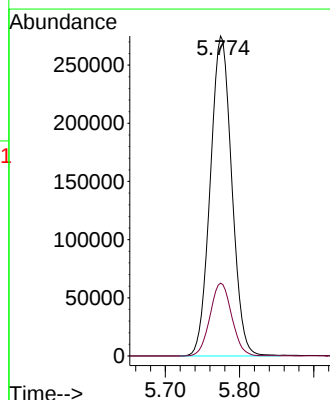
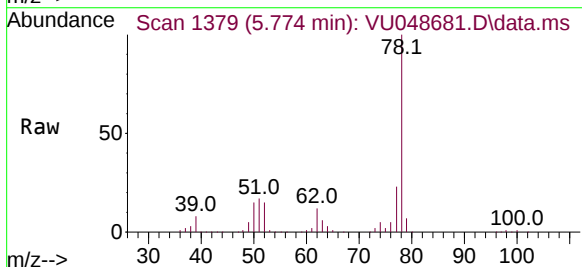
Acq: 27 May 2022 09:29

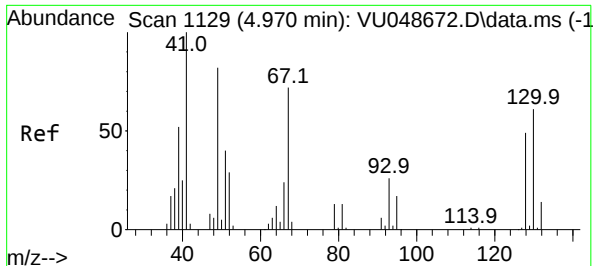
Tgt Ion: 78 Resp: 552691

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6



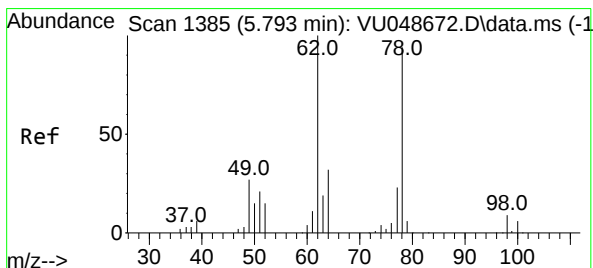
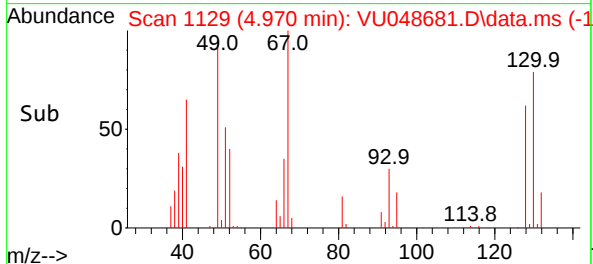
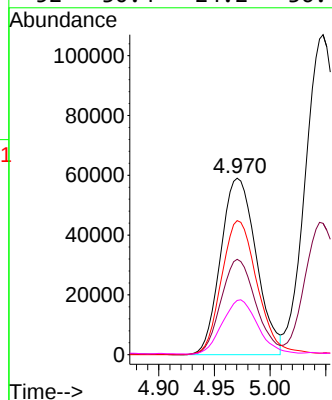
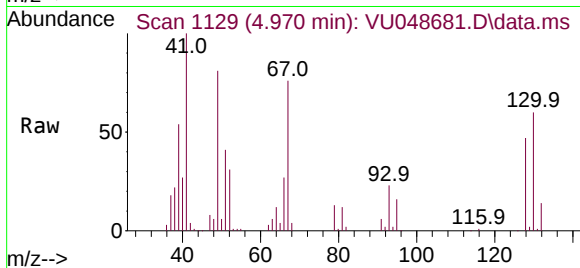


#41
Methacrylonitrile
Concen: 52.889 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 131548

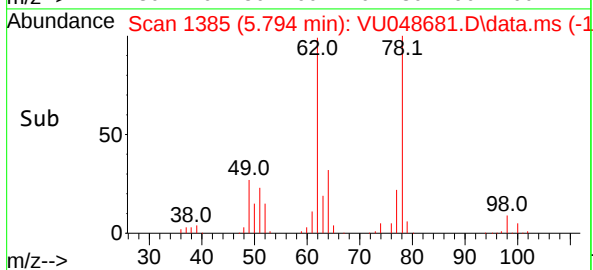
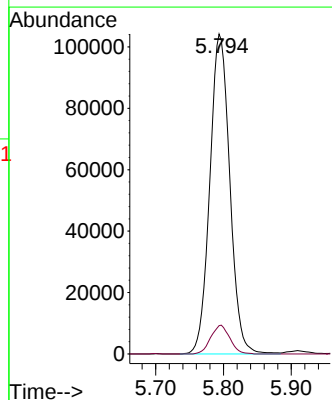
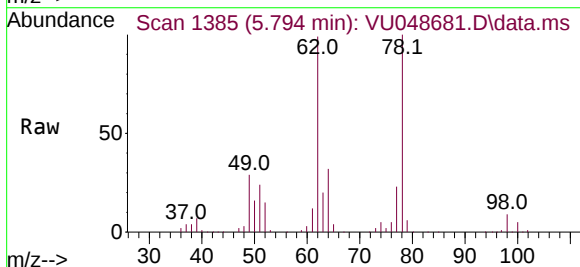
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.6	64.0
67	76.5	61.0	91.4
52	30.4	24.2	36.4

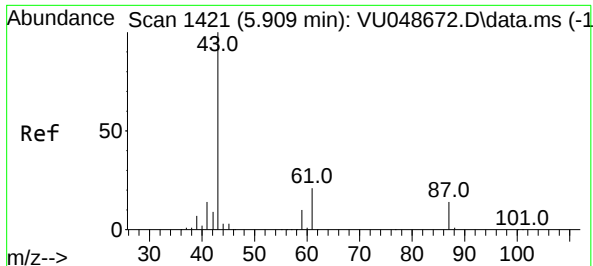


#42
1,2-Dichloroethane
Concen: 47.459 ug/l
RT: 5.794 min Scan# 1385
Delta R.T. 0.001 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 62 Resp: 213544

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 50.833 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

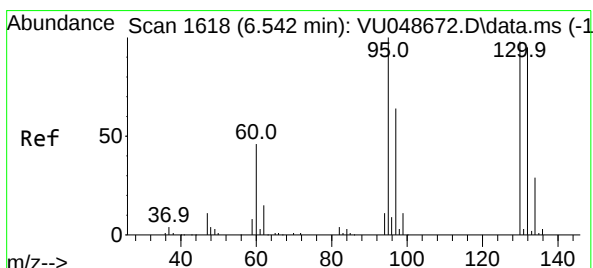
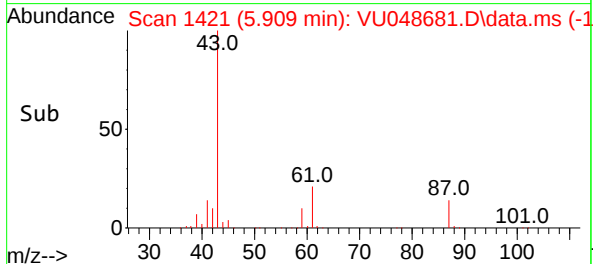
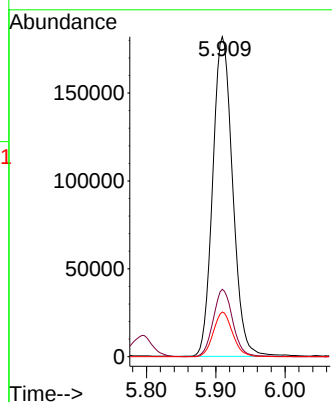
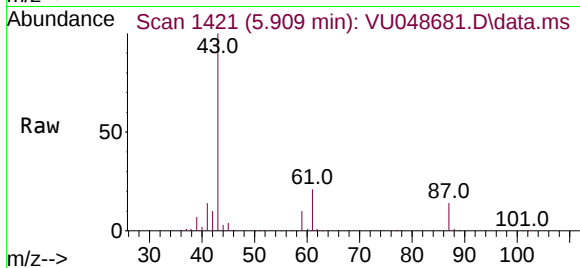
Tgt Ion: 43 Resp: 363138

Ion Ratio Lower Upper

43 100

61 20.8 16.7 25.1

87 13.5 10.9 16.3



#44

Trichloroethene

Concen: 48.425 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048681.D

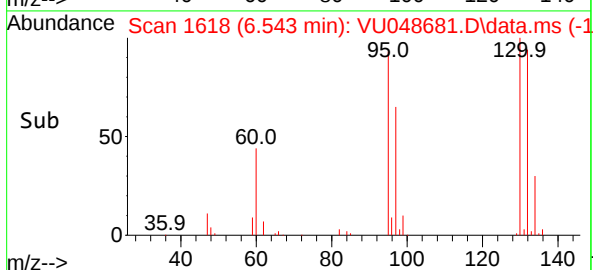
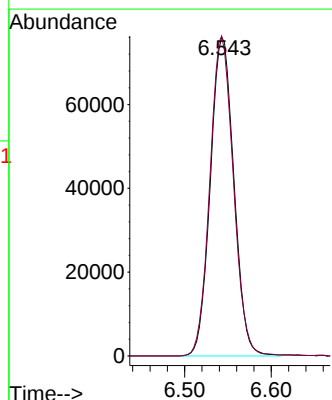
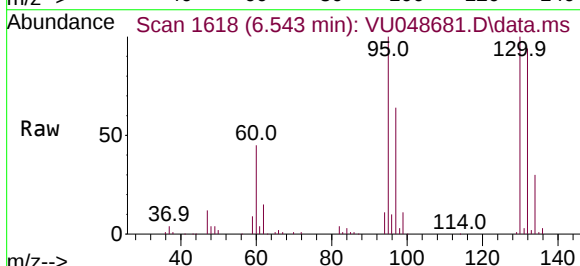
Acq: 27 May 2022 09:29

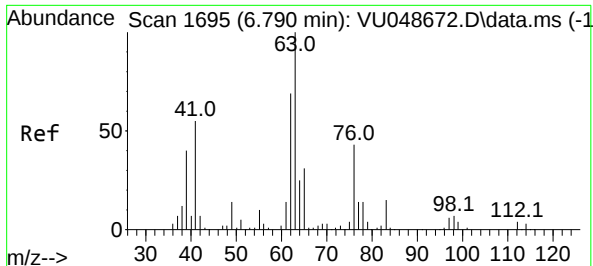
Tgt Ion: 130 Resp: 143403

Ion Ratio Lower Upper

130 100

95 100.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.735 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

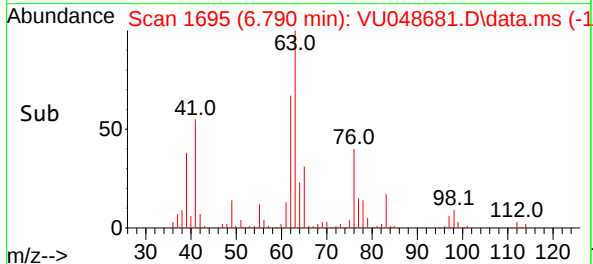
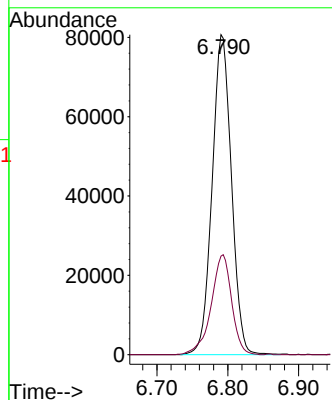
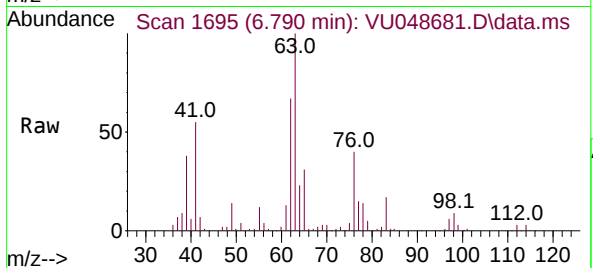
VSTDCCC050

Tgt Ion: 63 Resp: 152601

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



#46

Dibromomethane

Concen: 49.469 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

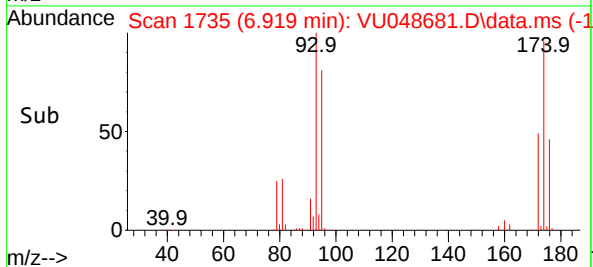
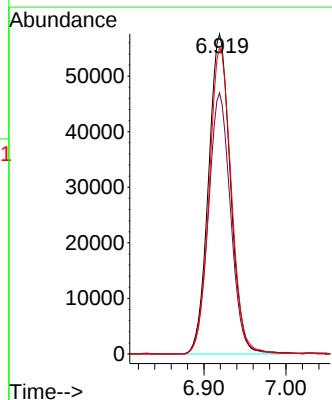
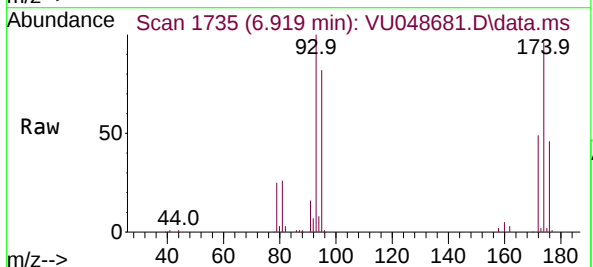
Tgt Ion: 93 Resp: 106950

Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 96.2 77.8 116.6

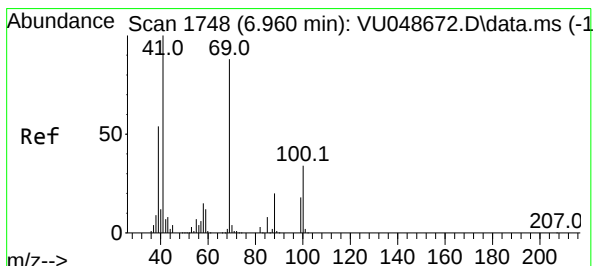
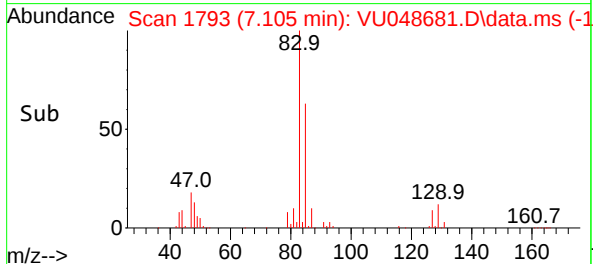
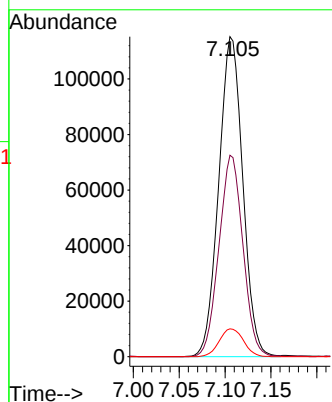
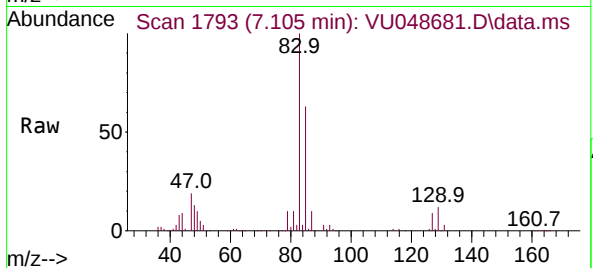




#47
Bromodichloromethane
Concen: 48.080 ug/l
RT: 7.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

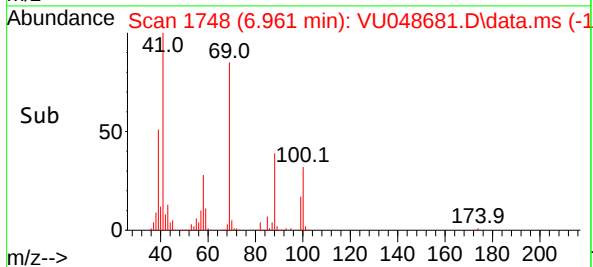
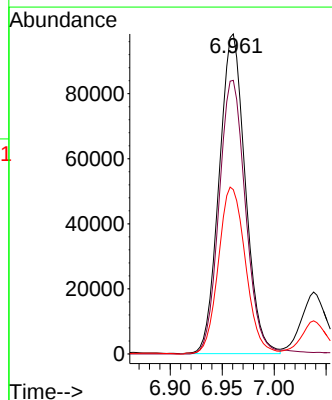
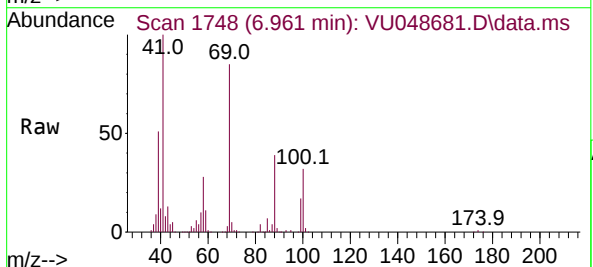
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 210206
Ion Ratio Lower Upper
83 100
85 63.0 52.1 78.1
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 53.662 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 41 Resp: 172094
Ion Ratio Lower Upper
41 100
69 87.4 70.7 106.1
39 54.2 43.4 65.2





#49

1,4-Dioxane

Concen: 1059.539 ug/l

RT: 6.961 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

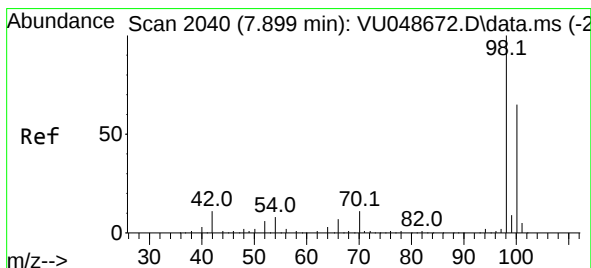
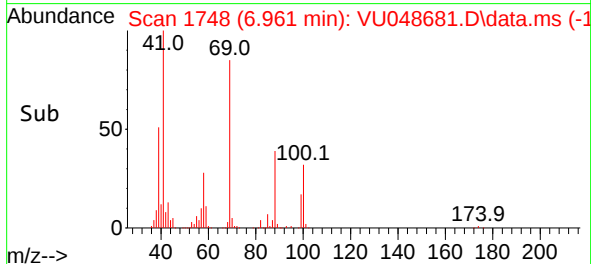
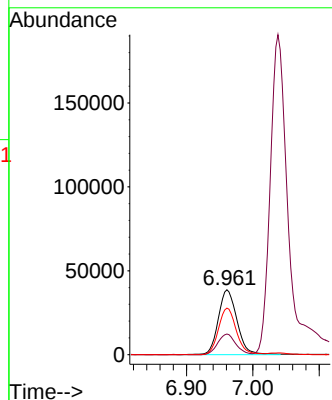
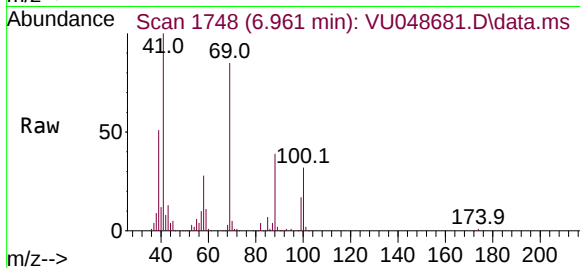
Tgt Ion: 88 Resp: 75959

Ion Ratio Lower Upper

88 100

43 30.8 24.6 36.8

58 68.4 54.7 82.1



#50

Toluene-d8

Concen: 44.362 ug/l

RT: 7.900 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048681.D

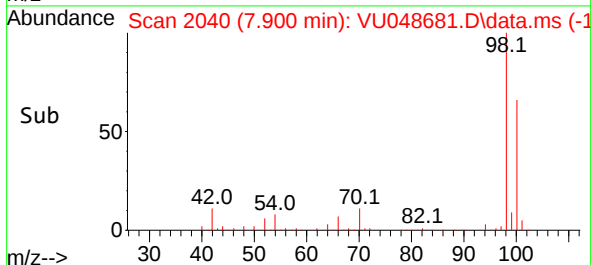
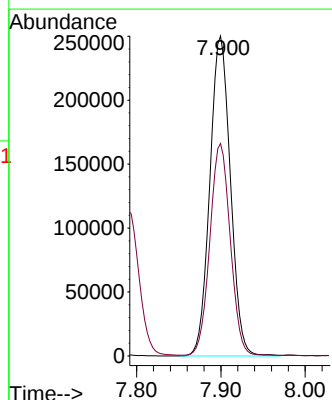
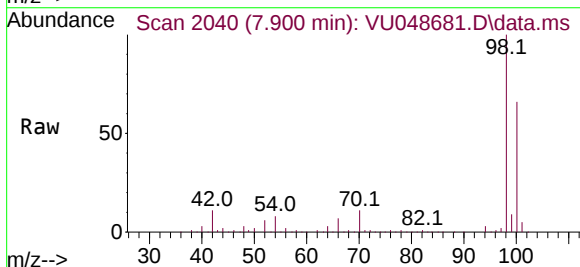
Acq: 27 May 2022 09:29

Tgt Ion: 98 Resp: 424216

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4

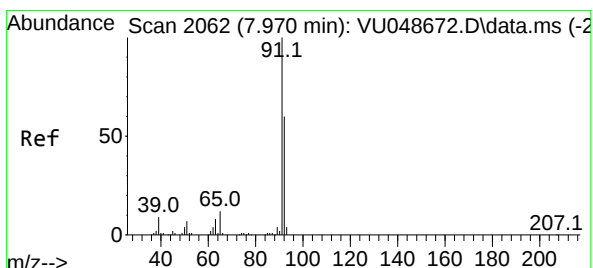
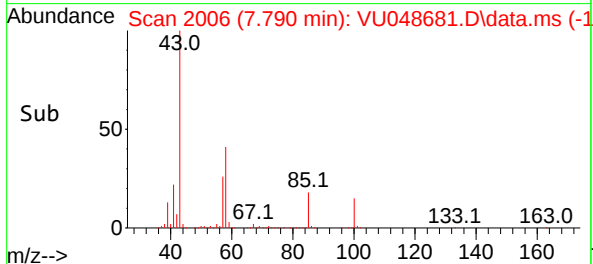
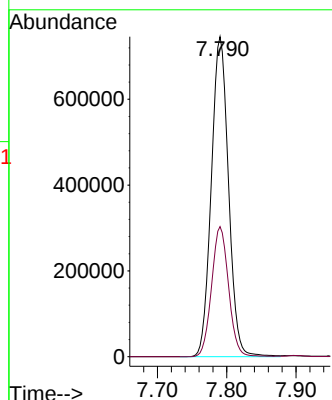
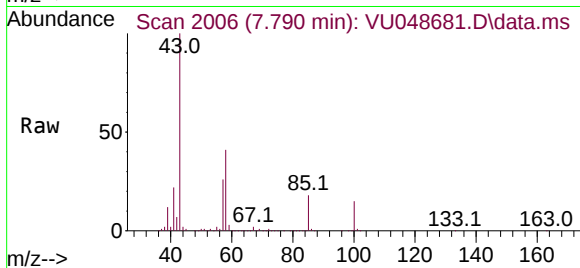




#51
4-Methyl-2-Pentanone
Concen: 276.818 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

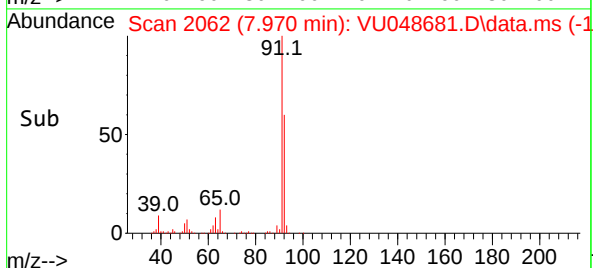
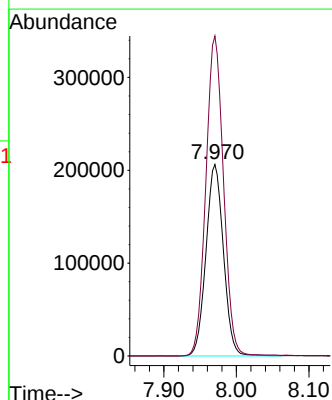
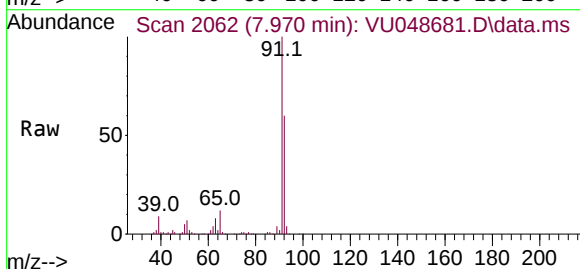
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

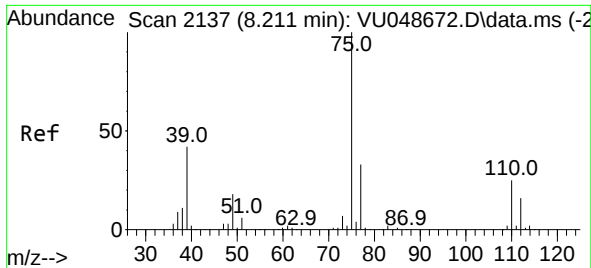
Tgt Ion: 43 Resp: 1284056
Ion Ratio Lower Upper
43 100
58 40.1 32.7 49.1



#52
Toluene
Concen: 50.200 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 92 Resp: 345144
Ion Ratio Lower Upper
92 100
91 168.6 135.0 202.4

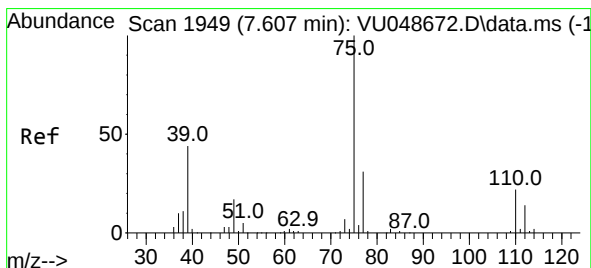
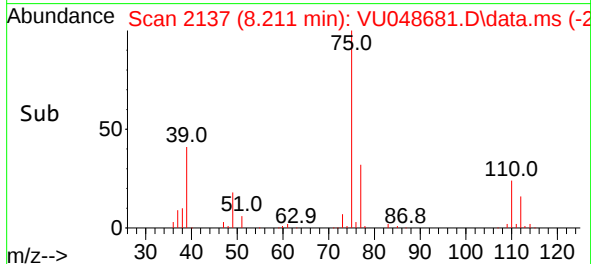
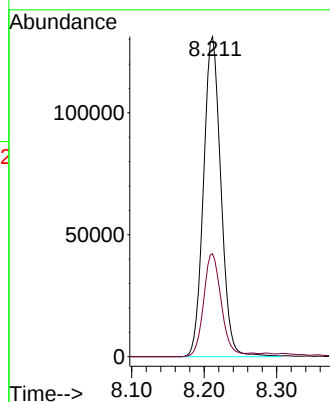
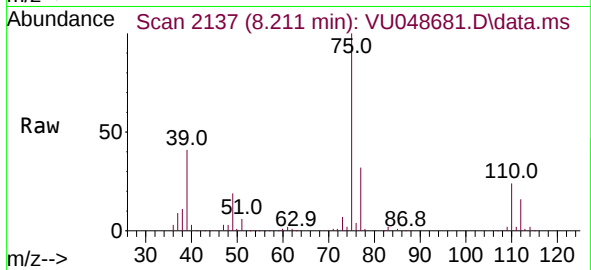




#53
 t-1,3-Dichloropropene
 Concen: 46.466 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

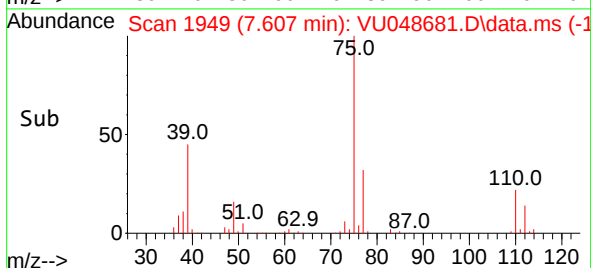
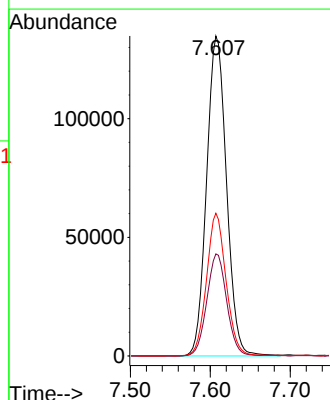
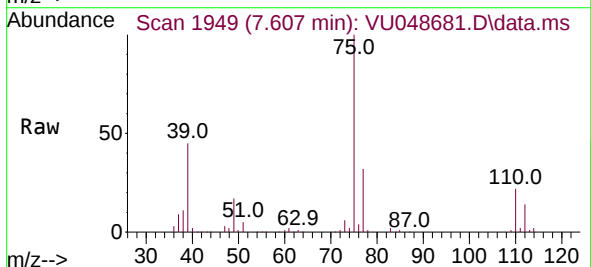
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

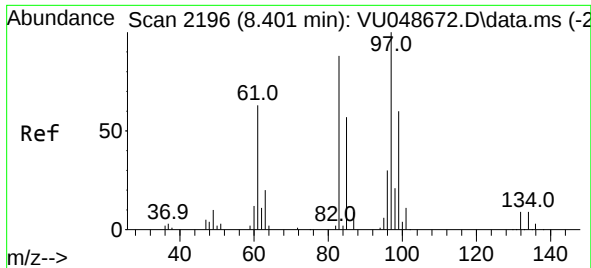
Tgt Ion: 75 Resp: 219143
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.778 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Tgt Ion: 75 Resp: 233497
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 44.5 35.2 52.8

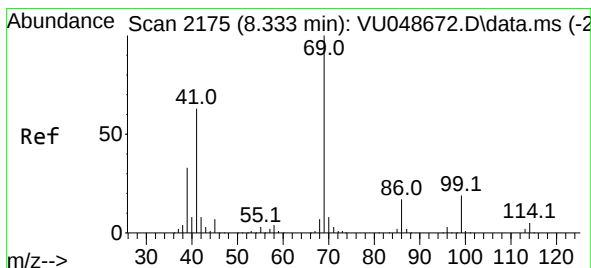
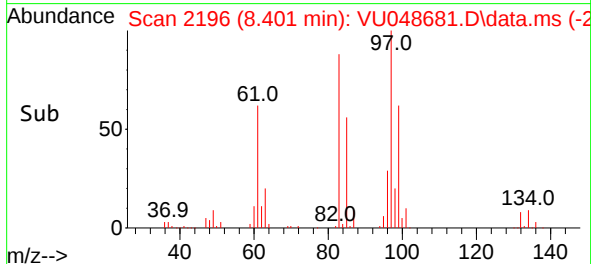
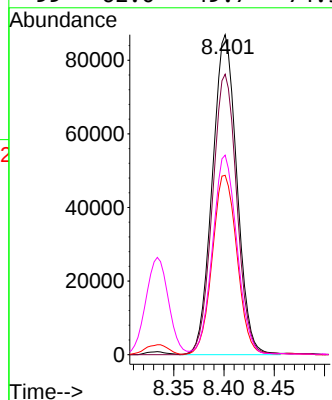
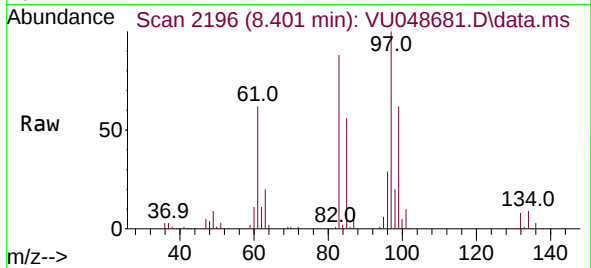




#55
 1,1,2-Trichloroethane
 Concen: 48.728 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

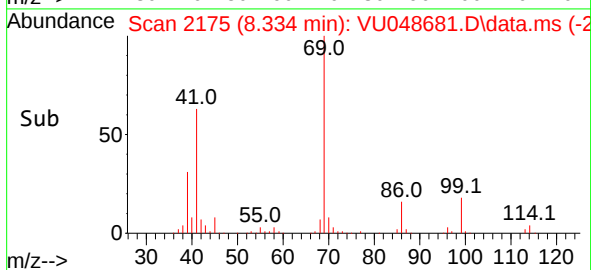
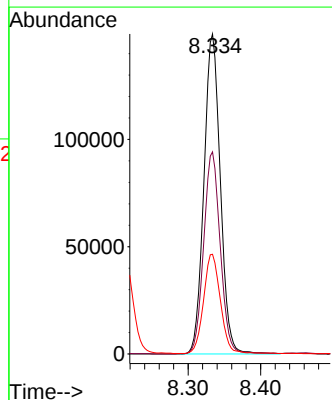
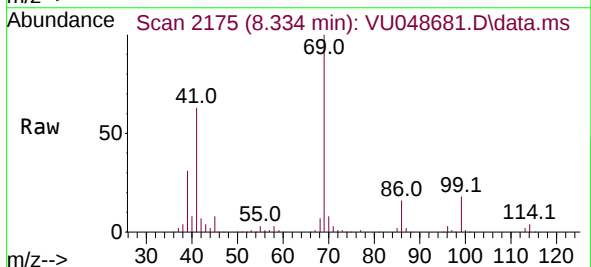
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

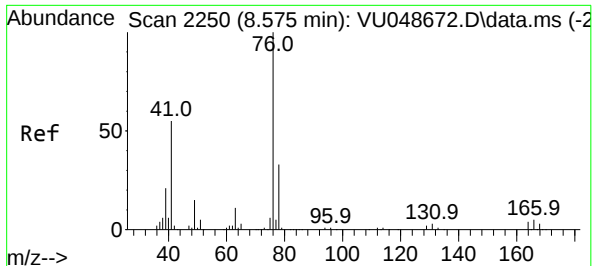
Tgt Ion:	97	Resp:	147859
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.4
85	55.8	45.6	68.4
99	62.0	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 48.979 ug/l
 RT: 8.334 min Scan# 2175
 Delta R.T. 0.001 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Tgt Ion:	69	Resp:	234580
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.6	76.0
39	31.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.748 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

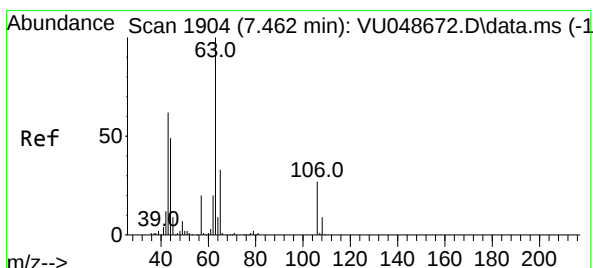
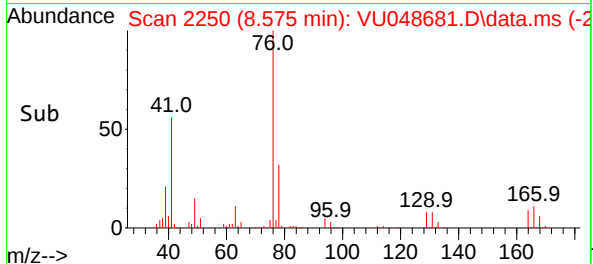
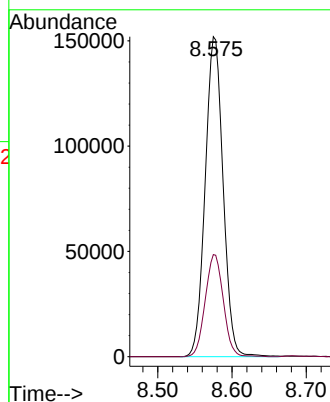
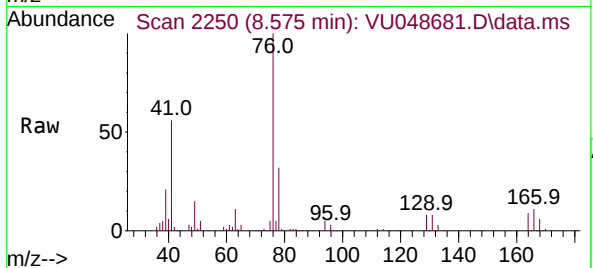
VSTDCCC050

Tgt Ion: 76 Resp: 254065

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 210.399 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048681.D

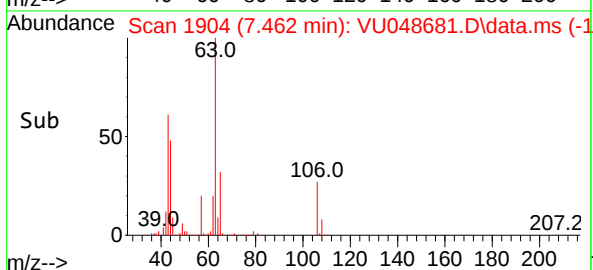
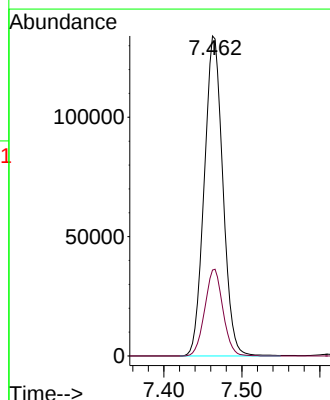
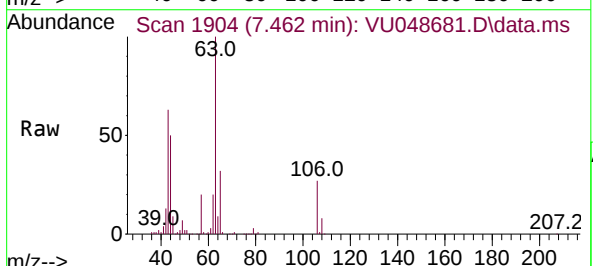
Acq: 27 May 2022 09:29

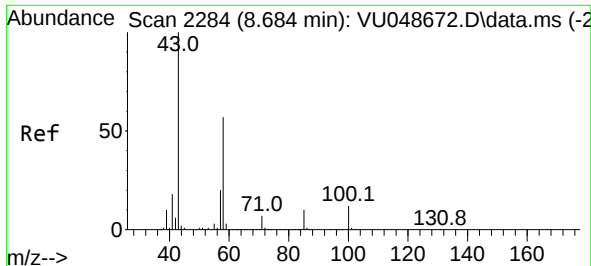
Tgt Ion: 63 Resp: 222308

Ion Ratio Lower Upper

63 100

106 26.4 22.2 33.2

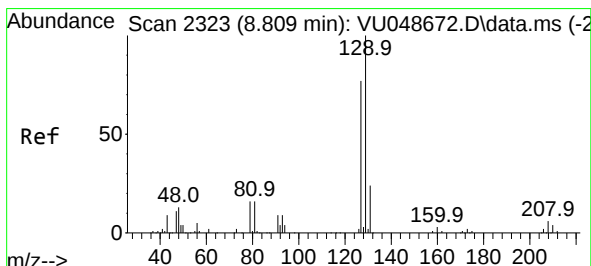
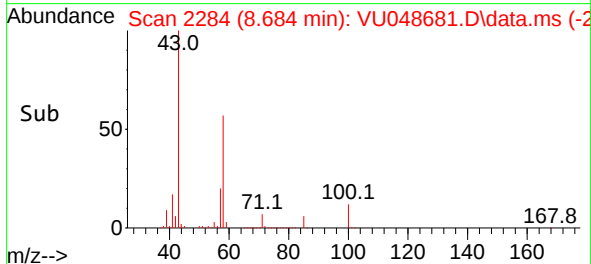
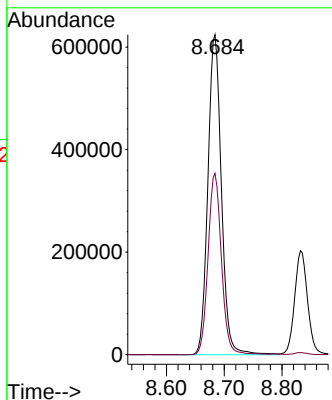
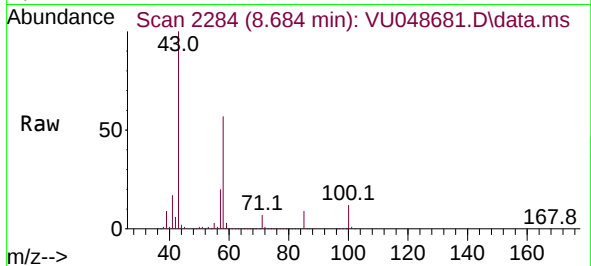




#59
2-Hexanone
Concen: 265.644 ug/l
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

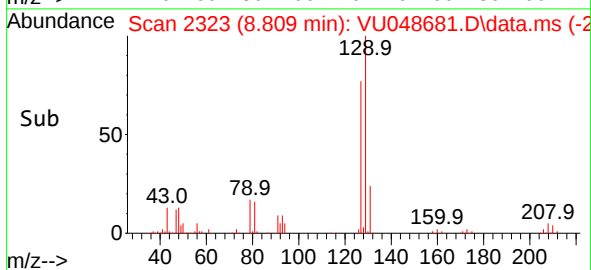
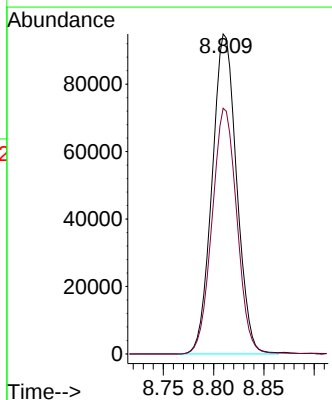
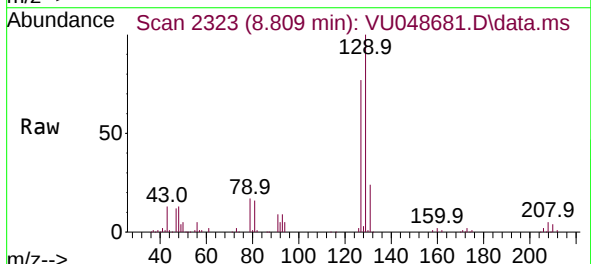
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1011617
Ion Ratio Lower Upper
43 100
58 56.3 28.2 84.6



#60
Dibromochloromethane
Concen: 47.331 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:129 Resp: 160991
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3

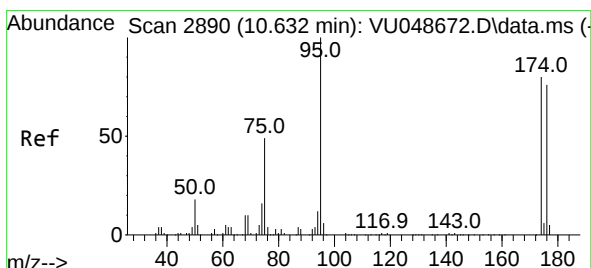
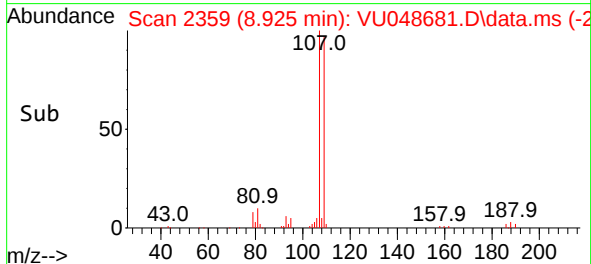
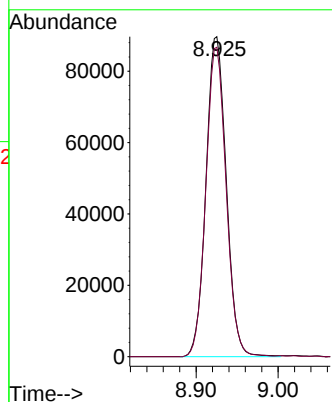
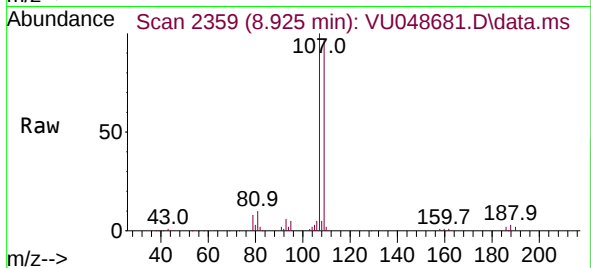




#61
1,2-Dibromoethane
Concen: 46.184 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

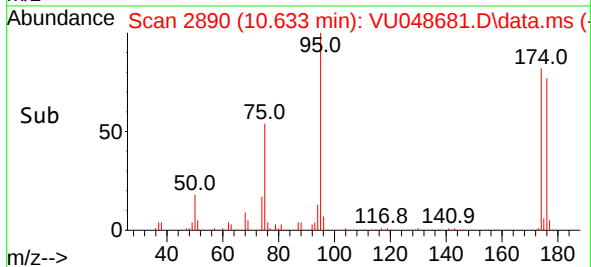
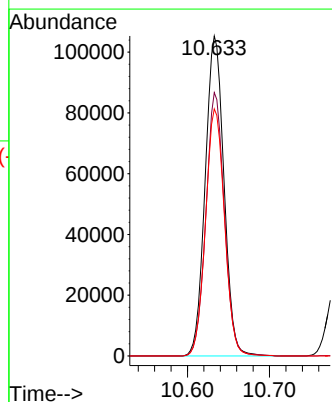
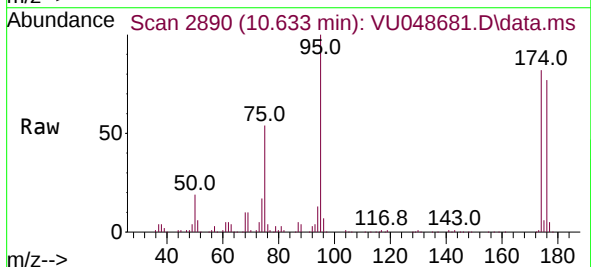
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

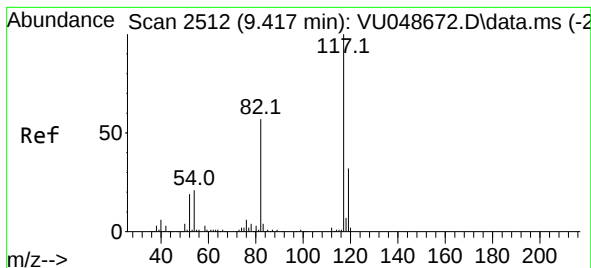
Tgt Ion:107 Resp: 154333
Ion Ratio Lower Upper
107 100
109 96.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 46.173 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 95 Resp: 166983
Ion Ratio Lower Upper
95 100
174 81.0 0.0 159.4
176 78.2 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2512

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

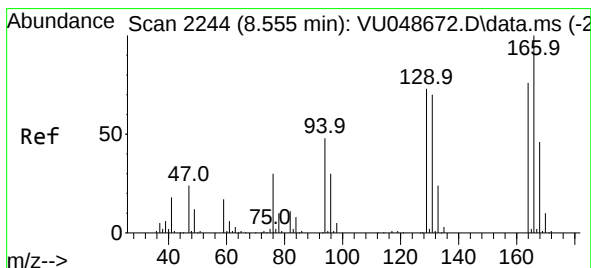
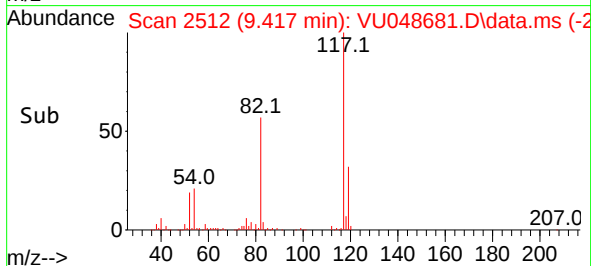
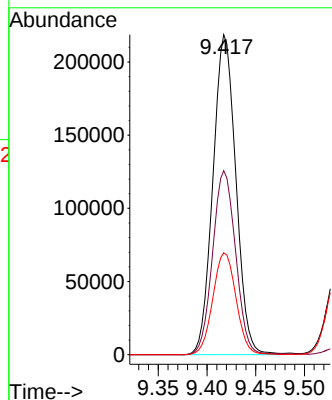
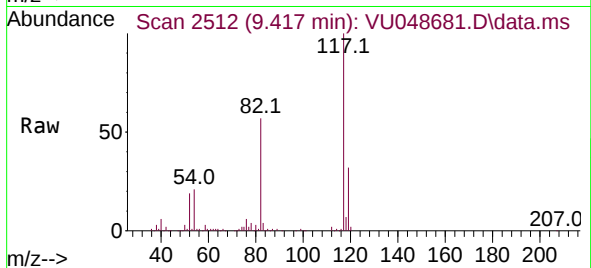
Tgt Ion:117 Resp: 358350

Ion Ratio Lower Upper

117 100

82 57.5 45.3 67.9

119 31.9 25.4 38.2



#64

Tetrachloroethene

Concen: 50.030 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Tgt Ion:164 Resp: 124493

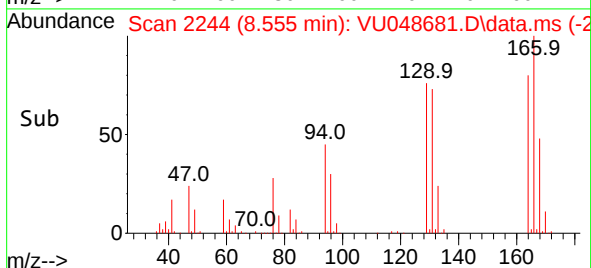
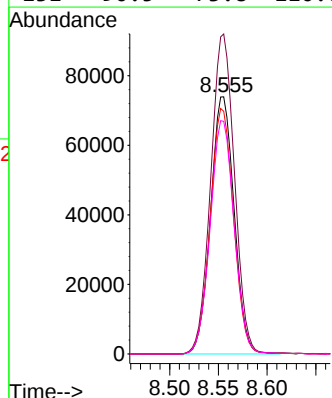
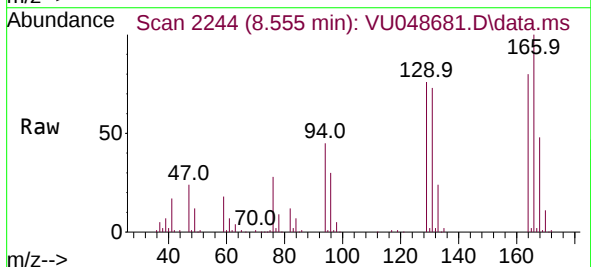
Ion Ratio Lower Upper

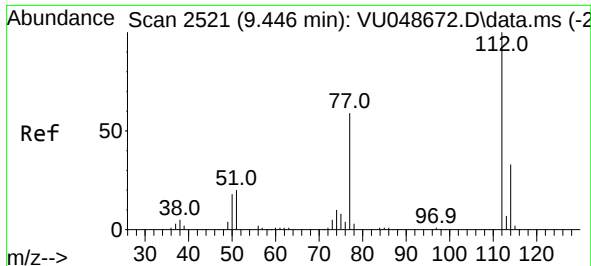
164 100

166 124.5 105.0 157.4

129 94.4 76.5 114.7

131 90.5 73.8 110.6

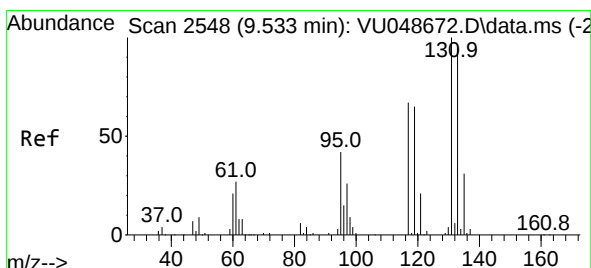
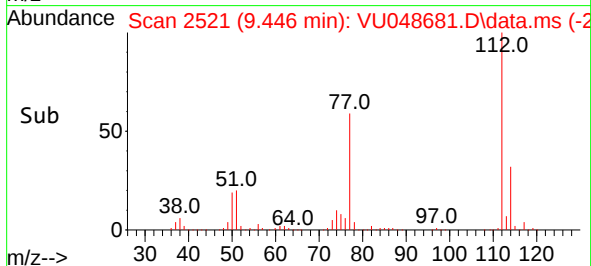
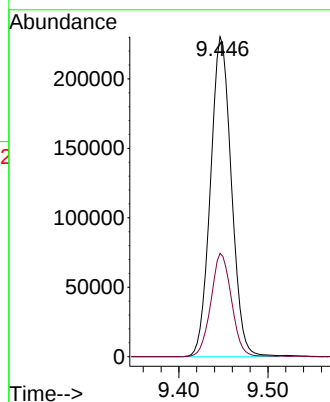
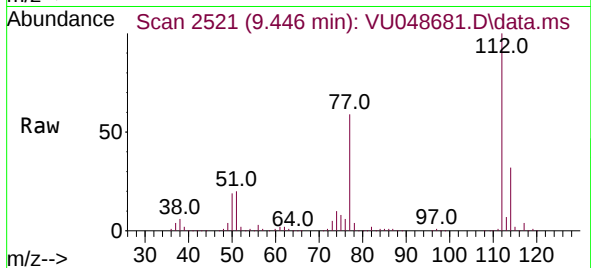




#65
Chlorobenzene
Concen: 49.608 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

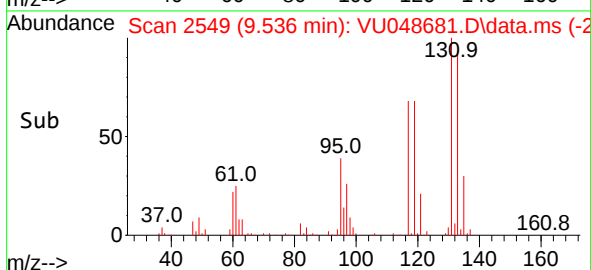
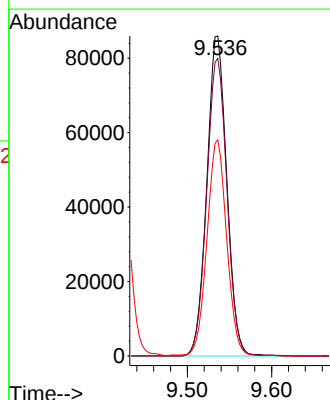
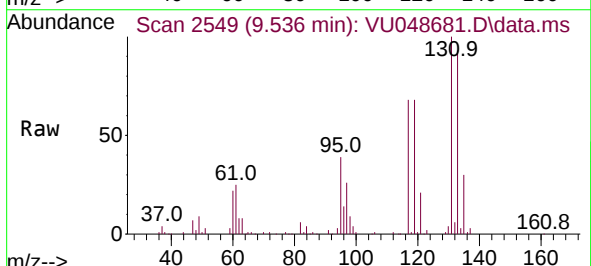
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

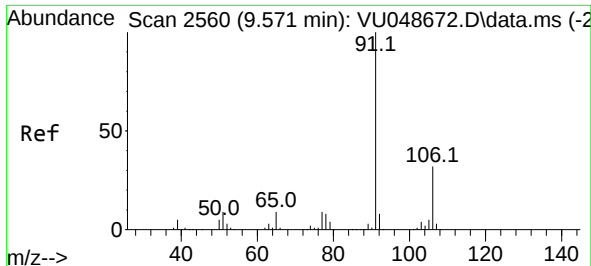
Tgt Ion:112 Resp: 375986
Ion Ratio Lower Upper
112 100
114 32.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.365 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:131 Resp: 142016
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 66.4 32.7 98.1





#67

Ethyl Benzene

Concen: 51.935 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

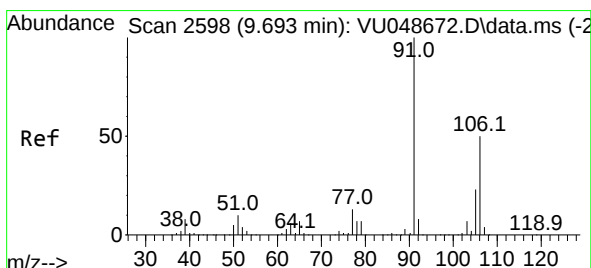
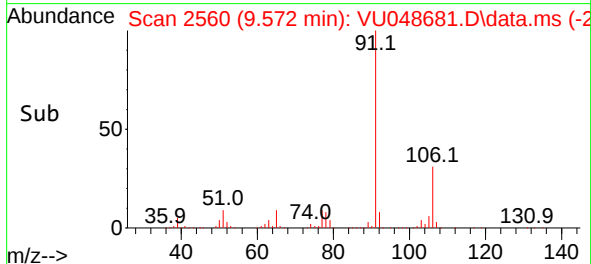
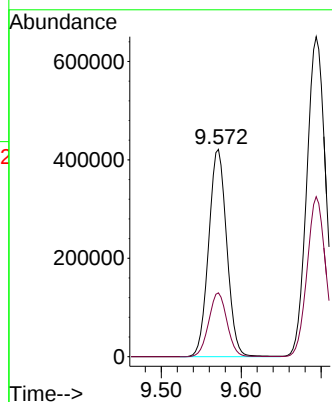
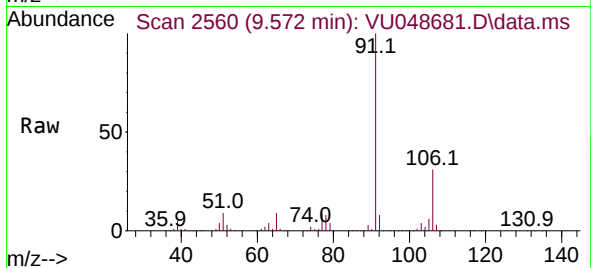
VSTDCCC050

Tgt Ion: 91 Resp: 663881

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



#68

m/p-Xylenes

Concen: 105.250 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048681.D

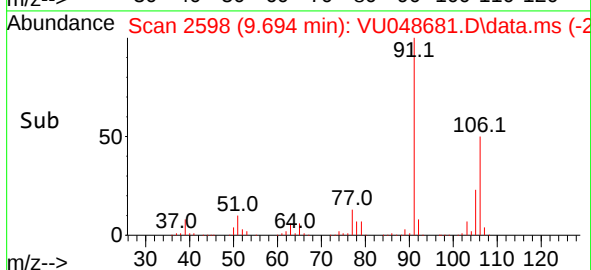
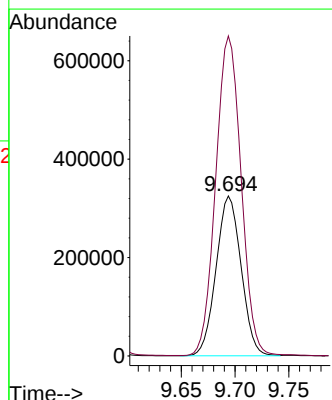
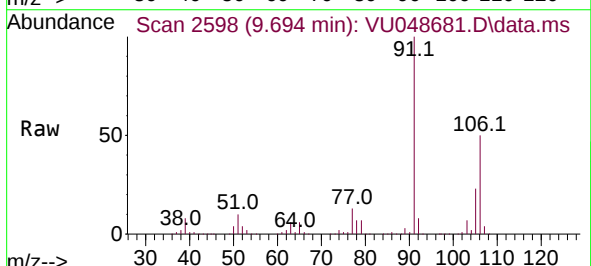
Acq: 27 May 2022 09:29

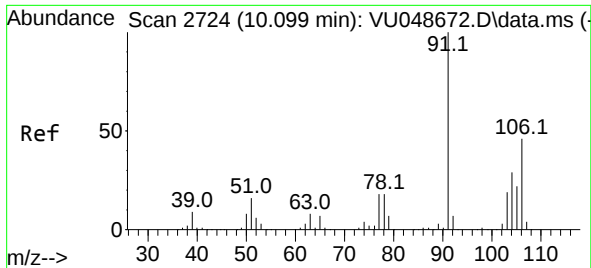
Tgt Ion: 106 Resp: 526205

Ion Ratio Lower Upper

106 100

91 203.3 162.4 243.6

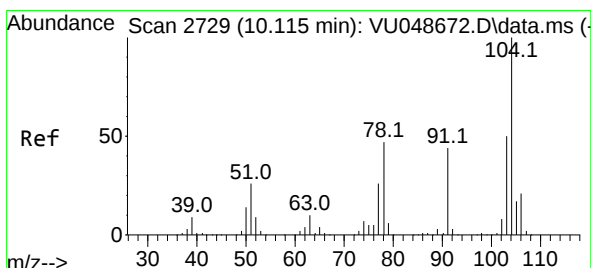
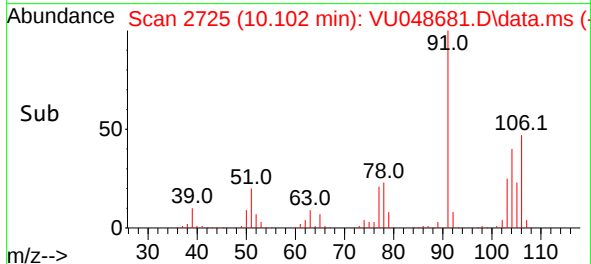
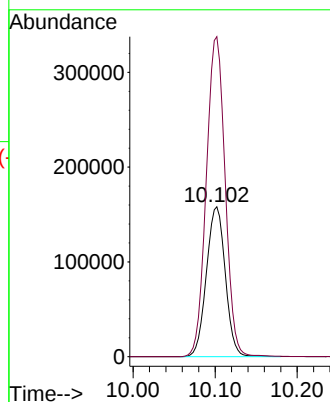
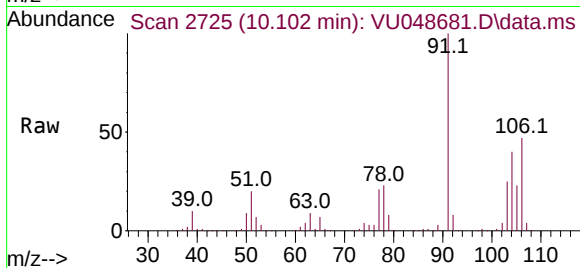




#69
o-Xylene
Concen: 51.563 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

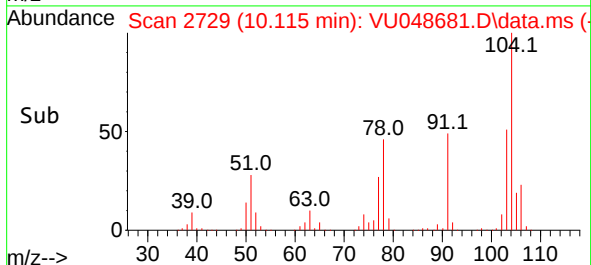
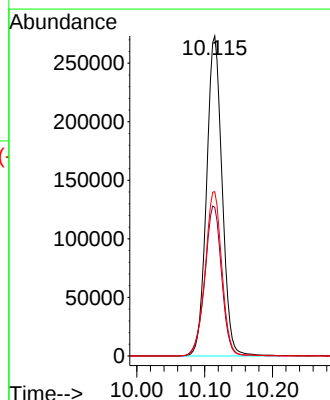
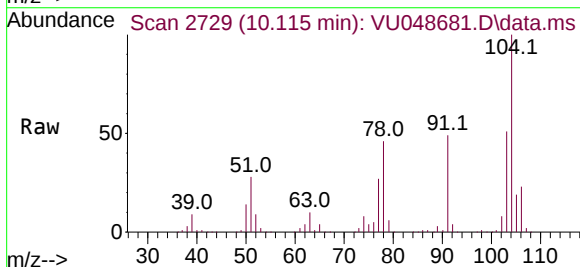
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

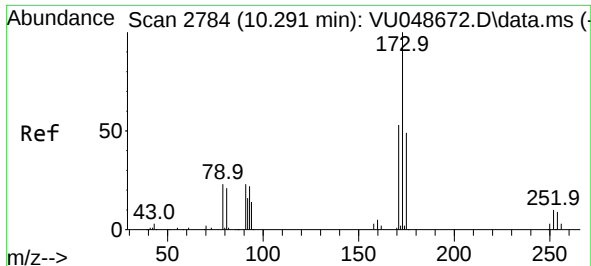
Tgt Ion:106 Resp: 253271
Ion Ratio Lower Upper
106 100
91 213.1 107.7 323.3



#70
Styrene
Concen: 53.956 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:104 Resp: 435923
Ion Ratio Lower Upper
104 100
78 50.5 41.2 61.8
103 55.1 43.4 65.2

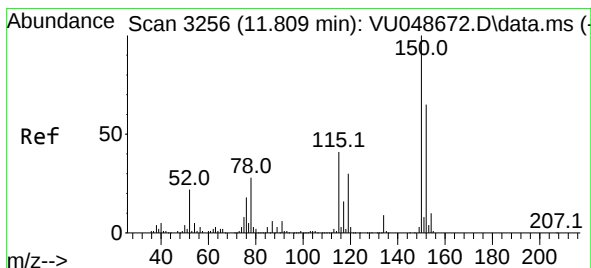
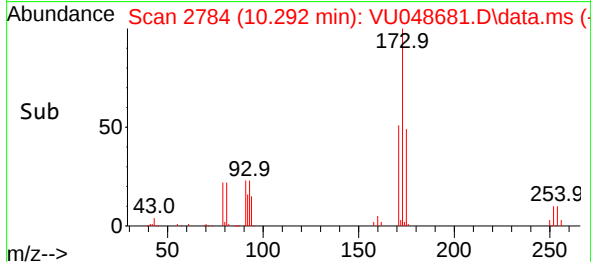
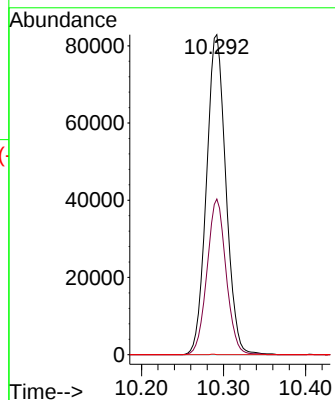
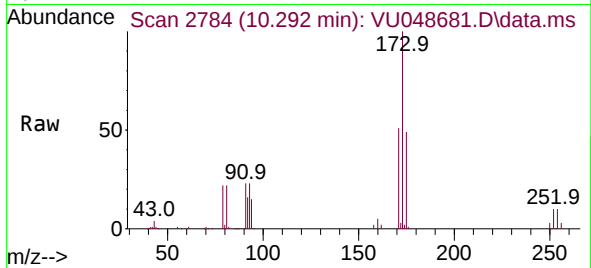




#71
Bromoform
Concen: 51.168 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

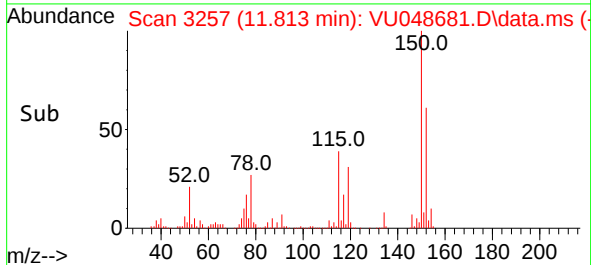
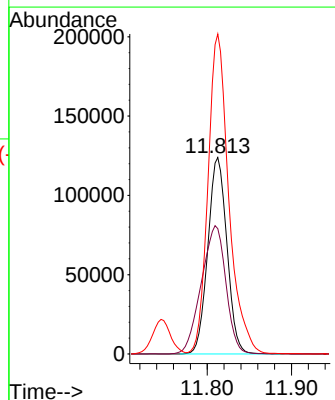
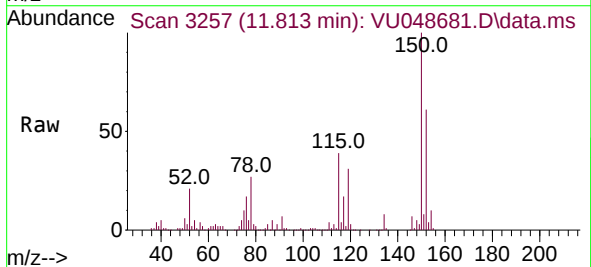
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

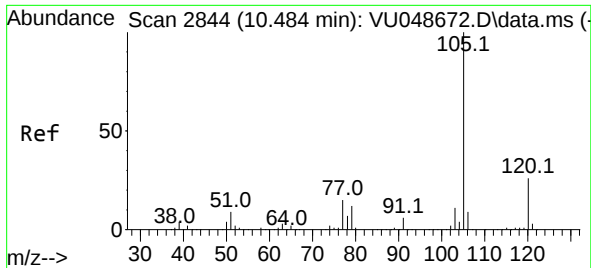
Tgt Ion:173 Resp: 136103
Ion Ratio Lower Upper
173 100
175 47.8 24.5 73.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:152 Resp: 195369
Ion Ratio Lower Upper
152 100
115 84.0 41.8 125.4
150 177.3 0.0 341.0

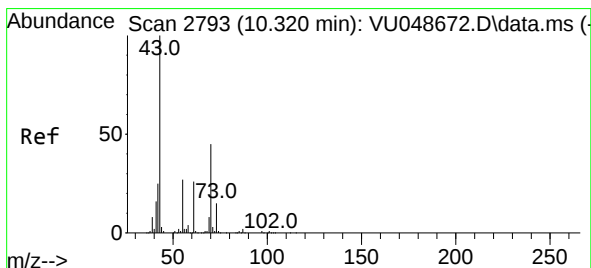
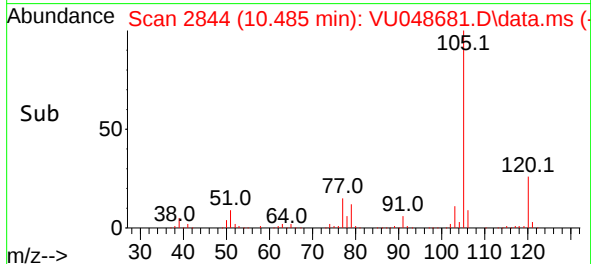
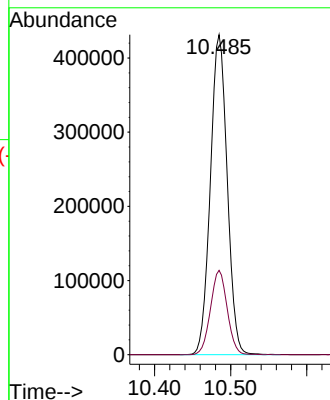
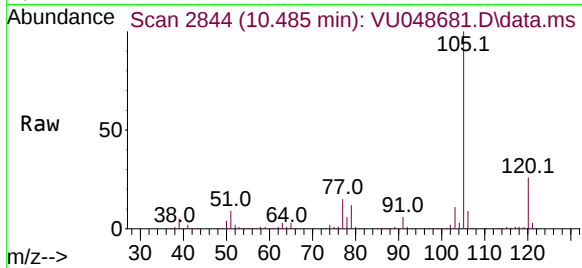




#73
Isopropylbenzene
Concen: 52.600 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

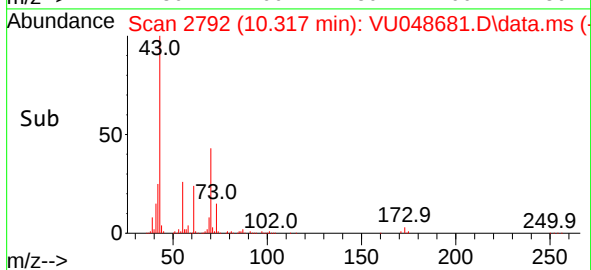
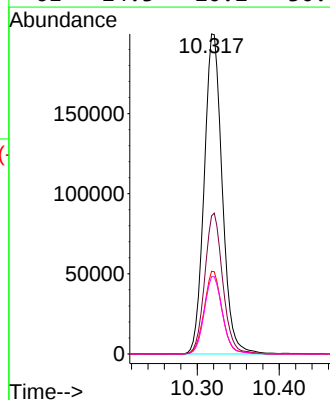
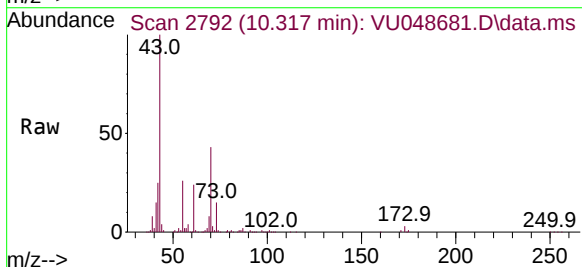
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

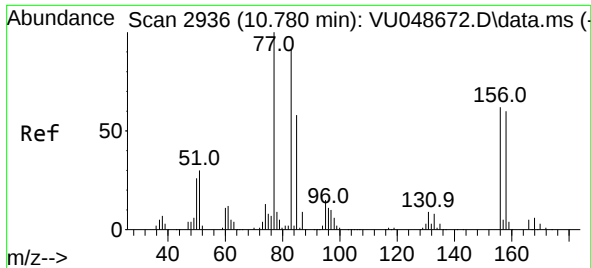
Tgt Ion:105 Resp: 663445
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 47.843 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. -0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 43 Resp: 304787
Ion Ratio Lower Upper
43 100
70 43.9 35.8 53.6
55 25.8 21.1 31.7
61 24.3 20.2 30.4

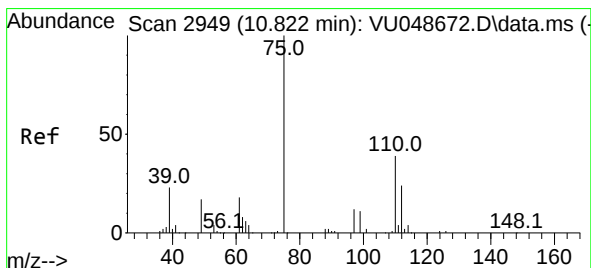
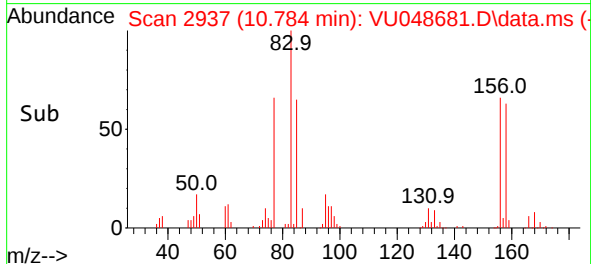
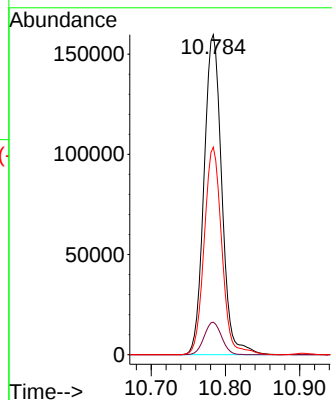
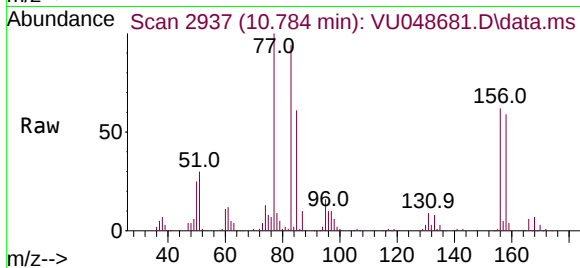




#75
1,1,2,2-Tetrachloroethane
Concen: 51.557 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

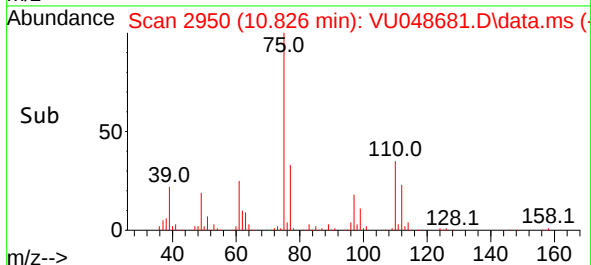
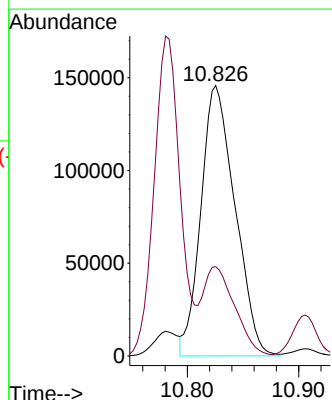
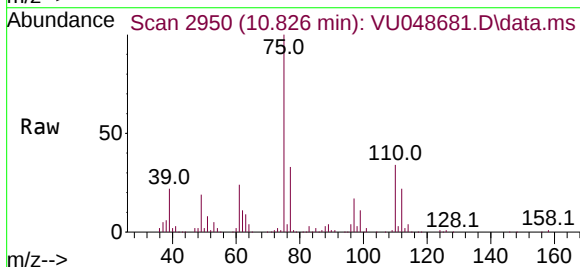
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

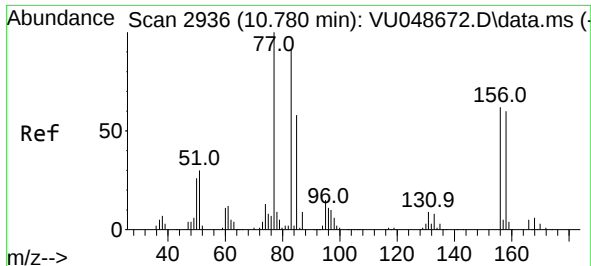
Tgt Ion: 83 Resp: 265374
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 64.2 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 49.223 ug/l
RT: 10.826 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 75 Resp: 310065
Ion Ratio Lower Upper
75 100
77 30.1 14.8 44.3

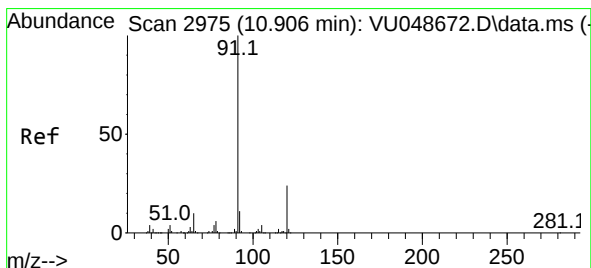
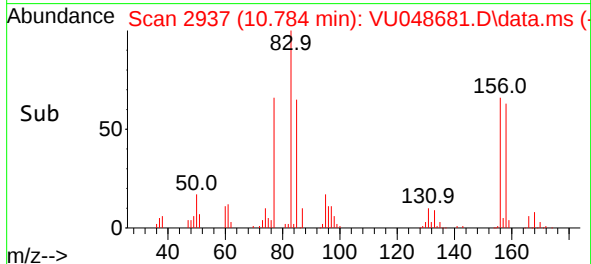
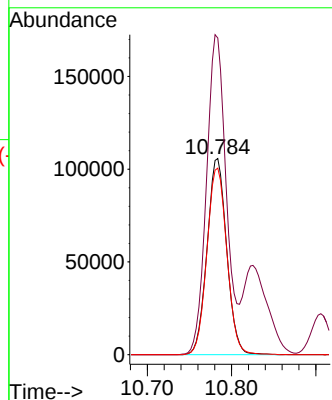
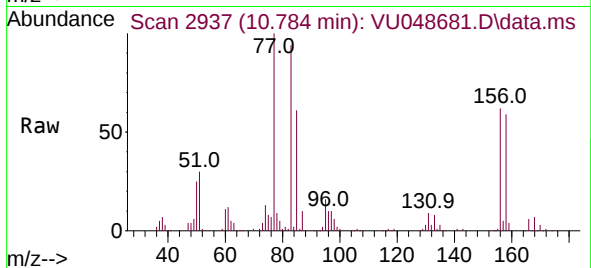




#77
Bromobenzene
Concen: 50.533 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

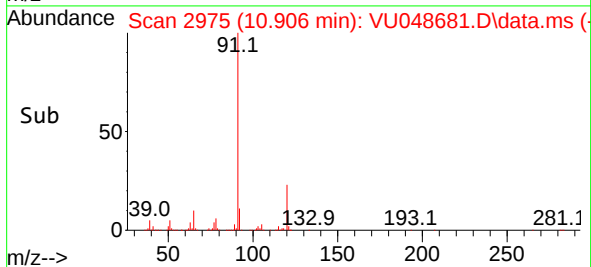
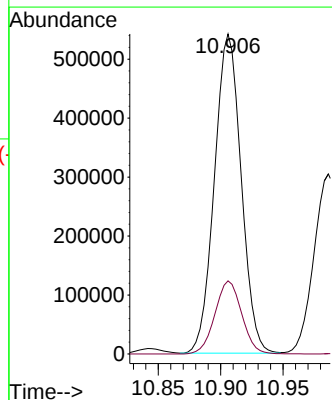
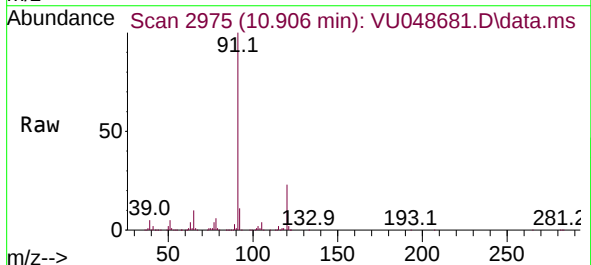
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

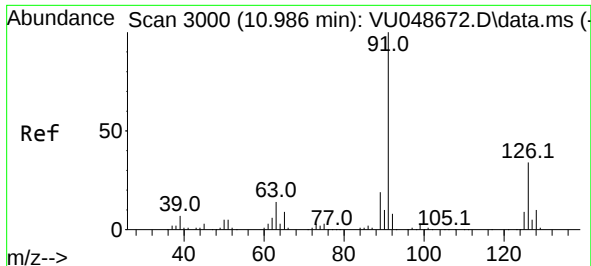
Tgt Ion:156 Resp: 171172
Ion Ratio Lower Upper
156 100
77 165.4 81.1 243.3
158 97.2 48.8 146.4



#78
n-propylbenzene
Concen: 53.718 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 91 Resp: 807342
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7

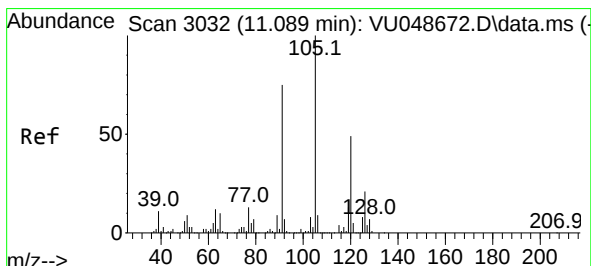
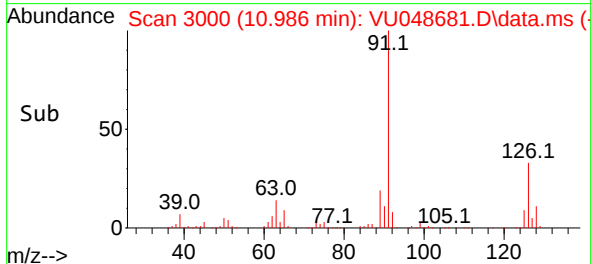
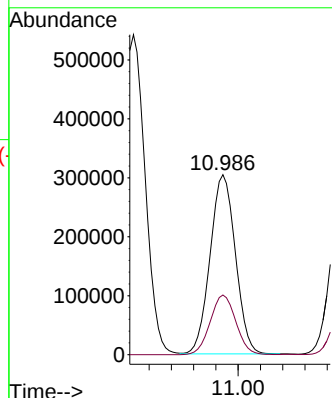
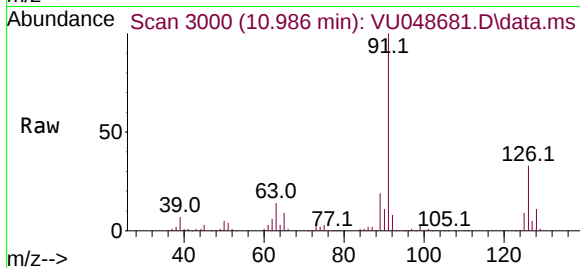




#79
2-Chlorotoluene
Concen: 51.365 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

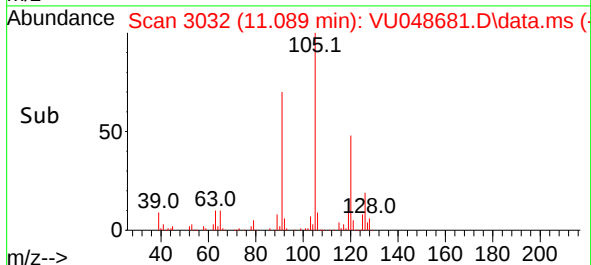
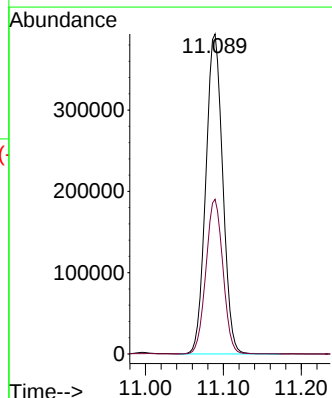
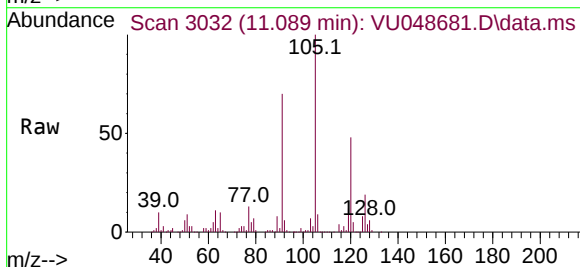
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

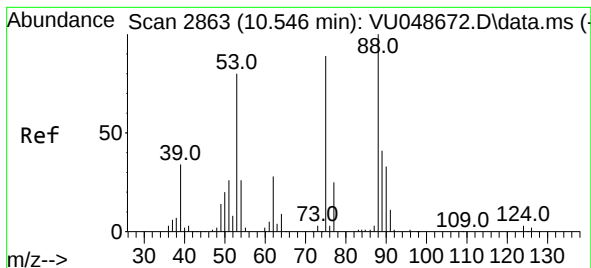
Tgt Ion: 91 Resp: 480077
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 54.128 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 105 Resp: 593705
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

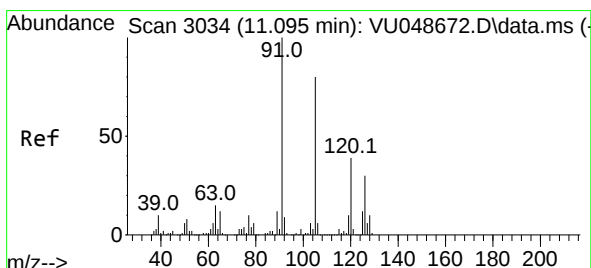
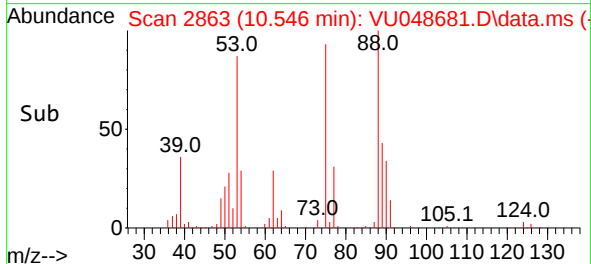
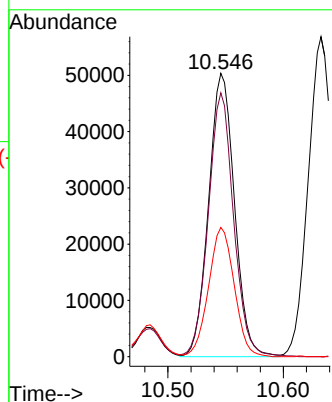
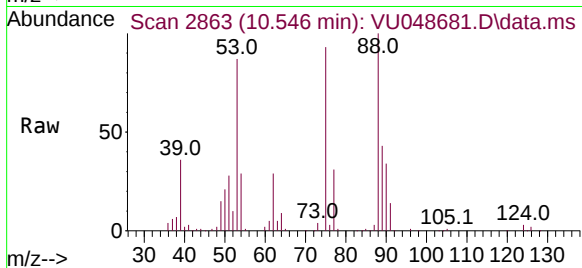




#81
trans-1,4-Dichloro-2-butene
Concen: 45.186 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

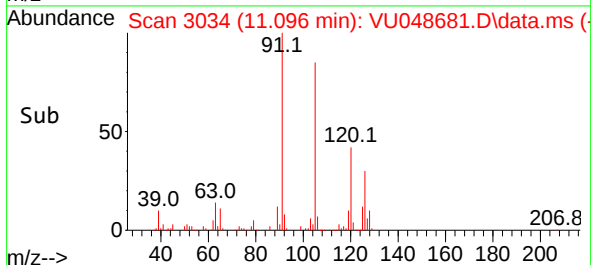
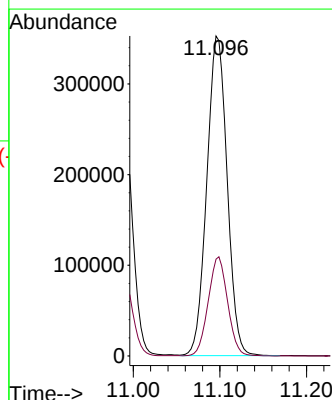
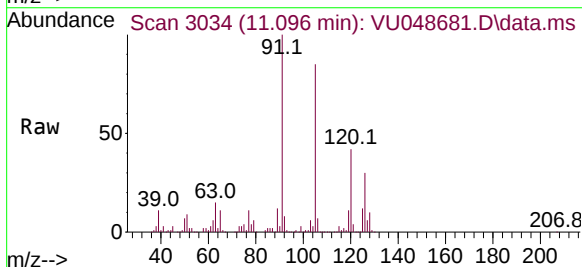
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

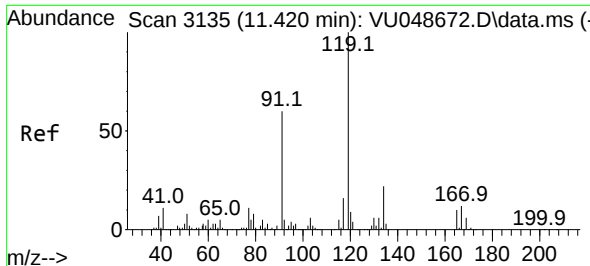
Tgt Ion: 75 Resp: 78393
Ion Ratio Lower Upper
75 100
53 91.4 72.5 108.7
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.333 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 91 Resp: 575125
Ion Ratio Lower Upper
91 100
126 29.6 14.4 43.2

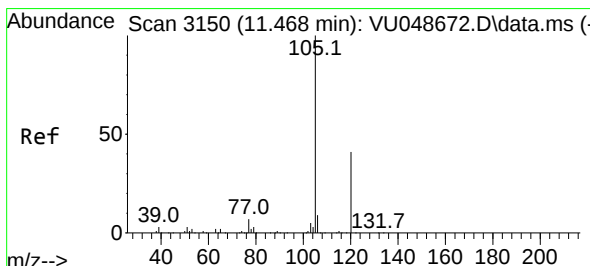
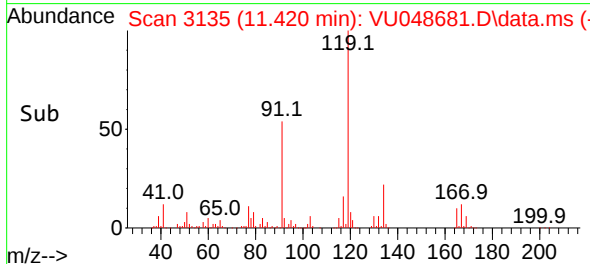
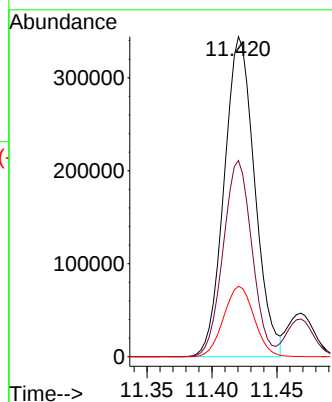
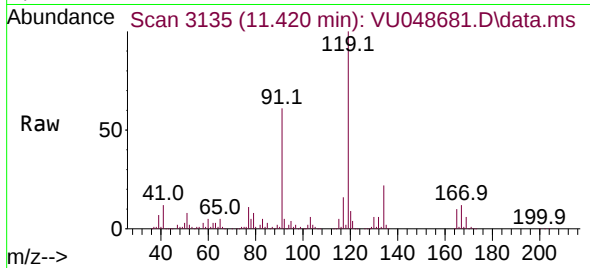




#83
tert-Butylbenzene
Concen: 53.570 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

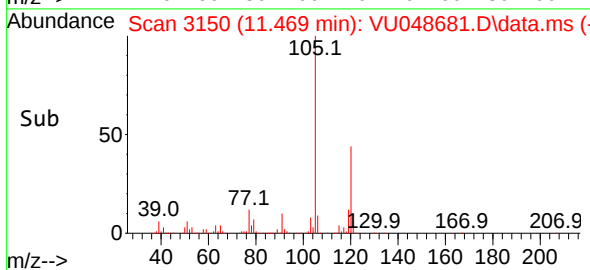
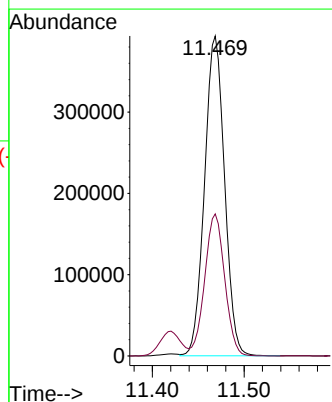
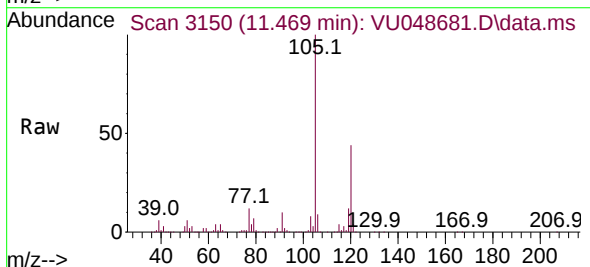
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

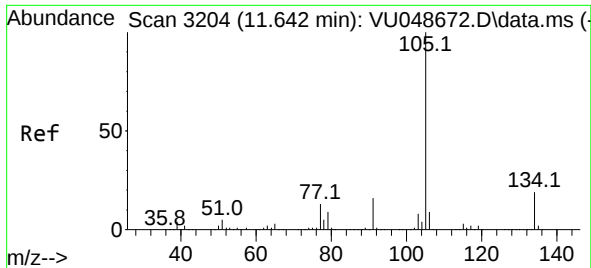
Tgt Ion:119 Resp: 563946
Ion Ratio Lower Upper
119 100
91 58.0 28.7 86.1
134 21.9 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 50.340 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.001 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:105 Resp: 595172
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

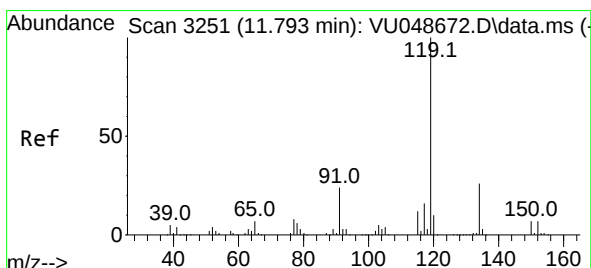
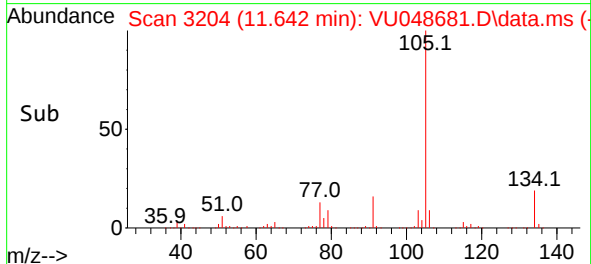
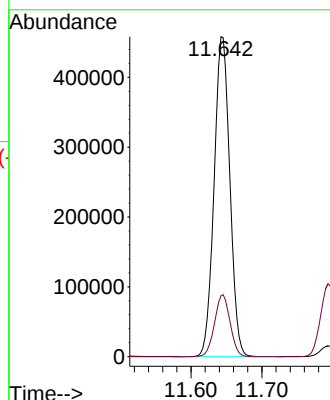
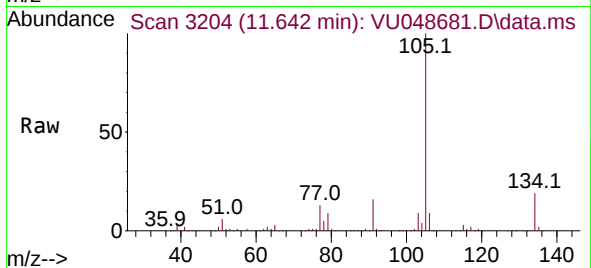




#85
 sec-Butylbenzene
 Concen: 53.688 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

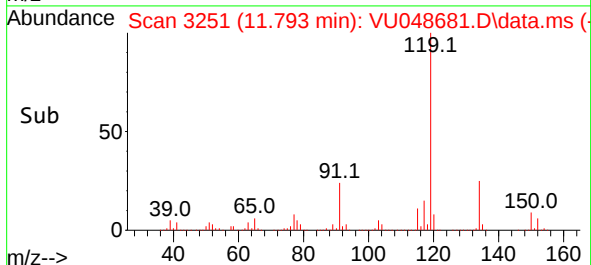
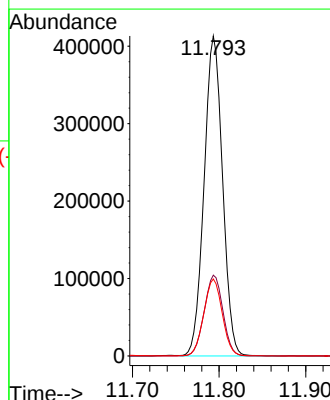
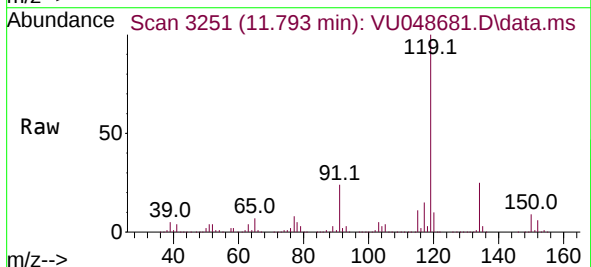
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 707070
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.021 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048681.D
 Acq: 27 May 2022 09:29

Tgt Ion:119 Resp: 610973
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 50.524 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

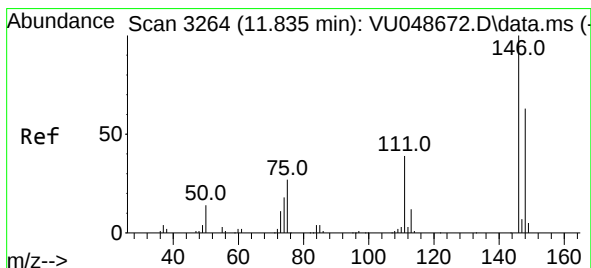
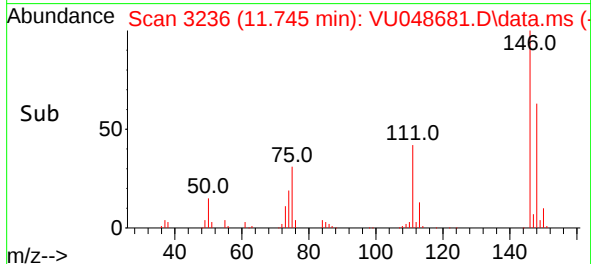
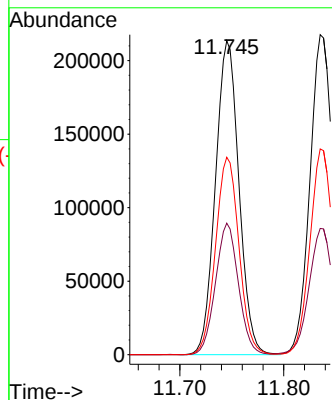
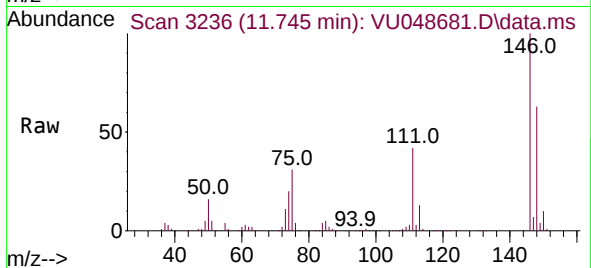
Tgt Ion:146 Resp: 335549

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 62.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.735 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

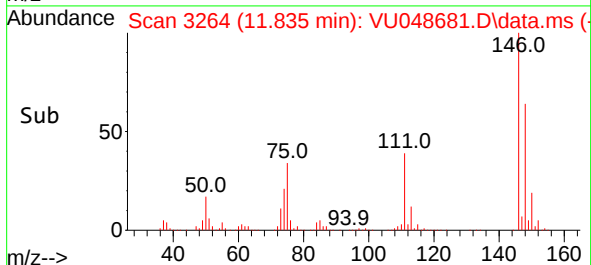
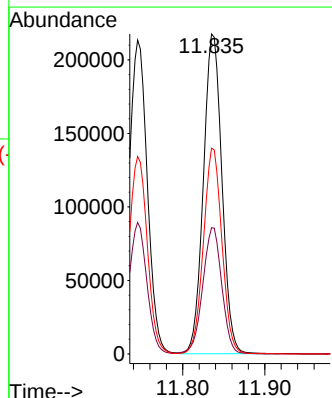
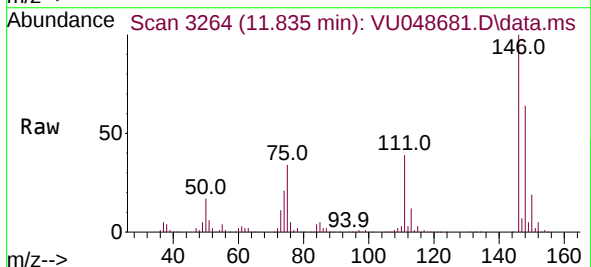
Tgt Ion:146 Resp: 341252

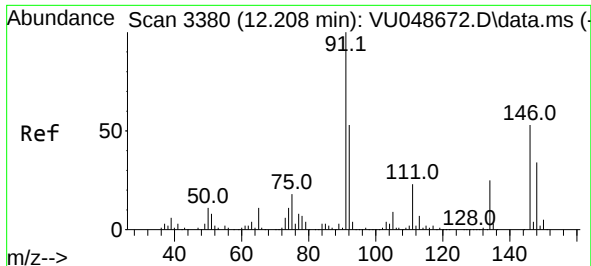
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 63.9 32.4 97.0





#89

n-Butylbenzene

Concen: 46.986 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

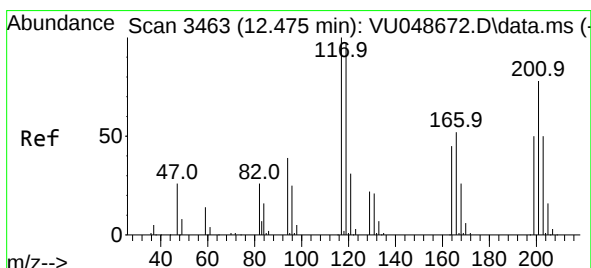
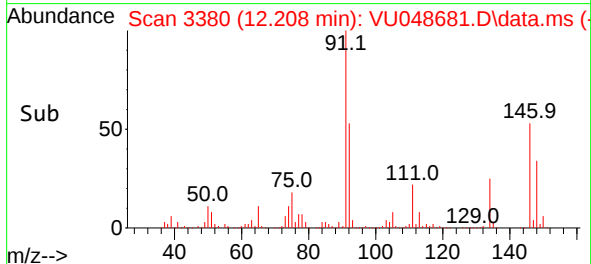
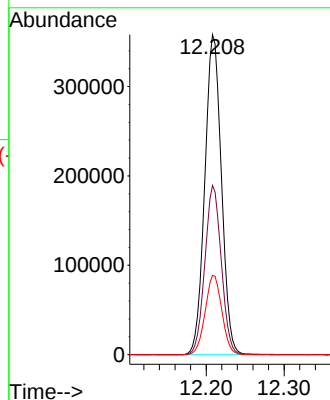
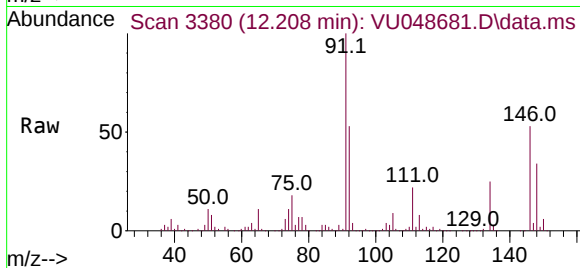
Tgt Ion: 91 Resp: 530355

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 24.9 12.5 37.5



#90

Hexachloroethane

Concen: 47.324 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048681.D

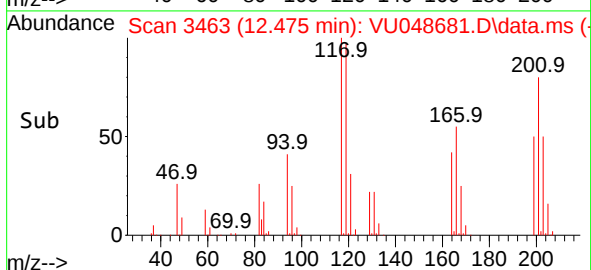
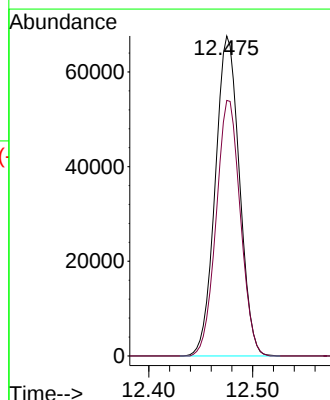
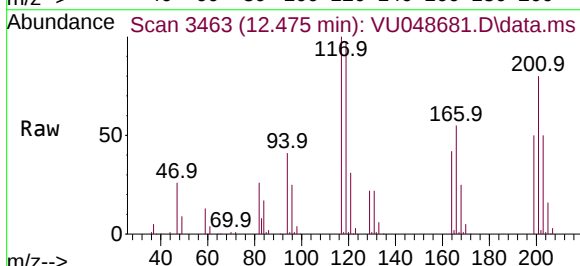
Acq: 27 May 2022 09:29

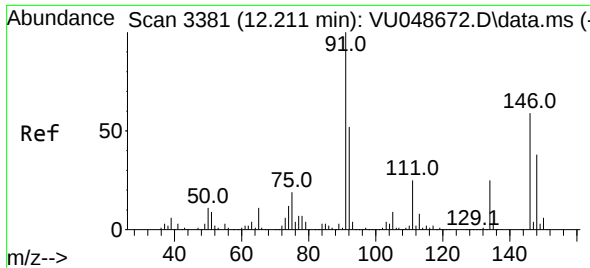
Tgt Ion: 117 Resp: 109231

Ion Ratio Lower Upper

117 100

201 79.9 39.6 119.0

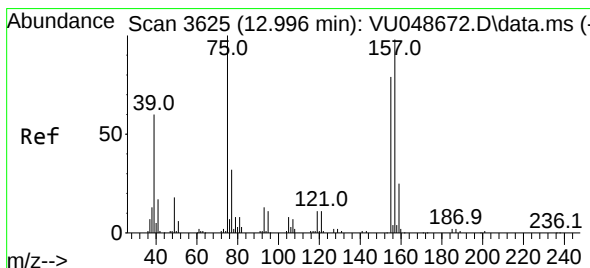
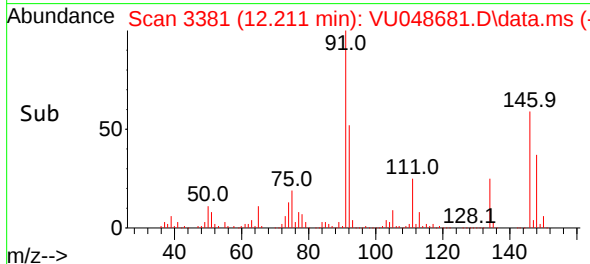
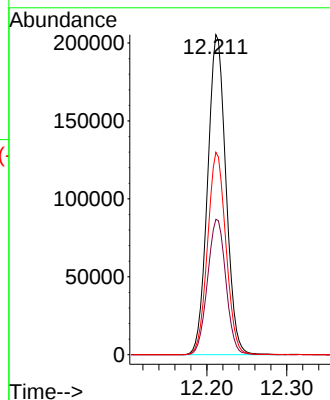
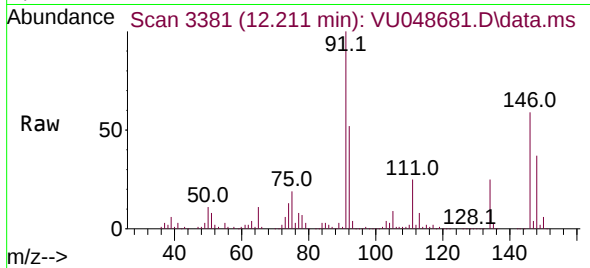




#91
1,2-Dichlorobenzene
Concen: 48.740 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

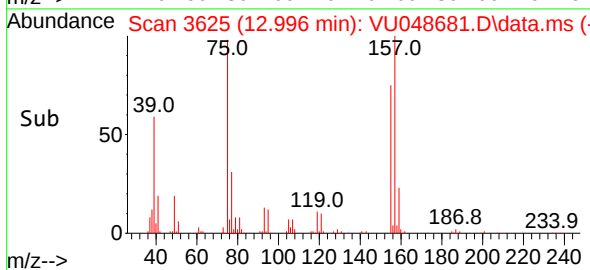
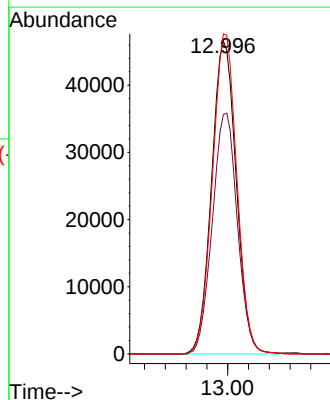
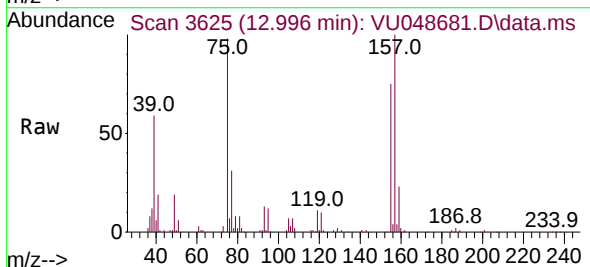
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

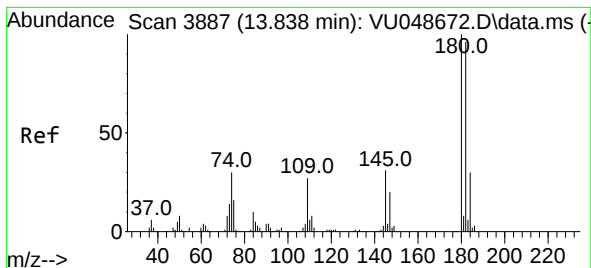
Tgt Ion:146 Resp: 327008
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.721 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion: 75 Resp: 76651
Ion Ratio Lower Upper
75 100
155 78.4 40.3 120.8
157 101.3 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 47.324 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

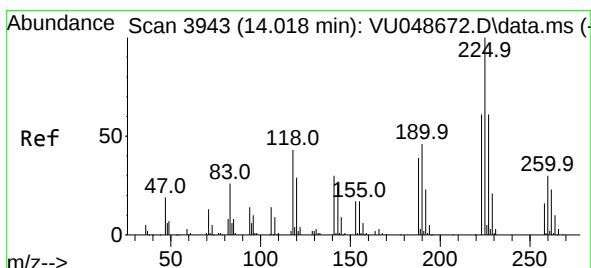
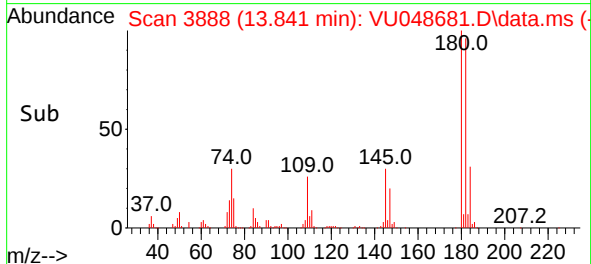
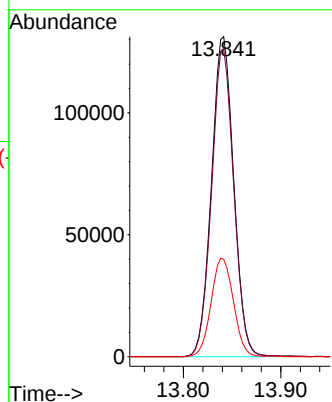
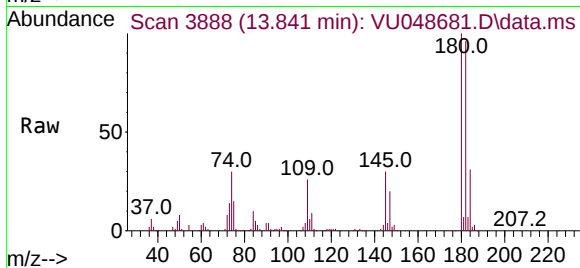
Tgt Ion:180 Resp: 208350

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.9

145 30.8 15.6 46.7



#94

Hexachlorobutadiene

Concen: 43.957 ug/l

RT: 14.022 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048681.D

Acq: 27 May 2022 09:29

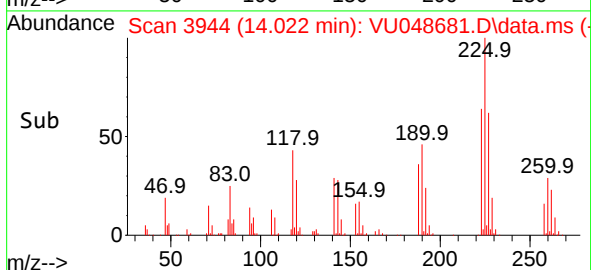
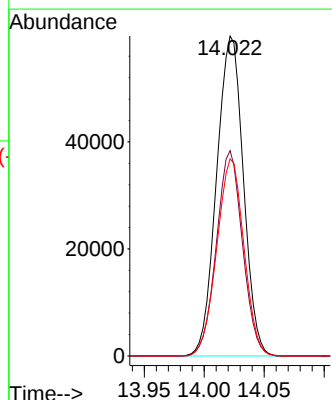
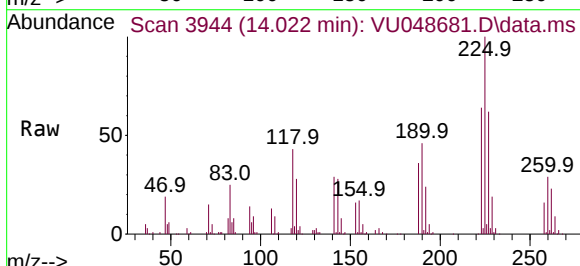
Tgt Ion:225 Resp: 92762

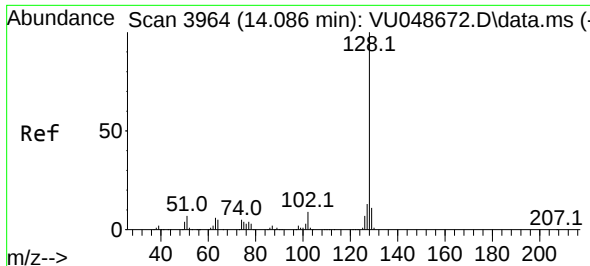
Ion Ratio Lower Upper

225 100

223 62.6 30.9 92.8

227 62.3 31.1 93.5

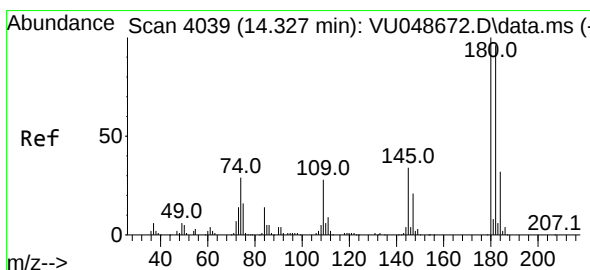
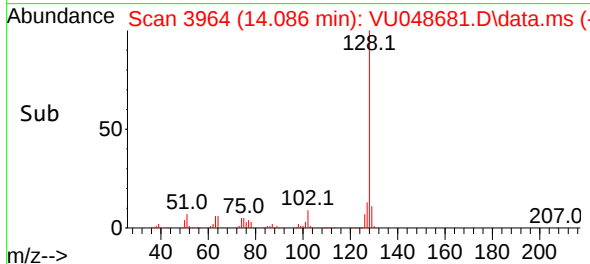
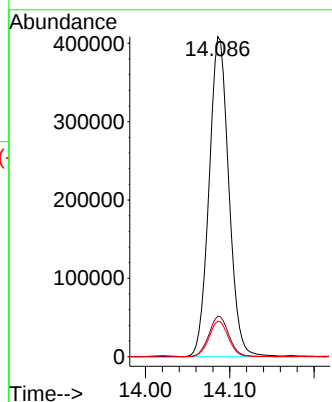
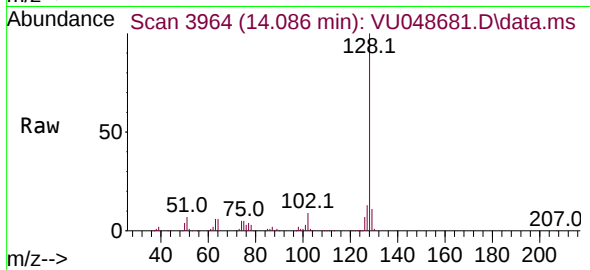




#95
Naphthalene
Concen: 43.532 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 664129
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.898 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048681.D
Acq: 27 May 2022 09:29

Tgt Ion:180 Resp: 213224
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 33.4 16.6 49.8

