

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048707.D
 Acq On : 27 May 2022 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 28 00:26:04 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	5.372	168	273231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	443063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	404751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	219872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192930	47.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.040%
35) Dibromofluoromethane	5.288	113	157504	49.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	7.899	98	547853	48.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	10.632	95	217721	50.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	136979	43.793	ug/l	99
3) Chloromethane	1.523	50	162436	40.341	ug/l	98
4) Vinyl Chloride	1.604	62	167468	44.905	ug/l	97
5) Bromomethane	1.845	94	89691	42.575	ug/l	99
6) Chloroethane	1.929	64	100948	49.261	ug/l	100
7) Trichlorofluoromethane	2.137	101	232346	43.623	ug/l	99
8) Diethyl Ether	2.375	74	91192	46.396	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	128418	44.046	ug/l	99
10) Methyl Iodide	2.723	142	187486	43.695	ug/l	97
11) Tert butyl alcohol	3.173	59	260761	250.653	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	130636	46.976	ug/l	97
13) Acrolein	2.485	56	51864	148.718	ug/l	100
14) Allyl chloride	2.922	41	247343	45.921	ug/l	98
15) Acrylonitrile	3.308	53	575028	254.856	ug/l	99
16) Acetone	2.620	43	477845	228.503	ug/l	99
17) Carbon Disulfide	2.790	76	345262	42.529	ug/l	98
18) Methyl Acetate	2.945	43	275956	52.558	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	517673	49.060	ug/l	99
20) Methylene Chloride	3.044	84	160554	45.149	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	145872	45.856	ug/l	98
22) Diisopropyl ether	3.990	45	498473	50.171	ug/l	96
23) Vinyl Acetate	3.954	43	2216565	257.492	ug/l	100
24) 1,1-Dichloroethane	3.867	63	287808	46.123	ug/l	100
25) 2-Butanone	4.697	43	783016	260.640	ug/l	98
26) 2,2-Dichloropropane	4.665	77	215499	38.494	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	177370	48.172	ug/l	95
28) Bromochloromethane	4.973	49	124226	50.755	ug/l	99
29) Tetrahydrofuran	5.047	42	497324	262.811	ug/l	99
30) Chloroform	5.089	83	292712	46.881	ug/l	100
31) Cyclohexane	5.388	56	242881	46.968	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	262119	46.274	ug/l	99
36) 1,1-Dichloropropene	5.526	75	205423	44.528	ug/l	99
37) Ethyl Acetate	4.800	43	278914	47.824	ug/l	98
38) Carbon Tetrachloride	5.523	117	226751	42.843	ug/l	98
39) Methylcyclohexane	6.764	83	227177	46.965	ug/l	98
40) Benzene	5.774	78	615995	45.228	ug/l	100

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	148296	50.319	ug/l	99
42) 1,2-Dichloroethane	5.793	62	235425	44.157	ug/l	98
43) Isopropyl Acetate	5.909	43	420096	49.629	ug/l	99
44) Trichloroethene	6.542	130	157079	44.766	ug/l	98
45) 1,2-Dichloropropane	6.790	63	167118	48.739	ug/l	100
46) Dibromomethane	6.919	93	115790	45.200	ug/l	96
47) Bromodichloromethane	7.105	83	231506	44.688	ug/l	99
48) Methyl methacrylate	6.960	41	192705	50.712	ug/l	99
49) 1,4-Dioxane	6.960	88	86906	1023.067	ug/l	99
51) 4-Methyl-2-Pentanone	7.790	43	1418225	258.031	ug/l	100
52) Toluene	7.970	92	385000	47.259	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	259319	46.404	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	271273	46.846	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	163496	45.473	ug/l	98
56) Ethyl methacrylate	8.333	69	272693	48.101	ug/l	98
57) 1,3-Dichloropropane	8.575	76	279609	46.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	248758	200.349	ug/l	98
59) 2-Hexanone	8.684	43	1142305	253.152	ug/l	99
60) Dibromochloromethane	8.809	129	185492	46.024	ug/l	100
61) 1,2-Dibromoethane	8.925	107	177919	44.933	ug/l	99
64) Tetrachloroethene	8.552	164	131498	46.714	ug/l	98
65) Chlorobenzene	9.446	112	422342	49.336	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	160800	49.486	ug/l	99
67) Ethyl Benzene	9.571	91	791815	54.842	ug/l	98
68) m/p-Xylenes	9.693	106	598372	105.964	ug/l	99
69) o-Xylene	10.099	106	285192	51.406	ug/l	100
70) Styrene	10.115	104	485585	53.213	ug/l	99
71) Bromoform	10.291	173	151601	50.461	ug/l #	99
73) Isopropylbenzene	10.484	105	753947	53.114	ug/l	99
74) N-amyl acetate	10.320	43	357507	49.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	295113	50.946	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	350137	49.390	ug/l	99
77) Bromobenzene	10.780	156	190545	49.983	ug/l	100
78) n-propylbenzene	10.906	91	907059	53.627	ug/l	100
79) 2-Chlorotoluene	10.986	91	542865	51.610	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	663856	53.779	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	93234	47.752	ug/l	97
82) 4-Chlorotoluene	11.095	91	632546	52.121	ug/l	99
83) tert-Butylbenzene	11.420	119	646091	54.534	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	734340	55.075	ug/l	98
85) sec-Butylbenzene	11.642	105	801019	54.043	ug/l	100
86) p-Isopropyltoluene	11.793	119	690420	54.243	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	367487	49.167	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	375141	48.581	ug/l	99
89) n-Butylbenzene	12.208	91	621222	48.814	ug/l	99
90) Hexachloroethane	12.475	117	121651	46.831	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	370415	49.057	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	88892	53.296	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	251724	50.804	ug/l	99
94) Hexachlorobutadiene	14.021	225	102726	43.254	ug/l	99
95) Naphthalene	14.086	128	1169197	66.667	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	250035	50.949	ug/l	99

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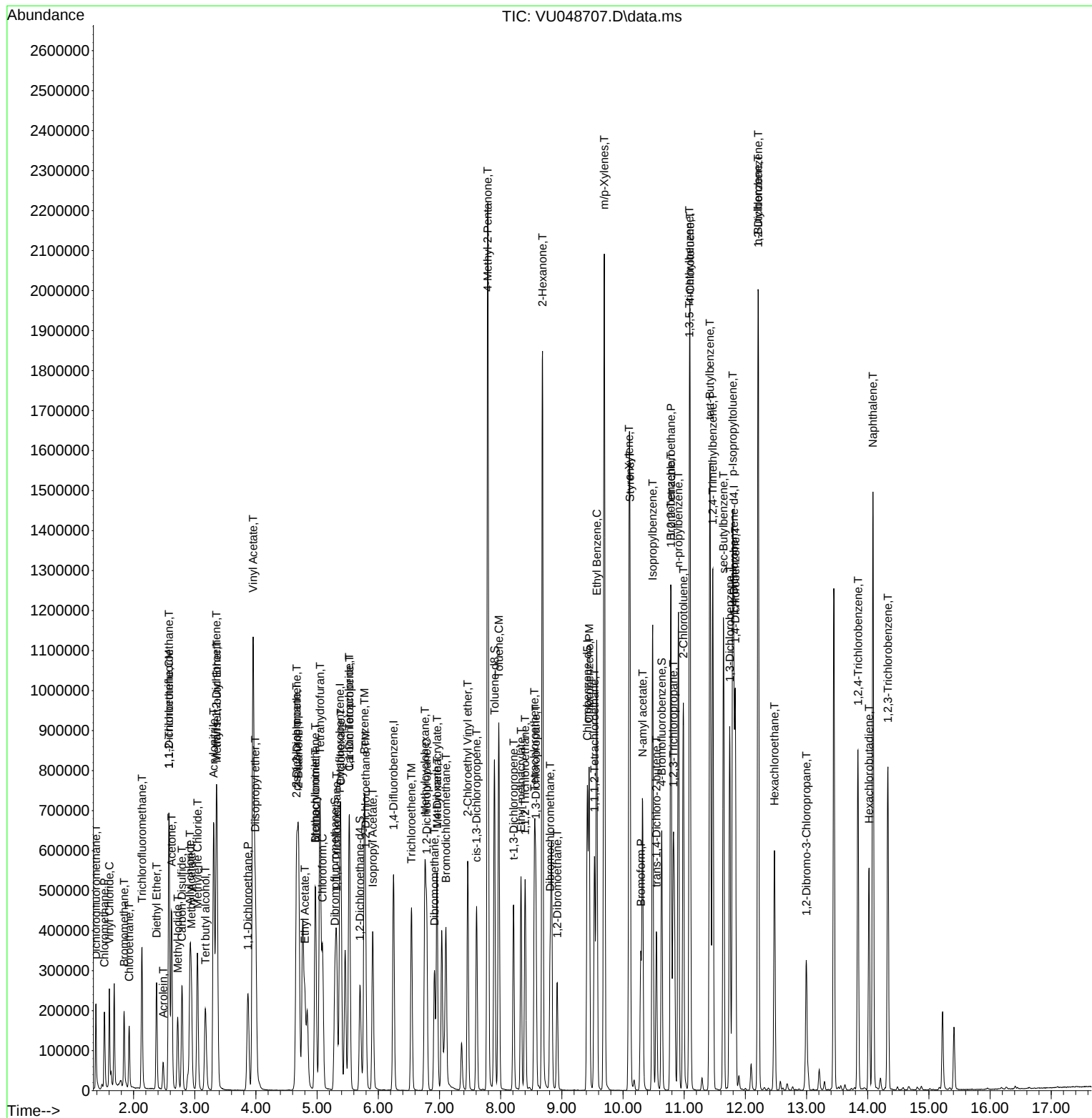
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MSVOA_U
ClientSampleId :
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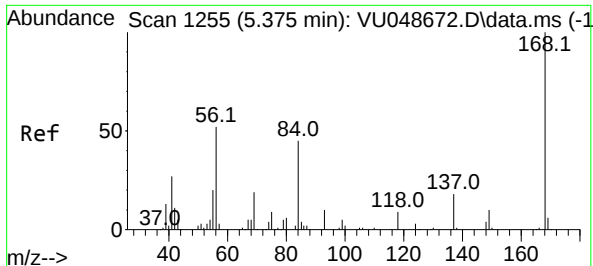
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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

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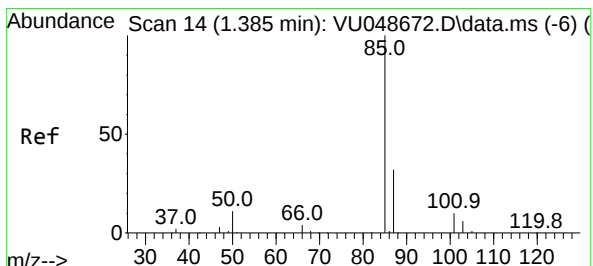
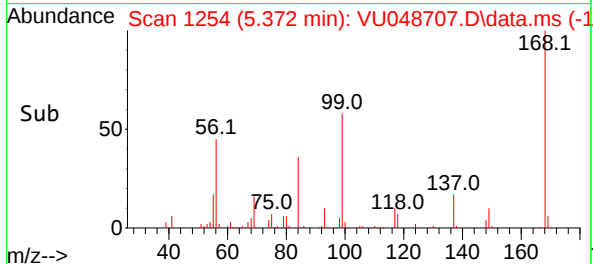
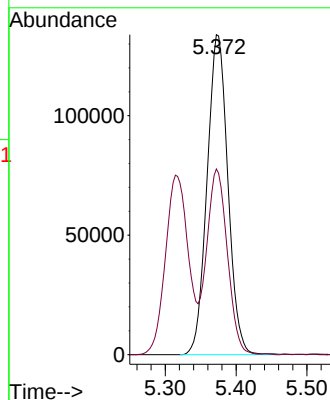
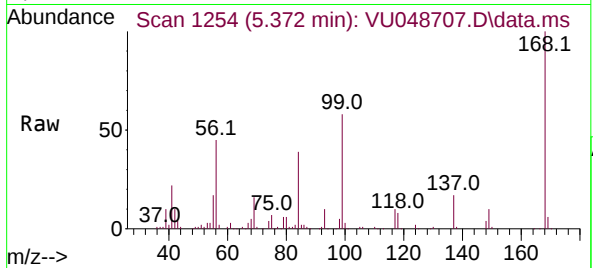




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048707.D
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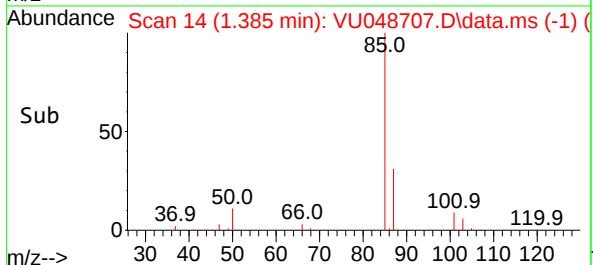
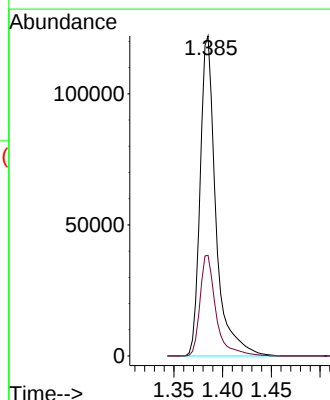
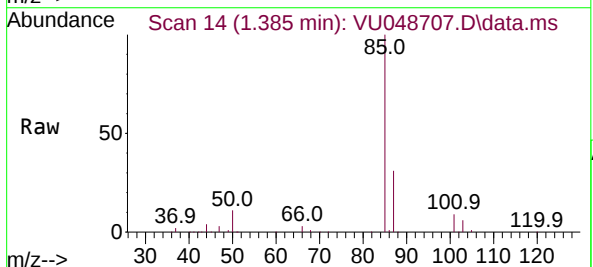
Instrument :
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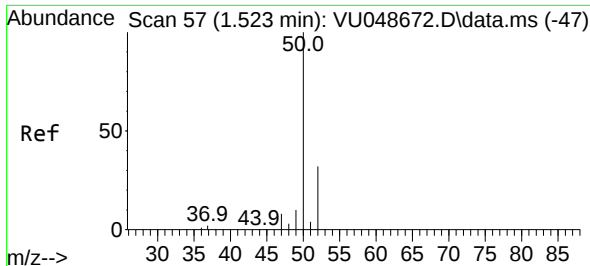
Tgt Ion:168 Resp: 273231
Ion Ratio Lower Upper
168 100
99 58.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 43.793 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 85 Resp: 136979
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

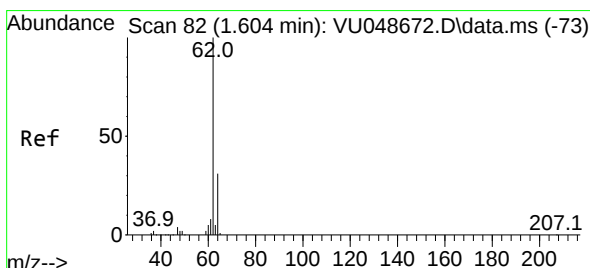
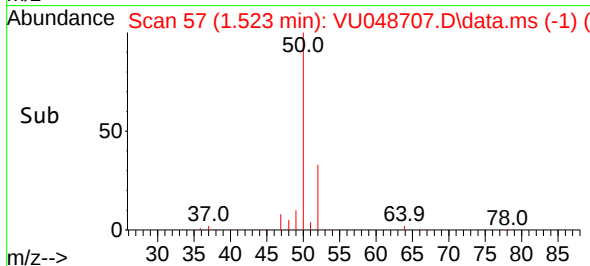
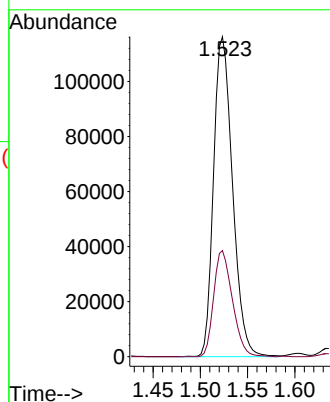
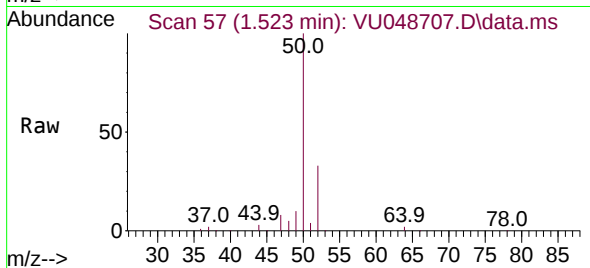




#3
Chloromethane
Concen: 40.341 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

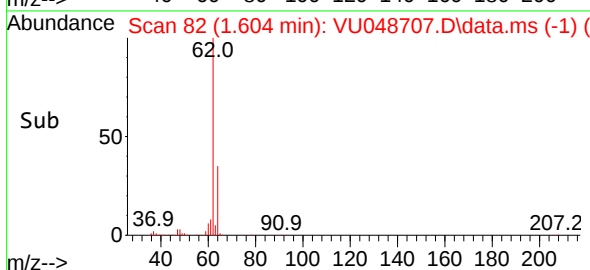
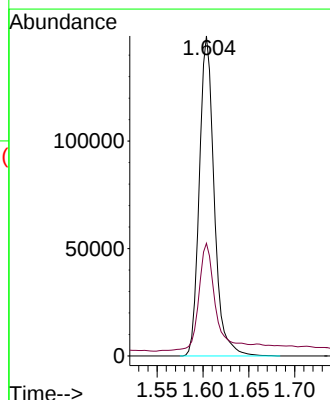
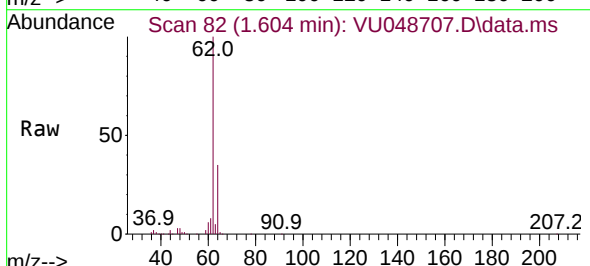
Instrument :
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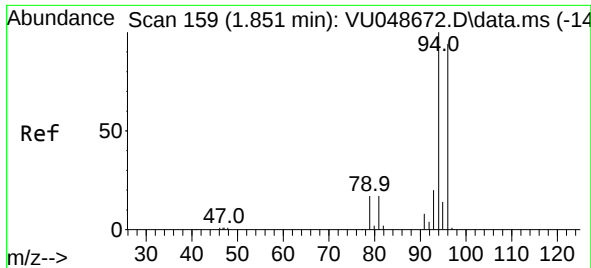
Tgt Ion: 50 Resp: 162436
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 44.905 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 62 Resp: 167468
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8

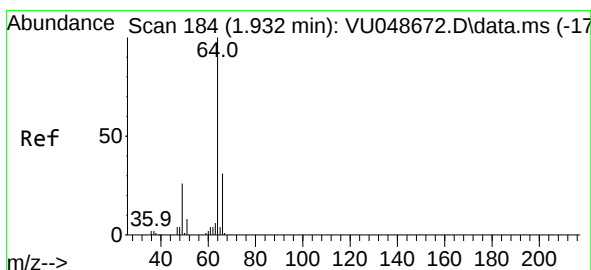
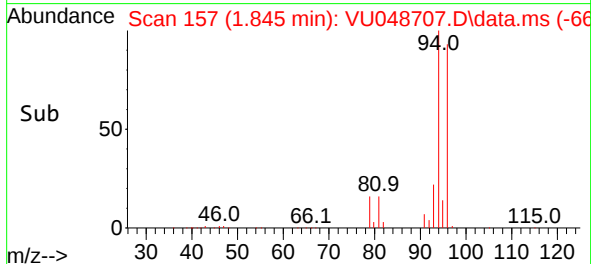
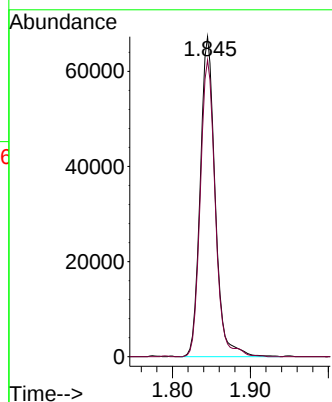
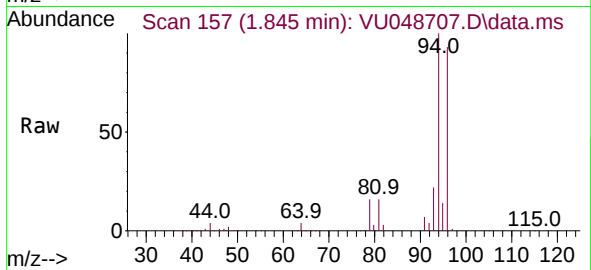




#5
Bromomethane
Concen: 42.575 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

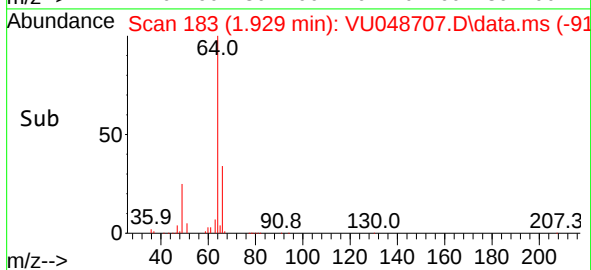
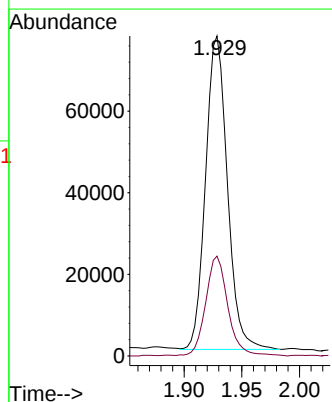
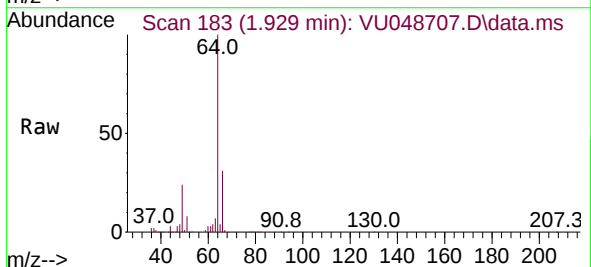
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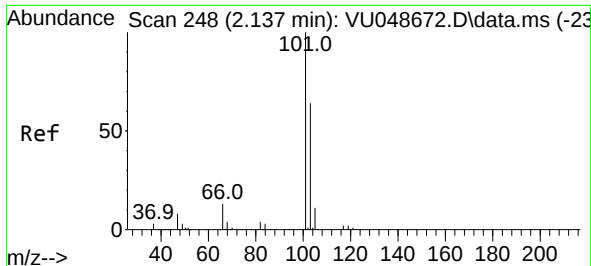
Tgt Ion: 94 Resp: 89691
Ion Ratio Lower Upper
94 100
96 92.7 75.1 112.7



#6
Chloroethane
Concen: 49.261 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 64 Resp: 100948
Ion Ratio Lower Upper
64 100
66 31.6 25.2 37.8

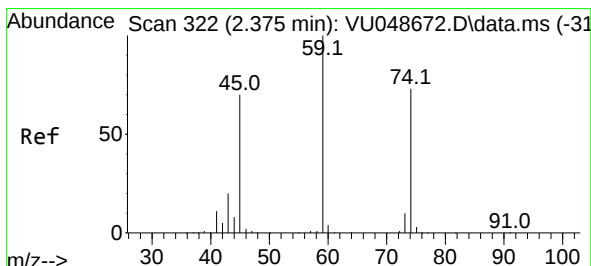
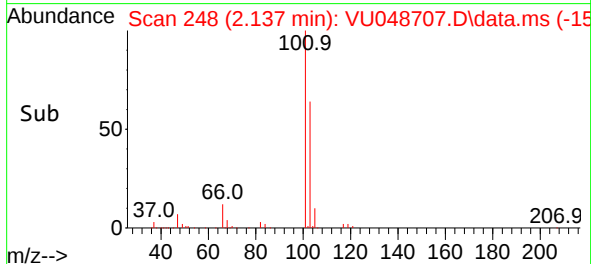
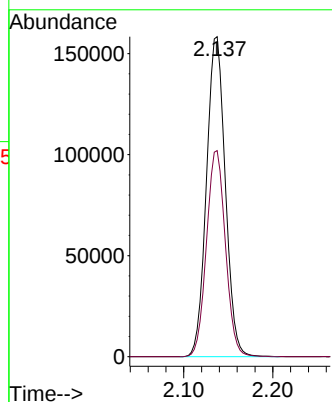
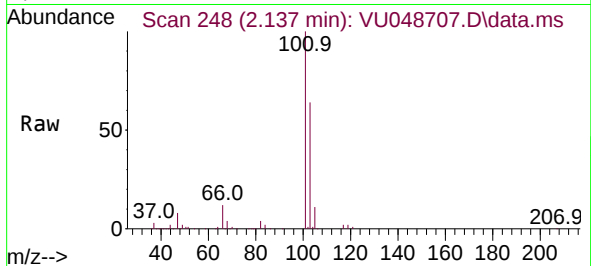




#7
 Trichlorofluoromethane
 Concen: 43.623 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

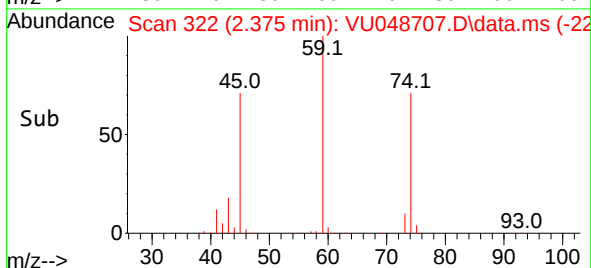
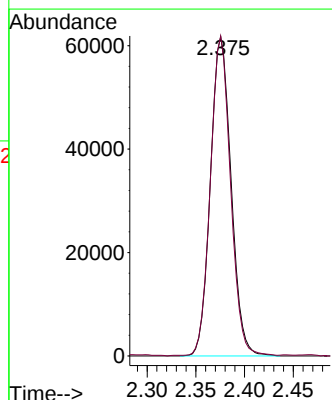
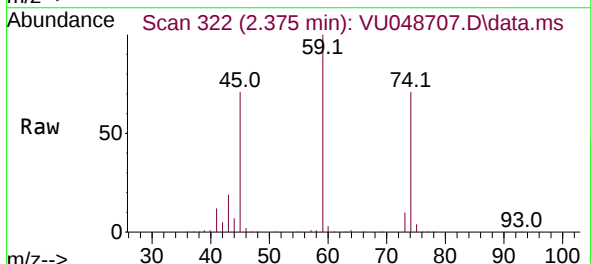
Instrument :
 MSVOA_U
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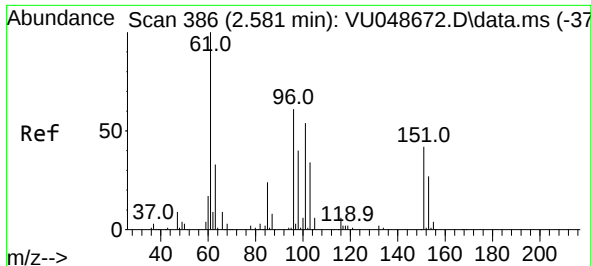
Tgt Ion:101 Resp: 232346
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.4



#8
 Diethyl Ether
 Concen: 46.396 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion: 74 Resp: 91192
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.7 143.1

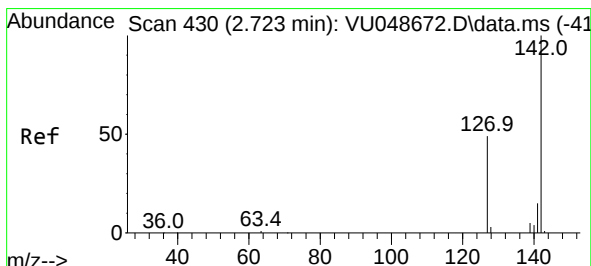
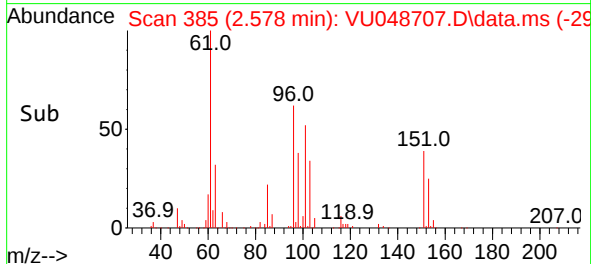
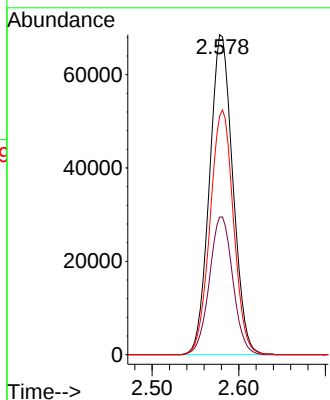
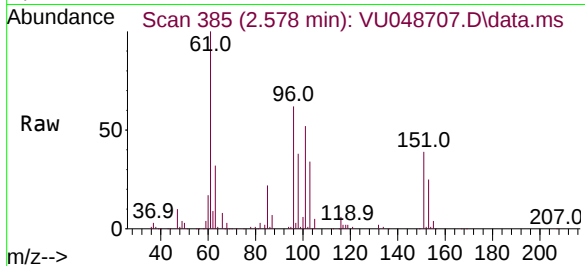




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.046 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

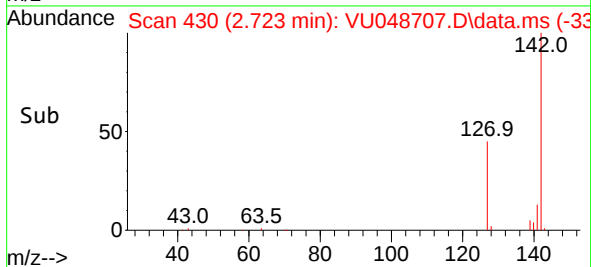
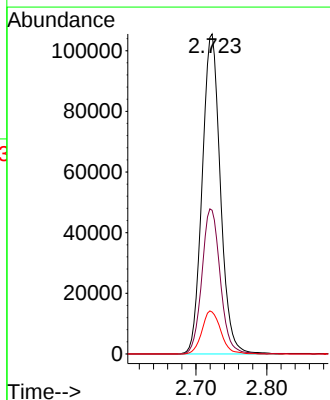
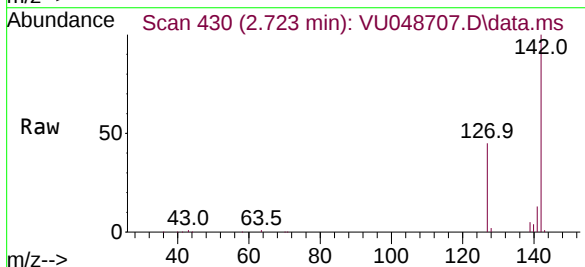
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

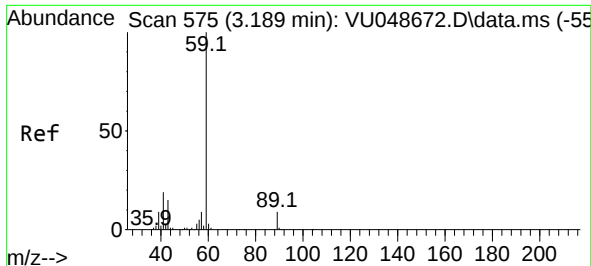
Tgt Ion:101 Resp: 128418
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 76.9 62.5 93.7



#10
Methyl Iodide
Concen: 43.695 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:142 Resp: 187486
Ion Ratio Lower Upper
142 100
127 45.8 38.4 57.6
141 13.9 11.5 17.3

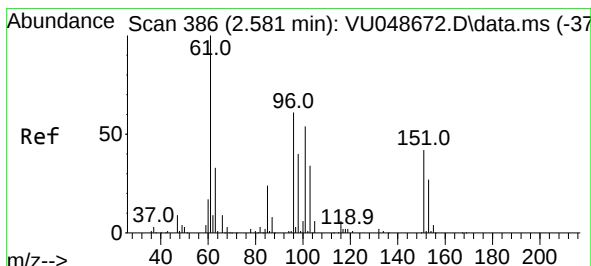
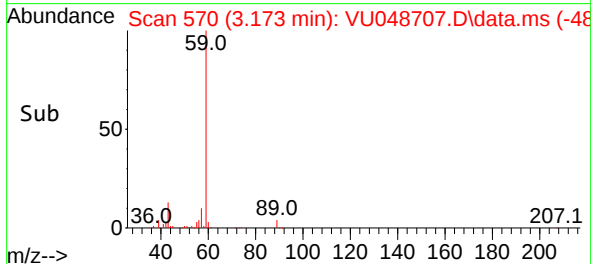
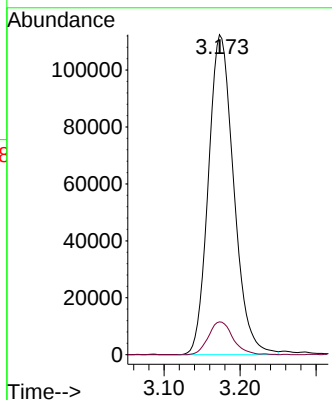
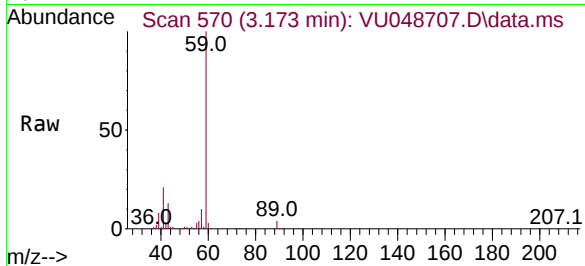




#11
Tert butyl alcohol
Concen: 250.653 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

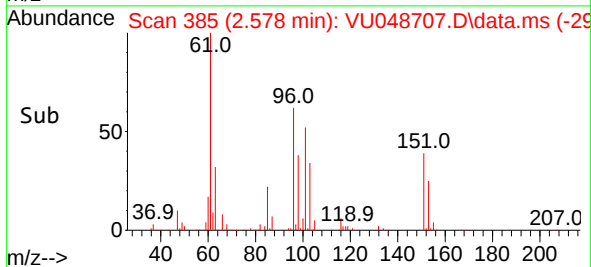
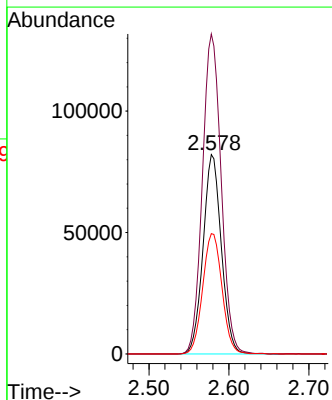
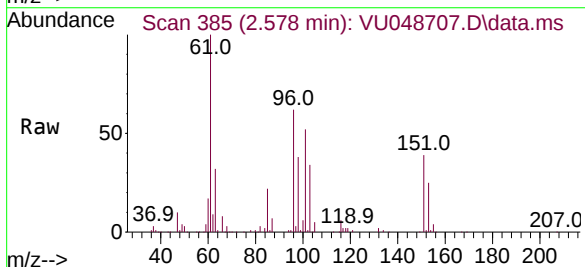
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

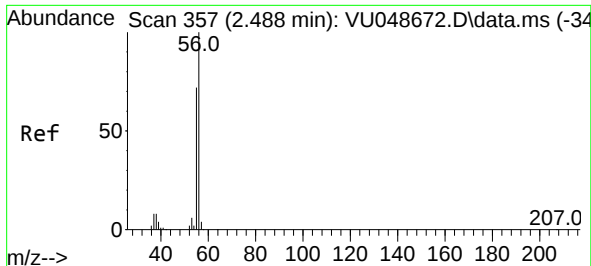
Tgt Ion: 59 Resp: 260761
Ion Ratio Lower Upper
59 100
57 9.9 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 46.976 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 96 Resp: 130636
Ion Ratio Lower Upper
96 100
61 160.5 131.1 196.7
98 60.4 51.8 77.8





#13

Acrolein

Concen: 148.718 ug/l

RT: 2.485 min Scan# 357

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

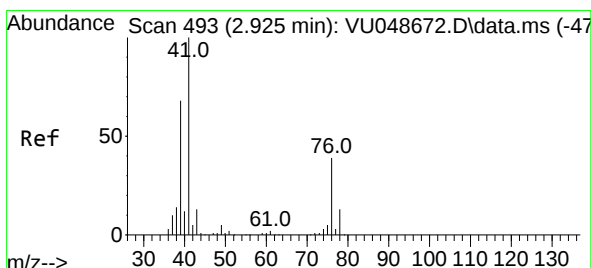
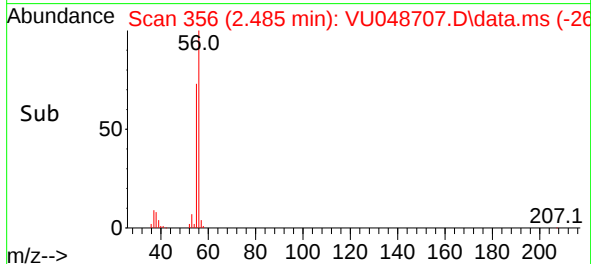
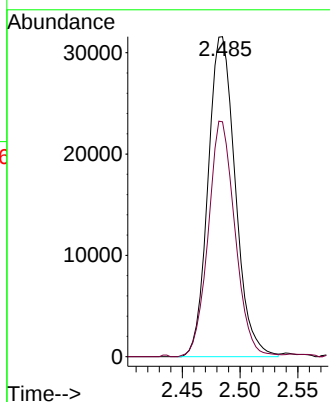
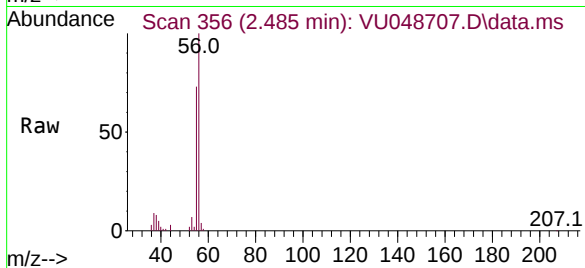
VSTDCCC050EC

Tgt Ion: 56 Resp: 51864

Ion Ratio Lower Upper

56 100

55 72.3 57.7 86.5



#14

Allyl chloride

Concen: 45.921 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

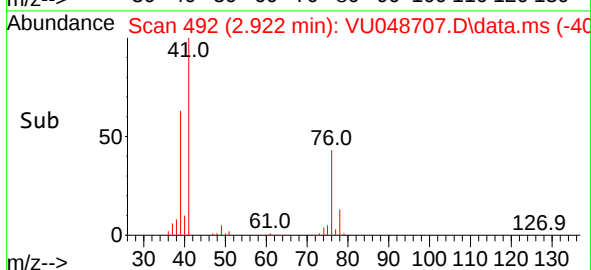
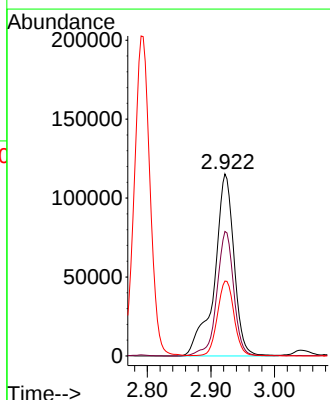
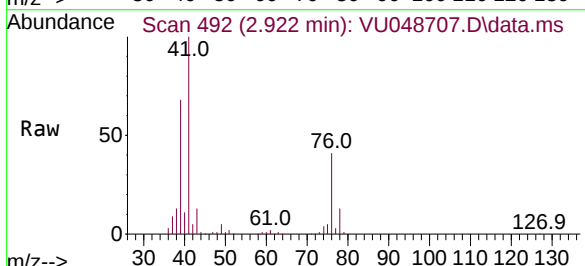
Tgt Ion: 41 Resp: 247343

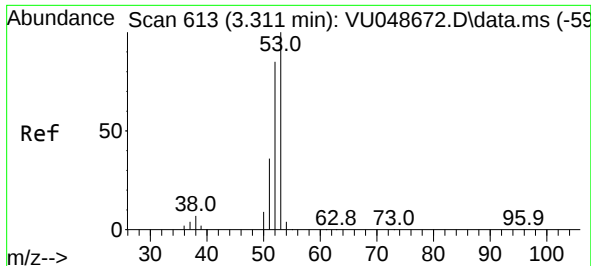
Ion Ratio Lower Upper

41 100

39 58.8 48.6 72.8

76 34.6 27.0 40.4

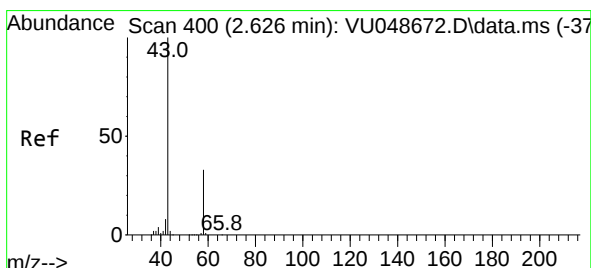
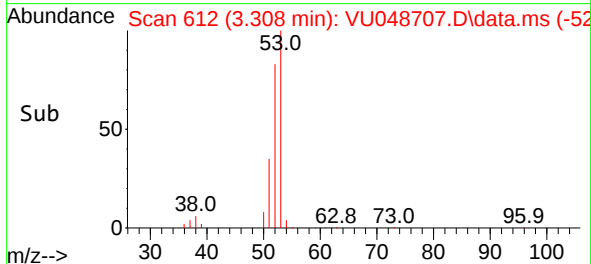
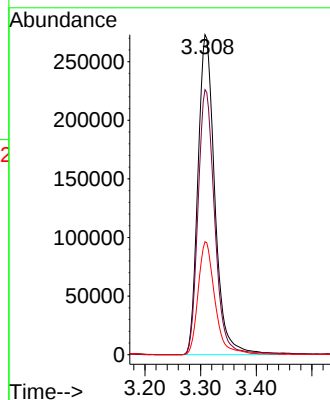
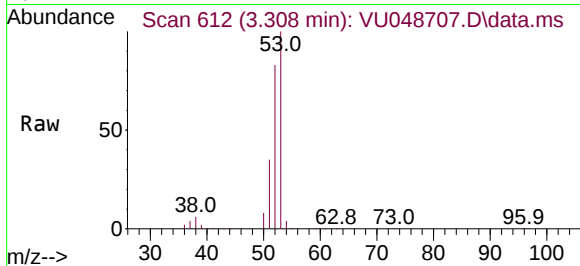




#15
Acrylonitrile
Concen: 254.856 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

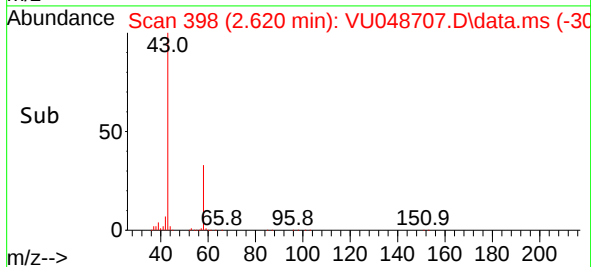
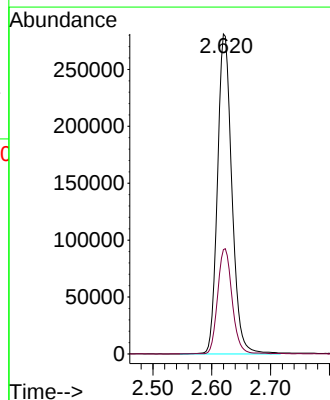
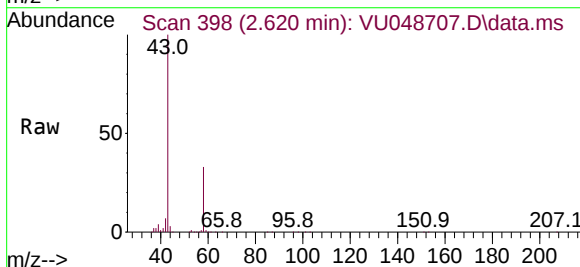
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

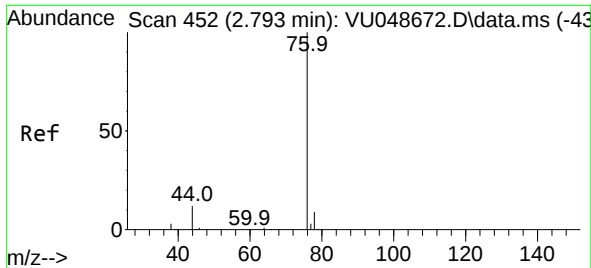
Tgt Ion:	53	Resp:	575028
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	35.4	28.6	42.8



#16
Acetone
Concen: 228.503 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:	43	Resp:	477845
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.3	39.5





#17

Carbon Disulfide

Concen: 42.529 ug/l

RT: 2.790 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

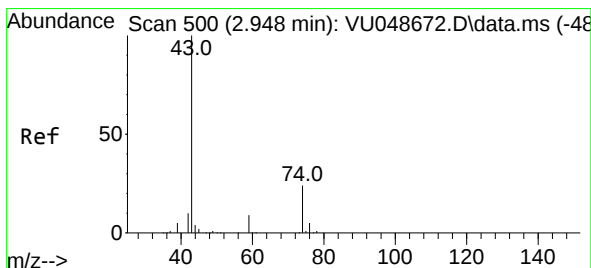
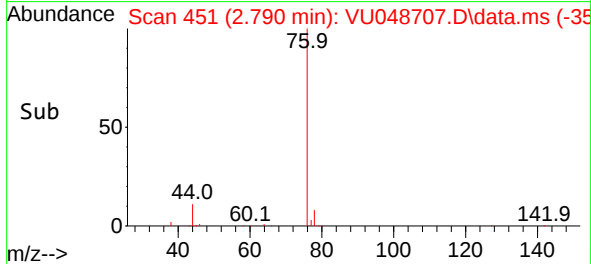
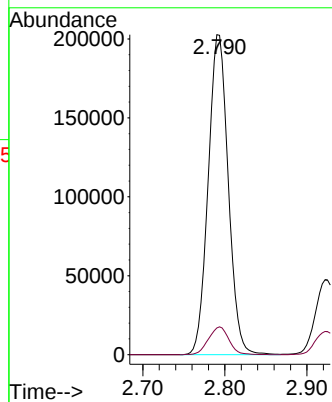
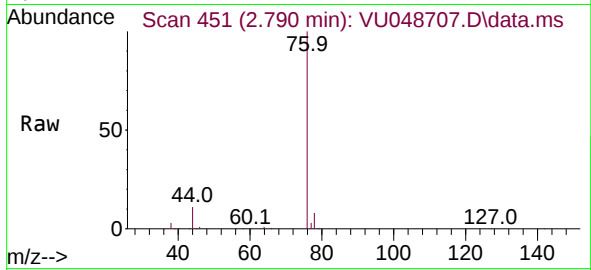
VSTDCCC050EC

Tgt Ion: 76 Resp: 345262

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



#18

Methyl Acetate

Concen: 52.558 ug/l

RT: 2.945 min Scan# 499

Delta R.T. -0.003 min

Lab File: VU048707.D

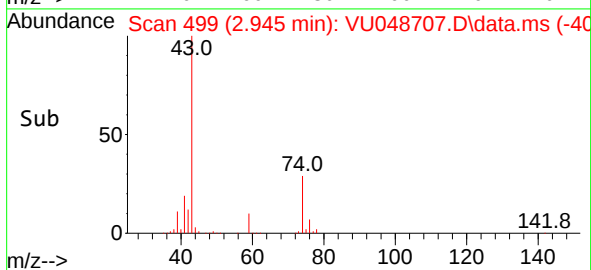
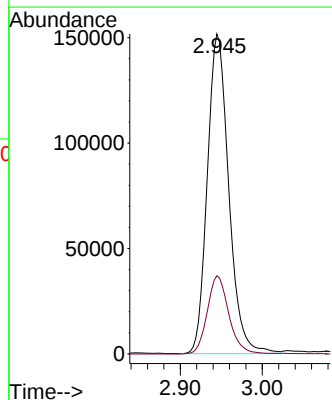
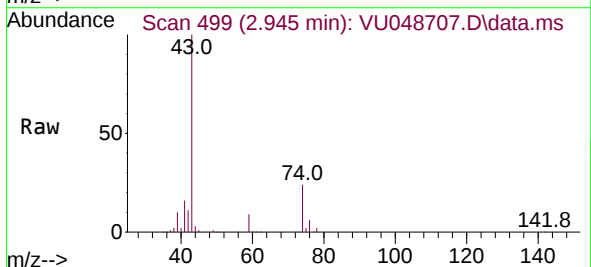
Acq: 27 May 2022 20:33

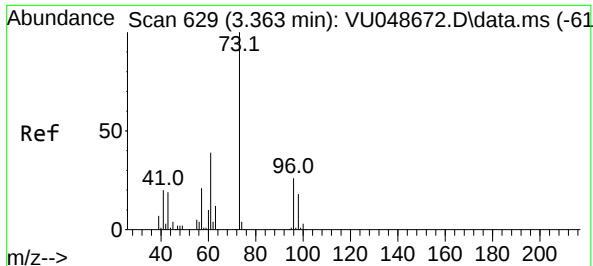
Tgt Ion: 43 Resp: 275956

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 49.060 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

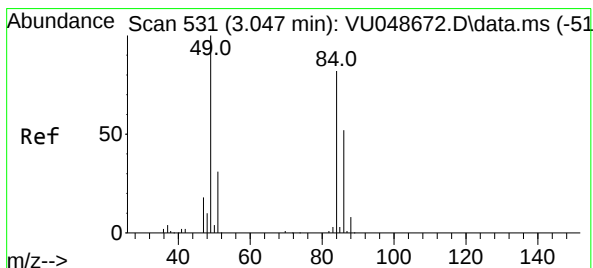
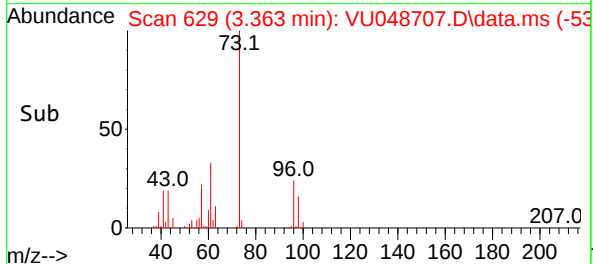
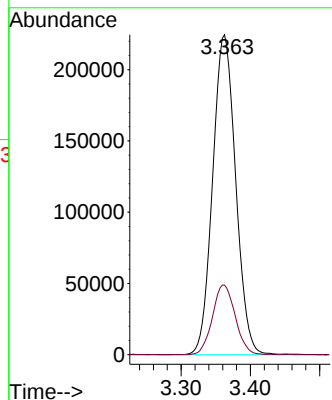
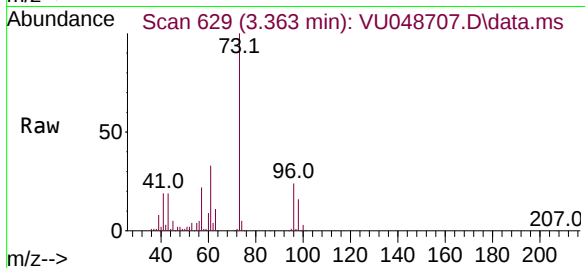
VSTDCCC050EC

Tgt Ion: 73 Resp: 517673

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 45.149 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Tgt Ion: 84 Resp: 160554

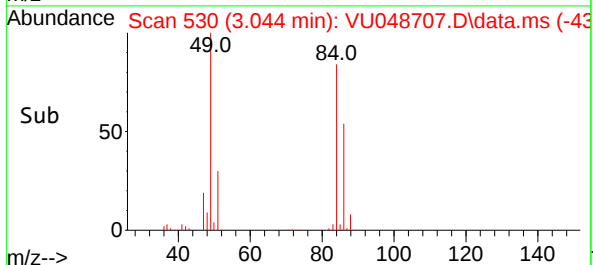
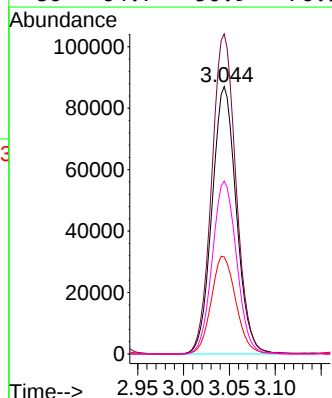
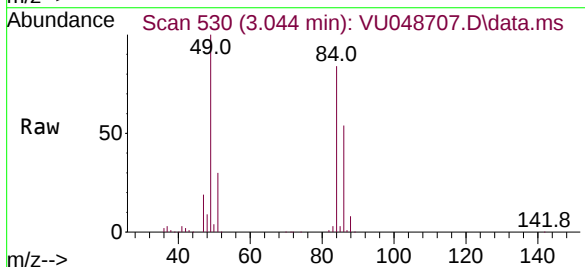
Ion Ratio Lower Upper

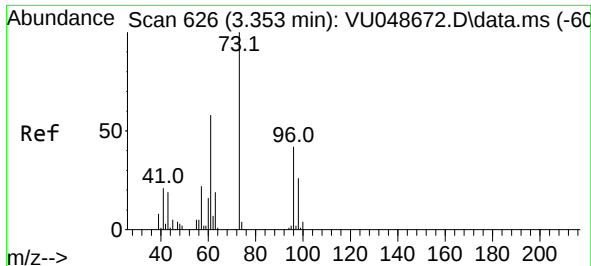
84 100

49 119.7 97.0 145.4

51 36.3 29.8 44.8

86 64.7 50.9 76.3

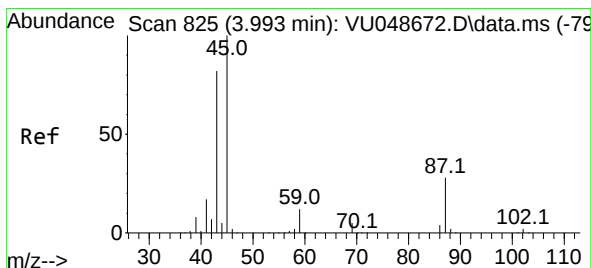
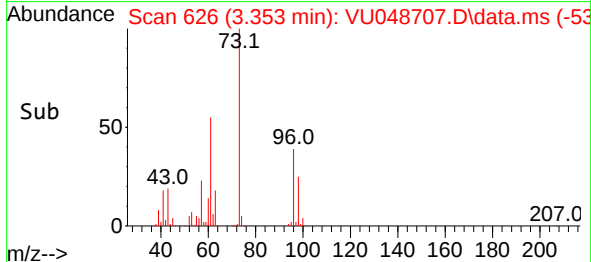
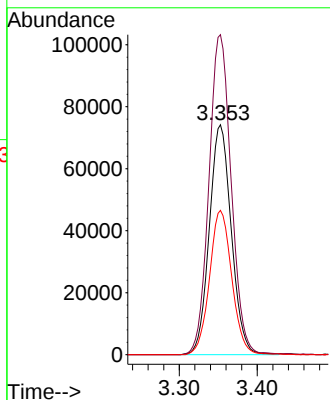
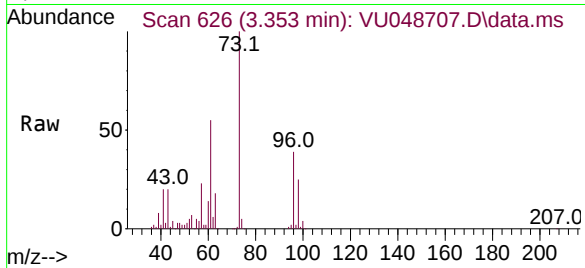




#21
trans-1,2-Dichloroethene
Concen: 45.856 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

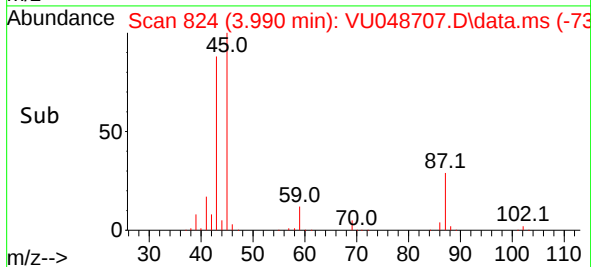
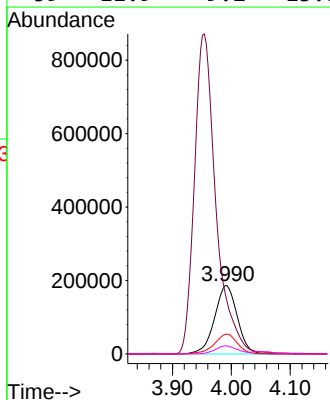
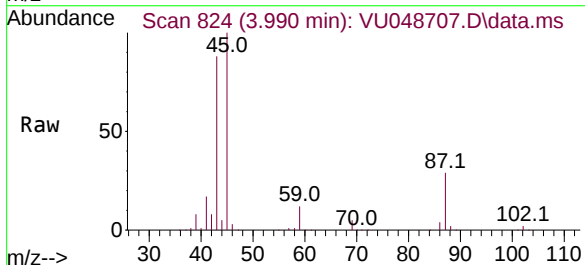
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

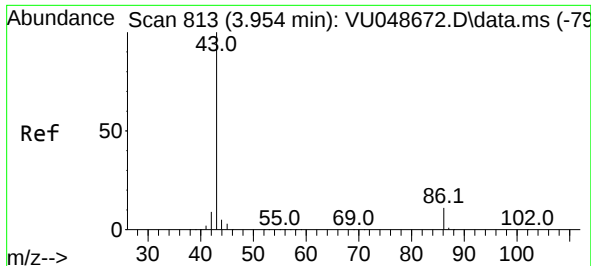
Tgt Ion: 96 Resp: 145872
Ion Ratio Lower Upper
96 100
61 139.2 109.4 164.2
98 62.8 48.9 73.3



#22
Diisopropyl ether
Concen: 50.171 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 45 Resp: 498473
Ion Ratio Lower Upper
45 100
43 87.1 65.2 97.8
87 28.7 22.7 34.1
59 11.9 9.2 13.8

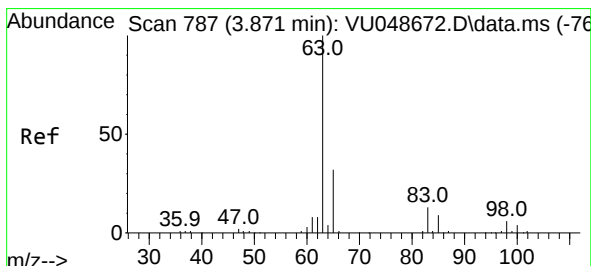
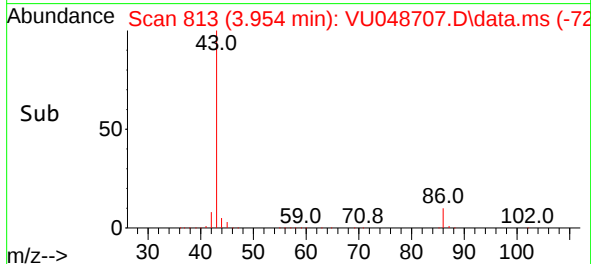
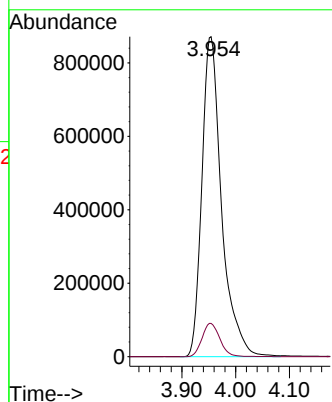
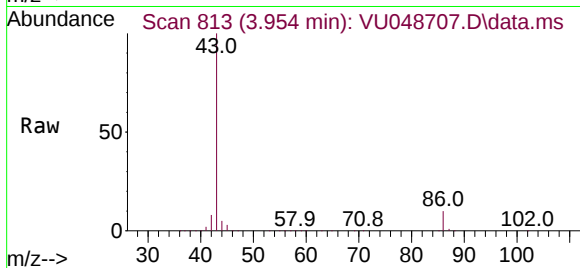




#23
 Vinyl Acetate
 Concen: 257.492 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

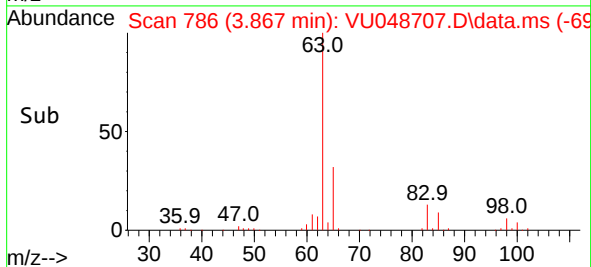
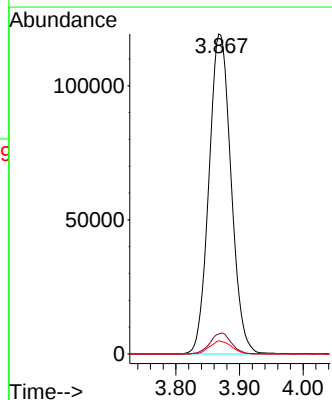
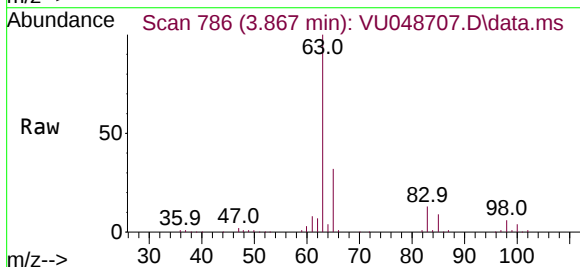
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

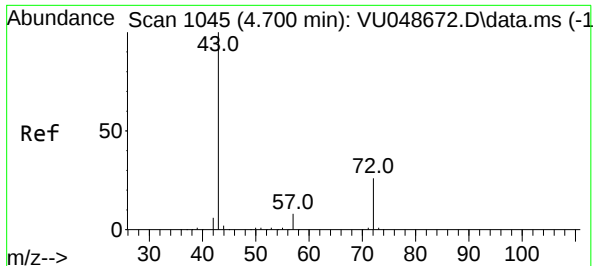
Tgt Ion: 43 Resp: 2216565
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.123 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion: 63 Resp: 287808
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 260.640 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

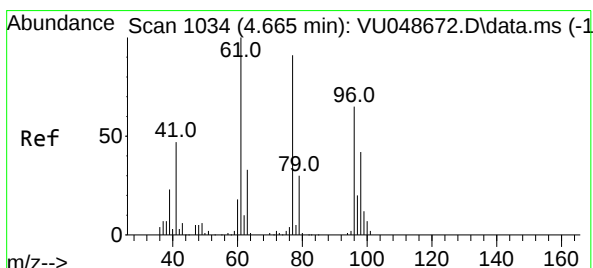
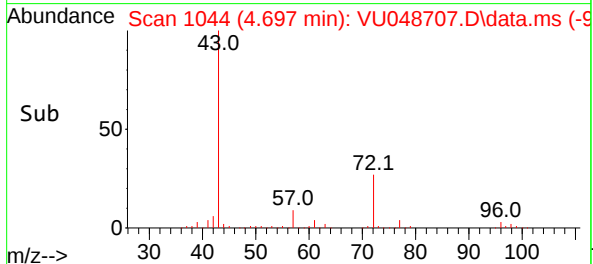
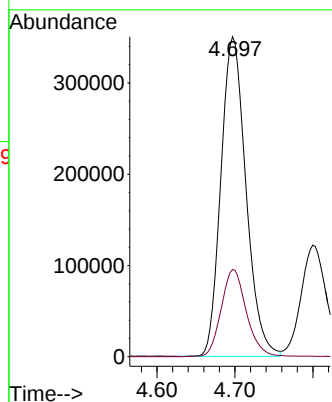
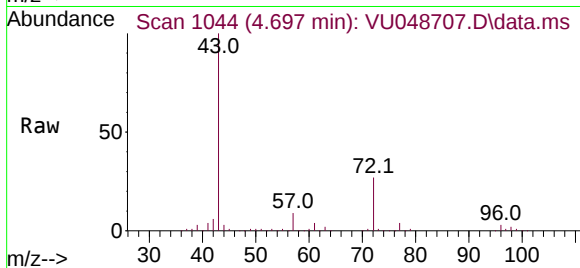
VSTDCCC050EC

Tgt Ion: 43 Resp: 783016

Ion Ratio Lower Upper

43 100

72 27.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 38.494 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048707.D

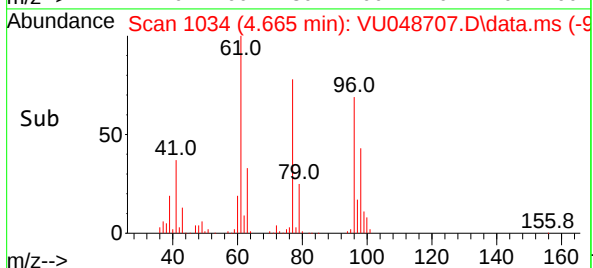
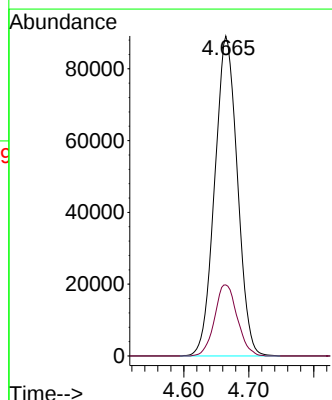
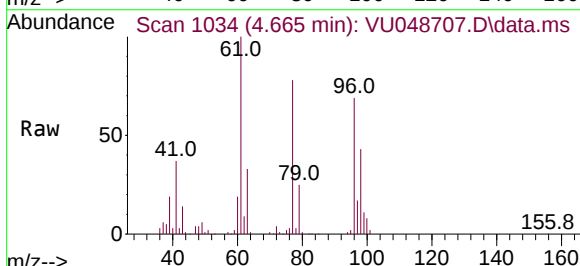
Acq: 27 May 2022 20:33

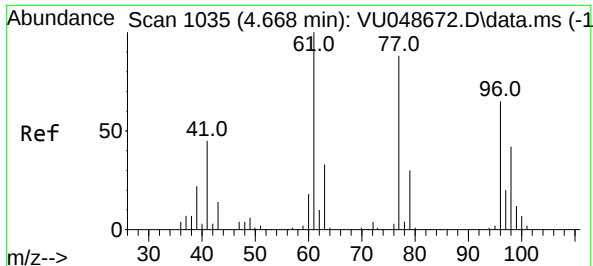
Tgt Ion: 77 Resp: 215499

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1



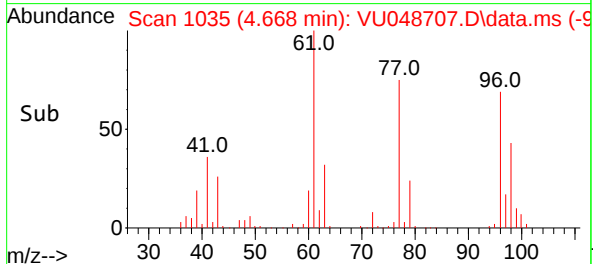
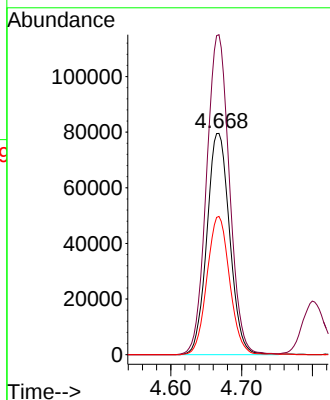
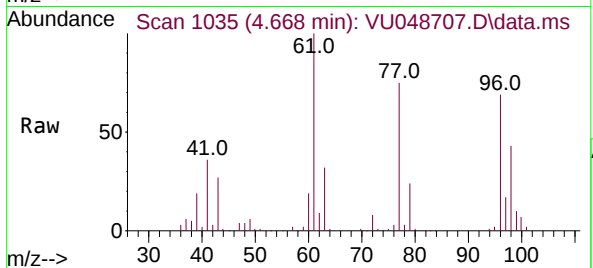


#27
 cis-1,2-Dichloroethene
 Concen: 48.172 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 177370

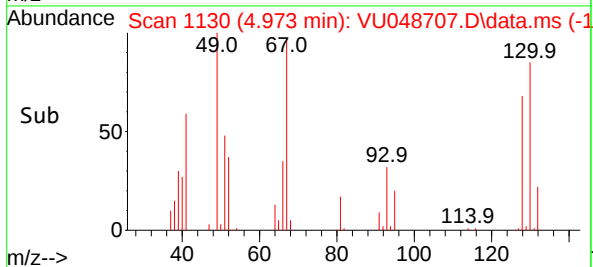
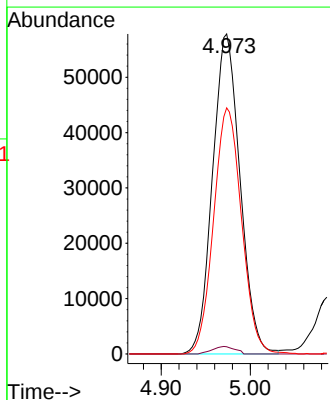
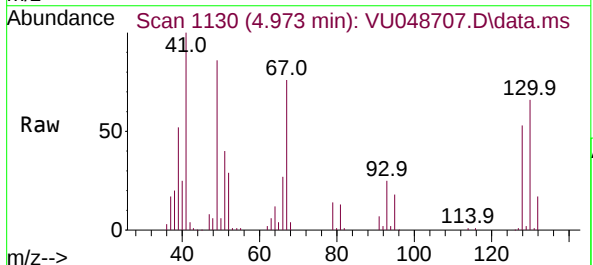
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	306.2
98	62.2	0.0	130.4

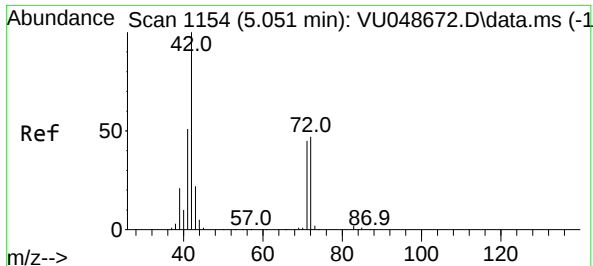


#28
 Bromochloromethane
 Concen: 50.755 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion: 49 Resp: 124226

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	78.0	62.1	93.1





#29

Tetrahydrofuran

Concen: 262.811 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

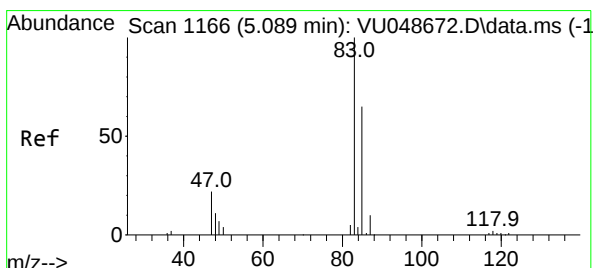
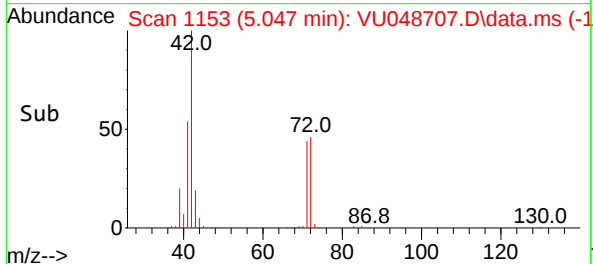
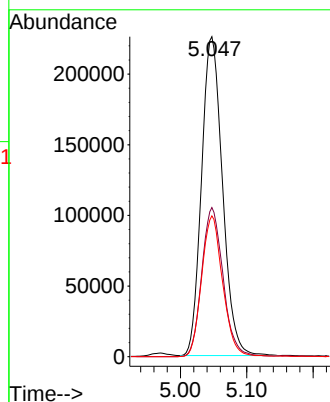
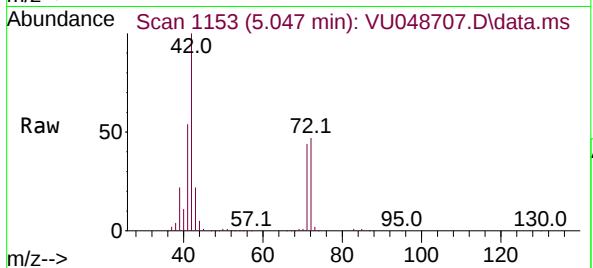
Tgt Ion: 42 Resp: 497324

Ion Ratio Lower Upper

42 100

72 47.6 37.6 56.4

71 44.4 35.0 52.4



#30

Chloroform

Concen: 46.881 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048707.D

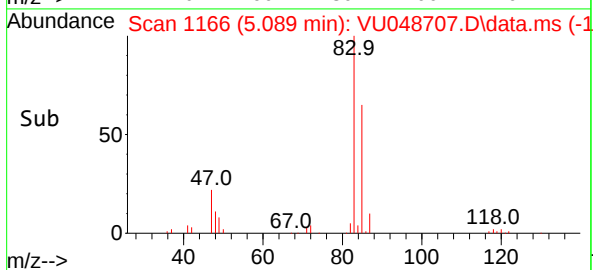
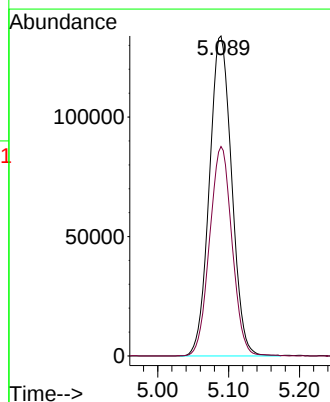
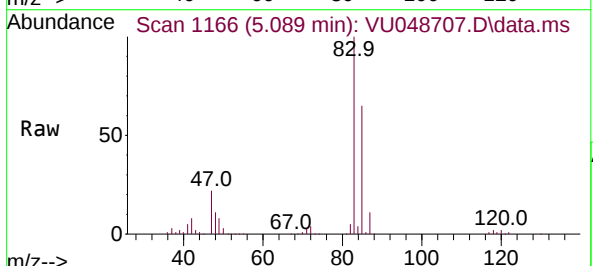
Acq: 27 May 2022 20:33

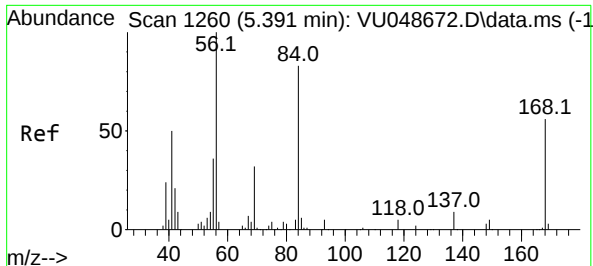
Tgt Ion: 83 Resp: 292712

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2





#31

Cyclohexane

Concen: 46.968 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

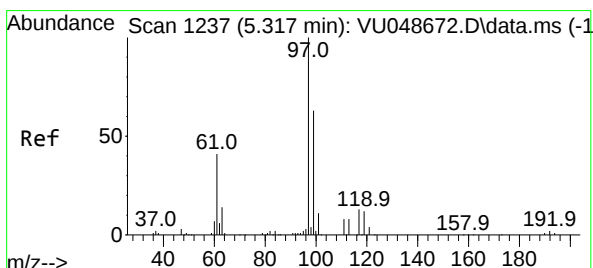
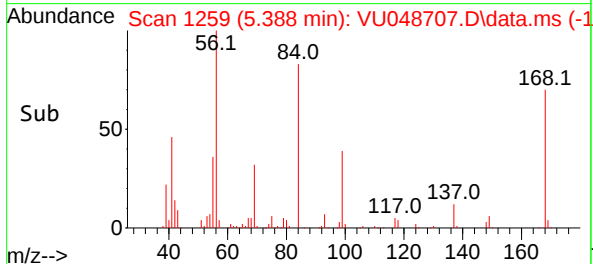
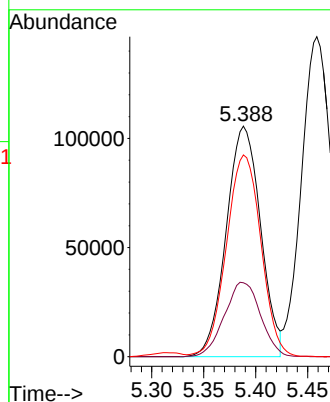
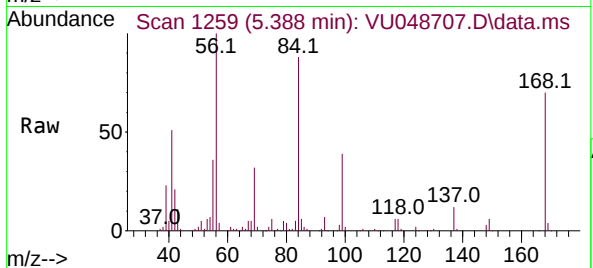
Tgt Ion: 56 Resp: 242881

Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 86.2 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 46.274 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

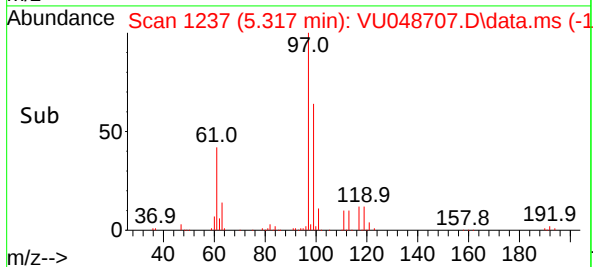
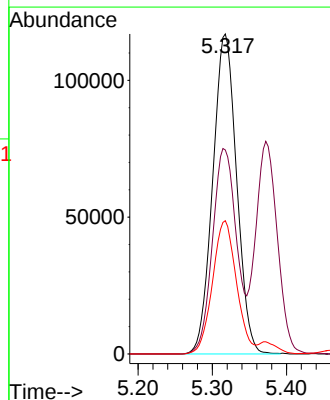
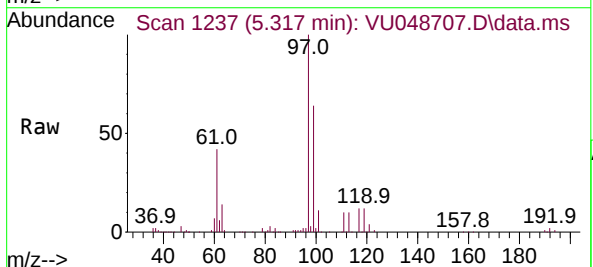
Tgt Ion: 97 Resp: 262119

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 41.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.017 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

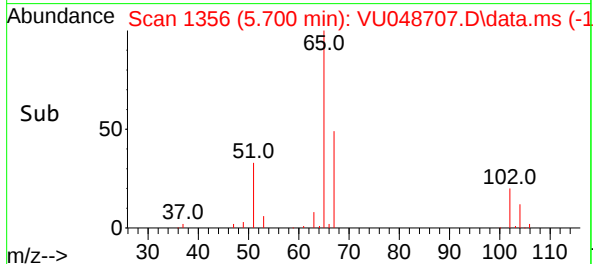
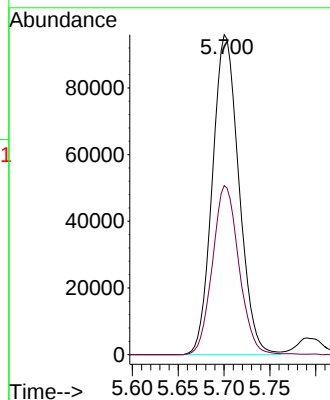
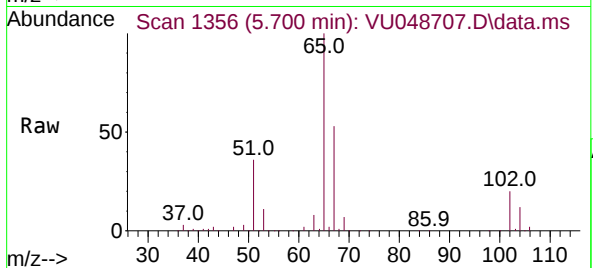
VSTDCCC050EC

Tgt Ion: 65 Resp: 192930

Ion Ratio Lower Upper

65 100

67 52.8 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: VU048707.D

Acq: 27 May 2022 20:33

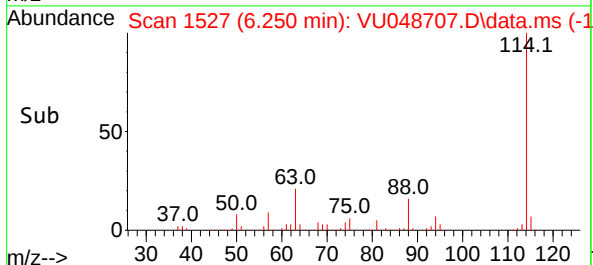
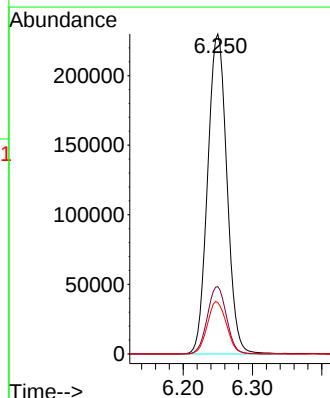
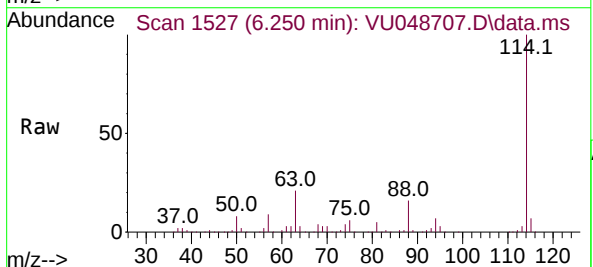
Tgt Ion: 114 Resp: 443063

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.0 0.0 32.2

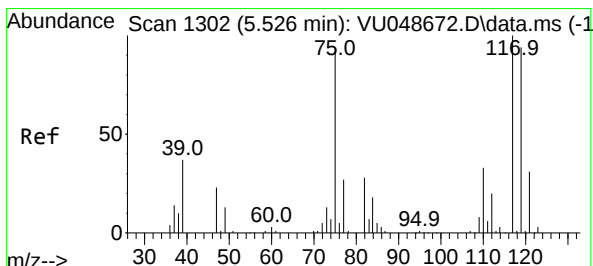
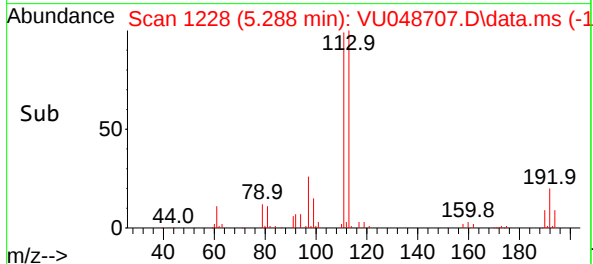
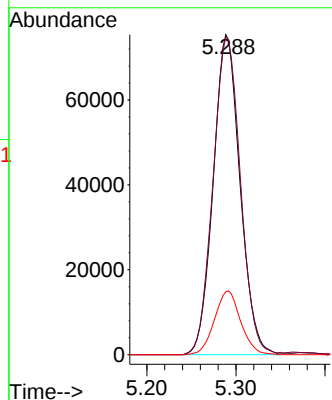
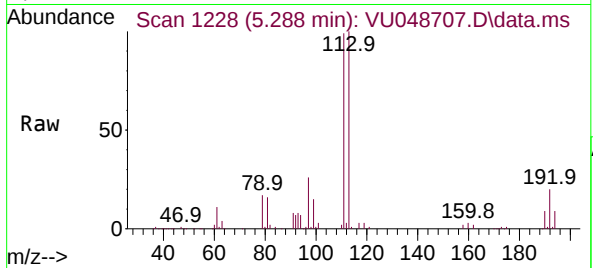




#35
Dibromofluoromethane
Concen: 49.829 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

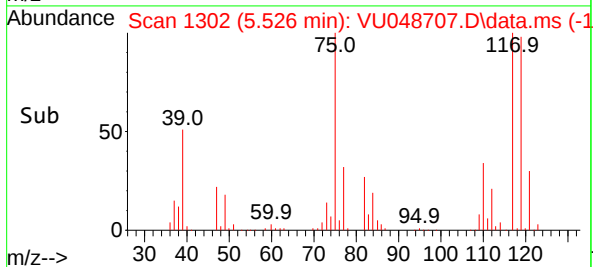
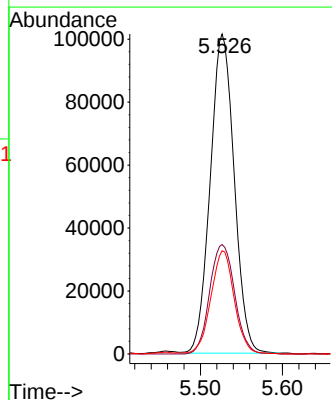
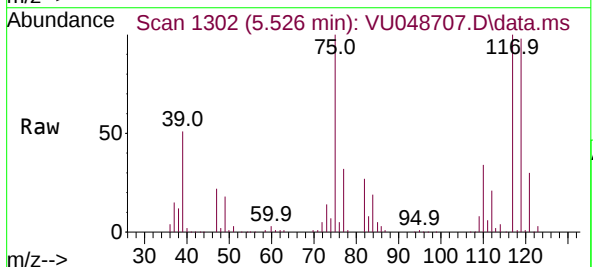
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

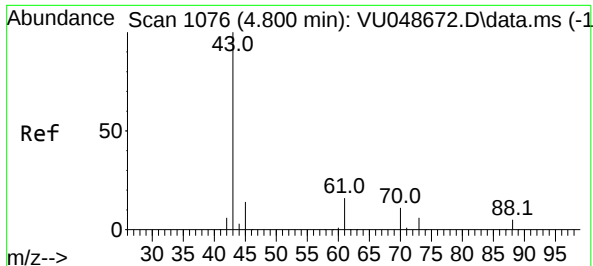
Tgt Ion:113 Resp: 157504
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.528 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 75 Resp: 205423
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.3
77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 47.824 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

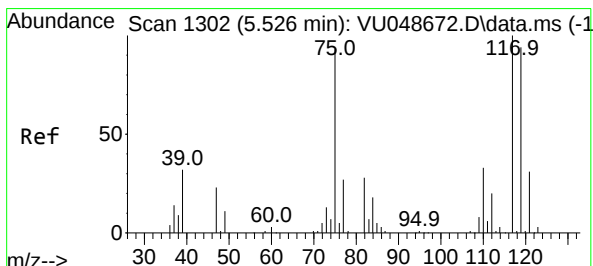
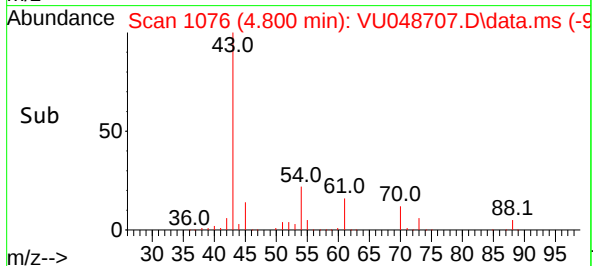
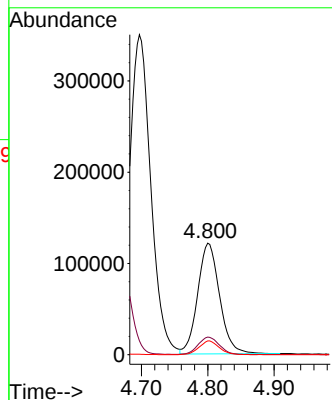
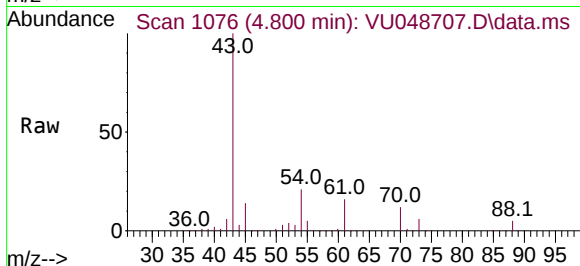
Tgt Ion: 43 Resp: 278914

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

70 11.3 8.4 12.6



#38

Carbon Tetrachloride

Concen: 42.843 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

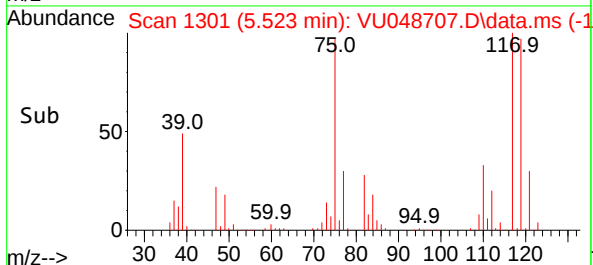
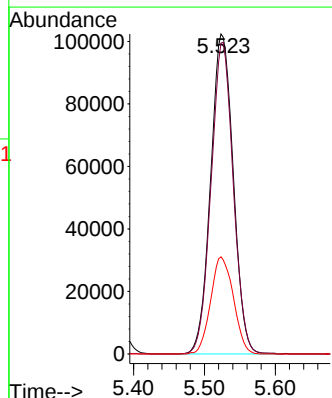
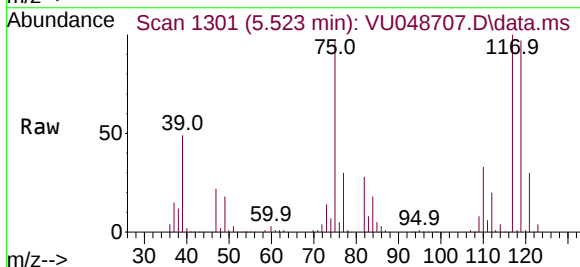
Tgt Ion: 117 Resp: 226751

Ion Ratio Lower Upper

117 100

119 97.1 75.4 113.2

121 30.4 24.6 36.8





#39

Methylcyclohexane

Concen: 46.965 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

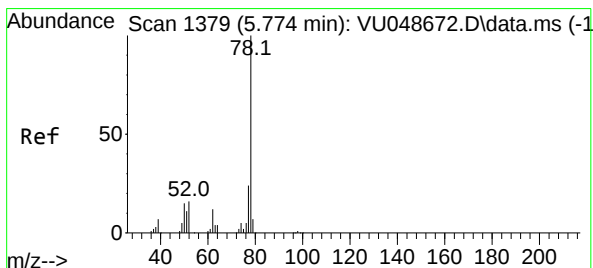
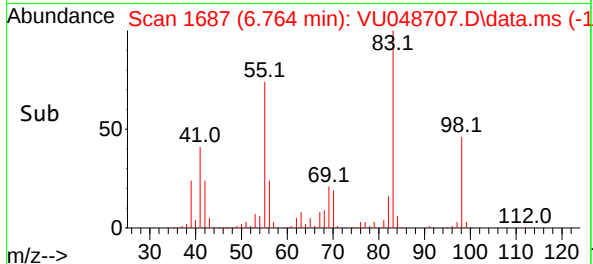
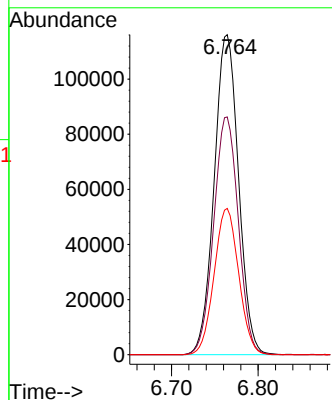
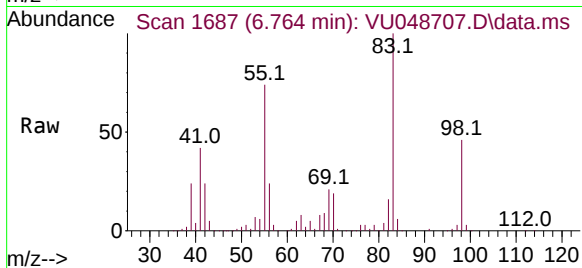
Tgt Ion: 83 Resp: 227177

Ion Ratio Lower Upper

83 100

55 74.3 61.0 91.6

98 45.7 36.8 55.2



#40

Benzene

Concen: 45.228 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048707.D

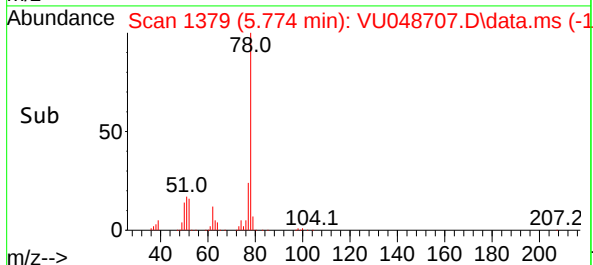
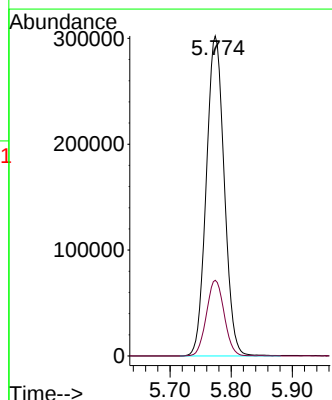
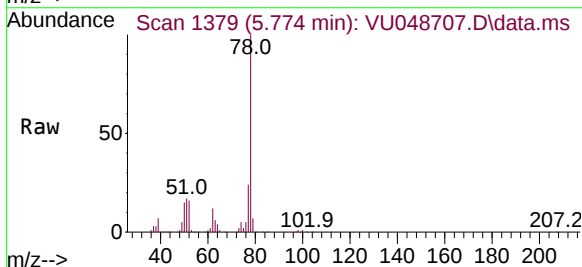
Acq: 27 May 2022 20:33

Tgt Ion: 78 Resp: 615995

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

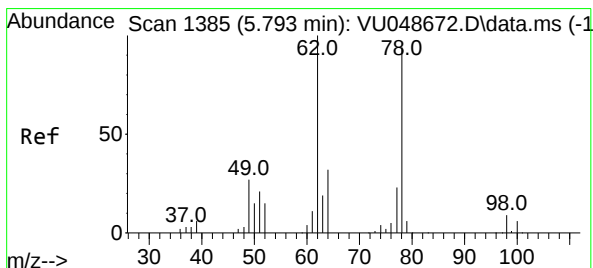
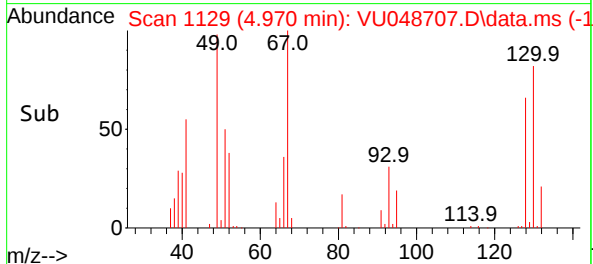
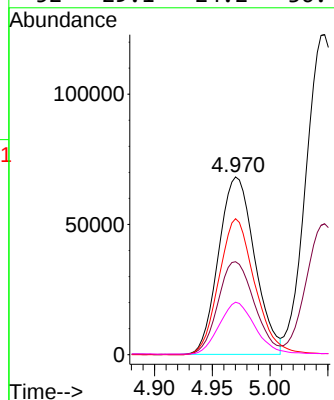
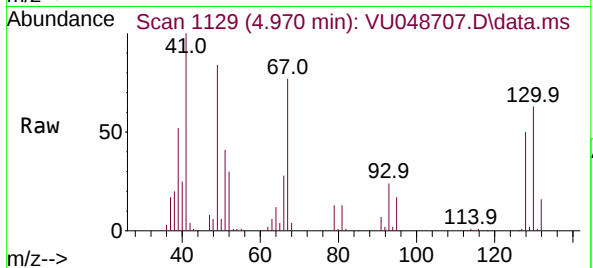




#41
Methacrylonitrile
Concen: 50.319 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

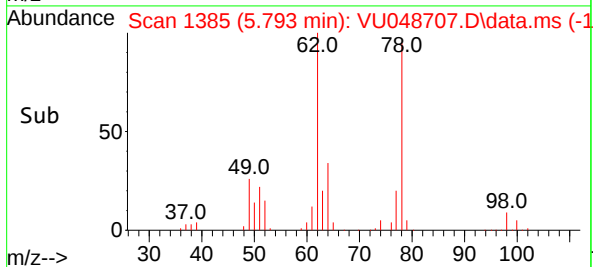
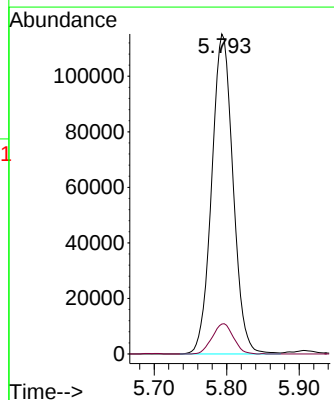
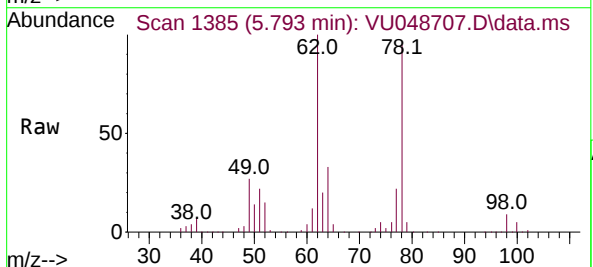
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

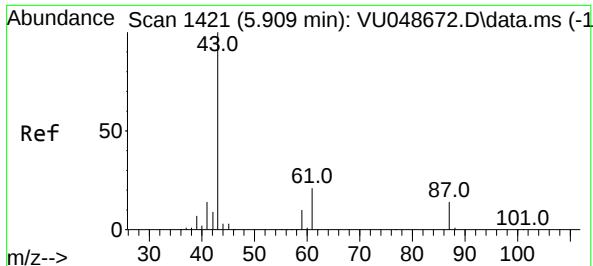
Tgt Ion: 41 Resp: 148296
Ion Ratio Lower Upper
41 100
39 52.9 42.6 64.0
67 77.0 61.0 91.4
52 29.1 24.2 36.4



#42
1,2-Dichloroethane
Concen: 44.157 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 62 Resp: 235425
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.0





#43

Isopropyl Acetate

Concen: 49.629 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

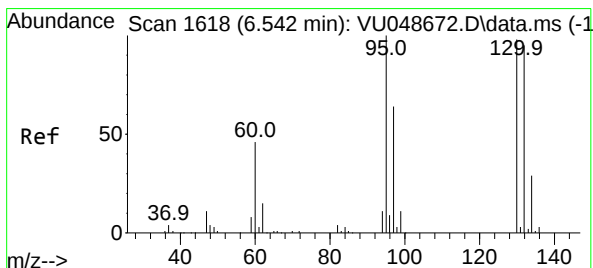
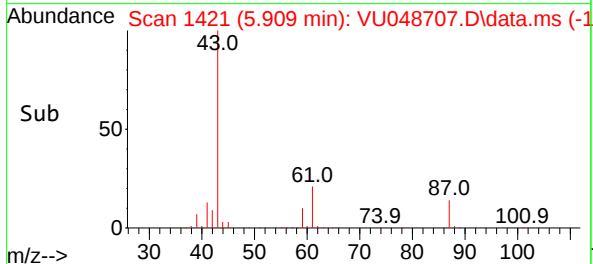
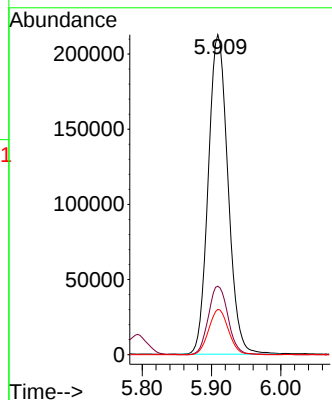
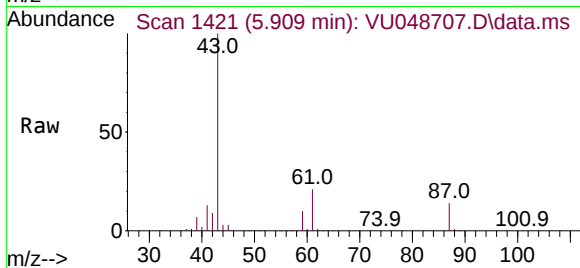
Tgt Ion: 43 Resp: 420096

Ion Ratio Lower Upper

43 100

61 21.5 16.7 25.1

87 14.2 10.9 16.3



#44

Trichloroethene

Concen: 44.766 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048707.D

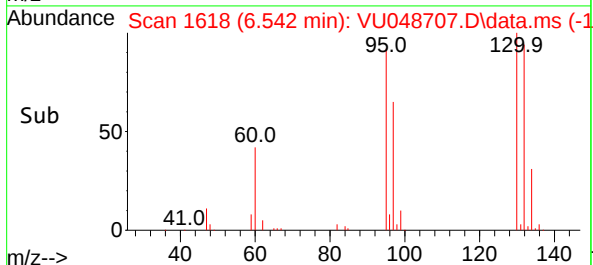
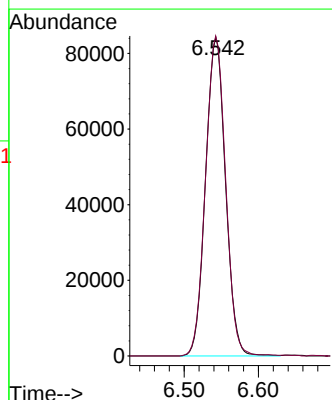
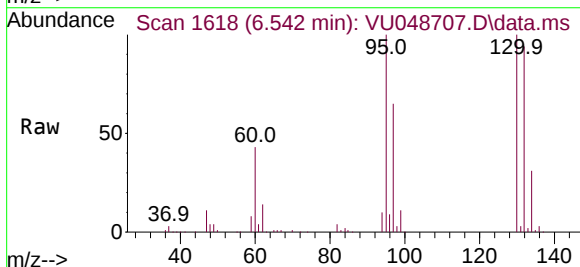
Acq: 27 May 2022 20:33

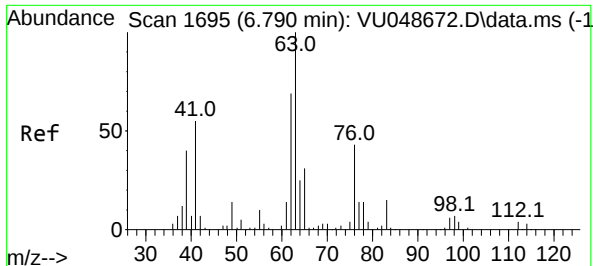
Tgt Ion:130 Resp: 157079

Ion Ratio Lower Upper

130 100

95 100.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 48.739 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

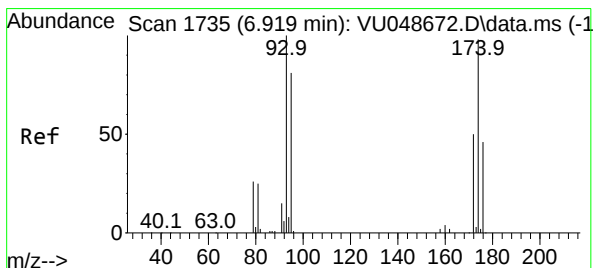
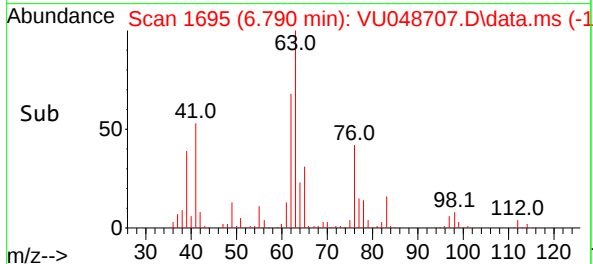
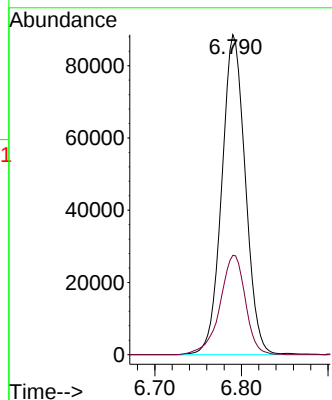
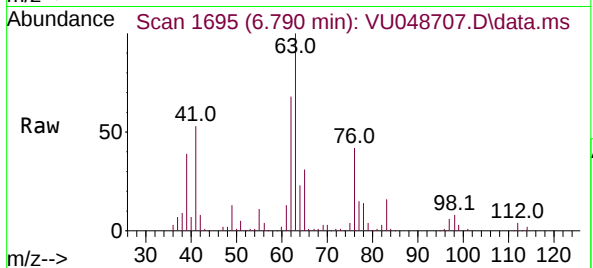
VSTDCCC050EC

Tgt Ion: 63 Resp: 167118

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#46

Dibromomethane

Concen: 45.200 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

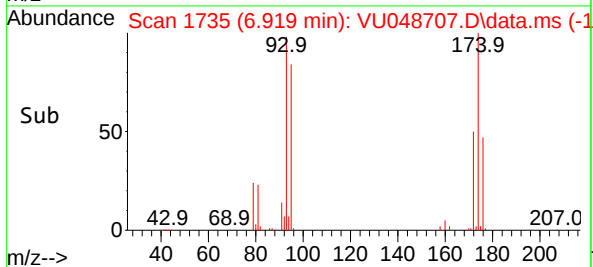
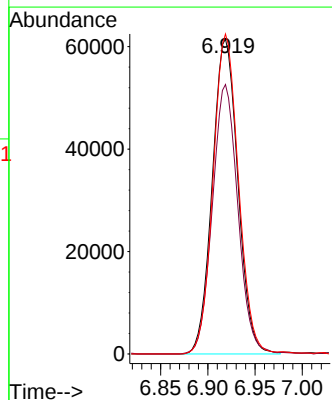
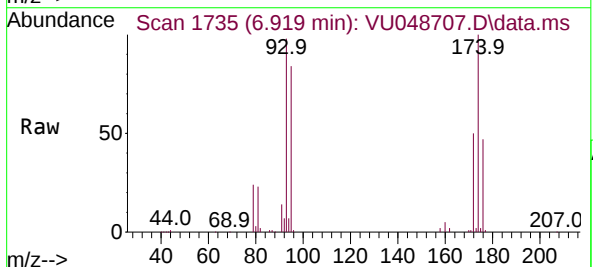
Tgt Ion: 93 Resp: 115790

Ion Ratio Lower Upper

93 100

95 85.5 65.1 97.7

174 100.5 77.8 116.6





#47

Bromodichloromethane

Concen: 44.688 ug/l

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

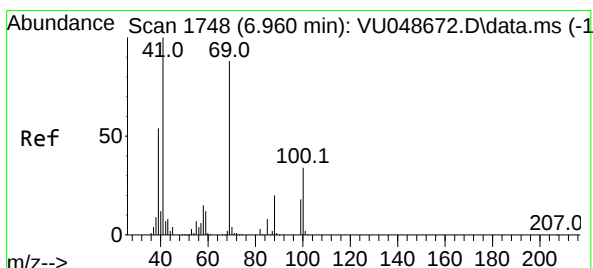
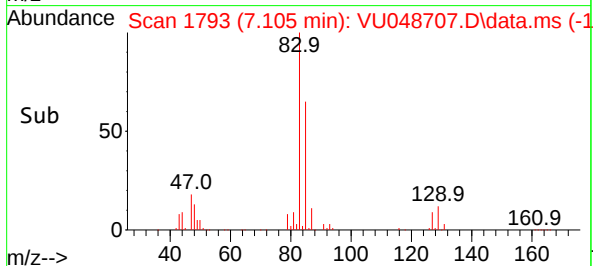
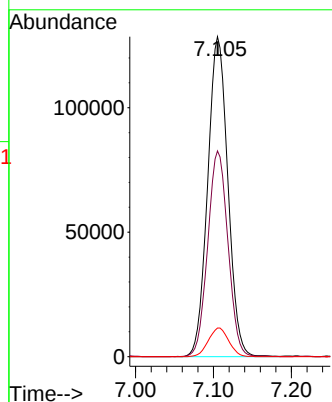
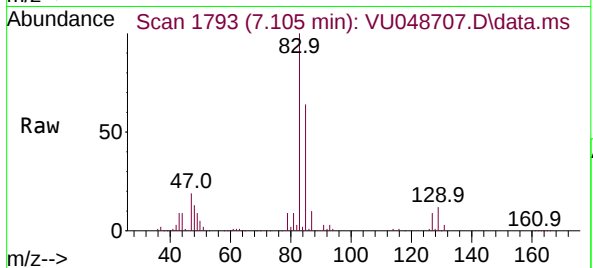
Tgt Ion: 83 Resp: 231506

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

127 8.9 6.9 10.3



#48

Methyl methacrylate

Concen: 50.712 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

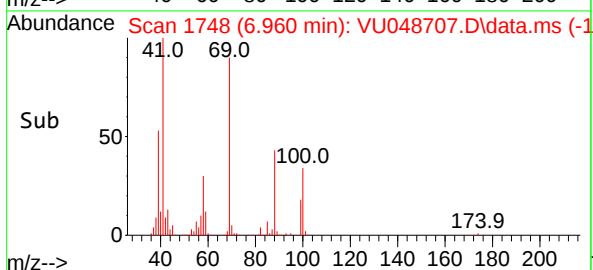
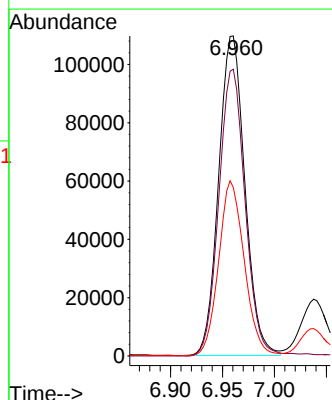
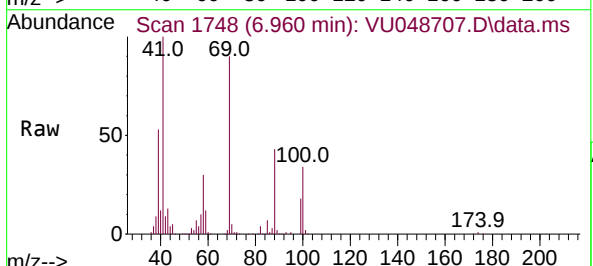
Tgt Ion: 41 Resp: 192705

Ion Ratio Lower Upper

41 100

69 90.0 70.7 106.1

39 53.7 43.4 65.2

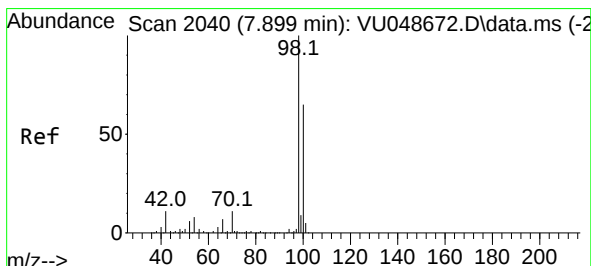
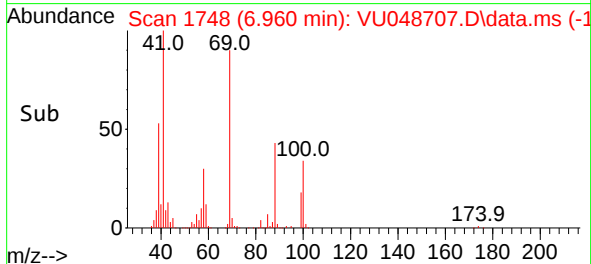
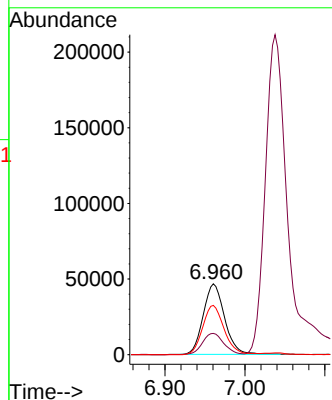
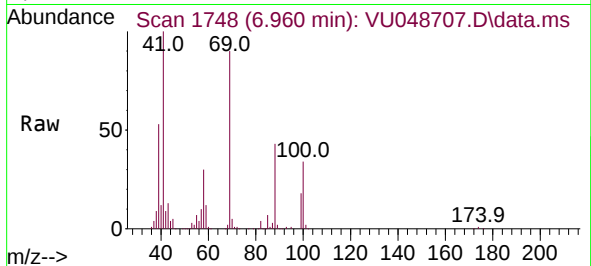




#49
1,4-Dioxane
Concen: 1023.067 ug/l
RT: 6.960 min Scan# 1752
Delta R.T. -0.013 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

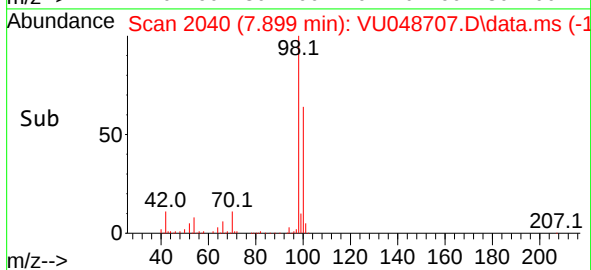
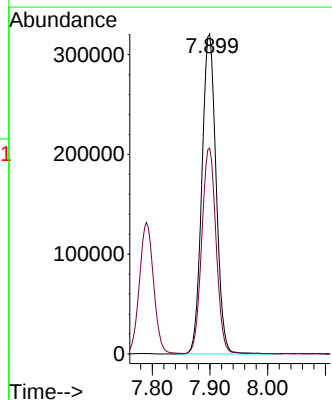
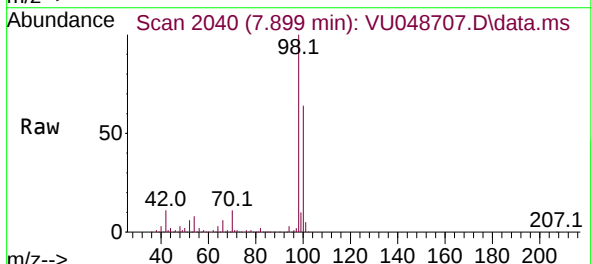
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

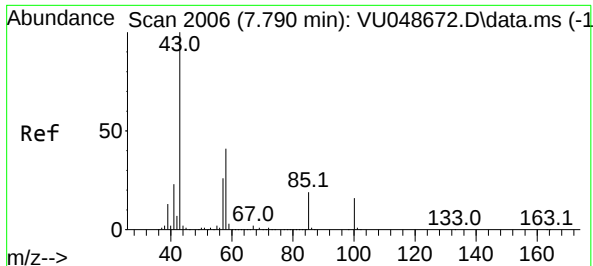
Tgt Ion: 88 Resp: 86906
Ion Ratio Lower Upper
88 100
43 30.6 24.6 36.8
58 69.9 54.7 82.1



#50
Toluene-d8
Concen: 48.351 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 98 Resp: 547853
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

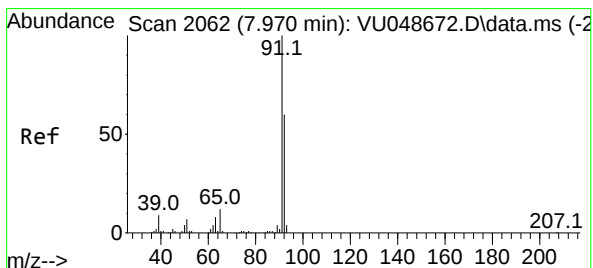
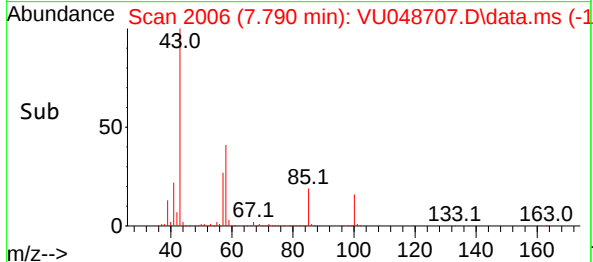
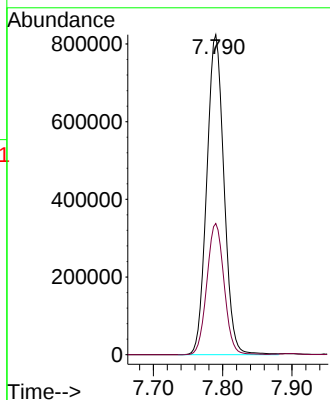
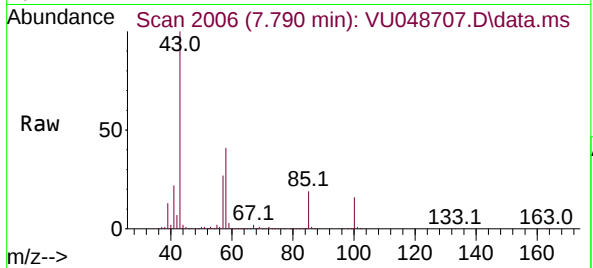




#51
4-Methyl-2-Pentanone
Concen: 258.031 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

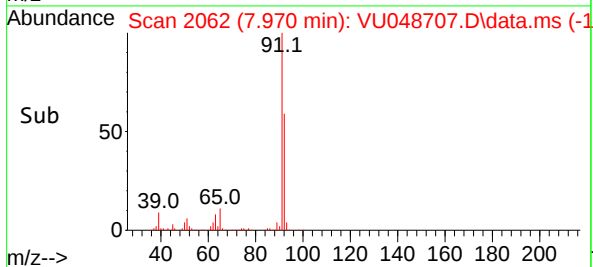
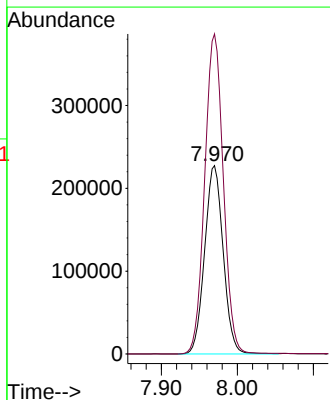
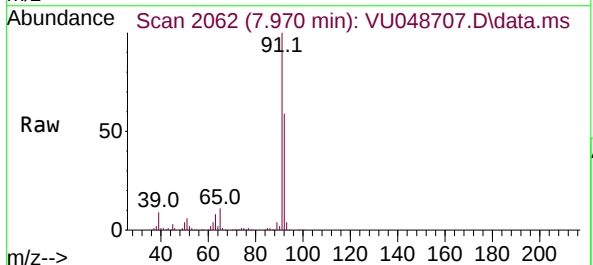
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

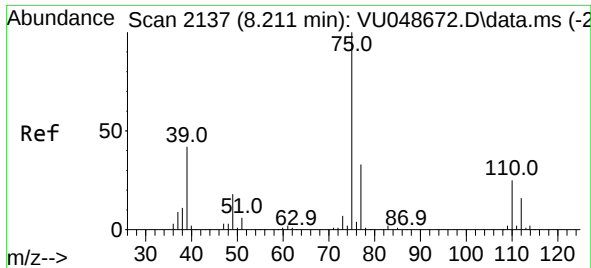
Tgt Ion: 43 Resp: 1418225
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1



#52
Toluene
Concen: 47.259 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 92 Resp: 385000
Ion Ratio Lower Upper
92 100
91 171.0 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 46.404 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

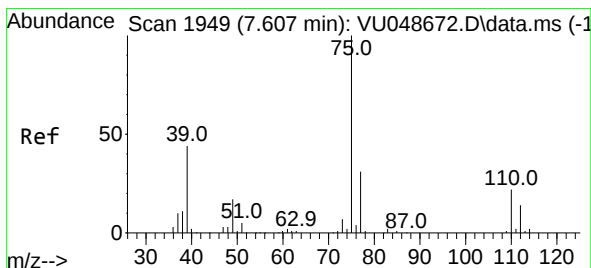
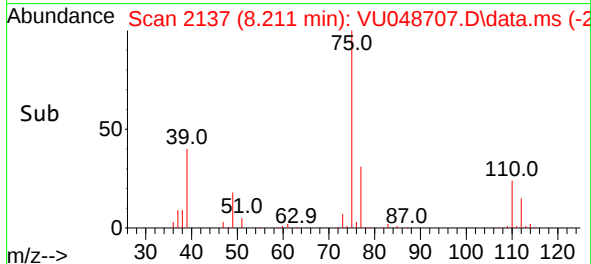
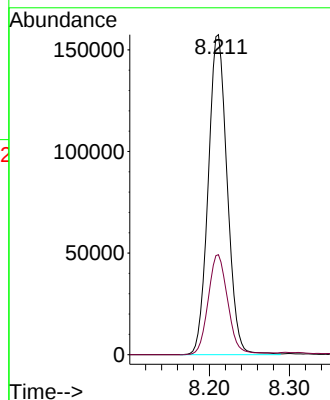
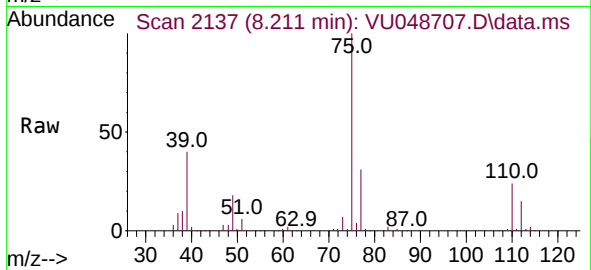
VSTDCCC050EC

Tgt Ion: 75 Resp: 259319

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 46.846 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

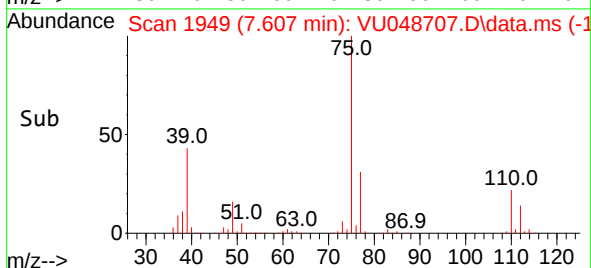
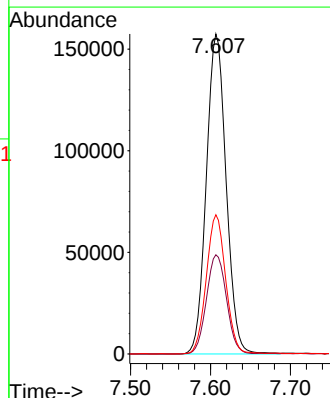
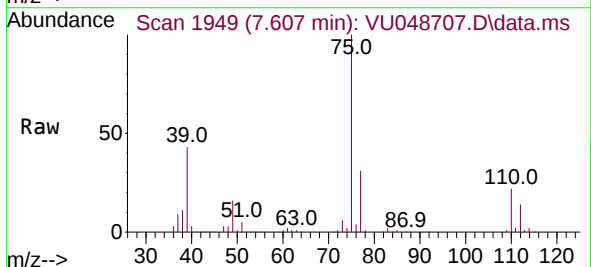
Tgt Ion: 75 Resp: 271273

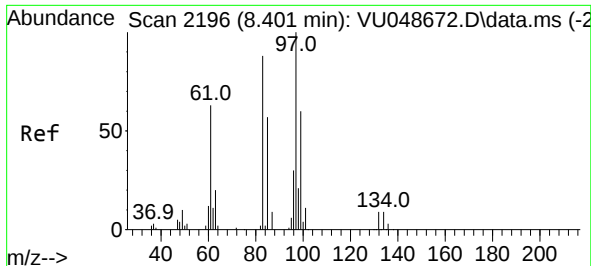
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 43.5 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 45.473 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 163496

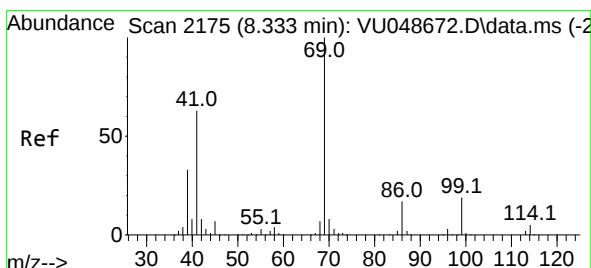
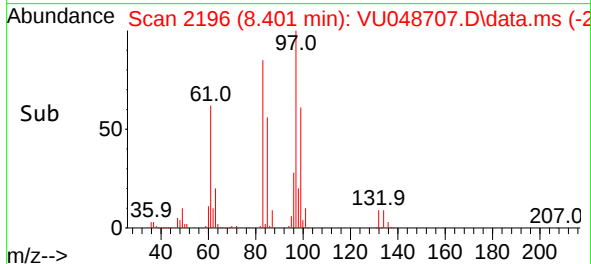
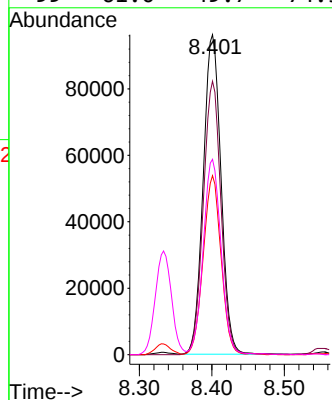
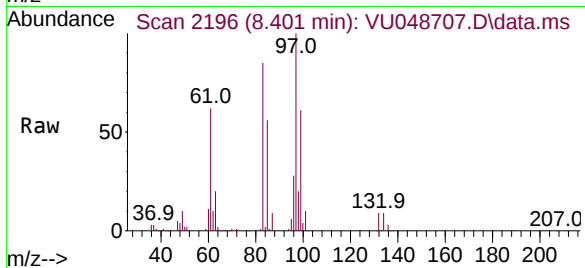
Ion Ratio Lower Upper

97 100

83 85.6 70.2 105.4

85 56.0 45.6 68.4

99 61.0 49.7 74.5



#56

Ethyl methacrylate

Concen: 48.101 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

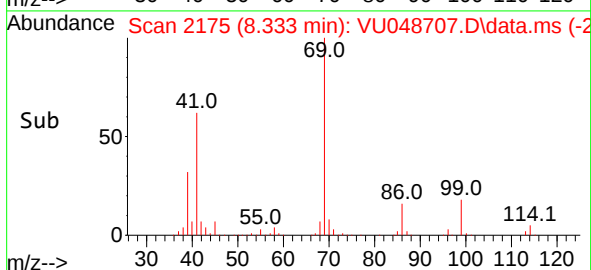
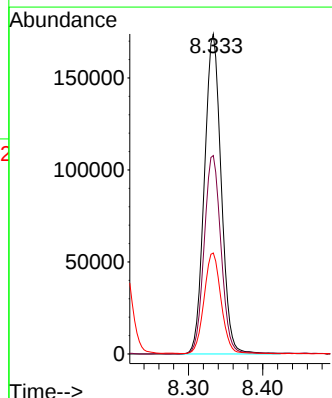
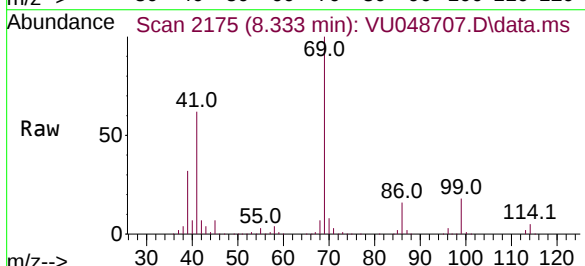
Tgt Ion: 69 Resp: 272693

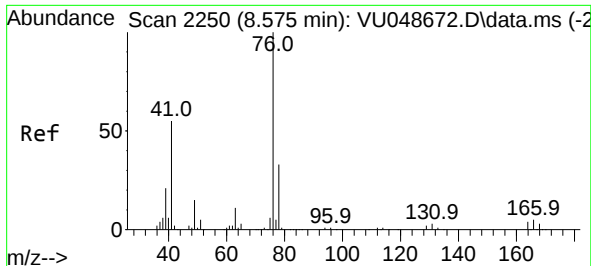
Ion Ratio Lower Upper

69 100

41 62.3 50.6 76.0

39 31.8 26.6 40.0





#57

1,3-Dichloropropane

Concen: 46.206 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

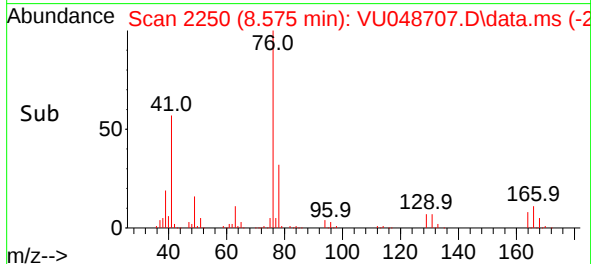
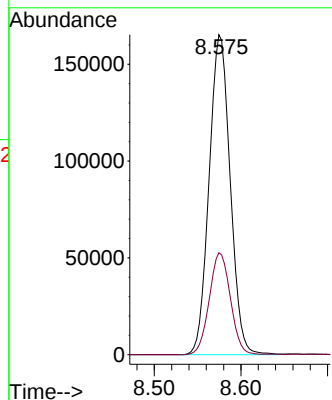
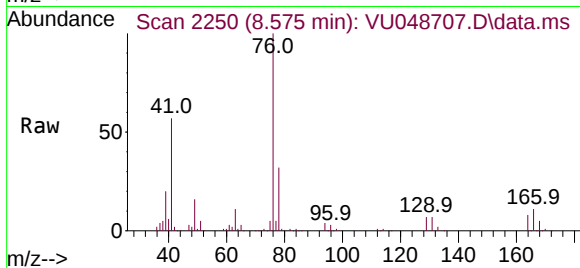
VSTDCCC050EC

Tgt Ion: 76 Resp: 279609

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 200.349 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048707.D

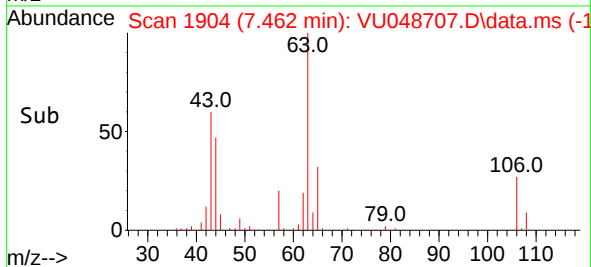
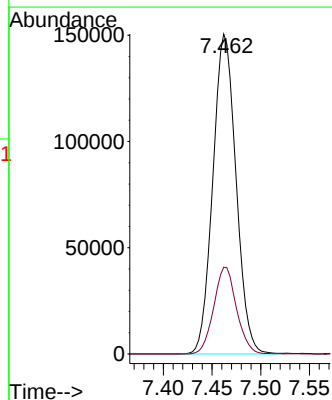
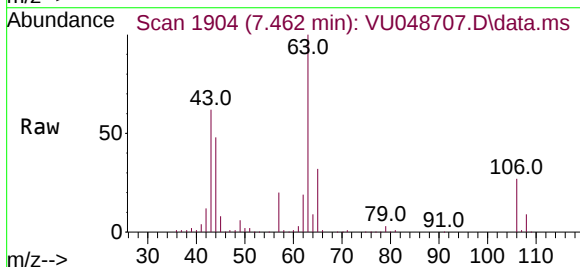
Acq: 27 May 2022 20:33

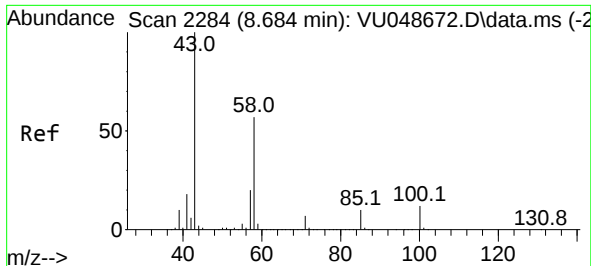
Tgt Ion: 63 Resp: 248758

Ion Ratio Lower Upper

63 100

106 26.6 22.2 33.2





#59

2-Hexanone

Concen: 253.152 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

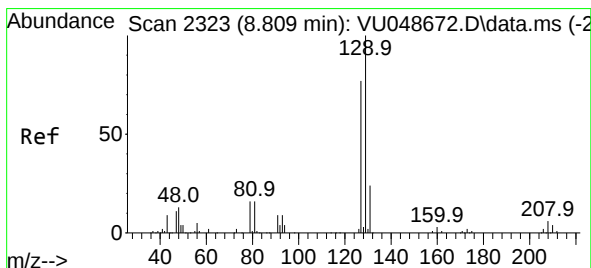
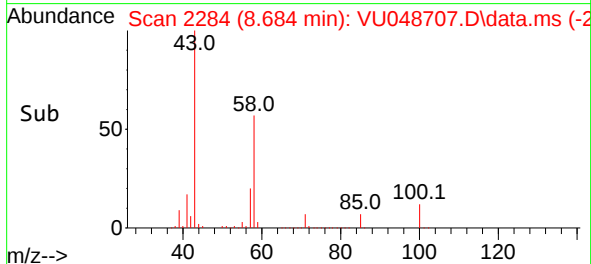
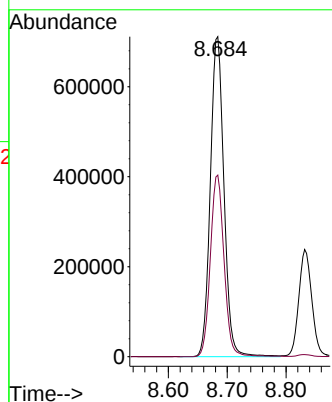
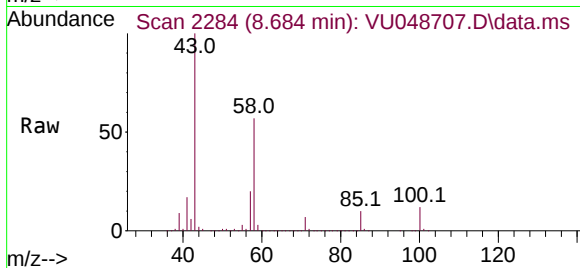
VSTDCCC050EC

Tgt Ion: 43 Resp: 1142305

Ion Ratio Lower Upper

43 100

58 57.1 28.2 84.6



#60

Dibromochloromethane

Concen: 46.024 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU048707.D

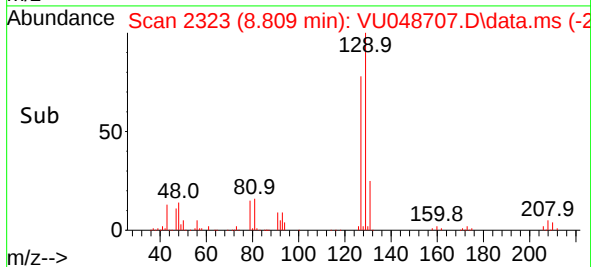
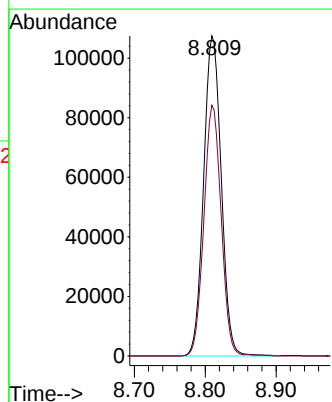
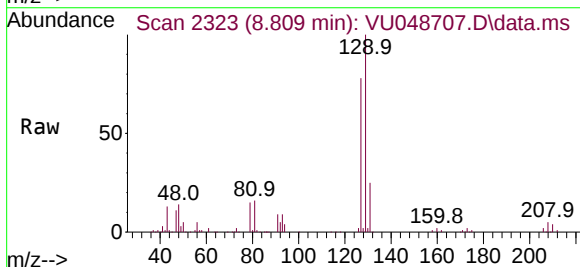
Acq: 27 May 2022 20:33

Tgt Ion:129 Resp: 185492

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.3

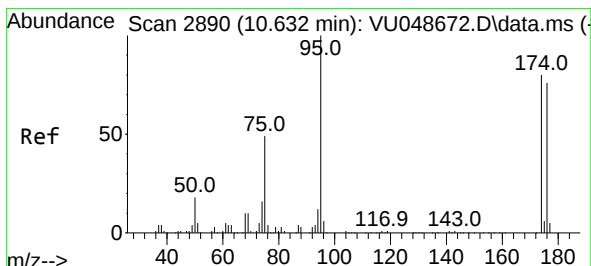
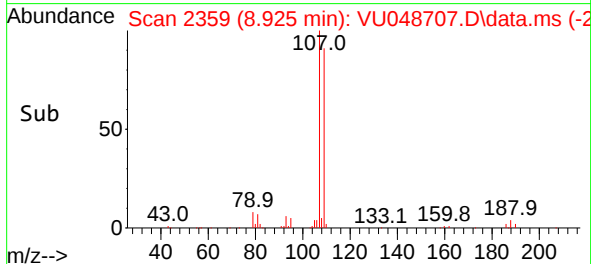
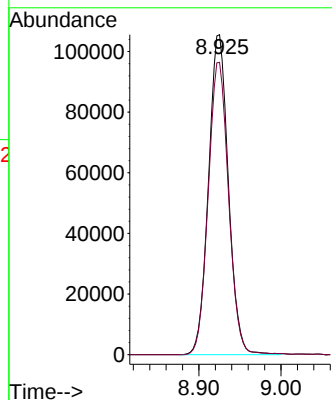
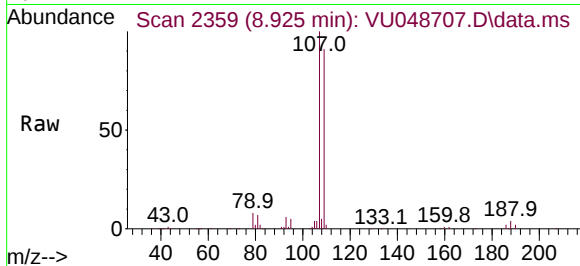




#61
 1,2-Dibromoethane
 Concen: 44.933 ug/l
 RT: 8.925 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

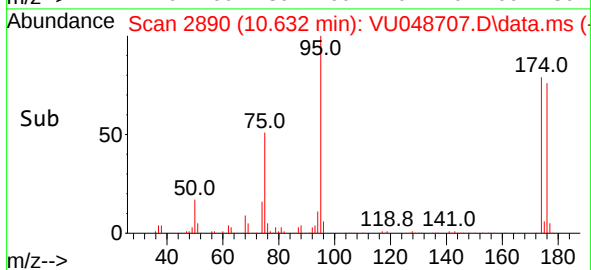
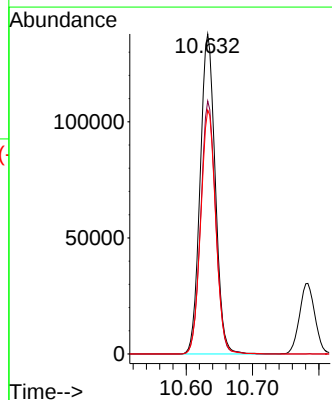
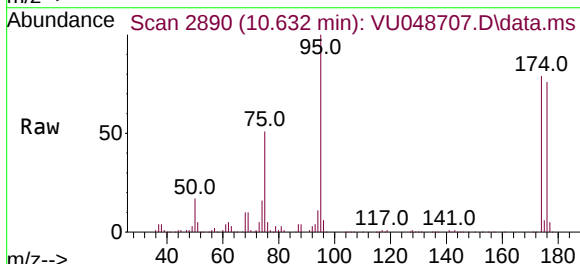
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

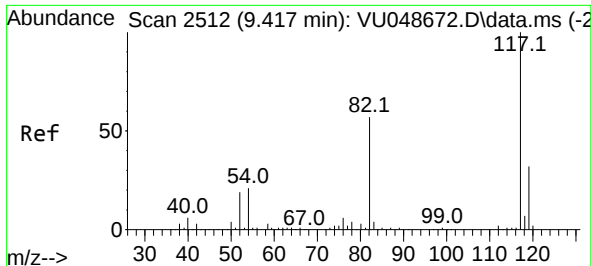
Tgt Ion:107 Resp: 177919
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.808 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion: 95 Resp: 217721
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 159.4
 176 76.0 0.0 152.4

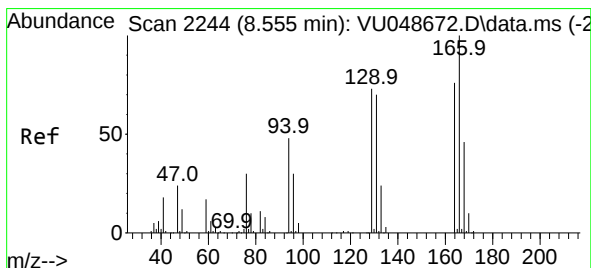
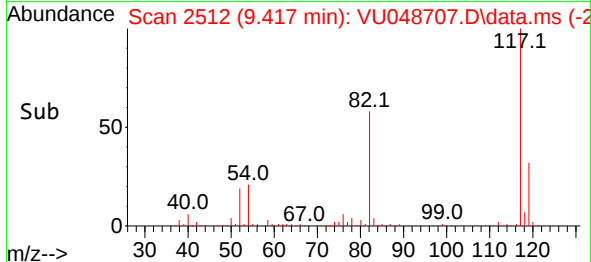
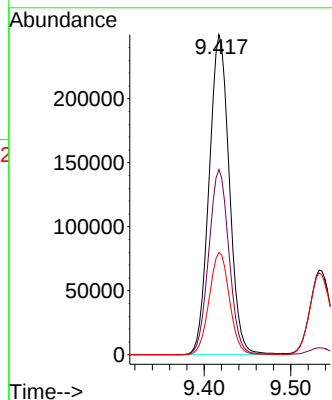
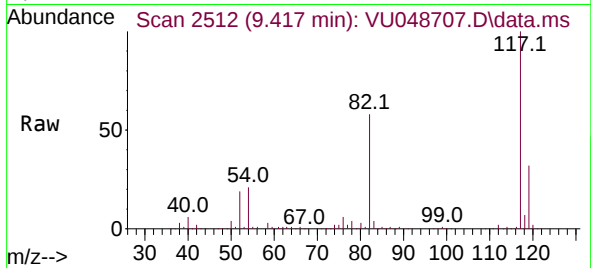




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

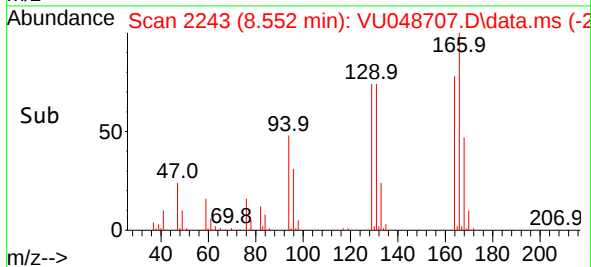
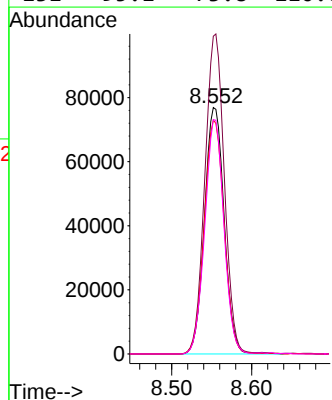
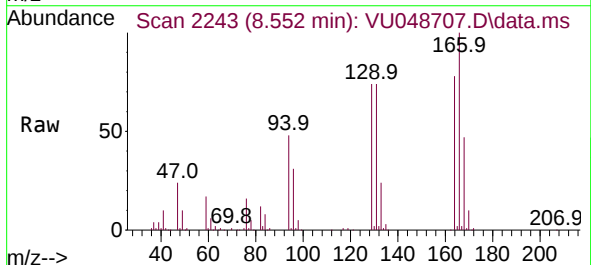
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

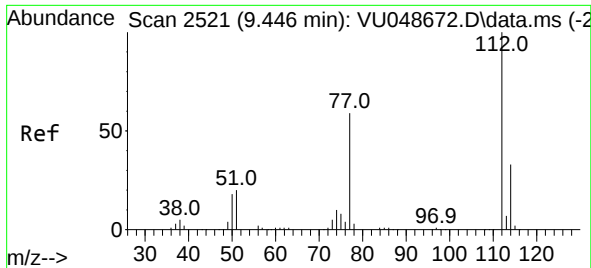
Tgt Ion:117 Resp: 404751
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 46.714 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:164 Resp: 131498
Ion Ratio Lower Upper
164 100
166 128.9 105.0 157.4
129 94.9 76.5 114.7
131 95.1 73.8 110.6

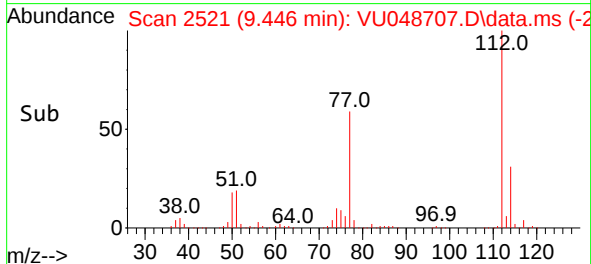
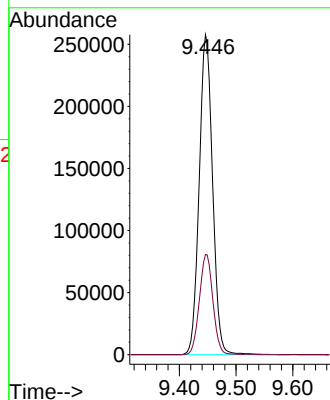
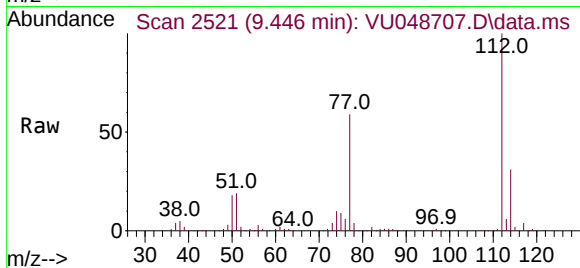




#65
Chlorobenzene
Concen: 49.336 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

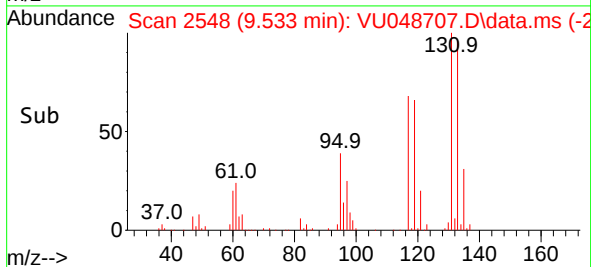
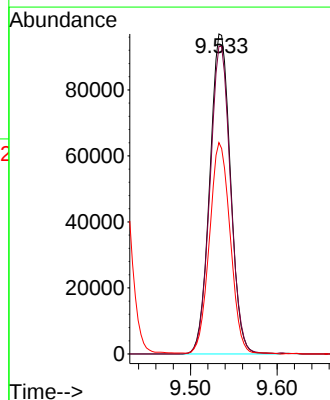
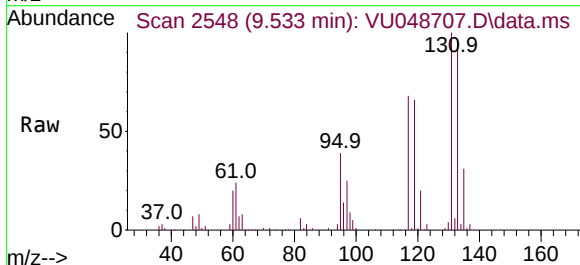
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

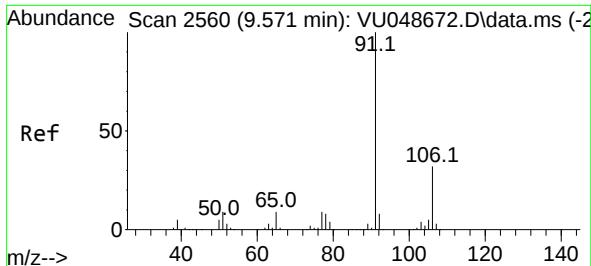
Tgt Ion:112 Resp: 422342
Ion Ratio Lower Upper
112 100
114 31.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.486 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:131 Resp: 160800
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 66.5 32.7 98.1





#67

Ethyl Benzene

Concen: 54.842 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

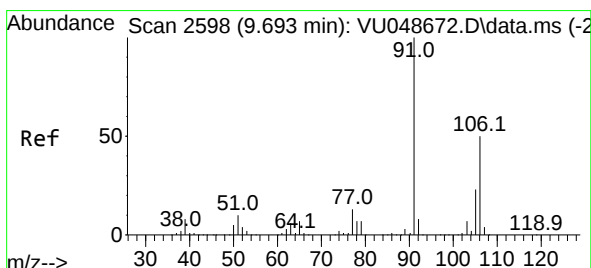
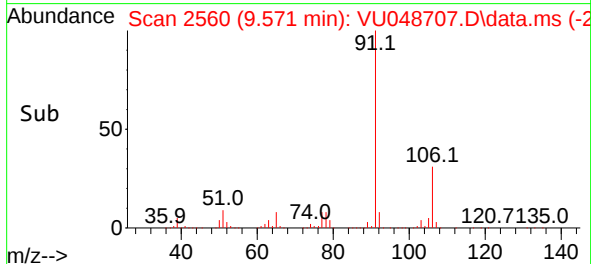
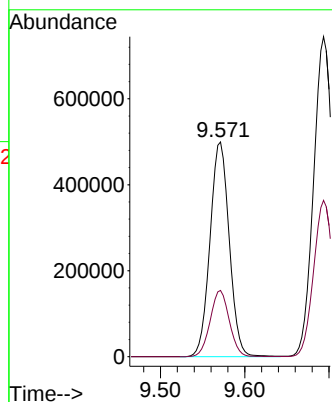
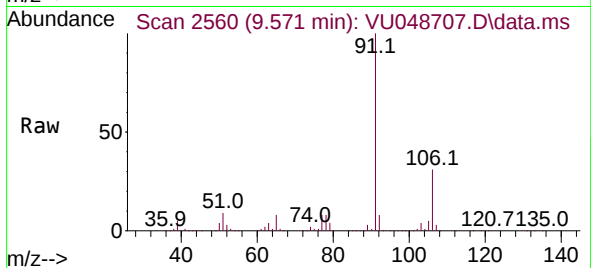
VSTDCCC050EC

Tgt Ion: 91 Resp: 791815

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



#68

m/p-Xylenes

Concen: 105.964 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048707.D

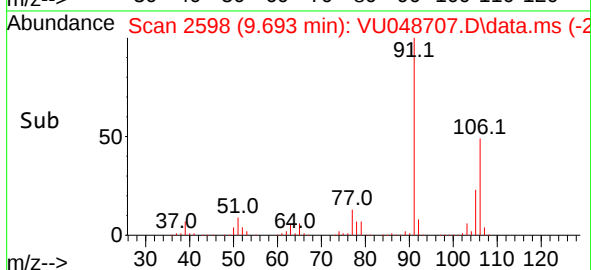
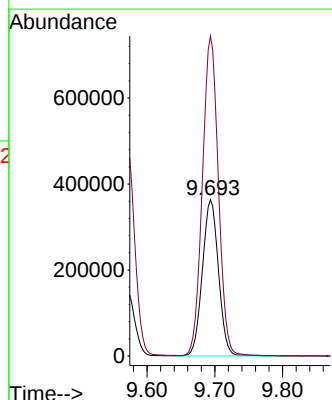
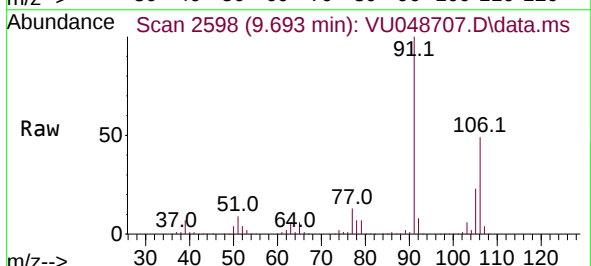
Acq: 27 May 2022 20:33

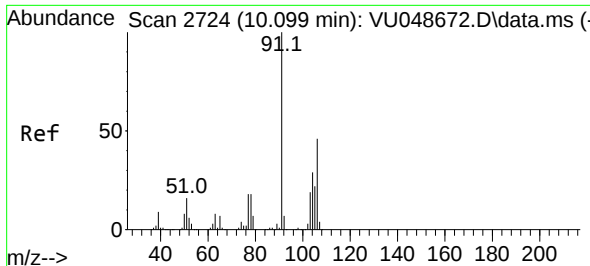
Tgt Ion:106 Resp: 598372

Ion Ratio Lower Upper

106 100

91 203.9 162.4 243.6

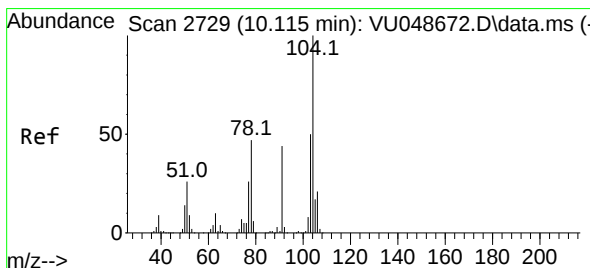
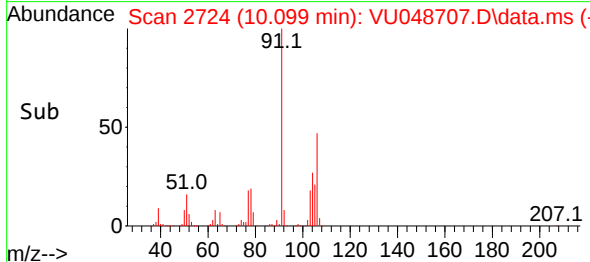
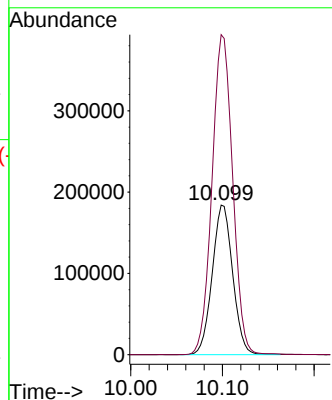
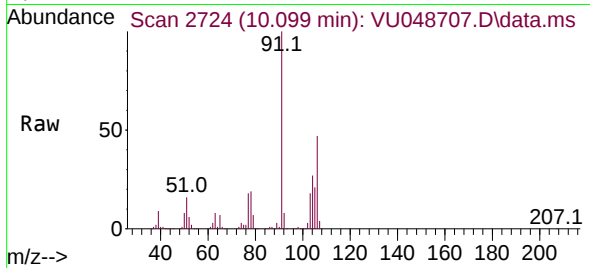




#69
o-Xylene
Concen: 51.406 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

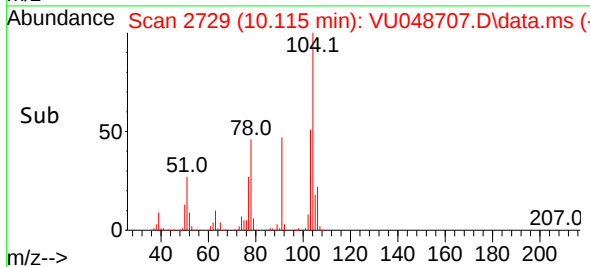
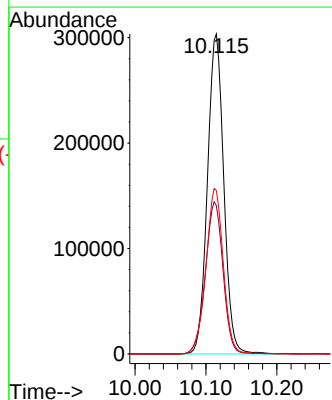
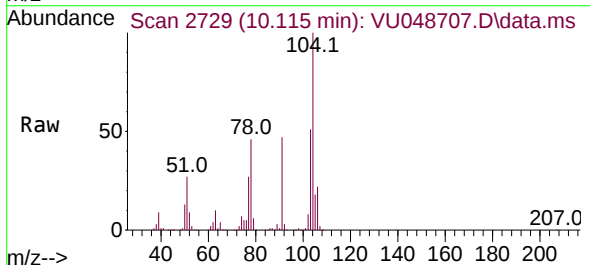
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

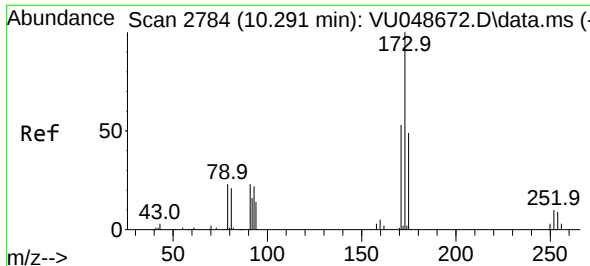
Tgt Ion:106 Resp: 285192
Ion Ratio Lower Upper
106 100
91 216.3 107.7 323.3



#70
Styrene
Concen: 53.213 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:104 Resp: 485585
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 55.0 43.4 65.2

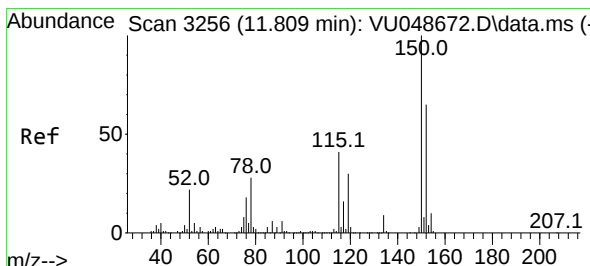
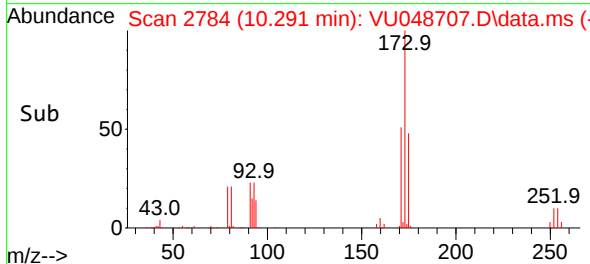
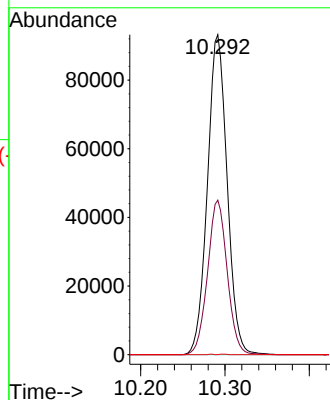
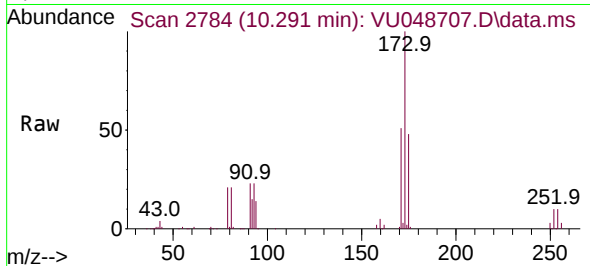




#71
Bromoform
Concen: 50.461 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

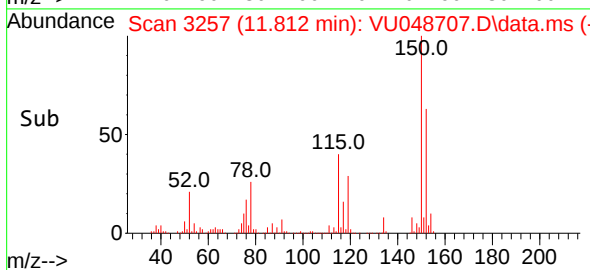
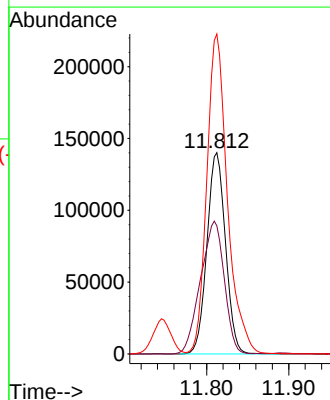
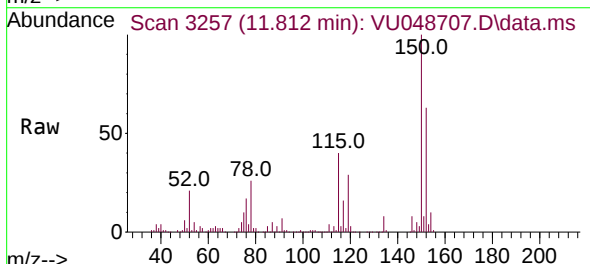
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

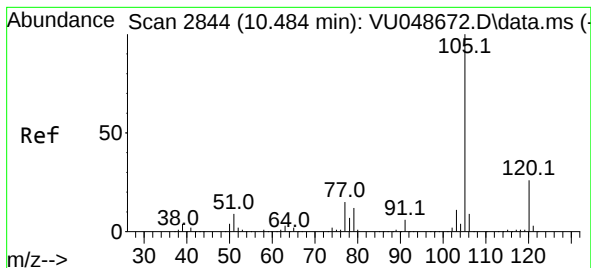
Tgt Ion:173 Resp: 151601
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:152 Resp: 219872
Ion Ratio Lower Upper
152 100
115 84.3 41.8 125.4
150 176.4 0.0 341.0





#73

Isopropylbenzene

Concen: 53.114 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

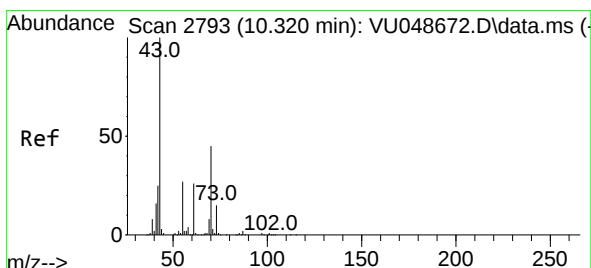
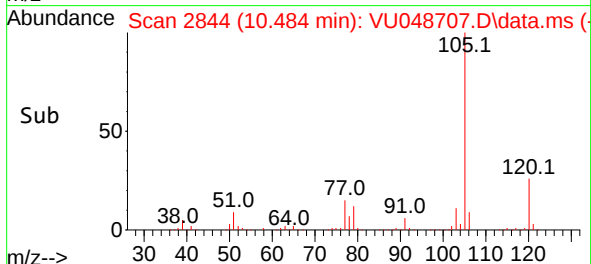
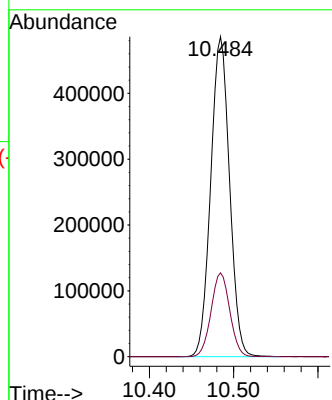
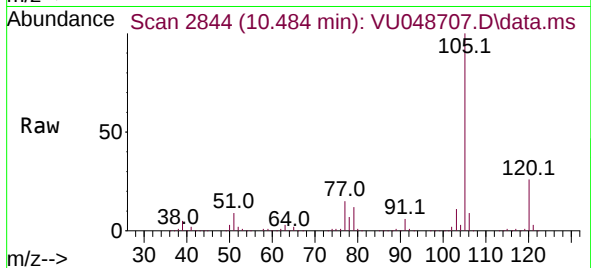
VSTDCCC050EC

Tgt Ion:105 Resp: 753947

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 49.760 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Tgt Ion: 43 Resp: 357507

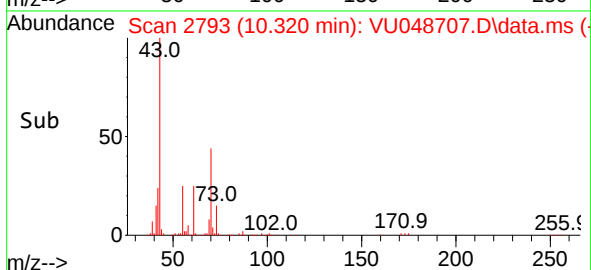
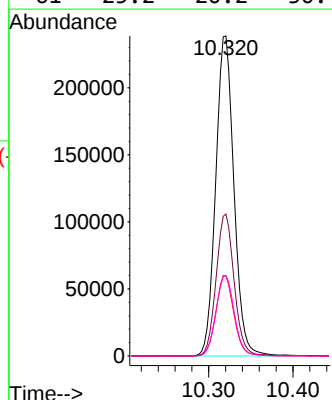
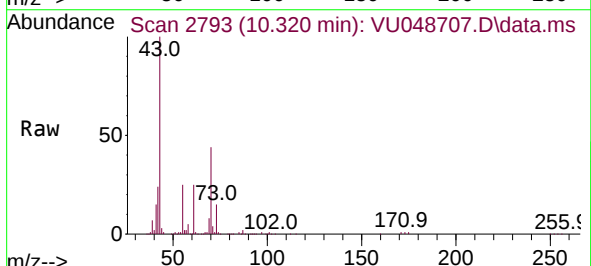
Ion Ratio Lower Upper

43 100

70 44.0 35.8 53.6

55 24.9 21.1 31.7

61 25.2 20.2 30.4

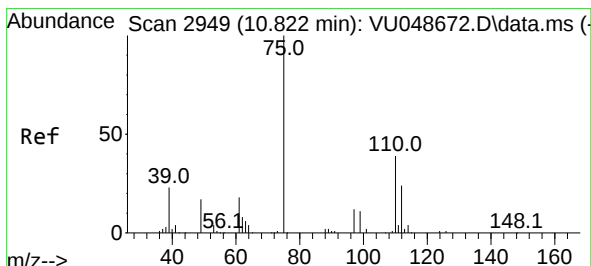
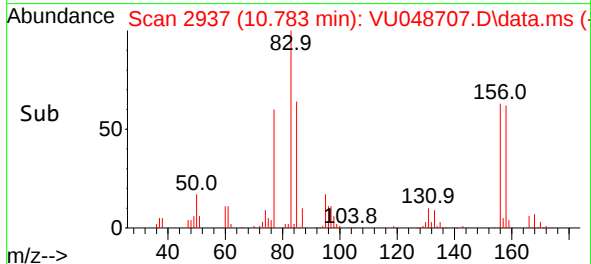
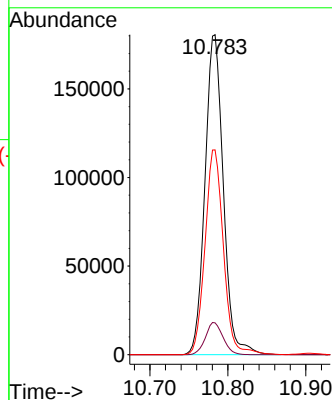
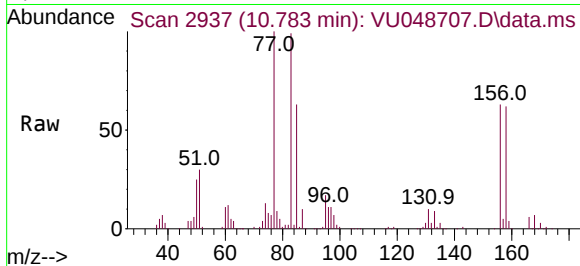




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.946 ug/l
 RT: 10.783 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

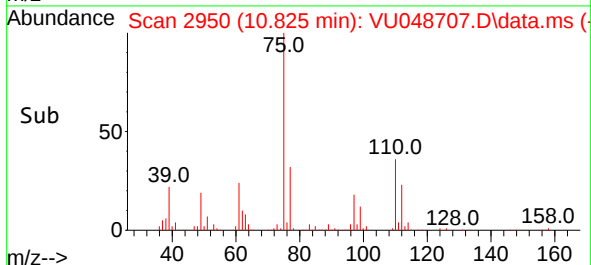
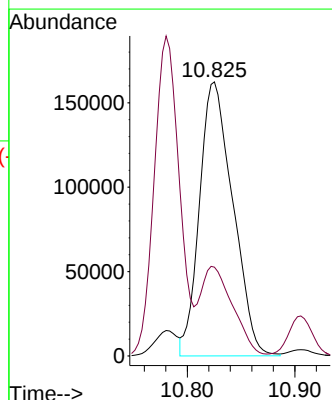
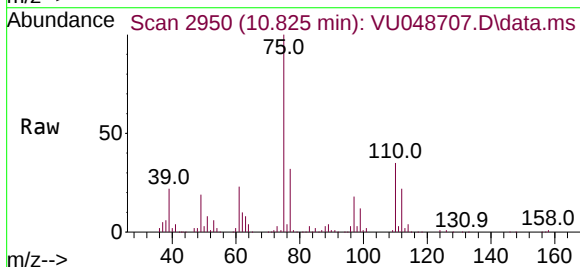
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

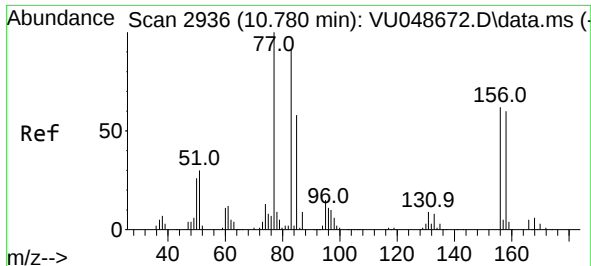
Tgt Ion: 83 Resp: 295113
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 64.3 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 49.390 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.003 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion: 75 Resp: 350137
 Ion Ratio Lower Upper
 75 100
 77 29.9 14.8 44.3

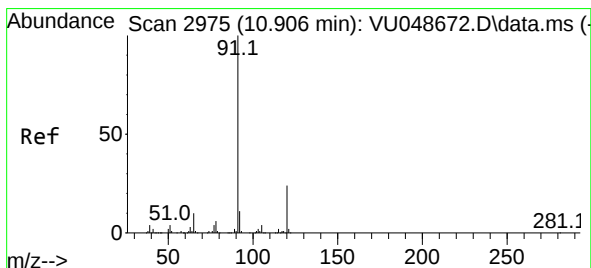
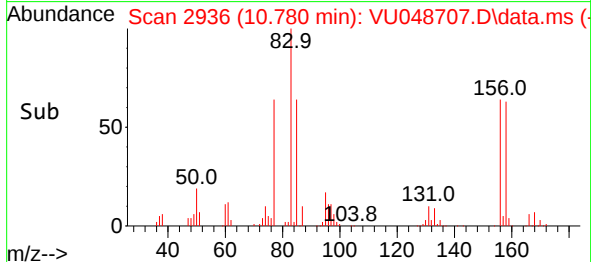
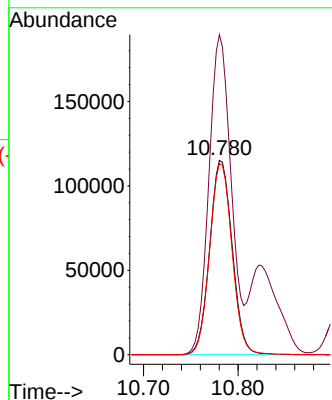
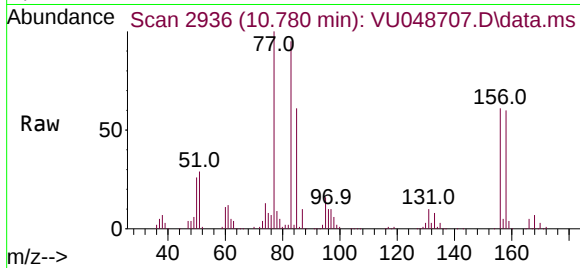




#77
Bromobenzene
Concen: 49.983 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

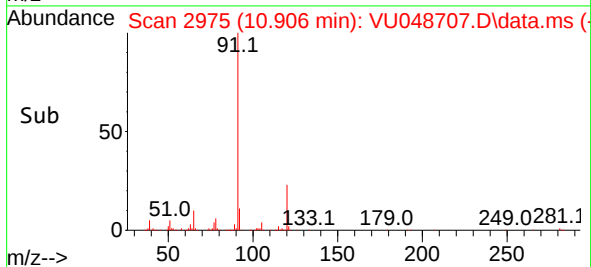
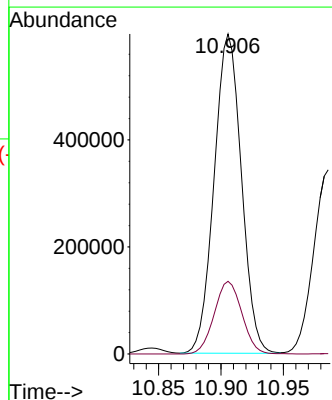
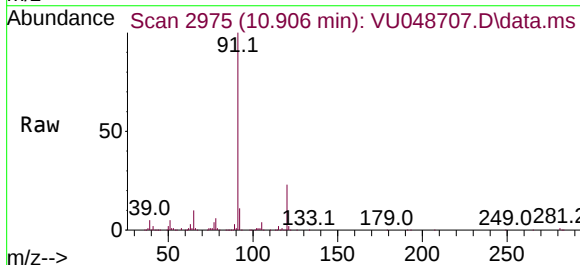
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

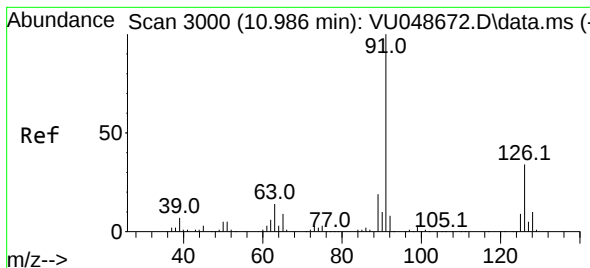
Tgt Ion:156 Resp: 190545
Ion Ratio Lower Upper
156 100
77 162.0 81.1 243.3
158 97.4 48.8 146.4



#78
n-propylbenzene
Concen: 53.627 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 91 Resp: 907059
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.7





#79

2-Chlorotoluene

Concen: 51.610 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

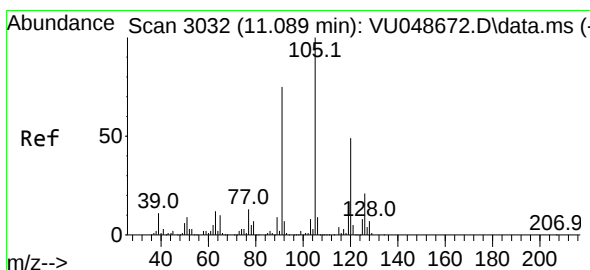
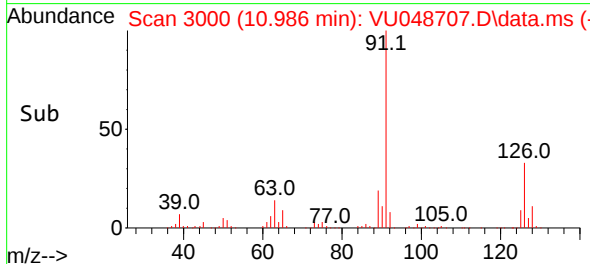
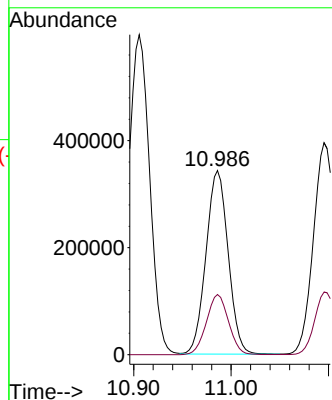
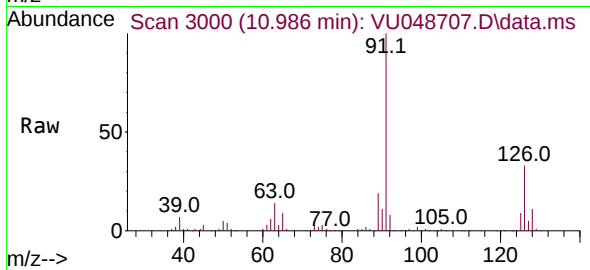
VSTDCCC050EC

Tgt Ion: 91 Resp: 542865

Ion Ratio Lower Upper

91 100

126 32.6 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 53.779 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU048707.D

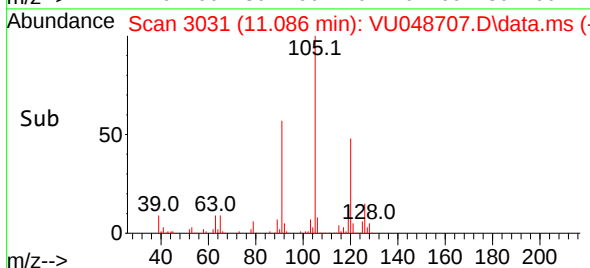
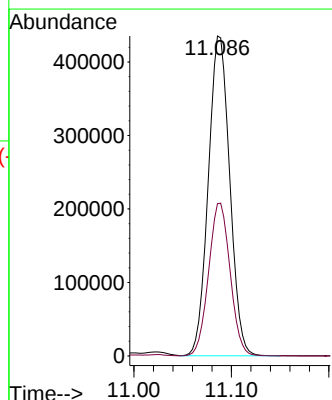
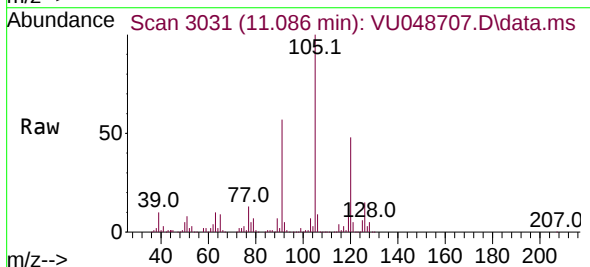
Acq: 27 May 2022 20:33

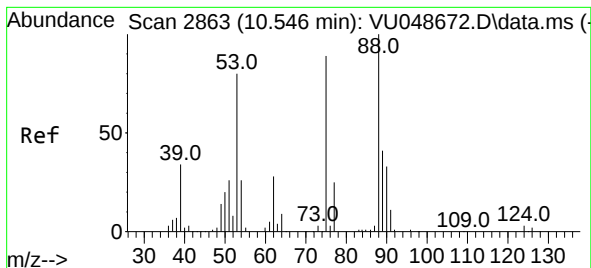
Tgt Ion: 105 Resp: 663856

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

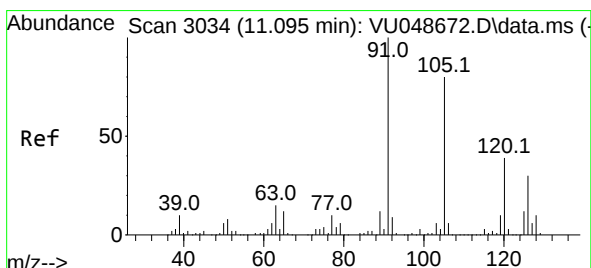
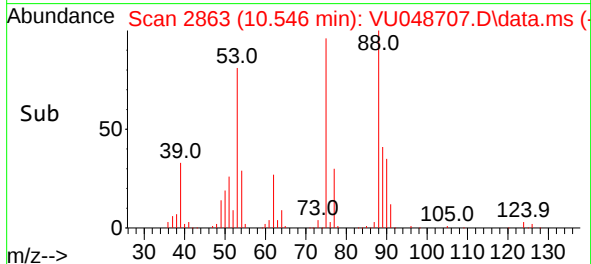
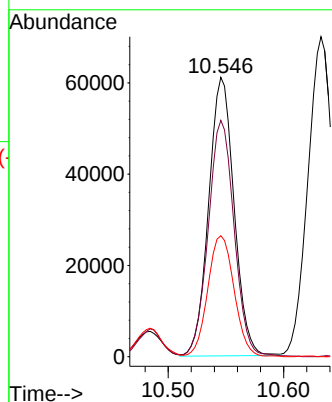
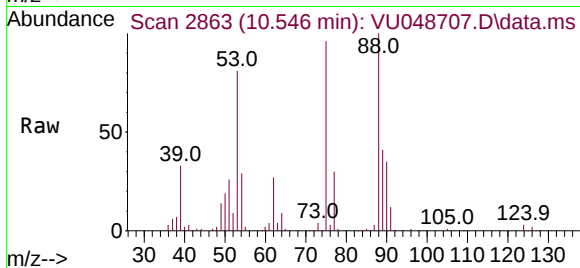




#81
trans-1,4-Dichloro-2-butene
Concen: 47.752 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

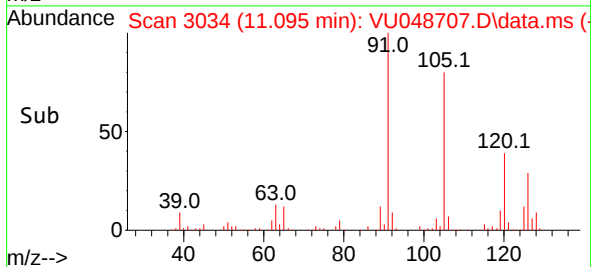
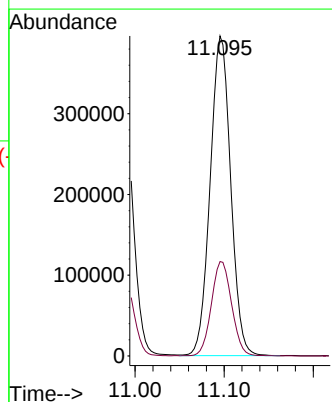
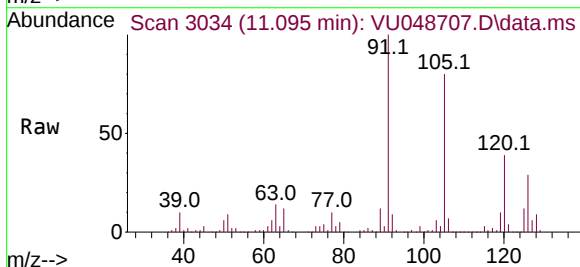
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

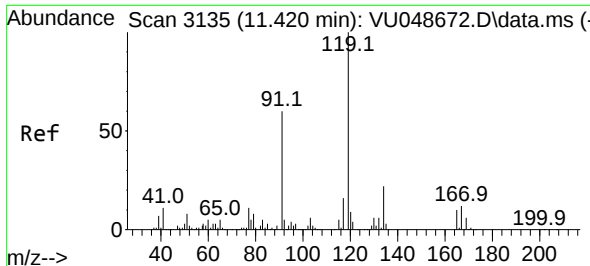
Tgt Ion: 75 Resp: 93234
Ion Ratio Lower Upper
75 100
53 87.0 72.5 108.7
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.121 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 91 Resp: 632546
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.2

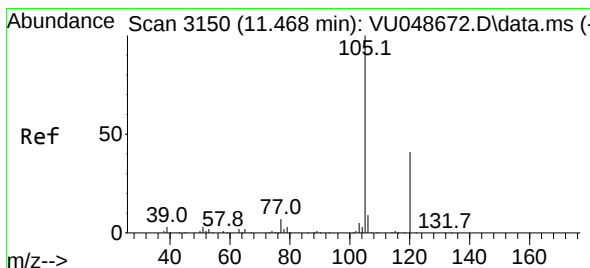
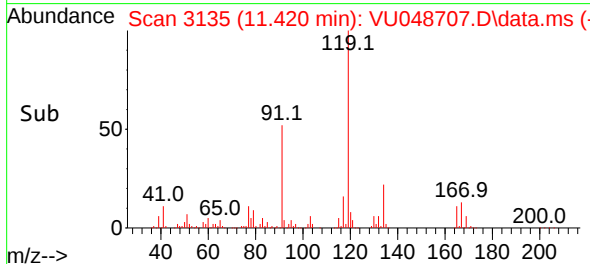
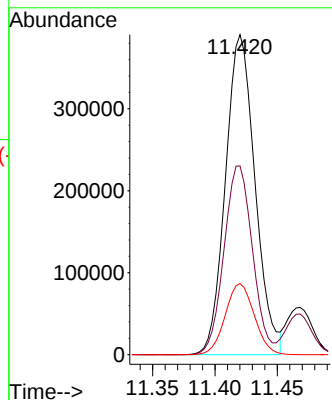
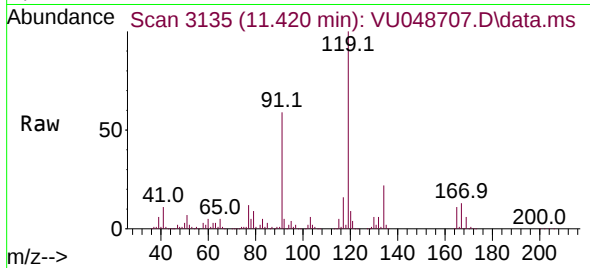




#83
 tert-Butylbenzene
 Concen: 54.534 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

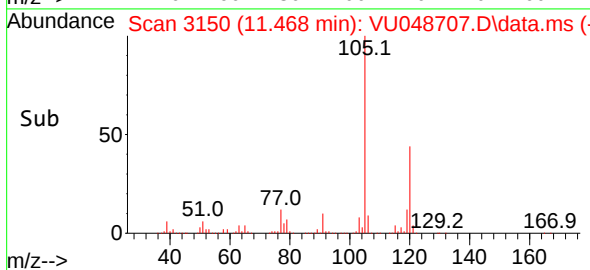
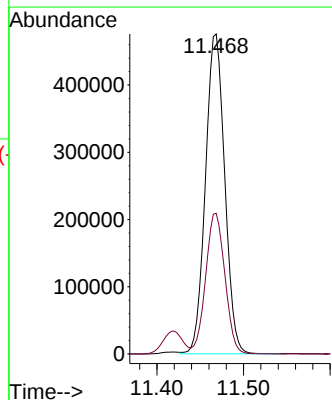
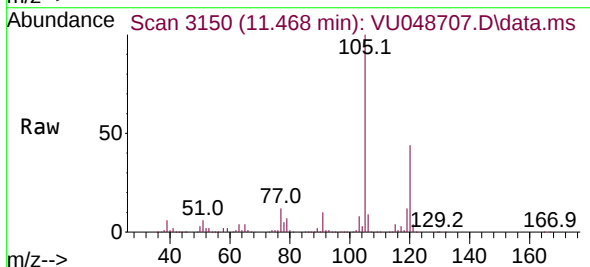
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

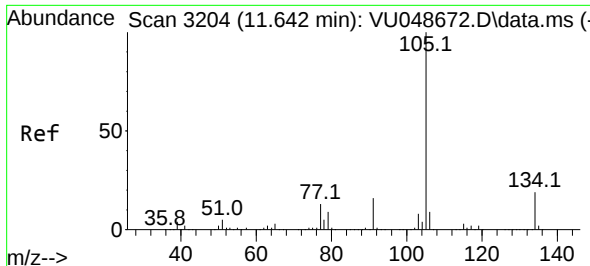
Tgt Ion:119 Resp: 646091
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.7 86.1
 134 21.8 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.075 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion:105 Resp: 734340
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.5 67.5

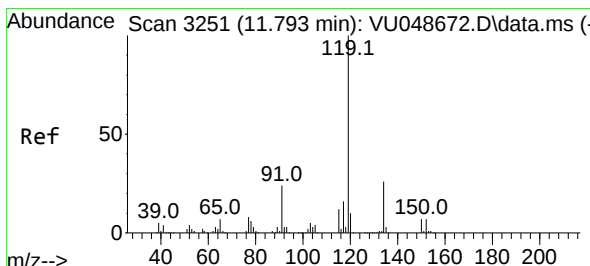
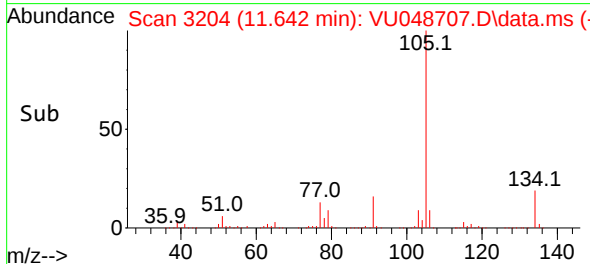
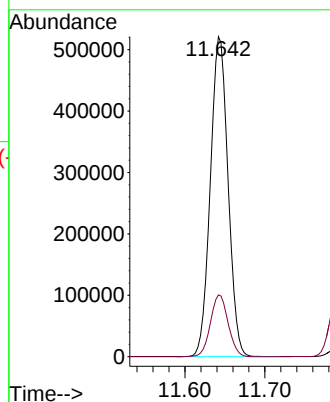
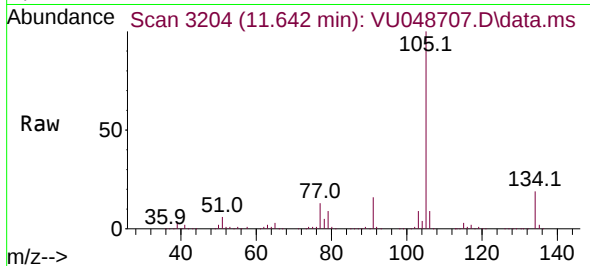




#85
 sec-Butylbenzene
 Concen: 54.043 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

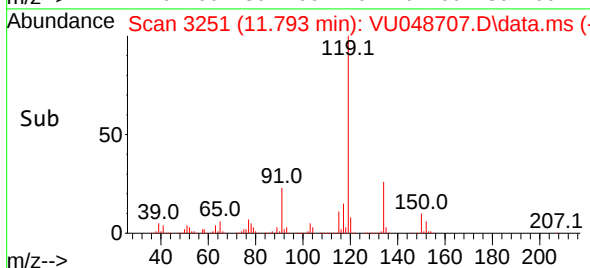
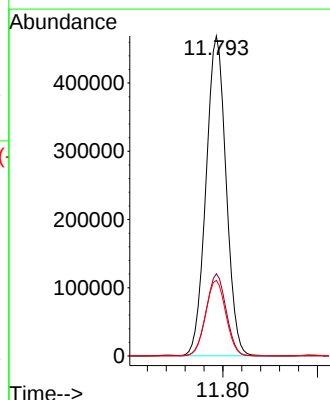
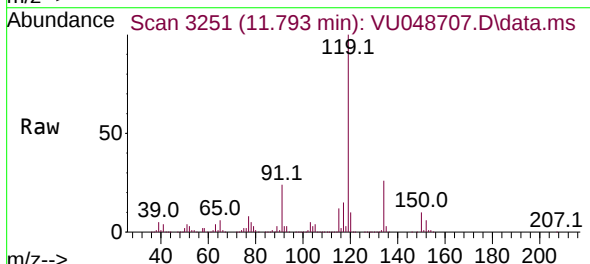
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

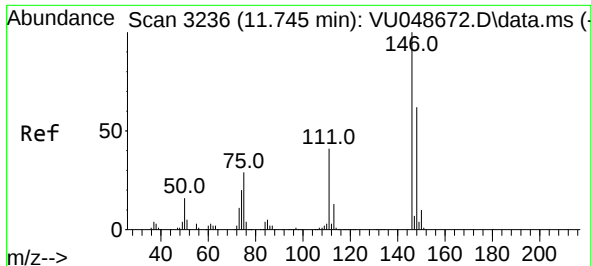
Tgt Ion:105 Resp: 801019
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.243 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048707.D
 Acq: 27 May 2022 20:33

Tgt Ion:119 Resp: 690420
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.167 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

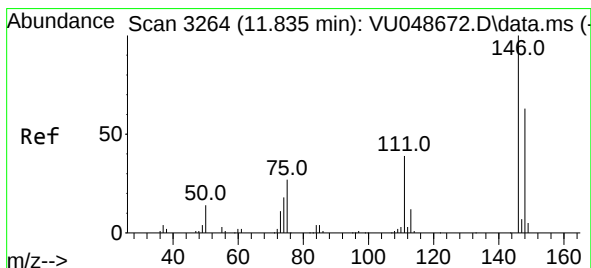
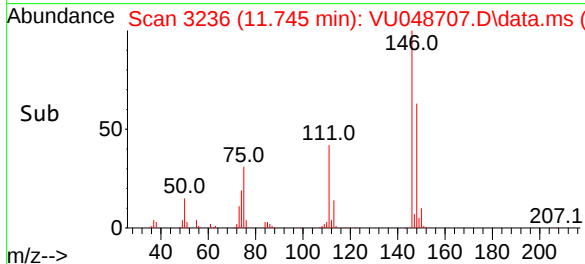
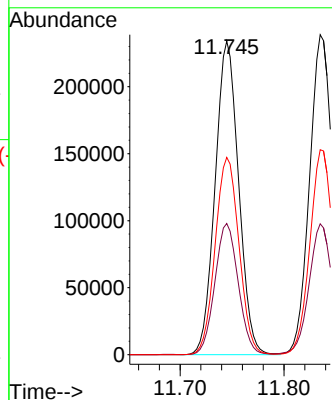
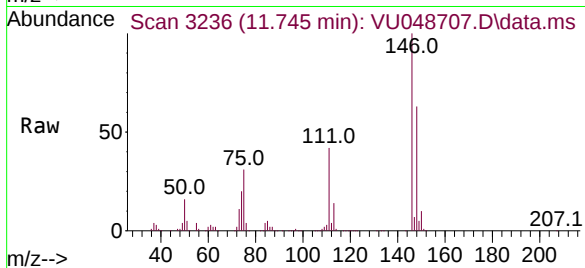
Tgt Ion:146 Resp: 367487

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.581 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

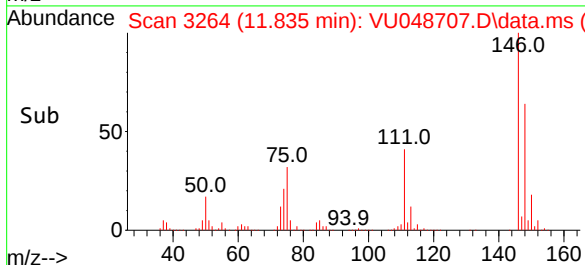
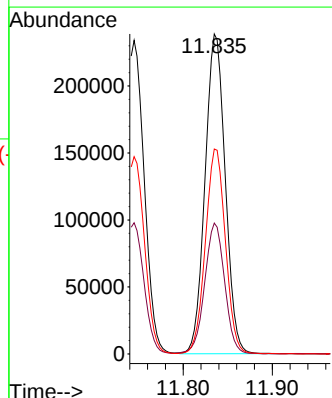
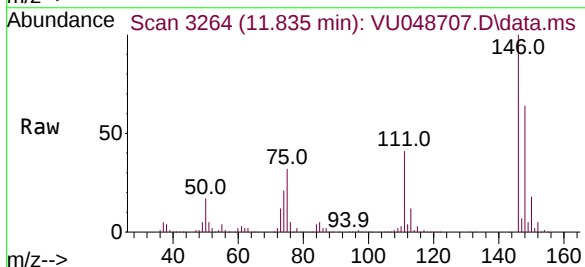
Tgt Ion:146 Resp: 375141

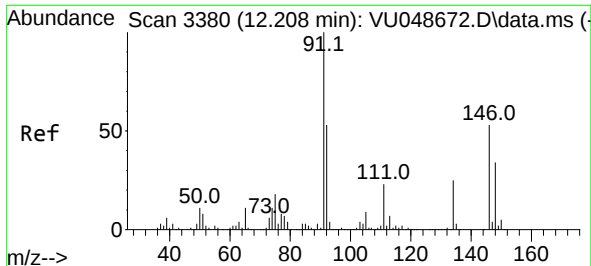
Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 63.4 32.4 97.0





#89

n-Butylbenzene

Concen: 48.814 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

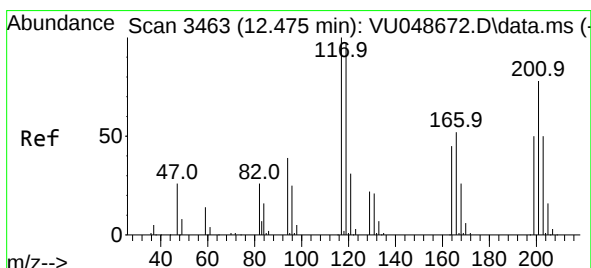
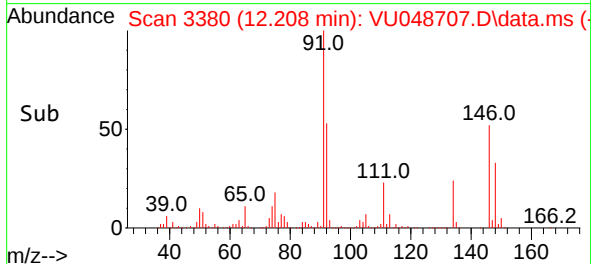
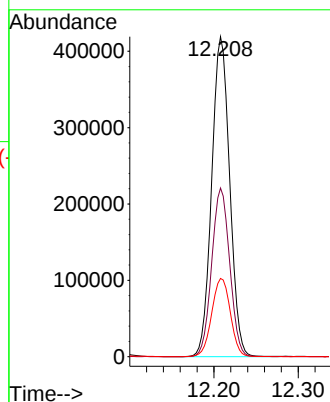
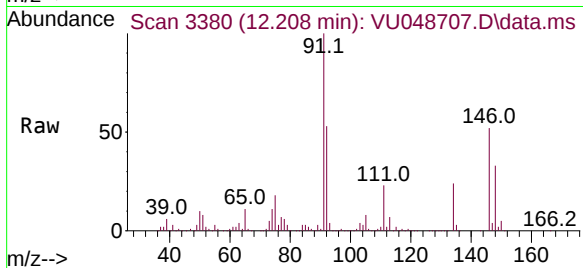
Tgt Ion: 91 Resp: 621222

Ion Ratio Lower Upper

91 100

92 52.7 25.9 77.8

134 25.3 12.5 37.5



#90

Hexachloroethane

Concen: 46.831 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048707.D

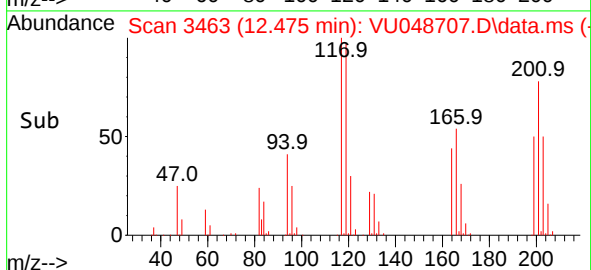
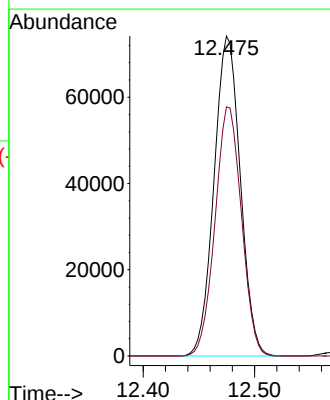
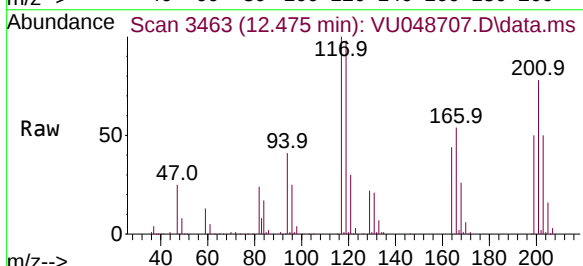
Acq: 27 May 2022 20:33

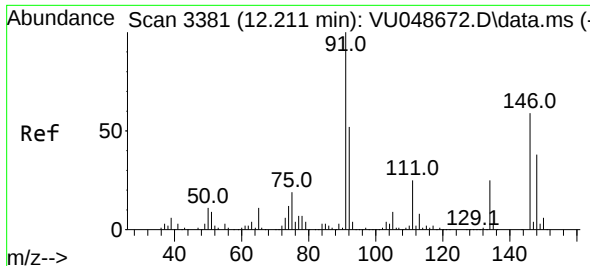
Tgt Ion: 117 Resp: 121651

Ion Ratio Lower Upper

117 100

201 78.1 39.6 119.0

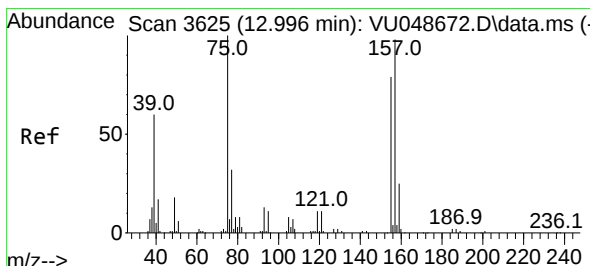
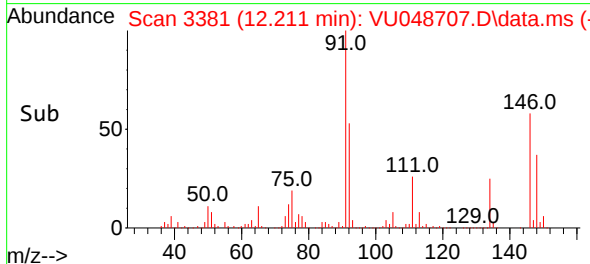
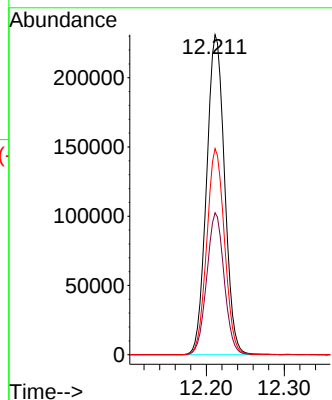
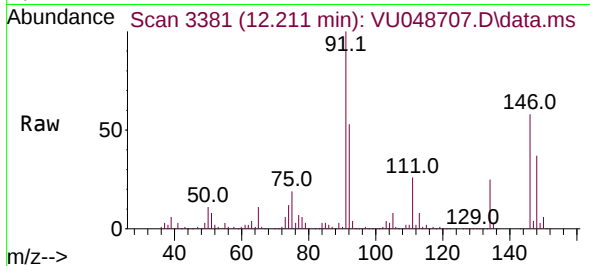




#91
1,2-Dichlorobenzene
Concen: 49.057 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

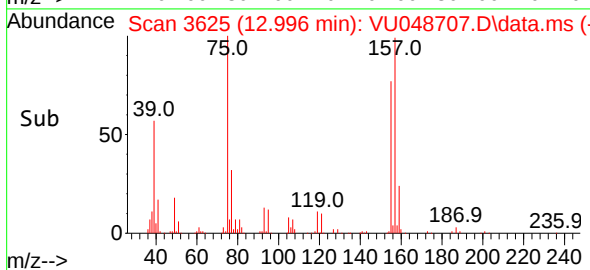
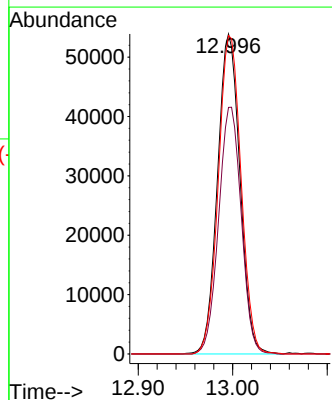
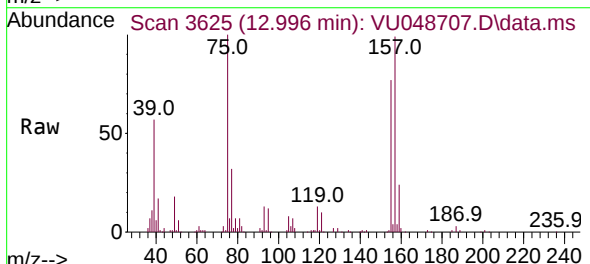
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

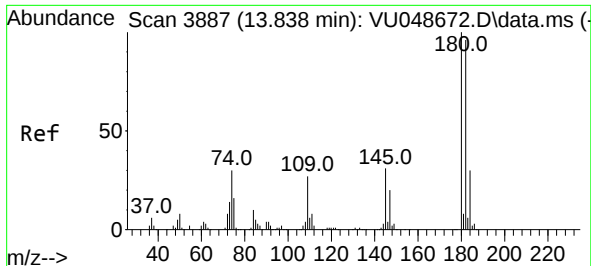
Tgt Ion:146 Resp: 370415
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.296 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion: 75 Resp: 88892
Ion Ratio Lower Upper
75 100
155 77.6 40.3 120.8
157 100.6 50.0 150.0

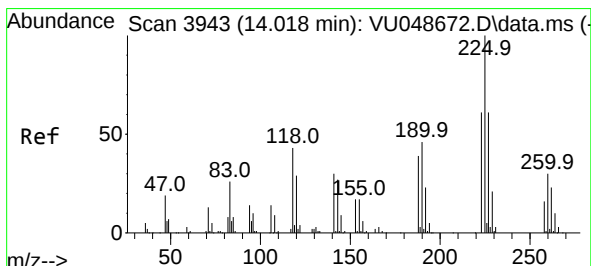
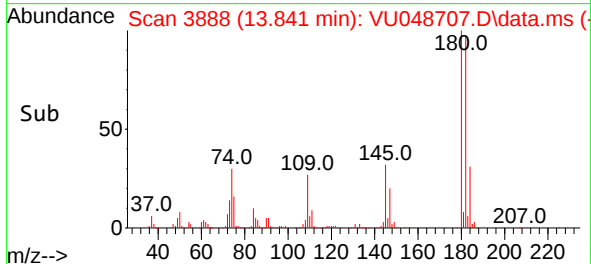
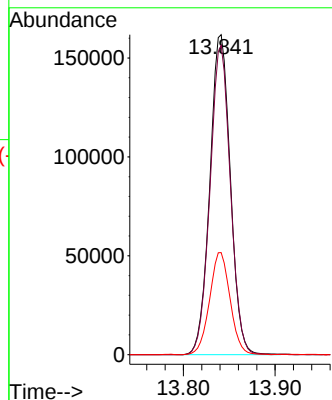
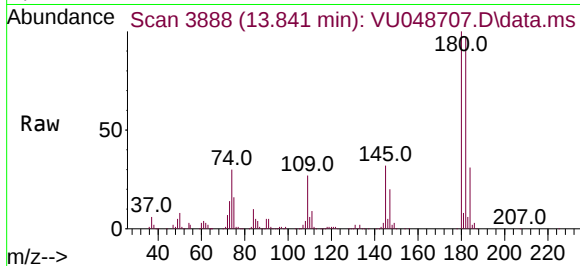




#93
1,2,4-Trichlorobenzene
Concen: 50.804 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

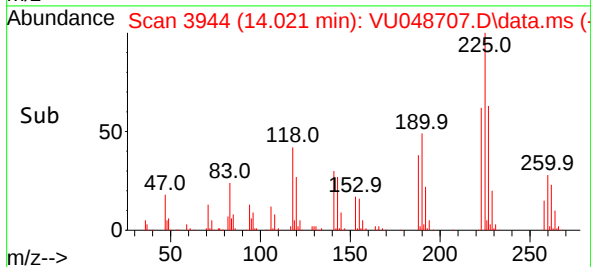
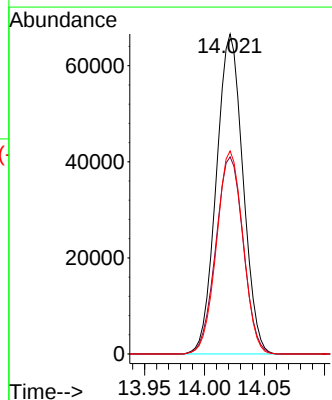
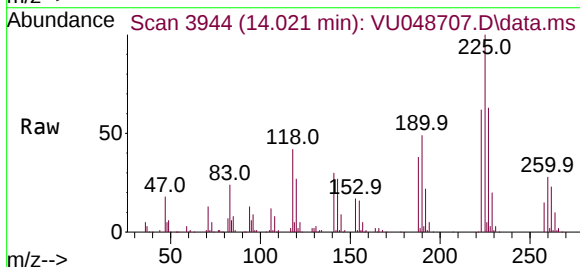
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

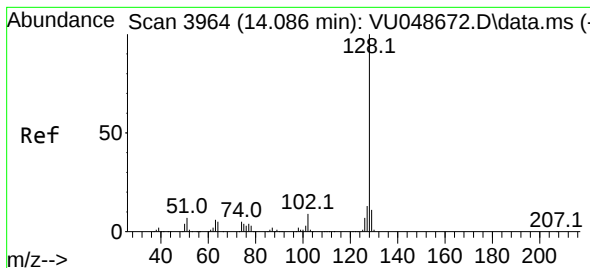
Tgt Ion:180 Resp: 251724
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 31.9 15.6 46.7



#94
Hexachlorobutadiene
Concen: 43.254 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048707.D
Acq: 27 May 2022 20:33

Tgt Ion:225 Resp: 102726
Ion Ratio Lower Upper
225 100
223 63.5 30.9 92.8
227 63.0 31.1 93.5





#95

Naphthalene

Concen: 66.667 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

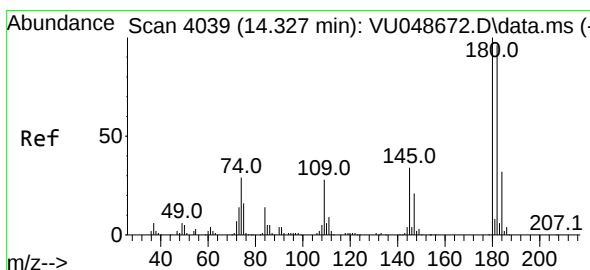
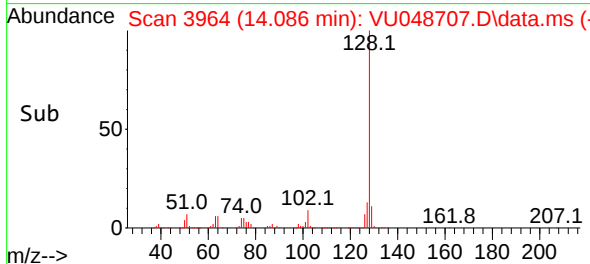
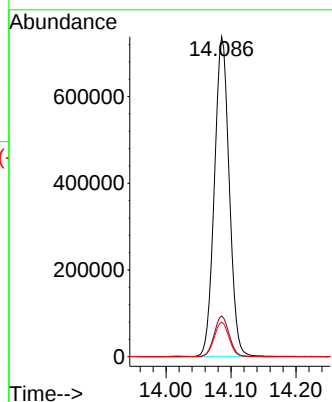
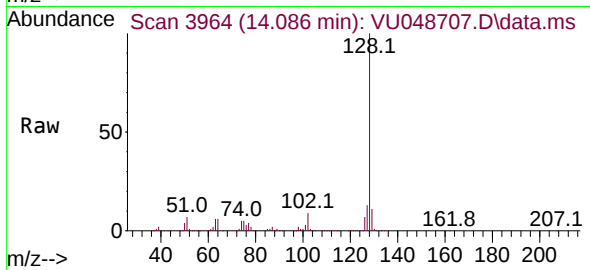
Tgt Ion:128 Resp: 1169197

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.949 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048707.D

Acq: 27 May 2022 20:33

Tgt Ion:180 Resp: 250035

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 33.6 16.6 49.8

