

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048848.D
 Acq On : 03 Jun 2022 11:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 04:33:15 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	234192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	388495	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	357191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	184868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183191	52.086	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.180%
35) Dibromofluoromethane	5.288	113	145765	52.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	7.899	98	512267	51.561	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.120%
62) 4-Bromofluorobenzene	10.632	95	197446	52.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	124843	46.566	ug/l	99
3) Chloromethane	1.520	50	165881	48.064	ug/l	98
4) Vinyl Chloride	1.604	62	161041	50.380	ug/l	99
5) Bromomethane	1.848	94	112862	64.772	ug/l	100
6) Chloroethane	1.919	64	90810	51.830	ug/l	98
7) Trichlorofluoromethane	2.131	101	217492	47.641	ug/l	98
8) Diethyl Ether	2.375	74	86185	51.158	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	128307	51.344	ug/l	97
10) Methyl Iodide	2.719	142	184722	49.778	ug/l	97
11) Tert butyl alcohol	3.192	59	136714	153.321	ug/l #	40
12) 1,1-Dichloroethene	2.575	96	120302	50.471	ug/l	97
13) Acrolein	2.485	56	74939	253.670	ug/l	96
14) Allyl chloride	2.919	41	251564	54.490	ug/l	97
15) Acrylonitrile	3.314	53	559043	289.074	ug/l	100
16) Acetone	2.629	43	554592	309.411	ug/l	99
17) Carbon Disulfide	2.787	76	296112	42.555	ug/l	100
18) Methyl Acetate	2.948	43	252809	56.176	ug/l	98
19) Methyl tert-butyl Ether	3.362	73	503464	55.667	ug/l	99
20) Methylene Chloride	3.041	84	155110	50.889	ug/l	97
21) trans-1,2-Dichloroethene	3.350	96	130097	47.715	ug/l	93
22) Diisopropyl ether	3.989	45	508815	59.748	ug/l	94
23) Vinyl Acetate	3.954	43	2227598	301.911	ug/l	99
24) 1,1-Dichloroethane	3.867	63	286580	53.582	ug/l	99
25) 2-Butanone	4.703	43	799274	310.402	ug/l	100
26) 2,2-Dichloropropane	4.665	77	242818	50.605	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	161858	51.287	ug/l	100
28) Bromochloromethane	4.973	49	123674	58.952	ug/l	96
29) Tetrahydrofuran	5.050	42	487644	300.653	ug/l	96
30) Chloroform	5.089	83	282313	52.753	ug/l	99
31) Cyclohexane	5.385	56	229340	51.742	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	243314	50.114	ug/l	99
36) 1,1-Dichloropropene	5.526	75	192793	47.661	ug/l	99
37) Ethyl Acetate	4.803	43	275244	53.824	ug/l	99
38) Carbon Tetrachloride	5.523	117	206932	44.590	ug/l	97
39) Methylcyclohexane	6.764	83	230997	54.462	ug/l	98
40) Benzene	5.774	78	577465	48.354	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	148258	57.372	ug/l	99
42) 1,2-Dichloroethane	5.793	62	224631	48.051	ug/l	99
43) Isopropyl Acetate	5.912	43	403275	54.334	ug/l	99
44) Trichloroethene	6.542	130	146142	47.499	ug/l	98
45) 1,2-Dichloropropane	6.790	63	171886	57.171	ug/l	99
46) Dibromomethane	6.919	93	114366	50.915	ug/l	98
47) Bromodichloromethane	7.105	83	227783	50.146	ug/l	99
48) Methyl methacrylate	6.960	41	196489	58.971	ug/l	97
49) 1,4-Dioxane	6.986	88	100491	1349.155	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	1481172	307.336	ug/l	99
52) Toluene	7.970	92	371699	52.035	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	252148	51.459	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	266318	52.450	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	160369	50.869	ug/l	99
56) Ethyl methacrylate	8.333	69	266874	53.383	ug/l	98
57) 1,3-Dichloropropane	8.574	76	278281	52.446	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	273535	243.688	ug/l	96
59) 2-Hexanone	8.687	43	1168661	295.371	ug/l	99
60) Dibromochloromethane	8.812	129	173441	49.079	ug/l	99
61) 1,2-Dibromoethane	8.925	107	168424	48.510	ug/l	97
64) Tetrachloroethene	8.555	164	125319	50.537	ug/l	97
65) Chlorobenzene	9.446	112	394070	52.163	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	154908	54.021	ug/l	98
67) Ethyl Benzene	9.571	91	703548	55.216	ug/l	98
68) m/p-Xylenes	9.693	106	551985	110.765	ug/l	99
69) o-Xylene	10.102	106	273845	55.933	ug/l	98
70) Styrene	10.115	104	452062	56.135	ug/l	99
71) Bromoform	10.295	173	139249	52.521	ug/l #	99
73) Isopropylbenzene	10.484	105	716000	59.992	ug/l	99
74) N-amyl acetate	10.320	43	365359	59.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	299338	61.459	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	345570	57.976	ug/l	98
77) Bromobenzene	10.783	156	173733	54.202	ug/l	96
78) n-propylbenzene	10.906	91	836678	58.832	ug/l	99
79) 2-Chlorotoluene	10.986	91	510805	57.757	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	622385	59.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	91254	55.587	ug/l	97
82) 4-Chlorotoluene	11.095	91	585363	57.366	ug/l	100
83) tert-Butylbenzene	11.420	119	618104	62.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	623075	55.567	ug/l	99
85) sec-Butylbenzene	11.645	105	777283	62.372	ug/l	99
86) p-Isopropyltoluene	11.793	119	665957	62.228	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	332174	52.857	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	334964	51.591	ug/l	99
89) n-Butylbenzene	12.208	91	568796	52.963	ug/l	99
90) Hexachloroethane	12.475	117	115209	52.749	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	337470	53.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	75587	53.900	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	212817	51.084	ug/l	100
94) Hexachlorobutadiene	14.021	225	110148	55.161	ug/l	98
95) Naphthalene	14.085	128	729423	50.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	222983	54.040	ug/l	99

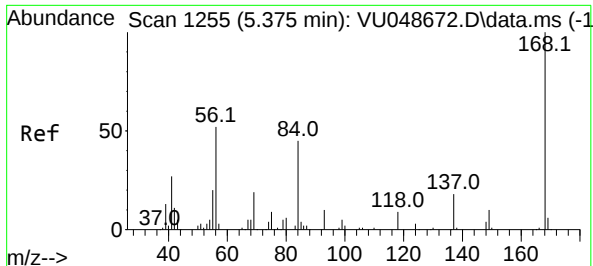
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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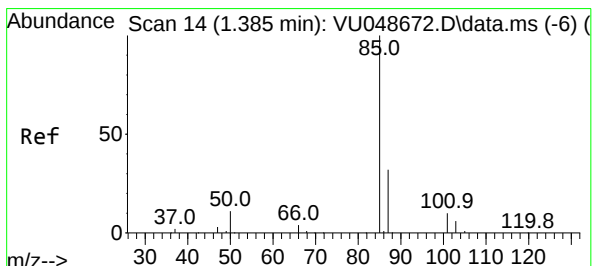
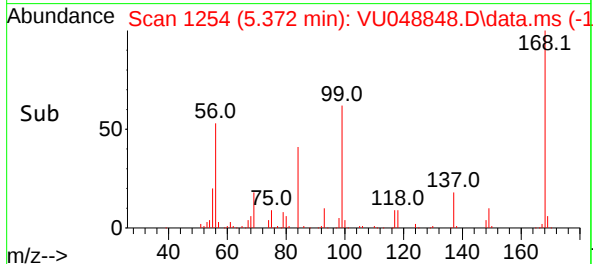
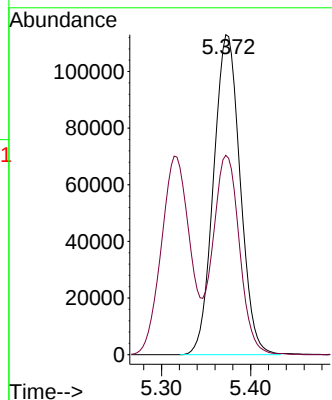
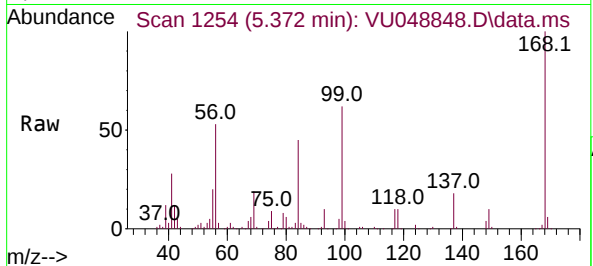
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
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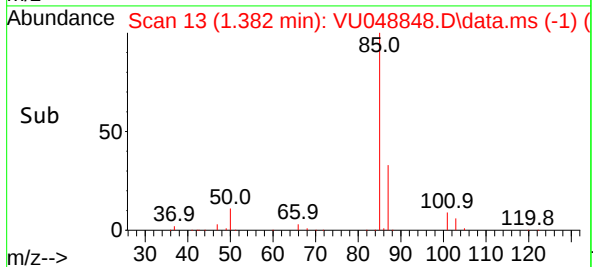
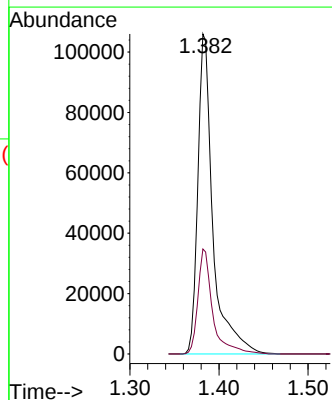
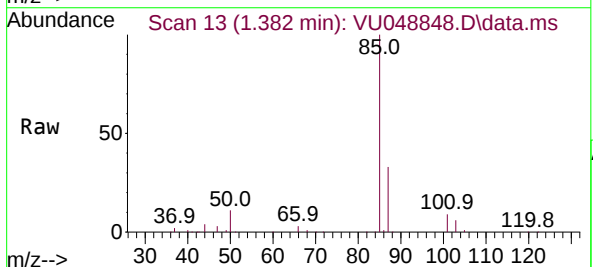
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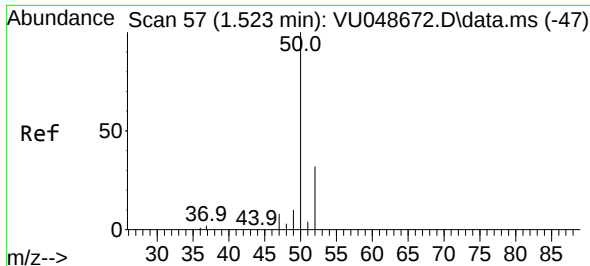
Tgt Ion:168 Resp: 234192
Ion Ratio Lower Upper
168 100
99 62.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 46.566 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 85 Resp: 124843
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

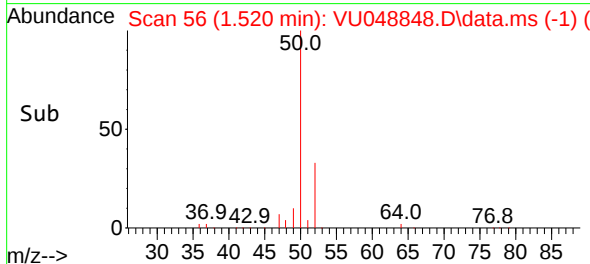
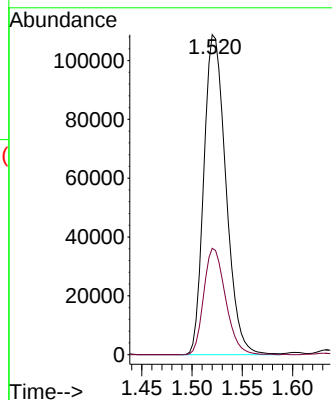
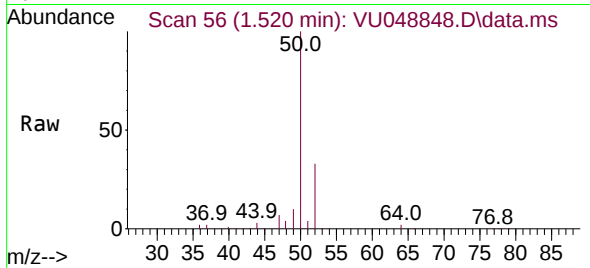




#3
Chloromethane
Concen: 48.064 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

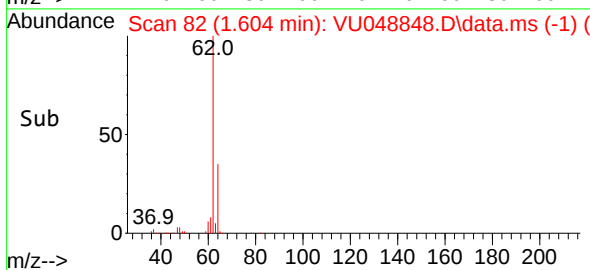
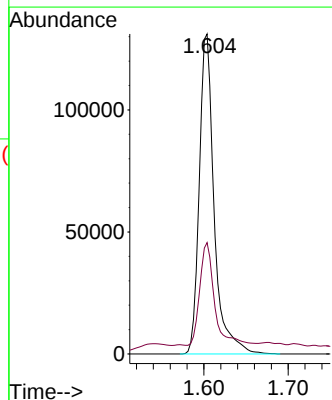
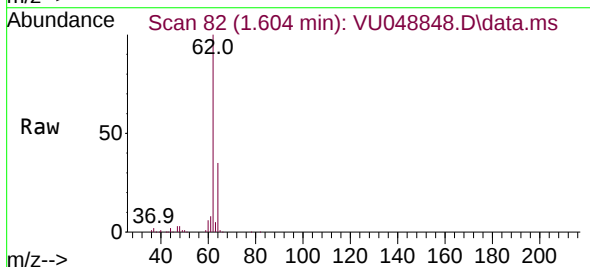
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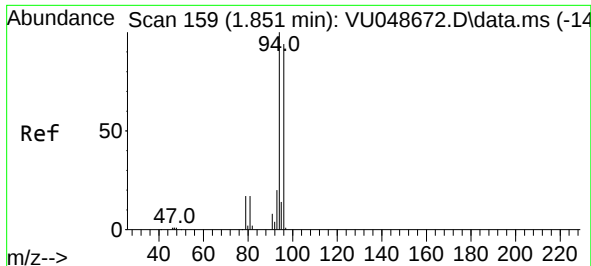
Tgt Ion: 50 Resp: 165881
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 50.380 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 62 Resp: 161041
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

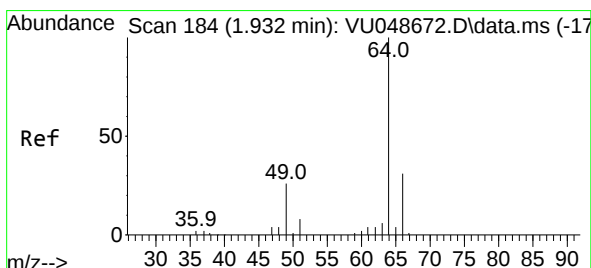
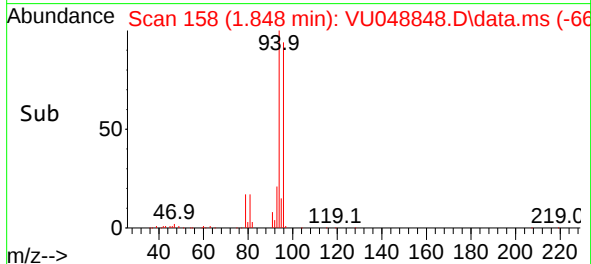
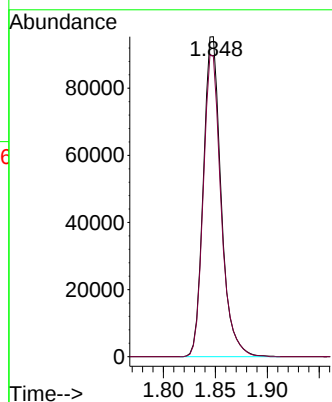
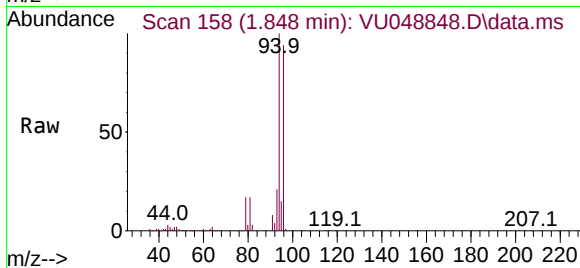




#5
Bromomethane
Concen: 64.772 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048848.D
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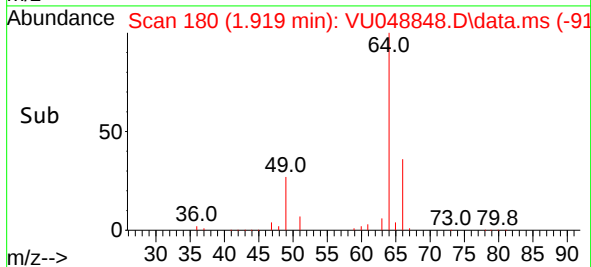
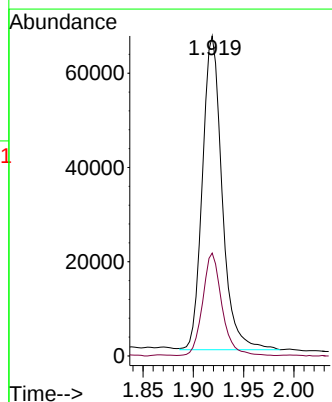
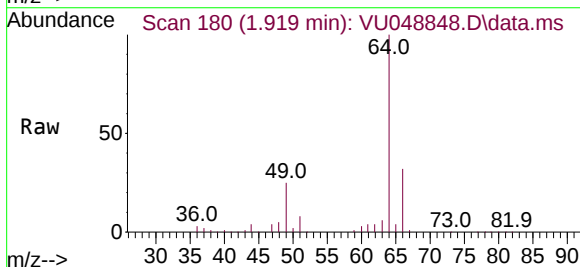
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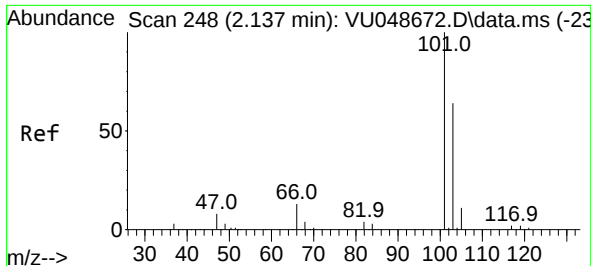
Tgt Ion: 94 Resp: 112862
Ion Ratio Lower Upper
94 100
96 94.0 75.1 112.7



#6
Chloroethane
Concen: 51.830 ug/l
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 64 Resp: 90810
Ion Ratio Lower Upper
64 100
66 32.6 25.2 37.8

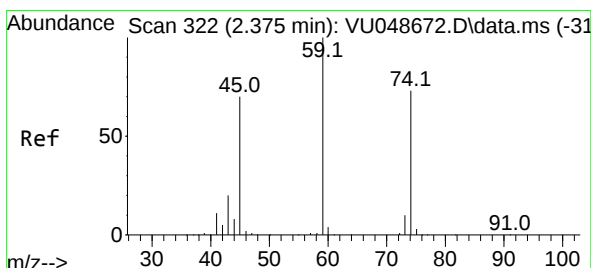
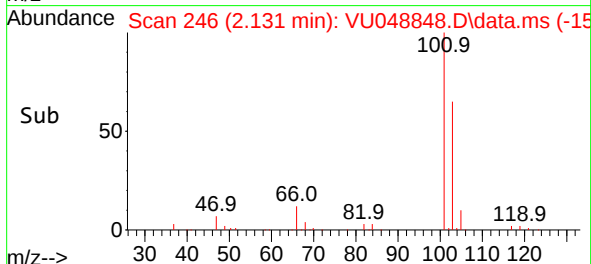
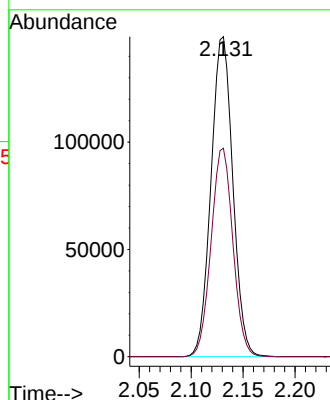
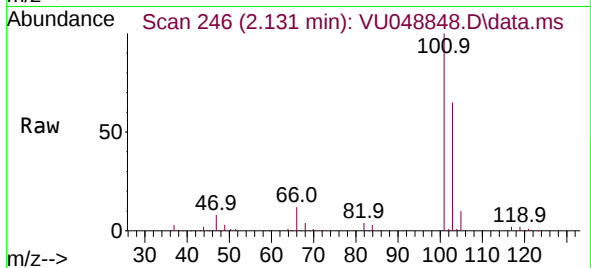




#7
 Trichlorofluoromethane
 Concen: 47.641 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU048848.D
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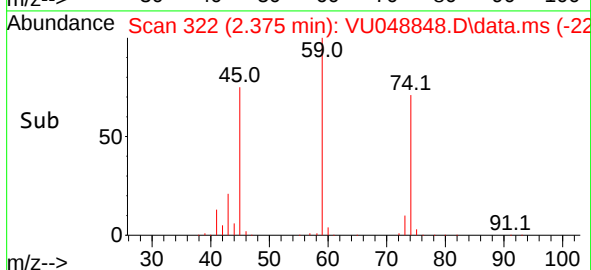
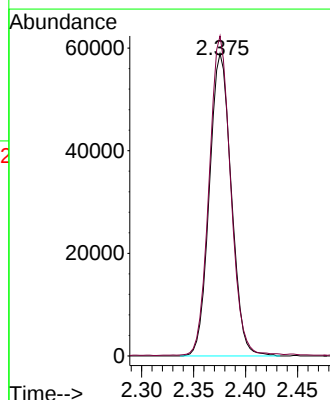
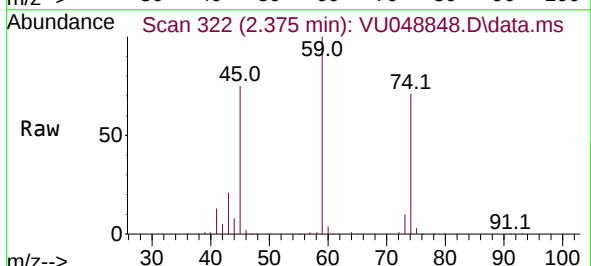
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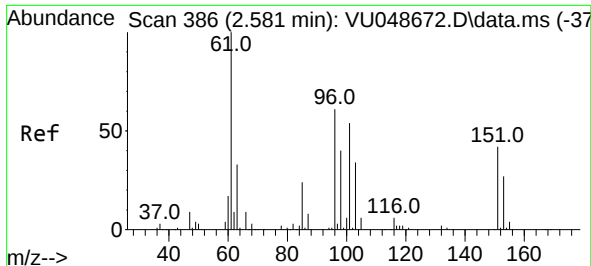
Tgt Ion:101 Resp: 217492
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.0 76.4



#8
 Diethyl Ether
 Concen: 51.158 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048848.D
 Acq: 03 Jun 2022 11:04

Tgt Ion: 74 Resp: 86185
 Ion Ratio Lower Upper
 74 100
 45 104.2 47.7 143.1

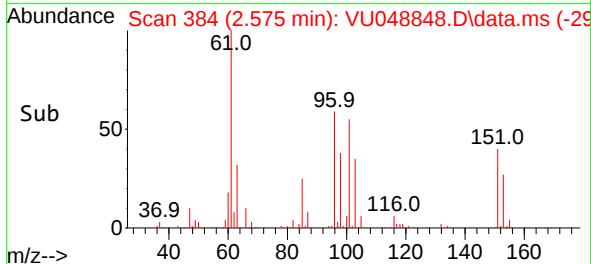
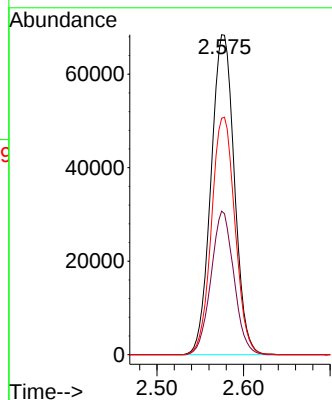
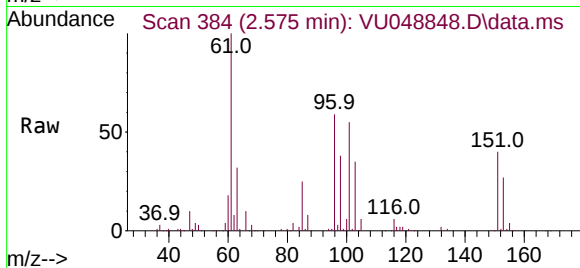




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.344 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU048848.D
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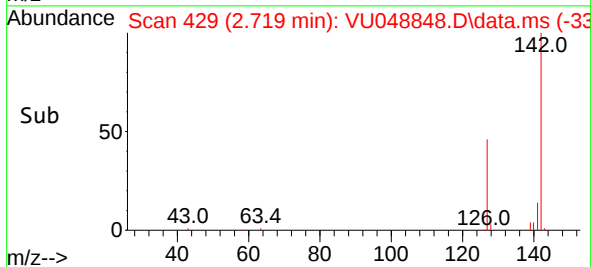
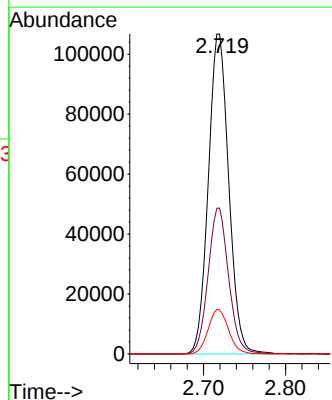
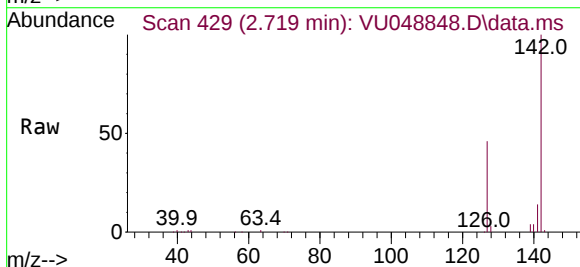
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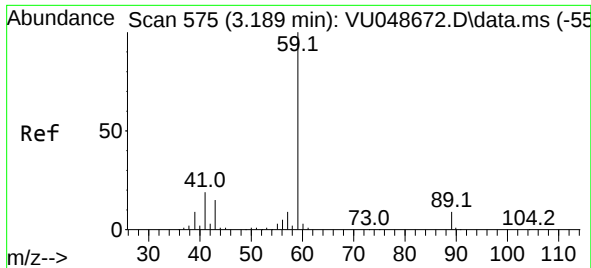
Tgt Ion:101 Resp: 128307
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.2
151 74.7 62.5 93.7



#10
Methyl Iodide
Concen: 49.778 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:142 Resp: 184722
Ion Ratio Lower Upper
142 100
127 45.9 38.4 57.6
141 13.9 11.5 17.3

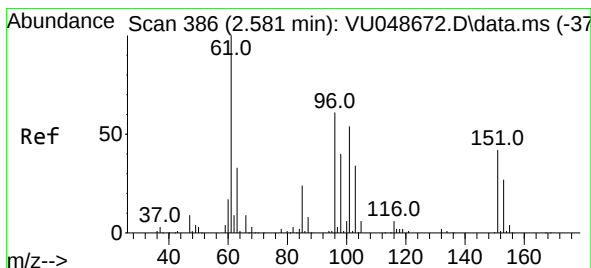
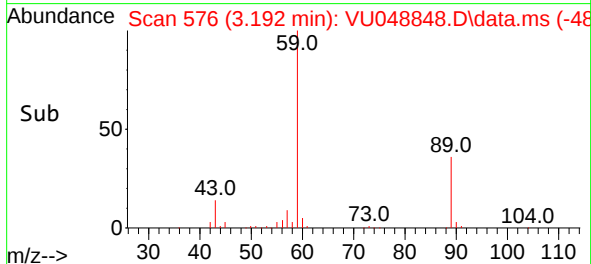
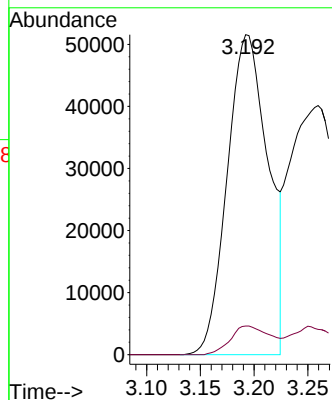
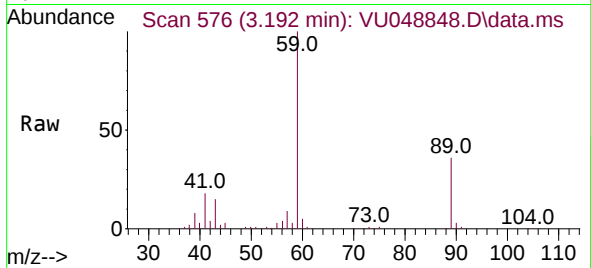




#11
Tert butyl alcohol
Concen: 153.321 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

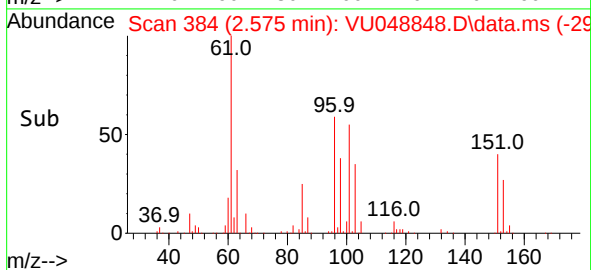
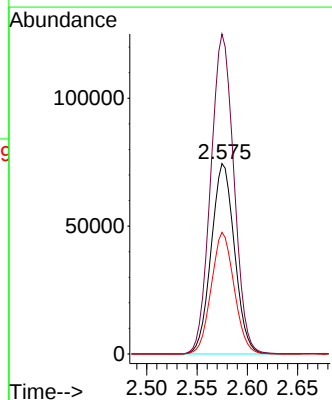
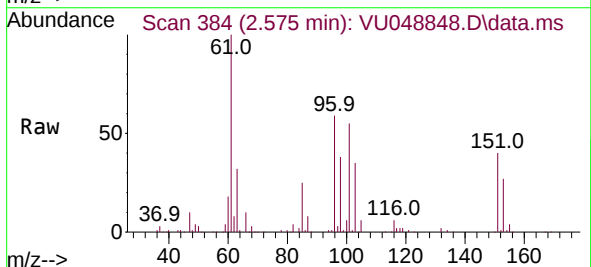
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 136714
Ion Ratio Lower Upper
59 100
57 8.7 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 50.471 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 96 Resp: 120302
Ion Ratio Lower Upper
96 100
61 168.1 131.1 196.7
98 63.8 51.8 77.8

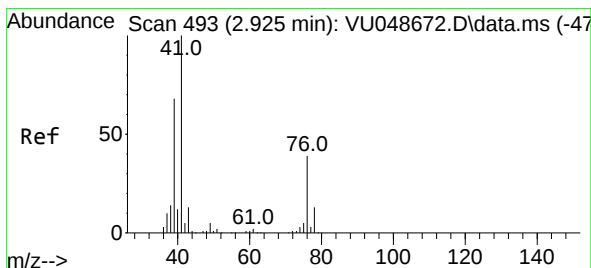
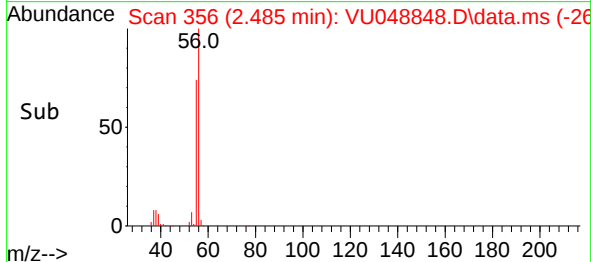
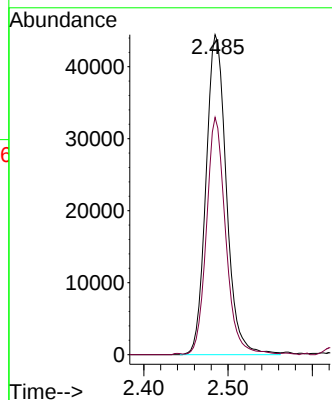
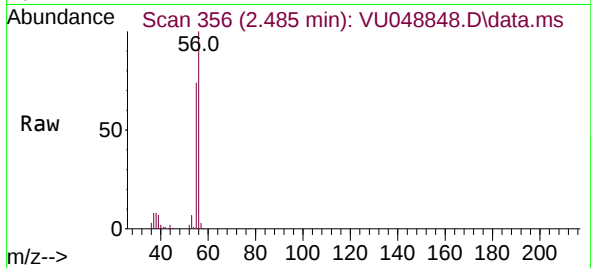




#13
Acrolein
Concen: 253.670 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

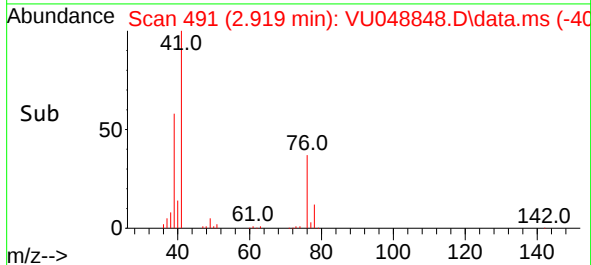
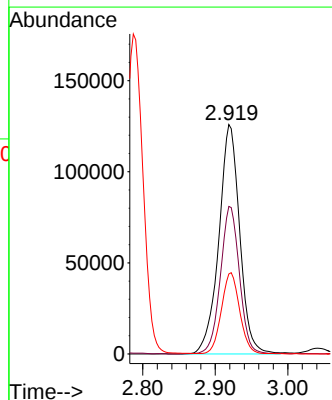
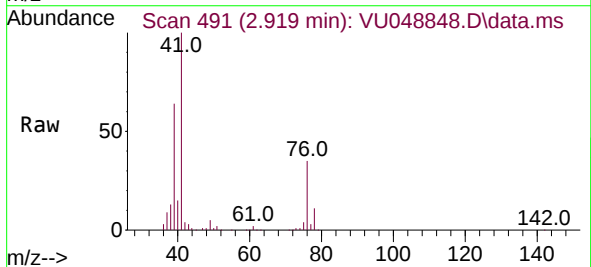
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

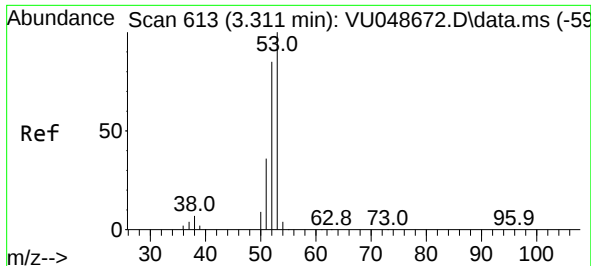
Tgt Ion: 56 Resp: 74939
Ion Ratio Lower Upper
56 100
55 69.0 57.7 86.5



#14
Allyl chloride
Concen: 54.490 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.006 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 41 Resp: 251564
Ion Ratio Lower Upper
41 100
39 58.7 48.6 72.8
76 30.9 27.0 40.4

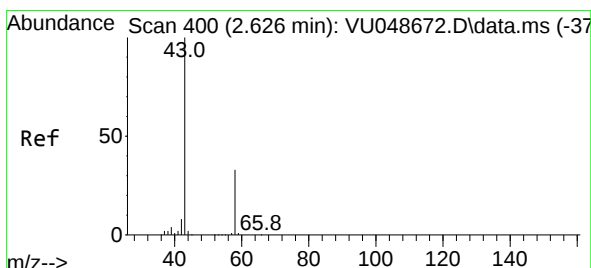
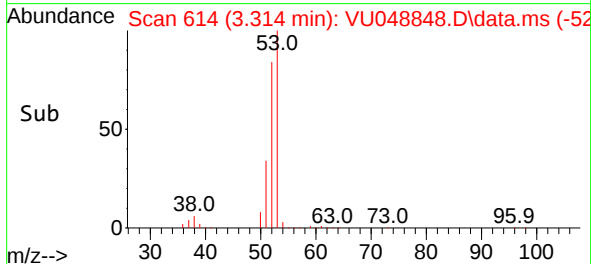
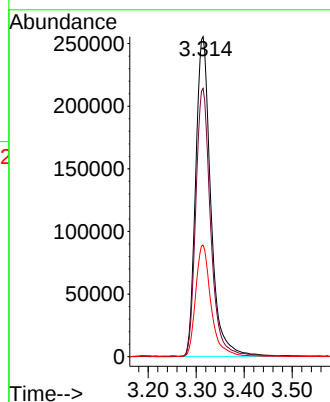
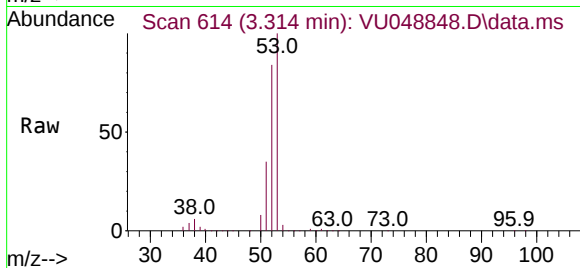




#15
Acrylonitrile
Concen: 289.074 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

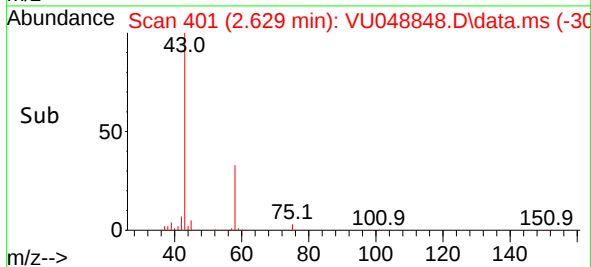
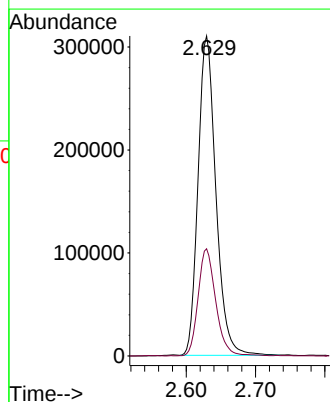
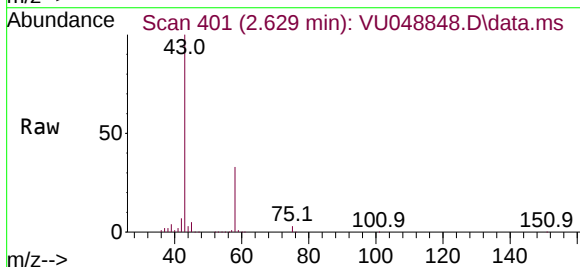
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

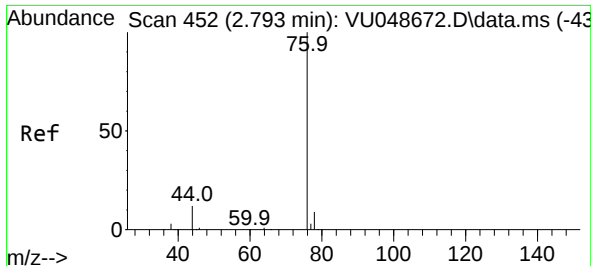
Tgt Ion: 53 Resp: 559043
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 35.2 28.6 42.8



#16
Acetone
Concen: 309.411 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 43 Resp: 554592
Ion Ratio Lower Upper
43 100
58 33.5 26.3 39.5

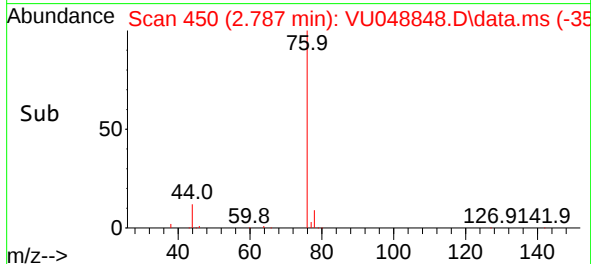
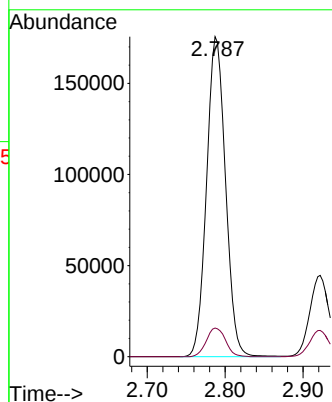
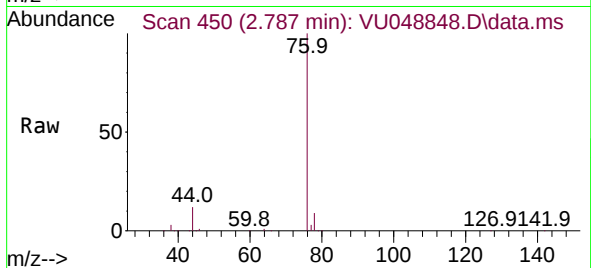




#17
Carbon Disulfide
Concen: 42.555 ug/l
RT: 2.787 min Scan# 411
Delta R.T. -0.006 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

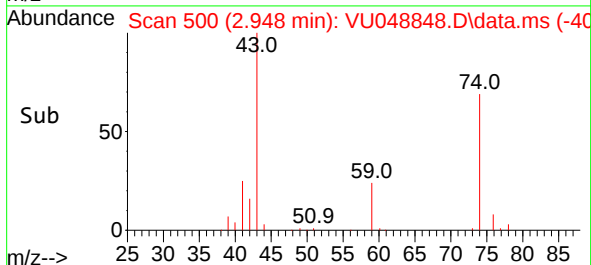
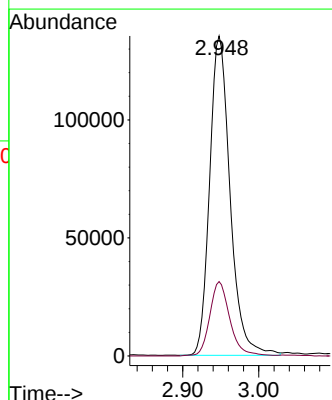
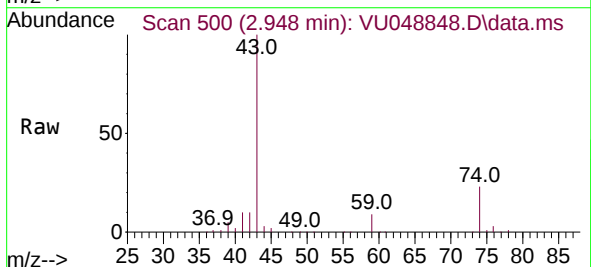
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

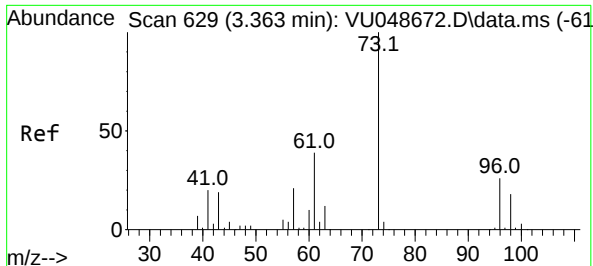
Tgt Ion: 76 Resp: 296112
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 56.176 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 43 Resp: 252809
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8

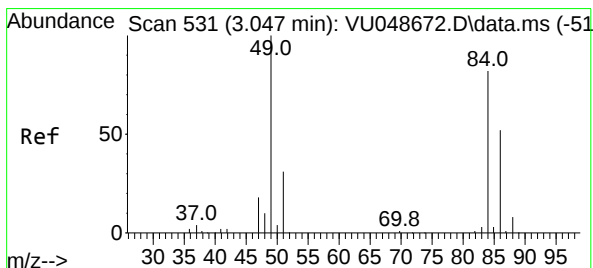
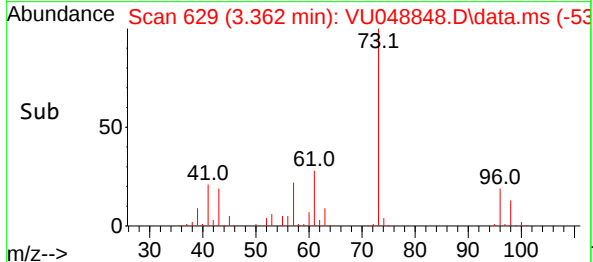
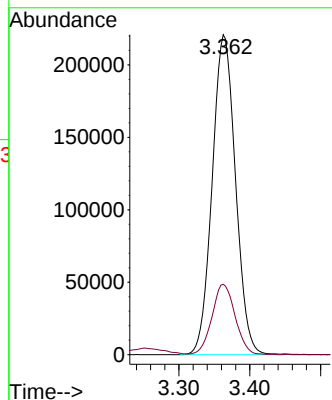
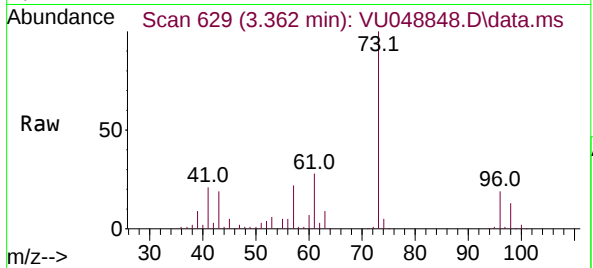




#19
Methyl tert-butyl Ether
Concen: 55.667 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

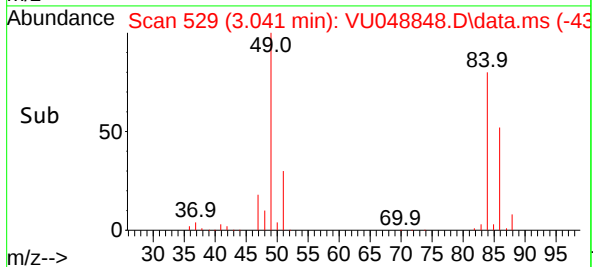
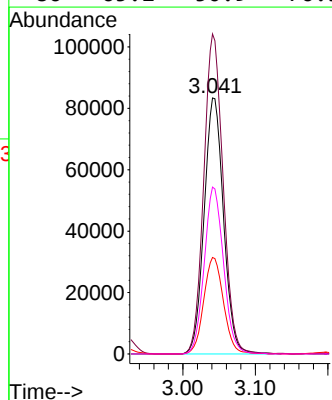
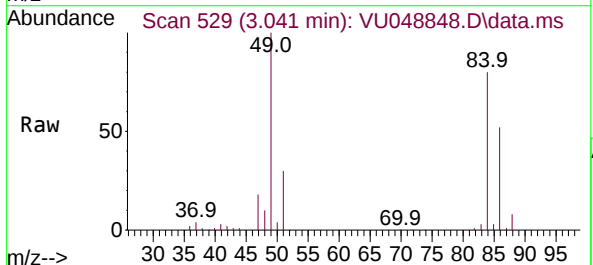
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

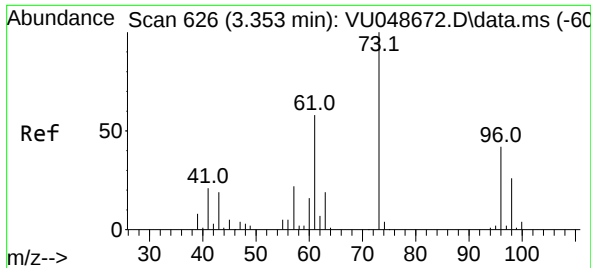
Tgt Ion: 73 Resp: 503464
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 50.889 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 84 Resp: 155110
Ion Ratio Lower Upper
84 100
49 125.0 97.0 145.4
51 37.7 29.8 44.8
86 65.2 50.9 76.3

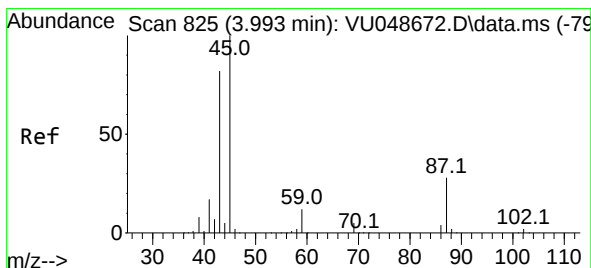
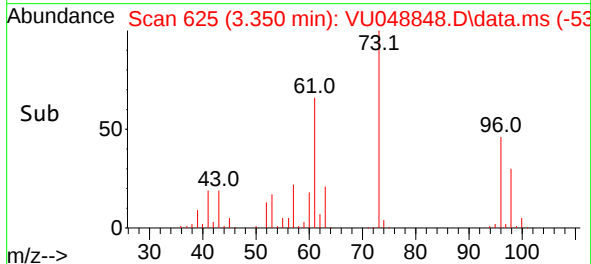
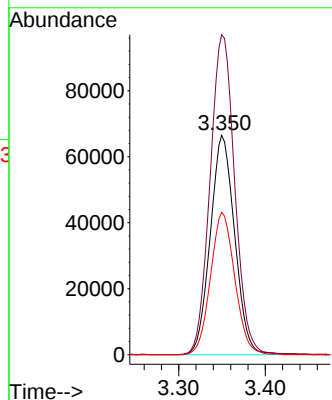
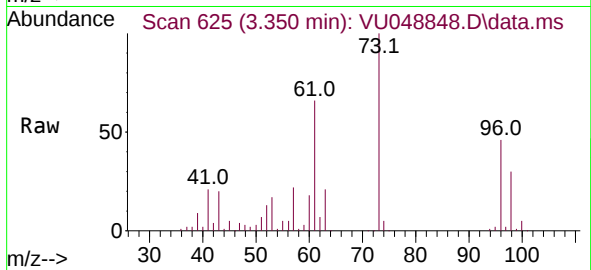




#21
trans-1,2-Dichloroethene
Concen: 47.715 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

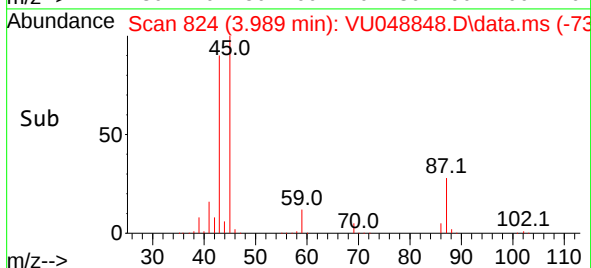
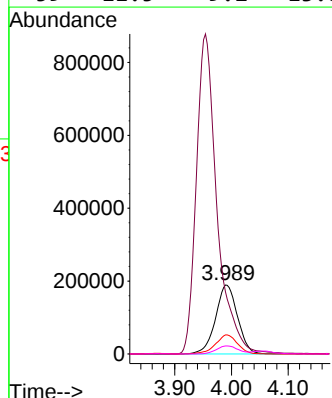
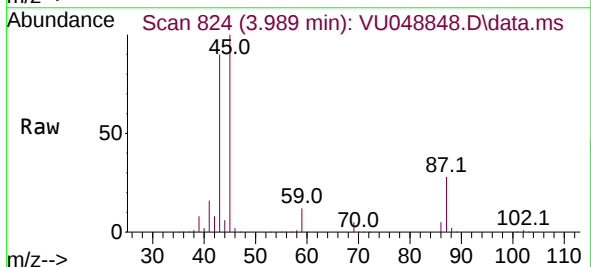
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

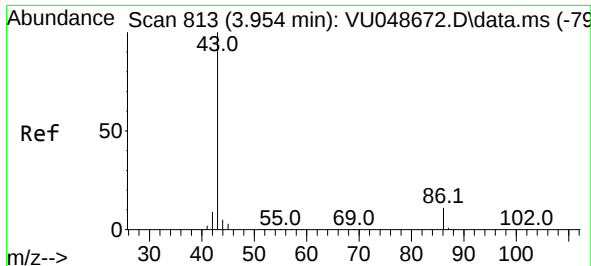
Tgt Ion: 96 Resp: 130097
Ion Ratio Lower Upper
96 100
61 145.7 109.4 164.2
98 64.8 48.9 73.3



#22
Diisopropyl ether
Concen: 59.748 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 45 Resp: 508815
Ion Ratio Lower Upper
45 100
43 89.2 65.2 97.8
87 27.7 22.7 34.1
59 11.5 9.2 13.8

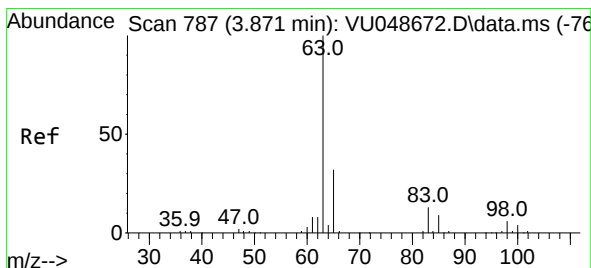
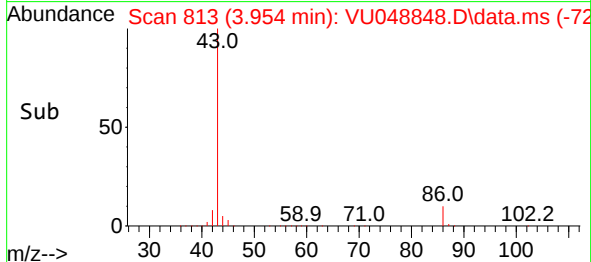
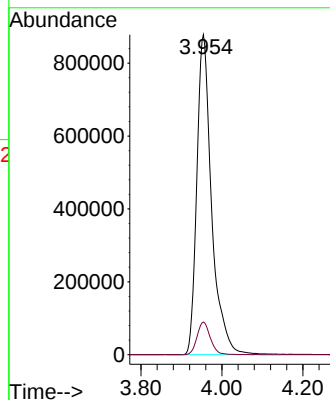
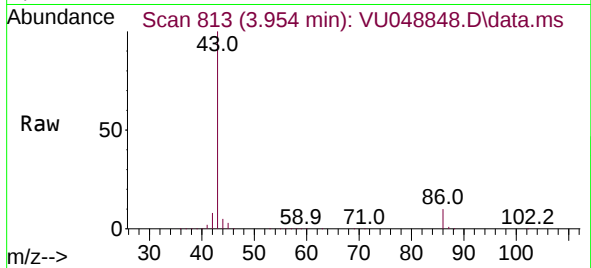




#23
 Vinyl Acetate
 Concen: 301.911 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048848.D
 Acq: 03 Jun 2022 11:04

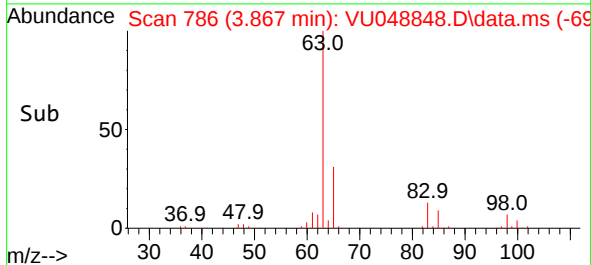
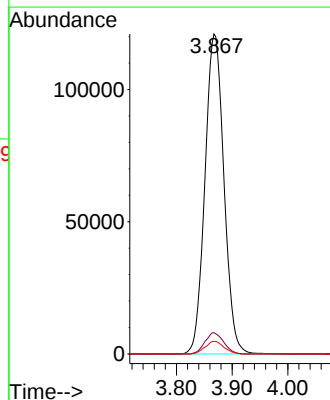
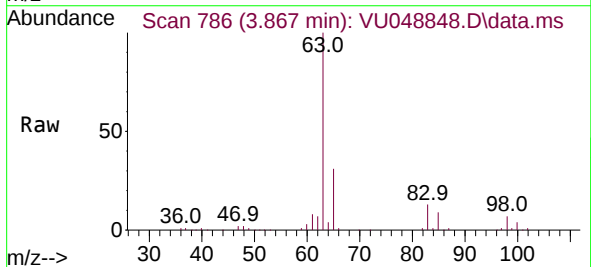
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

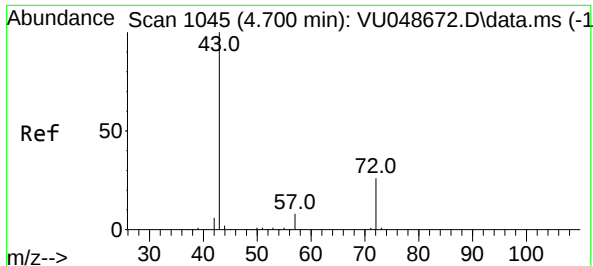
Tgt Ion: 43 Resp: 2227598
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 53.582 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048848.D
 Acq: 03 Jun 2022 11:04

Tgt Ion: 63 Resp: 286580
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 310.402 ug/l

RT: 4.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

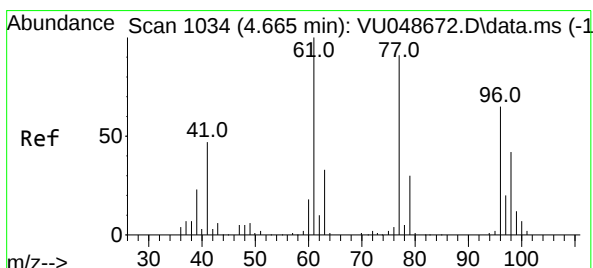
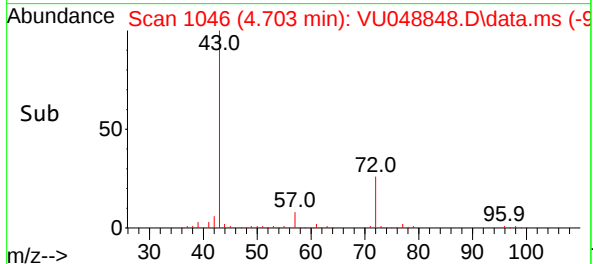
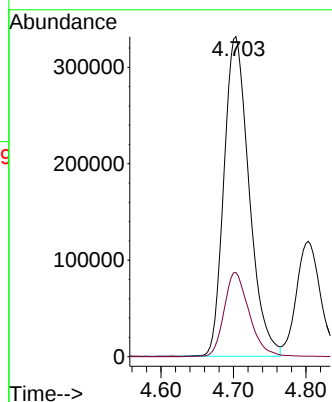
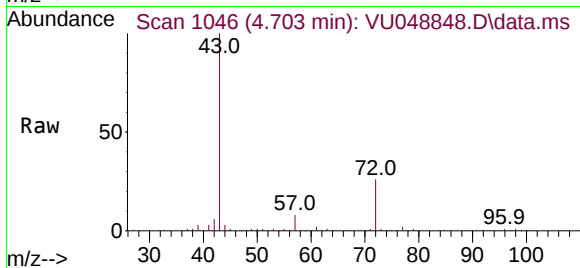
VSTDCCC050

Tgt Ion: 43 Resp: 799274

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 50.605 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048848.D

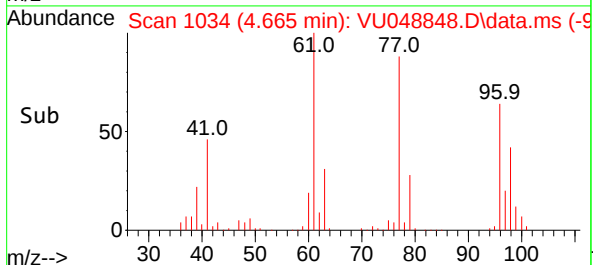
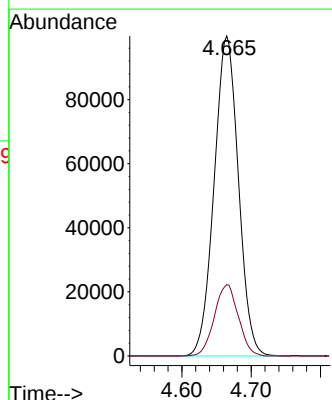
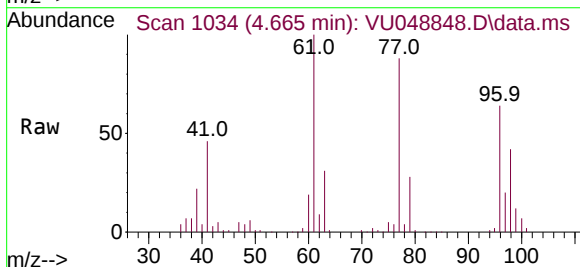
Acq: 03 Jun 2022 11:04

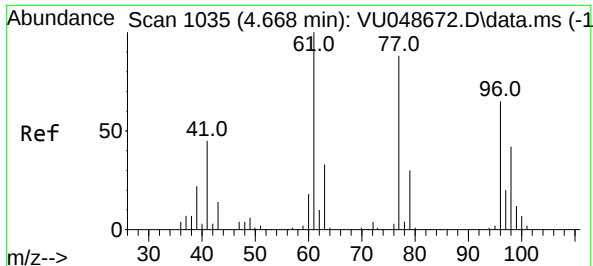
Tgt Ion: 77 Resp: 242818

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.287 ug/l

RT: 4.665 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

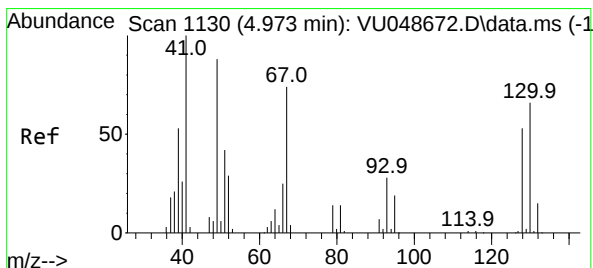
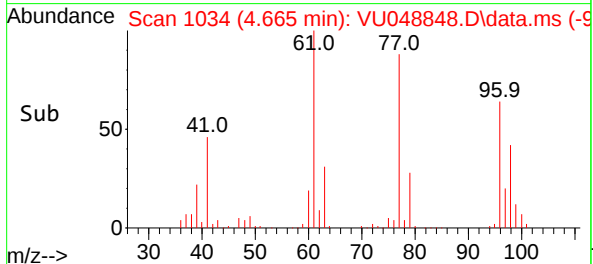
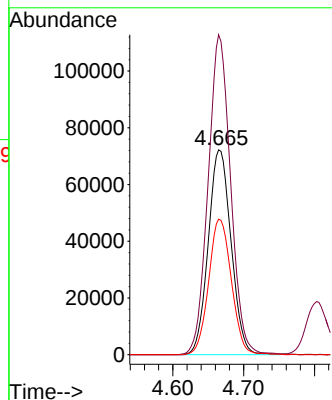
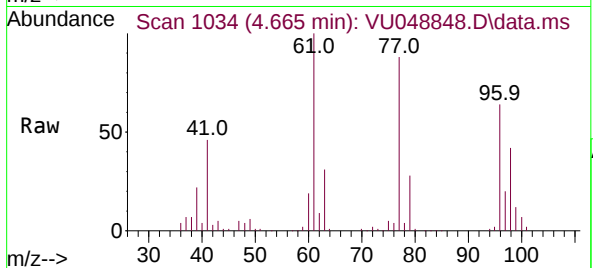
Tgt Ion: 96 Resp: 161858

Ion Ratio Lower Upper

96 100

61 153.6 0.0 306.2

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 58.952 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

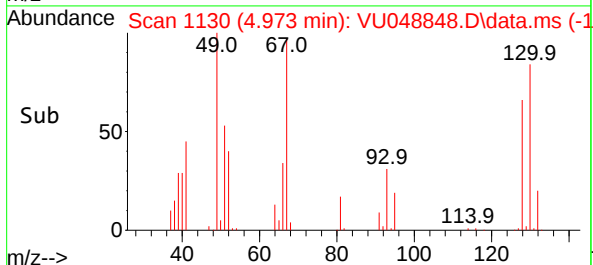
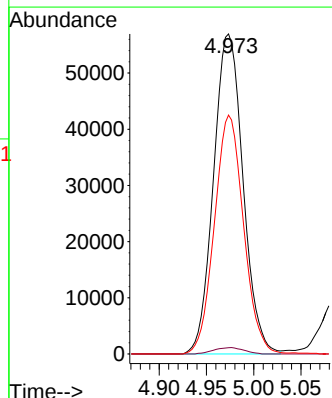
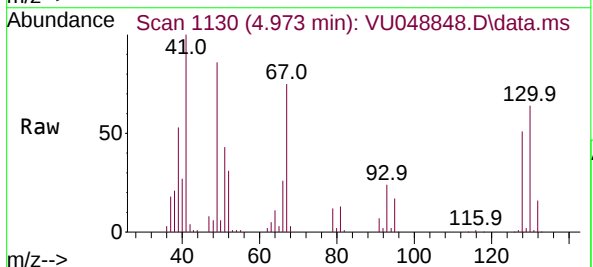
Tgt Ion: 49 Resp: 123674

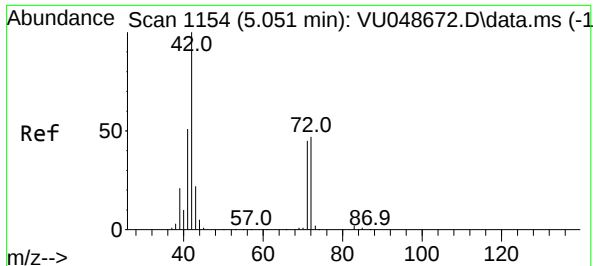
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.7 62.1 93.1





#29

Tetrahydrofuran

Concen: 300.653 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

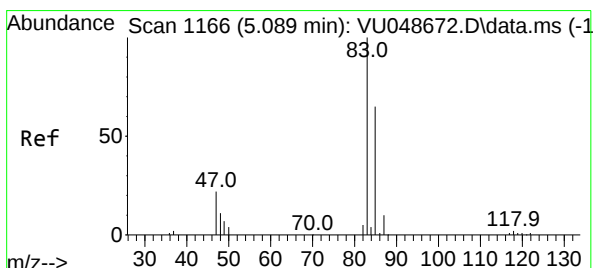
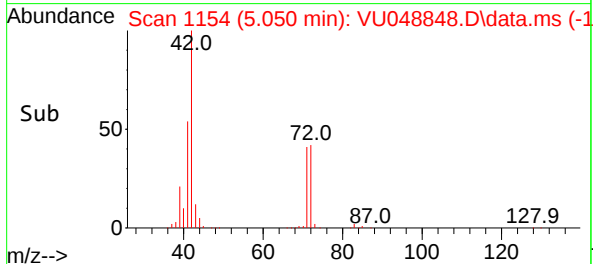
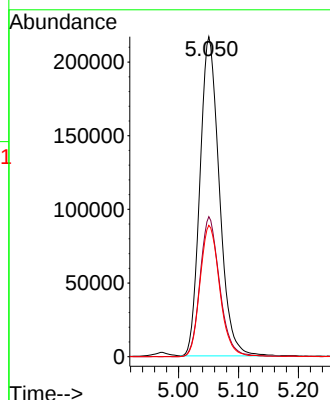
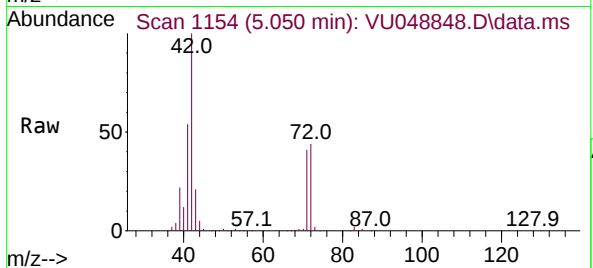
Tgt Ion: 42 Resp: 487644

Ion Ratio Lower Upper

42 100

72 44.3 37.6 56.4

71 41.6 35.0 52.4



#30

Chloroform

Concen: 52.753 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048848.D

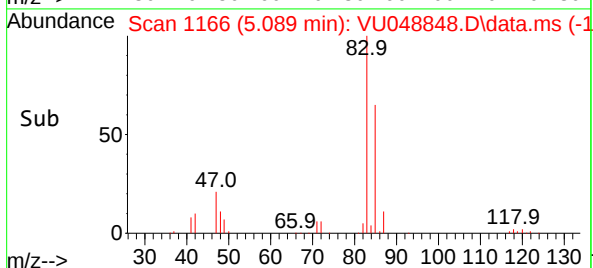
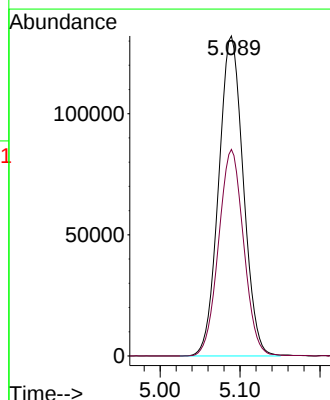
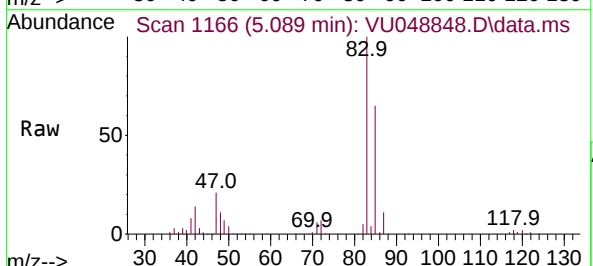
Acq: 03 Jun 2022 11:04

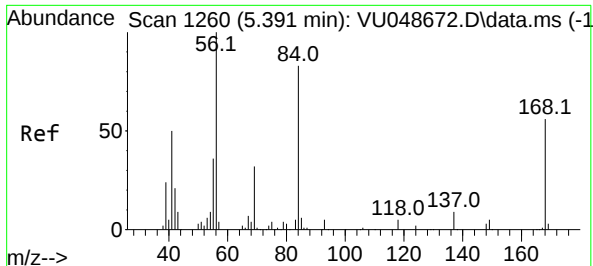
Tgt Ion: 83 Resp: 282313

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

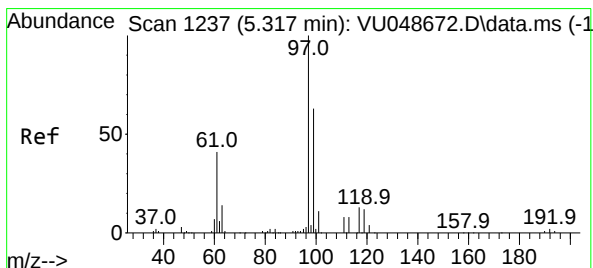
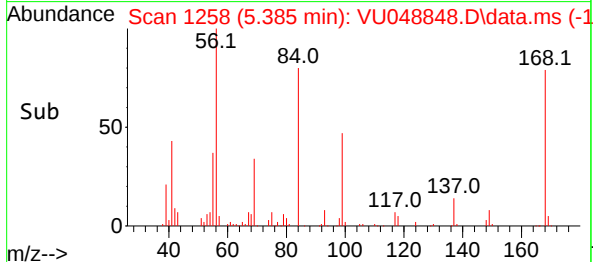
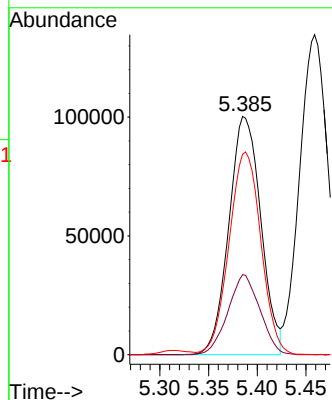
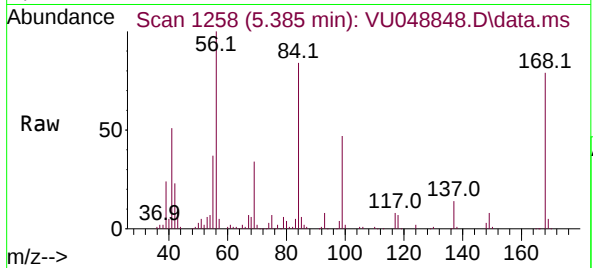




#31
Cyclohexane
Concen: 51.742 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

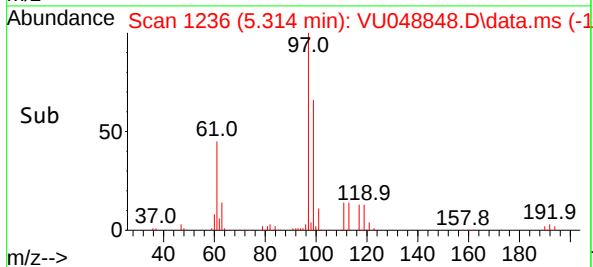
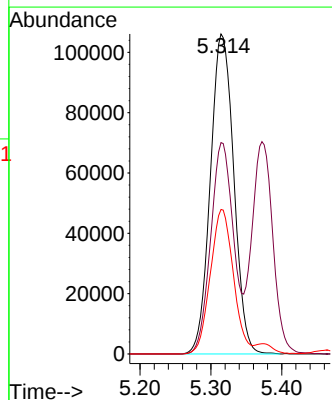
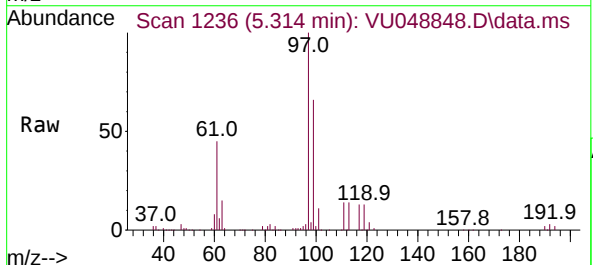
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

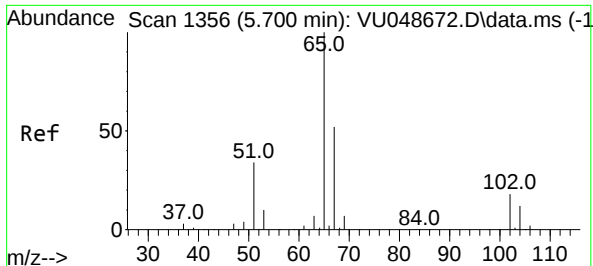
Tgt Ion: 56 Resp: 229340
Ion Ratio Lower Upper
56 100
69 33.6 25.6 38.4
84 82.5 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 50.114 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 97 Resp: 243314
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 44.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.086 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

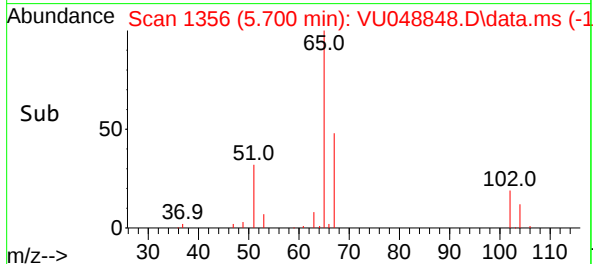
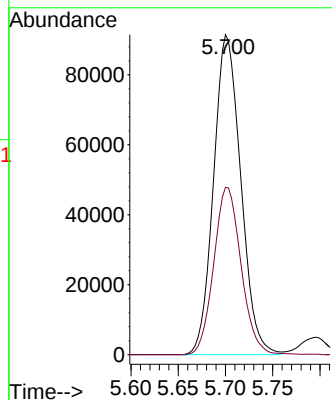
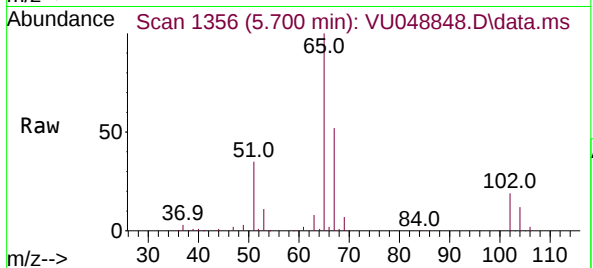
VSTDCCC050

Tgt Ion: 65 Resp: 183191

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

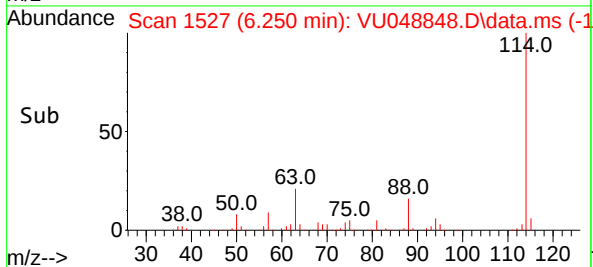
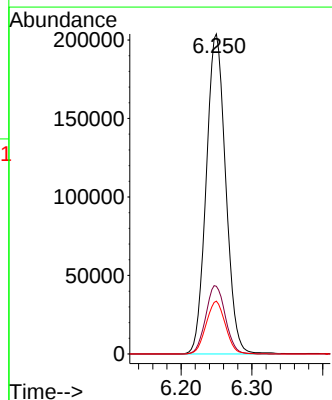
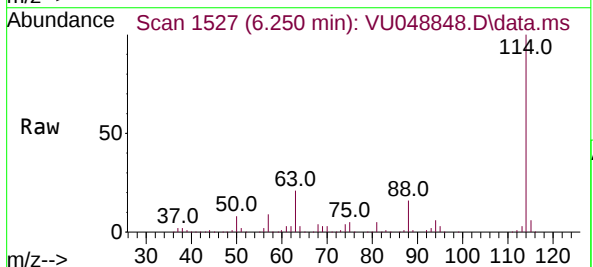
Tgt Ion: 114 Resp: 388495

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.592 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

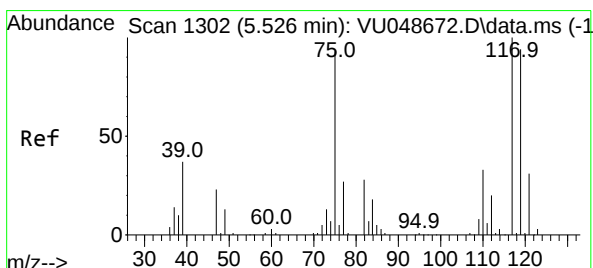
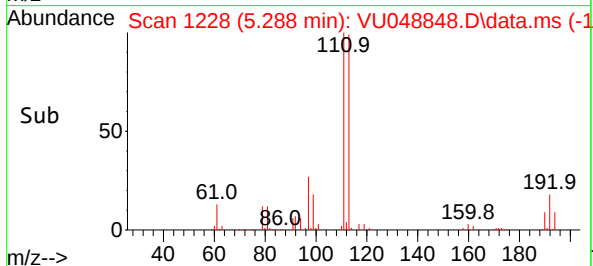
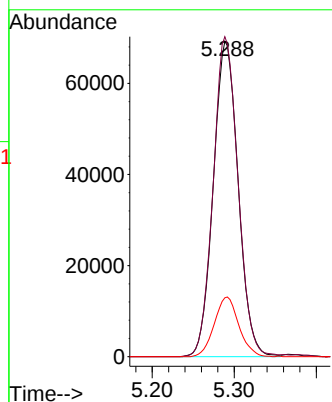
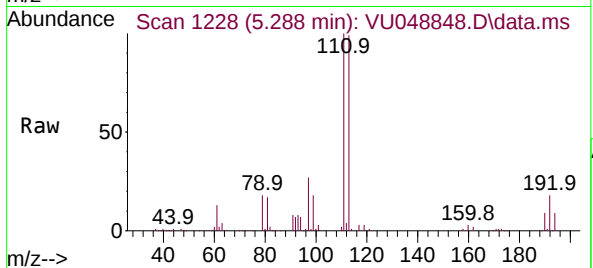
Tgt Ion:113 Resp: 145765

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.661 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

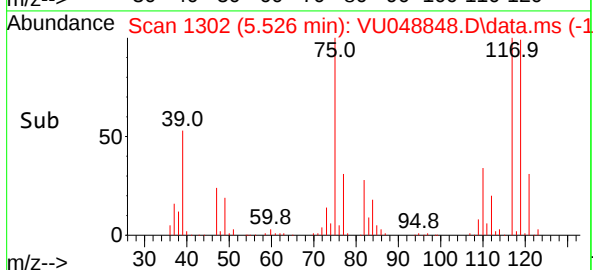
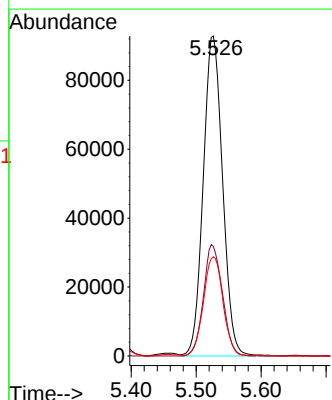
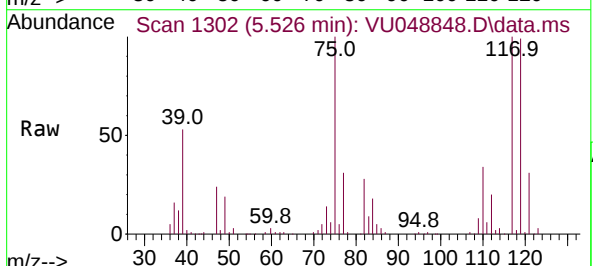
Tgt Ion: 75 Resp: 192793

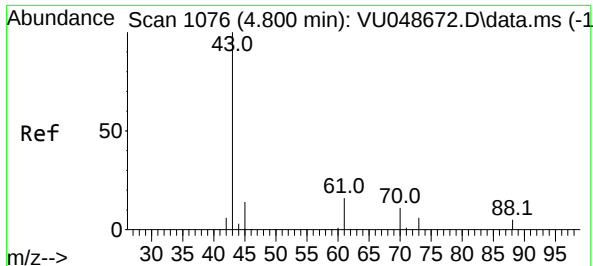
Ion Ratio Lower Upper

75 100

110 34.0 17.4 52.3

77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 53.824 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

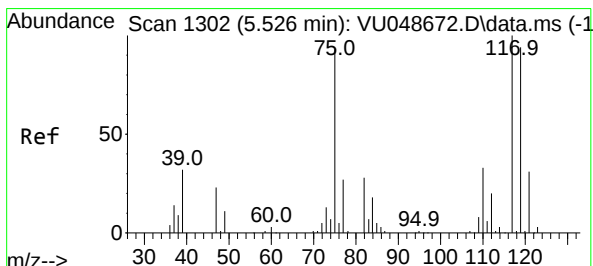
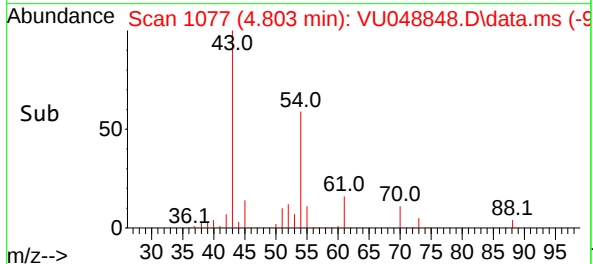
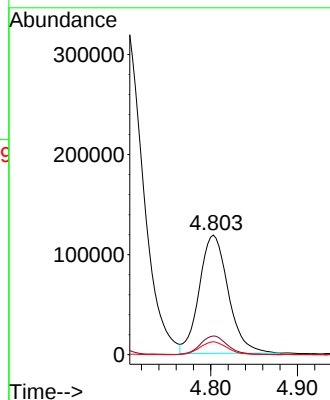
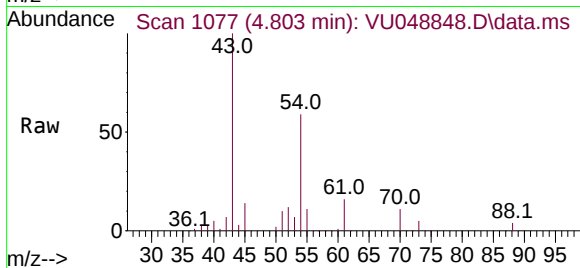
Tgt Ion: 43 Resp: 275244

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 10.4 8.4 12.6



#38

Carbon Tetrachloride

Concen: 44.590 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

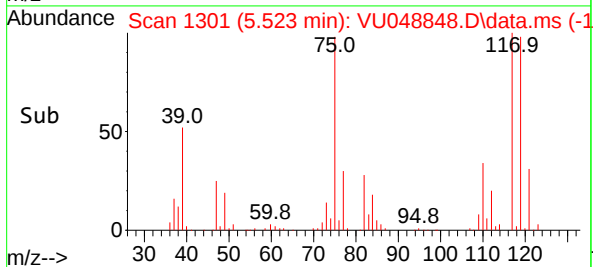
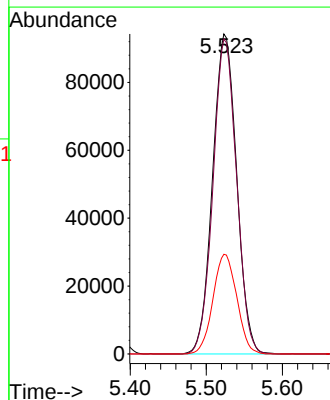
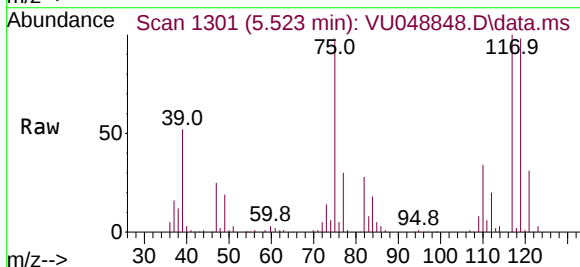
Tgt Ion: 117 Resp: 206932

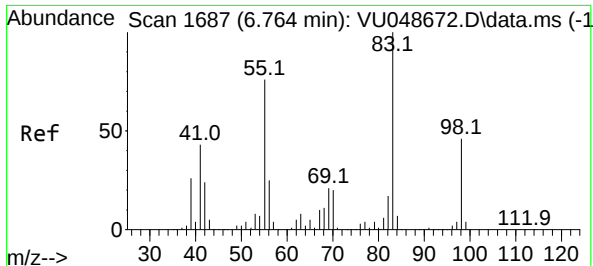
Ion Ratio Lower Upper

117 100

119 98.4 75.4 113.2

121 31.2 24.6 36.8





#39

Methylcyclohexane

Concen: 54.462 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

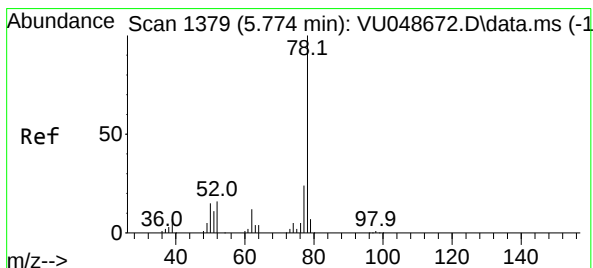
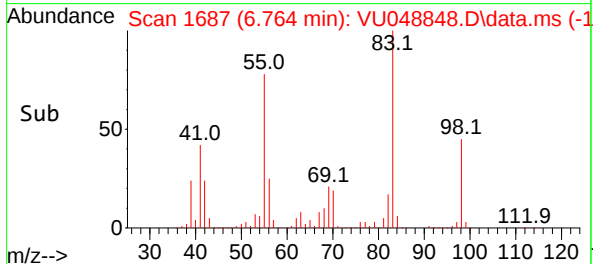
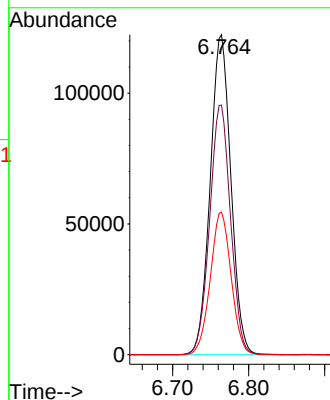
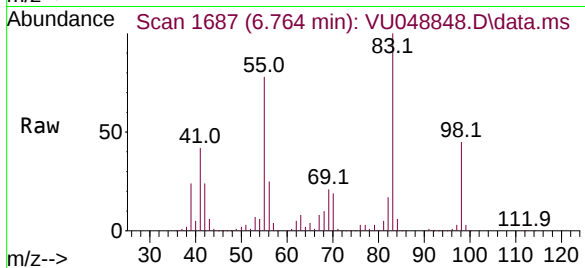
Tgt Ion: 83 Resp: 230997

Ion Ratio Lower Upper

83 100

55 78.0 61.0 91.6

98 44.6 36.8 55.2



#40

Benzene

Concen: 48.354 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048848.D

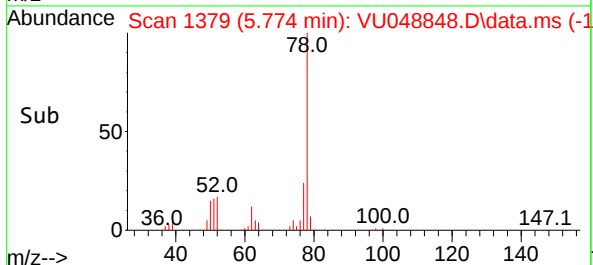
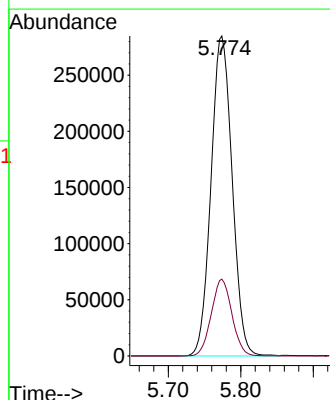
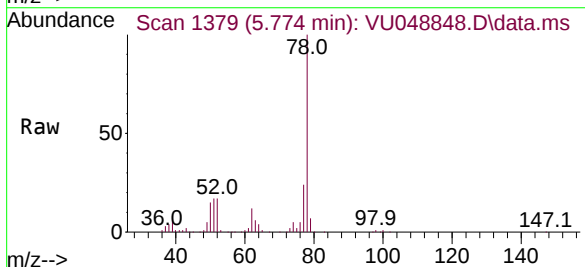
Acq: 03 Jun 2022 11:04

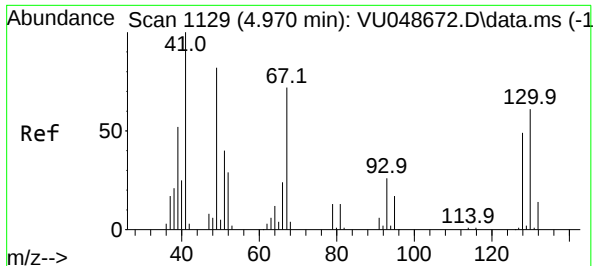
Tgt Ion: 78 Resp: 577465

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



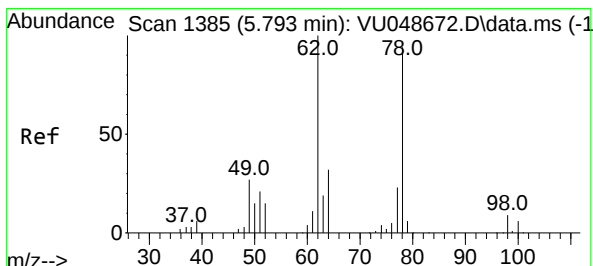
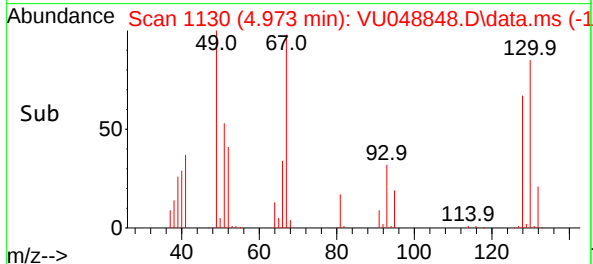
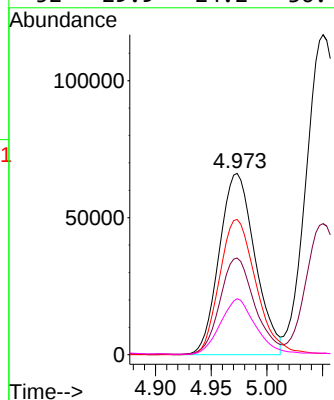
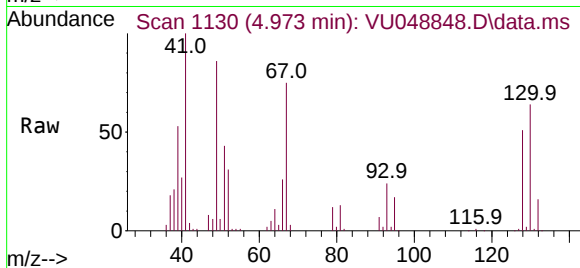


#41
Methacrylonitrile
Concen: 57.372 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 148258

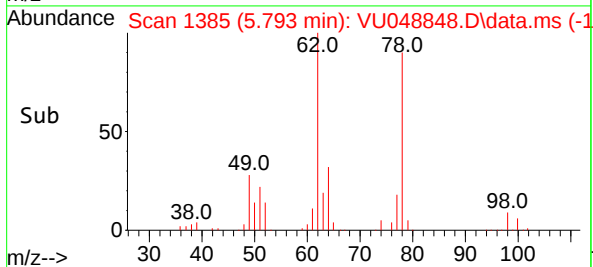
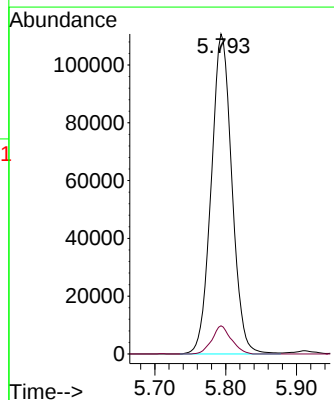
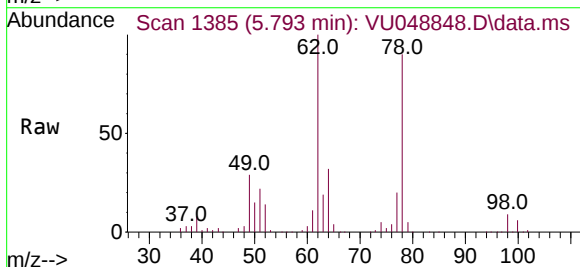
Ion	Ratio	Lower	Upper
41	100		
39	51.7	42.6	64.0
67	76.9	61.0	91.4
52	29.9	24.2	36.4

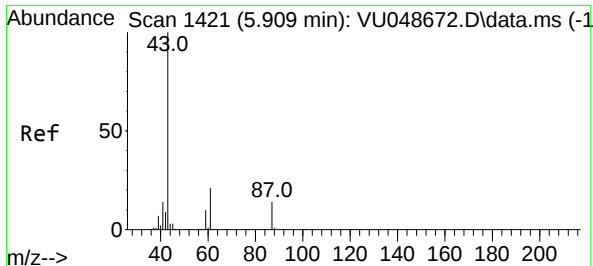


#42
1,2-Dichloroethane
Concen: 48.051 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 62 Resp: 224631

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0

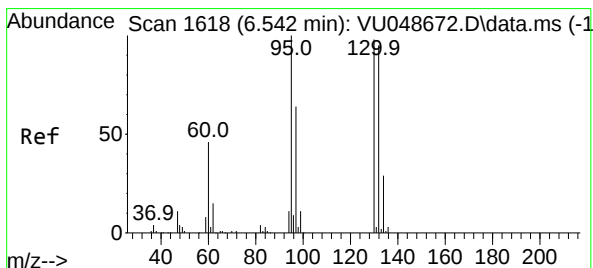
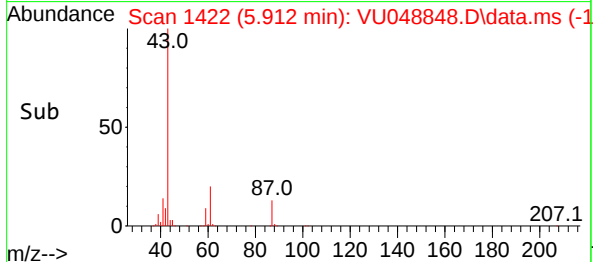
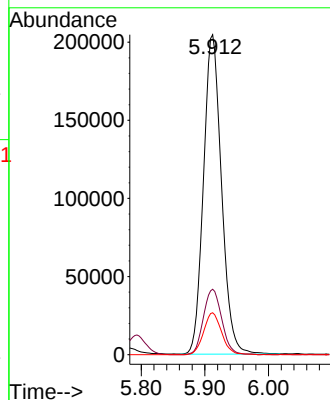
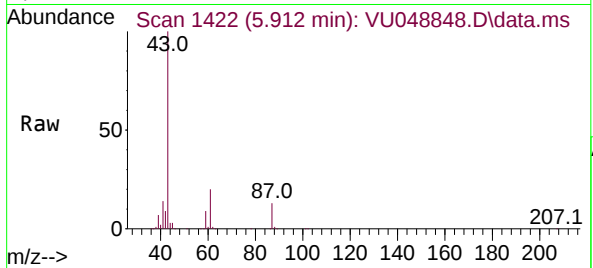




#43
Isopropyl Acetate
Concen: 54.334 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

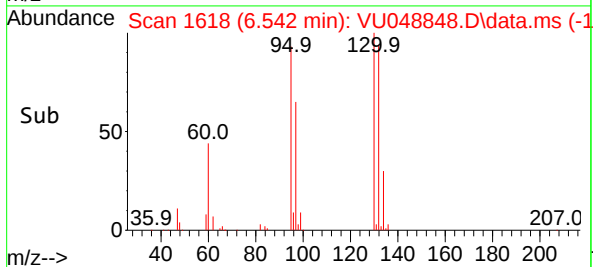
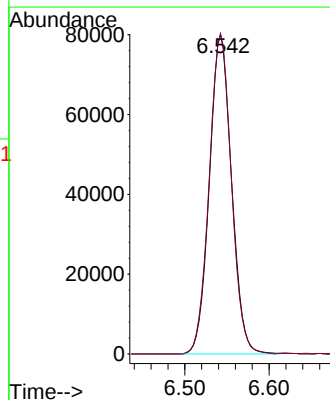
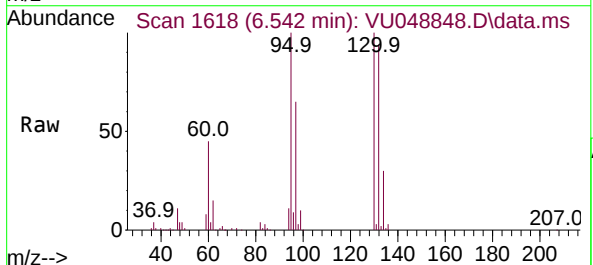
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

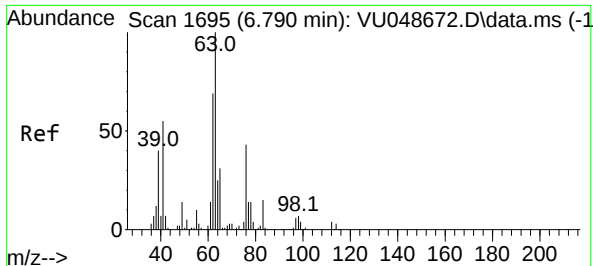
Tgt Ion: 43 Resp: 403275
Ion Ratio Lower Upper
43 100
61 20.9 16.7 25.1
87 13.1 10.9 16.3



#44
Trichloroethene
Concen: 47.499 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:130 Resp: 146142
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 57.171 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

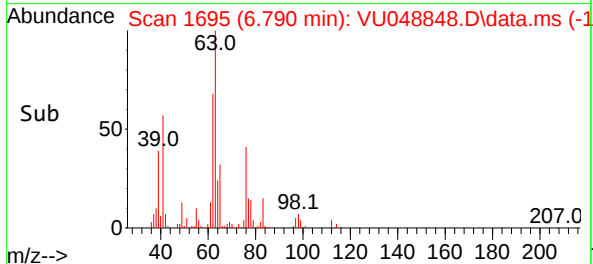
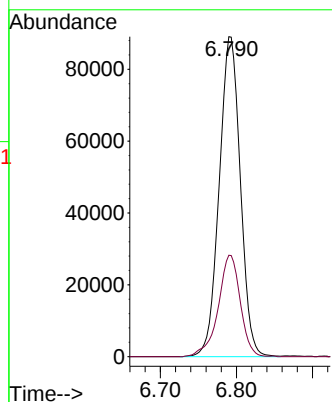
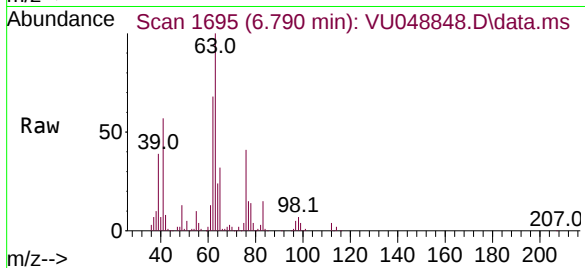
VSTDCCC050

Tgt Ion: 63 Resp: 171886

Ion Ratio Lower Upper

63 100

65 31.7 24.8 37.2



#46

Dibromomethane

Concen: 50.915 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

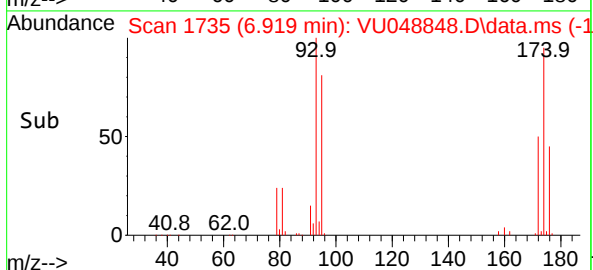
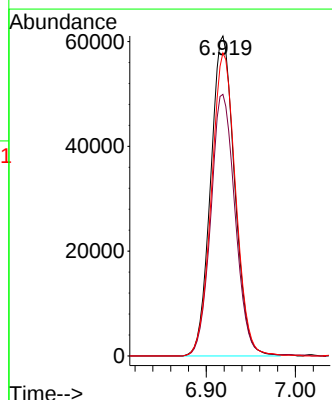
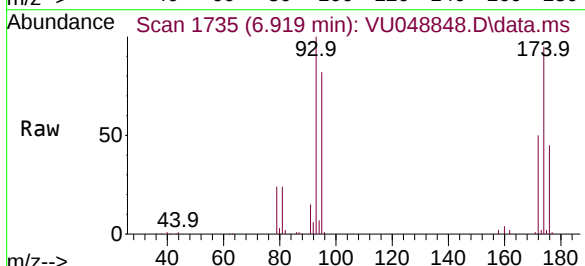
Tgt Ion: 93 Resp: 114366

Ion Ratio Lower Upper

93 100

95 82.9 65.1 97.7

174 95.5 77.8 116.6





#47

Bromodichloromethane

Concen: 50.146 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

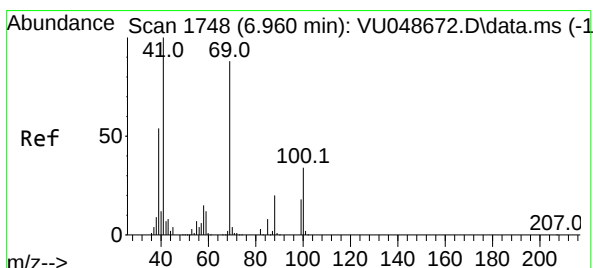
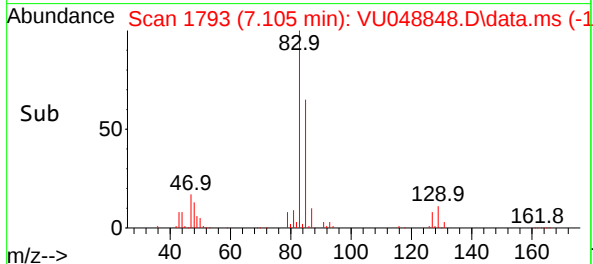
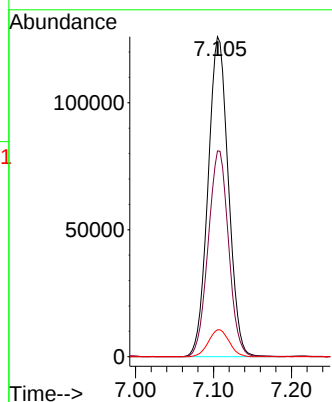
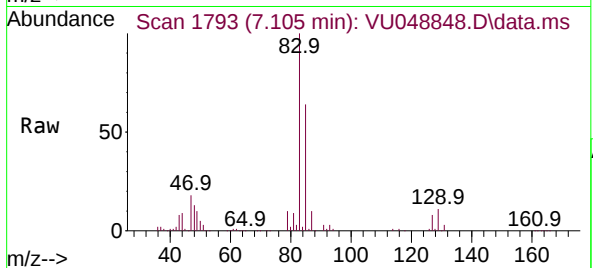
Tgt Ion: 83 Resp: 227783

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

127 8.4 6.9 10.3



#48

Methyl methacrylate

Concen: 58.971 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

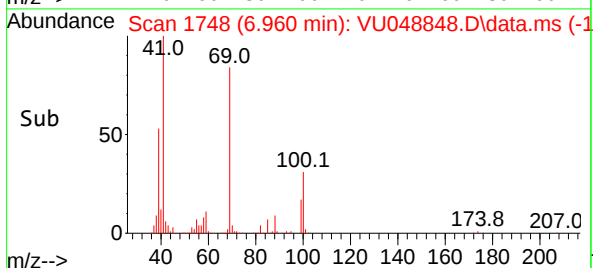
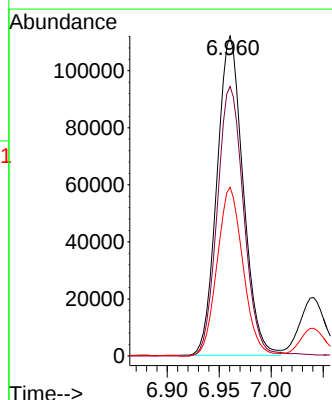
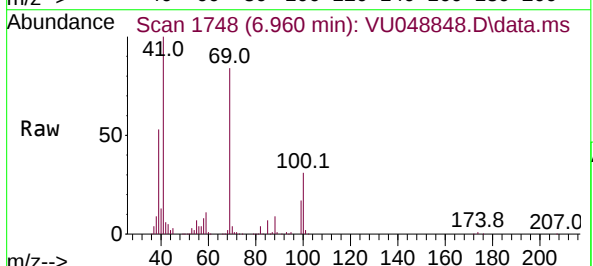
Tgt Ion: 41 Resp: 196489

Ion Ratio Lower Upper

41 100

69 85.5 70.7 106.1

39 52.2 43.4 65.2





#49

1,4-Dioxane

Concen: 1349.155 ug/l

RT: 6.986 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

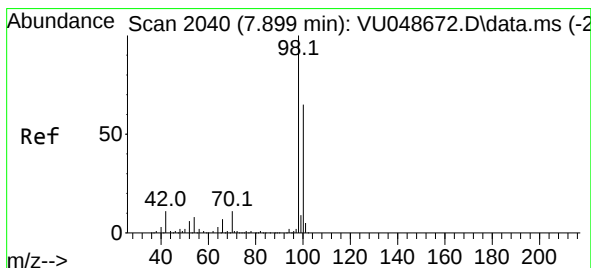
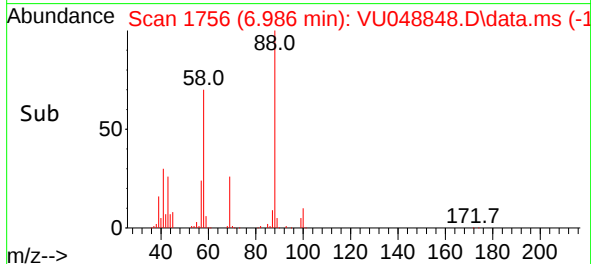
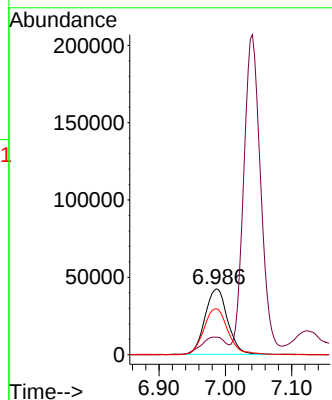
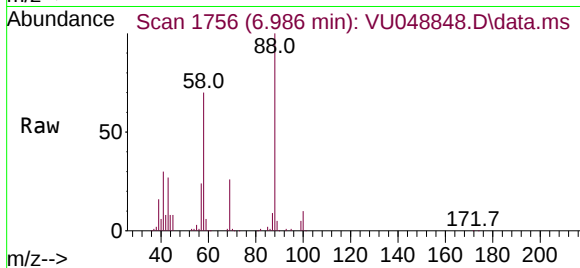
Tgt Ion: 88 Resp: 100491

Ion Ratio Lower Upper

88 100

43 29.1 24.6 36.8

58 75.4 54.7 82.1



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048848.D

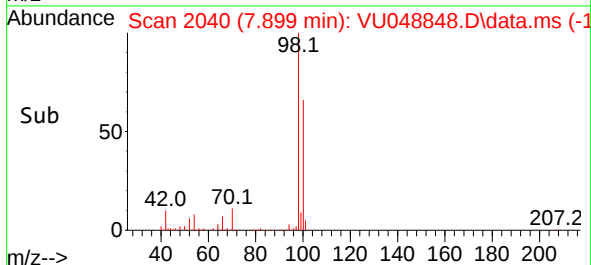
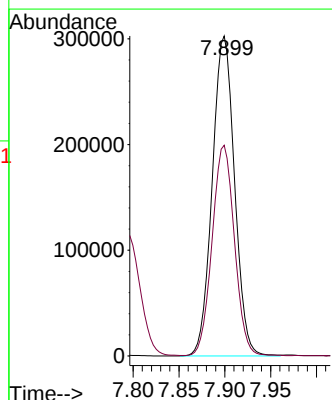
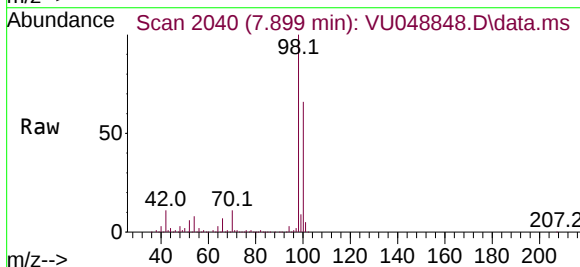
Acq: 03 Jun 2022 11:04

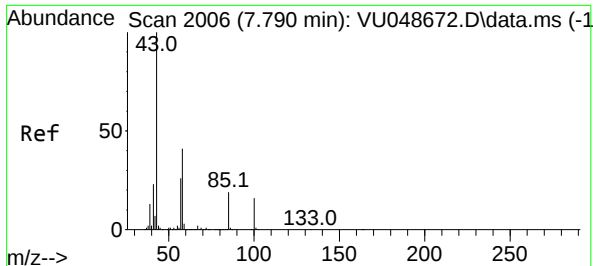
Tgt Ion: 98 Resp: 512267

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

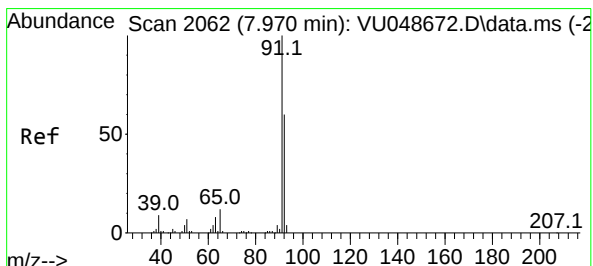
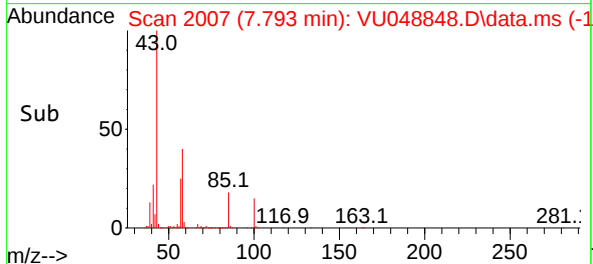
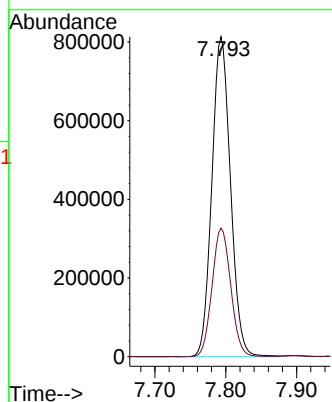
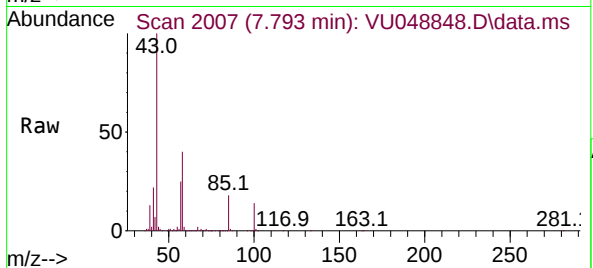




#51
4-Methyl-2-Pentanone
Concen: 307.336 ug/l
RT: 7.793 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

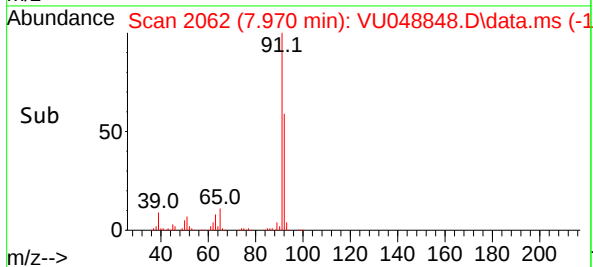
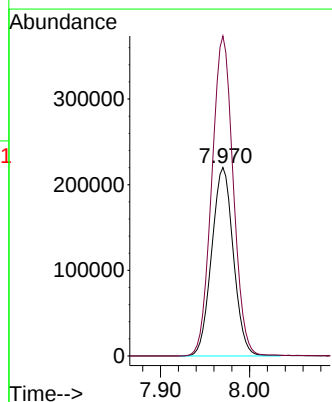
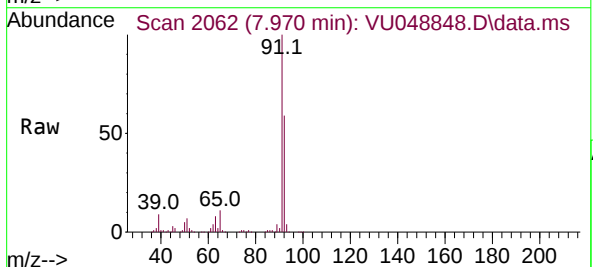
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

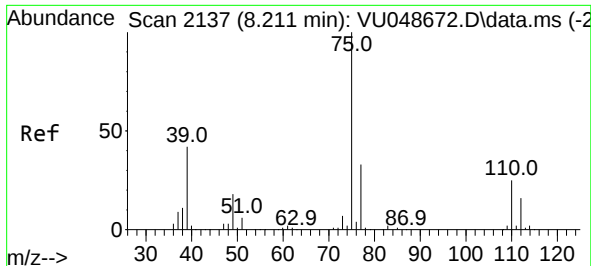
Tgt Ion: 43 Resp: 1481172
Ion Ratio Lower Upper
43 100
58 40.5 32.7 49.1



#52
Toluene
Concen: 52.035 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 92 Resp: 371699
Ion Ratio Lower Upper
92 100
91 168.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.459 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

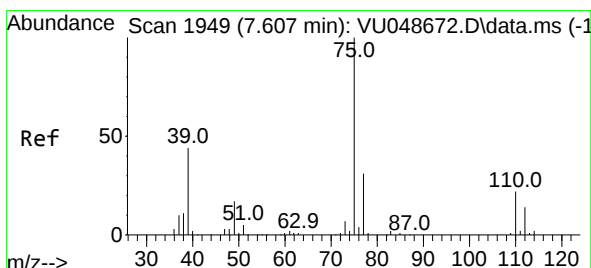
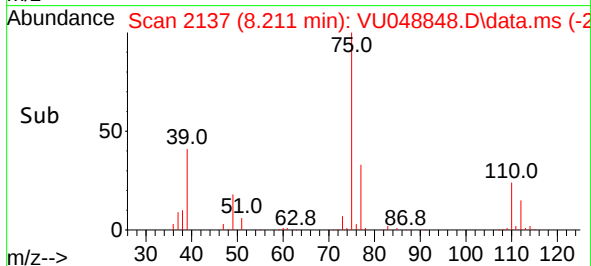
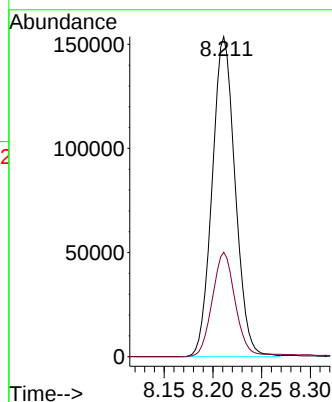
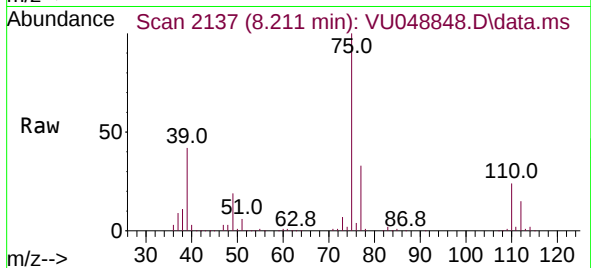
VSTDCCC050

Tgt Ion: 75 Resp: 252148

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 52.450 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

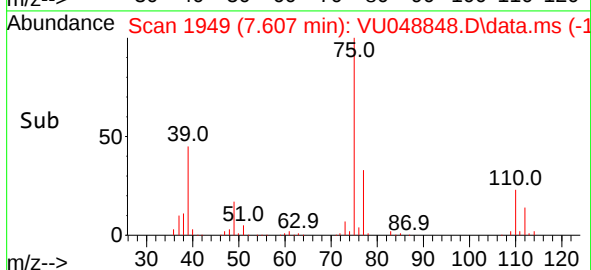
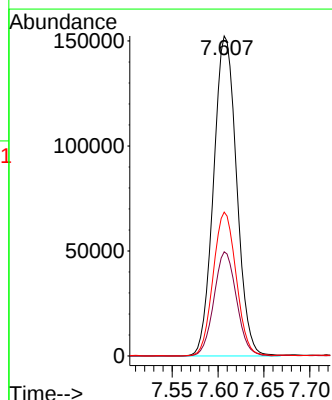
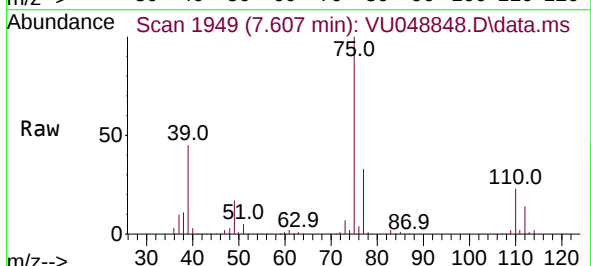
Tgt Ion: 75 Resp: 266318

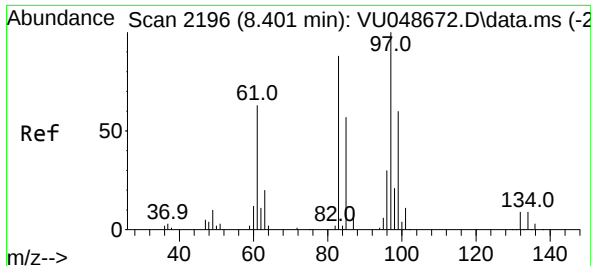
Ion Ratio Lower Upper

75 100

77 32.5 24.9 37.3

39 45.0 35.2 52.8

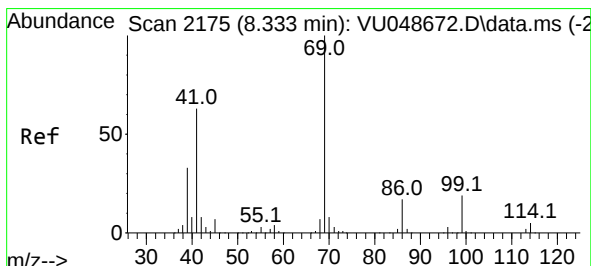
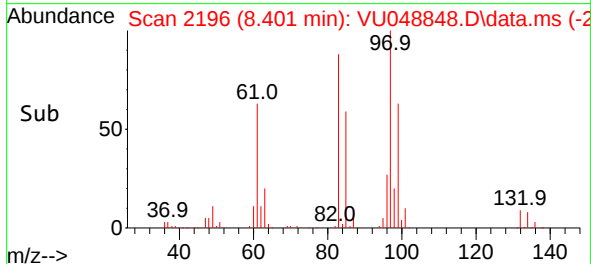
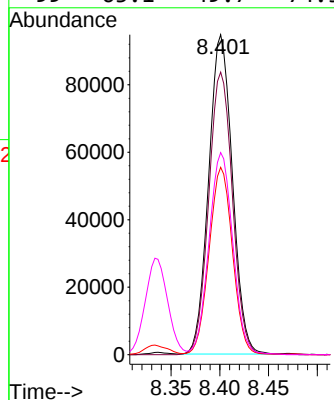
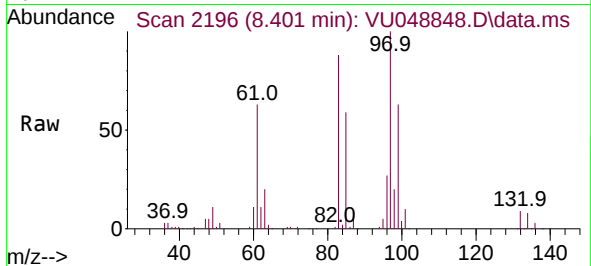




#55
1,1,2-Trichloroethane
Concen: 50.869 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

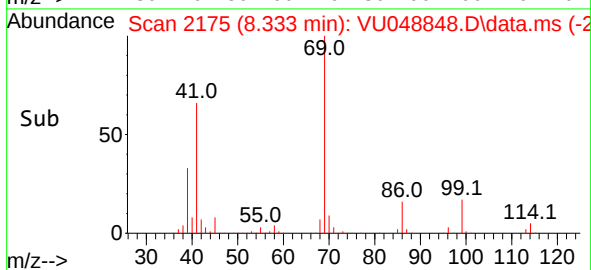
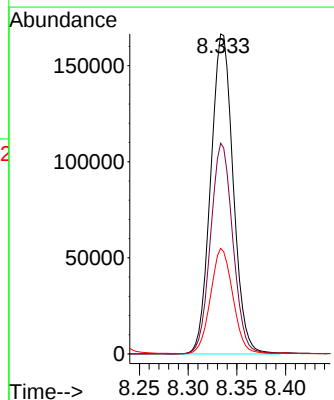
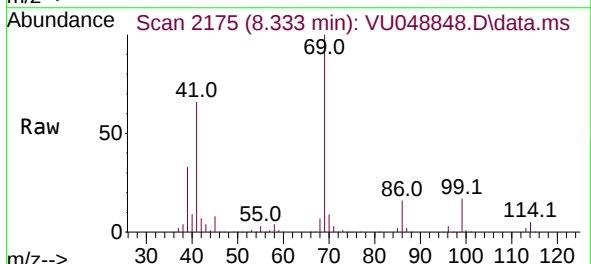
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

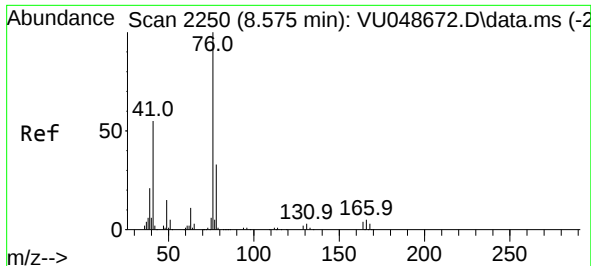
Tgt Ion:	97	Resp:	160369
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.2	105.4
85	58.5	45.6	68.4
99	63.1	49.7	74.5



#56
Ethyl methacrylate
Concen: 53.383 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:	69	Resp:	266874
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.6	76.0
39	32.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 52.446 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

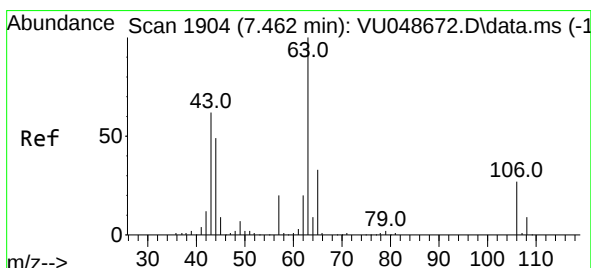
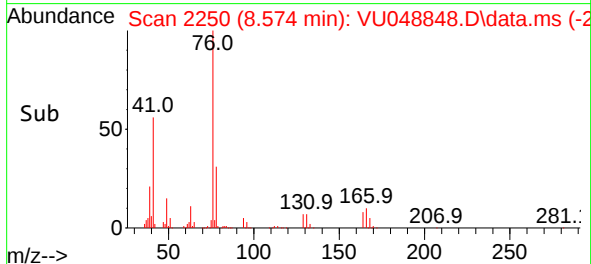
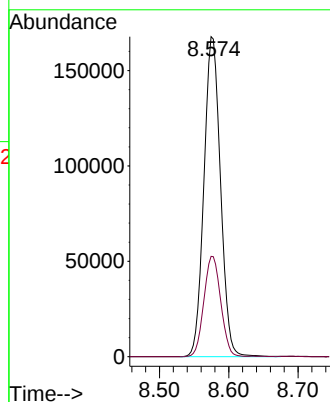
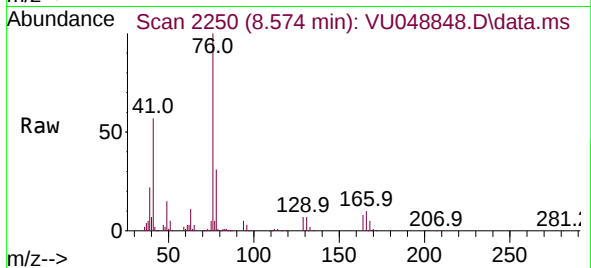
VSTDCCC050

Tgt Ion: 76 Resp: 278281

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.688 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048848.D

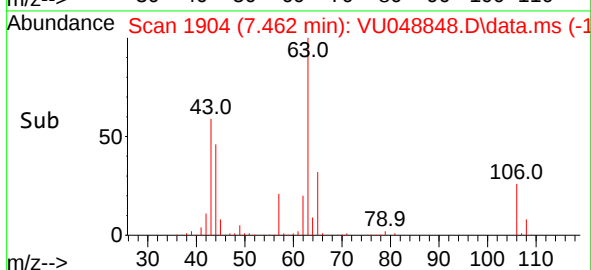
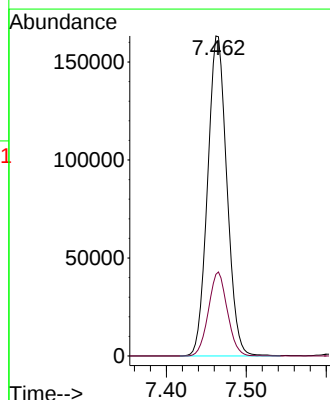
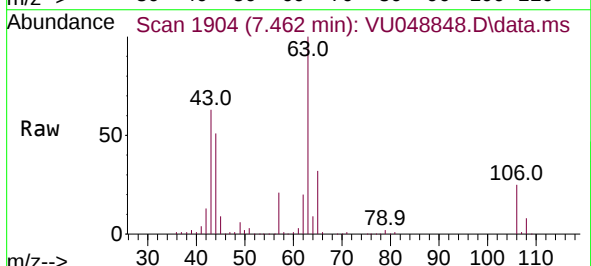
Acq: 03 Jun 2022 11:04

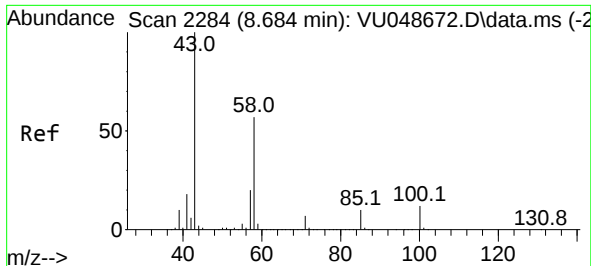
Tgt Ion: 63 Resp: 273535

Ion Ratio Lower Upper

63 100

106 25.7 22.2 33.2

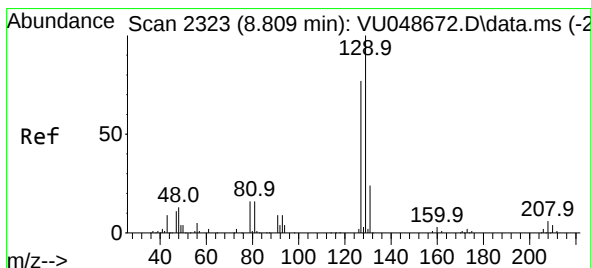
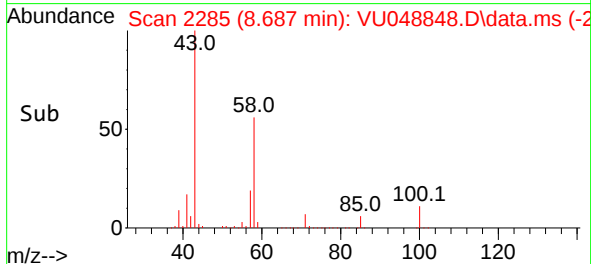
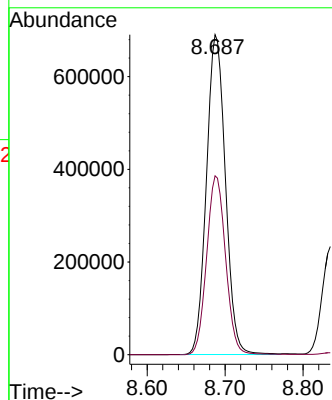
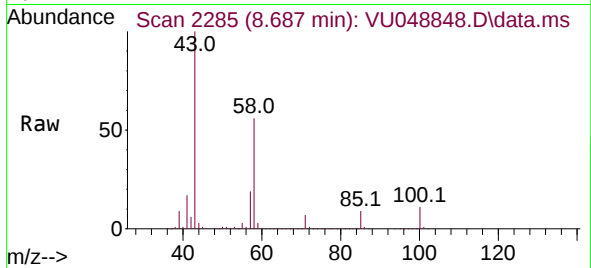




#59
2-Hexanone
Concen: 295.371 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

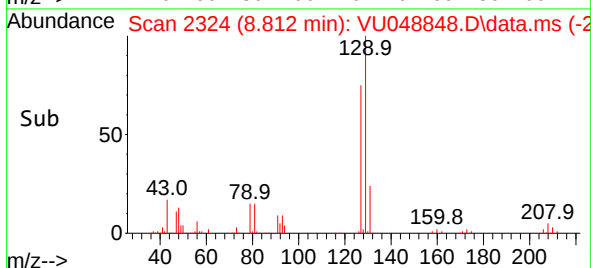
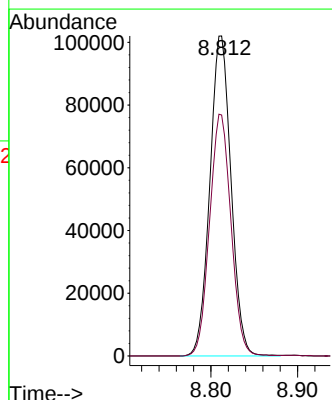
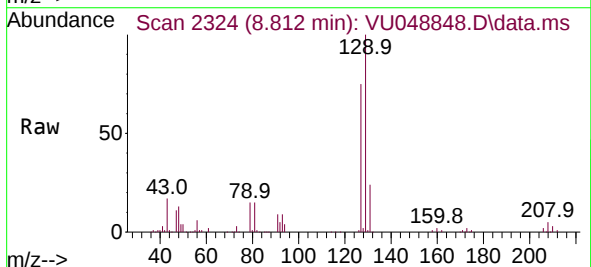
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1168661
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 49.079 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:129 Resp: 173441
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3

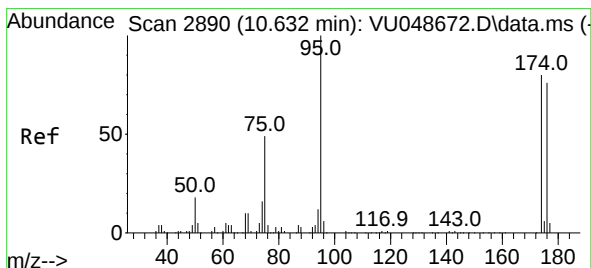
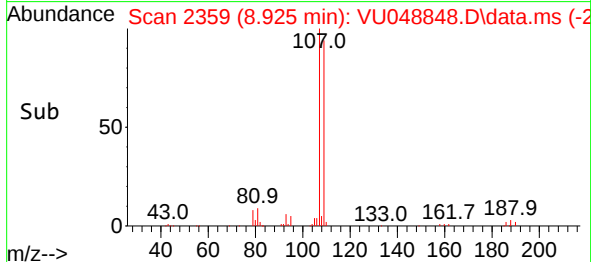
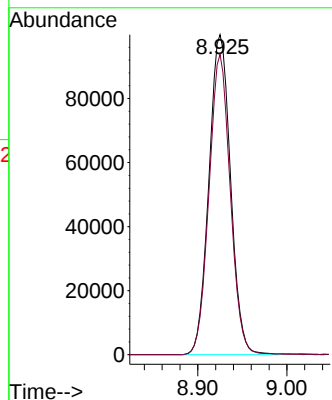
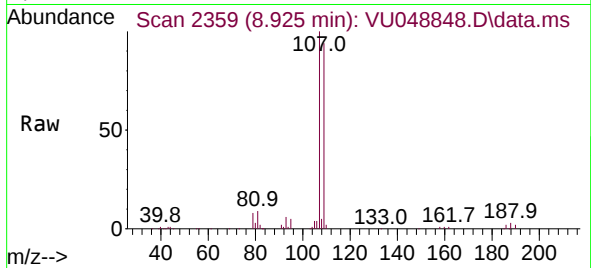




#61
1,2-Dibromoethane
Concen: 48.510 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

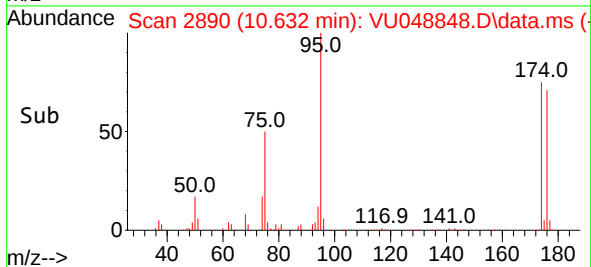
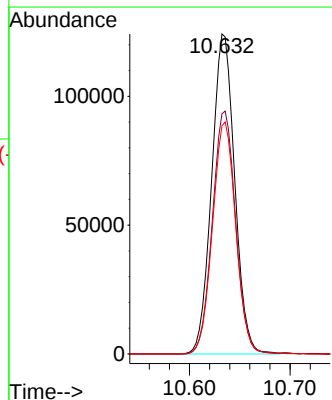
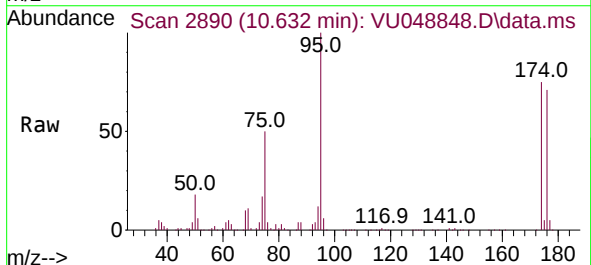
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

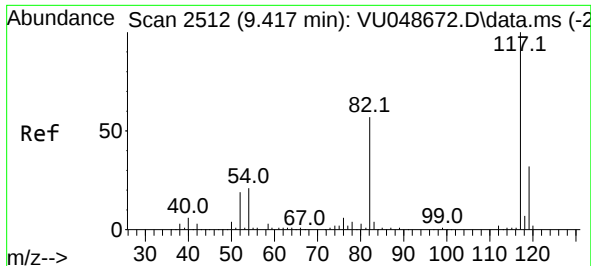
Tgt Ion:107 Resp: 168424
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 95 Resp: 197446
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 73.2 0.0 152.4

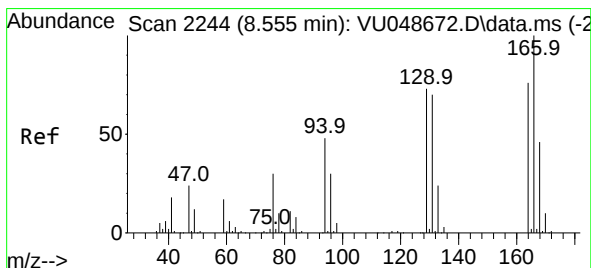
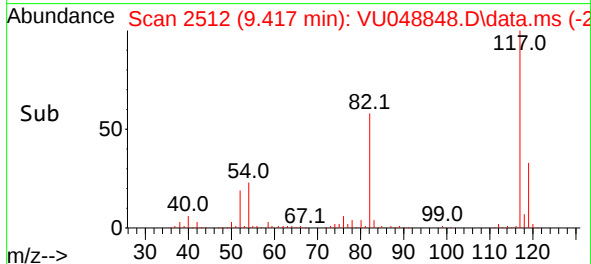
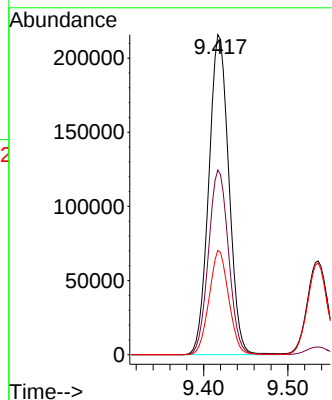
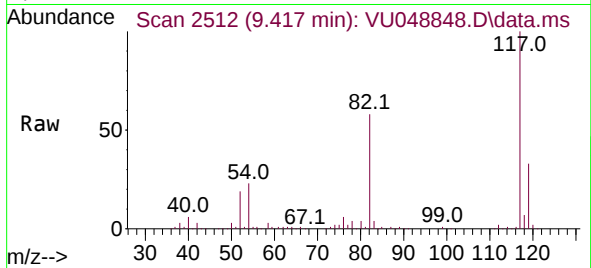




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

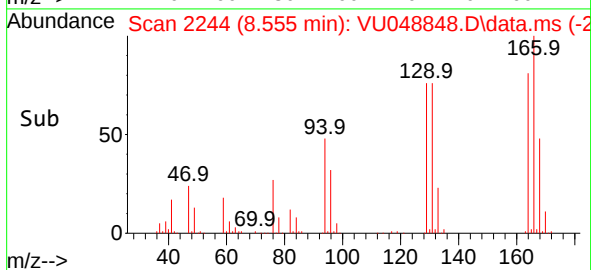
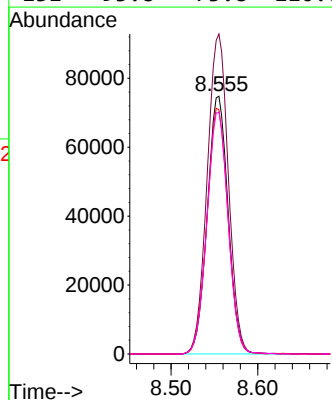
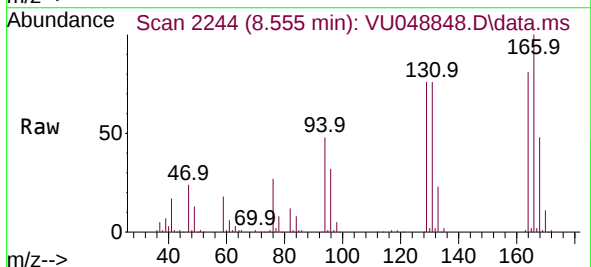
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

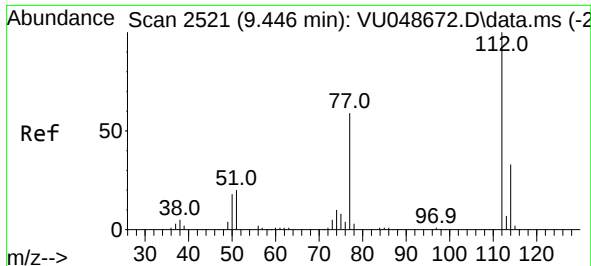
Tgt Ion:117 Resp: 357191
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 50.537 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:164 Resp: 125319
Ion Ratio Lower Upper
164 100
166 124.1 105.0 157.4
129 94.8 76.5 114.7
131 93.8 73.8 110.6

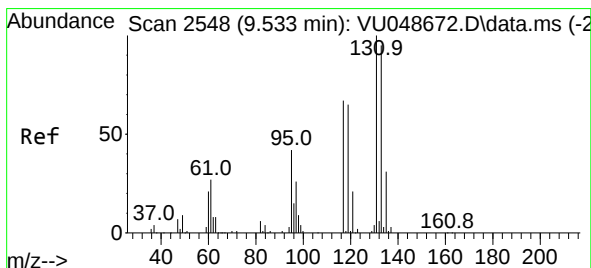
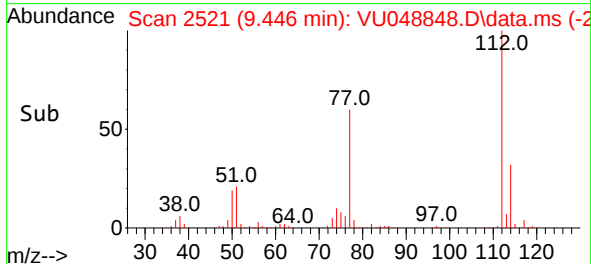
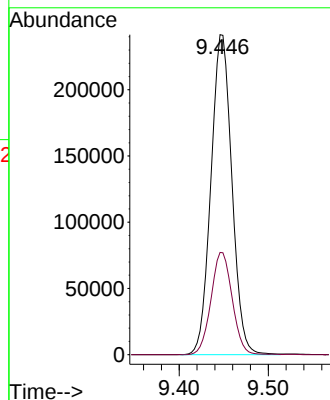
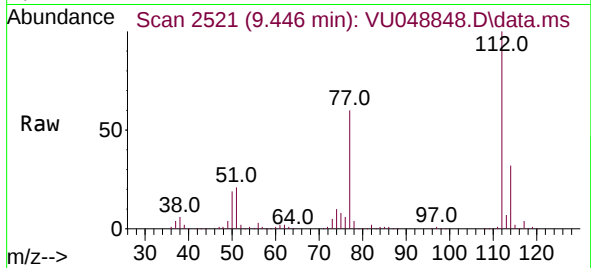




#65
Chlorobenzene
Concen: 52.163 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

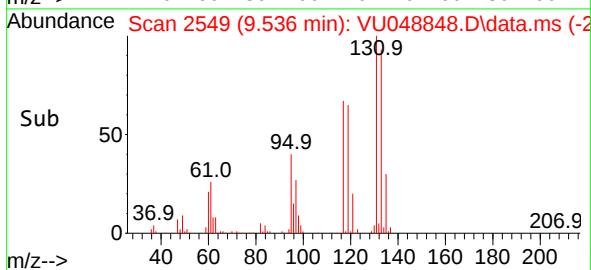
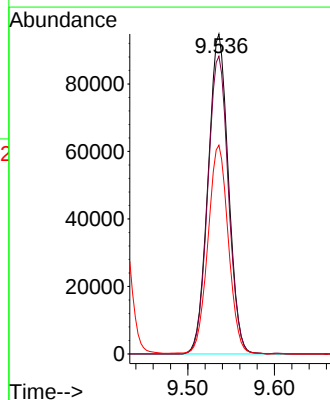
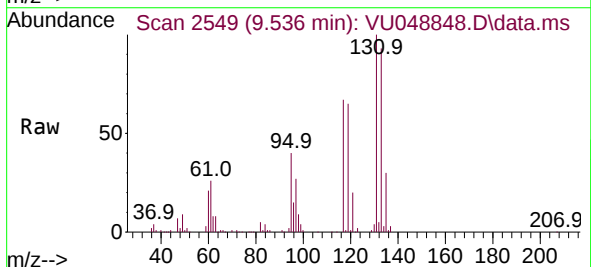
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

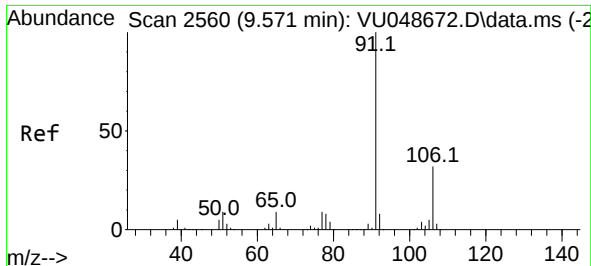
Tgt Ion:112 Resp: 394070
Ion Ratio Lower Upper
112 100
114 31.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.021 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:131 Resp: 154908
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 65.4 32.7 98.1





#67

Ethyl Benzene

Concen: 55.216 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

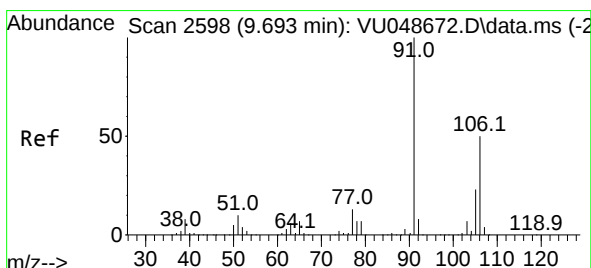
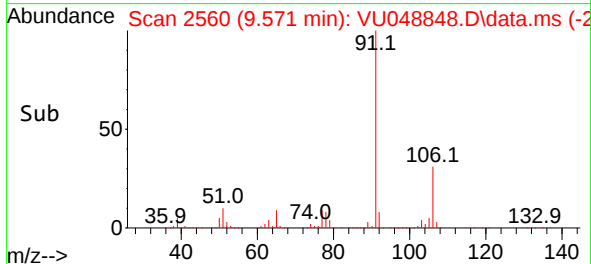
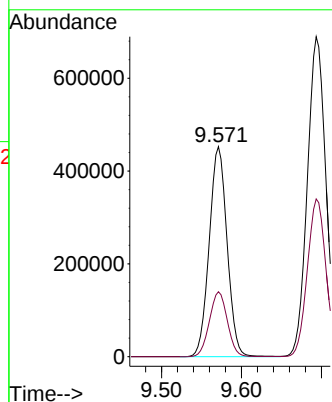
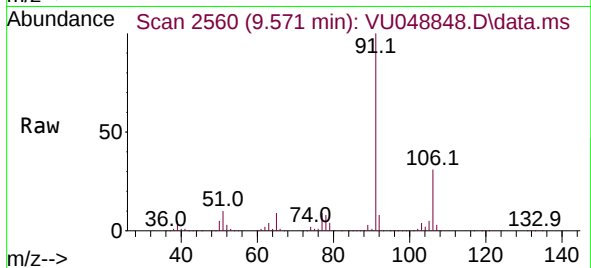
VSTDCCC050

Tgt Ion: 91 Resp: 703548

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.2



#68

m/p-Xylenes

Concen: 110.765 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048848.D

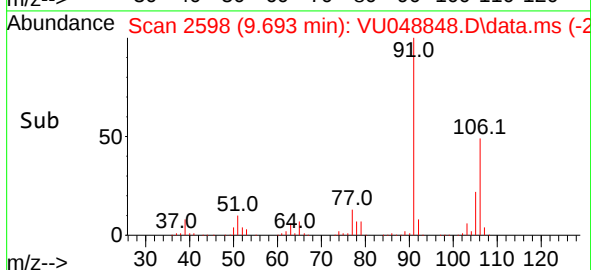
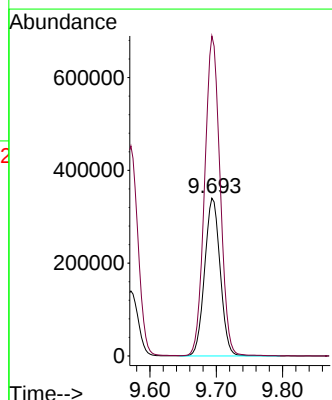
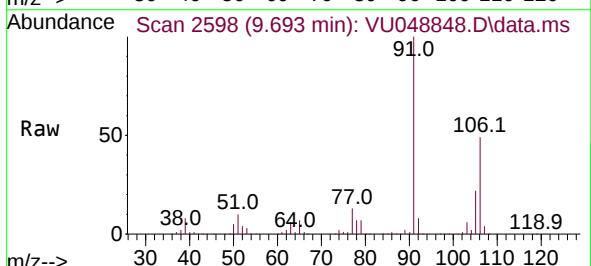
Acq: 03 Jun 2022 11:04

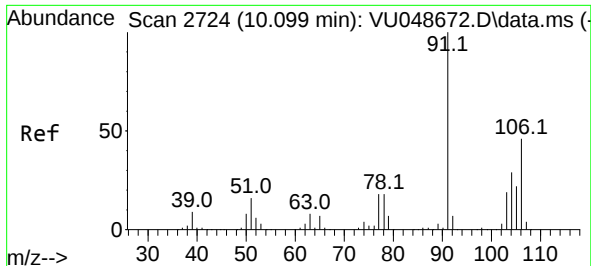
Tgt Ion: 106 Resp: 551985

Ion Ratio Lower Upper

106 100

91 202.2 162.4 243.6





#69

o-Xylene

Concen: 55.933 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

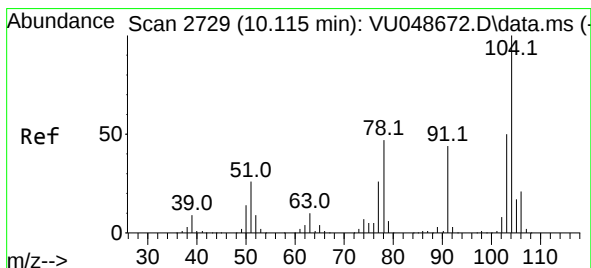
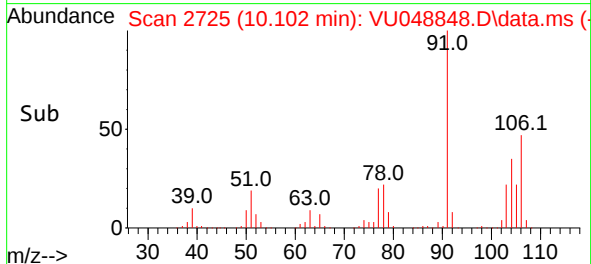
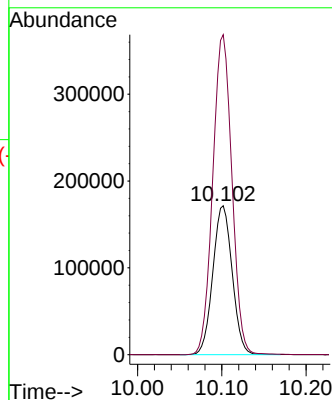
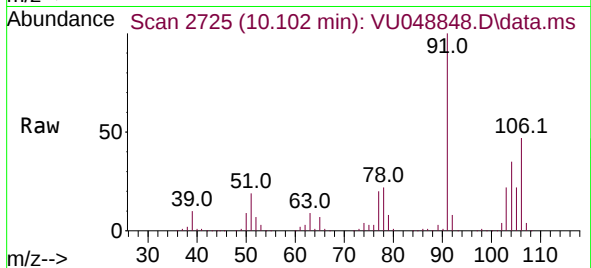
VSTDCCC050

Tgt Ion:106 Resp: 273845

Ion Ratio Lower Upper

106 100

91 212.6 107.7 323.3



#70

Styrene

Concen: 56.135 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

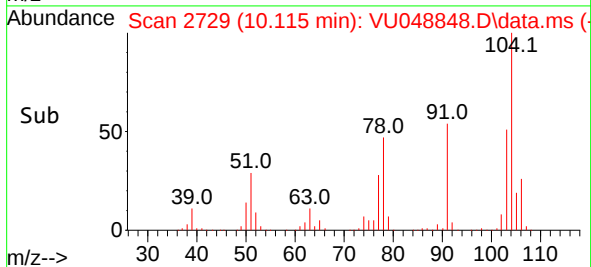
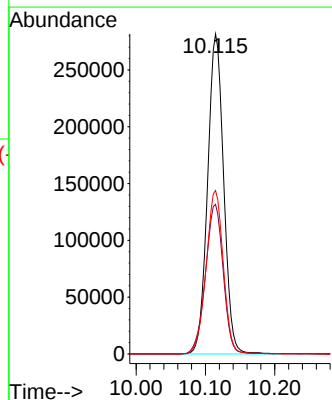
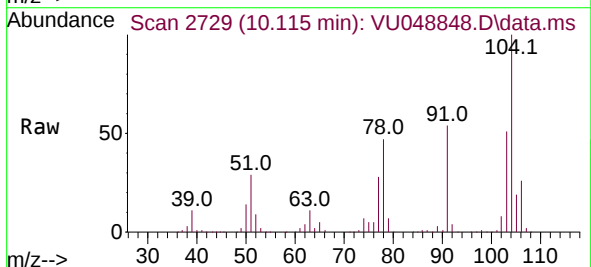
Tgt Ion:104 Resp: 452062

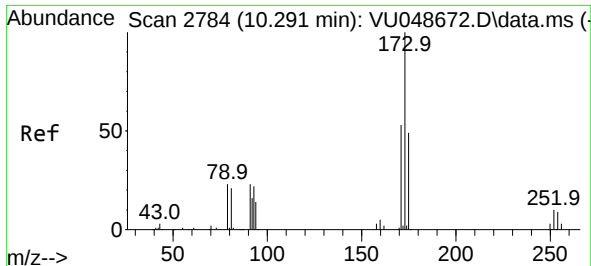
Ion Ratio Lower Upper

104 100

78 51.6 41.2 61.8

103 54.9 43.4 65.2

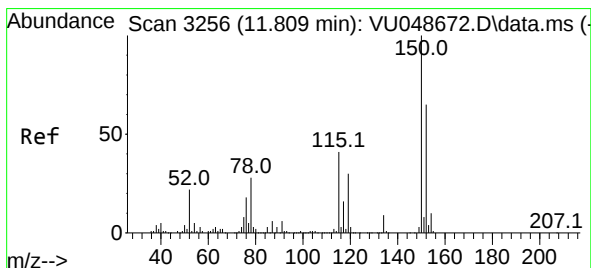
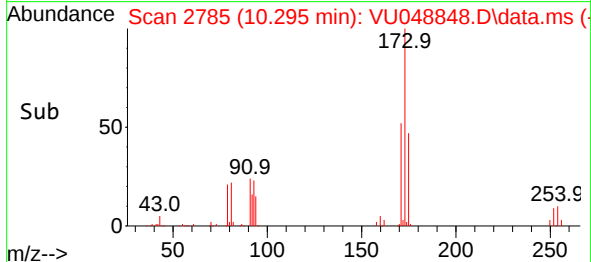
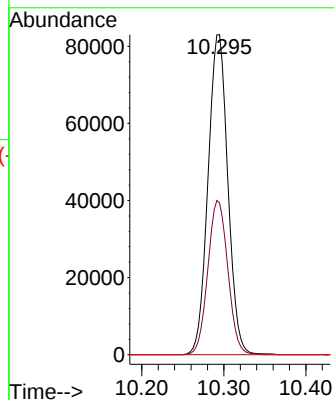
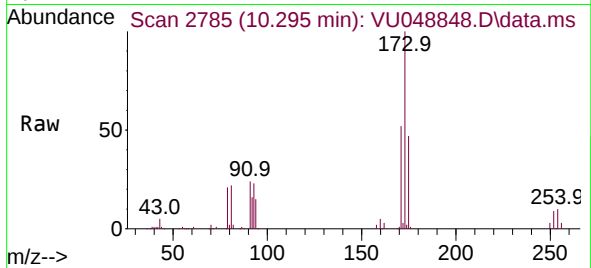




#71
Bromoform
Concen: 52.521 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

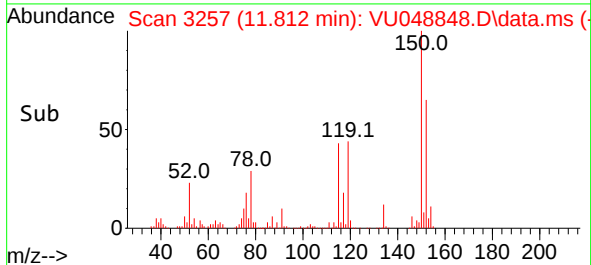
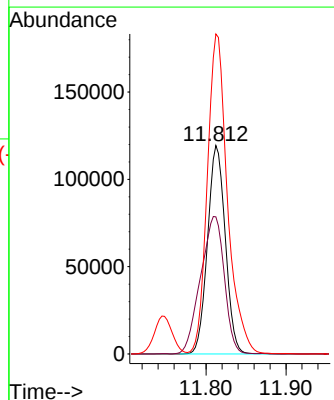
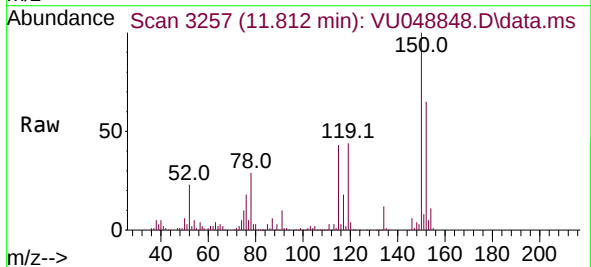
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

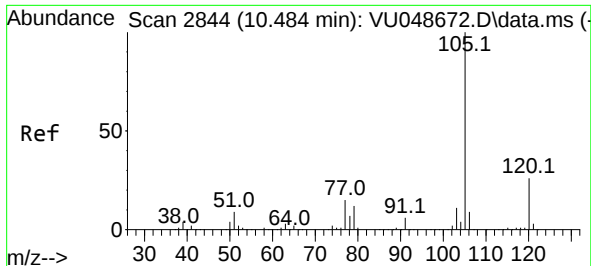
Tgt Ion:173 Resp: 139249
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:152 Resp: 184868
Ion Ratio Lower Upper
152 100
115 87.9 41.8 125.4
150 173.5 0.0 341.0

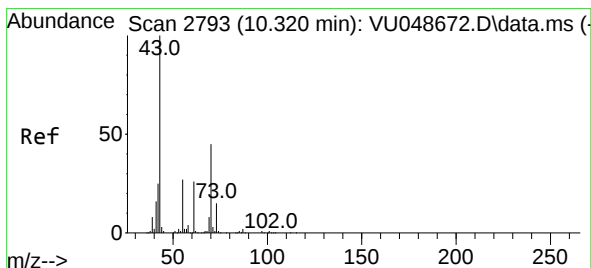
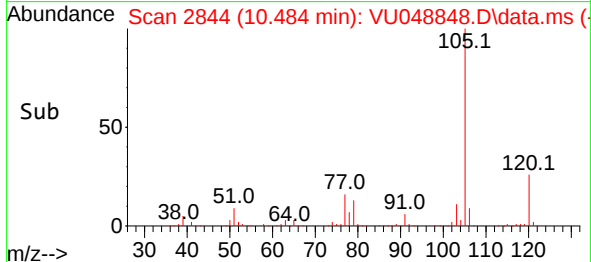
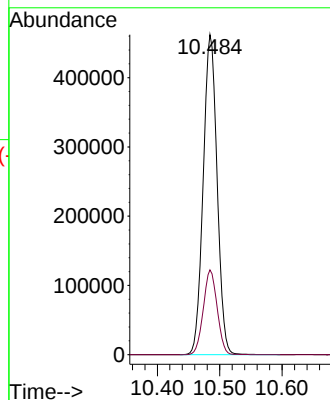
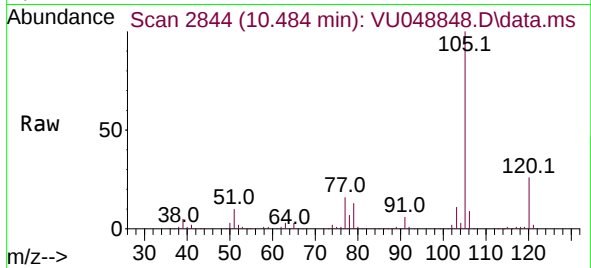




#73
Isopropylbenzene
Concen: 59.992 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

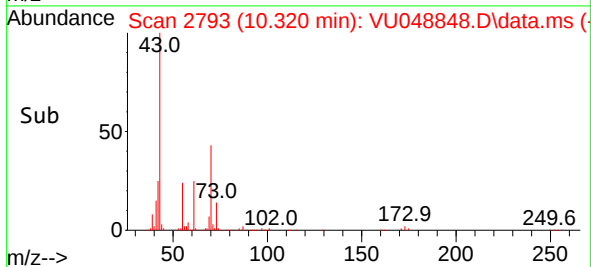
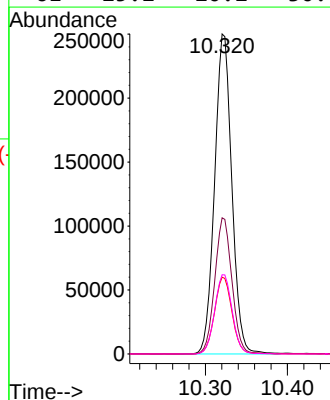
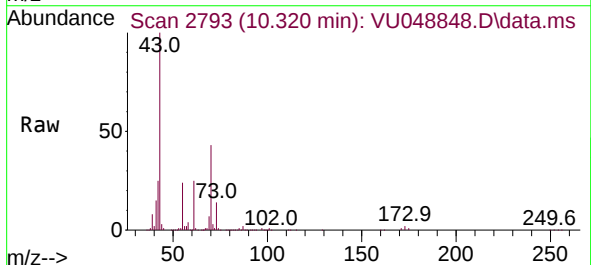
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 716000
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 59.950 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 43 Resp: 365359
Ion Ratio Lower Upper
43 100
70 42.4 35.8 53.6
55 24.4 21.1 31.7
61 25.2 20.2 30.4

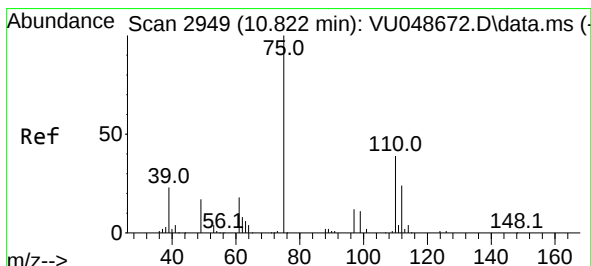
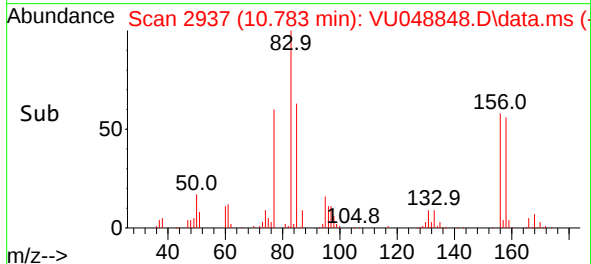
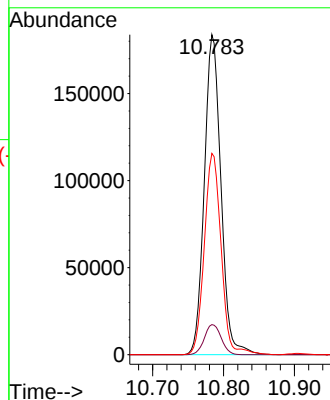
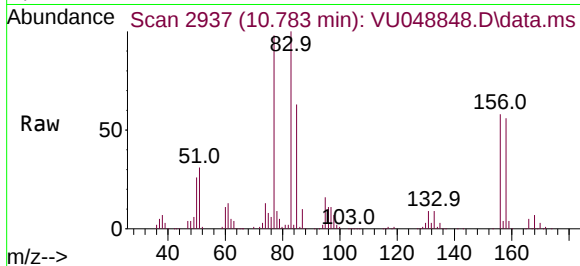




#75
1,1,2,2-Tetrachloroethane
Concen: 61.459 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

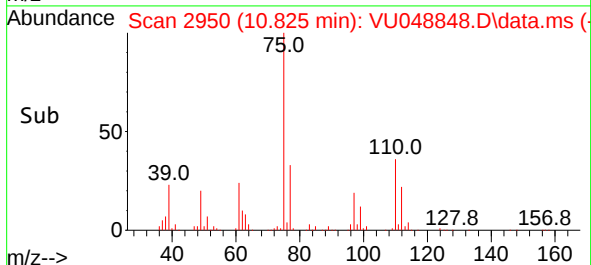
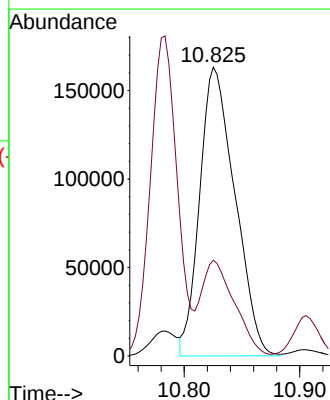
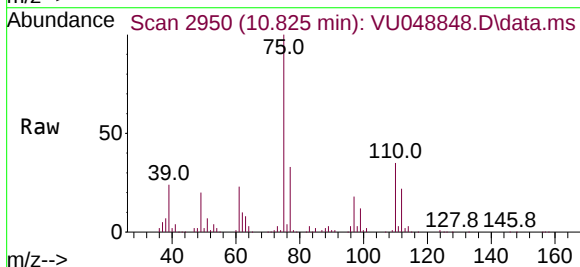
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

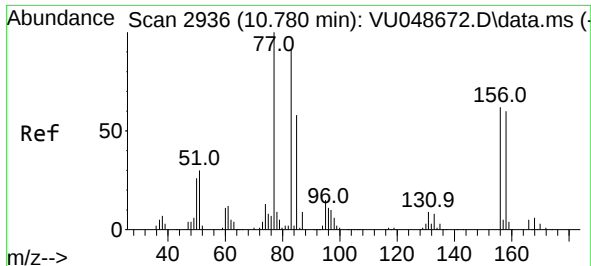
Tgt Ion: 83 Resp: 299338
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 63.6 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 57.976 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 75 Resp: 345570
Ion Ratio Lower Upper
75 100
77 30.7 14.8 44.3

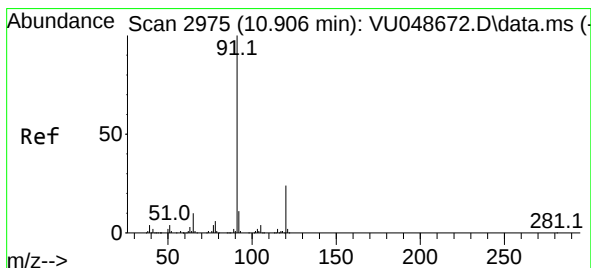
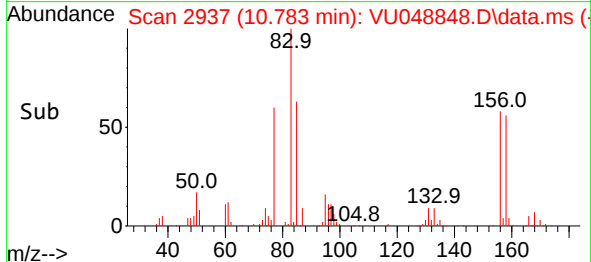
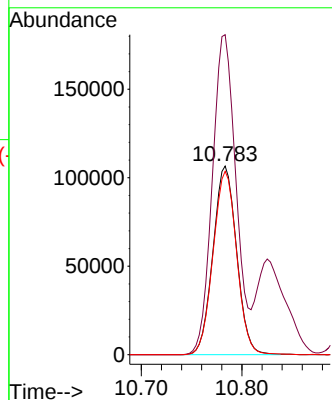
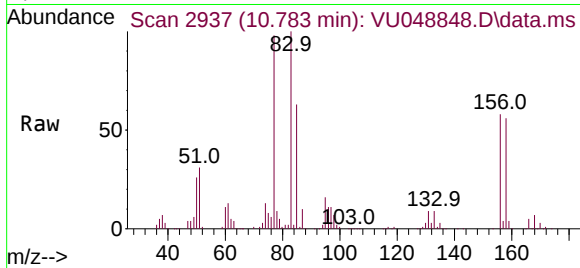




#77
Bromobenzene
Concen: 54.202 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

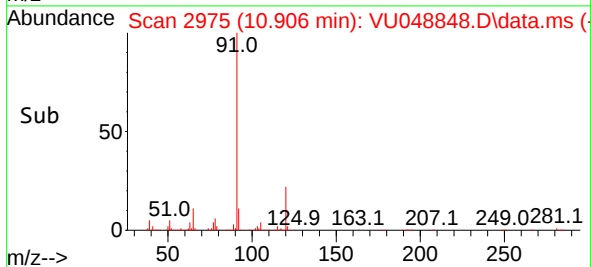
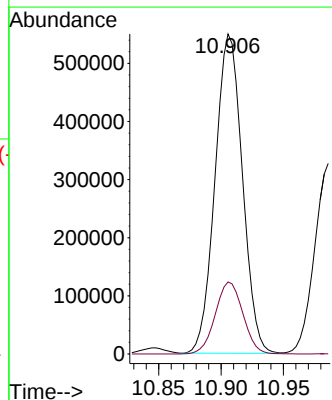
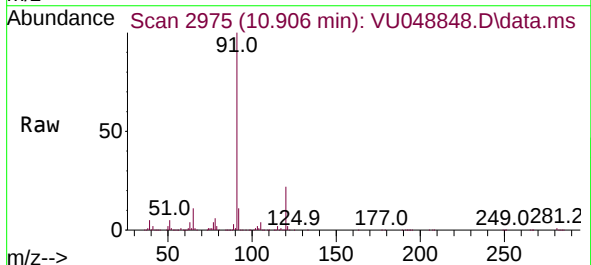
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

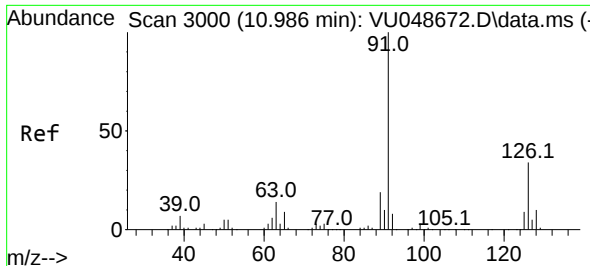
Tgt Ion:156 Resp: 173733
Ion Ratio Lower Upper
156 100
77 170.4 81.1 243.3
158 97.4 48.8 146.4



#78
n-propylbenzene
Concen: 58.832 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 91 Resp: 836678
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7

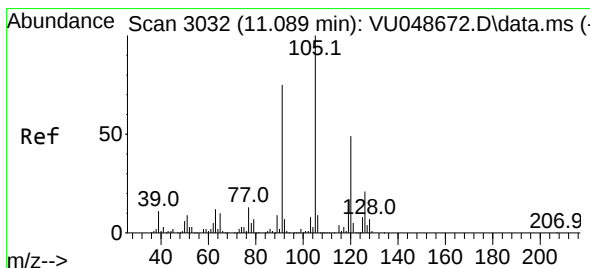
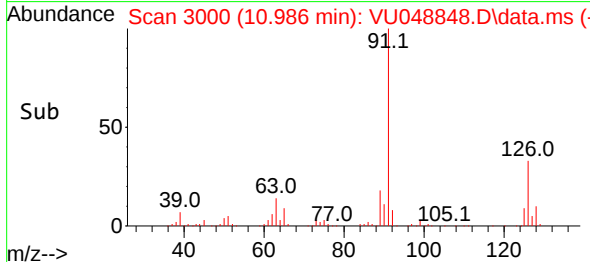
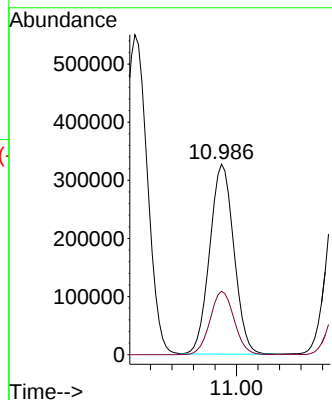
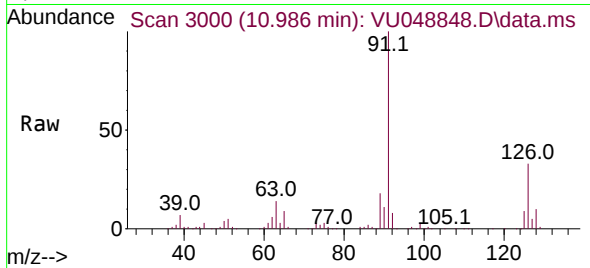




#79
2-Chlorotoluene
Concen: 57.757 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

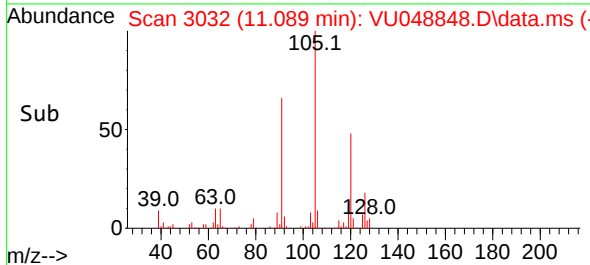
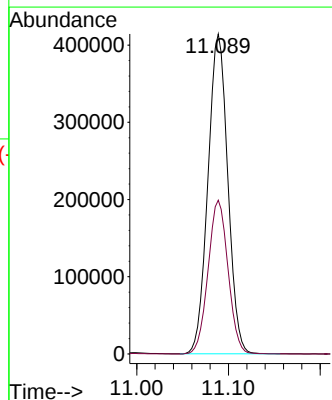
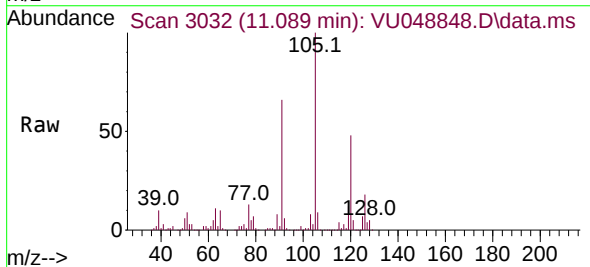
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

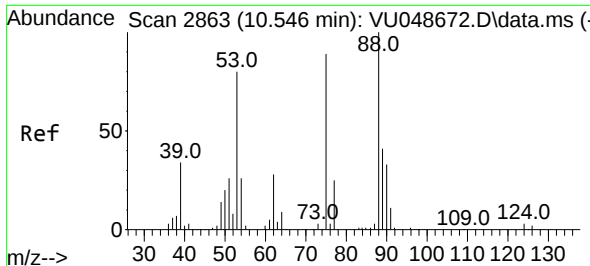
Tgt Ion: 91 Resp: 510805
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 59.966 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 105 Resp: 622385
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

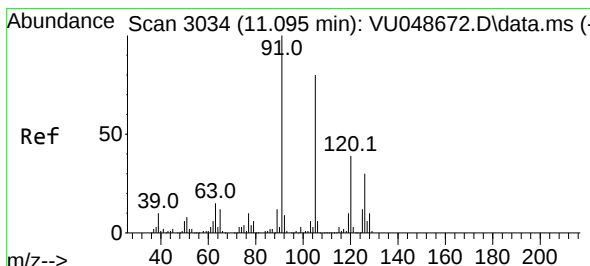
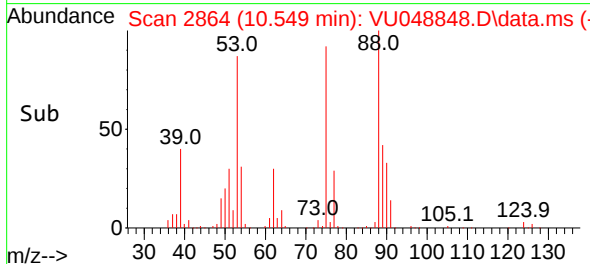
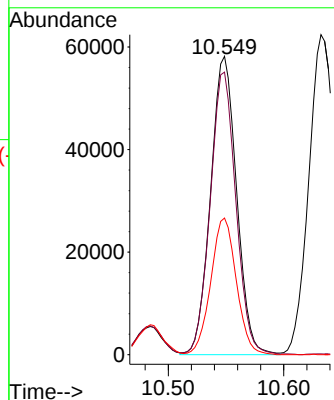
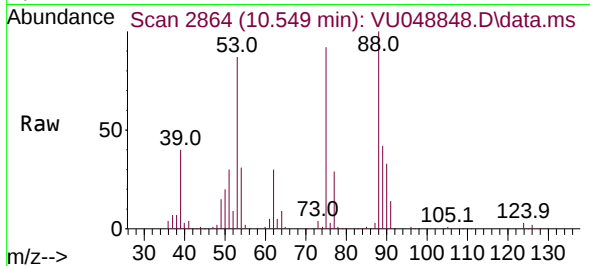




#81
trans-1,4-Dichloro-2-butene
Concen: 55.587 ug/l
RT: 10.549 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

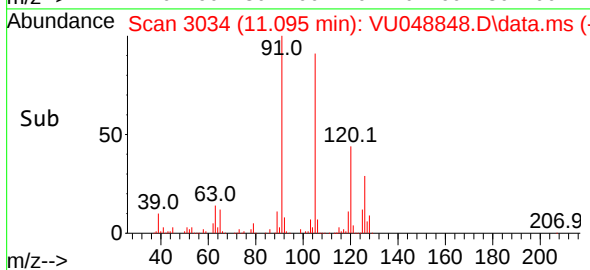
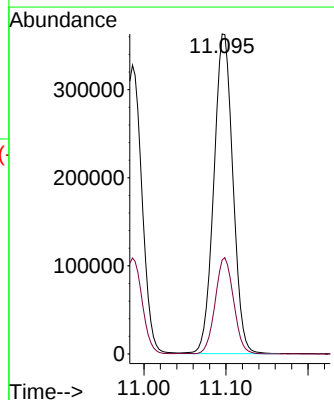
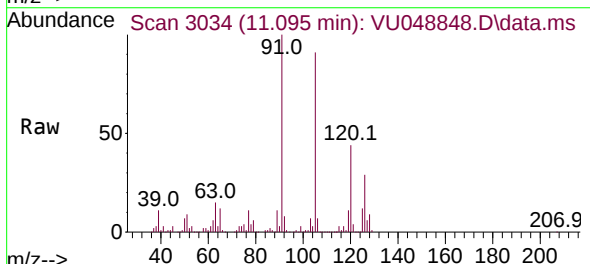
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

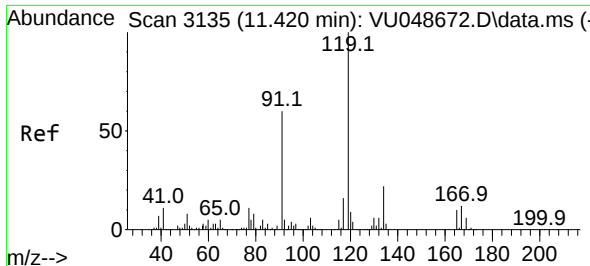
Tgt Ion: 75 Resp: 91254
Ion Ratio Lower Upper
75 100
53 93.5 72.5 108.7
89 44.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 57.366 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion: 91 Resp: 585363
Ion Ratio Lower Upper
91 100
126 29.0 14.4 43.2

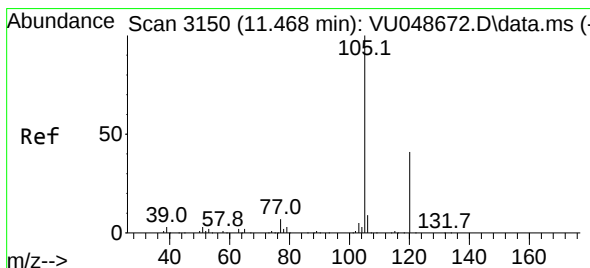
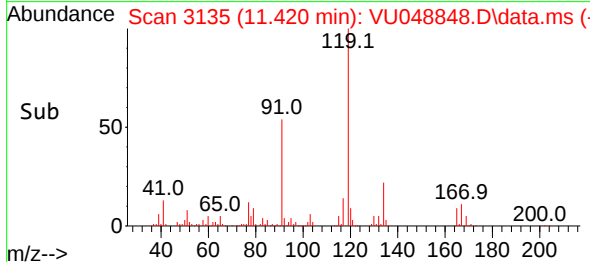
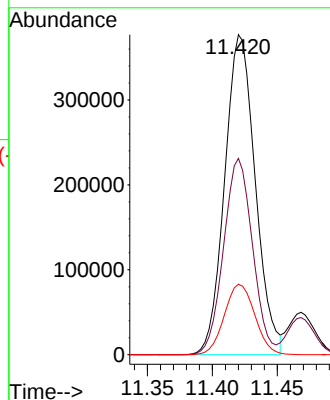
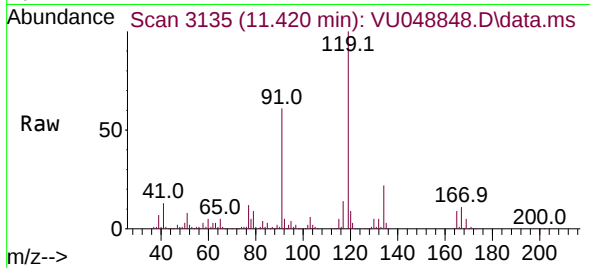




#83
tert-Butylbenzene
Concen: 62.050 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

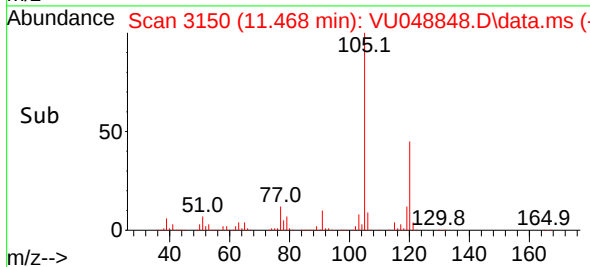
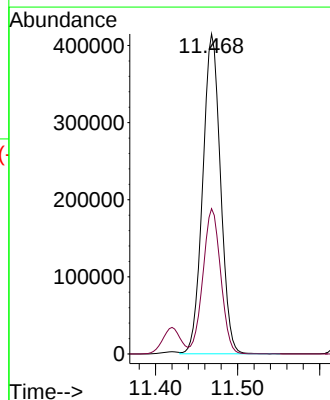
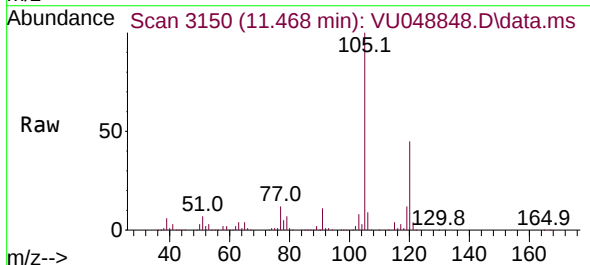
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

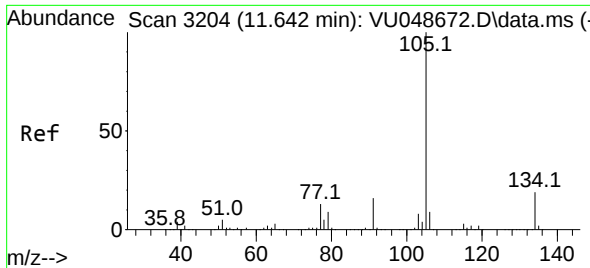
Tgt Ion:119 Resp: 618104
Ion Ratio Lower Upper
119 100
91 58.0 28.7 86.1
134 22.0 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 55.567 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:105 Resp: 623075
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5

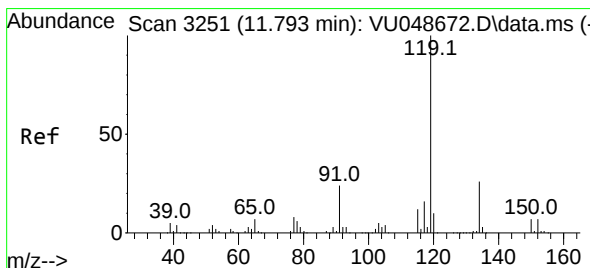
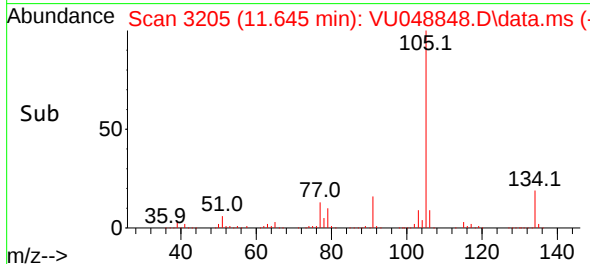
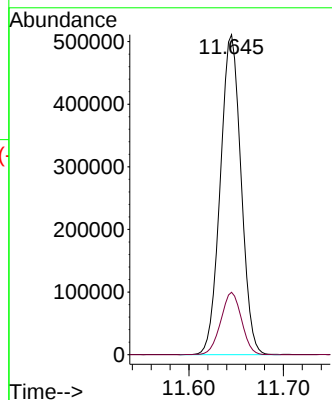
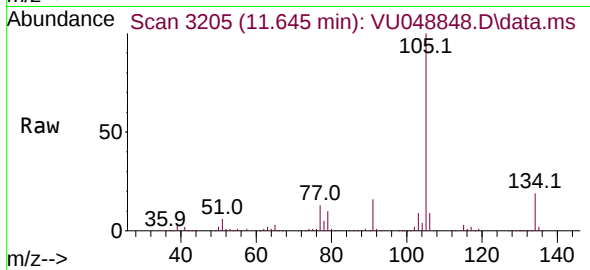




#85
sec-Butylbenzene
Concen: 62.372 ug/l
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

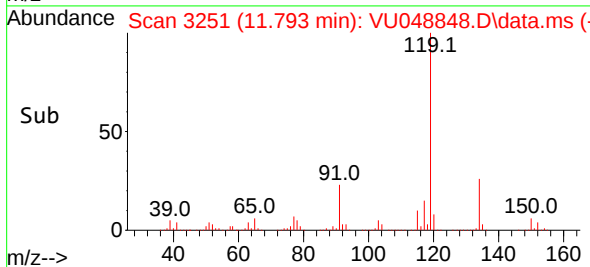
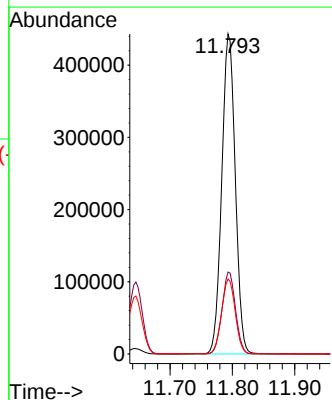
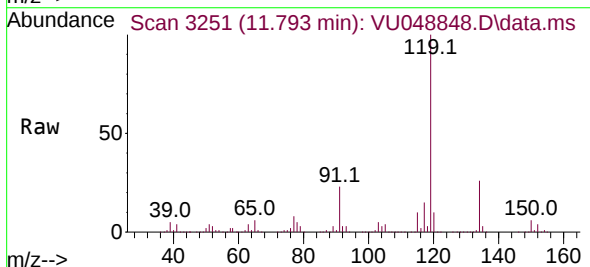
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 777283
Ion Ratio Lower Upper
105 100
134 19.5 9.6 28.6



#86
p-Isopropyltoluene
Concen: 62.228 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:119 Resp: 665957
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.4
91 23.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 52.857 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

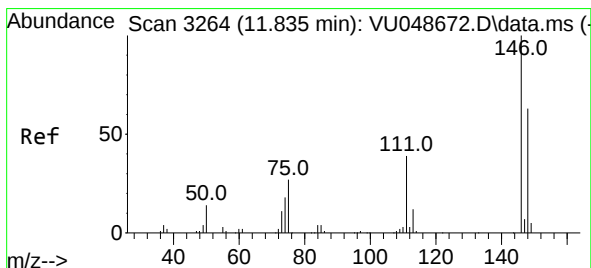
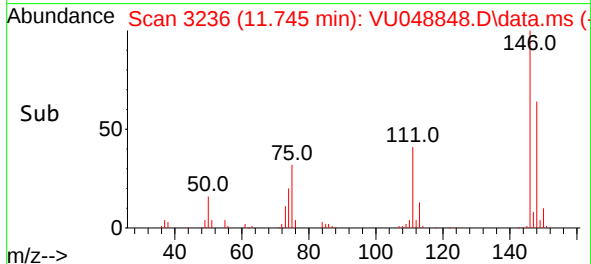
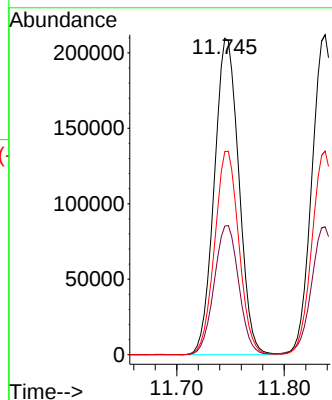
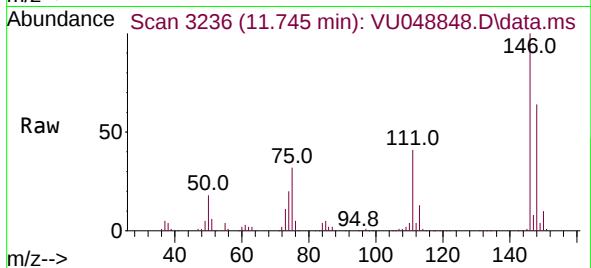
Tgt Ion:146 Resp: 332174

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.591 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

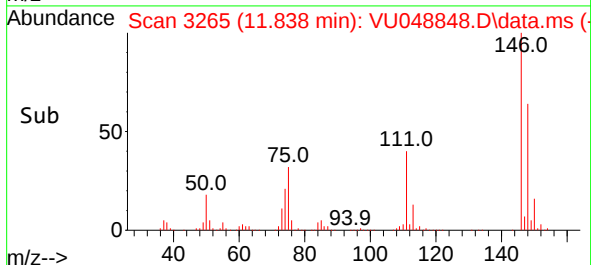
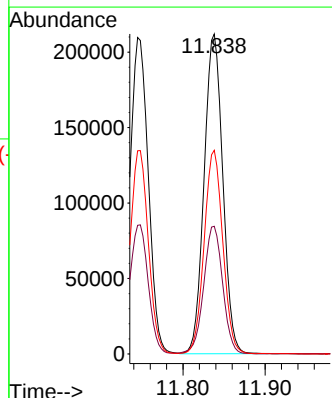
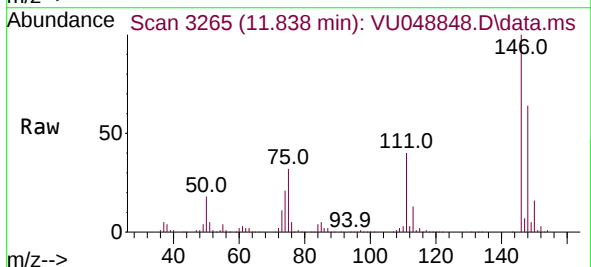
Tgt Ion:146 Resp: 334964

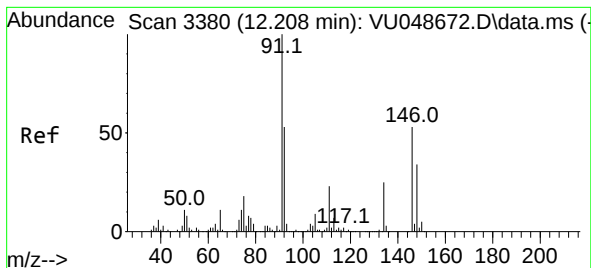
Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 63.5 32.4 97.0





#89

n-Butylbenzene

Concen: 52.963 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

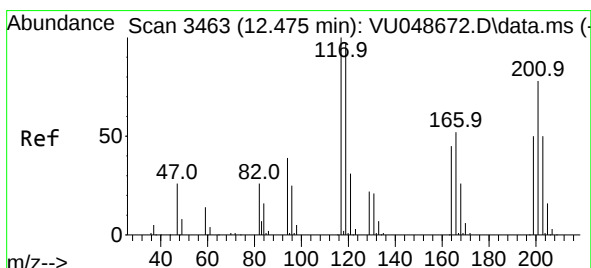
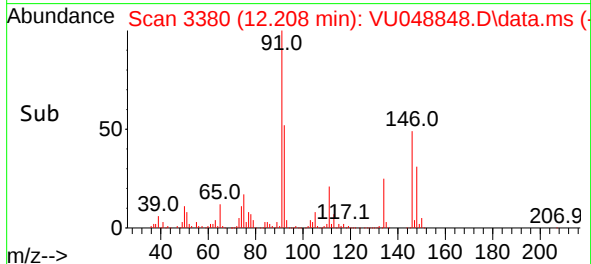
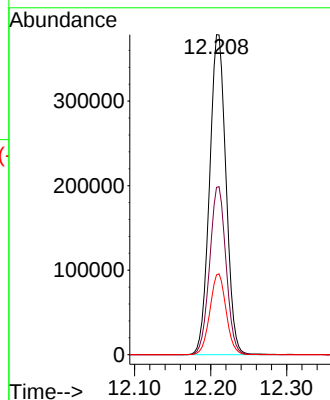
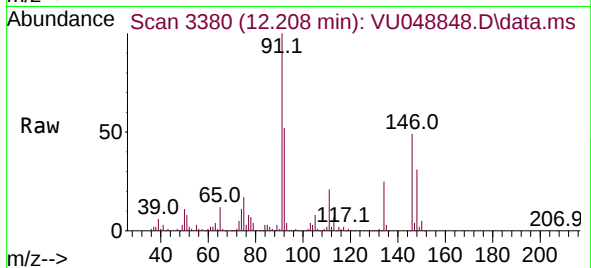
Tgt Ion: 91 Resp: 568796

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.9 12.5 37.5



#90

Hexachloroethane

Concen: 52.749 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048848.D

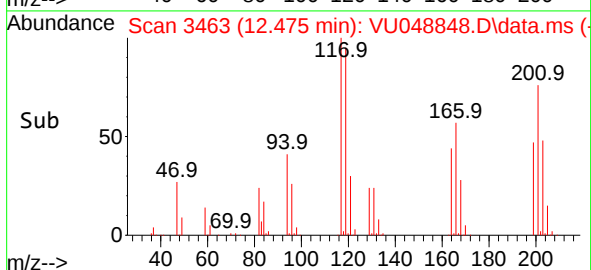
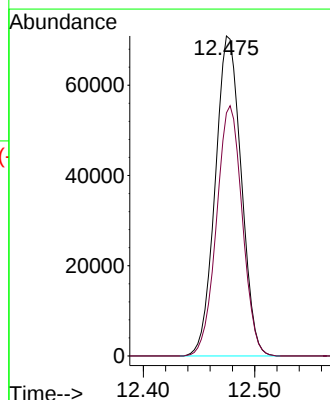
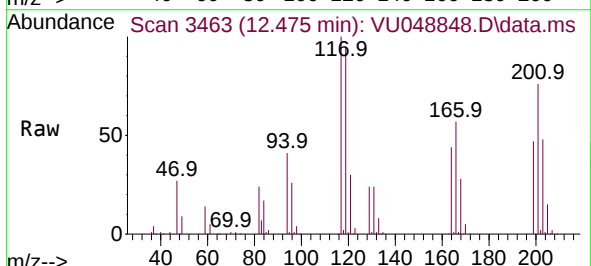
Acq: 03 Jun 2022 11:04

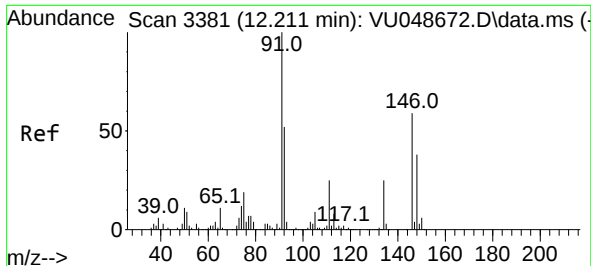
Tgt Ion: 117 Resp: 115209

Ion Ratio Lower Upper

117 100

201 77.4 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 53.157 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

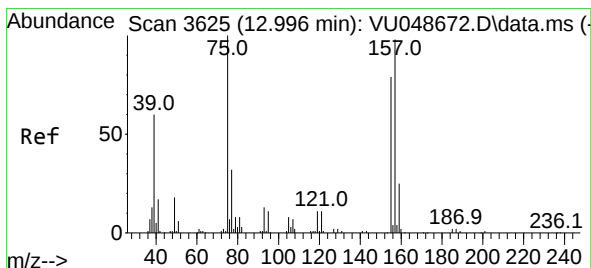
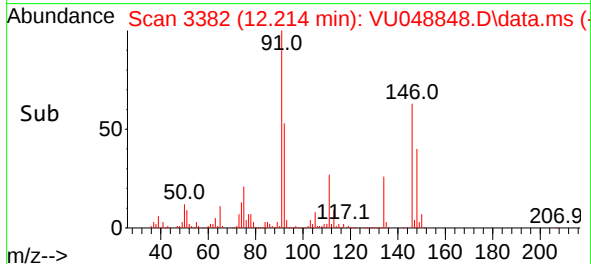
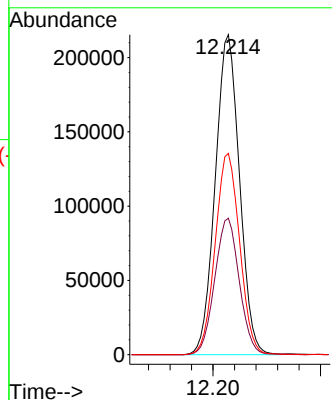
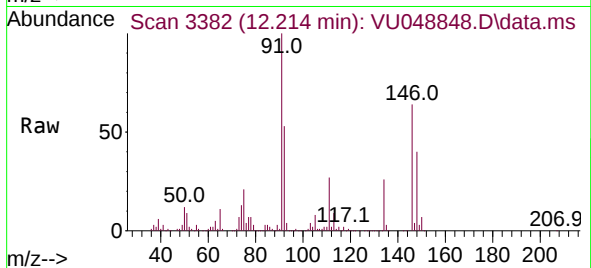
Tgt Ion:146 Resp: 337470

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.3

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.900 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048848.D

Acq: 03 Jun 2022 11:04

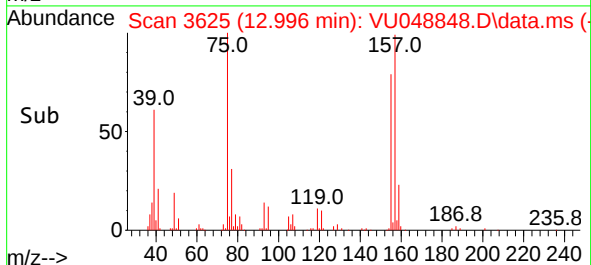
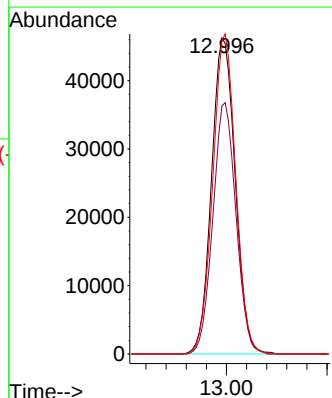
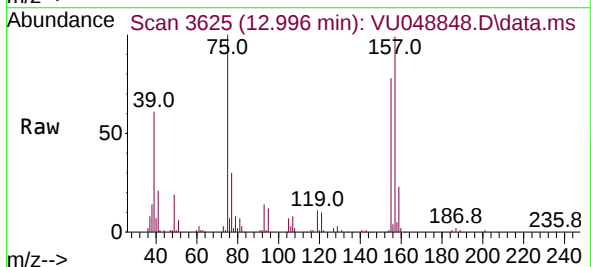
Tgt Ion: 75 Resp: 75587

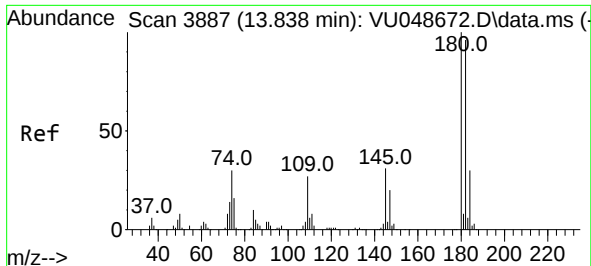
Ion Ratio Lower Upper

75 100

155 77.8 40.3 120.8

157 98.1 50.0 150.0

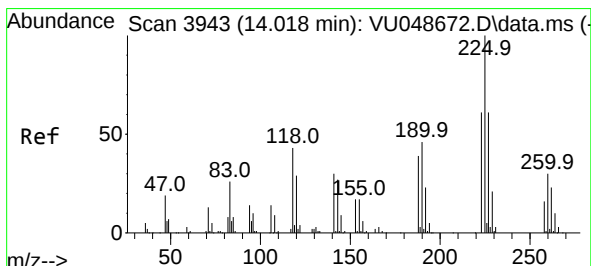
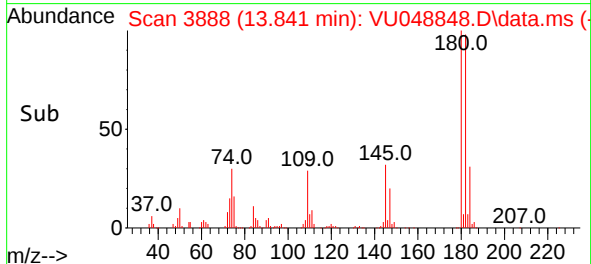
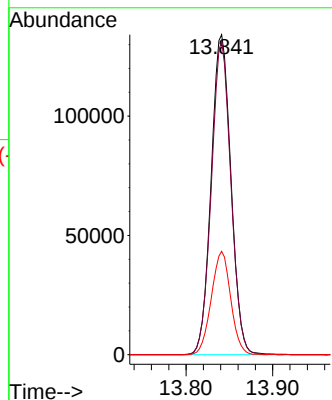
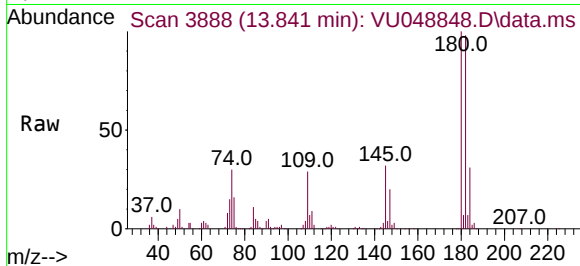




#93
1,2,4-Trichlorobenzene
Concen: 51.084 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

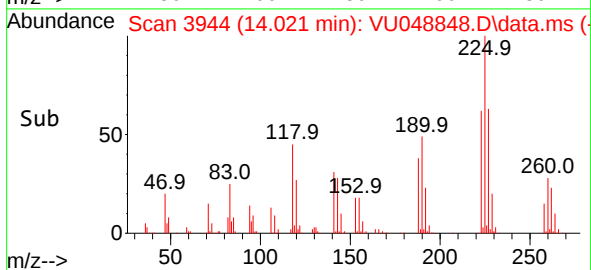
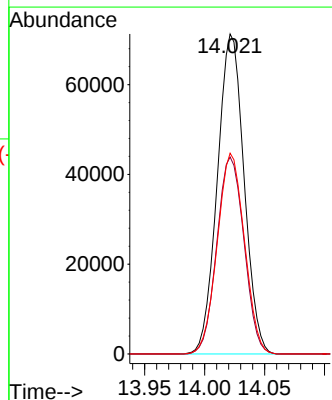
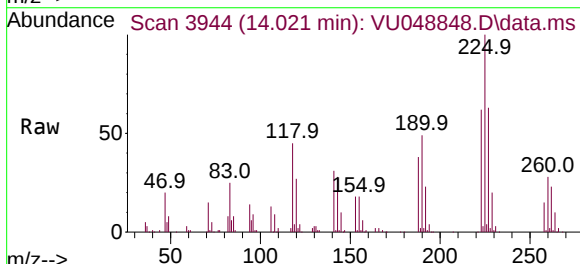
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

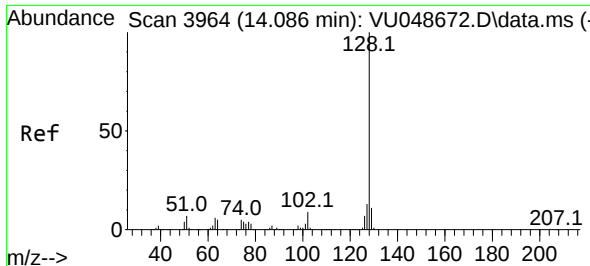
Tgt Ion:180 Resp: 212817
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.9
145 31.7 15.6 46.7



#94
Hexachlorobutadiene
Concen: 55.161 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:225 Resp: 110148
Ion Ratio Lower Upper
225 100
223 62.7 30.9 92.8
227 63.8 31.1 93.5

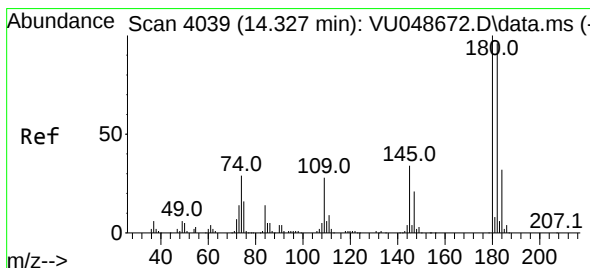
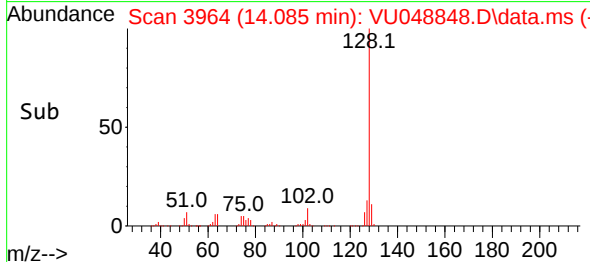
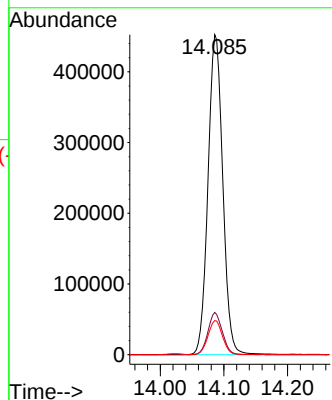
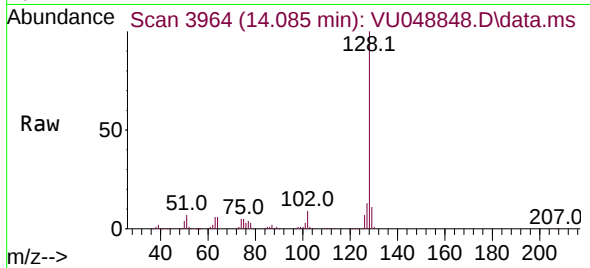




#95
Naphthalene
Concen: 50.120 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 729423
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.040 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048848.D
Acq: 03 Jun 2022 11:04

Tgt Ion:180 Resp: 222983
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.7 16.6 49.8

