

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048673.D
 Acq On : 26 May 2022 11:47
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: May 27 05:36:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	171185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	242383	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	237217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	238080	92.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 185.220%#	
35) Dibromofluoromethane	5.292	113	173231	100.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 200.360%#	
50) Toluene-d8	7.899	98	898281	144.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 289.840%#	
62) 4-Bromofluorobenzene	10.632	95	250782	106.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 213.960%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	155201	79.197	ug/l	99
3) Chloromethane	1.520	50	117478	46.567	ug/l	96
4) Vinyl Chloride	1.604	62	141766	60.673	ug/l	100
5) Bromomethane	1.855	94	134820	92.468	ug/l	99
6) Chloroethane	1.925	64	123509	84.847	ug/l	97
7) Trichlorofluoromethane	2.134	101	363855	109.036	ug/l	98
8) Diethyl Ether	2.375	74	128052	103.986	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	145647	79.735	ug/l	92
10) Methyl Iodide	2.719	142	254753	105.753	ug/l	97
11) Tert butyl alcohol	3.195	59	231300	691.731	ug/l #	43
12) 1,1-Dichloroethene	2.578	96	136963	78.610	ug/l	99
13) Acrolein	2.488	56	66994	266.602	ug/l	98
14) Allyl chloride	2.922	41	195422	57.909	ug/l #	78
15) Acrylonitrile	3.314	53	438076	309.899	ug/l	98
16) Acetone	2.629	43	483502	369.034	ug/l	92
17) Carbon Disulfide	2.790	76	342785	67.395	ug/l	100
18) Methyl Acetate	2.948	43	180141	54.762	ug/l #	88
19) Methyl tert-butyl Ether	3.362	73	557971	84.401	ug/l	94
20) Methylene Chloride	3.044	84	157716	70.789	ug/l	89
21) trans-1,2-Dichloroethene	3.353	96	152660	76.598	ug/l	96
22) Diisopropyl ether	3.993	45	398967	64.093	ug/l #	95
23) Vinyl Acetate	3.954	43	1867642	346.291	ug/l #	93
24) 1,1-Dichloroethane	3.870	63	281581	72.025	ug/l	97
25) 2-Butanone	4.700	43	601389	319.515	ug/l #	89
26) 2,2-Dichloropropane	4.665	77	310898	88.641	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	182975	79.317	ug/l	94
28) Bromochloromethane	4.973	49	99734	65.039	ug/l #	64
29) Tetrahydrofuran	5.051	42	346261	287.399	ug/l #	82
30) Chloroform	5.089	83	331072	84.634	ug/l	97
31) Cyclohexane	5.388	56	218754	67.519	ug/l	86
32) 1,1,1-Trichloroethane	5.317	97	336444	94.801	ug/l	97
36) 1,1-Dichloropropene	5.526	75	230867	91.477	ug/l	98
37) Ethyl Acetate	4.803	43	224418	68.212	ug/l #	97
38) Carbon Tetrachloride	5.526	117	314053	108.466	ug/l	98
39) Methylcyclohexane	6.764	83	251925	95.201	ug/l	93
40) Benzene	5.774	78	619251	83.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	120952	75.020	ug/l	91
42) 1,2-Dichloroethane	5.793	62	294981	101.137	ug/l	98
43) Isopropyl Acetate	5.912	43	354116	76.471	ug/l #	97
44) Trichloroethene	6.542	130	194517	101.333	ug/l	95
45) 1,2-Dichloropropane	6.793	63	149059	79.466	ug/l	98
46) Dibromomethane	6.919	93	130805	93.338	ug/l	90
47) Bromodichloromethane	7.105	83	274119	96.724	ug/l	99
48) Methyl methacrylate	6.960	41	176243	84.780	ug/l	90
49) 1,4-Dioxane	6.989	88	89670	1929.590	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	1291311	429.459	ug/l	97
52) Toluene	7.970	92	680321	152.651	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	405948	132.787	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	298364	94.183	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	277348	141.006	ug/l	97
56) Ethyl methacrylate	8.333	69	365163	133.009	ug/l	97
57) 1,3-Dichloropropane	8.578	76	427456	129.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	286992	534.143	ug/l	91
59) 2-Hexanone	8.690	43	1502406	608.626	ug/l	98
60) Dibromochloromethane	8.812	129	279690	126.854	ug/l	100
61) 1,2-Dibromoethane	8.925	107	269610	124.465	ug/l	100
64) Tetrachloroethene	8.555	164	232689	127.651	ug/l	98
65) Chlorobenzene	9.449	112	494064	98.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	205924	108.131	ug/l	97
67) Ethyl Benzene	9.571	91	851765	100.658	ug/l	100
68) m/p-Xylenes	9.693	106	685482	207.122	ug/l	98
69) o-Xylene	10.102	106	333412	102.541	ug/l	100
70) Styrene	10.115	104	571692	106.895	ug/l	99
71) Bromoform	10.291	173	202585	115.054	ug/l #	99
73) Isopropylbenzene	10.484	105	894596	86.100	ug/l	99
74) N-amyl acetate	10.320	43	318830	70.978	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	292205	68.915	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	375025	84.597	ug/l	97
77) Bromobenzene	10.783	156	240463	86.175	ug/l	90
78) n-propylbenzene	10.906	91	1037190	83.774	ug/l	98
79) 2-Chlorotoluene	10.986	91	629374	81.744	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	830631	91.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	105432	73.772	ug/l	92
82) 4-Chlorotoluene	11.095	91	763648	85.964	ug/l	98
83) tert-Butylbenzene	11.420	119	784768	90.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	805998	91.646	ug/l	100
85) sec-Butylbenzene	11.645	105	950688	87.628	ug/l	97
86) p-Isopropyltoluene	11.793	119	911093	97.791	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	474131	86.663	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	682363	120.720	ug/l	99
89) n-Butylbenzene	12.211	91	1131889	138.249	ug/l	99
90) Hexachloroethane	12.475	117	195045	102.579	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	643728	116.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	150818	123.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	472657	130.324	ug/l	99
94) Hexachlorobutadiene	14.021	225	205083	117.973	ug/l	98
95) Naphthalene	14.086	128	1577464	140.234	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	463181	128.942	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

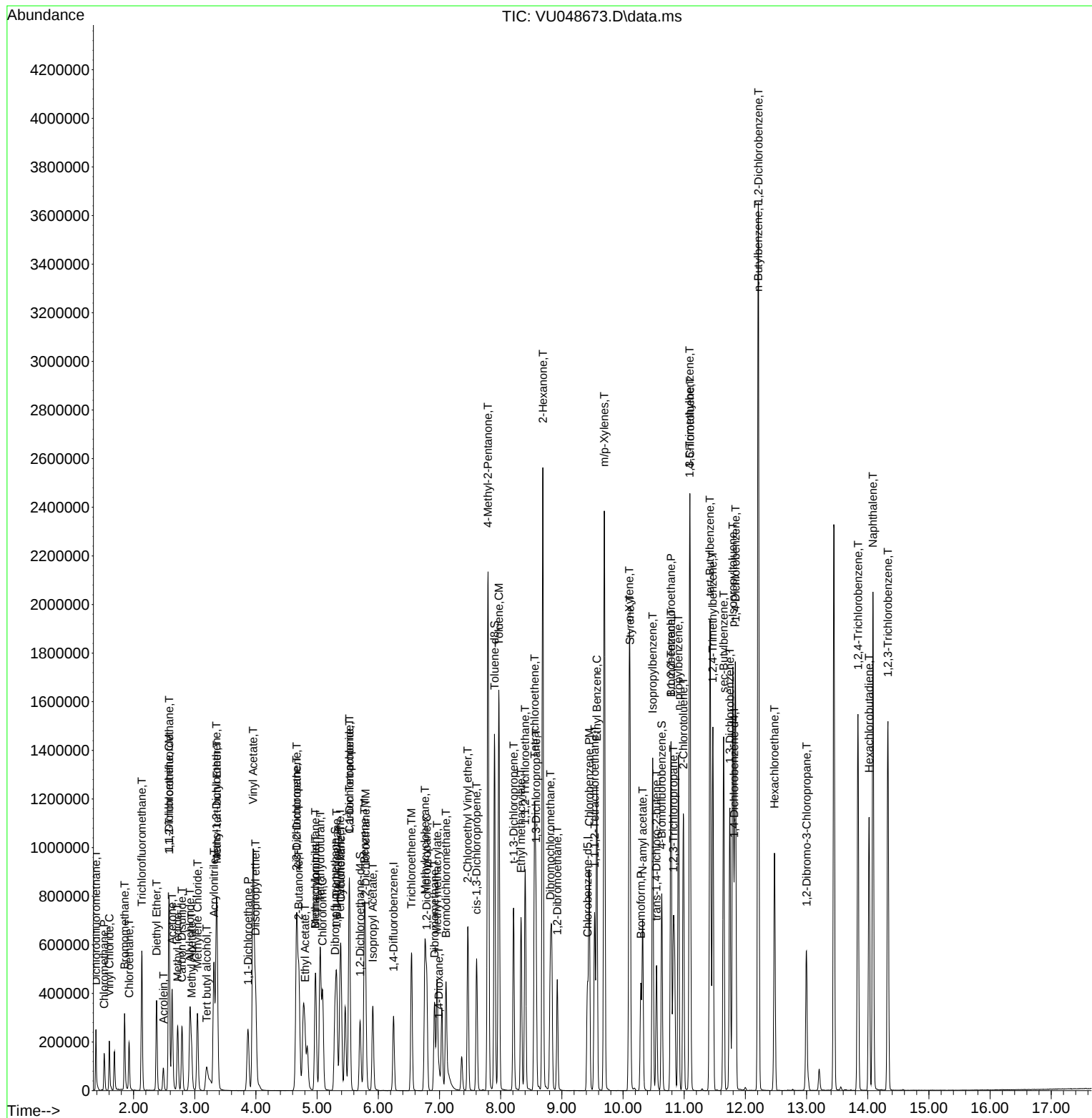
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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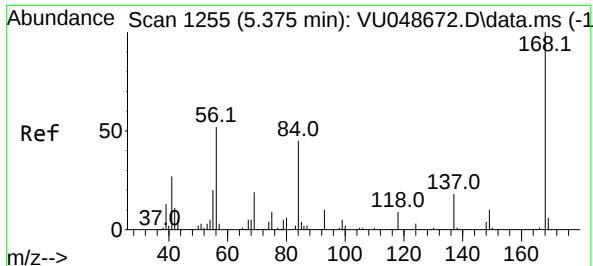
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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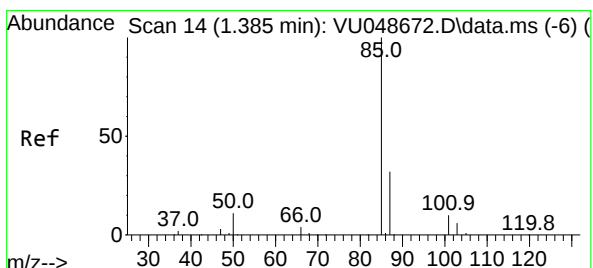
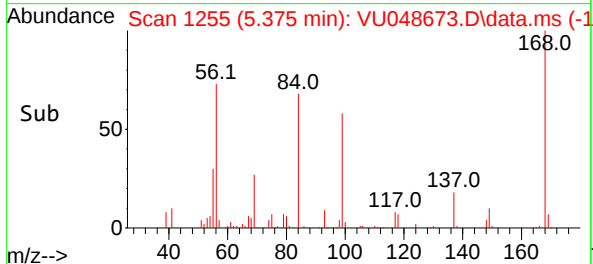
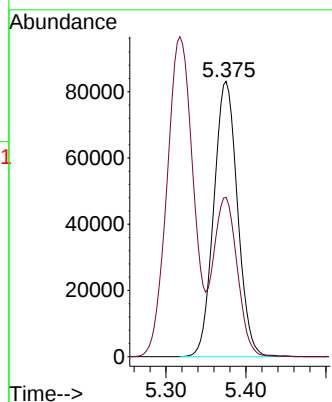
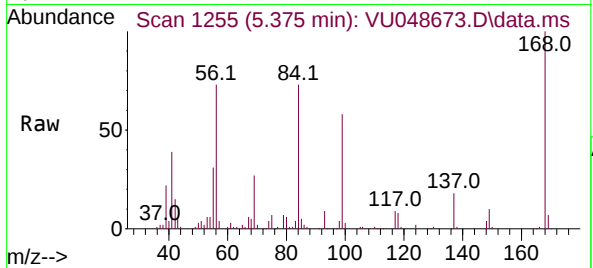




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048673.D
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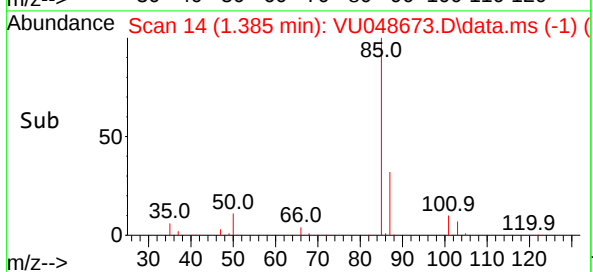
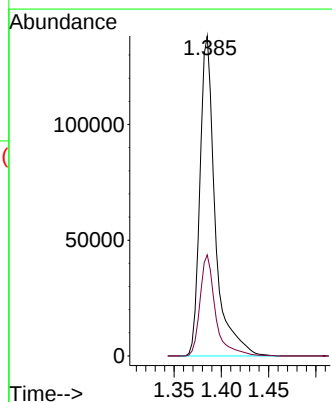
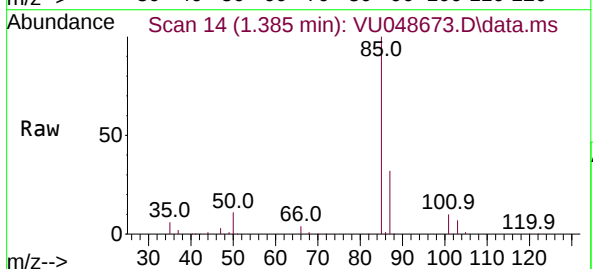
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

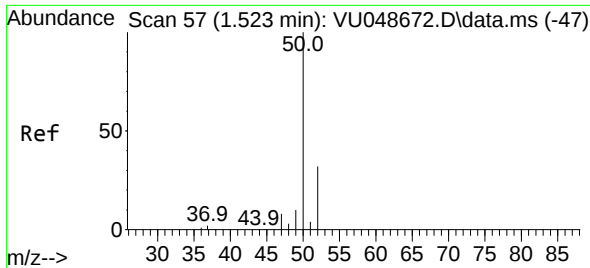
Tgt Ion:168 Resp: 171185
Ion Ratio Lower Upper
168 100
99 57.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 79.197 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 85 Resp: 155201
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0

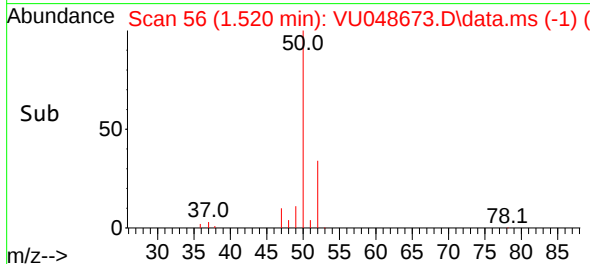
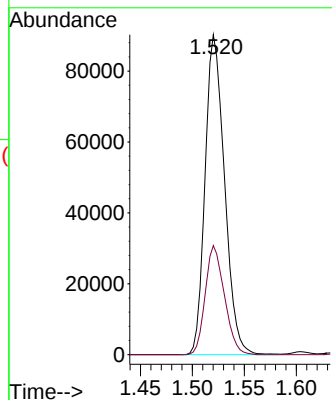
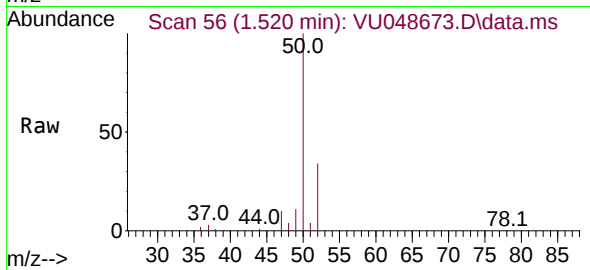




#3
Chloromethane
Concen: 46.567 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048673.D
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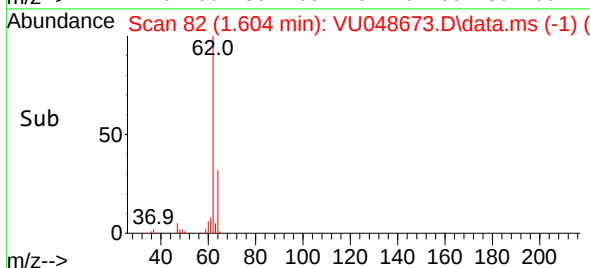
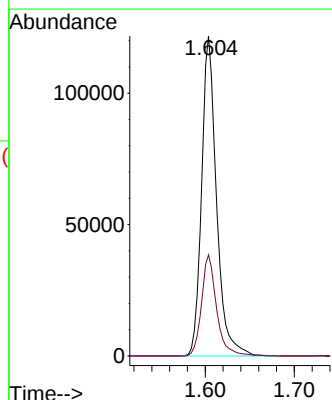
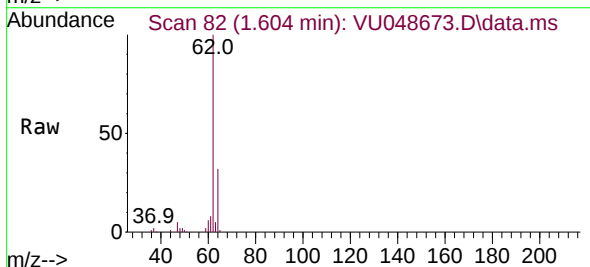
Instrument :
MSVOA_U
ClientSampleId :
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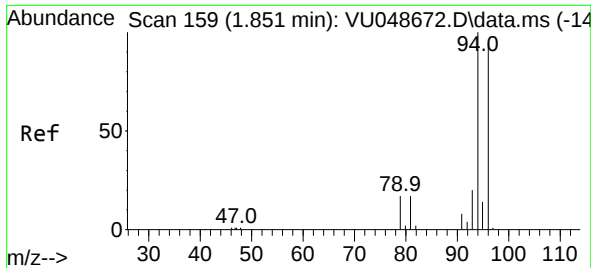
Tgt Ion: 50 Resp: 117478
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5



#4
Vinyl Chloride
Concen: 60.673 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 62 Resp: 141766
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8

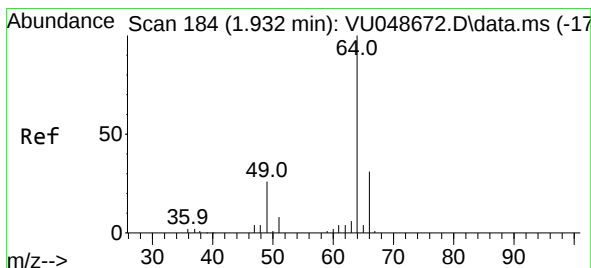
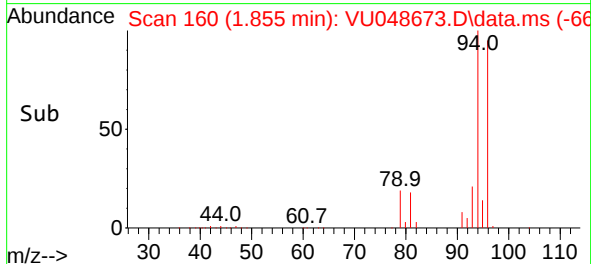
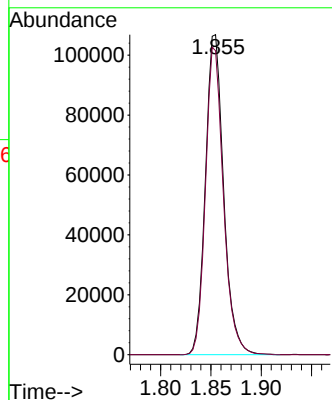
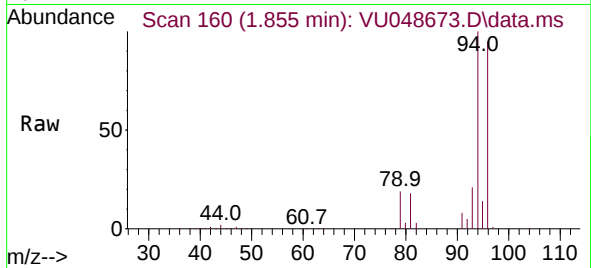




#5
Bromomethane
Concen: 92.468 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048673.D
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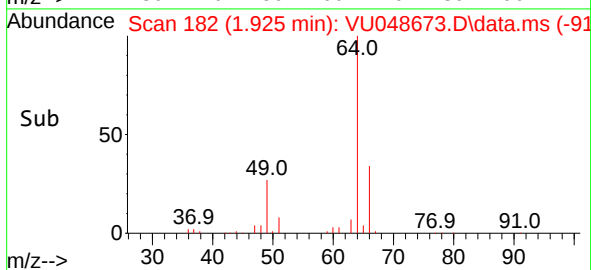
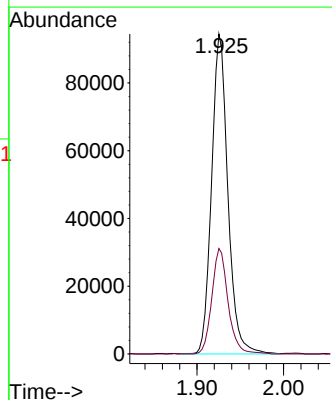
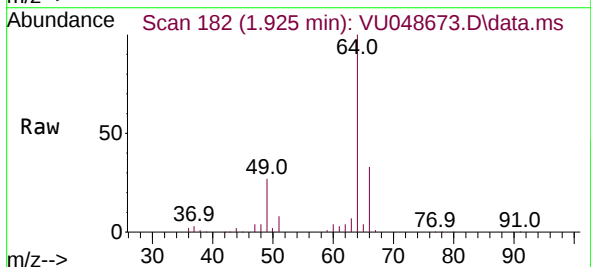
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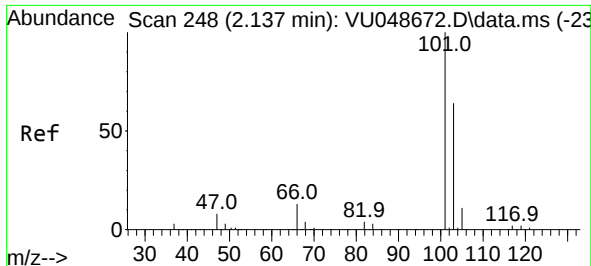
Tgt Ion: 94 Resp: 134820
Ion Ratio Lower Upper
94 100
96 95.0 75.1 112.7



#6
Chloroethane
Concen: 84.847 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.006 min
Lab File: VU048673.D
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Tgt Ion: 64 Resp: 123509
Ion Ratio Lower Upper
64 100
66 32.9 25.2 37.8

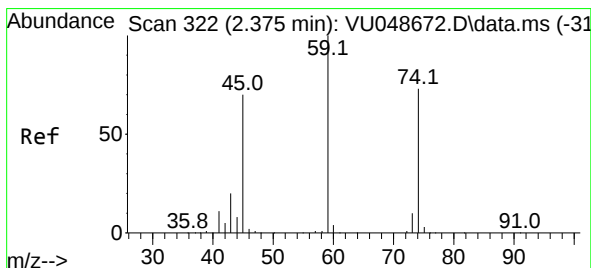
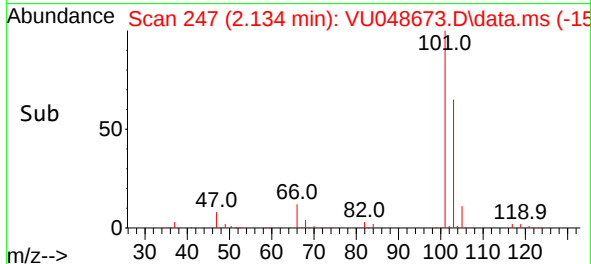
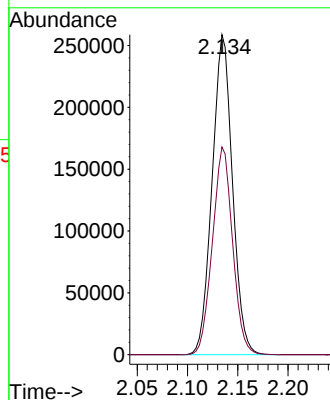
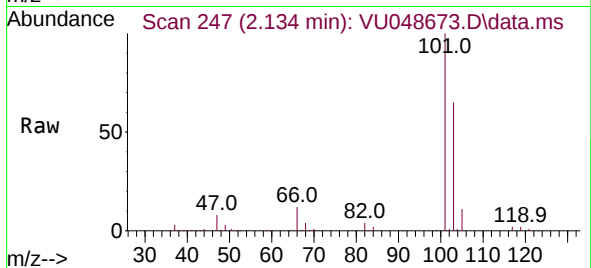




#7
 Trichlorofluoromethane
 Concen: 109.036 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

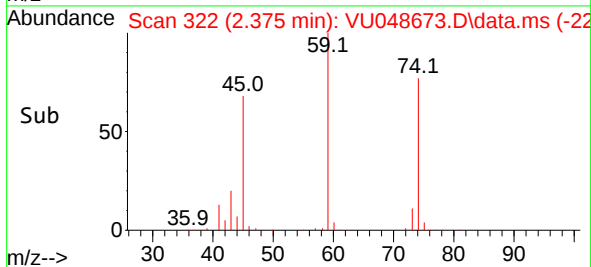
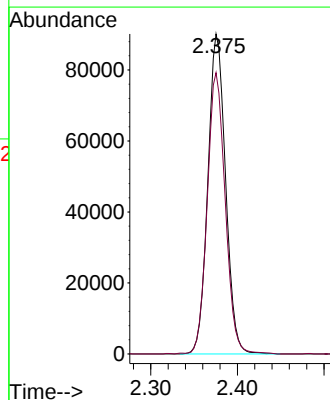
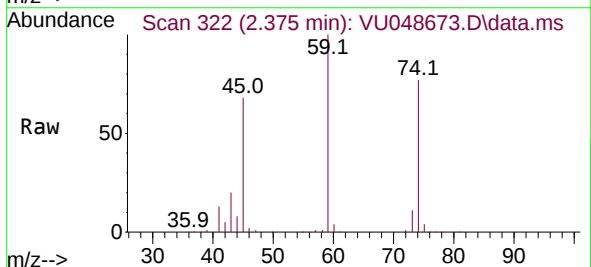
Instrument :
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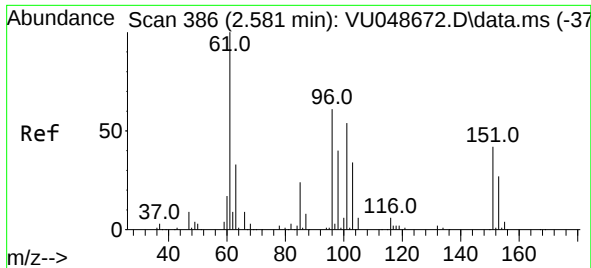
Tgt Ion:101 Resp: 363855
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.4



#8
 Diethyl Ether
 Concen: 103.986 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 128052
 Ion Ratio Lower Upper
 74 100
 45 89.5 47.7 143.1

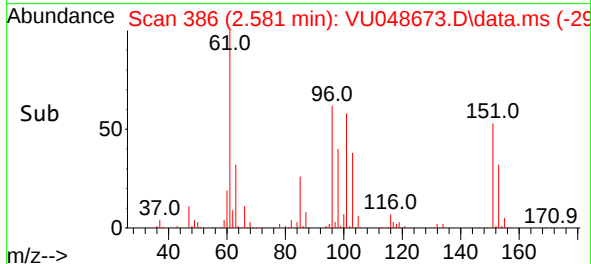
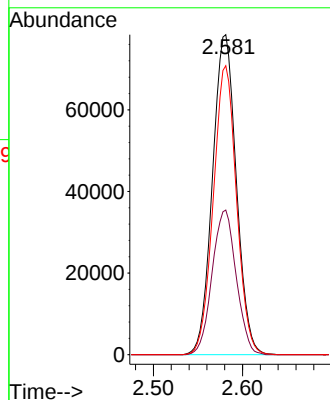
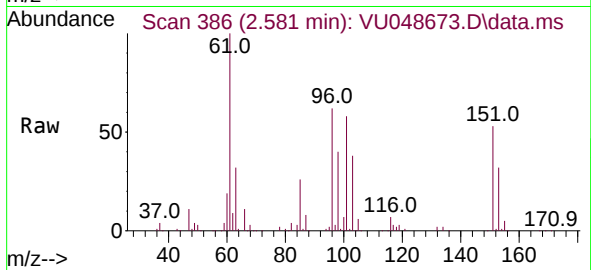




#9
1,1,2-Trichlorotrifluoroethane
Concen: 79.735 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

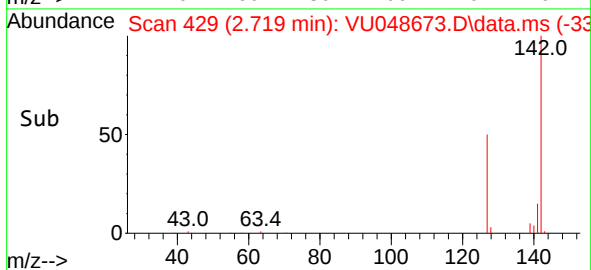
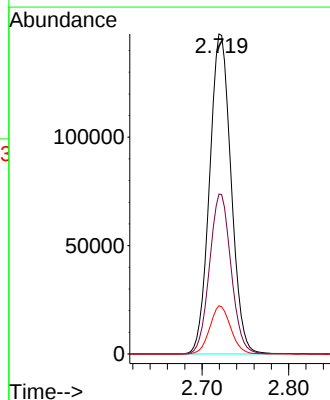
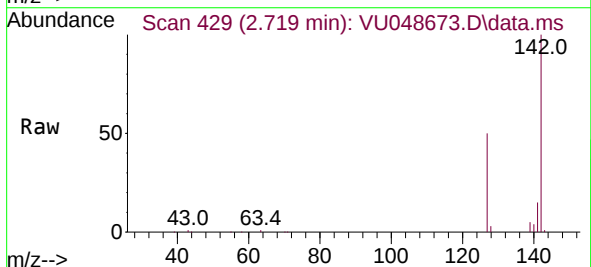
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 145647
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 87.9 62.5 93.7



#10
Methyl Iodide
Concen: 105.753 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:142 Resp: 254753
Ion Ratio Lower Upper
142 100
127 50.2 38.4 57.6
141 14.6 11.5 17.3

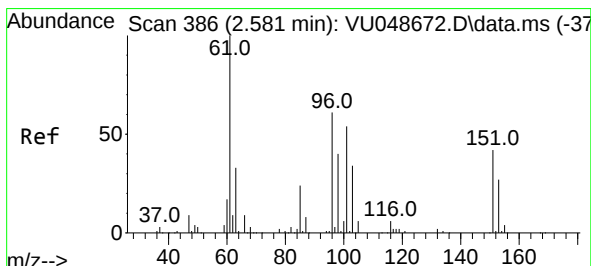
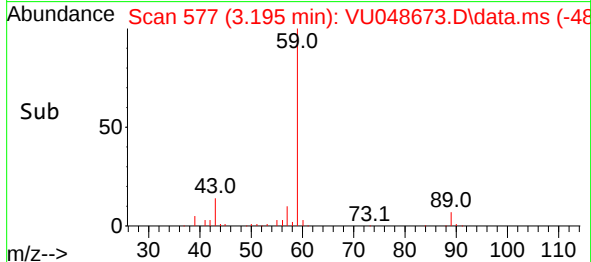
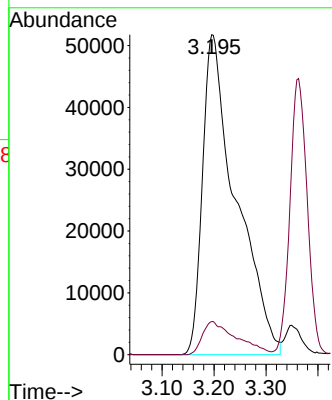
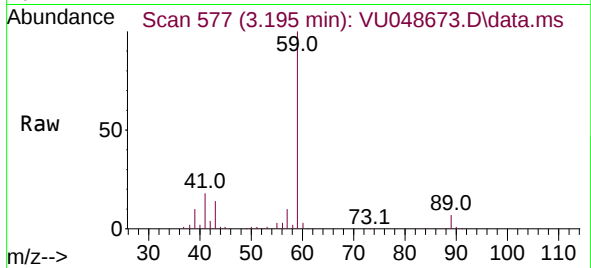




#11
Tert butyl alcohol
Concen: 691.731 ug/l
RT: 3.195 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

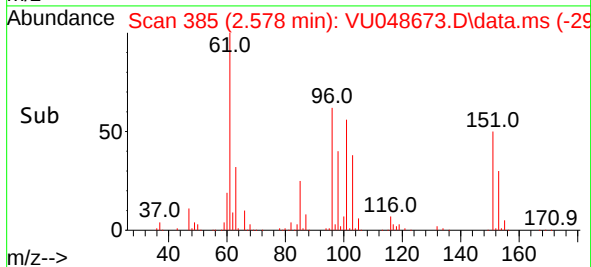
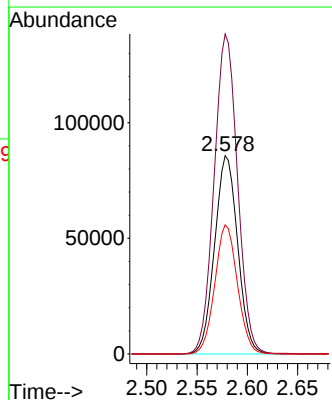
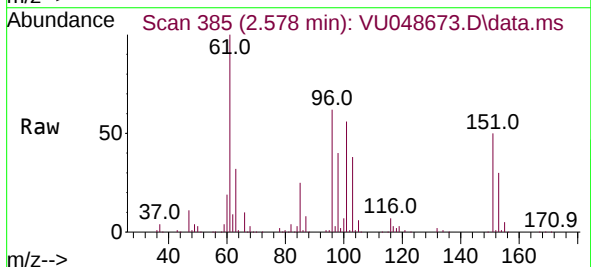
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 231300
Ion Ratio Lower Upper
59 100
57 10.7 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 78.610 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 96 Resp: 136963
Ion Ratio Lower Upper
96 100
61 161.4 131.1 196.7
98 65.2 51.8 77.8

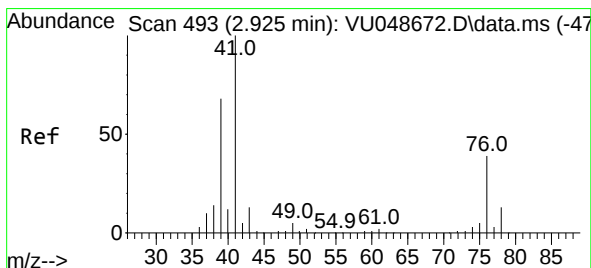
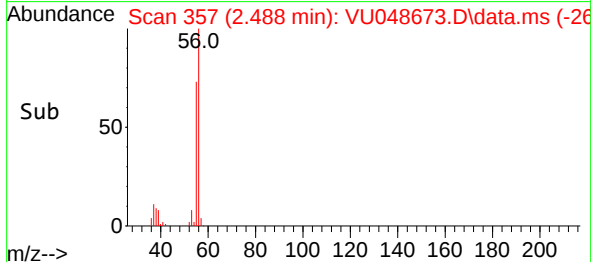
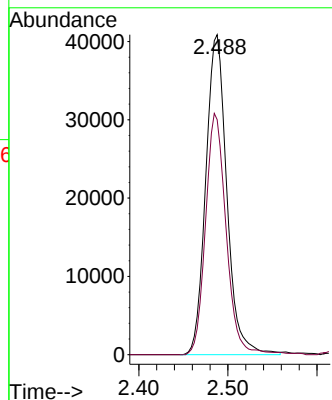
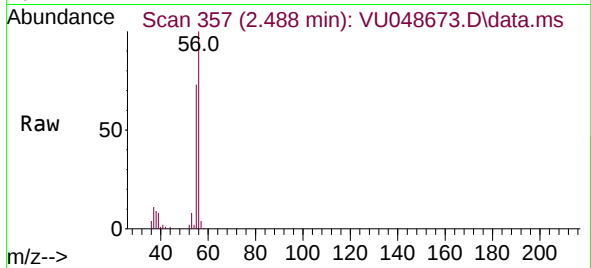




#13
Acrolein
Concen: 266.602 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

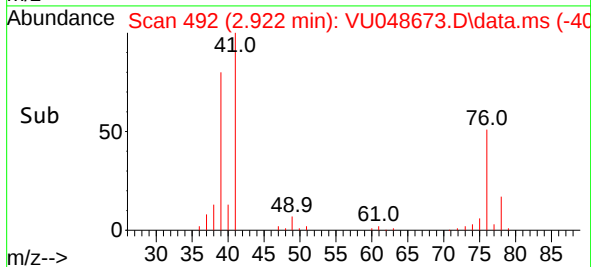
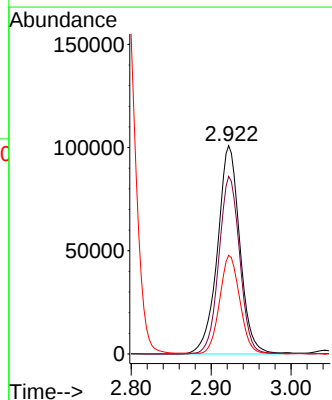
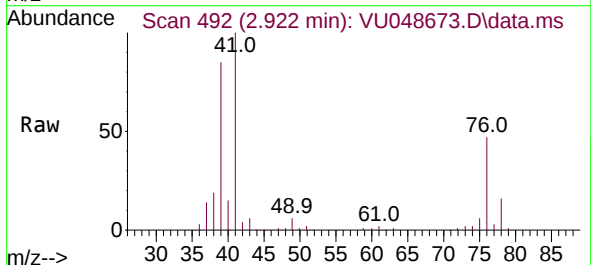
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

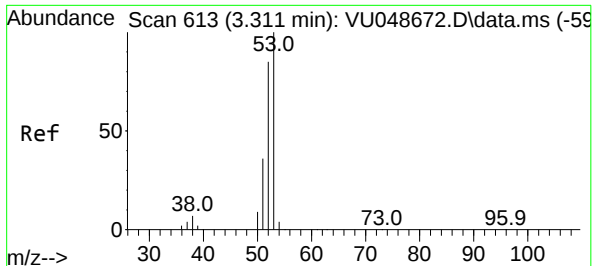
Tgt Ion: 56 Resp: 66994
Ion Ratio Lower Upper
56 100
55 73.8 57.7 86.5



#14
Allyl chloride
Concen: 57.909 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 41 Resp: 195422
Ion Ratio Lower Upper
41 100
39 79.6 48.6 72.8#
76 42.6 27.0 40.4#

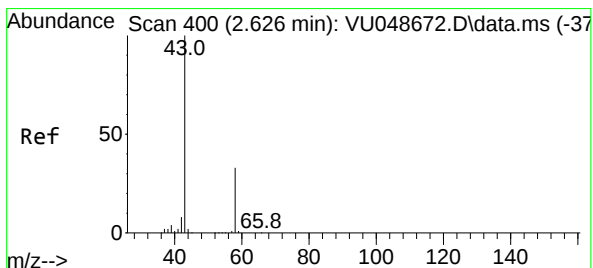
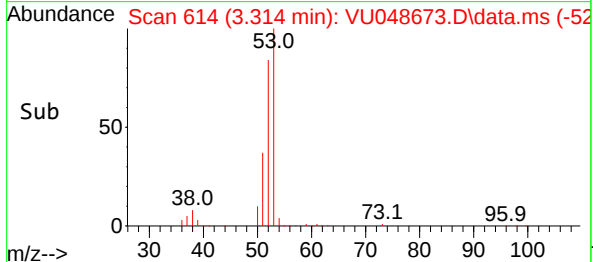
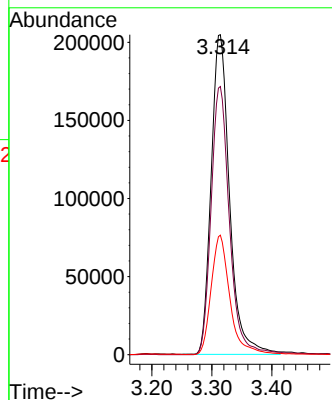
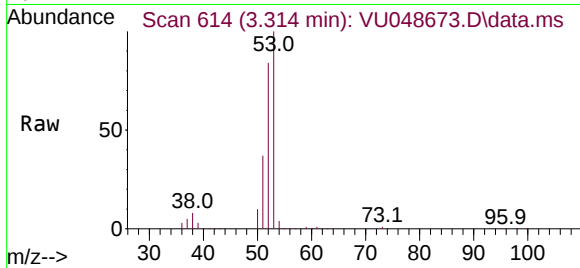




#15
Acrylonitrile
Concen: 309.899 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

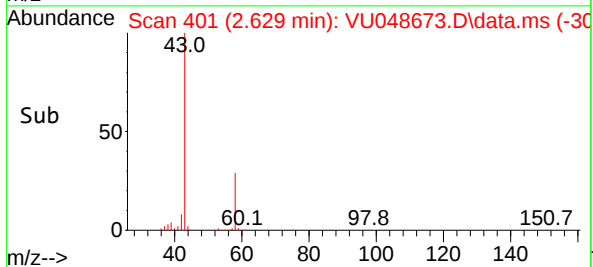
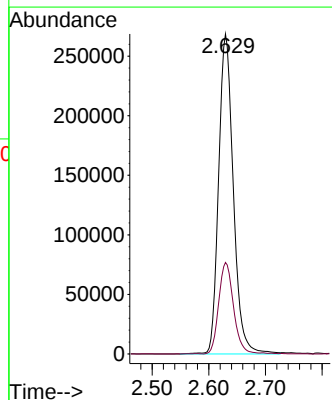
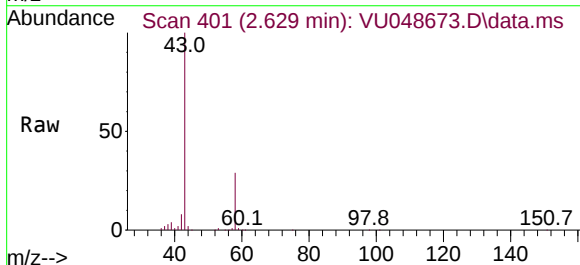
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

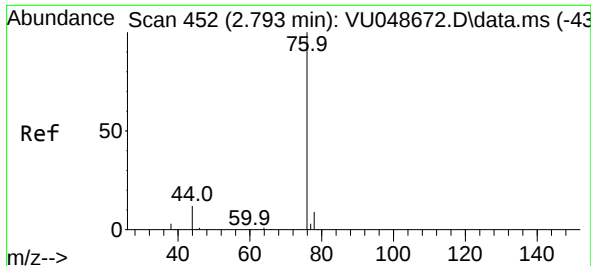
Tgt Ion: 53 Resp: 438076
Ion Ratio Lower Upper
53 100
52 84.2 66.3 99.5
51 37.8 28.6 42.8



#16
Acetone
Concen: 369.034 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 43 Resp: 483502
Ion Ratio Lower Upper
43 100
58 28.6 26.3 39.5

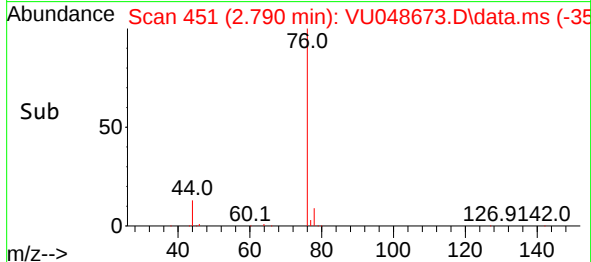
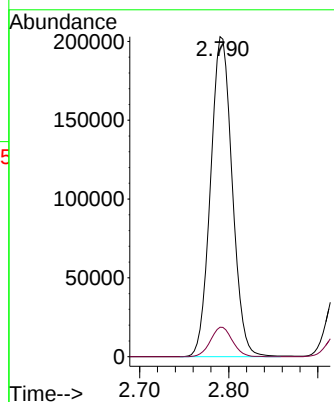
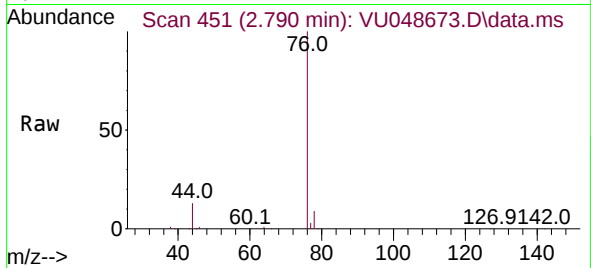




#17
Carbon Disulfide
Concen: 67.395 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

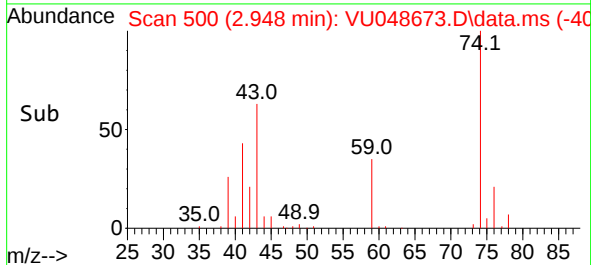
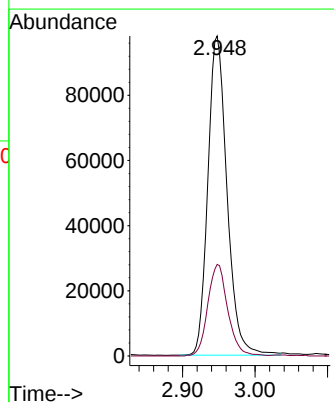
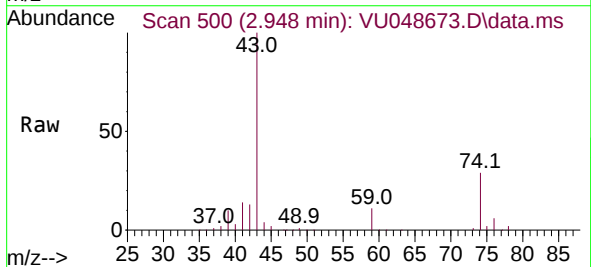
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 342785
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 54.762 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 43 Resp: 180141
Ion Ratio Lower Upper
43 100
74 29.9 19.2 28.8#

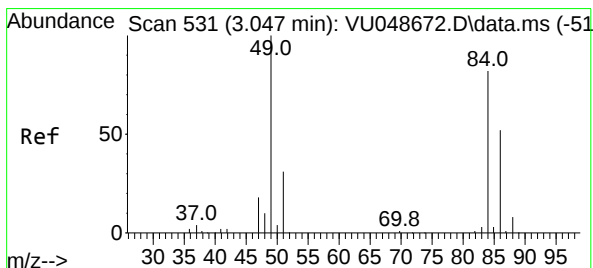
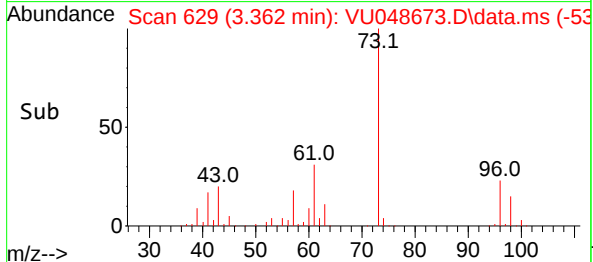
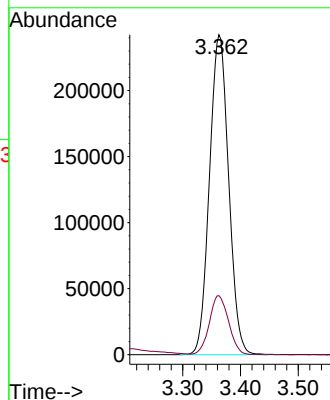
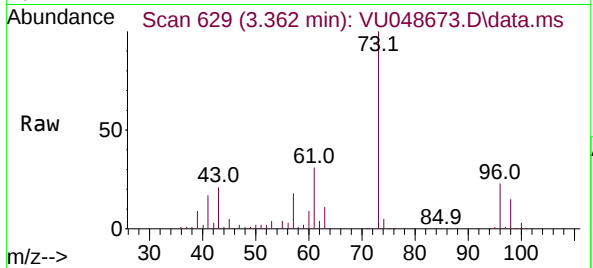




#19
Methyl tert-butyl Ether
Concen: 84.401 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

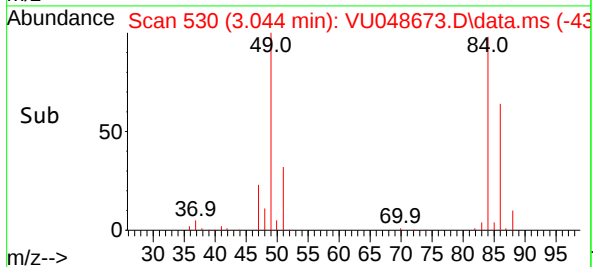
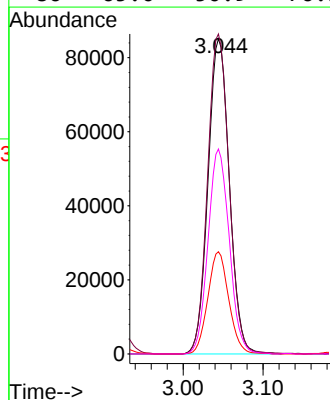
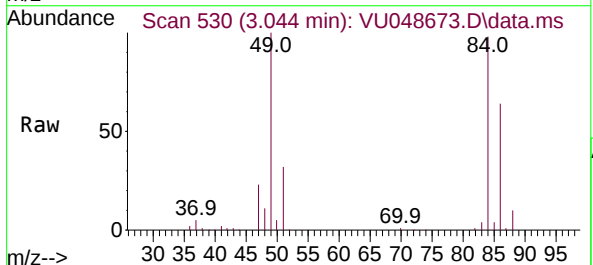
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

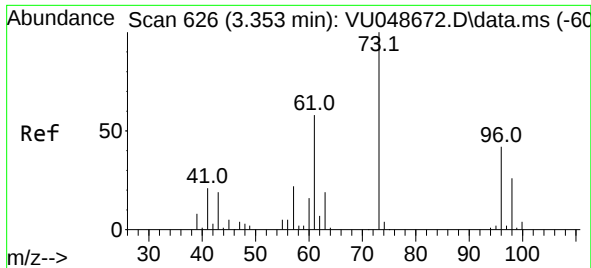
Tgt Ion: 73 Resp: 557971
Ion Ratio Lower Upper
73 100
57 18.4 17.1 25.7



#20
Methylene Chloride
Concen: 70.789 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 84 Resp: 157716
Ion Ratio Lower Upper
84 100
49 101.5 97.0 145.4
51 32.5 29.8 44.8
86 65.0 50.9 76.3

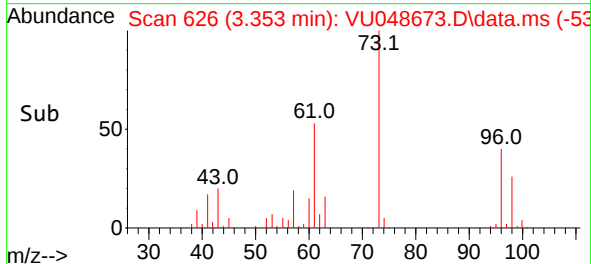
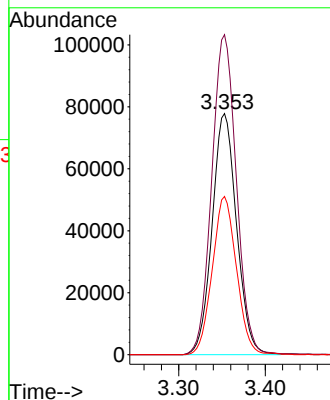
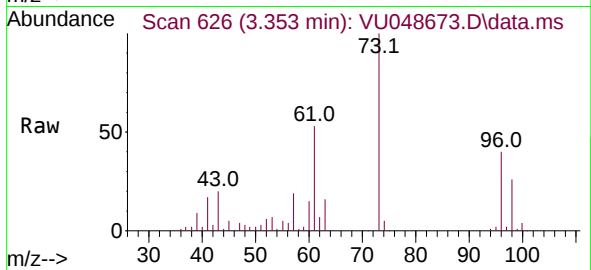




#21
trans-1,2-Dichloroethene
Concen: 76.598 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

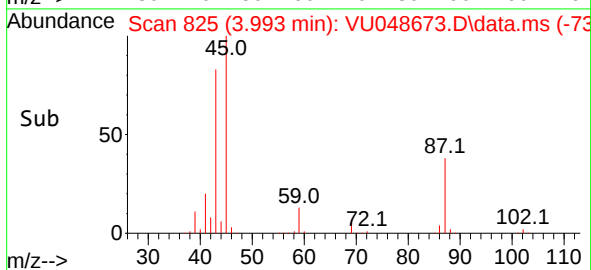
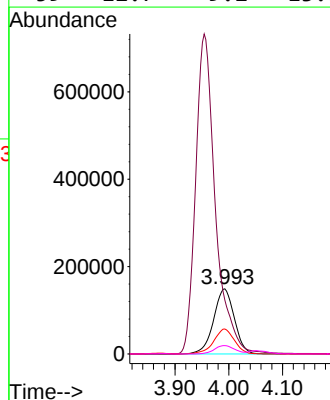
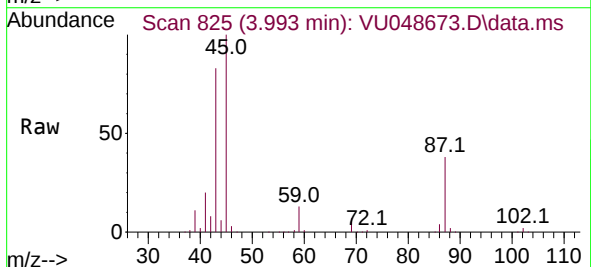
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

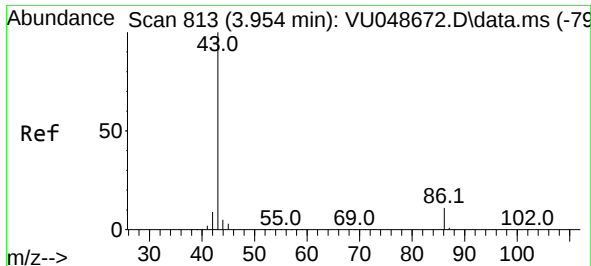
Tgt Ion: 96 Resp: 152660
Ion Ratio Lower Upper
96 100
61 132.7 109.4 164.2
98 65.6 48.9 73.3



#22
Diisopropyl ether
Concen: 64.093 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 45 Resp: 398967
Ion Ratio Lower Upper
45 100
43 81.5 65.2 97.8
87 38.4 22.7 34.1#
59 12.7 9.2 13.8

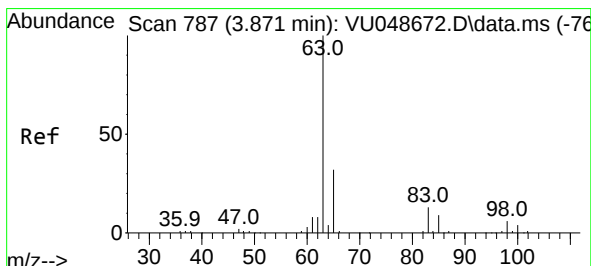
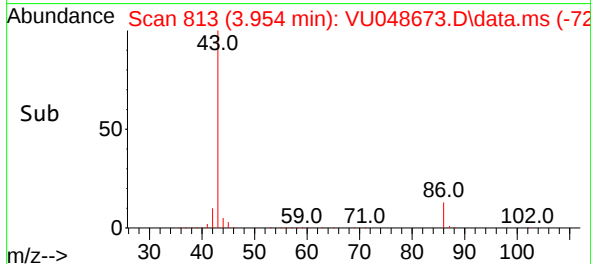
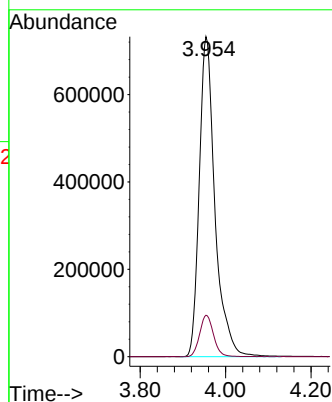
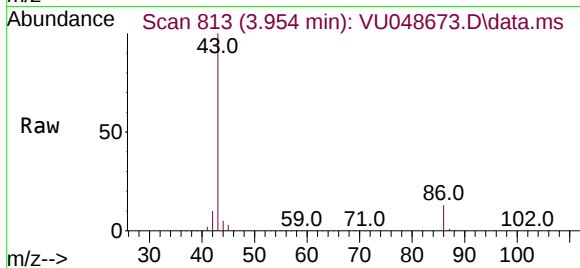




#23
 Vinyl Acetate
 Concen: 346.291 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

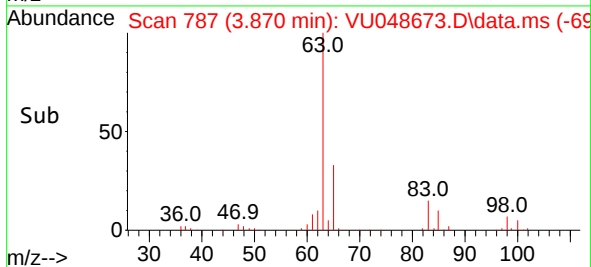
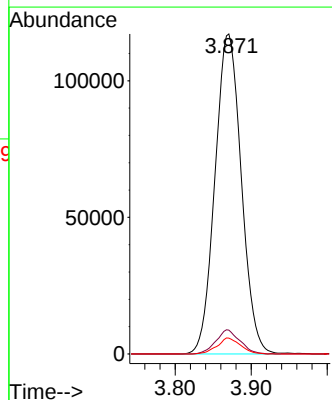
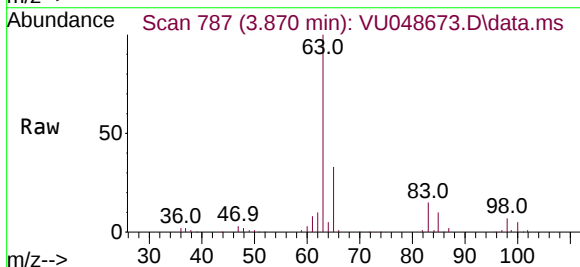
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

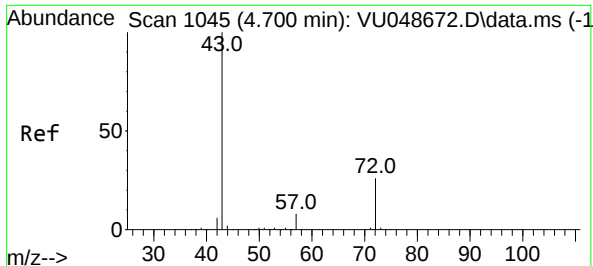
Tgt Ion: 43 Resp: 1867642
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 72.025 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

Tgt Ion: 63 Resp: 281581
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.3
 100 5.0 2.0 5.8





#25

2-Butanone

Concen: 319.515 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

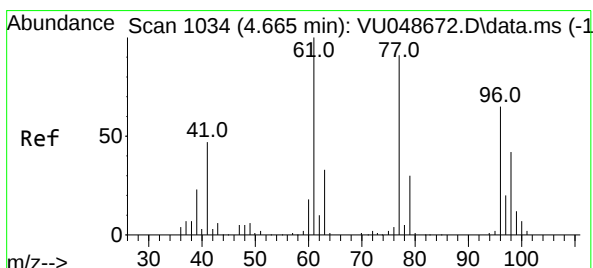
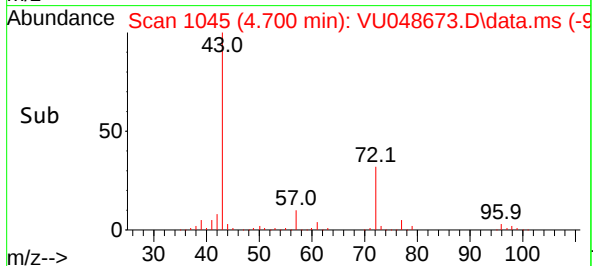
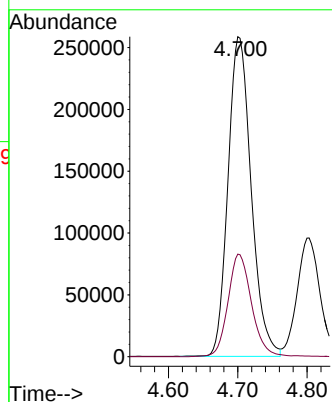
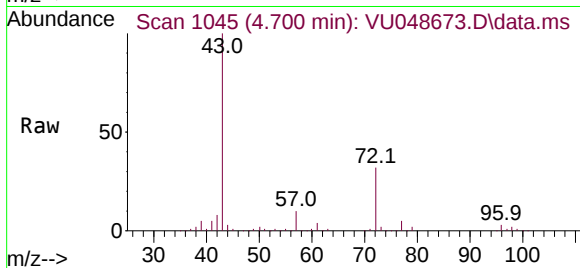
VSTDIC100

Tgt Ion: 43 Resp: 601389

Ion Ratio Lower Upper

43 100

72 32.1 21.1 31.7#



#26

2,2-Dichloropropane

Concen: 88.641 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048673.D

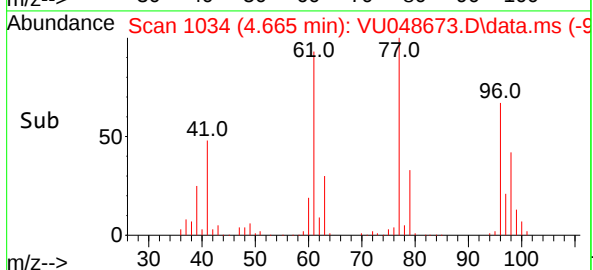
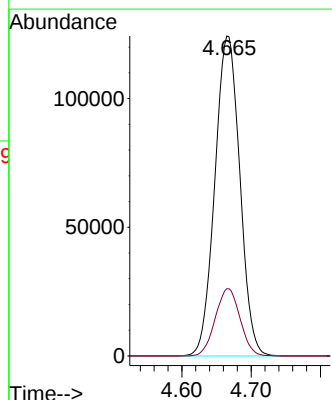
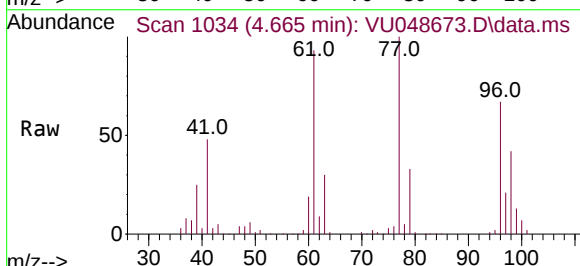
Acq: 26 May 2022 11:47

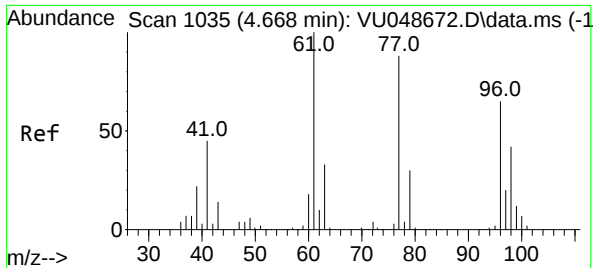
Tgt Ion: 77 Resp: 310898

Ion Ratio Lower Upper

77 100

97 20.9 11.1 33.1

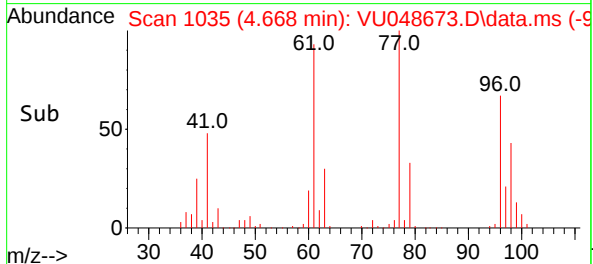
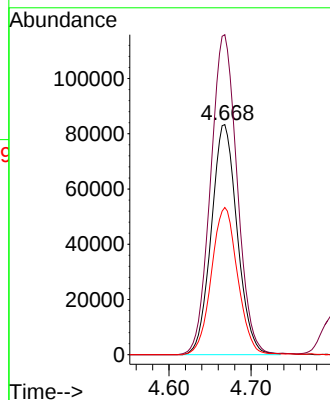
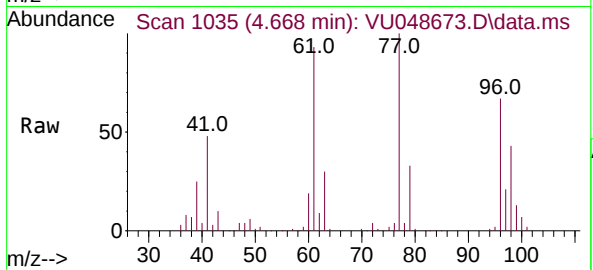




#27
 cis-1,2-Dichloroethene
 Concen: 79.317 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

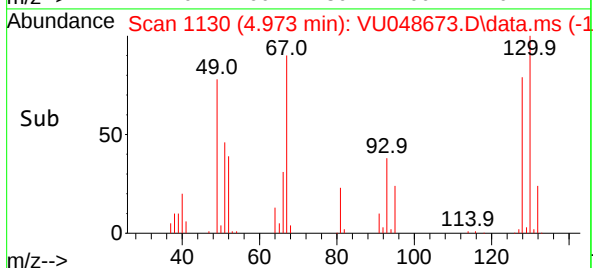
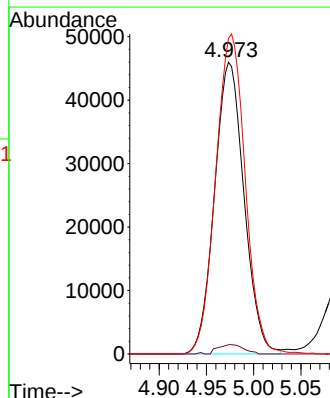
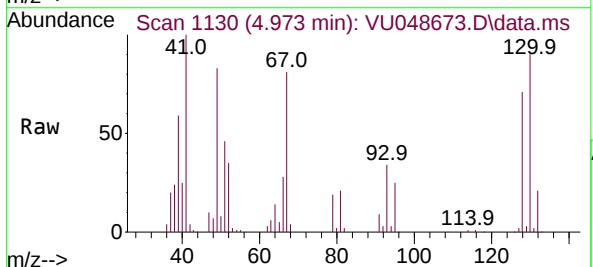
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

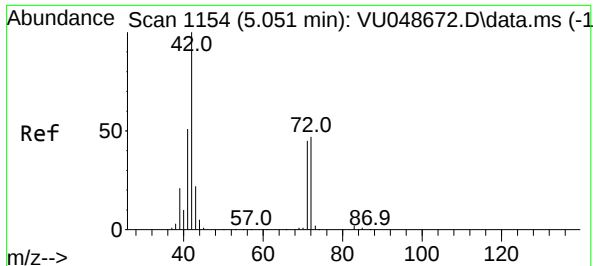
Tgt Ion:	96	Resp:	182975
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	306.2
98	64.9	0.0	130.4



#28
 Bromochloromethane
 Concen: 65.039 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

Tgt Ion:	49	Resp:	99734
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.0
130	109.9	62.1	93.1#





#29

Tetrahydrofuran

Concen: 287.399 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

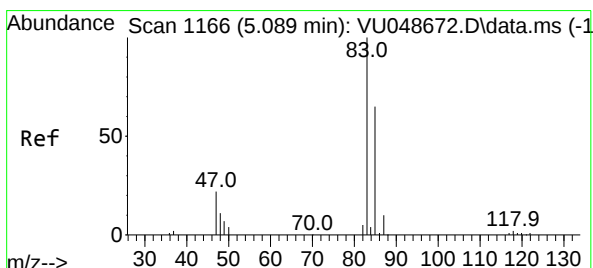
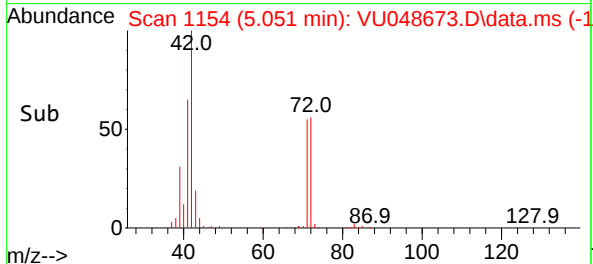
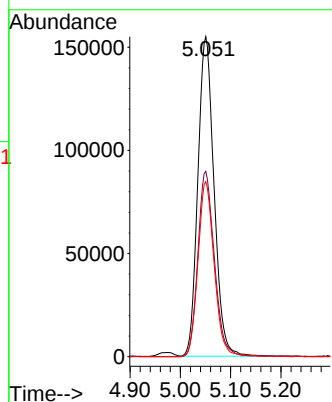
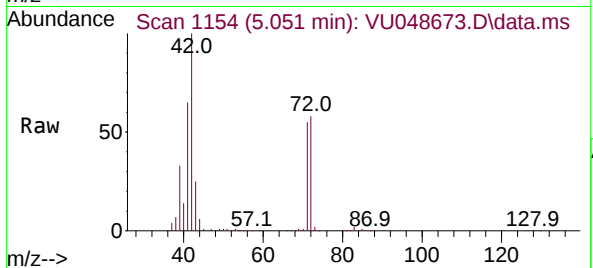
Tgt Ion: 42 Resp: 346261

Ion Ratio Lower Upper

42 100

72 59.1 37.6 56.4#

71 54.8 35.0 52.4#



#30

Chloroform

Concen: 84.634 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048673.D

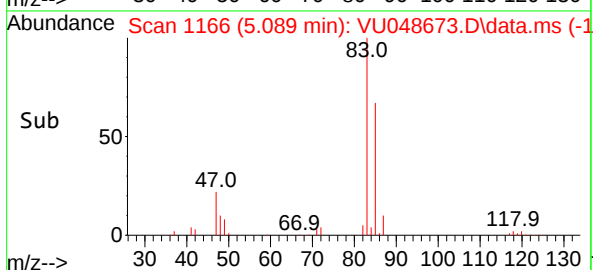
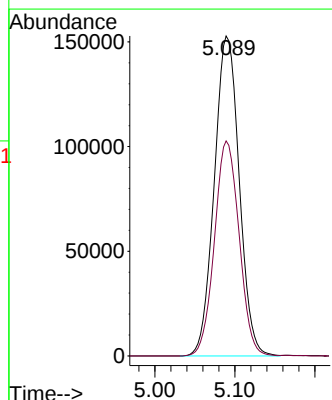
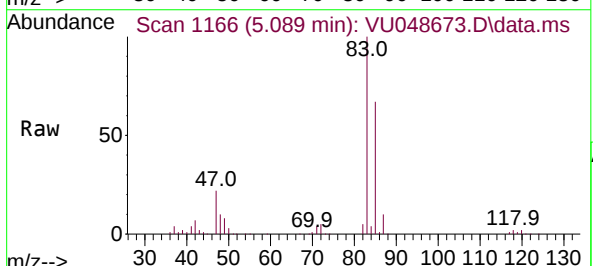
Acq: 26 May 2022 11:47

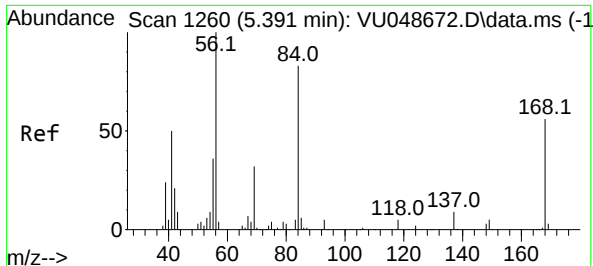
Tgt Ion: 83 Resp: 331072

Ion Ratio Lower Upper

83 100

85 67.2 52.2 78.2

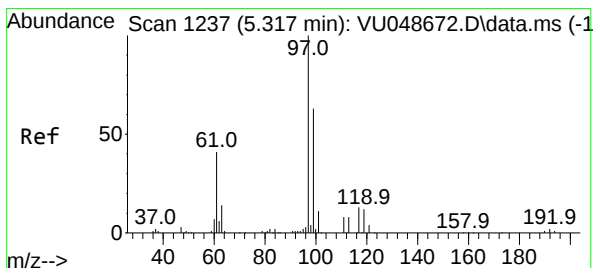
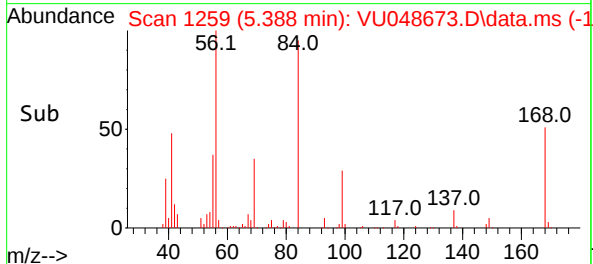
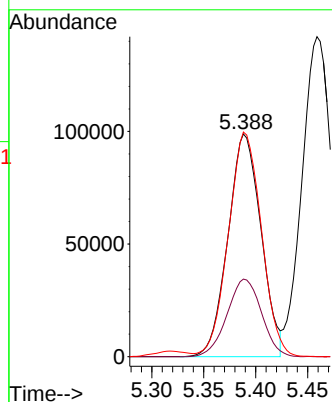
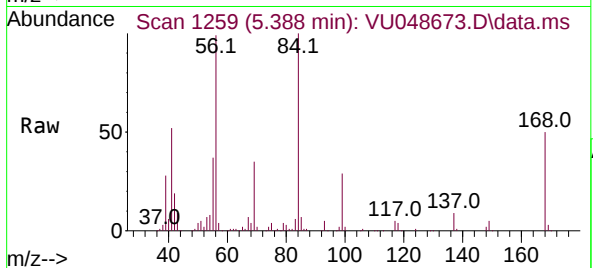




#31
Cyclohexane
Concen: 67.519 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

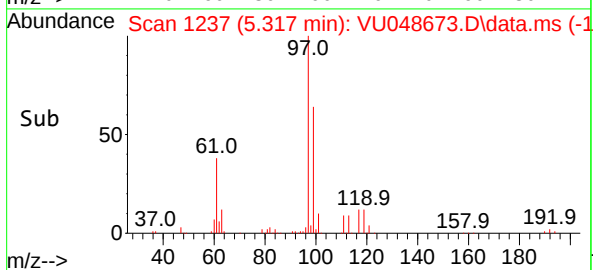
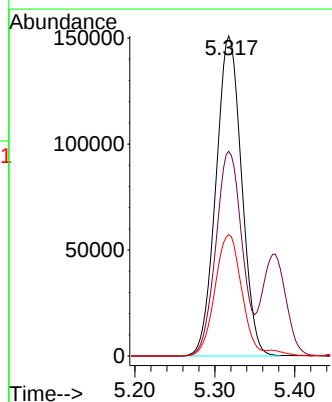
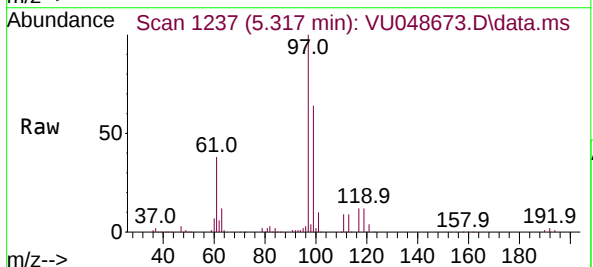
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 218754
Ion Ratio Lower Upper
56 100
69 34.9 25.6 38.4
84 98.7 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 94.801 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 97 Resp: 336444
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 39.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 92.607 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

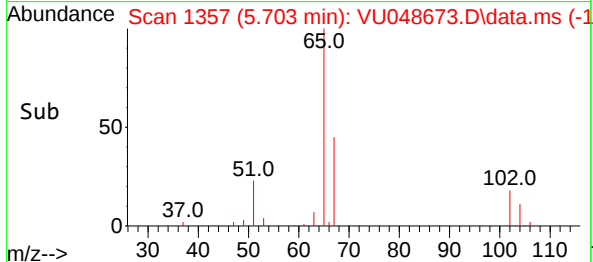
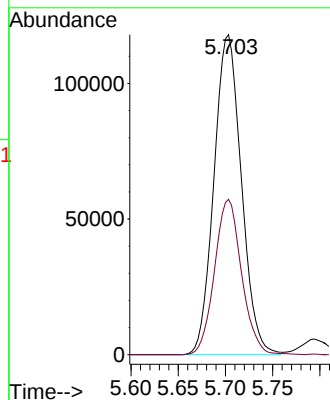
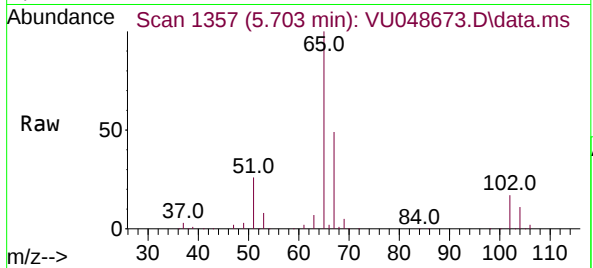
VSTDIC100

Tgt Ion: 65 Resp: 238080

Ion Ratio Lower Upper

65 100

67 47.9 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: VU048673.D

Acq: 26 May 2022 11:47

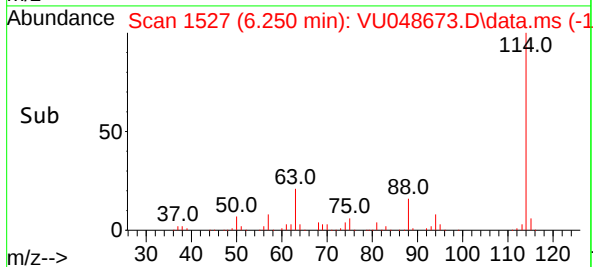
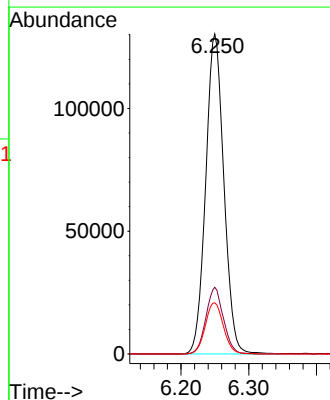
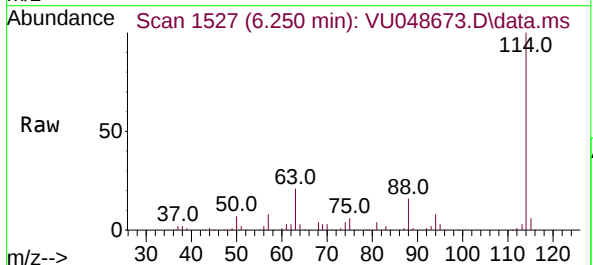
Tgt Ion: 114 Resp: 242383

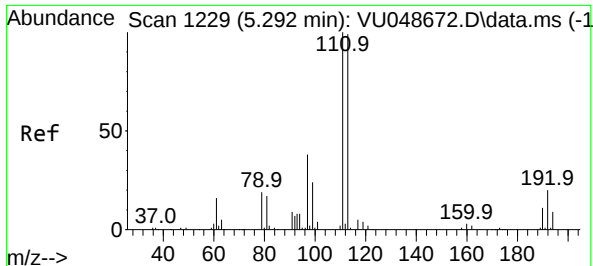
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 16.0 0.0 32.2

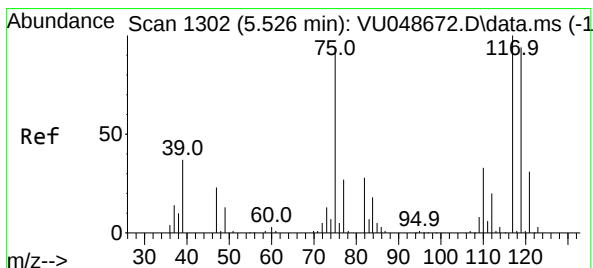
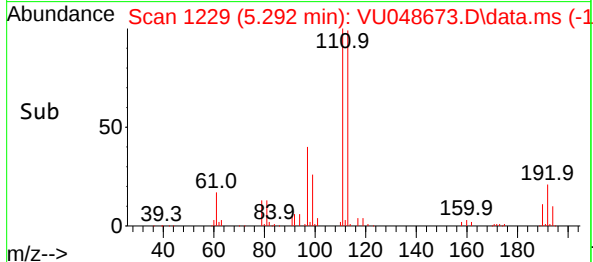
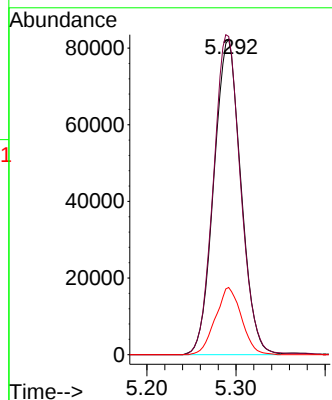
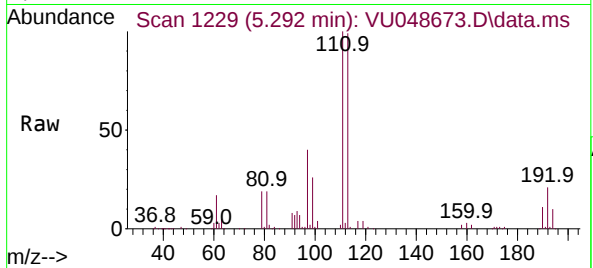




#35
Dibromofluoromethane
Concen: 100.179 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

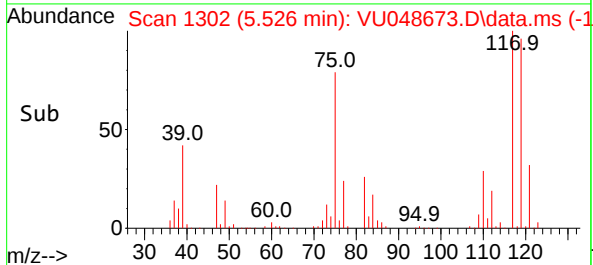
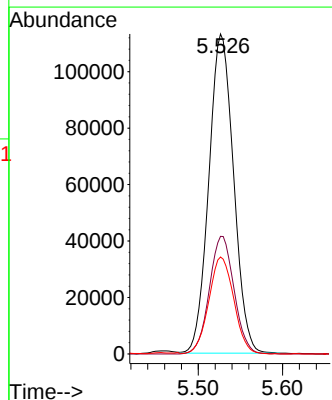
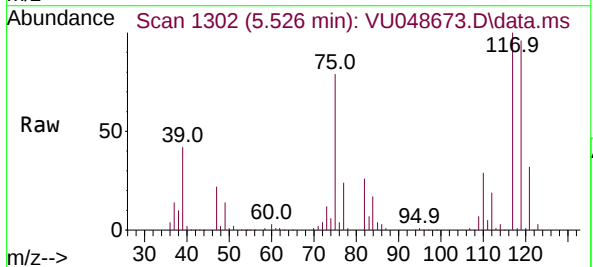
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

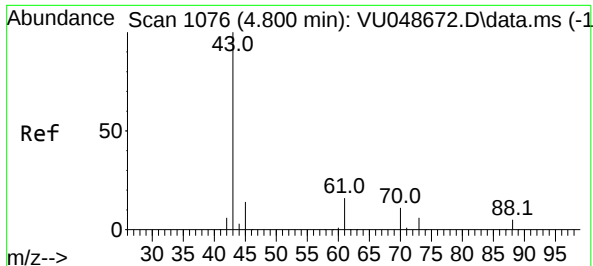
Tgt Ion:113 Resp: 173231
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 91.477 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 75 Resp: 230867
Ion Ratio Lower Upper
75 100
110 36.8 17.4 52.3
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 68.212 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

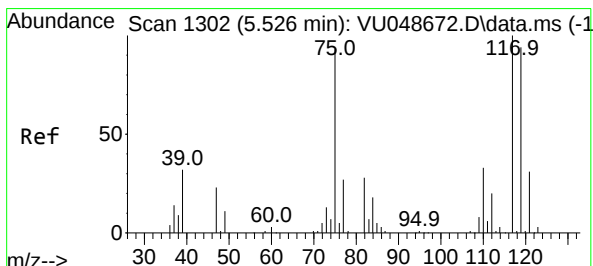
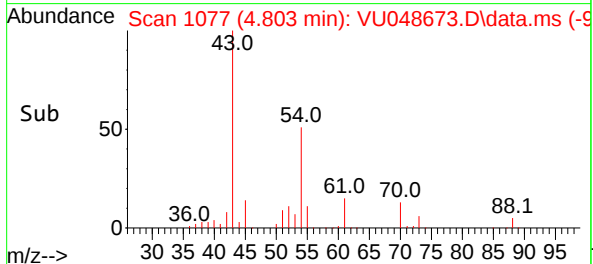
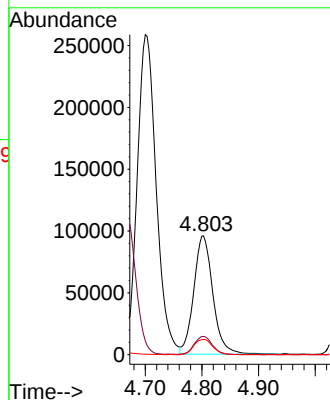
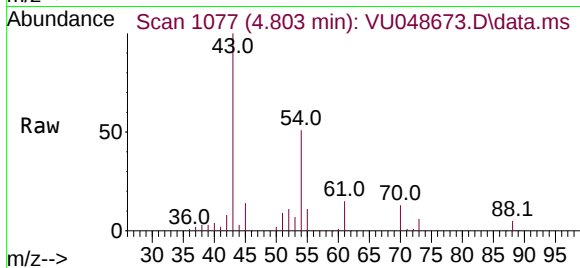
Tgt Ion: 43 Resp: 224418

Ion Ratio Lower Upper

43 100

61 14.2 11.7 17.5

70 12.9 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 108.466 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

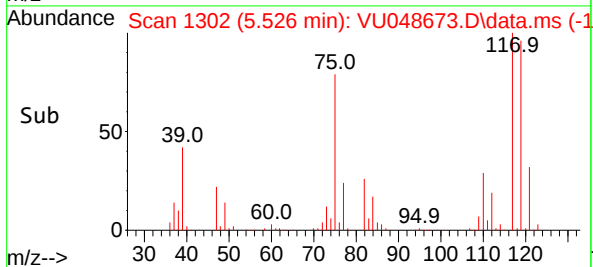
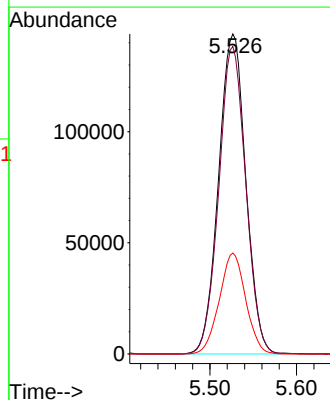
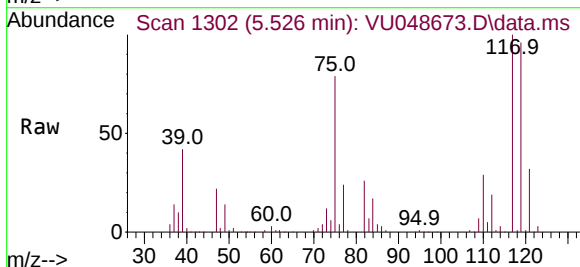
Tgt Ion: 117 Resp: 314053

Ion Ratio Lower Upper

117 100

119 96.1 75.4 113.2

121 31.6 24.6 36.8





#39

Methylcyclohexane

Concen: 95.201 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

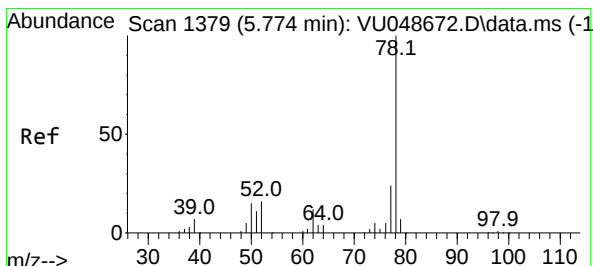
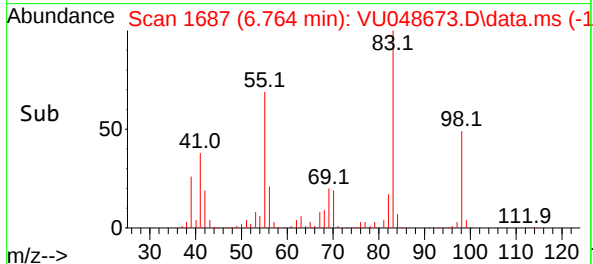
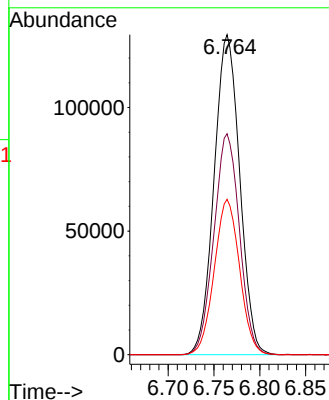
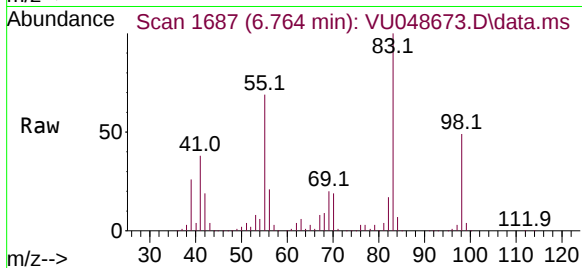
Tgt Ion: 83 Resp: 251925

Ion Ratio Lower Upper

83 100

55 69.0 61.0 91.6

98 48.5 36.8 55.2



#40

Benzene

Concen: 83.111 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048673.D

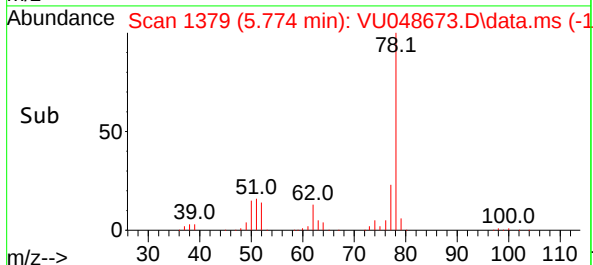
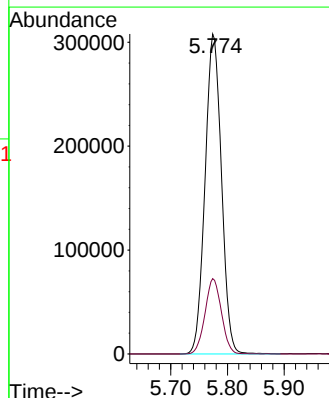
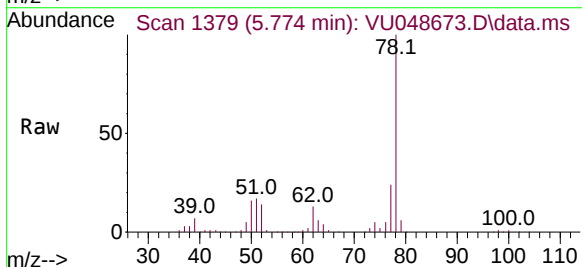
Acq: 26 May 2022 11:47

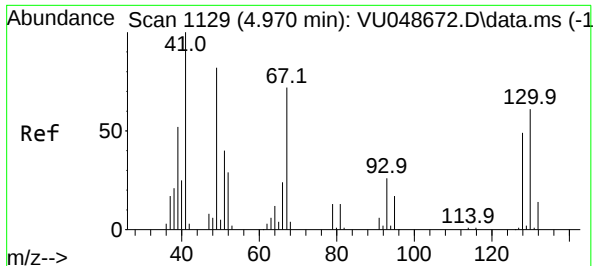
Tgt Ion: 78 Resp: 619251

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



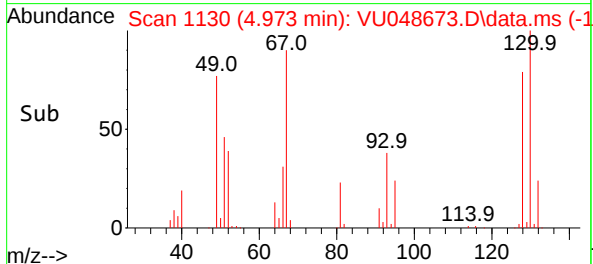
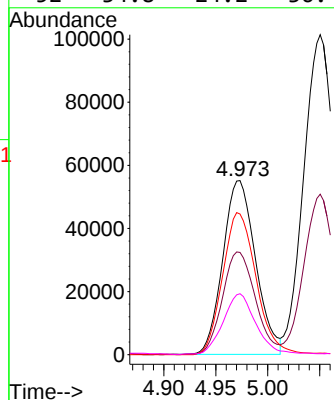
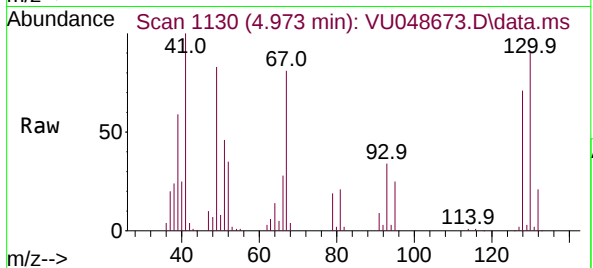


#41
Methacrylonitrile
Concen: 75.020 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 120952

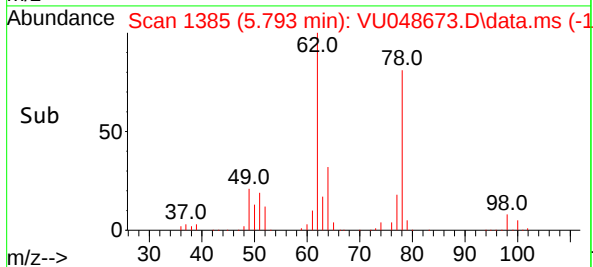
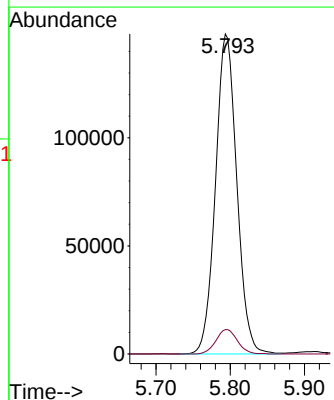
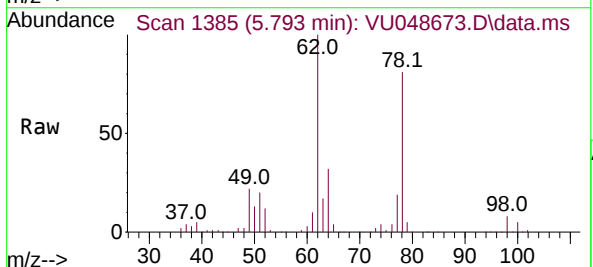
Ion	Ratio	Lower	Upper
41	100		
39	59.6	42.6	64.0
67	83.8	61.0	91.4
52	34.8	24.2	36.4

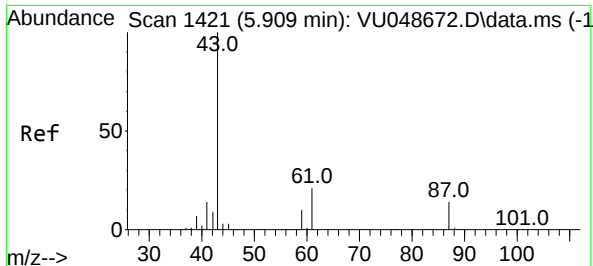


#42
1,2-Dichloroethane
Concen: 101.137 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 62 Resp: 294981

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.0

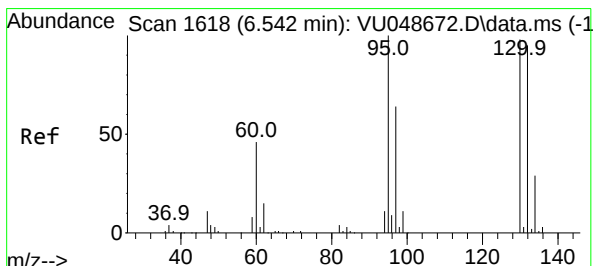
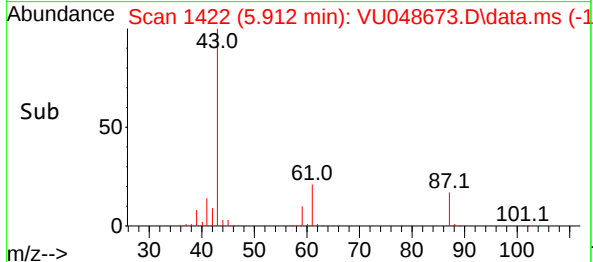
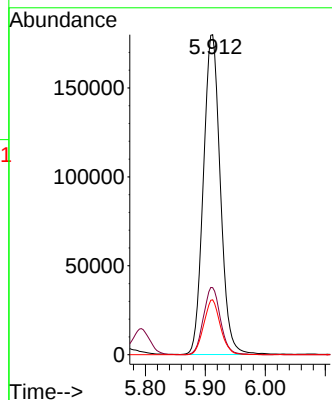
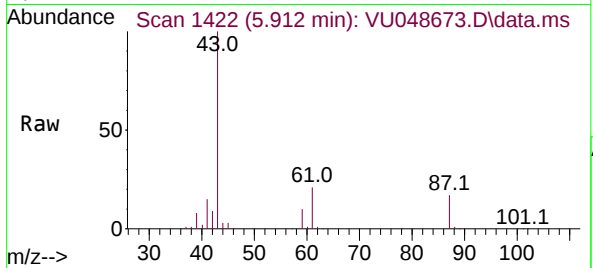




#43
Isopropyl Acetate
Concen: 76.471 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

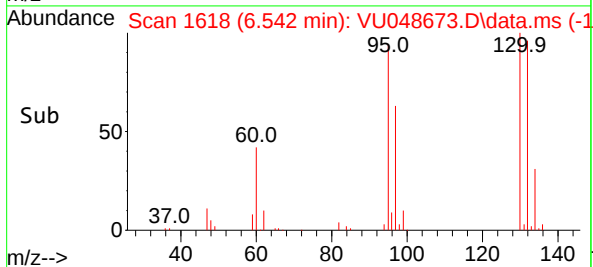
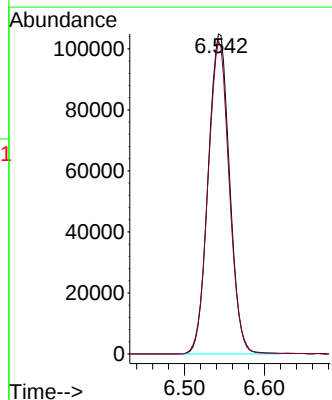
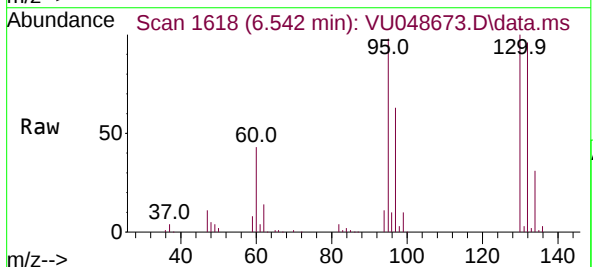
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

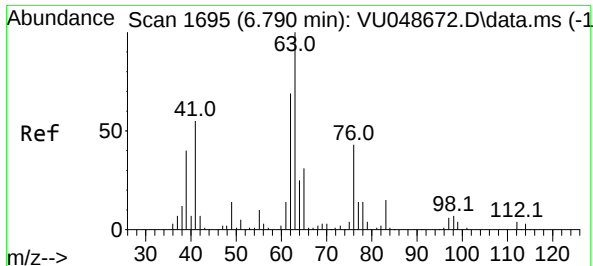
Tgt Ion: 43 Resp: 354116
Ion Ratio Lower Upper
43 100
61 21.1 16.7 25.1
87 16.8 10.9 16.3#



#44
Trichloroethene
Concen: 101.333 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:130 Resp: 194517
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 79.466 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

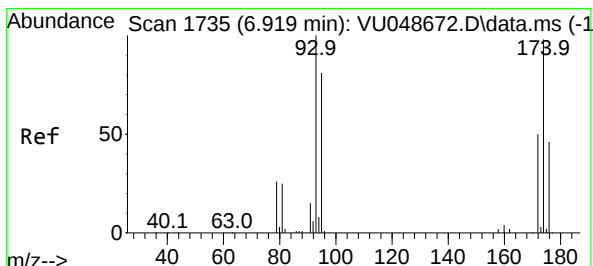
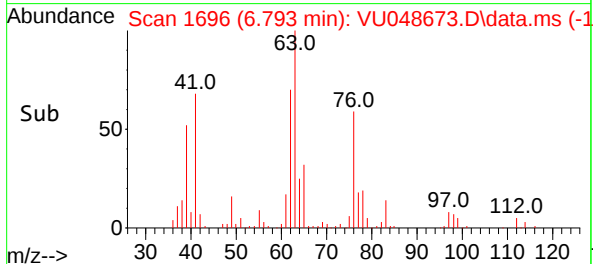
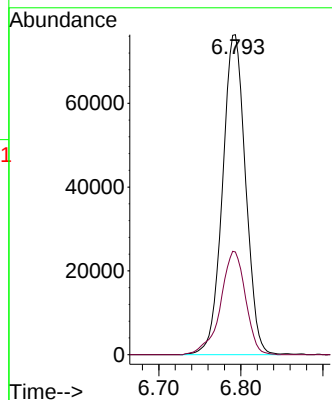
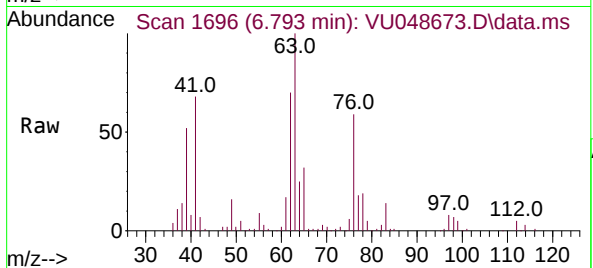
VSTDICC100

Tgt Ion: 63 Resp: 149059

Ion Ratio Lower Upper

63 100

65 32.1 24.8 37.2



#46

Dibromomethane

Concen: 93.338 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

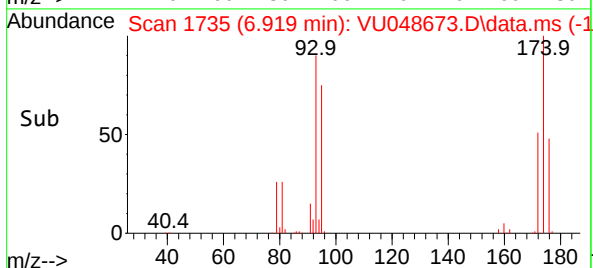
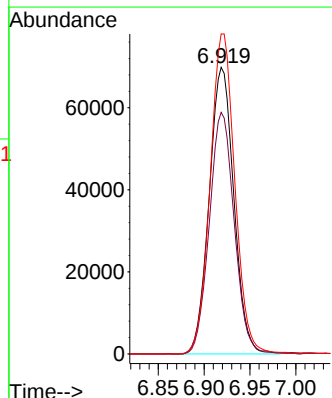
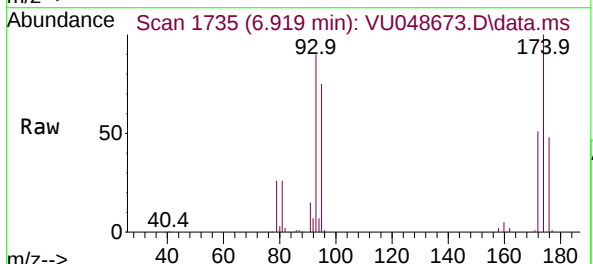
Tgt Ion: 93 Resp: 130805

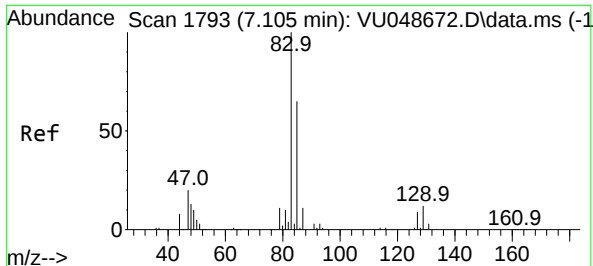
Ion Ratio Lower Upper

93 100

95 85.0 65.1 97.7

174 112.1 77.8 116.6





#47

Bromodichloromethane

Concen: 96.724 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

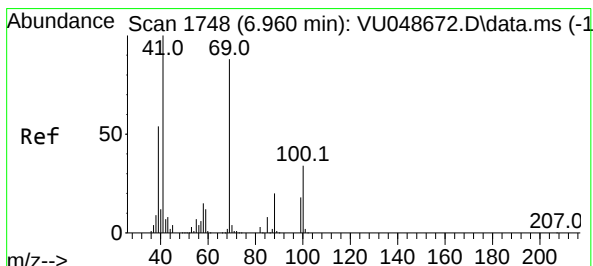
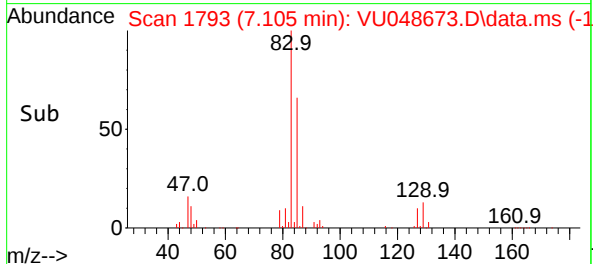
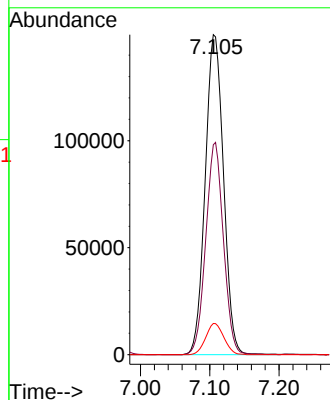
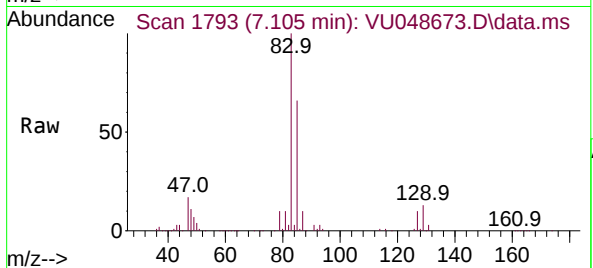
Tgt Ion: 83 Resp: 274119

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1

127 9.8 6.9 10.3



#48

Methyl methacrylate

Concen: 84.780 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

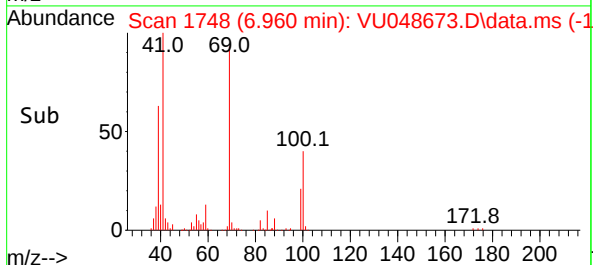
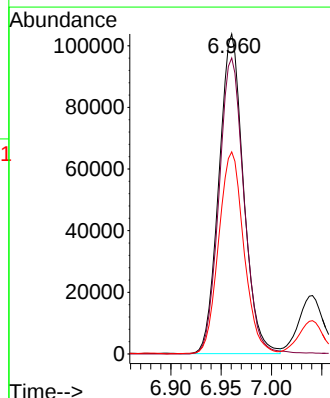
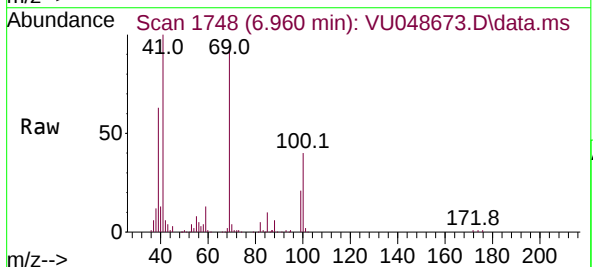
Tgt Ion: 41 Resp: 176243

Ion Ratio Lower Upper

41 100

69 94.1 70.7 106.1

39 65.1 43.4 65.2





#49

1,4-Dioxane

Concen: 1929.590 ug/l

RT: 6.989 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

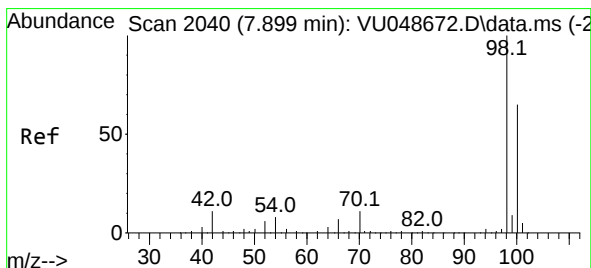
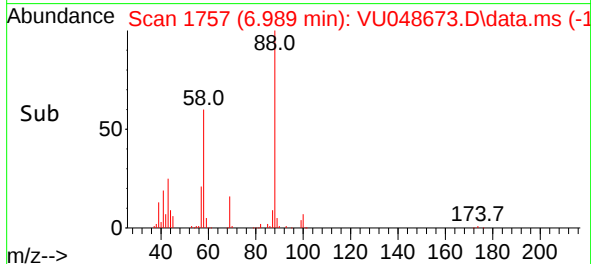
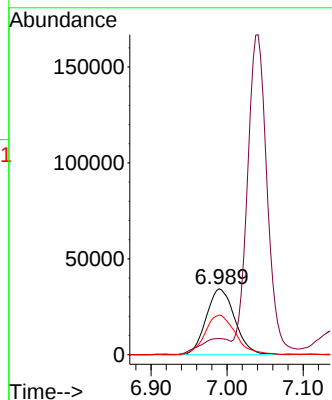
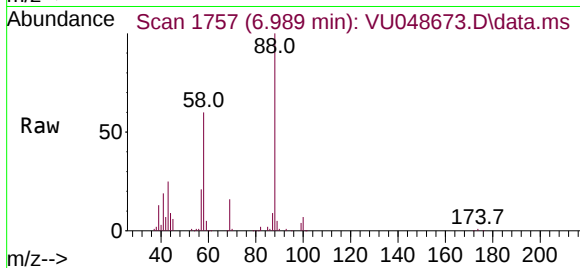
Tgt Ion: 88 Resp: 89670

Ion Ratio Lower Upper

88 100

43 25.6 24.6 36.8

58 64.4 54.7 82.1



#50

Toluene-d8

Concen: 144.916 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048673.D

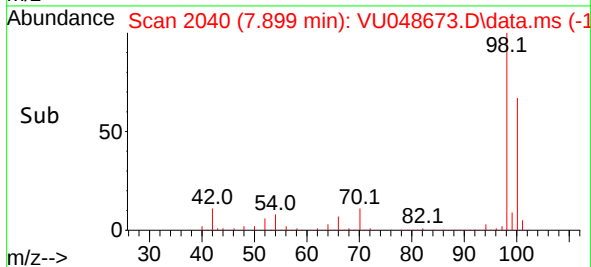
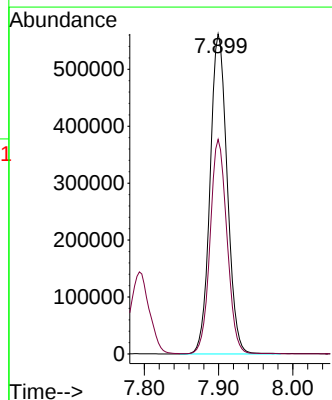
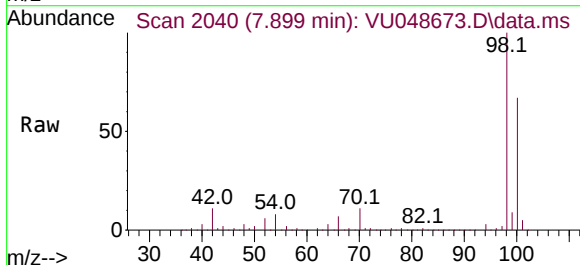
Acq: 26 May 2022 11:47

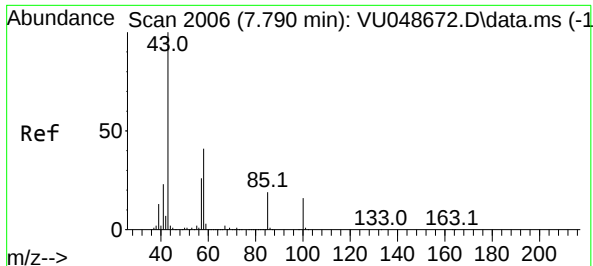
Tgt Ion: 98 Resp: 898281

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 429.459 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

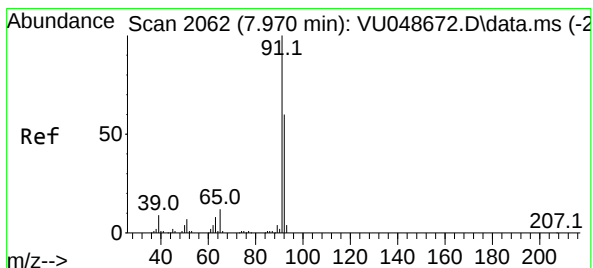
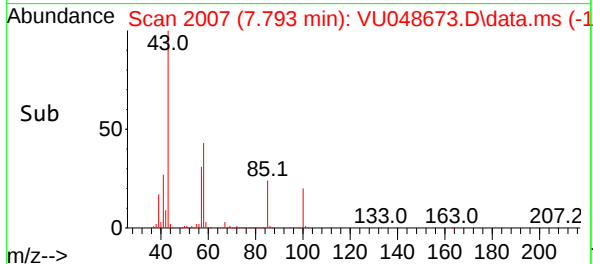
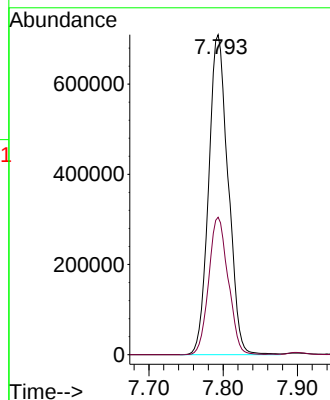
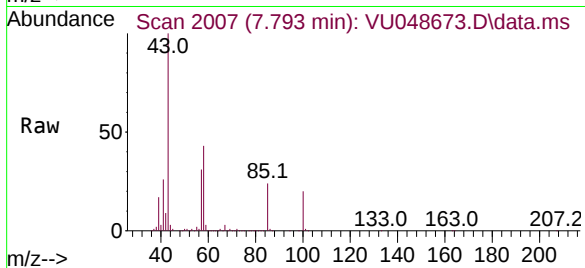
VSTDIC100

Tgt Ion: 43 Resp: 1291311

Ion Ratio Lower Upper

43 100

58 43.0 32.7 49.1



#52

Toluene

Concen: 152.651 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048673.D

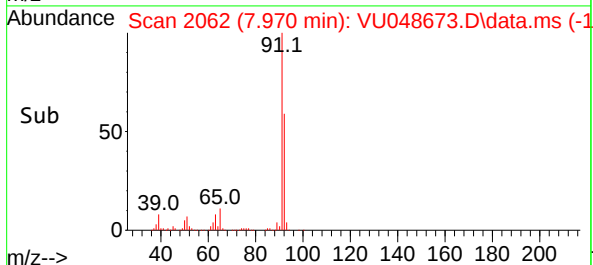
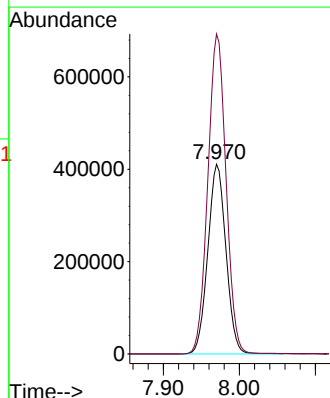
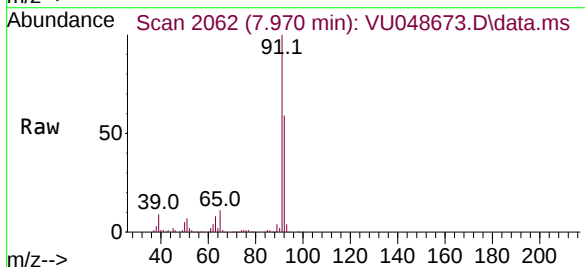
Acq: 26 May 2022 11:47

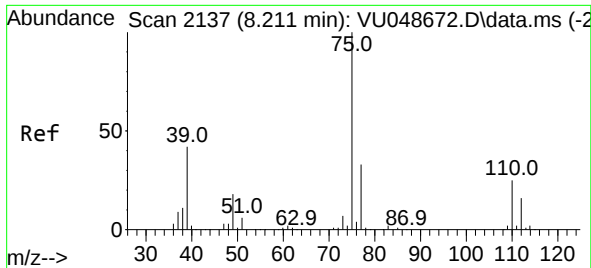
Tgt Ion: 92 Resp: 680321

Ion Ratio Lower Upper

92 100

91 169.0 135.0 202.4

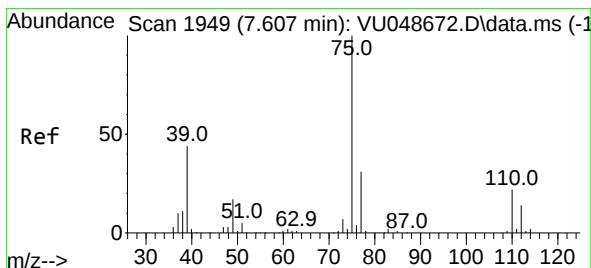
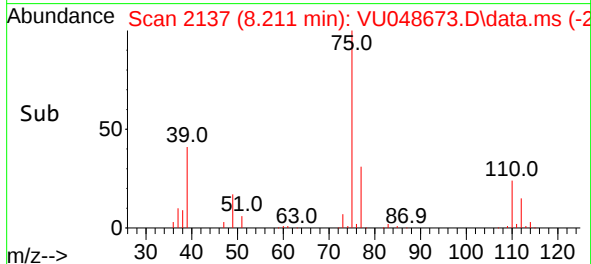
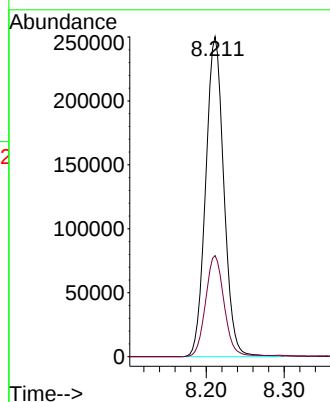
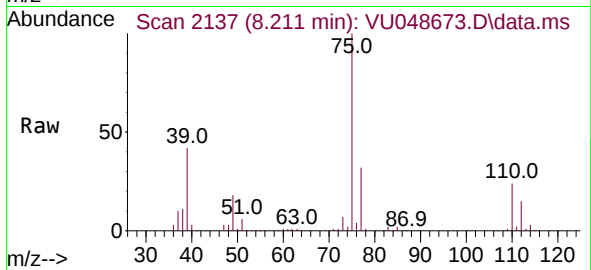




#53
 t-1,3-Dichloropropene
 Concen: 132.787 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

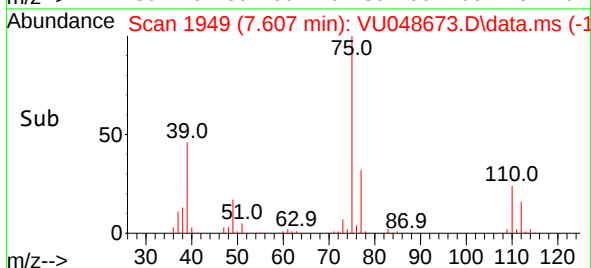
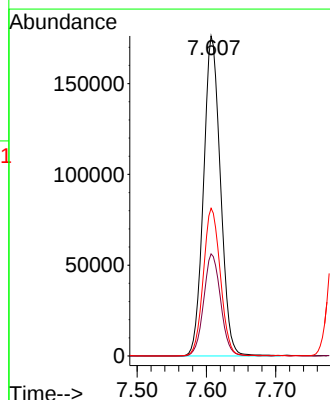
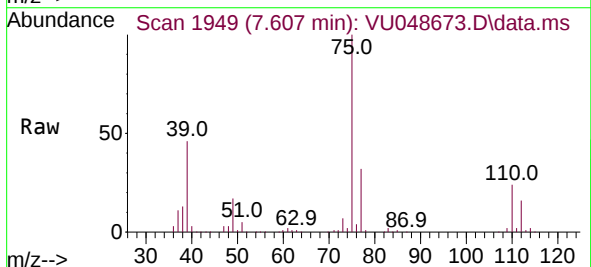
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

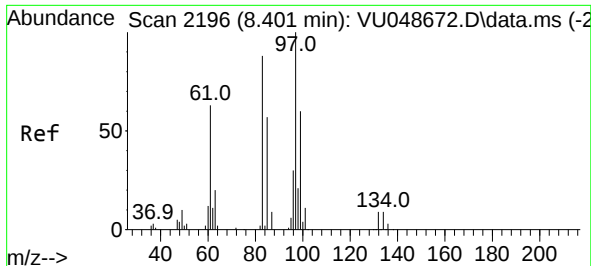
Tgt Ion: 75 Resp: 405948
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 94.183 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

Tgt Ion: 75 Resp: 298364
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 46.1 35.2 52.8

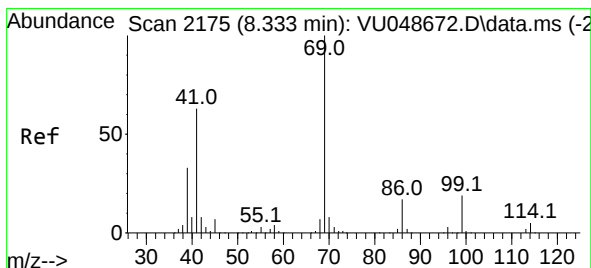
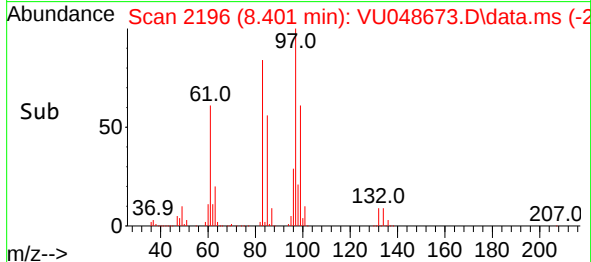
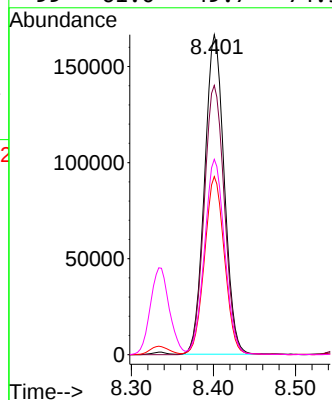
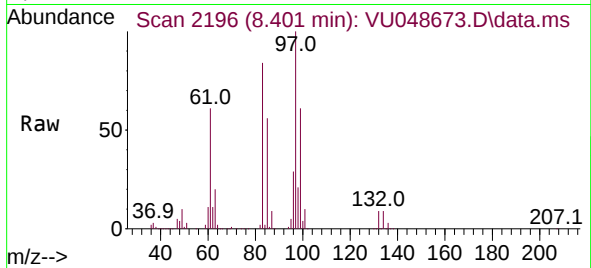




#55
1,1,2-Trichloroethane
Concen: 141.006 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

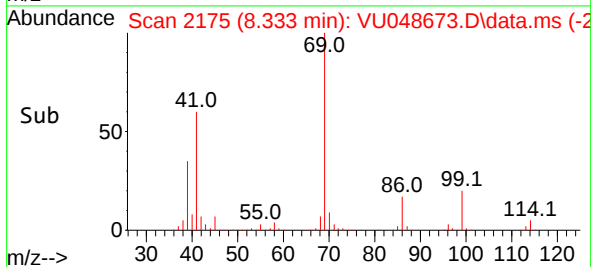
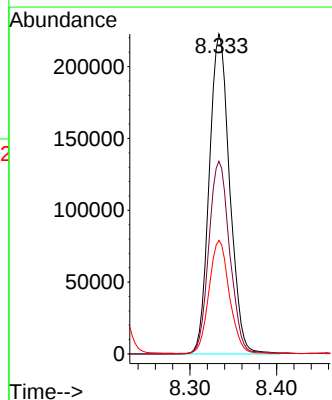
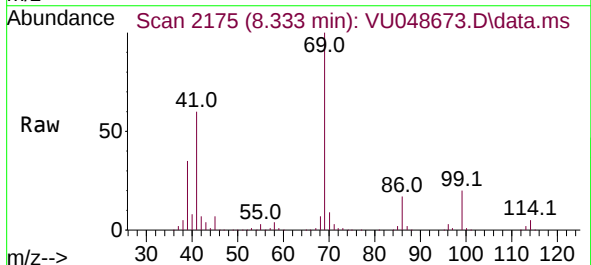
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

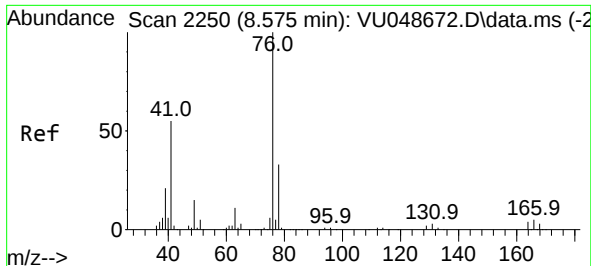
Tgt Ion: 97	Resp: 277348
Ion Ratio	Lower Upper
97 100	
83 84.2	70.2 105.4
85 55.6	45.6 68.4
99 61.0	49.7 74.5



#56
Ethyl methacrylate
Concen: 133.009 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 69	Resp: 365163
Ion Ratio	Lower Upper
69 100	
41 61.6	50.6 76.0
39 35.3	26.6 40.0





#57

1,3-Dichloropropane

Concen: 129.123 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

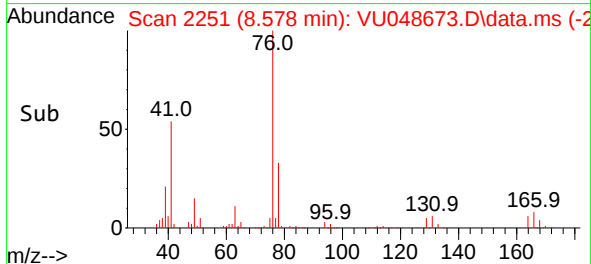
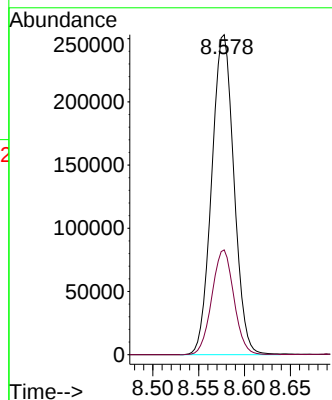
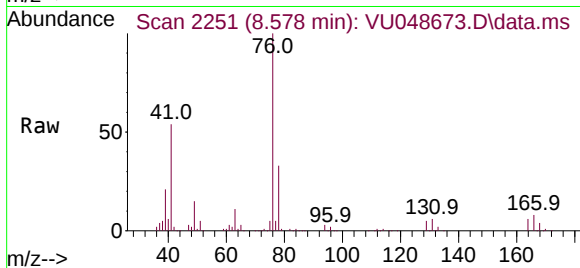
VSTDIC100

Tgt Ion: 76 Resp: 427456

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 534.143 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048673.D

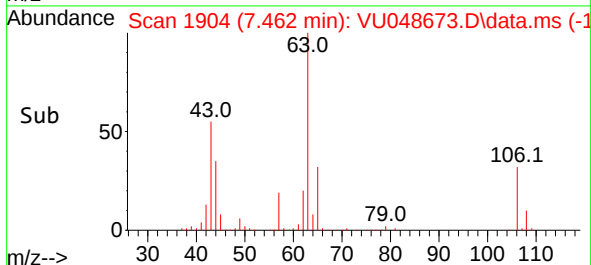
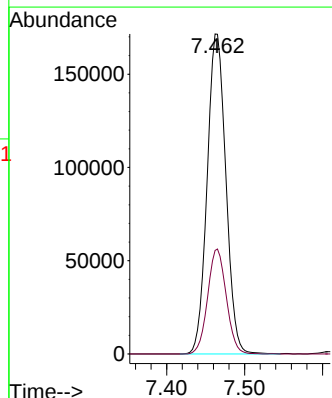
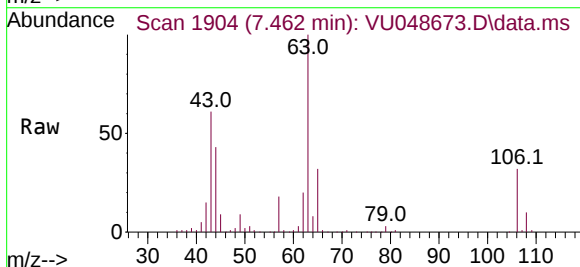
Acq: 26 May 2022 11:47

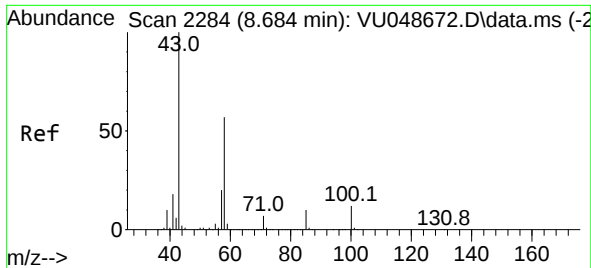
Tgt Ion: 63 Resp: 286992

Ion Ratio Lower Upper

63 100

106 32.6 22.2 33.2





#59

2-Hexanone

Concen: 608.626 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

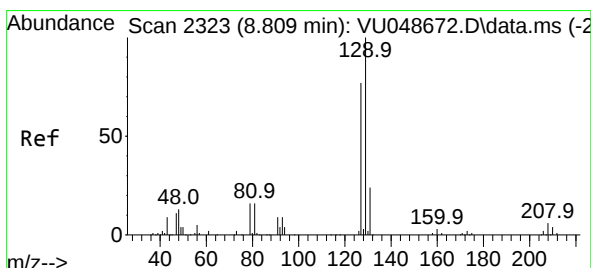
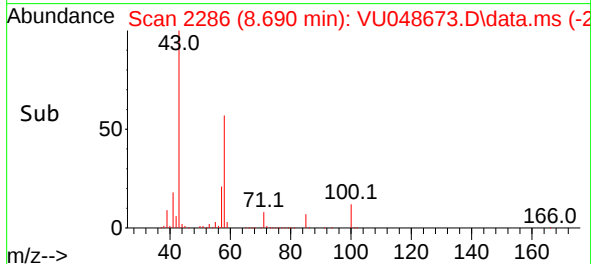
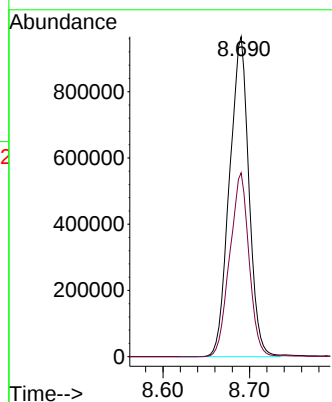
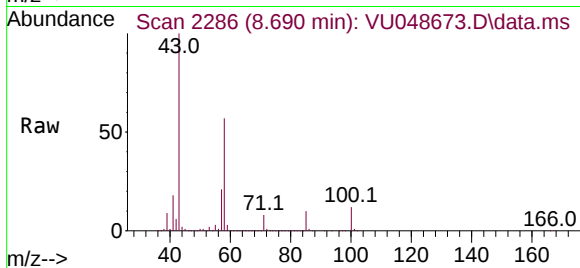
VSTDICC100

Tgt Ion: 43 Resp: 1502406

Ion Ratio Lower Upper

43 100

58 57.6 28.2 84.6



#60

Dibromochloromethane

Concen: 126.854 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.003 min

Lab File: VU048673.D

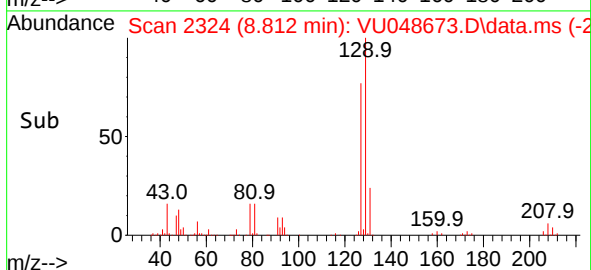
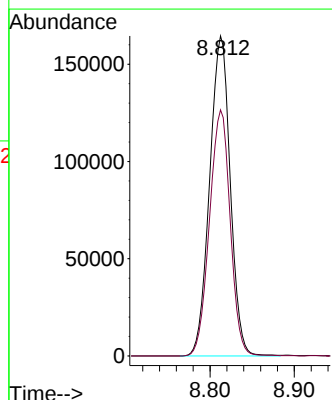
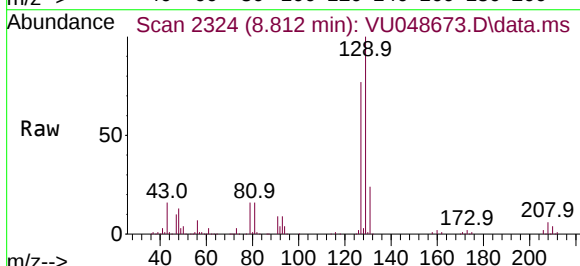
Acq: 26 May 2022 11:47

Tgt Ion: 129 Resp: 279690

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.3

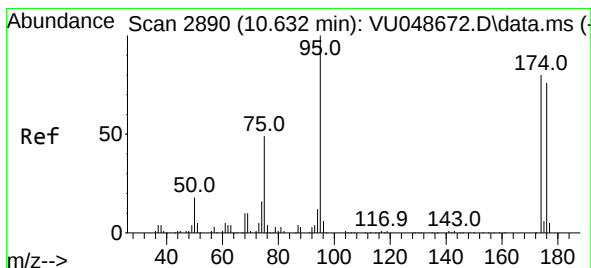
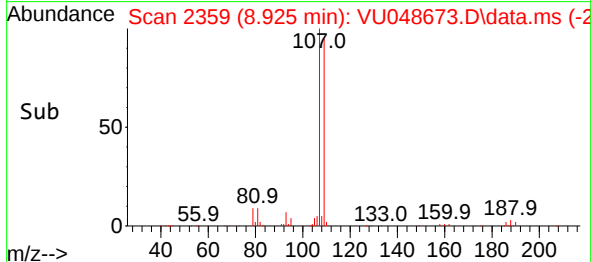
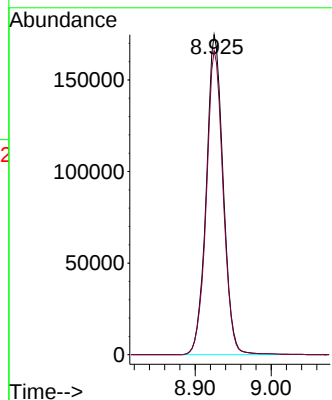
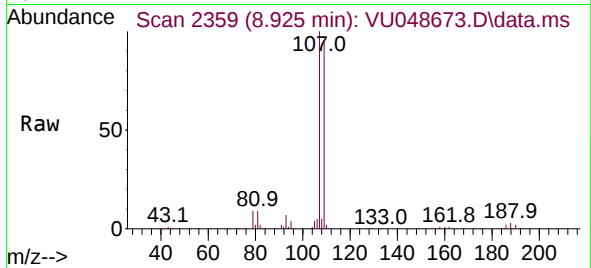




#61
1,2-Dibromoethane
Concen: 124.465 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

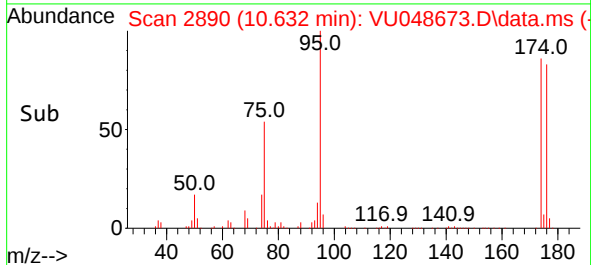
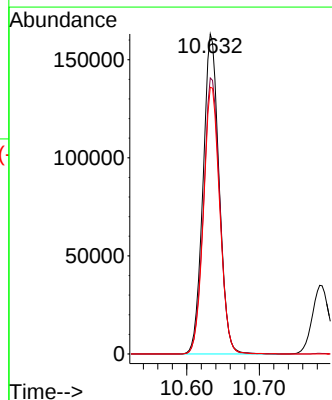
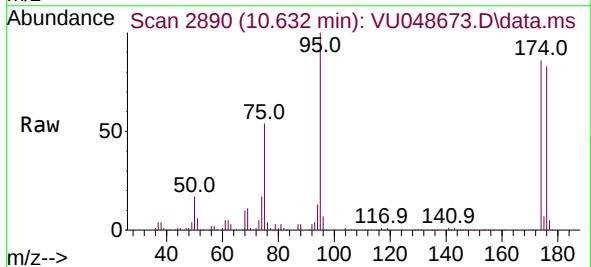
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

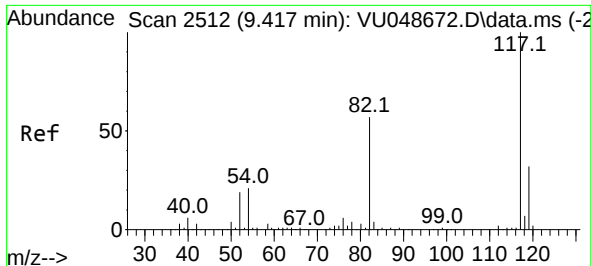
Tgt Ion:107 Resp: 269610
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 106.977 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 95 Resp: 250782
Ion Ratio Lower Upper
95 100
174 87.6 0.0 159.4
176 84.5 0.0 152.4

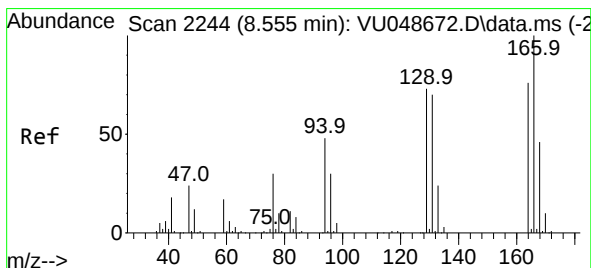
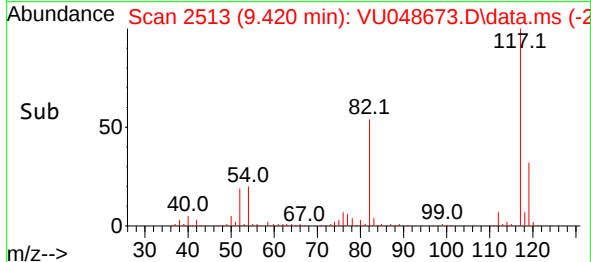
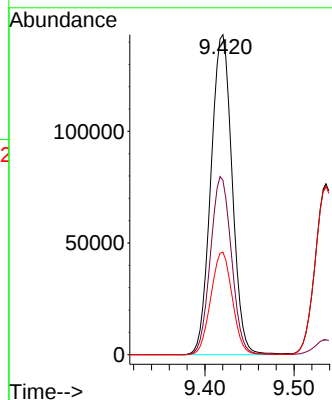
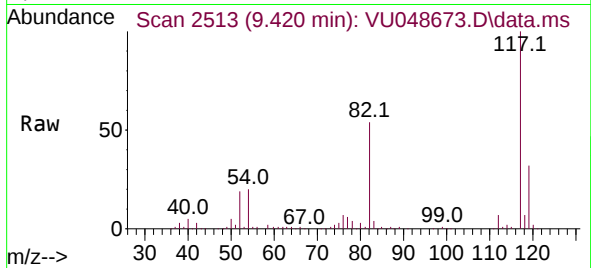




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2512
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

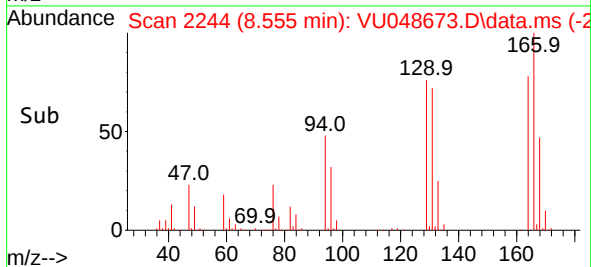
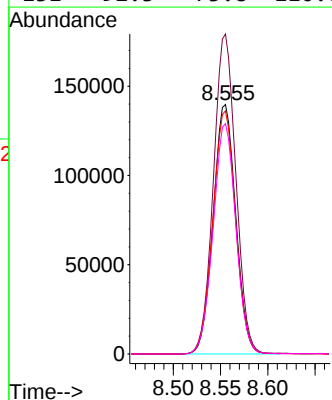
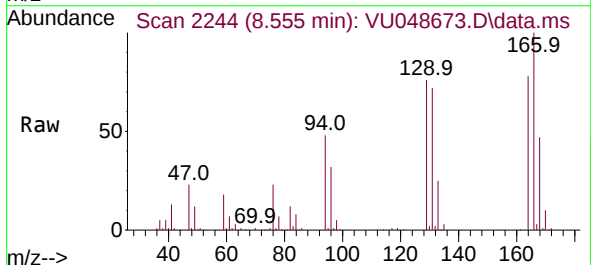
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

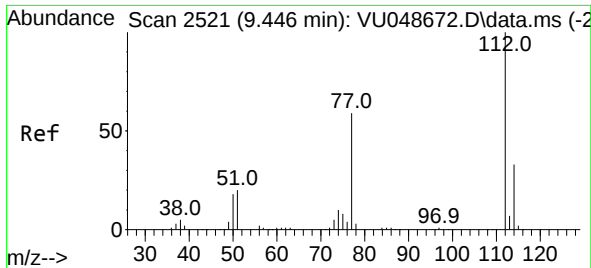
Tgt Ion:117 Resp: 237217
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 127.651 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:164 Resp: 232689
Ion Ratio Lower Upper
164 100
166 128.3 105.0 157.4
129 97.4 76.5 114.7
131 92.3 73.8 110.6

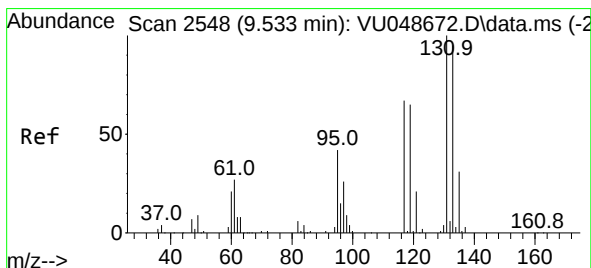
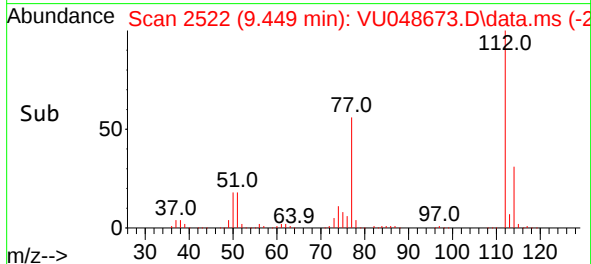
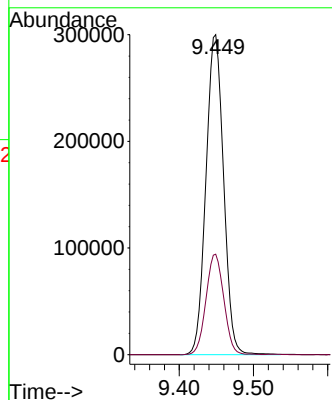
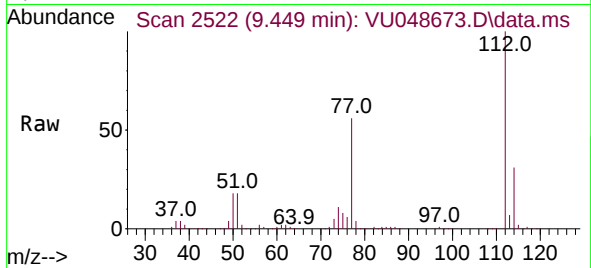




#65
Chlorobenzene
Concen: 98.475 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

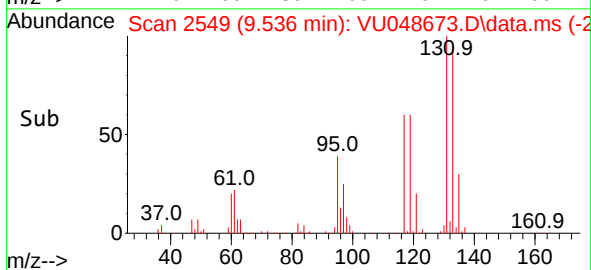
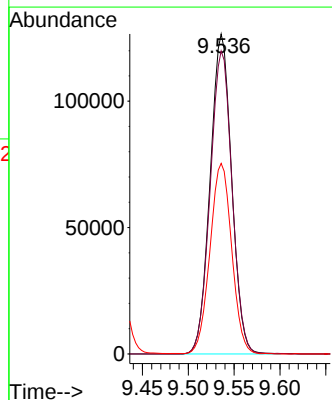
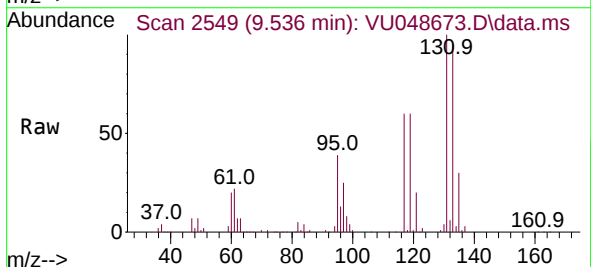
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

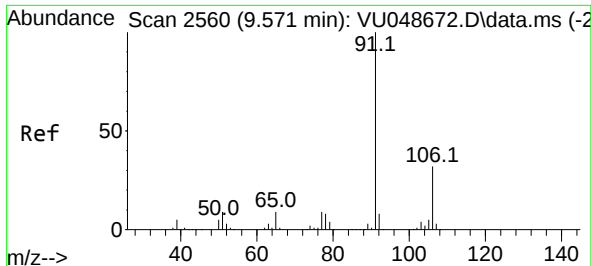
Tgt Ion:112 Resp: 494064
Ion Ratio Lower Upper
112 100
114 31.4 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 108.131 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:131 Resp: 205924
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 60.1 32.7 98.1





#67

Ethyl Benzene

Concen: 100.658 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

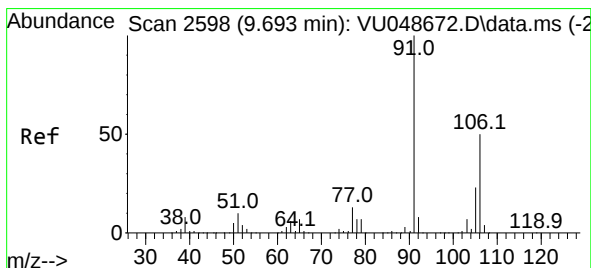
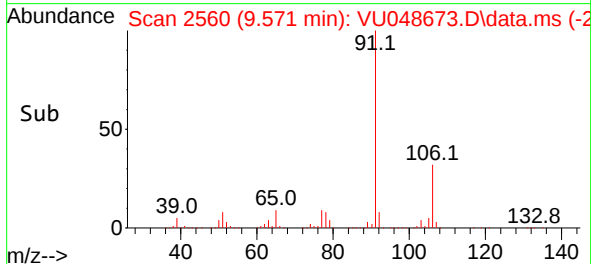
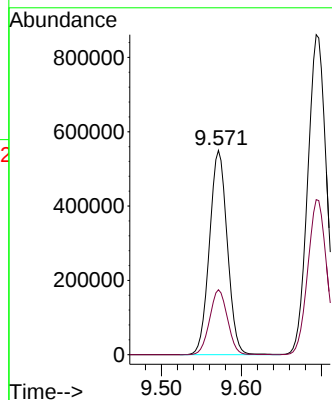
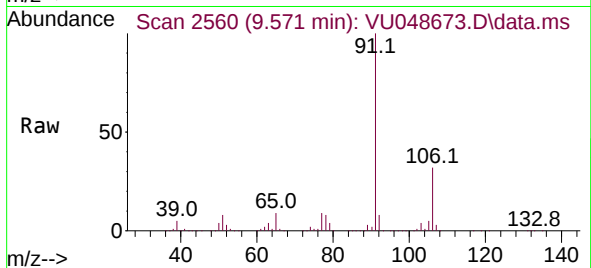
VSTDIC100

Tgt Ion: 91 Resp: 851765

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 207.122 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048673.D

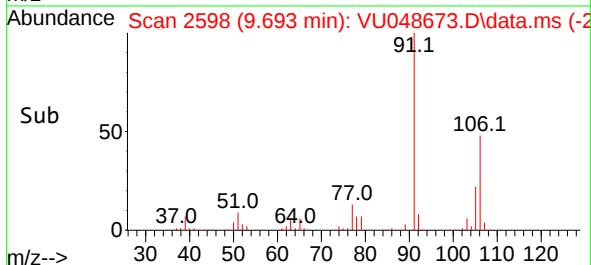
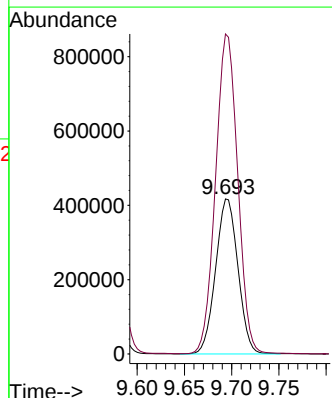
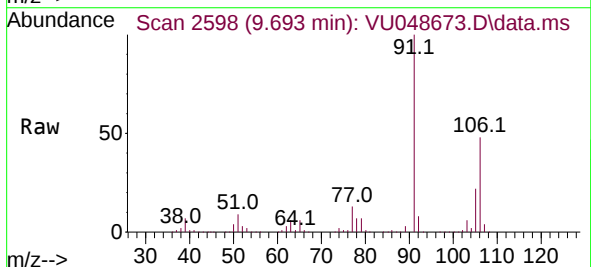
Acq: 26 May 2022 11:47

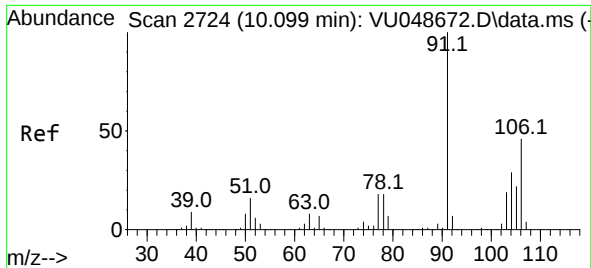
Tgt Ion: 106 Resp: 685482

Ion Ratio Lower Upper

106 100

91 205.5 162.4 243.6

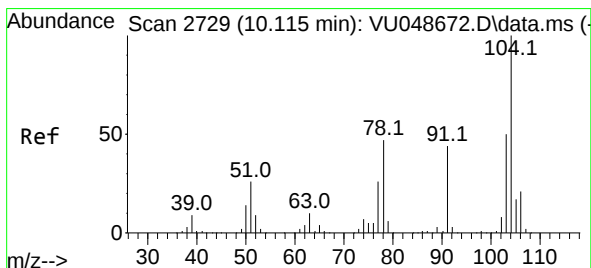
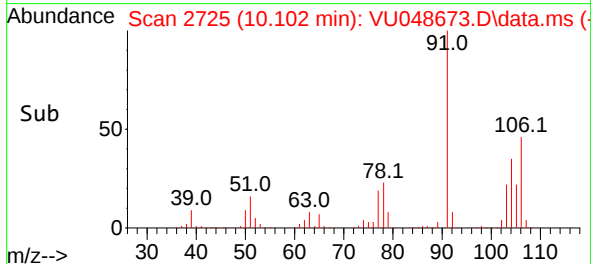
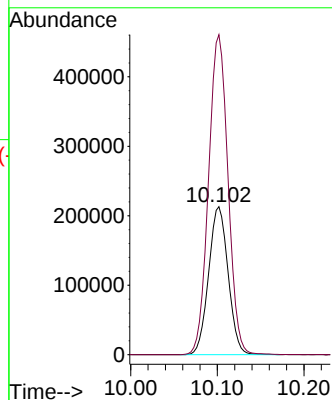
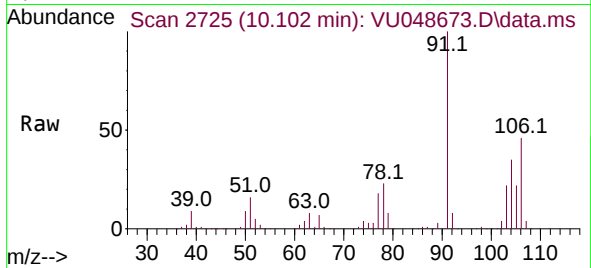




#69
o-Xylene
Concen: 102.541 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

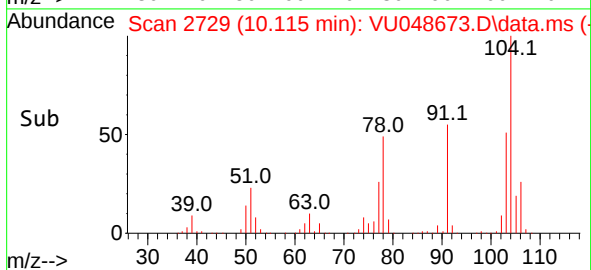
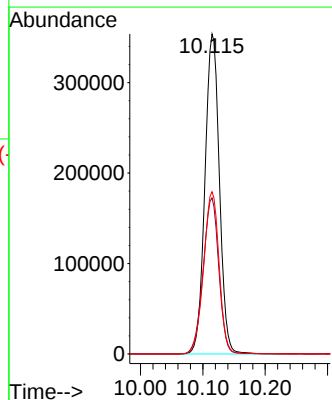
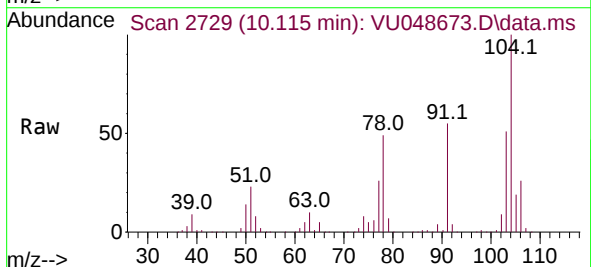
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

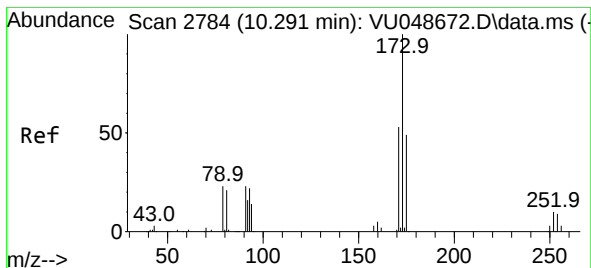
Tgt Ion:106 Resp: 333412
Ion Ratio Lower Upper
106 100
91 216.1 107.7 323.3



#70
Styrene
Concen: 106.895 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:104 Resp: 571692
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 54.4 43.4 65.2





#71

Bromoform

Concen: 115.054 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

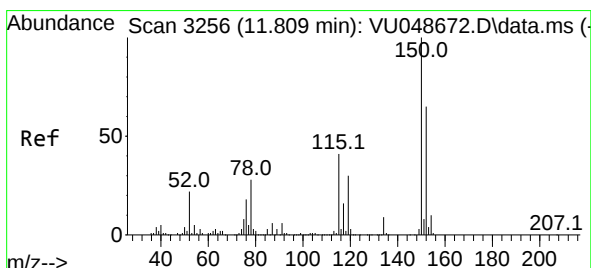
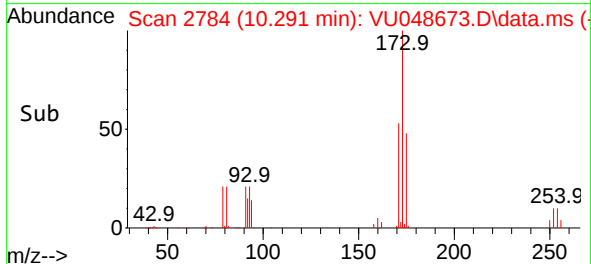
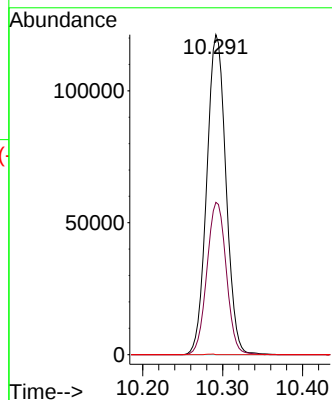
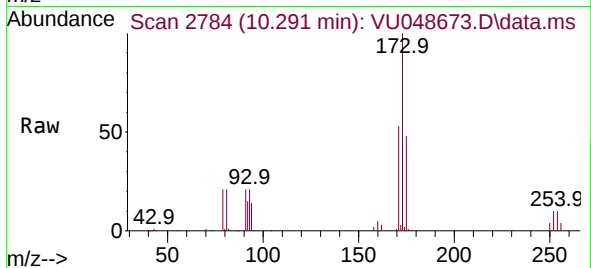
Tgt Ion:173 Resp: 202585

Ion Ratio Lower Upper

173 100

175 48.1 24.5 73.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.006 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

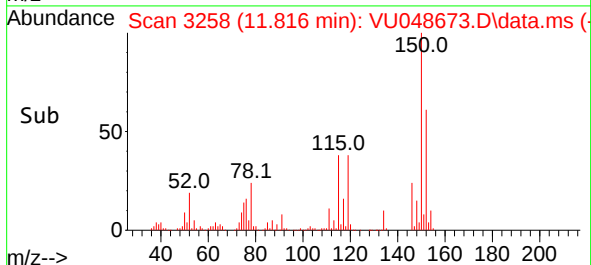
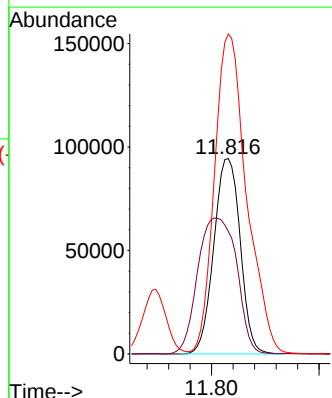
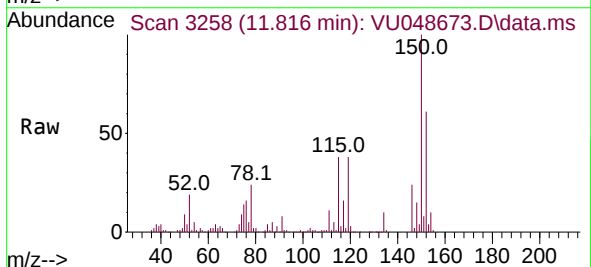
Tgt Ion:152 Resp: 160940

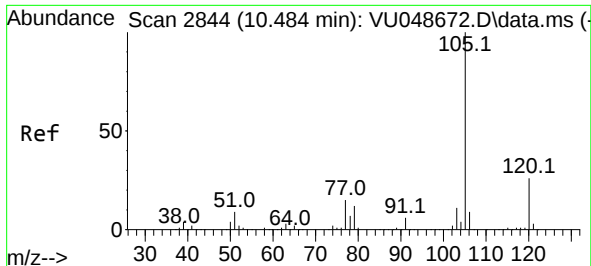
Ion Ratio Lower Upper

152 100

115 102.5 41.8 125.4

150 199.3 0.0 341.0

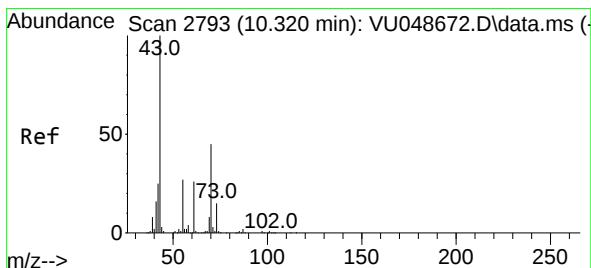
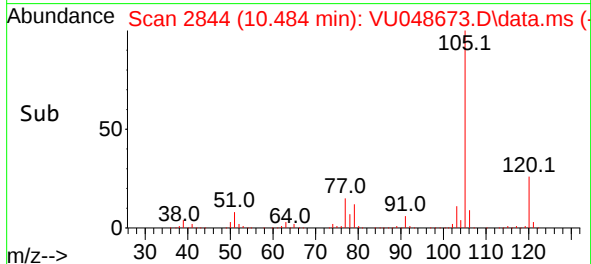
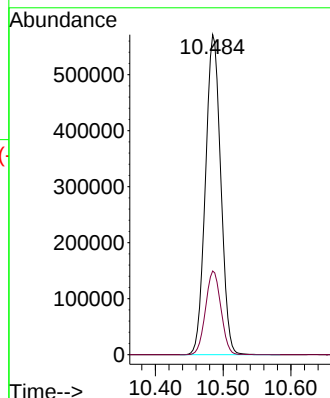
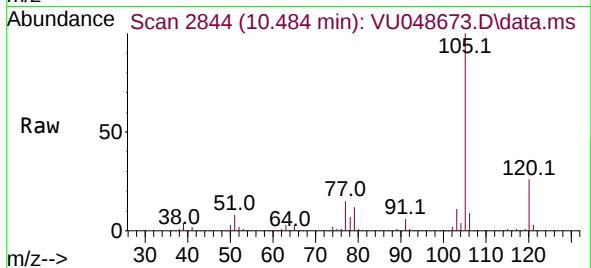




#73
Isopropylbenzene
Concen: 86.100 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

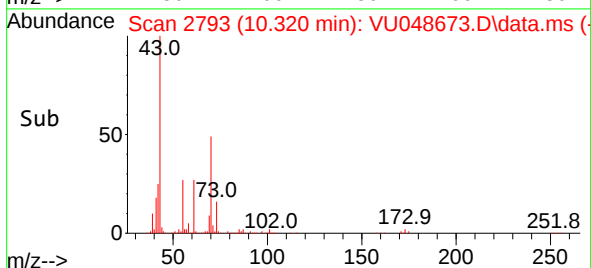
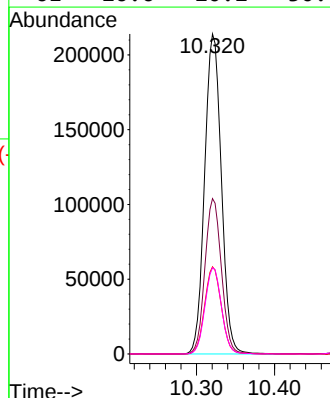
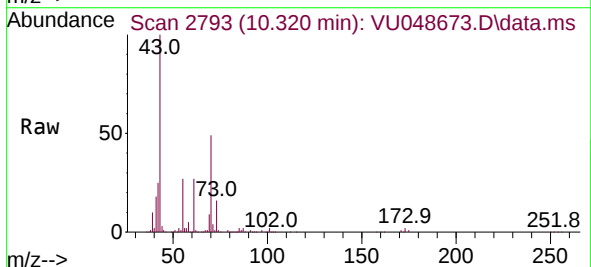
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

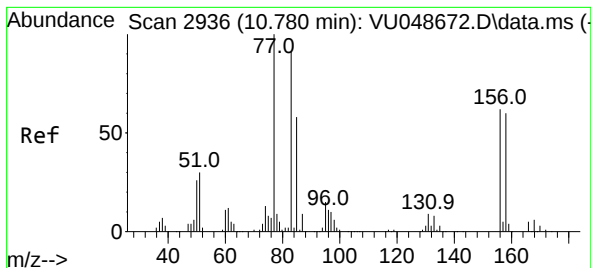
Tgt Ion:105 Resp: 894596
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 70.978 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 43 Resp: 318830
Ion Ratio Lower Upper
43 100
70 48.0 35.8 53.6
55 27.2 21.1 31.7
61 26.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 68.915 ug/l

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

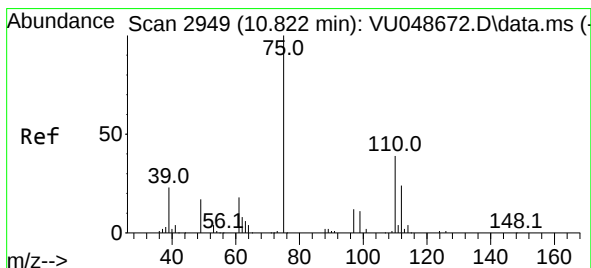
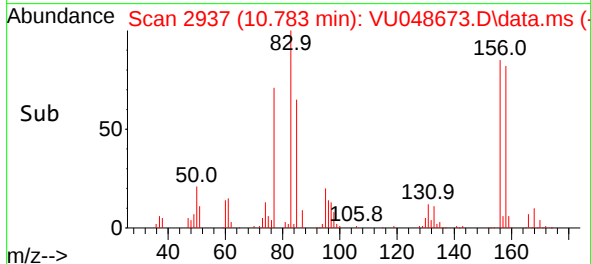
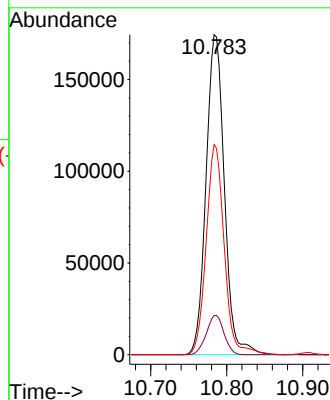
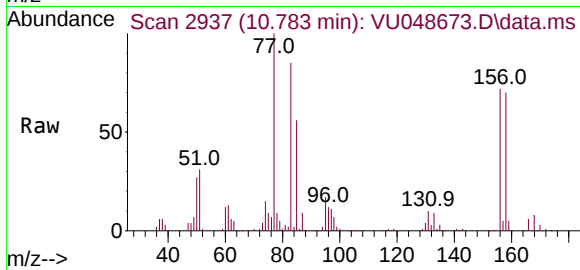
Tgt Ion: 83 Resp: 292205

Ion Ratio Lower Upper

83 100

131 11.8 5.2 15.6

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 84.597 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU048673.D

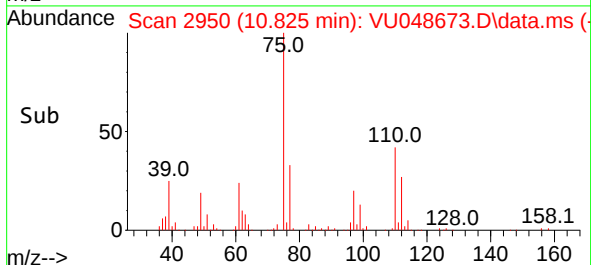
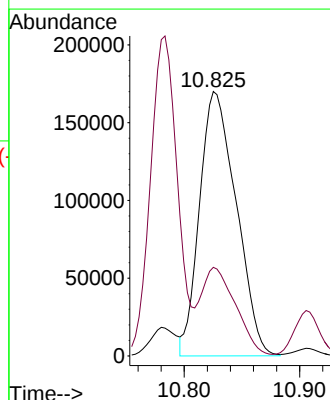
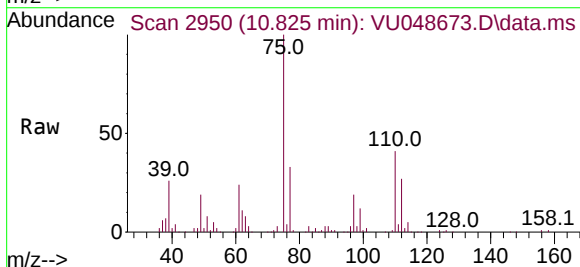
Acq: 26 May 2022 11:47

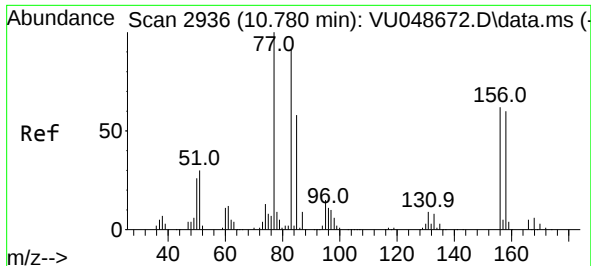
Tgt Ion: 75 Resp: 375025

Ion Ratio Lower Upper

75 100

77 31.1 14.8 44.3

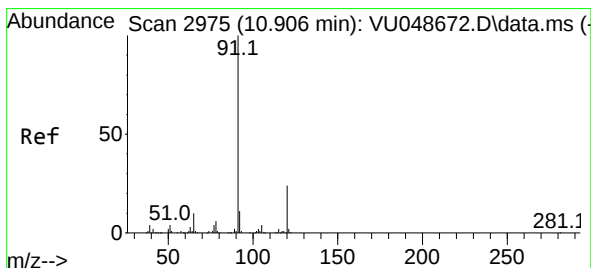
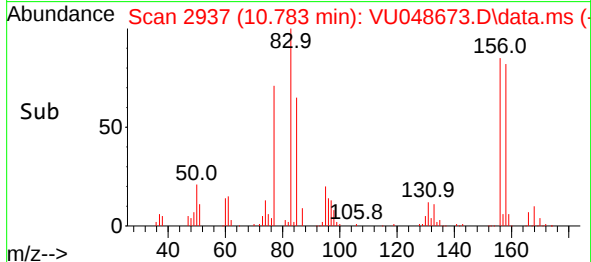
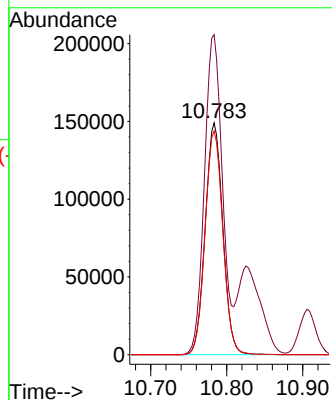
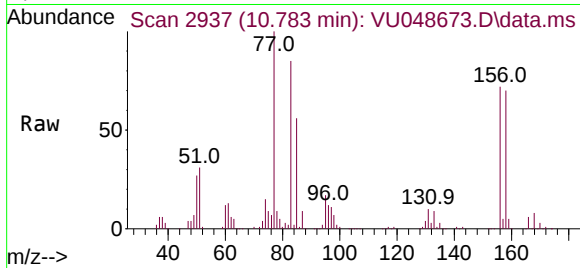




#77
Bromobenzene
Concen: 86.175 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

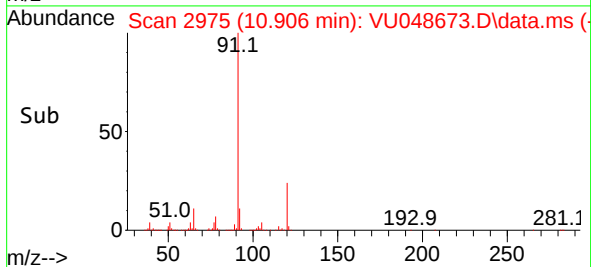
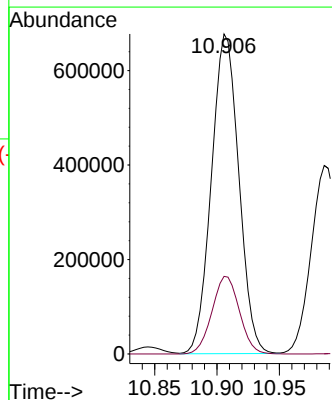
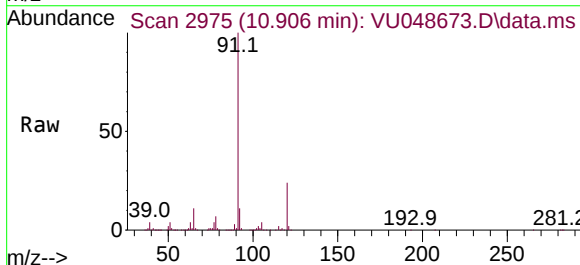
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

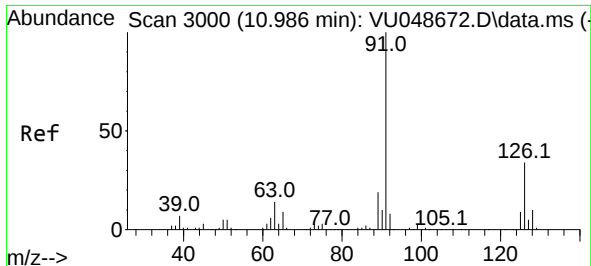
Tgt Ion:156 Resp: 240463
Ion Ratio Lower Upper
156 100
77 141.2 81.1 243.3
158 97.1 48.8 146.4



#78
n-propylbenzene
Concen: 83.774 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 91 Resp: 1037190
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.7

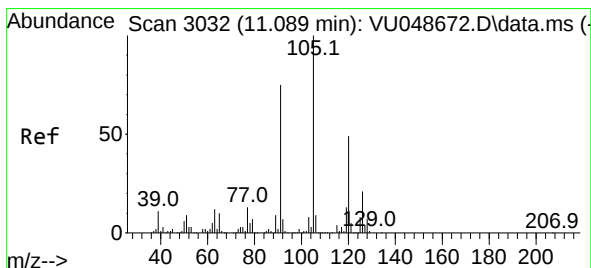
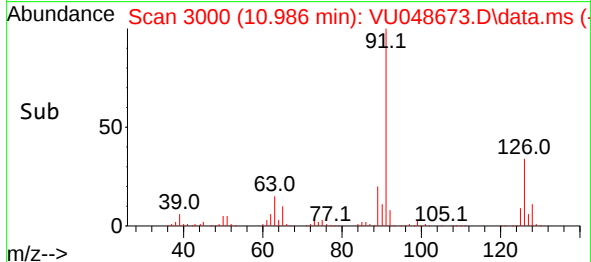
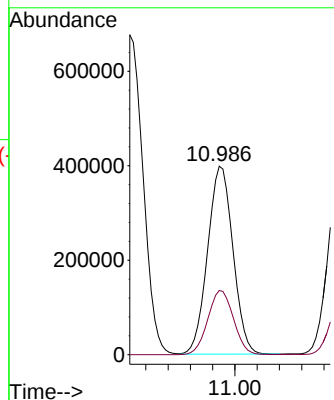
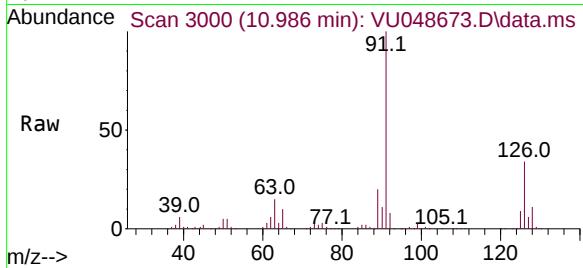




#79
2-Chlorotoluene
Concen: 81.744 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

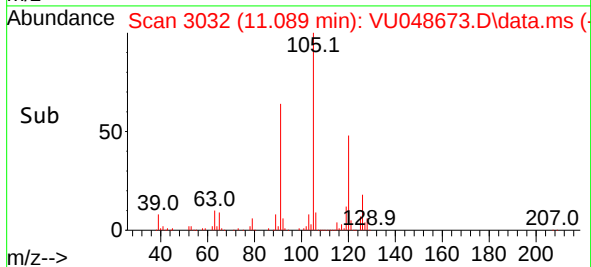
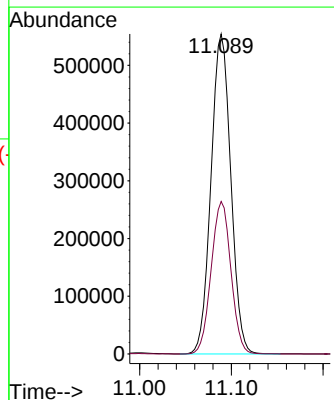
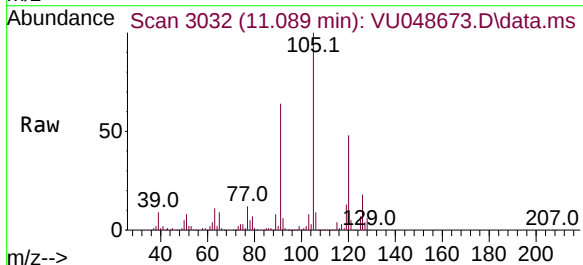
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

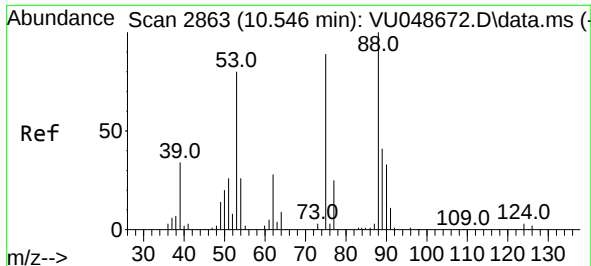
Tgt Ion: 91 Resp: 629374
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 91.928 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 105 Resp: 830631
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

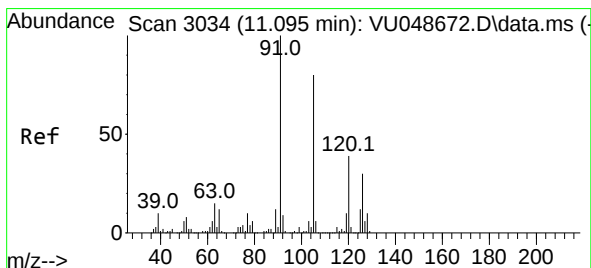
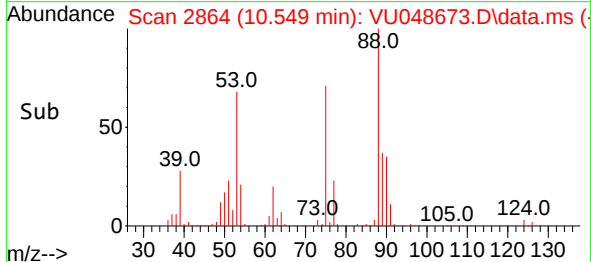
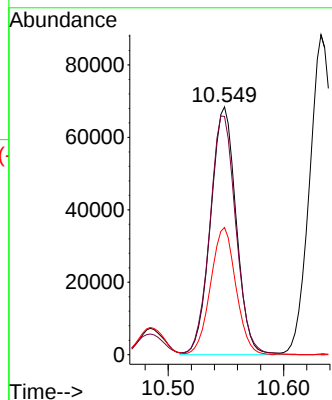
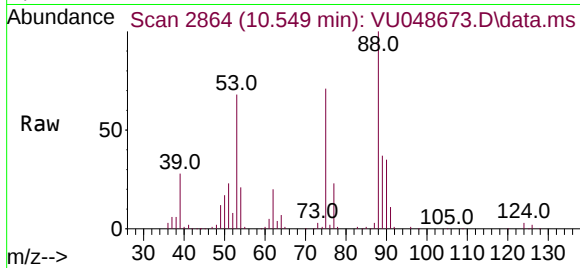




#81
trans-1,4-Dichloro-2-butene
Concen: 73.772 ug/l
RT: 10.549 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

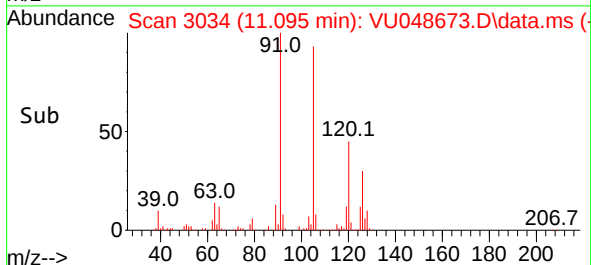
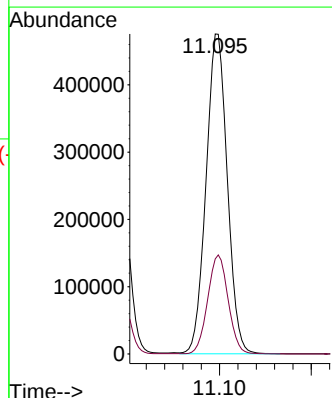
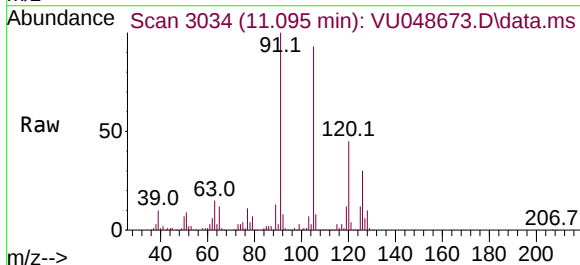
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

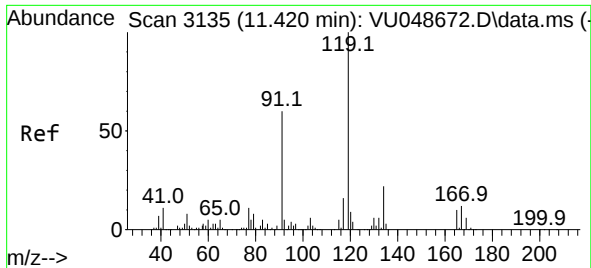
Tgt Ion: 75 Resp: 105432
Ion Ratio Lower Upper
75 100
53 98.6 72.5 108.7
89 50.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 85.964 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 91 Resp: 763648
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2

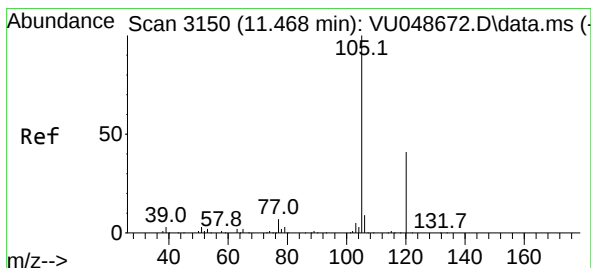
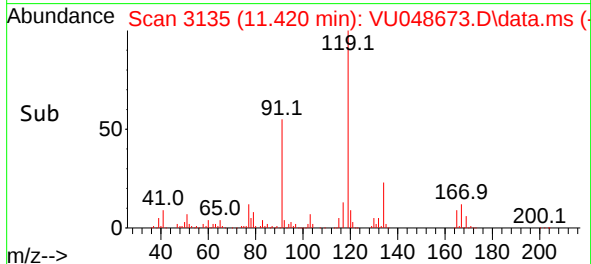
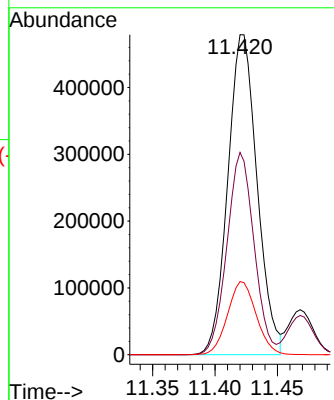
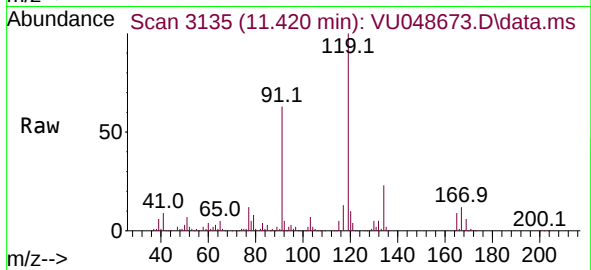




#83
tert-Butylbenzene
Concen: 90.494 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

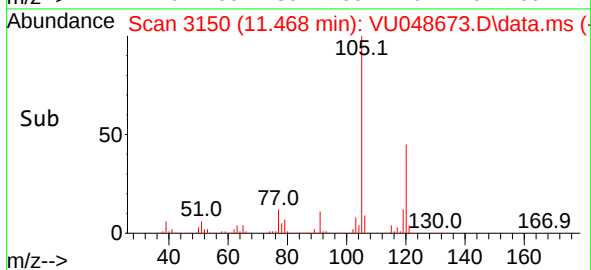
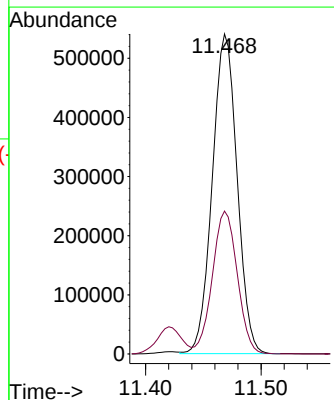
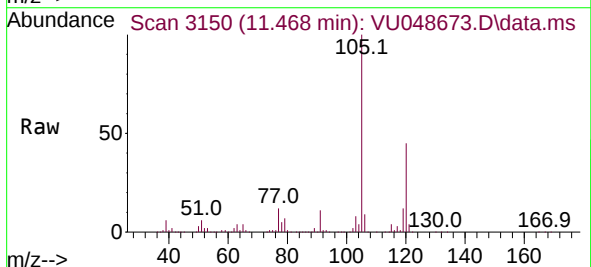
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

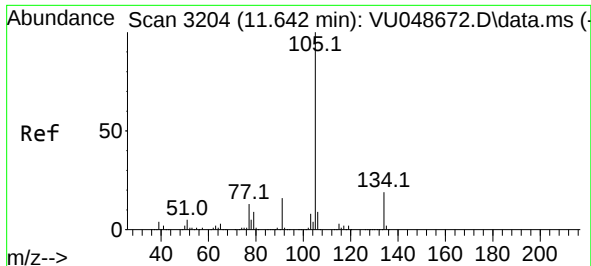
Tgt Ion:119 Resp: 784768
Ion Ratio Lower Upper
119 100
91 58.5 28.7 86.1
134 22.3 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 91.646 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:105 Resp: 805998
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5

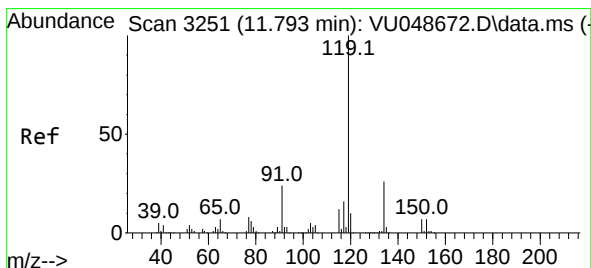
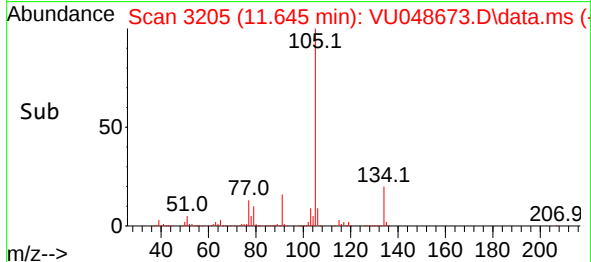
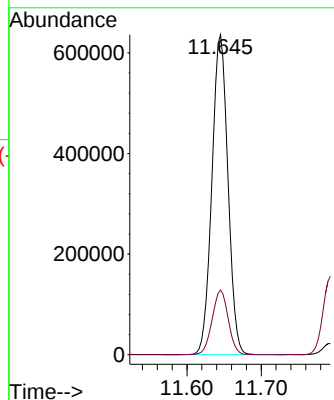
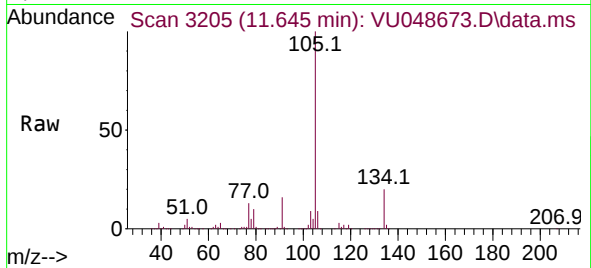




#85
 sec-Butylbenzene
 Concen: 87.628 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

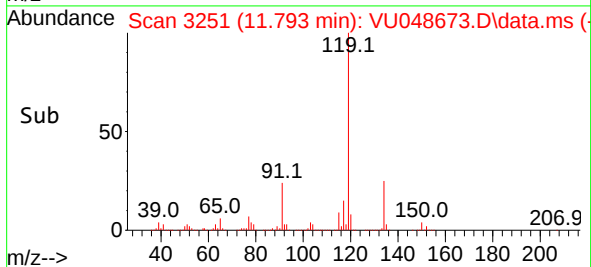
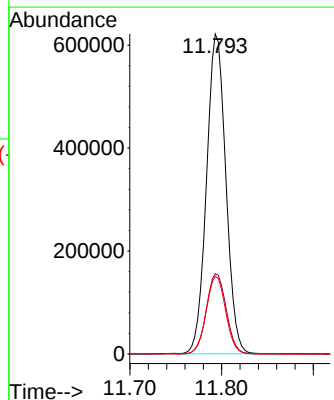
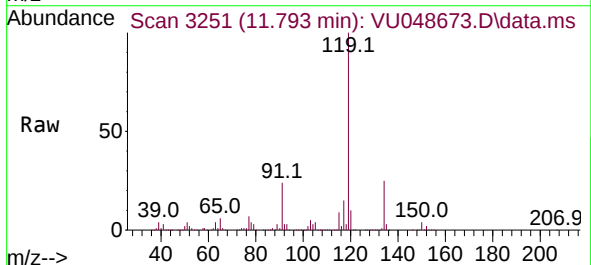
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 950688
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 97.791 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048673.D
 Acq: 26 May 2022 11:47

Tgt Ion:119 Resp: 911093
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.4 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 86.663 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

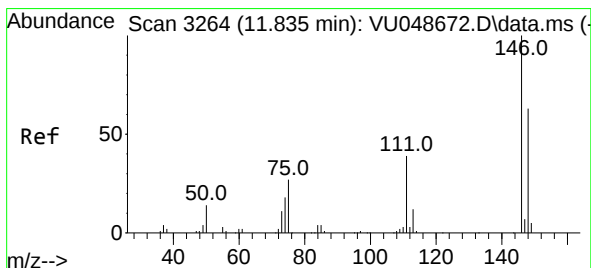
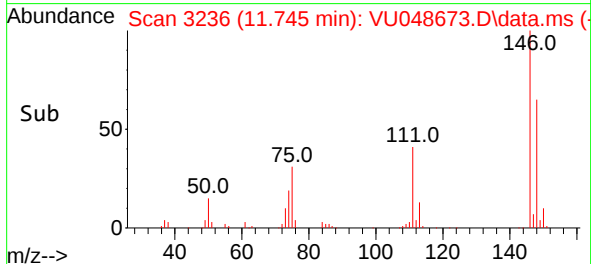
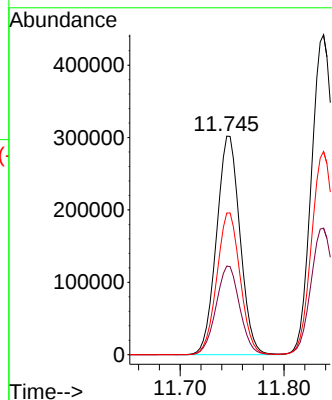
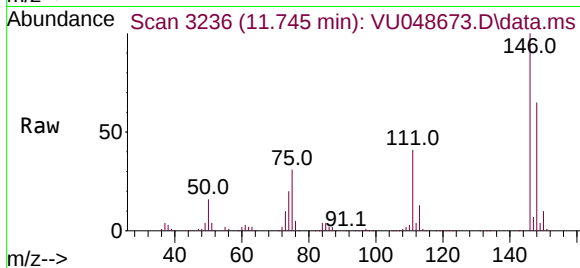
Tgt Ion:146 Resp: 474131

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

148 64.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 120.720 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

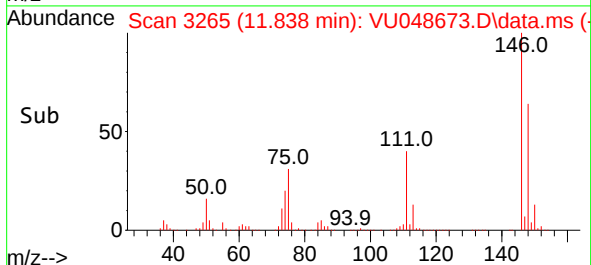
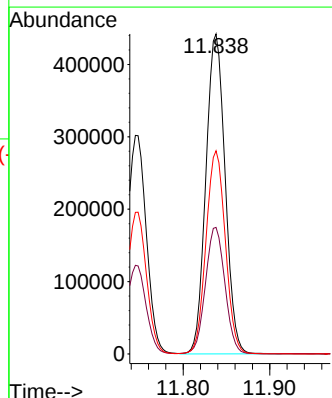
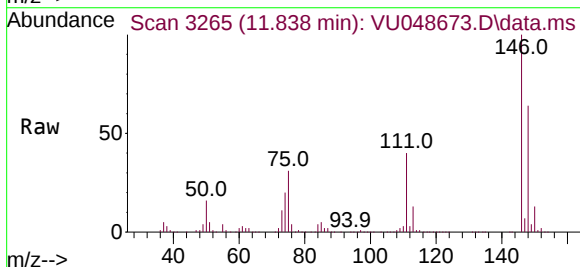
Tgt Ion:146 Resp: 682363

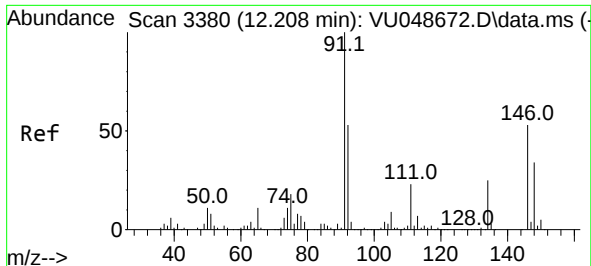
Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.6

148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 138.249 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

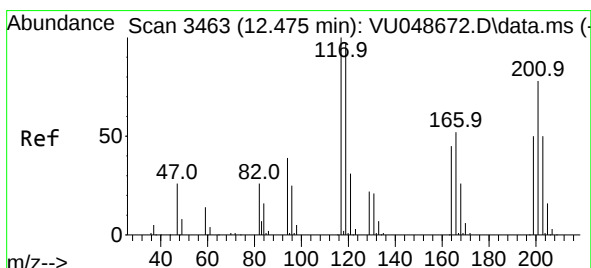
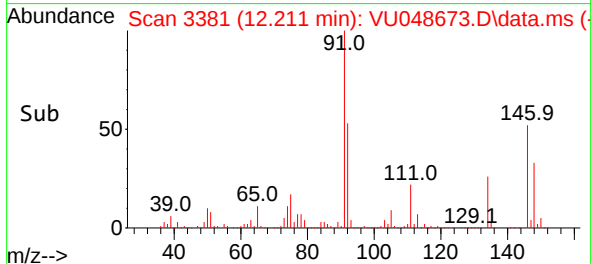
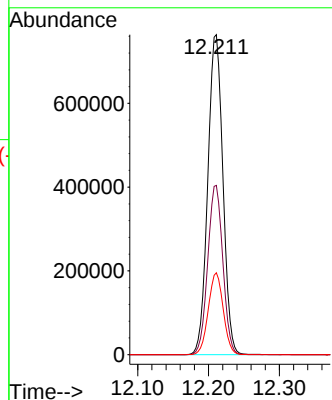
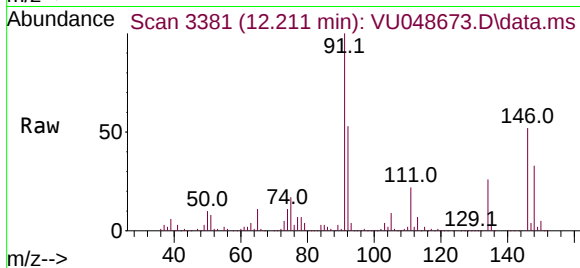
Tgt Ion: 91 Resp: 1131889

Ion Ratio Lower Upper

91 100

92 52.9 25.9 77.8

134 25.3 12.5 37.5



#90

Hexachloroethane

Concen: 102.579 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048673.D

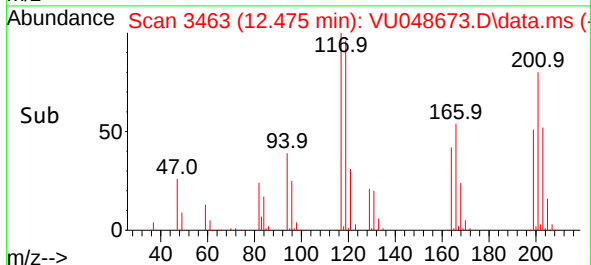
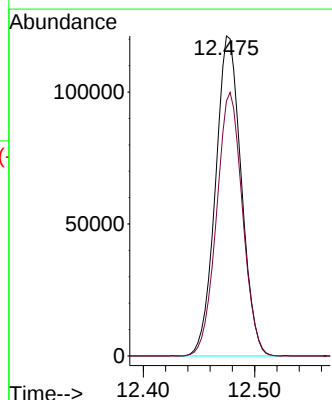
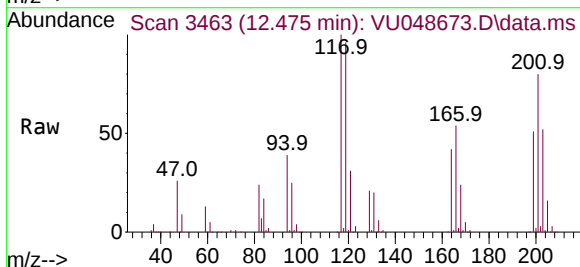
Acq: 26 May 2022 11:47

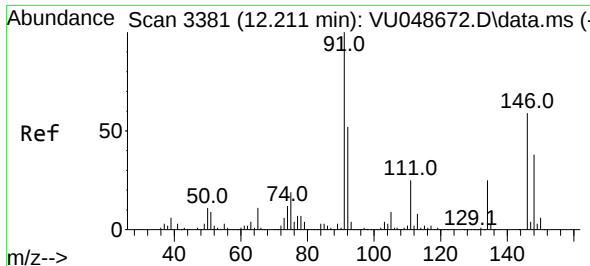
Tgt Ion:117 Resp: 195045

Ion Ratio Lower Upper

117 100

201 82.8 39.6 119.0

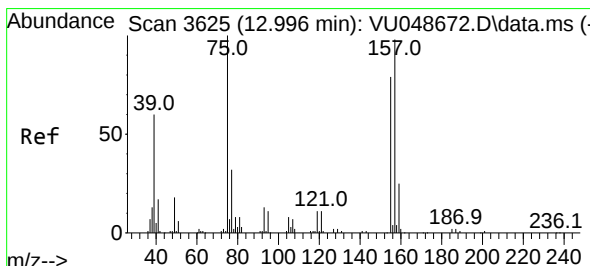
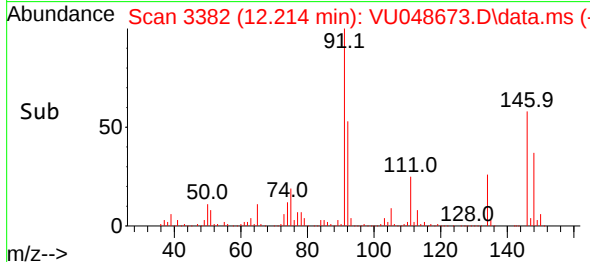
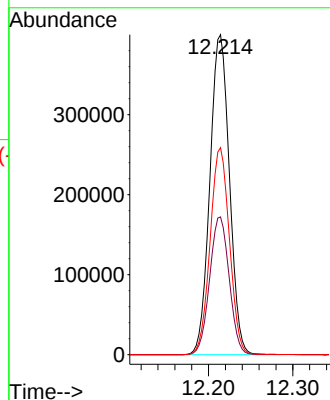
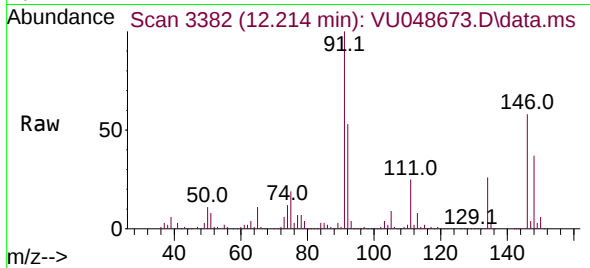




#91
1,2-Dichlorobenzene
Concen: 116.472 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

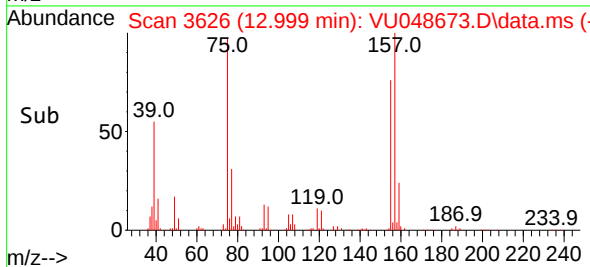
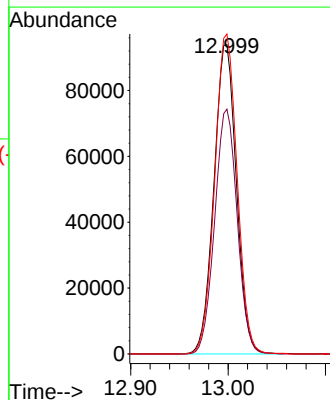
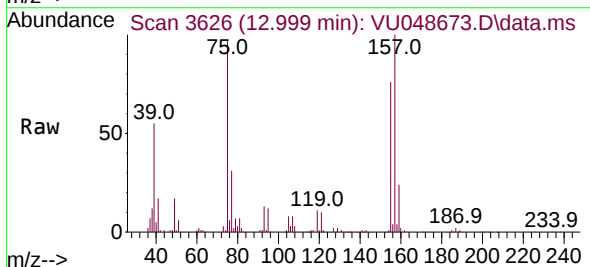
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

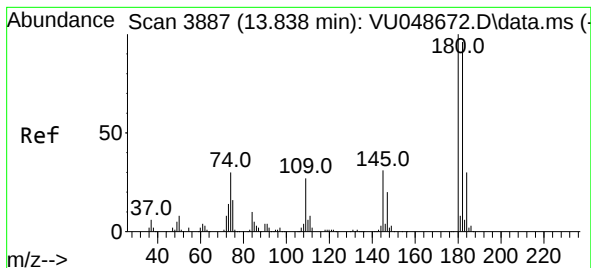
Tgt Ion:146 Resp: 643728
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 123.536 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion: 75 Resp: 150818
Ion Ratio Lower Upper
75 100
155 79.2 40.3 120.8
157 103.1 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 130.324 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

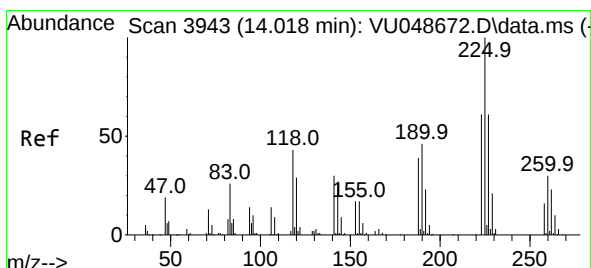
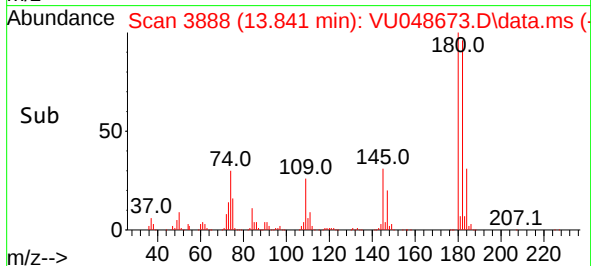
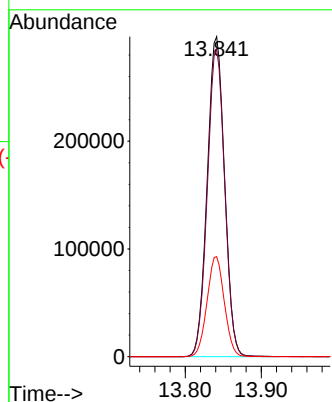
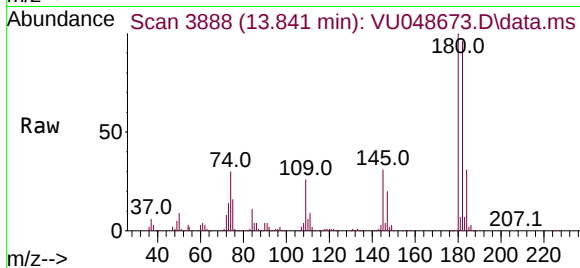
Tgt Ion:180 Resp: 472657

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.9

145 31.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 117.973 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048673.D

Acq: 26 May 2022 11:47

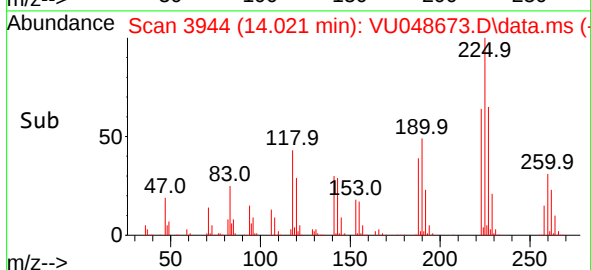
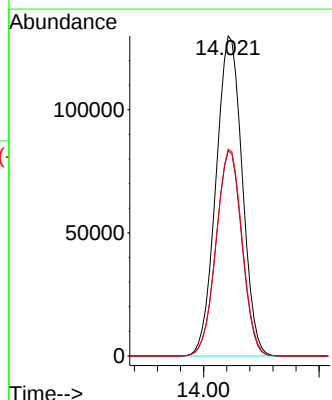
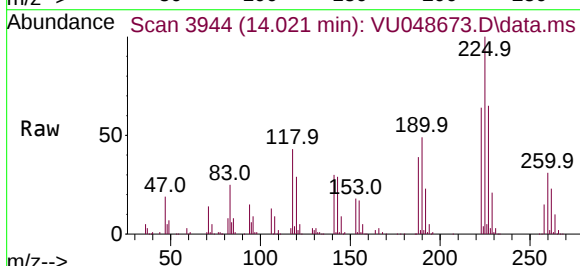
Tgt Ion:225 Resp: 205083

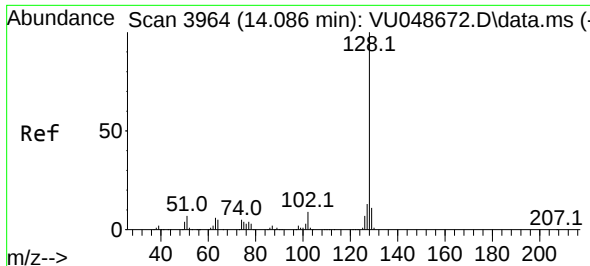
Ion Ratio Lower Upper

225 100

223 63.1 30.9 92.8

227 64.1 31.1 93.5

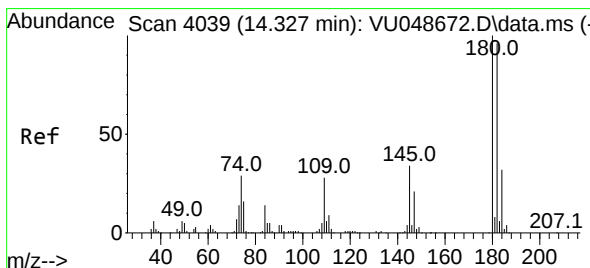
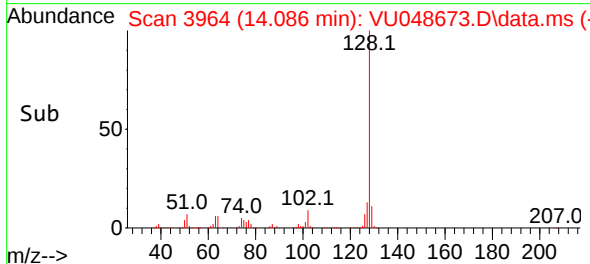
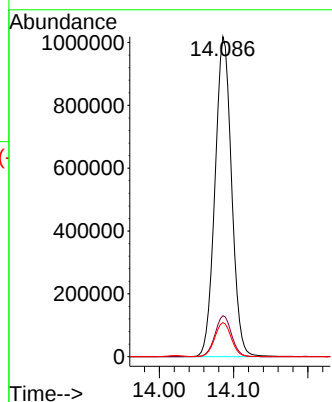
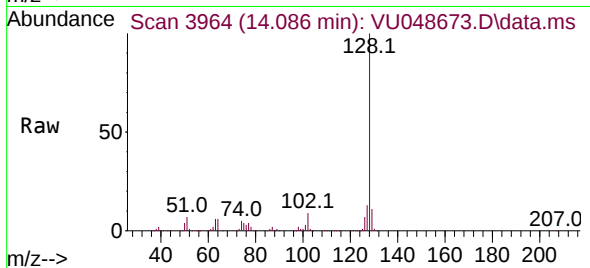




#95
Naphthalene
Concen: 140.234 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1577464
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 128.942 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048673.D
Acq: 26 May 2022 11:47

Tgt Ion:180 Resp: 463181
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 33.6 16.6 49.8

