

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049633.D
 Acq On : 06 Jul 2022 11:10
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 07 06:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 06:16:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	59457	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	21217	0.994	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20587	0.826	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	113987	5.286	ug/l	100
3) Chloromethane	1.530	50	110551	4.681	ug/l	99
4) Vinyl Chloride	1.604	62	105502	4.996	ug/l	98
5) Bromomethane	1.855	94	52709	4.127	ug/l	99
6) Chloroethane	1.935	64	58549	4.563	ug/l	99
7) Trichlorofluoromethane	2.141	101	128261	4.623	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	66059	4.179	ug/l	99
9) 1,1-Dichloroethene	2.581	96	66308	4.207	ug/l	93
10) Iodomethane	2.723	142	90842	7.419	ug/l	99
11) Allyl Chloride	2.922	41	115140	5.135	ug/l	100
12) Acrylonitrile	3.318	53	34875	8.787	ug/l	99
13) Acetone	2.629	43	61709	19.660	ug/l	98
14) Carbon Disulfide	2.793	76	218944	4.365	ug/l	100
15) Methylene Chloride	3.044	84	77297	3.091	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	69842	4.062	ug/l	99
17) 1,1-Dichloroethane	3.867	63	144686	4.965	ug/l	99
18) 2-Butanone	4.716	43	113990	26.368	ug/l	99
19) Cyclohexane	5.385	56	126274	5.526	ug/l	90
20) Methylcyclohexane	6.761	83	137516	5.553	ug/l	98
21) 2,2-Dichloropropane	4.665	77	114019	4.773	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	88721	4.912	ug/l	97
23) Diethyl Ether	2.379	59	55837	4.683	ug/l	99
24) tert-Butyl Alcohol	3.202	59	66209	51.605	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	186192	4.699	ug/l	100
26) Bromochloromethane	4.977	128	37137	4.227	ug/l	100
27) Chloroform	5.089	83	143648	4.709	ug/l	97
28) 1,1,1-Trichloroethane	5.317	97	127816	4.905	ug/l	100
29) 1,1-Dichloropropene	5.526	75	111758	5.068	ug/l	99
30) Carbon Tetrachloride	5.523	117	108653	4.808	ug/l	100
31) Isopropyl Ether	4.002	45	250001	5.980	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	237640	5.907	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	205571	5.743	ug/l	99
34) Propionitrile	4.784	54	34362	24.962	ug/l	96
35) Benzene	5.774	78	325822	4.957	ug/l	100
36) 1,2-Dichloroethane	5.797	62	91979	4.804	ug/l	100
37) Trichloroethene	6.542	130	81387	4.356	ug/l	100
38) 1,2-Dichloropropane	6.793	63	85923	5.123	ug/l	98
39) Methacrylonitrile	4.983	41	29033	5.776	ug/l	98
40) Methyl acrylate	4.854	55	43488	5.336	ug/l	98
41) Tetrahydrofuran	5.067	42	32084	11.319	ug/l	99
42) 1-Chlorobutane	5.459	56	159373	5.522	ug/l	100
43) Dibromomethane	6.919	93	42279	4.493	ug/l	99
44) Bromodichloromethane	7.108	83	102656	4.673	ug/l	95

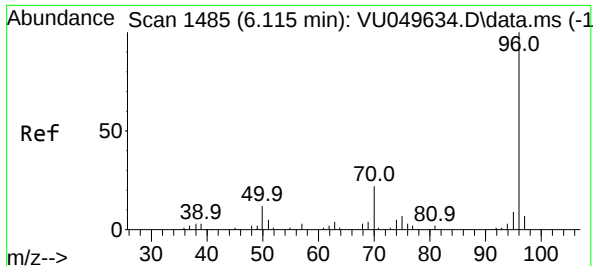
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	286344	28.705	ug/l	100
46) t-1,4-Dichloro-2-butene	10.828	75	94928	20.894	ug/l #	52
47) Methyl methacrylate	6.964	69	86304	11.117	ug/l	98
48) Ethyl methacrylate	8.337	69	86325	5.968	ug/l	98
49) Toluene	7.970	92	199136	5.026	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	99756	5.091	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	117606	5.176	ug/l	98
52) 1,1,2-Trichloroethane	8.401	97	59432	4.488	ug/l	99
53) 1,3-Dichloropropane	8.578	76	103838	4.721	ug/l	99
54) 2-Hexanone	8.687	43	196937	27.671	ug/l	100
55) Dibromochloromethane	8.812	129	67141	4.260	ug/l	98
56) 1,2-Dibromoethane	8.925	107	56957	4.507	ug/l	100
58) Tetrachloroethene	8.552	164	67780	4.099	ug/l	98
59) Chlorobenzene	9.446	112	204129	4.435	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	73706	4.510	ug/l	99
61) Pentachloroethane	11.430	117	56298	4.164	ug/l	99
62) Hexachloroethane	12.475	117	56526	4.533	ug/l	99
63) Ethyl Benzene	9.571	91	379701	5.258	ug/l	99
64) m/p-Xylenes	9.693	106	279954	9.875	ug/l	99
65) o-Xylene	10.099	106	139340	5.123	ug/l	98
66) Styrene	10.115	104	224373	4.928	ug/l	99
67) Bromoform	10.292	173	38460	3.914	ug/l	100
69) Isopropylbenzene	10.484	105	368906	5.167	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	77111	4.533	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	94928	7.241	ug/l	73
72) Bromobenzene	10.783	156	81444	3.921	ug/l	99
73) n-propylbenzene	10.906	120	94815	4.745	ug/l	99
74) 2-Chlorotoluene	10.986	126	82833	4.398	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	315527	5.228	ug/l	98
76) 4-Chlorotoluene	11.099	126	83172	4.229	ug/l	98
77) tert-Butylbenzene	11.420	119	303024	4.970	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	315498	5.113	ug/l	99
79) sec-Butylbenzene	11.642	105	404938	5.071	ug/l	99
80) Nitrobenzene	13.208	77	15024	23.030	ug/l #	99
81) p-Isopropyltoluene	11.793	119	329821	4.977	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	160134	3.850	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	160050	3.860	ug/l	99
84) n-Butylbenzene	12.208	91	307563	4.834	ug/l	100
85) 1,2-Dichlorobenzene	12.211	146	154870	3.941	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	13349	4.862	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	107677	3.788	ug/l	100
88) Hexachlorobutadiene	14.021	225	54912	3.307	ug/l	99
89) Naphthalene	14.086	128	219849	4.821	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	101721	3.857	ug/l	100

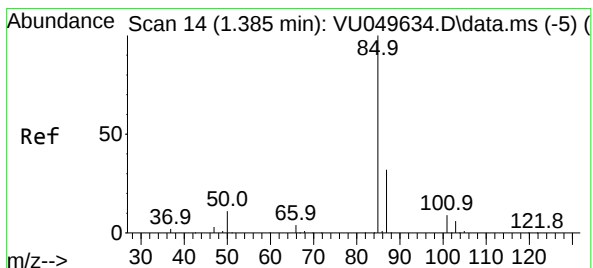
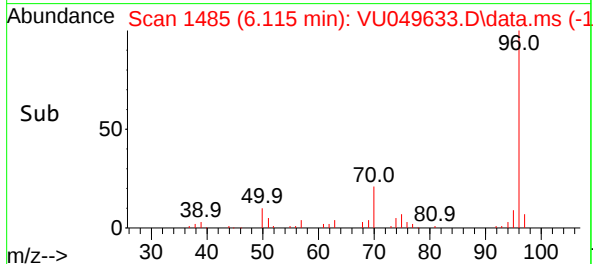
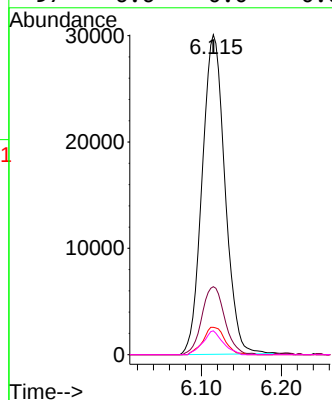
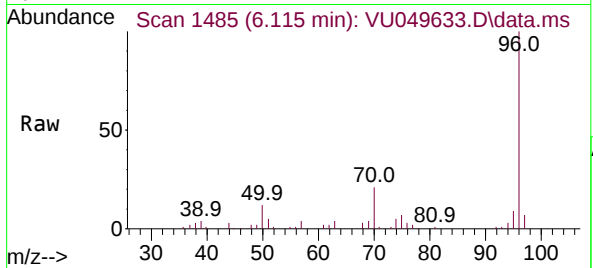
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049633.D
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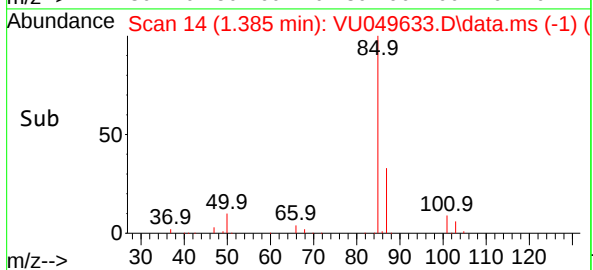
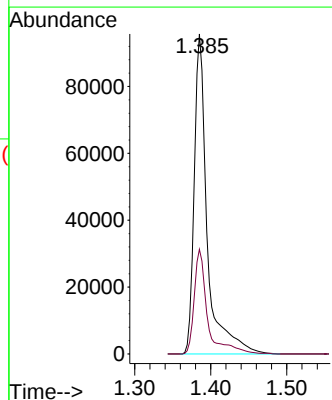
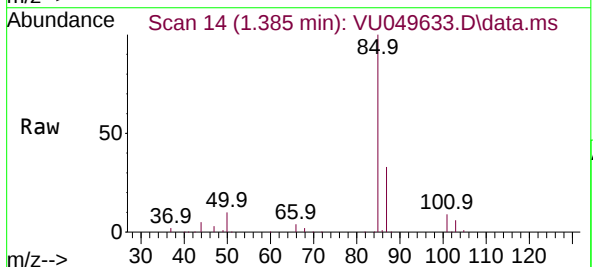
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

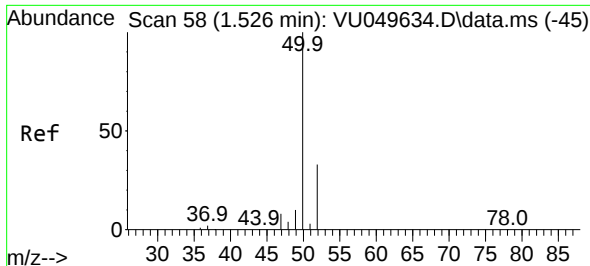
Tgt Ion: 96	Resp: 59457
Ion Ratio	Lower Upper
96 100	
70 21.4	16.7 25.1
95 8.2	7.4 11.0
97 6.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 5.286 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 85	Resp: 113987
Ion Ratio	Lower Upper
85 100	
87 32.7	16.3 48.8

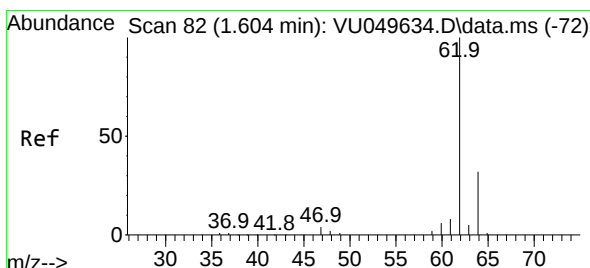
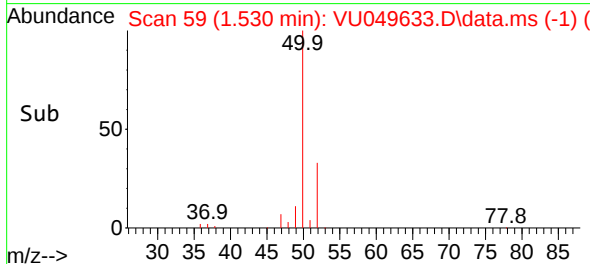
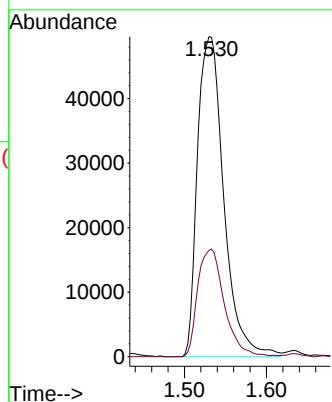
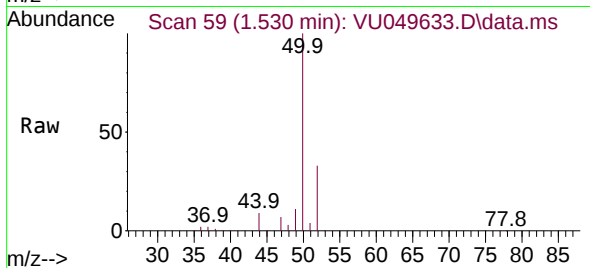




#3
Chloromethane
Concen: 4.681 ug/l
RT: 1.530 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

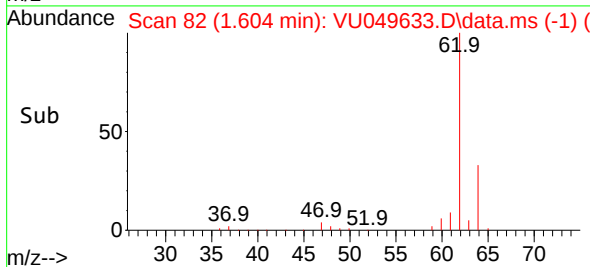
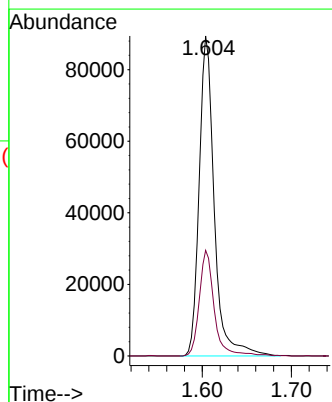
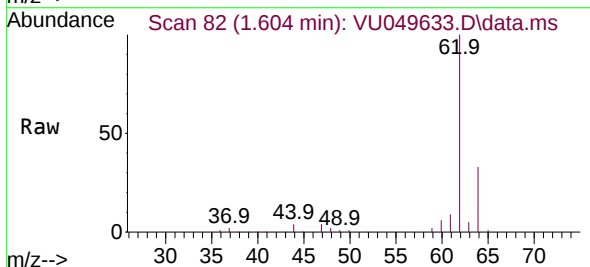
Instrument :
MSVOA_U
ClientSampleId :
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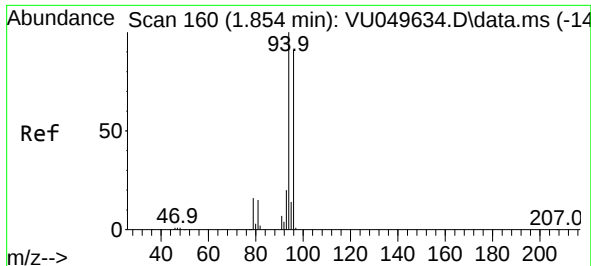
Tgt Ion: 50 Resp: 110551
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 4.996 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 62 Resp: 105502
Ion Ratio Lower Upper
62 100
64 33.0 25.5 38.3

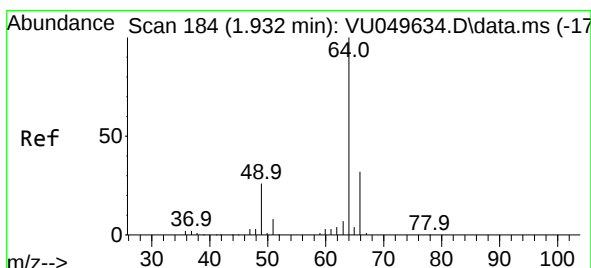
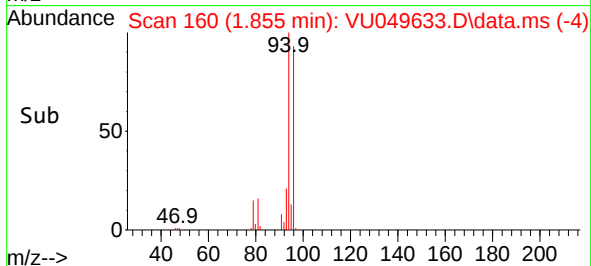
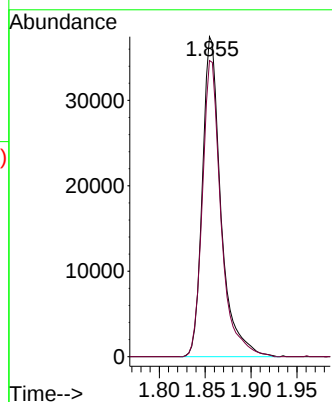
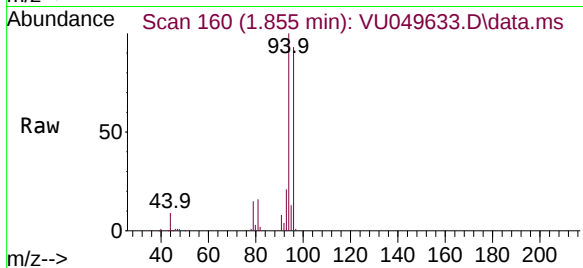




#5
Bromomethane
Concen: 4.127 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

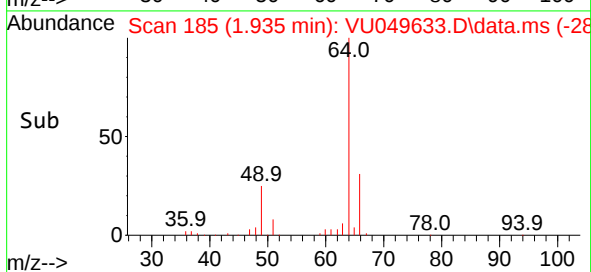
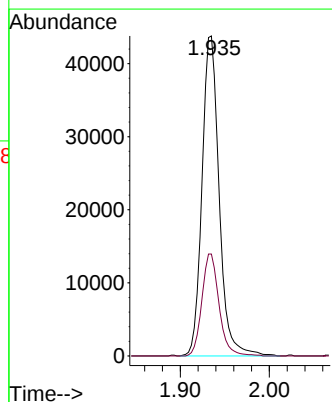
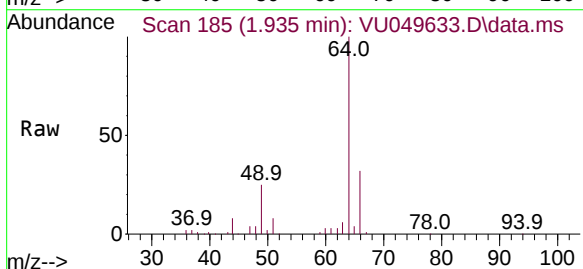
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MSVOA_U
ClientSampleId :
VSTDIC005

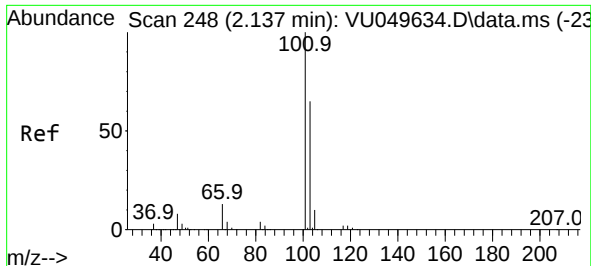
Tgt Ion: 94 Resp: 52709
Ion Ratio Lower Upper
94 100
96 92.5 73.0 109.6



#6
Chloroethane
Concen: 4.563 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 64 Resp: 58549
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.6

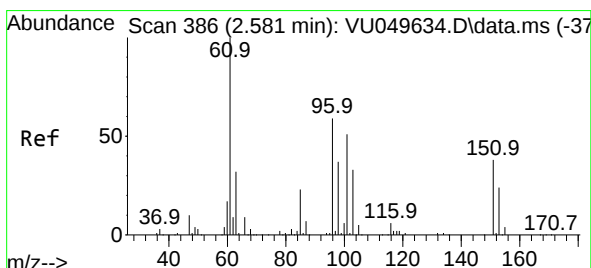
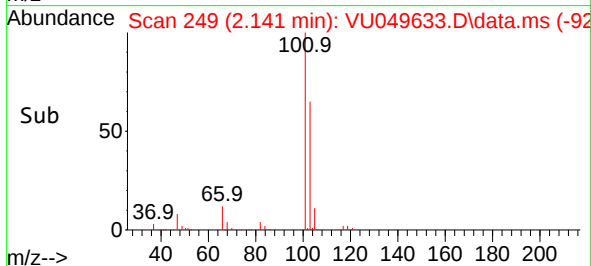
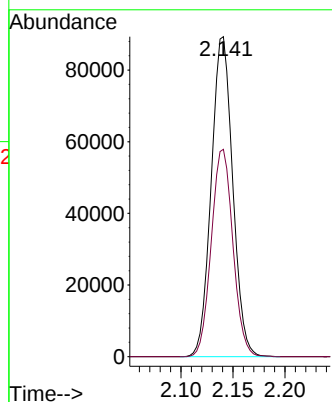
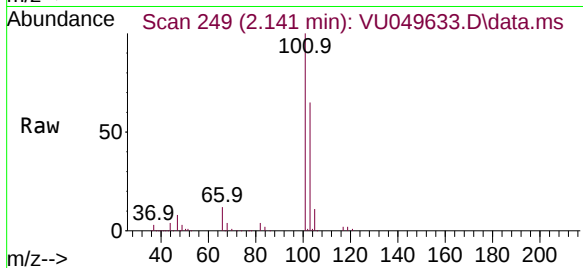




#7
 Trichlorofluoromethane
 Concen: 4.623 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

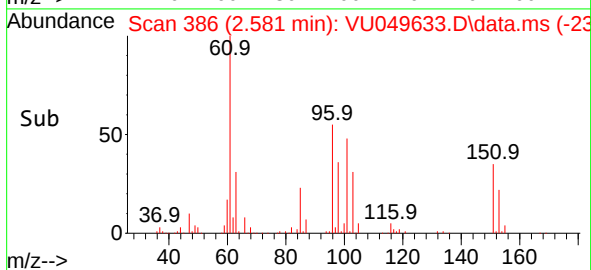
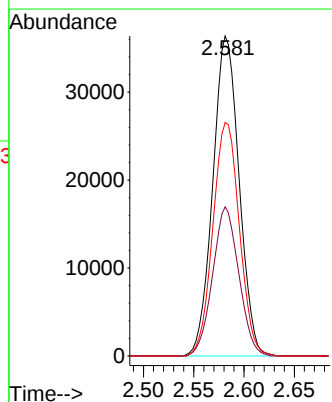
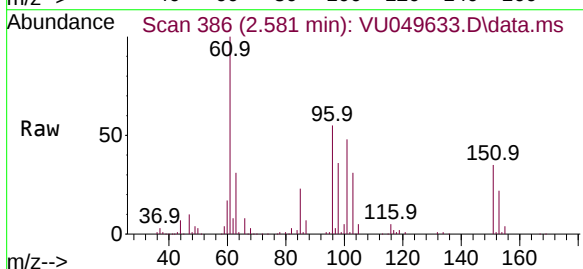
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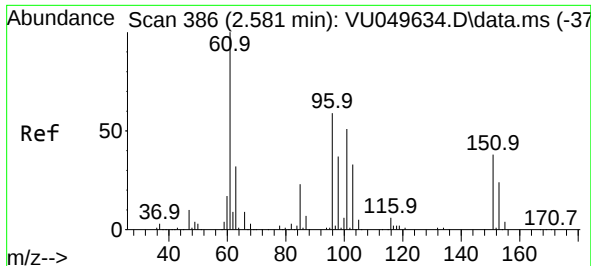
Tgt Ion:101 Resp: 128261
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.179 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

Tgt Ion:101 Resp: 66059
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.4 54.6
 151 73.6 59.1 88.7

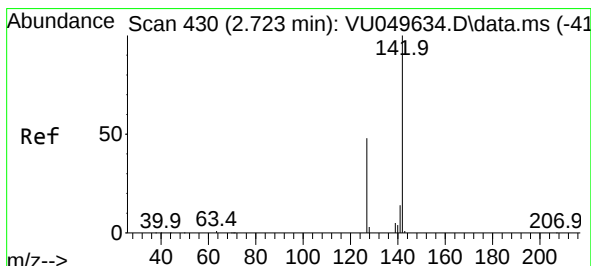
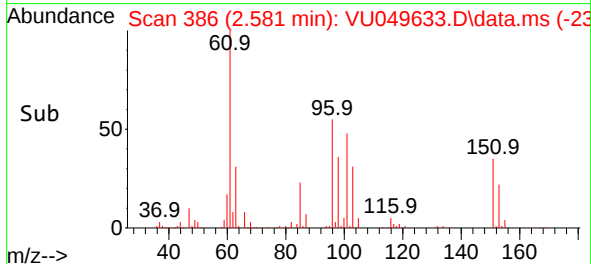
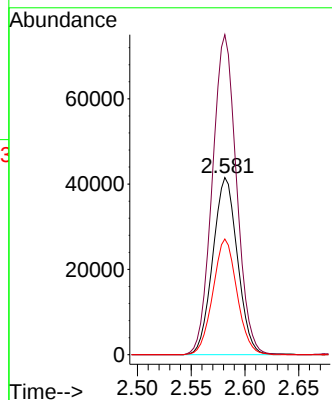
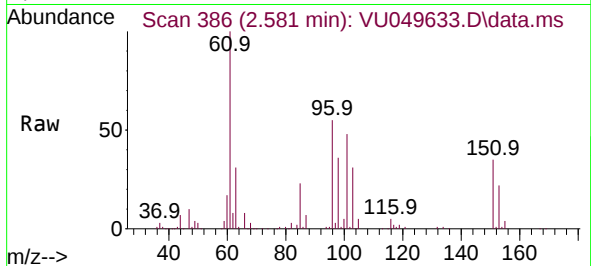




#9
1,1-Dichloroethene
Concen: 4.207 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

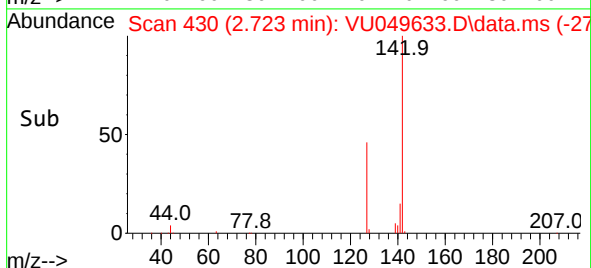
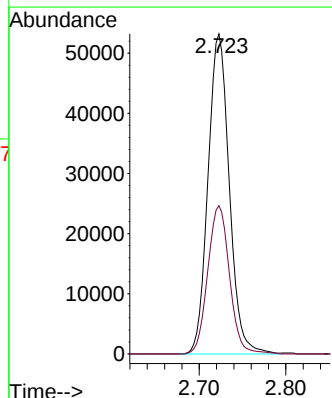
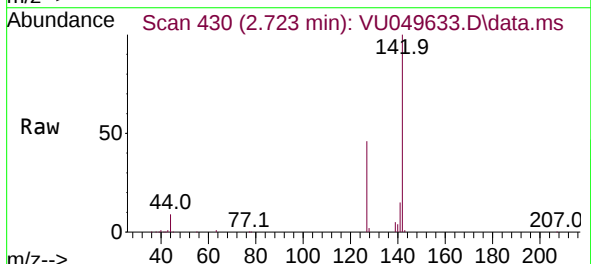
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

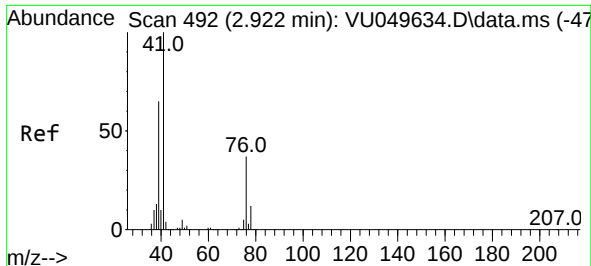
Tgt Ion: 96 Resp: 66308
Ion Ratio Lower Upper
96 100
61 180.7 0.0 510.6
98 65.3 0.0 124.6



#10
Iodomethane
Concen: 7.419 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 142 Resp: 90842
Ion Ratio Lower Upper
142 100
127 47.3 38.2 57.2





#11

Allyl Chloride

Concen: 5.135 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

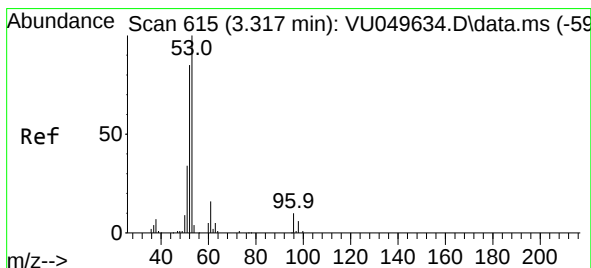
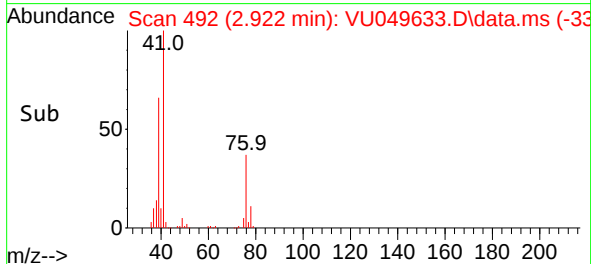
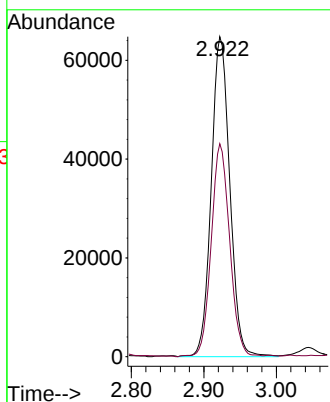
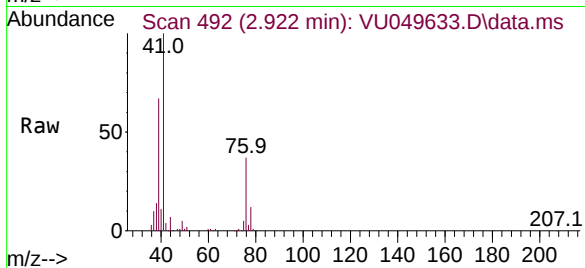
VSTDIC005

Tgt Ion: 41 Resp: 115140

Ion Ratio Lower Upper

41 100

39 66.2 53.2 79.8



#12

Acrylonitrile

Concen: 8.787 ug/l

RT: 3.318 min Scan# 615

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

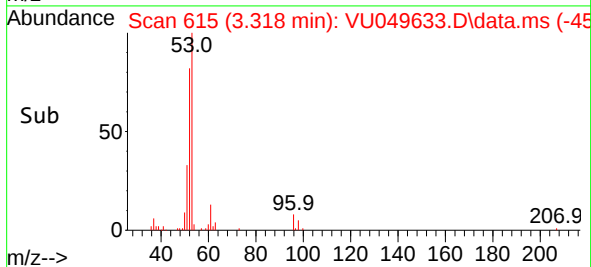
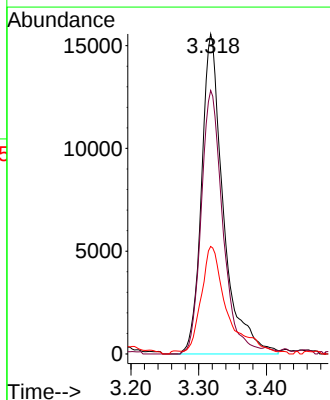
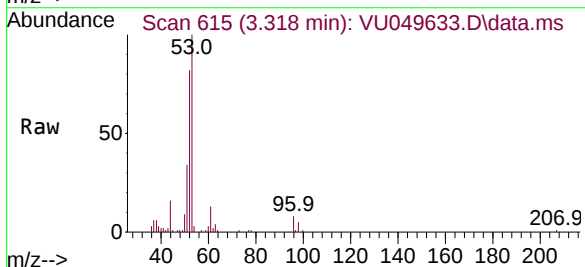
Tgt Ion: 53 Resp: 34875

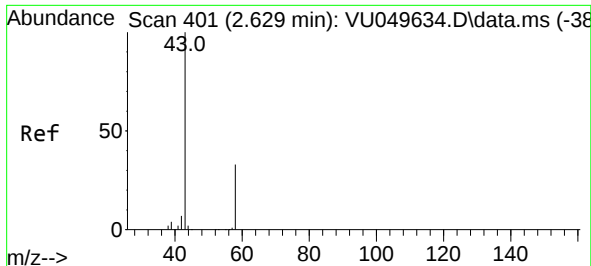
Ion Ratio Lower Upper

53 100

52 81.3 64.6 97.0

51 37.4 30.7 46.1





#13

Acetone

Concen: 19.660 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

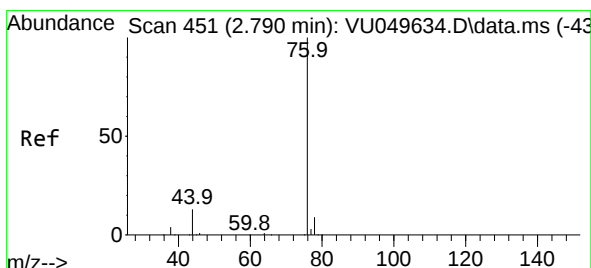
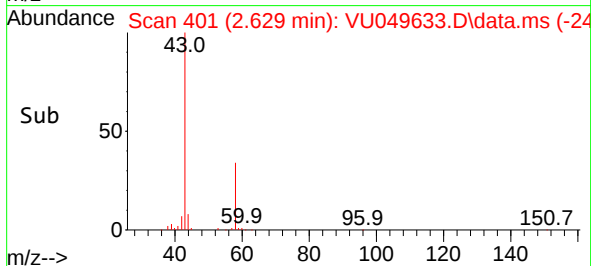
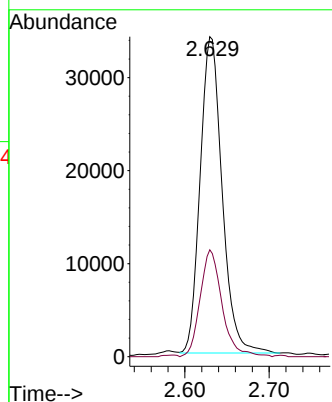
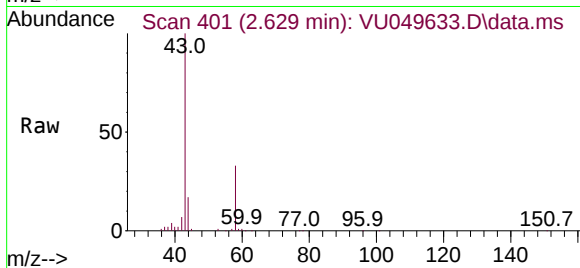
VSTDIC005

Tgt Ion: 43 Resp: 61709

Ion Ratio Lower Upper

43 100

58 33.8 26.2 39.2



#14

Carbon Disulfide

Concen: 4.365 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049633.D

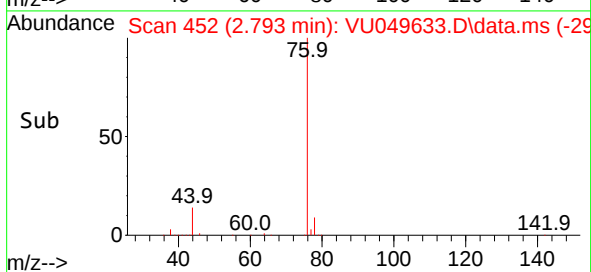
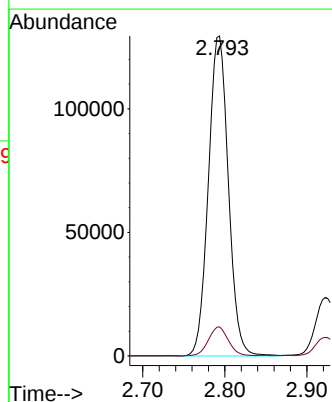
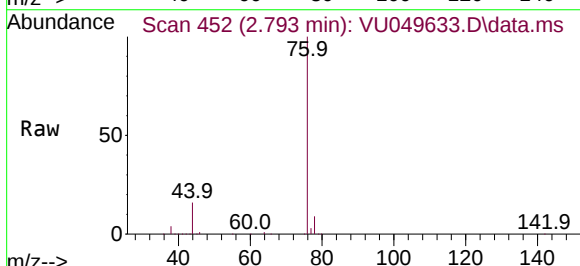
Acq: 06 Jul 2022 11:10

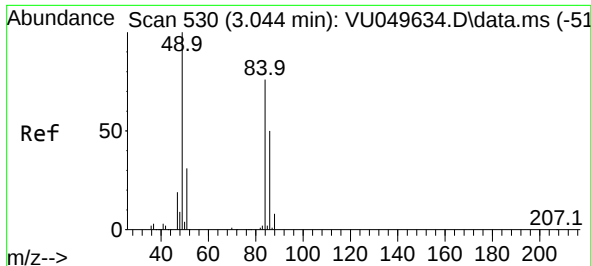
Tgt Ion: 76 Resp: 218944

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



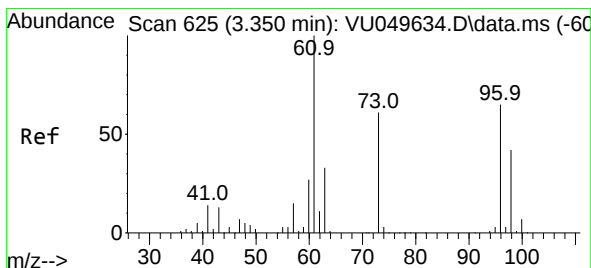
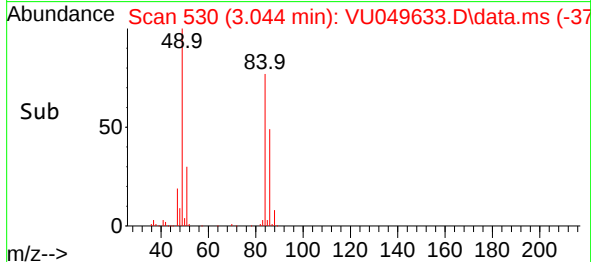
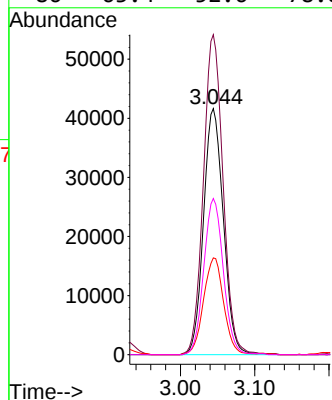
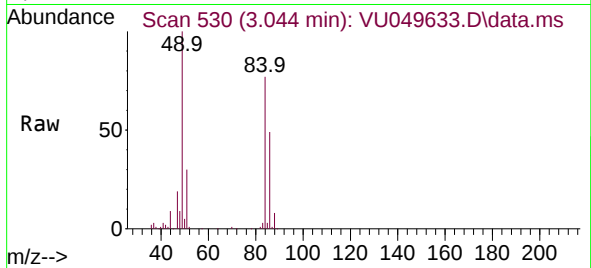


#15
Methylene Chloride
Concen: 3.091 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 84 Resp: 77297

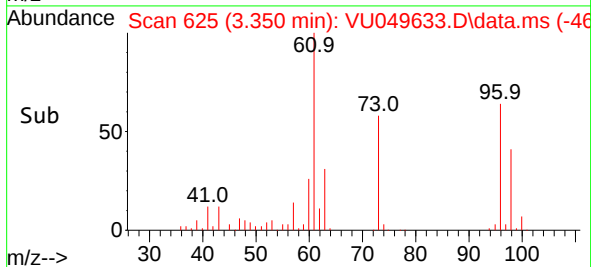
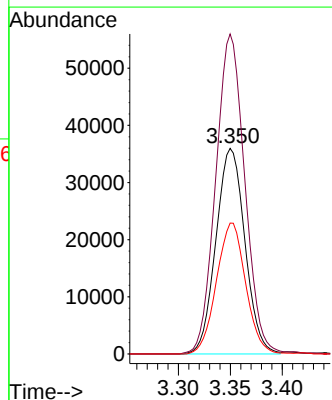
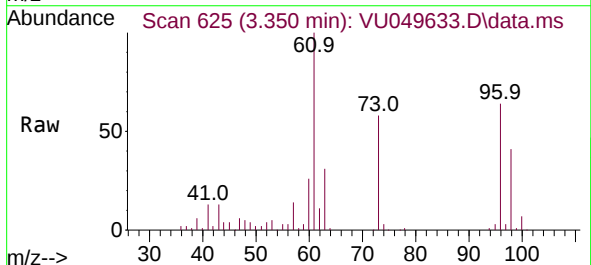
Ion	Ratio	Lower	Upper
84	100		
49	130.0	104.6	157.0
51	39.3	0.0	81.4
86	63.4	52.6	78.8

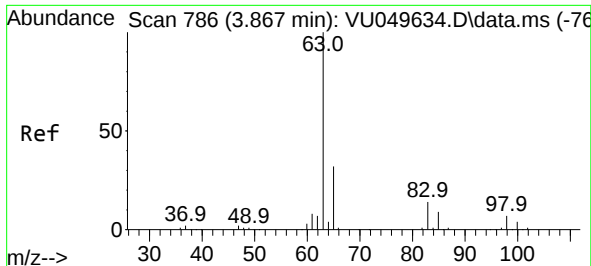


#16
trans-1,2-Dichloroethene
Concen: 4.062 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 96 Resp: 69842

Ion	Ratio	Lower	Upper
96	100		
61	155.6	123.4	185.0
98	63.6	51.6	77.4

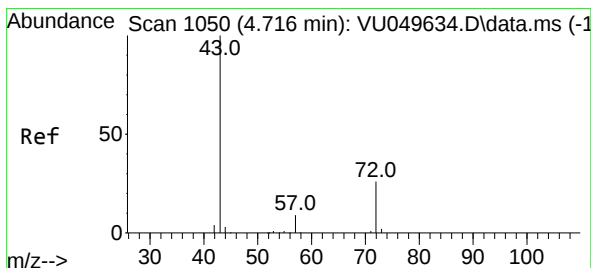
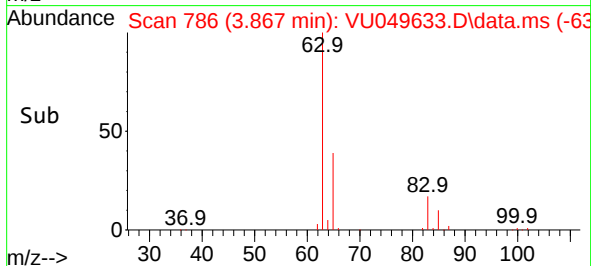
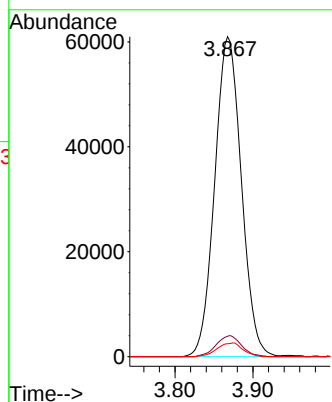
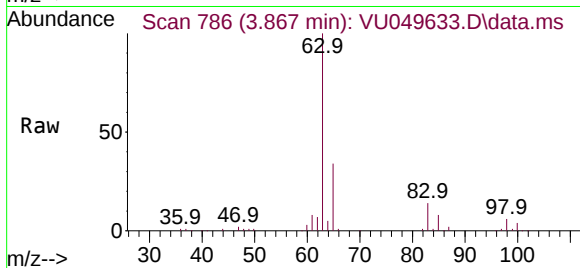




#17
1,1-Dichloroethane
Concen: 4.965 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

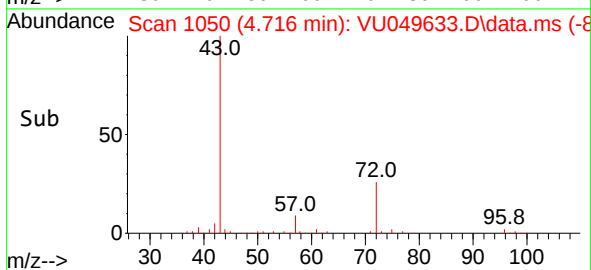
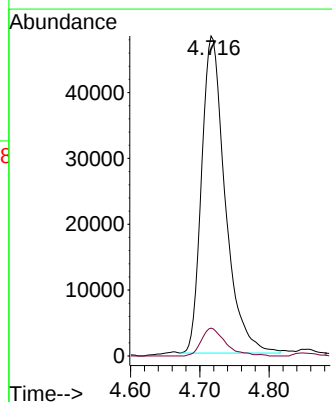
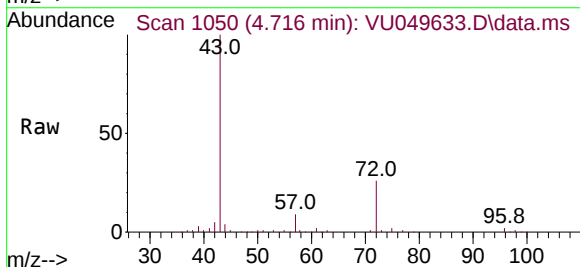
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

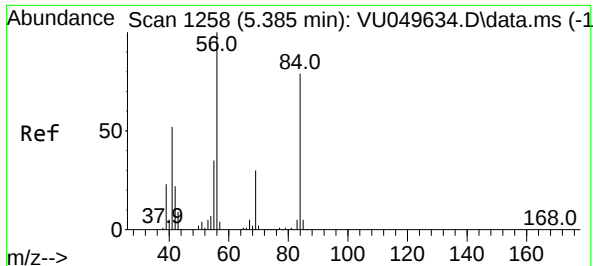
Tgt Ion: 63 Resp: 144686
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 4.0 2.0 6.0



#18
2-Butanone
Concen: 26.368 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 43 Resp: 113990
Ion Ratio Lower Upper
43 100
57 8.8 0.0 18.0





#19

Cyclohexane

Concen: 5.526 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

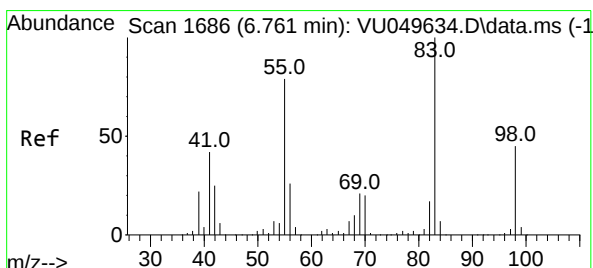
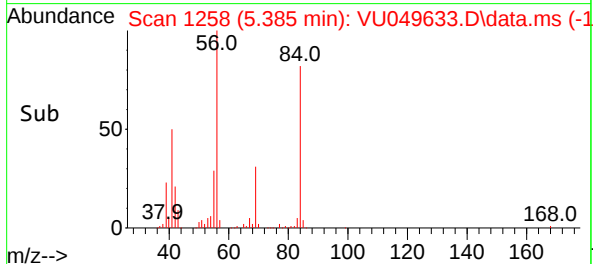
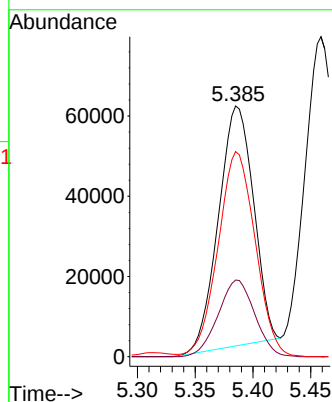
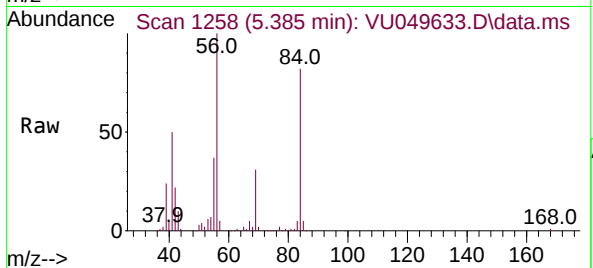
Tgt Ion: 56 Resp: 126274

Ion Ratio Lower Upper

56 100

69 33.4 24.2 36.4

84 89.4 63.4 95.2



#20

Methylcyclohexane

Concen: 5.553 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

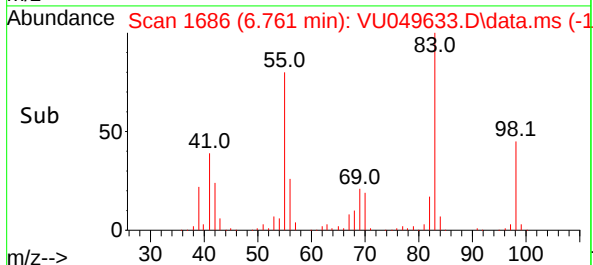
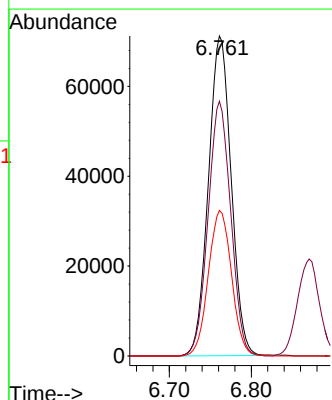
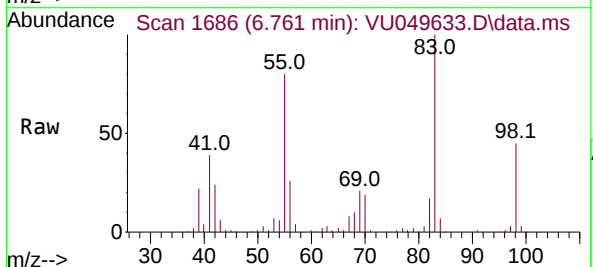
Tgt Ion: 83 Resp: 137516

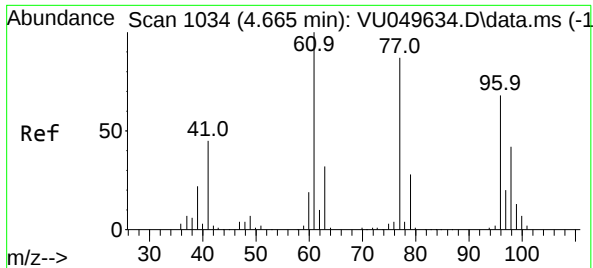
Ion Ratio Lower Upper

83 100

55 79.5 63.0 94.4

98 46.4 35.7 53.5

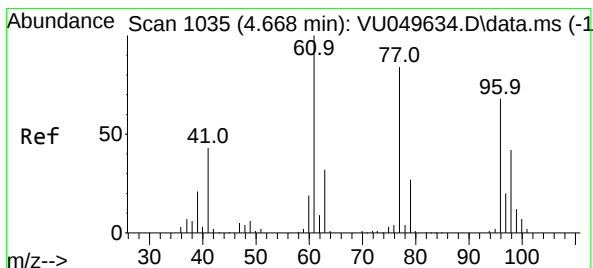
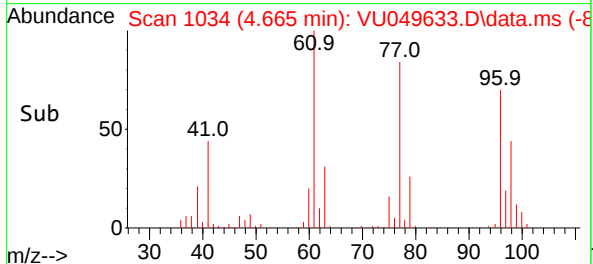
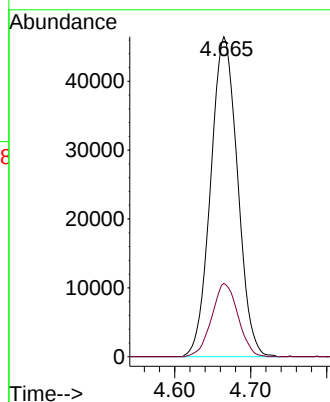
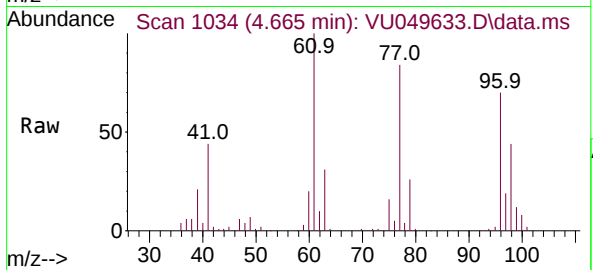




#21
2,2-Dichloropropane
Concen: 4.773 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

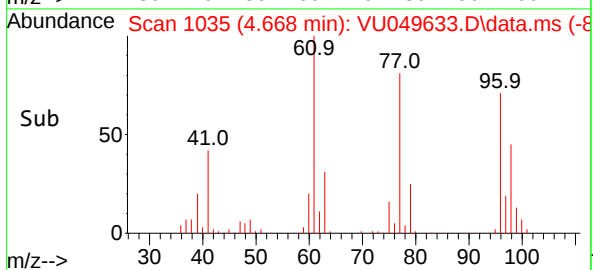
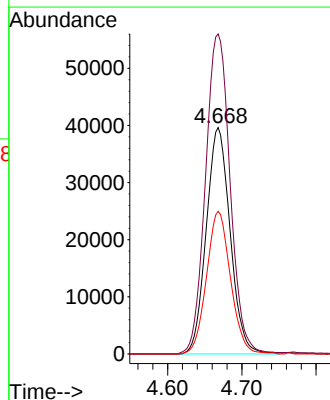
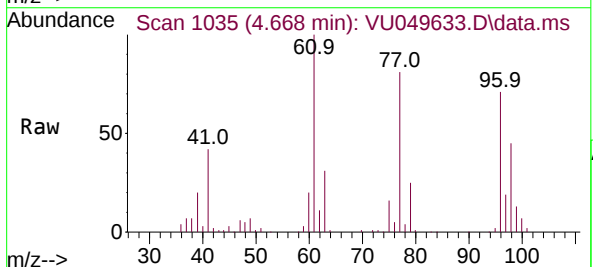
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

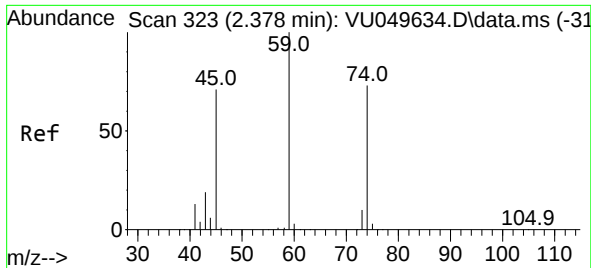
Tgt Ion: 77 Resp: 114019
Ion Ratio Lower Upper
77 100
97 22.4 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 4.912 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 96 Resp: 88721
Ion Ratio Lower Upper
96 100
61 145.8 0.0 375.8
98 63.2 31.6 95.0

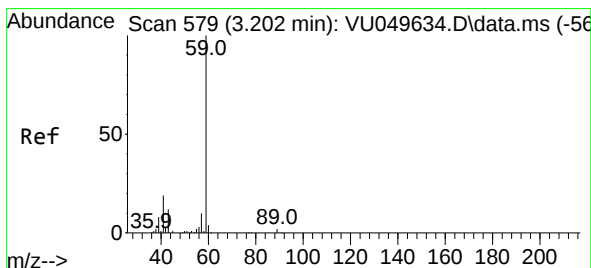
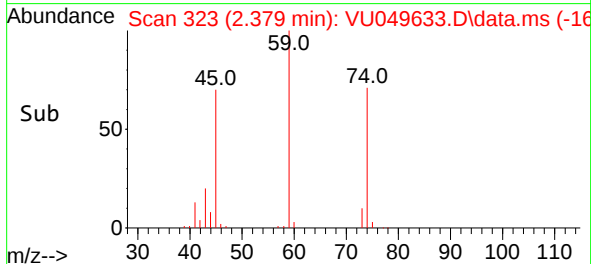
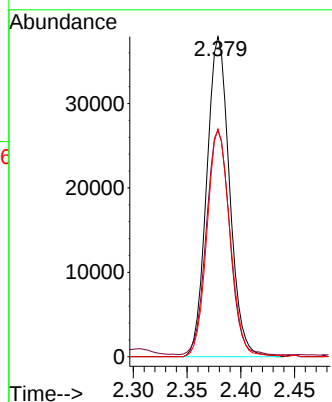
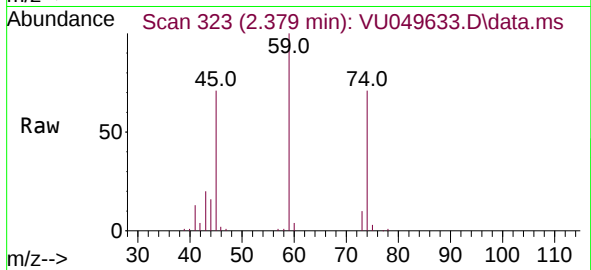




#23
Diethyl Ether
Concen: 4.683 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

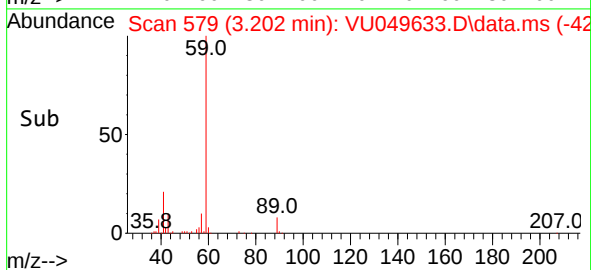
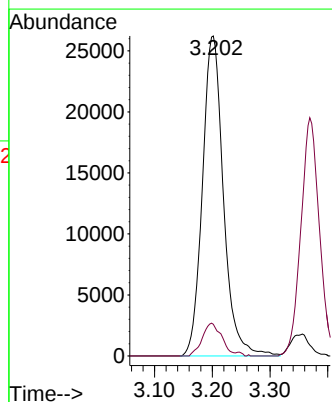
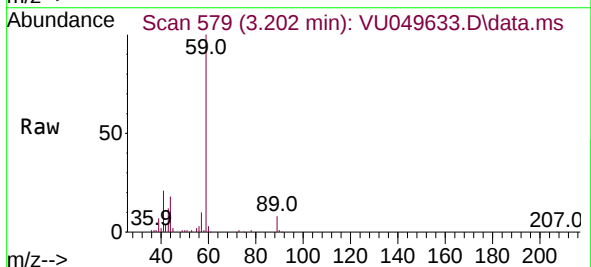
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

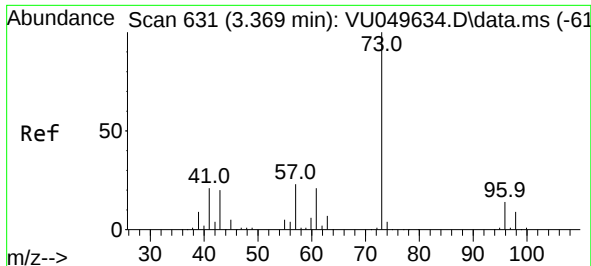
Tgt Ion: 59 Resp: 55837
Ion Ratio Lower Upper
59 100
45 71.9 56.0 84.0
74 71.6 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 51.605 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 59 Resp: 66209
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

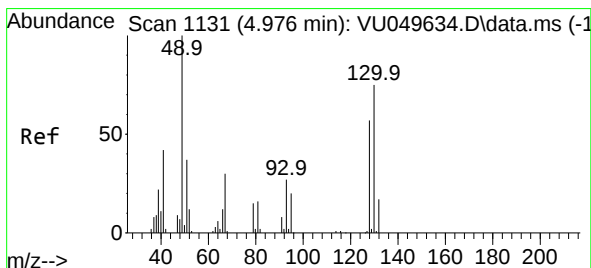
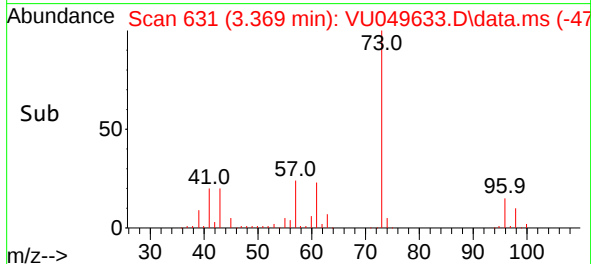
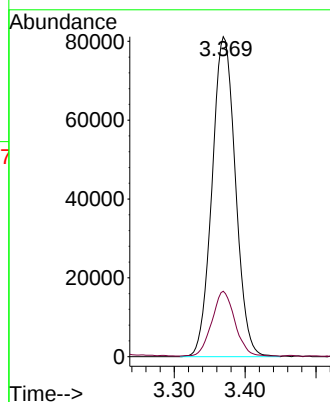
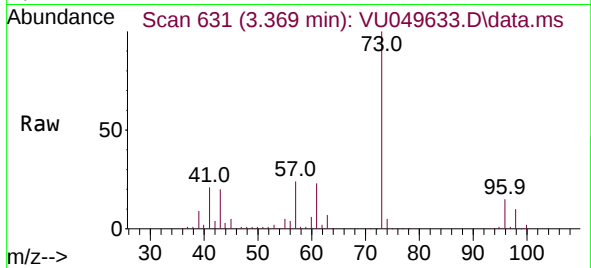




#25
Methyl tert-Butyl Ether
Concen: 4.699 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

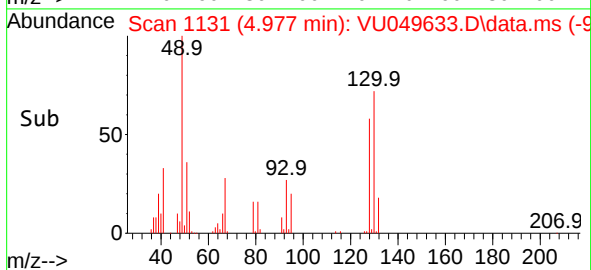
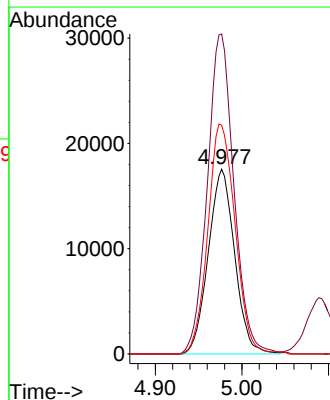
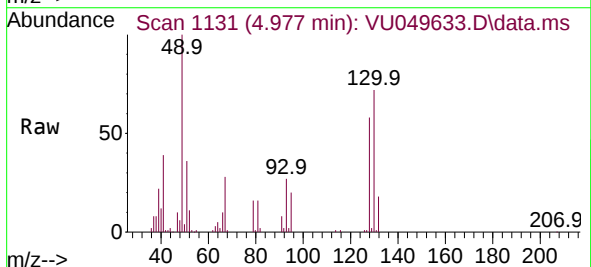
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

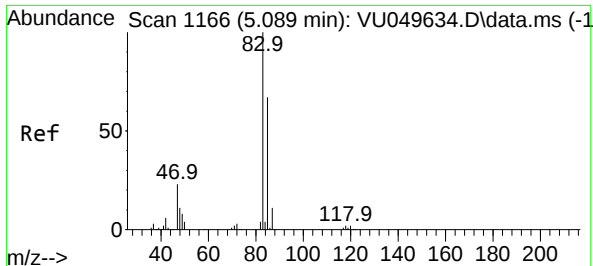
Tgt Ion: 73 Resp: 186192
Ion Ratio Lower Upper
73 100
43 19.8 15.9 23.9



#26
Bromochloromethane
Concen: 4.227 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 128 Resp: 37137
Ion Ratio Lower Upper
128 100
49 174.3 0.0 349.2
130 128.6 103.0 154.6





#27

Chloroform

Concen: 4.709 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

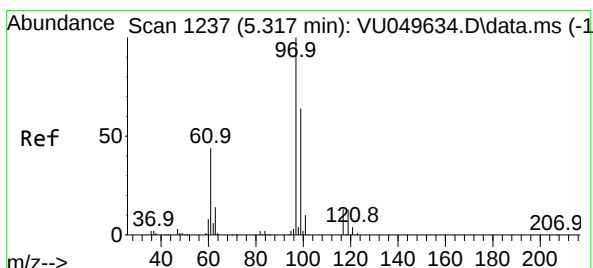
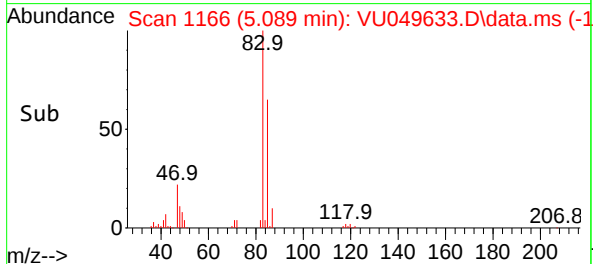
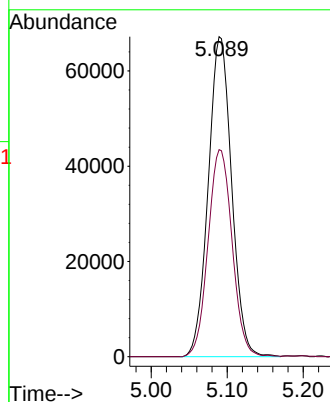
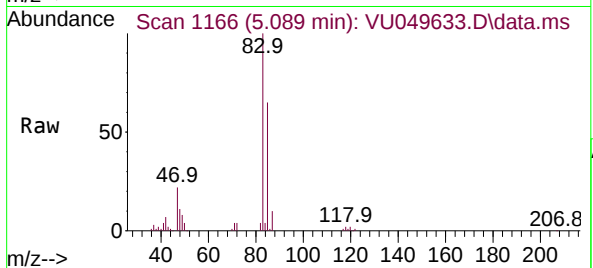
VSTDIC005

Tgt Ion: 83 Resp: 143648

Ion Ratio Lower Upper

83 100

85 64.7 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 4.905 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

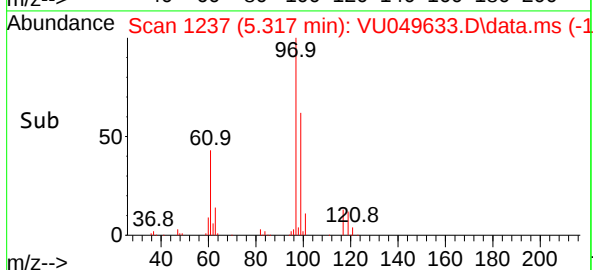
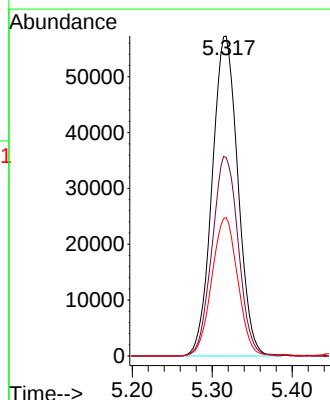
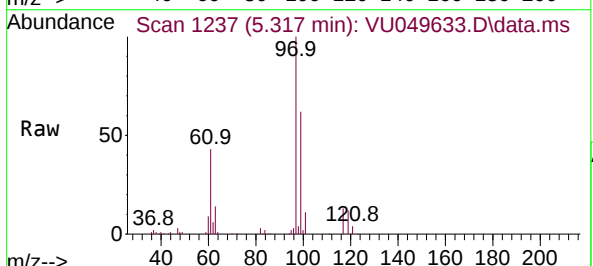
Tgt Ion: 97 Resp: 127816

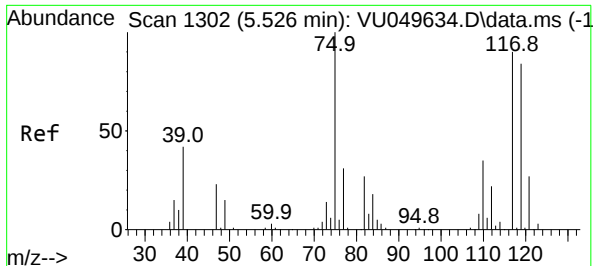
Ion Ratio Lower Upper

97 100

99 63.8 32.1 96.5

61 43.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 5.068 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

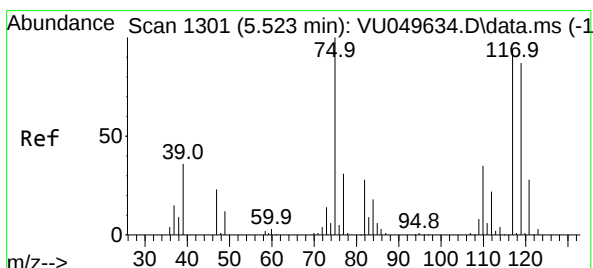
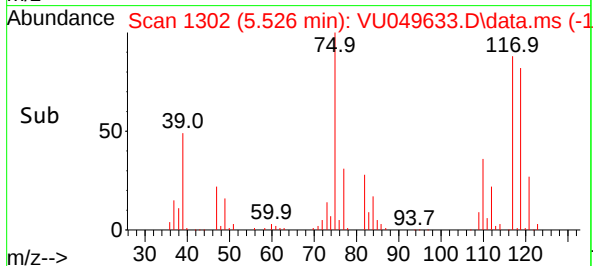
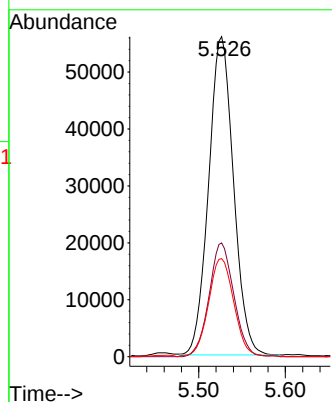
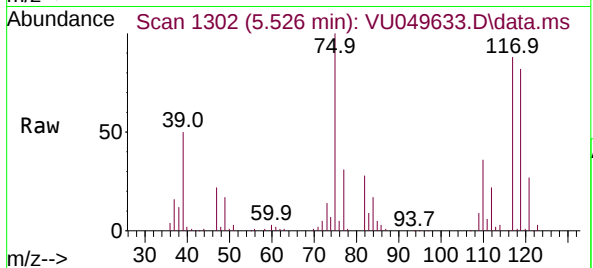
Tgt Ion: 75 Resp: 111758

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

77 31.4 24.6 37.0



#30

Carbon Tetrachloride

Concen: 4.808 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

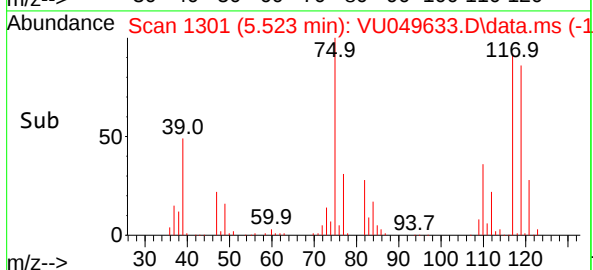
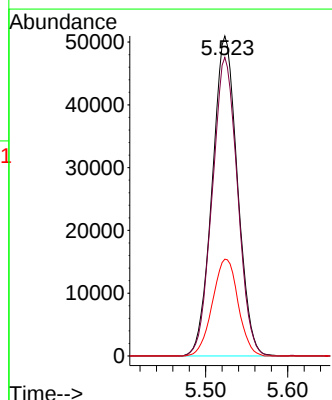
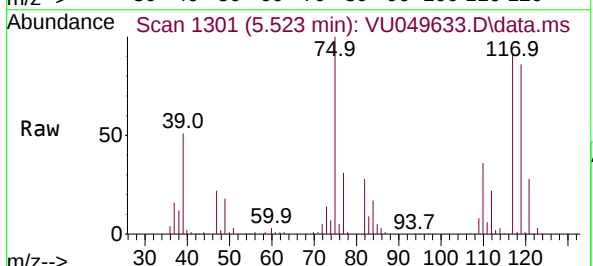
Tgt Ion: 117 Resp: 108653

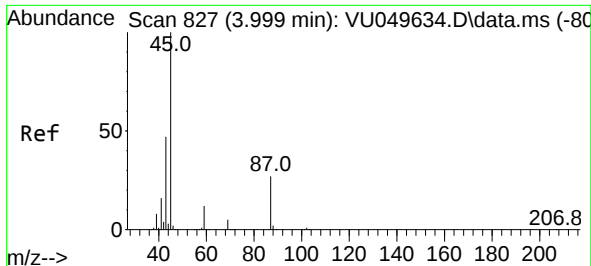
Ion Ratio Lower Upper

117 100

119 93.3 74.6 112.0

121 30.2 24.2 36.4

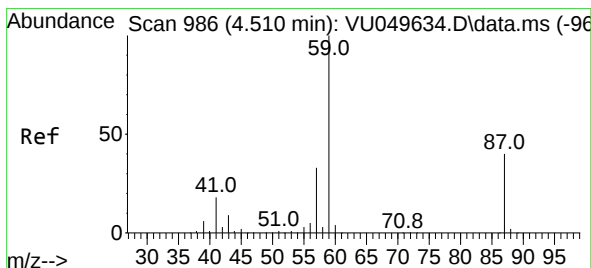
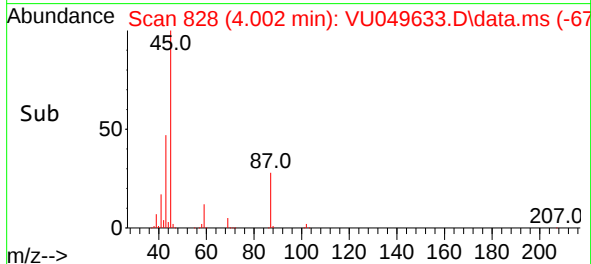
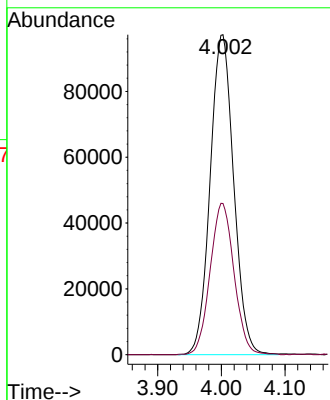
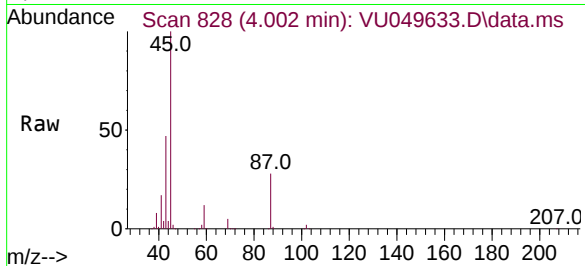




#31
Isopropyl Ether
Concen: 5.980 ug/l
RT: 4.002 min Scan# 827
Delta R.T. 0.003 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

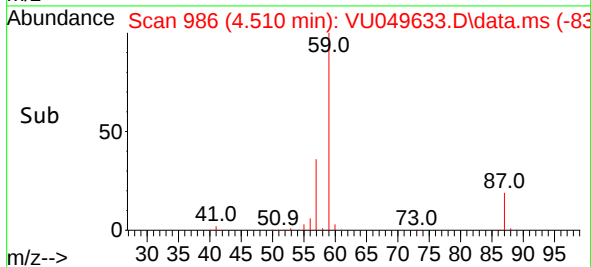
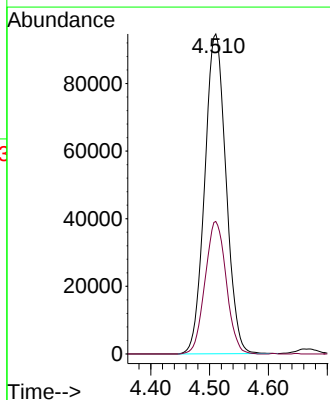
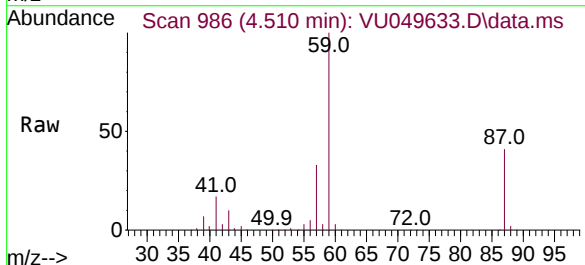
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

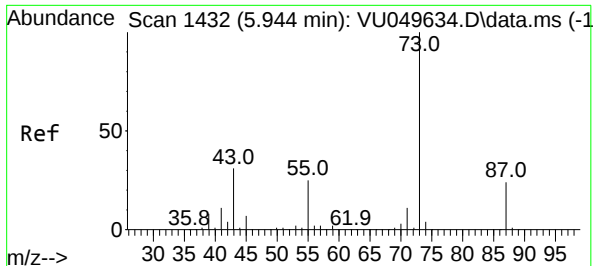
Tgt Ion: 45 Resp: 250001
Ion Ratio Lower Upper
45 100
43 48.1 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 5.907 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 59 Resp: 237640
Ion Ratio Lower Upper
59 100
87 41.3 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 5.743 ug/l

RT: 5.944 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

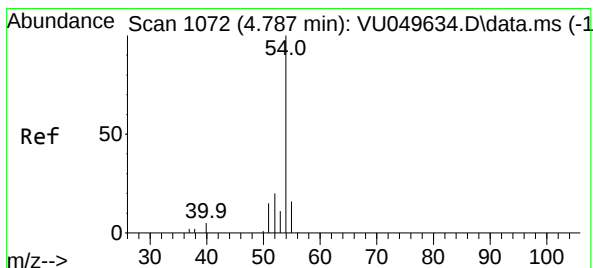
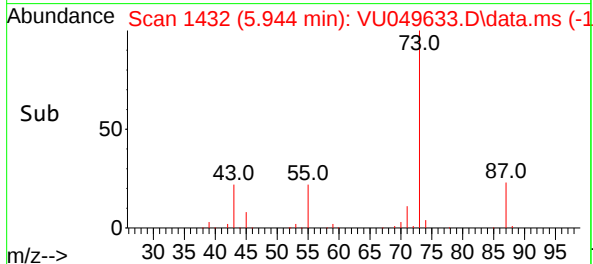
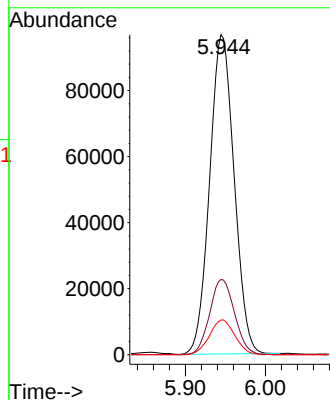
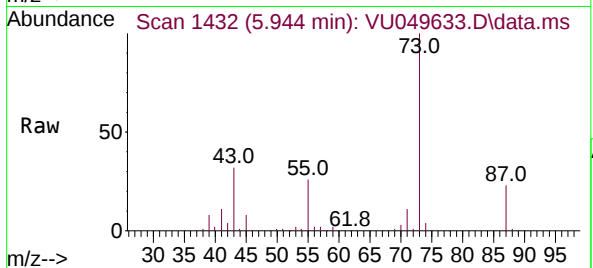
Tgt Ion: 73 Resp: 205571

Ion Ratio Lower Upper

73 100

87 23.9 19.7 29.5

71 11.1 9.0 13.4



#34

Propionitrile

Concen: 24.962 ug/l

RT: 4.784 min Scan# 1071

Delta R.T. -0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Tgt Ion: 54 Resp: 34362

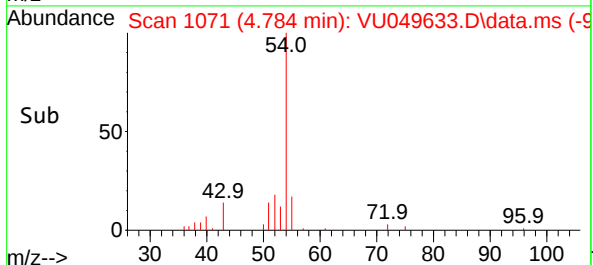
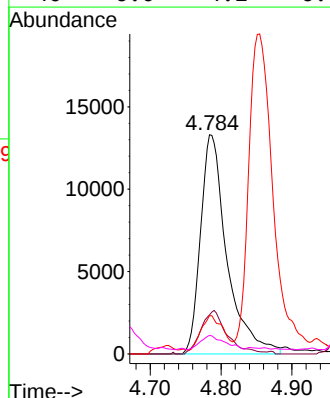
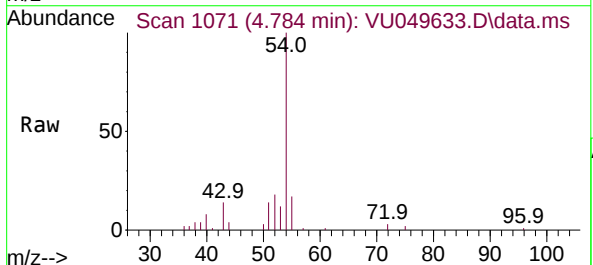
Ion Ratio Lower Upper

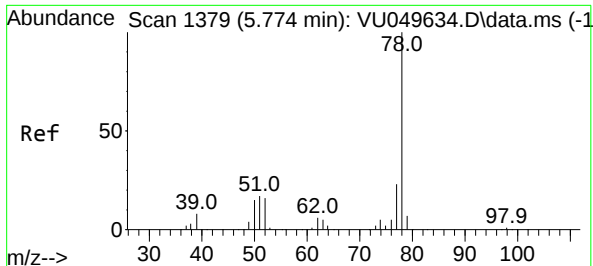
54 100

52 19.5 15.0 22.6

55 13.1 12.6 19.0

40 6.0 4.2 6.4

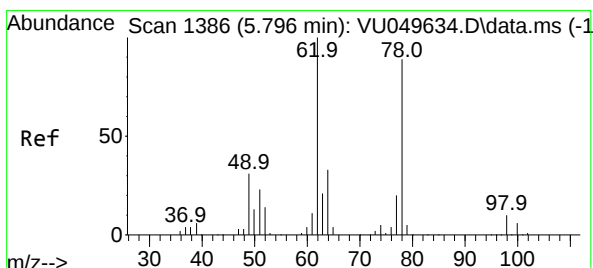
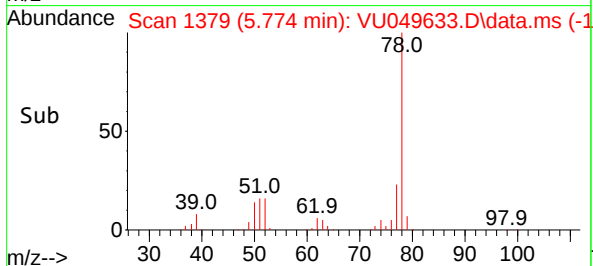
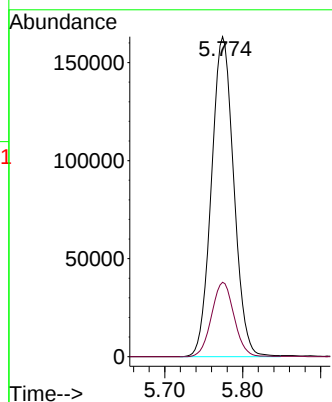
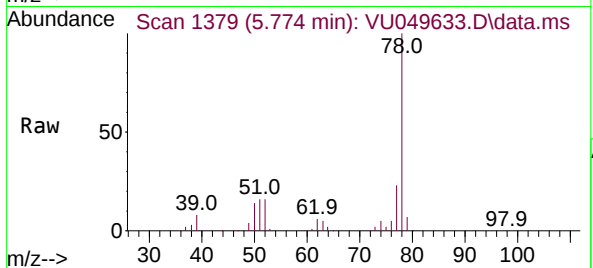




#35
Benzene
Concen: 4.957 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

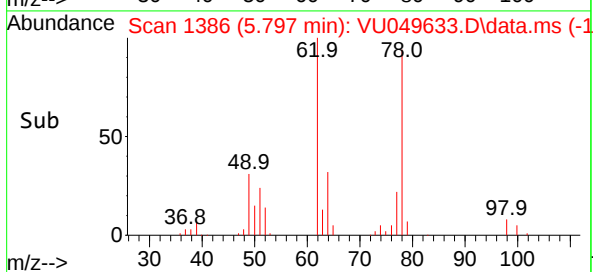
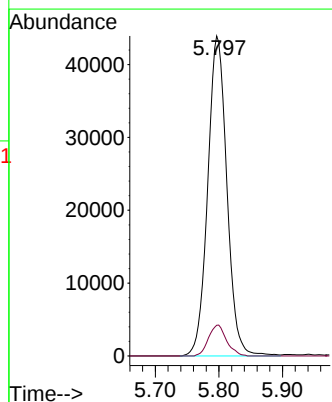
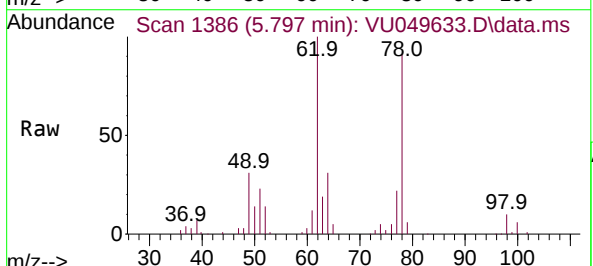
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

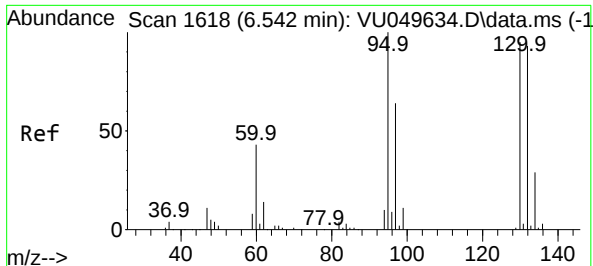
Tgt Ion: 78 Resp: 325822
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



#36
1,2-Dichloroethane
Concen: 4.804 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 62 Resp: 91979
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37

Trichloroethene

Concen: 4.356 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

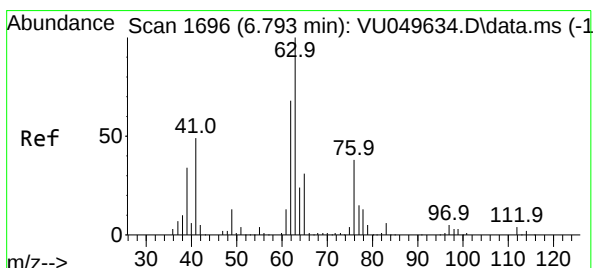
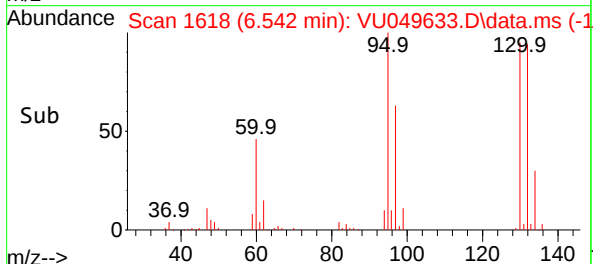
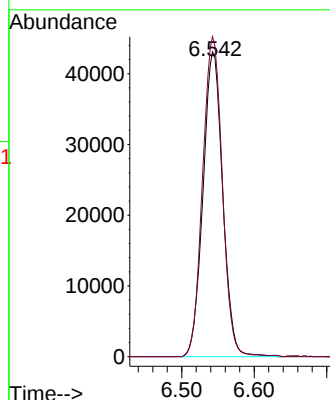
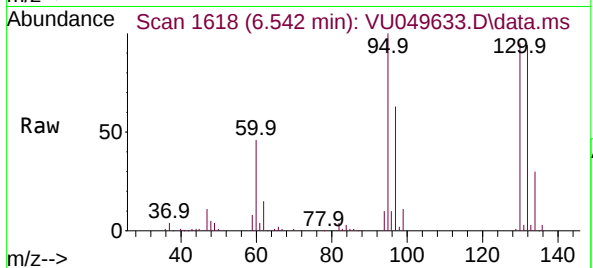
VSTDIC005

Tgt Ion:130 Resp: 81387

Ion Ratio Lower Upper

130 100

95 105.0 83.8 125.8



#38

1,2-Dichloropropane

Concen: 5.123 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049633.D

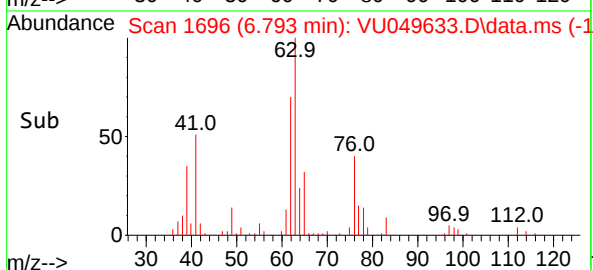
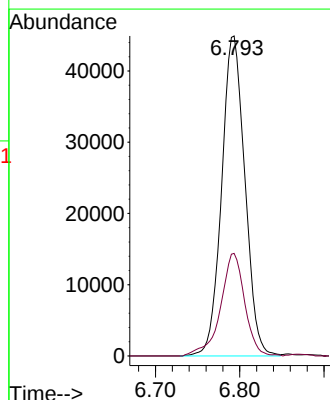
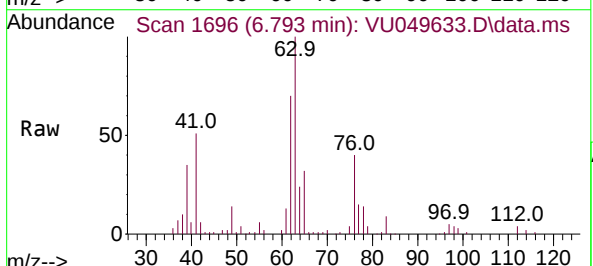
Acq: 06 Jul 2022 11:10

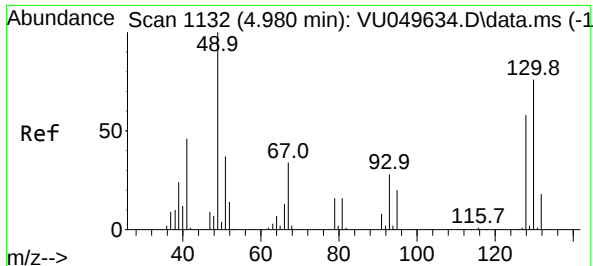
Tgt Ion: 63 Resp: 85923

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.4





#39

Methacrylonitrile

Concen: 5.776 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 29033

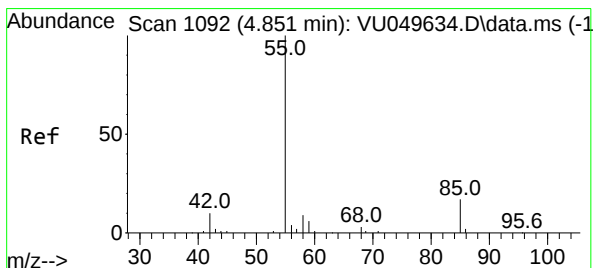
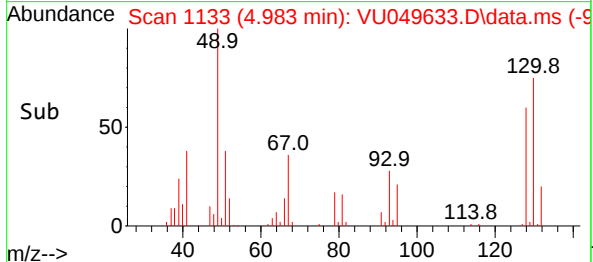
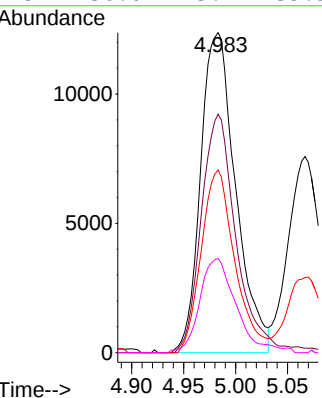
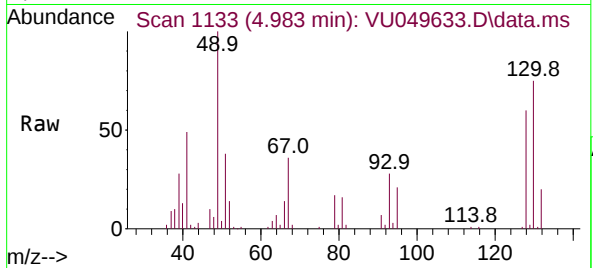
Ion Ratio Lower Upper

41 100

67 73.6 59.4 89.0

39 54.7 42.2 63.2

52 30.6 23.7 35.5



#40

Methyl acrylate

Concen: 5.336 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Tgt Ion: 55 Resp: 43488

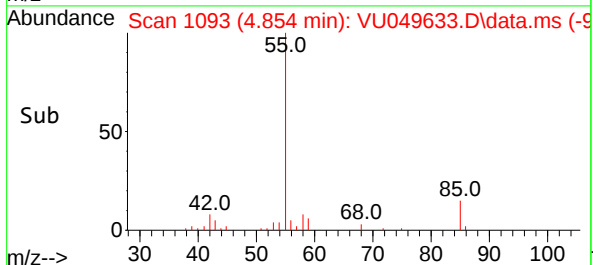
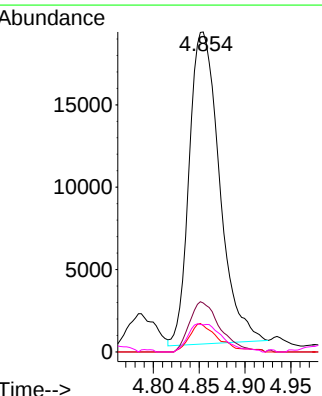
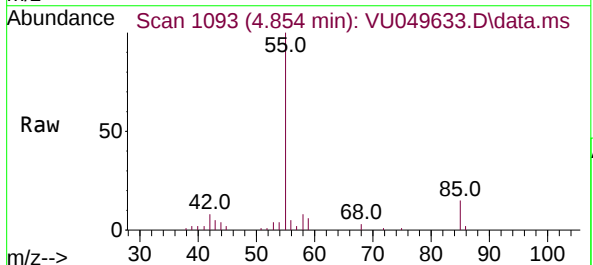
Ion Ratio Lower Upper

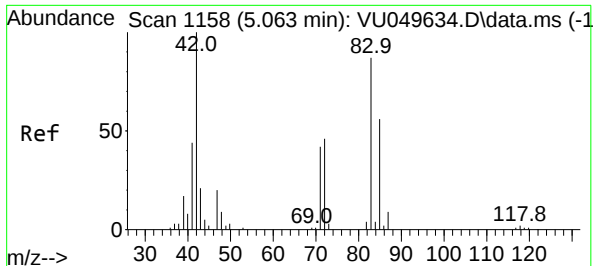
55 100

85 16.3 13.5 20.3

58 8.9 7.0 10.4

42 10.3 7.0 10.6





#41

Tetrahydrofuran

Concen: 11.319 ug/l

RT: 5.067 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

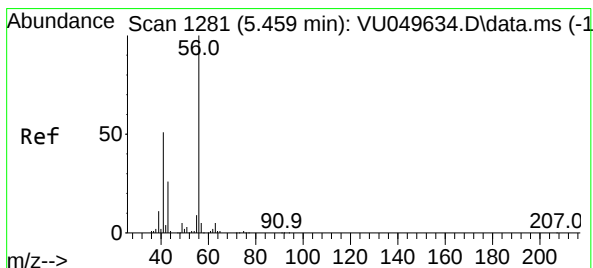
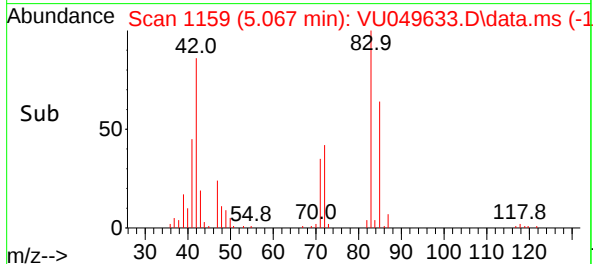
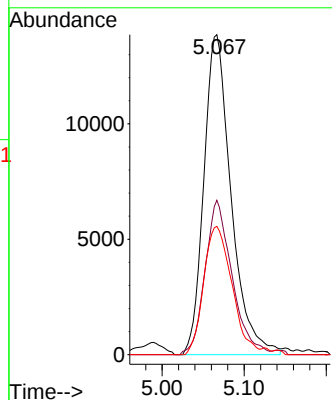
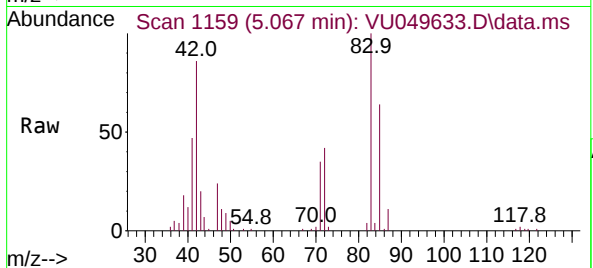
Tgt Ion: 42 Resp: 32084

Ion Ratio Lower Upper

42 100

72 47.6 38.9 58.3

71 41.3 33.7 50.5



#42

1-Chlorobutane

Concen: 5.522 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VU049633.D

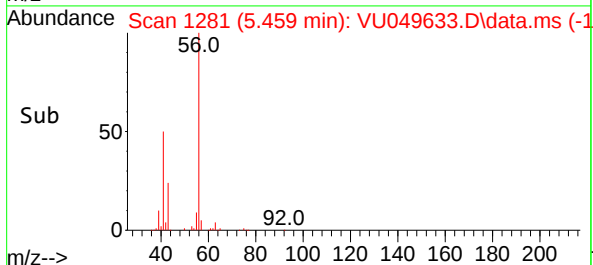
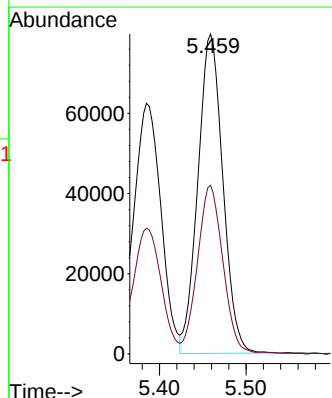
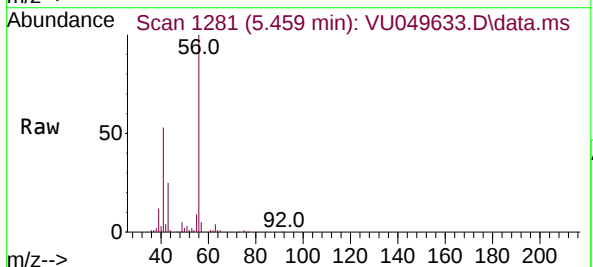
Acq: 06 Jul 2022 11:10

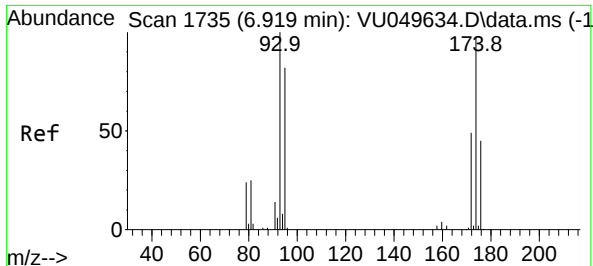
Tgt Ion: 56 Resp: 159373

Ion Ratio Lower Upper

56 100

41 52.7 26.4 79.2

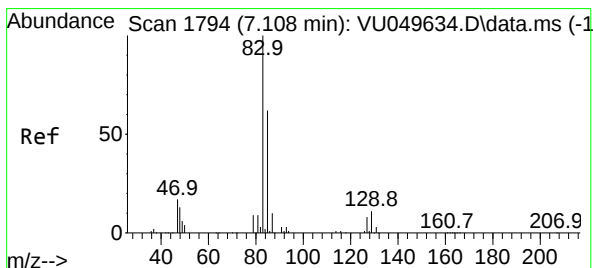
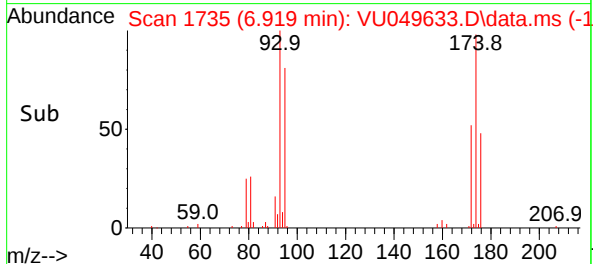
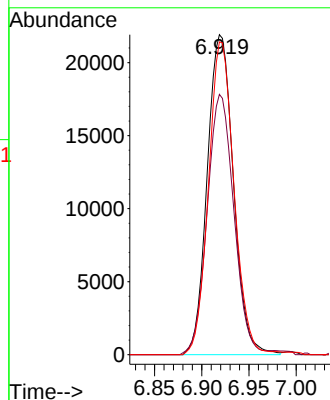
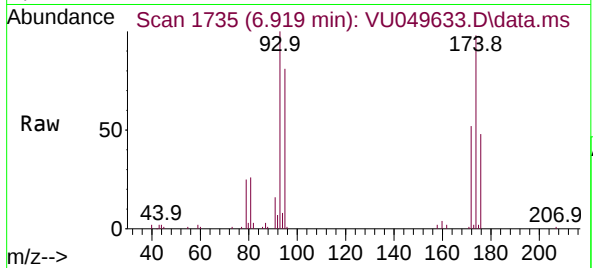




#43
Dibromomethane
Concen: 4.493 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

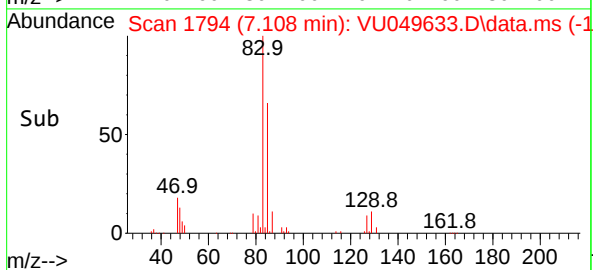
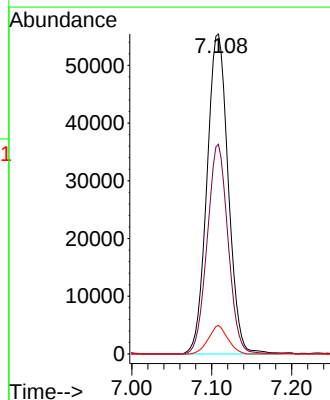
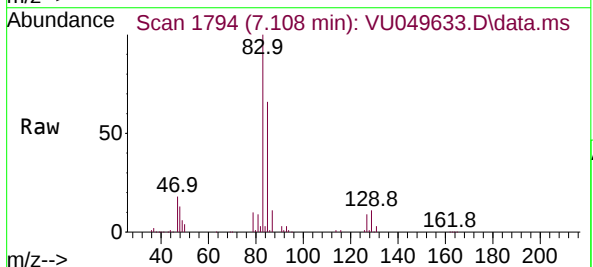
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

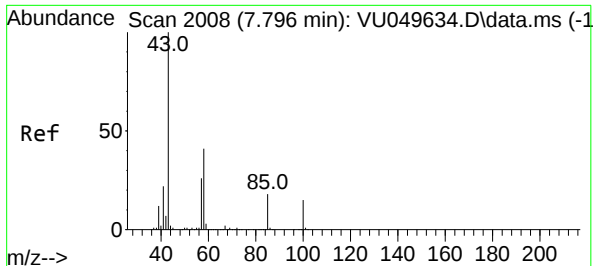
Tgt Ion:	93	Resp:	42279
Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.0	97.6
174	95.7	76.3	114.5



#44
Bromodichloromethane
Concen: 4.673 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:	83	Resp:	102656
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.4	74.0
127	8.9	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 28.705 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

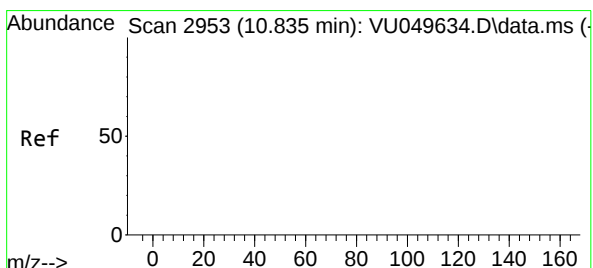
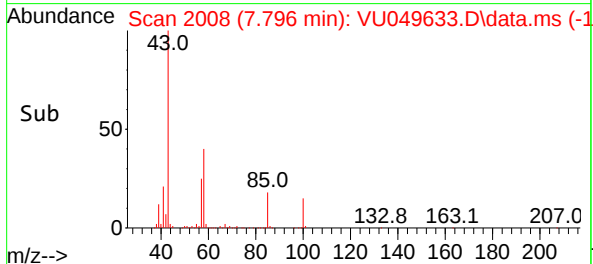
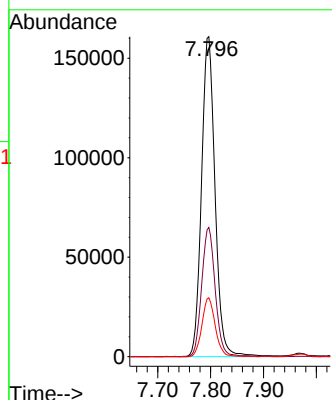
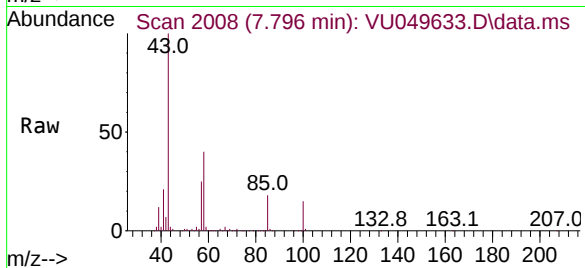
Tgt Ion: 43 Resp: 286344

Ion Ratio Lower Upper

43 100

58 40.4 20.3 61.0

85 18.0 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 20.894 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Tgt Ion: 75 Resp: 94928

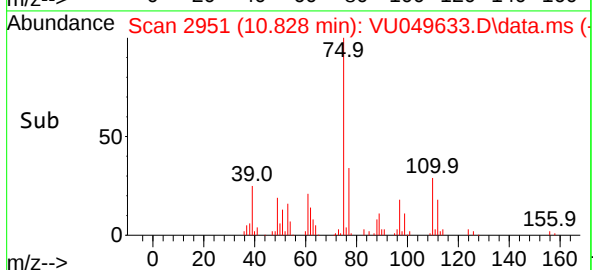
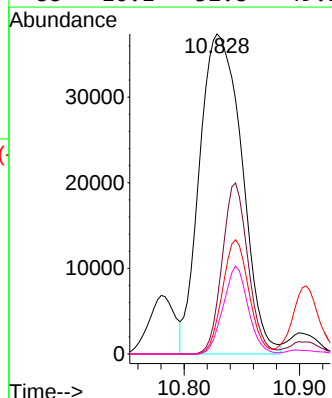
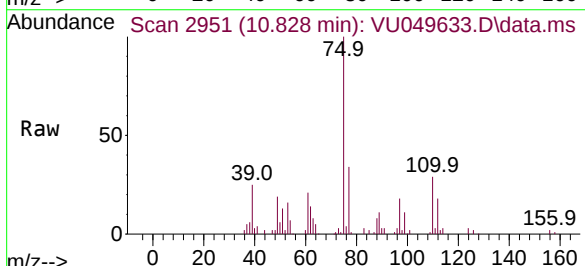
Ion Ratio Lower Upper

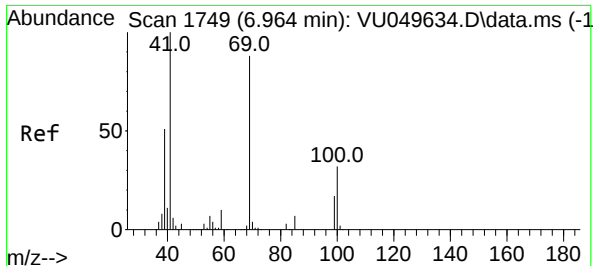
75 100

53 32.9 64.4 96.6#

89 22.4 44.2 66.2#

88 16.1 32.8 49.2#





#47

Methyl methacrylate

Concen: 11.117 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 86304

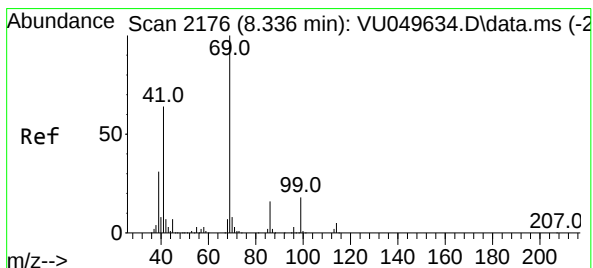
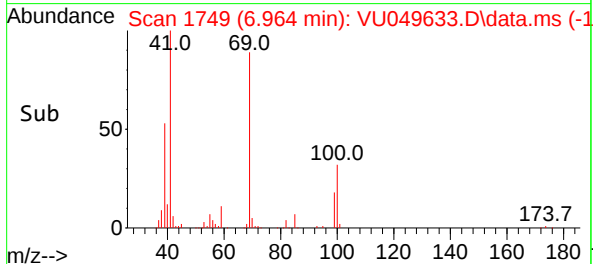
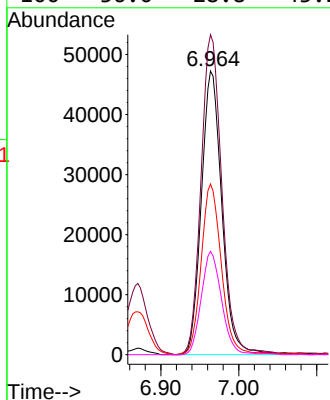
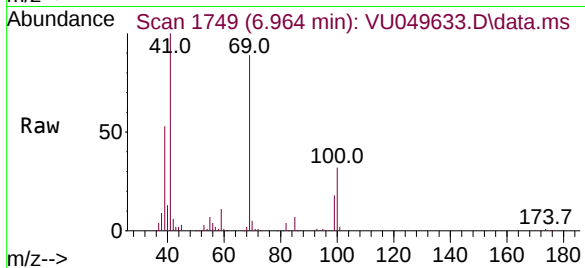
Ion Ratio Lower Upper

69 100

41 115.1 0.0 225.4

39 58.9 45.8 68.8

100 36.0 28.8 43.2



#48

Ethyl methacrylate

Concen: 5.968 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU049633.D

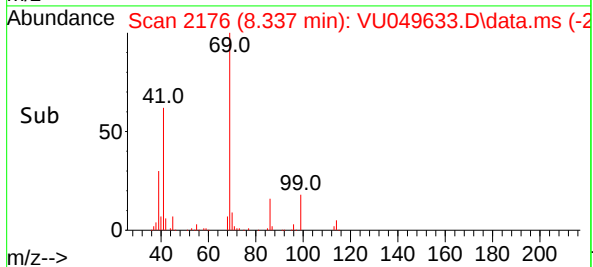
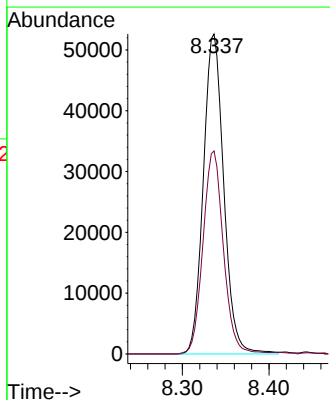
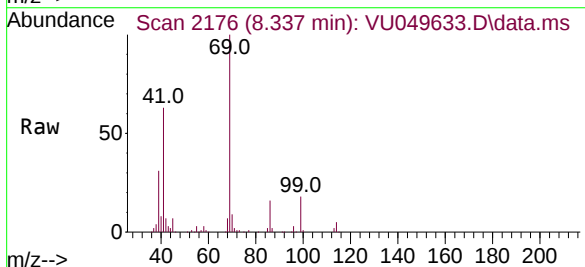
Acq: 06 Jul 2022 11:10

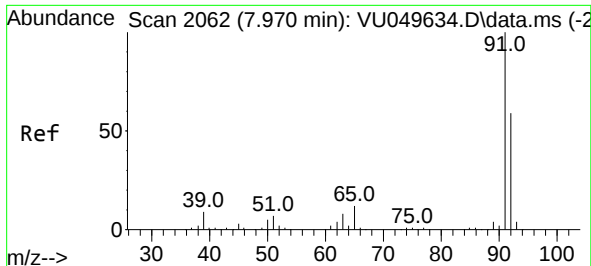
Tgt Ion: 69 Resp: 86325

Ion Ratio Lower Upper

69 100

41 63.4 32.3 96.9





#49

Toluene

Concen: 5.026 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

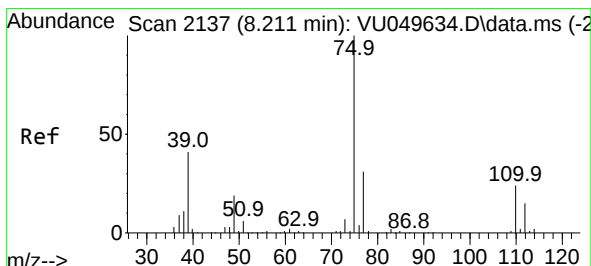
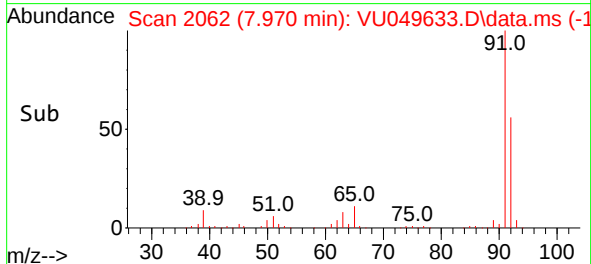
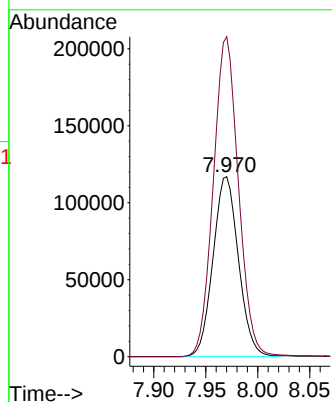
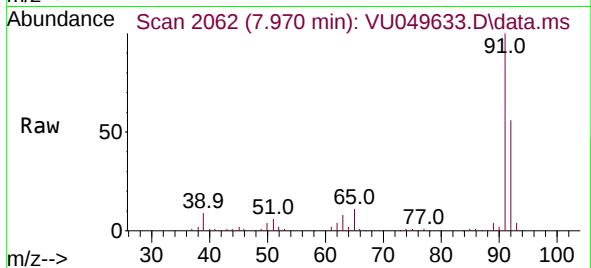
VSTDIC005

Tgt Ion: 92 Resp: 199136

Ion Ratio Lower Upper

92 100

91 175.8 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 5.091 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049633.D

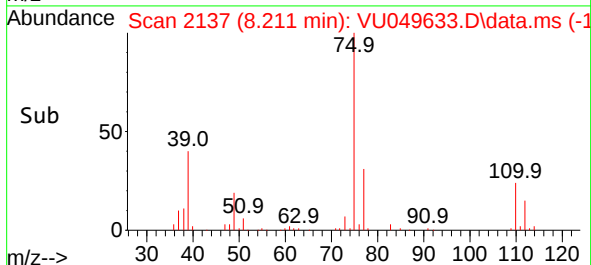
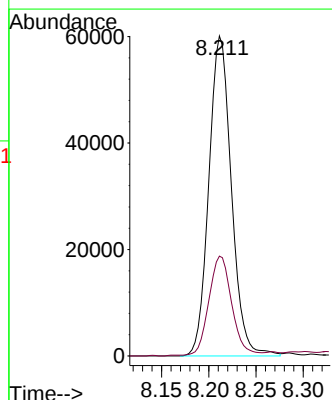
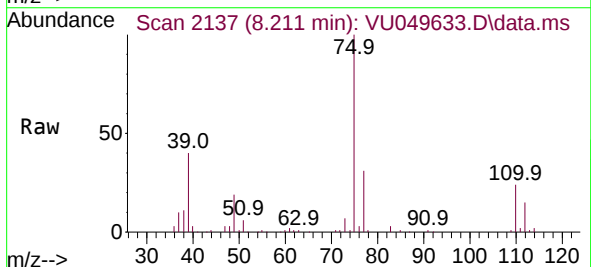
Acq: 06 Jul 2022 11:10

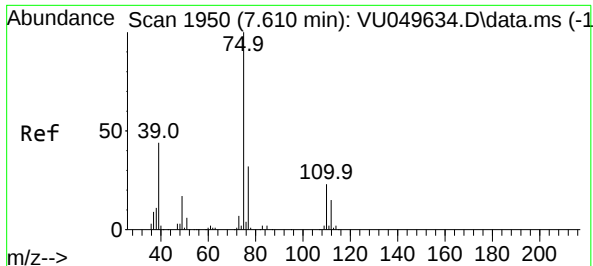
Tgt Ion: 75 Resp: 99756

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 5.176 ug/l

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

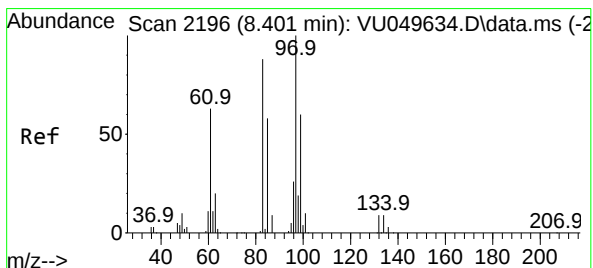
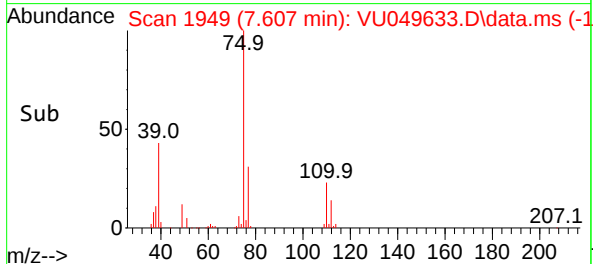
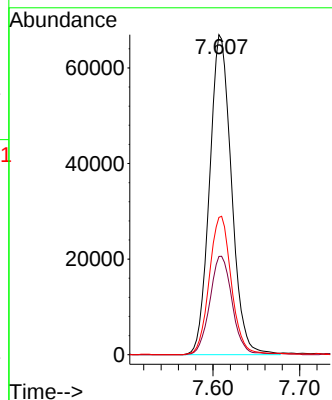
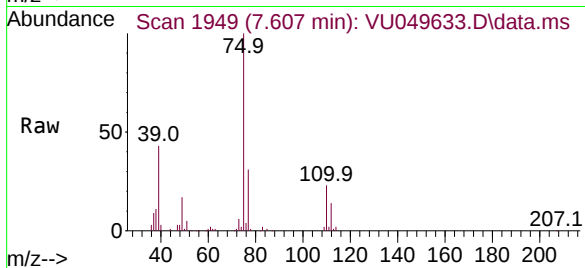
Tgt Ion: 75 Resp: 117606

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 42.9 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 4.488 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Tgt Ion: 97 Resp: 59432

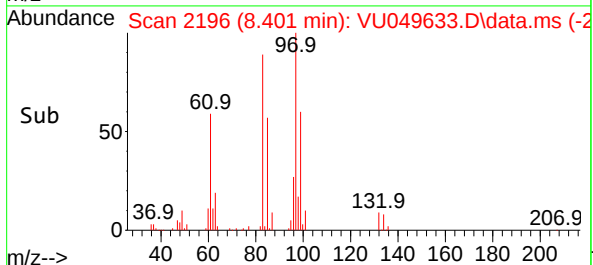
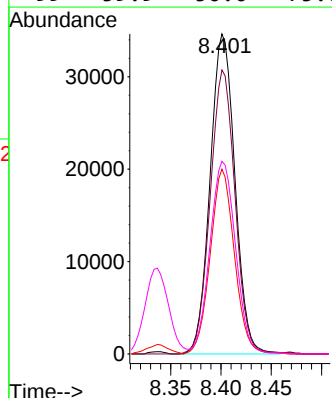
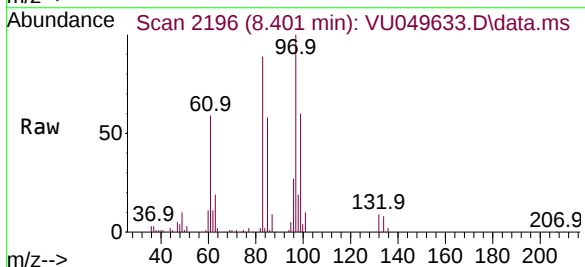
Ion Ratio Lower Upper

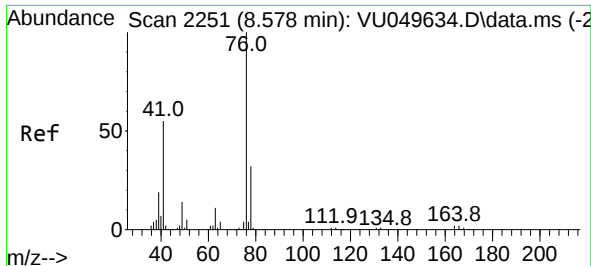
97 100

83 88.8 70.6 106.0

85 57.5 46.2 69.4

99 59.9 50.0 75.0





#53

1,3-Dichloropropane

Concen: 4.721 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

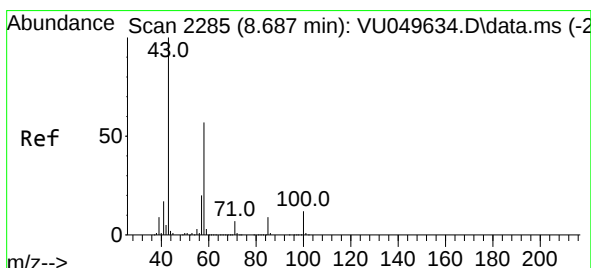
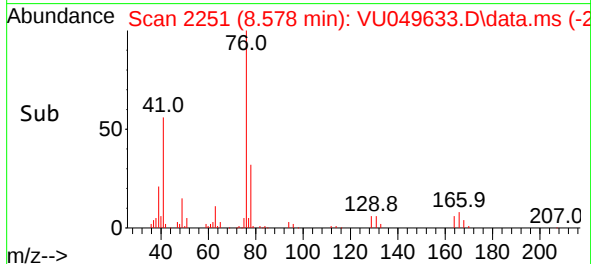
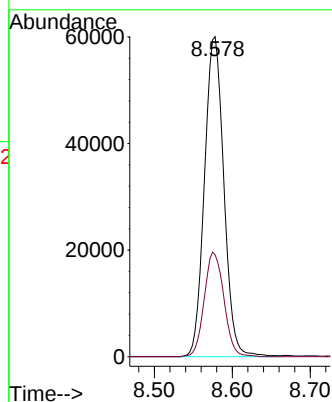
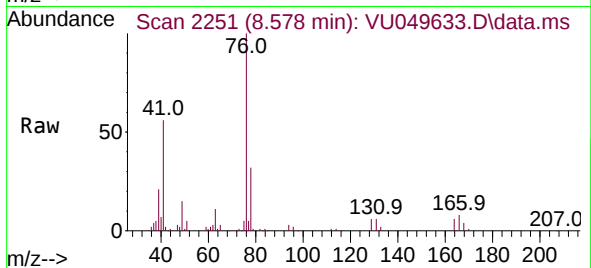
VSTDIC005

Tgt Ion: 76 Resp: 103838

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#54

2-Hexanone

Concen: 27.671 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

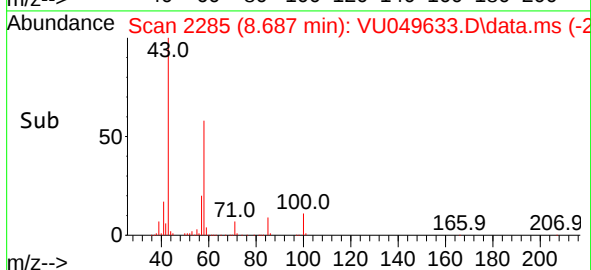
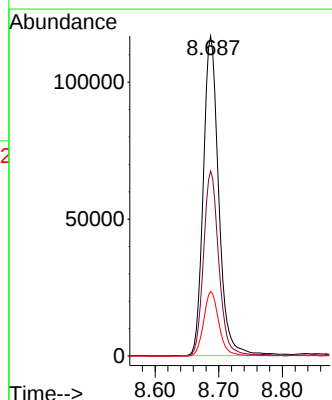
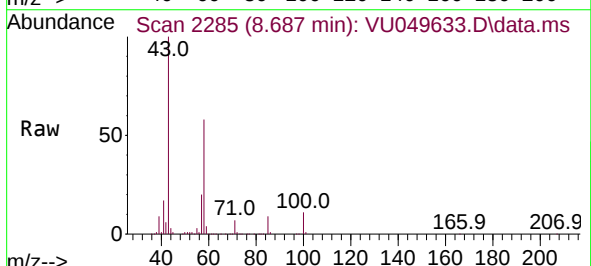
Tgt Ion: 43 Resp: 196937

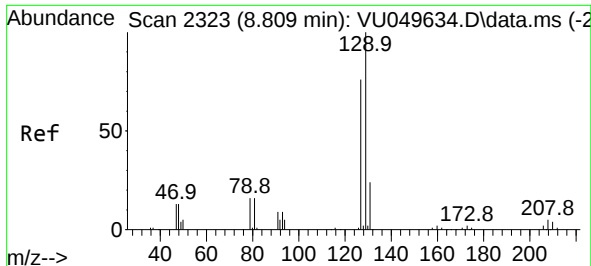
Ion Ratio Lower Upper

43 100

58 57.2 37.1 77.1

57 19.8 0.0 39.5

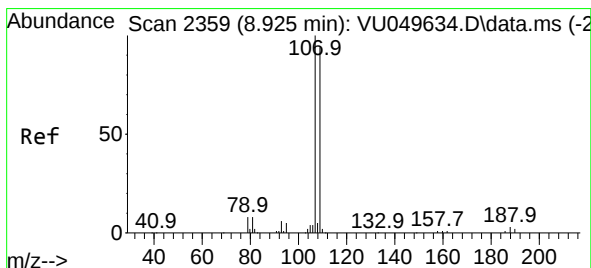
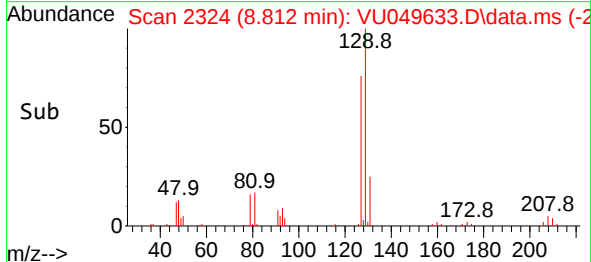
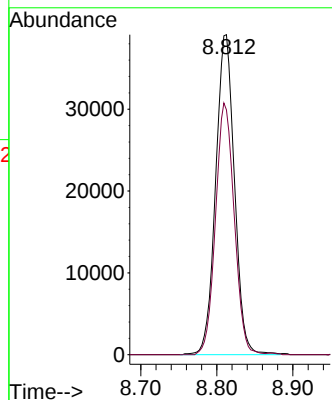
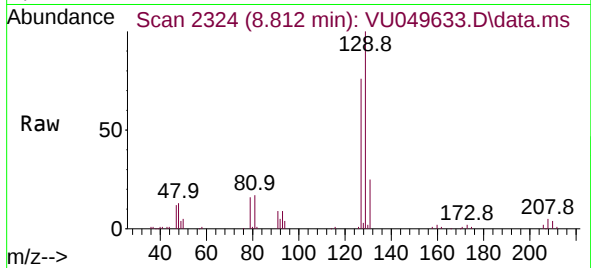




#55
 Dibromochloromethane
 Concen: 4.260 ug/l
 RT: 8.812 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

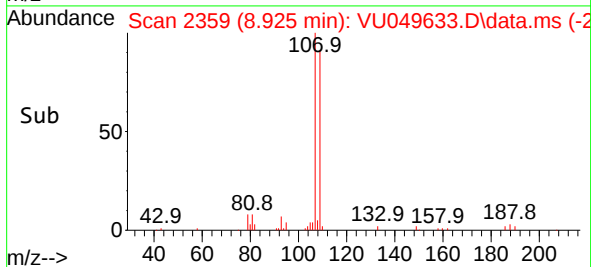
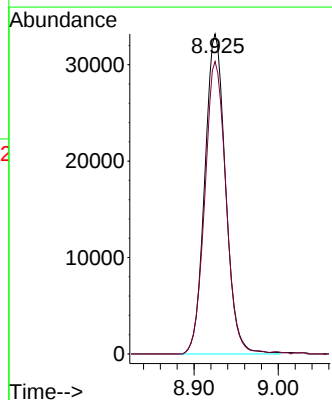
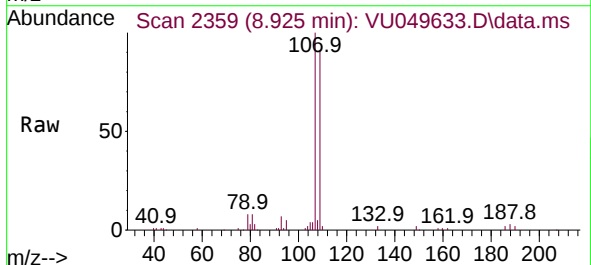
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

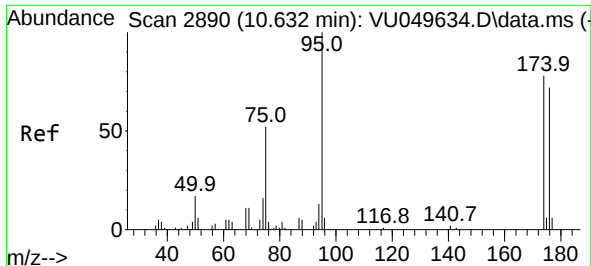
Tgt Ion:129 Resp: 67141
 Ion Ratio Lower Upper
 129 100
 127 78.3 61.2 91.8



#56
 1,2-Dibromoethane
 Concen: 4.507 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

Tgt Ion:107 Resp: 56957
 Ion Ratio Lower Upper
 107 100
 109 93.3 0.0 187.2

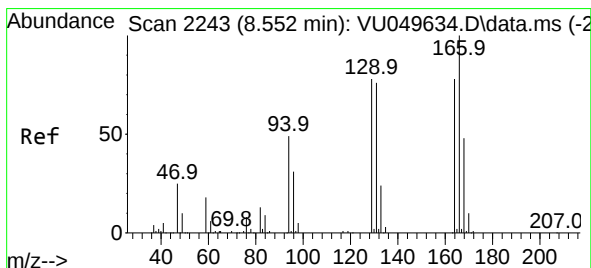
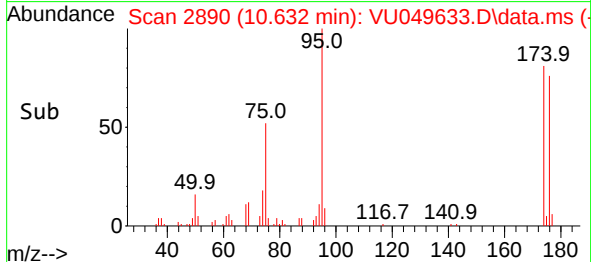
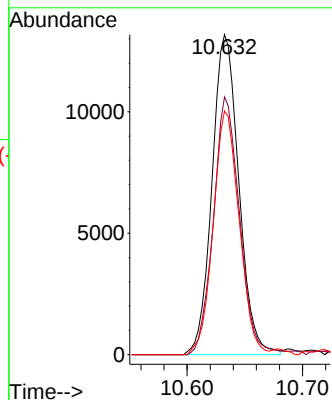
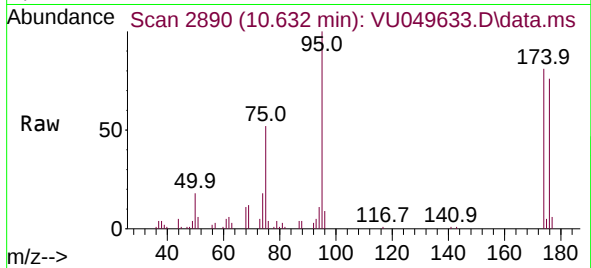




#57
4-Bromofluorobenzene
Concen: 0.994 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

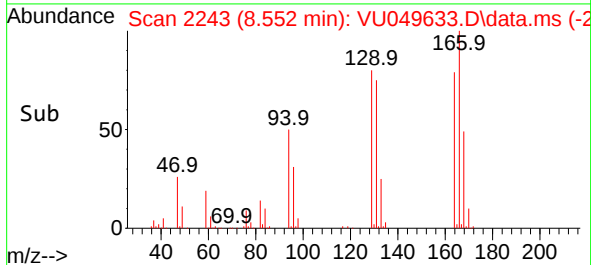
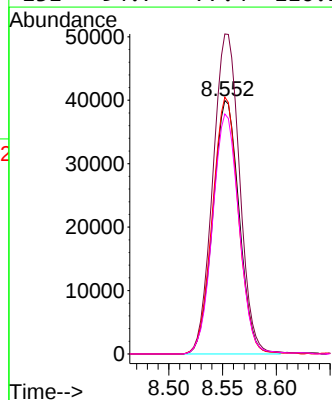
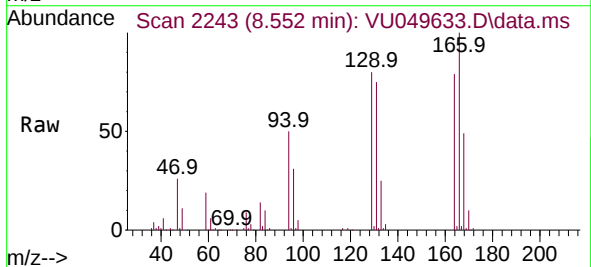
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

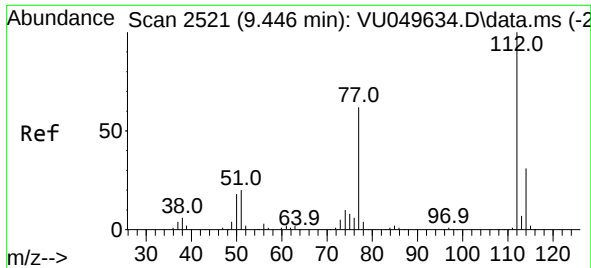
Tgt Ion: 95 Resp: 21217
Ion Ratio Lower Upper
95 100
174 78.5 62.4 93.6
176 73.9 56.2 84.2



#58
Tetrachloroethene
Concen: 4.099 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 164 Resp: 67780
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 101.3 79.5 119.3
131 94.7 77.4 116.2





#59

Chlorobenzene

Concen: 4.435 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

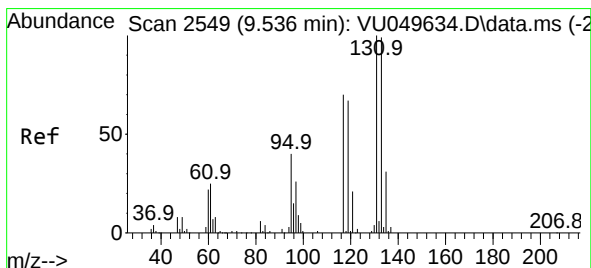
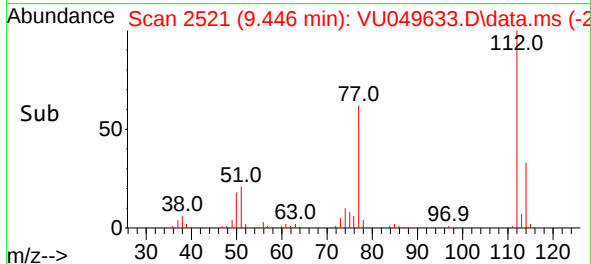
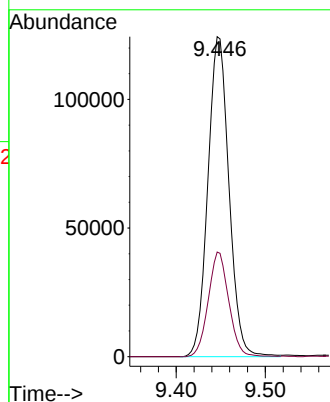
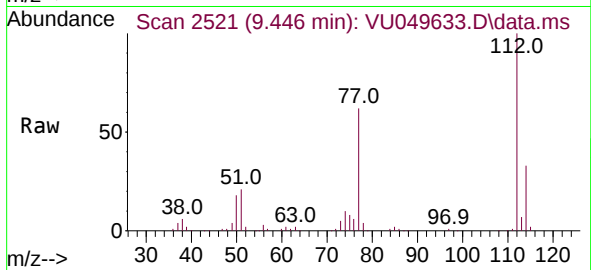
VSTDIC005

Tgt Ion:112 Resp: 204129

Ion Ratio Lower Upper

112 100

114 32.7 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 4.510 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

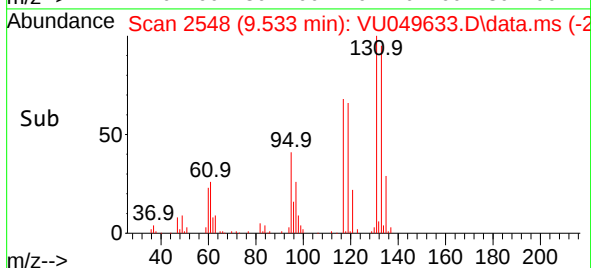
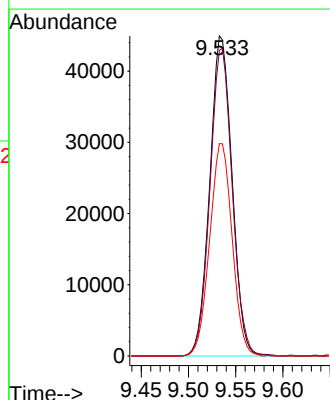
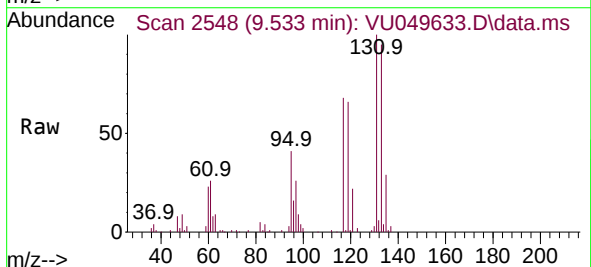
Tgt Ion:131 Resp: 73706

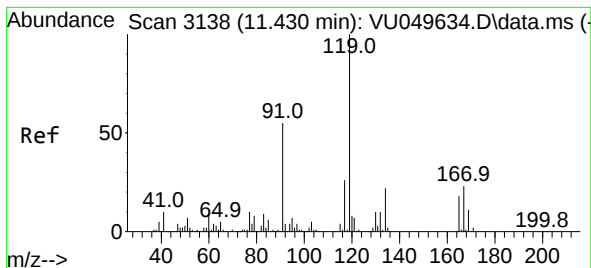
Ion Ratio Lower Upper

131 100

133 96.1 78.3 117.5

119 66.9 53.2 79.8





#61

Pentachloroethane

Concen: 4.164 ug/l

RT: 11.430 min Scan# 3138

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

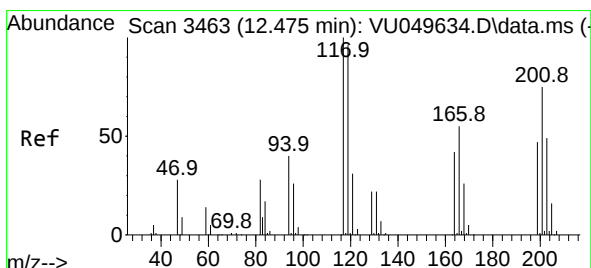
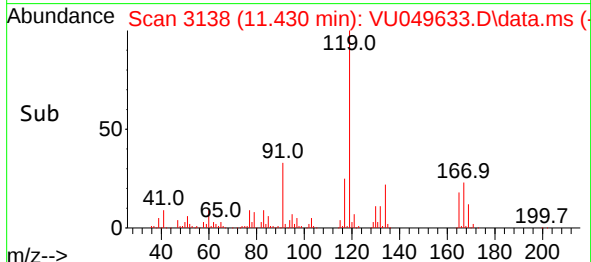
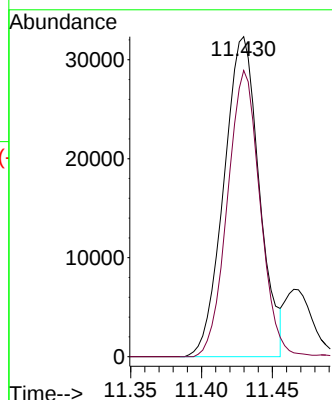
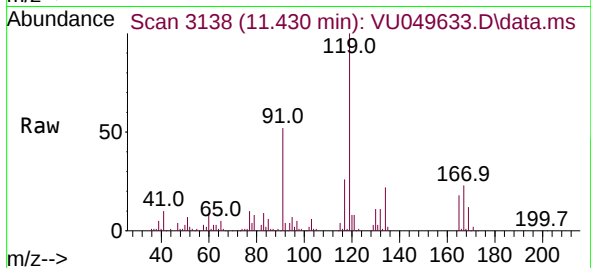
VSTDICC005

Tgt Ion:117 Resp: 56298

Ion Ratio Lower Upper

117 100

167 82.2 66.2 99.4



#62

Hexachloroethane

Concen: 4.533 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU049633.D

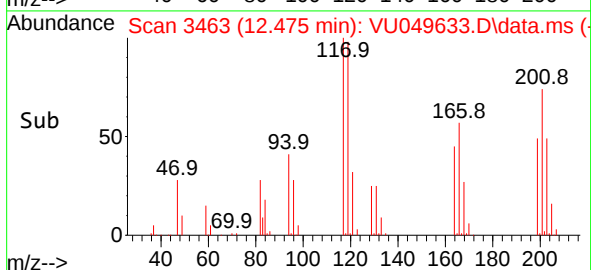
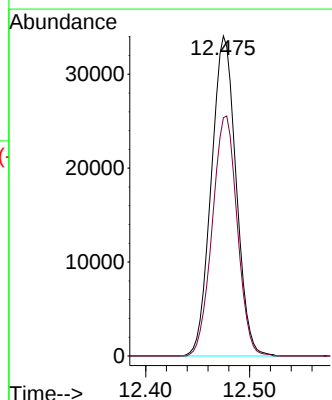
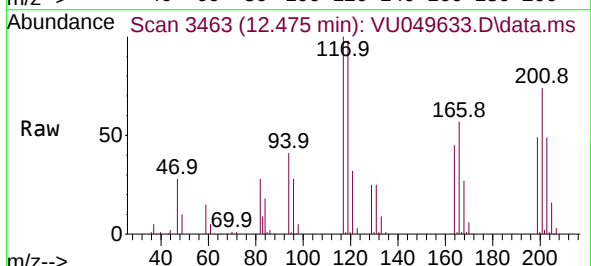
Acq: 06 Jul 2022 11:10

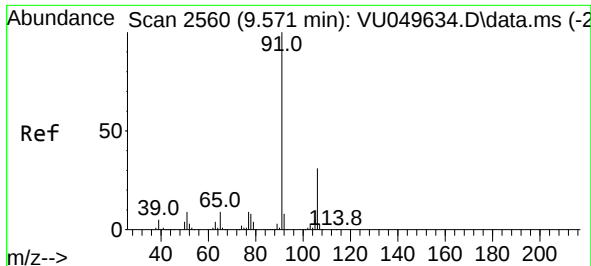
Tgt Ion:117 Resp: 56526

Ion Ratio Lower Upper

117 100

201 75.3 61.0 91.4

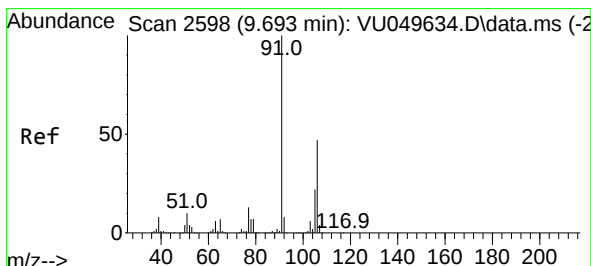
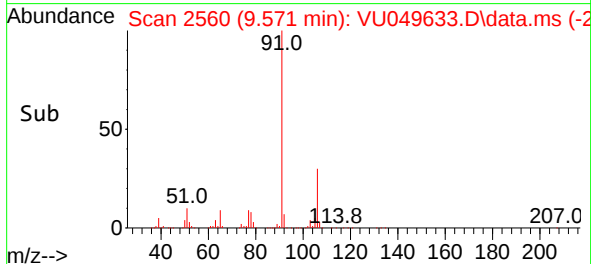
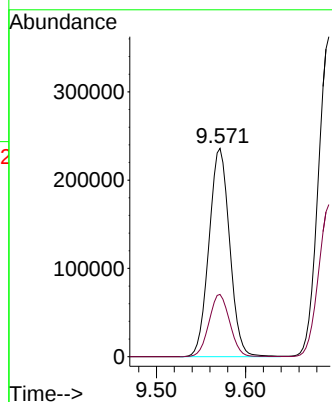
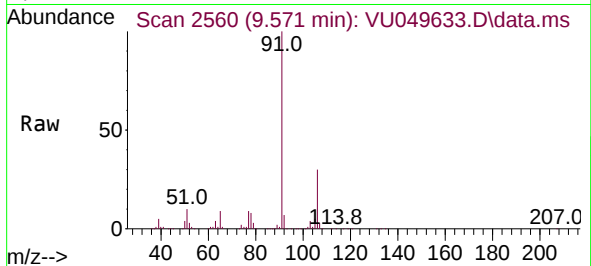




#63
Ethyl Benzene
Concen: 5.258 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

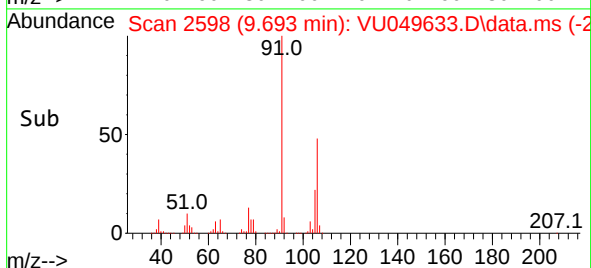
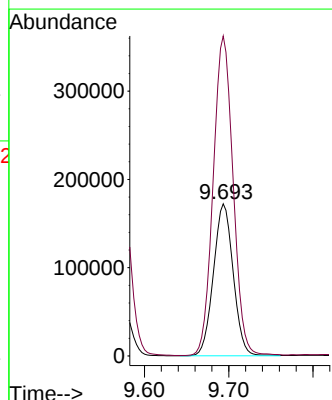
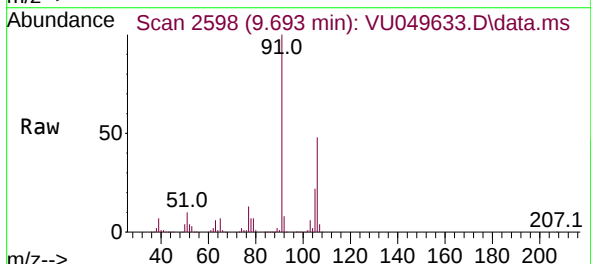
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

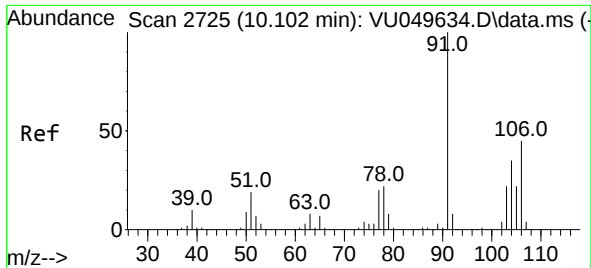
Tgt Ion: 91 Resp: 379701
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#64
m/p-Xylenes
Concen: 9.875 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 106 Resp: 279954
Ion Ratio Lower Upper
106 100
91 211.8 167.8 251.6

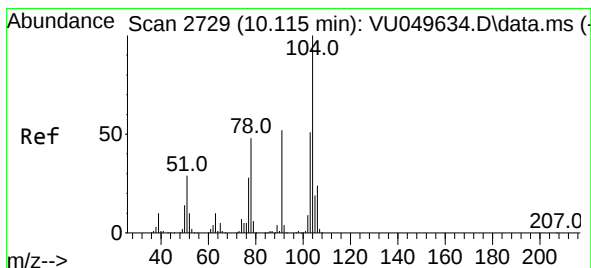
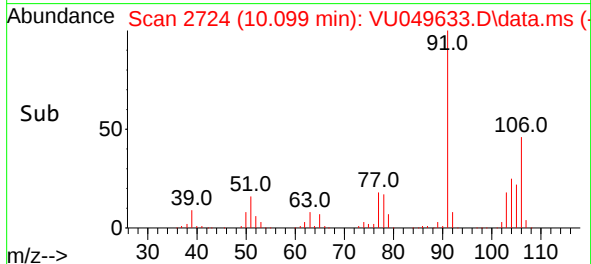
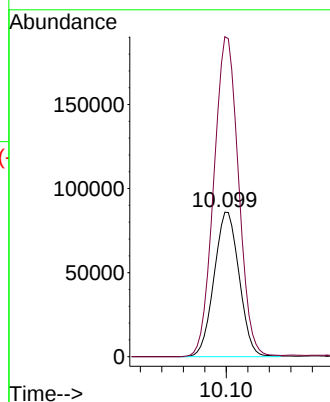
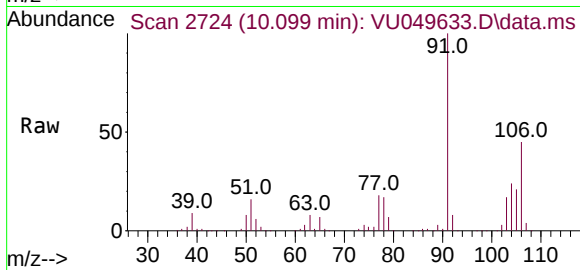




#65
o-Xylene
Concen: 5.123 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

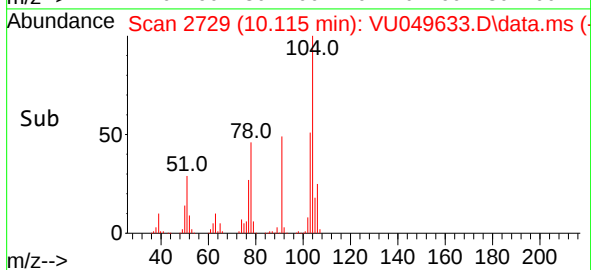
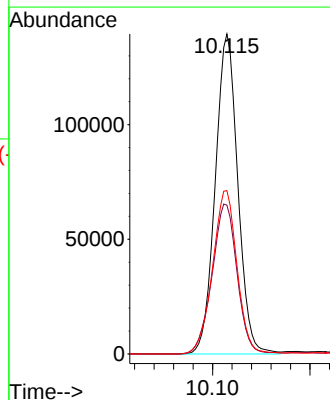
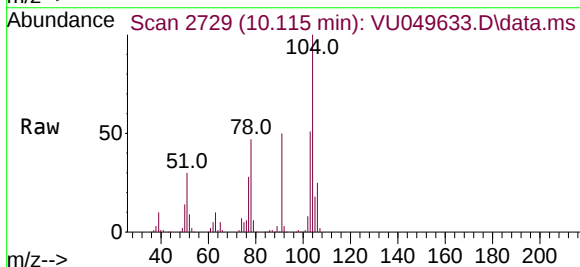
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

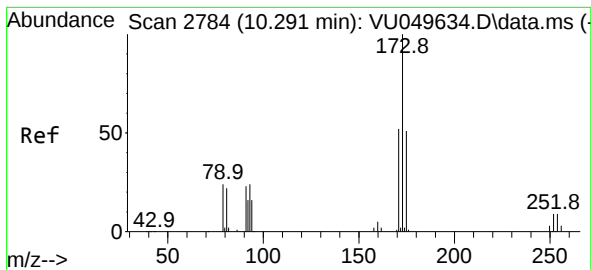
Tgt Ion:106 Resp: 139340
Ion Ratio Lower Upper
106 100
91 218.5 111.1 333.2



#66
Styrene
Concen: 4.928 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:104 Resp: 224373
Ion Ratio Lower Upper
104 100
78 52.0 42.1 63.1
103 55.4 44.5 66.7





#67

Bromoform

Concen: 3.914 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

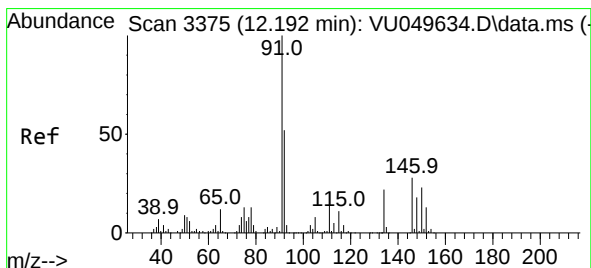
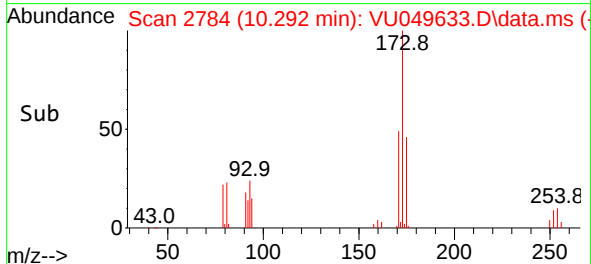
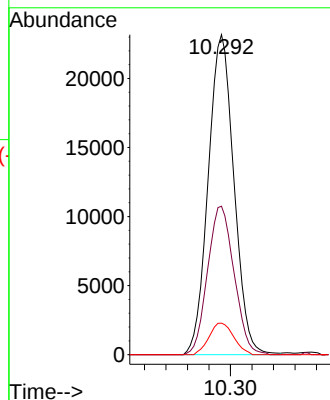
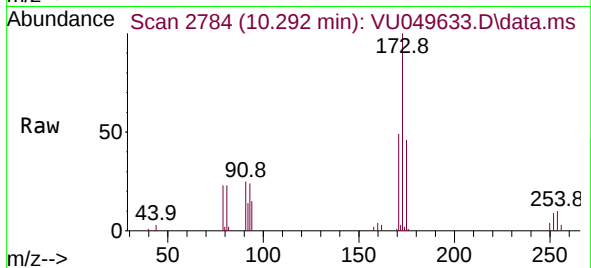
Tgt Ion:173 Resp: 38460

Ion Ratio Lower Upper

173 100

175 47.8 38.4 57.6

254 9.5 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.826 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VU049633.D

Acq: 06 Jul 2022 11:10

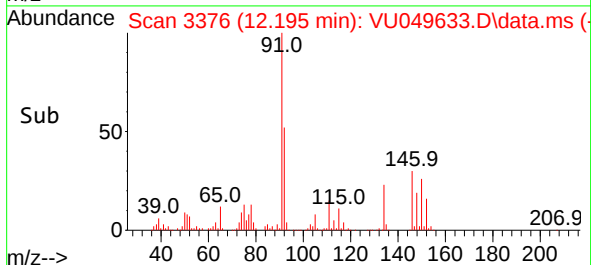
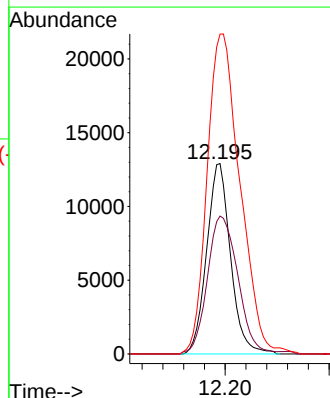
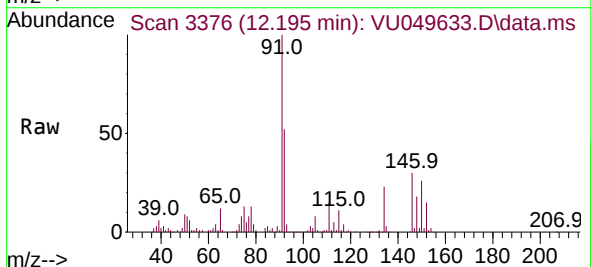
Tgt Ion:152 Resp: 20587

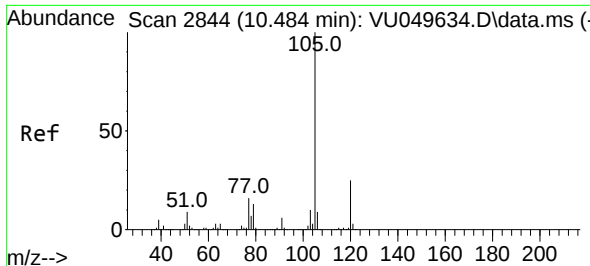
Ion Ratio Lower Upper

152 100

115 92.6 0.0 254.6

150 230.9 0.0 623.6

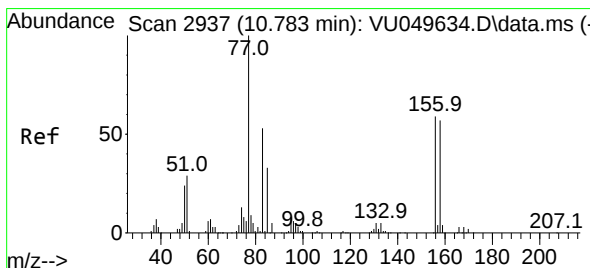
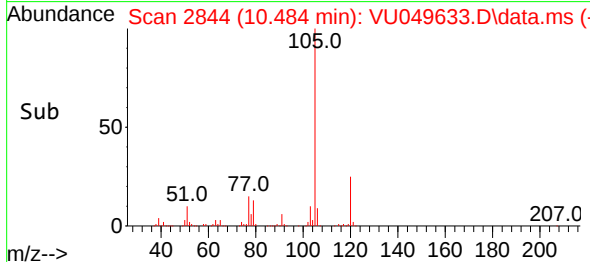
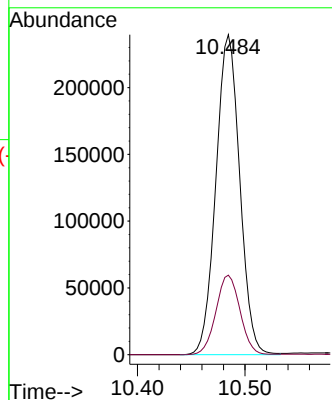
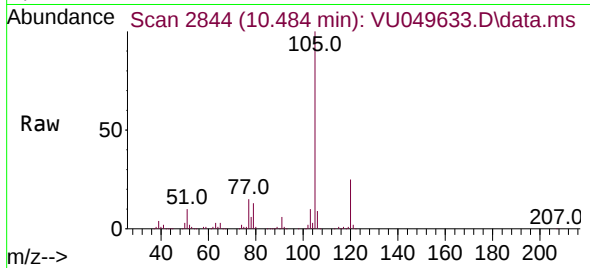




#69
Isopropylbenzene
Concen: 5.167 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

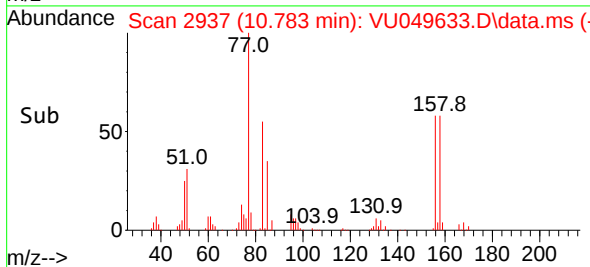
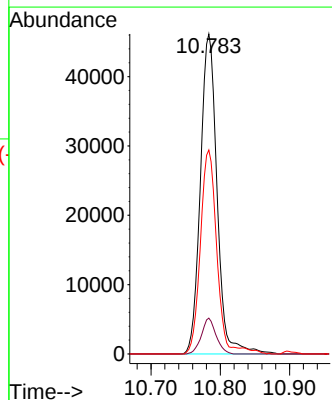
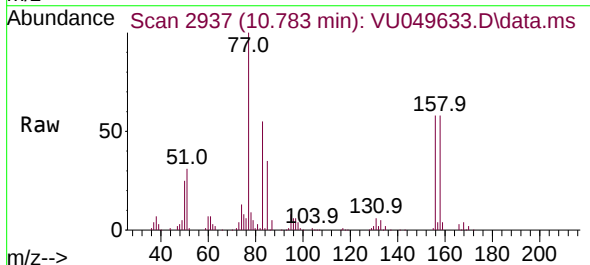
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

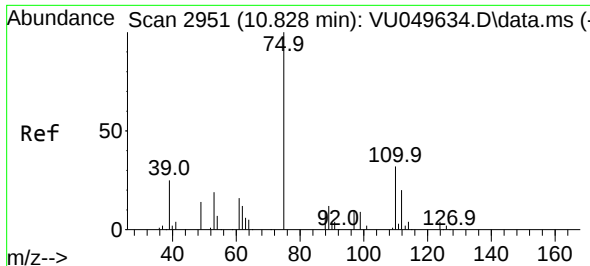
Tgt Ion:105 Resp: 368906
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 4.533 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 83 Resp: 77111
Ion Ratio Lower Upper
83 100
131 9.8 7.7 11.5
85 63.1 51.2 76.8

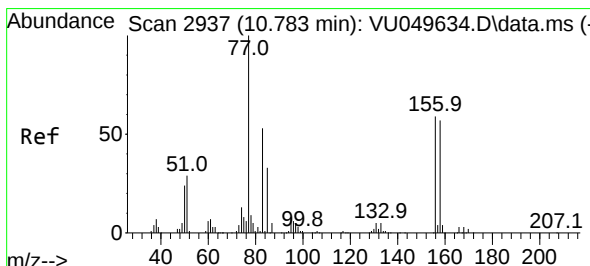
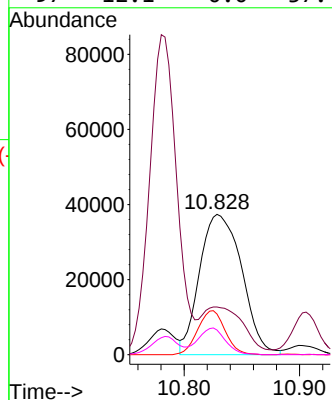
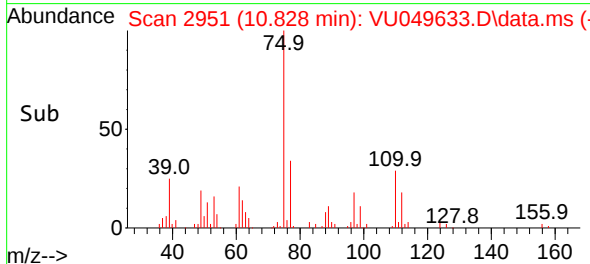
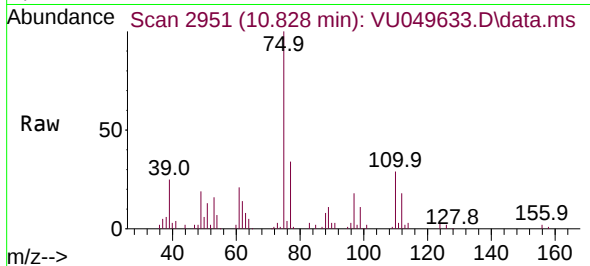




#71
1,2,3-Trichloropropane
Concen: 7.241 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

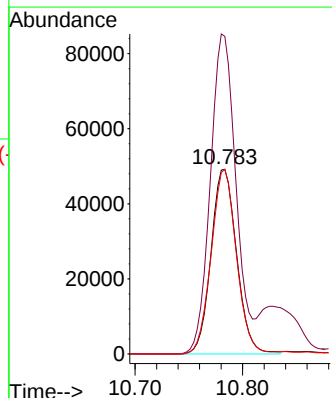
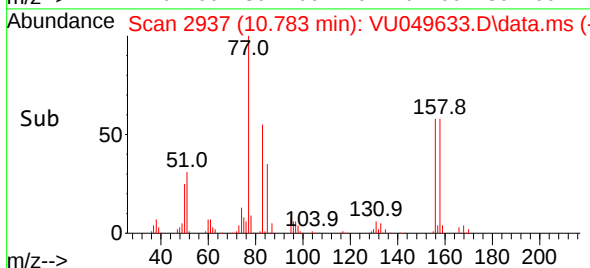
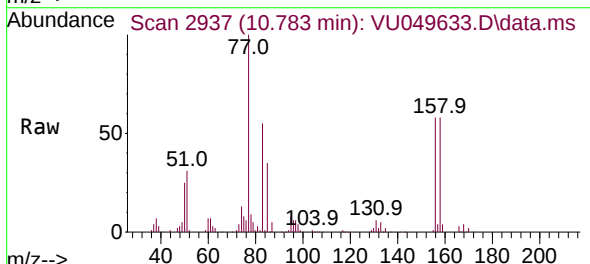
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

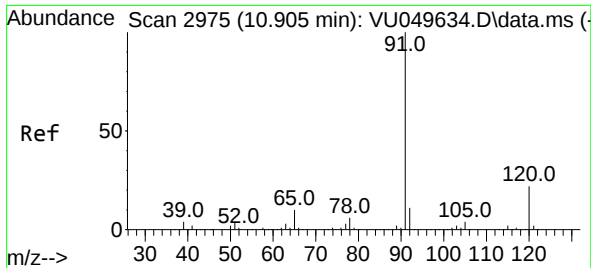
Tgt Ion:	75	Resp:	94928
Ion Ratio	Lower	Upper	
75	100		
77	32.5	0.0	112.4
110	20.4	0.0	70.6
97	12.1	0.0	37.4



#72
Bromobenzene
Concen: 3.921 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:	156	Resp:	81444
Ion Ratio	Lower	Upper	
156	100		
77	172.1	0.0	344.4
158	98.4	0.0	192.2

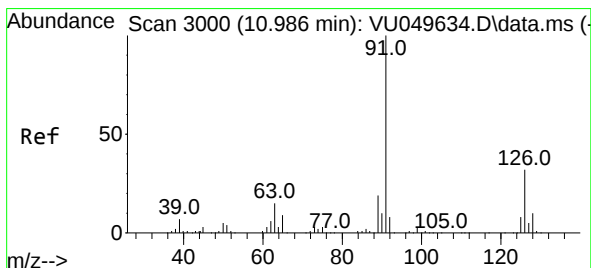
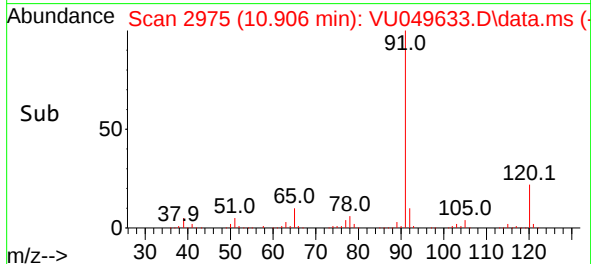
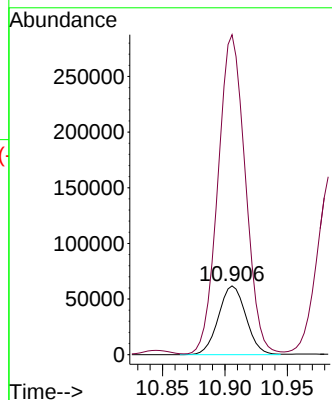
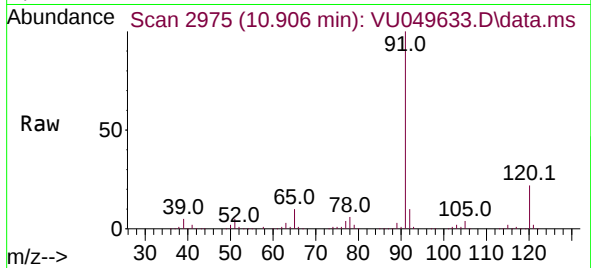




#73
n-propylbenzene
Concen: 4.745 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

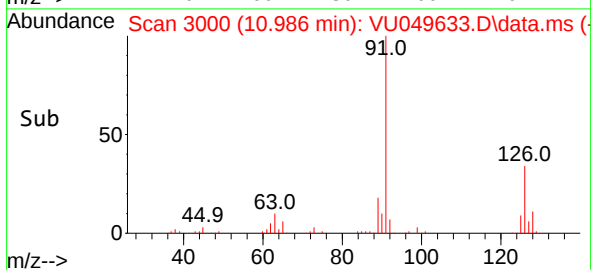
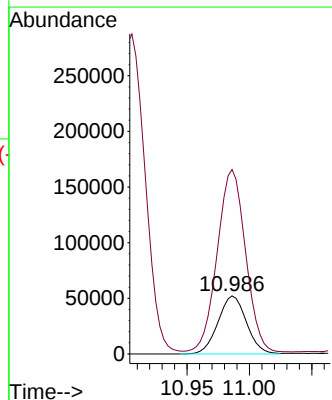
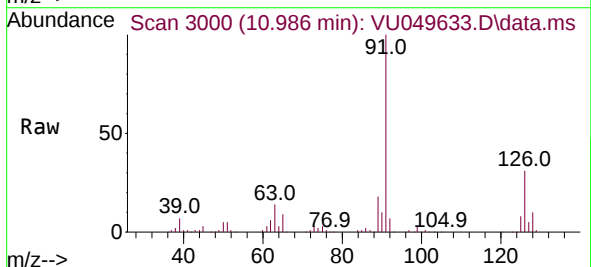
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

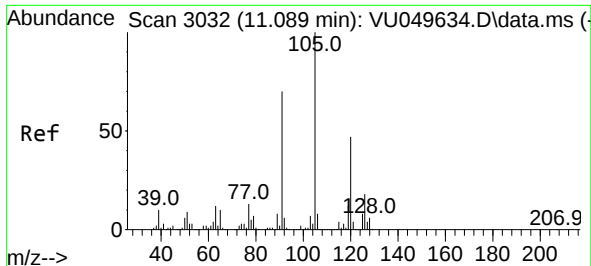
Tgt Ion:120 Resp: 94815
Ion Ratio Lower Upper
120 100
91 461.6 367.8 551.6



#74
2-Chlorotoluene
Concen: 4.398 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:126 Resp: 82833
Ion Ratio Lower Upper
126 100
91 313.2 0.0 620.6

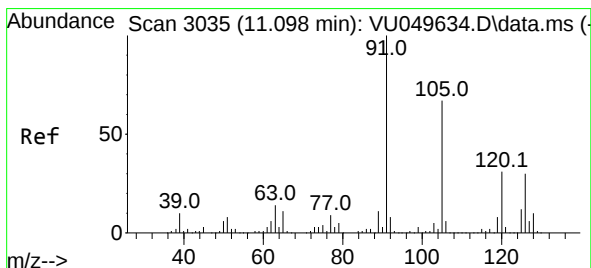
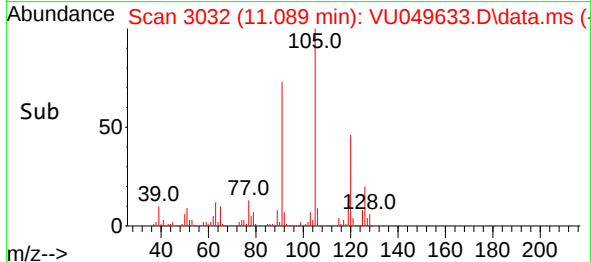
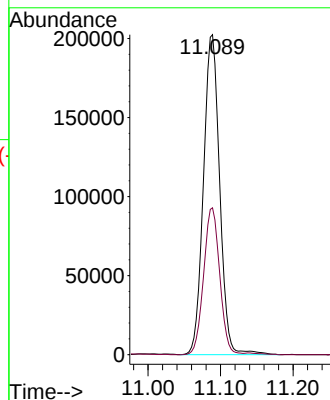
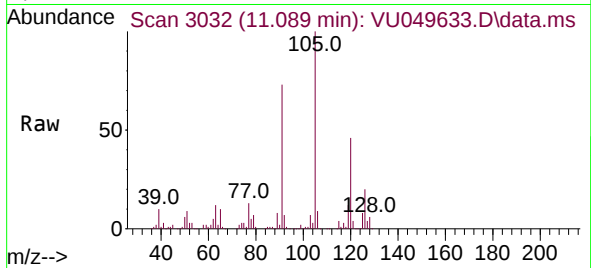




#75
1,3,5-Trimethylbenzene
Concen: 5.228 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

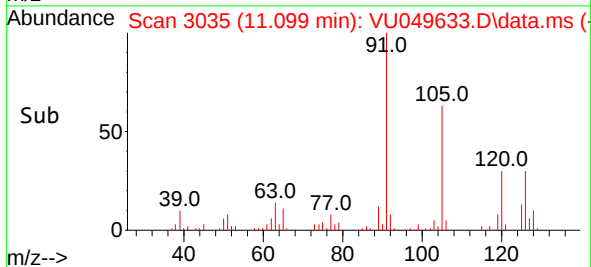
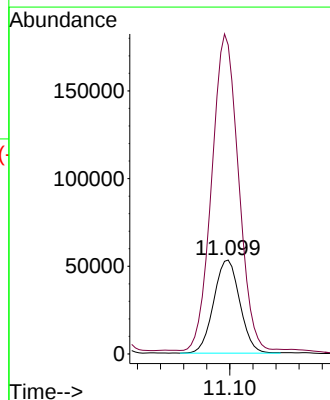
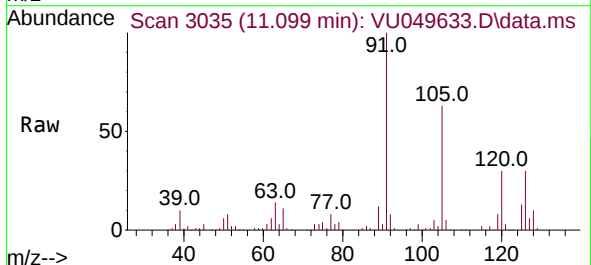
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

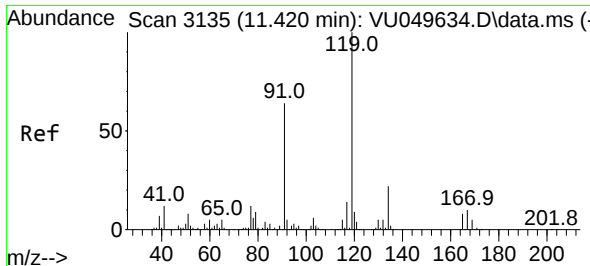
Tgt Ion:105 Resp: 315527
Ion Ratio Lower Upper
105 100
120 45.4 37.6 56.4



#76
4-Chlorotoluene
Concen: 4.229 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:126 Resp: 83172
Ion Ratio Lower Upper
126 100
91 365.2 0.0 738.8

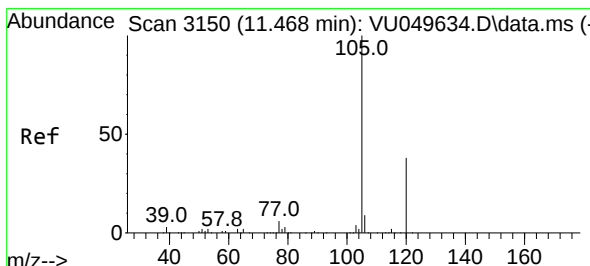
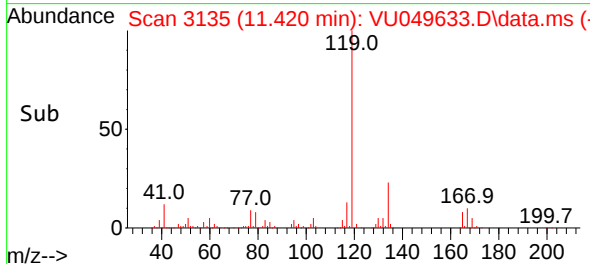
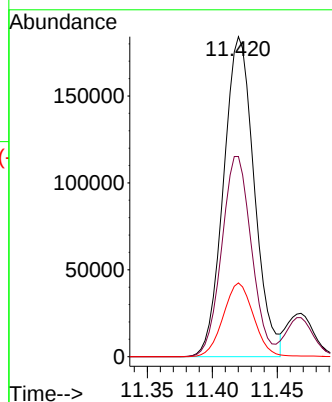
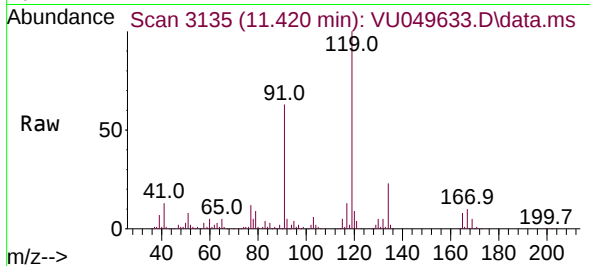




#77
 tert-Butylbenzene
 Concen: 4.970 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

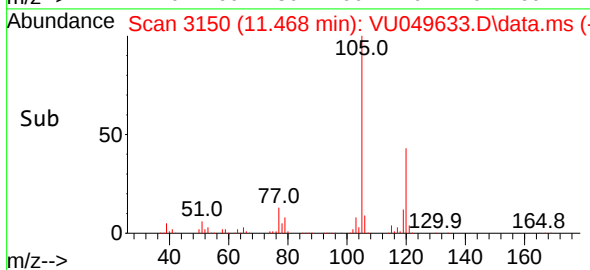
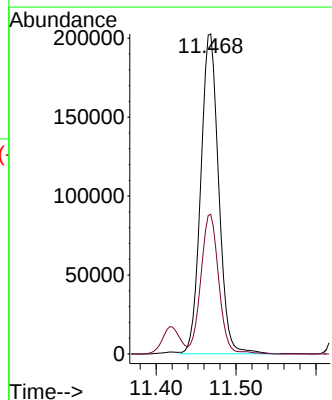
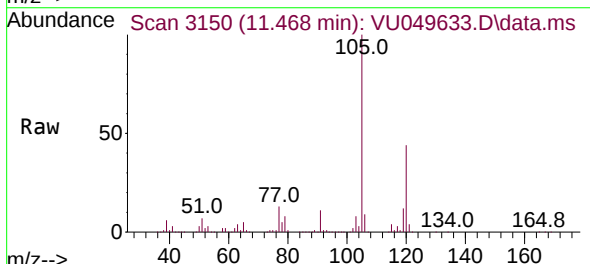
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

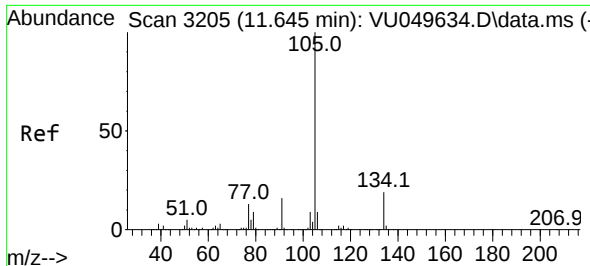
Tgt Ion:119 Resp: 303024
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.4 91.3
 134 22.9 17.8 26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 5.113 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

Tgt Ion:105 Resp: 315498
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.6 65.0

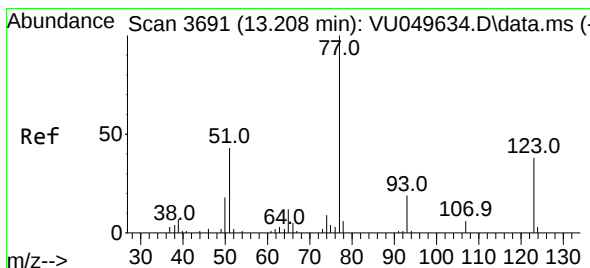
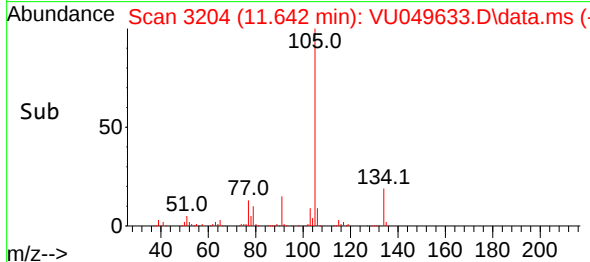
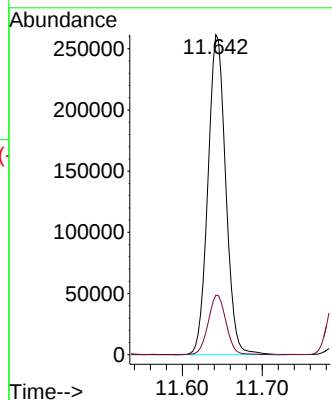
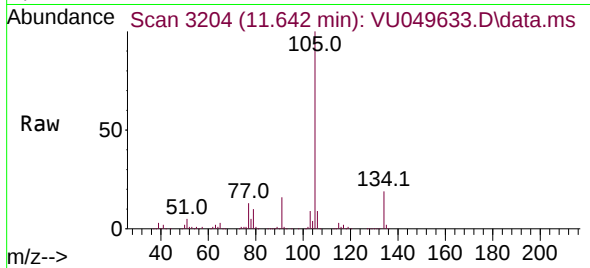




#79
 sec-Butylbenzene
 Concen: 5.071 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

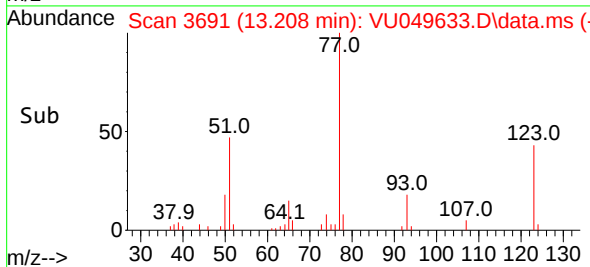
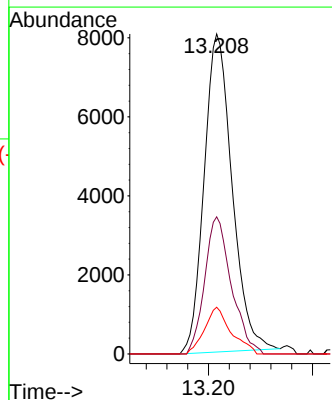
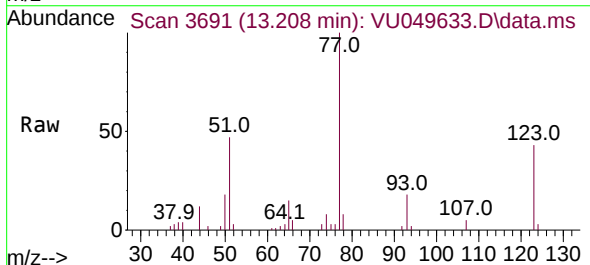
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

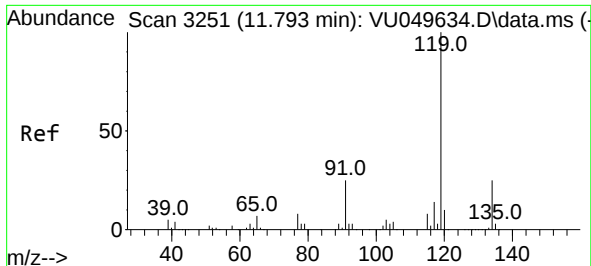
Tgt Ion:105 Resp: 404938
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 23.030 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

Tgt Ion: 77 Resp: 15024
 Ion Ratio Lower Upper
 77 100
 123 41.1 18.1 64.3
 65 13.9 10.8 13.8#

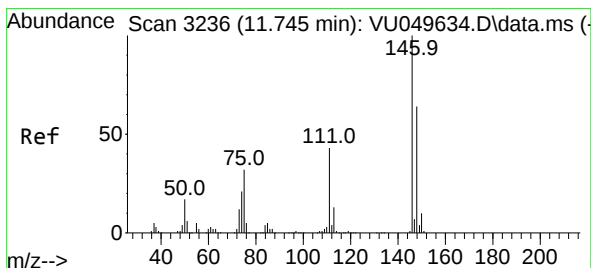
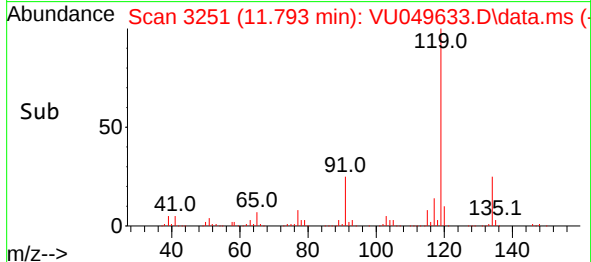
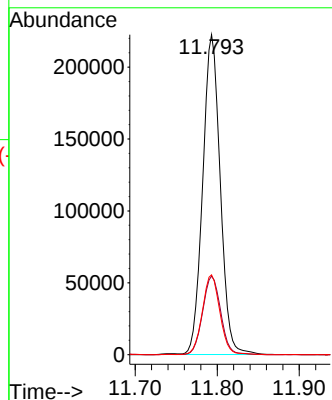
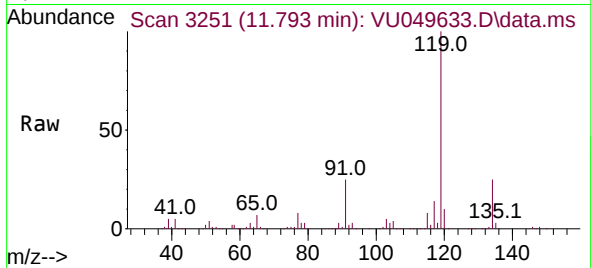




#81
p-Isopropyltoluene
Concen: 4.977 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

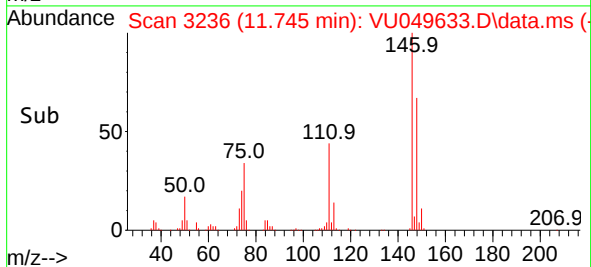
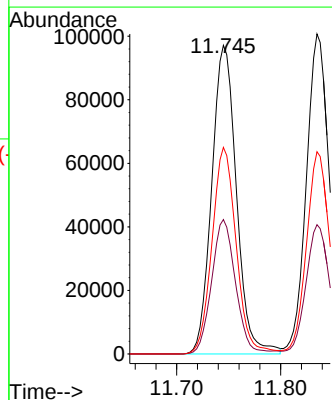
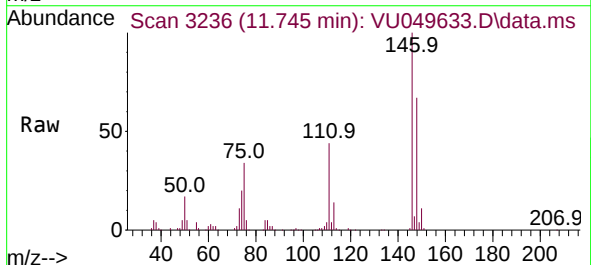
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

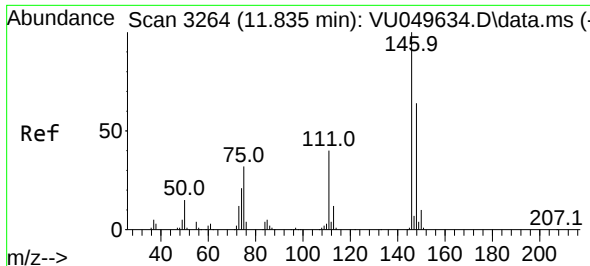
Tgt Ion:119 Resp: 329821
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 25.0 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 3.850 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:146 Resp: 160134
Ion Ratio Lower Upper
146 100
111 42.2 33.4 50.2
148 65.5 51.2 76.8

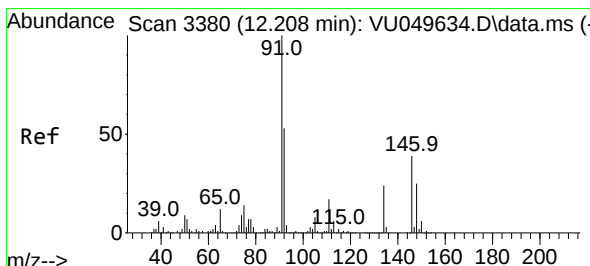
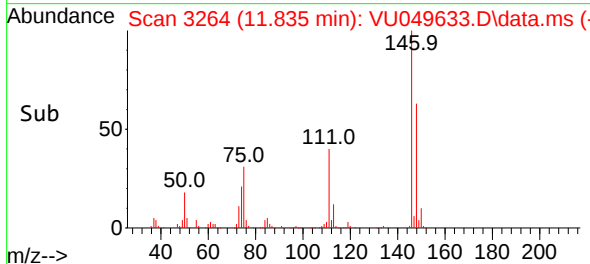
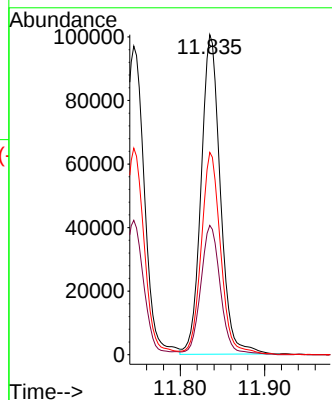
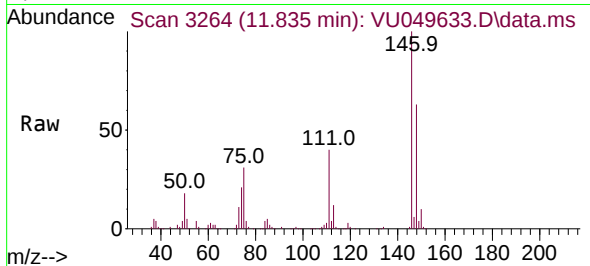




#83
1,4-Dichlorobenzene
Concen: 3.860 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

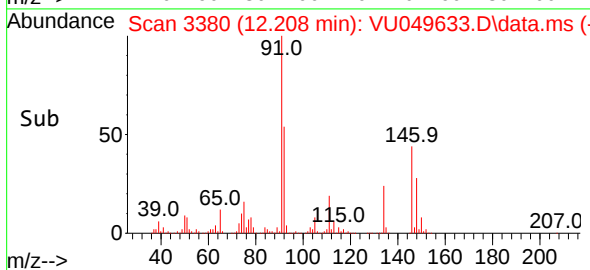
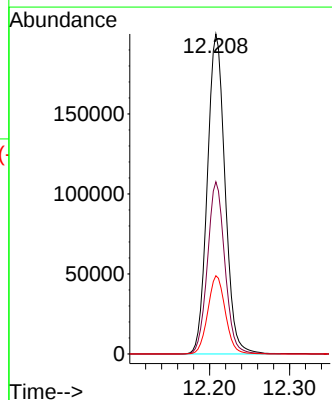
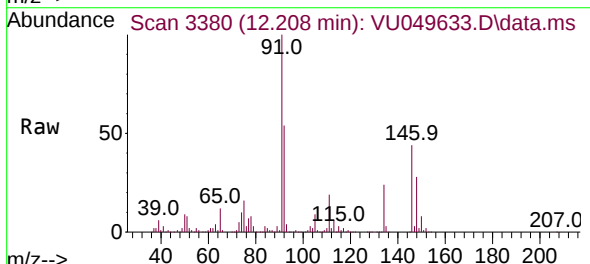
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

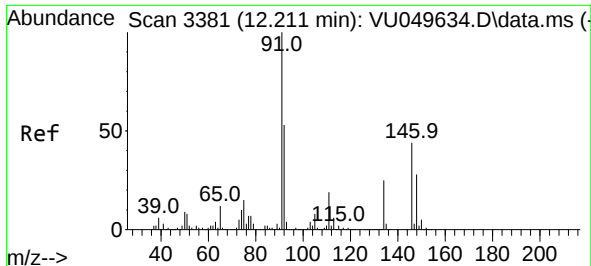
Tgt Ion:146 Resp: 160050
Ion Ratio Lower Upper
146 100
111 41.2 32.6 49.0
148 63.7 51.6 77.4



#84
n-Butylbenzene
Concen: 4.834 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion: 91 Resp: 307563
Ion Ratio Lower Upper
91 100
92 52.9 42.3 63.5
134 24.3 19.6 29.4

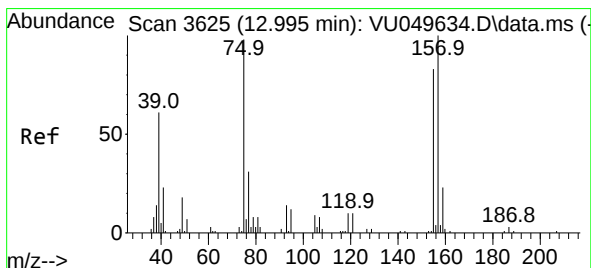
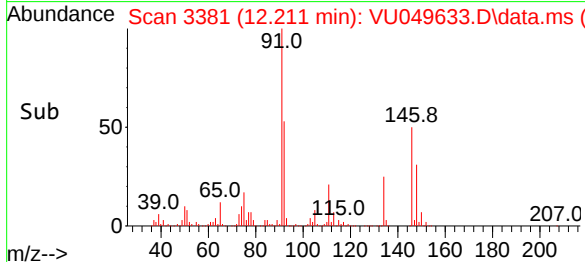
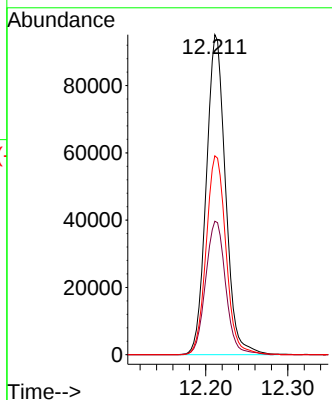
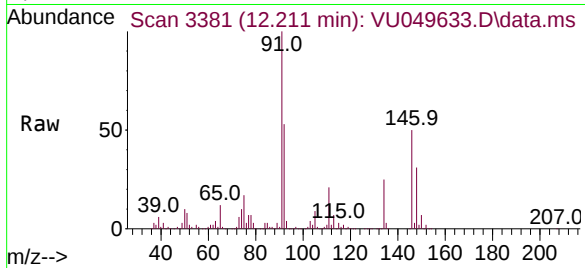




#85
 1,2-Dichlorobenzene
 Concen: 3.941 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

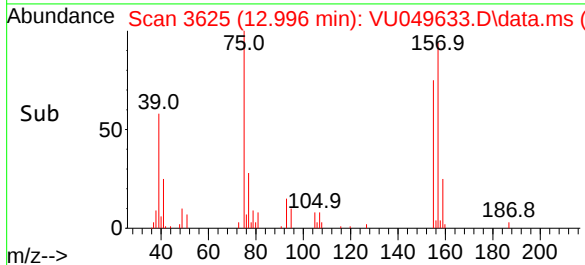
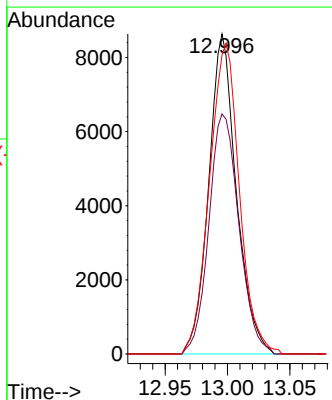
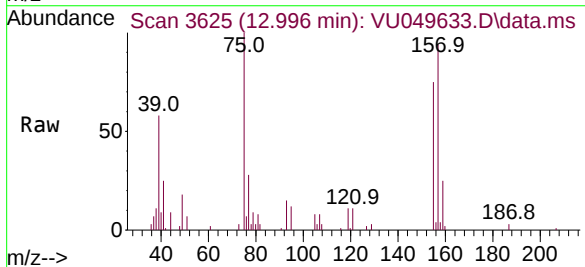
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

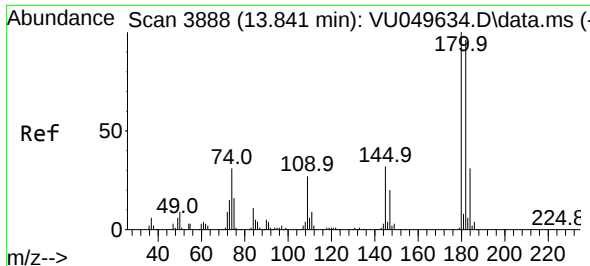
Tgt Ion:146 Resp: 154870
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.1 66.1
 148 63.9 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 4.862 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU049633.D
 Acq: 06 Jul 2022 11:10

Tgt Ion: 75 Resp: 13349
 Ion Ratio Lower Upper
 75 100
 155 81.4 66.8 100.2
 157 105.4 83.8 125.8

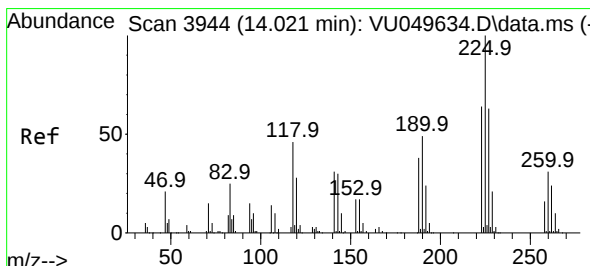
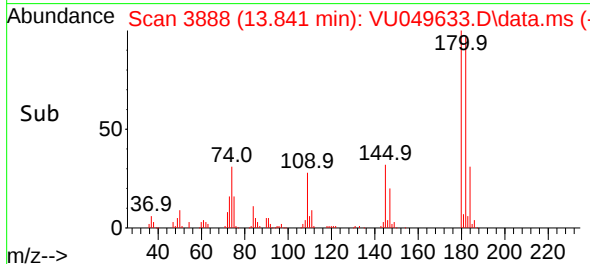
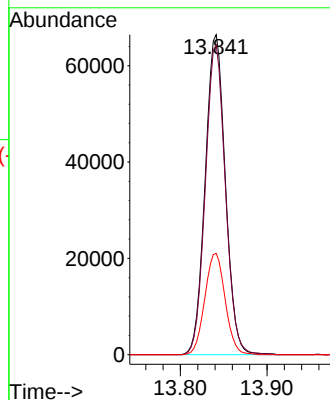
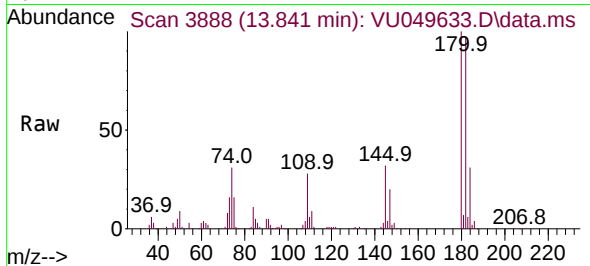




#87
1,2,4-Trichlorobenzene
Concen: 3.788 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

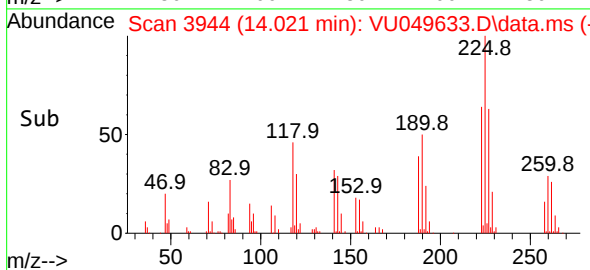
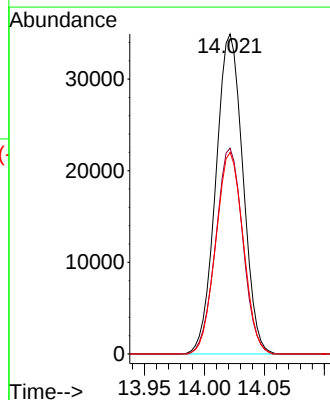
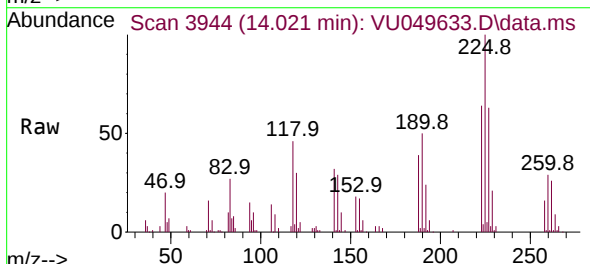
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

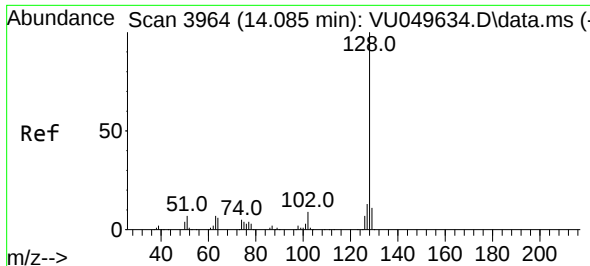
Tgt Ion:180 Resp: 107677
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.6
145 31.9 25.7 38.5



#88
Hexachlorobutadiene
Concen: 3.307 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:225 Resp: 54912
Ion Ratio Lower Upper
225 100
223 64.2 50.6 76.0
227 63.7 50.7 76.1

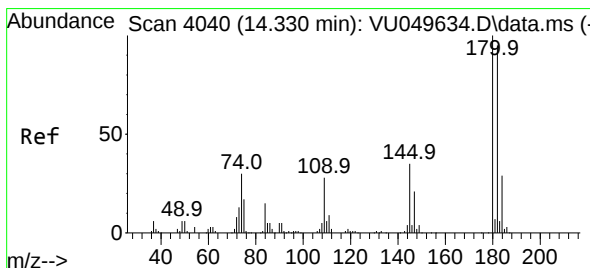
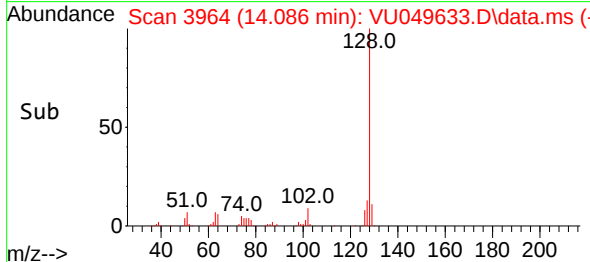
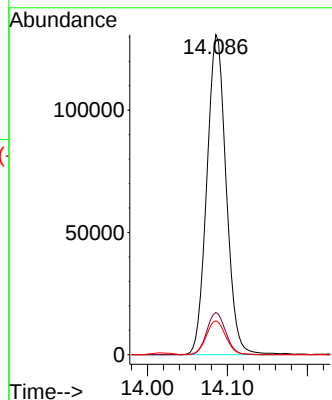
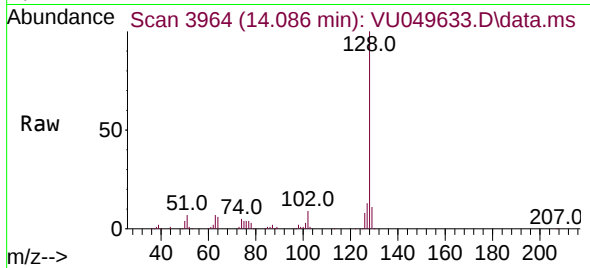




#89
Naphthalene
Concen: 4.821 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:	128	Resp:	219849
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.7	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 3.857 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049633.D
Acq: 06 Jul 2022 11:10

Tgt Ion:	180	Resp:	101721
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	34.0	27.3	40.9

