

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049631.D
 Acq On : 06 Jul 2022 10:14
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 07 06:17:30 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	59033	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	21348	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19887	0.803	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	21142	0.988	ug/l	97
3) Chloromethane	1.523	50	22360	0.954	ug/l	96
4) Vinyl Chloride	1.604	62	20339	0.970	ug/l	93
5) Bromomethane	1.858	94	11271	0.889	ug/l	95
6) Chloroethane	1.935	64	11526	0.905	ug/l	95
7) Trichlorofluoromethane	2.141	101	23718	0.861	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	12504	0.797	ug/l	98
9) 1,1-Dichloroethene	2.581	96	12797	0.818	ug/l	89
10) Iodomethane	2.723	142	14995	1.233	ug/l	98
11) Allyl Chloride	2.925	41	22608	1.016	ug/l	96
12) Acrylonitrile	3.321	53	6210	1.576	ug/l #	85
13) Acetone	2.633	43	12988	4.168	ug/l	95
14) Carbon Disulfide	2.793	76	42648	0.856	ug/l	99
15) Methylene Chloride	3.044	84	17516	0.705	ug/l	98
16) trans-1,2-Dichloroethene	3.353	96	13584	0.796	ug/l	97
17) 1,1-Dichloroethane	3.867	63	28394	0.981	ug/l	99
18) 2-Butanone	4.726	43	20385	4.749	ug/l	99
19) Cyclohexane	5.385	56	23562	1.039	ug/l	90
20) Methylcyclohexane	6.761	83	26262	1.068	ug/l	99
21) 2,2-Dichloropropane	4.668	77	22620	0.954	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	17159	0.957	ug/l	99
23) Diethyl Ether	2.379	59	10911	0.922	ug/l	98
24) tert-Butyl Alcohol	3.205	59	13702	10.756	ug/l #	94
25) Methyl tert-Butyl Ether	3.369	73	35893	0.912	ug/l	97
26) Bromochloromethane	4.976	128	6348	0.728	ug/l	89
27) Chloroform	5.089	83	27191	0.898	ug/l	97
28) 1,1,1-Trichloroethane	5.317	97	24228	0.937	ug/l	98
29) 1,1-Dichloropropene	5.526	75	21280	0.972	ug/l	98
30) Carbon Tetrachloride	5.523	117	20208	0.901	ug/l	97
31) Isopropyl Ether	3.999	45	46842	1.128	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	45011	1.127	ug/l	98
33) Tert-Amyl methyl ether	5.947	73	39061	1.099	ug/l	98
34) Propionitrile	4.793	54	6151	4.500	ug/l #	96
35) Benzene	5.774	78	61856	0.948	ug/l	100
36) 1,2-Dichloroethane	5.796	62	17220	0.906	ug/l	99
37) Trichloroethene	6.542	130	15828	0.853	ug/l	97
38) 1,2-Dichloropropane	6.793	63	16305	0.979	ug/l	98
39) Methacrylonitrile	4.986	41	5152	1.032	ug/l	98
40) Methyl acrylate	4.864	55	7394	0.914	ug/l #	96
41) Tetrahydrofuran	5.070	42	6204	2.205	ug/l	99
42) 1-Chlorobutane	5.459	56	30865	1.077	ug/l	98
43) Dibromomethane	6.922	93	7923	0.848	ug/l	97
44) Bromodichloromethane	7.108	83	19358	0.888	ug/l #	97

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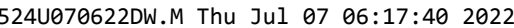
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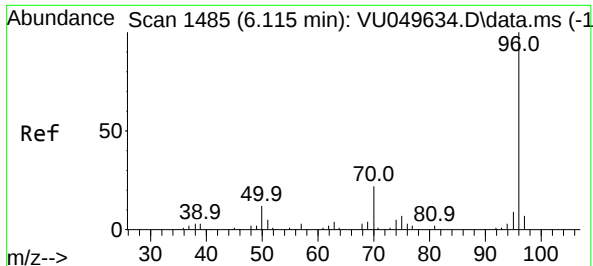
Quant Time: Jul 07 06:17:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 06:16:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	50994	5.149	ug/l	98
46) t-1,4-Dichloro-2-butene	10.828	75	17026	3.774	ug/l #	51
47) Methyl methacrylate	6.964	69	15599	2.024	ug/l	99
48) Ethyl methacrylate	8.336	69	15268	1.063	ug/l	98
49) Toluene	7.970	92	38506	0.979	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	17489	0.899	ug/l	91
51) cis-1,3-Dichloropropene	7.610	75	21355	0.947	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	10781	0.820	ug/l	97
53) 1,3-Dichloropropane	8.578	76	19908	0.912	ug/l	98
54) 2-Hexanone	8.690	43	35883	5.078	ug/l	97
55) Dibromochloromethane	8.812	129	12198	0.780	ug/l	99
56) 1,2-Dibromoethane	8.925	107	10240	0.816	ug/l	98
58) Tetrachloroethene	8.555	164	13273	0.808	ug/l	93
59) Chlorobenzene	9.449	112	39373	0.862	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	13685	0.843	ug/l	99
61) Pentachloroethane	11.430	117	10972	0.817	ug/l	93
62) Hexachloroethane	12.475	117	10951	0.884	ug/l	99
63) Ethyl Benzene	9.571	91	71374	0.995	ug/l	99
64) m/p-Xylenes	9.697	106	52571	1.868	ug/l	100
65) o-Xylene	10.102	106	25115	0.930	ug/l	98
66) Styrene	10.115	104	40358	0.893	ug/l	100
67) Bromoform	10.291	173	6902	0.707	ug/l	97
69) Isopropylbenzene	10.484	105	68437	0.965	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	14256	0.844	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	17026	1.308	ug/l #	50
72) Bromobenzene	10.783	156	15637	0.758	ug/l	97
73) n-propylbenzene	10.906	120	17301	0.872	ug/l	98
74) 2-Chlorotoluene	10.986	126	15687	0.839	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	56952	0.950	ug/l	99
76) 4-Chlorotoluene	11.098	126	15442	0.791	ug/l	90
77) tert-Butylbenzene	11.420	119	56953	0.941	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	55938	0.913	ug/l	99
79) sec-Butylbenzene	11.645	105	73841	0.931	ug/l	99
80) Nitrobenzene	13.214	77	2684	4.144	ug/l #	97
81) p-Isopropyltoluene	11.793	119	59576	0.905	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	30323	0.734	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	31606	0.768	ug/l	96
84) n-Butylbenzene	12.208	91	54594	0.864	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	29623	0.759	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	2457	0.901	ug/l	89
87) 1,2,4-Trichlorobenzene	13.844	180	18809	0.666	ug/l	99
88) Hexachlorobutadiene	14.021	225	10398	0.631	ug/l	100
89) Naphthalene	14.089	128	39050	0.862	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	17759	0.678	ug/l	98

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

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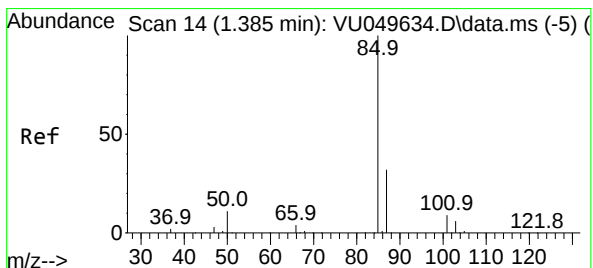
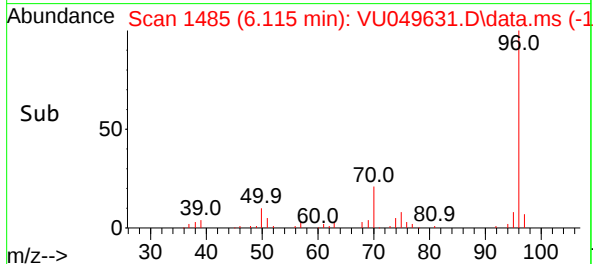
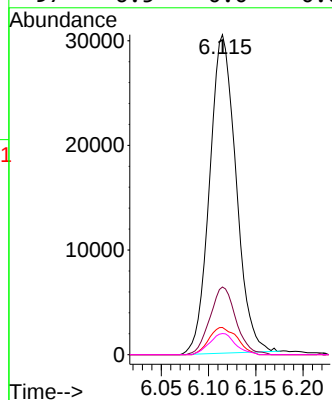
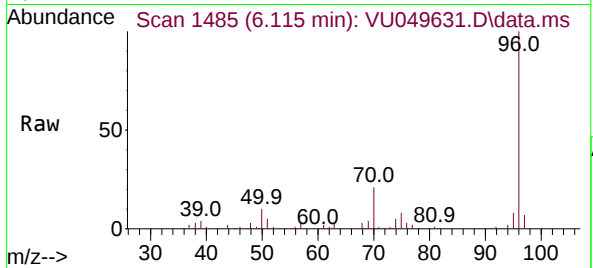




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

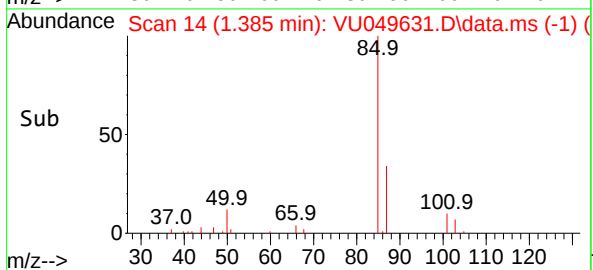
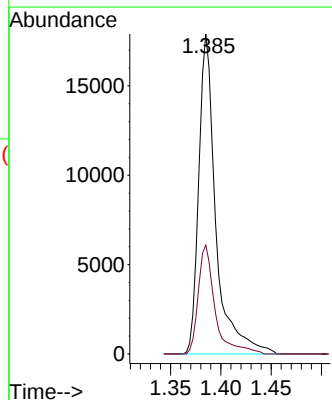
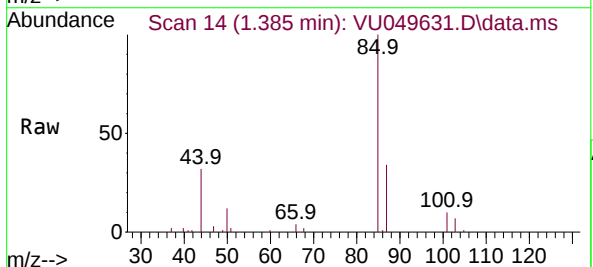
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 59033
Ion Ratio Lower Upper
96 100
70 20.9 16.7 25.1
95 9.1 7.4 11.0
97 6.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.988 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 85 Resp: 21142
Ion Ratio Lower Upper
85 100
87 34.0 16.3 48.8

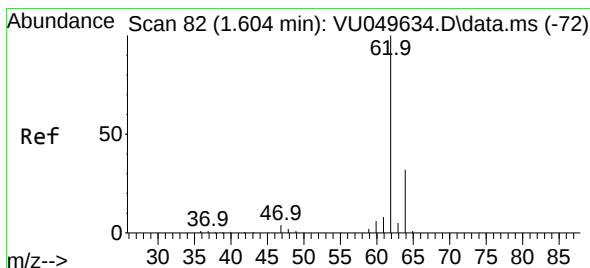
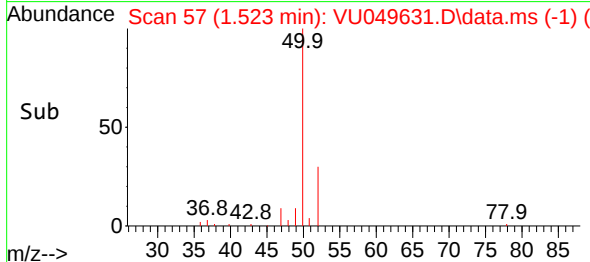
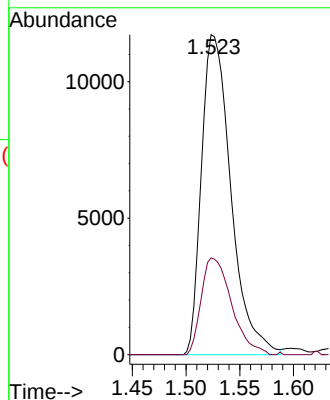
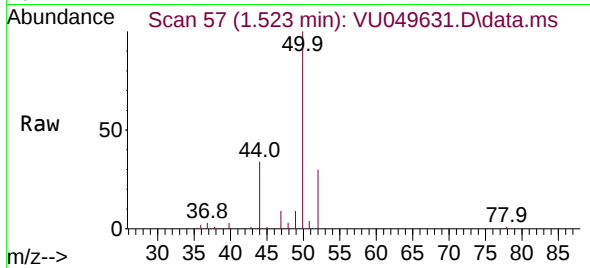




#3
Chloromethane
Concen: 0.954 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

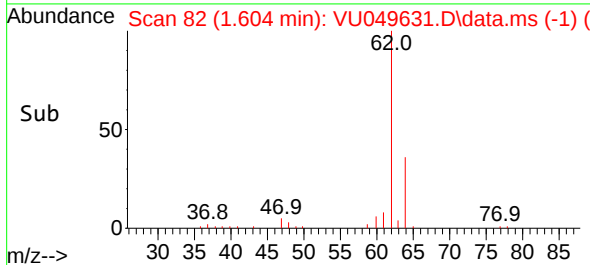
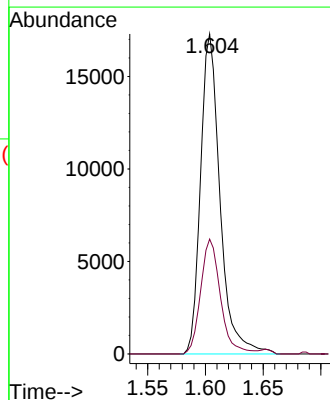
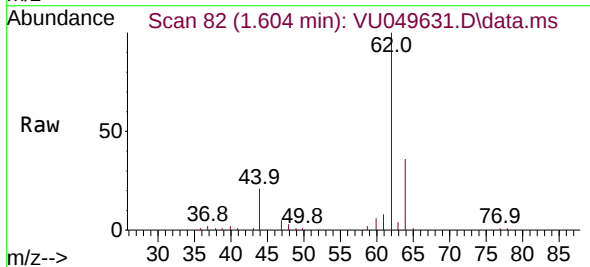
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ClientSampleId :
VSTDIC001

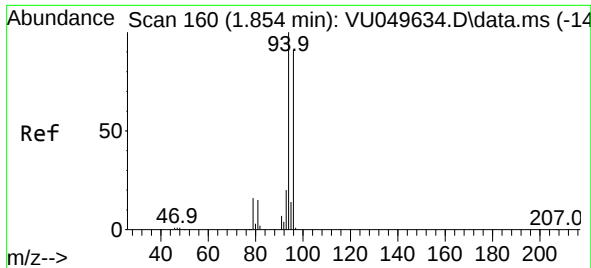
Tgt Ion: 50 Resp: 22360
Ion Ratio Lower Upper
50 100
52 30.3 26.1 39.1



#4
Vinyl Chloride
Concen: 0.970 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 62 Resp: 20339
Ion Ratio Lower Upper
62 100
64 35.9 25.5 38.3

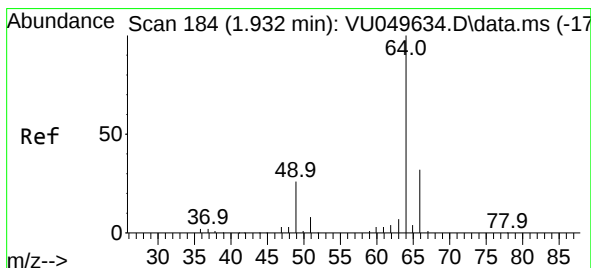
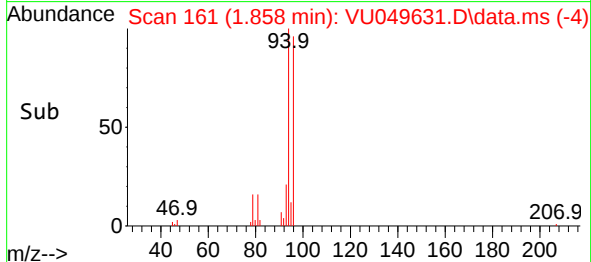
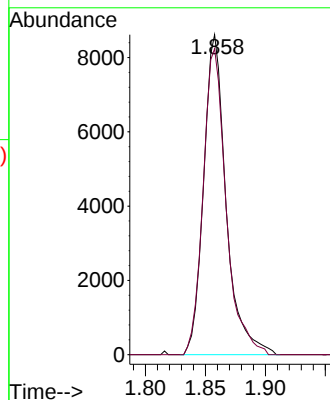
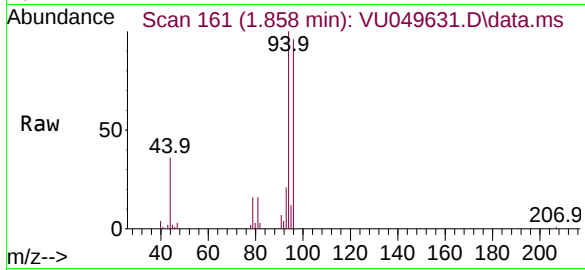




#5
Bromomethane
Concen: 0.889 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

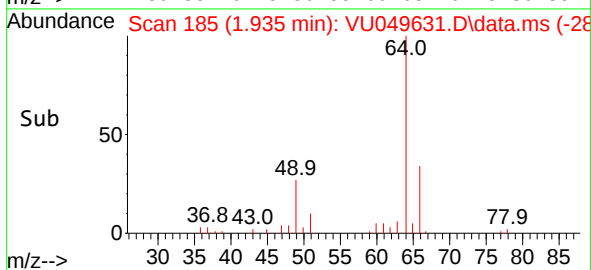
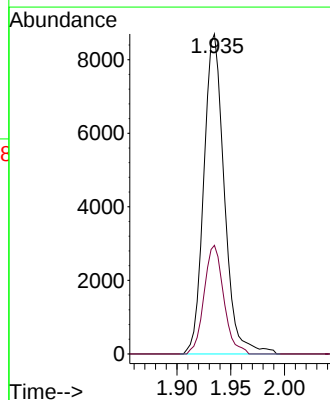
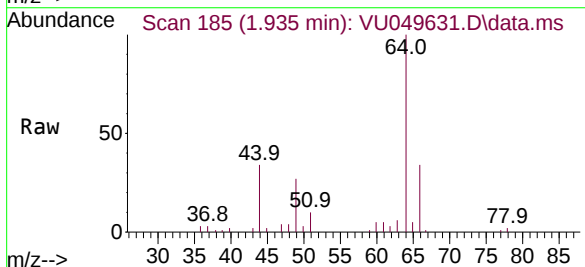
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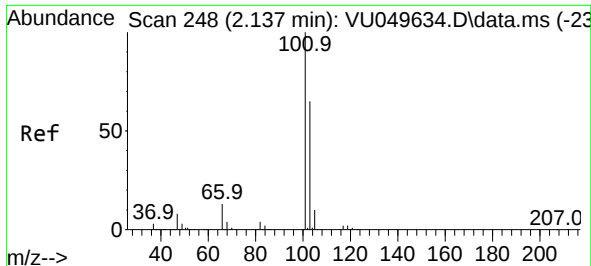
Tgt Ion: 94 Resp: 11271
Ion Ratio Lower Upper
94 100
96 95.6 73.0 109.6



#6
Chloroethane
Concen: 0.905 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 64 Resp: 11526
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.6

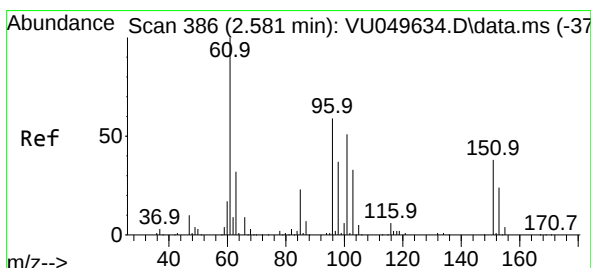
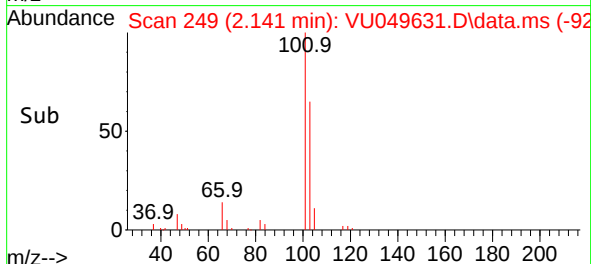
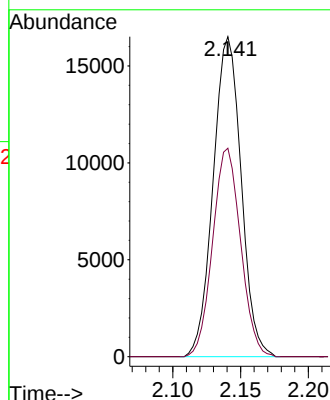
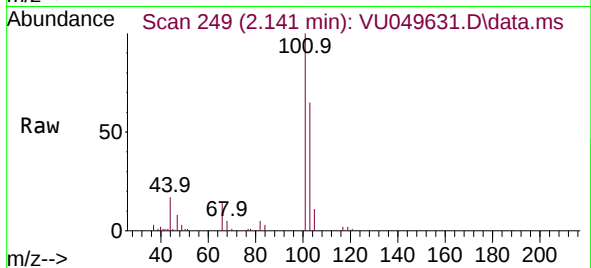




#7
 Trichlorofluoromethane
 Concen: 0.861 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

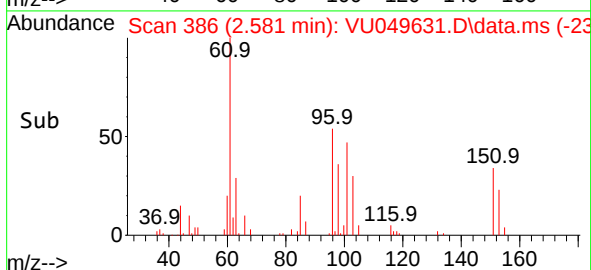
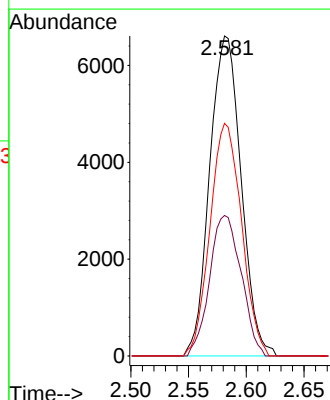
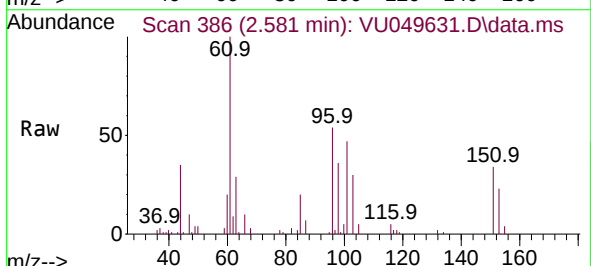
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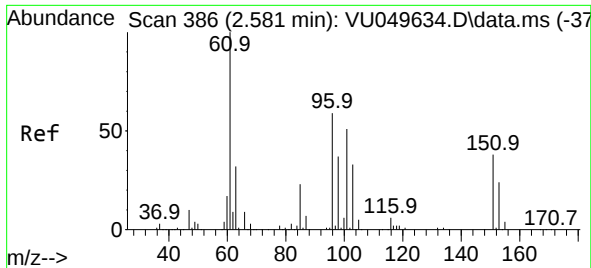
Tgt Ion:101 Resp: 23718
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.797 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

Tgt Ion:101 Resp: 12504
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.4 54.6
 151 72.9 59.1 88.7

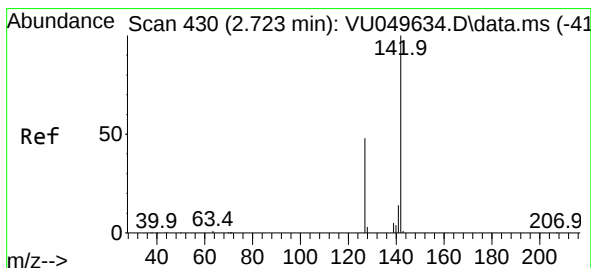
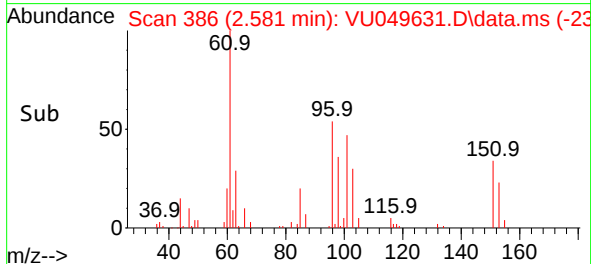
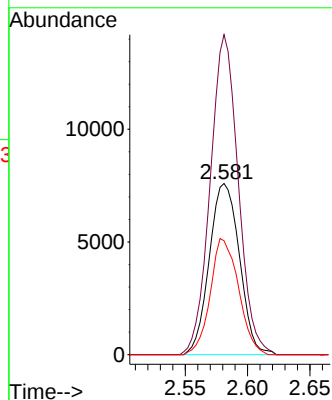
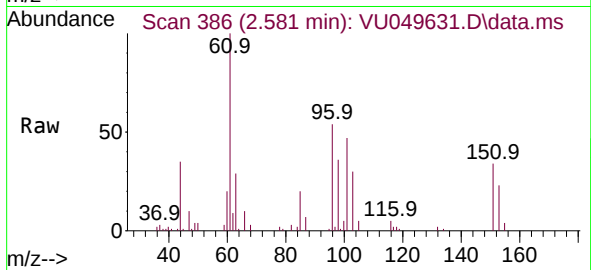




#9
1,1-Dichloroethene
Concen: 0.818 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

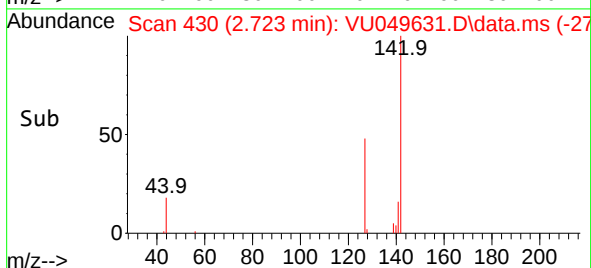
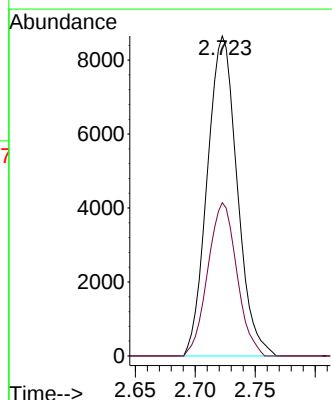
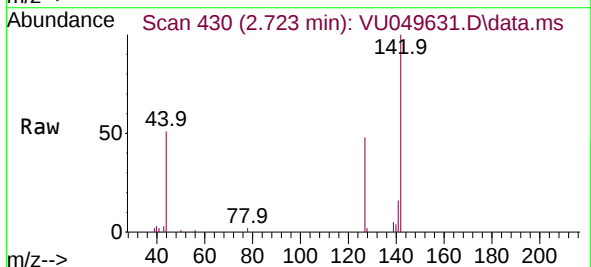
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 12797
Ion Ratio Lower Upper
96 100
61 186.9 0.0 510.6
98 68.2 0.0 124.6



#10
Iodomethane
Concen: 1.233 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 142 Resp: 14995
Ion Ratio Lower Upper
142 100
127 46.5 38.2 57.2

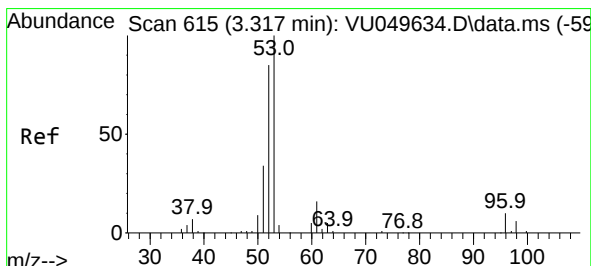
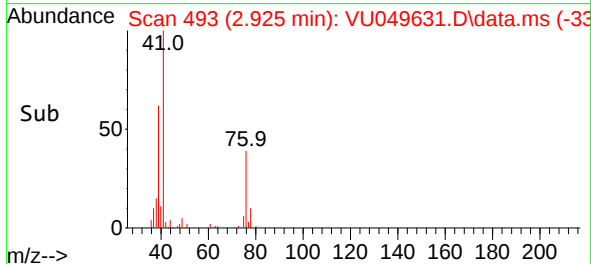
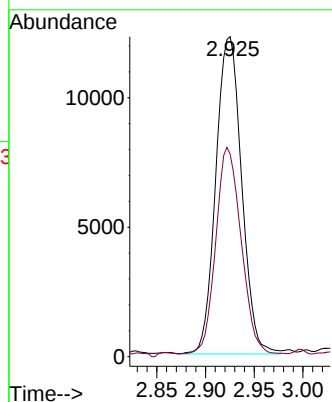
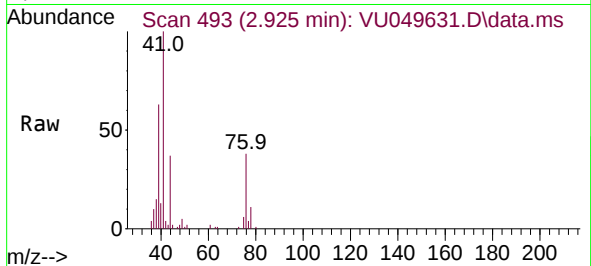




#11
 Allyl Chloride
 Concen: 1.016 ug/l
 RT: 2.925 min Scan# 492
 Delta R.T. 0.003 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

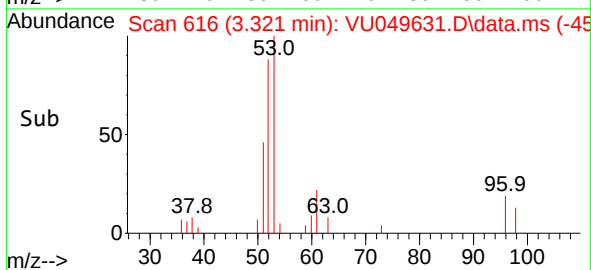
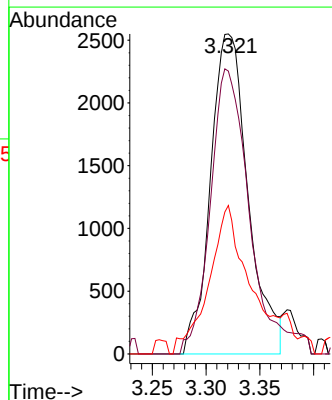
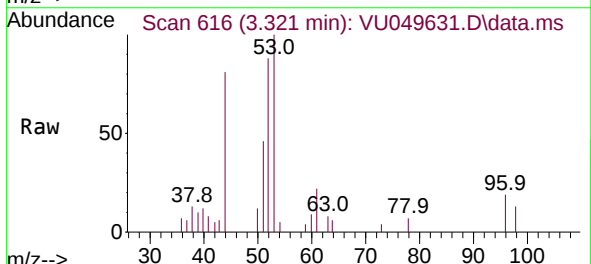
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

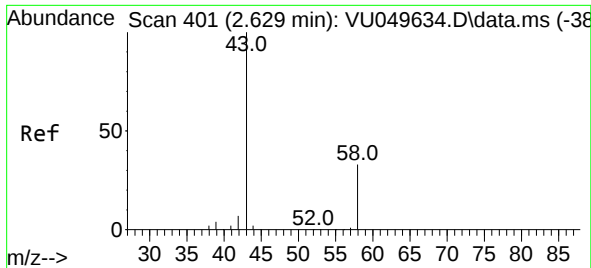
Tgt Ion: 41 Resp: 22608
 Ion Ratio Lower Upper
 41 100
 39 63.5 53.2 79.8



#12
 Acrylonitrile
 Concen: 1.576 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

Tgt Ion: 53 Resp: 6210
 Ion Ratio Lower Upper
 53 100
 52 93.2 64.6 97.0
 51 49.7 30.7 46.1#





#13

Acetone

Concen: 4.168 ug/l

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

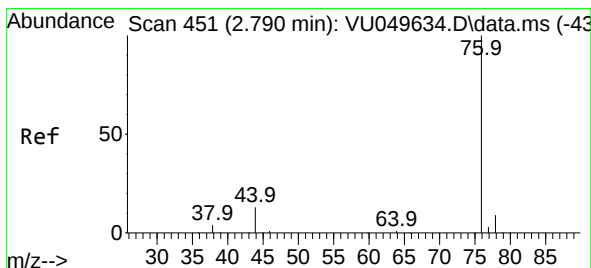
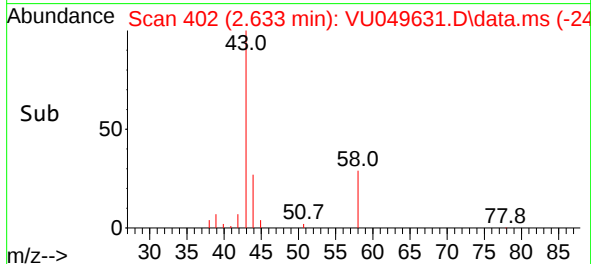
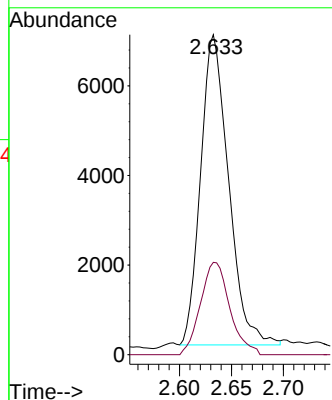
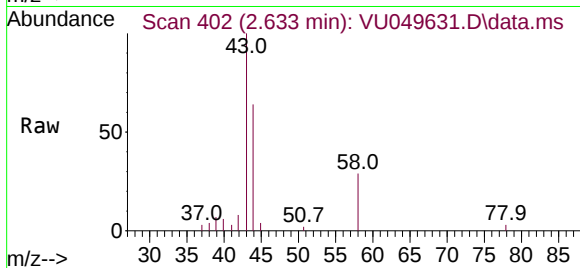
VSTDIC001

Tgt Ion: 43 Resp: 12988

Ion Ratio Lower Upper

43 100

58 29.8 26.2 39.2



#14

Carbon Disulfide

Concen: 0.856 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049631.D

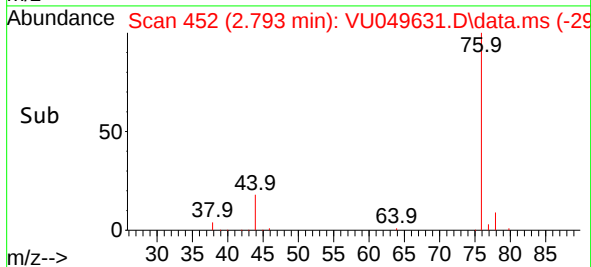
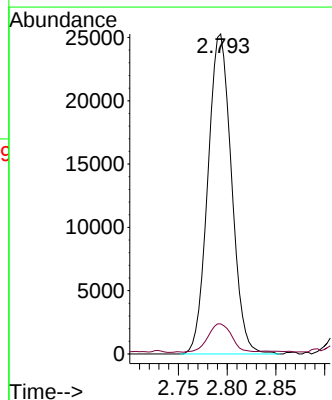
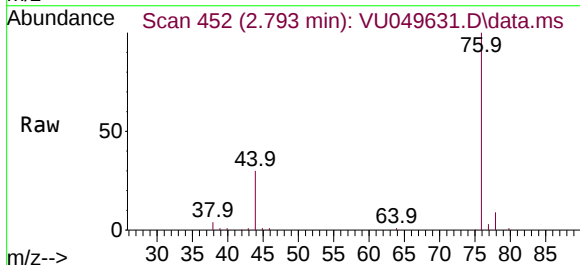
Acq: 06 Jul 2022 10:14

Tgt Ion: 76 Resp: 42648

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

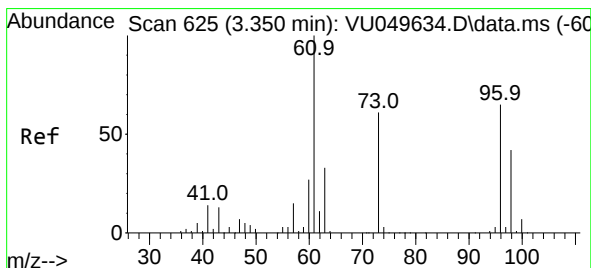
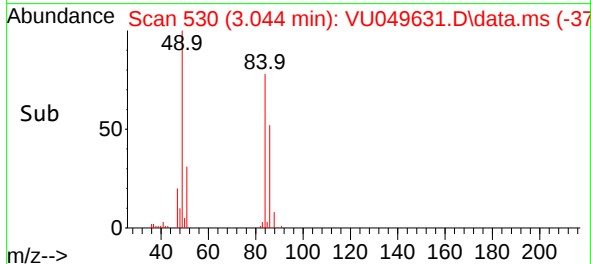
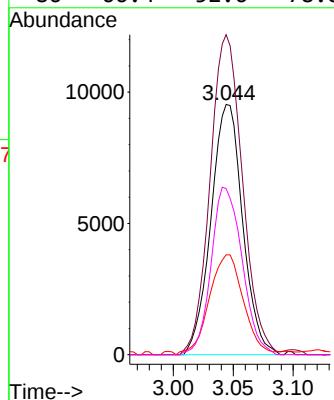
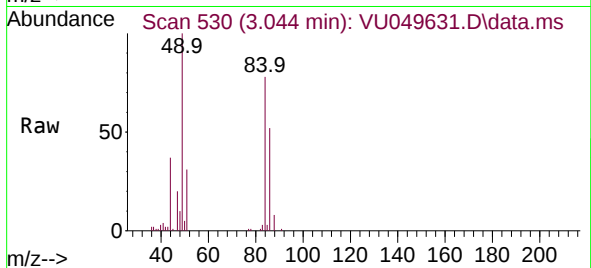




#15
Methylene Chloride
Concen: 0.705 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

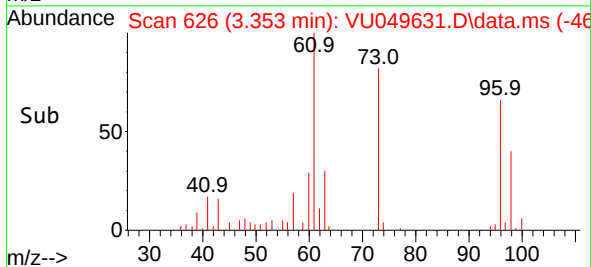
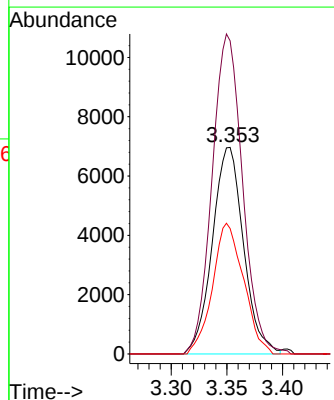
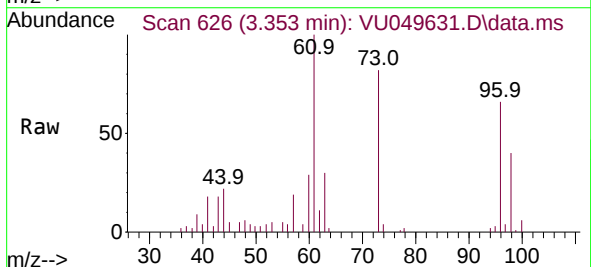
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 84	Resp: 17516		
Ion	Ratio	Lower	Upper
84	100		
49	127.9	104.6	157.0
51	38.8	0.0	81.4
86	66.4	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 0.796 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 96	Resp: 13584
Ion Ratio	Lower Upper
96 100	
61 151.6	123.4 185.0
98 60.7	51.6 77.4

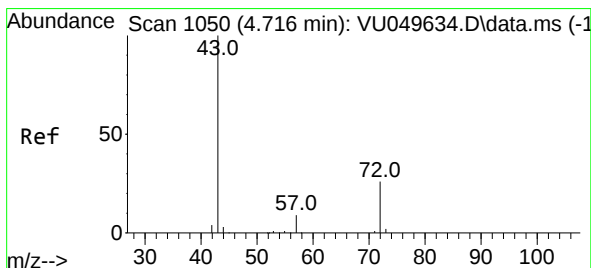
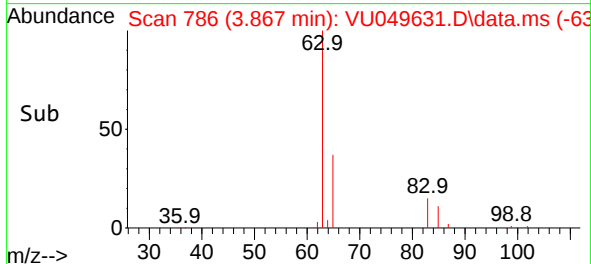
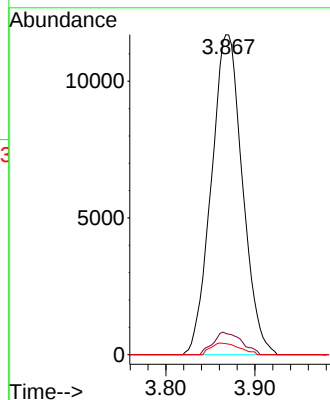
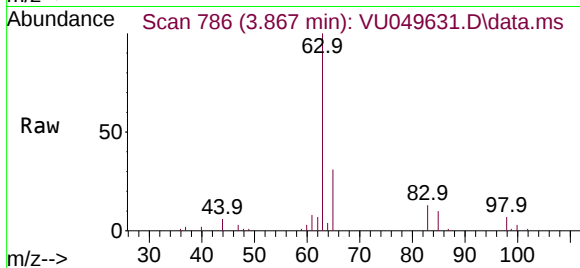




#17
1,1-Dichloroethane
Concen: 0.981 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

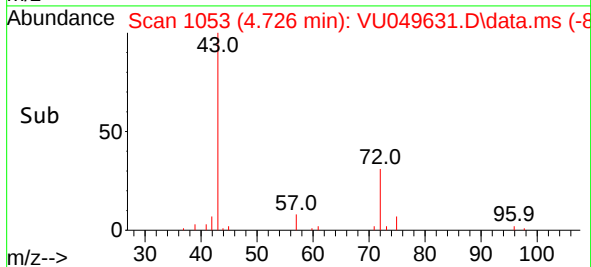
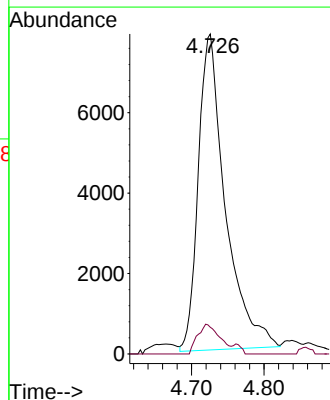
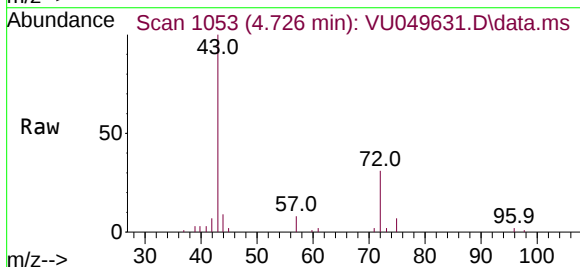
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

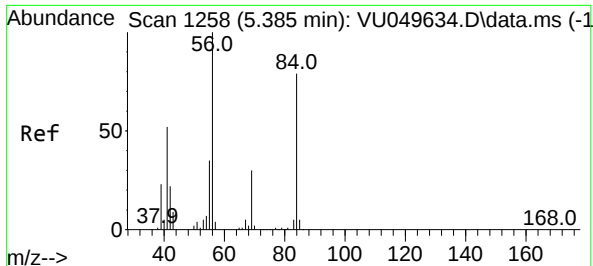
Tgt Ion: 63 Resp: 28394
Ion Ratio Lower Upper
63 100
98 6.7 3.4 10.2
100 3.4 2.0 6.0



#18
2-Butanone
Concen: 4.749 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 43 Resp: 20385
Ion Ratio Lower Upper
43 100
57 8.5 0.0 18.0





#19

Cyclohexane

Concen: 1.039 ug/l

RT: 5.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

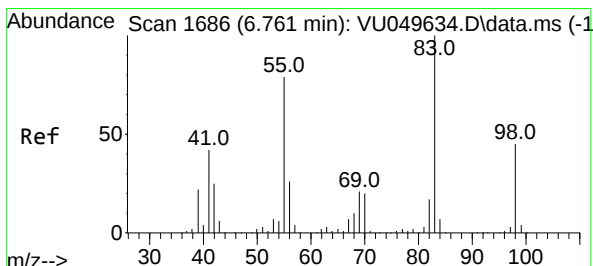
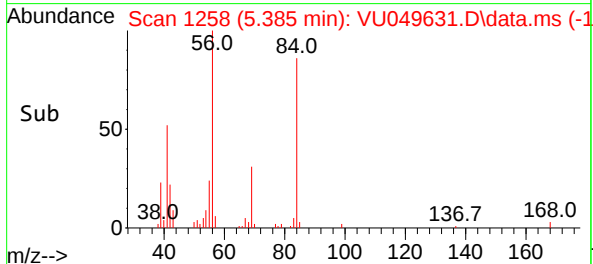
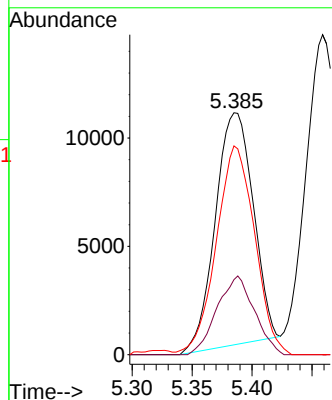
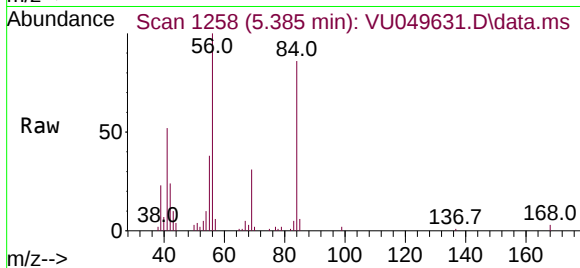
Tgt Ion: 56 Resp: 23562

Ion Ratio Lower Upper

56 100

69 33.3 24.2 36.4

84 89.6 63.4 95.2



#20

Methylcyclohexane

Concen: 1.068 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

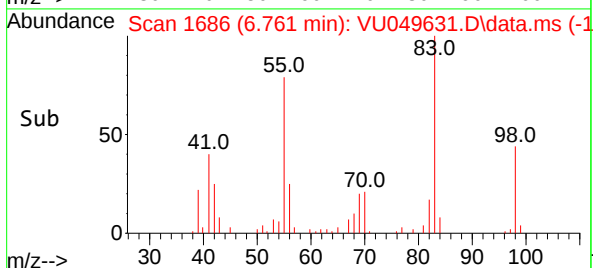
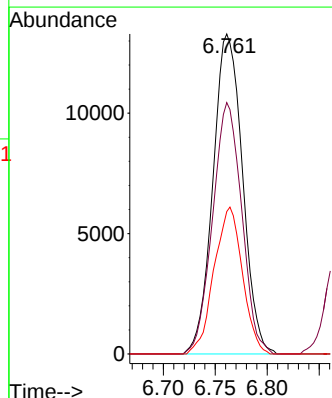
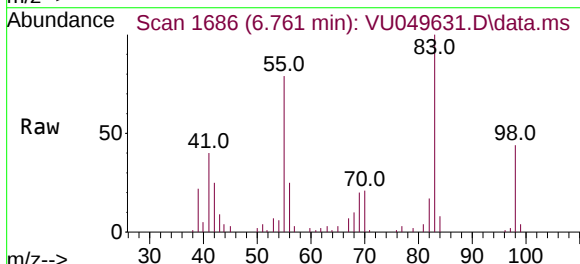
Tgt Ion: 83 Resp: 26262

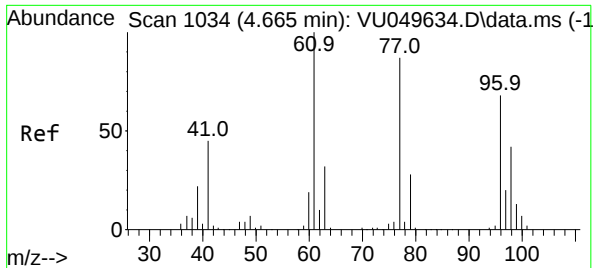
Ion Ratio Lower Upper

83 100

55 77.5 63.0 94.4

98 44.2 35.7 53.5

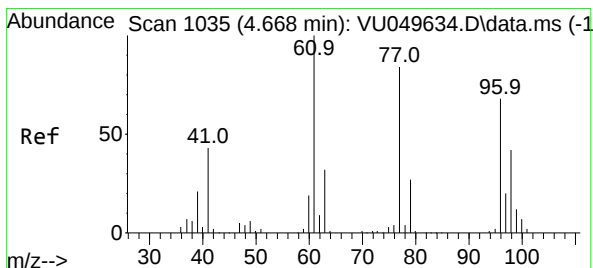
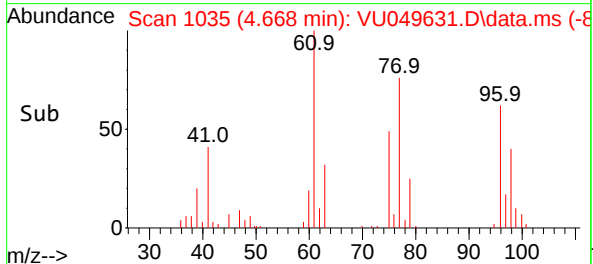
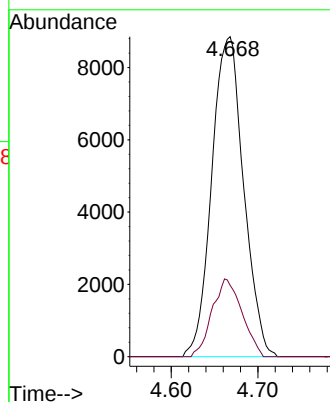
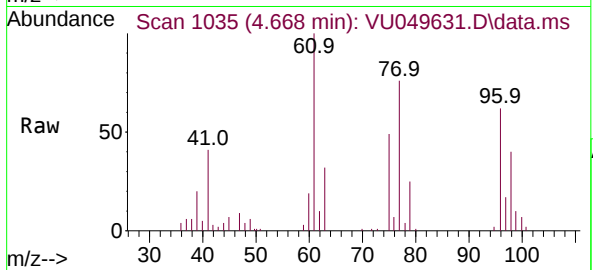




#21
2,2-Dichloropropane
Concen: 0.954 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

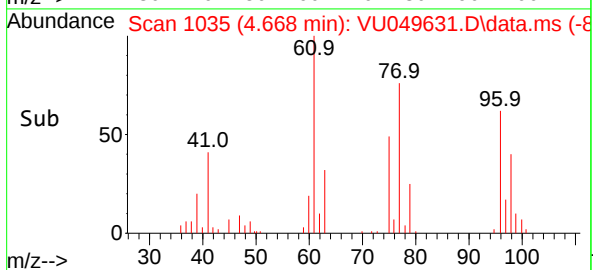
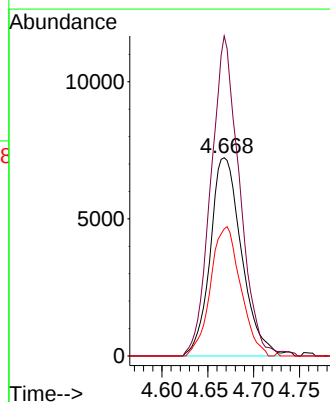
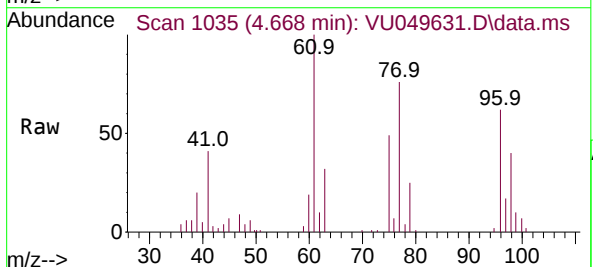
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

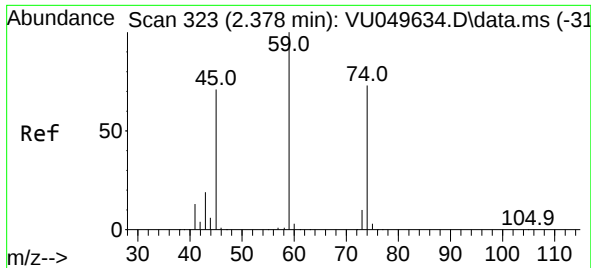
Tgt Ion: 77 Resp: 22620
Ion Ratio Lower Upper
77 100
97 22.7 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 0.957 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 96 Resp: 17159
Ion Ratio Lower Upper
96 100
61 148.1 0.0 375.8
98 62.6 31.6 95.0





#23

Diethyl Ether

Concen: 0.922 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

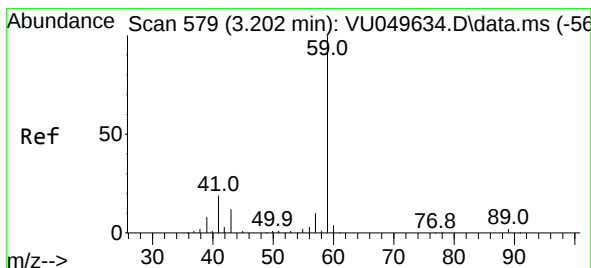
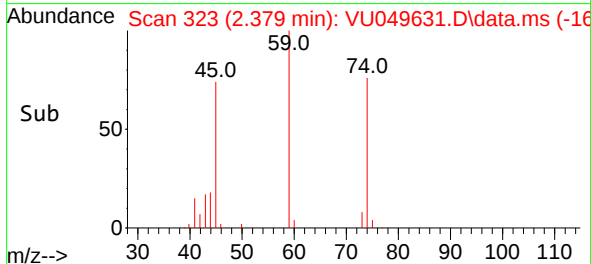
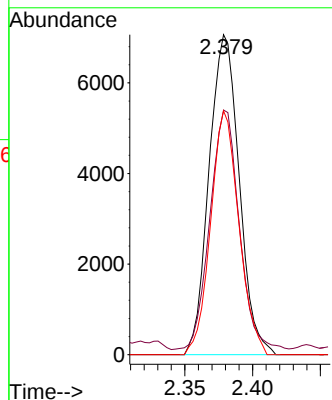
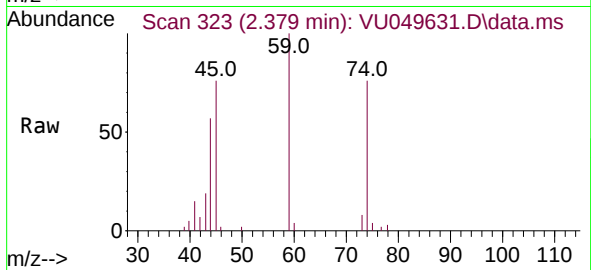
Tgt Ion: 59 Resp: 10911

Ion Ratio Lower Upper

59 100

45 72.1 56.0 84.0

74 71.3 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 10.756 ug/l

RT: 3.205 min Scan# 580

Delta R.T. 0.003 min

Lab File: VU049631.D

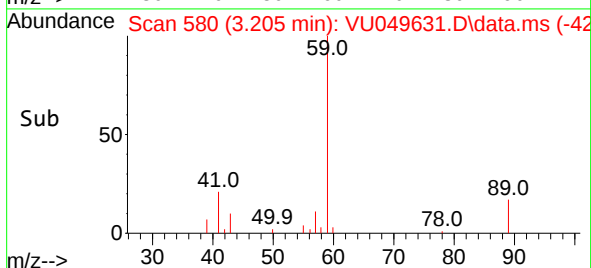
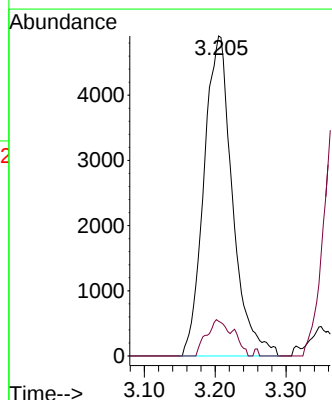
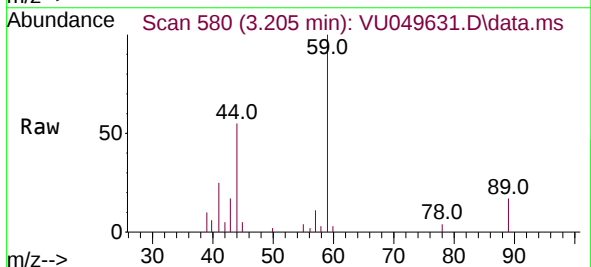
Acq: 06 Jul 2022 10:14

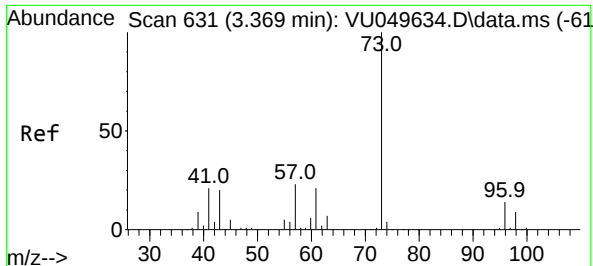
Tgt Ion: 59 Resp: 13702

Ion Ratio Lower Upper

59 100

57 8.1 8.2 12.2#

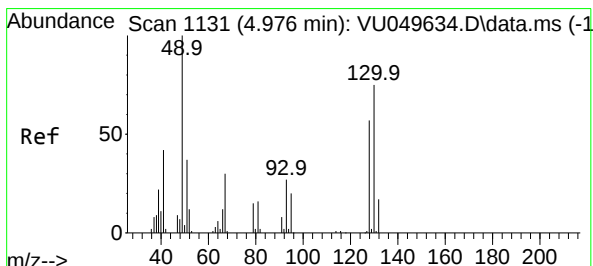
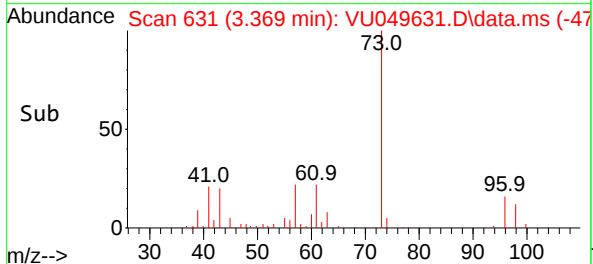
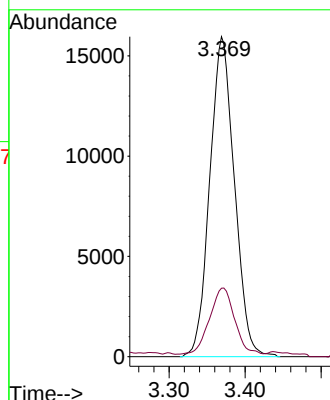
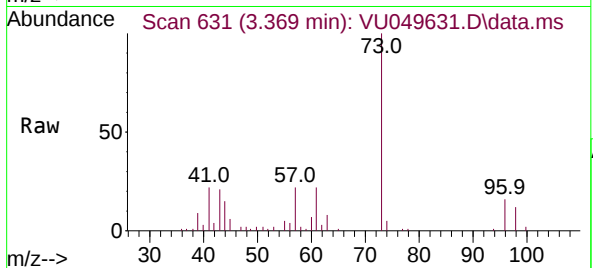




#25
Methyl tert-Butyl Ether
Concen: 0.912 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

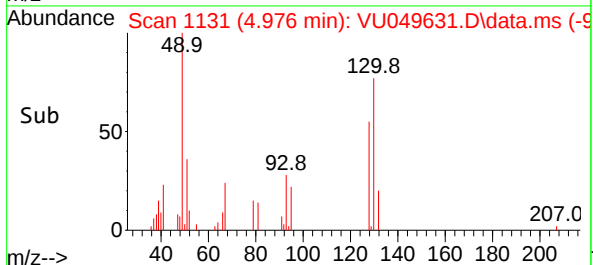
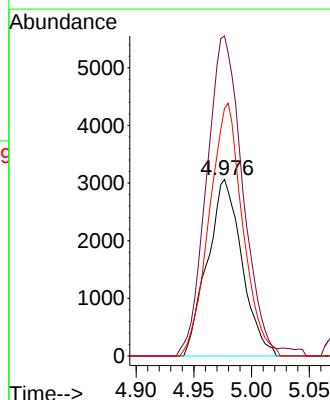
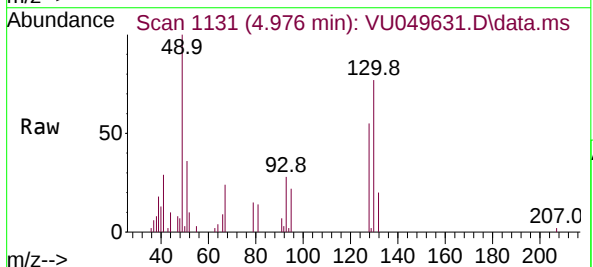
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

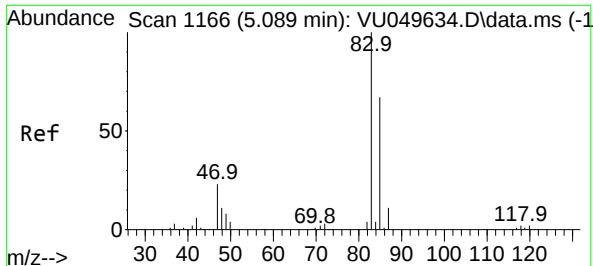
Tgt Ion: 73 Resp: 35893
Ion Ratio Lower Upper
73 100
43 21.5 15.9 23.9



#26
Bromochloromethane
Concen: 0.728 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 128 Resp: 6348
Ion Ratio Lower Upper
128 100
49 191.7 0.0 349.2
130 139.5 103.0 154.6





#27

Chloroform

Concen: 0.898 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

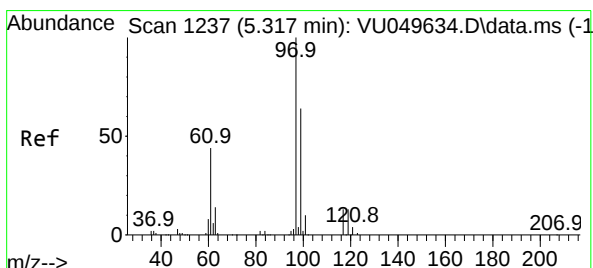
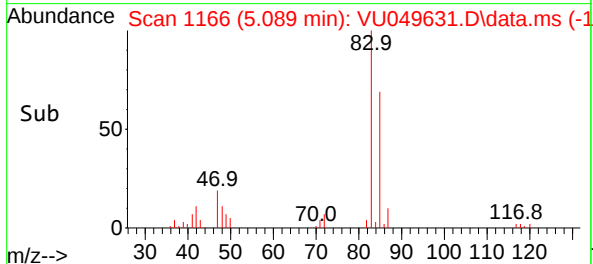
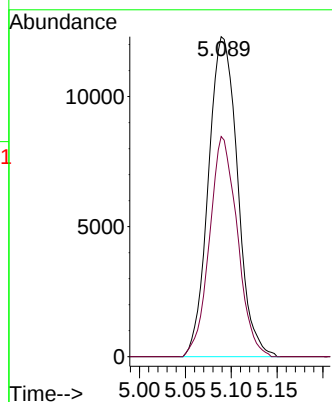
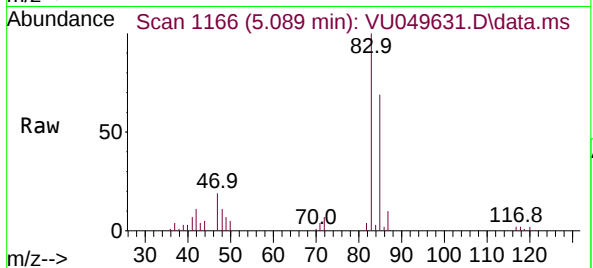
VSTDIC001

Tgt Ion: 83 Resp: 27191

Ion Ratio Lower Upper

83 100

85 68.8 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.937 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

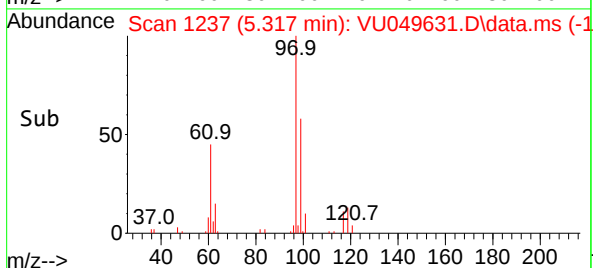
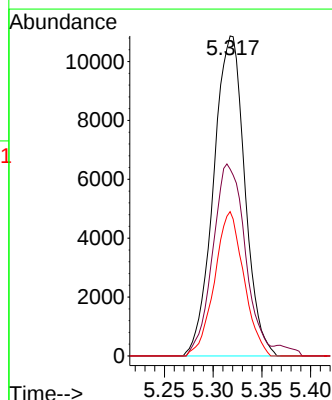
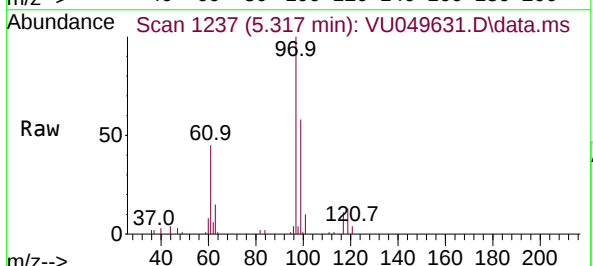
Tgt Ion: 97 Resp: 24228

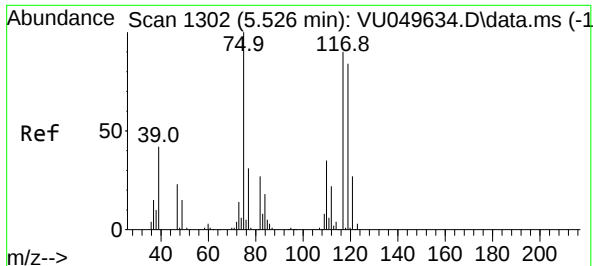
Ion Ratio Lower Upper

97 100

99 62.6 32.1 96.5

61 42.3 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.972 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

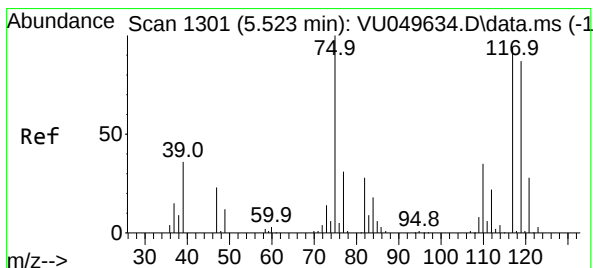
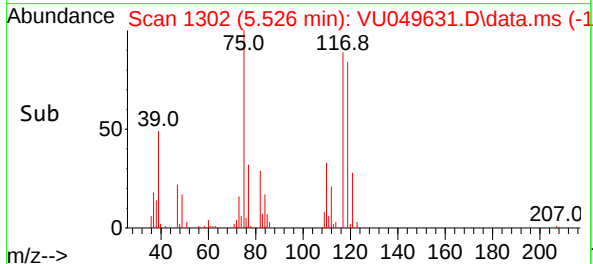
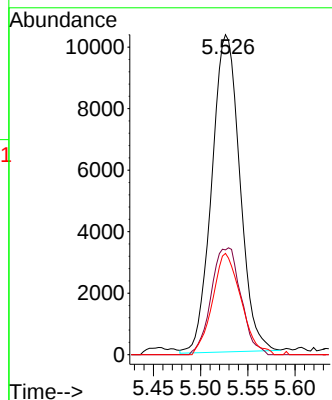
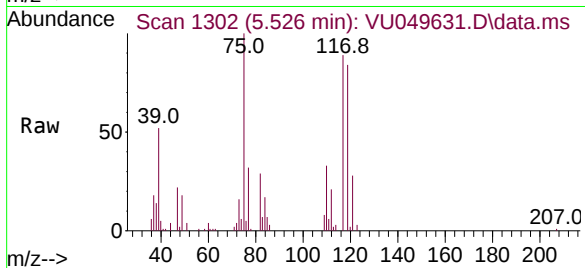
Tgt Ion: 75 Resp: 21280

Ion Ratio Lower Upper

75 100

110 35.6 17.3 52.0

77 32.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.901 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

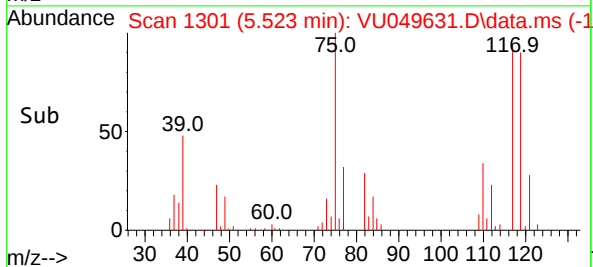
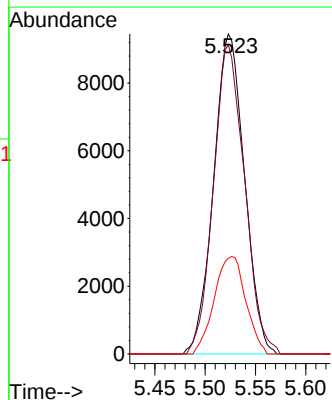
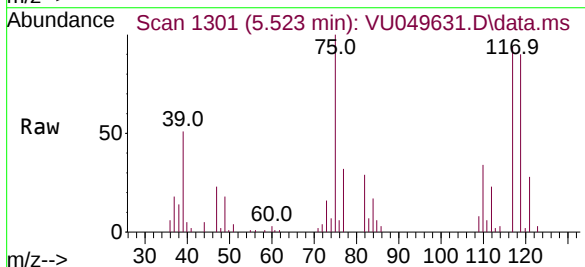
Tgt Ion: 117 Resp: 20208

Ion Ratio Lower Upper

117 100

119 96.5 74.6 112.0

121 29.9 24.2 36.4

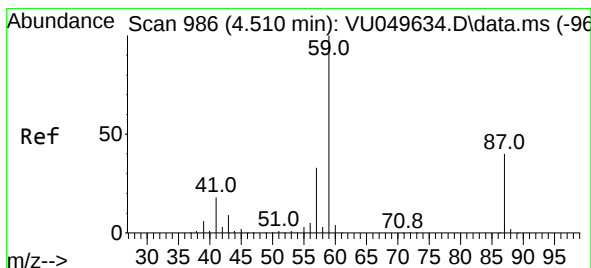
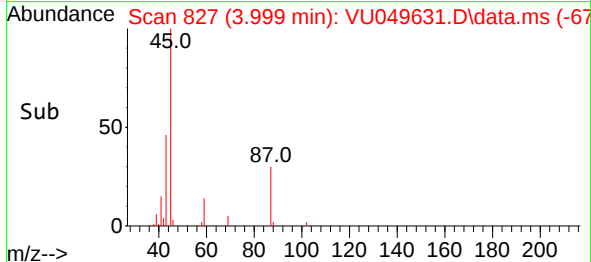
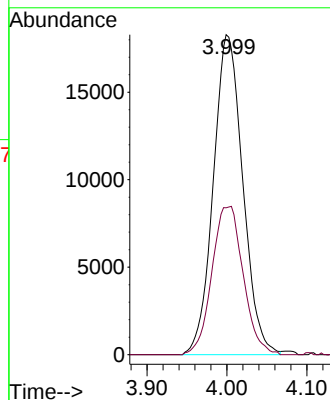
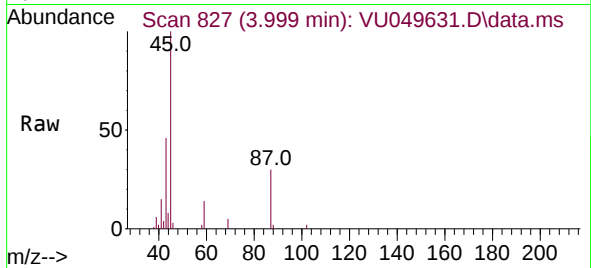




#31
Isopropyl Ether
Concen: 1.128 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

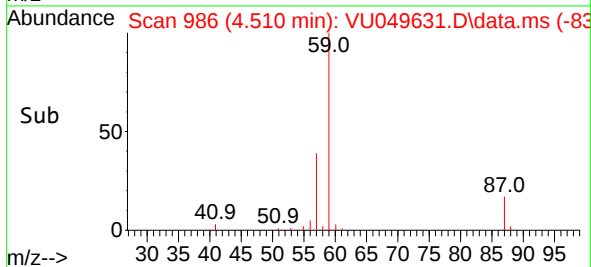
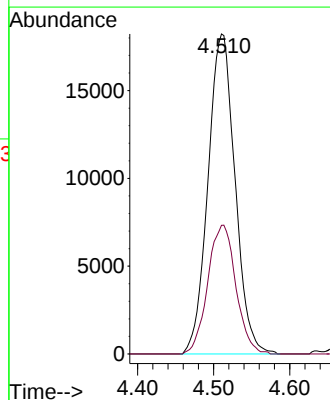
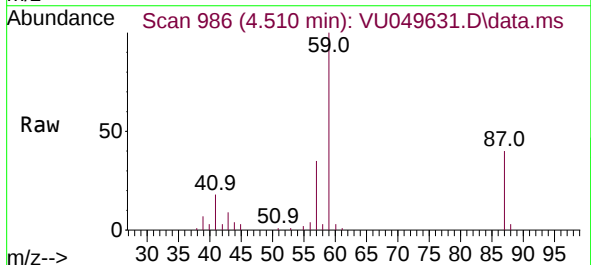
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 46842
Ion Ratio Lower Upper
45 100
43 49.2 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 1.127 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 59 Resp: 45011
Ion Ratio Lower Upper
59 100
87 41.8 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 1.099 ug/l

RT: 5.947 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

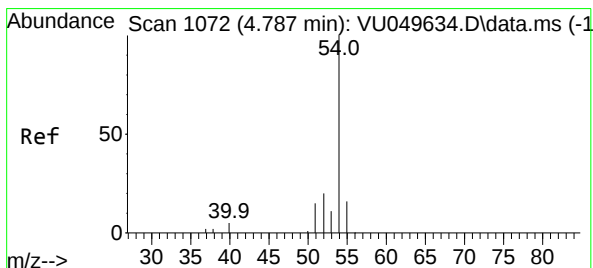
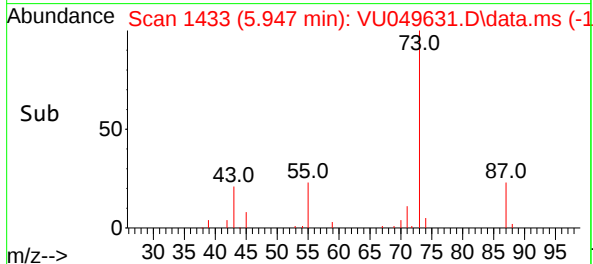
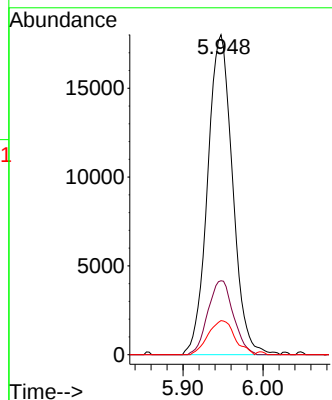
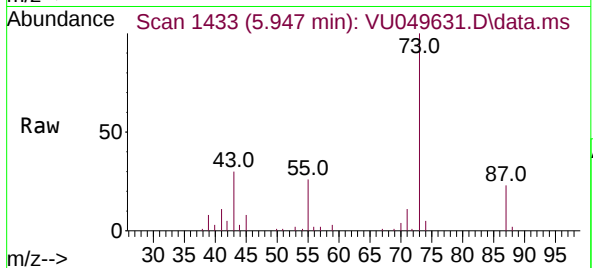
Tgt Ion: 73 Resp: 39061

Ion Ratio Lower Upper

73 100

87 23.6 19.7 29.5

71 11.4 9.0 13.4



#34

Propionitrile

Concen: 4.500 ug/l

RT: 4.793 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Tgt Ion: 54 Resp: 6151

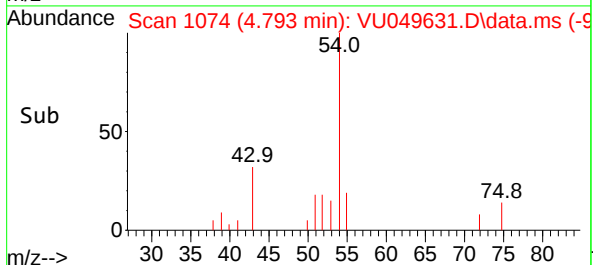
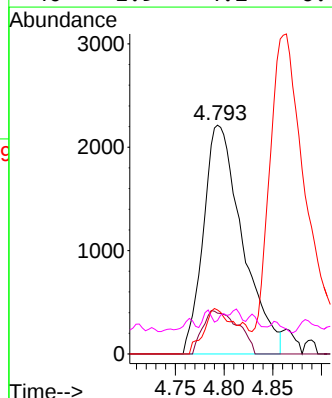
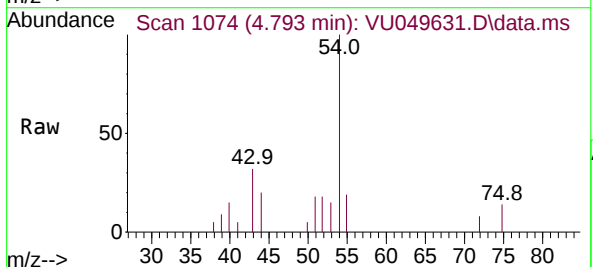
Ion Ratio Lower Upper

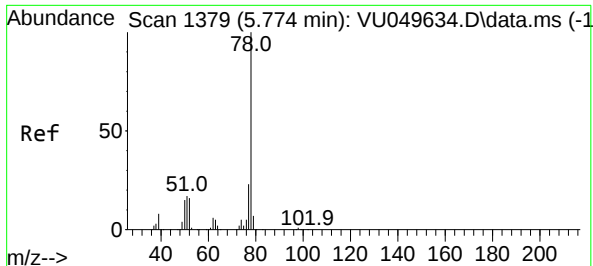
54 100

52 17.1 15.0 22.6

55 14.5 12.6 19.0

40 1.9 4.2 6.4

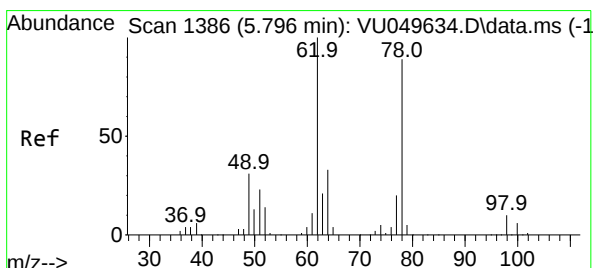
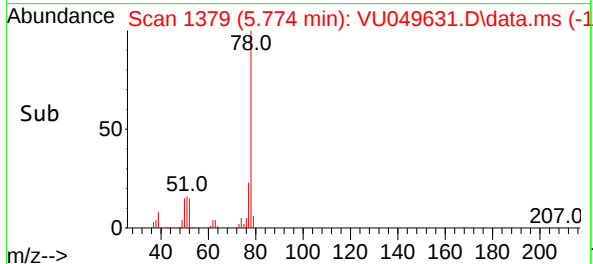
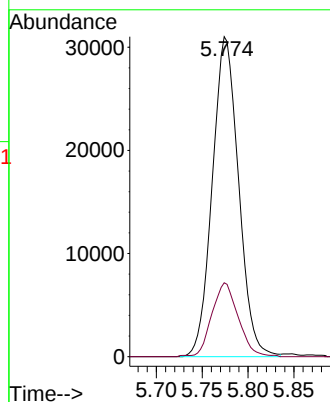
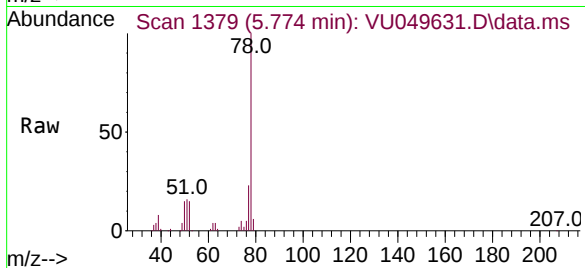




#35
Benzene
Concen: 0.948 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

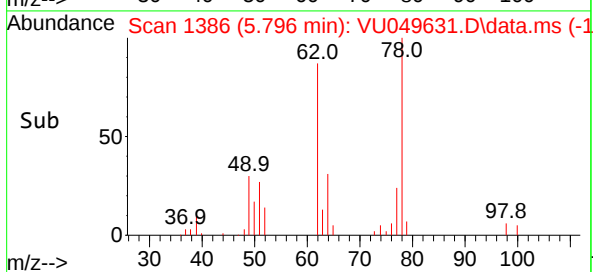
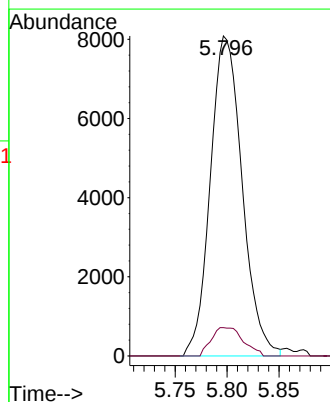
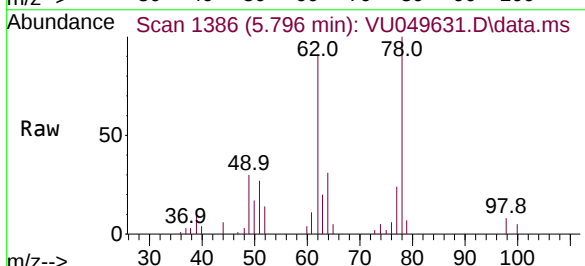
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

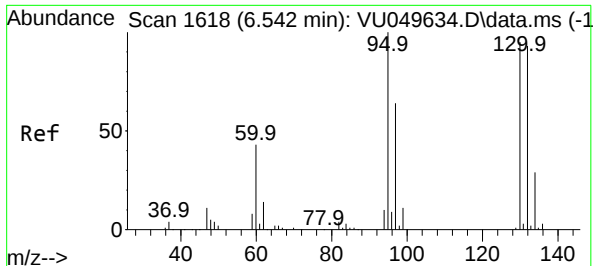
Tgt Ion: 78 Resp: 61856
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 62 Resp: 17220
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 0.853 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

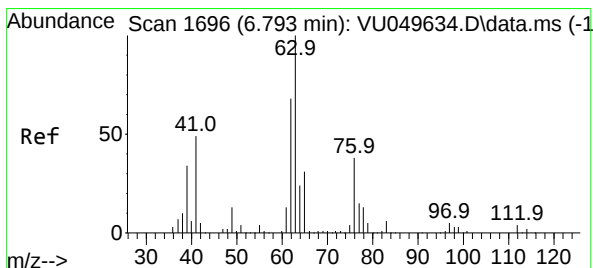
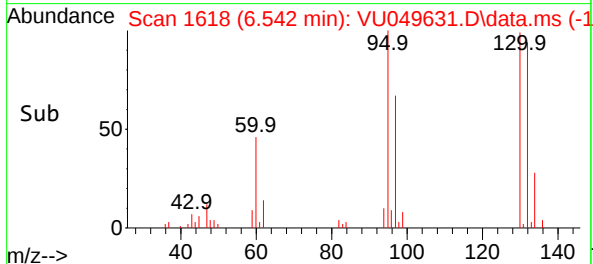
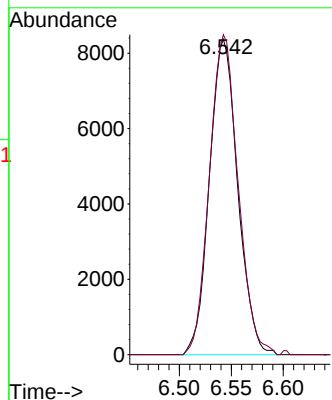
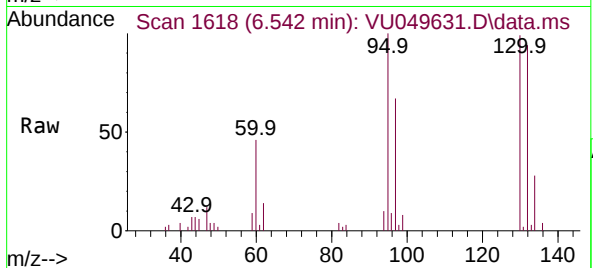
VSTDIC001

Tgt Ion:130 Resp: 15828

Ion Ratio Lower Upper

130 100

95 101.4 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.979 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049631.D

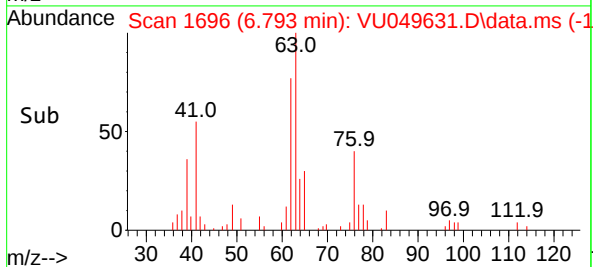
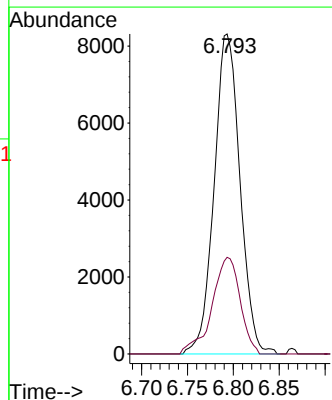
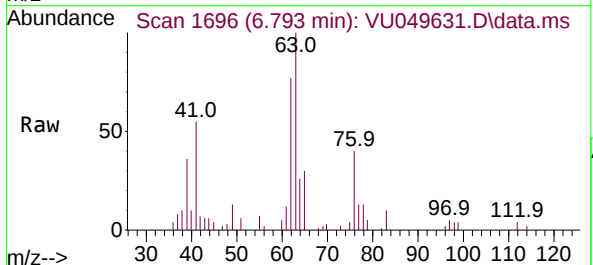
Acq: 06 Jul 2022 10:14

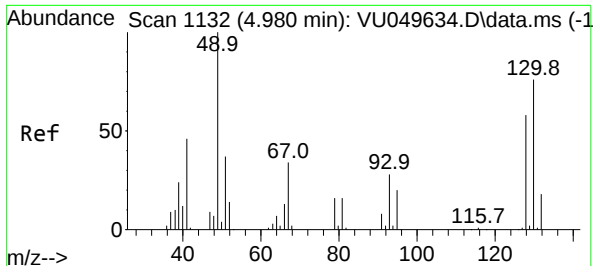
Tgt Ion: 63 Resp: 16305

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4





#39

Methacrylonitrile

Concen: 1.032 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 5152

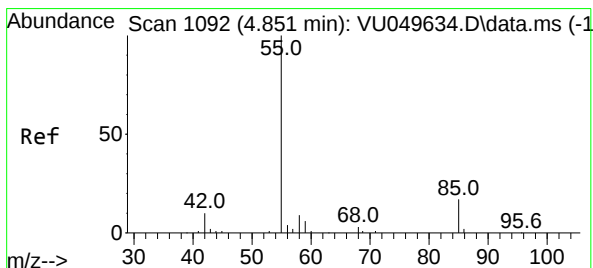
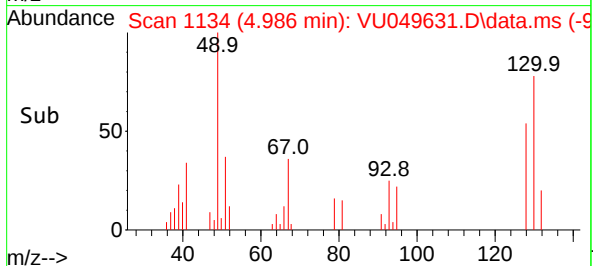
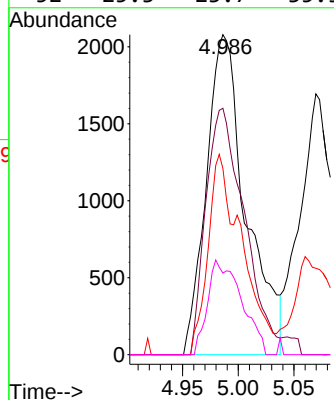
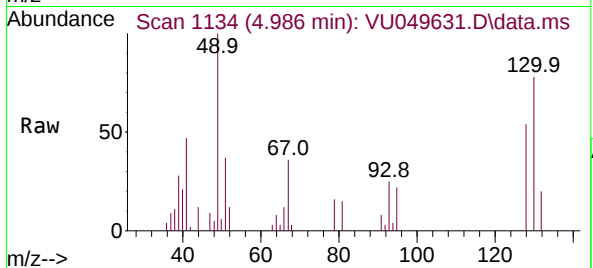
Ion Ratio Lower Upper

41 100

67 74.8 59.4 89.0

39 54.0 42.2 63.2

52 25.3 23.7 35.5



#40

Methyl acrylate

Concen: 0.914 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.013 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Tgt Ion: 55 Resp: 7394

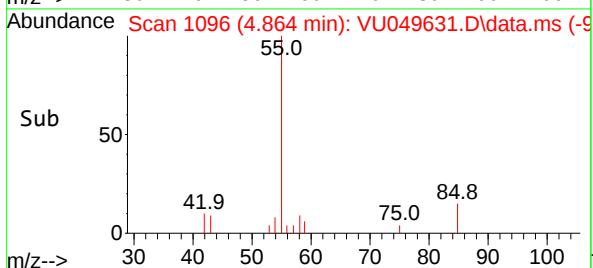
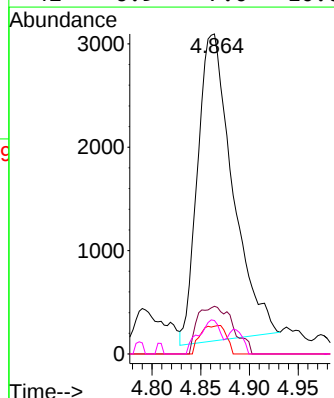
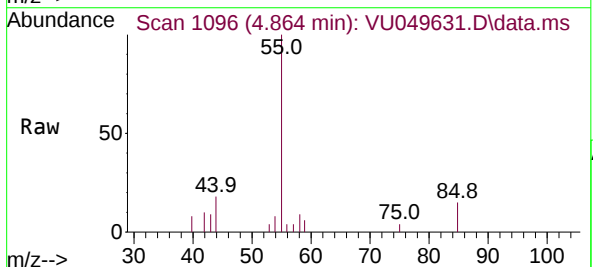
Ion Ratio Lower Upper

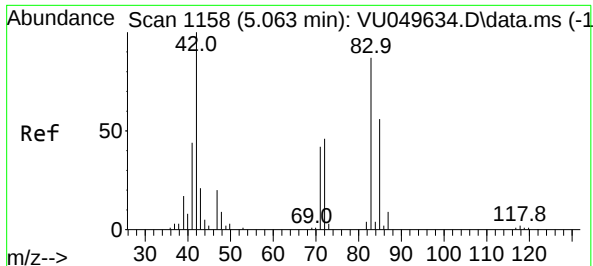
55 100

85 15.8 13.5 20.3

58 6.8 7.0 10.4#

42 6.9 7.0 10.6#





#41

Tetrahydrofuran

Concen: 2.205 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

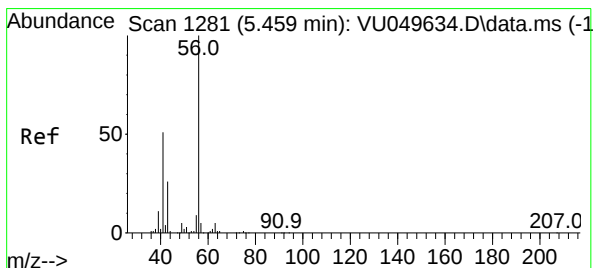
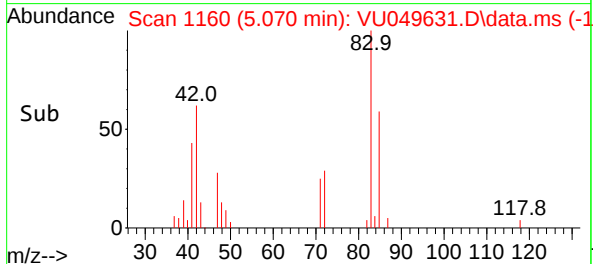
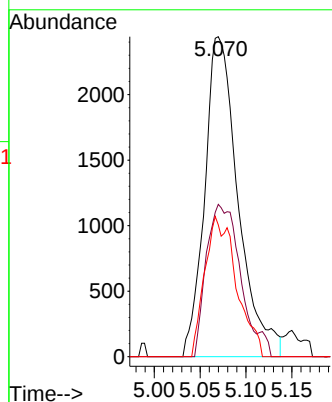
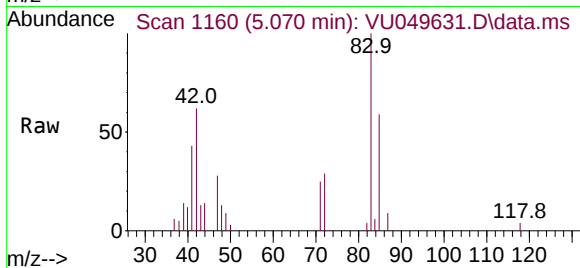
Tgt Ion: 42 Resp: 6204

Ion Ratio Lower Upper

42 100

72 48.7 38.9 58.3

71 41.3 33.7 50.5



#42

1-Chlorobutane

Concen: 1.077 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VU049631.D

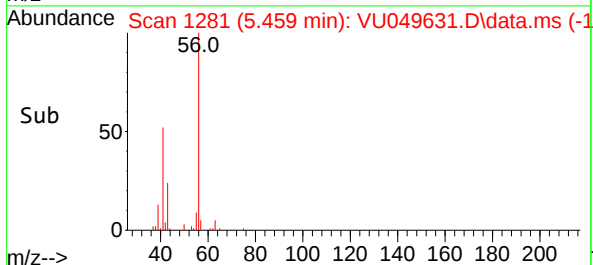
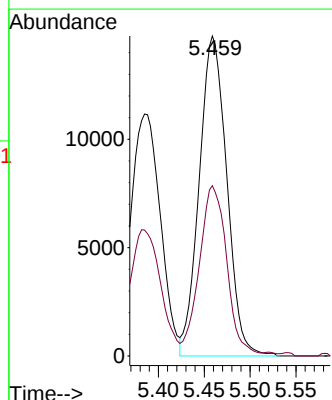
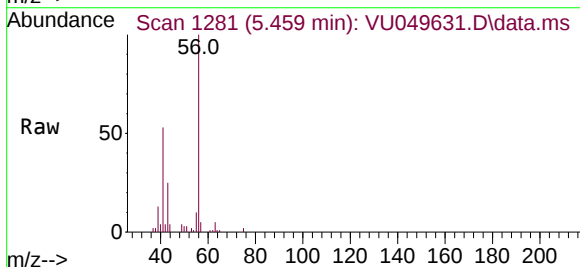
Acq: 06 Jul 2022 10:14

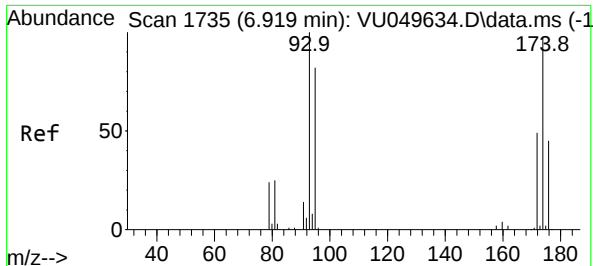
Tgt Ion: 56 Resp: 30865

Ion Ratio Lower Upper

56 100

41 51.3 26.4 79.2

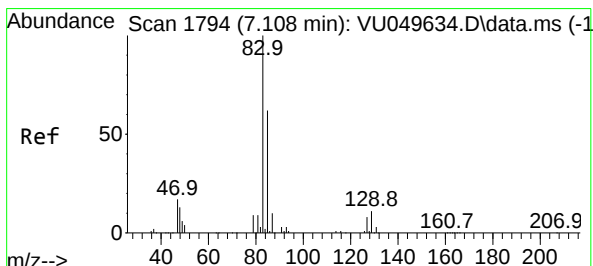
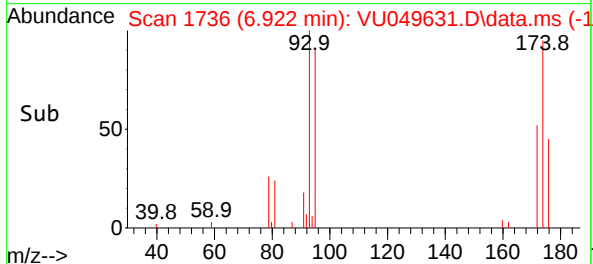
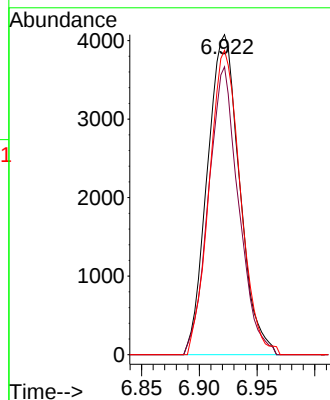
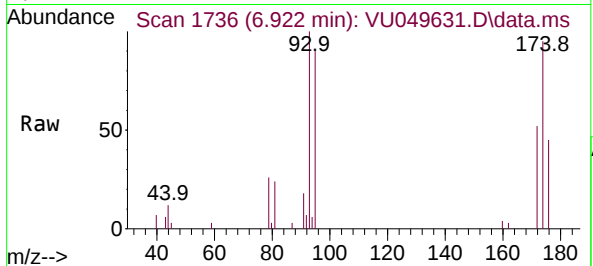




#43
Dibromomethane
Concen: 0.848 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

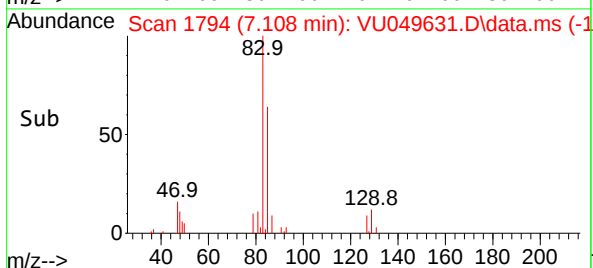
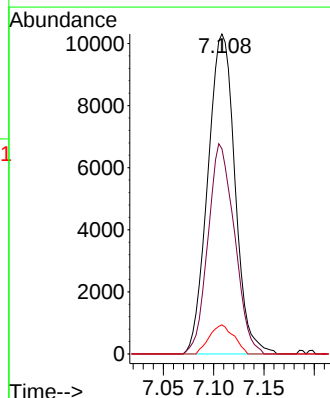
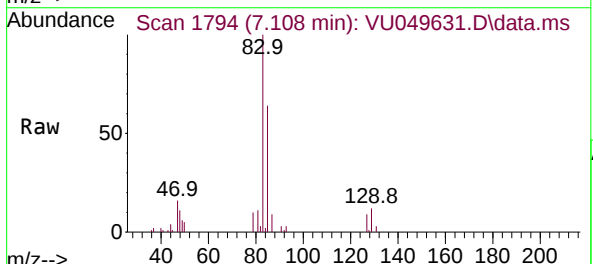
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 7923
Ion Ratio Lower Upper
93 100
95 84.0 65.0 97.6
174 91.8 76.3 114.5



#44
Bromodichloromethane
Concen: 0.888 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 83 Resp: 19358
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.0
127 10.1 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 5.149 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

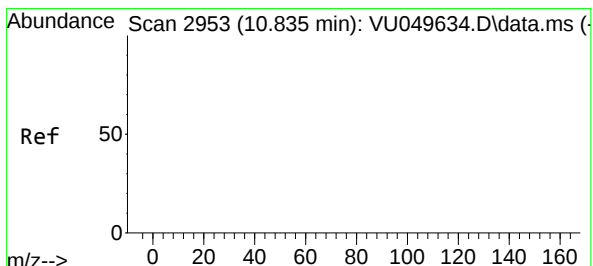
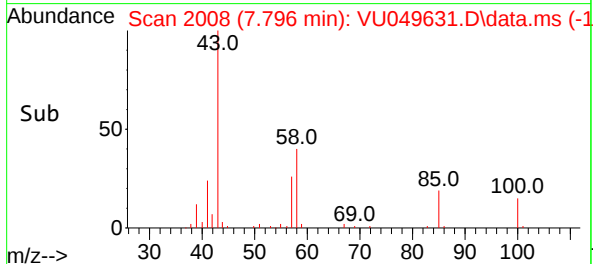
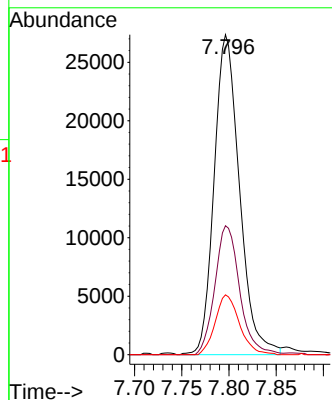
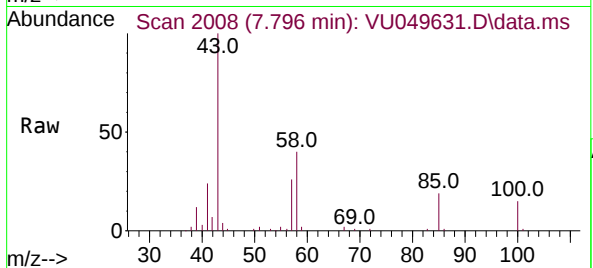
Tgt Ion: 43 Resp: 50994

Ion Ratio Lower Upper

43 100

58 39.4 20.3 61.0

85 17.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 3.774 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Tgt Ion: 75 Resp: 17026

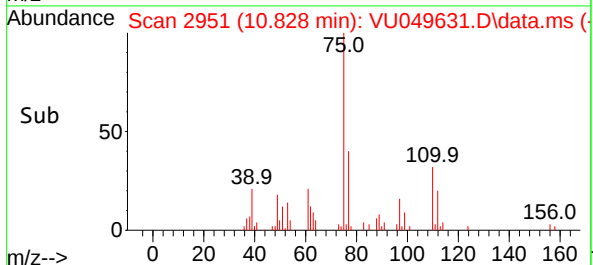
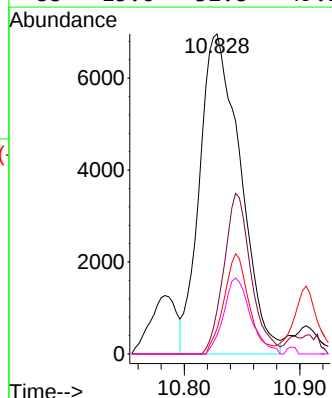
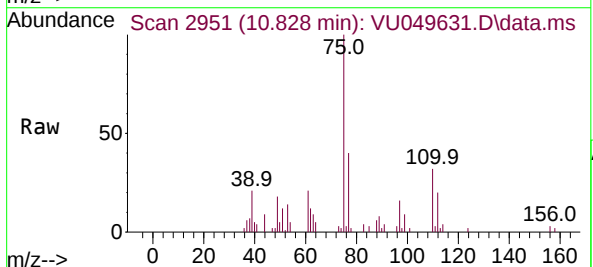
Ion Ratio Lower Upper

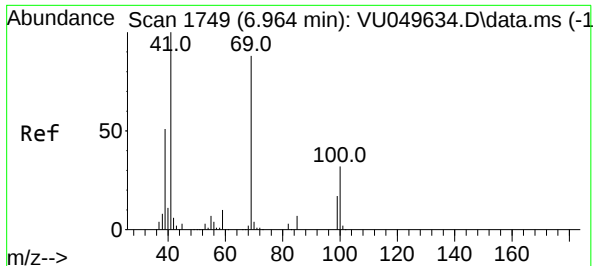
75 100

53 33.5 64.4 96.6#

89 19.3 44.2 66.2#

88 15.6 32.8 49.2#





#47

Methyl methacrylate

Concen: 2.024 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 15599

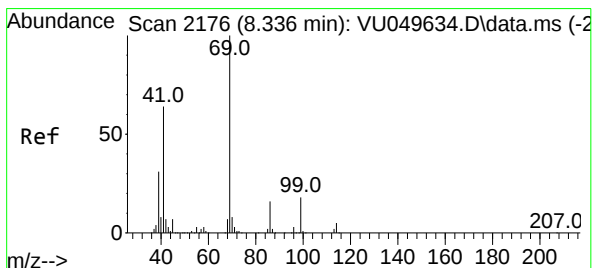
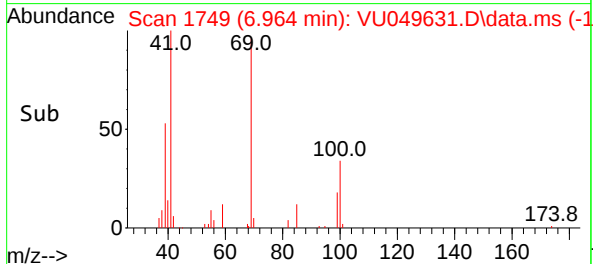
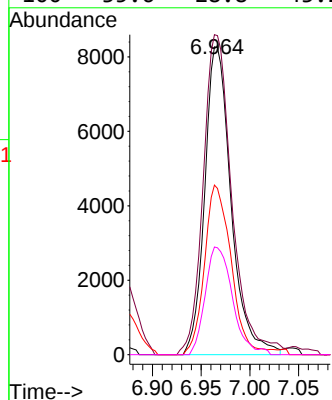
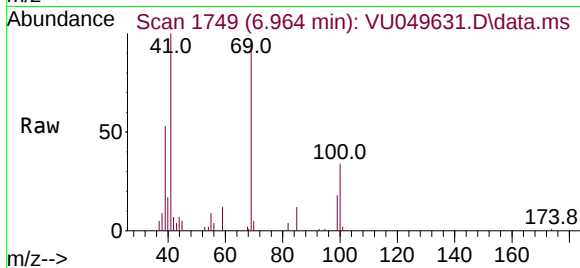
Ion Ratio Lower Upper

69 100

41 113.1 0.0 225.4

39 55.9 45.8 68.8

100 35.6 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.063 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU049631.D

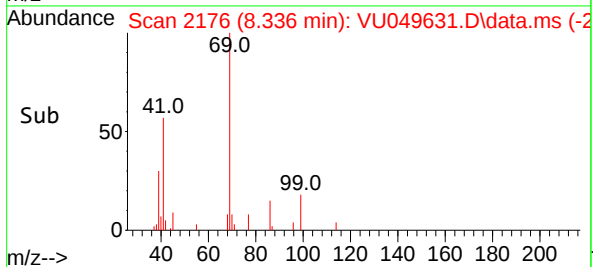
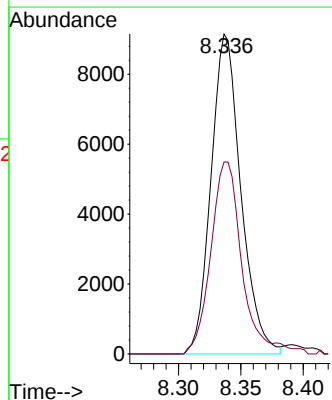
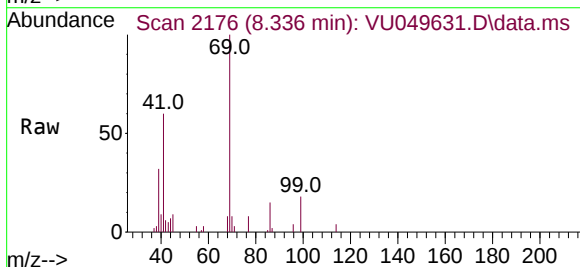
Acq: 06 Jul 2022 10:14

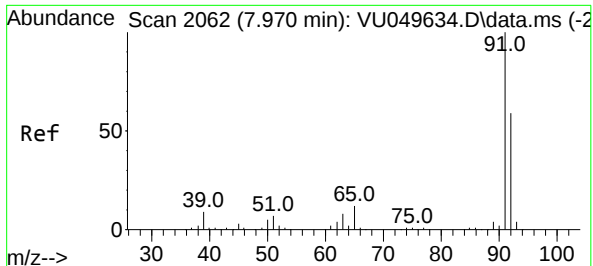
Tgt Ion: 69 Resp: 15268

Ion Ratio Lower Upper

69 100

41 62.7 32.3 96.9





#49

Toluene

Concen: 0.979 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

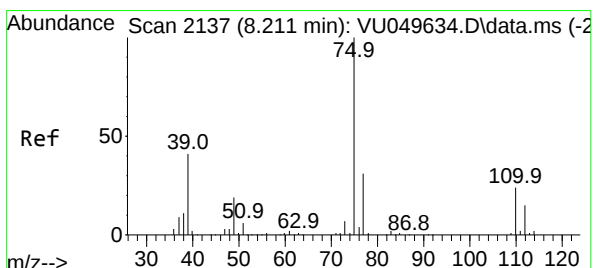
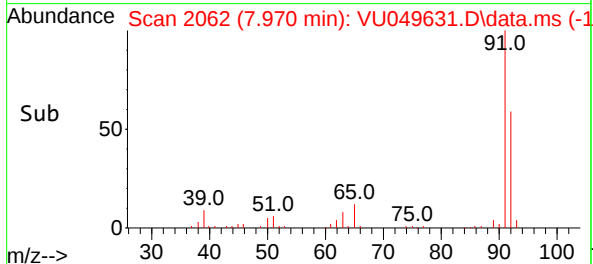
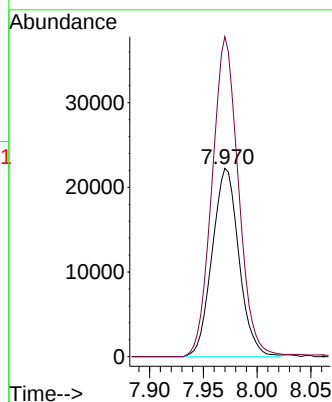
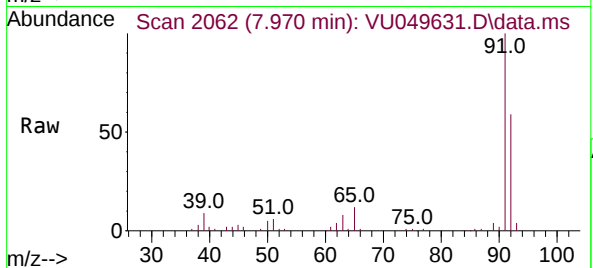
VSTDIC001

Tgt Ion: 92 Resp: 38506

Ion Ratio Lower Upper

92 100

91 168.8 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.899 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049631.D

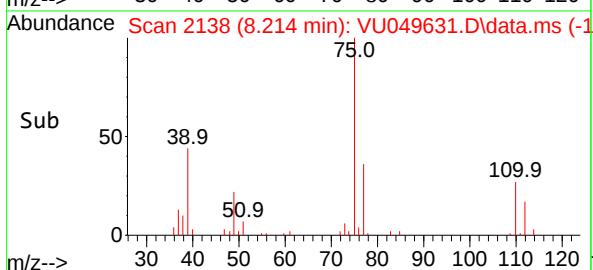
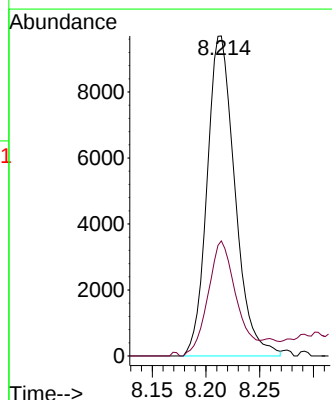
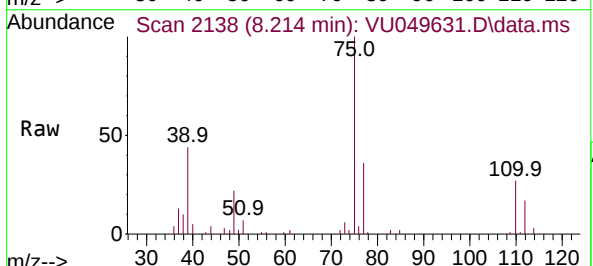
Acq: 06 Jul 2022 10:14

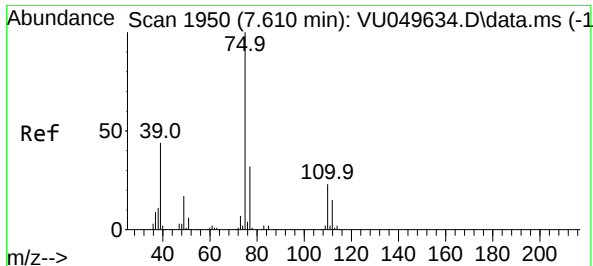
Tgt Ion: 75 Resp: 17489

Ion Ratio Lower Upper

75 100

77 35.9 24.7 37.1

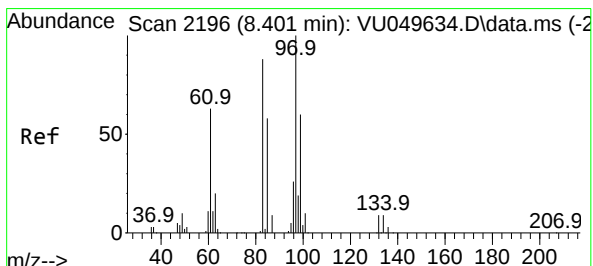
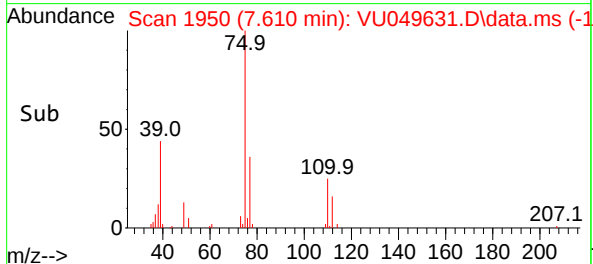
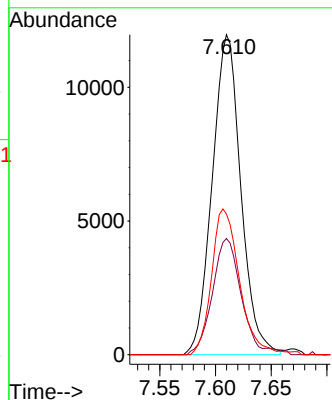
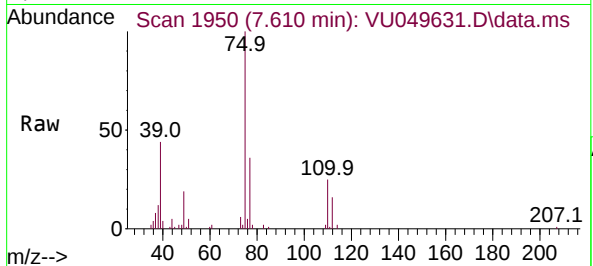




#51
 cis-1,3-Dichloropropene
 Concen: 0.947 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

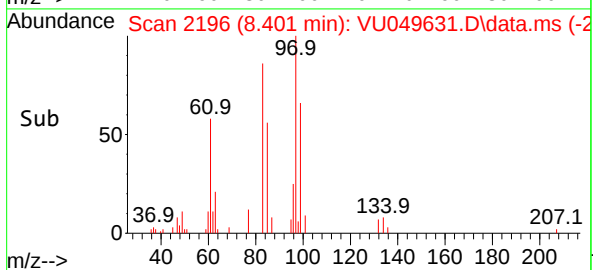
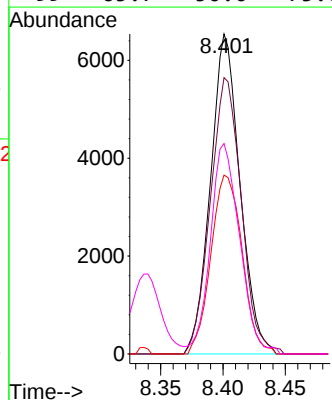
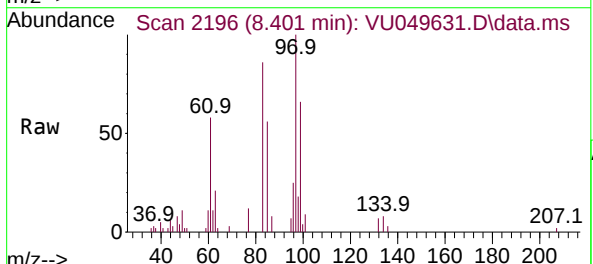
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:	75	Resp:	21355
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.4	38.0
39	44.0	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 0.820 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

Tgt Ion:	97	Resp:	10781
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.6	106.0
85	55.9	46.2	69.4
99	65.7	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.912 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

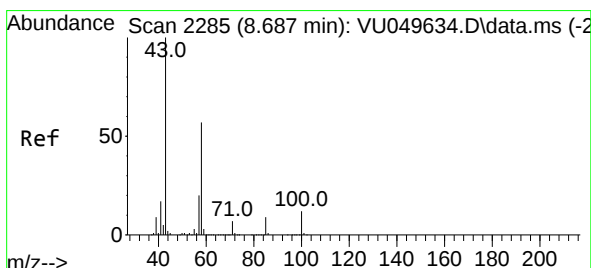
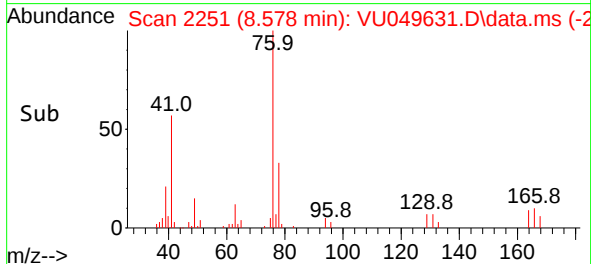
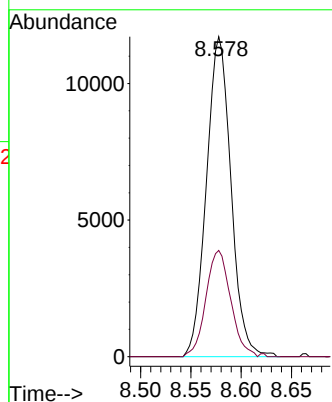
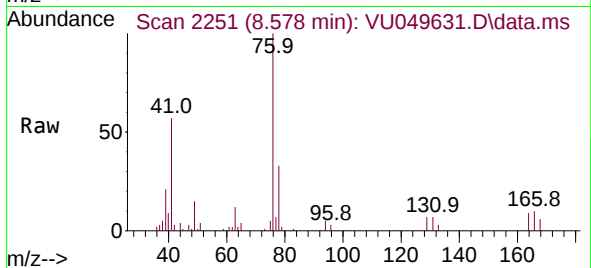
VSTDIC001

Tgt Ion: 76 Resp: 19908

Ion Ratio Lower Upper

76 100

78 33.4 26.0 39.0



#54

2-Hexanone

Concen: 5.078 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

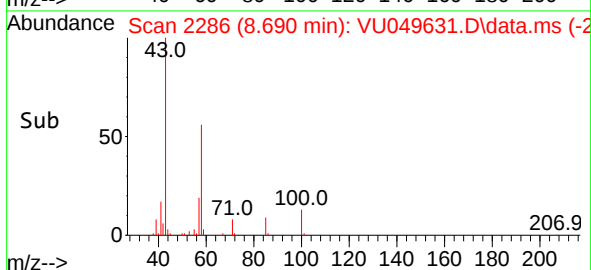
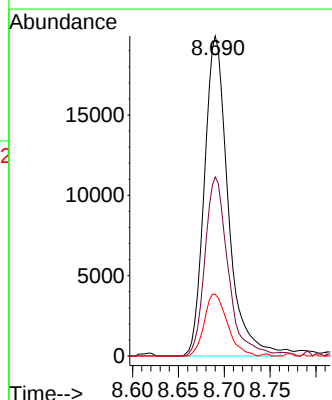
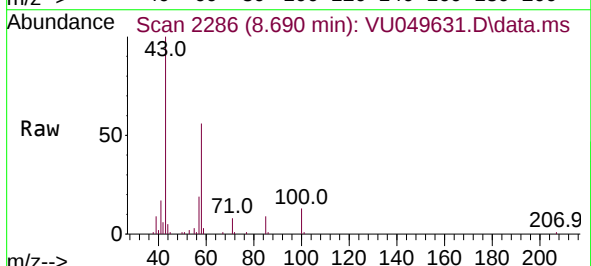
Tgt Ion: 43 Resp: 35883

Ion Ratio Lower Upper

43 100

58 54.6 37.1 77.1

57 18.7 0.0 39.5

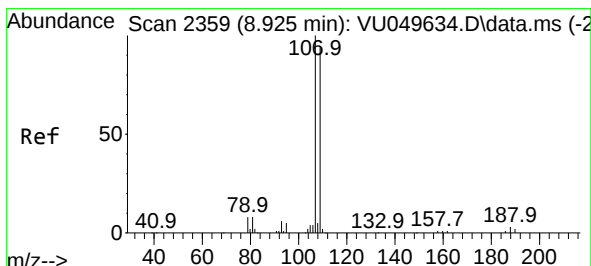
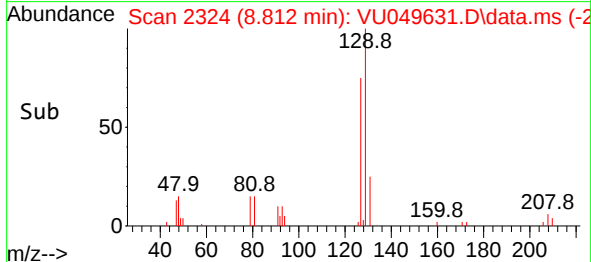
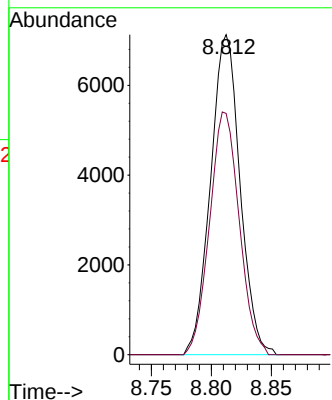
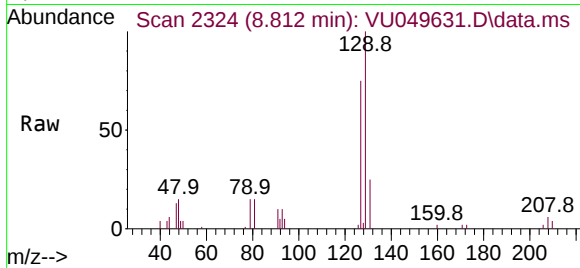




#55
Dibromochloromethane
Concen: 0.780 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

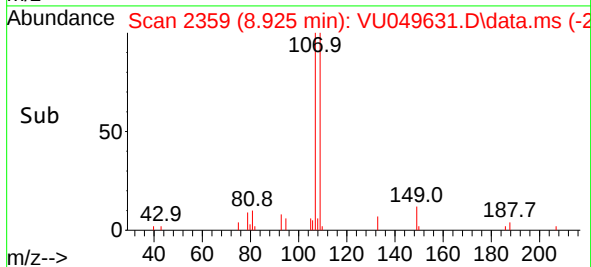
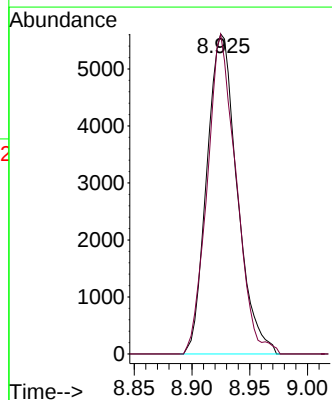
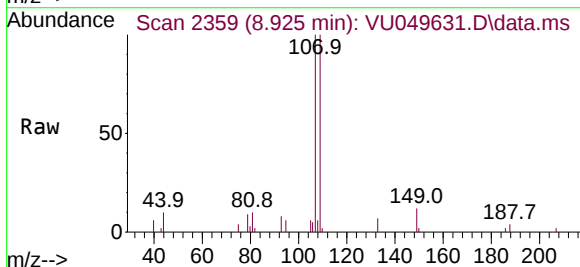
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

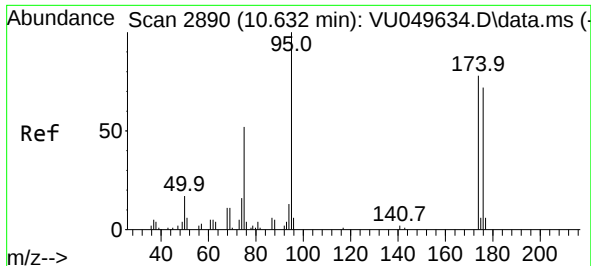
Tgt Ion:129 Resp: 12198
Ion Ratio Lower Upper
129 100
127 76.0 61.2 91.8



#56
1,2-Dibromoethane
Concen: 0.816 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:107 Resp: 10240
Ion Ratio Lower Upper
107 100
109 95.3 0.0 187.2

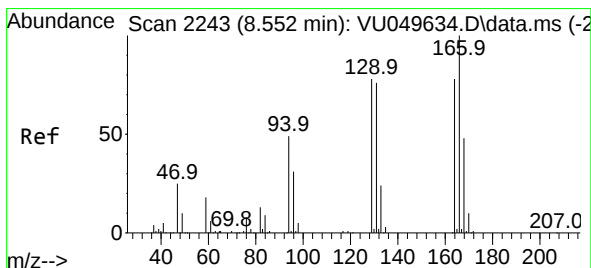
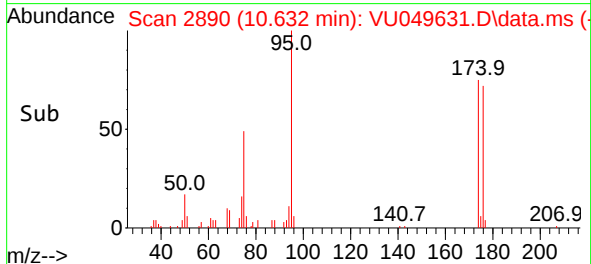
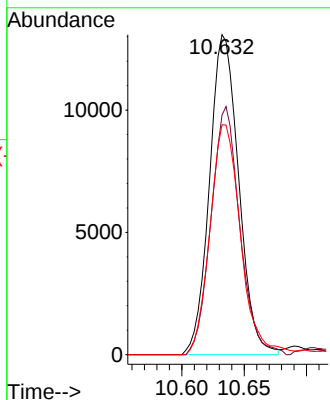
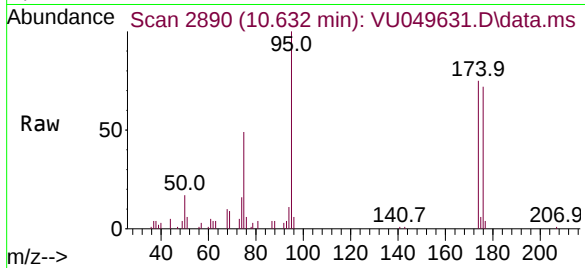




#57
4-Bromofluorobenzene
Concen: 1.008 ug/l
RT: 10.632 min Scan# 21348
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

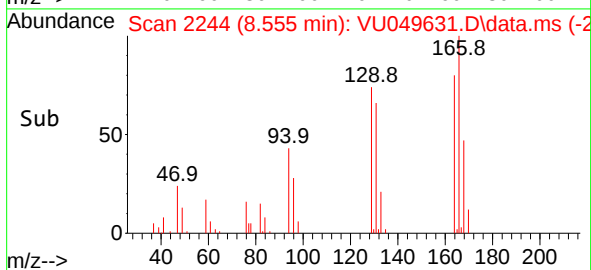
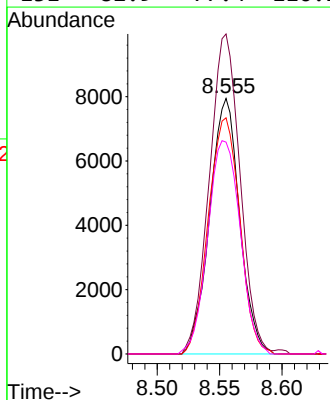
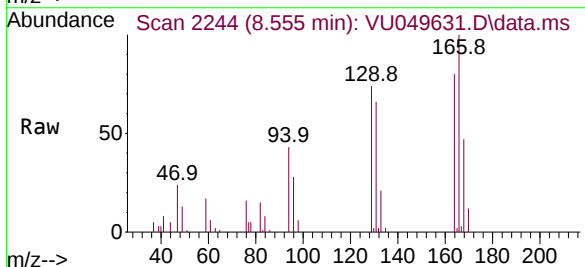
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

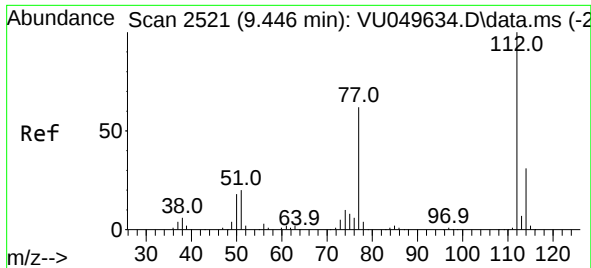
Tgt Ion:	95	Resp:	21348
Ion	Ratio	Lower	Upper
95	100		
174	76.3	62.4	93.6
176	75.4	56.2	84.2



#58
Tetrachloroethene
Concen: 0.808 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:	164	Resp:	13273
Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.4	153.6
129	92.4	79.5	119.3
131	82.9	77.4	116.2

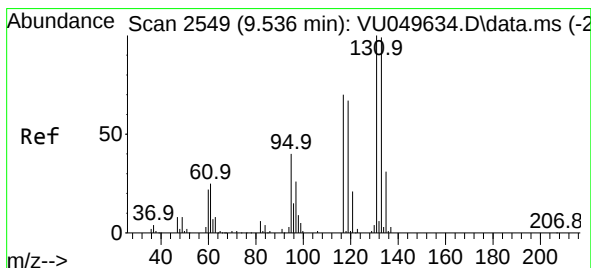
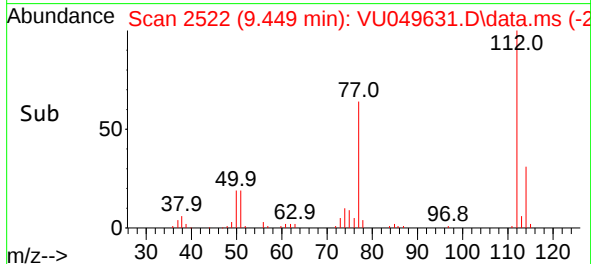
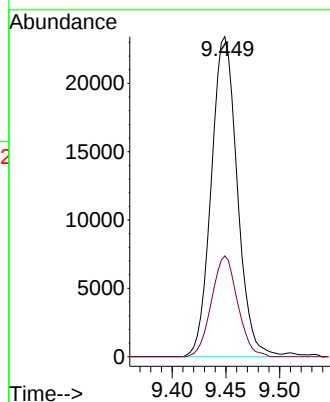
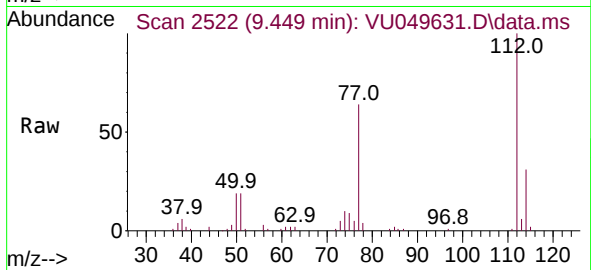




#59
Chlorobenzene
Concen: 0.862 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

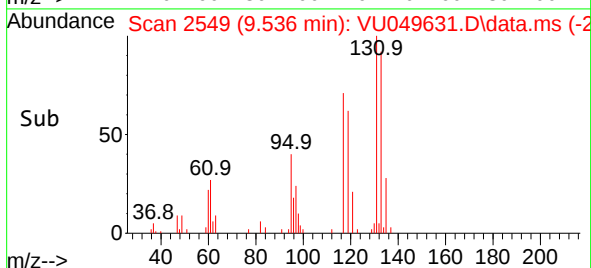
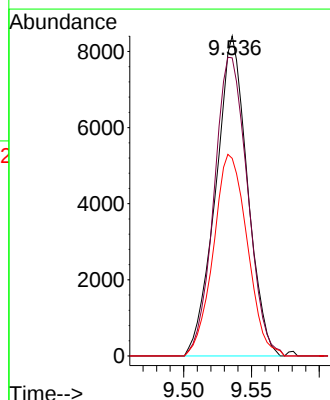
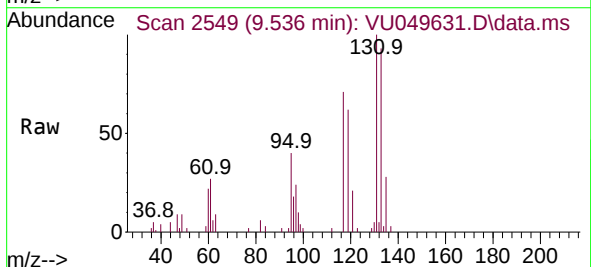
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

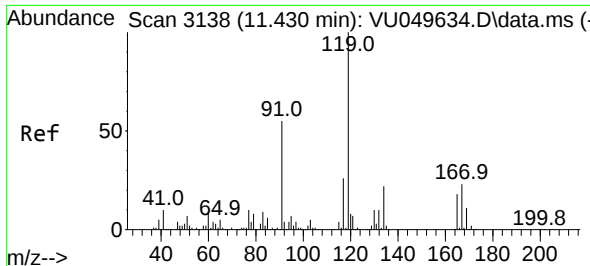
Tgt Ion:112 Resp: 39373
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.843 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:131 Resp: 13685
Ion Ratio Lower Upper
131 100
133 98.4 78.3 117.5
119 67.0 53.2 79.8

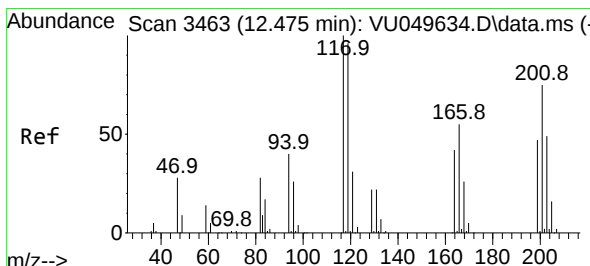
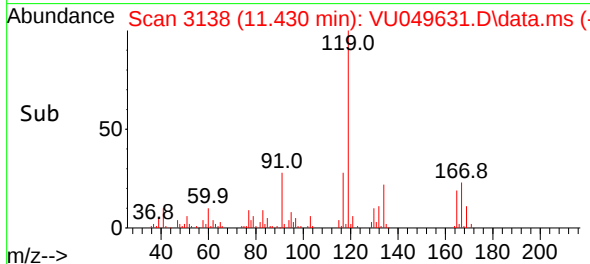
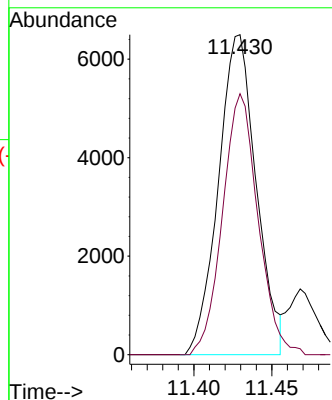
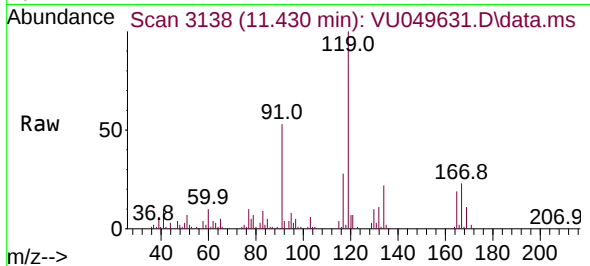




#61
 Pentachloroethane
 Concen: 0.817 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

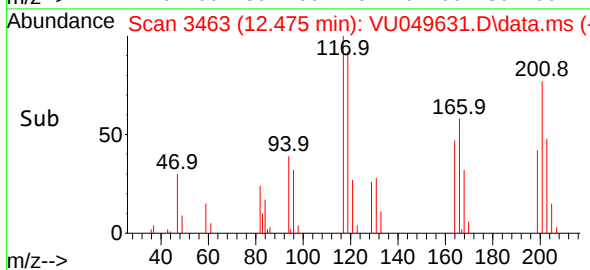
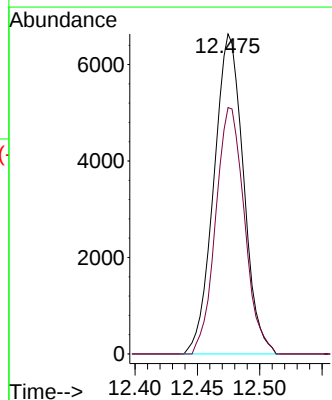
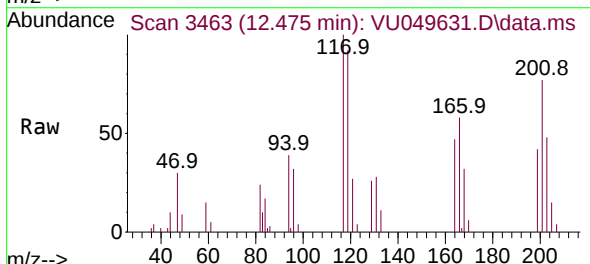
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

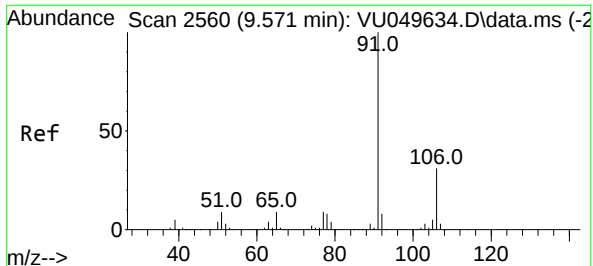
Tgt Ion:117 Resp: 10972
 Ion Ratio Lower Upper
 117 100
 167 76.4 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.884 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

Tgt Ion:117 Resp: 10951
 Ion Ratio Lower Upper
 117 100
 201 75.0 61.0 91.4

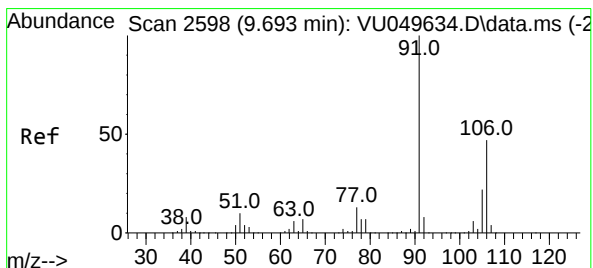
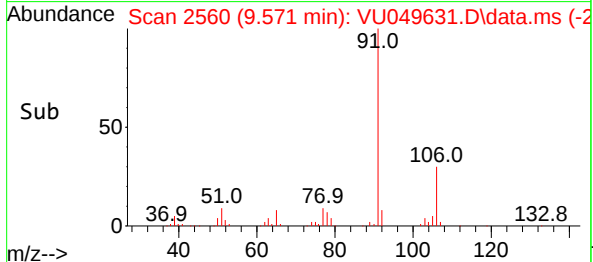
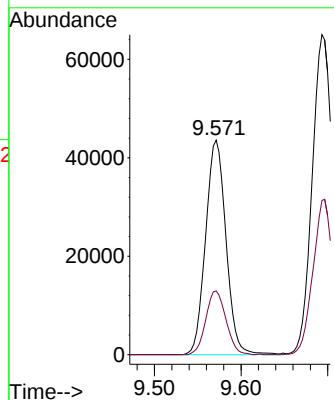
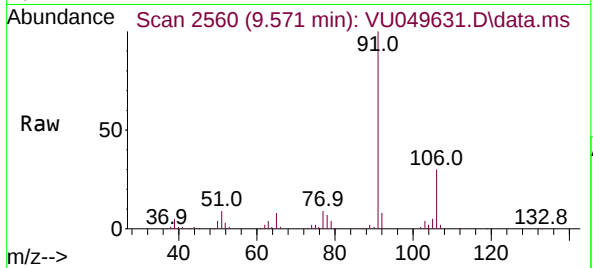




#63
Ethyl Benzene
Concen: 0.995 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

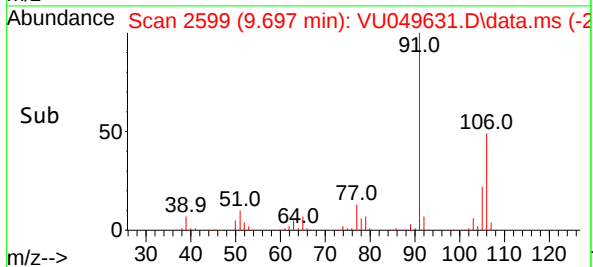
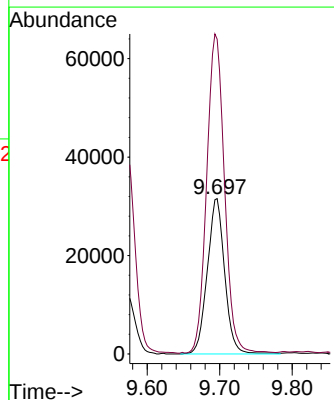
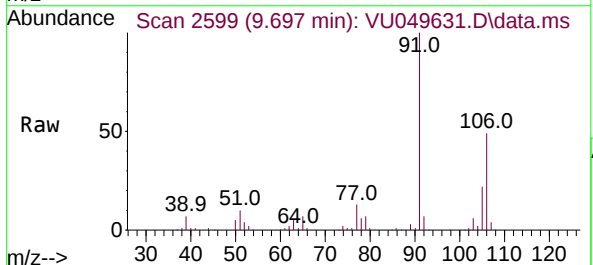
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

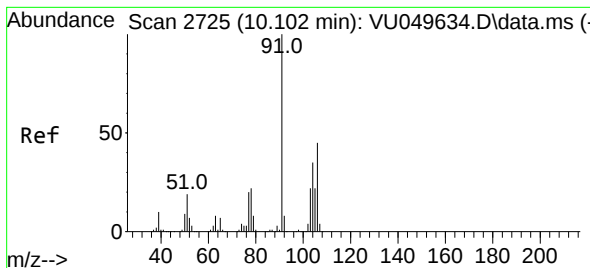
Tgt Ion: 91 Resp: 71374
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#64
m/p-Xylenes
Concen: 1.868 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 106 Resp: 52571
Ion Ratio Lower Upper
106 100
91 209.7 167.8 251.6





#65

o-Xylene

Concen: 0.930 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

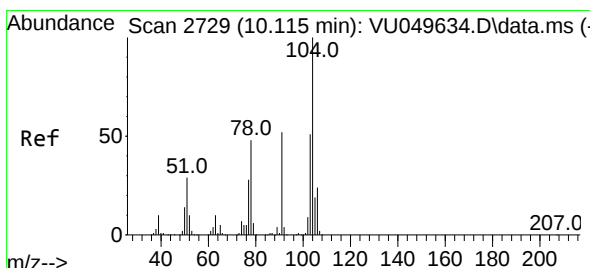
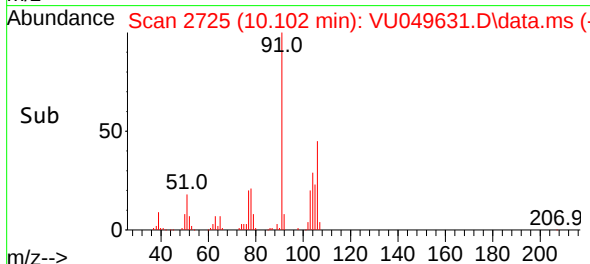
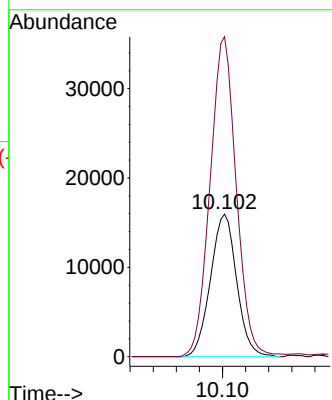
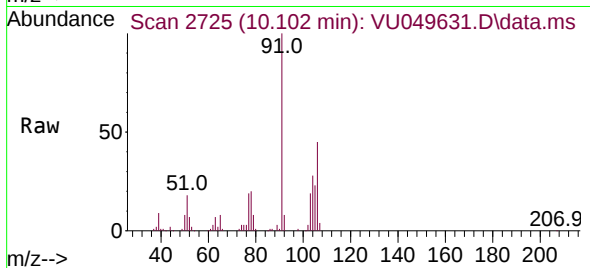
VSTDIC001

Tgt Ion:106 Resp: 25115

Ion Ratio Lower Upper

106 100

91 224.6 111.1 333.2



#66

Styrene

Concen: 0.893 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

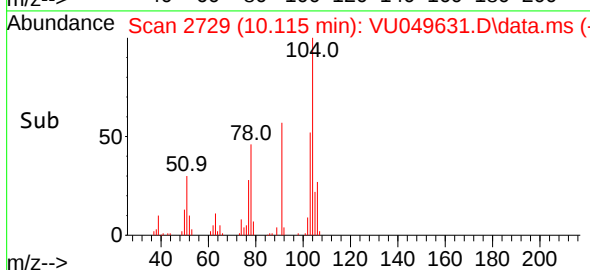
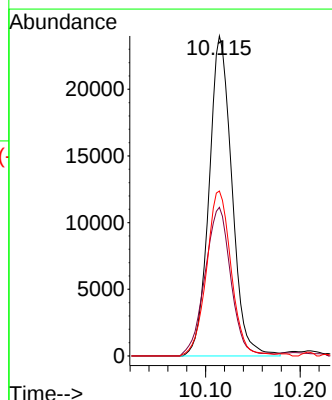
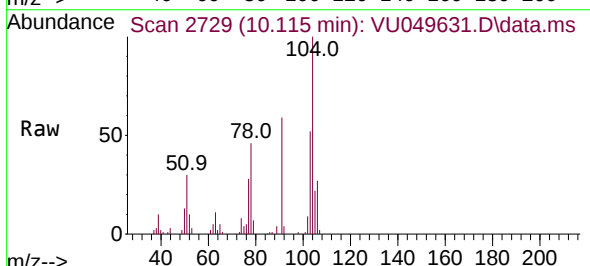
Tgt Ion:104 Resp: 40358

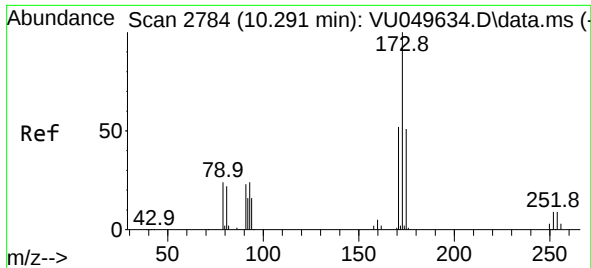
Ion Ratio Lower Upper

104 100

78 52.2 42.1 63.1

103 55.5 44.5 66.7

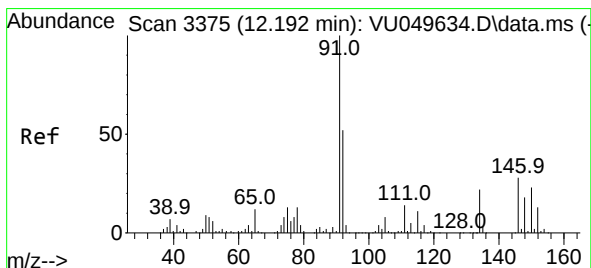
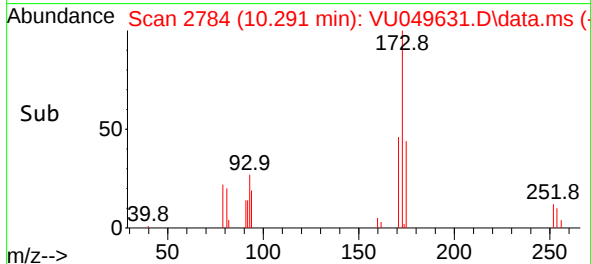
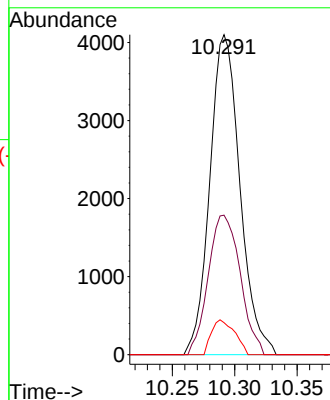
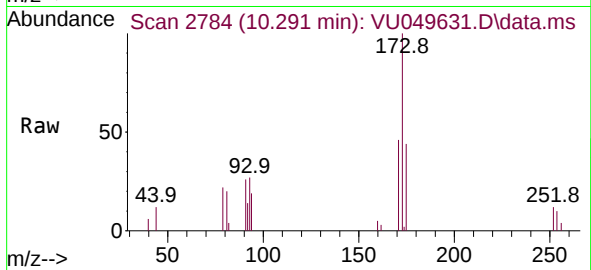




#67
Bromoform
Concen: 0.707 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

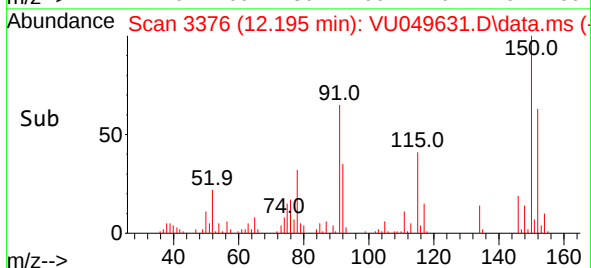
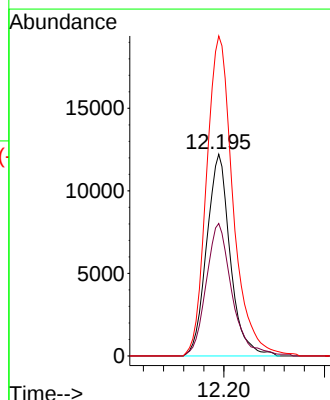
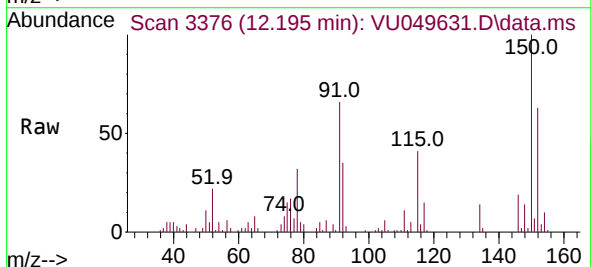
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

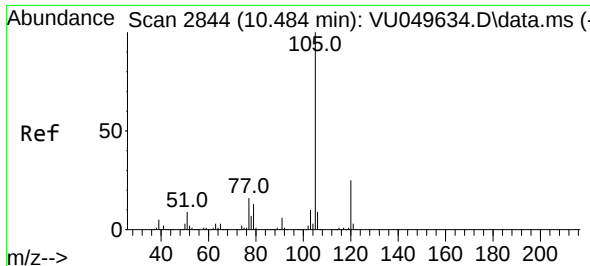
Tgt Ion:173 Resp: 6902
Ion Ratio Lower Upper
173 100
175 46.1 38.4 57.6
254 8.4 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.803 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:152 Resp: 19887
Ion Ratio Lower Upper
152 100
115 72.0 0.0 254.6
150 178.3 0.0 623.6

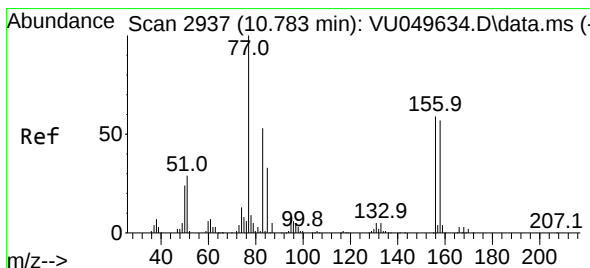
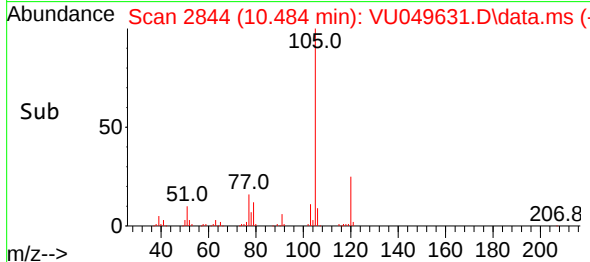
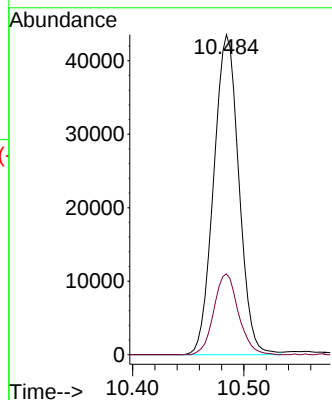
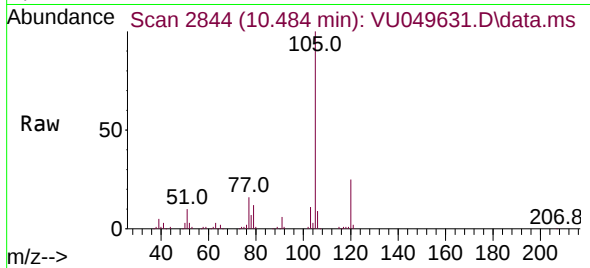




#69
Isopropylbenzene
Concen: 0.965 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

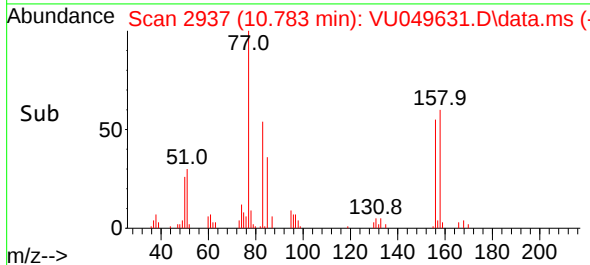
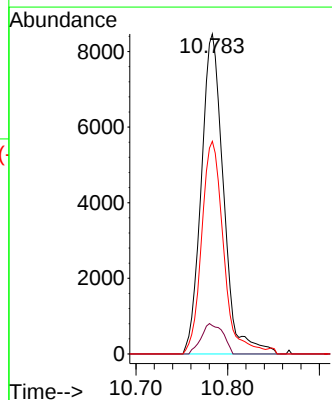
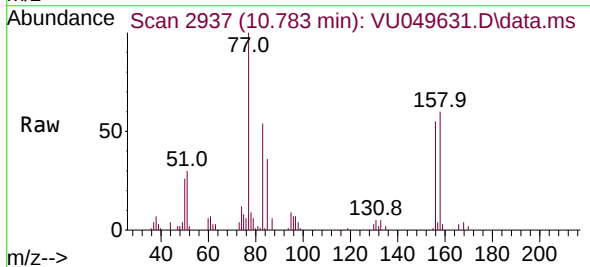
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

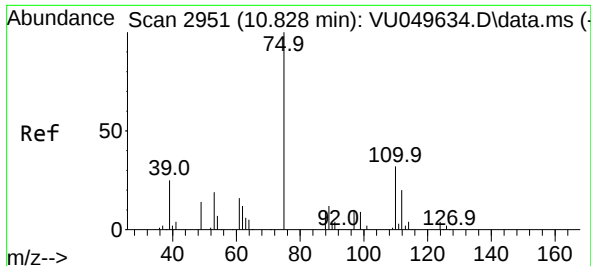
Tgt Ion:105 Resp: 68437
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.844 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 83 Resp: 14256
Ion Ratio Lower Upper
83 100
131 9.3 7.7 11.5
85 65.3 51.2 76.8

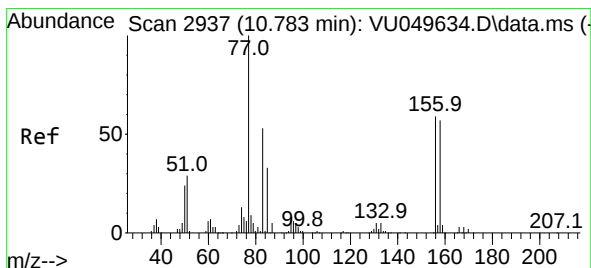
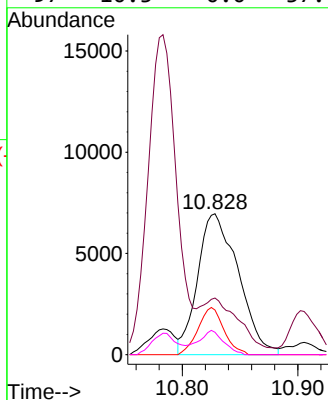
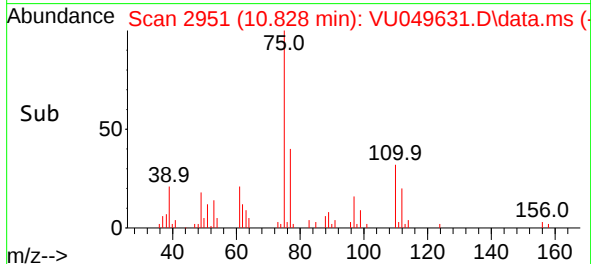
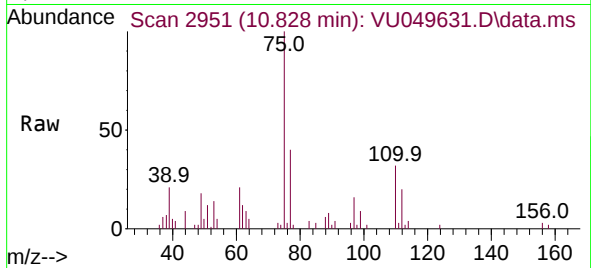




#71
1,2,3-Trichloropropane
Concen: 1.308 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

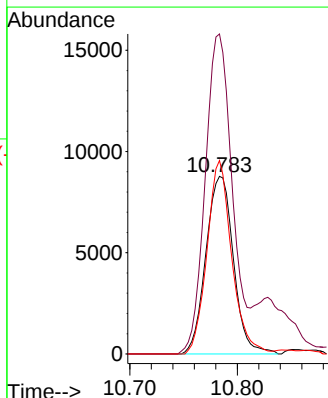
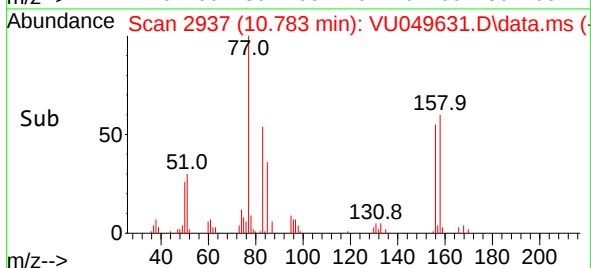
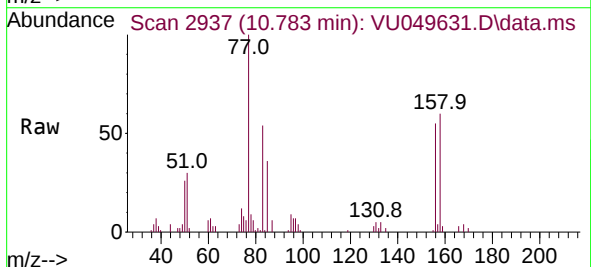
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

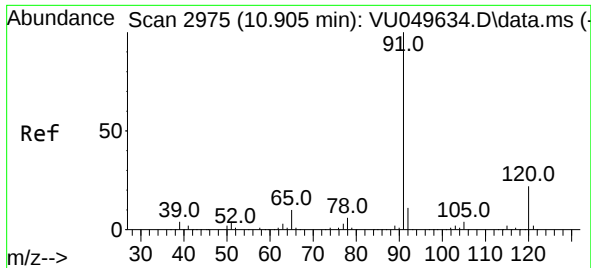
Tgt Ion: 75	Resp:	17026	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	112.4
110	21.3	0.0	70.6
97	10.3	0.0	37.4



#72
Bromobenzene
Concen: 0.758 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:156	Resp:	15637	
Ion	Ratio	Lower	Upper
156	100		
77	176.9	0.0	344.4
158	97.9	0.0	192.2

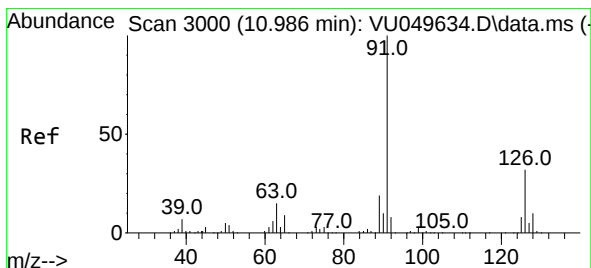
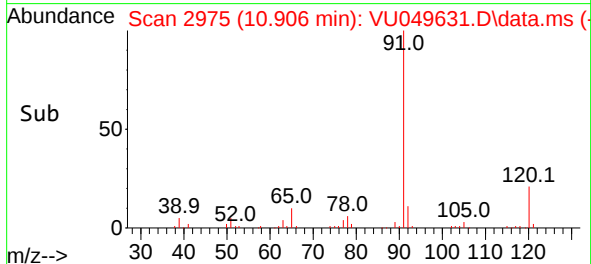
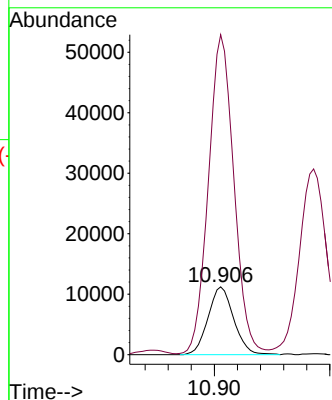
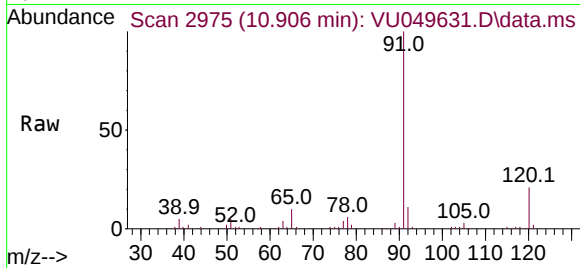




#73
n-propylbenzene
Concen: 0.872 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

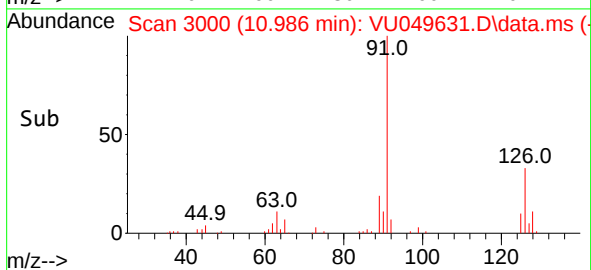
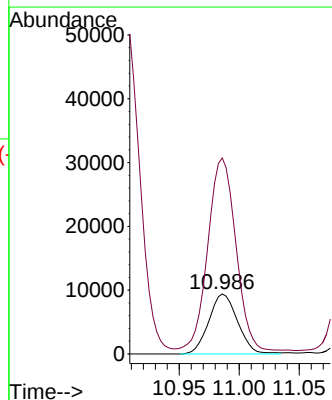
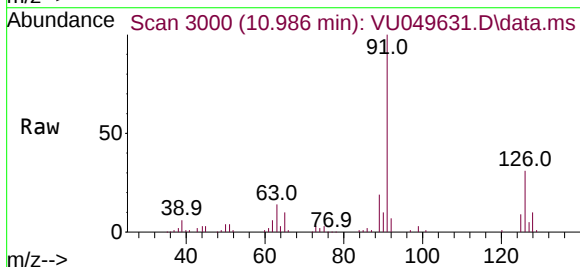
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

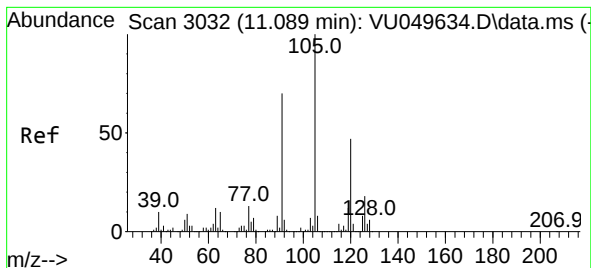
Tgt Ion:120 Resp: 17301
Ion Ratio Lower Upper
120 100
91 465.8 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.839 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:126 Resp: 15687
Ion Ratio Lower Upper
126 100
91 315.8 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.950 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

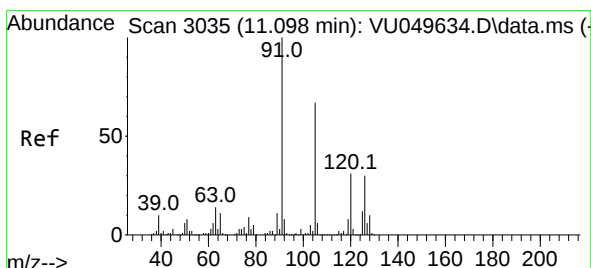
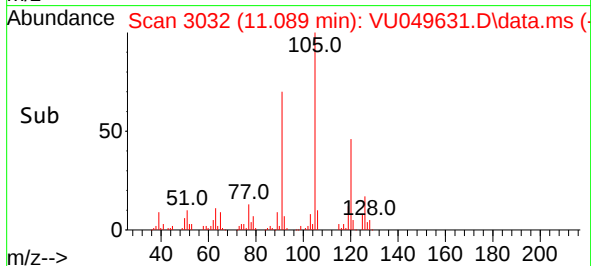
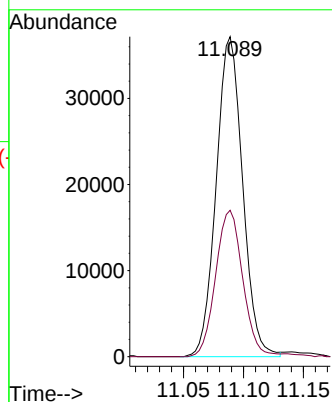
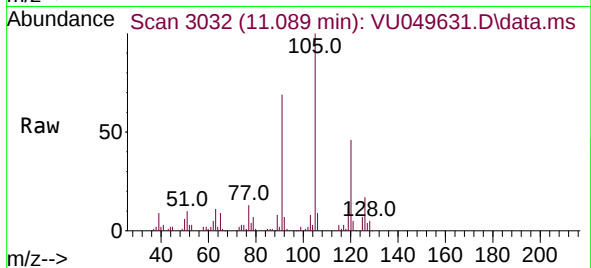
VSTDIC001

Tgt Ion:105 Resp: 56952

Ion Ratio Lower Upper

105 100

120 47.5 37.6 56.4



#76

4-Chlorotoluene

Concen: 0.791 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU049631.D

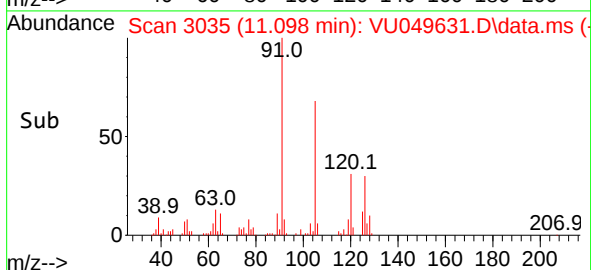
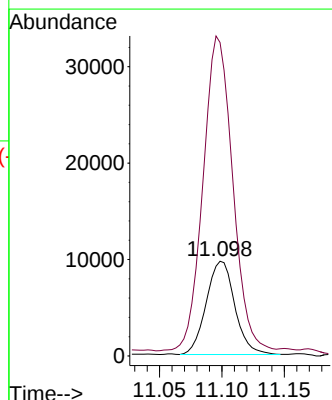
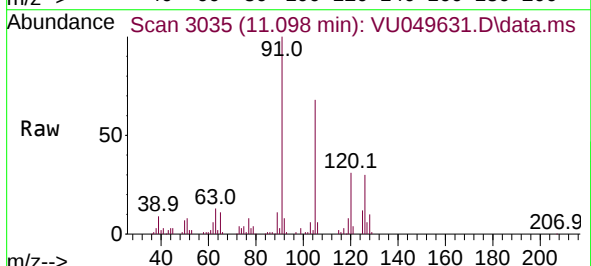
Acq: 06 Jul 2022 10:14

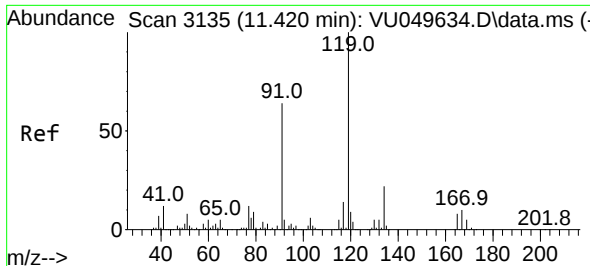
Tgt Ion:126 Resp: 15442

Ion Ratio Lower Upper

126 100

91 347.9 0.0 738.8

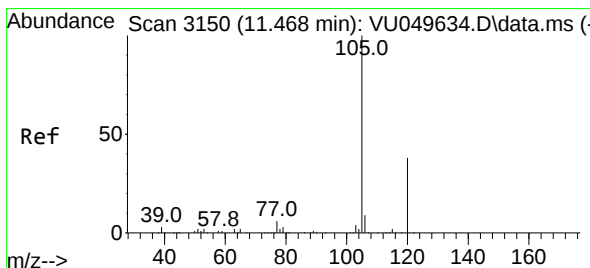
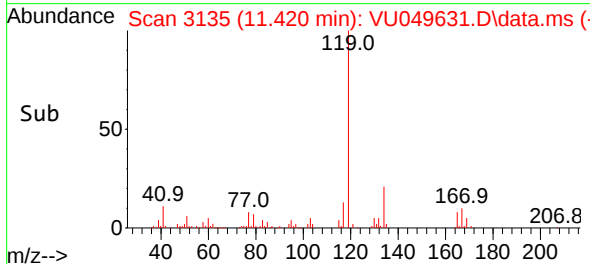
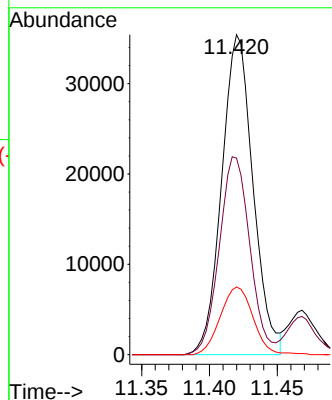
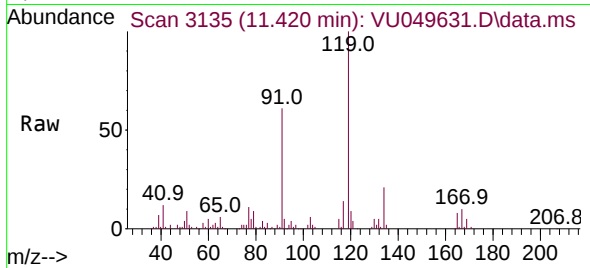




#77
tert-Butylbenzene
Concen: 0.941 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

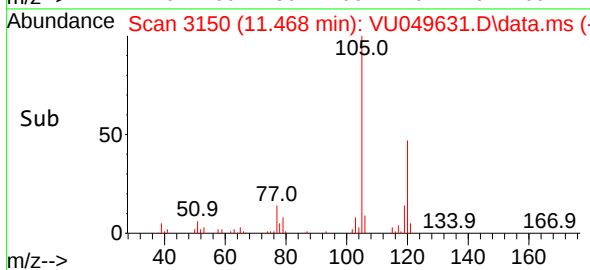
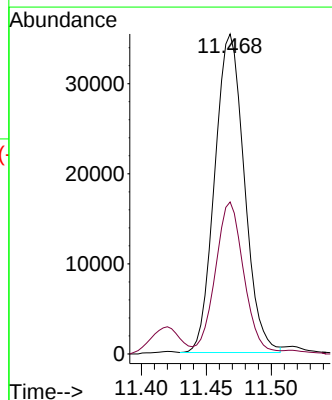
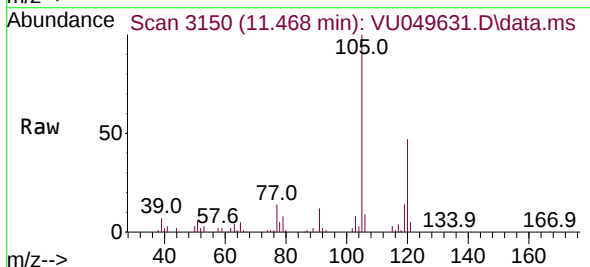
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

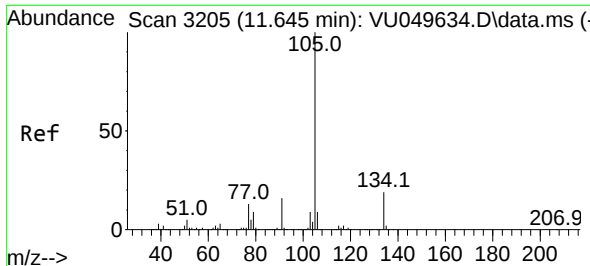
Tgt Ion:119 Resp: 56953
Ion Ratio Lower Upper
119 100
91 60.7 30.4 91.3
134 22.2 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.913 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:105 Resp: 55938
Ion Ratio Lower Upper
105 100
120 44.2 21.6 65.0

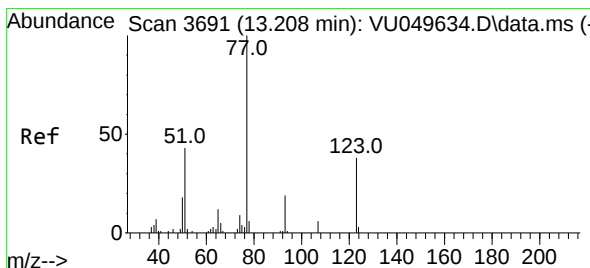
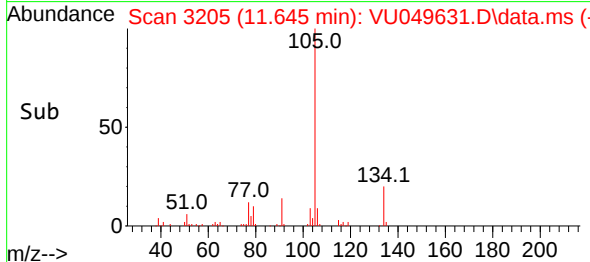
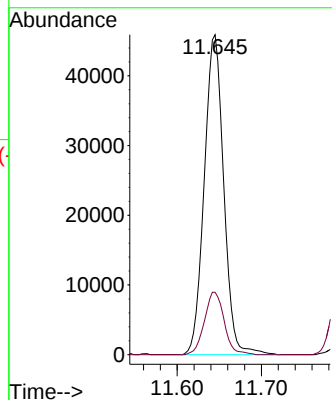
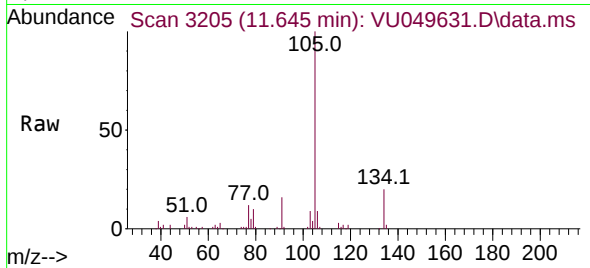




#79
 sec-Butylbenzene
 Concen: 0.931 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

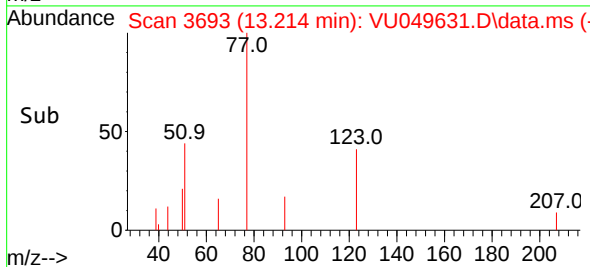
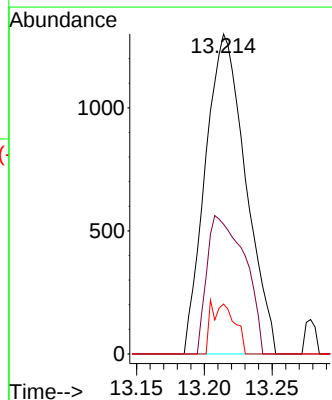
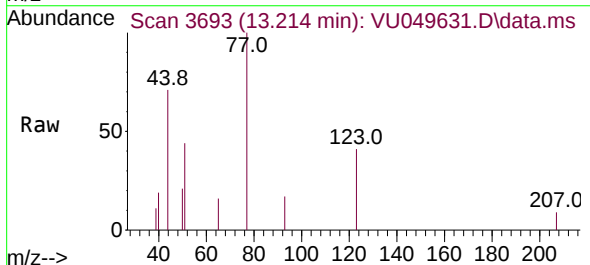
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

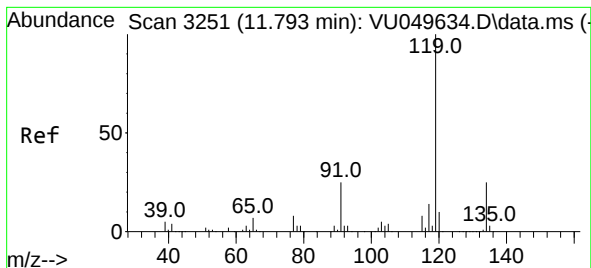
Tgt Ion:105 Resp: 73841
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 4.144 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU049631.D
 Acq: 06 Jul 2022 10:14

Tgt Ion: 77 Resp: 2684
 Ion Ratio Lower Upper
 77 100
 123 40.4 18.1 64.3
 65 9.3 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 0.905 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

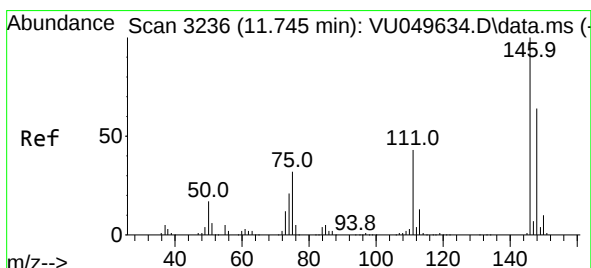
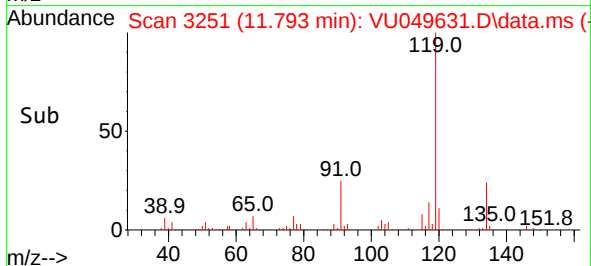
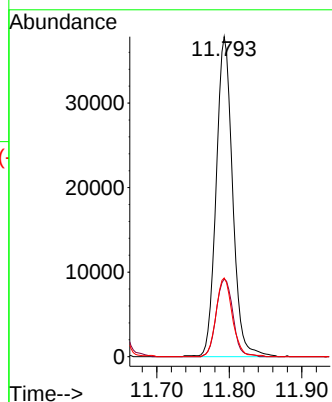
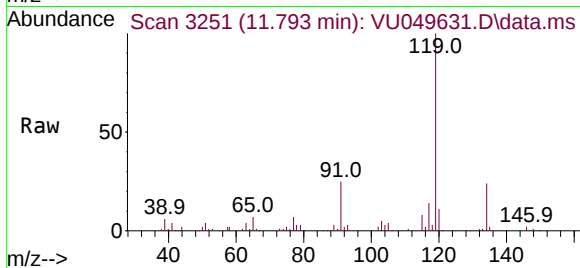
Tgt Ion:119 Resp: 59576

Ion Ratio Lower Upper

119 100

134 24.6 20.5 30.7

91 24.5 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.734 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU049631.D

Acq: 06 Jul 2022 10:14

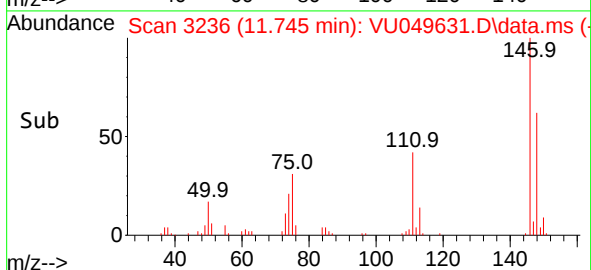
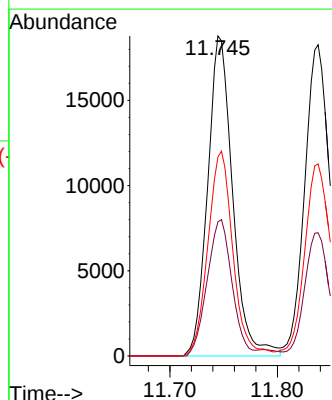
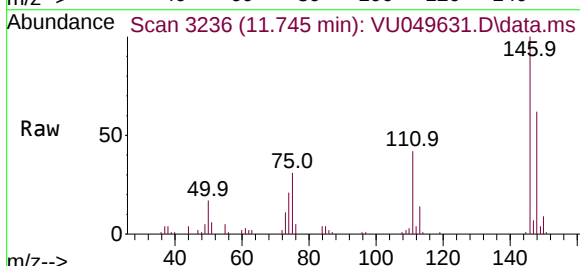
Tgt Ion:146 Resp: 30323

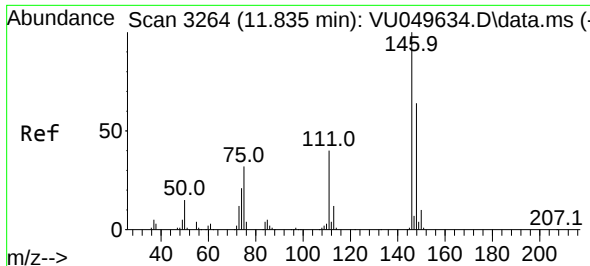
Ion Ratio Lower Upper

146 100

111 42.4 33.4 50.2

148 63.9 51.2 76.8

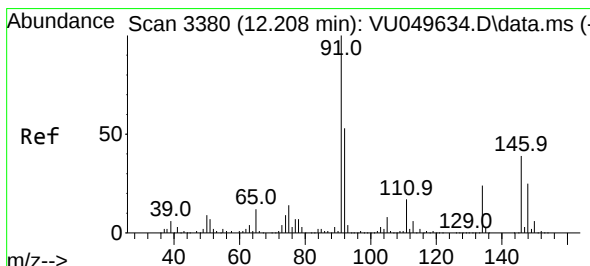
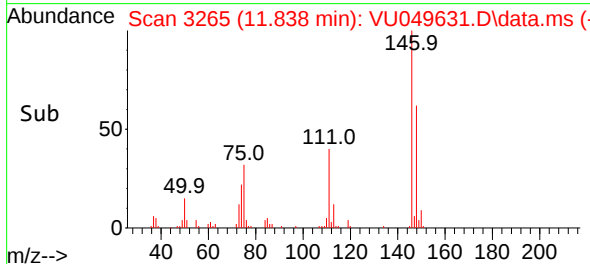
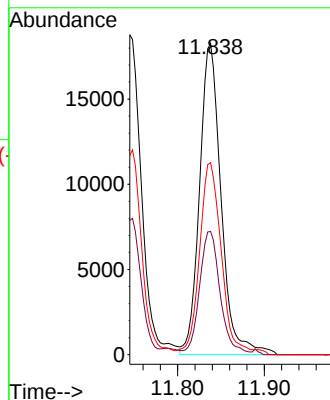
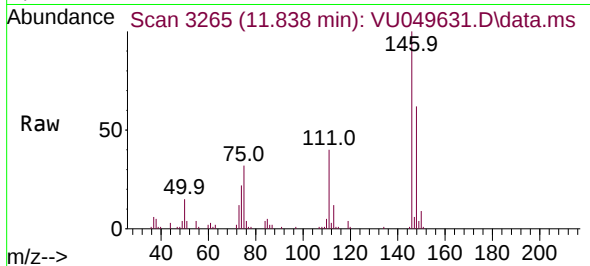




#83
1,4-Dichlorobenzene
Concen: 0.768 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

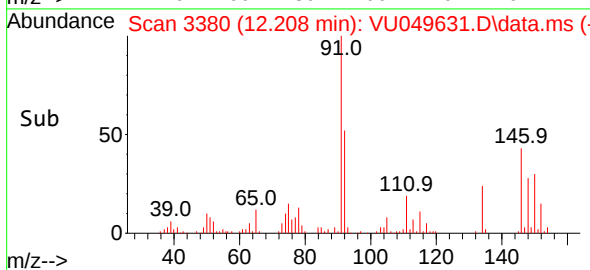
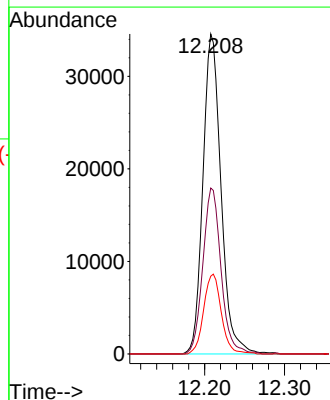
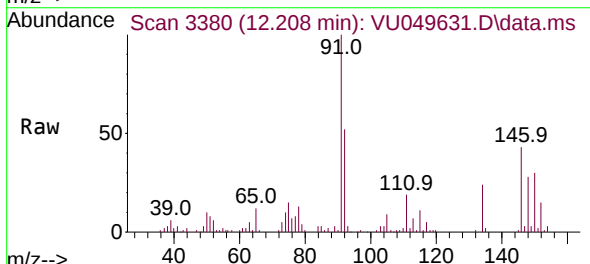
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

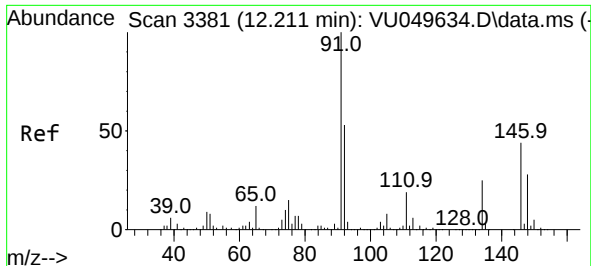
Tgt Ion:146 Resp: 31606
Ion Ratio Lower Upper
146 100
111 35.5 32.6 49.0
148 63.0 51.6 77.4



#84
n-Butylbenzene
Concen: 0.864 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 91 Resp: 54594
Ion Ratio Lower Upper
91 100
92 52.1 42.3 63.5
134 24.4 19.6 29.4

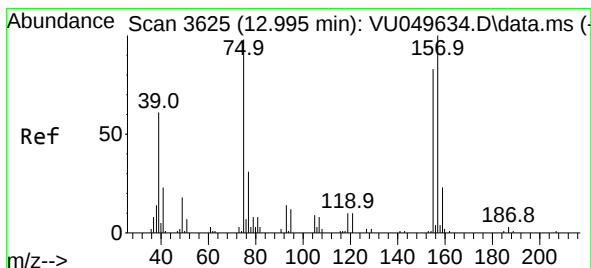
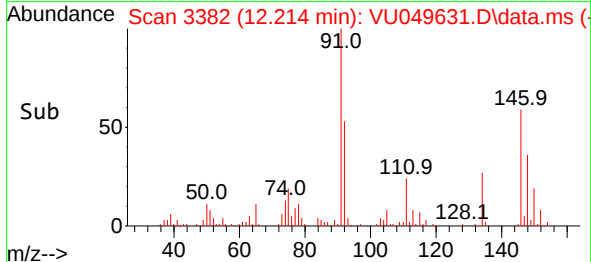
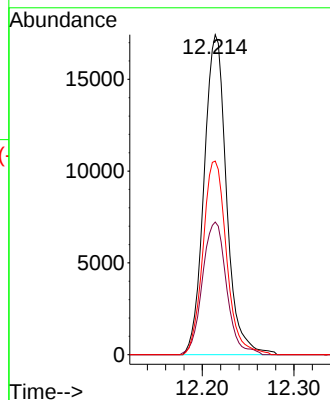
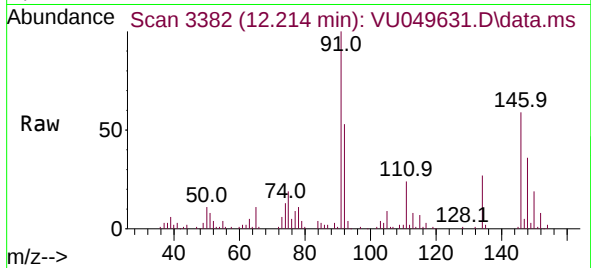




#85
1,2-Dichlorobenzene
Concen: 0.759 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

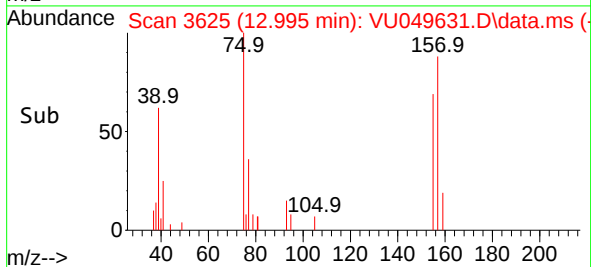
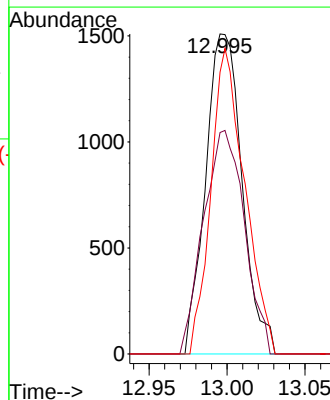
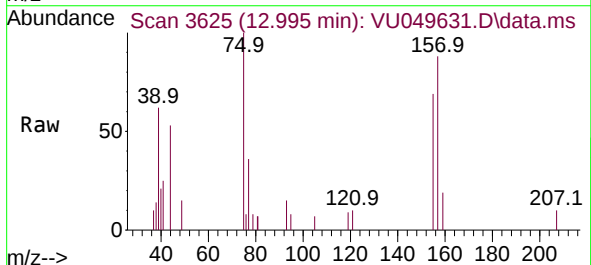
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 29623
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.1
148 63.5 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.901 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion: 75 Resp: 2457
Ion Ratio Lower Upper
75 100
155 78.3 66.8 100.2
157 88.4 83.8 125.8

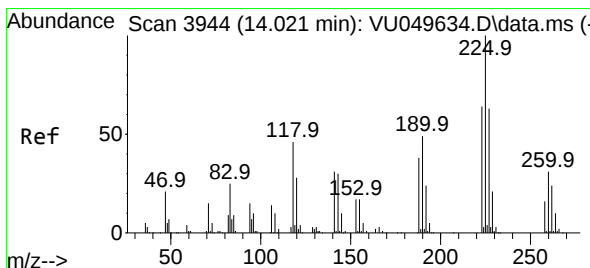
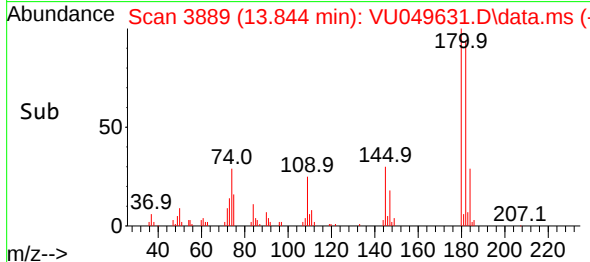
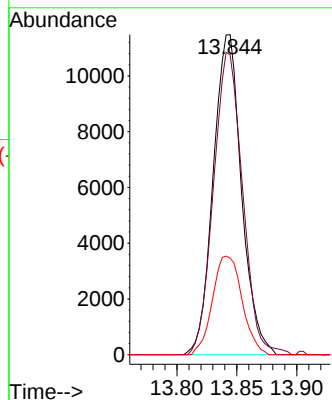
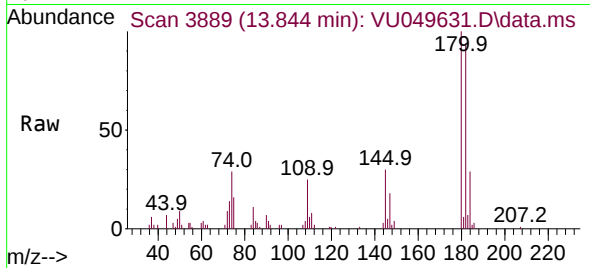




#87
1,2,4-Trichlorobenzene
Concen: 0.666 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

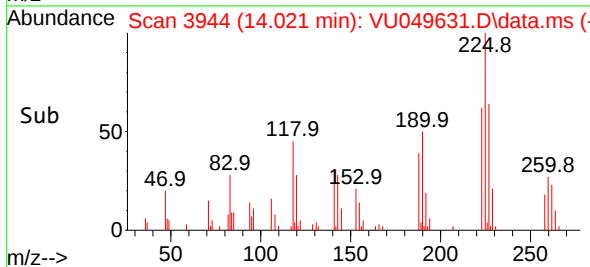
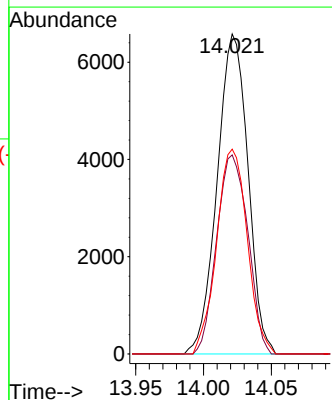
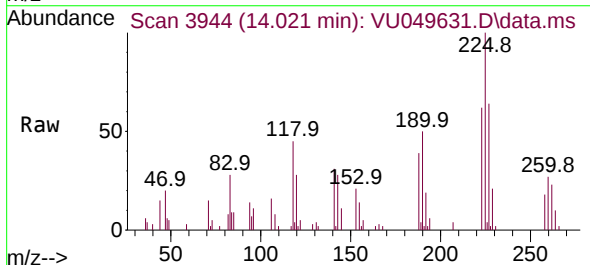
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

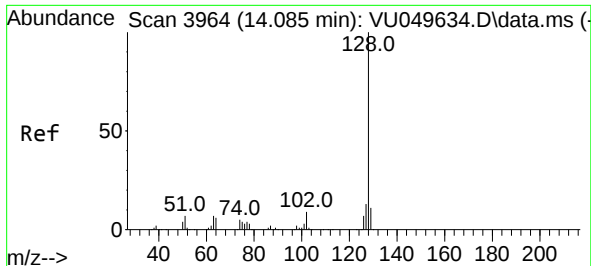
Tgt Ion:180 Resp: 18809
Ion Ratio Lower Upper
180 100
182 97.0 77.0 115.6
145 32.2 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.631 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:225 Resp: 10398
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 63.6 50.7 76.1

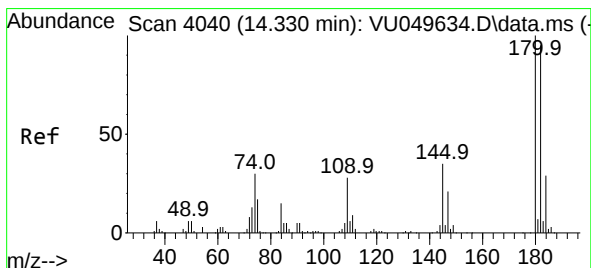
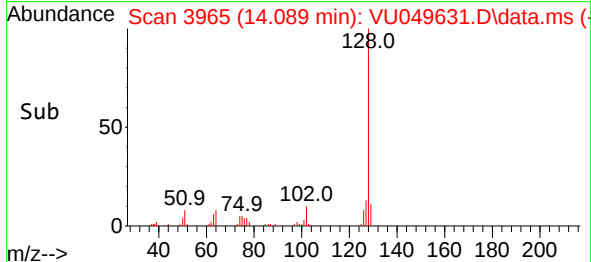
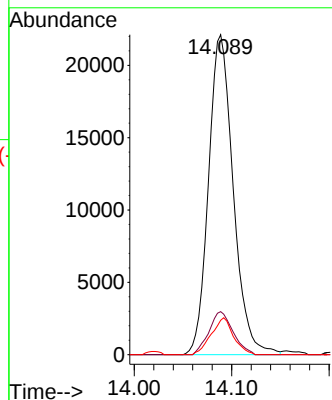
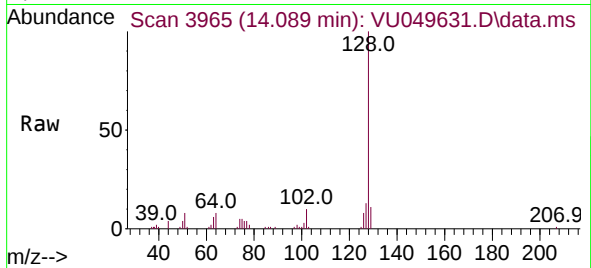




#89
Naphthalene
Concen: 0.862 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 39050
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.3 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.678 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049631.D
Acq: 06 Jul 2022 10:14

Tgt Ion:180 Resp: 17759
Ion Ratio Lower Upper
180 100
182 97.4 76.6 114.8
145 34.7 27.3 40.9

