

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052735.D
 Acq On : 19 Jan 2023 13:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 20 00:34:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	188197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	311348	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	285353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	142767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	15460	5.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.480%#
35) Dibromofluoromethane	5.282	113	11683	5.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.860%#
50) Toluene-d8	7.893	98	42608	5.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.380%#
62) 4-Bromofluorobenzene	10.629	95	14327	4.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12197	5.262	ug/l	96
3) Chloromethane	1.520	50	13257	4.066	ug/l	94
4) Vinyl Chloride	1.604	62	12495	4.375	ug/l	100
5) Bromomethane	1.858	94	5498	3.397	ug/l	100
6) Chloroethane	1.932	64	8204	4.746	ug/l	97
7) Trichlorofluoromethane	2.131	101	18699	5.079	ug/l	92
8) Diethyl Ether	2.372	74	7295	4.893	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	11433	5.235	ug/l	97
10) Methyl Iodide	2.719	142	6424	2.926	ug/l	99
11) Tert butyl alcohol	3.256	59	558	0.966	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	10788	5.012	ug/l	89
13) Acrolein	2.488	56	14743	22.072	ug/l	95
14) Allyl chloride	2.919	41	16938	4.082	ug/l	98
15) Acrylonitrile	3.317	53	33528	21.714	ug/l	100
16) Acetone	2.639	43	34566	23.050	ug/l	99
17) Carbon Disulfide	2.790	76	32164	4.754	ug/l	97
18) Methyl Acetate	2.948	43	18362	4.225	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	35188	4.719	ug/l	93
20) Methylene Chloride	3.044	84	16068	5.043	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	11168	4.789	ug/l	97
22) Diisopropyl ether	3.986	45	34401	4.295	ug/l #	80
23) Vinyl Acetate	3.951	43	126054	20.237	ug/l	99
24) 1,1-Dichloroethane	3.864	63	22949	4.822	ug/l	98
25) 2-Butanone	4.713	43	43704	21.315	ug/l	97
26) 2,2-Dichloropropane	4.658	77	18748	5.007	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	12373	4.626	ug/l	93
28) Bromochloromethane	4.970	49	9619	4.447	ug/l	97
29) Tetrahydrofuran	5.057	42	24928	20.124	ug/l	96
30) Chloroform	5.086	83	24732	5.053	ug/l	99
31) Cyclohexane	5.378	56	22257	5.008	ug/l #	90
32) 1,1,1-Trichloroethane	5.308	97	19723	5.114	ug/l	97
36) 1,1-Dichloropropene	5.520	75	15672	4.725	ug/l	98
37) Ethyl Acetate	4.803	43	16346	3.915	ug/l	98
38) Carbon Tetrachloride	5.520	117	16442	5.250	ug/l	95
39) Methylcyclohexane	6.758	83	17598	4.609	ug/l	98
40) Benzene	5.767	78	50304	5.113	ug/l	99

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Quant Time: Jan 20 00:34:51 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	7752	3.986	ug/l	94
42) 1,2-Dichloroethane	5.790	62	18577	5.237	ug/l	98
43) Isopropyl Acetate	5.909	43	23275	4.260	ug/l	98
44) Trichloroethene	6.539	130	12285	5.239	ug/l	92
45) 1,2-Dichloropropane	6.787	63	13385	4.966	ug/l	95
46) Dibromomethane	6.912	93	8832	5.137	ug/l	97
47) Bromodichloromethane	7.102	83	17962	5.113	ug/l	99
48) Methyl methacrylate	6.960	41	9972	3.921	ug/l	98
49) 1,4-Dioxane	7.034	88	2901	59.871	ug/l #	15
51) 4-Methyl-2-Pentanone	7.793	43	74846	21.016	ug/l	97
52) Toluene	7.967	92	29452	5.071	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	16856	4.553	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	18218	4.544	ug/l	96
55) 1,1,2-Trichloroethane	8.398	97	12557	5.218	ug/l	99
56) Ethyl methacrylate	8.330	69	15005	4.274	ug/l	97
57) 1,3-Dichloropropane	8.571	76	21755	5.111	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	1936	15.503	ug/l #	79
59) 2-Hexanone	8.690	43	56816	20.850	ug/l	99
60) Dibromochloromethane	8.806	129	12973	5.162	ug/l	99
61) 1,2-Dibromoethane	8.922	107	12689	5.199	ug/l	95
64) Tetrachloroethene	8.549	164	10167	5.480	ug/l	88
65) Chlorobenzene	9.443	112	31787	5.263	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	12271	5.592	ug/l	97
67) Ethyl Benzene	9.568	91	50118	4.809	ug/l	99
68) m/p-Xylenes	9.690	106	37365	9.471	ug/l	100
69) o-Xylene	10.095	106	17858	4.755	ug/l	98
70) Styrene	10.111	104	28764	4.574	ug/l	100
71) Bromoform	10.288	173	9837	5.306	ug/l #	98
73) Isopropylbenzene	10.481	105	45499	4.699	ug/l	100
74) N-amyl acetate	10.320	43	16468	3.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	20140	4.957	ug/l	95
76) 1,2,3-Trichloropropane	10.819	75	20913	4.714	ug/l	90
77) Bromobenzene	10.780	156	13169	5.417	ug/l	97
78) n-propylbenzene	10.902	91	51621	4.406	ug/l	100
79) 2-Chlorotoluene	10.983	91	35329	4.916	ug/l	97
80) 1,3,5-Trimethylbenzene	11.082	105	36560	4.479	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	4411	3.841	ug/l	98
82) 4-Chlorotoluene	11.095	91	37629	4.610	ug/l	99
83) tert-Butylbenzene	11.417	119	39225	4.819	ug/l	98
84) 1,2,4-Trimethylbenzene	11.465	105	35652	4.434	ug/l	98
85) sec-Butylbenzene	11.639	105	45648	4.461	ug/l	99
86) p-Isopropyltoluene	11.790	119	37773	4.498	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	23488	5.009	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	25495	5.330	ug/l	96
89) n-Butylbenzene	12.205	91	32051	4.233	ug/l	97
90) Hexachloroethane	12.471	117	8036	4.907	ug/l	94
91) 1,2-Dichlorobenzene	12.211	146	24156	5.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	3973	4.579	ug/l	95
93) 1,2,4-Trichlorobenzene	13.838	180	11762	4.319	ug/l	99
94) Hexachlorobutadiene	14.015	225	7816	5.396	ug/l	92
95) Naphthalene	14.082	128	30373	3.737	ug/l	98
96) 1,2,3-Trichlorobenzene	14.327	180	12302	4.501	ug/l	93

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Instrument :
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ClientSampleId :
VSTDICC005

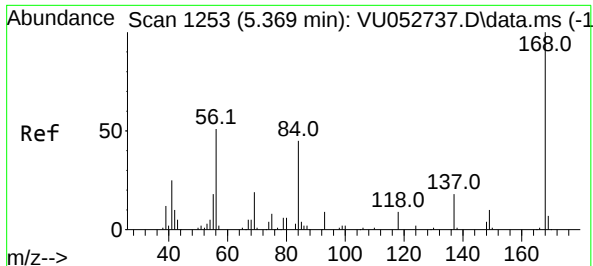
Quant Time: Jan 20 00:34:51 2023
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 00:33:41 2023
Response via : Initial Calibration

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

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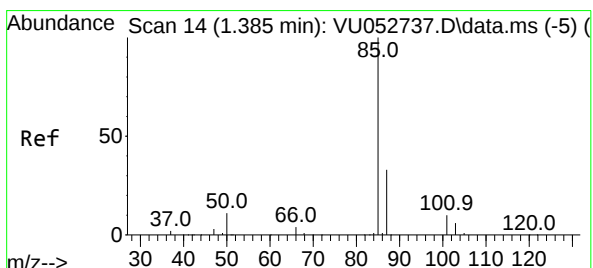
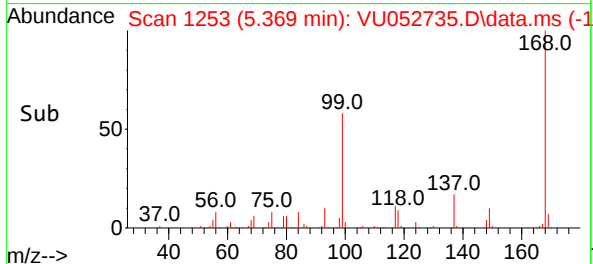
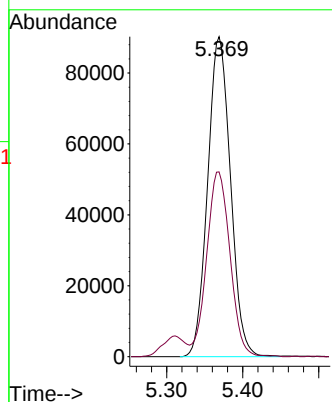
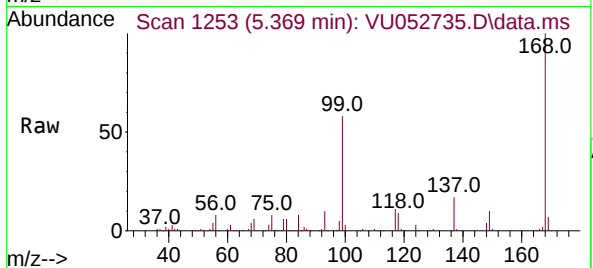




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052735.D
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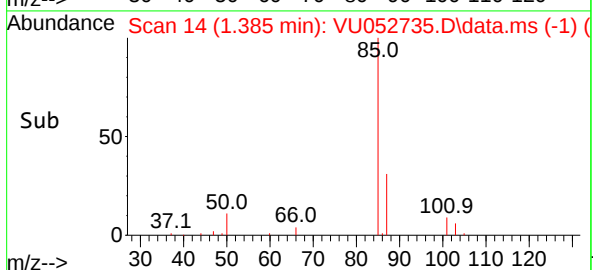
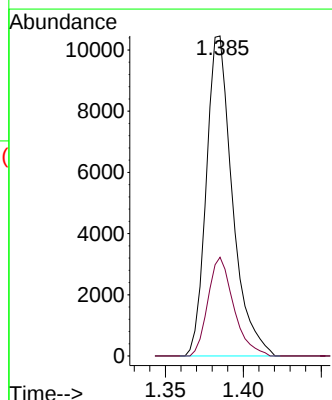
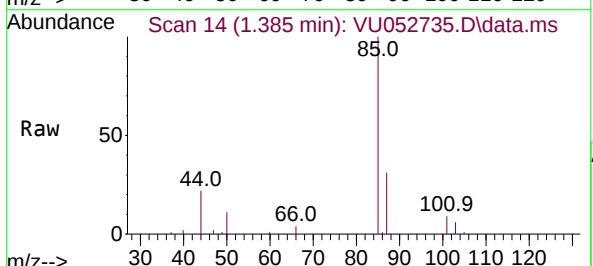
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

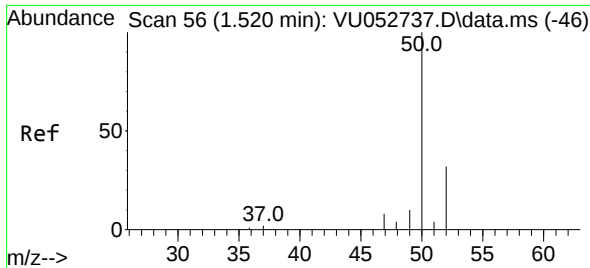
Tgt Ion:168 Resp: 188197
Ion Ratio Lower Upper
168 100
99 57.6 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 5.262 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 85 Resp: 12197
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.7

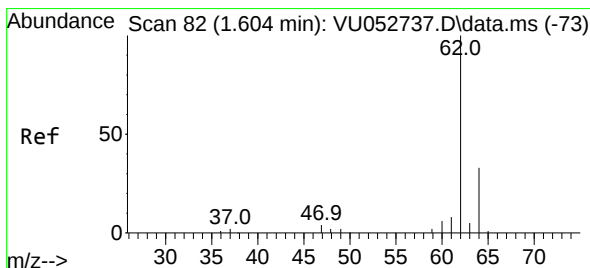
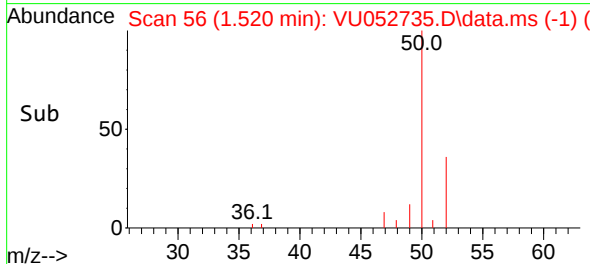
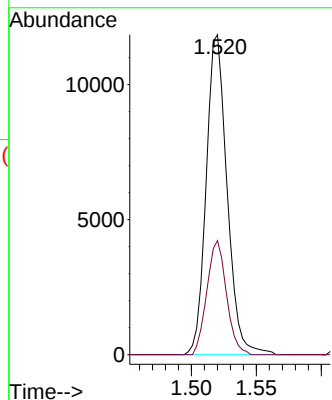
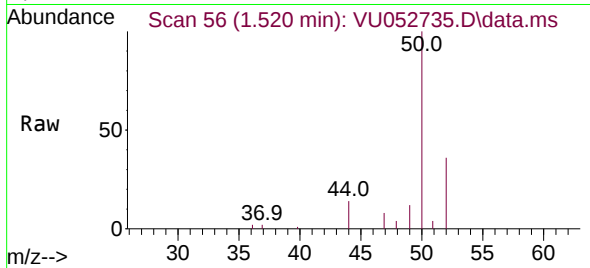




#3
Chloromethane
Concen: 4.066 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

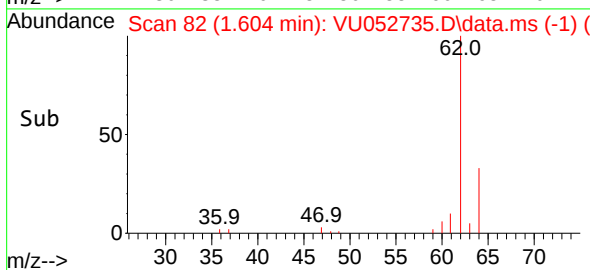
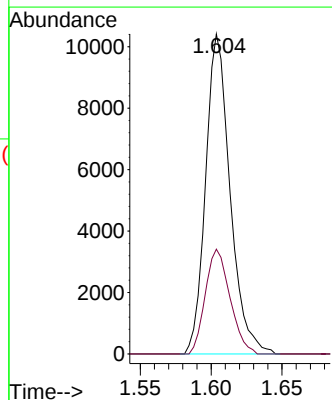
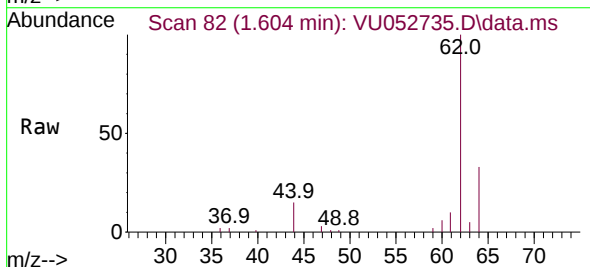
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

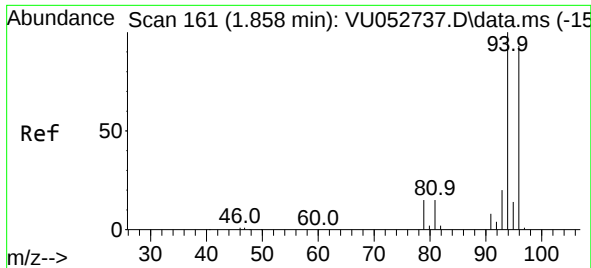
Tgt Ion: 50 Resp: 13257
Ion Ratio Lower Upper
50 100
52 35.6 25.8 38.6



#4
Vinyl Chloride
Concen: 4.375 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 62 Resp: 12495
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

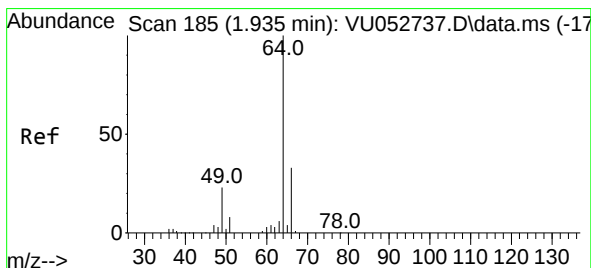
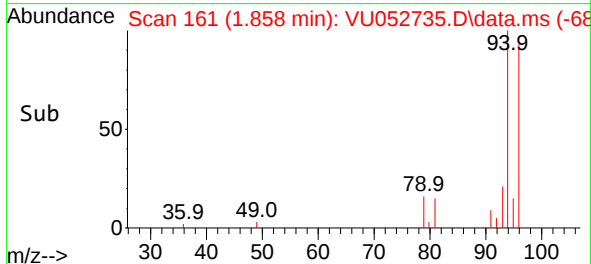
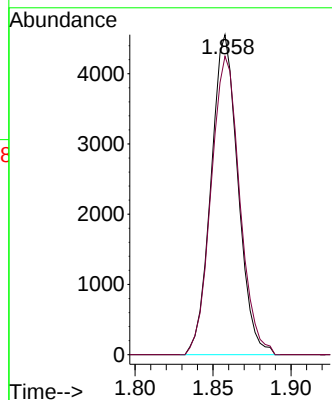
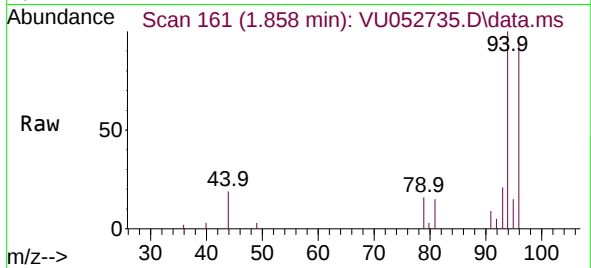




#5
Bromomethane
Concen: 3.397 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

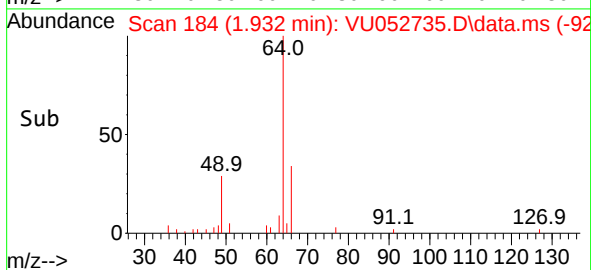
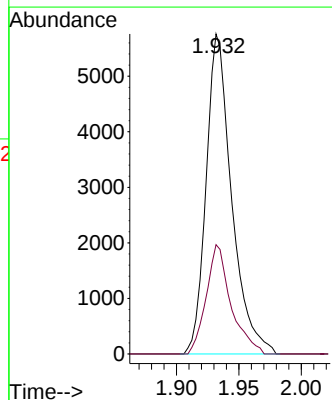
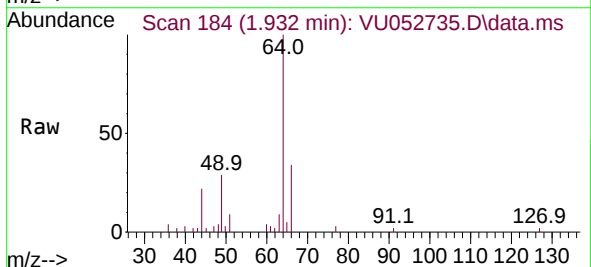
Instrument :
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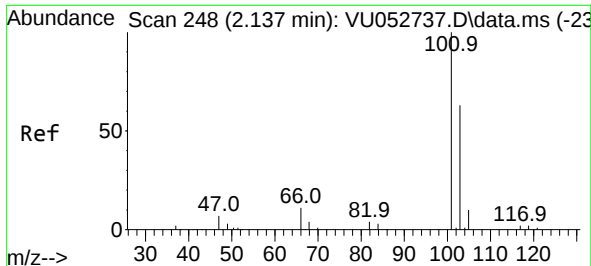
Tgt Ion: 94 Resp: 5498
Ion Ratio Lower Upper
94 100
96 93.2 74.3 111.5



#6
Chloroethane
Concen: 4.746 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 64 Resp: 8204
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1

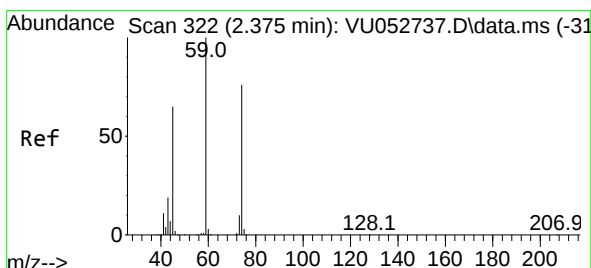
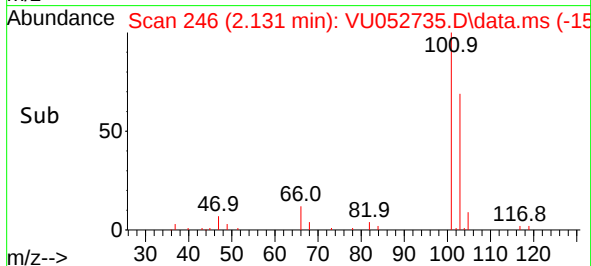
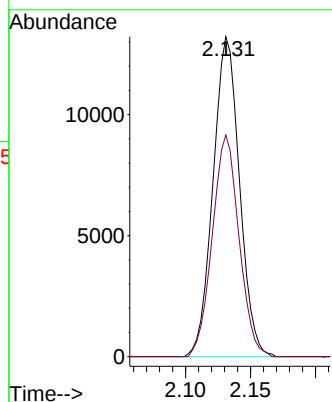
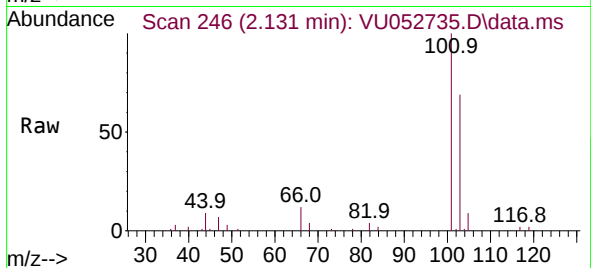




#7
 Trichlorofluoromethane
 Concen: 5.079 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

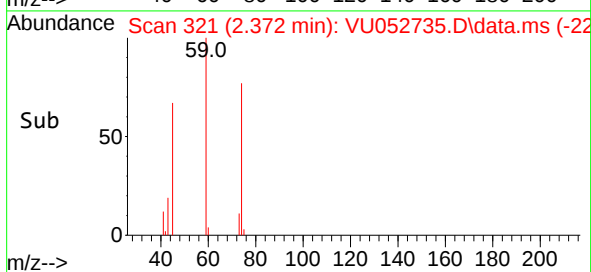
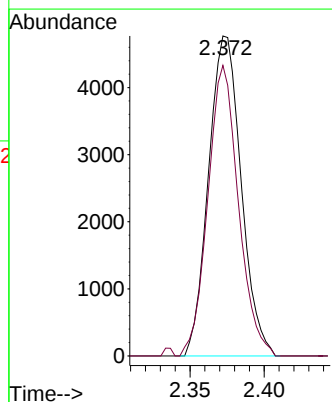
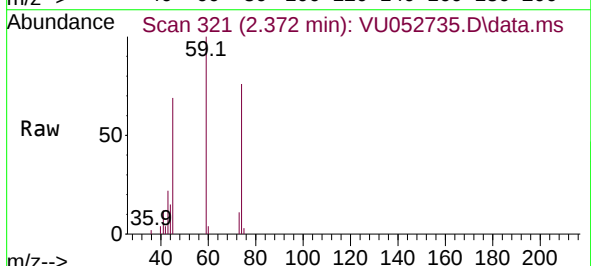
Instrument :
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 ClientSampleId :
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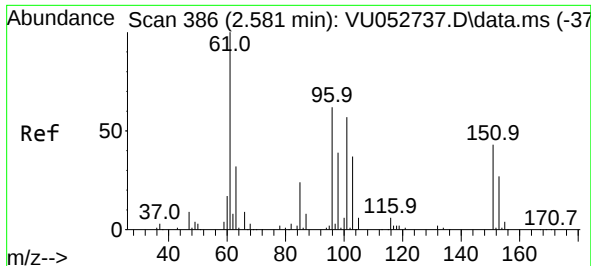
Tgt Ion:101 Resp: 18699
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 4.893 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Tgt Ion: 74 Resp: 7295
 Ion Ratio Lower Upper
 74 100
 45 85.0 42.4 127.3

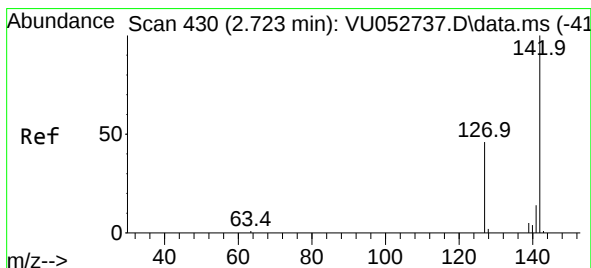
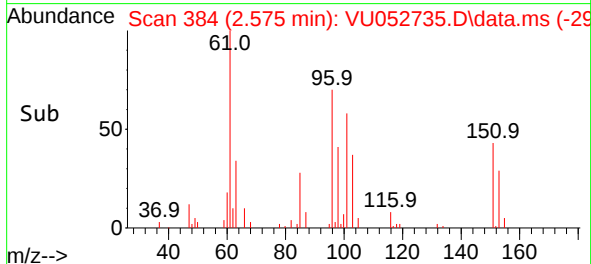
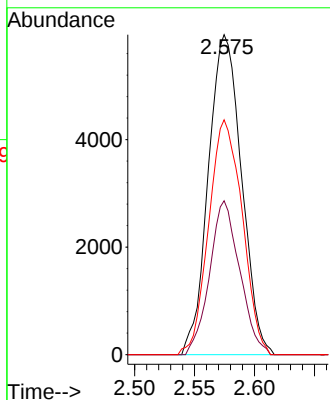
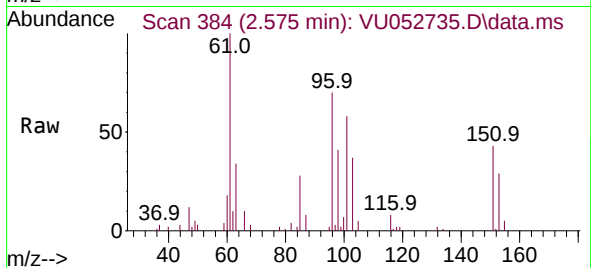




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.235 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU052735.D
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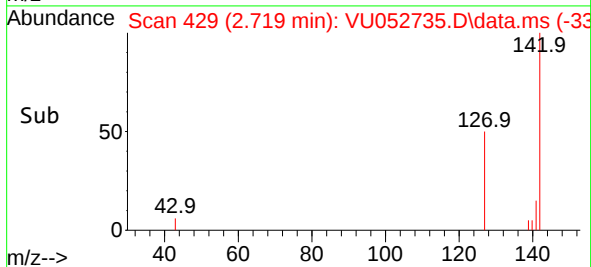
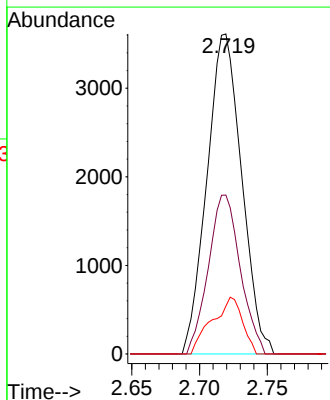
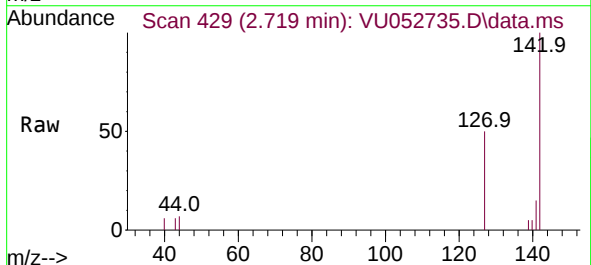
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

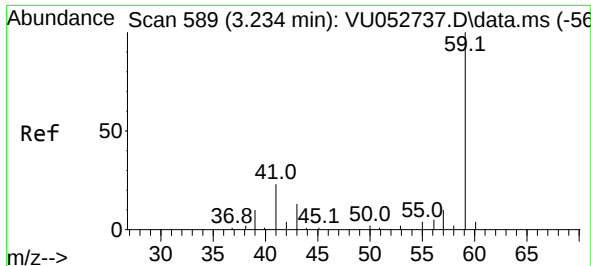
Tgt Ion:101 Resp: 11433
Ion Ratio Lower Upper
101 100
85 43.7 35.1 52.7
151 74.1 61.9 92.9



#10
Methyl Iodide
Concen: 2.926 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:142 Resp: 6424
Ion Ratio Lower Upper
142 100
127 45.7 36.3 54.5
141 15.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 0.966 ug/l

RT: 3.256 min Scan# 59

Delta R.T. 0.023 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

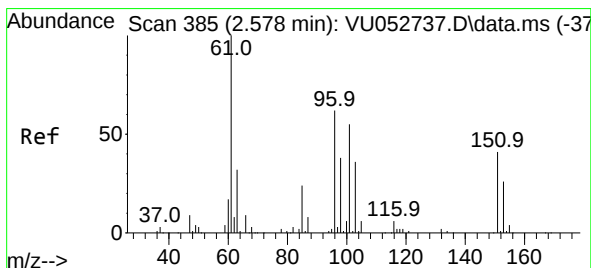
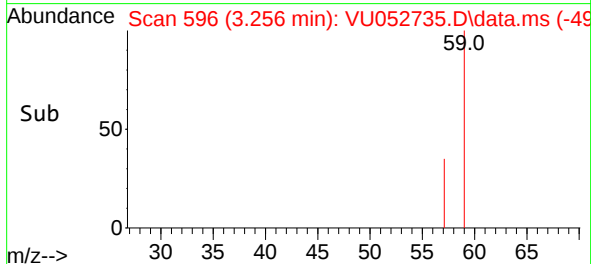
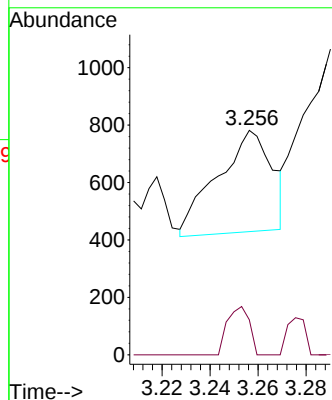
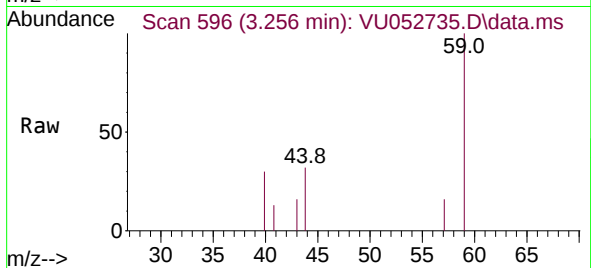
VSTDIC005

Tgt Ion: 59 Resp: 558

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 5.012 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

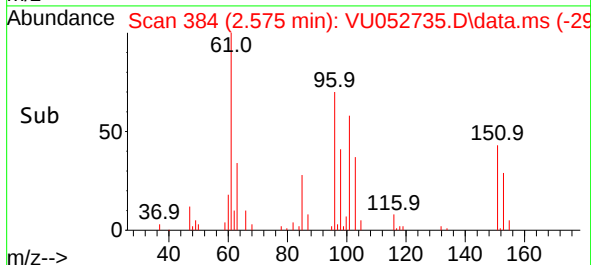
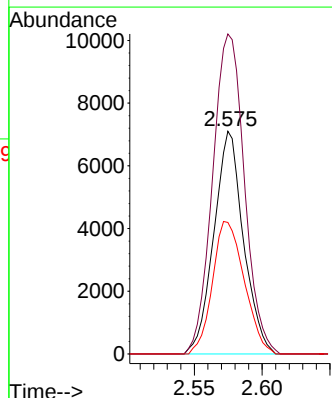
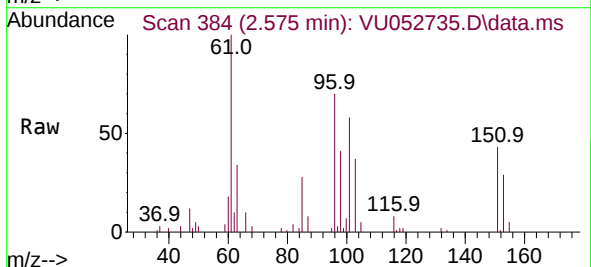
Tgt Ion: 96 Resp: 10788

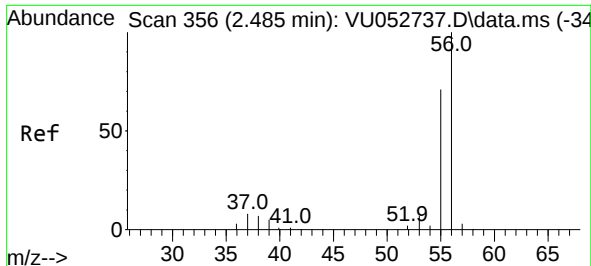
Ion Ratio Lower Upper

96 100

61 143.7 129.8 194.6

98 59.1 49.9 74.9





#13

Acrolein

Concen: 22.072 ug/l

RT: 2.488 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

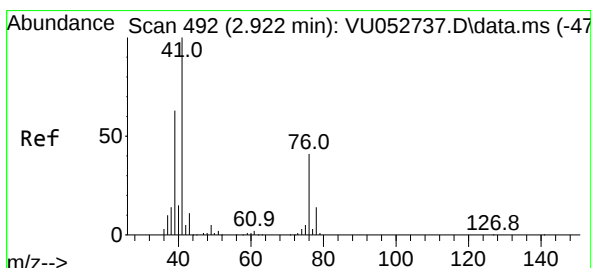
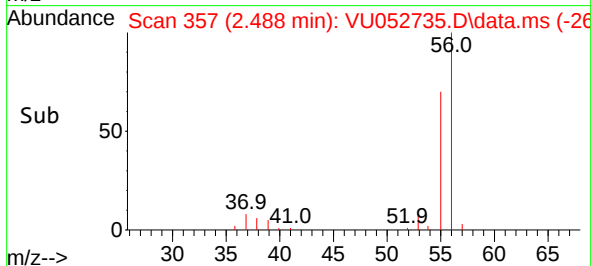
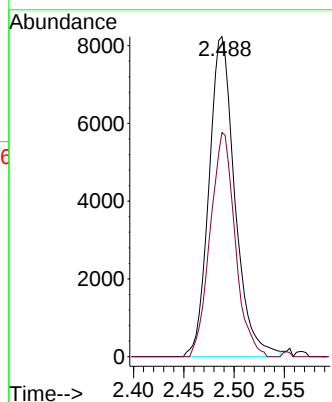
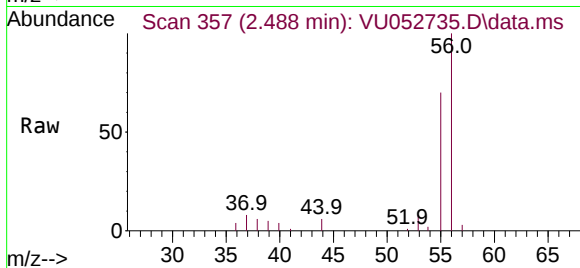
VSTDIC005

Tgt Ion: 56 Resp: 14743

Ion Ratio Lower Upper

56 100

55 67.4 57.2 85.8



#14

Allyl chloride

Concen: 4.082 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

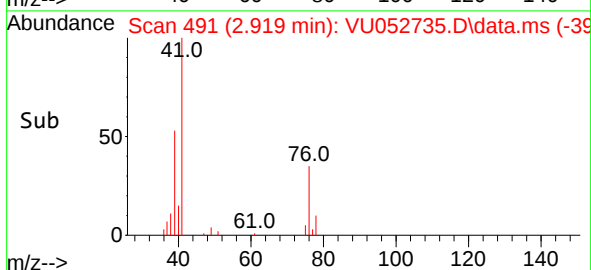
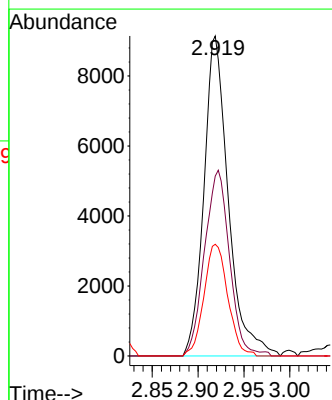
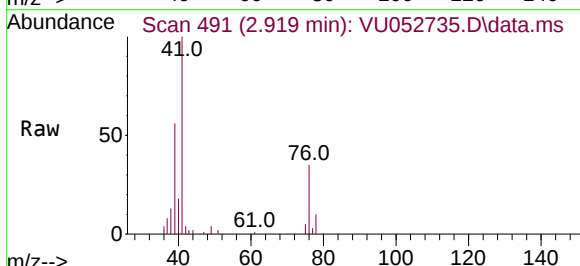
Tgt Ion: 41 Resp: 16938

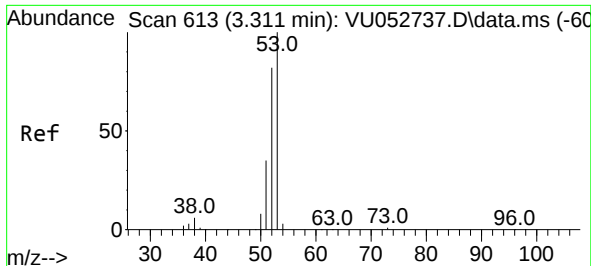
Ion Ratio Lower Upper

41 100

39 59.5 48.2 72.2

76 34.1 29.4 44.0

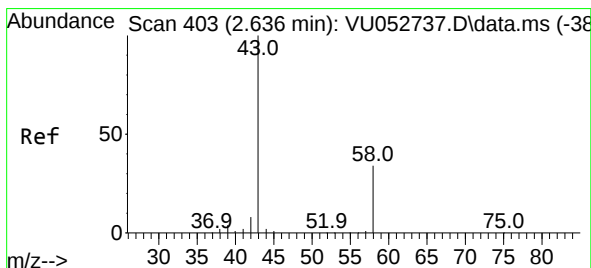
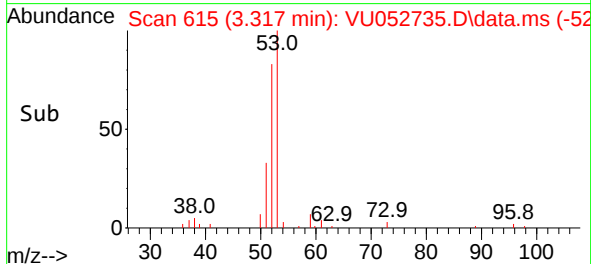
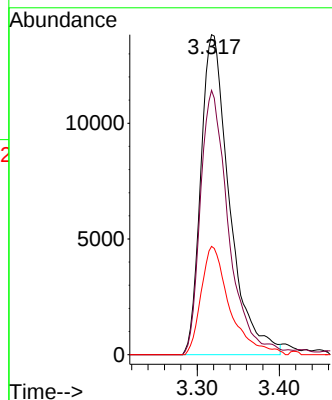
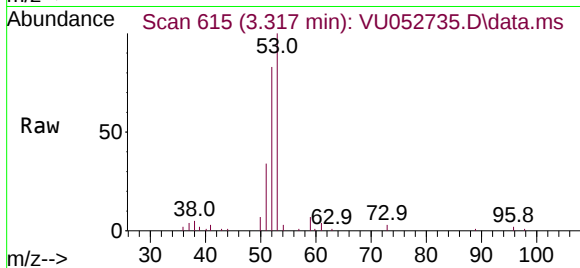




#15
Acrylonitrile
Concen: 21.714 ug/l
RT: 3.317 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

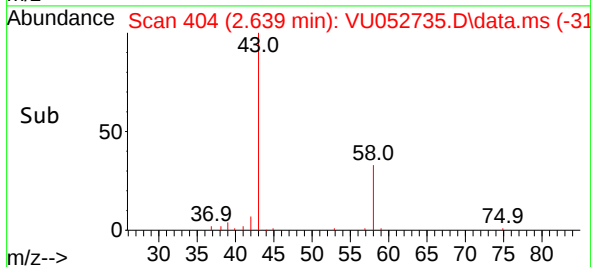
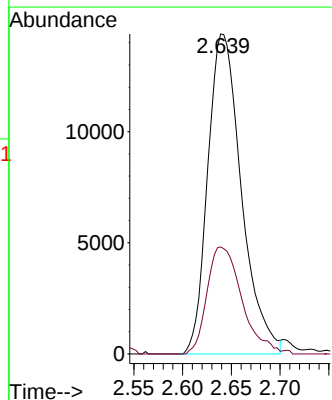
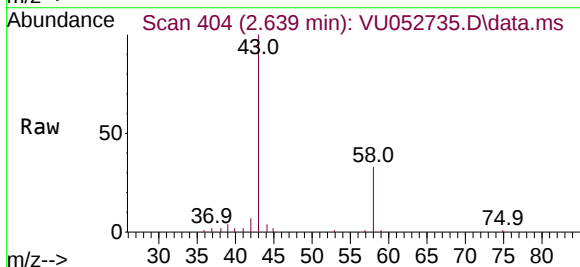
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

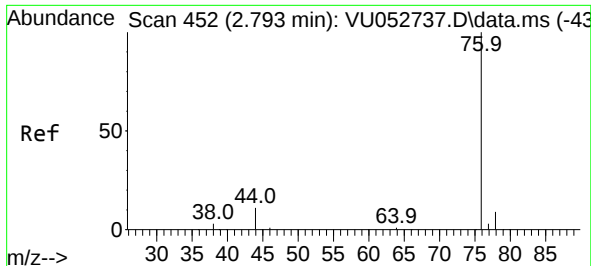
Tgt Ion: 53	Resp:	33528
Ion Ratio	Lower	Upper
53	100	
52	81.0	64.9 97.3
51	33.8	27.6 41.4



#16
Acetone
Concen: 23.050 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 43	Resp:	34566
Ion Ratio	Lower	Upper
43	100	
58	33.5	27.1 40.7

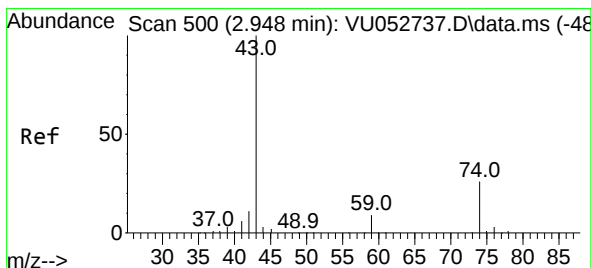
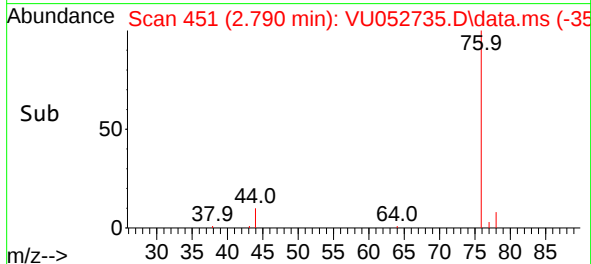
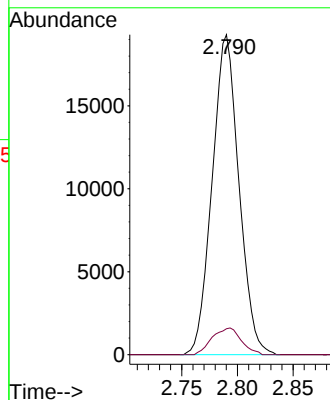
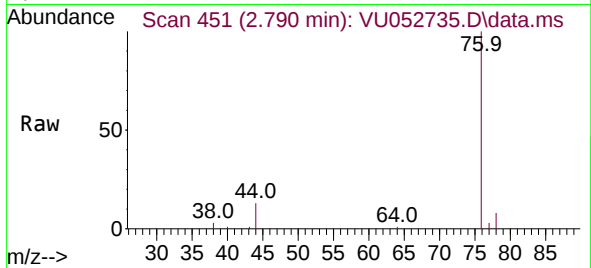




#17
Carbon Disulfide
Concen: 4.754 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

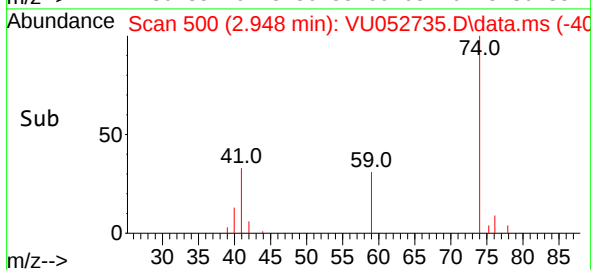
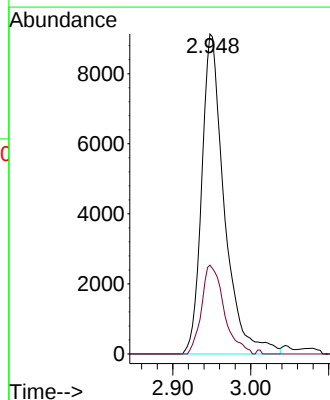
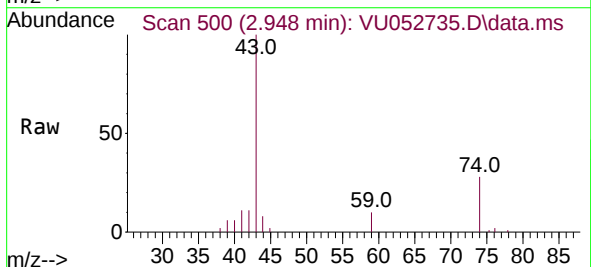
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

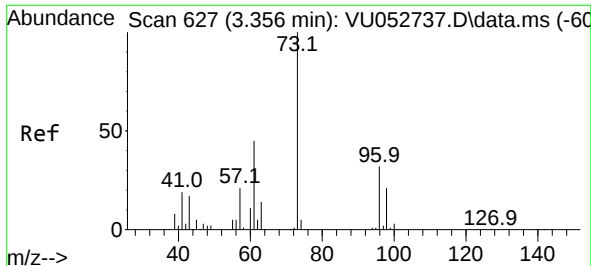
Tgt Ion: 76 Resp: 32164
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#18
Methyl Acetate
Concen: 4.225 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 43 Resp: 18362
Ion Ratio Lower Upper
43 100
74 27.6 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 4.719 ug/l

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

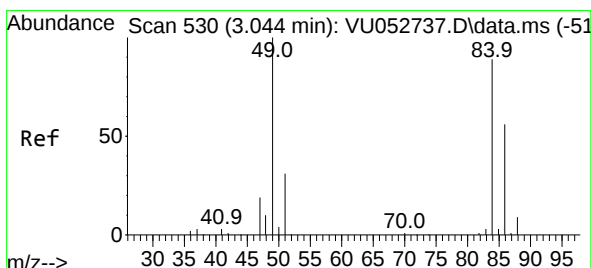
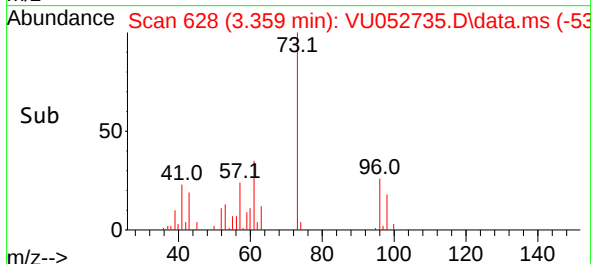
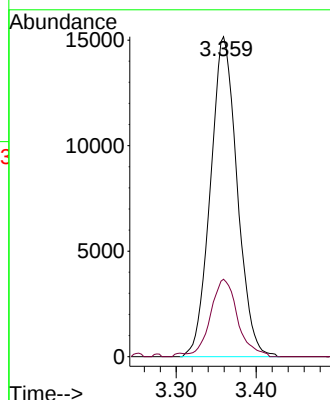
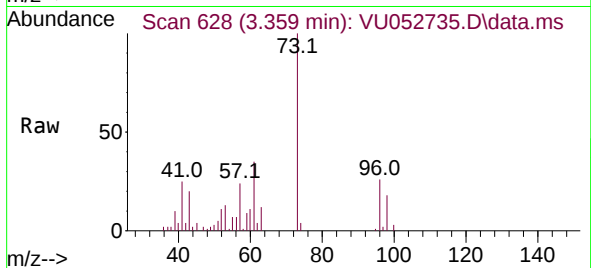
VSTDIC005

Tgt Ion: 73 Resp: 35188

Ion Ratio Lower Upper

73 100

57 24.2 16.9 25.3



#20

Methylene Chloride

Concen: 5.043 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Tgt Ion: 84 Resp: 16068

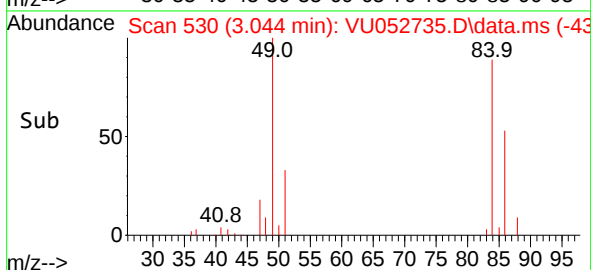
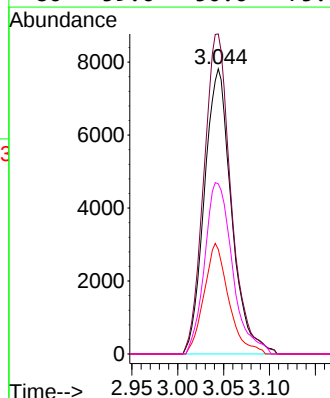
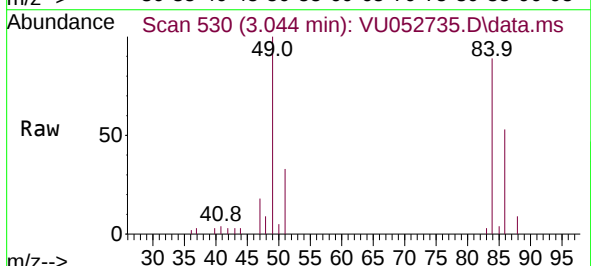
Ion Ratio Lower Upper

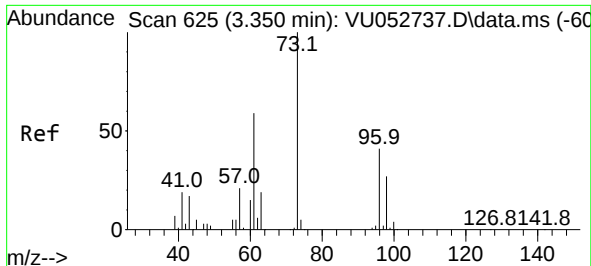
84 100

49 112.2 90.2 135.4

51 36.7 28.1 42.1

86 59.6 50.6 75.8

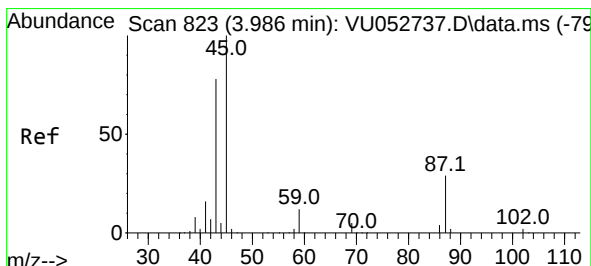
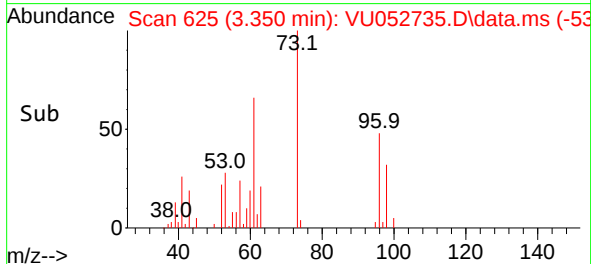
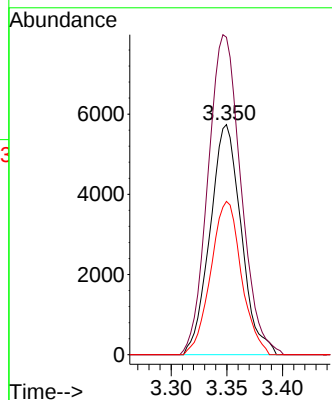
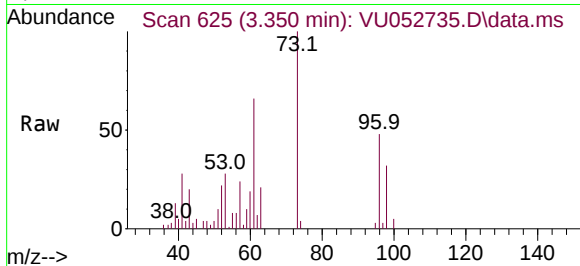




#21
trans-1,2-Dichloroethene
Concen: 4.789 ug/l
RT: 3.350 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

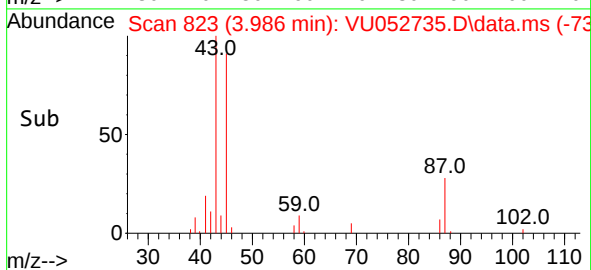
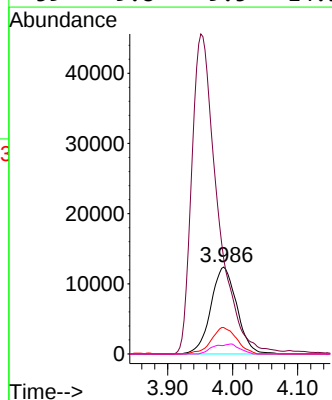
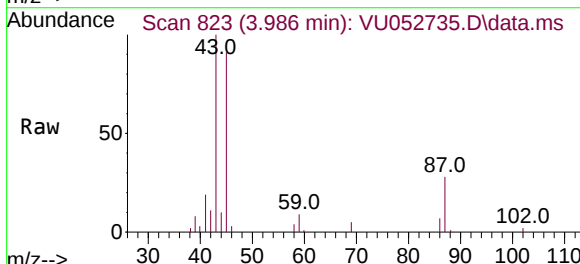
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

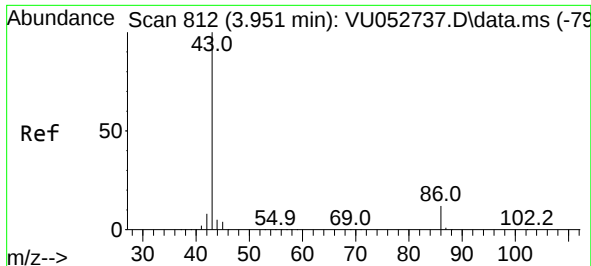
Tgt Ion: 96 Resp: 11168
Ion Ratio Lower Upper
96 100
61 138.0 114.7 172.1
98 66.6 52.4 78.6



#22
Diisopropyl ether
Concen: 4.295 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 45 Resp: 34401
Ion Ratio Lower Upper
45 100
43 106.2 64.6 97.0#
87 30.3 23.2 34.8
59 9.8 9.5 14.3

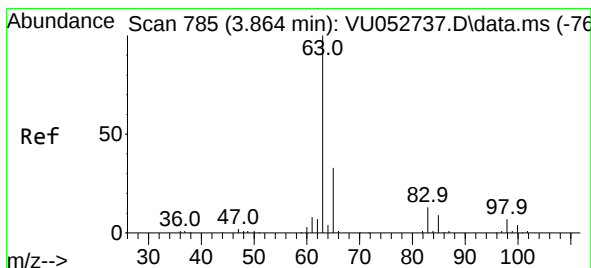
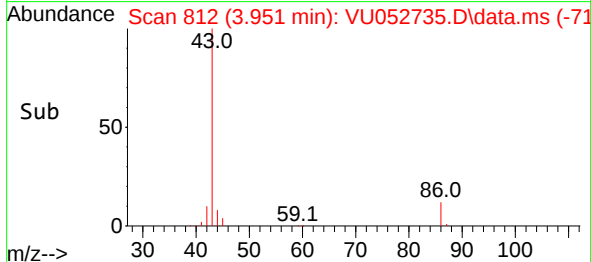
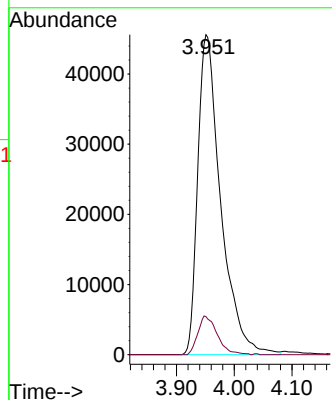
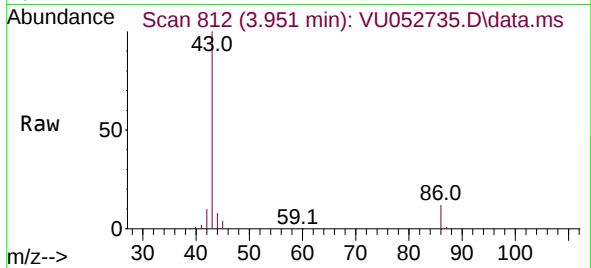




#23
 Vinyl Acetate
 Concen: 20.237 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

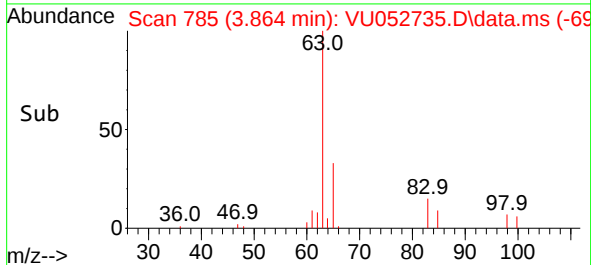
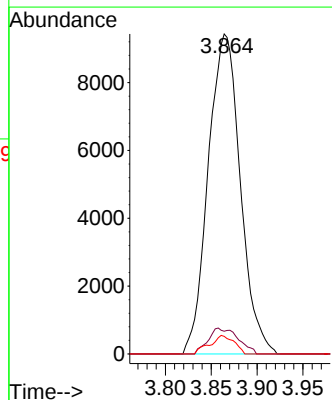
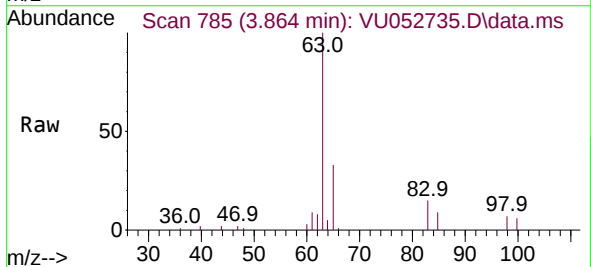
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

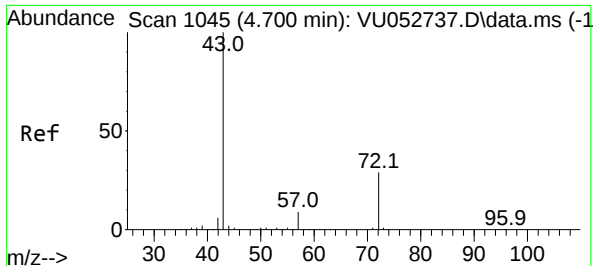
Tgt Ion: 43 Resp: 126054
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 4.822 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Tgt Ion: 63 Resp: 22949
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.5 2.2 6.6





#25

2-Butanone

Concen: 21.315 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

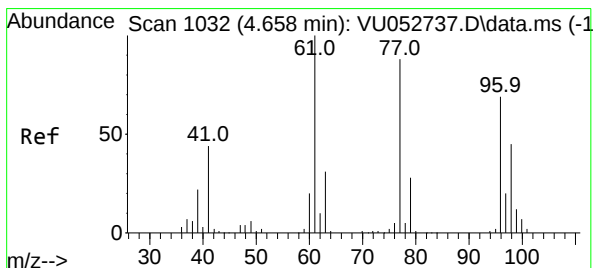
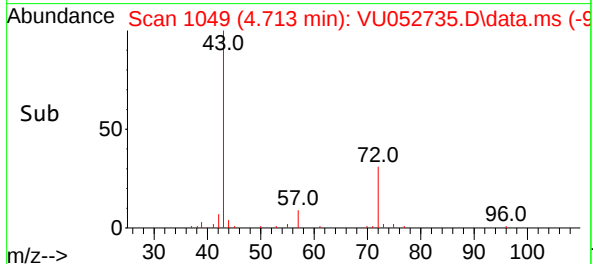
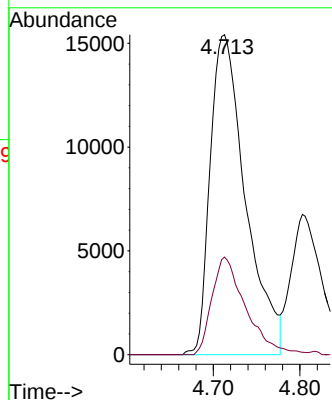
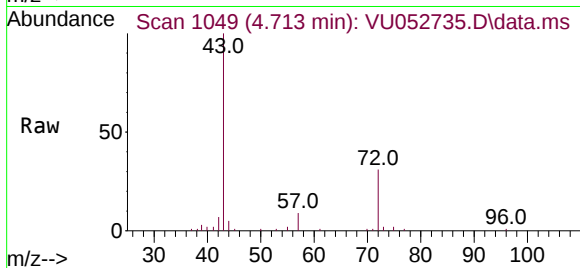
VSTDIC005

Tgt Ion: 43 Resp: 43704

Ion Ratio Lower Upper

43 100

72 30.5 23.3 34.9



#26

2,2-Dichloropropane

Concen: 5.007 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052735.D

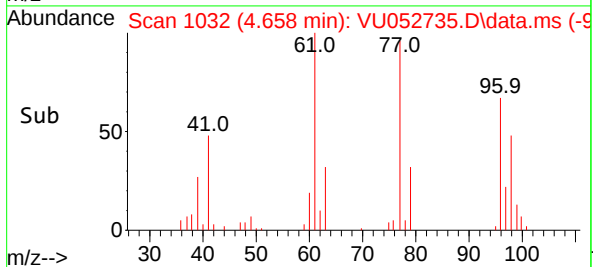
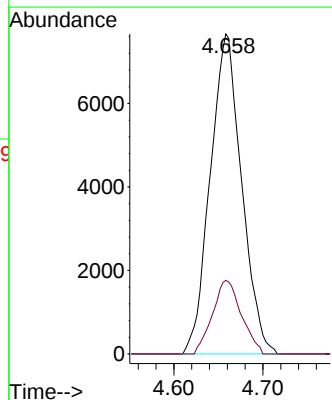
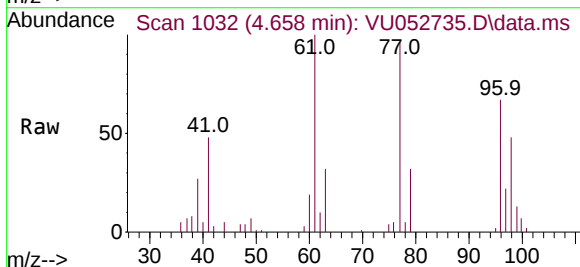
Acq: 19 Jan 2023 13:21

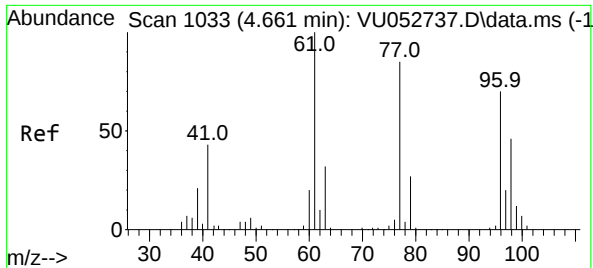
Tgt Ion: 77 Resp: 18748

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 4.626 ug/l

RT: 4.665 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

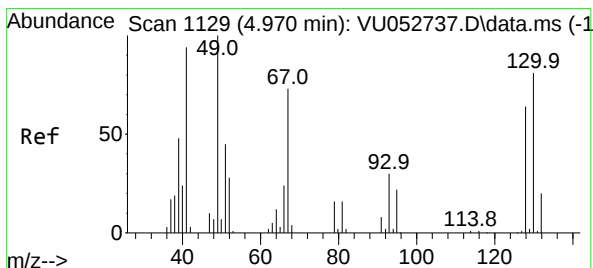
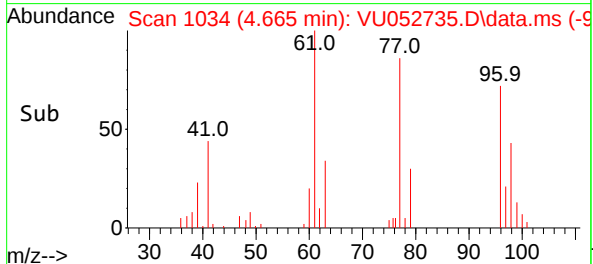
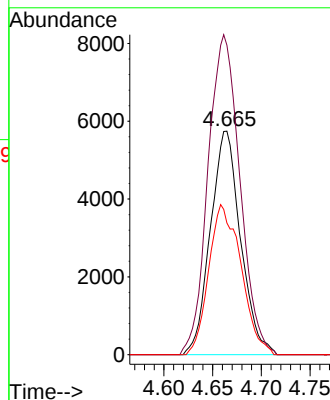
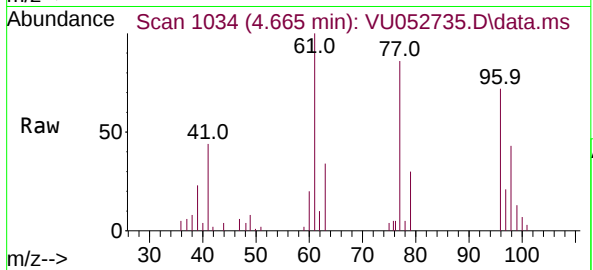
Tgt Ion: 96 Resp: 12373

Ion Ratio Lower Upper

96 100

61 151.3 0.0 287.2

98 72.0 0.0 128.4



#28

Bromochloromethane

Concen: 4.447 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

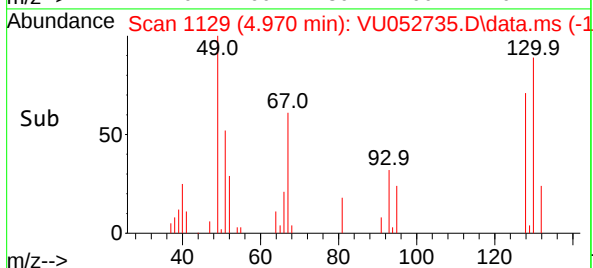
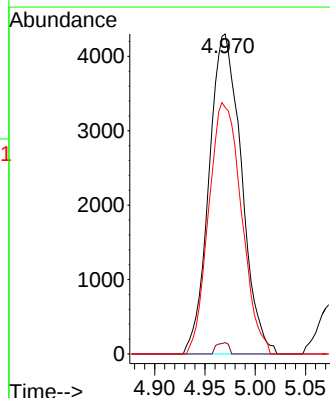
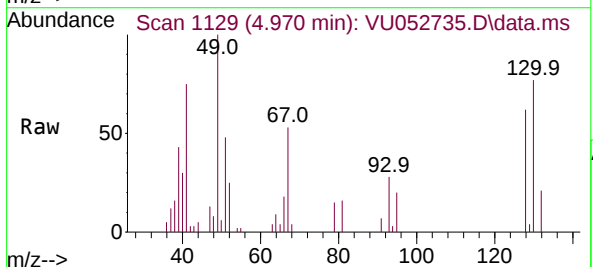
Tgt Ion: 49 Resp: 9619

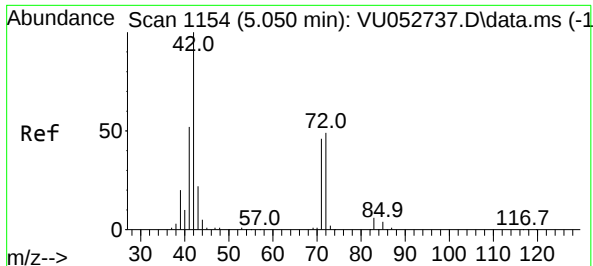
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 79.4 65.5 98.3

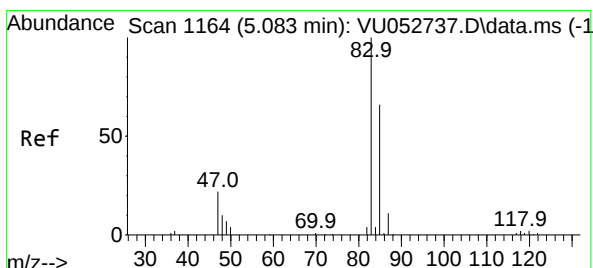
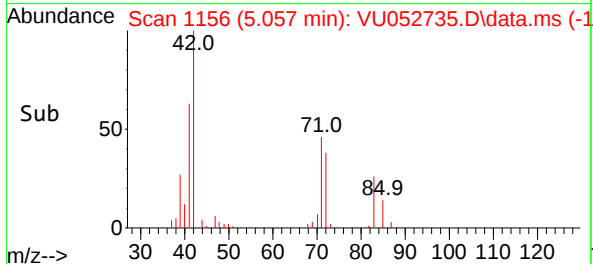
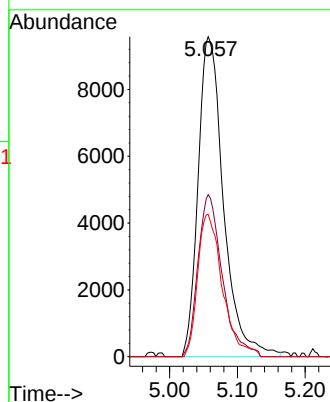
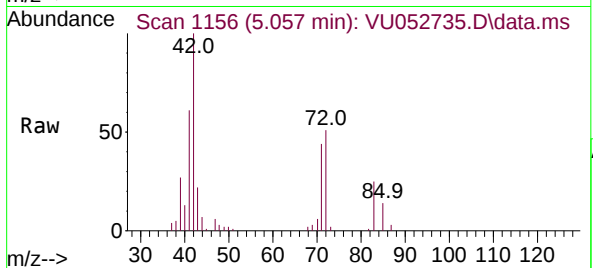




#29
Tetrahydrofuran
Concen: 20.124 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

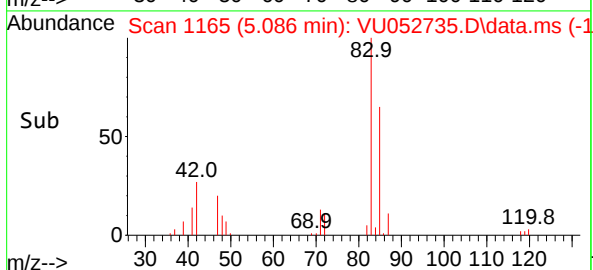
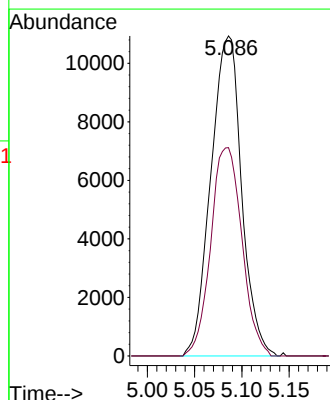
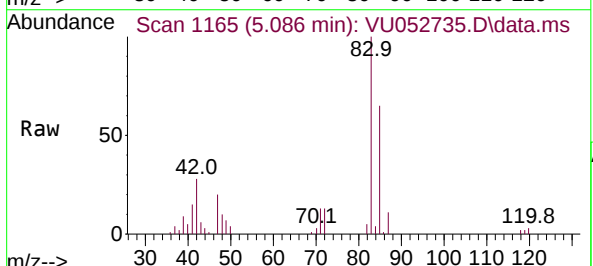
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

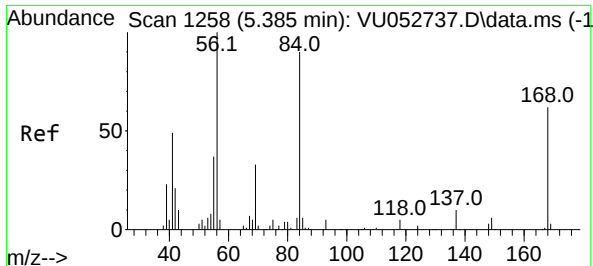
Tgt Ion:	42	Resp:	24928
Ion	Ratio	Lower	Upper
42	100		
72	48.5	40.5	60.7
71	43.2	37.4	56.0



#30
Chloroform
Concen: 5.053 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:	83	Resp:	24732
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	79.0





#31

Cyclohexane

Concen: 5.008 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

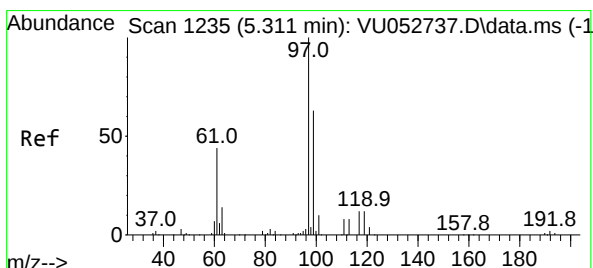
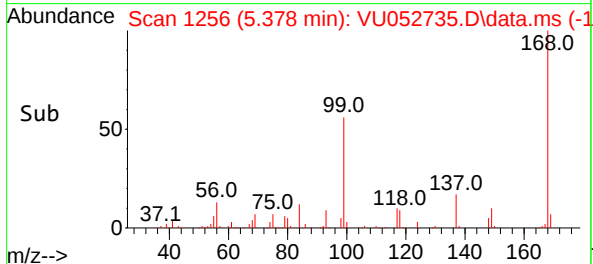
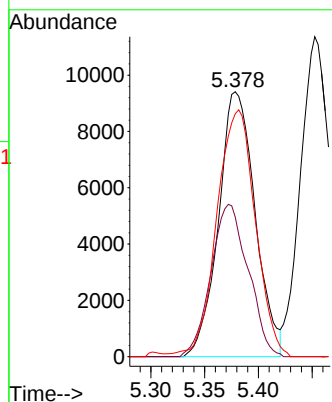
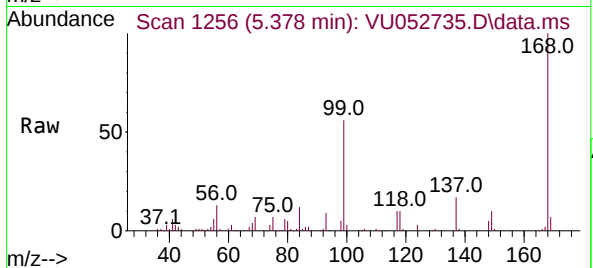
Tgt Ion: 56 Resp: 22257

Ion Ratio Lower Upper

56 100

69 52.7 26.2 39.2#

84 89.7 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 5.114 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

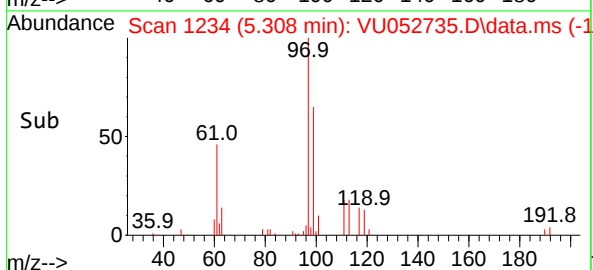
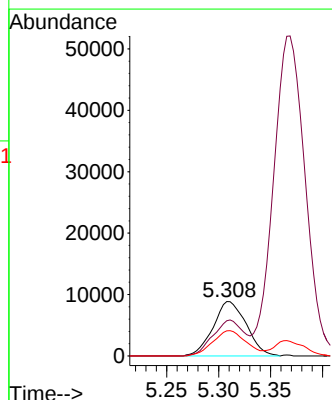
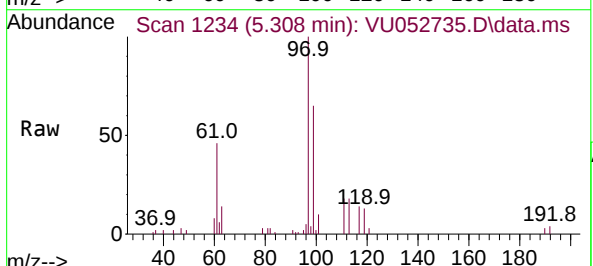
Tgt Ion: 97 Resp: 19723

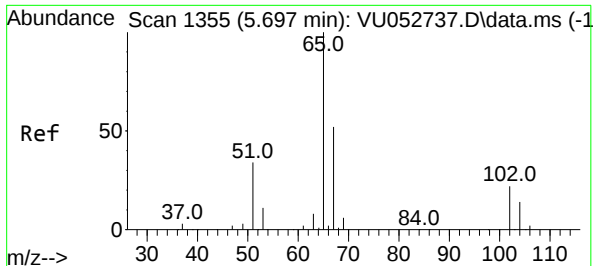
Ion Ratio Lower Upper

97 100

99 61.7 50.5 75.7

61 46.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.236 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

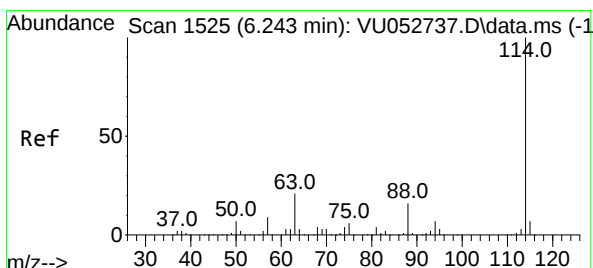
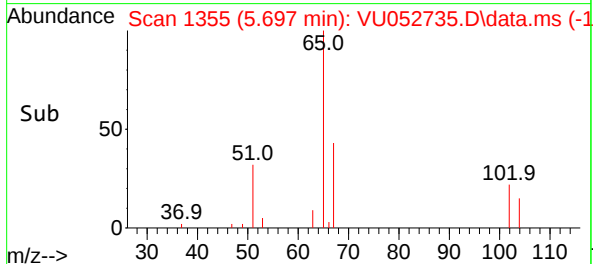
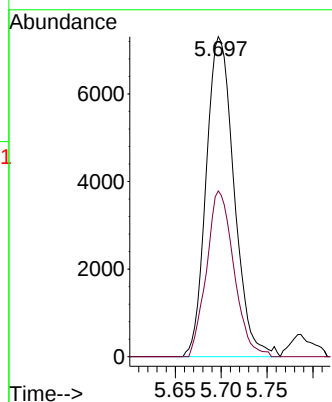
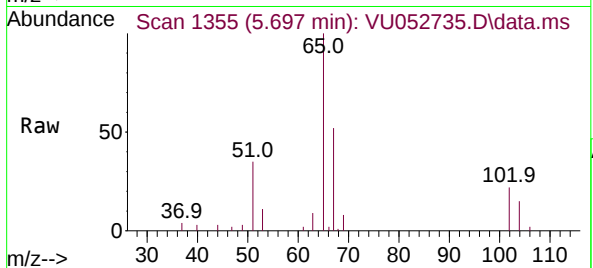
VSTDIC005

Tgt Ion: 65 Resp: 15460

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

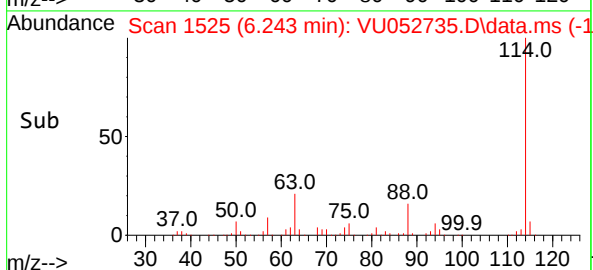
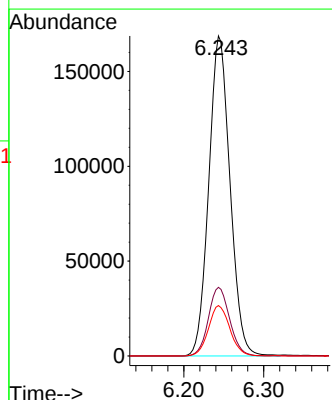
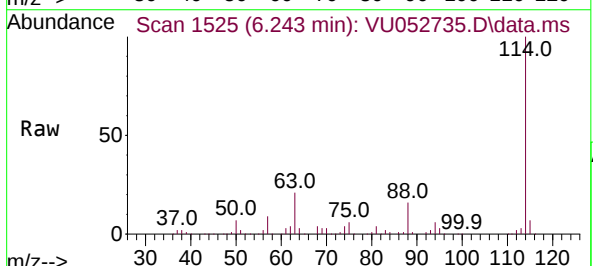
Tgt Ion: 114 Resp: 311348

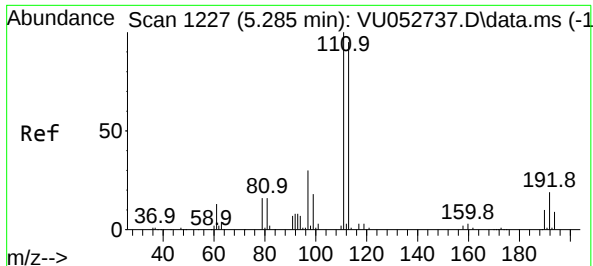
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.429 ug/l

RT: 5.282 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

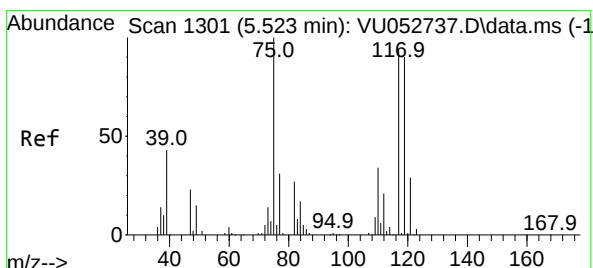
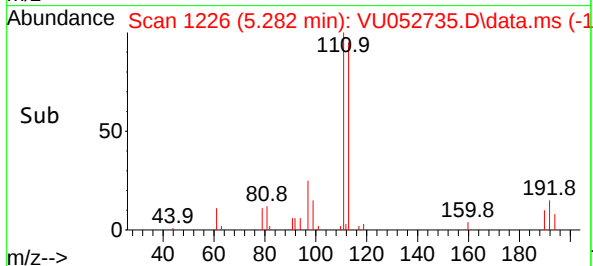
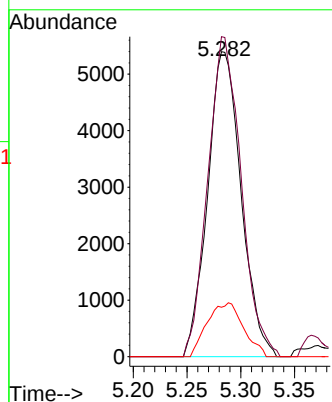
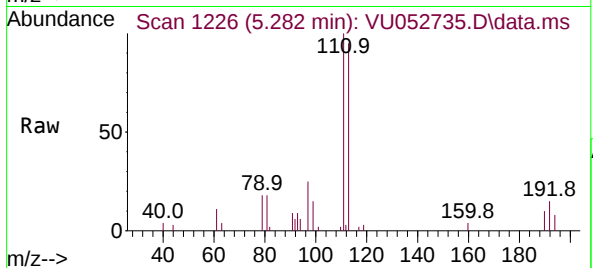
Tgt Ion:113 Resp: 11683

Ion Ratio Lower Upper

113 100

111 104.3 81.2 121.8

192 19.1 15.7 23.5



#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

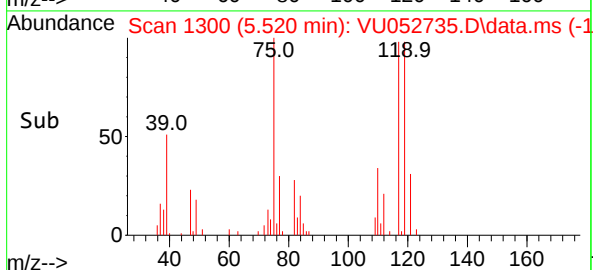
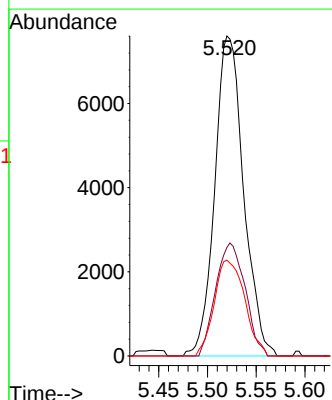
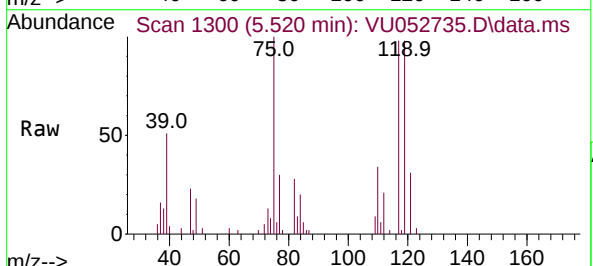
Tgt Ion: 75 Resp: 15672

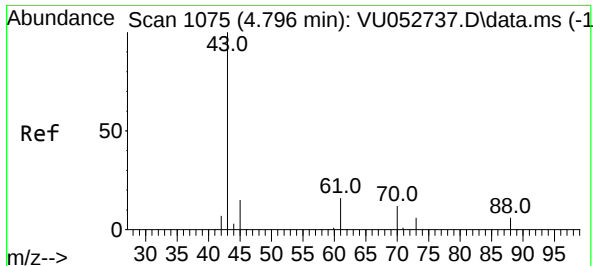
Ion Ratio Lower Upper

75 100

110 36.0 17.1 51.2

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 3.915 ug/l

RT: 4.803 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

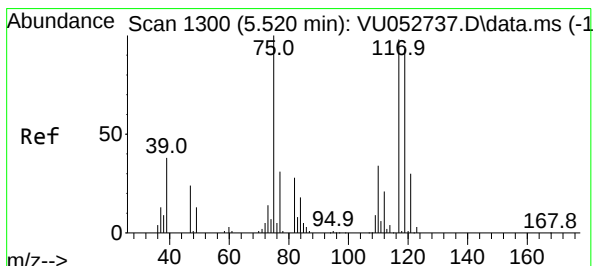
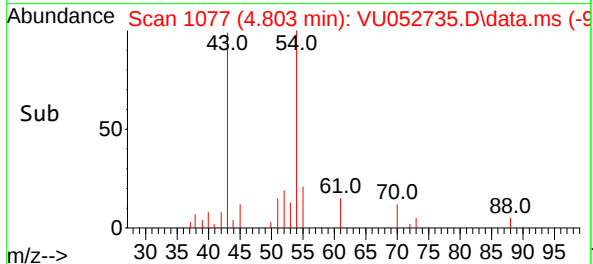
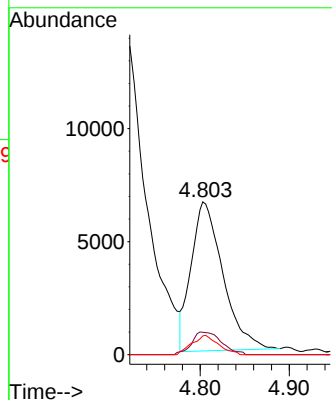
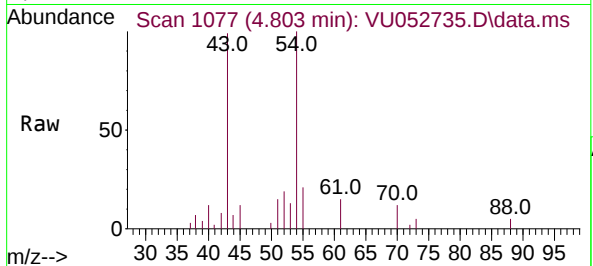
Tgt Ion: 43 Resp: 16346

Ion Ratio Lower Upper

43 100

61 14.2 12.2 18.4

70 10.8 8.9 13.3



#38

Carbon Tetrachloride

Concen: 5.250 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

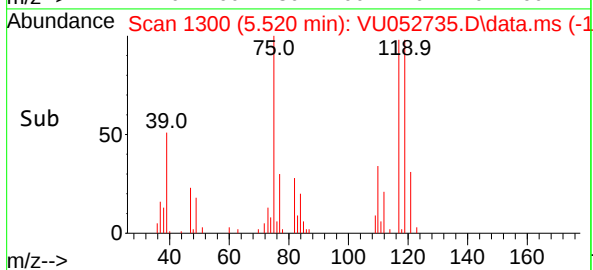
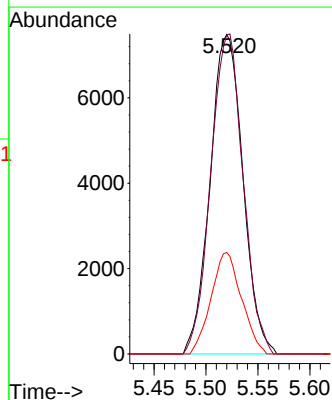
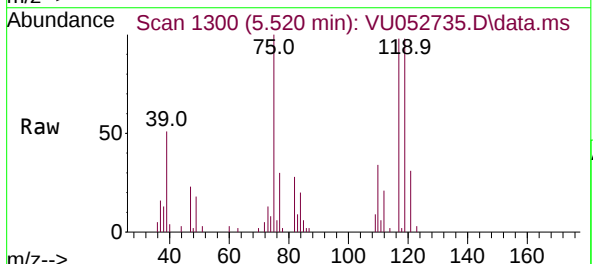
Tgt Ion: 117 Resp: 16442

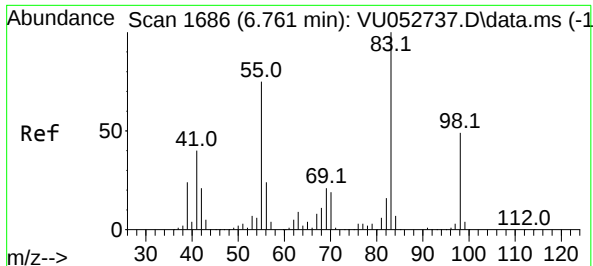
Ion Ratio Lower Upper

117 100

119 99.9 75.6 113.4

121 31.7 24.2 36.4





#39

Methylcyclohexane

Concen: 4.609 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

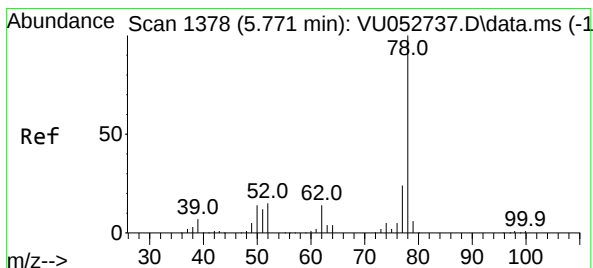
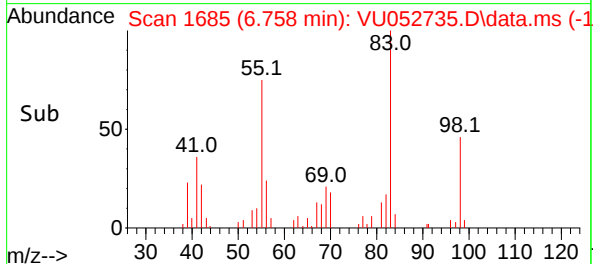
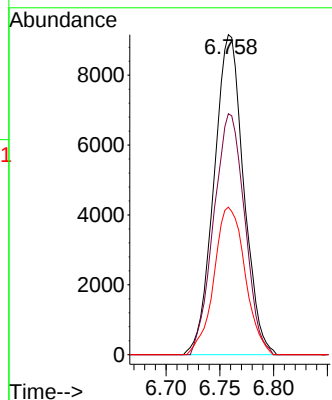
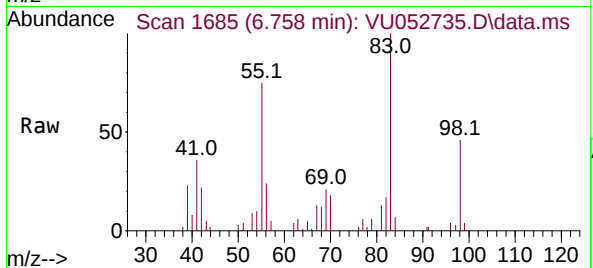
Tgt Ion: 83 Resp: 17598

Ion Ratio Lower Upper

83 100

55 75.3 60.4 90.6

98 46.1 38.9 58.3



#40

Benzene

Concen: 5.113 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052735.D

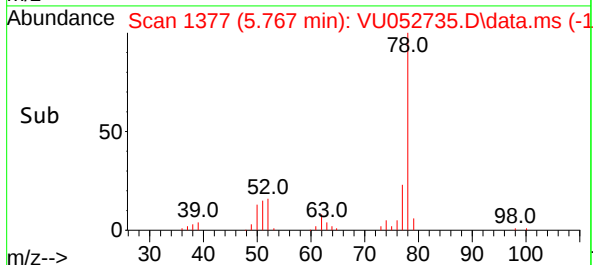
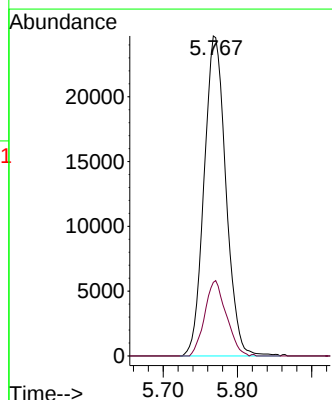
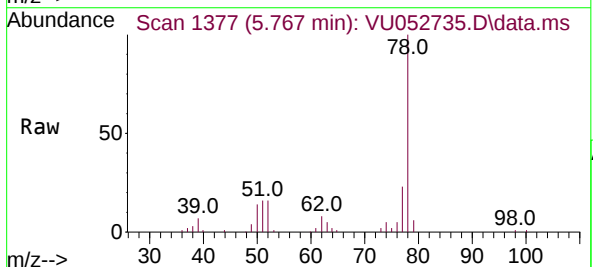
Acq: 19 Jan 2023 13:21

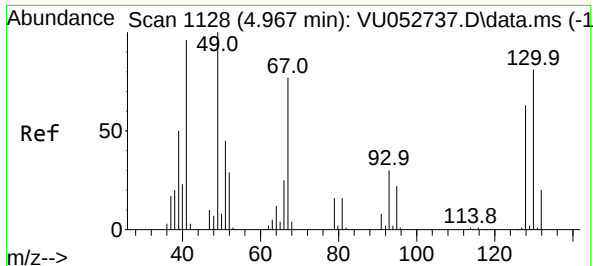
Tgt Ion: 78 Resp: 50304

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3



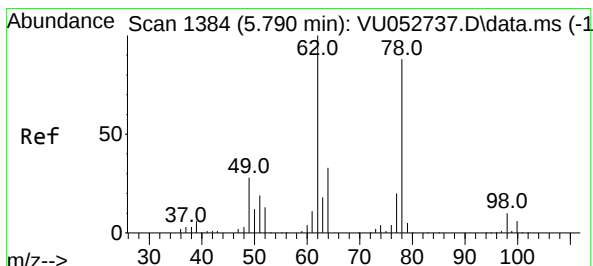
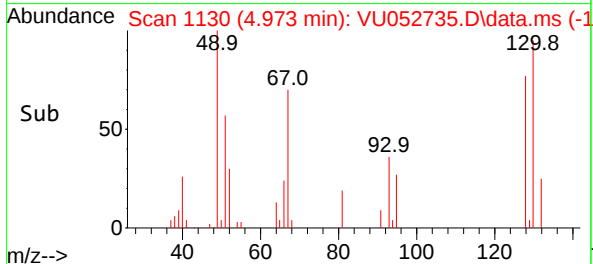
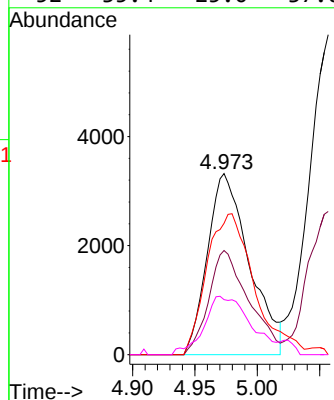
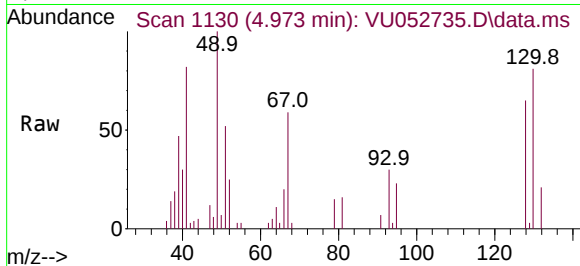


#41
Methacrylonitrile
Concen: 3.986 ug/l
RT: 4.973 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 7752

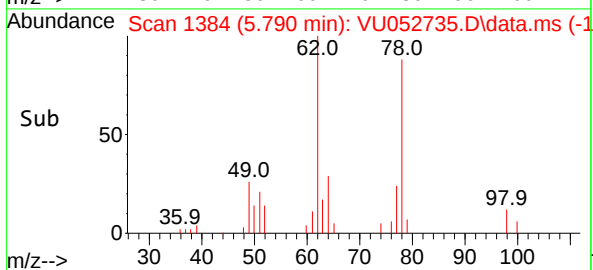
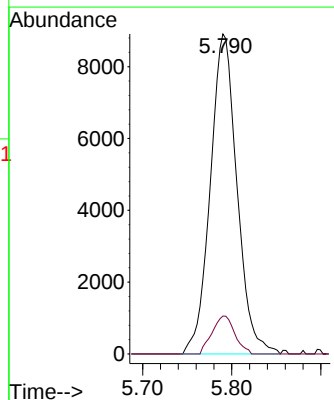
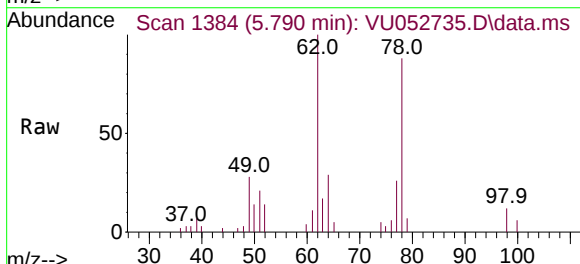
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	88.4	65.0	97.6
52	35.4	25.0	37.6



#42
1,2-Dichloroethane
Concen: 5.237 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 62 Resp: 18577

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 4.260 ug/l

RT: 5.909 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

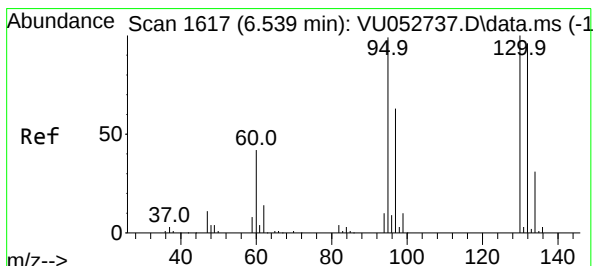
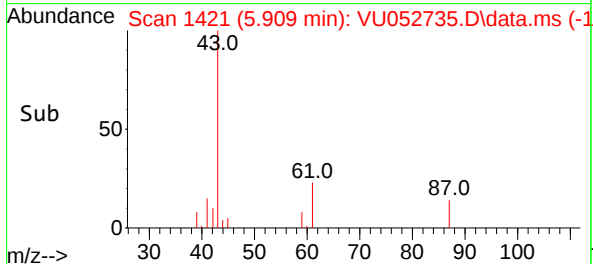
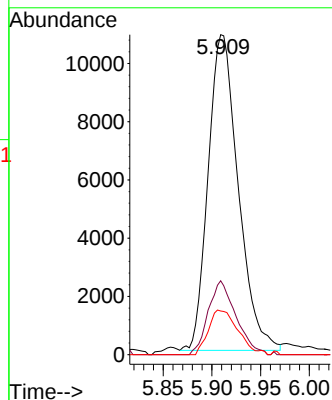
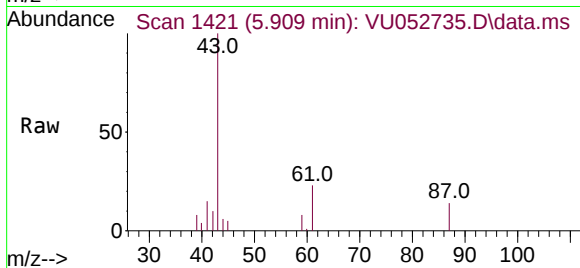
Tgt Ion: 43 Resp: 23275

Ion Ratio Lower Upper

43 100

61 21.5 18.1 27.1

87 13.9 11.7 17.5



#44

Trichloroethene

Concen: 5.239 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052735.D

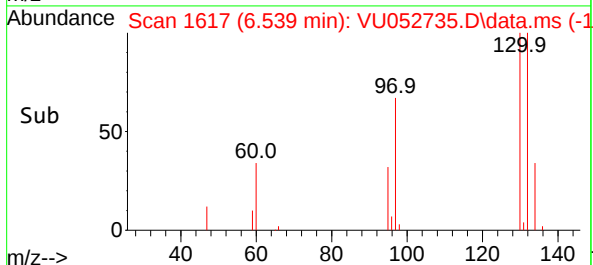
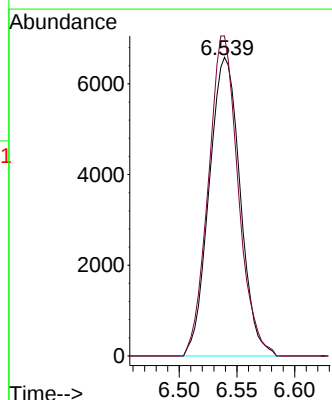
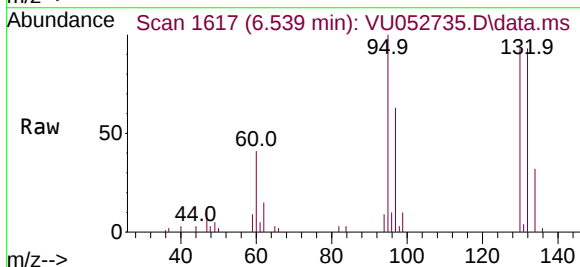
Acq: 19 Jan 2023 13:21

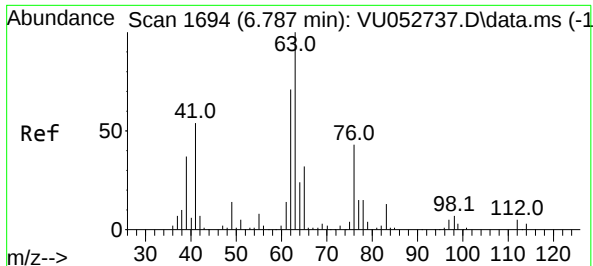
Tgt Ion:130 Resp: 12285

Ion Ratio Lower Upper

130 100

95 107.1 0.0 198.2





#45

1,2-Dichloropropane

Concen: 4.966 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

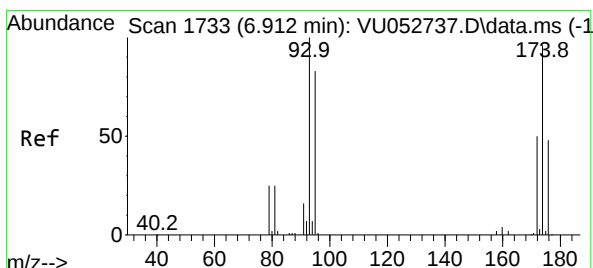
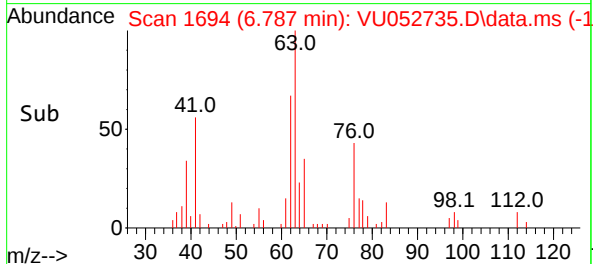
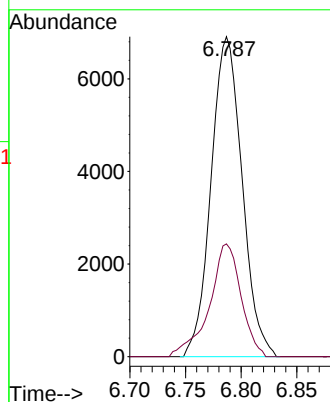
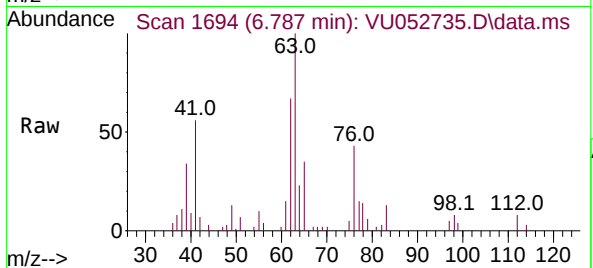
VSTDIC005

Tgt Ion: 63 Resp: 13385

Ion Ratio Lower Upper

63 100

65 35.3 26.0 39.0



#46

Dibromomethane

Concen: 5.137 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

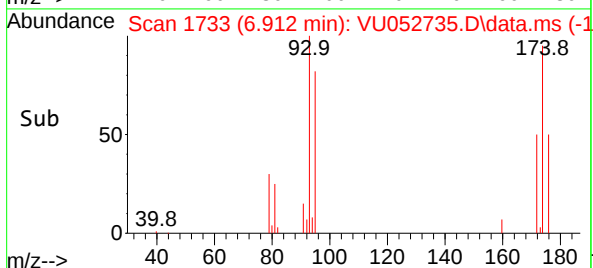
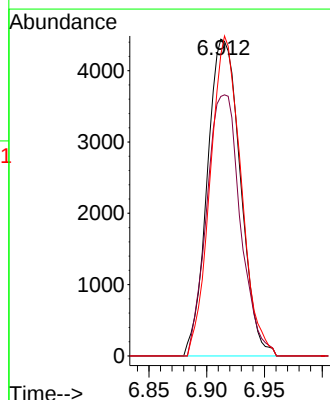
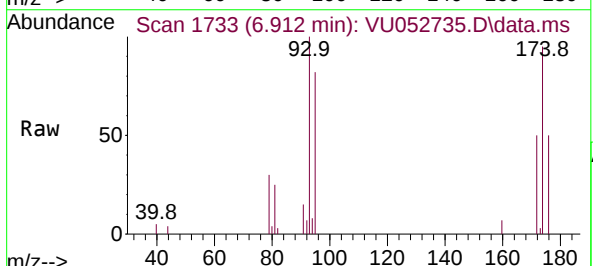
Tgt Ion: 93 Resp: 8832

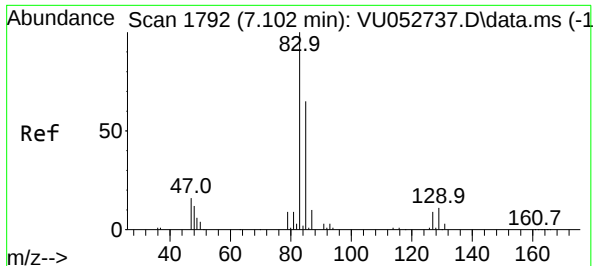
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 94.0 78.6 117.8

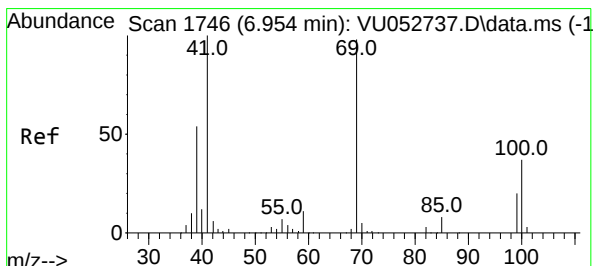
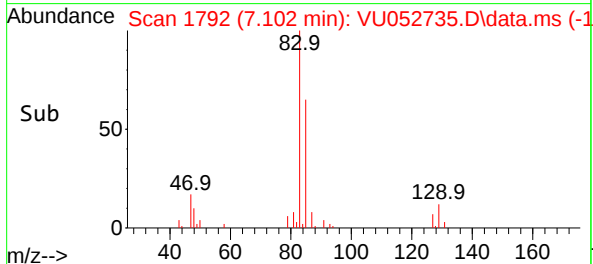
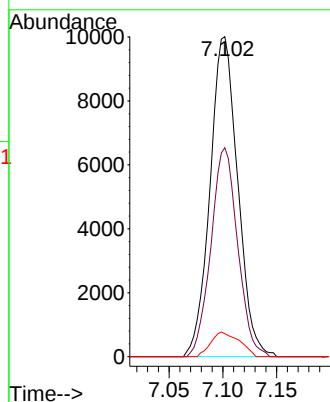
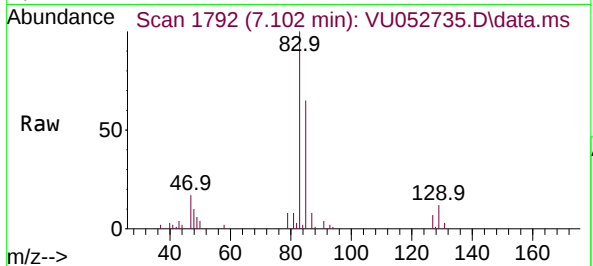




#47
Bromodichloromethane
Concen: 5.113 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

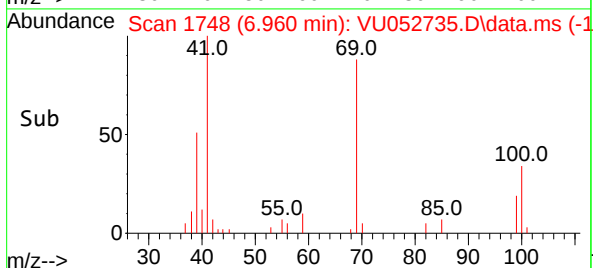
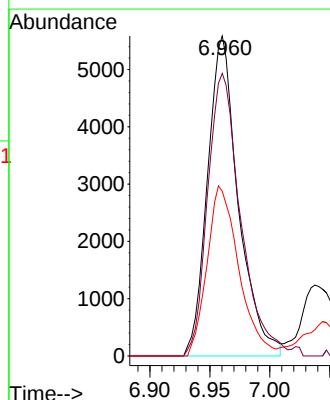
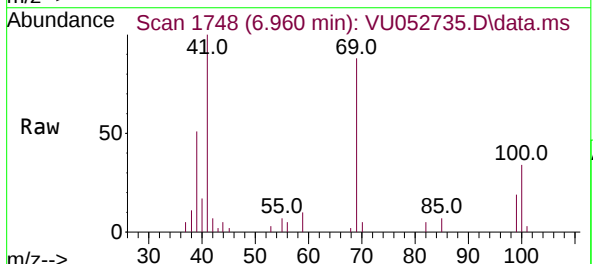
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

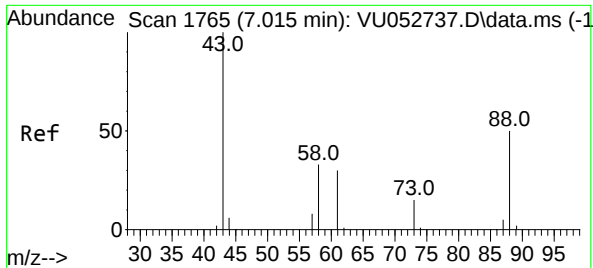
Tgt Ion: 83 Resp: 17962
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4
127 7.2 6.9 10.3



#48
Methyl methacrylate
Concen: 3.921 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 41 Resp: 9972
Ion Ratio Lower Upper
41 100
69 94.3 77.2 115.8
39 54.8 42.9 64.3





#49

1,4-Dioxane

Concen: 59.871 ug/l

RT: 7.034 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

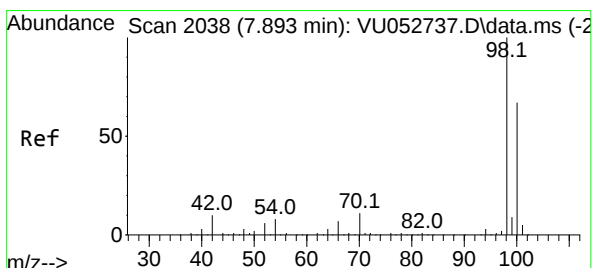
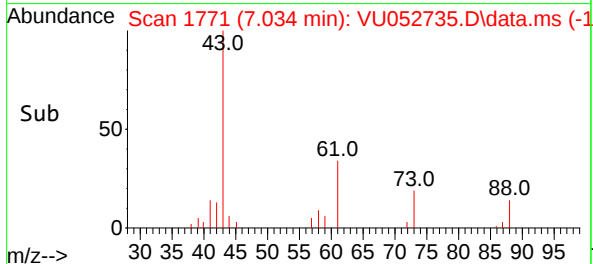
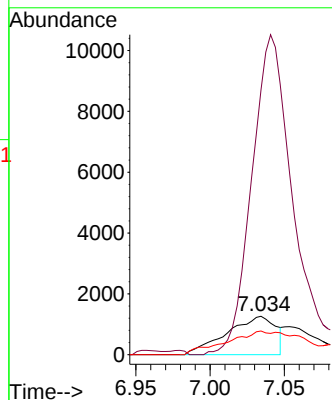
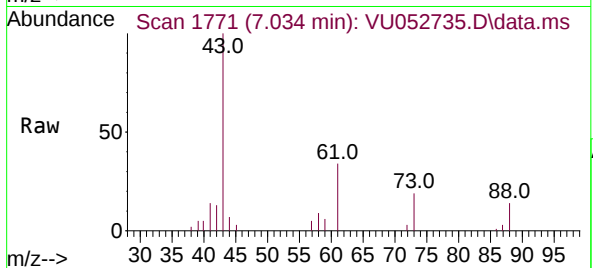
Tgt Ion: 88 Resp: 2901

Ion Ratio Lower Upper

88 100

43 718.0 374.7 562.1#

58 55.0 59.2 88.8#



#50

Toluene-d8

Concen: 5.186 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052735.D

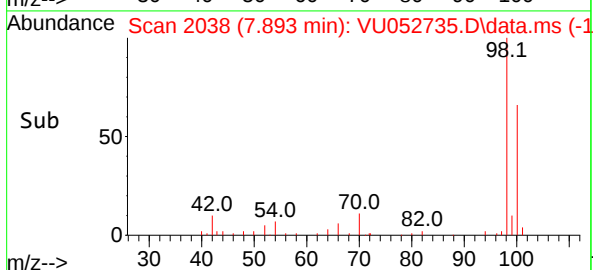
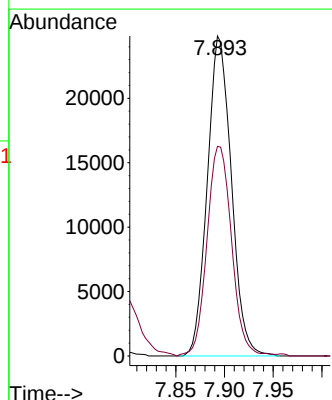
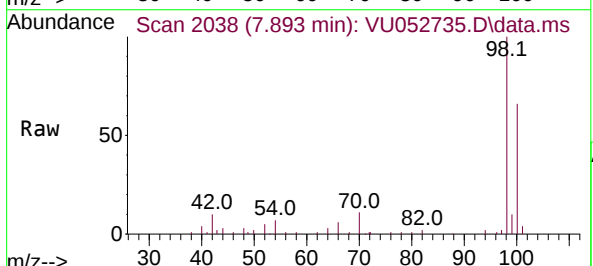
Acq: 19 Jan 2023 13:21

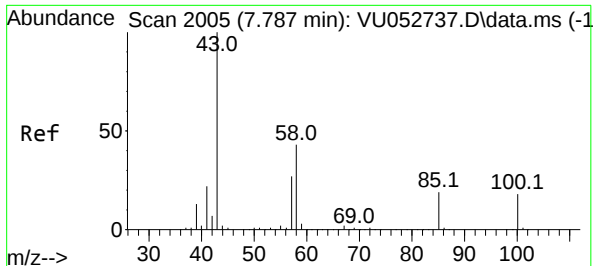
Tgt Ion: 98 Resp: 42608

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 21.016 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

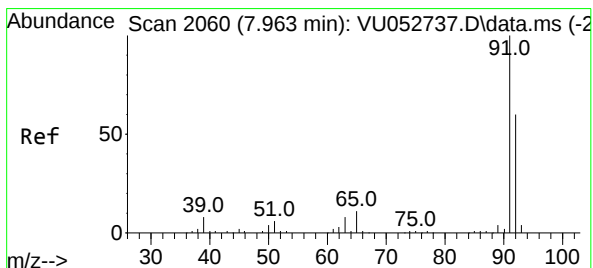
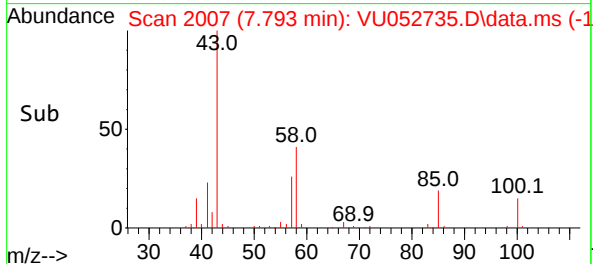
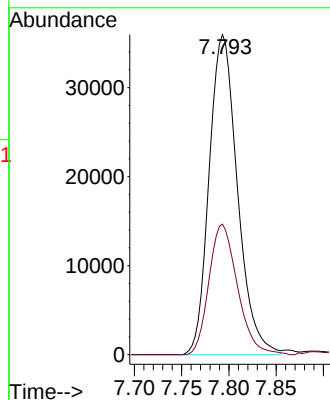
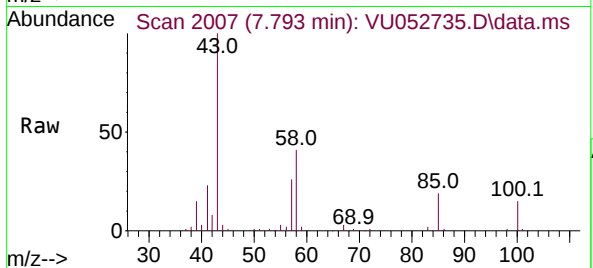
VSTDIC005

Tgt Ion: 43 Resp: 74846

Ion Ratio Lower Upper

43 100

58 41.1 34.6 52.0



#52

Toluene

Concen: 5.071 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052735.D

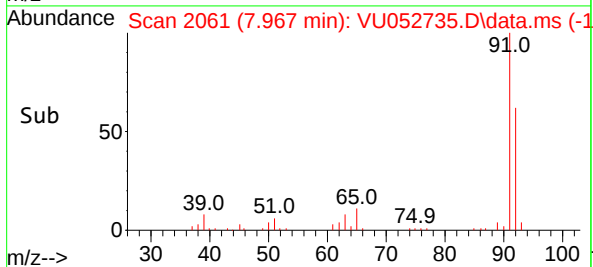
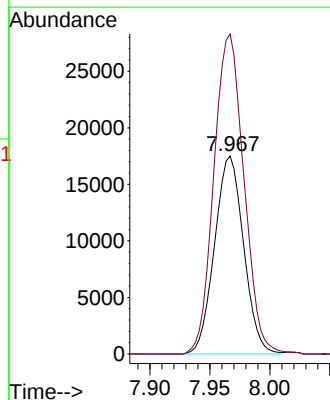
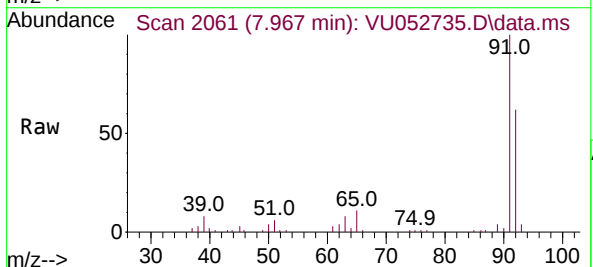
Acq: 19 Jan 2023 13:21

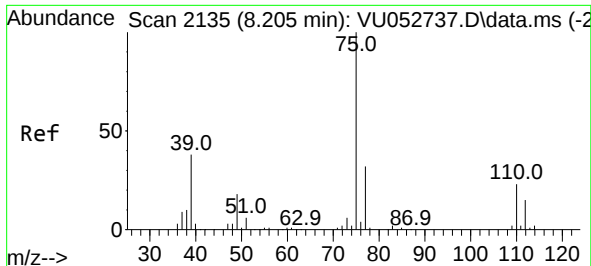
Tgt Ion: 92 Resp: 29452

Ion Ratio Lower Upper

92 100

91 167.4 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 4.553 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

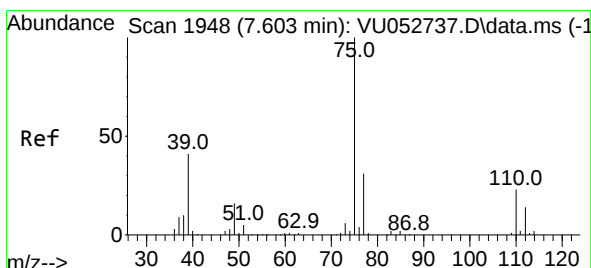
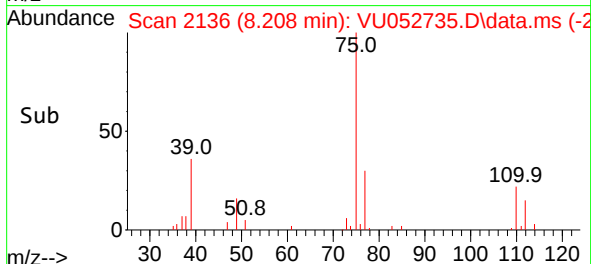
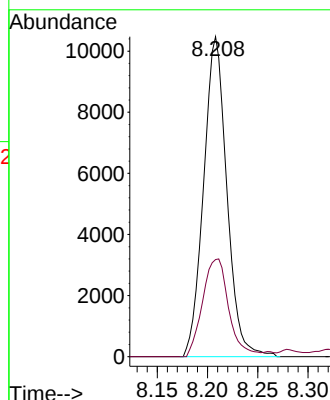
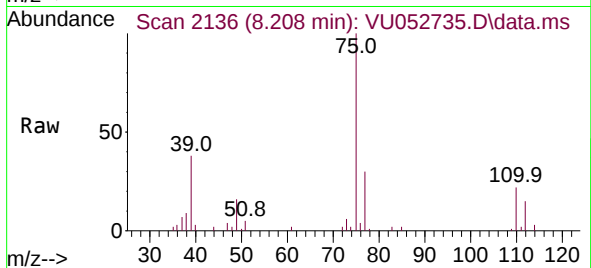
VSTDIC005

Tgt Ion: 75 Resp: 16856

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 4.544 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

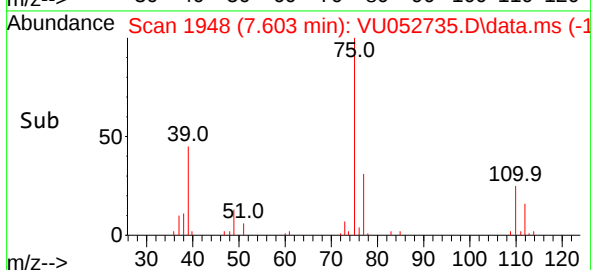
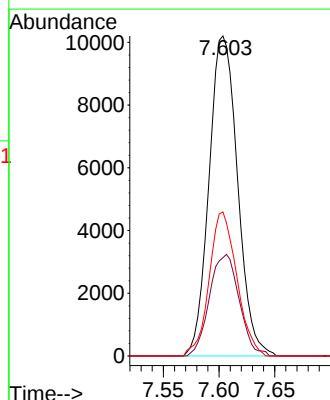
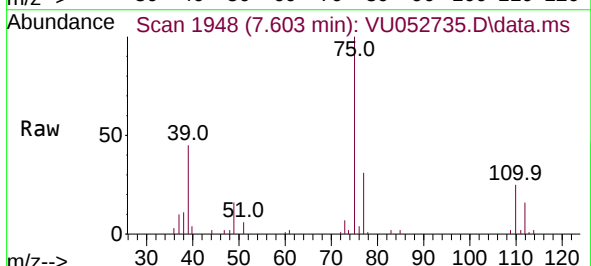
Tgt Ion: 75 Resp: 18218

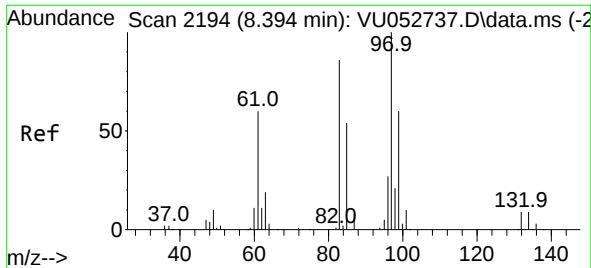
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

39 45.0 32.9 49.3

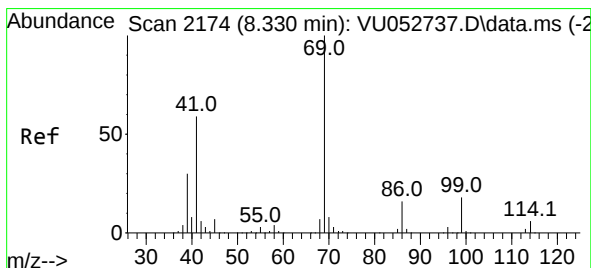
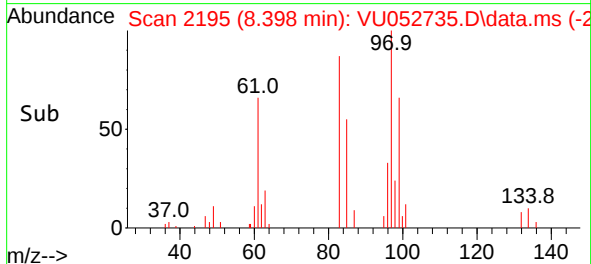
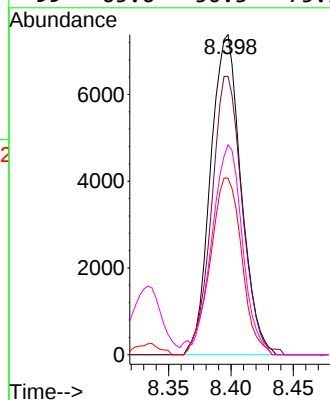
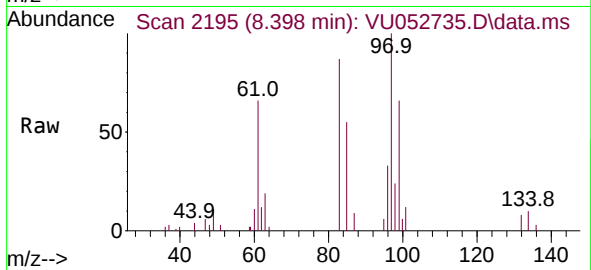




#55
1,1,2-Trichloroethane
Concen: 5.218 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

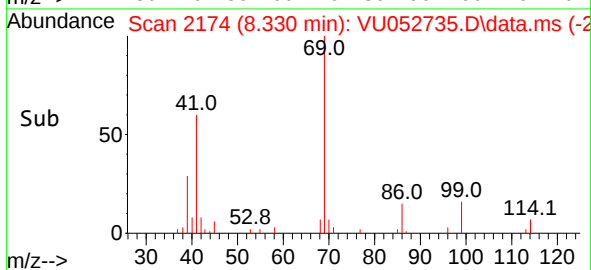
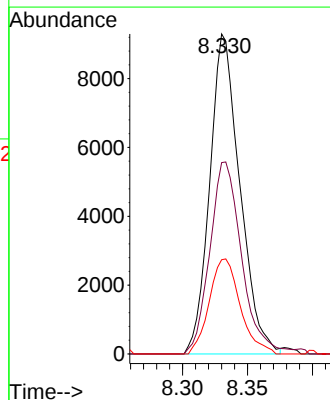
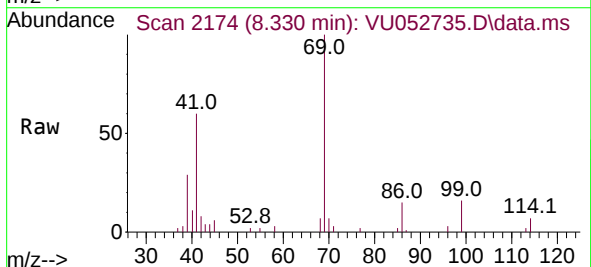
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

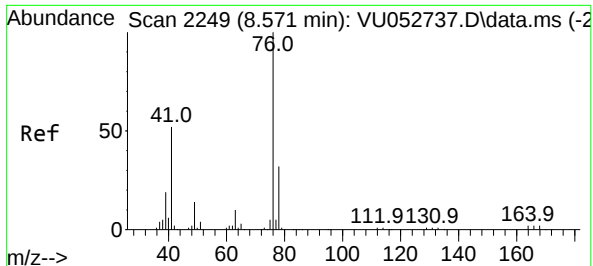
Tgt Ion: 97	Resp: 12557
Ion Ratio	Lower Upper
97 100	
83 87.0	69.2 103.8
85 55.2	43.8 65.8
99 65.6	50.3 75.5



#56
Ethyl methacrylate
Concen: 4.274 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 69	Resp: 15005
Ion Ratio	Lower Upper
69 100	
41 63.3	47.6 71.4
39 30.5	24.3 36.5





#57

1,3-Dichloropropane

Concen: 5.111 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

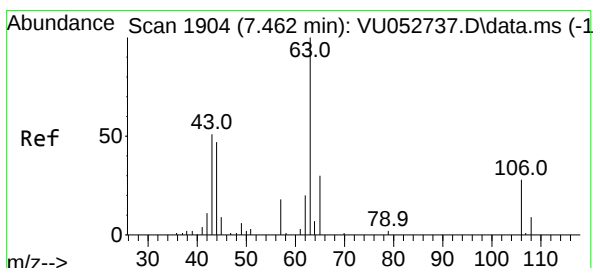
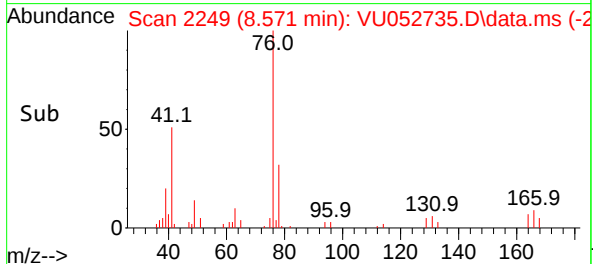
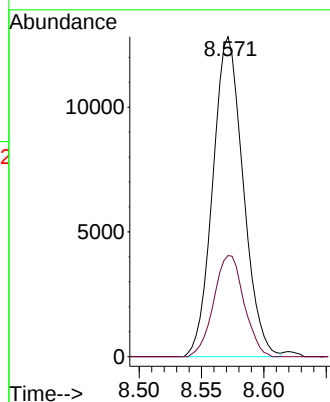
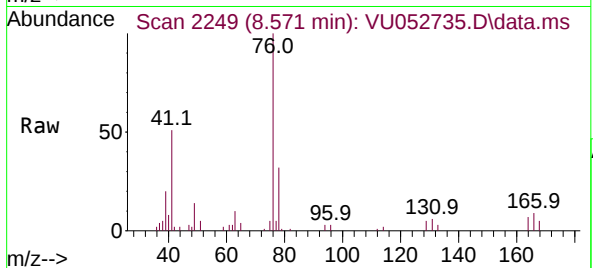
VSTDIC005

Tgt Ion: 76 Resp: 21755

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 15.503 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU052735.D

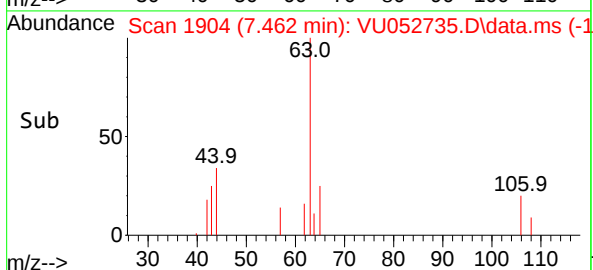
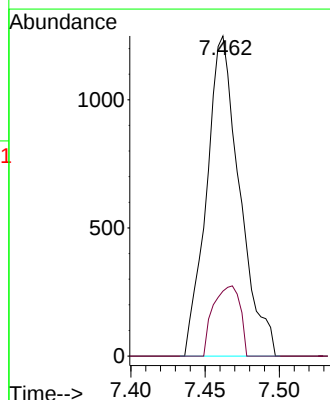
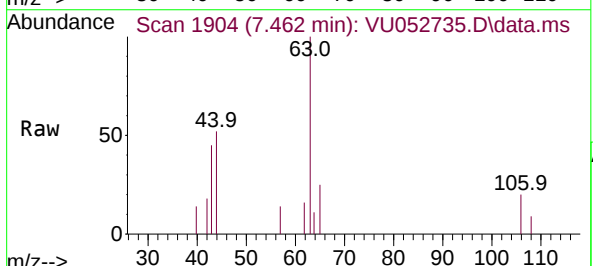
Acq: 19 Jan 2023 13:21

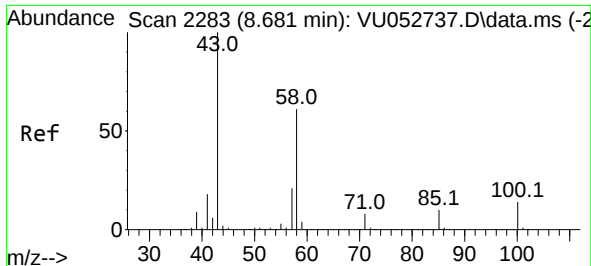
Tgt Ion: 63 Resp: 1936

Ion Ratio Lower Upper

63 100

106 17.7 23.2 34.8#





#59

2-Hexanone

Concen: 20.850 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

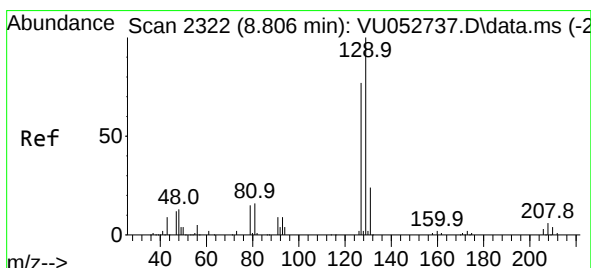
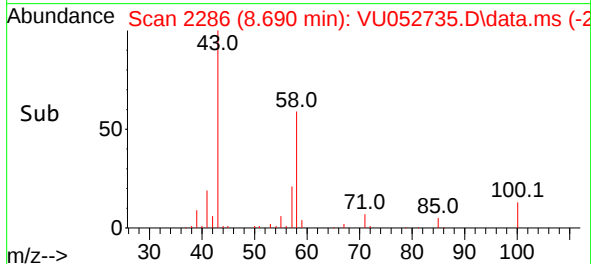
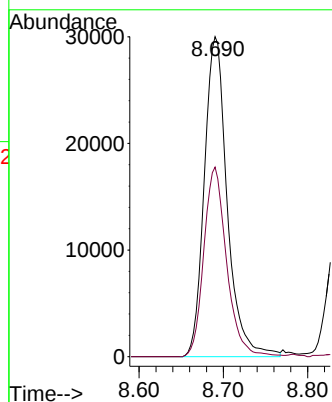
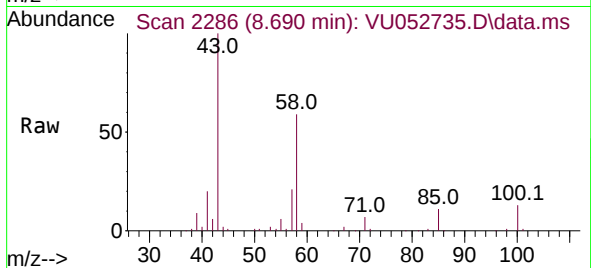
VSTDIC005

Tgt Ion: 43 Resp: 56816

Ion Ratio Lower Upper

43 100

58 59.0 29.8 89.5



#60

Dibromochloromethane

Concen: 5.162 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052735.D

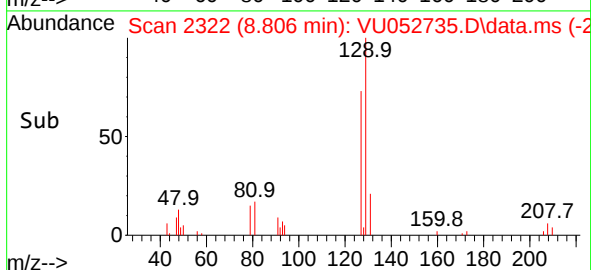
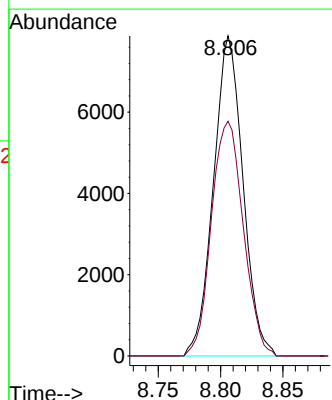
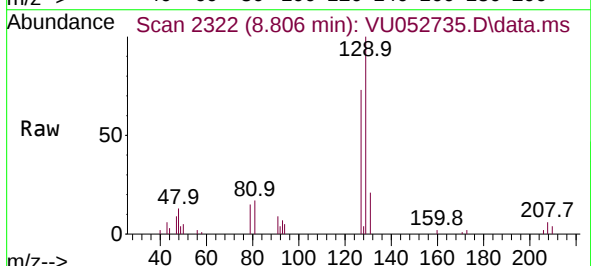
Acq: 19 Jan 2023 13:21

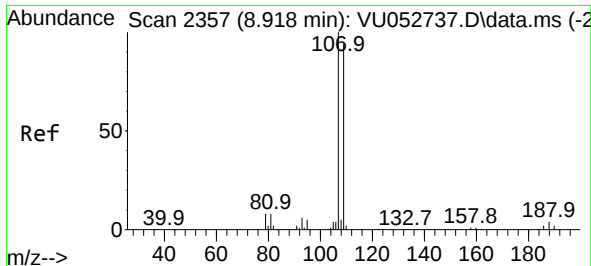
Tgt Ion: 129 Resp: 12973

Ion Ratio Lower Upper

129 100

127 79.2 39.1 117.2

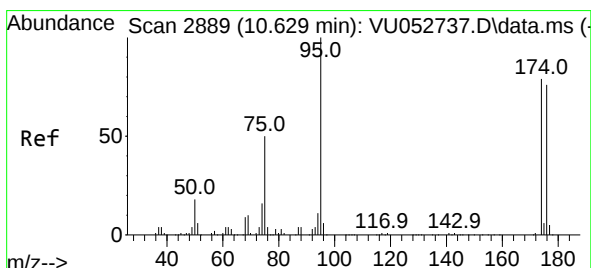
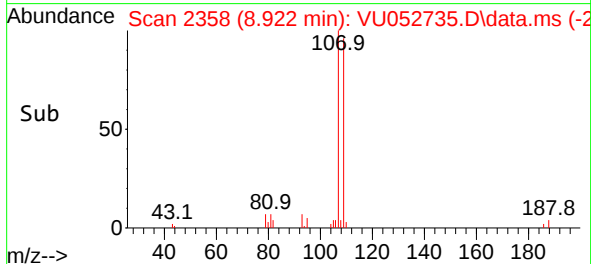
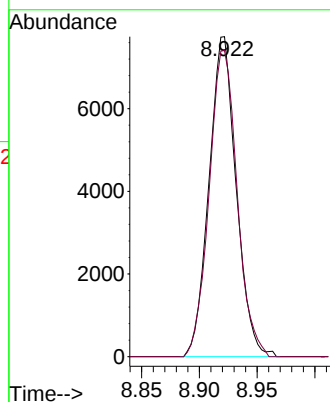
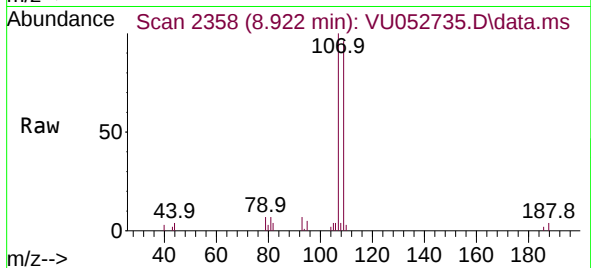




#61
1,2-Dibromoethane
Concen: 5.199 ug/l
RT: 8.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

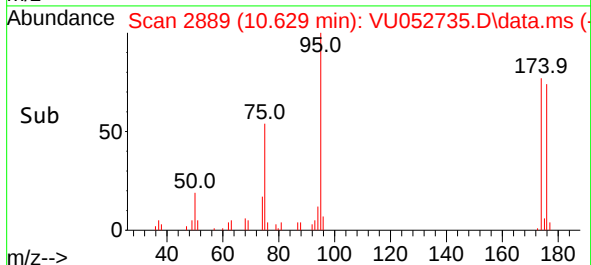
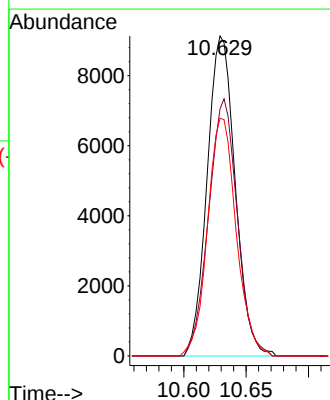
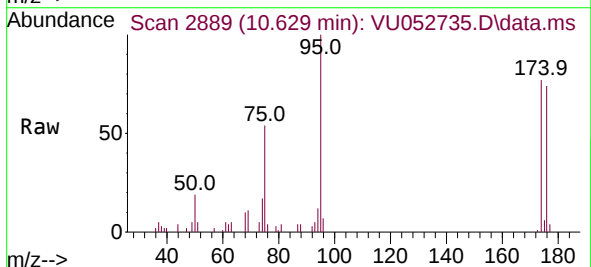
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

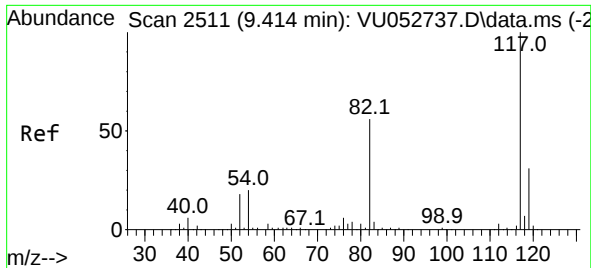
Tgt Ion:107 Resp: 12689
Ion Ratio Lower Upper
107 100
109 98.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 4.811 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 95 Resp: 14327
Ion Ratio Lower Upper
95 100
174 81.7 0.0 158.6
176 75.9 0.0 150.6

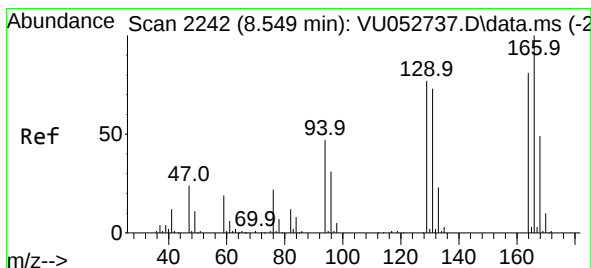
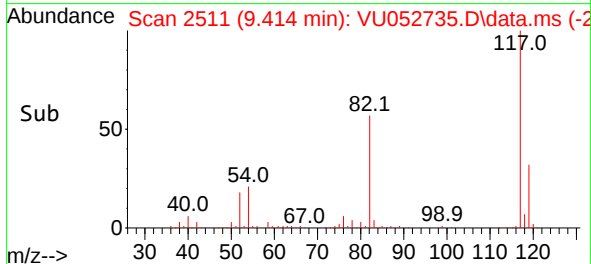
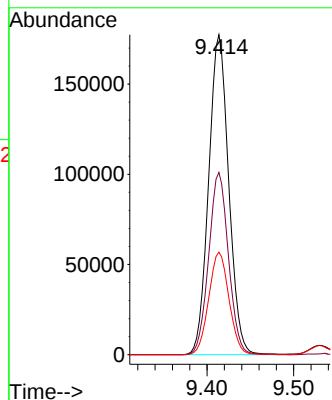
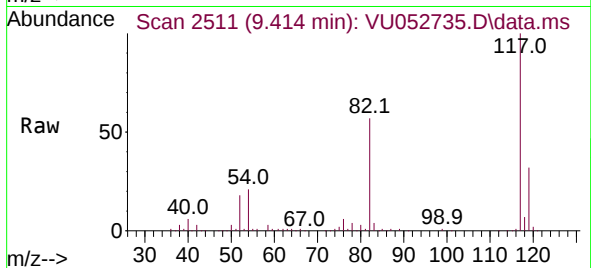




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

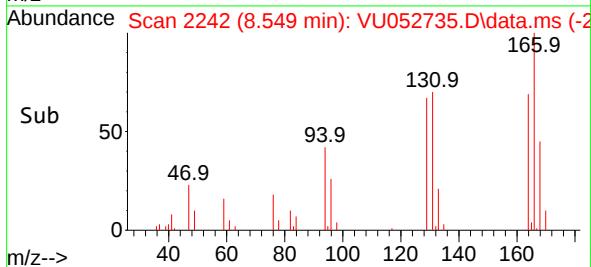
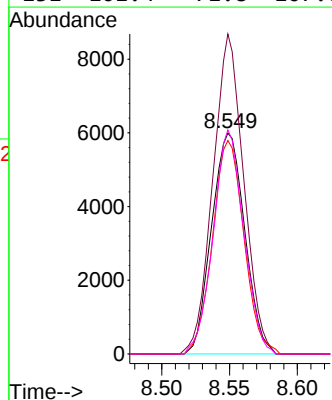
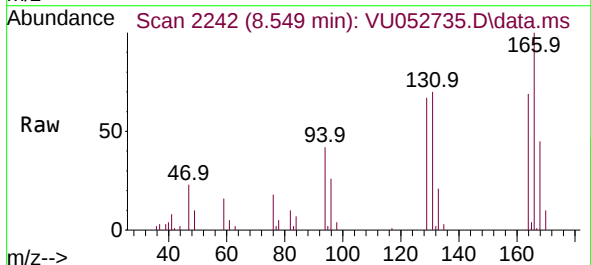
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

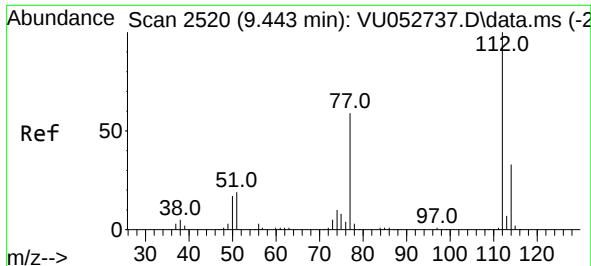
Tgt Ion:117 Resp: 285353
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 32.0 25.0 37.6



#64
Tetrachloroethene
Concen: 5.480 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:164 Resp: 10167
Ion Ratio Lower Upper
164 100
166 144.9 98.9 148.3
129 96.6 76.0 114.0
131 101.4 71.8 107.6

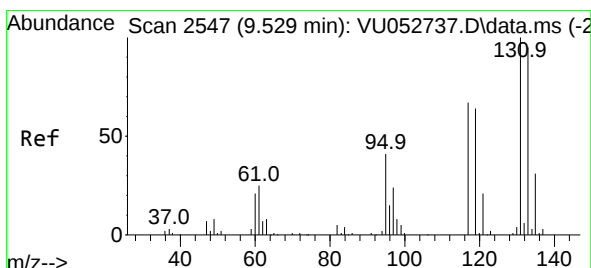
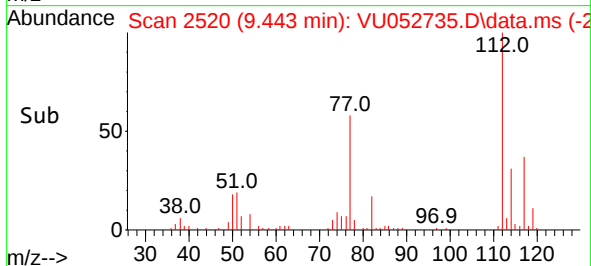
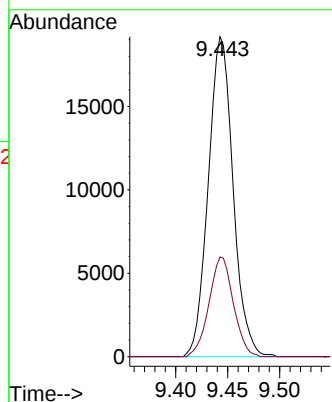
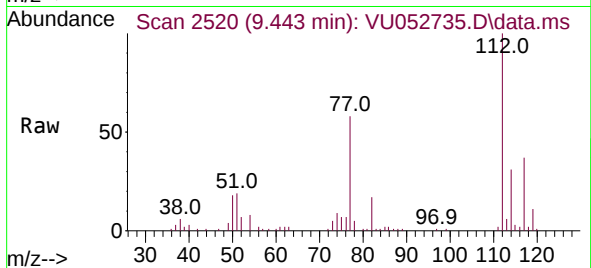




#65
Chlorobenzene
Concen: 5.263 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

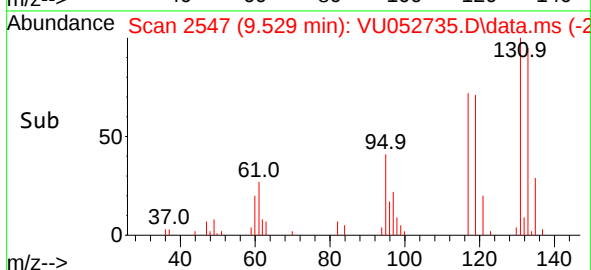
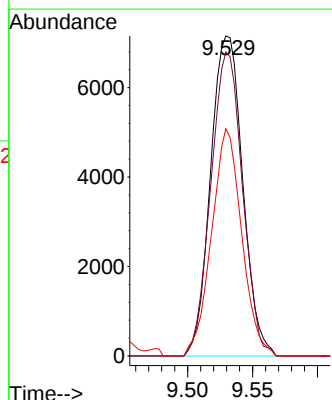
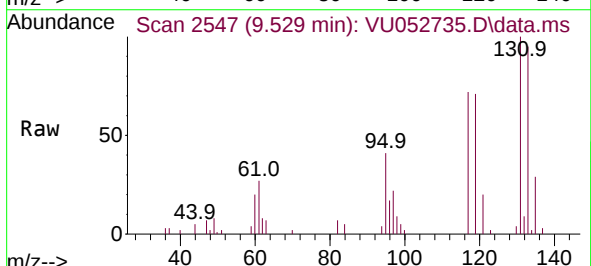
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

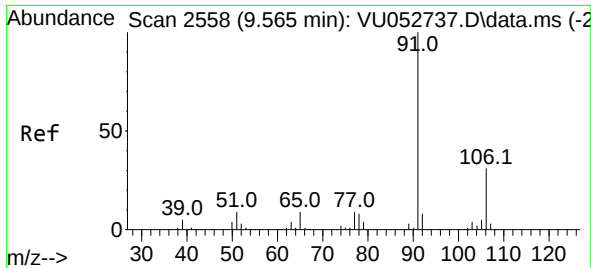
Tgt Ion:112 Resp: 31787
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.592 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:131 Resp: 12271
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.0
119 66.7 32.1 96.3

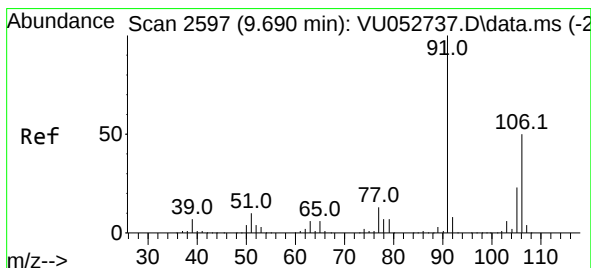
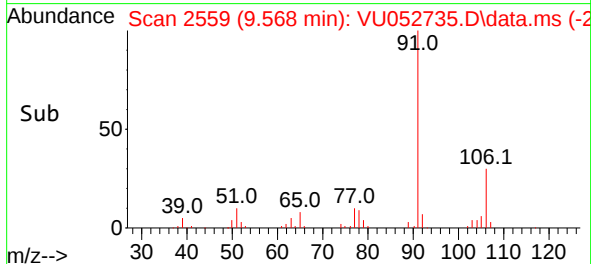
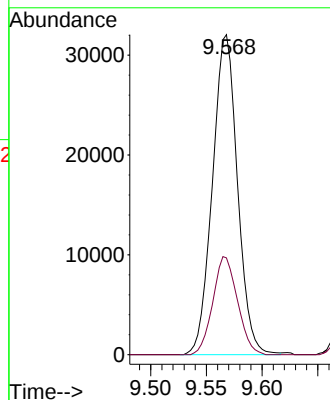
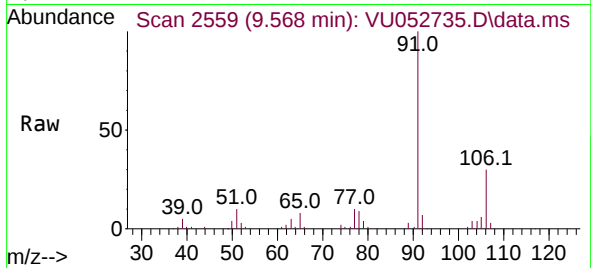




#67
Ethyl Benzene
Concen: 4.809 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

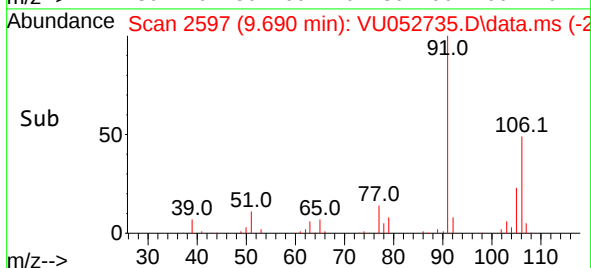
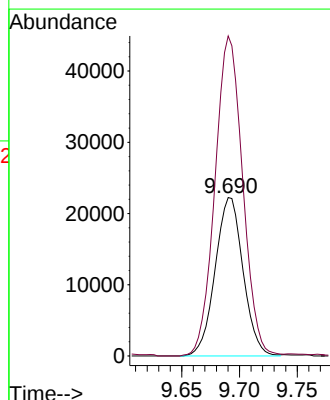
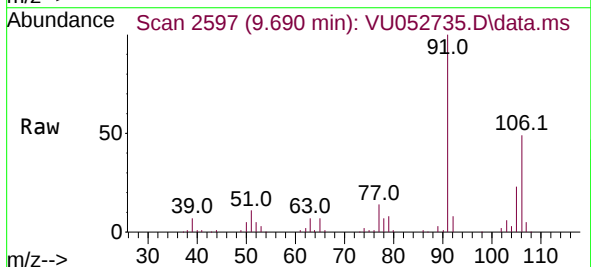
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

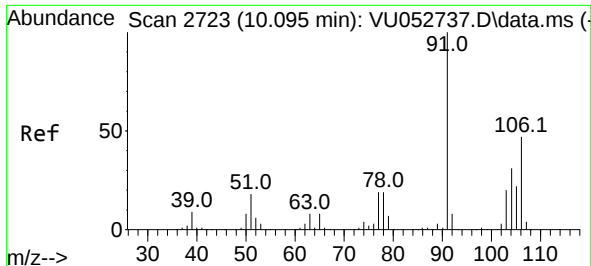
Tgt Ion: 91 Resp: 50118
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0



#68
m/p-Xylenes
Concen: 9.471 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 106 Resp: 37365
Ion Ratio Lower Upper
106 100
91 200.6 160.8 241.2

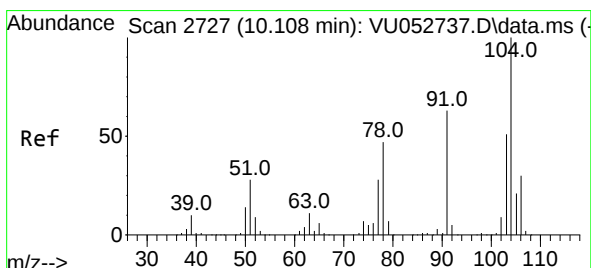
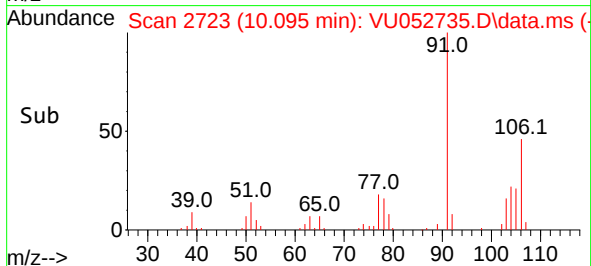
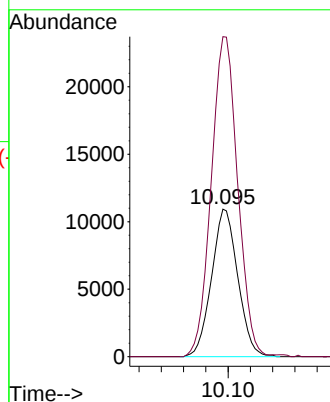
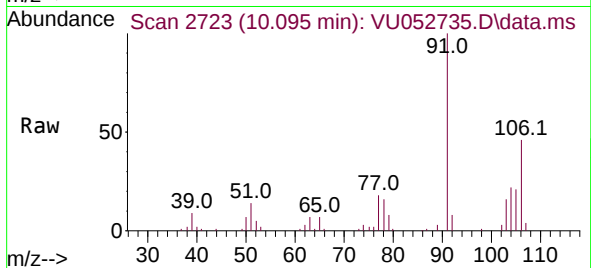




#69
o-Xylene
Concen: 4.755 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

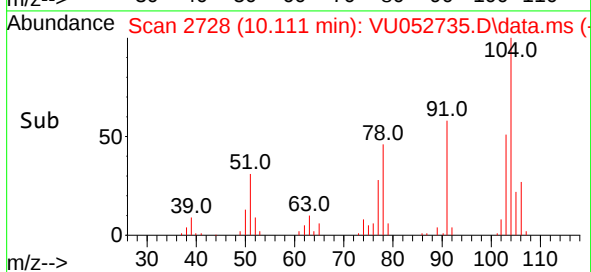
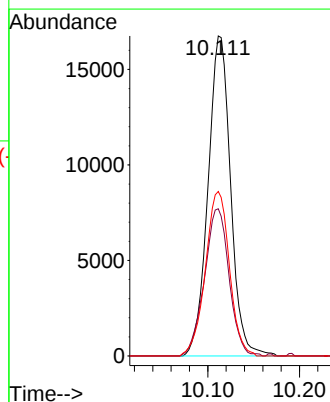
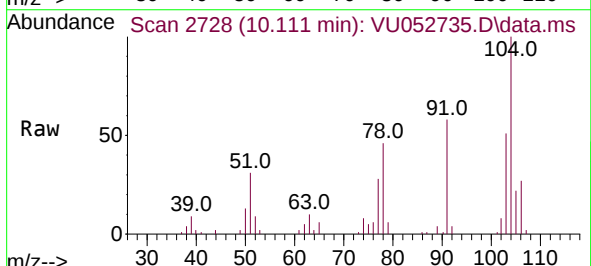
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

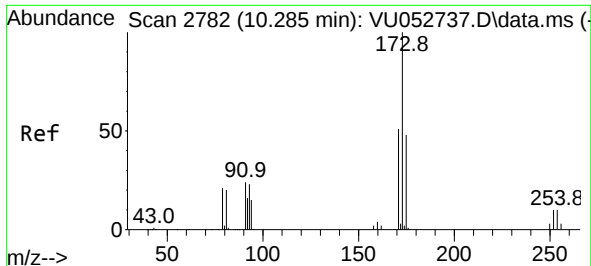
Tgt Ion:106 Resp: 17858
Ion Ratio Lower Upper
106 100
91 218.8 107.9 323.7



#70
Styrene
Concen: 4.574 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:104 Resp: 28764
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.5 43.4 65.2

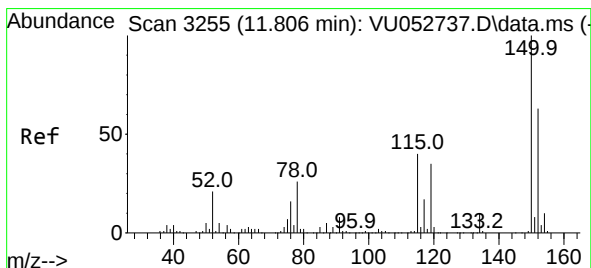
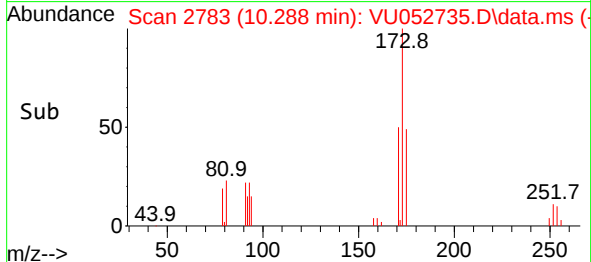
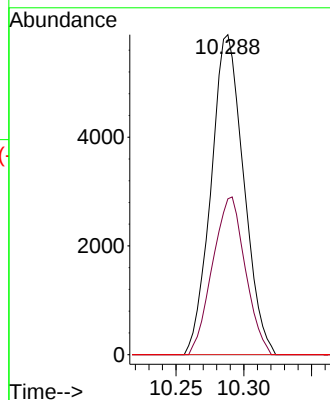
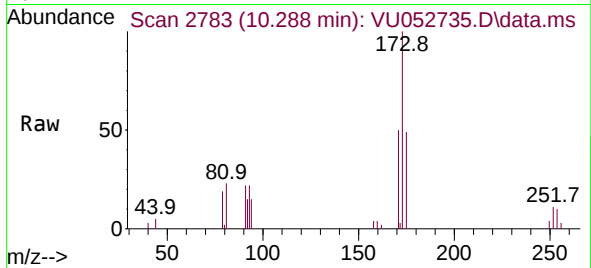




#71
Bromoform
Concen: 5.306 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

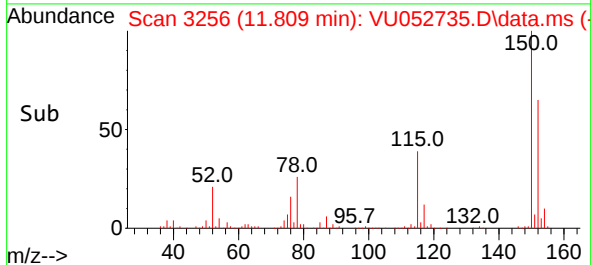
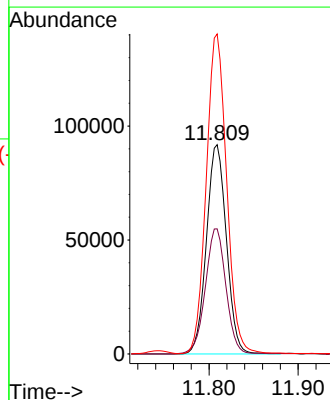
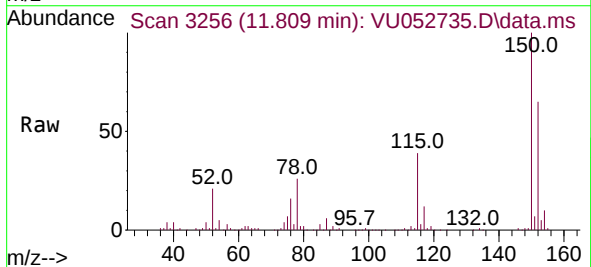
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

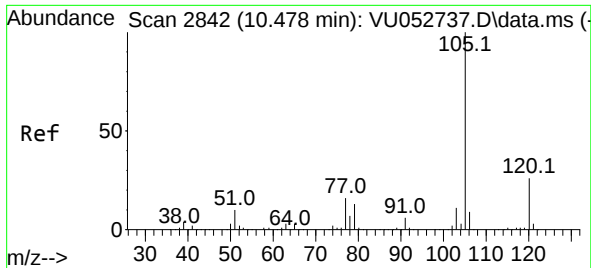
Tgt Ion:173 Resp: 9837
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion:152 Resp: 142767
Ion Ratio Lower Upper
152 100
115 61.7 41.7 125.1
150 156.1 0.0 349.2

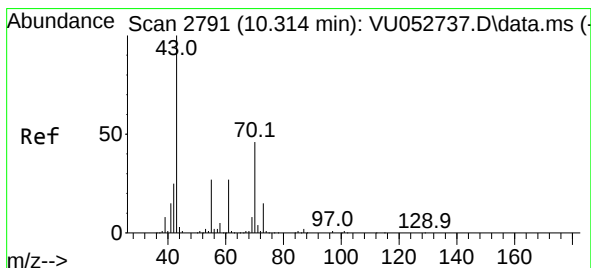
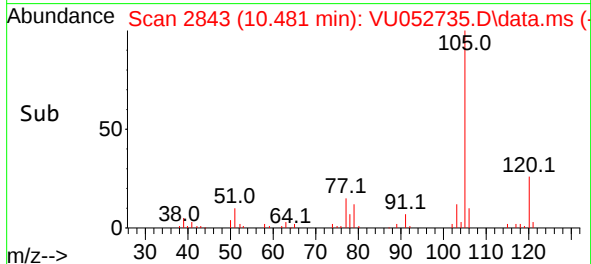
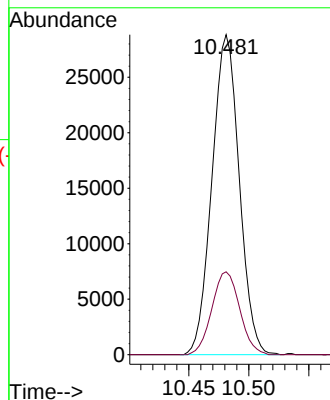
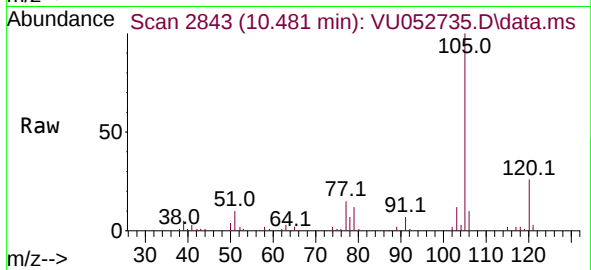




#73
Isopropylbenzene
Concen: 4.699 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

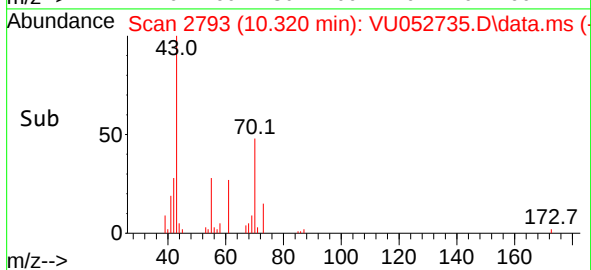
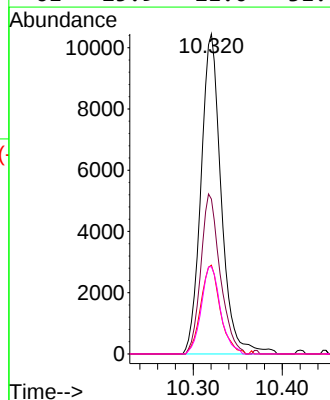
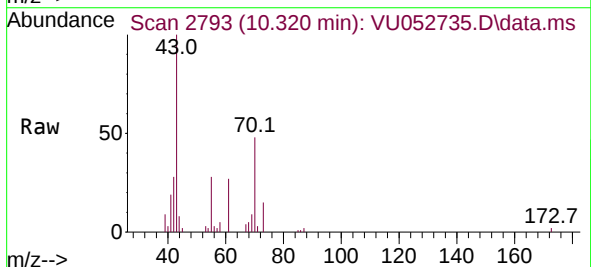
Instrument :
MSVOA_U
ClientSampleId :
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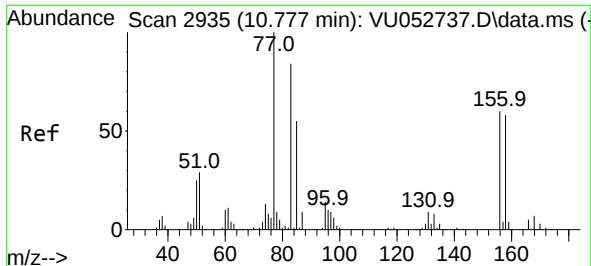
Tgt Ion:105 Resp: 45499
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 3.809 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.006 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 43 Resp: 16468
Ion Ratio Lower Upper
43 100
70 47.6 37.9 56.9
55 26.6 21.9 32.9
61 25.9 21.0 31.6

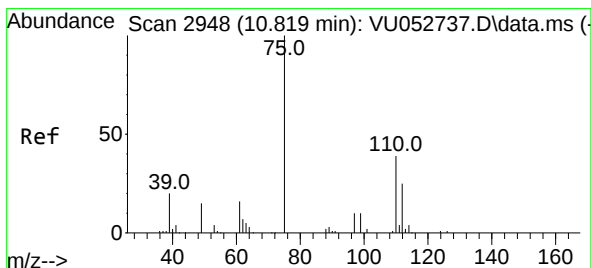
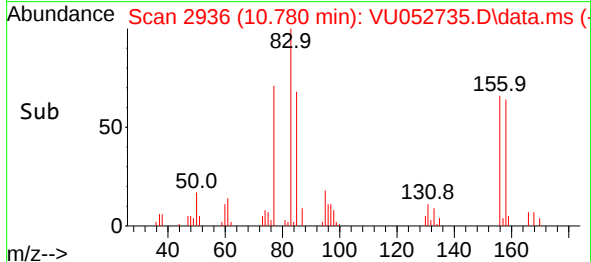
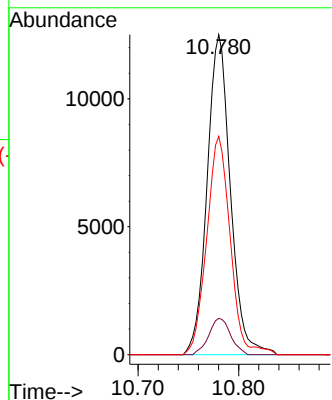
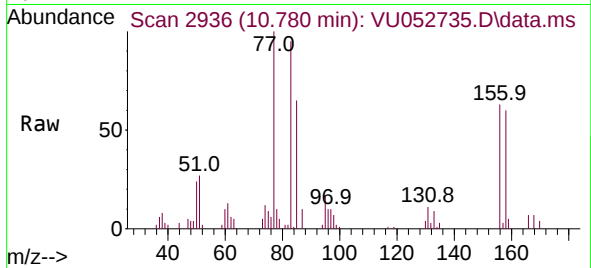




#75
1,1,2,2-Tetrachloroethane
Concen: 4.957 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

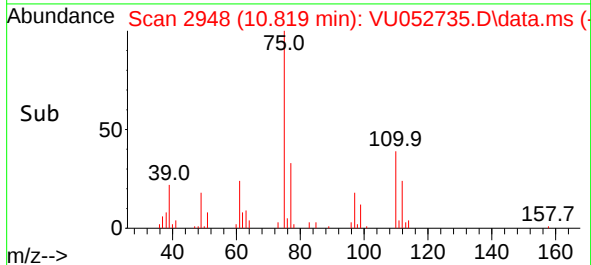
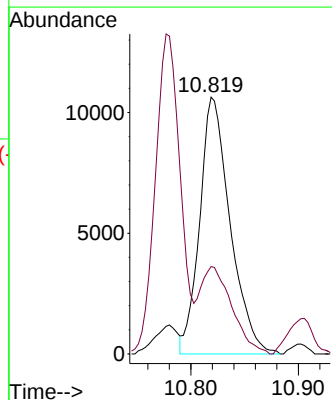
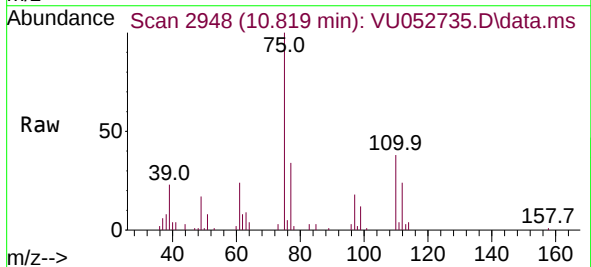
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

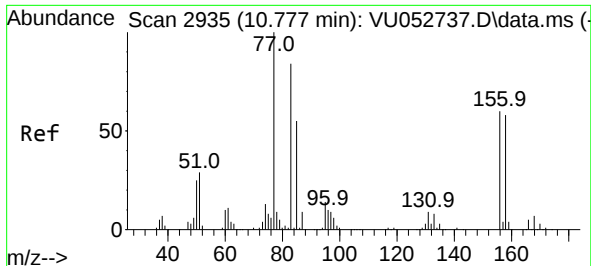
Tgt Ion: 83 Resp: 20140
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 68.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 4.714 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 75 Resp: 20913
Ion Ratio Lower Upper
75 100
77 35.6 15.0 45.1

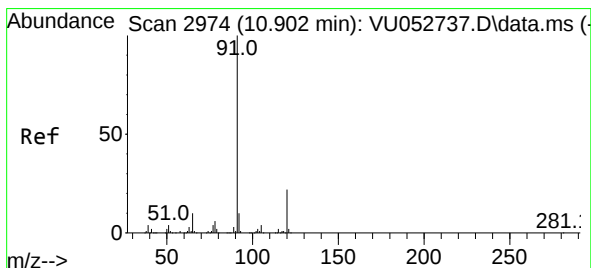
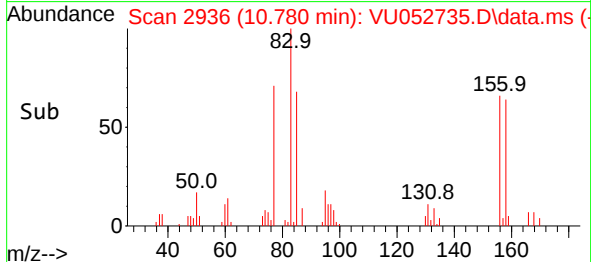
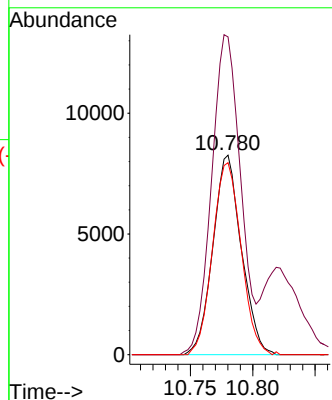
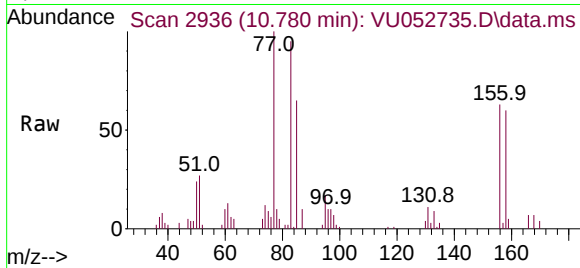




#77
Bromobenzene
Concen: 5.417 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

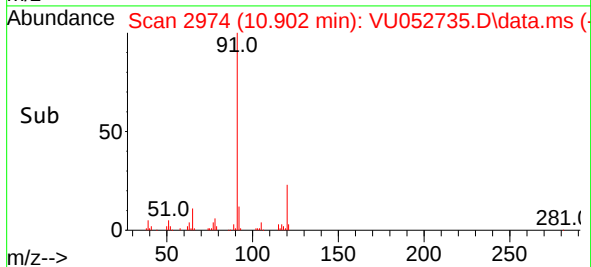
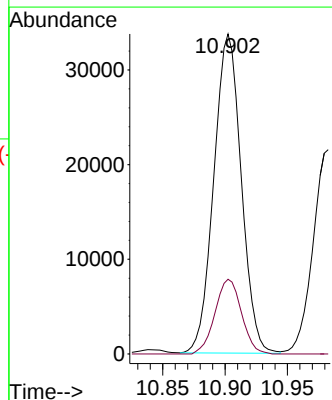
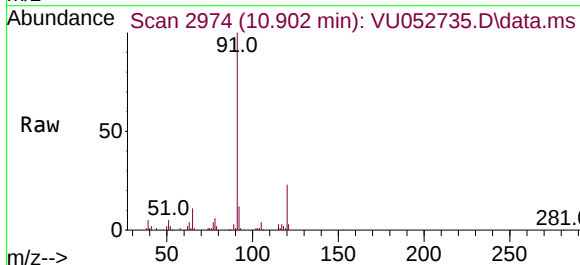
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

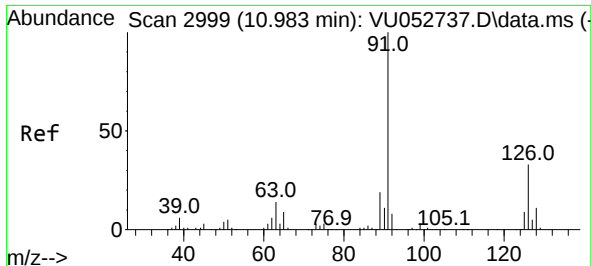
Tgt Ion:156 Resp: 13169
Ion Ratio Lower Upper
156 100
77 162.8 83.8 251.4
158 96.4 48.7 146.1



#78
n-propylbenzene
Concen: 4.406 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 91 Resp: 51621
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

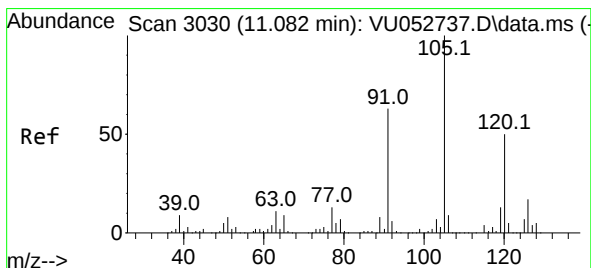
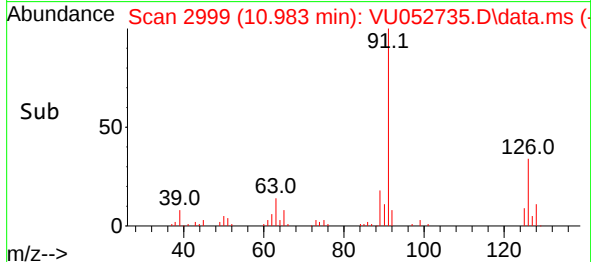
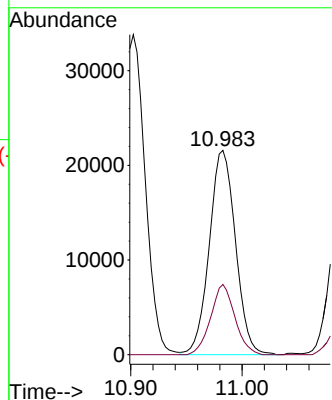
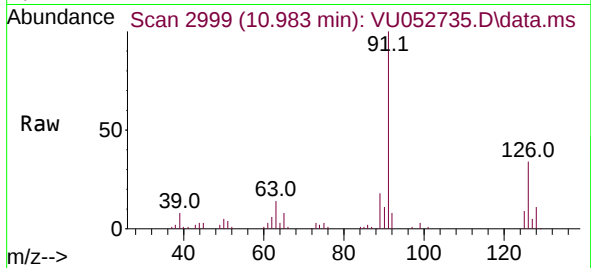




#79
2-Chlorotoluene
Concen: 4.916 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

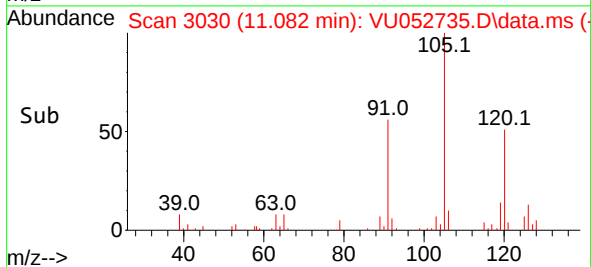
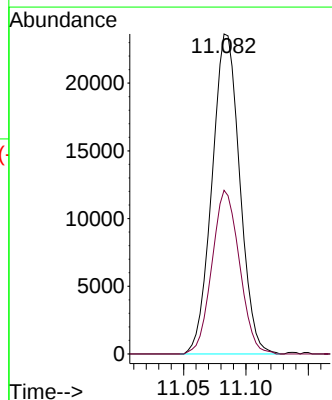
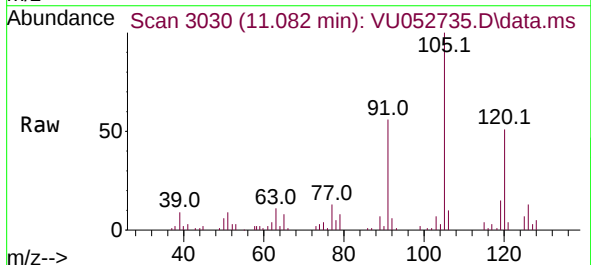
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

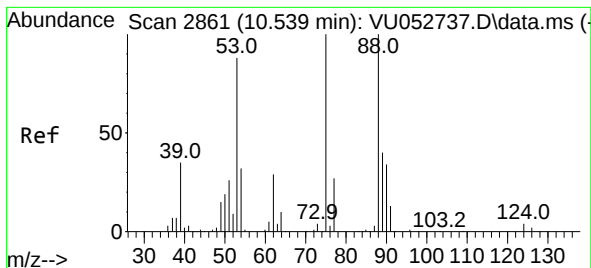
Tgt Ion: 91 Resp: 35329
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 4.479 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 105 Resp: 36560
Ion Ratio Lower Upper
105 100
120 50.8 25.1 75.2

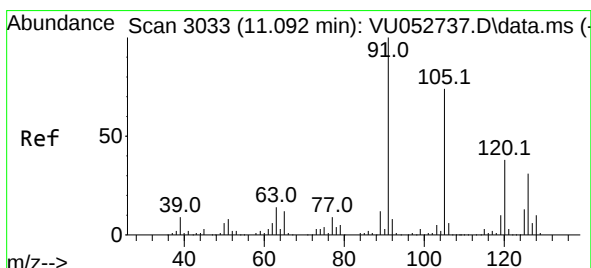
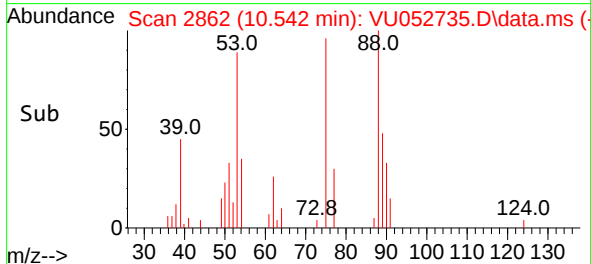
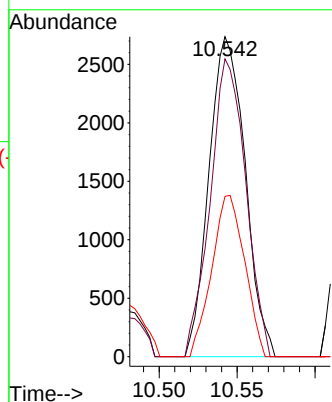
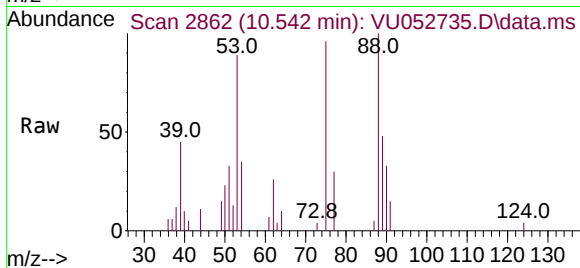




#81
trans-1,4-Dichloro-2-butene
Concen: 3.841 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

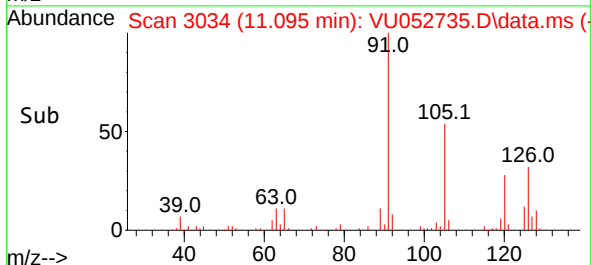
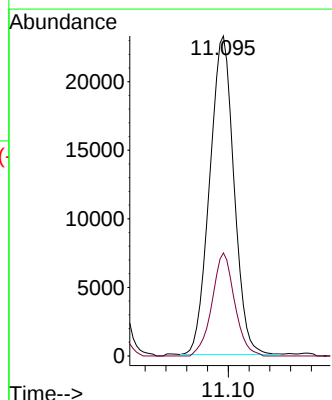
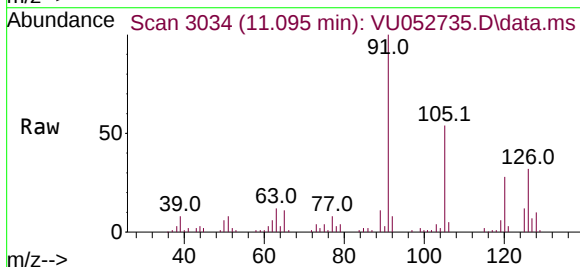
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

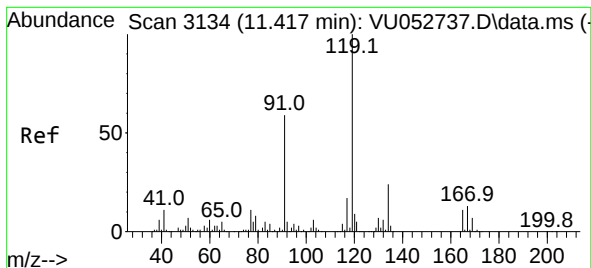
Tgt Ion: 75 Resp: 4411
Ion Ratio Lower Upper
75 100
53 91.2 72.4 108.6
89 45.9 35.0 52.4



#82
4-Chlorotoluene
Concen: 4.610 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 91 Resp: 37629
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.7





#83

tert-Butylbenzene

Concen: 4.819 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

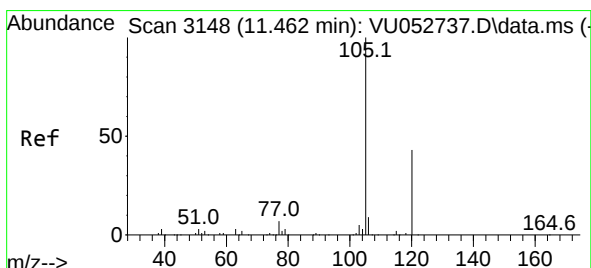
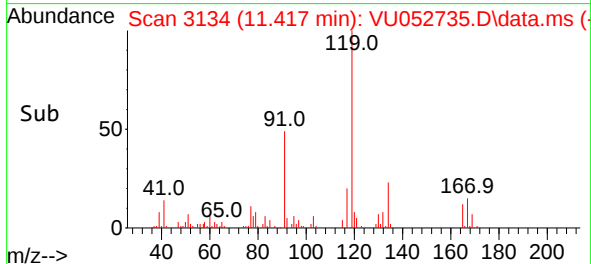
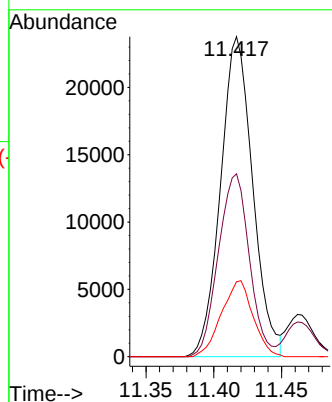
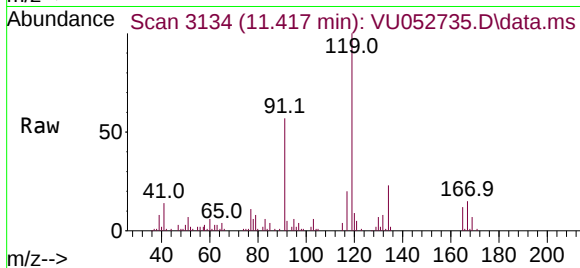
Tgt Ion:119 Resp: 39225

Ion Ratio Lower Upper

119 100

91 55.1 28.4 85.2

134 23.3 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 4.434 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU052735.D

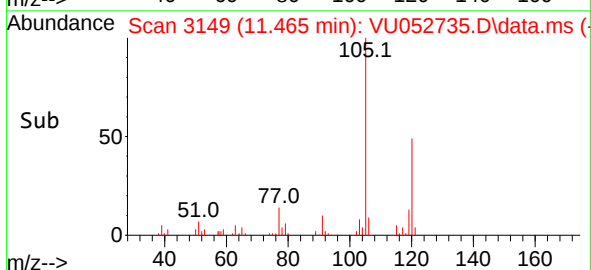
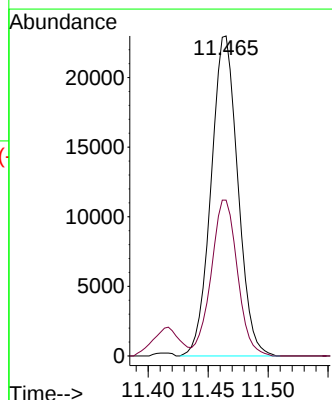
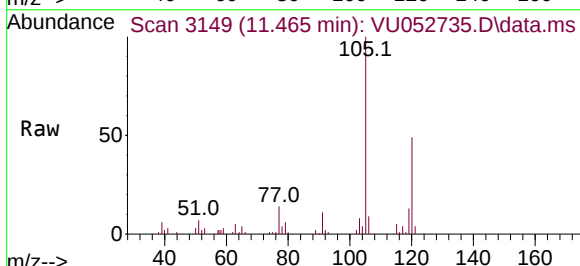
Acq: 19 Jan 2023 13:21

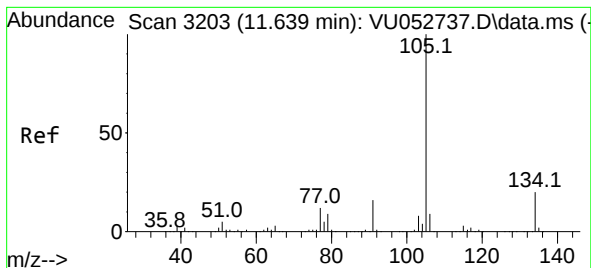
Tgt Ion:105 Resp: 35652

Ion Ratio Lower Upper

105 100

120 47.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 4.461 ug/l

RT: 11.639 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

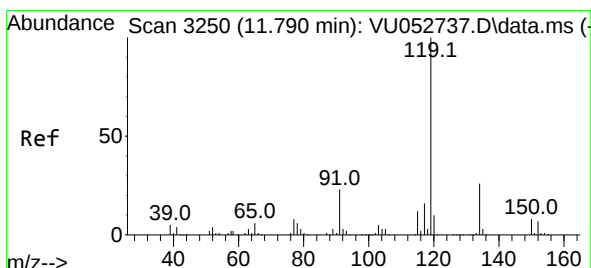
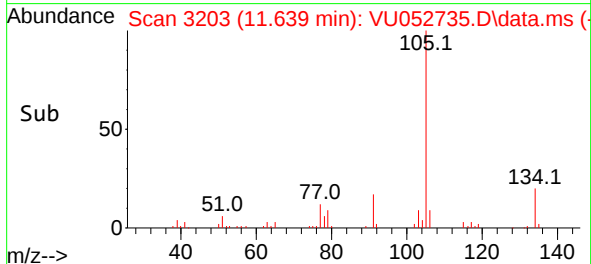
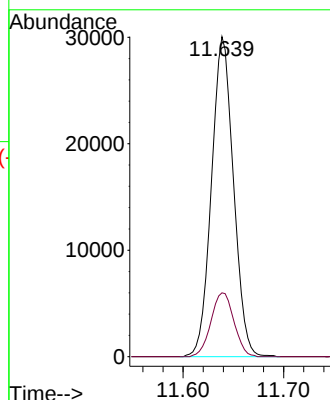
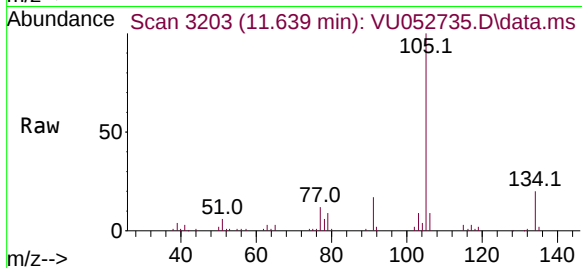
VSTDICC005

Tgt Ion:105 Resp: 45648

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 4.498 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

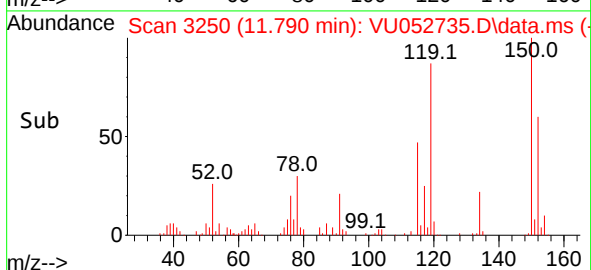
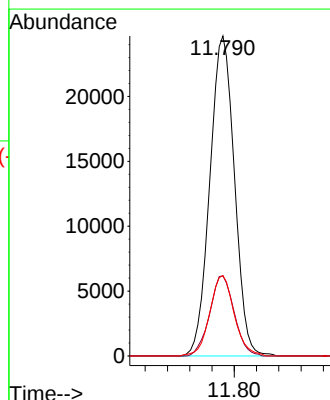
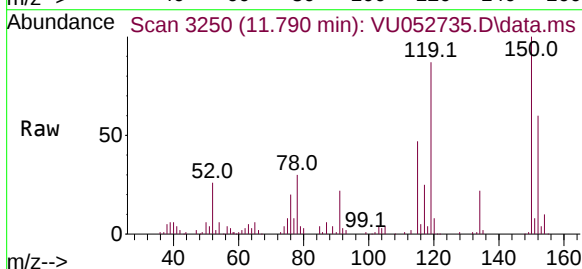
Tgt Ion:119 Resp: 37773

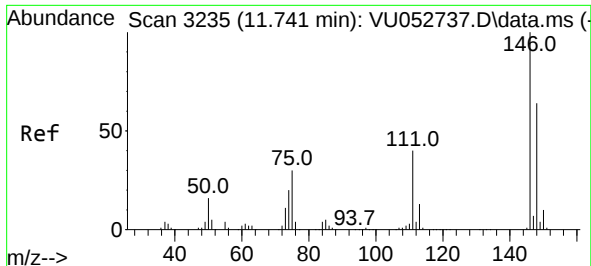
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.1

91 25.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 5.009 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

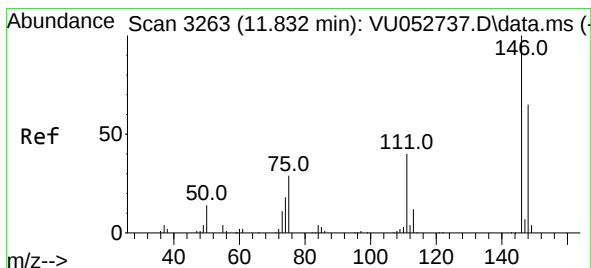
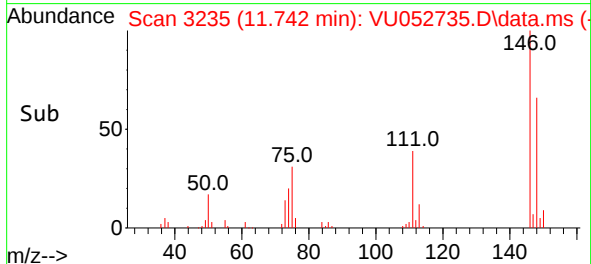
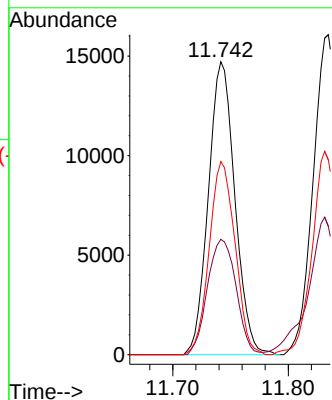
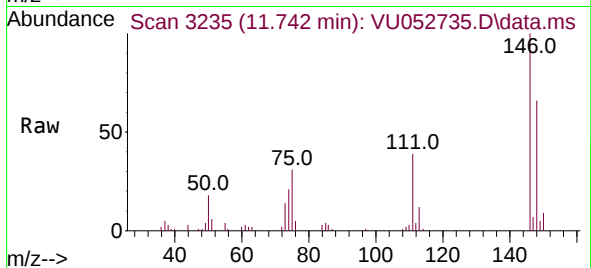
Tgt Ion:146 Resp: 23488

Ion Ratio Lower Upper

146 100

111 42.5 20.1 60.2

148 64.3 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 5.330 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

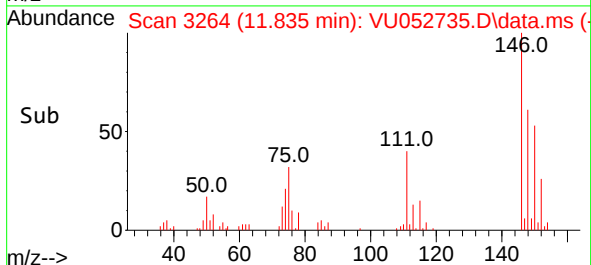
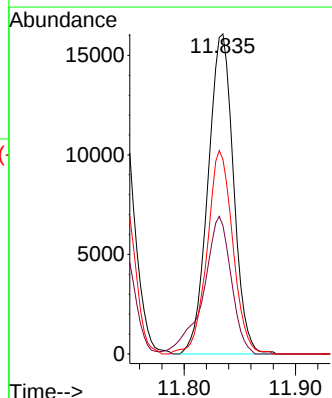
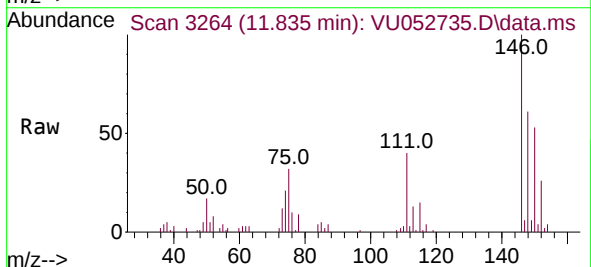
Tgt Ion:146 Resp: 25495

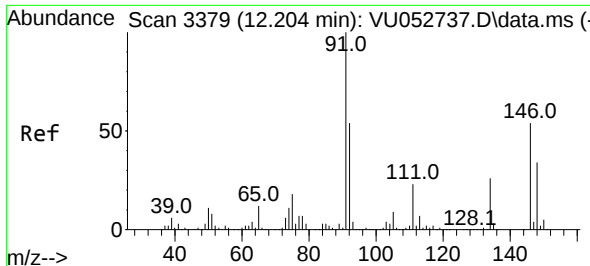
Ion Ratio Lower Upper

146 100

111 47.2 20.3 61.0

148 64.4 32.3 96.8

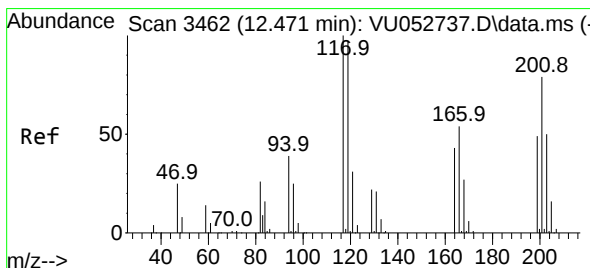
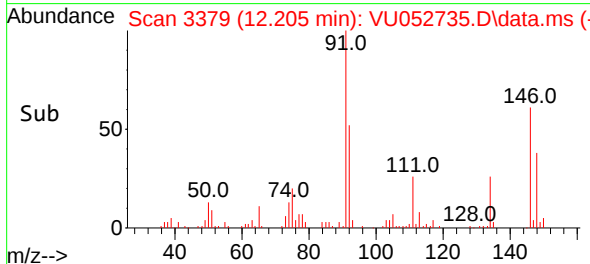
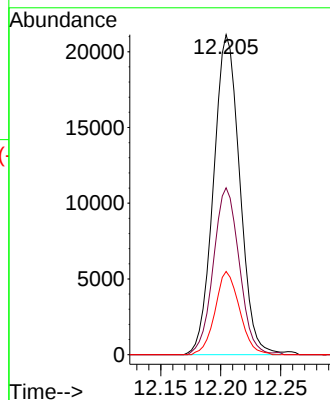
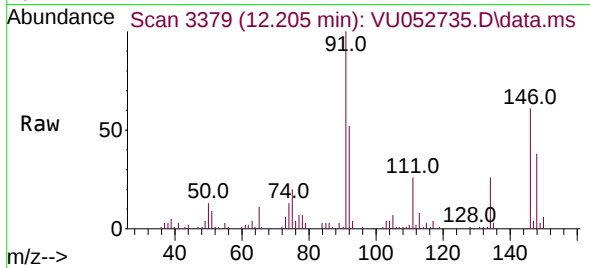




#89
n-Butylbenzene
Concen: 4.233 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

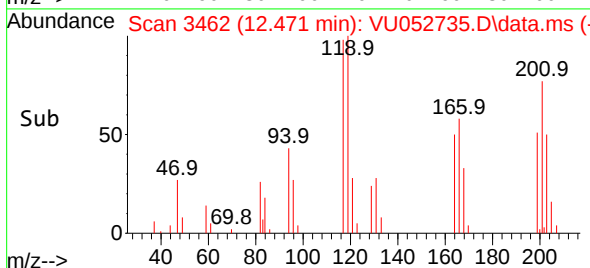
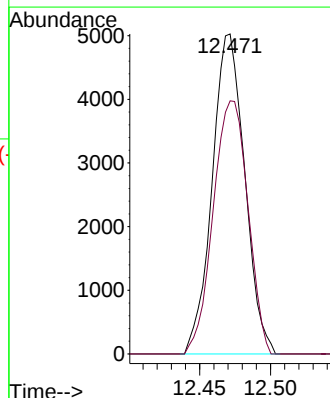
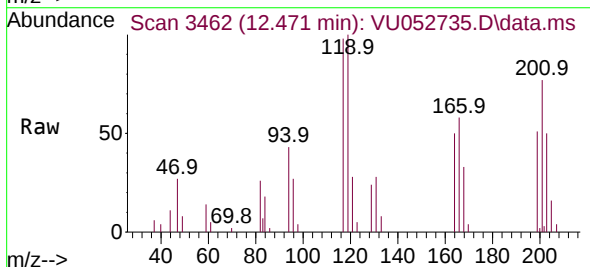
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

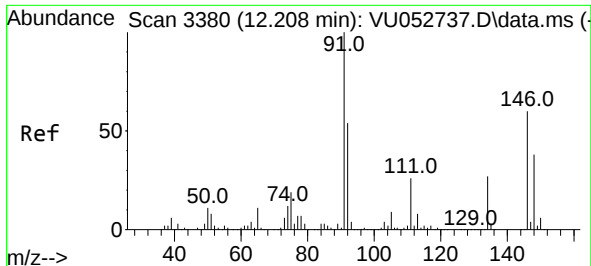
Tgt Ion: 91 Resp: 32051
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.3
134 24.3 13.1 39.3



#90
Hexachloroethane
Concen: 4.907 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052735.D
Acq: 19 Jan 2023 13:21

Tgt Ion: 117 Resp: 8036
Ion Ratio Lower Upper
117 100
201 84.3 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 5.201 ug/l

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

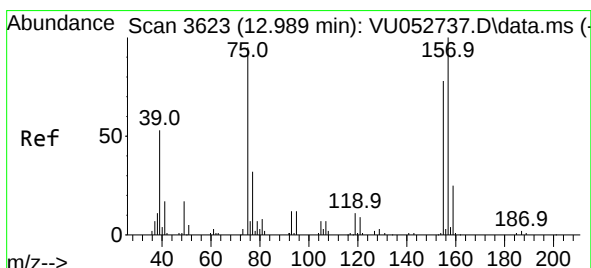
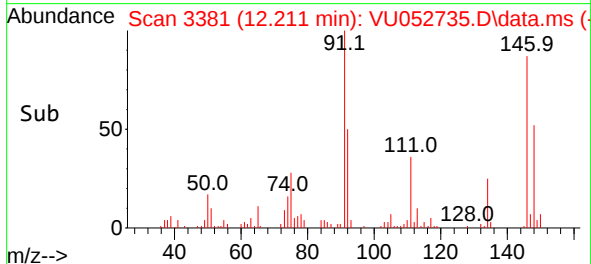
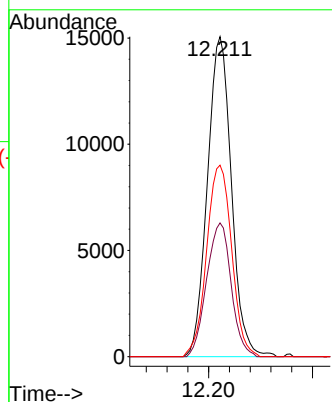
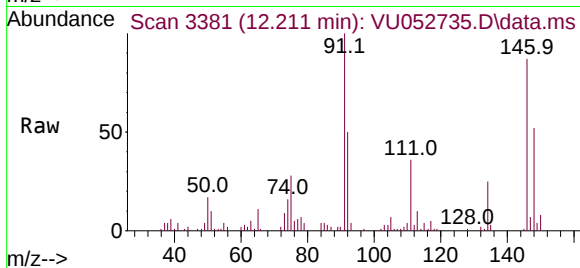
Tgt Ion:146 Resp: 24156

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

148 62.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.579 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. 0.006 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

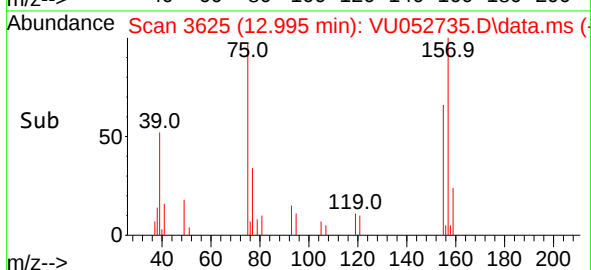
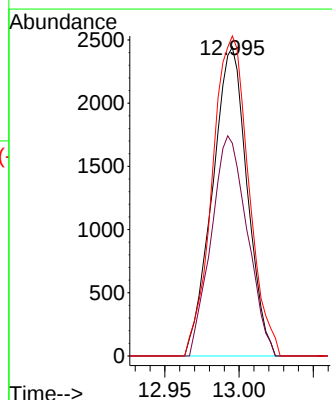
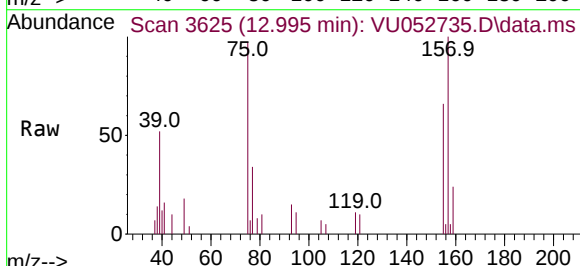
Tgt Ion: 75 Resp: 3973

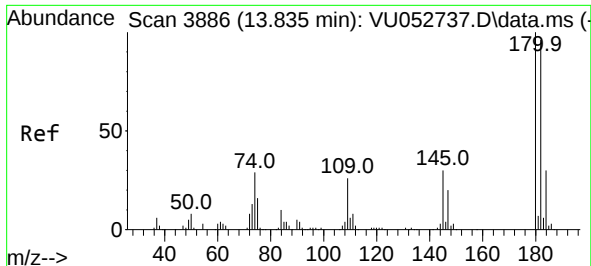
Ion Ratio Lower Upper

75 100

155 73.8 41.4 124.4

157 108.8 53.4 160.2

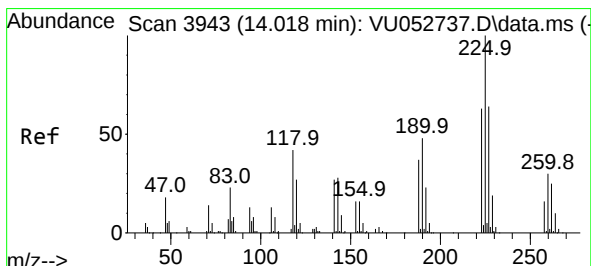
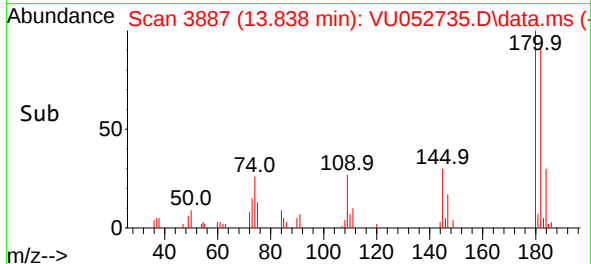
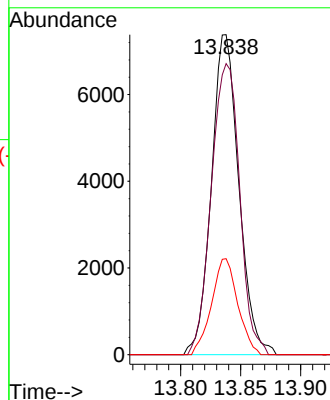
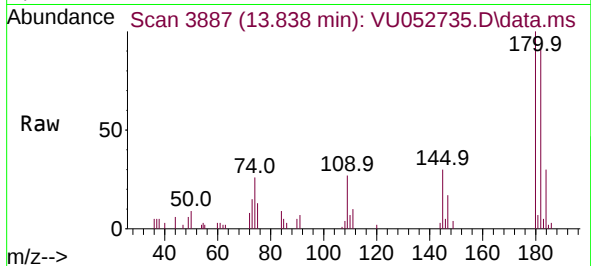




#93
 1,2,4-Trichlorobenzene
 Concen: 4.319 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

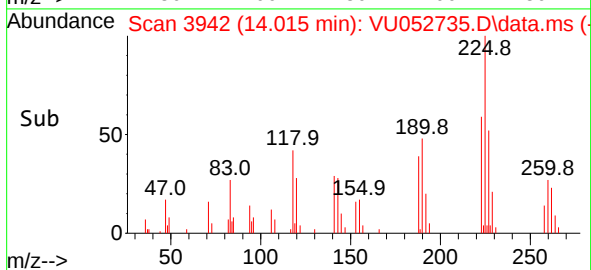
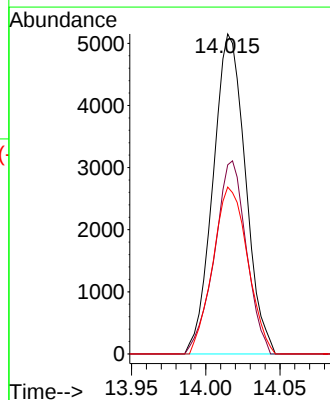
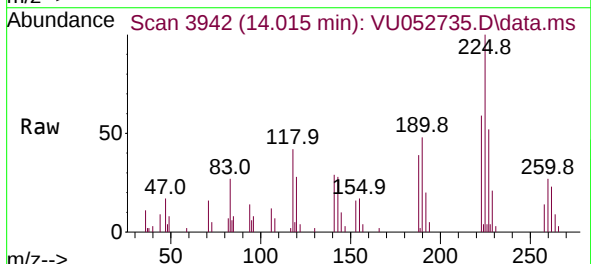
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

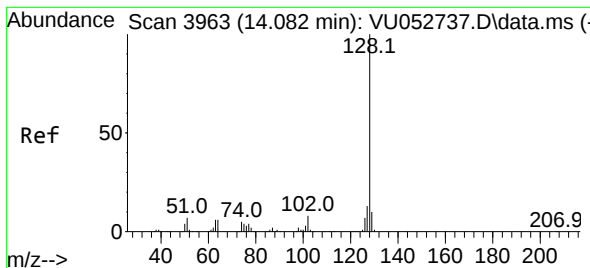
Tgt Ion:180 Resp: 11762
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.4 142.3
 145 28.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 5.396 ug/l
 RT: 14.015 min Scan# 3942
 Delta R.T. -0.003 min
 Lab File: VU052735.D
 Acq: 19 Jan 2023 13:21

Tgt Ion:225 Resp: 7816
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.8 95.3
 227 55.9 31.8 95.4





#95

Naphthalene

Concen: 3.737 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

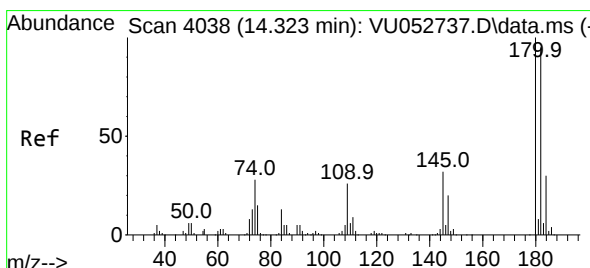
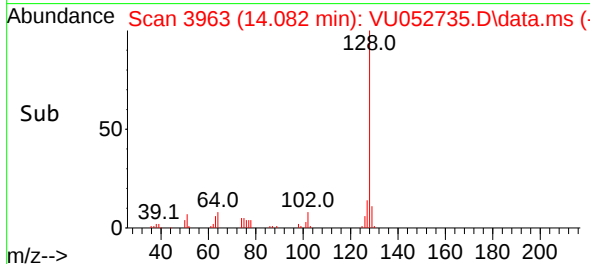
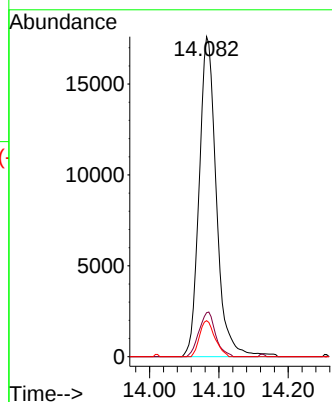
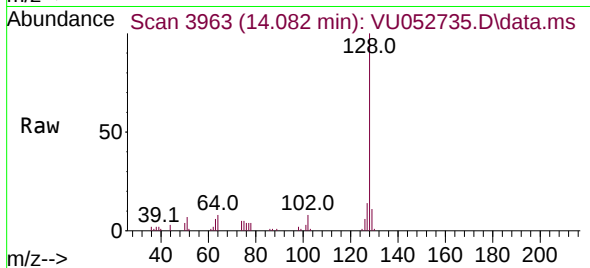
Tgt Ion:128 Resp: 30373

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.501 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052735.D

Acq: 19 Jan 2023 13:21

Tgt Ion:180 Resp: 12302

Ion Ratio Lower Upper

180 100

182 88.8 48.1 144.3

145 29.7 15.8 47.4

