

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052736.D
 Acq On : 19 Jan 2023 13:45
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 20 00:35:40 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	207266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	336823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	315756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	165589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	61472	18.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	37.800%#
35) Dibromofluoromethane	5.285	113	46782	20.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.200%#
50) Toluene-d8	7.893	98	173254	19.492	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	38.980%#
62) 4-Bromofluorobenzene	10.629	95	61275	19.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.040%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46829	18.343	ug/l	99
3) Chloromethane	1.520	50	48516	13.510	ug/l	98
4) Vinyl Chloride	1.604	62	48403	15.389	ug/l	99
5) Bromomethane	1.858	94	23602	13.243	ug/l	99
6) Chloroethane	1.932	64	30629	16.087	ug/l	99
7) Trichlorofluoromethane	2.134	101	76703	18.916	ug/l	98
8) Diethyl Ether	2.372	74	28088	17.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	44908	18.671	ug/l	96
10) Methyl Iodide	2.719	142	32770	13.555	ug/l	100
11) Tert butyl alcohol	3.250	59	22290	35.026	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	43305	18.266	ug/l	98
13) Acrolein	2.488	56	46379	63.045	ug/l	96
14) Allyl chloride	2.922	41	69819	15.279	ug/l	99
15) Acrylonitrile	3.314	53	139353	81.948	ug/l	99
16) Acetone	2.636	43	139205	84.288	ug/l	100
17) Carbon Disulfide	2.790	76	127667	17.135	ug/l	98
18) Methyl Acetate	2.948	43	78140	16.326	ug/l	99
19) Methyl tert-butyl Ether	3.356	73	146605	17.851	ug/l	99
20) Methylene Chloride	3.044	84	53665	15.292	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	46808	18.224	ug/l	99
22) Diisopropyl ether	3.986	45	149055	16.899	ug/l	96
23) Vinyl Acetate	3.951	43	555680	81.004	ug/l	99
24) 1,1-Dichloroethane	3.864	63	91992	17.550	ug/l	99
25) 2-Butanone	4.703	43	184123	81.538	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73695	17.870	ug/l	100
27) cis-1,2-Dichloroethene	4.661	96	52735	17.902	ug/l	99
28) Bromochloromethane	4.970	49	38298	16.078	ug/l	98
29) Tetrahydrofuran	5.050	42	109335	80.144	ug/l	99
30) Chloroform	5.083	83	94716	17.572	ug/l	98
31) Cyclohexane	5.385	56	82834	16.924	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	80436	18.939	ug/l	99
36) 1,1-Dichloropropene	5.523	75	66538	18.542	ug/l	99
37) Ethyl Acetate	4.800	43	69222	15.326	ug/l	99
38) Carbon Tetrachloride	5.520	117	69317	20.457	ug/l	97
39) Methylcyclohexane	6.761	83	76356	18.487	ug/l	99
40) Benzene	5.771	78	200721	18.858	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052736.D
 Acq On : 19 Jan 2023 13:45
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 20 00:35:40 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)
41) Methacrylonitrile	4.967	41	36059	17.140	ug/l	100
42) 1,2-Dichloroethane	5.790	62	73422	19.131	ug/l	99
43) Isopropyl Acetate	5.906	43	100510	17.003	ug/l	98
44) Trichloroethene	6.536	130	49569	19.540	ug/l	100
45) 1,2-Dichloropropane	6.787	63	51504	17.665	ug/l	98
46) Dibromomethane	6.915	93	34824	18.721	ug/l	99
47) Bromodichloromethane	7.099	83	71917	18.922	ug/l	96
48) Methyl methacrylate	6.957	41	45610	16.577	ug/l	100
49) 1,4-Dioxane	7.025	88	20264	386.580	ug/l	94
51) 4-Methyl-2-Pentanone	7.787	43	337078	87.491	ug/l	99
52) Toluene	7.967	92	125160	19.921	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	73818	18.430	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	78908	18.194	ug/l	97
55) 1,1,2-Trichloroethane	8.394	97	50512	19.401	ug/l	99
56) Ethyl methacrylate	8.330	69	68794	18.114	ug/l	100
57) 1,3-Dichloropropane	8.571	76	88144	19.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	7526	55.708	ug/l	100
59) 2-Hexanone	8.684	43	262566	89.067	ug/l	99
60) Dibromochloromethane	8.806	129	53916	19.829	ug/l	99
61) 1,2-Dibromoethane	8.918	107	54398	20.601	ug/l	96
64) Tetrachloroethene	8.549	164	42033	20.472	ug/l	95
65) Chlorobenzene	9.443	112	128546	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	48576	20.005	ug/l	98
67) Ethyl Benzene	9.565	91	219600	19.043	ug/l	100
68) m/p-Xylenes	9.690	106	177017	40.549	ug/l	99
69) o-Xylene	10.095	106	84241	20.272	ug/l	96
70) Styrene	10.111	104	138205	19.860	ug/l	100
71) Bromoform	10.288	173	40586	19.784	ug/l #	98
73) Isopropylbenzene	10.481	105	219283	19.526	ug/l	100
74) N-amyl acetate	10.317	43	80430	16.040	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	82758	17.562	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	87665	17.038	ug/l	98
77) Bromobenzene	10.777	156	54040	19.165	ug/l	99
78) n-propylbenzene	10.902	91	259183	19.074	ug/l	99
79) 2-Chlorotoluene	10.979	91	158622	19.029	ug/l	99
80) 1,3,5-Trimethylbenzene	11.082	105	186455	19.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	21667	16.269	ug/l	96
82) 4-Chlorotoluene	11.092	91	184832	19.521	ug/l	99
83) tert-Butylbenzene	11.417	119	181014	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	187055	20.055	ug/l	100
85) sec-Butylbenzene	11.639	105	230462	19.418	ug/l	100
86) p-Isopropyltoluene	11.790	119	193998	19.918	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	105434	19.387	ug/l	100
88) 1,4-Dichlorobenzene	11.832	146	104475	18.832	ug/l	99
89) n-Butylbenzene	12.204	91	155759	17.737	ug/l	99
90) Hexachloroethane	12.468	117	34614	18.224	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	104387	19.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16922	16.816	ug/l	100
93) 1,2,4-Trichlorobenzene	13.835	180	58654	18.570	ug/l	100
94) Hexachlorobutadiene	14.015	225	32451	19.317	ug/l	99
95) Naphthalene	14.082	128	168407	17.863	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	59629	18.811	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
Data File : VU052736.D
Acq On : 19 Jan 2023 13:45
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Quant Time: Jan 20 00:35:40 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

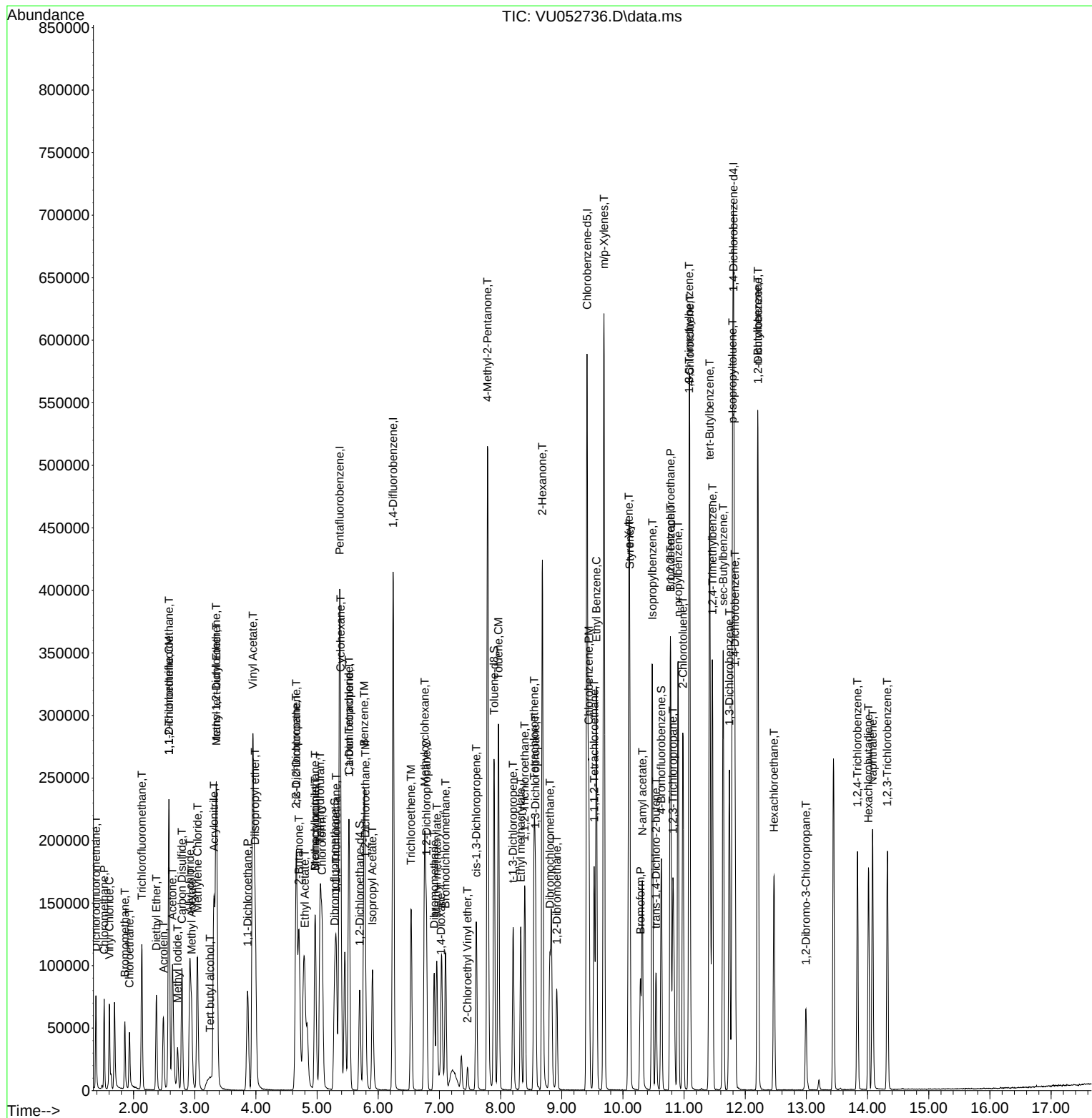
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

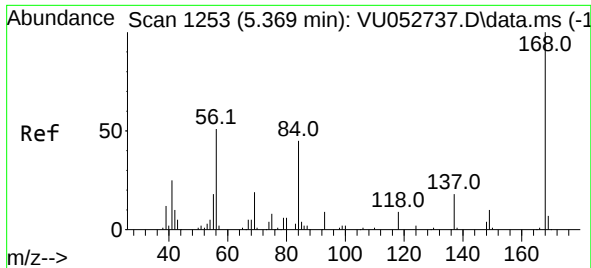
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
Data File : VU052736.D
Acq On : 19 Jan 2023 13:45
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Jan 20 00:35:40 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

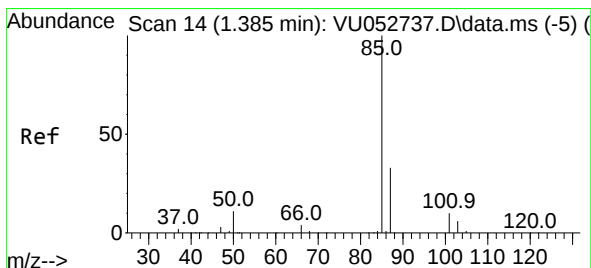
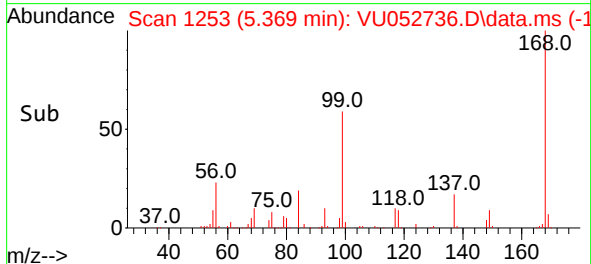
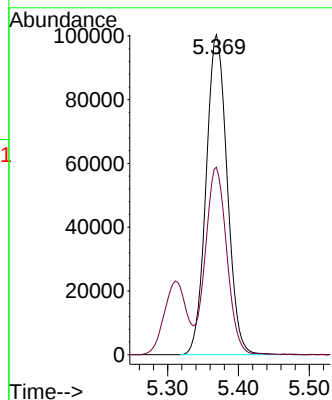
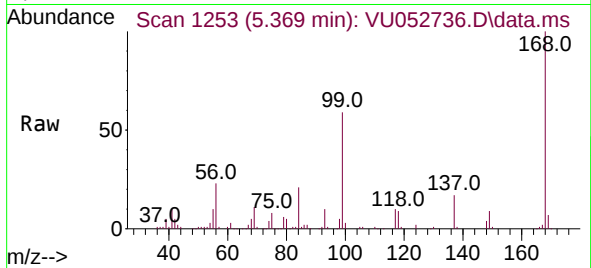




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

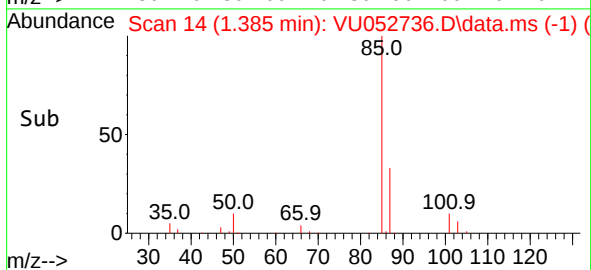
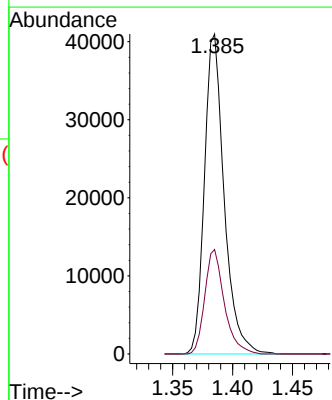
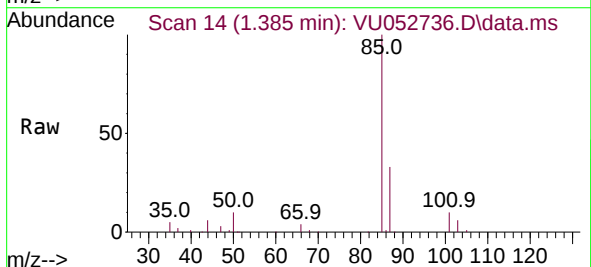
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

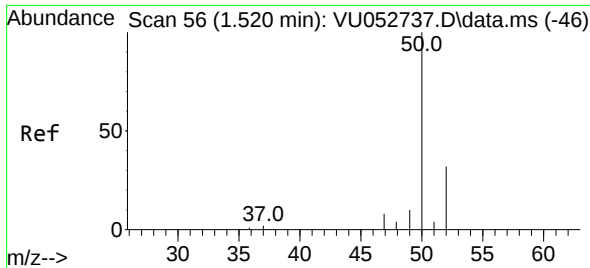
Tgt Ion:168 Resp: 207266
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.343 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 85 Resp: 46829
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7

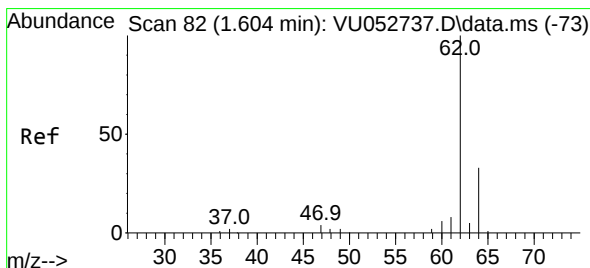
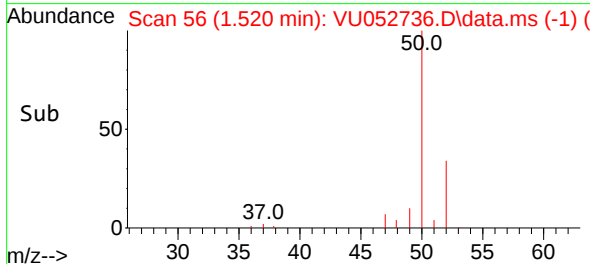
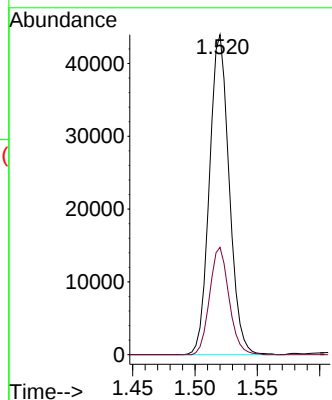
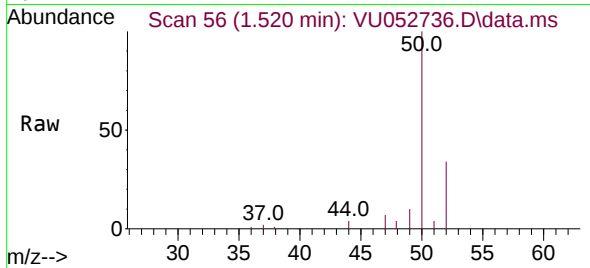




#3
Chloromethane
Concen: 13.510 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

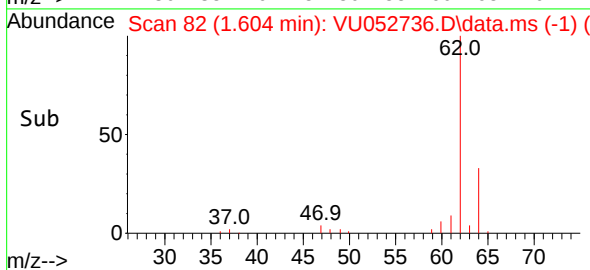
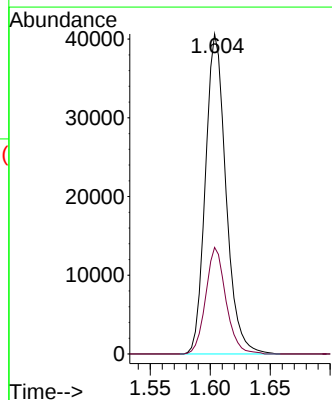
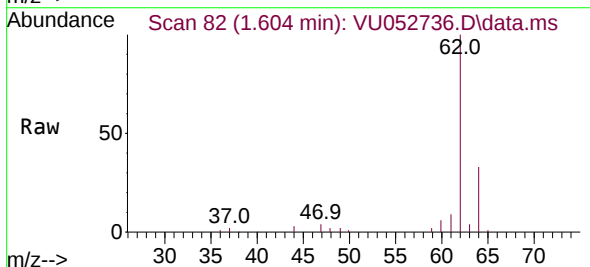
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

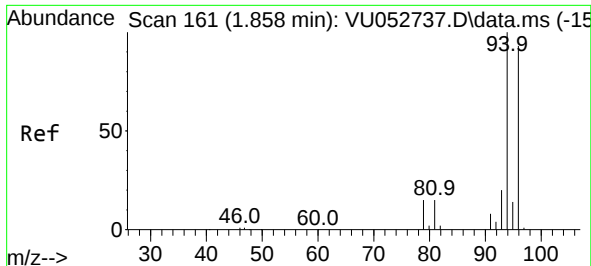
Tgt Ion: 50 Resp: 48516
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6



#4
Vinyl Chloride
Concen: 15.389 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 62 Resp: 48403
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

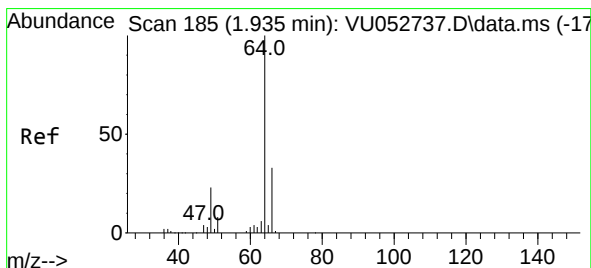
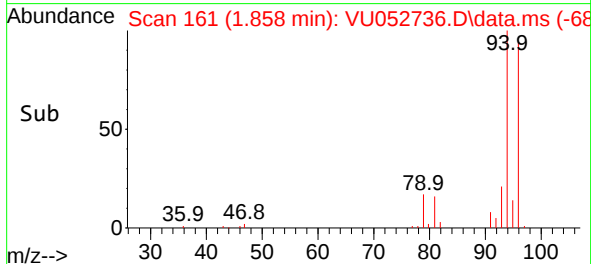
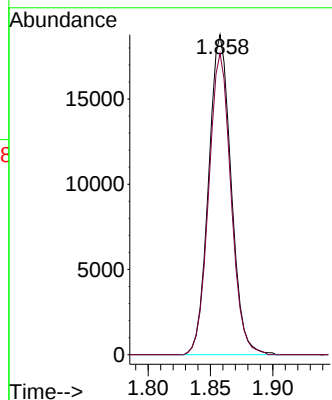
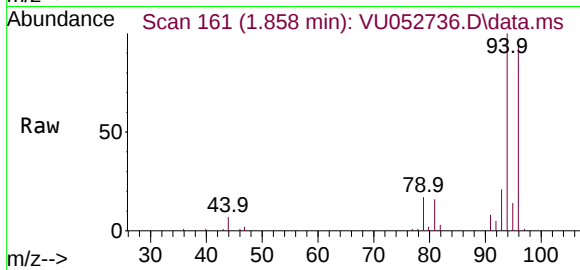




#5
Bromomethane
Concen: 13.243 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

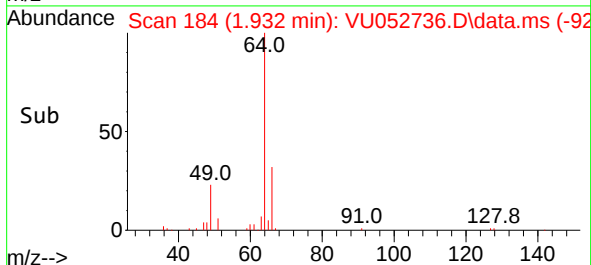
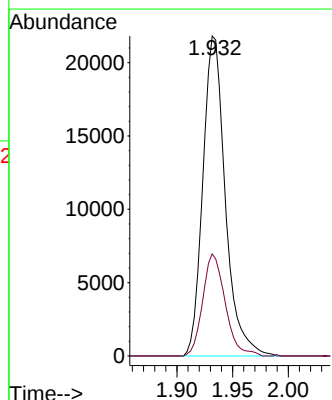
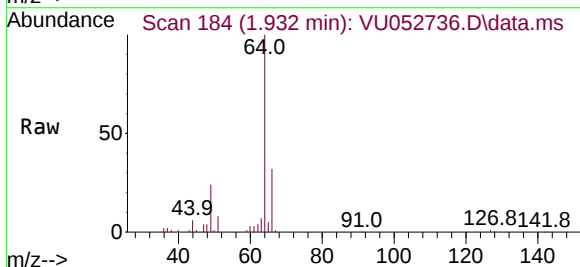
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

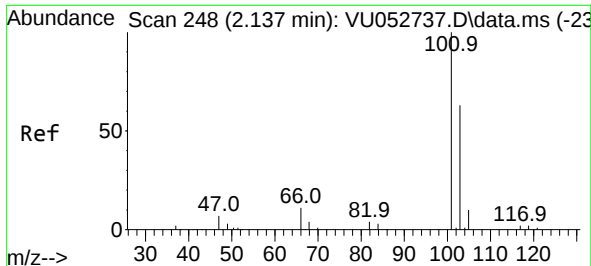
Tgt Ion: 94 Resp: 23602
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5



#6
Chloroethane
Concen: 16.087 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 64 Resp: 30629
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

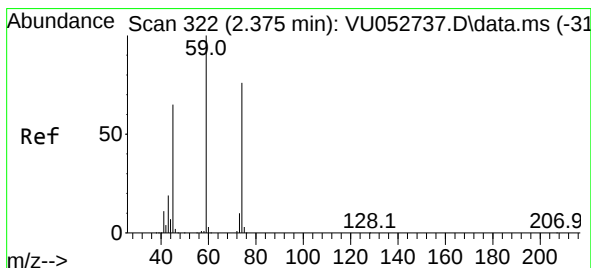
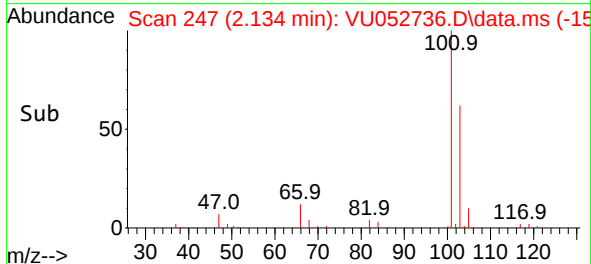
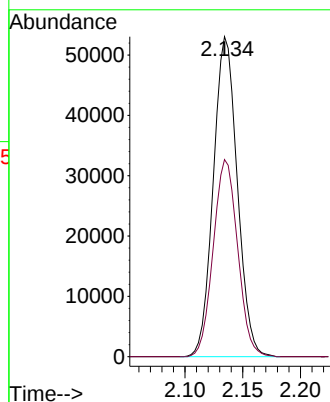
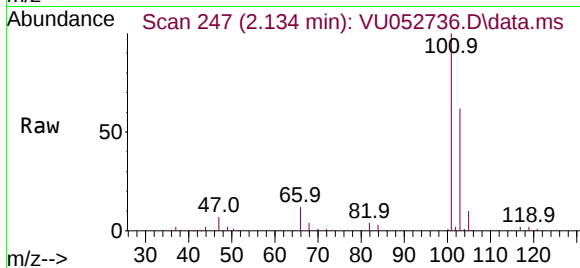




#7
Trichlorofluoromethane
Concen: 18.916 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

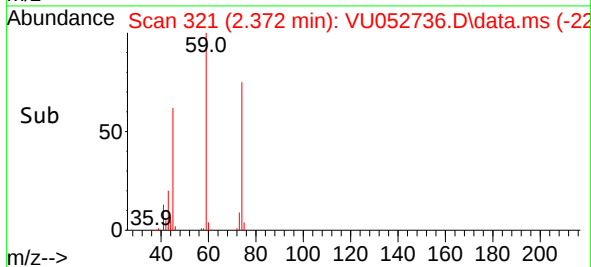
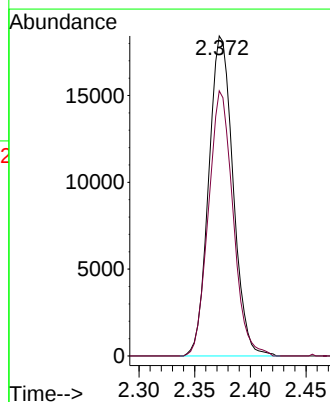
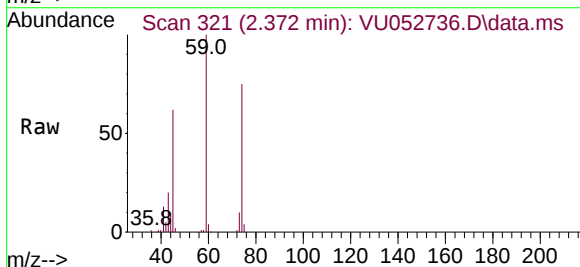
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

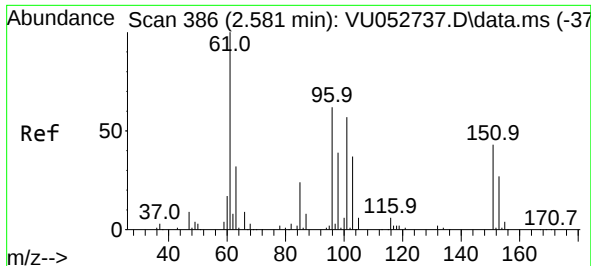
Tgt Ion:101 Resp: 76703
Ion Ratio Lower Upper
101 100
103 61.6 50.7 76.1



#8
Diethyl Ether
Concen: 17.107 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 74 Resp: 28088
Ion Ratio Lower Upper
74 100
45 83.4 42.4 127.3

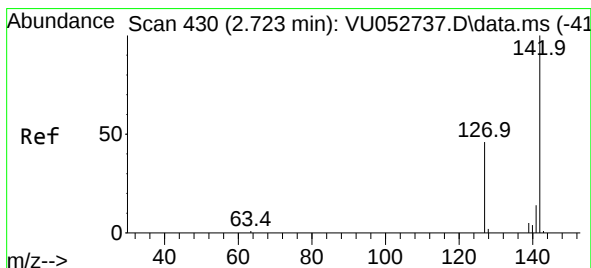
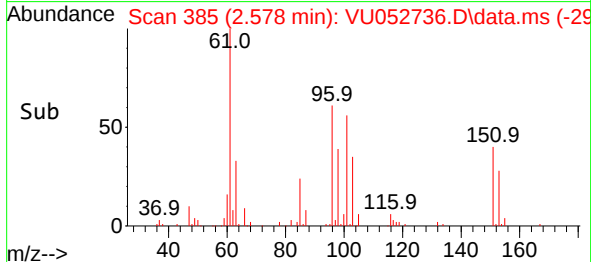
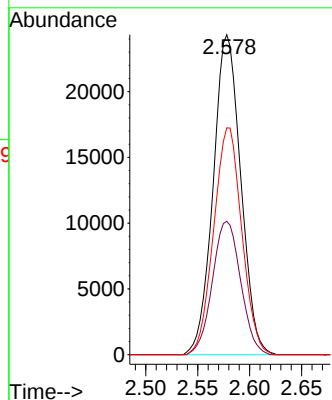
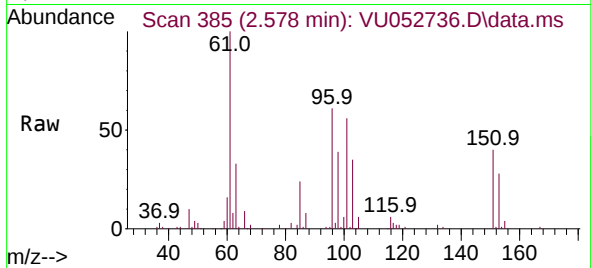




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.671 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

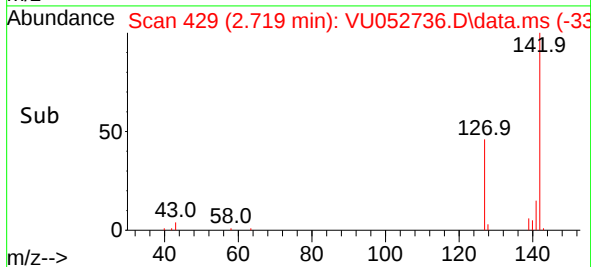
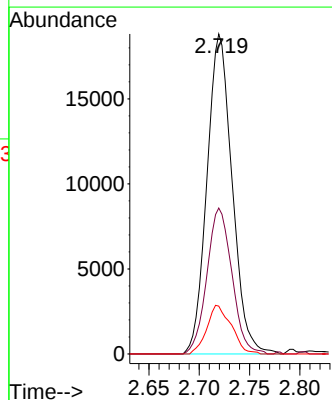
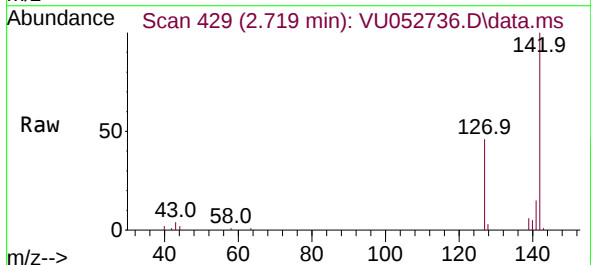
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

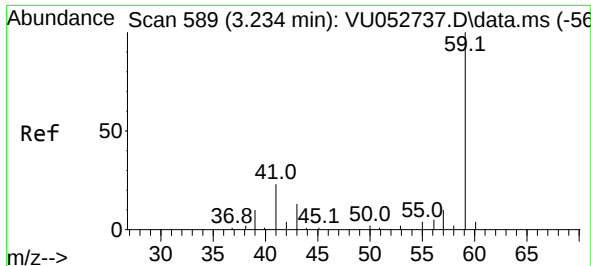
Tgt Ion:101 Resp: 44908
Ion Ratio Lower Upper
101 100
85 42.7 35.1 52.7
151 72.3 61.9 92.9



#10
Methyl Iodide
Concen: 13.555 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:142 Resp: 32770
Ion Ratio Lower Upper
142 100
127 45.2 36.3 54.5
141 14.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 35.026 ug/l

RT: 3.250 min Scan# 594

Delta R.T. 0.016 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

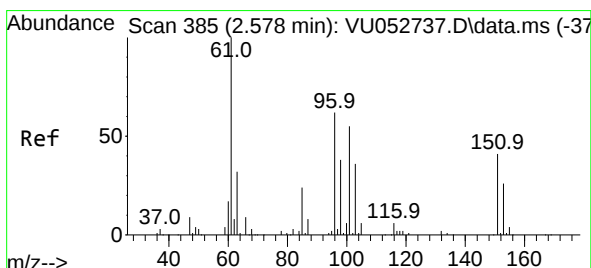
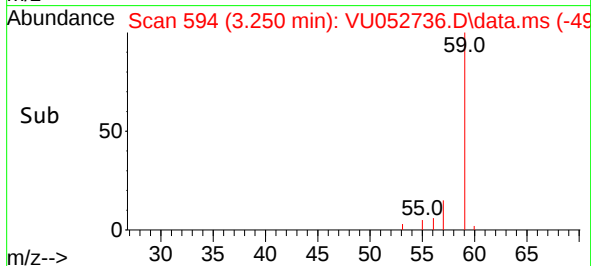
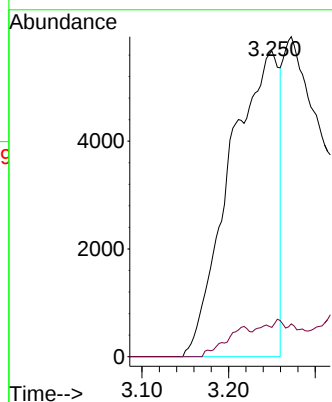
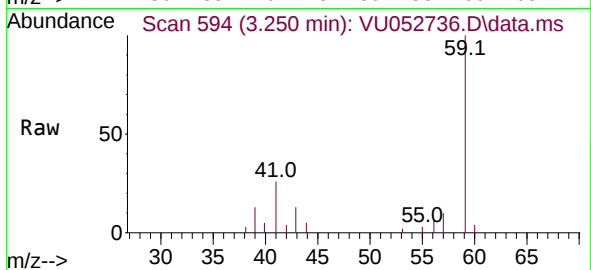
VSTDIC020

Tgt Ion: 59 Resp: 22290

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.266 ug/l

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

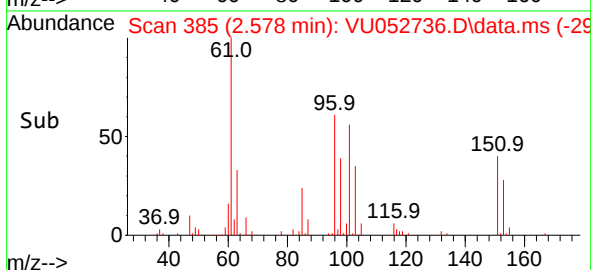
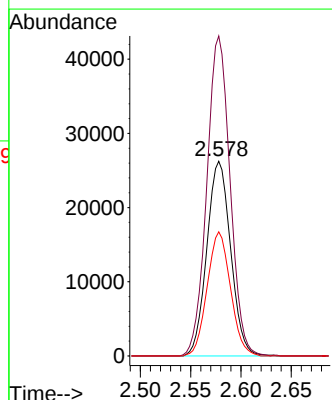
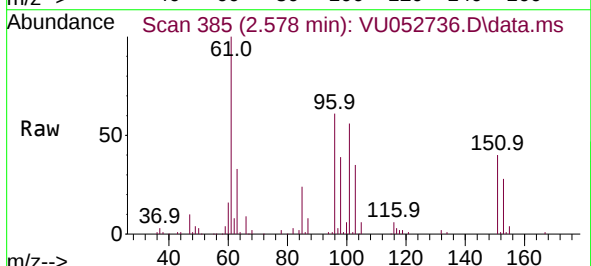
Tgt Ion: 96 Resp: 43305

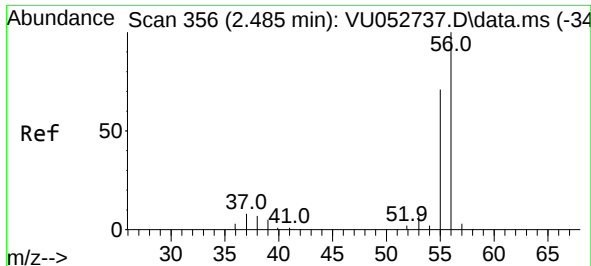
Ion Ratio Lower Upper

96 100

61 164.3 129.8 194.6

98 63.7 49.9 74.9





#13

Acrolein

Concen: 63.045 ug/l

RT: 2.488 min Scan# 357

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

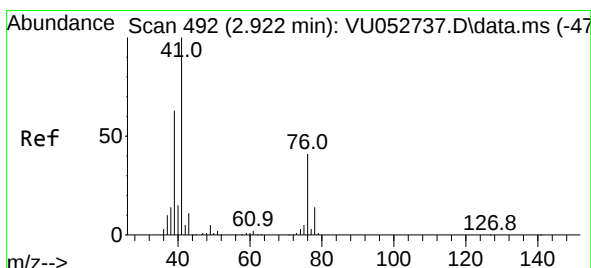
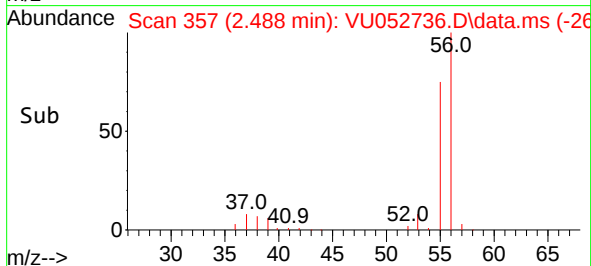
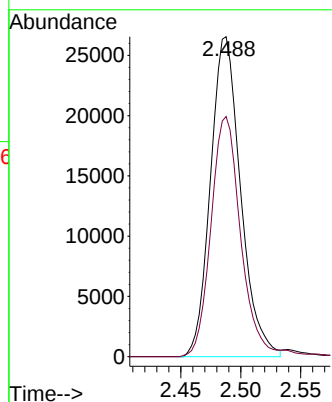
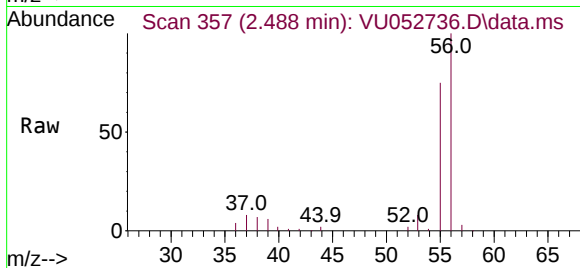
VSTDICC020

Tgt Ion: 56 Resp: 46379

Ion Ratio Lower Upper

56 100

55 74.5 57.2 85.8



#14

Allyl chloride

Concen: 15.279 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

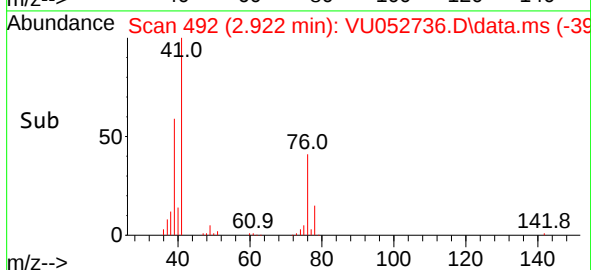
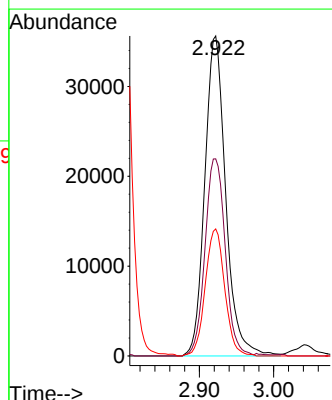
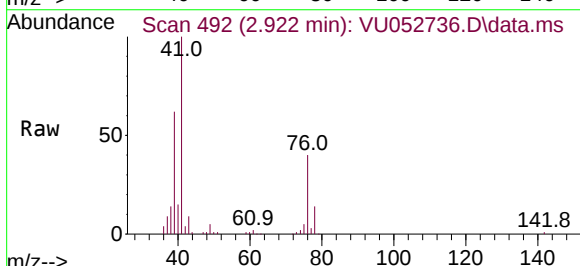
Tgt Ion: 41 Resp: 69819

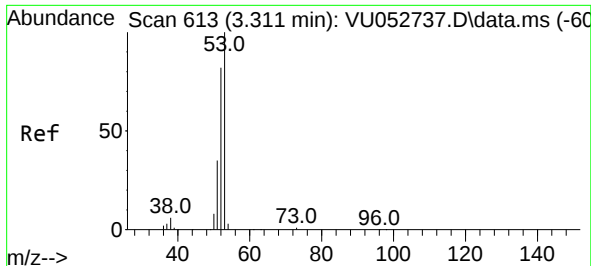
Ion Ratio Lower Upper

41 100

39 59.6 48.2 72.2

76 37.0 29.4 44.0





#15

Acrylonitrile

Concen: 81.948 ug/l

RT: 3.314 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

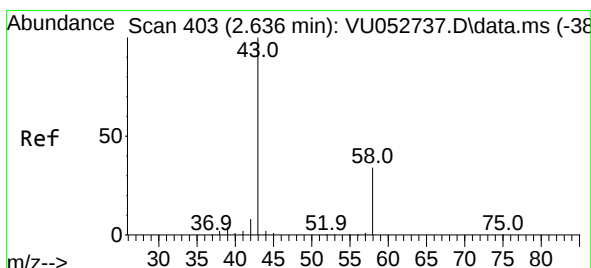
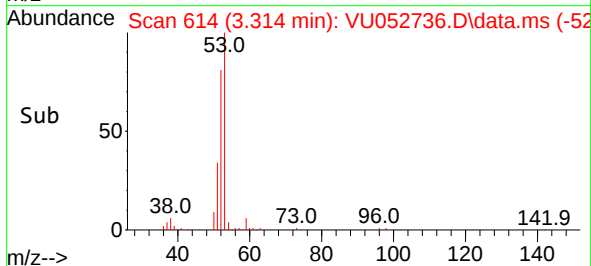
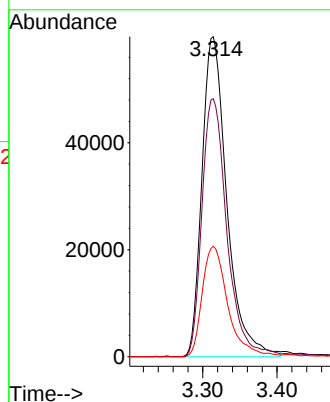
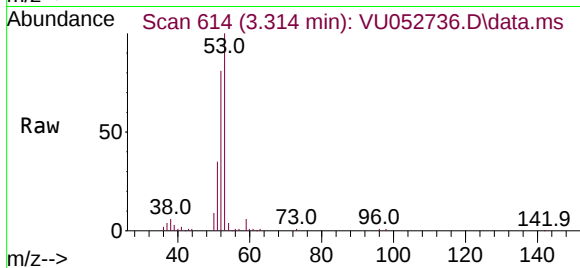
Tgt Ion: 53 Resp: 139353

Ion Ratio Lower Upper

53 100

52 80.8 64.9 97.3

51 35.4 27.6 41.4



#16

Acetone

Concen: 84.288 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU052736.D

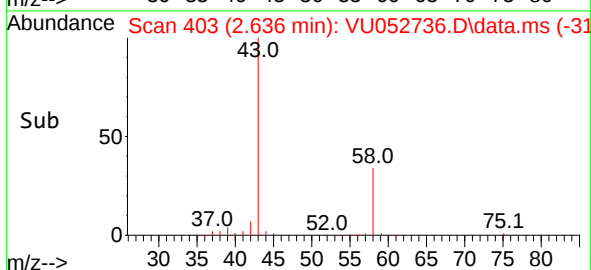
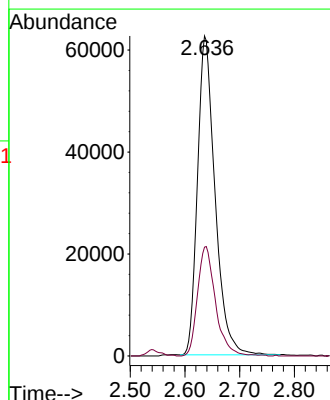
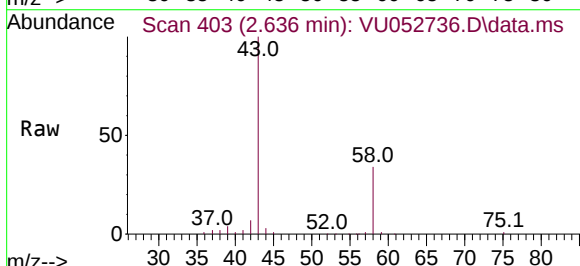
Acq: 19 Jan 2023 13:45

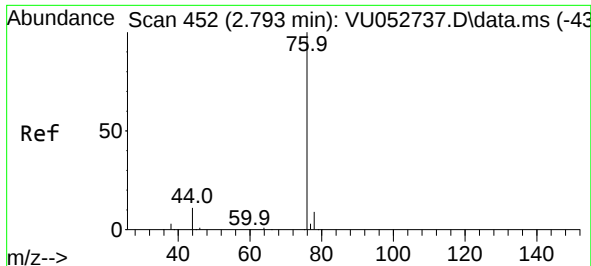
Tgt Ion: 43 Resp: 139205

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7

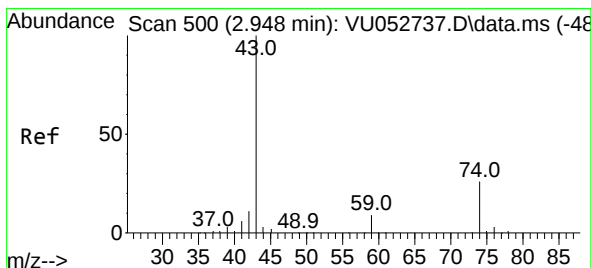
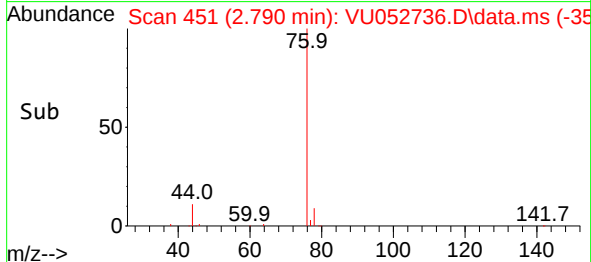
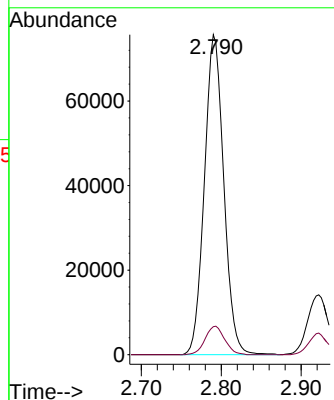
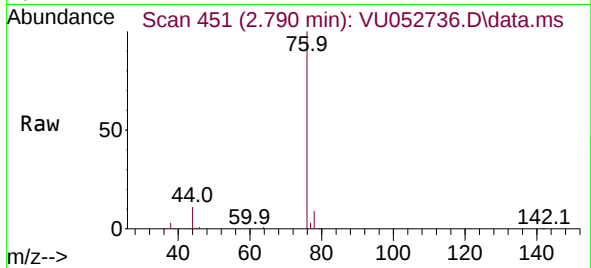




#17
Carbon Disulfide
Concen: 17.135 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

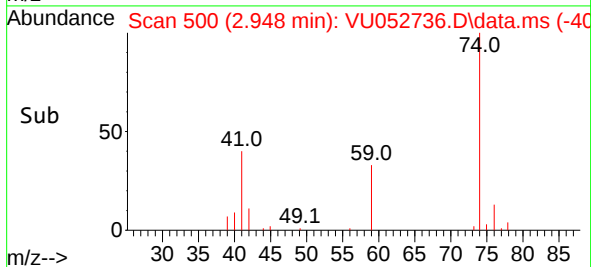
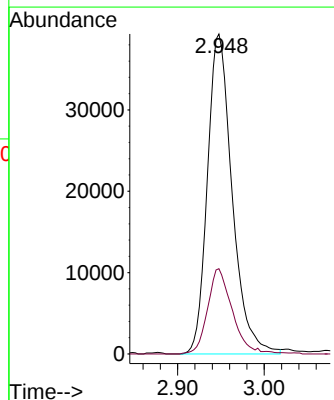
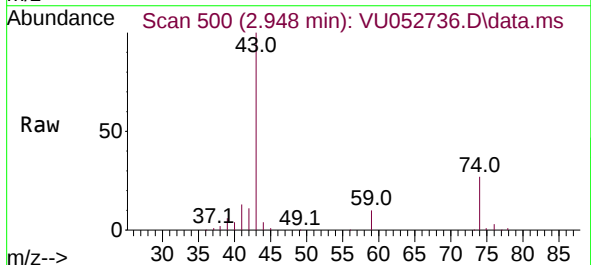
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

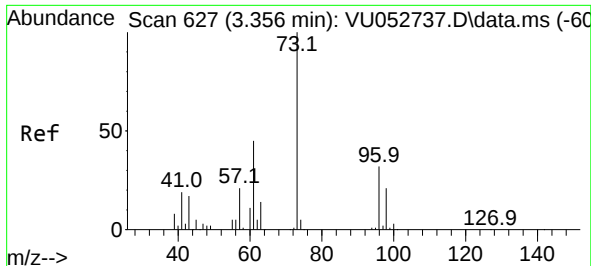
Tgt Ion: 76 Resp: 127667
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 16.326 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 43 Resp: 78140
Ion Ratio Lower Upper
43 100
74 26.8 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 17.851 ug/l

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

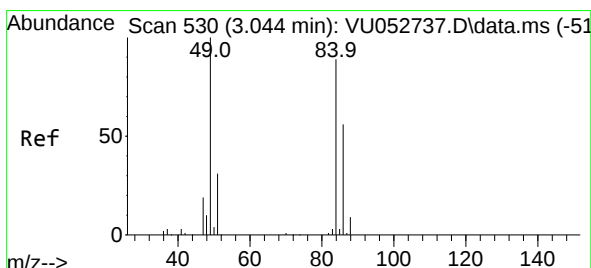
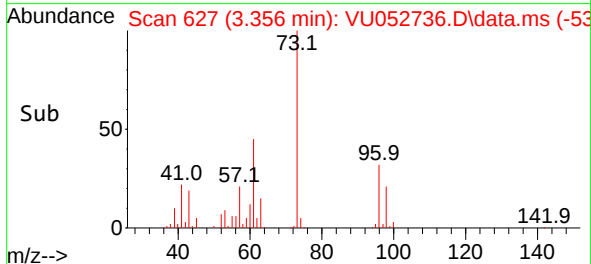
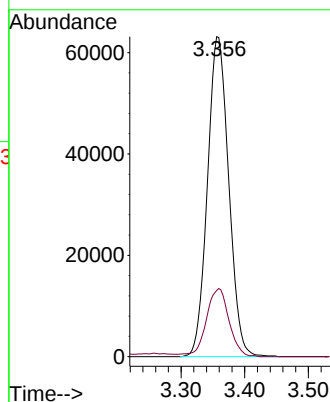
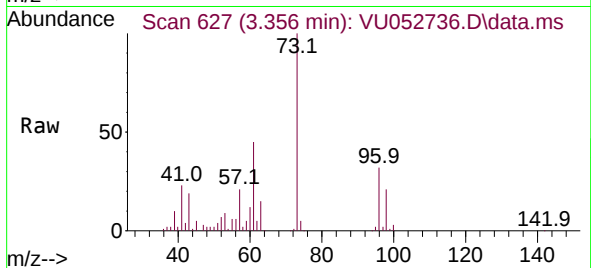
VSTDIC020

Tgt Ion: 73 Resp: 146605

Ion Ratio Lower Upper

73 100

57 20.7 16.9 25.3



#20

Methylene Chloride

Concen: 15.292 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Tgt Ion: 84 Resp: 53665

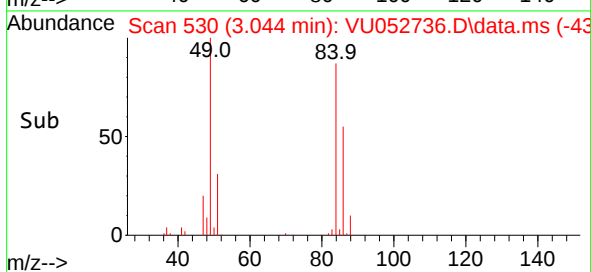
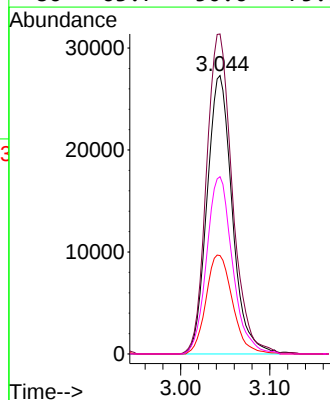
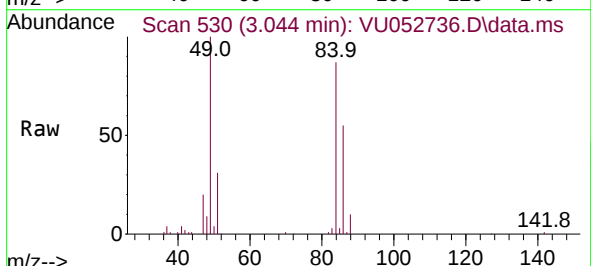
Ion Ratio Lower Upper

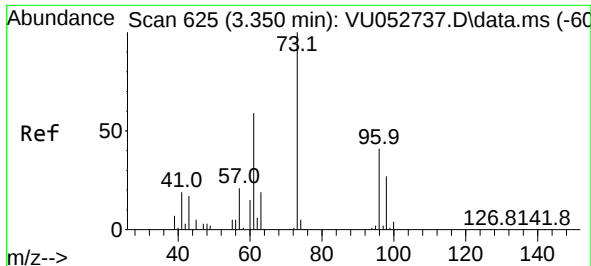
84 100

49 114.9 90.2 135.4

51 35.3 28.1 42.1

86 63.7 50.6 75.8

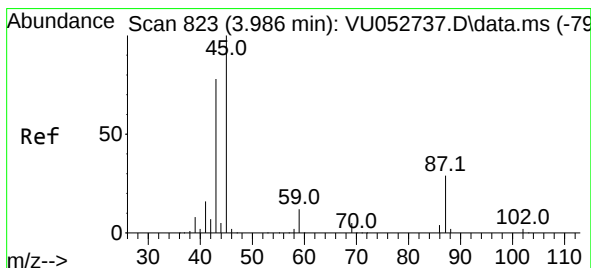
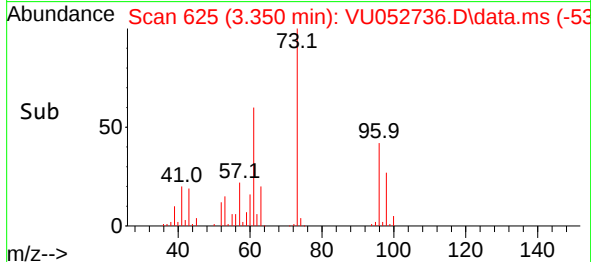
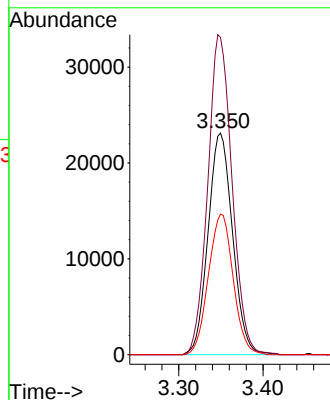
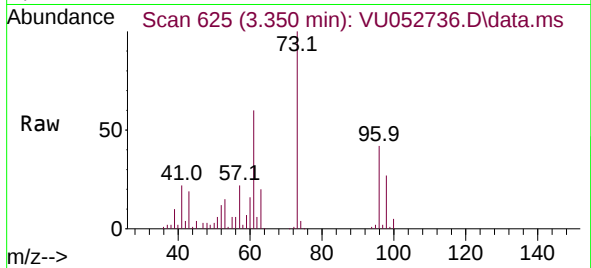




#21
trans-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

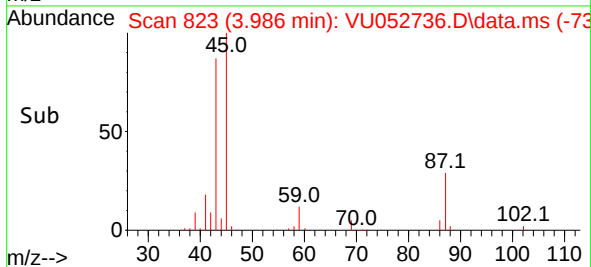
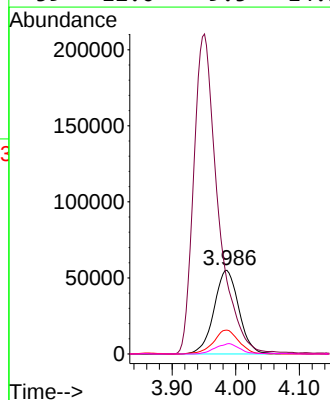
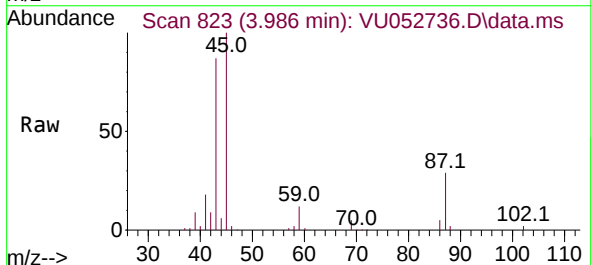
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

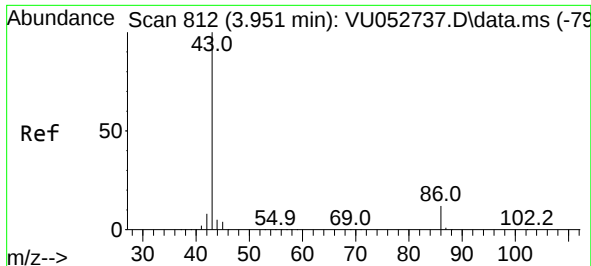
Tgt Ion: 96 Resp: 46808
Ion Ratio Lower Upper
96 100
61 143.2 114.7 172.1
98 63.4 52.4 78.6



#22
Diisopropyl ether
Concen: 16.899 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 45 Resp: 149055
Ion Ratio Lower Upper
45 100
43 85.3 64.6 97.0
87 28.6 23.2 34.8
59 12.0 9.5 14.3

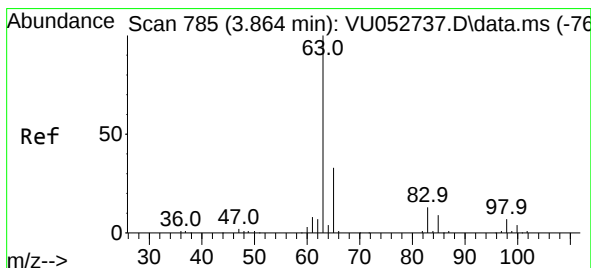
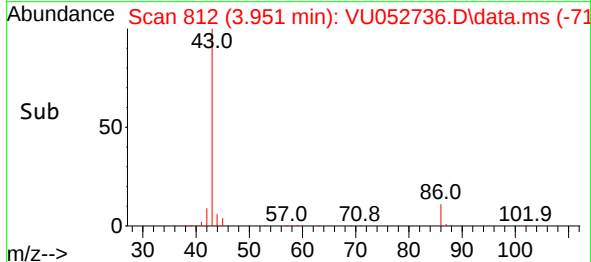
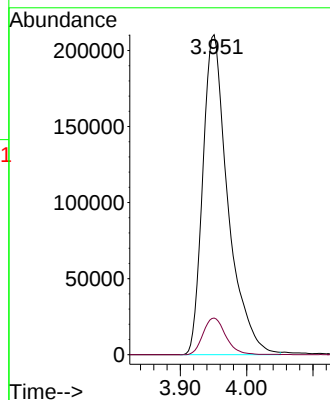
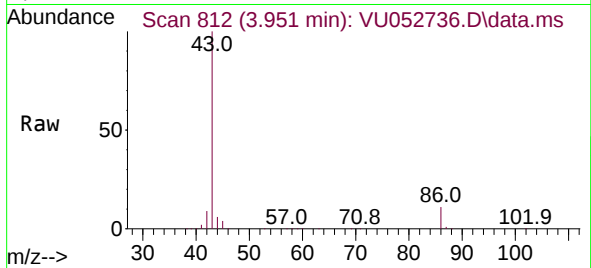




#23
 Vinyl Acetate
 Concen: 81.004 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

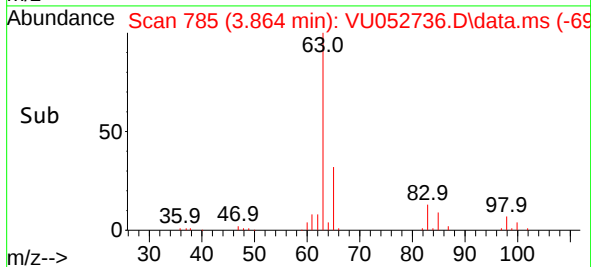
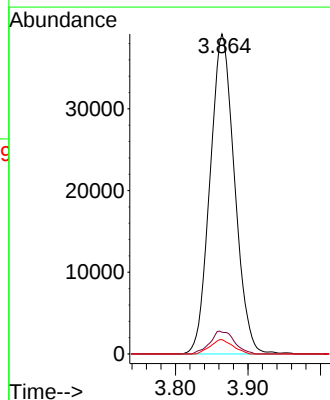
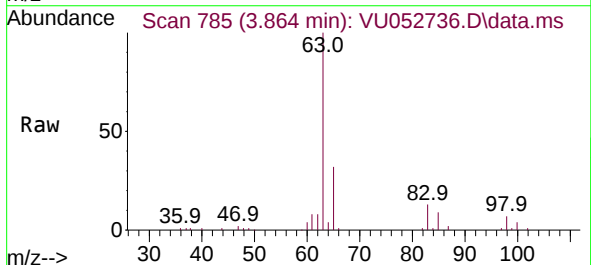
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

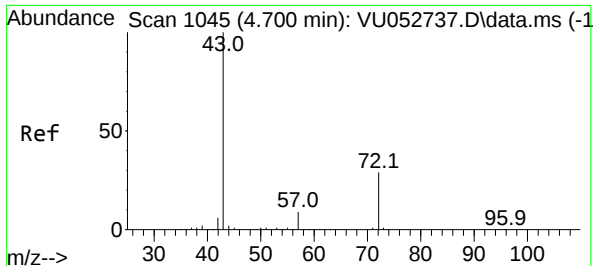
Tgt Ion: 43 Resp: 555680
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 17.550 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Tgt Ion: 63 Resp: 91992
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 81.538 ug/l

RT: 4.703 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

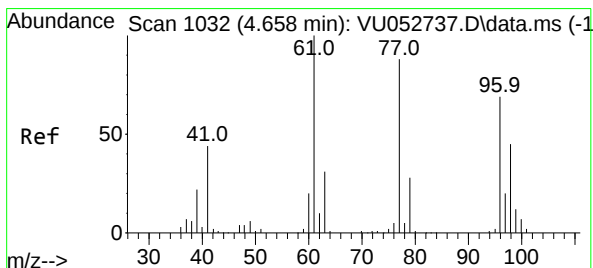
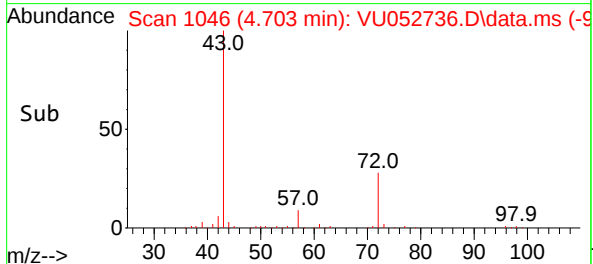
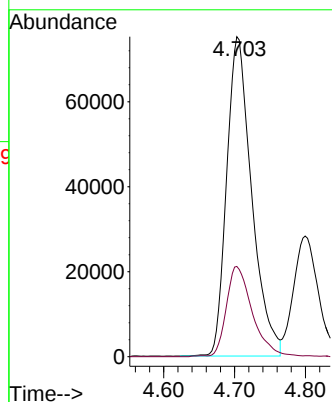
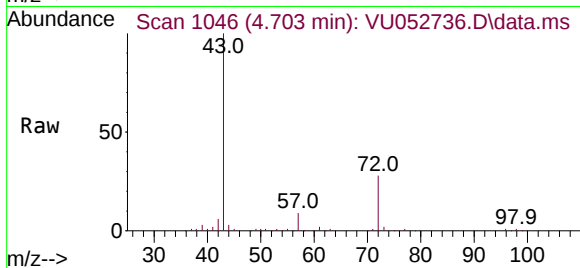
VSTDIC020

Tgt Ion: 43 Resp: 184123

Ion Ratio Lower Upper

43 100

72 28.3 23.3 34.9



#26

2,2-Dichloropropane

Concen: 17.870 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052736.D

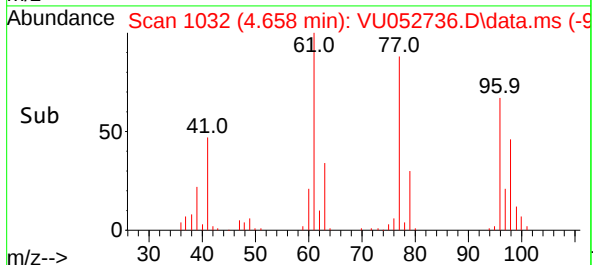
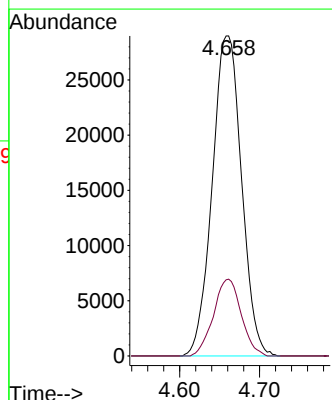
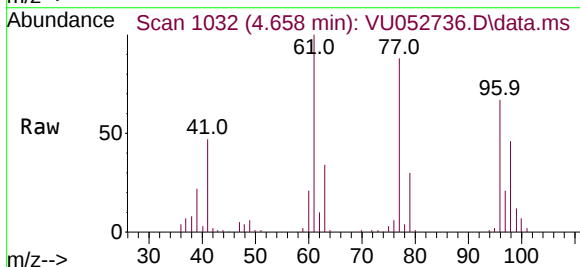
Acq: 19 Jan 2023 13:45

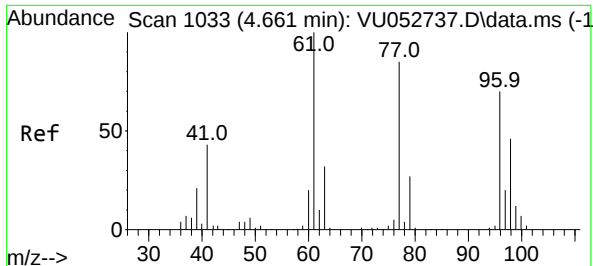
Tgt Ion: 77 Resp: 73695

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.902 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

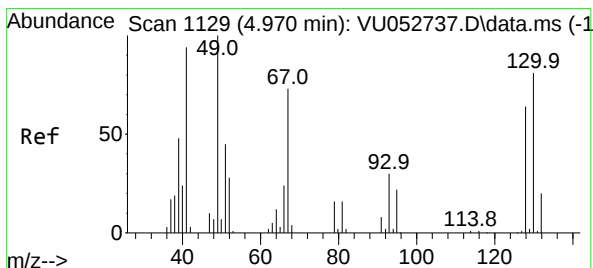
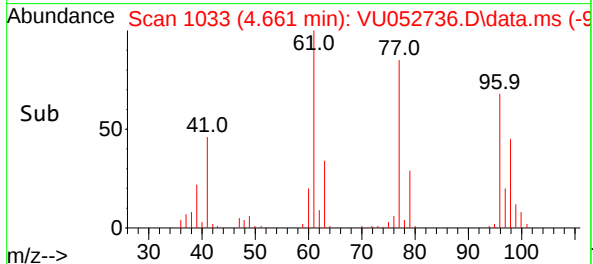
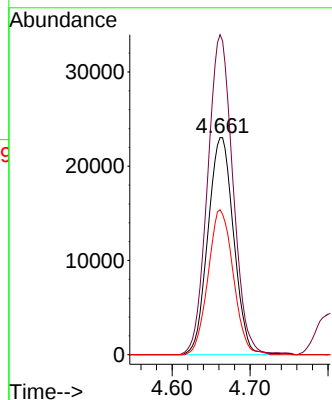
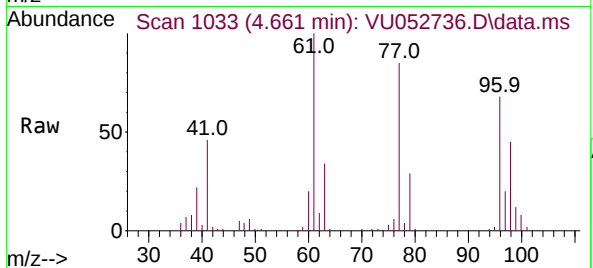
Tgt Ion: 96 Resp: 52735

Ion Ratio Lower Upper

96 100

61 145.2 0.0 287.2

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 16.078 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

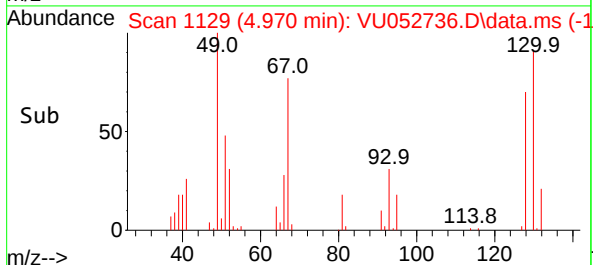
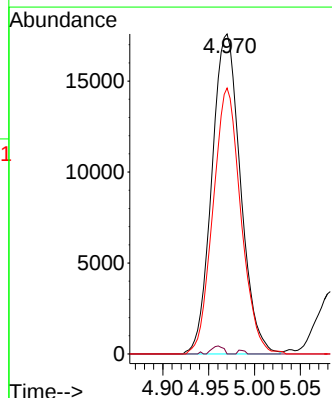
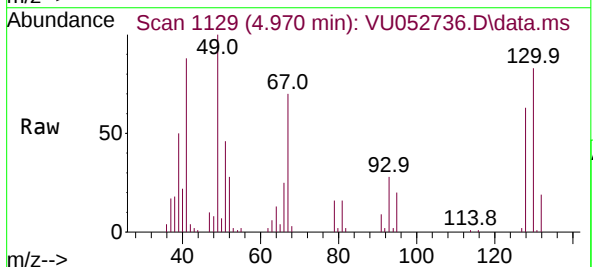
Tgt Ion: 49 Resp: 38298

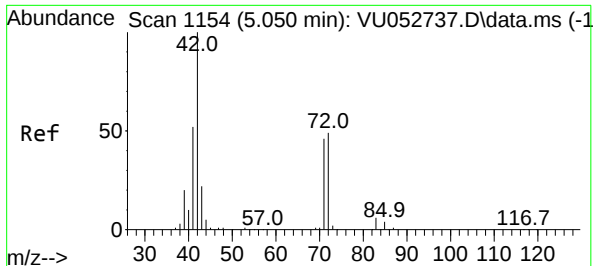
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 80.6 65.5 98.3





#29

Tetrahydrofuran

Concen: 80.144 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

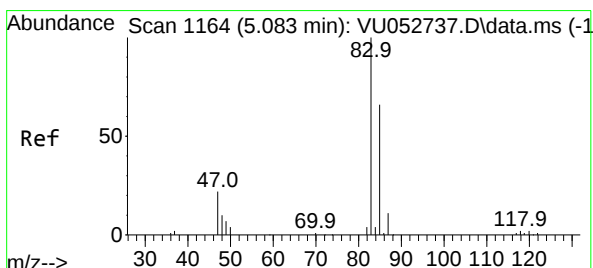
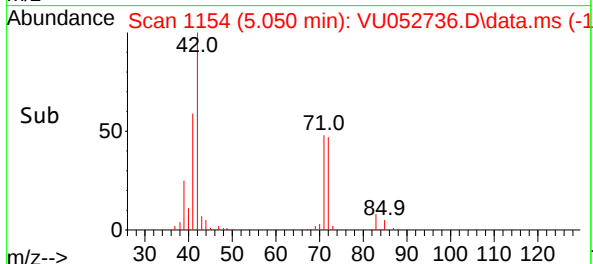
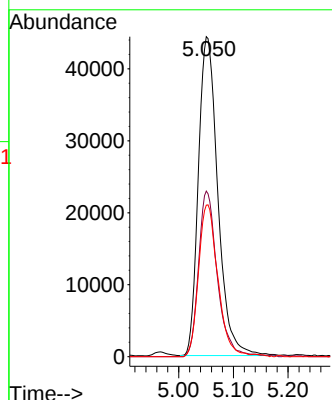
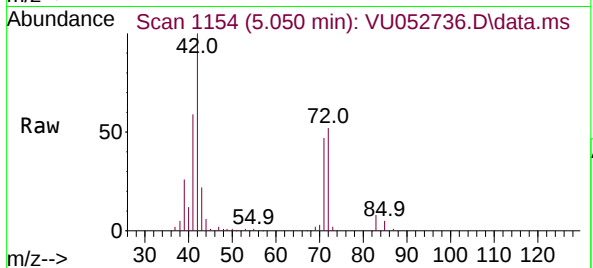
Tgt Ion: 42 Resp: 109335

Ion Ratio Lower Upper

42 100

72 50.0 40.5 60.7

71 47.1 37.4 56.0



#30

Chloroform

Concen: 17.572 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052736.D

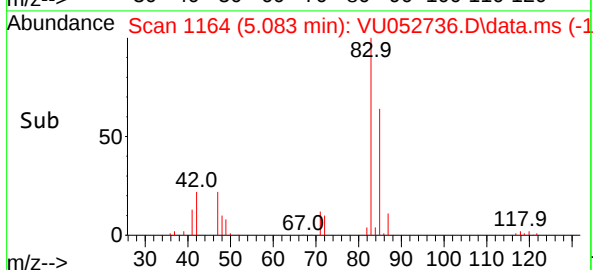
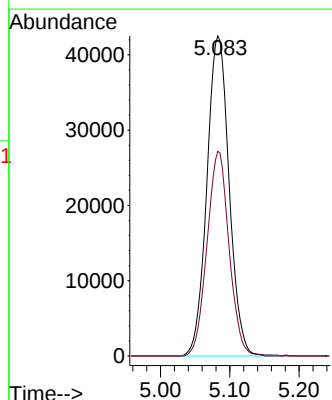
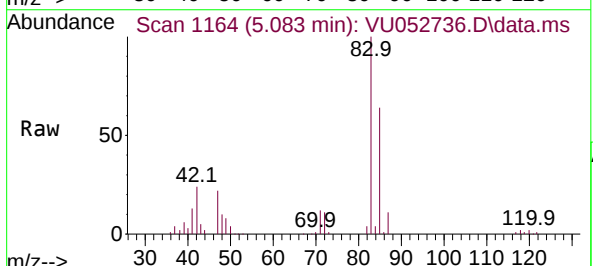
Acq: 19 Jan 2023 13:45

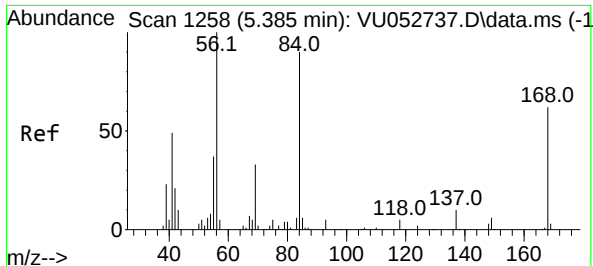
Tgt Ion: 83 Resp: 94716

Ion Ratio Lower Upper

83 100

85 63.9 52.6 79.0





#31

Cyclohexane

Concen: 16.924 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

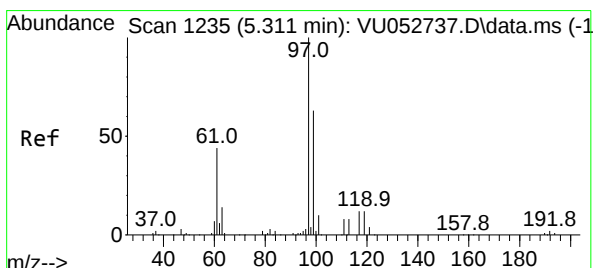
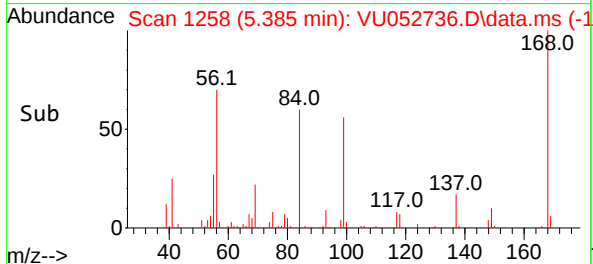
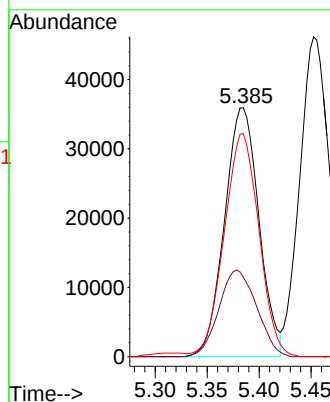
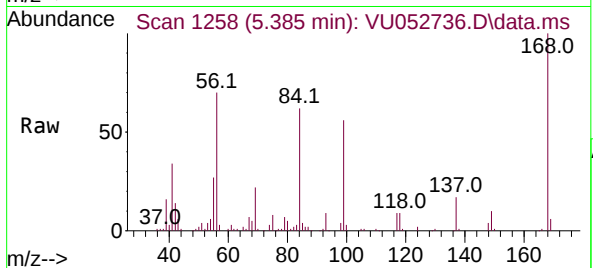
Tgt Ion: 56 Resp: 82834

Ion Ratio Lower Upper

56 100

69 31.9 26.2 39.2

84 88.2 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 18.939 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

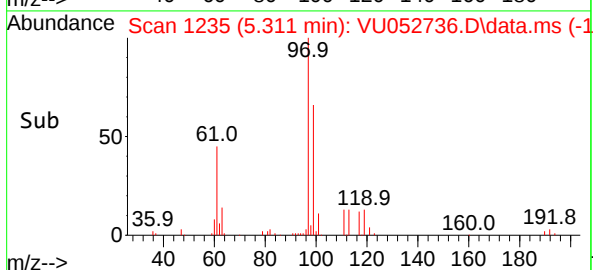
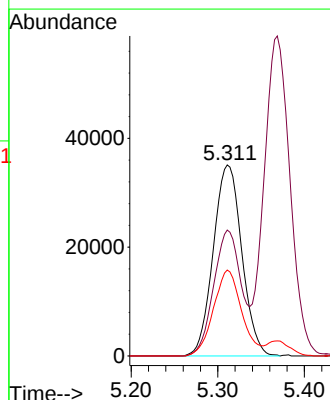
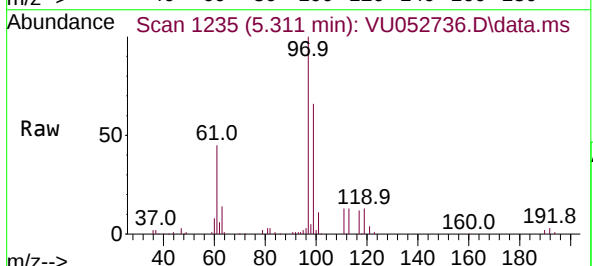
Tgt Ion: 97 Resp: 80436

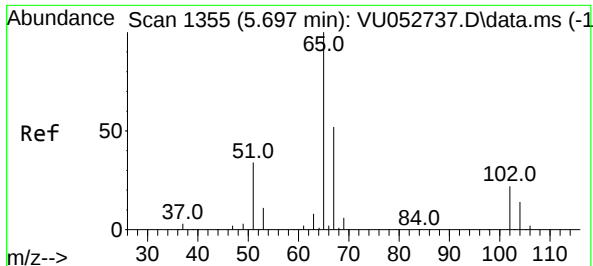
Ion Ratio Lower Upper

97 100

99 63.2 50.5 75.7

61 44.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 18.904 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

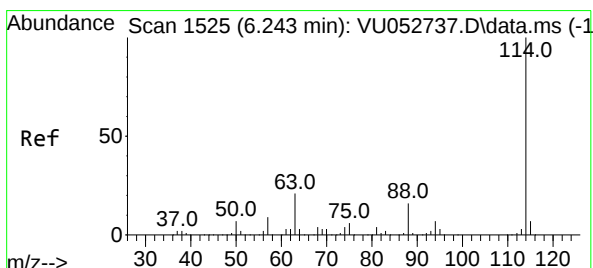
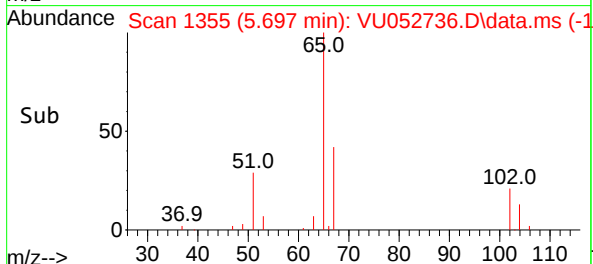
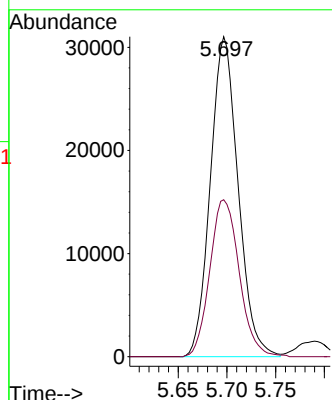
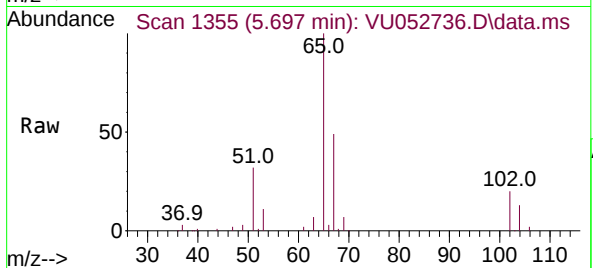
VSTDIC020

Tgt Ion: 65 Resp: 61472

Ion Ratio Lower Upper

65 100

67 52.0 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: VU052736.D

Acq: 19 Jan 2023 13:45

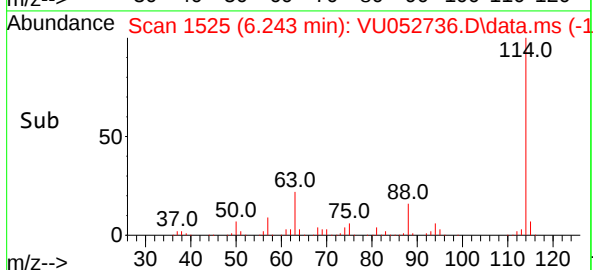
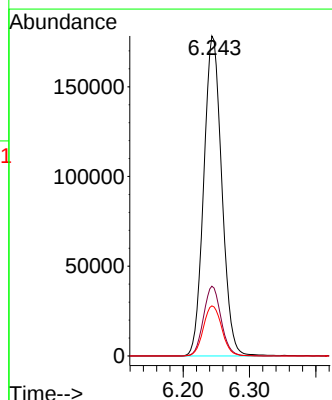
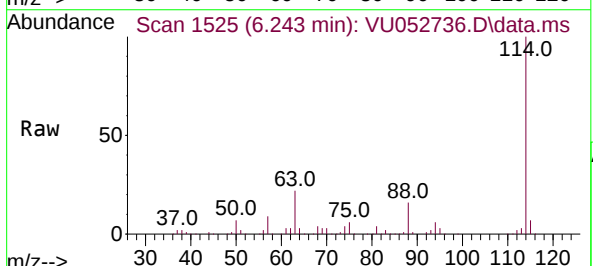
Tgt Ion: 114 Resp: 336823

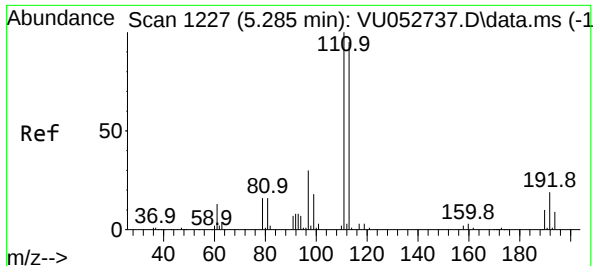
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 20.095 ug/l

RT: 5.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

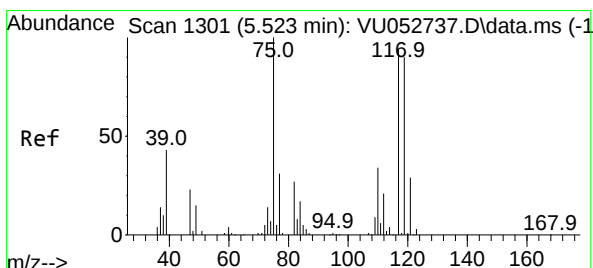
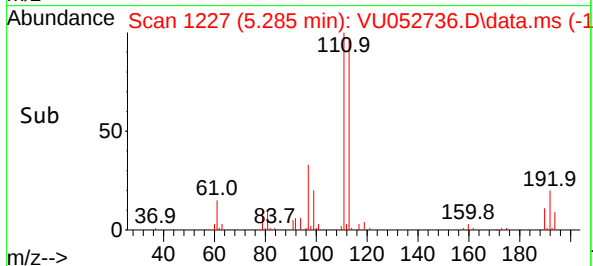
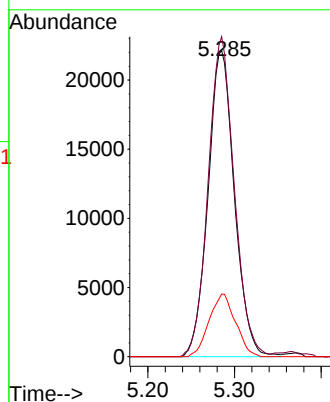
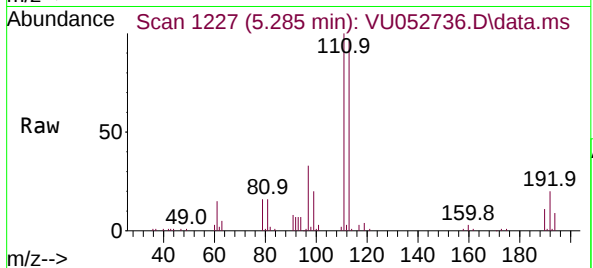
Tgt Ion:113 Resp: 46782

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

192 20.5 15.7 23.5



#36

1,1-Dichloropropene

Concen: 18.542 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

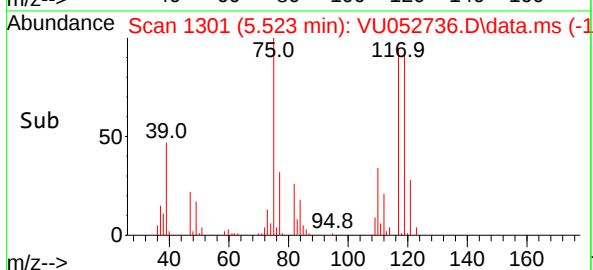
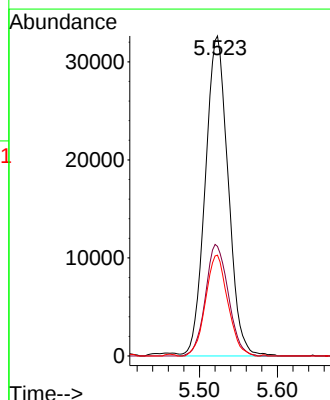
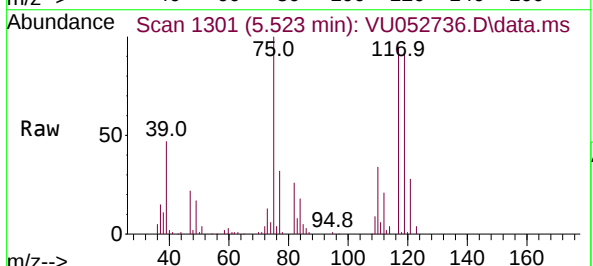
Tgt Ion: 75 Resp: 66538

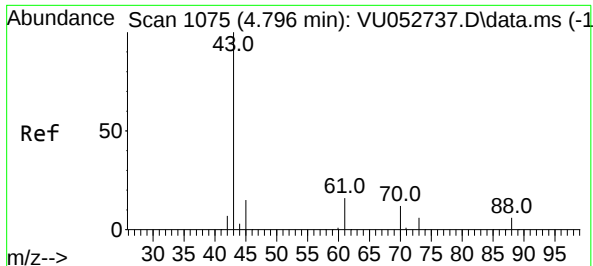
Ion Ratio Lower Upper

75 100

110 34.8 17.1 51.2

77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 15.326 ug/l

RT: 4.800 min Scan# 1075

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

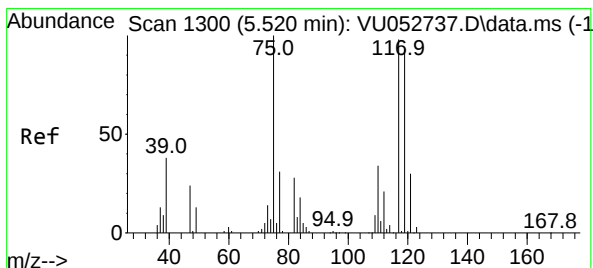
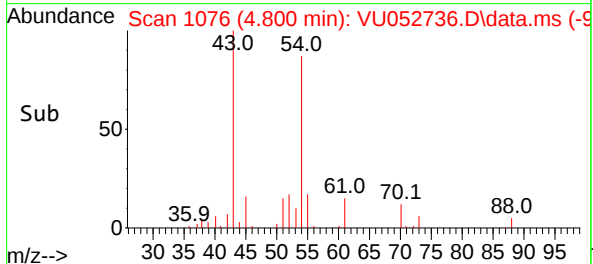
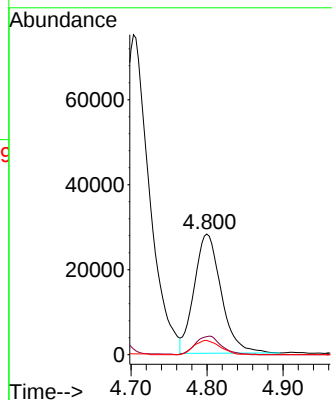
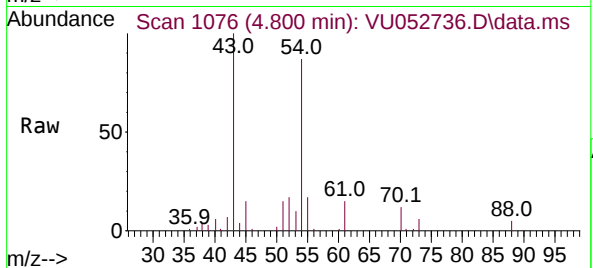
Tgt Ion: 43 Resp: 69222

Ion Ratio Lower Upper

43 100

61 15.0 12.2 18.4

70 11.5 8.9 13.3



#38

Carbon Tetrachloride

Concen: 20.457 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

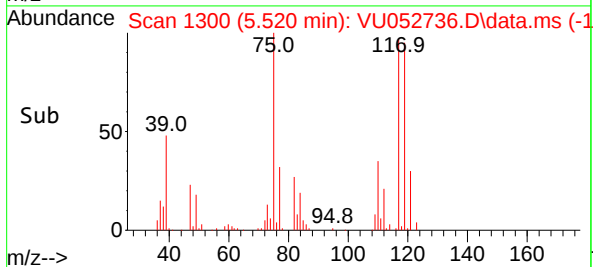
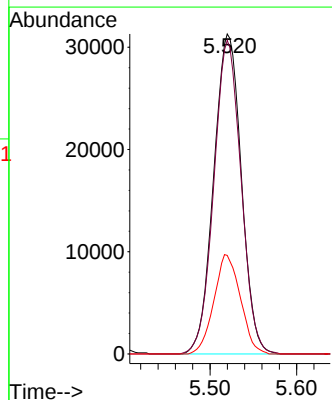
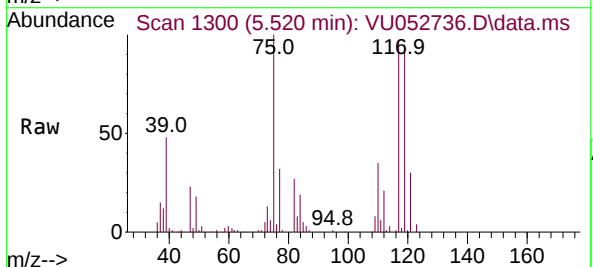
Tgt Ion: 117 Resp: 69317

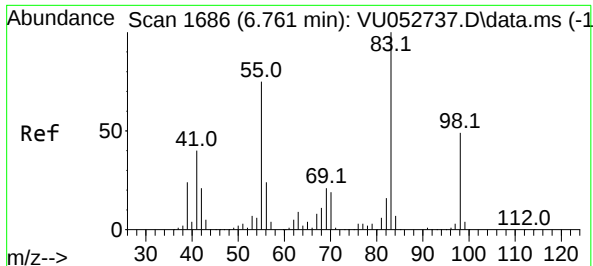
Ion Ratio Lower Upper

117 100

119 98.0 75.6 113.4

121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 18.487 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

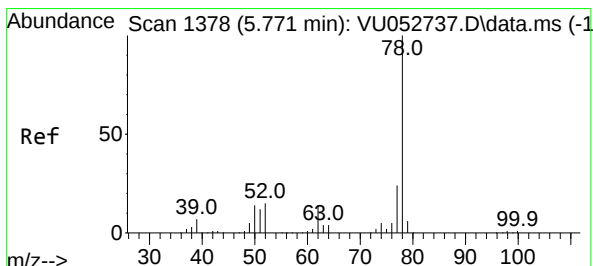
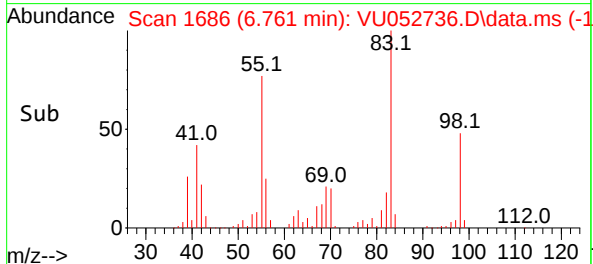
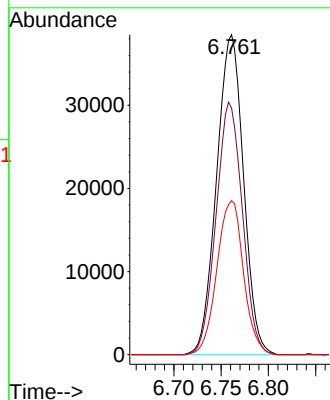
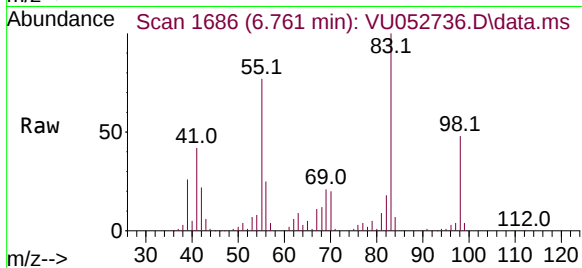
Tgt Ion: 83 Resp: 76356

Ion Ratio Lower Upper

83 100

55 77.1 60.4 90.6

98 48.1 38.9 58.3



#40

Benzene

Concen: 18.858 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052736.D

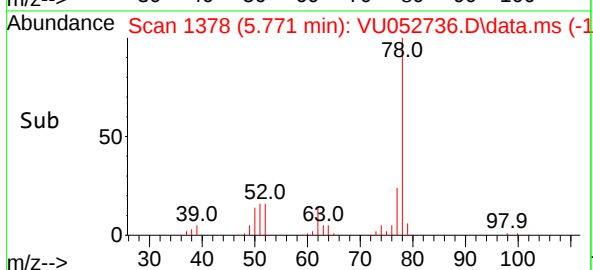
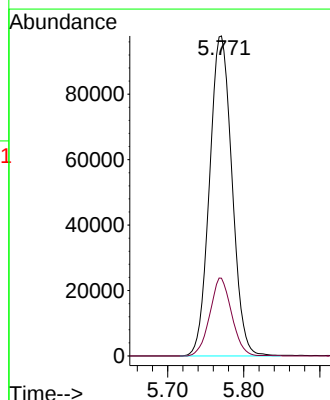
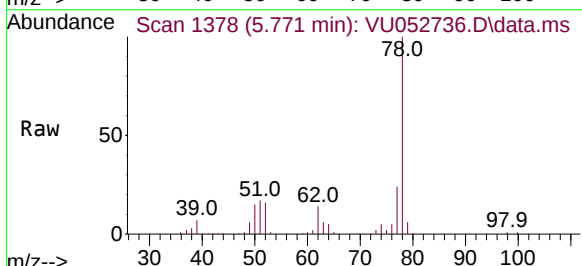
Acq: 19 Jan 2023 13:45

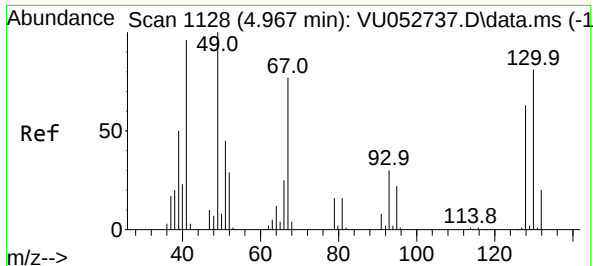
Tgt Ion: 78 Resp: 200721

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3



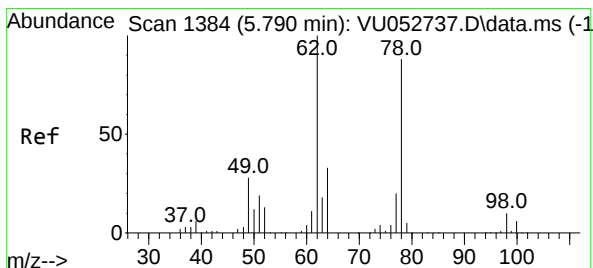
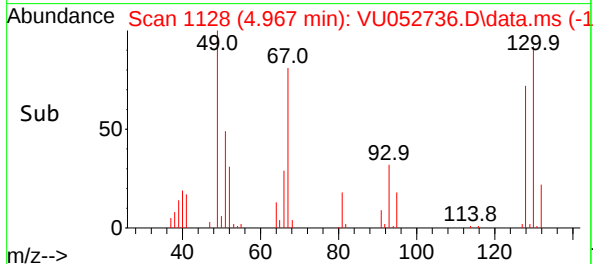
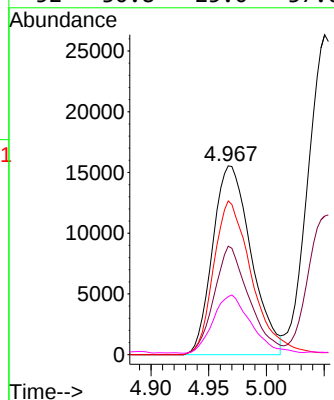
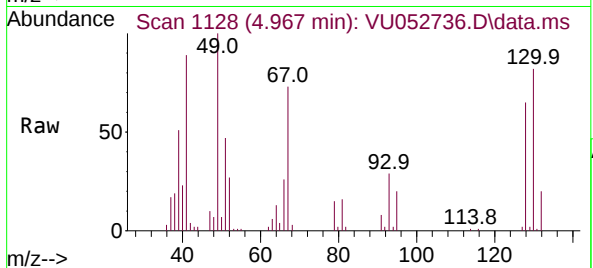


#41
Methacrylonitrile
Concen: 17.140 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 36059

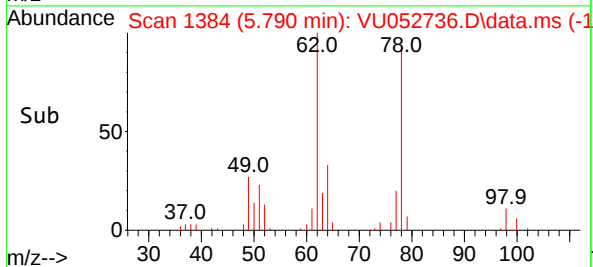
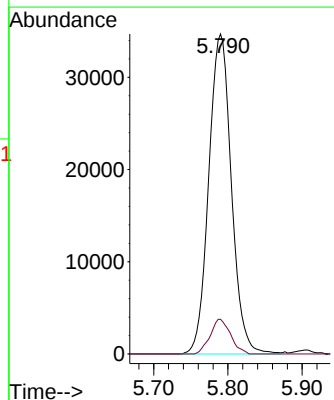
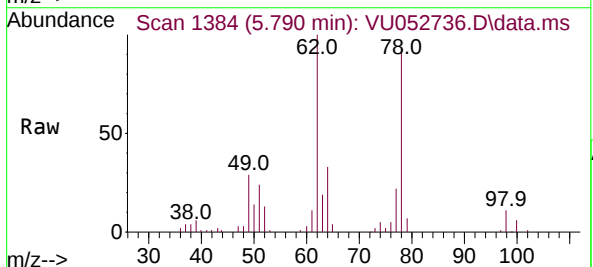
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.2
67	81.0	65.0	97.6
52	30.8	25.0	37.6



#42
1,2-Dichloroethane
Concen: 19.131 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 62 Resp: 73422

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 17.003 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

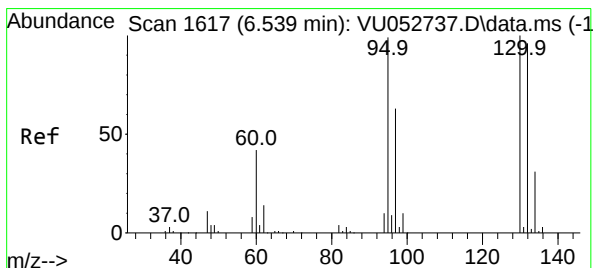
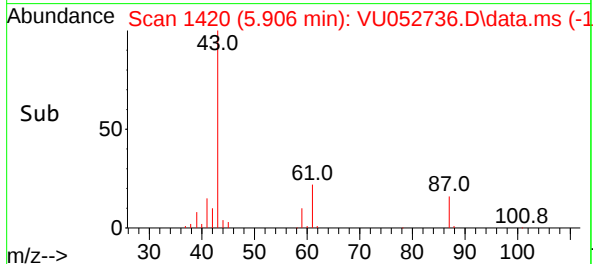
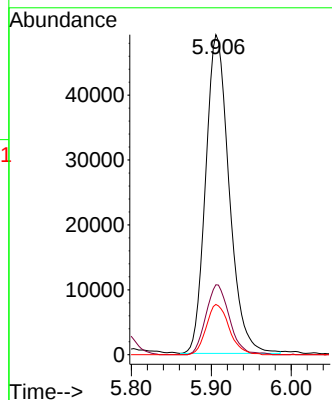
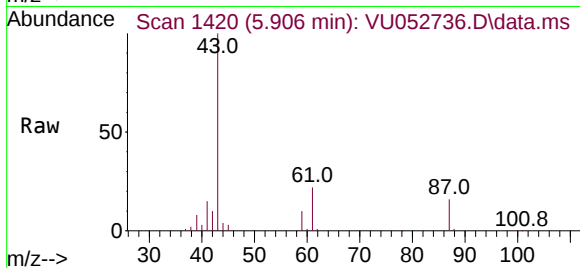
Tgt Ion: 43 Resp: 100510

Ion Ratio Lower Upper

43 100

61 22.0 18.1 27.1

87 15.3 11.7 17.5



#44

Trichloroethene

Concen: 19.540 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052736.D

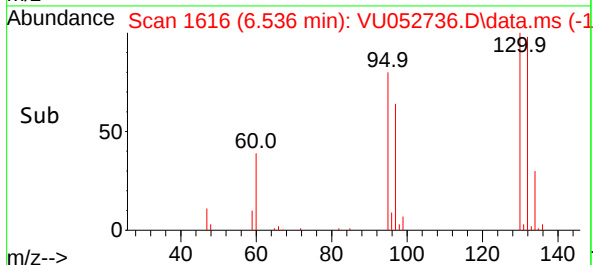
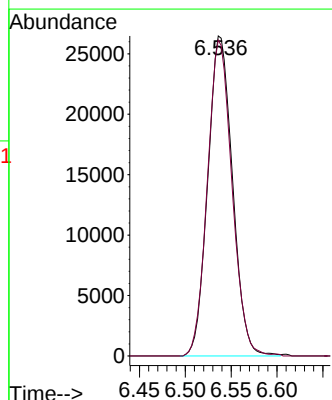
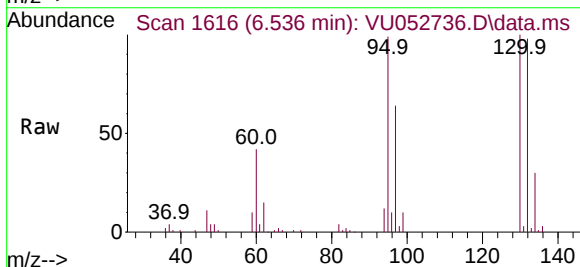
Acq: 19 Jan 2023 13:45

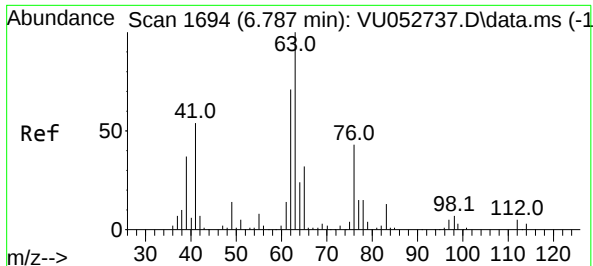
Tgt Ion:130 Resp: 49569

Ion Ratio Lower Upper

130 100

95 98.7 0.0 198.2





#45

1,2-Dichloropropane

Concen: 17.665 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

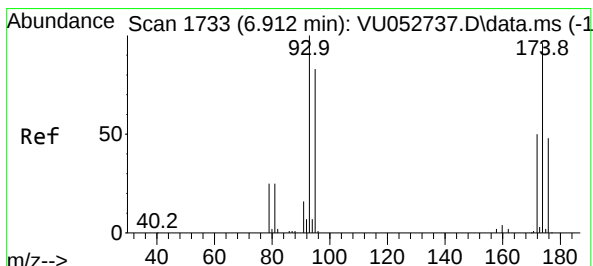
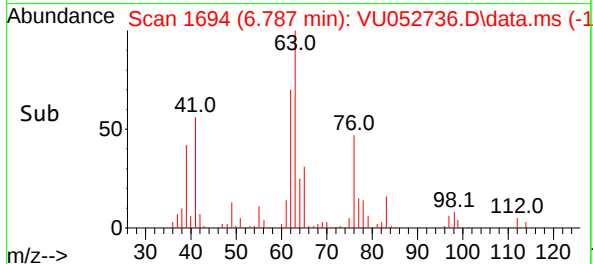
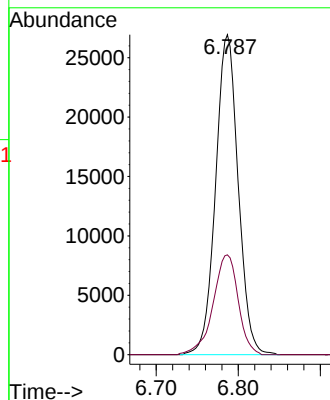
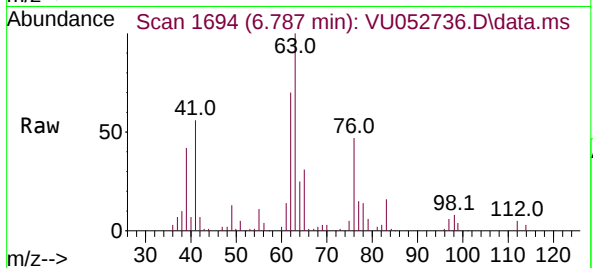
VSTDICC020

Tgt Ion: 63 Resp: 51504

Ion Ratio Lower Upper

63 100

65 31.2 26.0 39.0



#46

Dibromomethane

Concen: 18.721 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

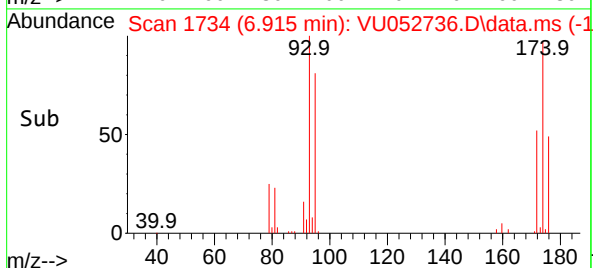
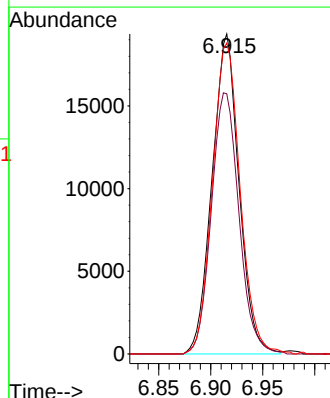
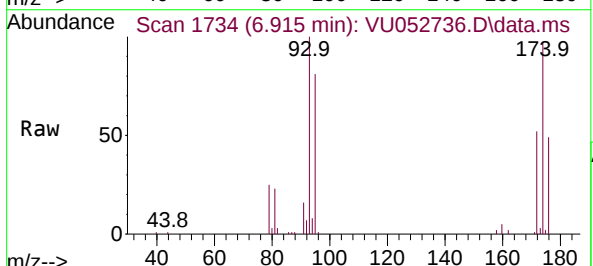
Tgt Ion: 93 Resp: 34824

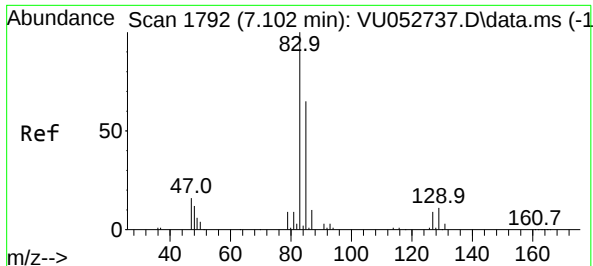
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 100.1 78.6 117.8





#47

Bromodichloromethane

Concen: 18.922 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

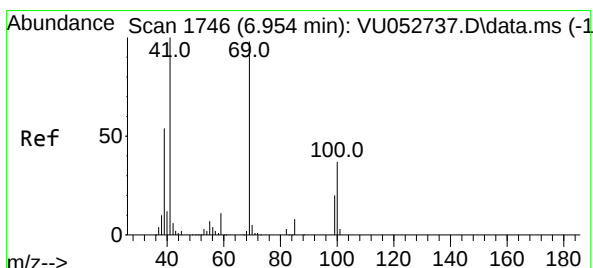
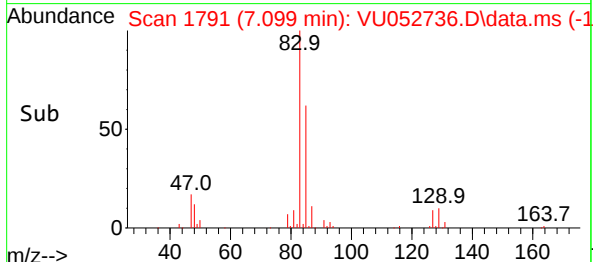
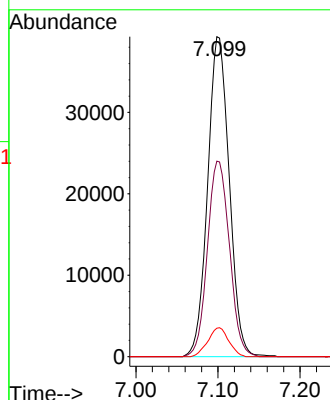
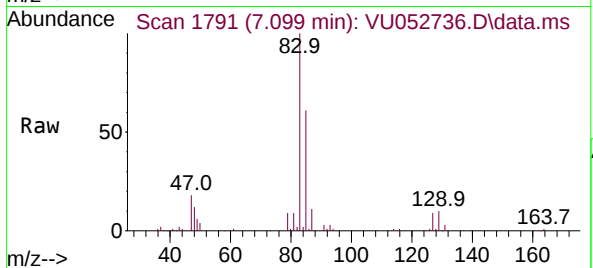
Tgt Ion: 83 Resp: 71917

Ion Ratio Lower Upper

83 100

85 61.1 51.6 77.4

127 8.9 6.9 10.3



#48

Methyl methacrylate

Concen: 16.577 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

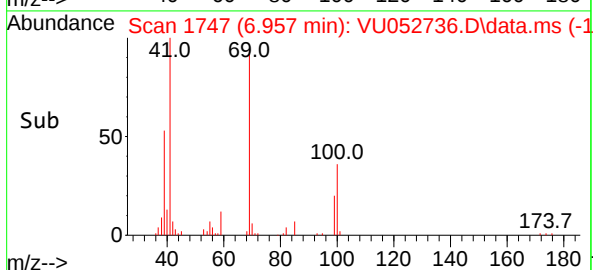
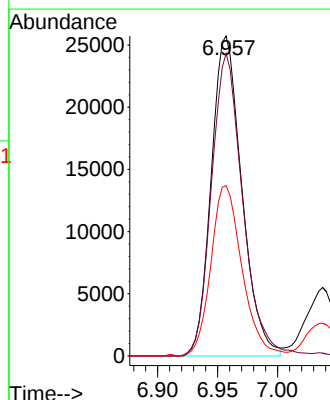
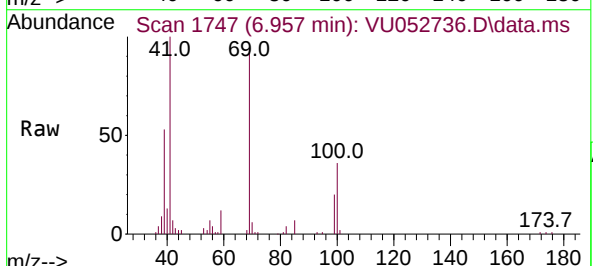
Tgt Ion: 41 Resp: 45610

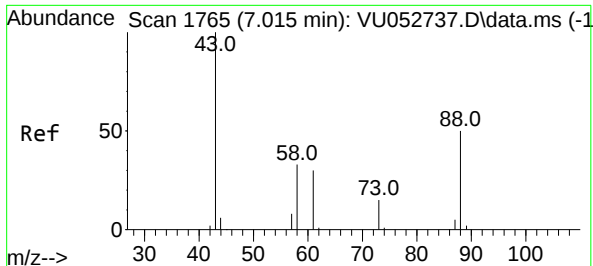
Ion Ratio Lower Upper

41 100

69 96.5 77.2 115.8

39 54.2 42.9 64.3





#49

1,4-Dioxane

Concen: 386.580 ug/l

RT: 7.025 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

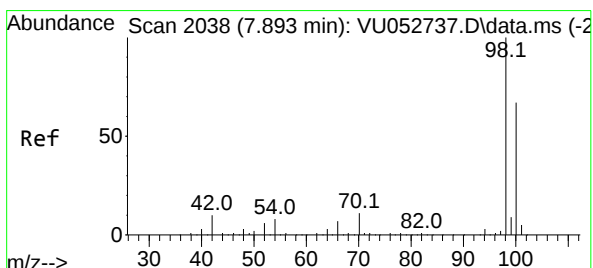
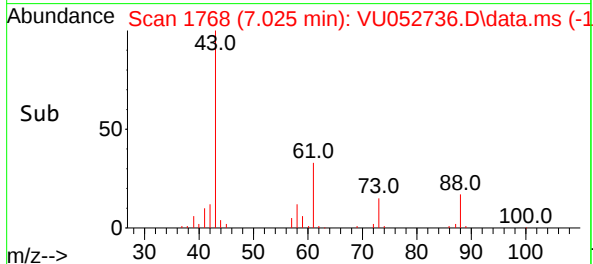
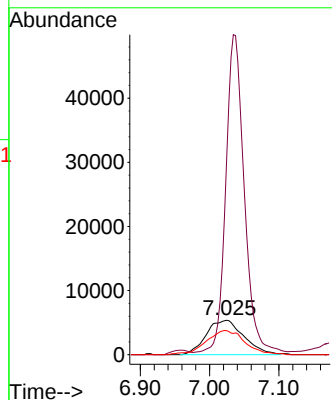
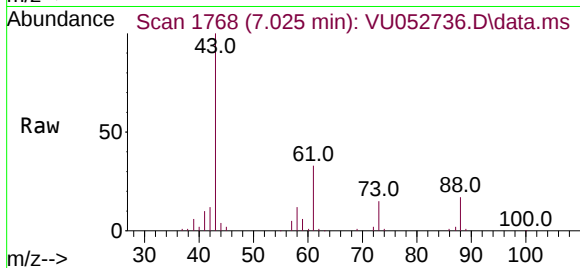
Tgt Ion: 88 Resp: 20264

Ion Ratio Lower Upper

88 100

43 450.6 374.7 562.1

58 72.3 59.2 88.8



#50

Toluene-d8

Concen: 19.492 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052736.D

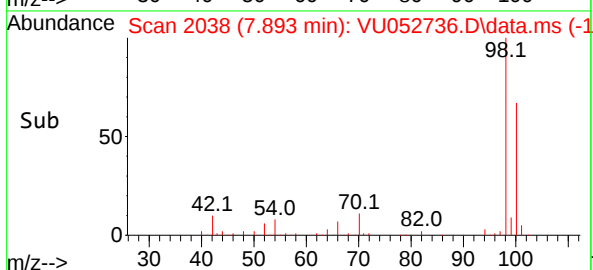
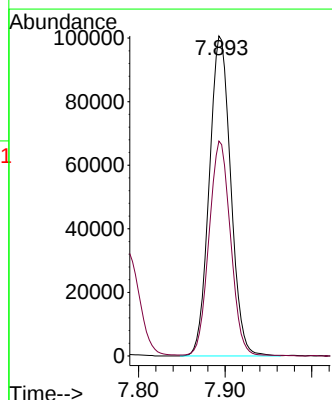
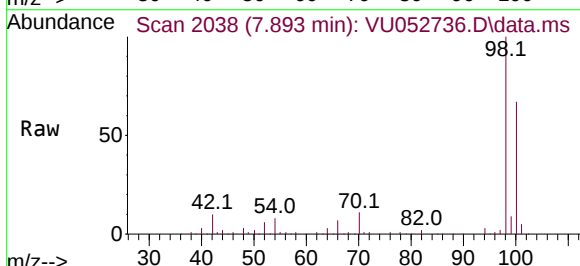
Acq: 19 Jan 2023 13:45

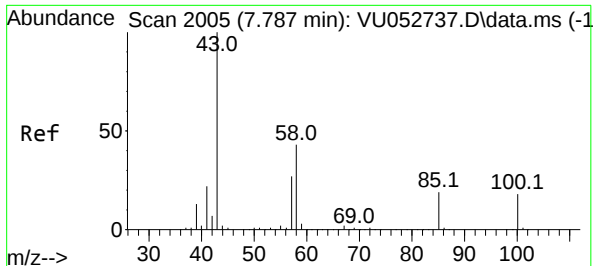
Tgt Ion: 98 Resp: 173254

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 87.491 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

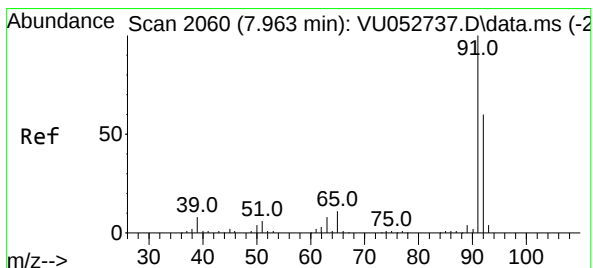
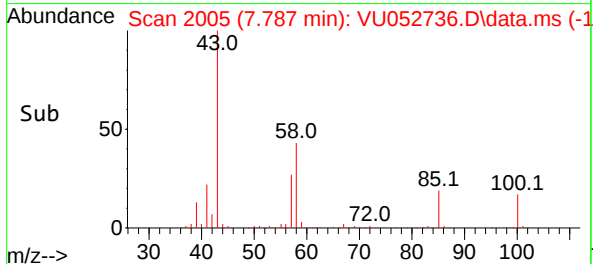
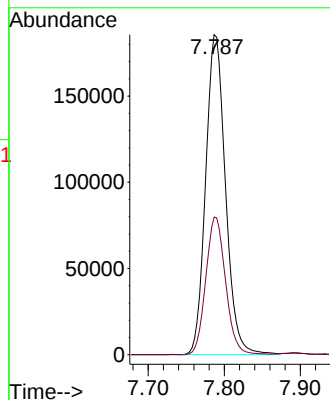
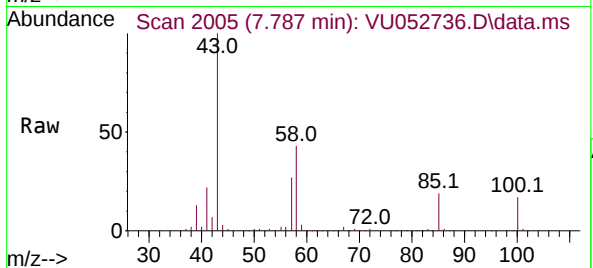
VSTDICC020

Tgt Ion: 43 Resp: 337078

Ion Ratio Lower Upper

43 100

58 42.8 34.6 52.0



#52

Toluene

Concen: 19.921 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052736.D

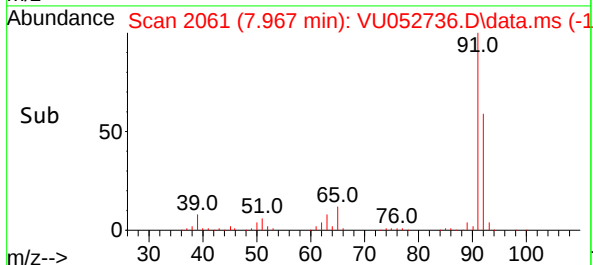
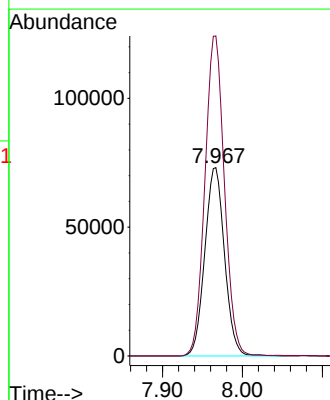
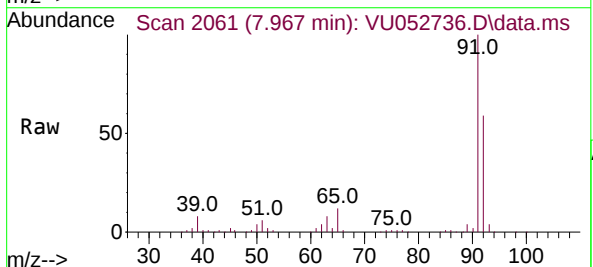
Acq: 19 Jan 2023 13:45

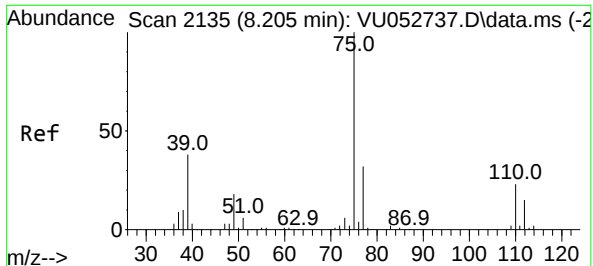
Tgt Ion: 92 Resp: 125160

Ion Ratio Lower Upper

92 100

91 168.2 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 18.430 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

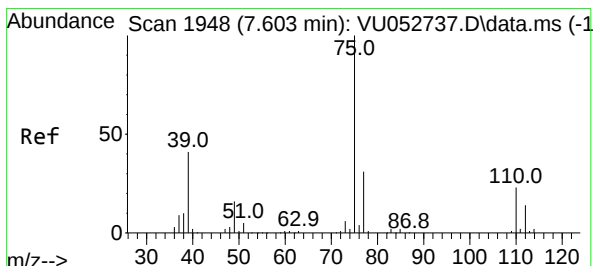
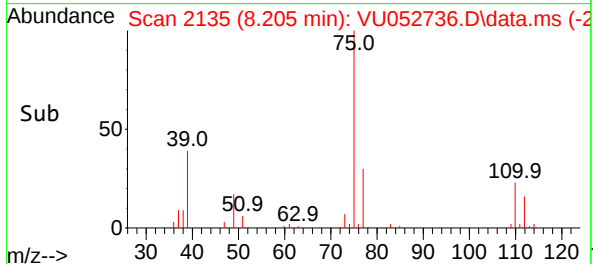
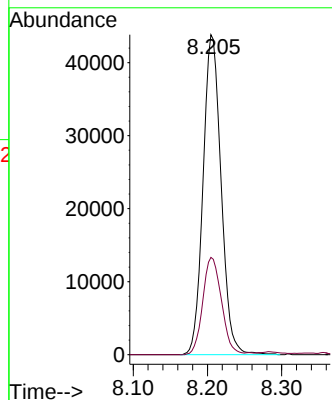
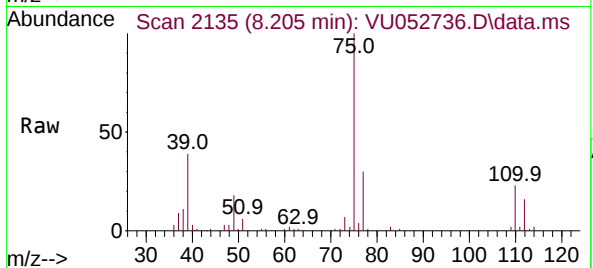
VSTDIC020

Tgt Ion: 75 Resp: 73818

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 18.194 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

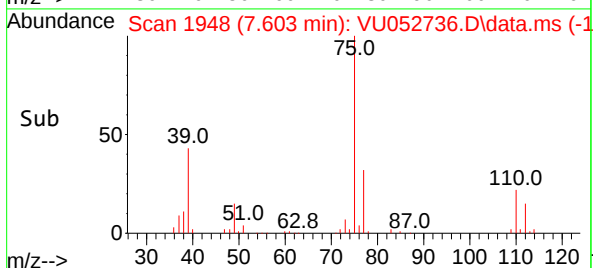
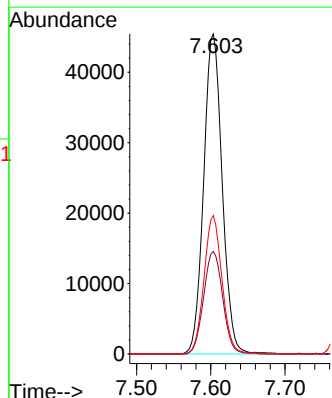
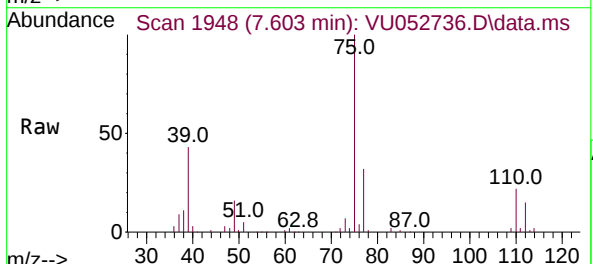
Tgt Ion: 75 Resp: 78908

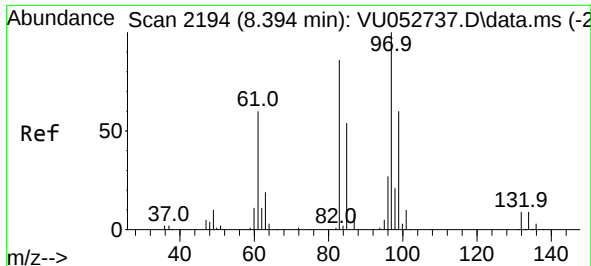
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 43.2 32.9 49.3

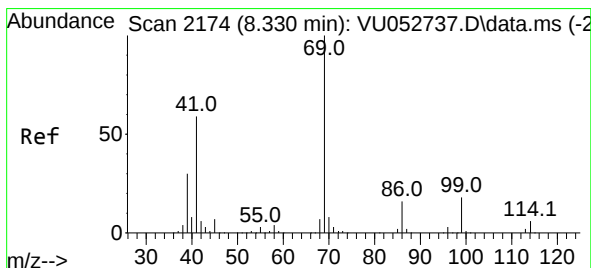
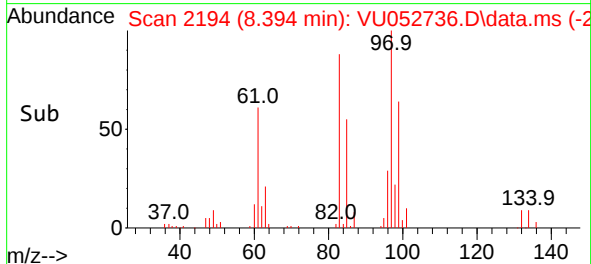
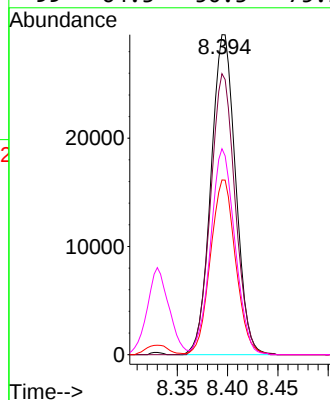
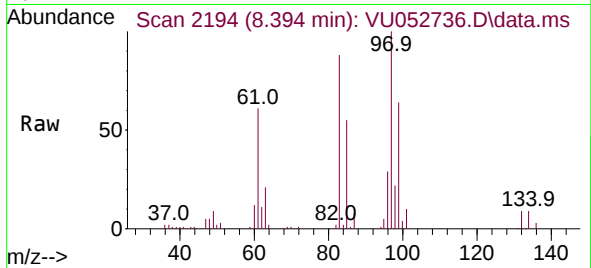




#55
1,1,2-Trichloroethane
Concen: 19.401 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

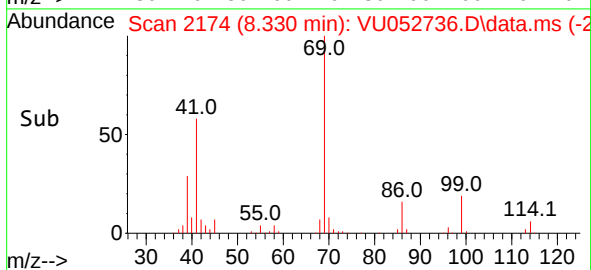
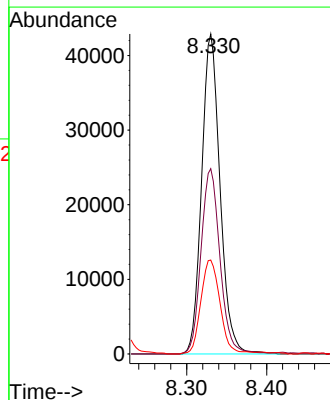
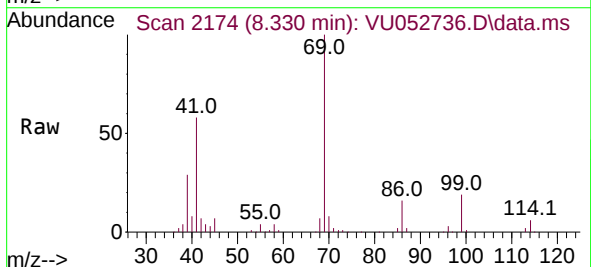
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

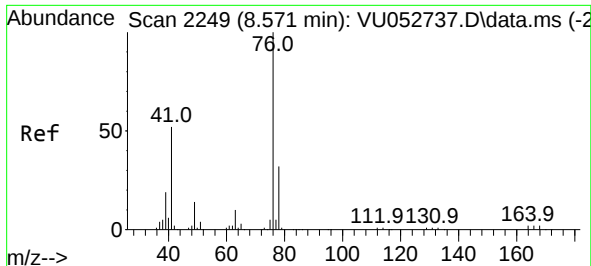
Tgt Ion:	97	Resp:	50512
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.2	103.8
85	54.6	43.8	65.8
99	64.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.114 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:	69	Resp:	68794
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.6	71.4
39	30.6	24.3	36.5





#57

1,3-Dichloropropane

Concen: 19.141 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

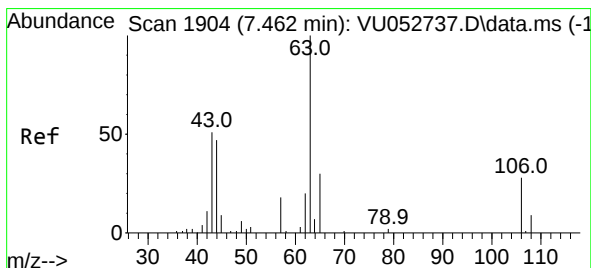
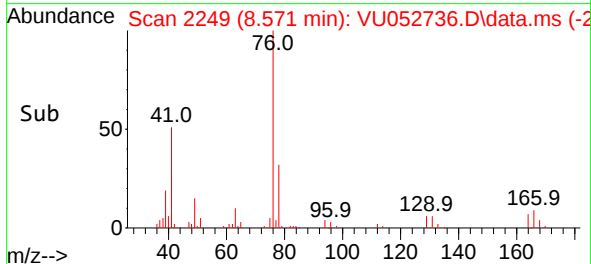
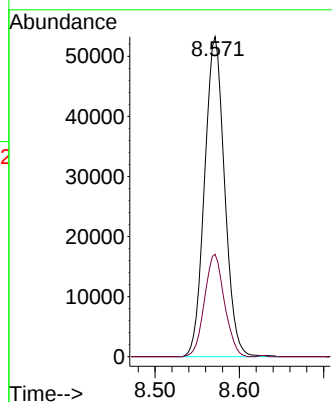
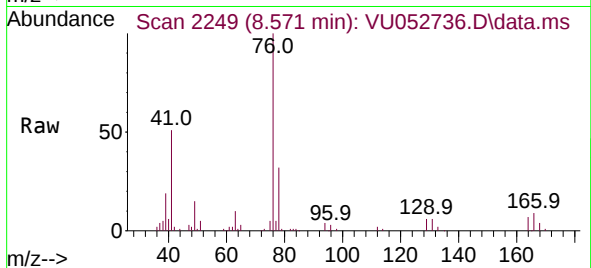
VSTDICC020

Tgt Ion: 76 Resp: 88144

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 55.708 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052736.D

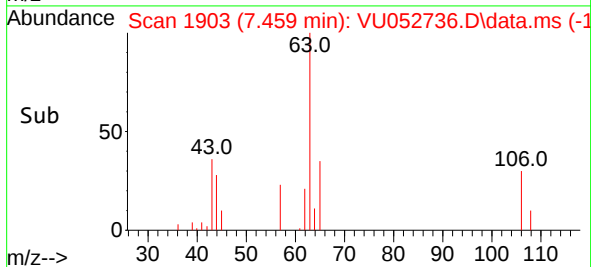
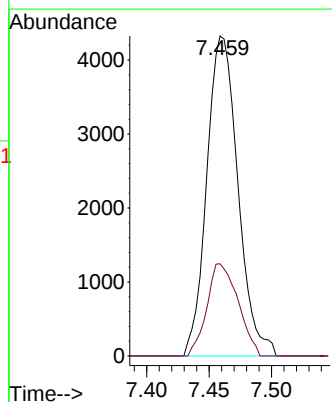
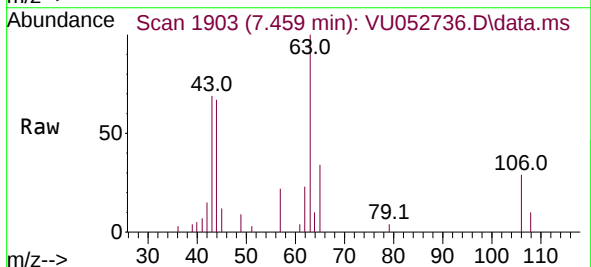
Acq: 19 Jan 2023 13:45

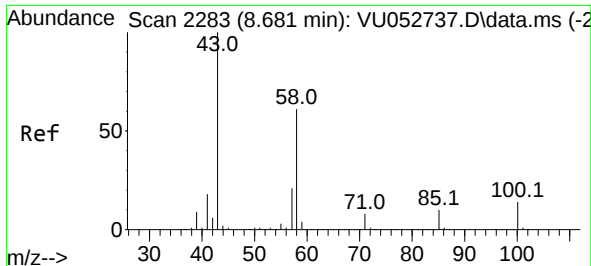
Tgt Ion: 63 Resp: 7526

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8





#59

2-Hexanone

Concen: 89.067 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

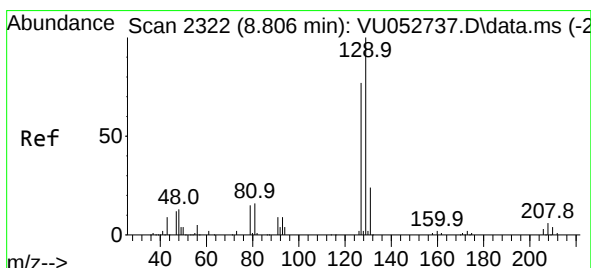
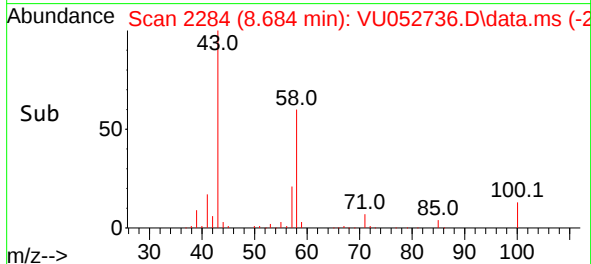
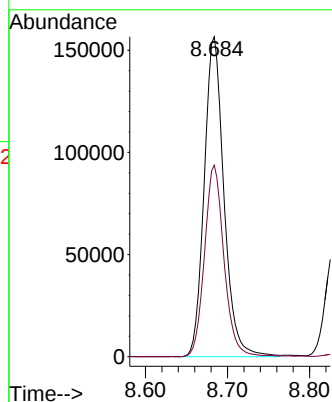
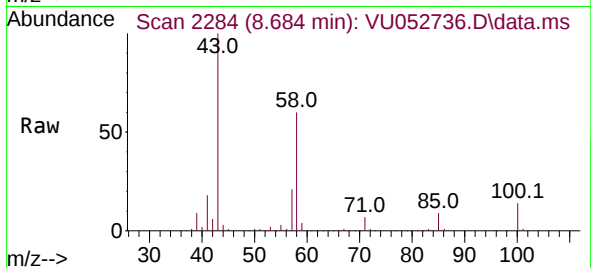
VSTDIC020

Tgt Ion: 43 Resp: 262566

Ion Ratio Lower Upper

43 100

58 58.9 29.8 89.5



#60

Dibromochloromethane

Concen: 19.829 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052736.D

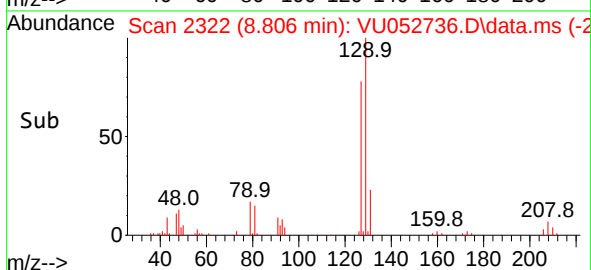
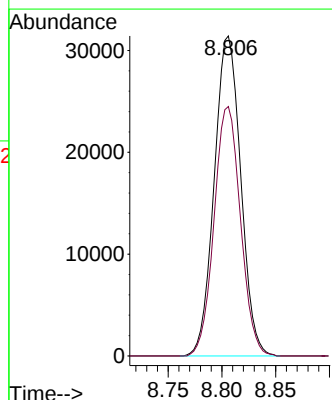
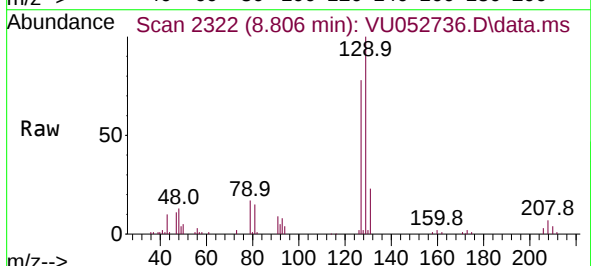
Acq: 19 Jan 2023 13:45

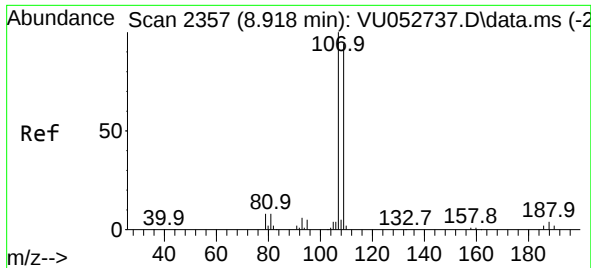
Tgt Ion: 129 Resp: 53916

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.2

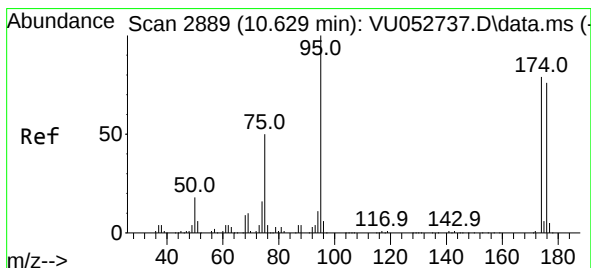
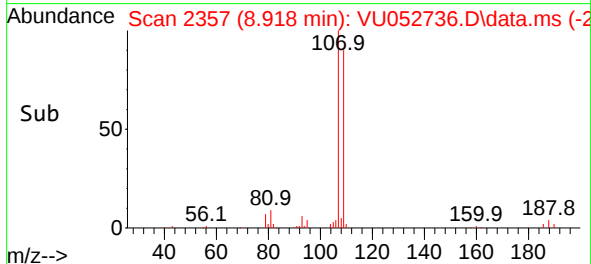
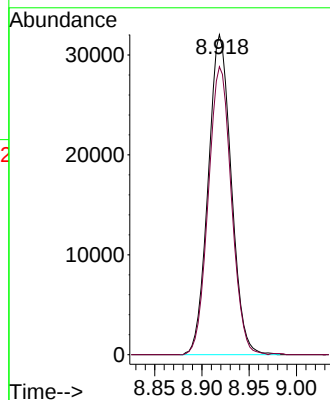
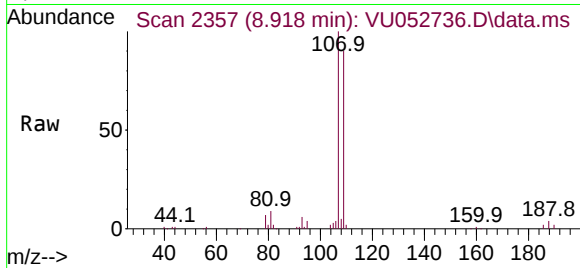




#61
 1,2-Dibromoethane
 Concen: 20.601 ug/l
 RT: 8.918 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

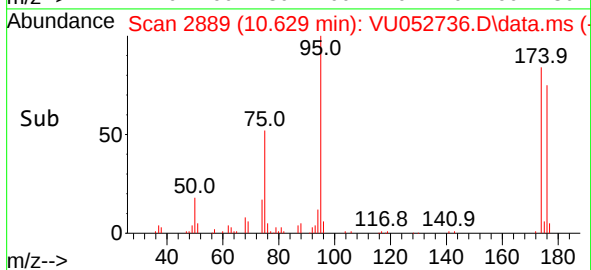
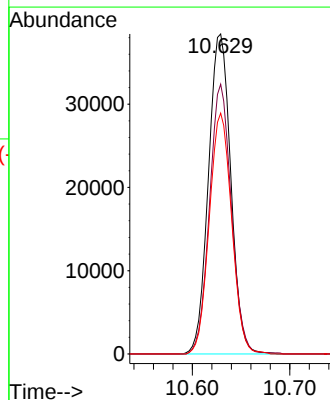
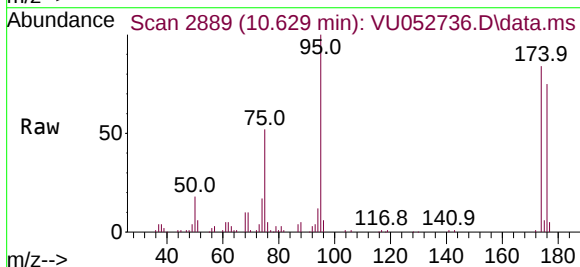
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

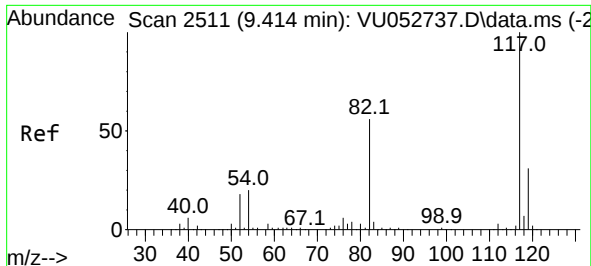
Tgt Ion:107 Resp: 54398
 Ion Ratio Lower Upper
 107 100
 109 89.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.020 ug/l
 RT: 10.629 min Scan# 2889
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Tgt Ion: 95 Resp: 61275
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 158.6
 176 75.4 0.0 150.6

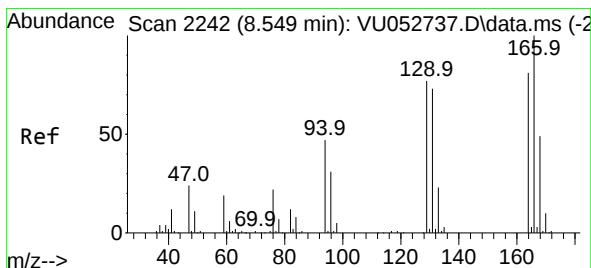
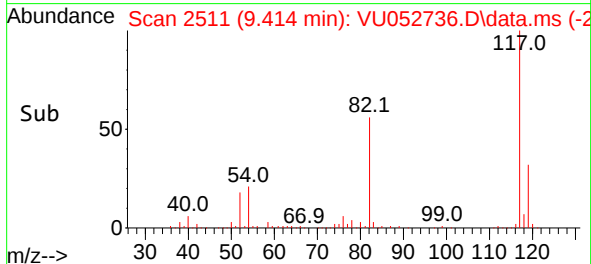
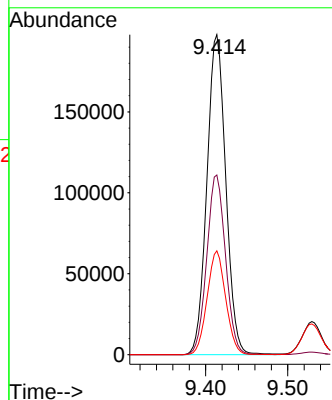
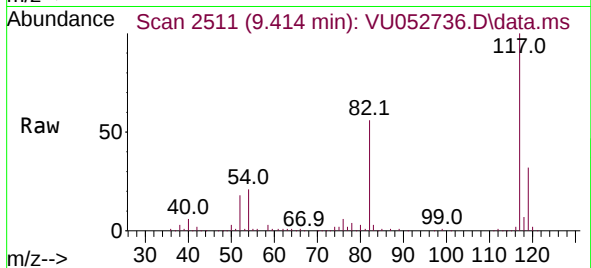




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

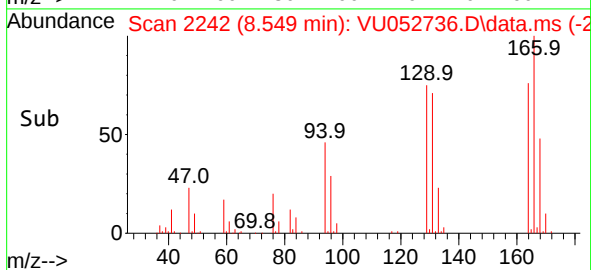
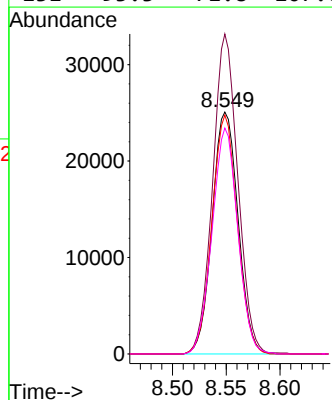
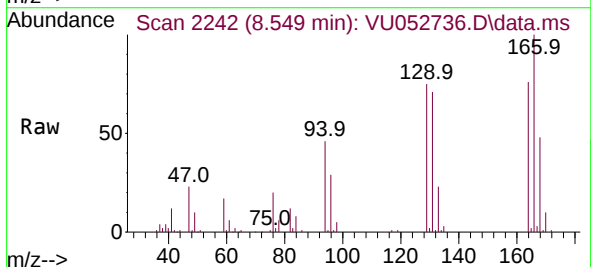
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

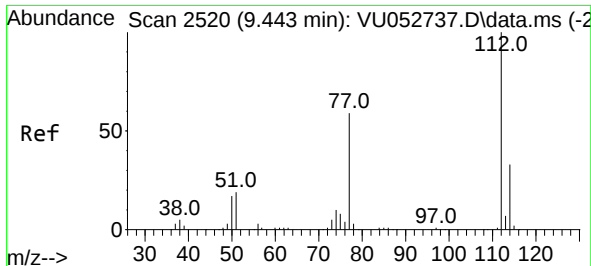
Tgt Ion:117 Resp: 315756
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.4 25.0 37.6



#64
Tetrachloroethene
Concen: 20.472 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:164 Resp: 42033
Ion Ratio Lower Upper
164 100
166 132.2 98.9 148.3
129 98.7 76.0 114.0
131 93.3 71.8 107.6

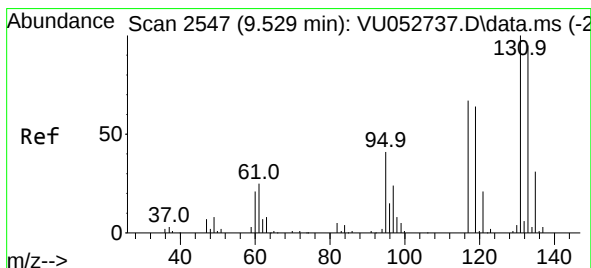
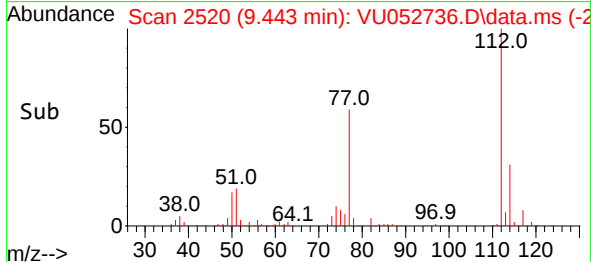
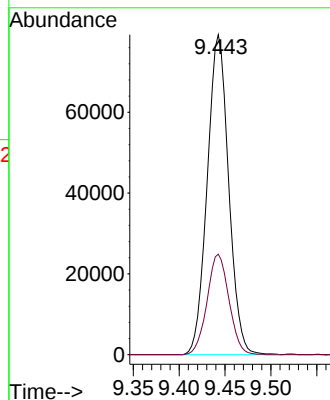
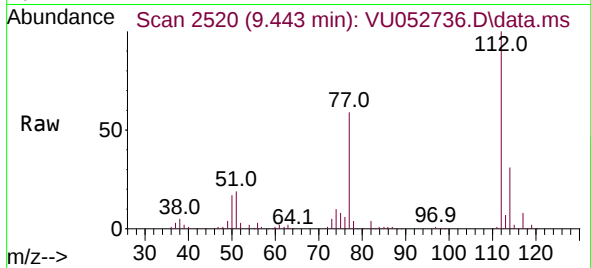




#65
Chlorobenzene
Concen: 19.233 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

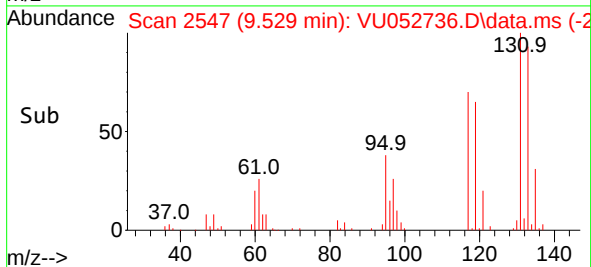
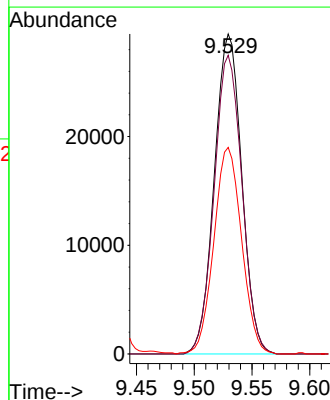
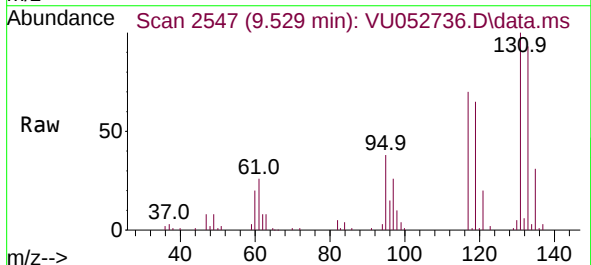
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

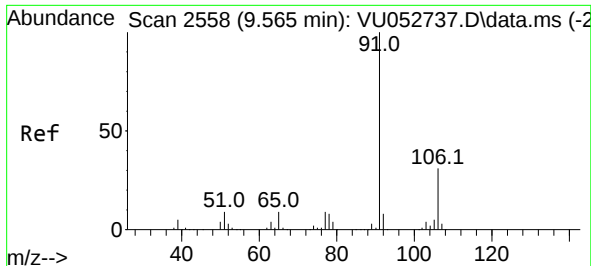
Tgt Ion:112 Resp: 128546
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:131 Resp: 48576
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 65.5 32.1 96.3





#67

Ethyl Benzene

Concen: 19.043 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

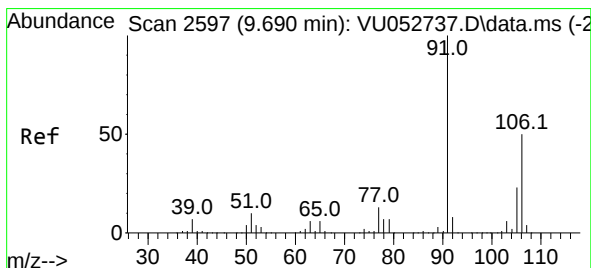
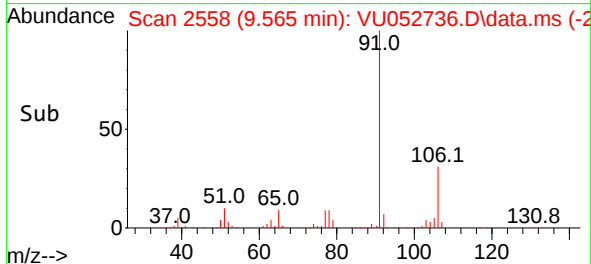
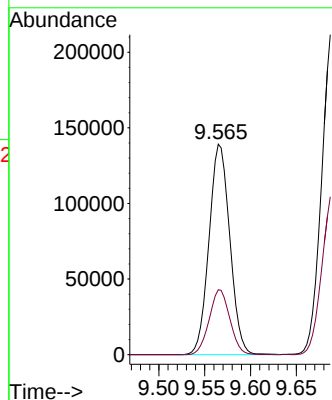
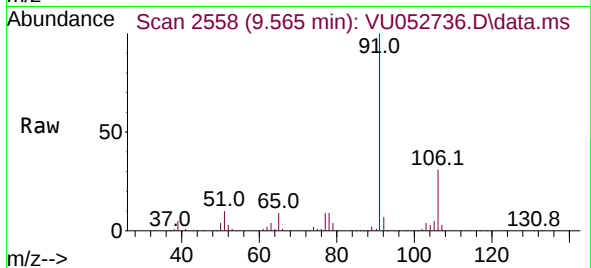
VSTDIC020

Tgt Ion: 91 Resp: 219600

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 40.549 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052736.D

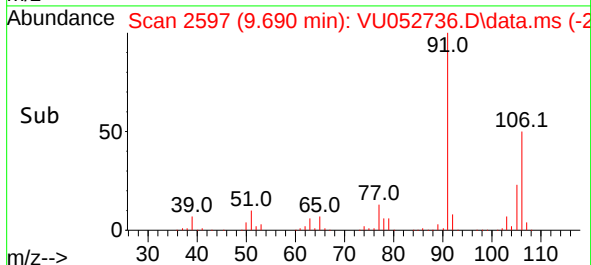
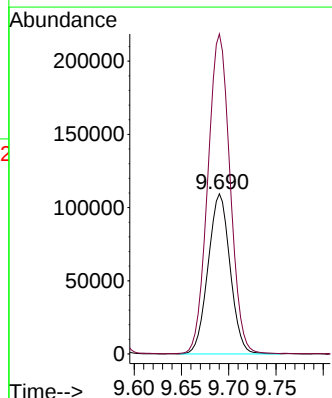
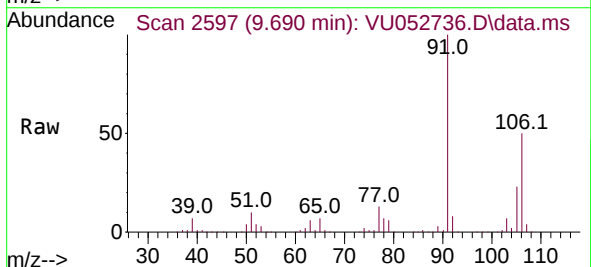
Acq: 19 Jan 2023 13:45

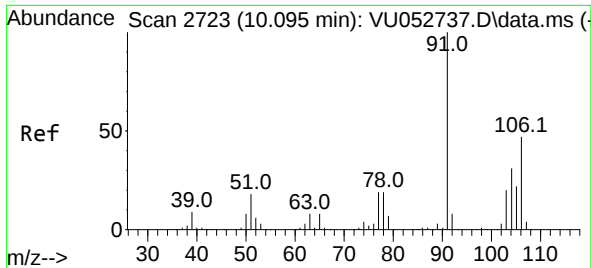
Tgt Ion: 106 Resp: 177017

Ion Ratio Lower Upper

106 100

91 202.1 160.8 241.2

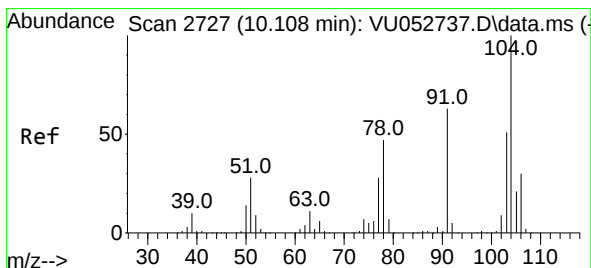
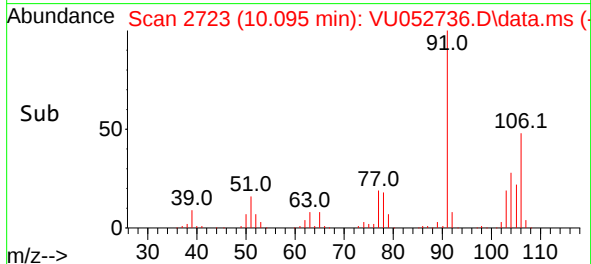
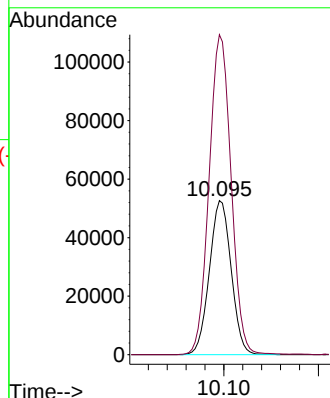
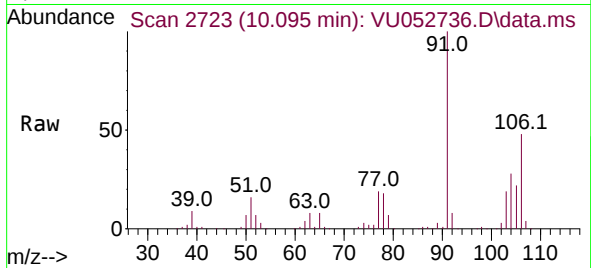




#69
o-Xylene
Concen: 20.272 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

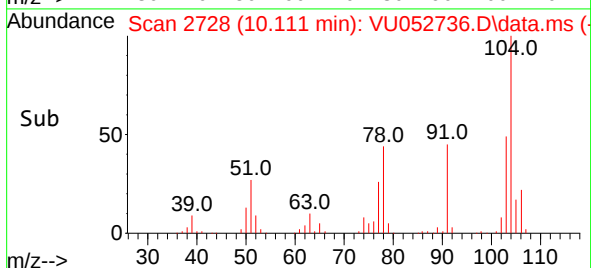
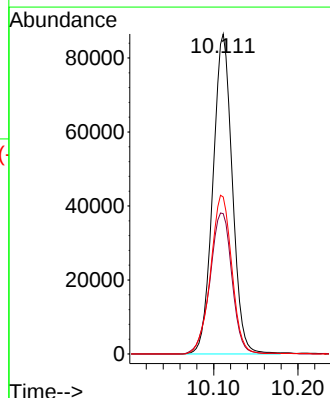
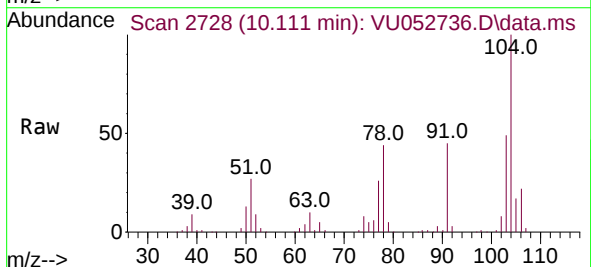
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

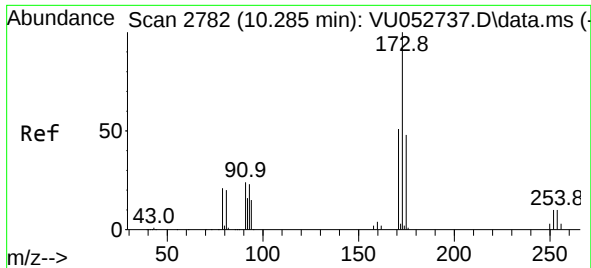
Tgt Ion:106 Resp: 84241
Ion Ratio Lower Upper
106 100
91 209.8 107.9 323.7



#70
Styrene
Concen: 19.860 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:104 Resp: 138205
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.1 43.4 65.2

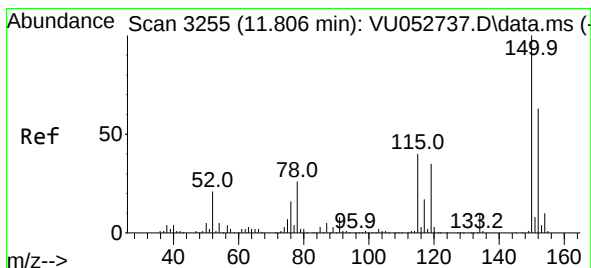
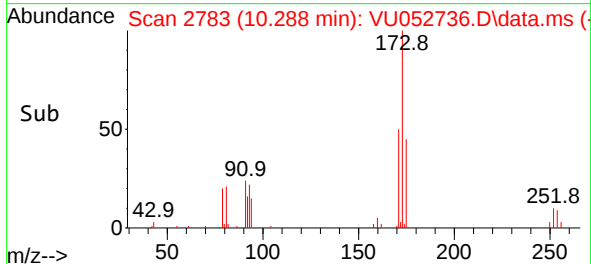
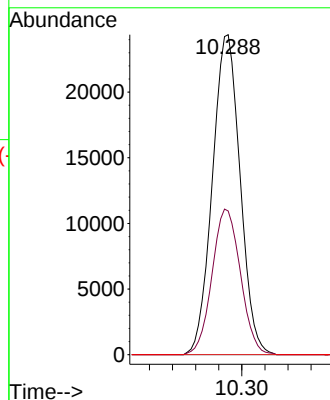
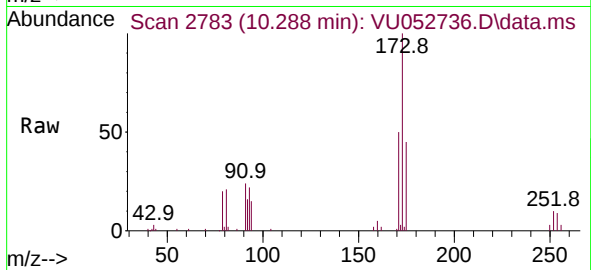




#71
Bromoform
Concen: 19.784 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

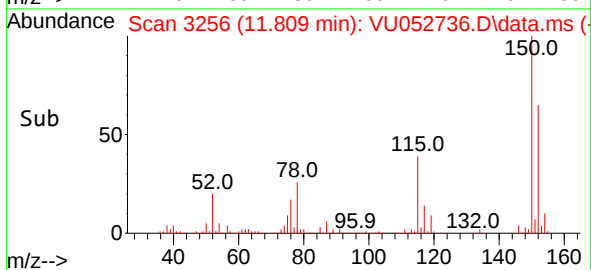
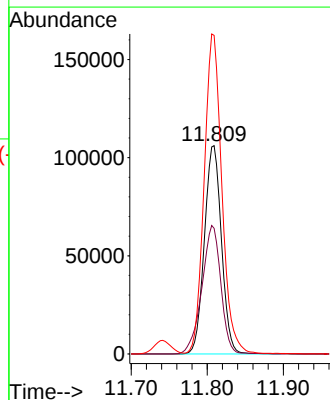
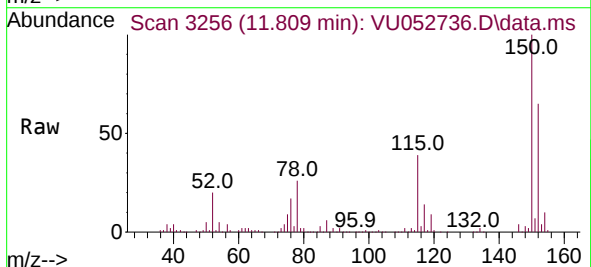
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

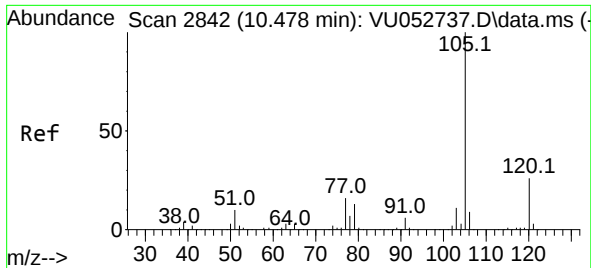
Tgt Ion:173 Resp: 40586
Ion Ratio Lower Upper
173 100
175 46.6 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:152 Resp: 165589
Ion Ratio Lower Upper
152 100
115 68.4 41.7 125.1
150 159.2 0.0 349.2

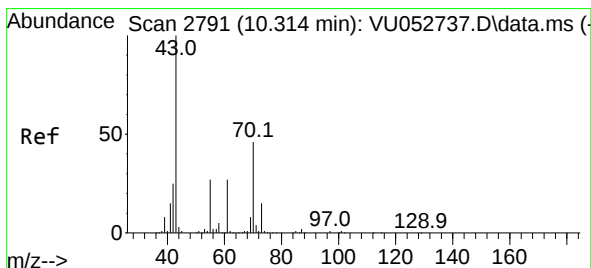
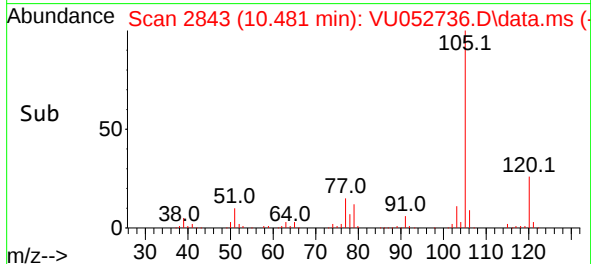
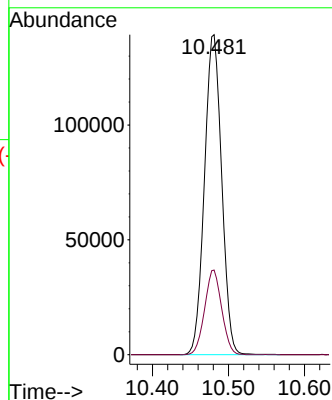
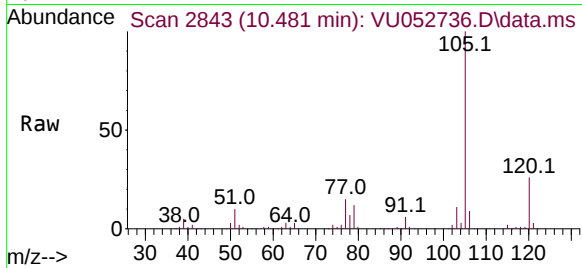




#73
Isopropylbenzene
Concen: 19.526 ug/l
RT: 10.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

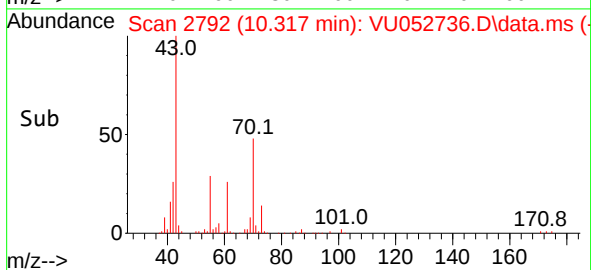
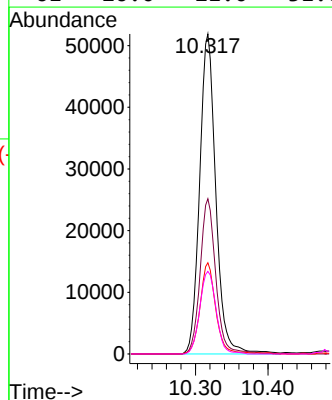
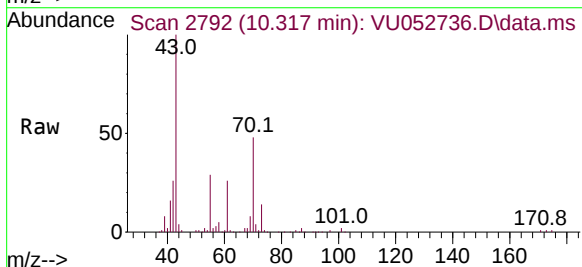
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

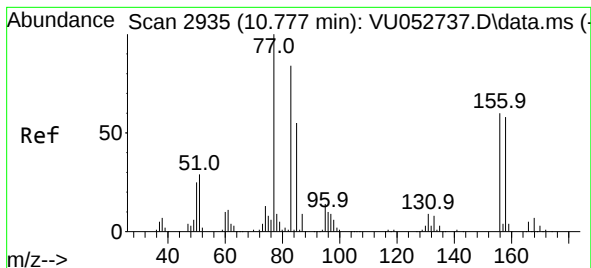
Tgt Ion:105 Resp: 219283
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-amy1 acetate
Concen: 16.040 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 43 Resp: 80430
Ion Ratio Lower Upper
43 100
70 47.0 37.9 56.9
55 27.5 21.9 32.9
61 26.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.562 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

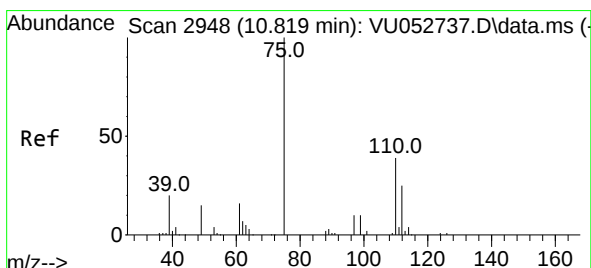
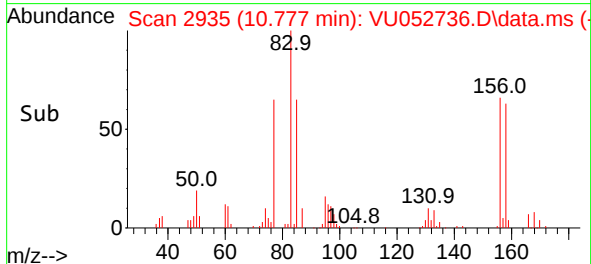
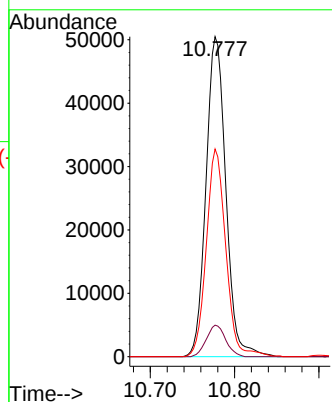
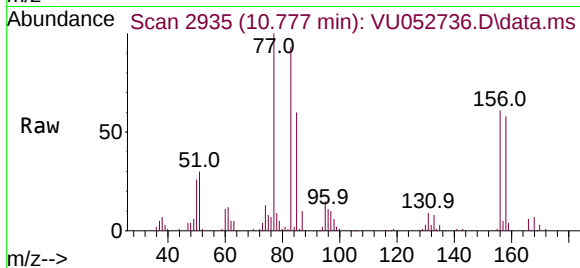
Tgt Ion: 83 Resp: 82758

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 63.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 17.038 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052736.D

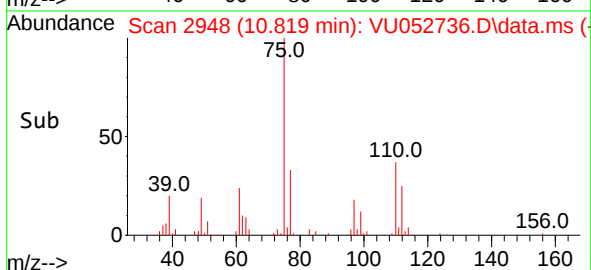
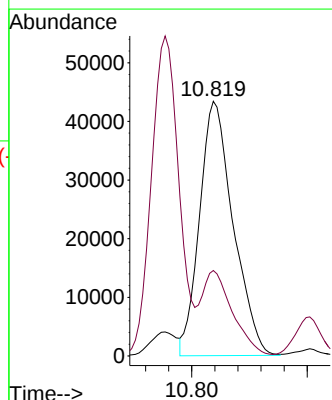
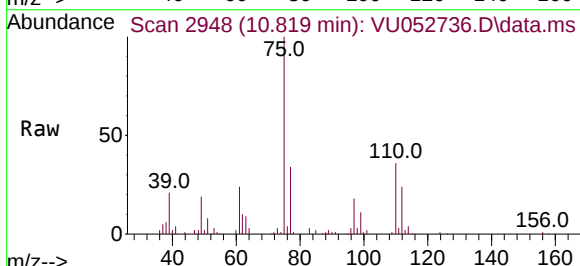
Acq: 19 Jan 2023 13:45

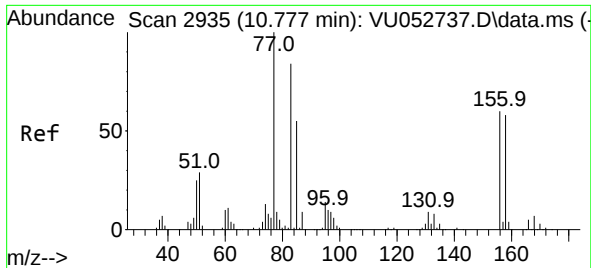
Tgt Ion: 75 Resp: 87665

Ion Ratio Lower Upper

75 100

77 29.2 15.0 45.1

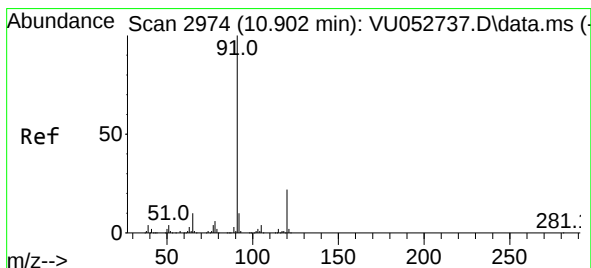
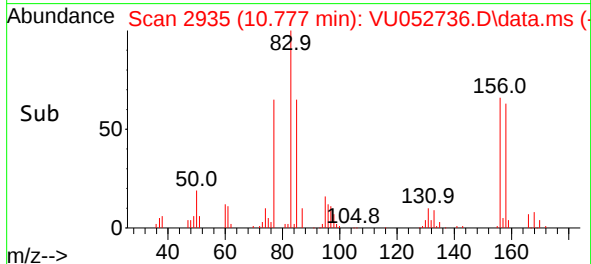
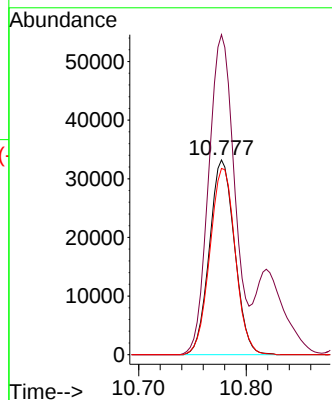
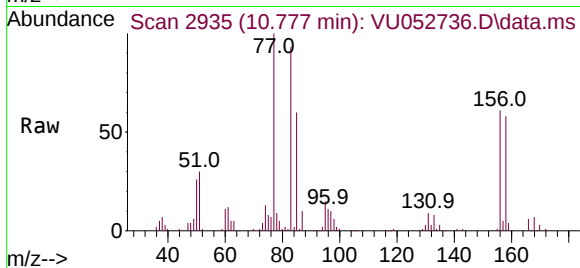




#77
Bromobenzene
Concen: 19.165 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

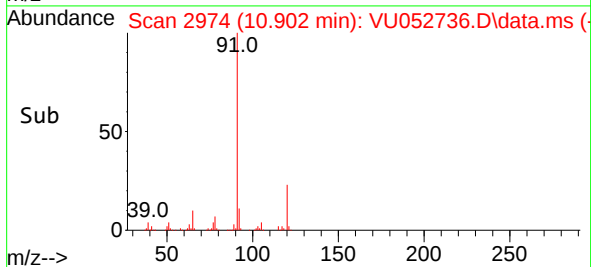
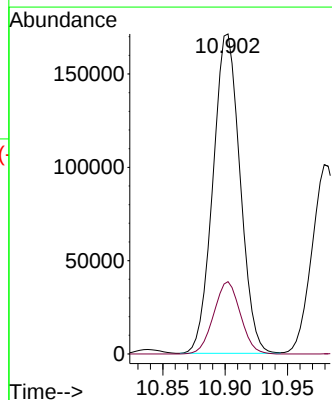
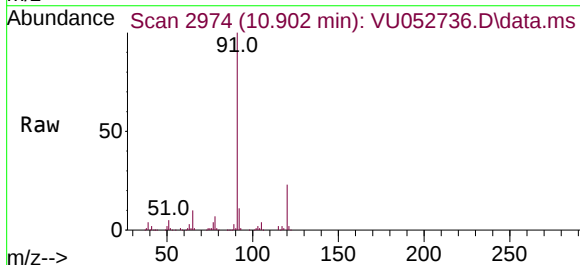
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

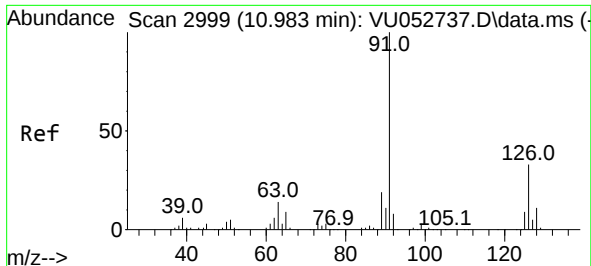
Tgt Ion:156 Resp: 54040
Ion Ratio Lower Upper
156 100
77 167.9 83.8 251.4
158 96.4 48.7 146.1



#78
n-propylbenzene
Concen: 19.074 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 91 Resp: 259183
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8

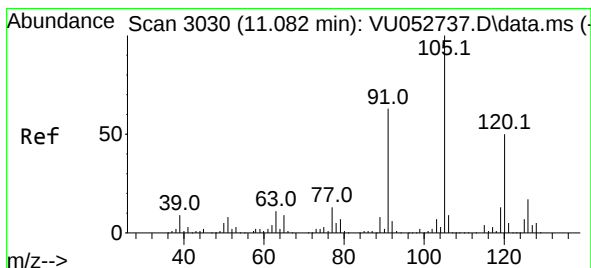
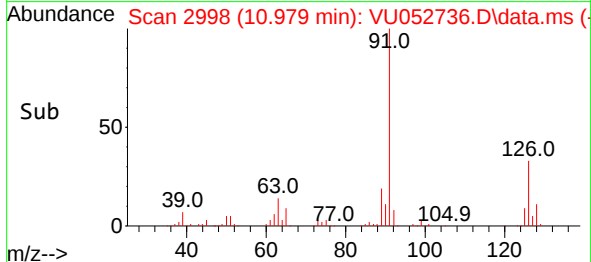
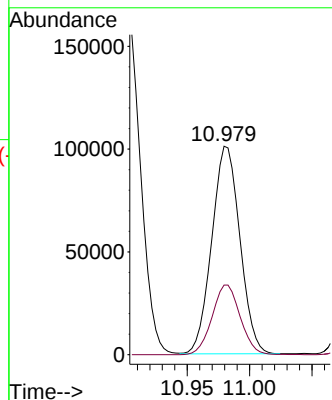
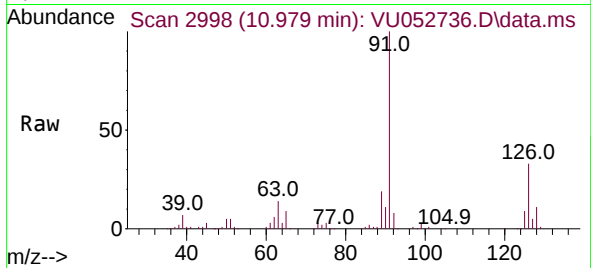




#79
2-Chlorotoluene
Concen: 19.029 ug/l
RT: 10.979 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

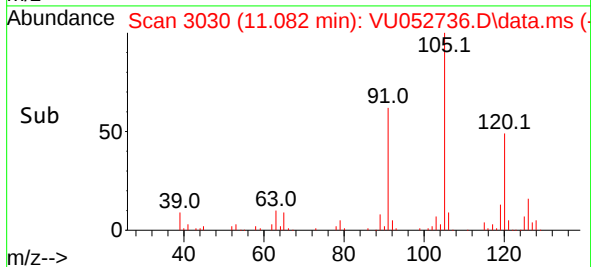
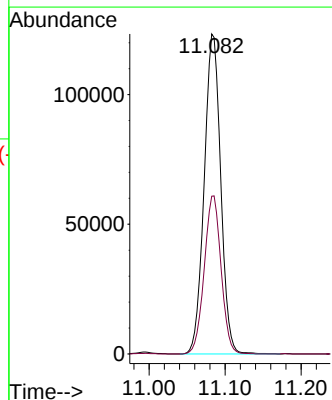
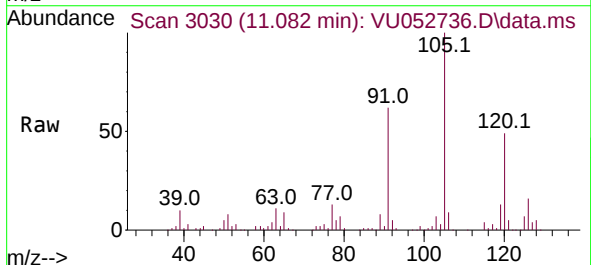
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

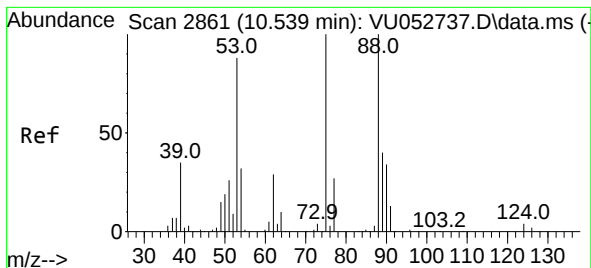
Tgt Ion: 91 Resp: 158622
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 19.696 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion: 105 Resp: 186455
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.269 ug/l

RT: 10.542 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

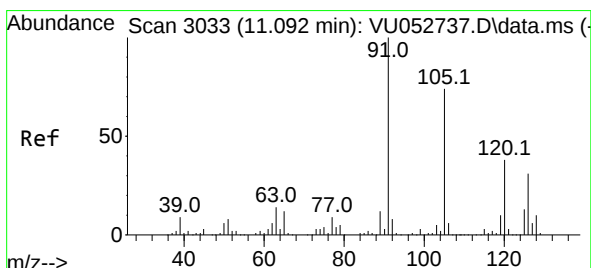
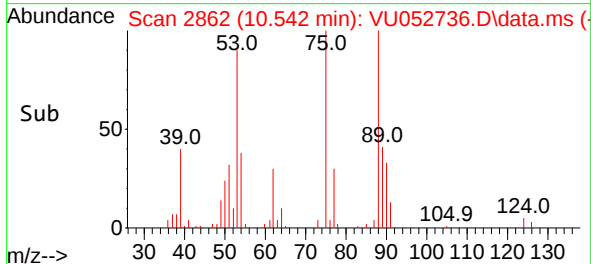
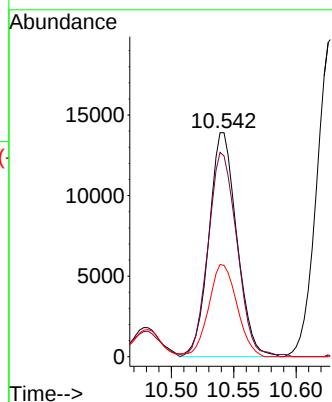
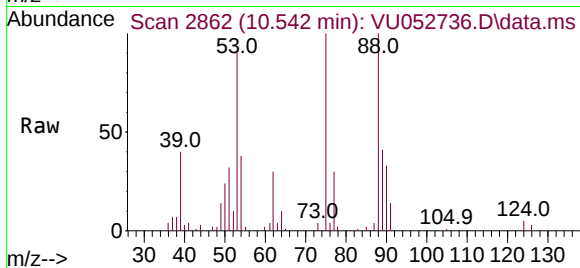
Tgt Ion: 75 Resp: 21667

Ion Ratio Lower Upper

75 100

53 94.3 72.4 108.6

89 42.0 35.0 52.4



#82

4-Chlorotoluene

Concen: 19.521 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU052736.D

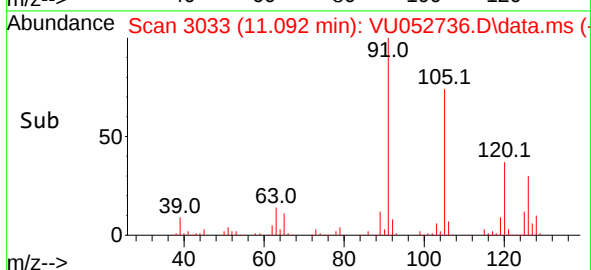
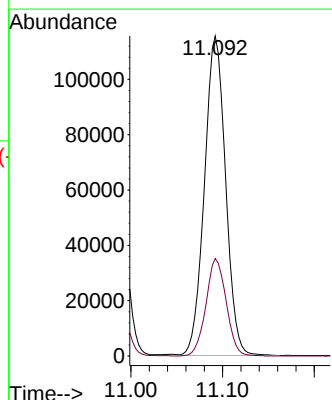
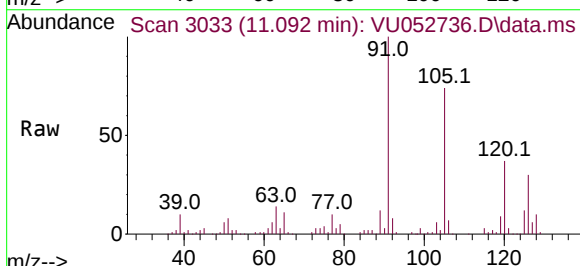
Acq: 19 Jan 2023 13:45

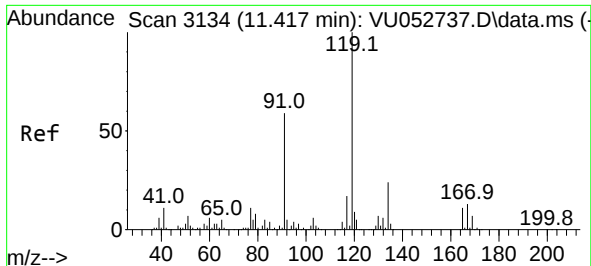
Tgt Ion: 91 Resp: 184832

Ion Ratio Lower Upper

91 100

126 29.2 14.9 44.7

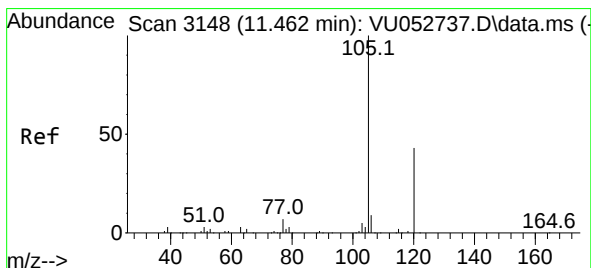
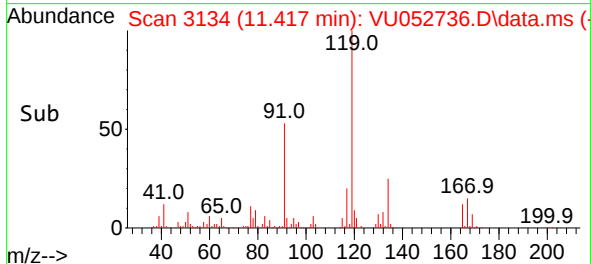
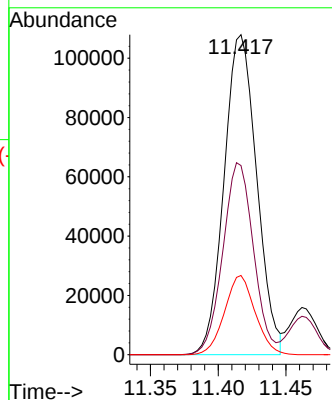
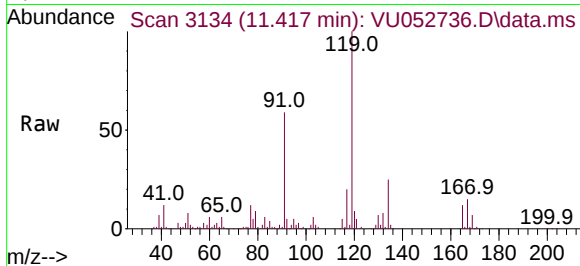




#83
tert-Butylbenzene
Concen: 19.175 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

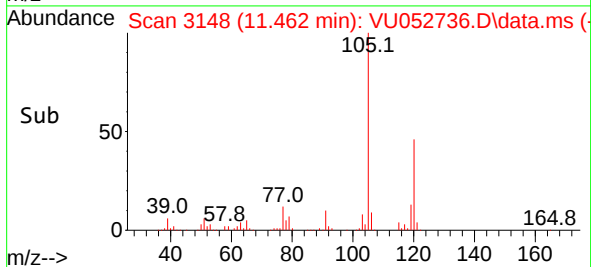
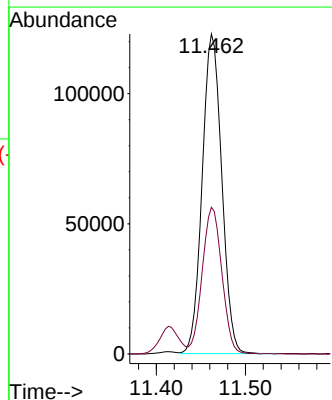
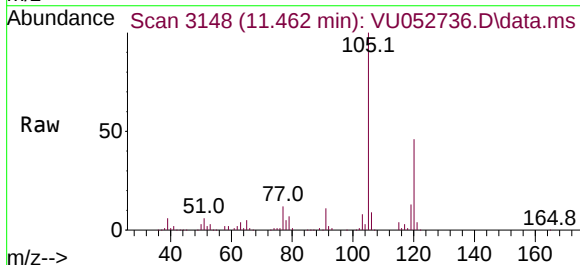
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

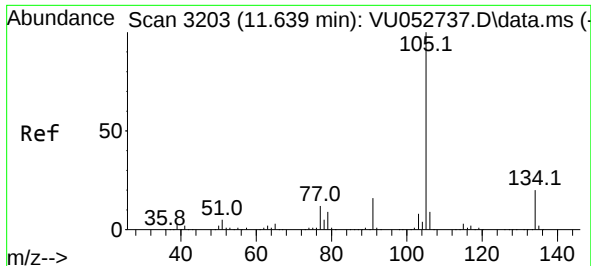
Tgt Ion:119 Resp: 181014
Ion Ratio Lower Upper
119 100
91 56.2 28.4 85.2
134 23.2 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.055 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:105 Resp: 187055
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.5

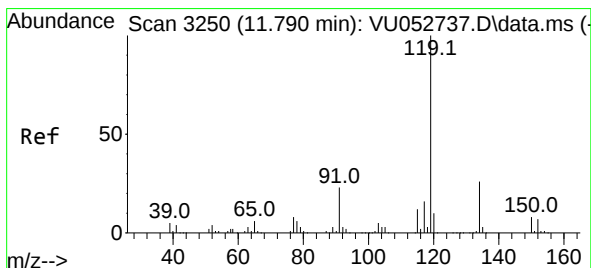
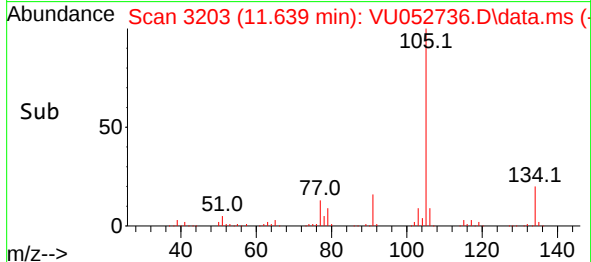
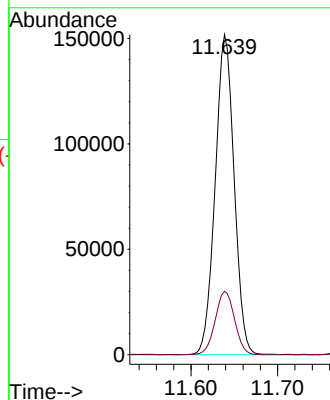
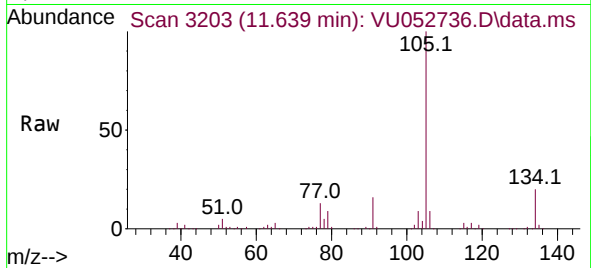




#85
 sec-Butylbenzene
 Concen: 19.418 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

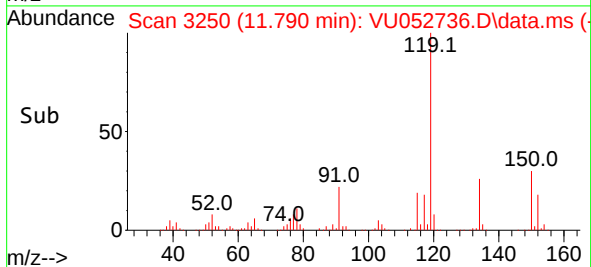
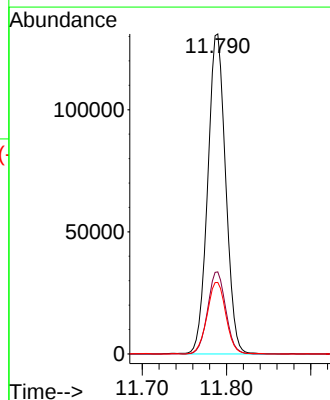
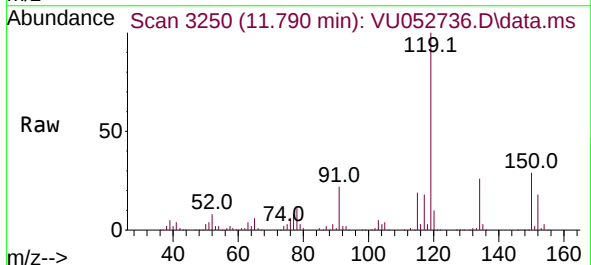
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

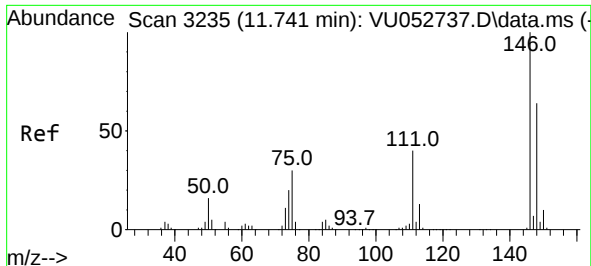
Tgt Ion:105 Resp: 230462
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.918 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU052736.D
 Acq: 19 Jan 2023 13:45

Tgt Ion:119 Resp: 193998
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.387 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

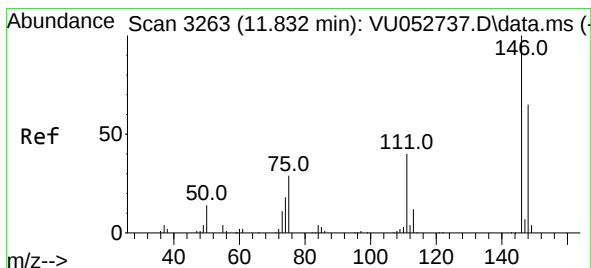
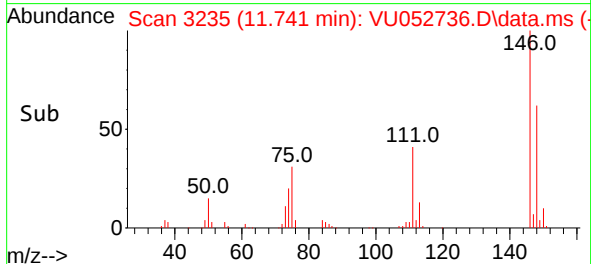
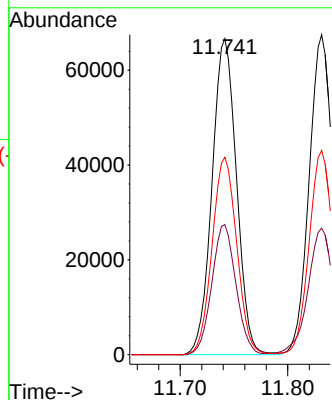
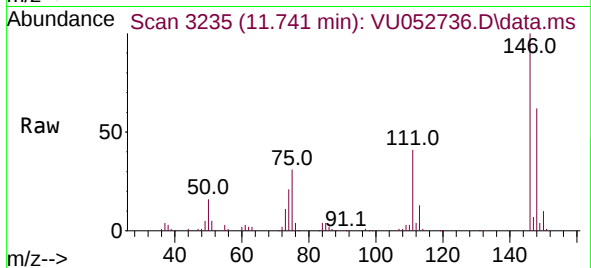
Tgt Ion:146 Resp: 105434

Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.2

148 63.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 18.832 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

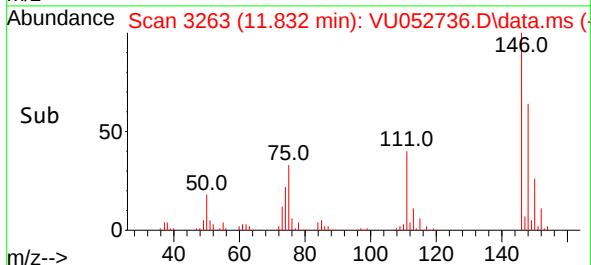
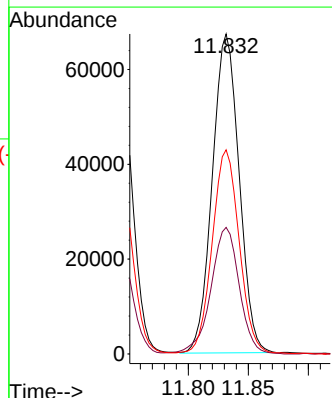
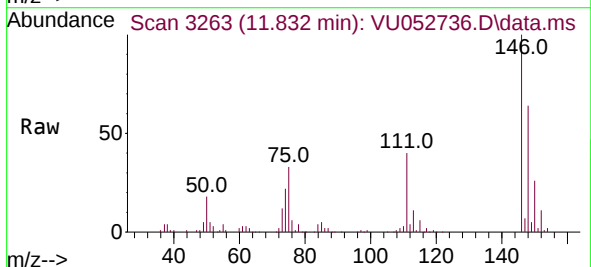
Tgt Ion:146 Resp: 104475

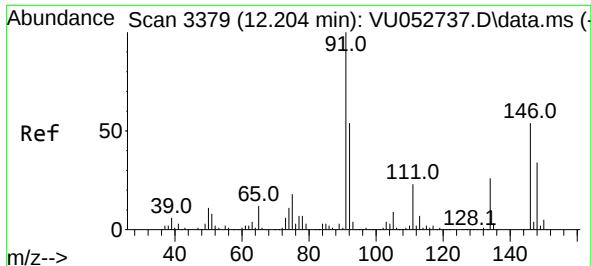
Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 17.737 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

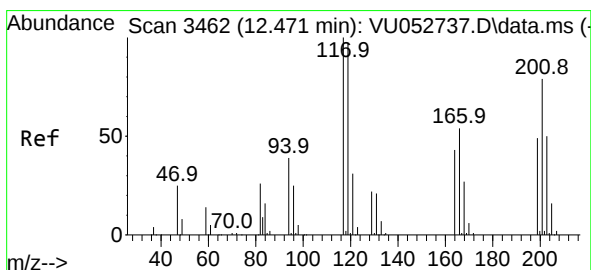
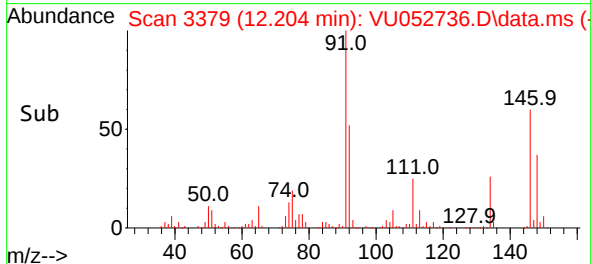
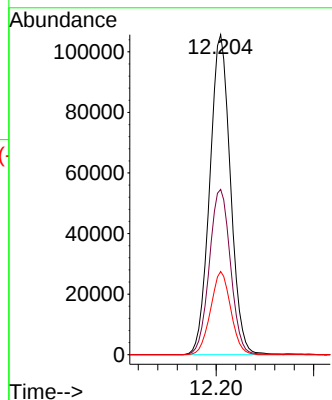
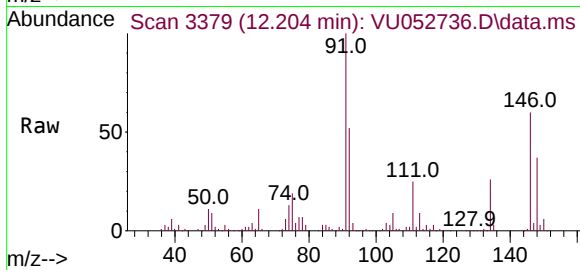
Tgt Ion: 91 Resp: 155759

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.3

134 25.4 13.1 39.3



#90

Hexachloroethane

Concen: 18.224 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU052736.D

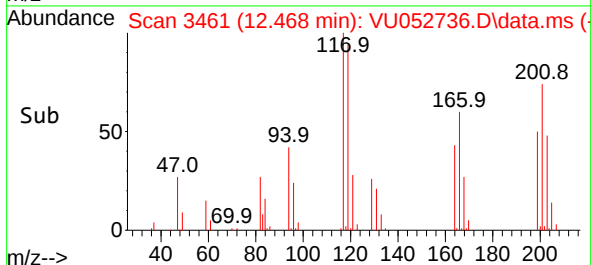
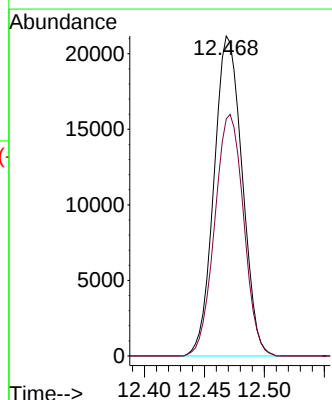
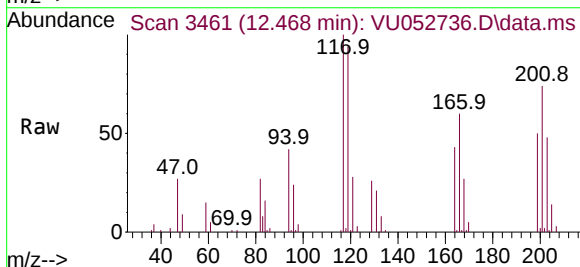
Acq: 19 Jan 2023 13:45

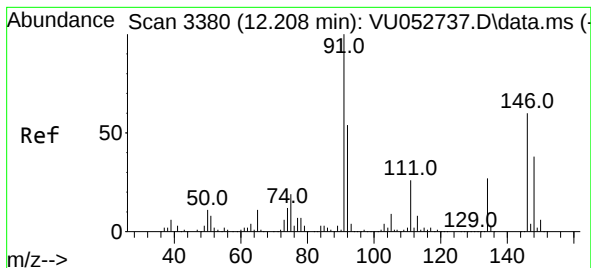
Tgt Ion: 117 Resp: 34614

Ion Ratio Lower Upper

117 100

201 77.4 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.378 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

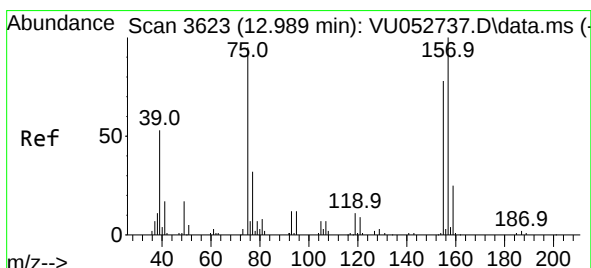
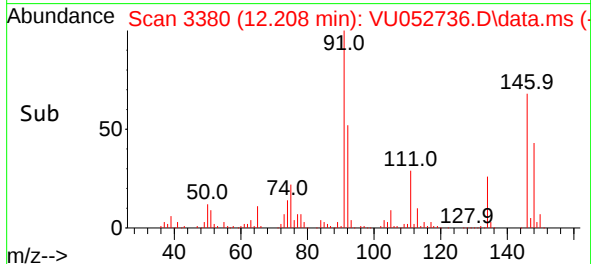
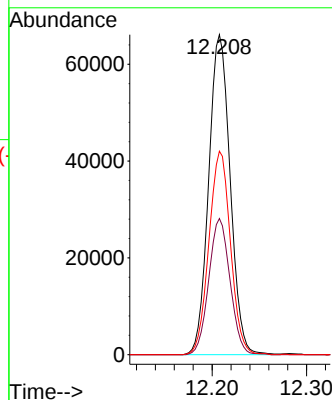
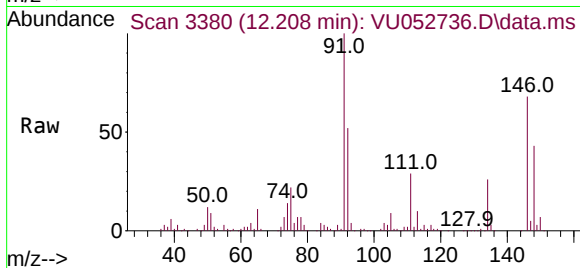
Tgt Ion:146 Resp: 104387

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 63.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.816 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

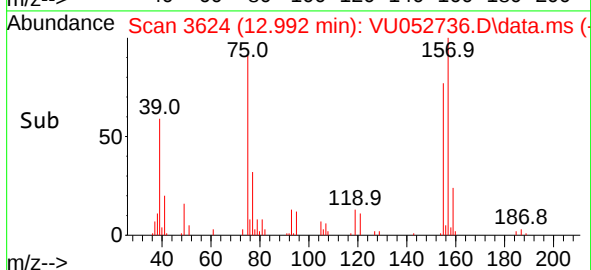
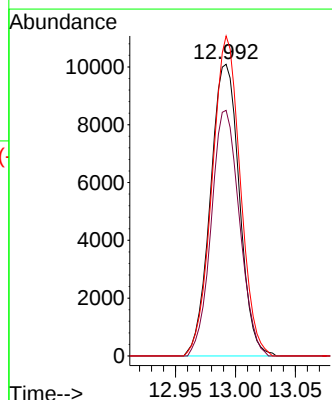
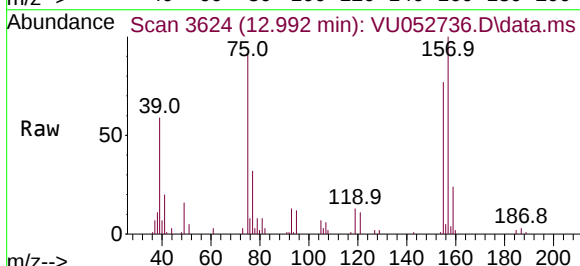
Tgt Ion: 75 Resp: 16922

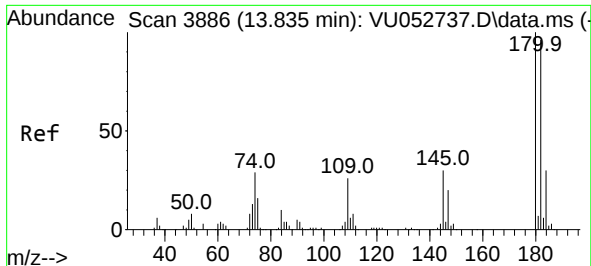
Ion Ratio Lower Upper

75 100

155 82.1 41.4 124.4

157 106.7 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 18.570 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

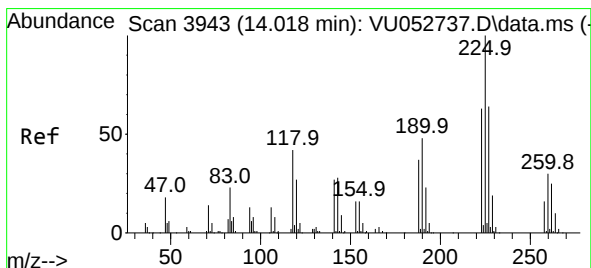
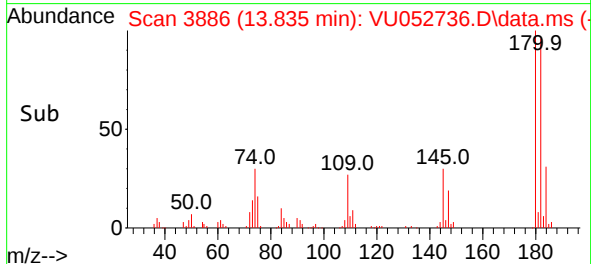
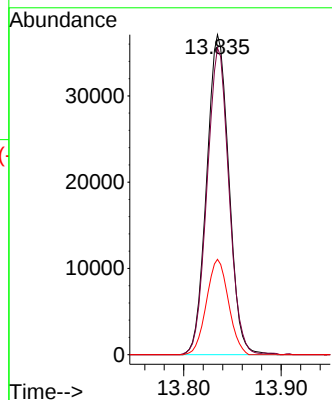
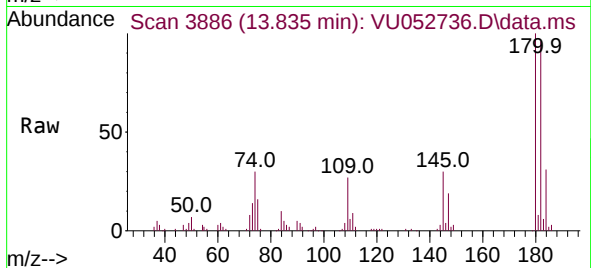
Tgt Ion:180 Resp: 58654

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 29.5 14.9 44.5



#94

Hexachlorobutadiene

Concen: 19.317 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052736.D

Acq: 19 Jan 2023 13:45

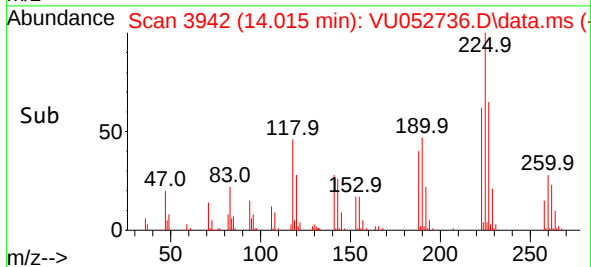
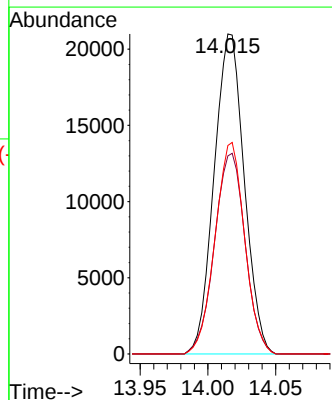
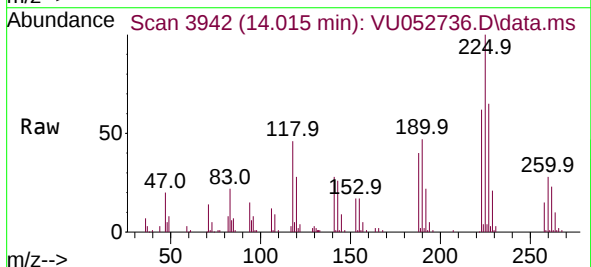
Tgt Ion:225 Resp: 32451

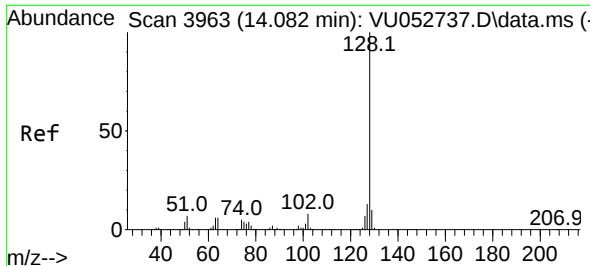
Ion Ratio Lower Upper

225 100

223 63.7 31.8 95.3

227 64.9 31.8 95.4

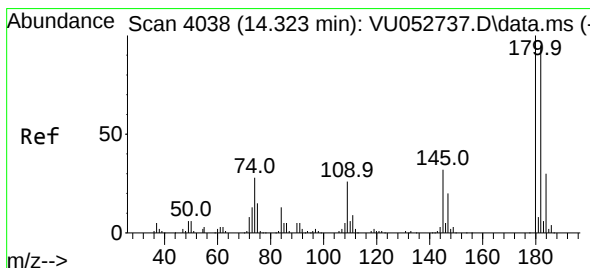
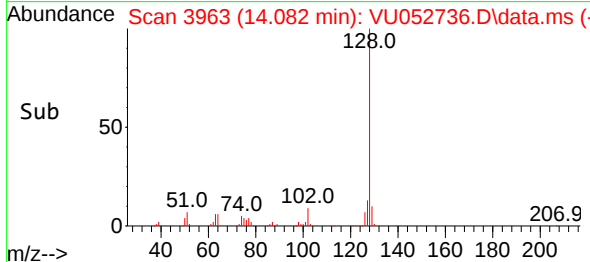
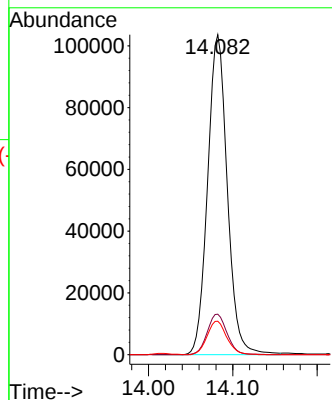
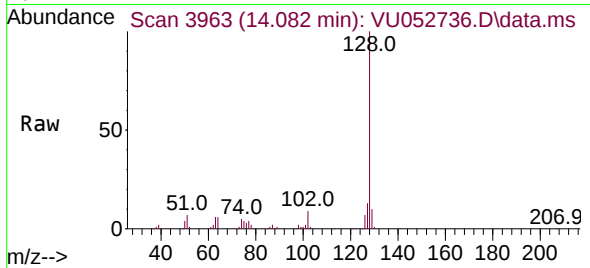




#95
Naphthalene
Concen: 17.863 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 168407
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.811 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052736.D
Acq: 19 Jan 2023 13:45

Tgt Ion:180 Resp: 59629
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 32.4 15.8 47.4

