

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052744.D
 Acq On : 19 Jan 2023 18:44
 Operator : JC/MD
 Sample : VU0119WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBSD01

Quant Time: Jan 20 01:12:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	213626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	350181	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	325033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	166263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153639	49.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.282	113	121042	49.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	7.893	98	453026	49.542	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	10.629	95	165754	49.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47665	18.922	ug/l	96
3) Chloromethane	1.520	50	49679	19.200	ug/l	99
4) Vinyl Chloride	1.604	62	51597	19.993	ug/l	97
5) Bromomethane	1.858	94	25634	20.121	ug/l	94
6) Chloroethane	1.932	64	32378	19.847	ug/l	94
7) Trichlorofluoromethane	2.134	101	76935	19.364	ug/l	99
8) Diethyl Ether	2.372	74	29354	20.296	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	44226	19.249	ug/l	99
10) Methyl Iodide	2.719	142	37422	21.019	ug/l	99
11) Tert butyl alcohol	3.253	59	14431	27.529	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	43335	19.071	ug/l	96
13) Acrolein	2.488	56	50692	102.849	ug/l	100
14) Allyl chloride	2.919	41	72738	20.323	ug/l	98
15) Acrylonitrile	3.314	53	152892	105.703	ug/l	99
16) Acetone	2.639	43	149953	102.266	ug/l	100
17) Carbon Disulfide	2.790	76	128578	18.885	ug/l	99
18) Methyl Acetate	2.948	43	86198	21.240	ug/l	97
19) Methyl tert-butyl Ether	3.359	73	159619	20.734	ug/l	99
20) Methylene Chloride	3.041	84	54600	19.864	ug/l	98
21) trans-1,2-Dichloroethene	3.346	96	48264	19.704	ug/l	100
22) Diisopropyl ether	3.986	45	156466	21.021	ug/l	94
23) Vinyl Acetate	3.951	43	597401	104.603	ug/l	99
24) 1,1-Dichloroethane	3.864	63	94442	20.006	ug/l	100
25) 2-Butanone	4.706	43	199160	105.316	ug/l	100
26) 2,2-Dichloropropane	4.658	77	76884	19.853	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	55134	20.504	ug/l	97
28) Bromochloromethane	4.970	49	40631	20.620	ug/l	99
29) Tetrahydrofuran	5.050	42	120026	109.336	ug/l	99
30) Chloroform	5.083	83	94800	18.787	ug/l	100
31) Cyclohexane	5.382	56	83956	19.475	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	82260	19.902	ug/l	99
36) 1,1-Dichloropropene	5.523	75	68635	19.618	ug/l	99
37) Ethyl Acetate	4.800	43	74724	19.648	ug/l	98
38) Carbon Tetrachloride	5.520	117	67854	18.852	ug/l	98
39) Methylcyclohexane	6.758	83	79810	19.604	ug/l	98
40) Benzene	5.771	78	208018	19.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	38272	20.802	ug/l	98
42) 1,2-Dichloroethane	5.790	62	76380	20.023	ug/l	99
43) Isopropyl Acetate	5.906	43	108299	20.430	ug/l	99
44) Trichloroethene	6.539	130	51840	19.840	ug/l	98
45) 1,2-Dichloropropane	6.787	63	54607	20.041	ug/l	99
46) Dibromomethane	6.915	93	36171	19.169	ug/l	96
47) Bromodichloromethane	7.102	83	73674	19.512	ug/l	99
48) Methyl methacrylate	6.957	41	51171	21.183	ug/l	99
49) 1,4-Dioxane	7.034	88	21754	464.761	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	363446	105.933	ug/l	100
52) Toluene	7.967	92	129650	20.293	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	77743	19.711	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	83871	19.938	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	52466	20.118	ug/l	98
56) Ethyl methacrylate	8.330	69	78361	20.167	ug/l	99
57) 1,3-Dichloropropane	8.571	76	92083	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	9677	86.792	ug/l	98
59) 2-Hexanone	8.687	43	287534	108.790	ug/l	100
60) Dibromochloromethane	8.806	129	56489	19.725	ug/l	97
61) 1,2-Dibromoethane	8.918	107	55361	20.221	ug/l	98
64) Tetrachloroethene	8.549	164	45009	19.932	ug/l	99
65) Chlorobenzene	9.443	112	134729	19.589	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	49989	19.388	ug/l	99
67) Ethyl Benzene	9.565	91	232107	19.969	ug/l	99
68) m/p-Xylenes	9.690	106	187028	41.432	ug/l	99
69) o-Xylene	10.095	106	90694	21.046	ug/l	97
70) Styrene	10.111	104	147550	19.593	ug/l	99
71) Bromoform	10.288	173	43648	20.270	ug/l #	100
73) Isopropylbenzene	10.481	105	233767	21.342	ug/l	100
74) N-amyl acetate	10.317	43	92353	22.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	88769	20.456	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	95243	20.991	ug/l	100
77) Bromobenzene	10.777	156	58407	20.618	ug/l	98
78) n-propylbenzene	10.902	91	273890	21.261	ug/l	100
79) 2-Chlorotoluene	10.983	91	168984	21.228	ug/l	99
80) 1,3,5-Trimethylbenzene	11.082	105	199196	21.891	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	24261	20.778	ug/l	100
82) 4-Chlorotoluene	11.092	91	193745	21.354	ug/l	99
83) tert-Butylbenzene	11.417	119	197825	21.182	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	196587	21.767	ug/l	100
85) sec-Butylbenzene	11.639	105	242162	21.182	ug/l	100
86) p-Isopropyltoluene	11.790	119	202792	20.861	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	111727	20.690	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	112525	20.267	ug/l	100
89) n-Butylbenzene	12.204	91	169213	19.468	ug/l	99
90) Hexachloroethane	12.471	117	36436	19.536	ug/l	95
91) 1,2-Dichlorobenzene	12.208	146	111885	20.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	18960	21.056	ug/l	97
93) 1,2,4-Trichlorobenzene	13.835	180	66324	20.854	ug/l	99
94) Hexachlorobutadiene	14.015	225	34380	19.502	ug/l	99
95) Naphthalene	14.082	128	198378	20.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	66778	21.150	ug/l	99

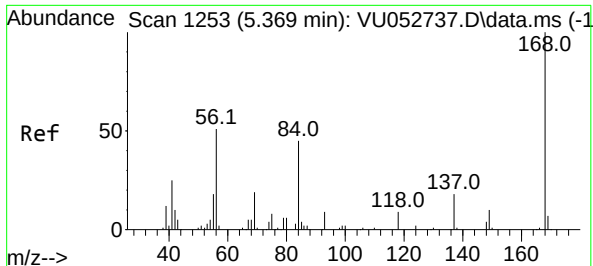
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Quant Title : SW846 8260
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Response via : Initial Calibration

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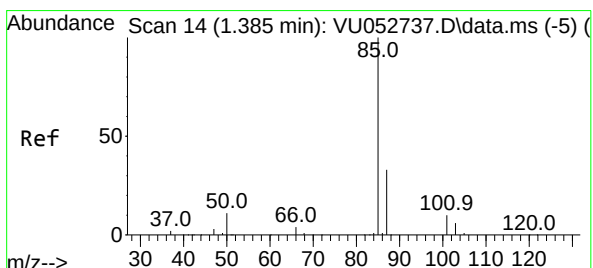
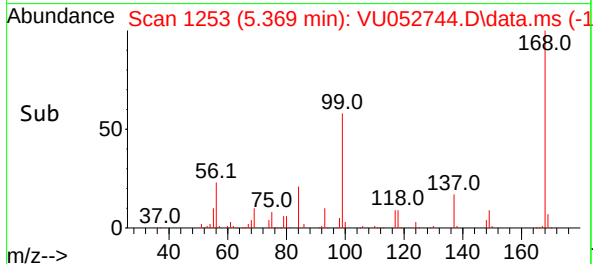
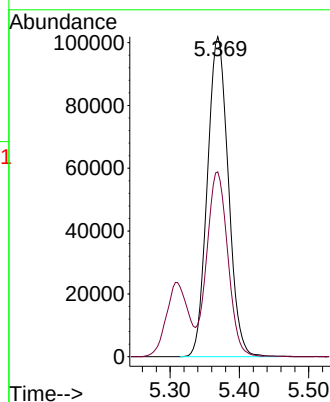
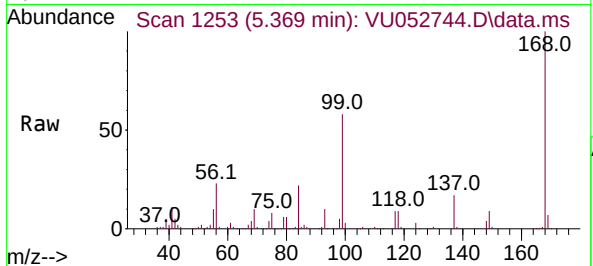
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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Acq: 19 Jan 2023 18:44

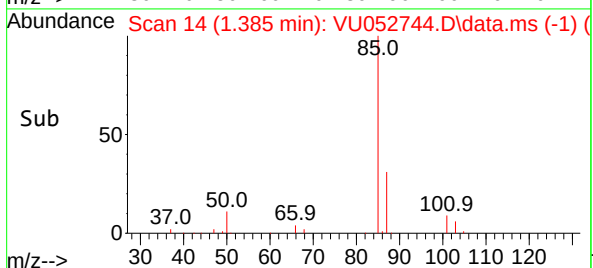
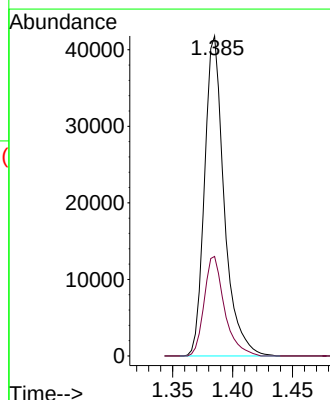
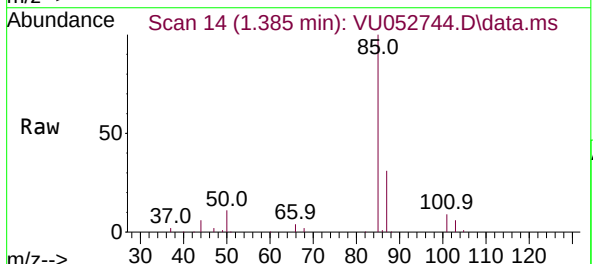
Instrument :
MSVOA_U
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VU0119WBSD01

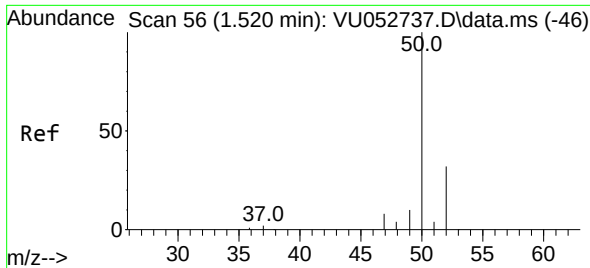
Tgt Ion:168 Resp: 213626
Ion Ratio Lower Upper
168 100
99 57.6 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.922 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 85 Resp: 47665
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.7

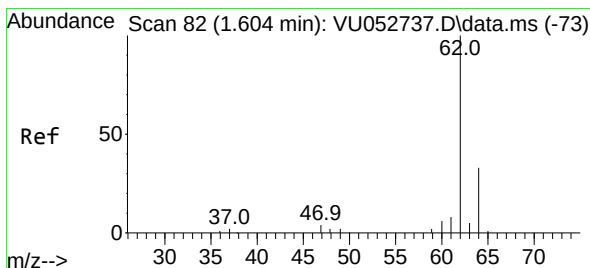
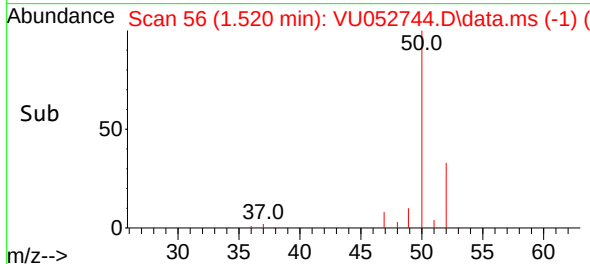
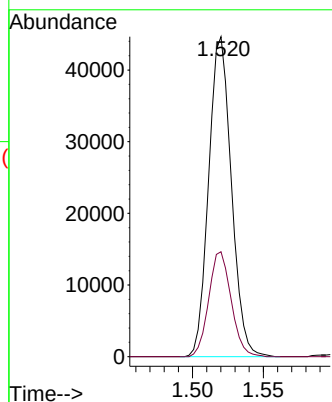
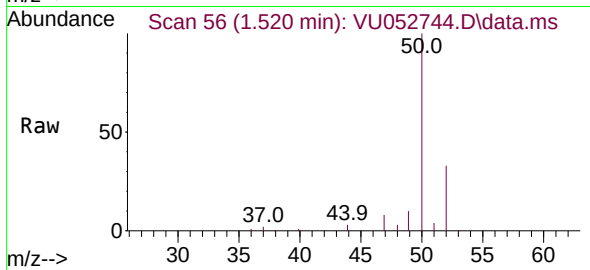




#3
Chloromethane
Concen: 19.200 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

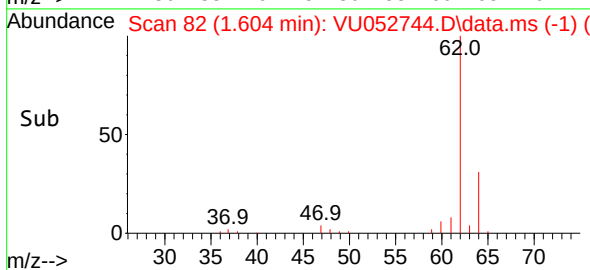
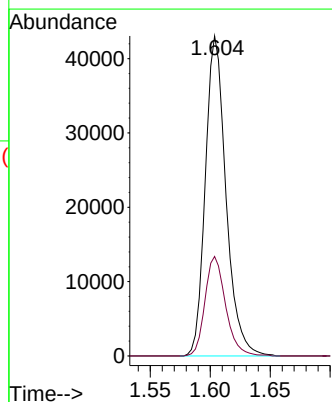
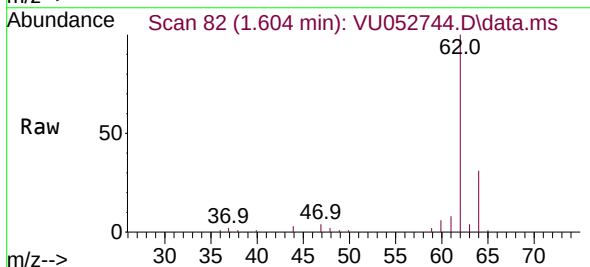
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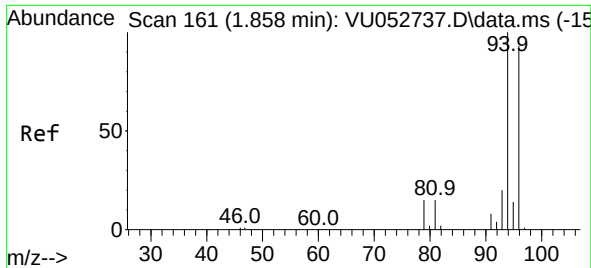
Tgt Ion: 50 Resp: 49679
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6



#4
Vinyl Chloride
Concen: 19.993 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 62 Resp: 51597
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

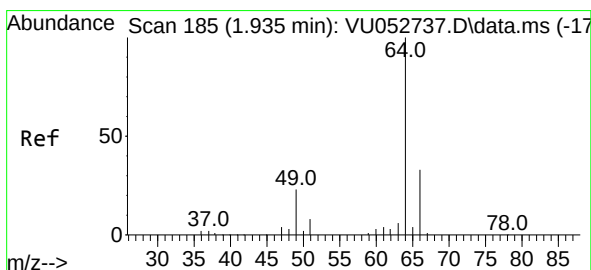
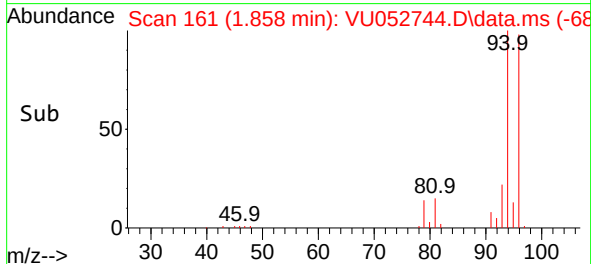
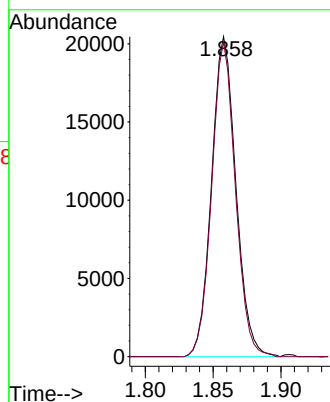
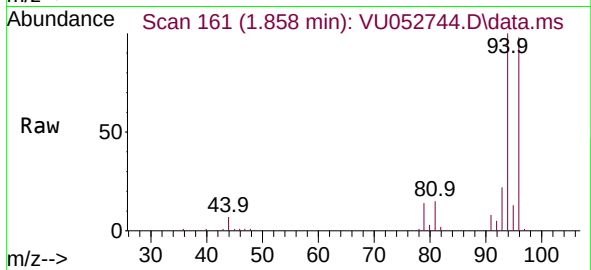




#5
Bromomethane
Concen: 20.121 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

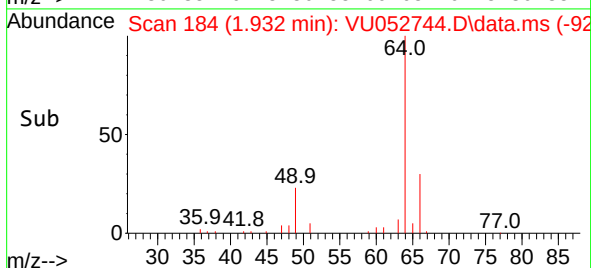
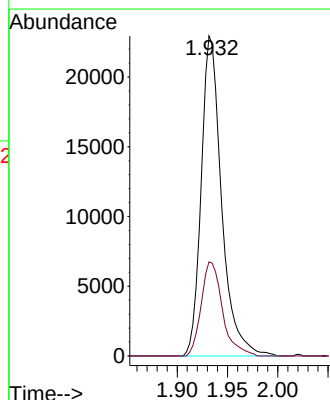
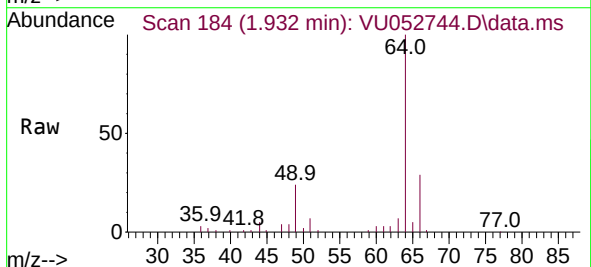
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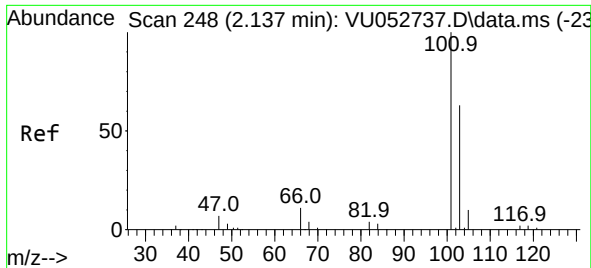
Tgt Ion: 94 Resp: 25634
Ion Ratio Lower Upper
94 100
96 98.4 74.3 111.5



#6
Chloroethane
Concen: 19.847 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 64 Resp: 32378
Ion Ratio Lower Upper
64 100
66 29.4 26.1 39.1

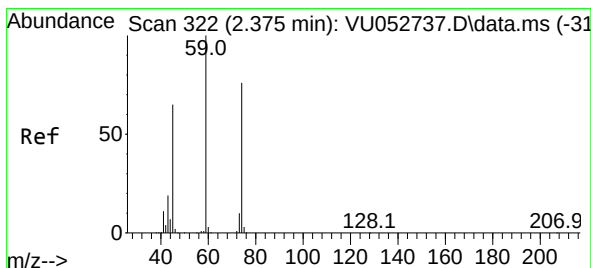
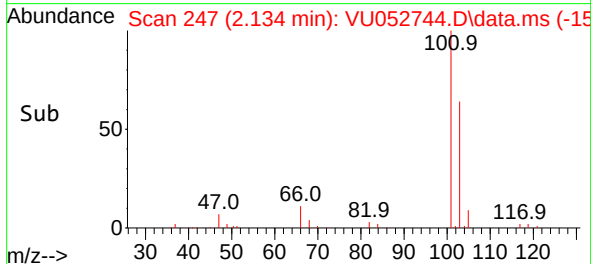
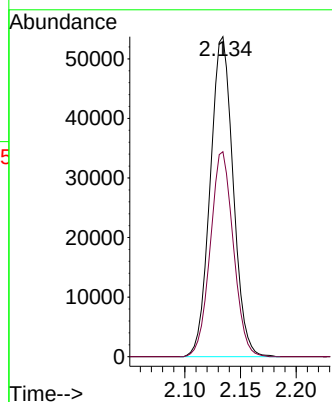
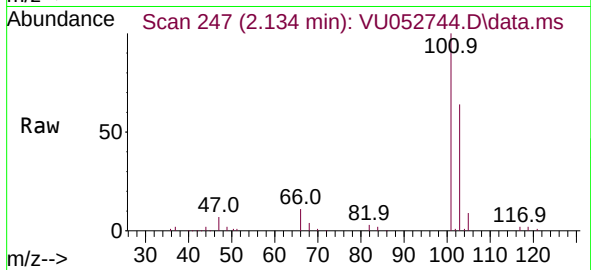




#7
 Trichlorofluoromethane
 Concen: 19.364 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU052744.D
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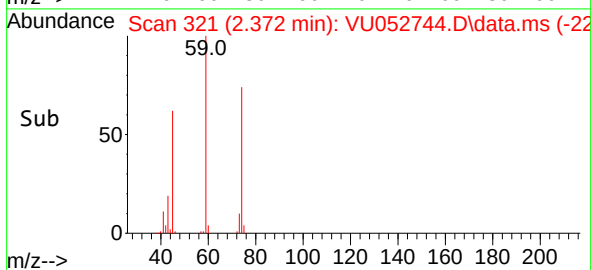
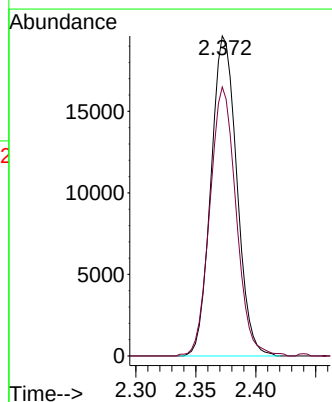
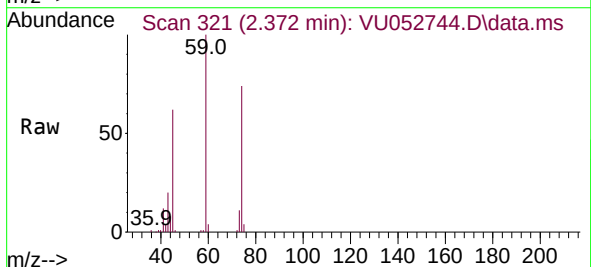
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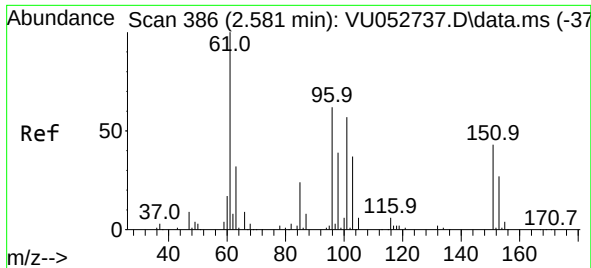
Tgt Ion:101 Resp: 76935
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.296 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

Tgt Ion: 74 Resp: 29354
 Ion Ratio Lower Upper
 74 100
 45 85.7 42.4 127.3

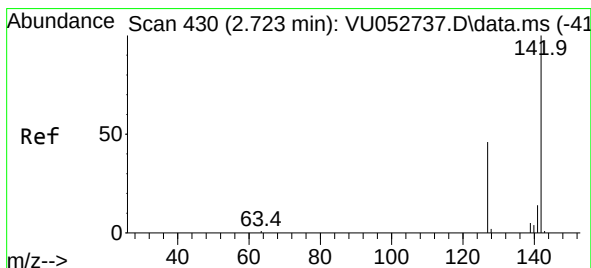
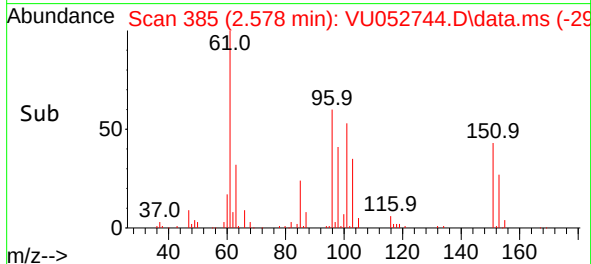
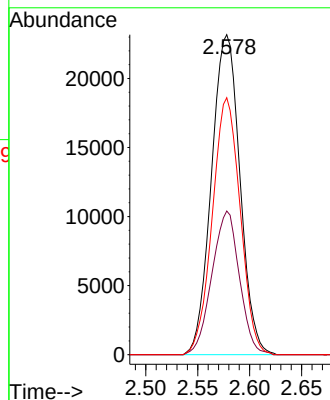
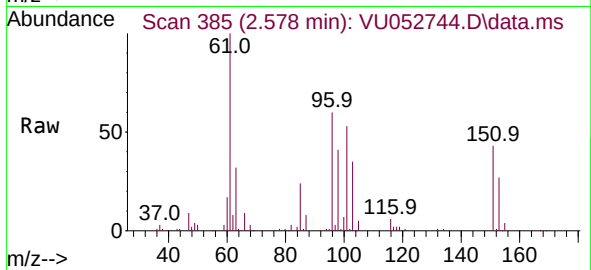




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.249 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052744.D
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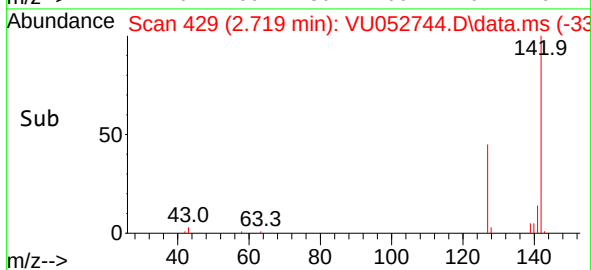
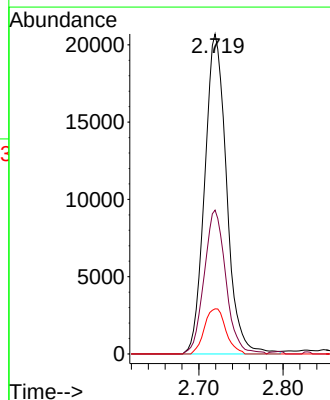
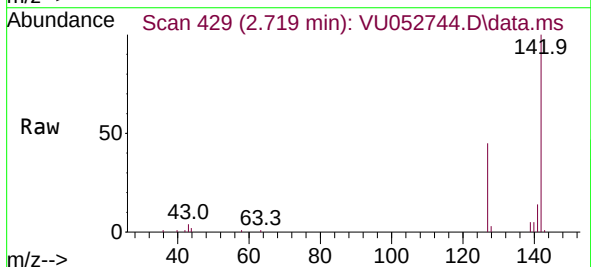
Instrument :
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ClientSampleId :
VU0119WBSD01

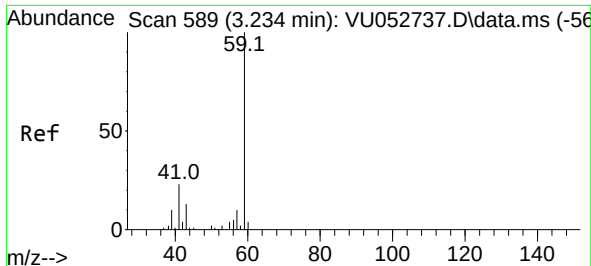
Tgt Ion:101 Resp: 44226
Ion Ratio Lower Upper
101 100
85 43.3 35.1 52.7
151 78.4 61.9 92.9



#10
Methyl Iodide
Concen: 21.019 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion:142 Resp: 37422
Ion Ratio Lower Upper
142 100
127 44.6 36.3 54.5
141 13.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 27.529 ug/l

RT: 3.253 min Scan# 59

Delta R.T. 0.019 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

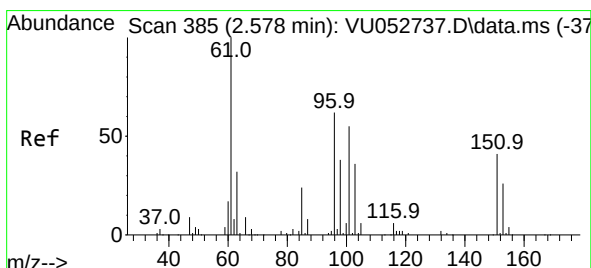
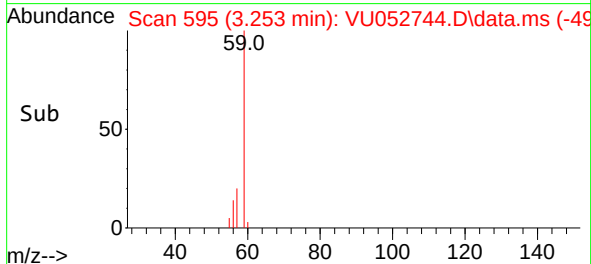
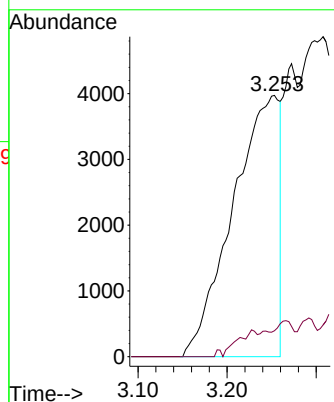
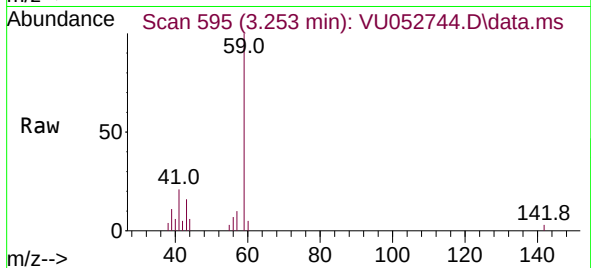
VU0119WBSD01

Tgt Ion: 59 Resp: 14431

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.071 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

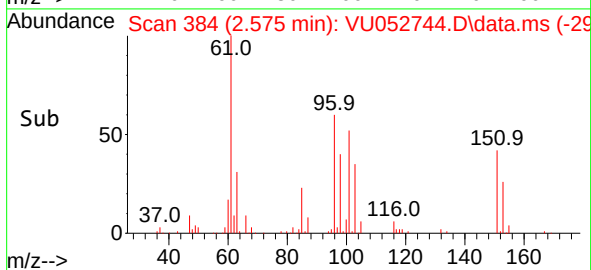
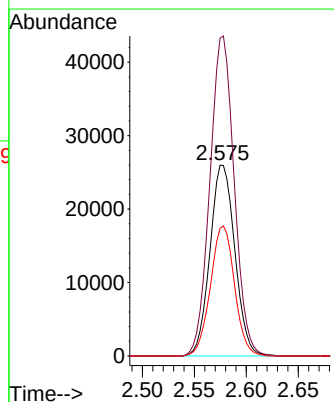
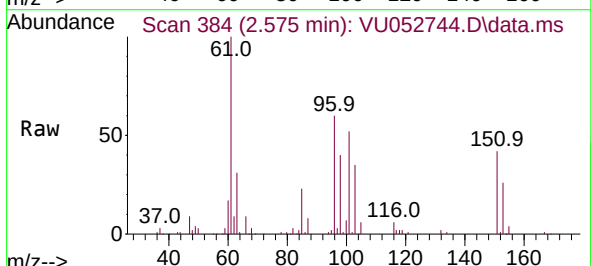
Tgt Ion: 96 Resp: 43335

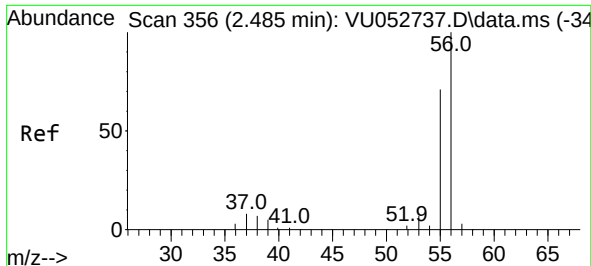
Ion Ratio Lower Upper

96 100

61 166.7 129.8 194.6

98 67.0 49.9 74.9





#13

Acrolein

Concen: 102.849 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

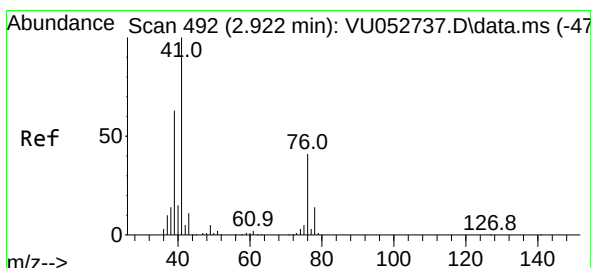
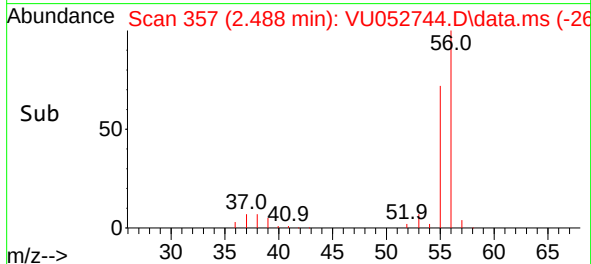
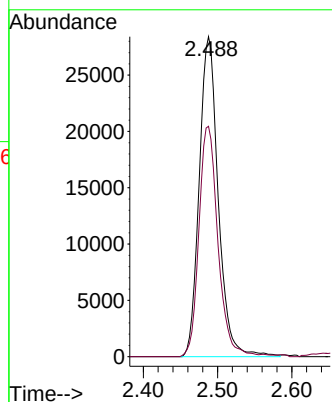
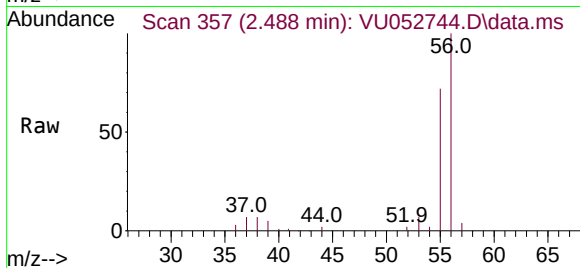
VU0119WBSD01

Tgt Ion: 56 Resp: 50692

Ion Ratio Lower Upper

56 100

55 71.8 57.2 85.8



#14

Allyl chloride

Concen: 20.323 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

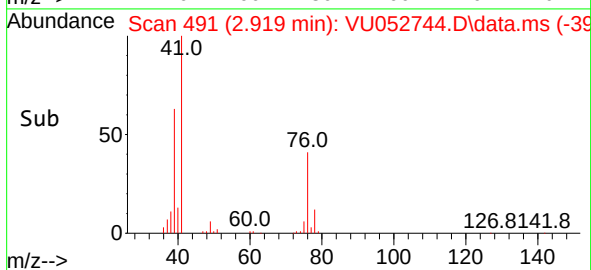
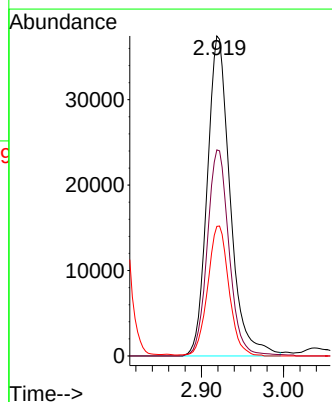
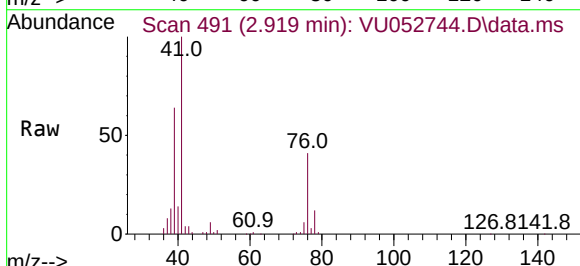
Tgt Ion: 41 Resp: 72738

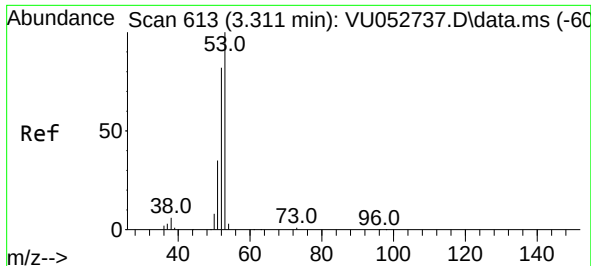
Ion Ratio Lower Upper

41 100

39 61.4 48.2 72.2

76 37.8 29.4 44.0

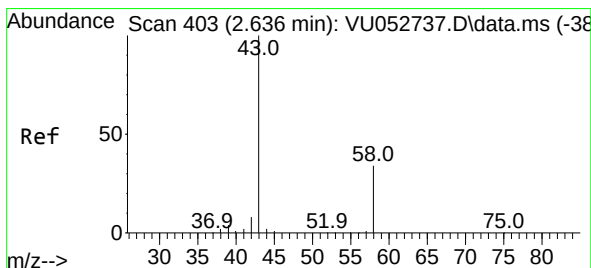
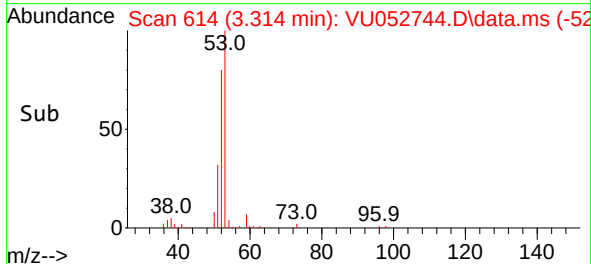
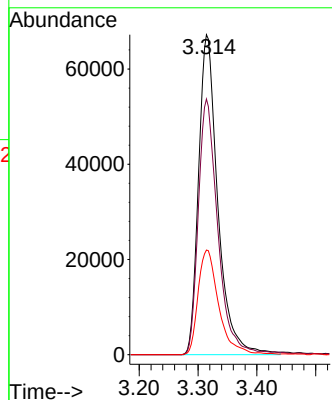
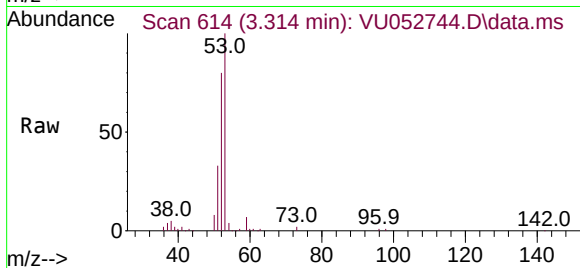




#15
Acrylonitrile
Concen: 105.703 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

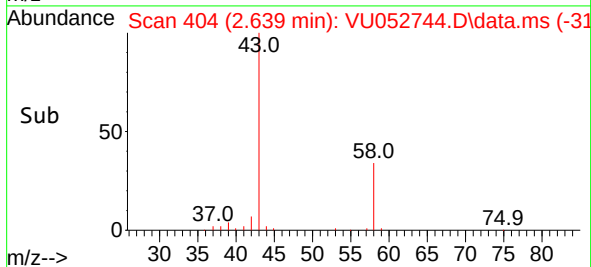
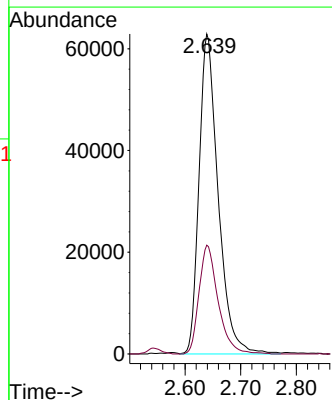
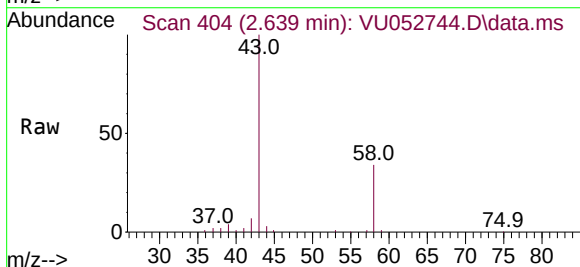
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

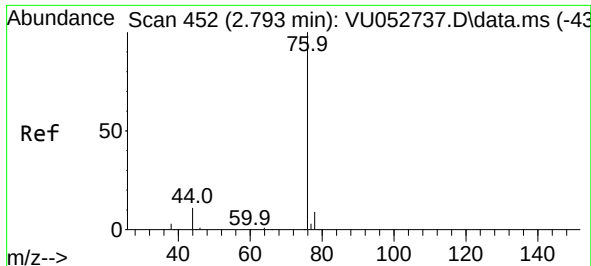
Tgt Ion: 53 Resp: 152892
Ion Ratio Lower Upper
53 100
52 80.5 64.9 97.3
51 34.8 27.6 41.4



#16
Acetone
Concen: 102.266 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 43 Resp: 149953
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7





#17

Carbon Disulfide

Concen: 18.885 ug/l

RT: 2.790 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

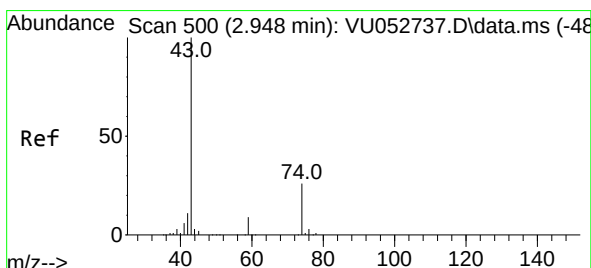
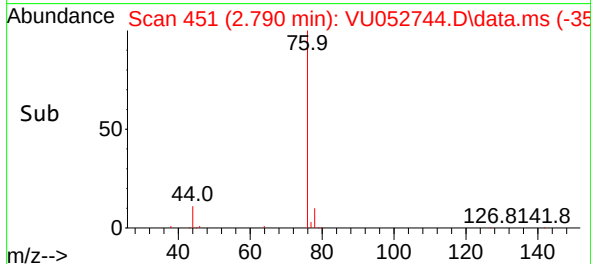
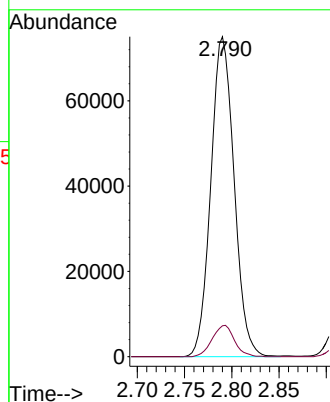
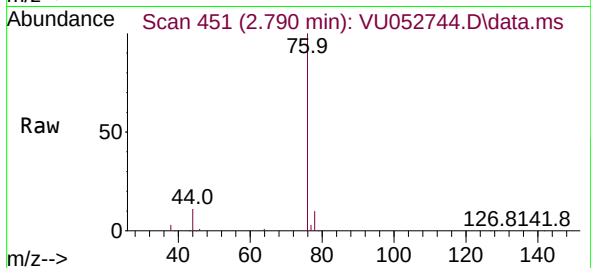
VU0119WBSD01

Tgt Ion: 76 Resp: 128578

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#18

Methyl Acetate

Concen: 21.240 ug/l

RT: 2.948 min Scan# 500

Delta R.T. 0.000 min

Lab File: VU052744.D

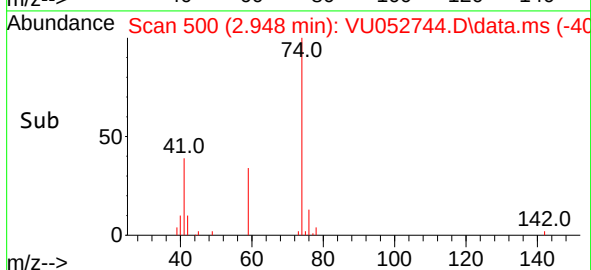
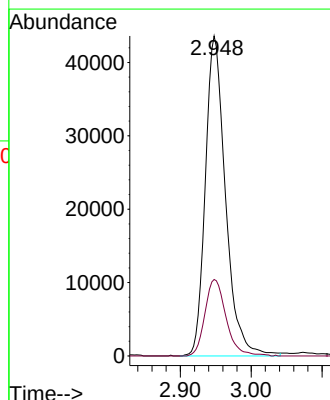
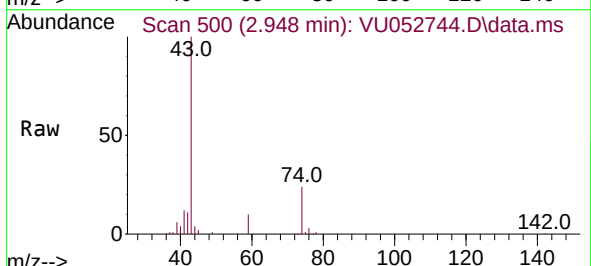
Acq: 19 Jan 2023 18:44

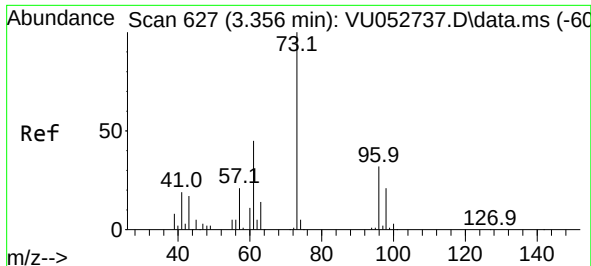
Tgt Ion: 43 Resp: 86198

Ion Ratio Lower Upper

43 100

74 25.1 21.1 31.7

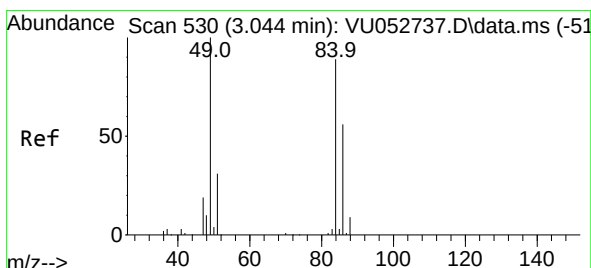
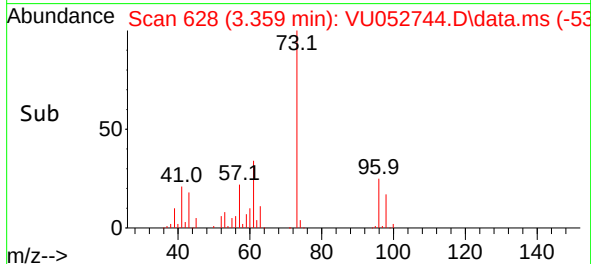
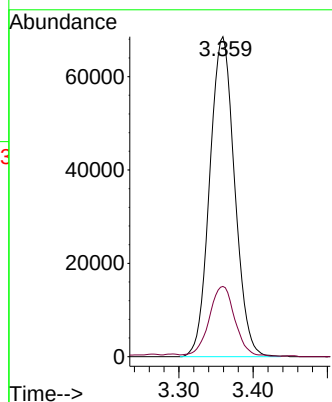
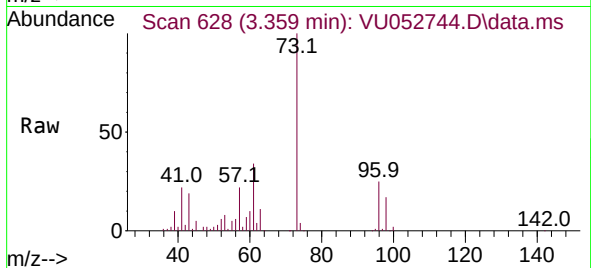




#19
Methyl tert-butyl Ether
Concen: 20.734 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

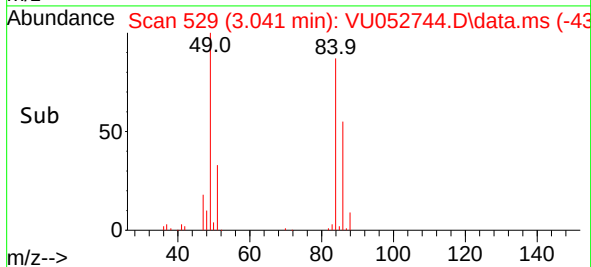
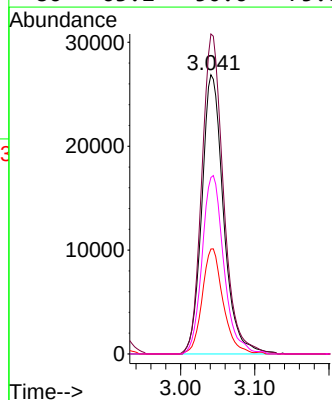
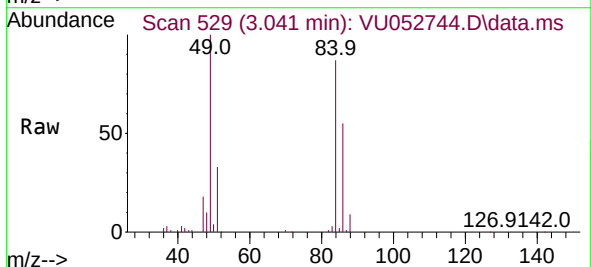
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

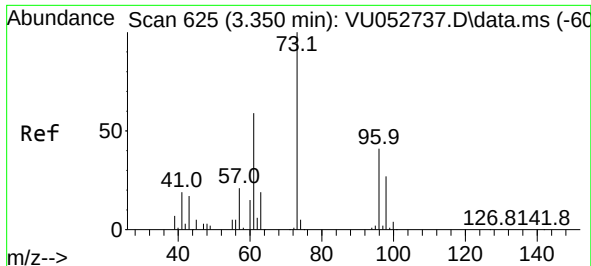
Tgt Ion: 73 Resp: 159619
Ion Ratio Lower Upper
73 100
57 21.8 16.9 25.3



#20
Methylene Chloride
Concen: 19.864 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 84 Resp: 54600
Ion Ratio Lower Upper
84 100
49 114.6 90.2 135.4
51 37.6 28.1 42.1
86 63.2 50.6 75.8

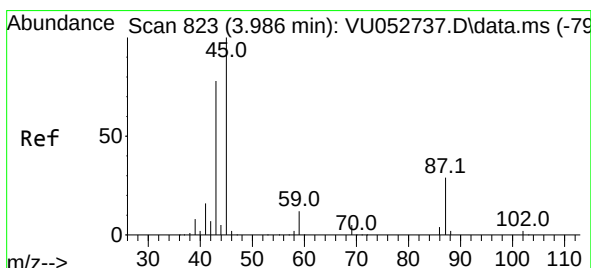
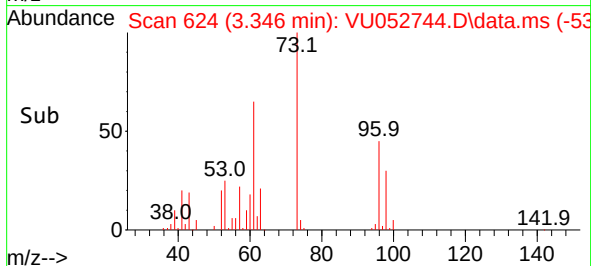
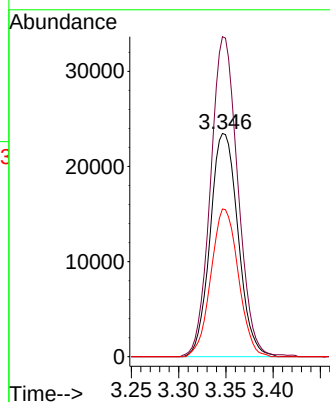
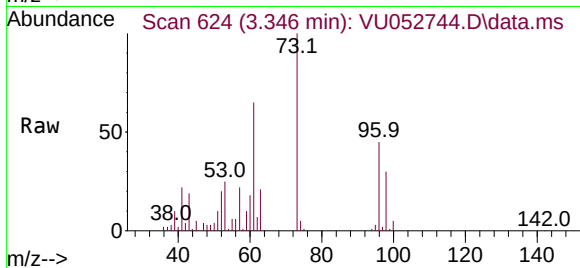




#21
trans-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

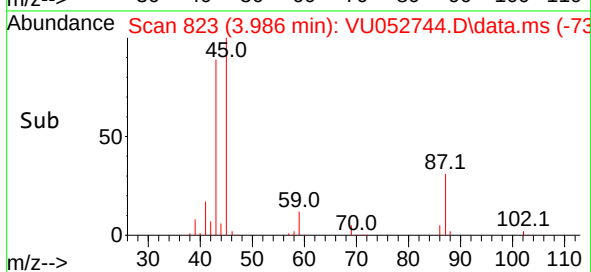
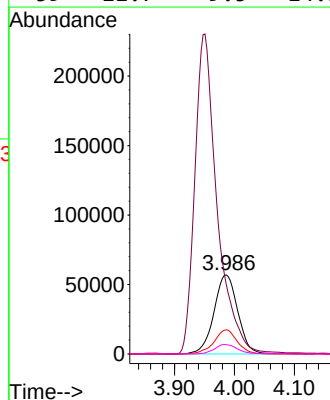
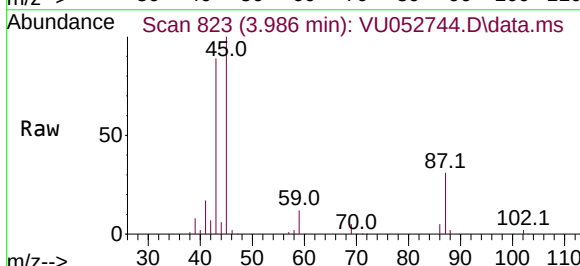
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

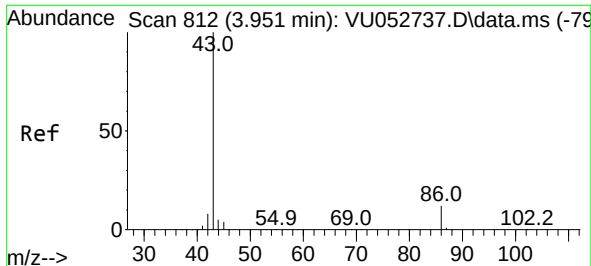
Tgt Ion: 96 Resp: 48264
Ion Ratio Lower Upper
96 100
61 143.4 114.7 172.1
98 66.2 52.4 78.6



#22
Diisopropyl ether
Concen: 21.021 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 45 Resp: 156466
Ion Ratio Lower Upper
45 100
43 87.4 64.6 97.0
87 30.6 23.2 34.8
59 11.7 9.5 14.3

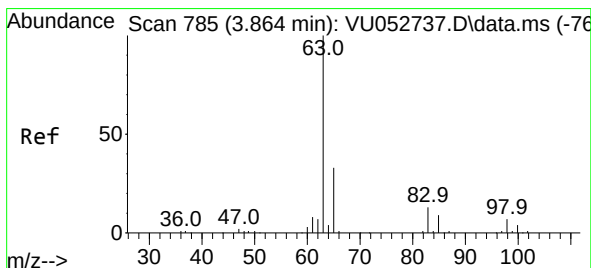
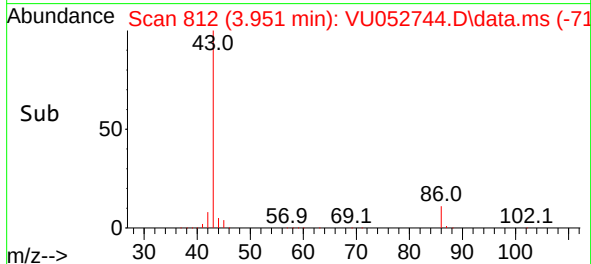
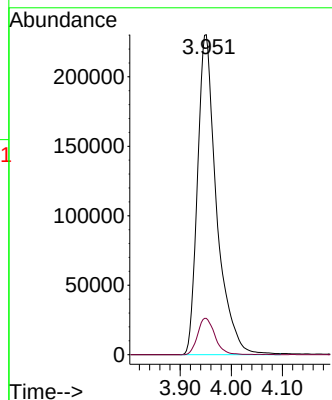
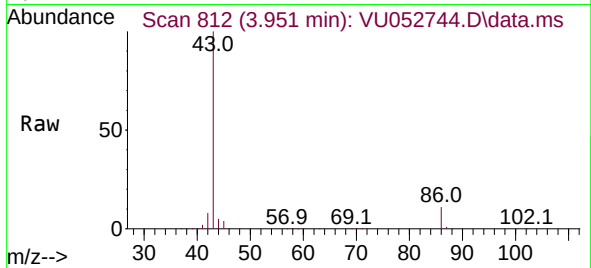




#23
 Vinyl Acetate
 Concen: 104.603 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

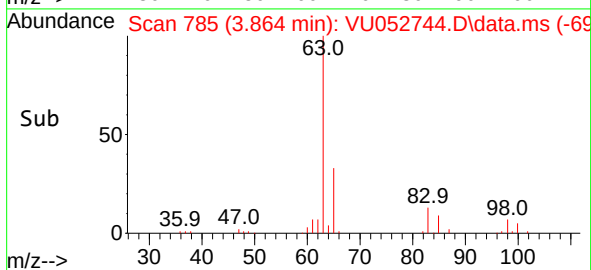
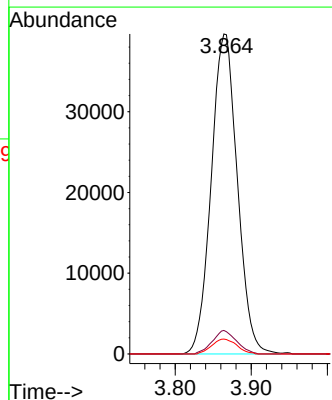
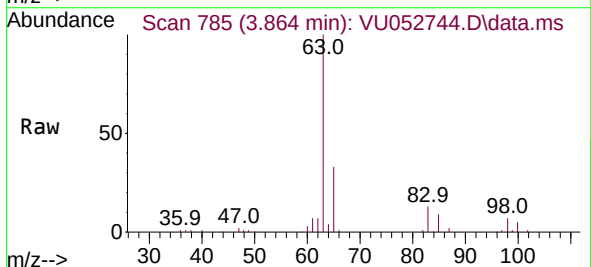
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBSD01

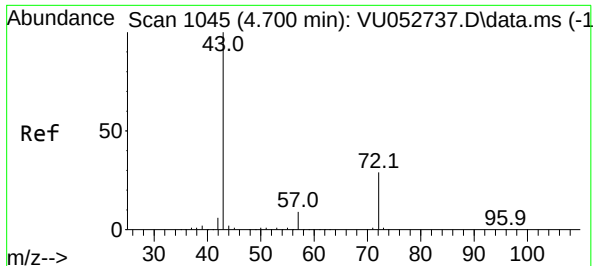
Tgt Ion: 43 Resp: 597401
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.006 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

Tgt Ion: 63 Resp: 94442
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.7 2.2 6.6

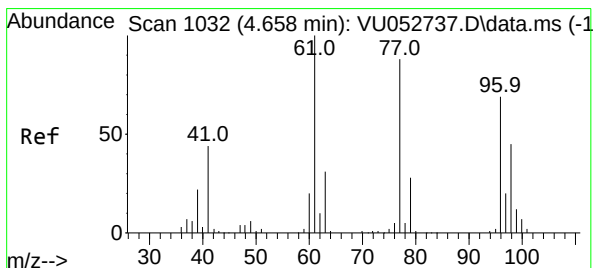
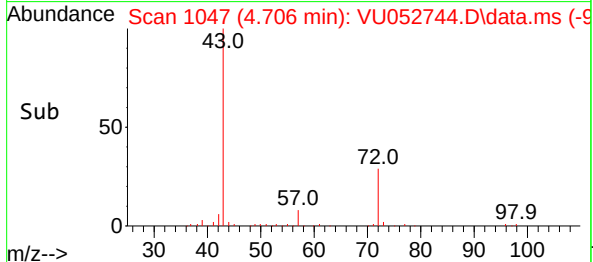
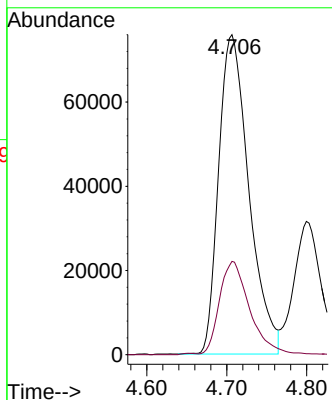
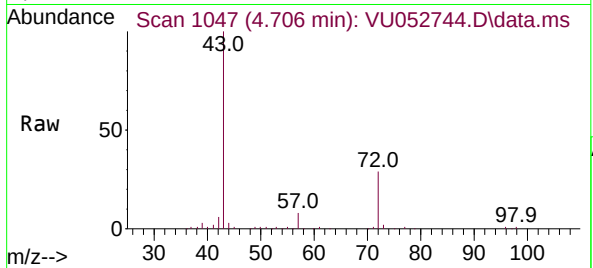




#25
2-Butanone
Concen: 105.316 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

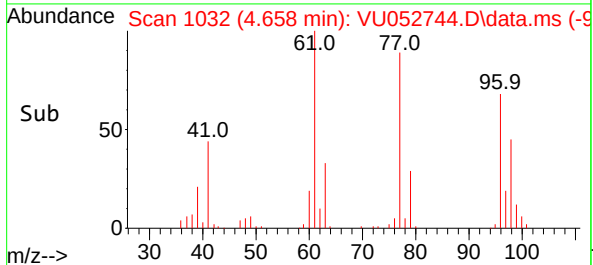
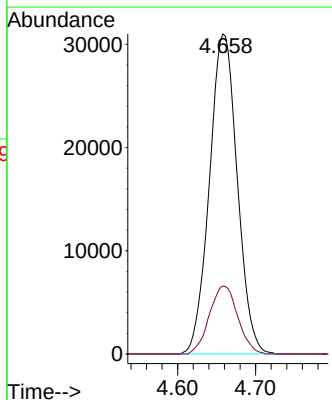
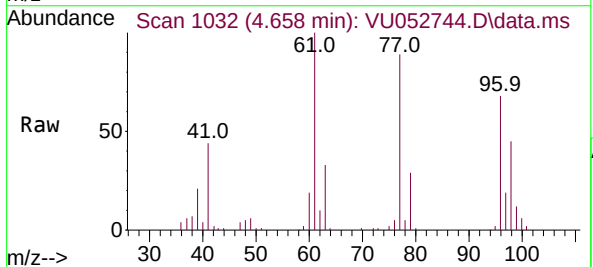
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

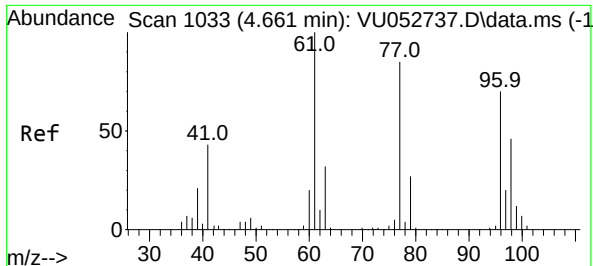
Tgt Ion: 43 Resp: 199160
Ion Ratio Lower Upper
43 100
72 29.2 23.3 34.9



#26
2,2-Dichloropropane
Concen: 19.853 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 77 Resp: 76884
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8

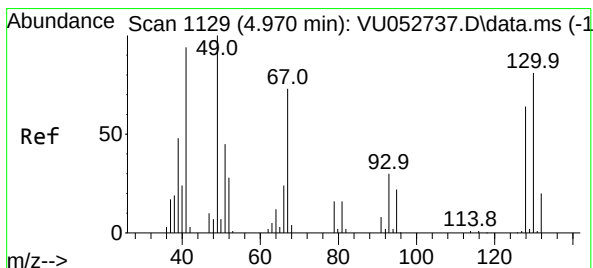
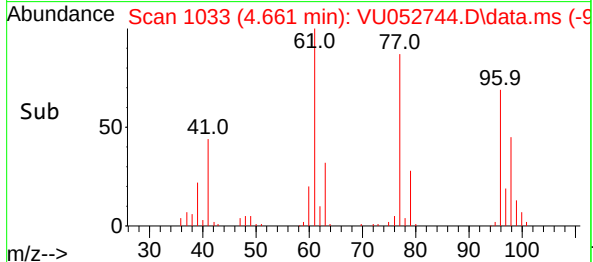
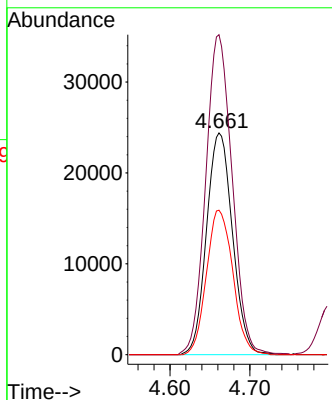
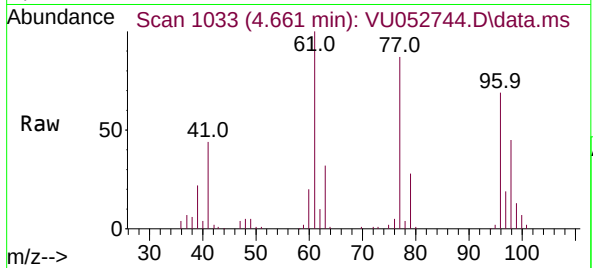




#27
 cis-1,2-Dichloroethene
 Concen: 20.504 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

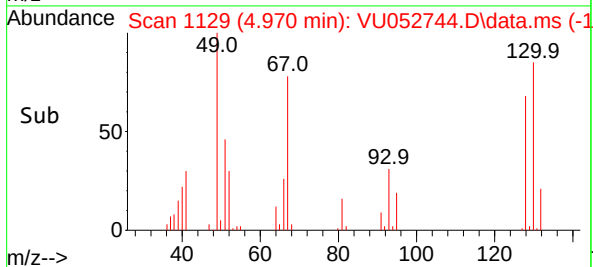
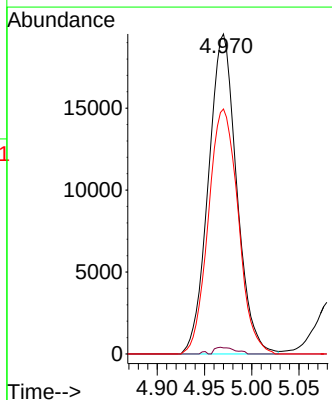
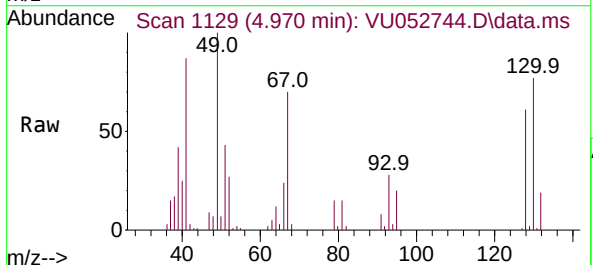
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBSD01

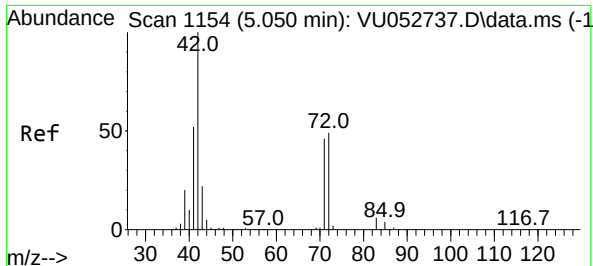
Tgt Ion: 96 Resp: 55134
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 287.2
 98 66.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.620 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

Tgt Ion: 49 Resp: 40631
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 80.8 65.5 98.3





#29

Tetrahydrofuran

Concen: 109.336 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

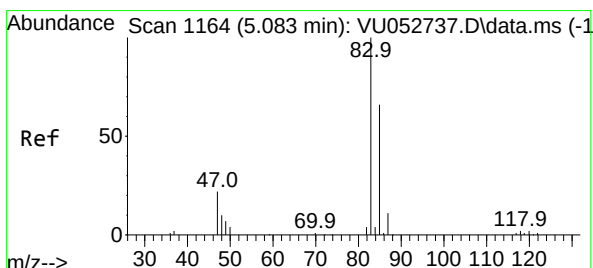
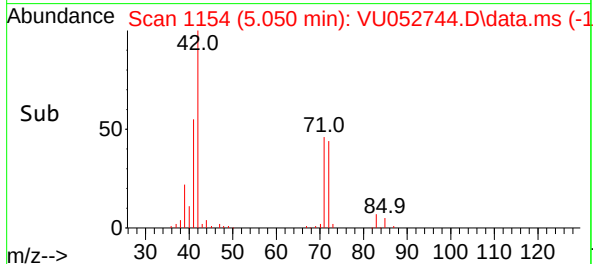
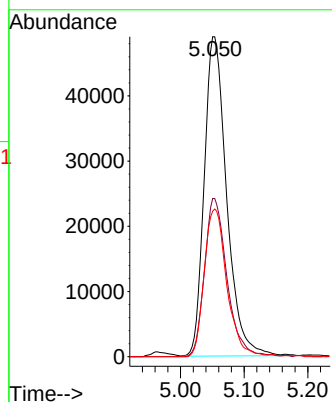
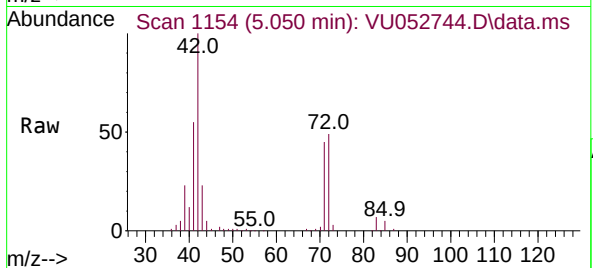
Tgt Ion: 42 Resp: 120026

Ion Ratio Lower Upper

42 100

72 49.6 40.5 60.7

71 46.5 37.4 56.0



#30

Chloroform

Concen: 18.787 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052744.D

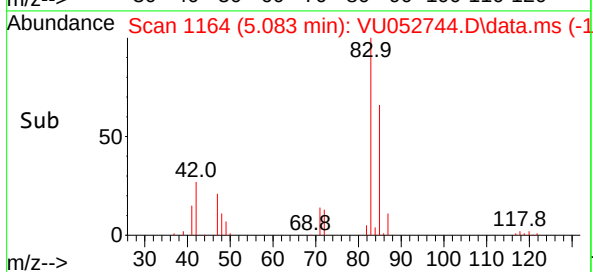
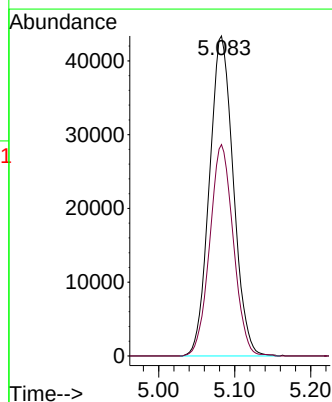
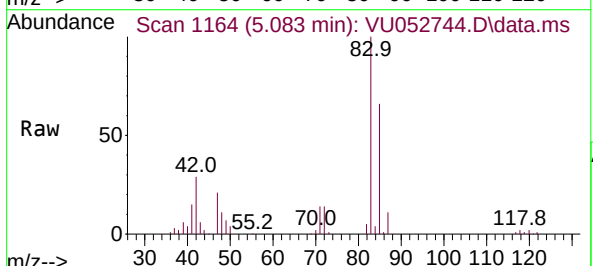
Acq: 19 Jan 2023 18:44

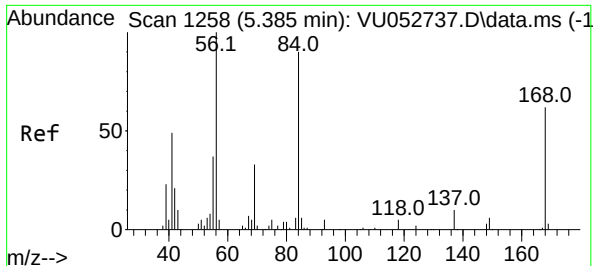
Tgt Ion: 83 Resp: 94800

Ion Ratio Lower Upper

83 100

85 66.1 52.6 79.0





#31

Cyclohexane

Concen: 19.475 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

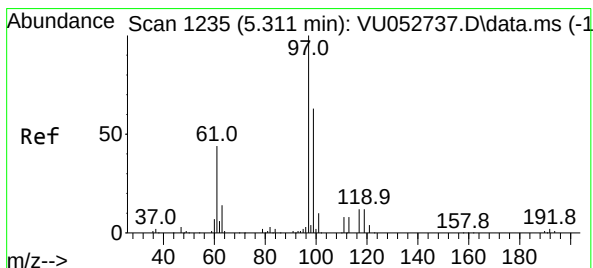
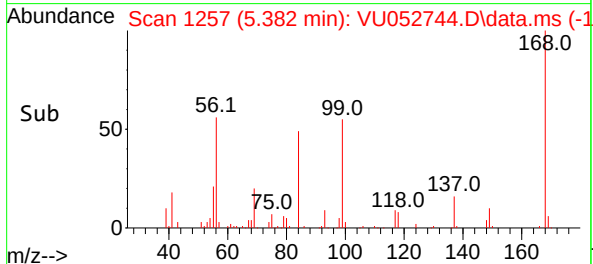
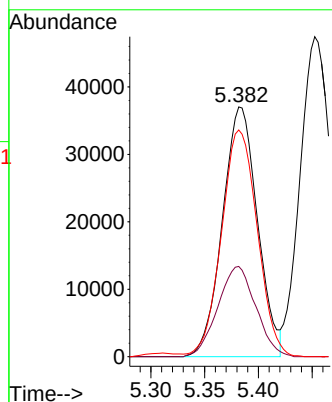
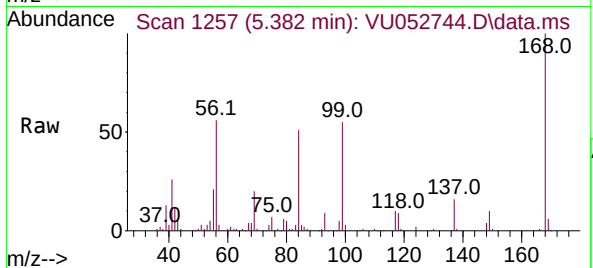
Tgt Ion: 56 Resp: 83956

Ion Ratio Lower Upper

56 100

69 36.2 26.2 39.2

84 89.7 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 19.902 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

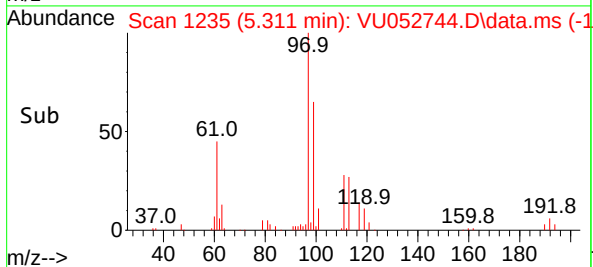
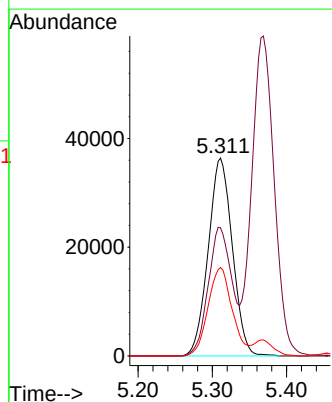
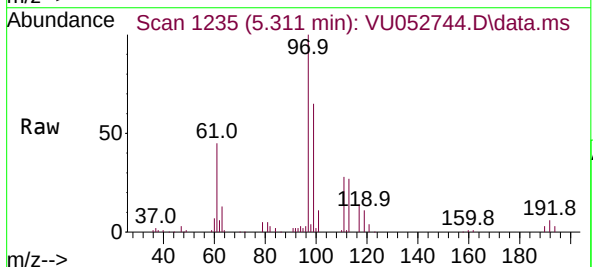
Tgt Ion: 97 Resp: 82260

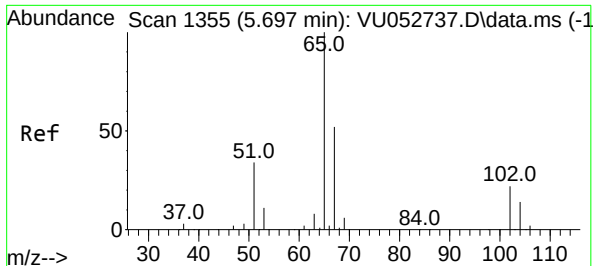
Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 44.6 35.1 52.7

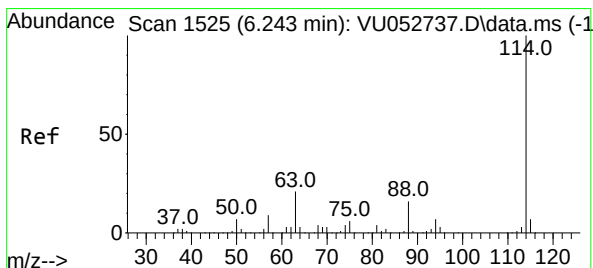
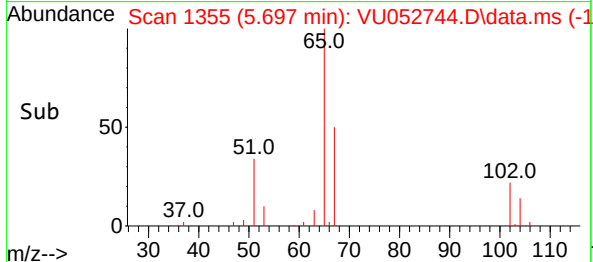
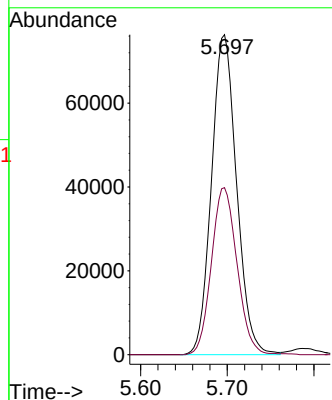
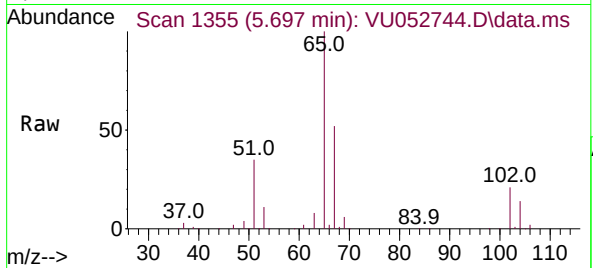




#33
 1,2-Dichloroethane-d4
 Concen: 49.938 ug/l
 RT: 5.697 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

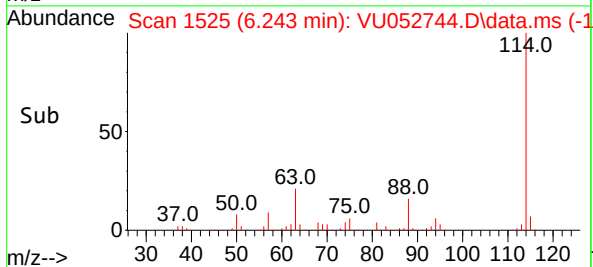
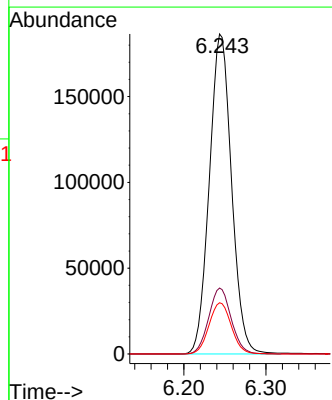
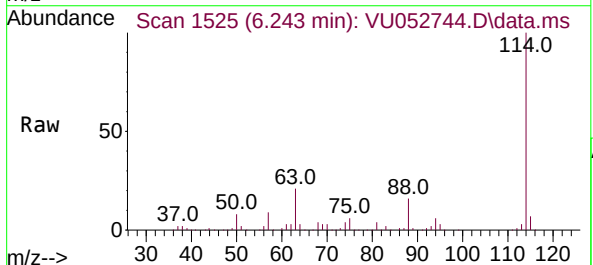
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBSD01

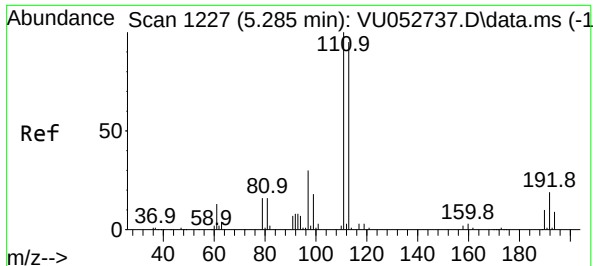
Tgt Ion: 65 Resp: 153639
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.243 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

Tgt Ion: 114 Resp: 350181
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 16.0 0.0 32.8

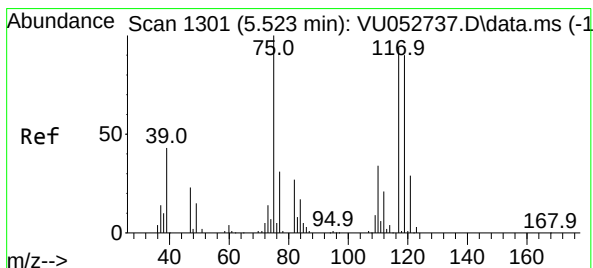
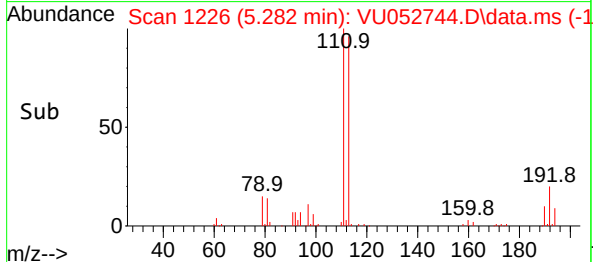
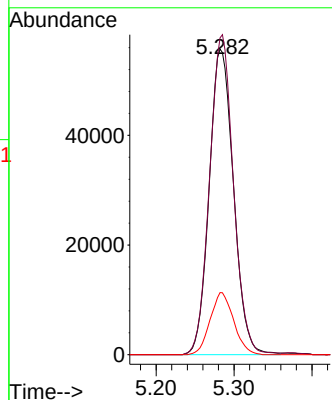
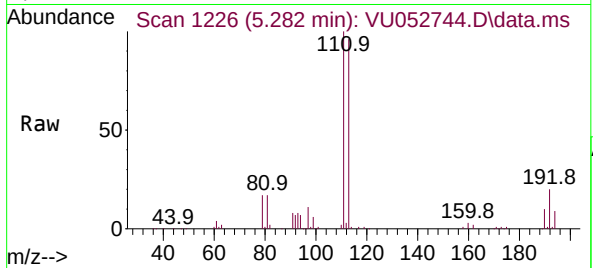




#35
Dibromofluoromethane
Concen: 49.641 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

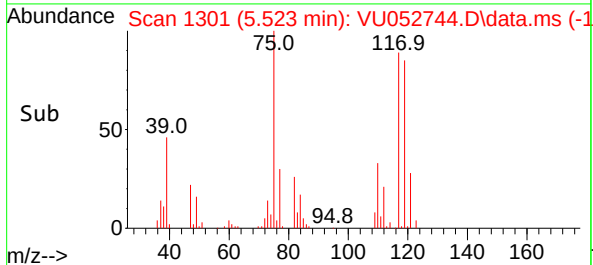
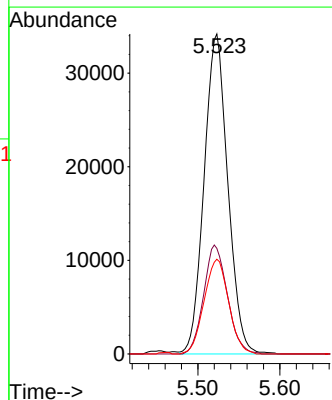
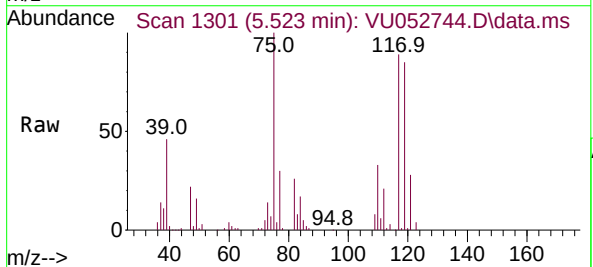
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

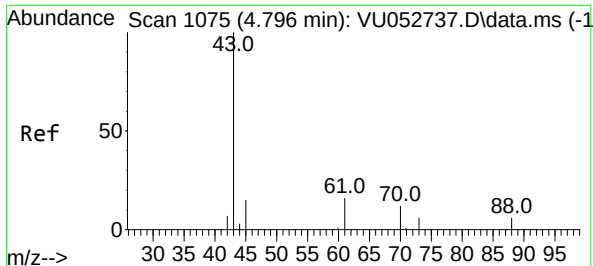
Tgt Ion:113 Resp: 121042
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.7 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.618 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 75 Resp: 68635
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.648 ug/l

RT: 4.800 min Scan# 1075

Delta R.T. 0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

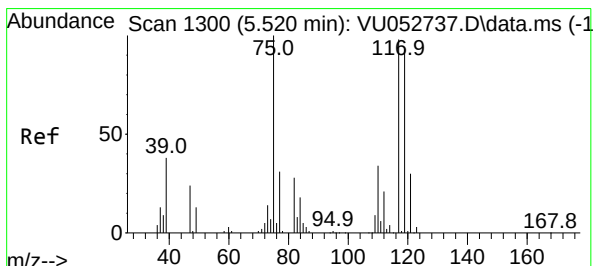
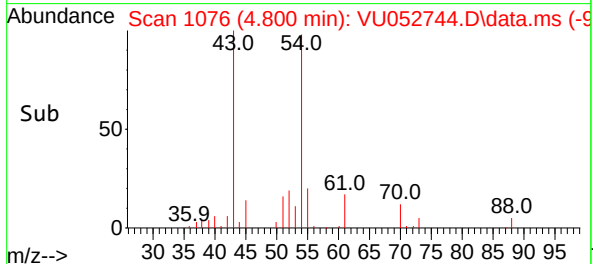
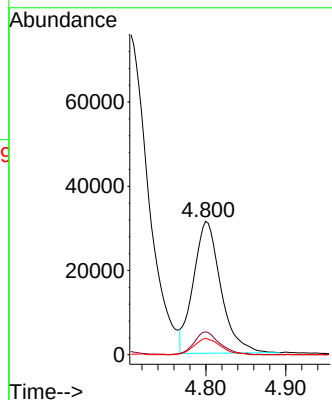
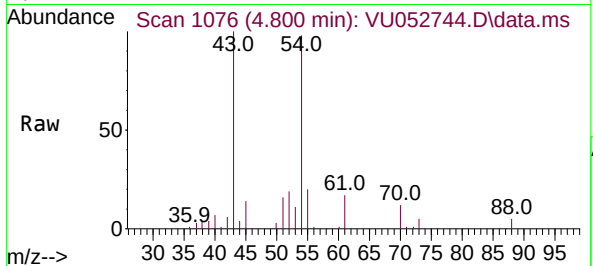
Tgt Ion: 43 Resp: 74724

Ion Ratio Lower Upper

43 100

61 16.2 12.2 18.4

70 11.8 8.9 13.3



#38

Carbon Tetrachloride

Concen: 18.852 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

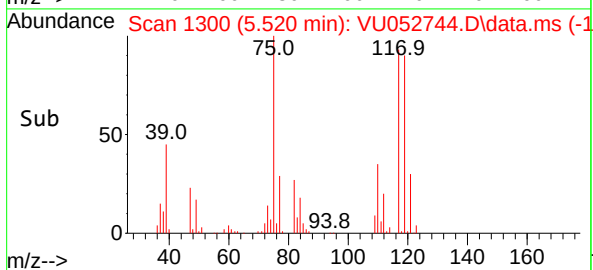
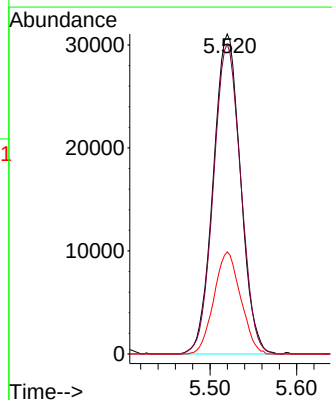
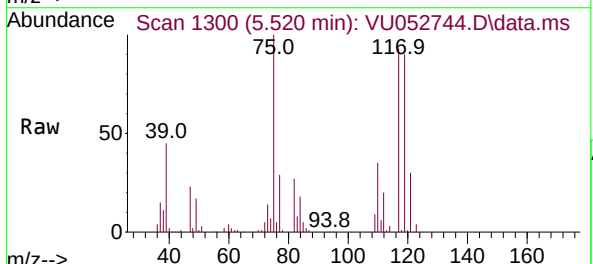
Tgt Ion: 117 Resp: 67854

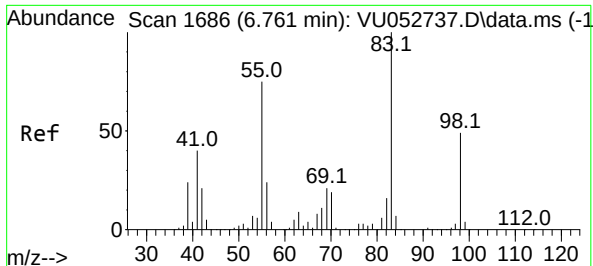
Ion Ratio Lower Upper

117 100

119 96.8 75.6 113.4

121 31.9 24.2 36.4





#39

Methylcyclohexane

Concen: 19.604 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

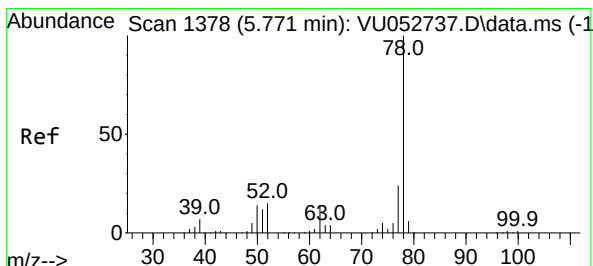
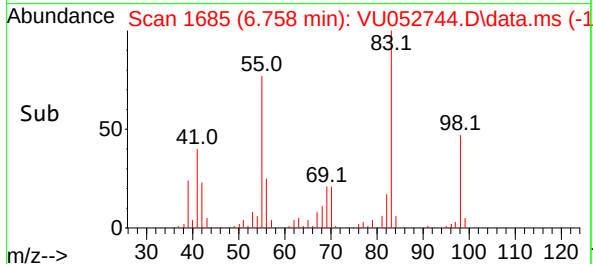
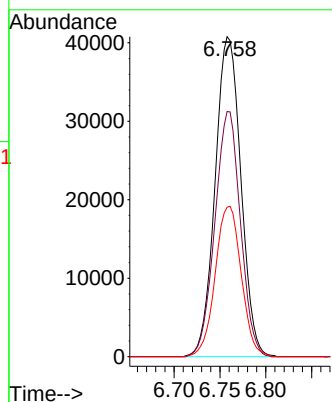
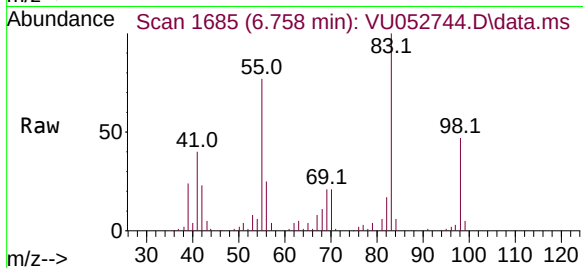
Tgt Ion: 83 Resp: 79810

Ion Ratio Lower Upper

83 100

55 76.6 60.4 90.6

98 46.7 38.9 58.3



#40

Benzene

Concen: 19.691 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052744.D

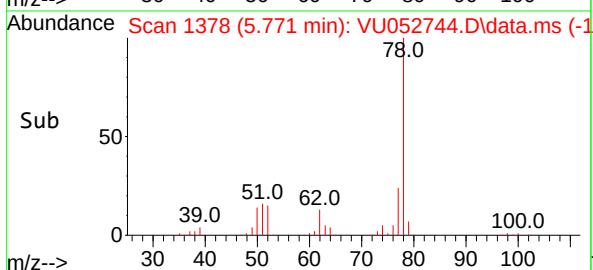
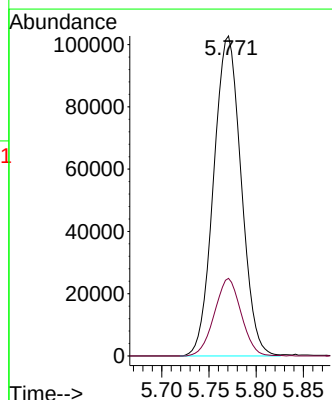
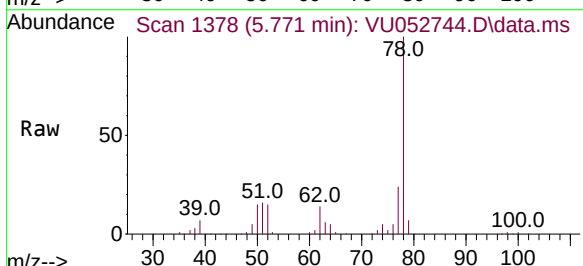
Acq: 19 Jan 2023 18:44

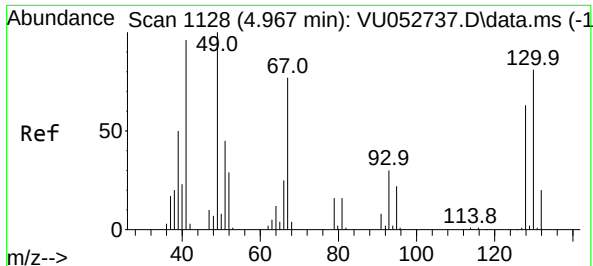
Tgt Ion: 78 Resp: 208018

Ion Ratio Lower Upper

78 100

77 24.3 18.9 28.3



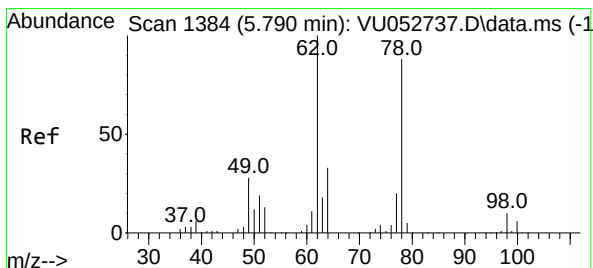
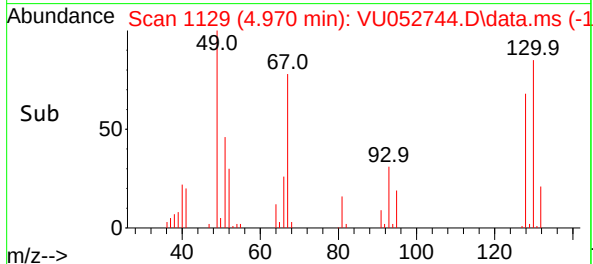
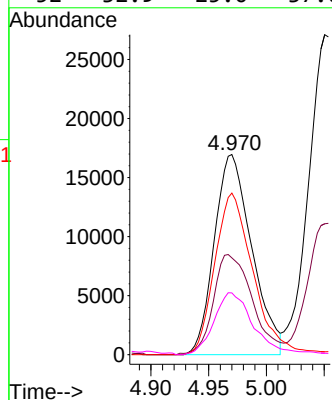
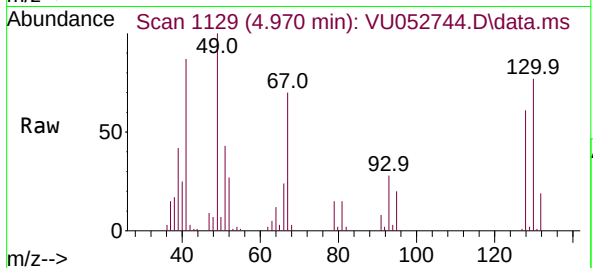


#41
Methacrylonitrile
Concen: 20.802 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

Tgt Ion: 41 Resp: 38272

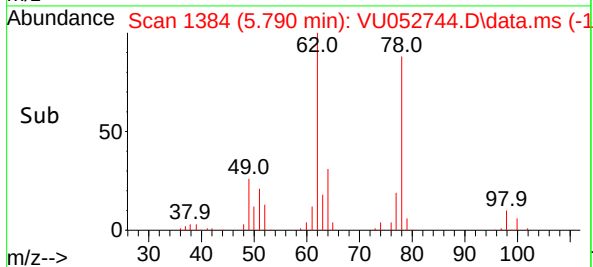
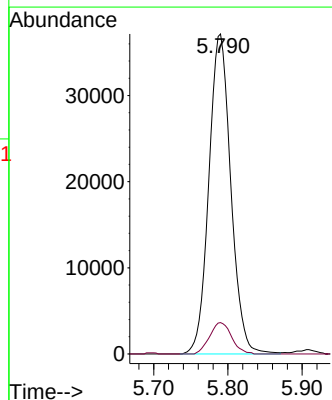
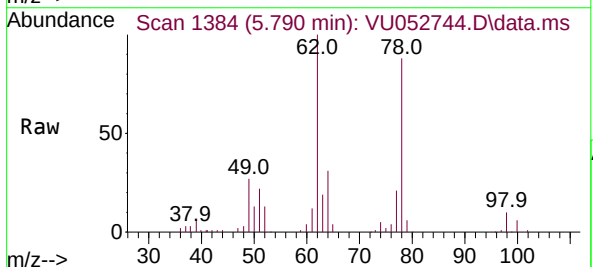
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.2	63.2
67	83.2	65.0	97.6
52	32.9	25.0	37.6

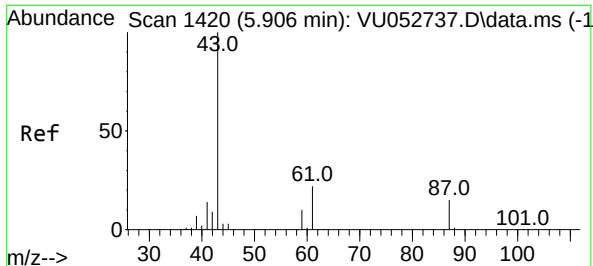


#42
1,2-Dichloroethane
Concen: 20.023 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 62 Resp: 76380

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.430 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

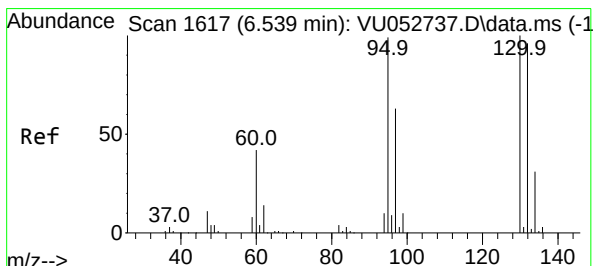
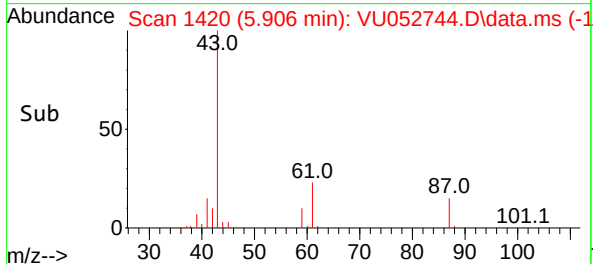
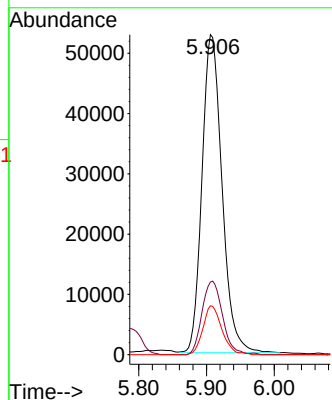
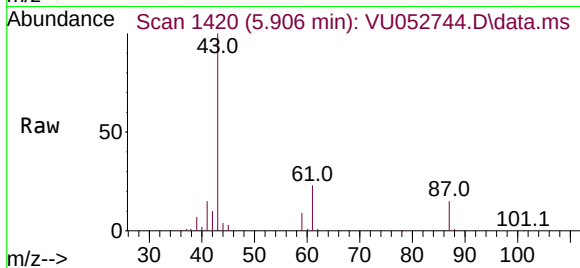
Tgt Ion: 43 Resp: 108299

Ion Ratio Lower Upper

43 100

61 23.5 18.1 27.1

87 14.6 11.7 17.5



#44

Trichloroethene

Concen: 19.840 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052744.D

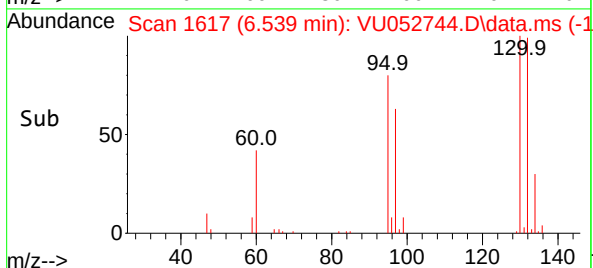
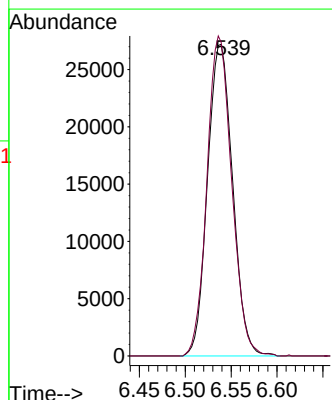
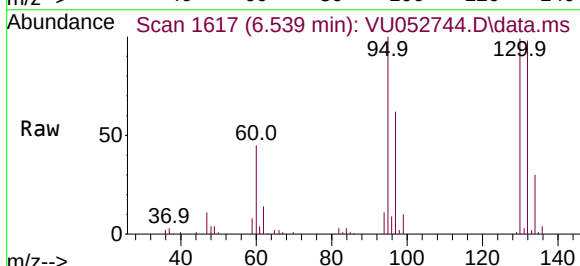
Acq: 19 Jan 2023 18:44

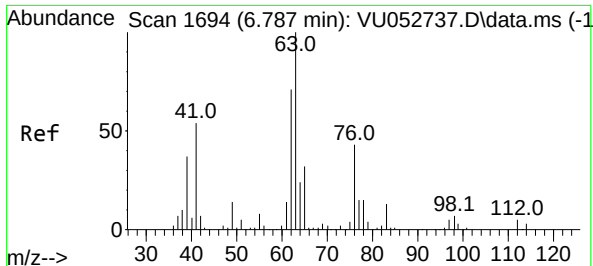
Tgt Ion:130 Resp: 51840

Ion Ratio Lower Upper

130 100

95 100.7 0.0 198.2





#45

1,2-Dichloropropane

Concen: 20.041 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

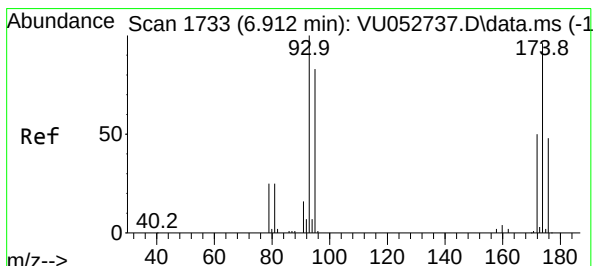
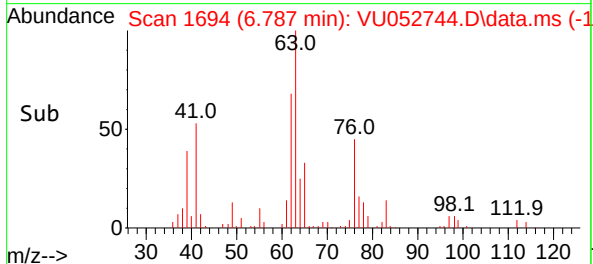
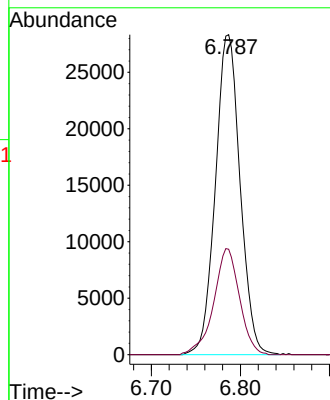
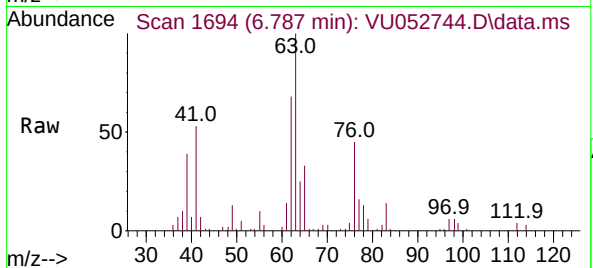
VU0119WBSD01

Tgt Ion: 63 Resp: 54607

Ion Ratio Lower Upper

63 100

65 32.9 26.0 39.0



#46

Dibromomethane

Concen: 19.169 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

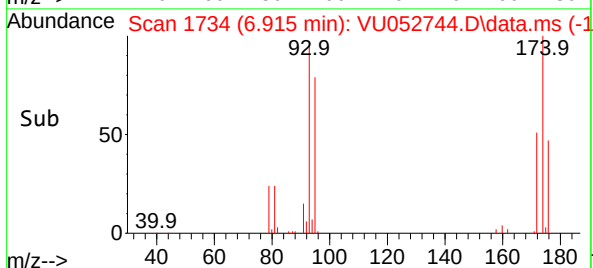
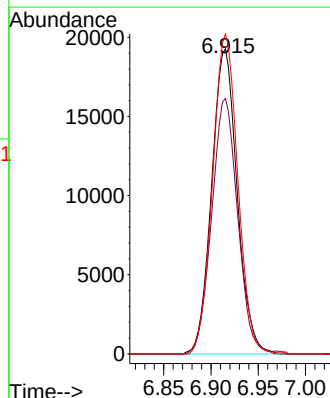
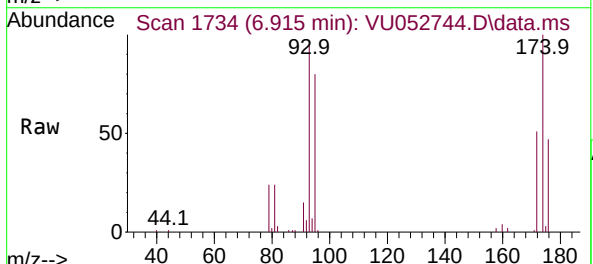
Tgt Ion: 93 Resp: 36171

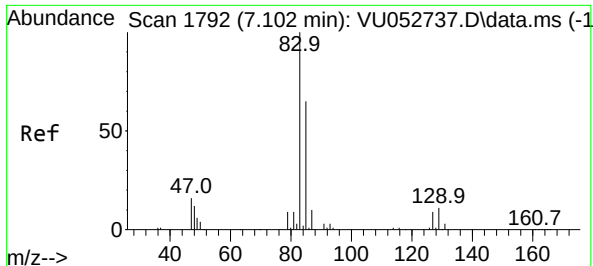
Ion Ratio Lower Upper

93 100

95 84.8 66.6 99.8

174 103.3 78.6 117.8

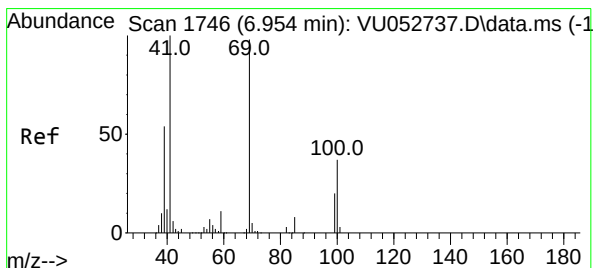
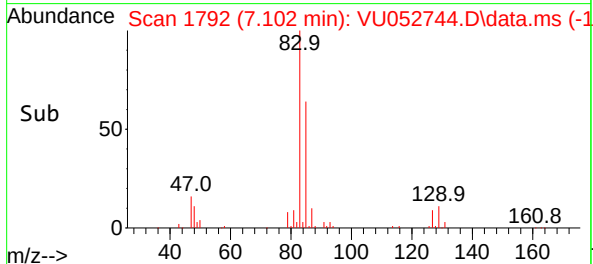
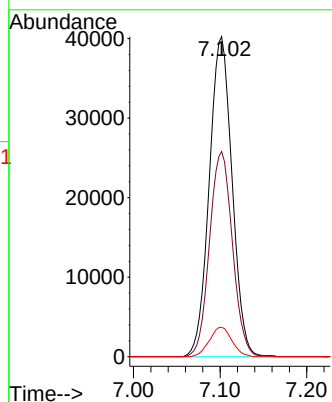
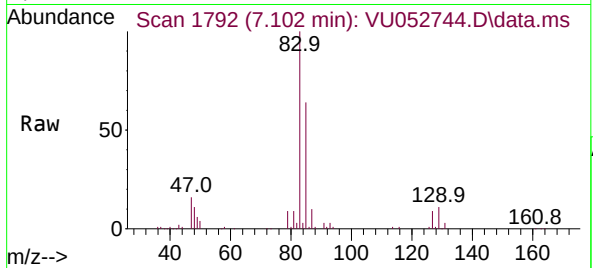




#47
Bromodichloromethane
Concen: 19.512 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

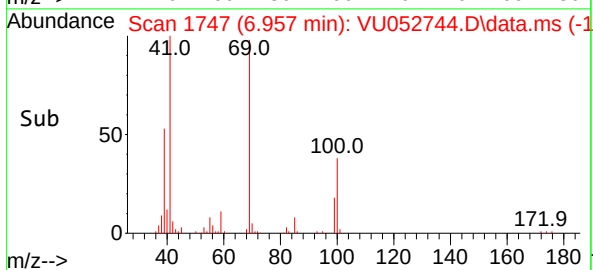
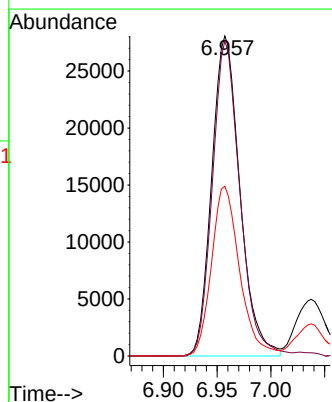
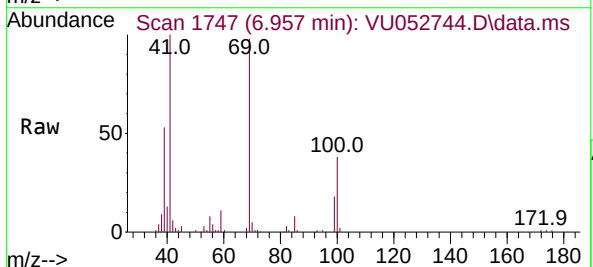
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

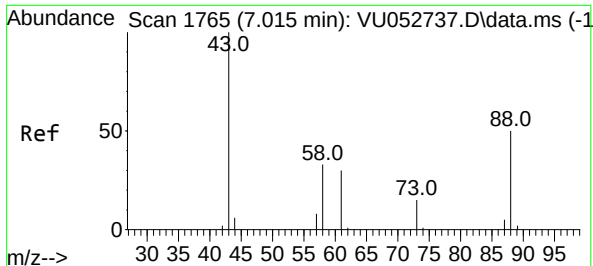
Tgt Ion: 83 Resp: 73674
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 21.183 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 41 Resp: 51171
Ion Ratio Lower Upper
41 100
69 95.8 77.2 115.8
39 52.9 42.9 64.3





#49

1,4-Dioxane

Concen: 464.761 ug/l

RT: 7.034 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

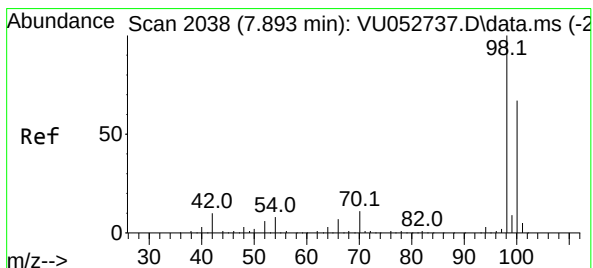
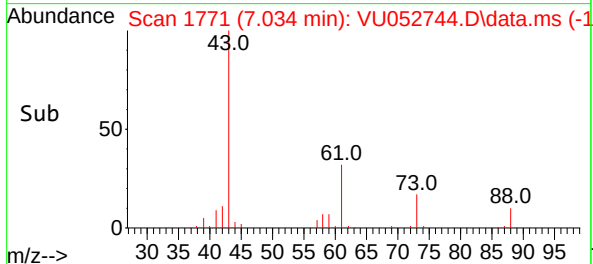
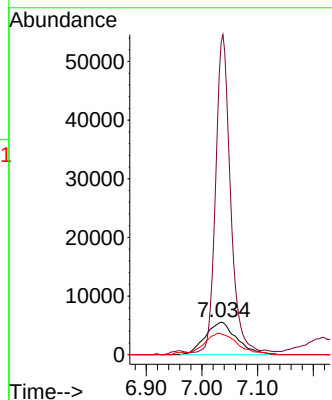
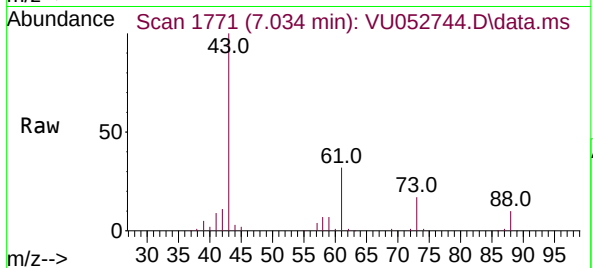
Tgt Ion: 88 Resp: 21754

Ion Ratio Lower Upper

88 100

43 458.2 374.7 562.1

58 68.2 59.2 88.8



#50

Toluene-d8

Concen: 49.542 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052744.D

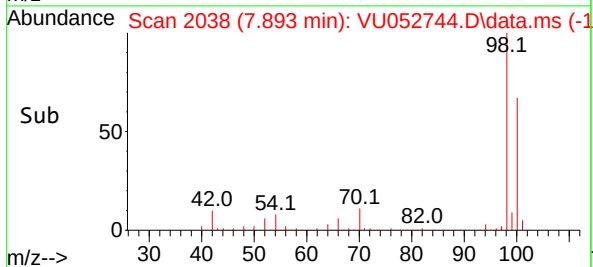
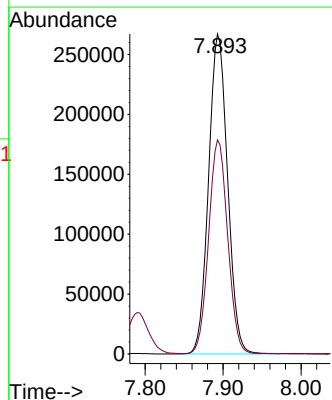
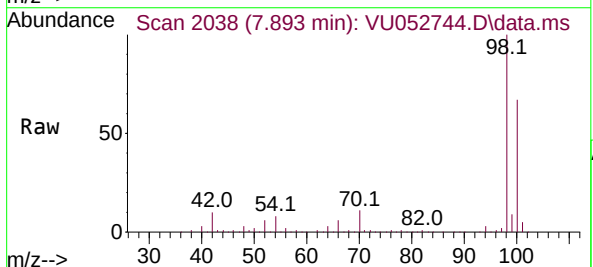
Acq: 19 Jan 2023 18:44

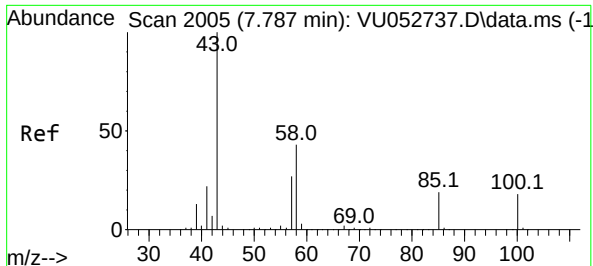
Tgt Ion: 98 Resp: 453026

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5

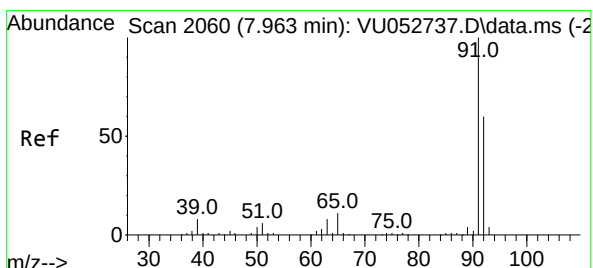
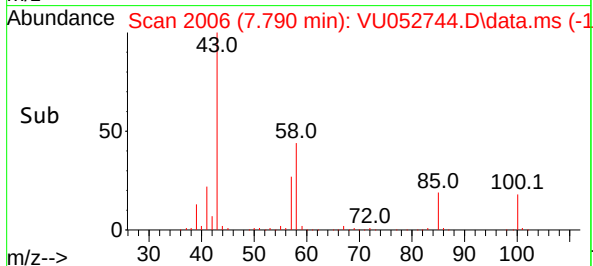
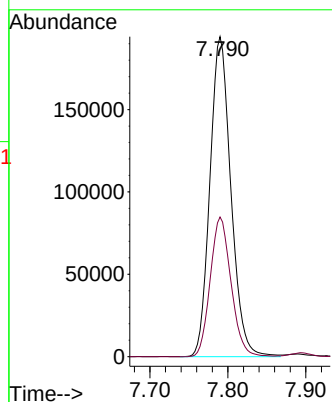
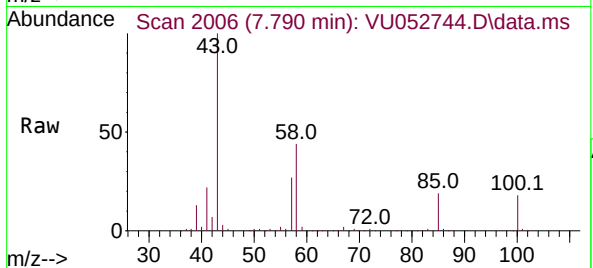




#51
4-Methyl-2-Pentanone
Concen: 105.933 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

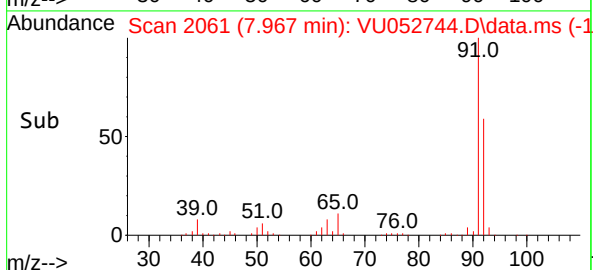
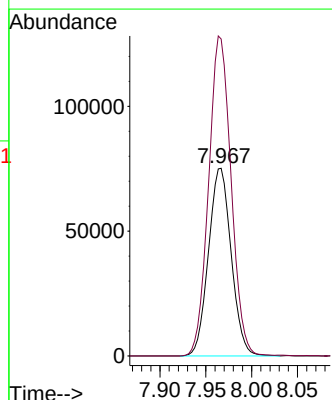
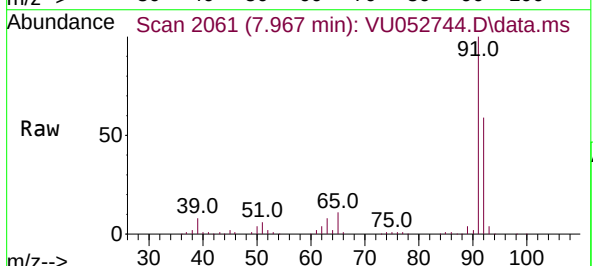
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

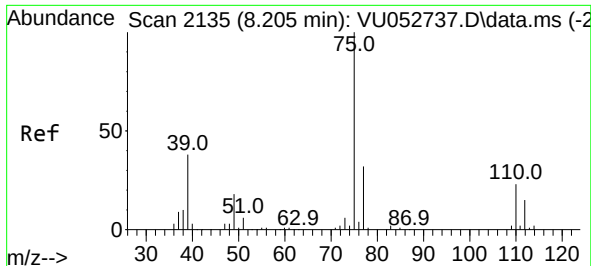
Tgt Ion: 43 Resp: 363446
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0



#52
Toluene
Concen: 20.293 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 92 Resp: 129650
Ion Ratio Lower Upper
92 100
91 168.6 134.9 202.3

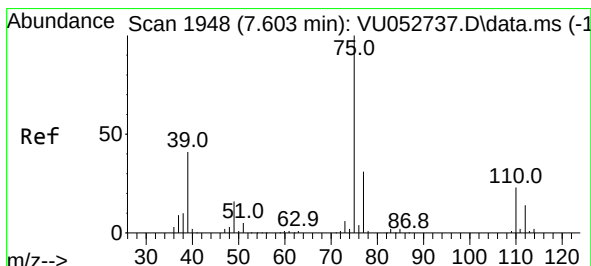
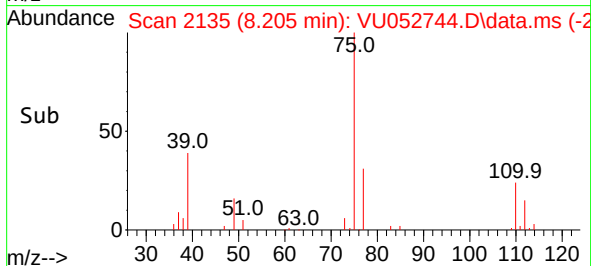
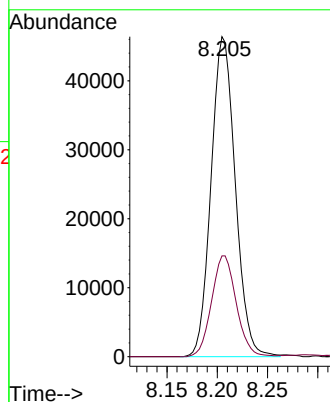
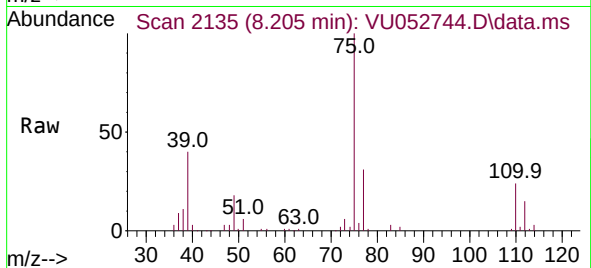




#53
t-1,3-Dichloropropene
Concen: 19.711 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

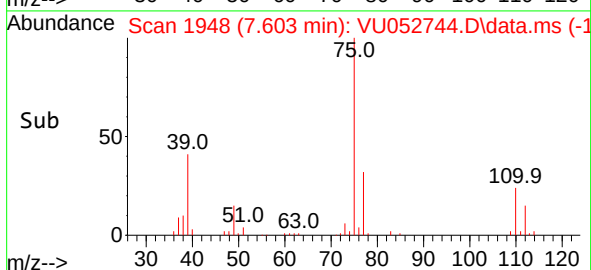
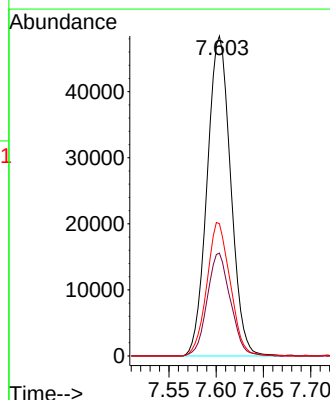
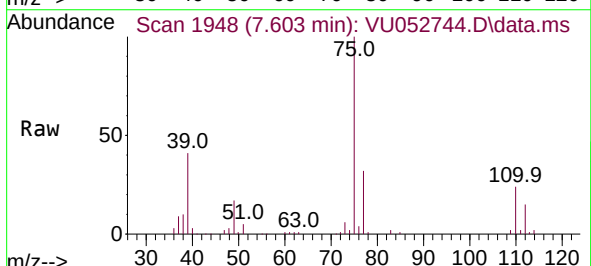
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

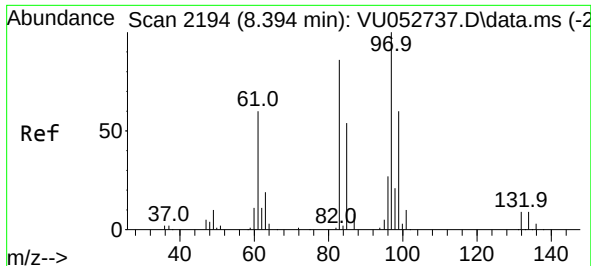
Tgt Ion: 75 Resp: 77743
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.938 ug/l
RT: 7.603 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 75 Resp: 83871
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 41.4 32.9 49.3

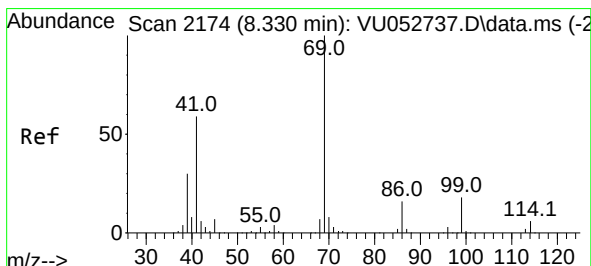
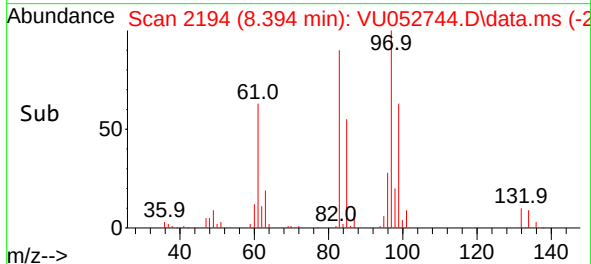
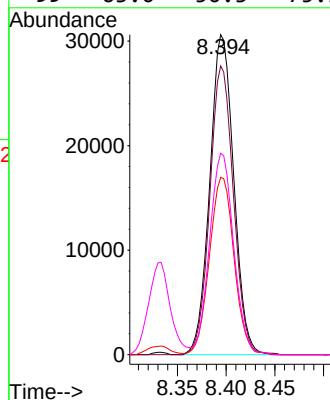
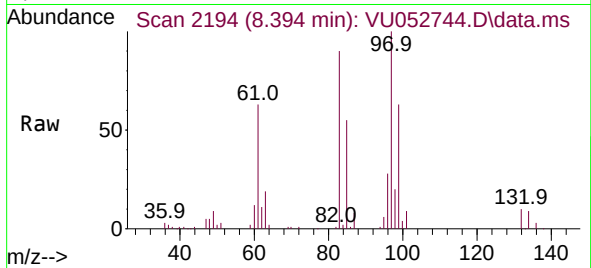




#55
1,1,2-Trichloroethane
Concen: 20.118 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

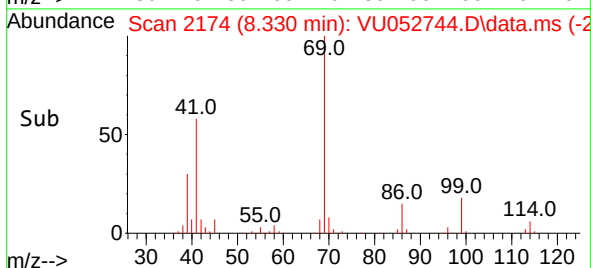
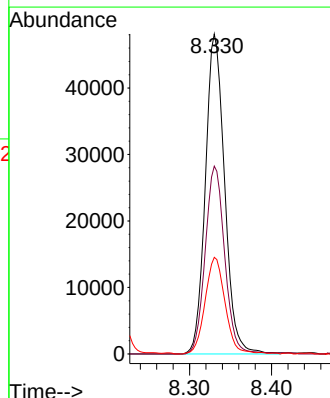
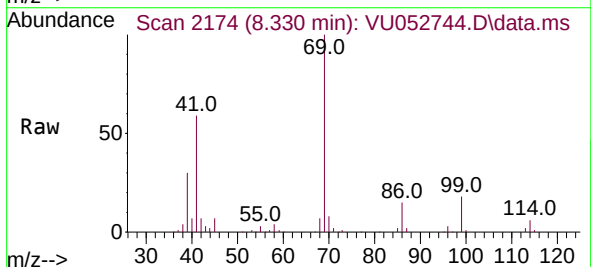
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

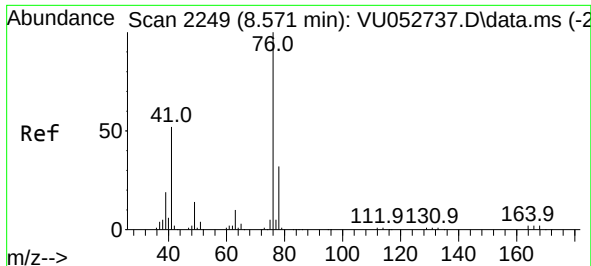
Tgt Ion:	97	Resp:	52466
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.2	103.8
85	55.4	43.8	65.8
99	63.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.167 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion:	69	Resp:	78361
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.6	71.4
39	31.5	24.3	36.5





#57

1,3-Dichloropropane

Concen: 20.136 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

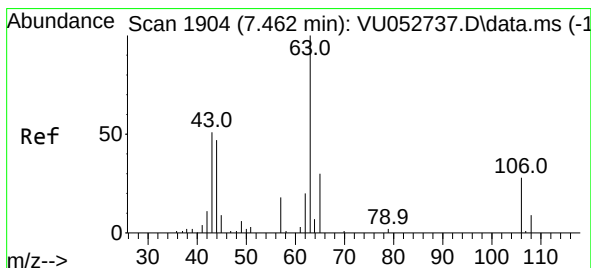
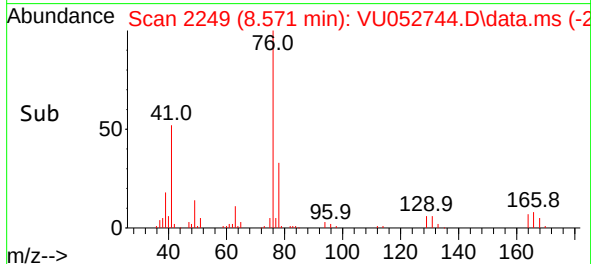
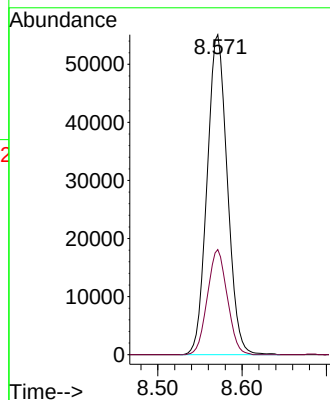
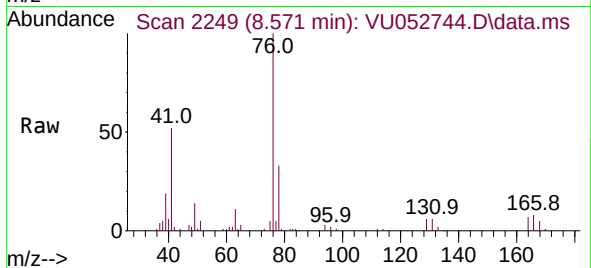
VU0119WBSD01

Tgt Ion: 76 Resp: 92083

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.792 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU052744.D

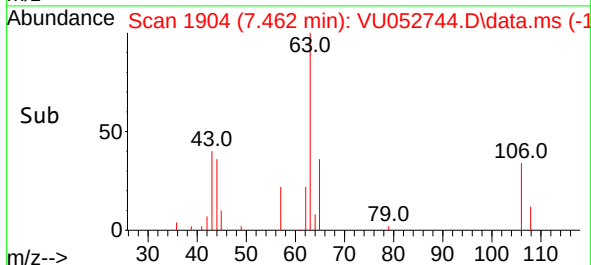
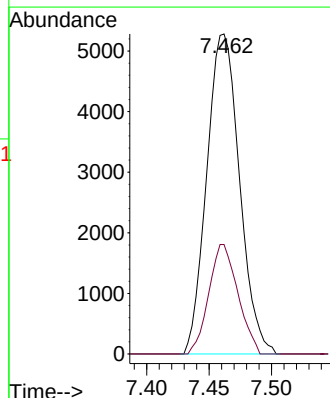
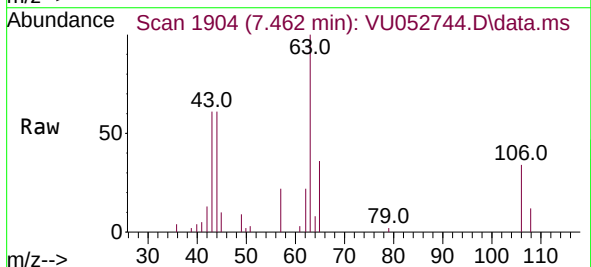
Acq: 19 Jan 2023 18:44

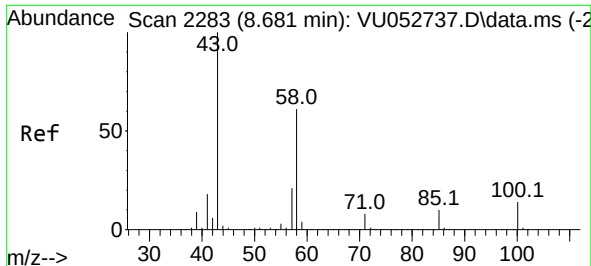
Tgt Ion: 63 Resp: 9677

Ion Ratio Lower Upper

63 100

106 30.3 23.2 34.8





#59

2-Hexanone

Concen: 108.790 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

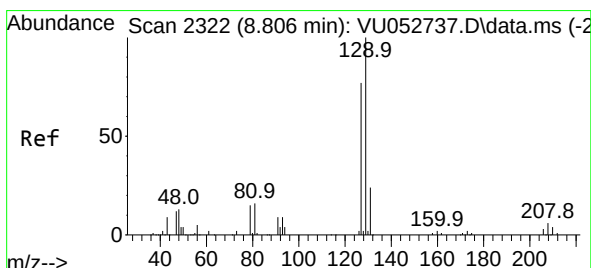
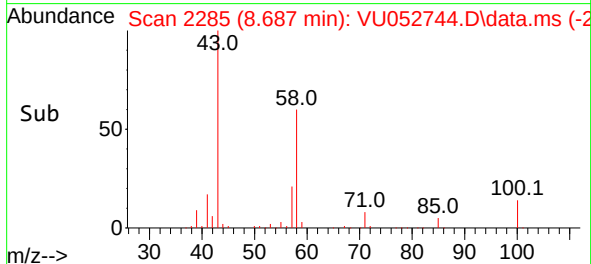
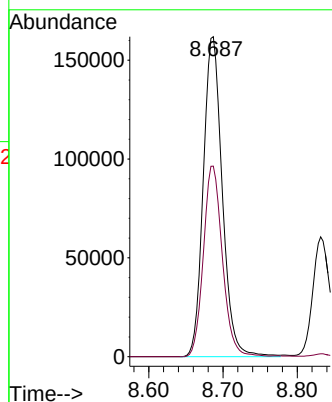
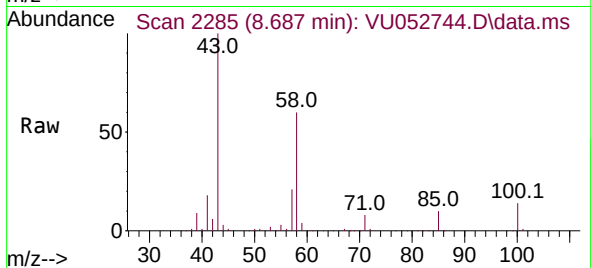
VU0119WBSD01

Tgt Ion: 43 Resp: 287534

Ion Ratio Lower Upper

43 100

58 59.5 29.8 89.5



#60

Dibromochloromethane

Concen: 19.725 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VU052744.D

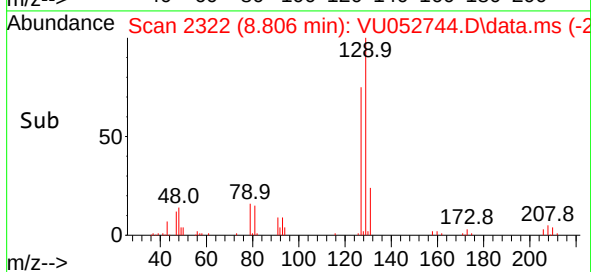
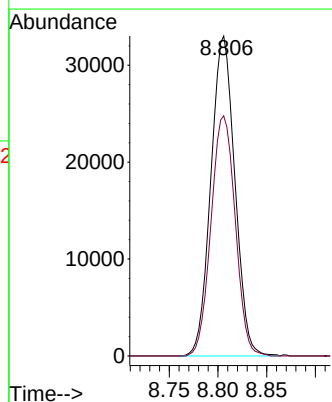
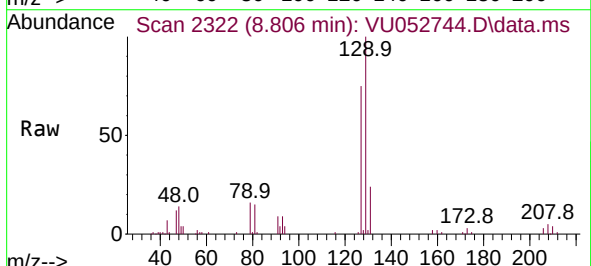
Acq: 19 Jan 2023 18:44

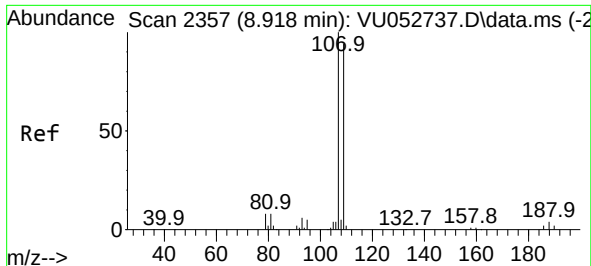
Tgt Ion:129 Resp: 56489

Ion Ratio Lower Upper

129 100

127 75.7 39.1 117.2

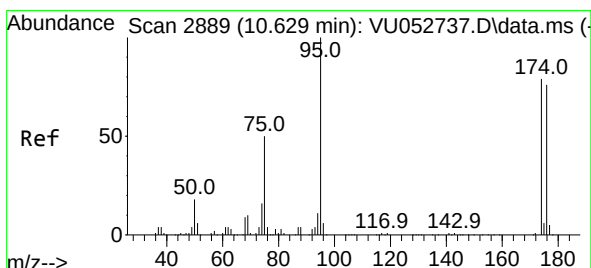
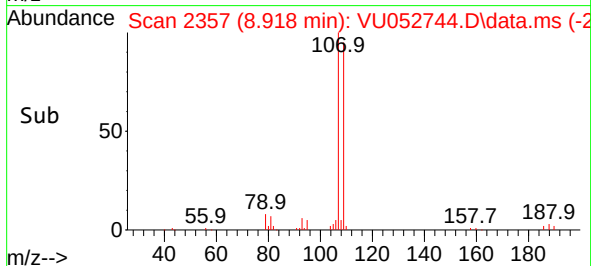
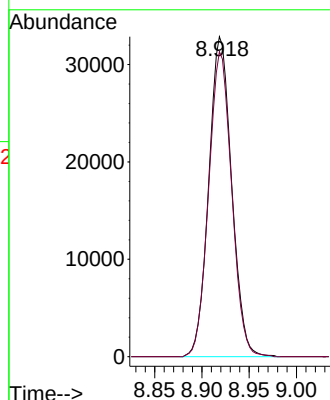
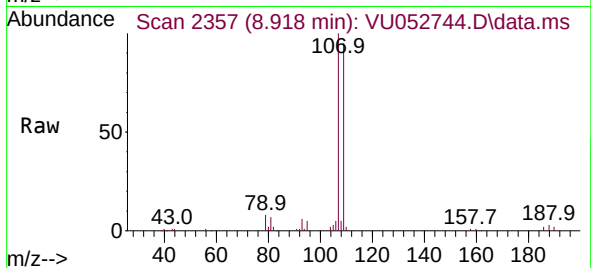




#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

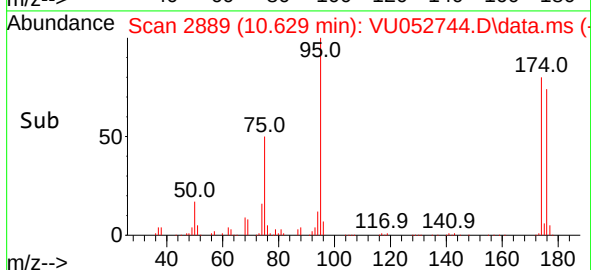
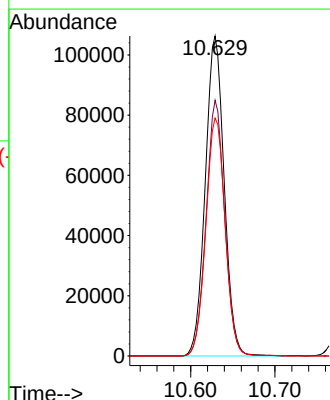
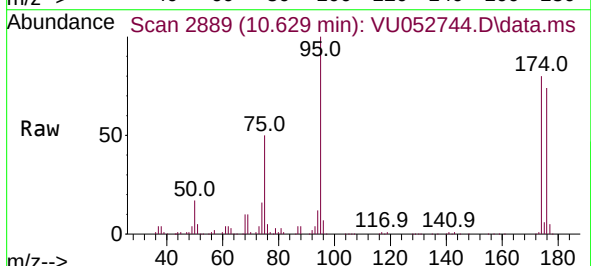
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

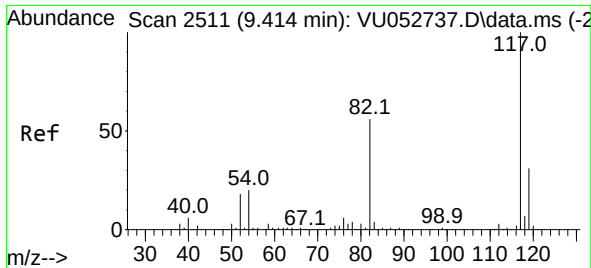
Tgt Ion:107 Resp: 55361
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.622 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 95 Resp: 165754
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.6
176 75.9 0.0 150.6

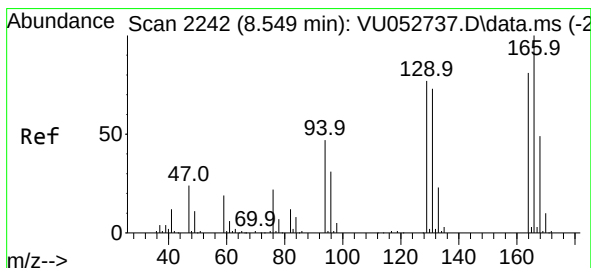
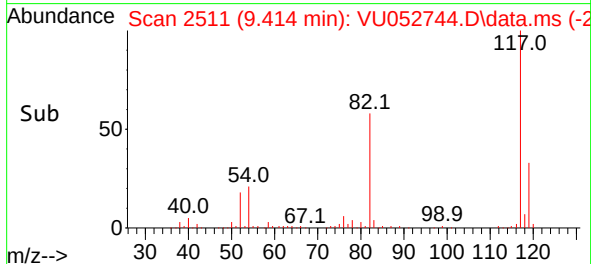
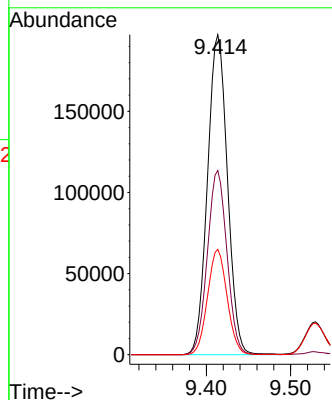
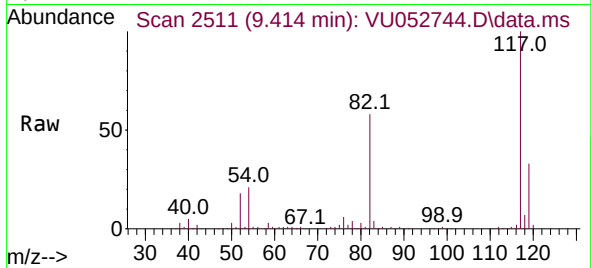




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

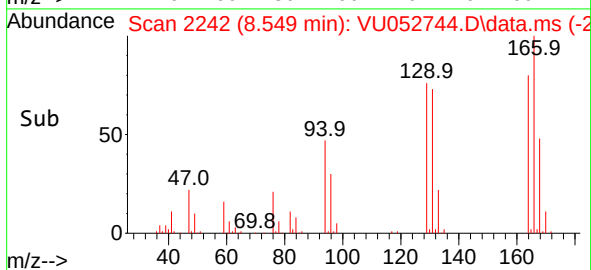
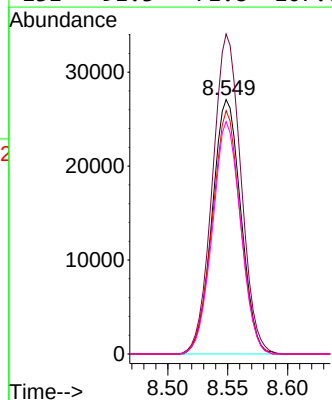
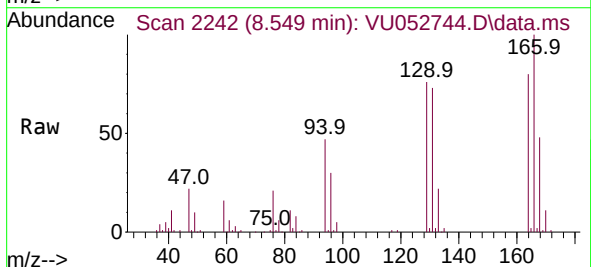
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

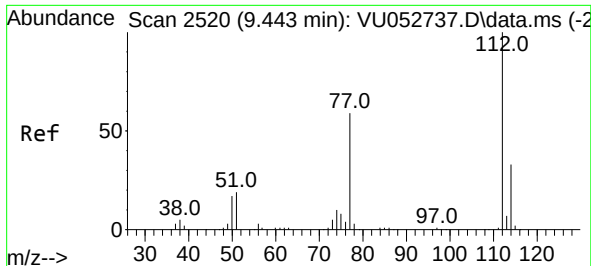
Tgt Ion:117 Resp: 325033
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.9 25.0 37.6



#64
Tetrachloroethene
Concen: 19.932 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion:164 Resp: 45009
Ion Ratio Lower Upper
164 100
166 125.8 98.9 148.3
129 95.7 76.0 114.0
131 91.3 71.8 107.6

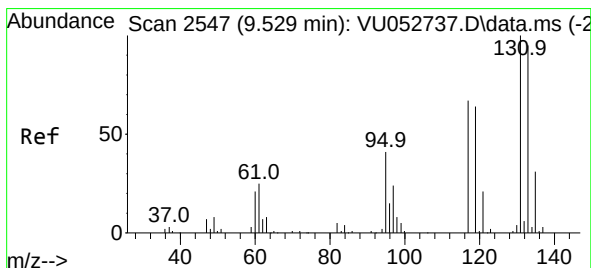
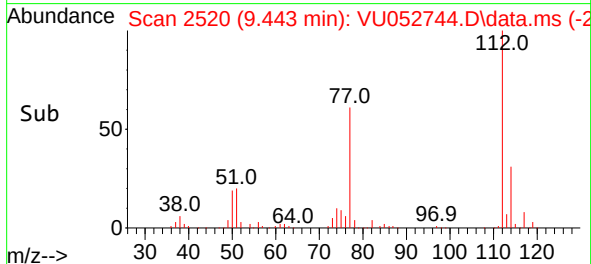
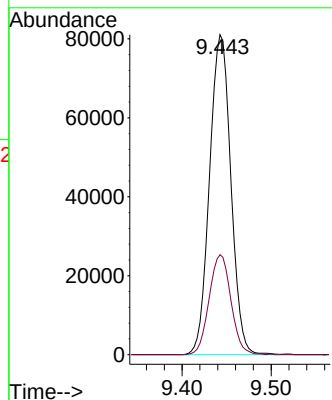
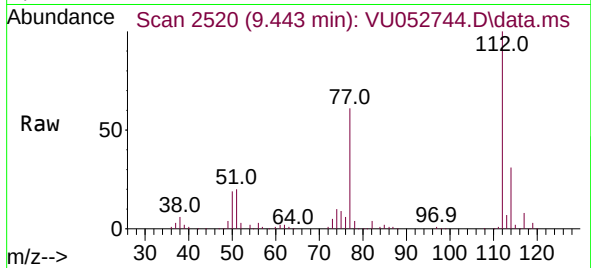




#65
Chlorobenzene
Concen: 19.589 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

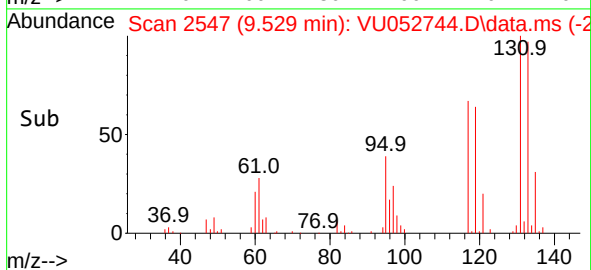
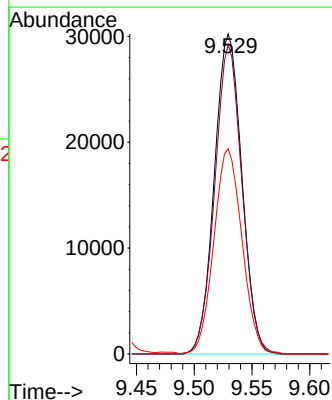
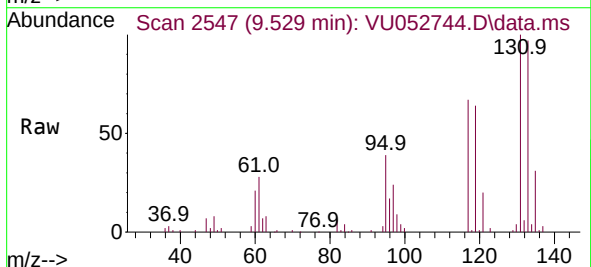
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

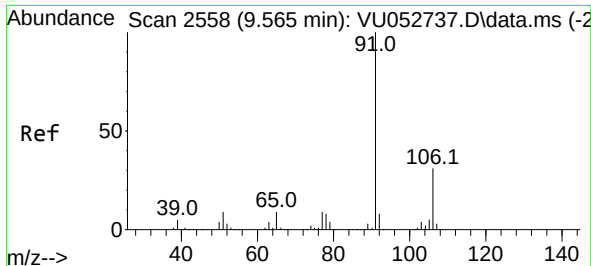
Tgt Ion:112 Resp: 134729
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.388 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion:131 Resp: 49989
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 65.8 32.1 96.3





#67

Ethyl Benzene

Concen: 19.969 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

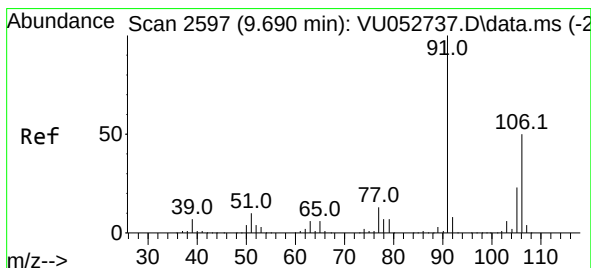
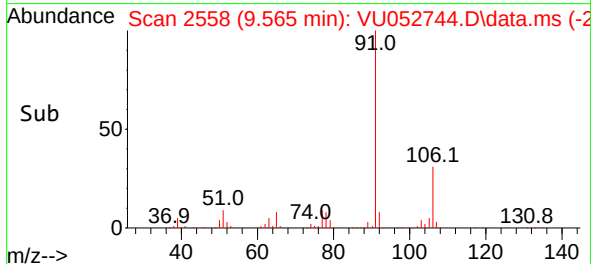
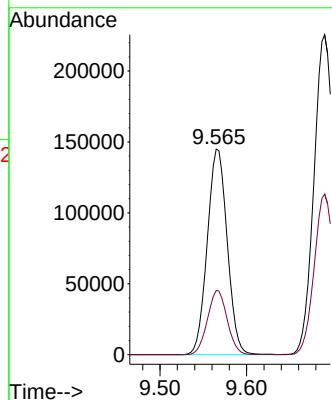
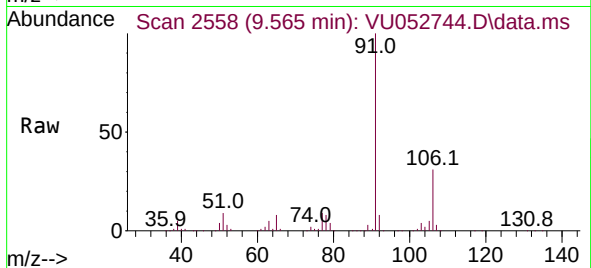
VU0119WBSD01

Tgt Ion: 91 Resp: 232107

Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0



#68

m/p-Xylenes

Concen: 41.432 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052744.D

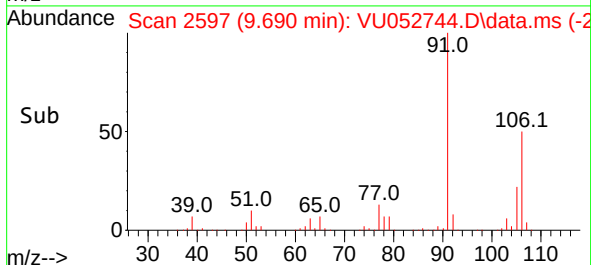
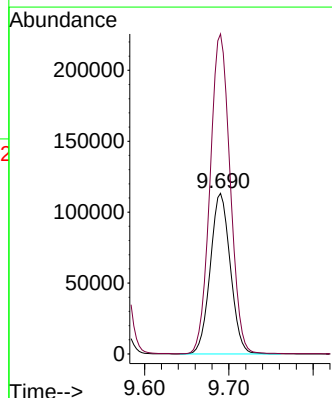
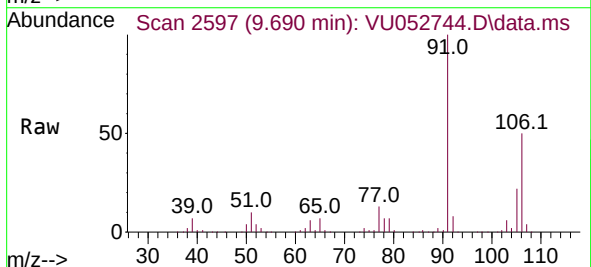
Acq: 19 Jan 2023 18:44

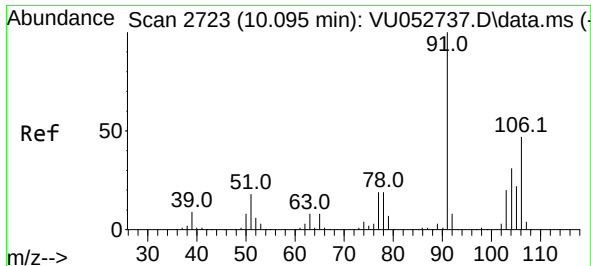
Tgt Ion:106 Resp: 187028

Ion Ratio Lower Upper

106 100

91 200.0 160.8 241.2

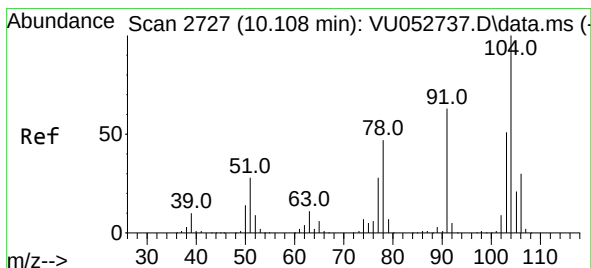
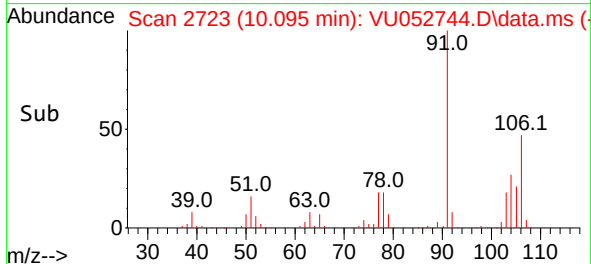
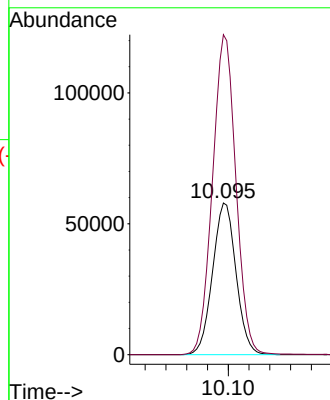
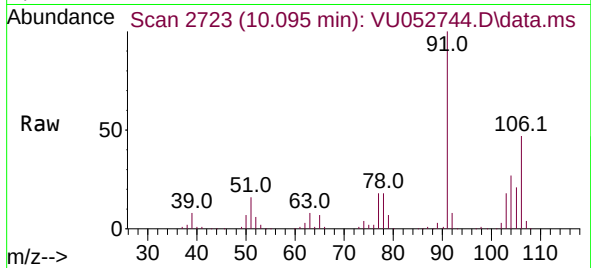




#69
o-Xylene
Concen: 21.046 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

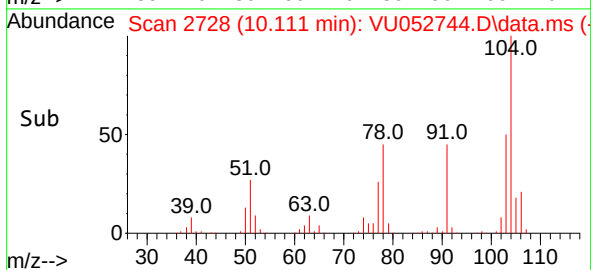
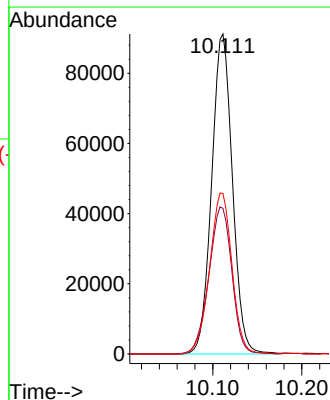
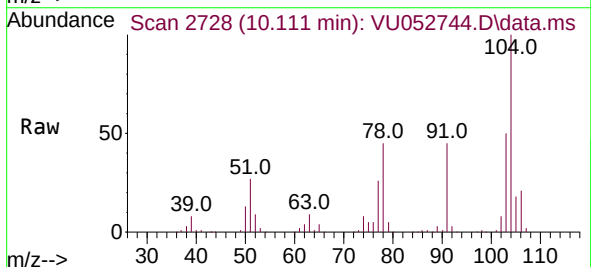
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

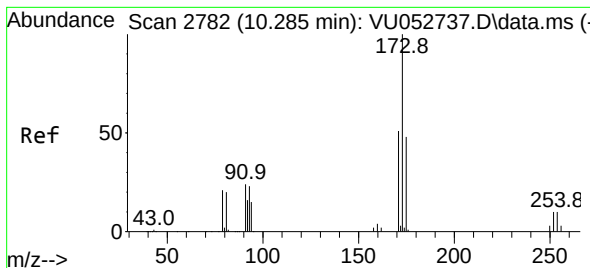
Tgt Ion:106 Resp: 90694
Ion Ratio Lower Upper
106 100
91 211.2 107.9 323.7



#70
Styrene
Concen: 19.593 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion:104 Resp: 147550
Ion Ratio Lower Upper
104 100
78 50.9 39.9 59.9
103 54.1 43.4 65.2





#71

Bromoform

Concen: 20.270 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

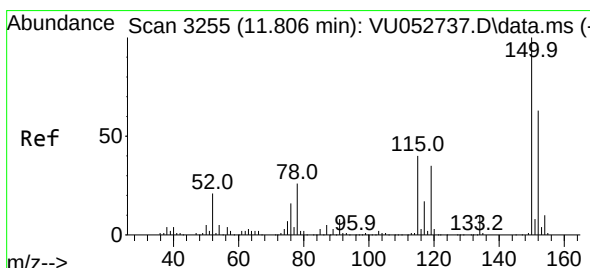
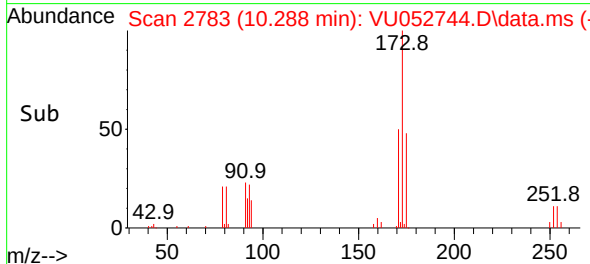
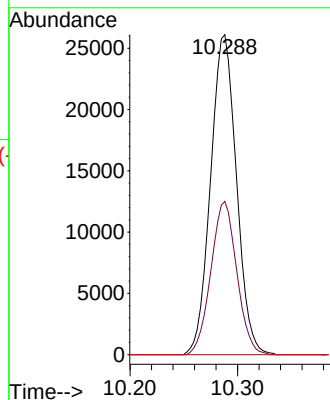
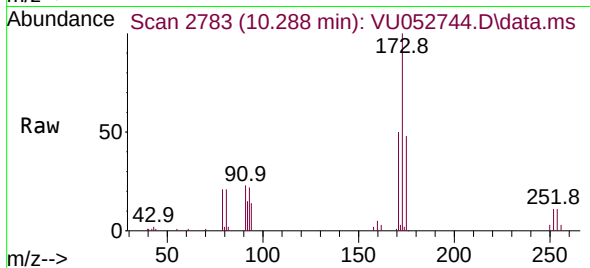
Tgt Ion:173 Resp: 43648

Ion Ratio Lower Upper

173 100

175 47.9 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: VU052744.D

Acq: 19 Jan 2023 18:44

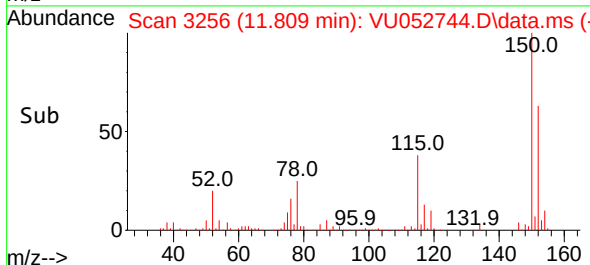
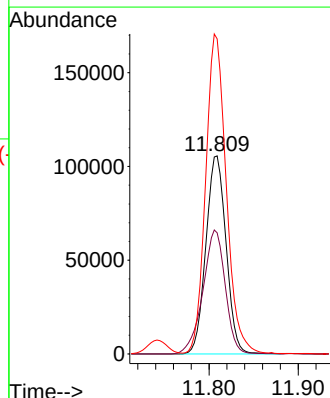
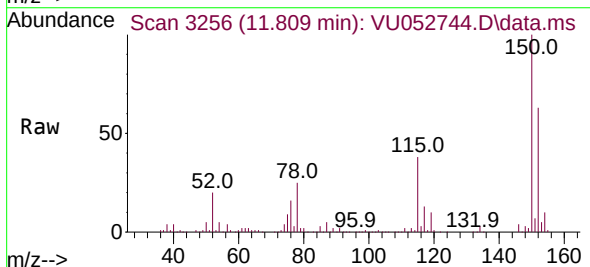
Tgt Ion:152 Resp: 166263

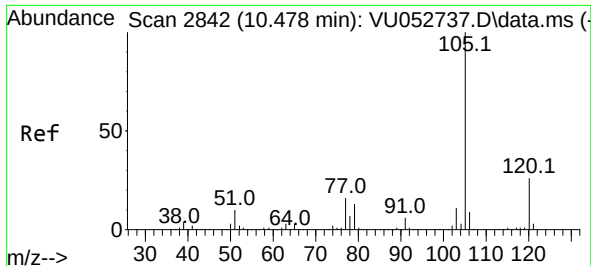
Ion Ratio Lower Upper

152 100

115 69.1 41.7 125.1

150 164.6 0.0 349.2

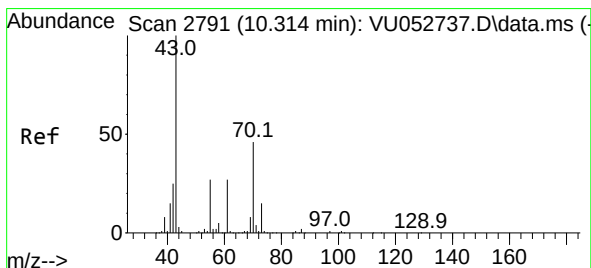
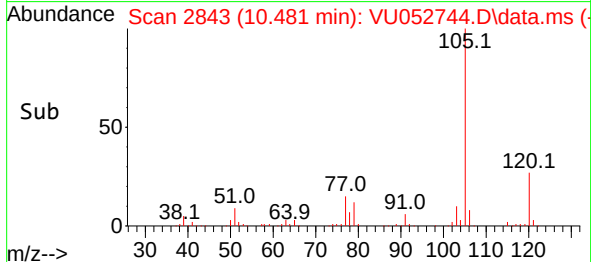
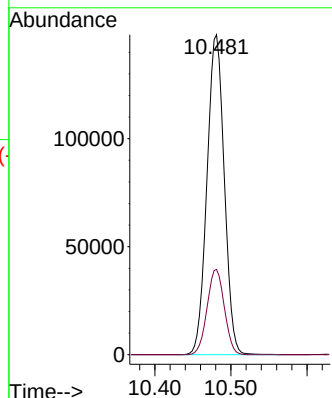
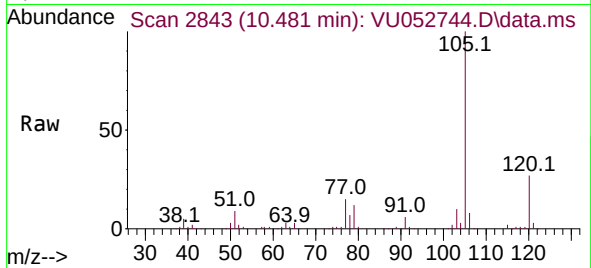




#73
Isopropylbenzene
Concen: 21.342 ug/l
RT: 10.481 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

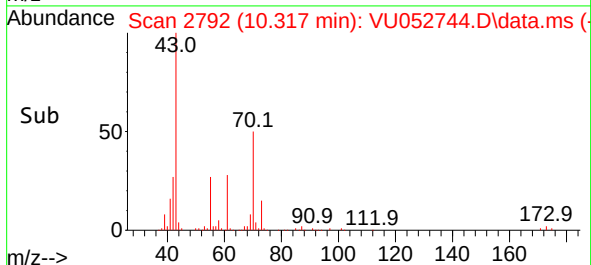
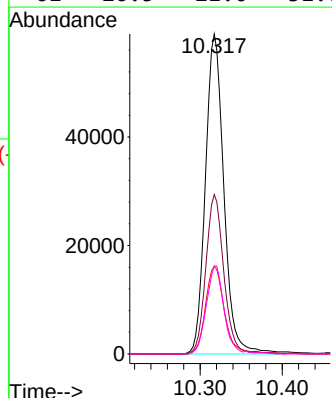
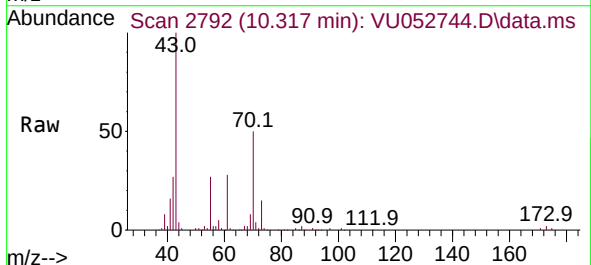
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

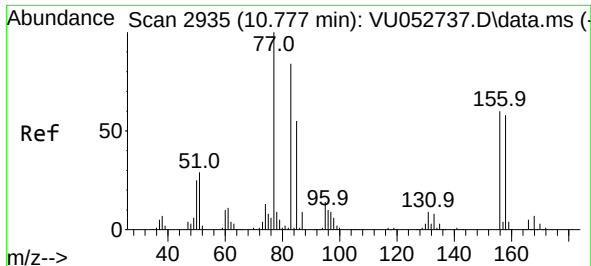
Tgt Ion:105 Resp: 233767
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 22.132 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 43 Resp: 92353
Ion Ratio Lower Upper
43 100
70 48.6 37.9 56.9
55 28.1 21.9 32.9
61 26.5 21.0 31.6

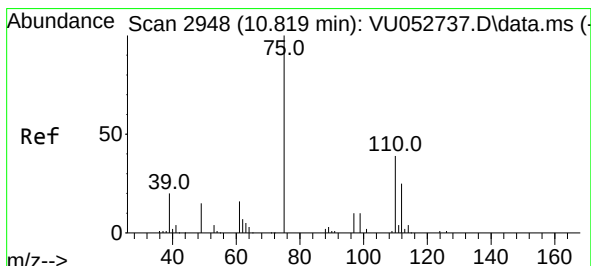
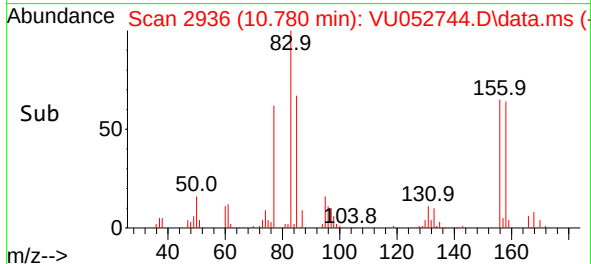
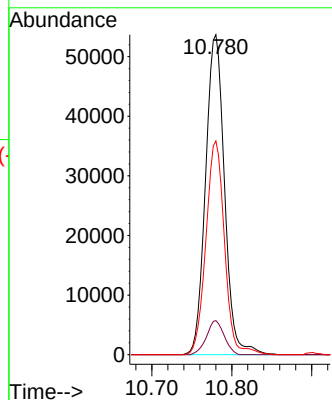
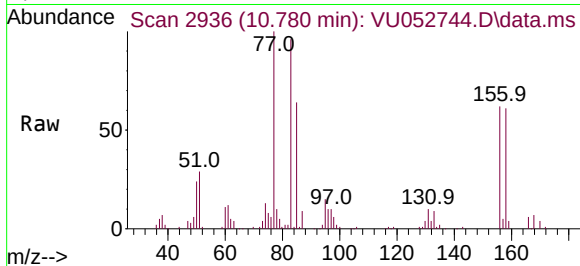




#75
1,1,2,2-Tetrachloroethane
Concen: 20.456 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

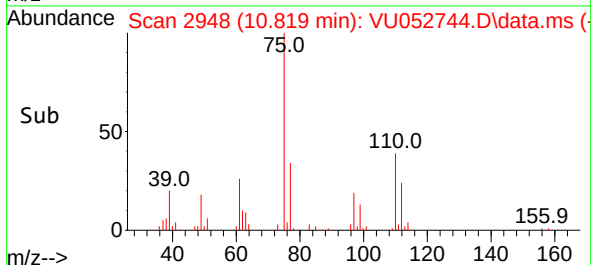
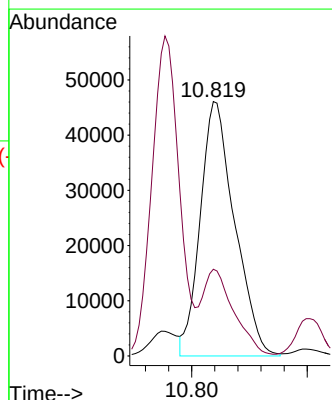
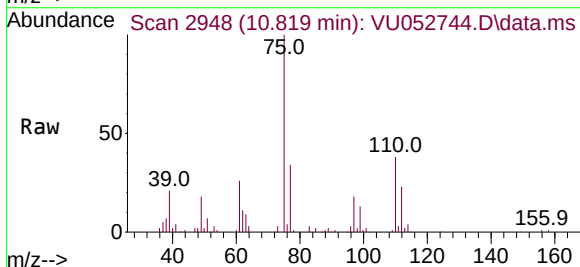
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

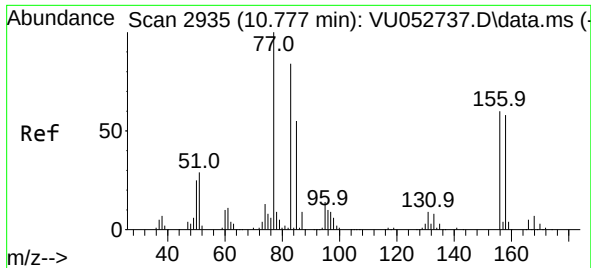
Tgt Ion: 83 Resp: 88769
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 20.991 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 75 Resp: 95243
Ion Ratio Lower Upper
75 100
77 30.0 15.0 45.1

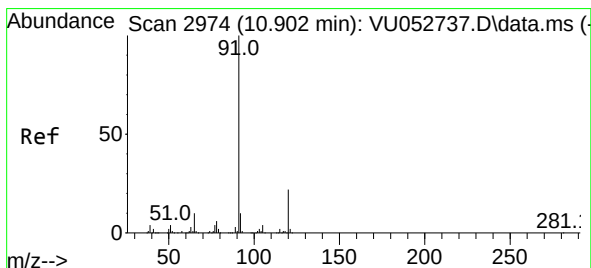
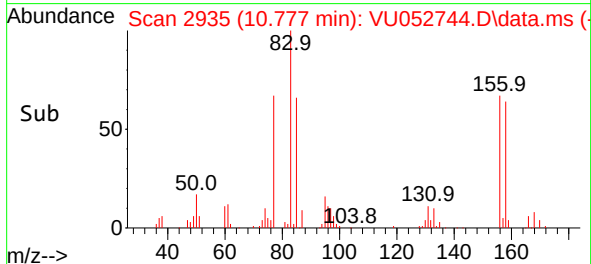
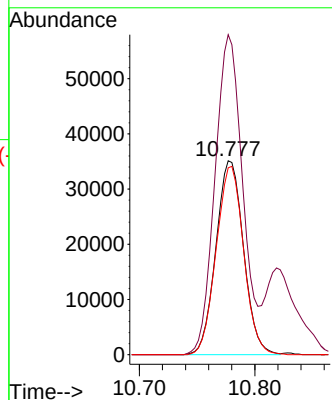
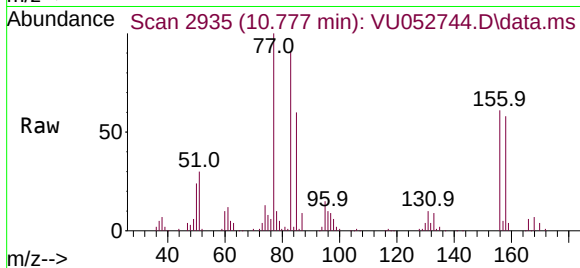




#77
Bromobenzene
Concen: 20.618 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

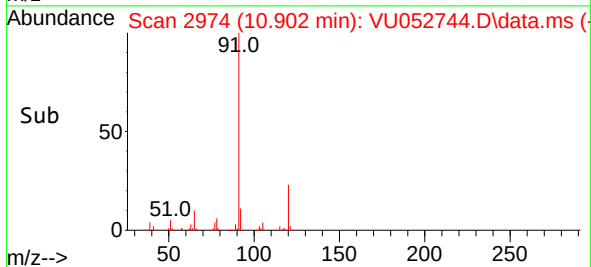
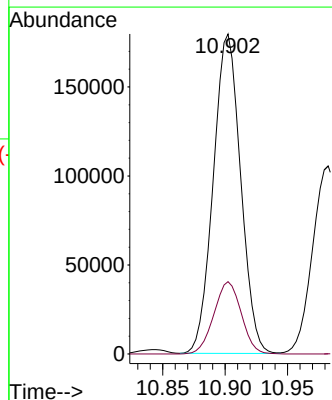
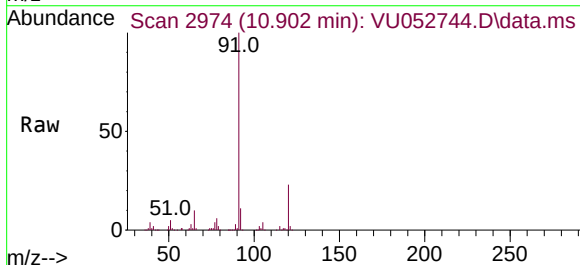
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

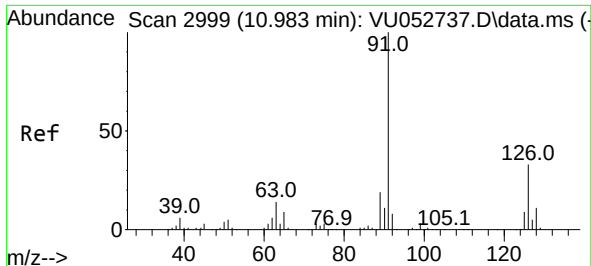
Tgt Ion:156 Resp: 58407
Ion Ratio Lower Upper
156 100
77 163.8 83.8 251.4
158 96.7 48.7 146.1



#78
n-propylbenzene
Concen: 21.261 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 91 Resp: 273890
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

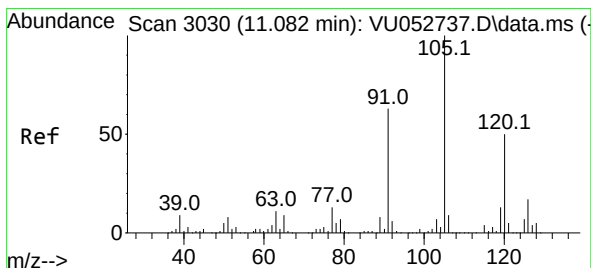
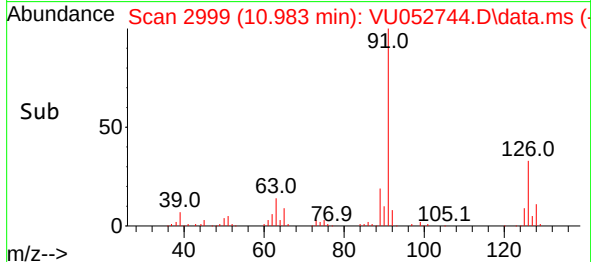
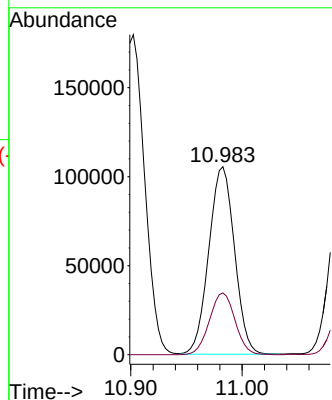
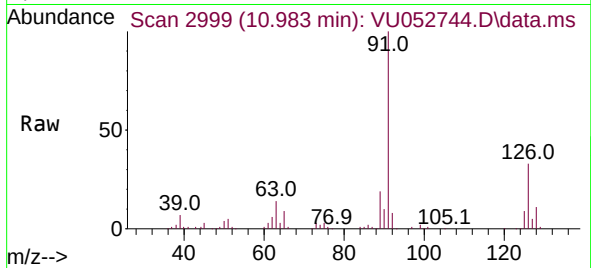




#79
2-Chlorotoluene
Concen: 21.228 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

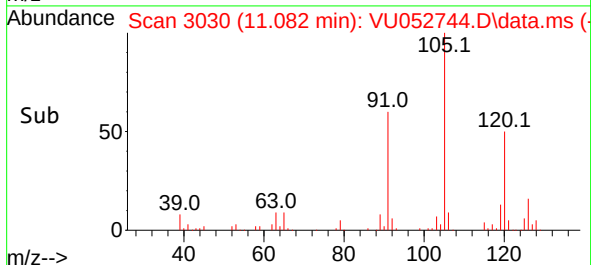
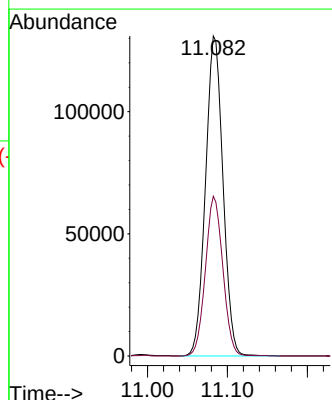
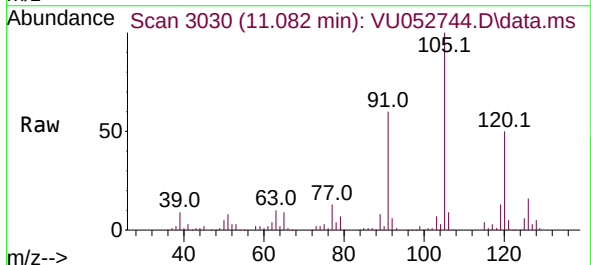
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

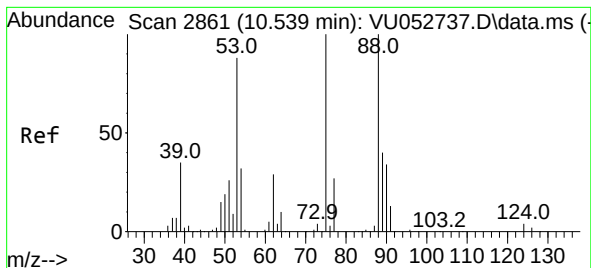
Tgt Ion: 91 Resp: 168984
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.891 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 105 Resp: 199196
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2

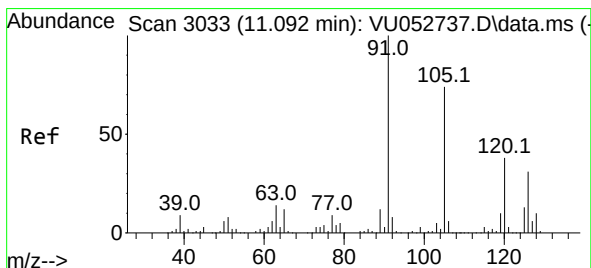
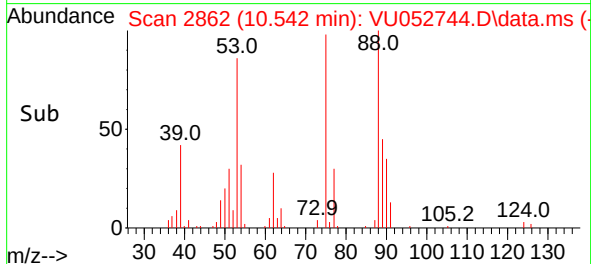
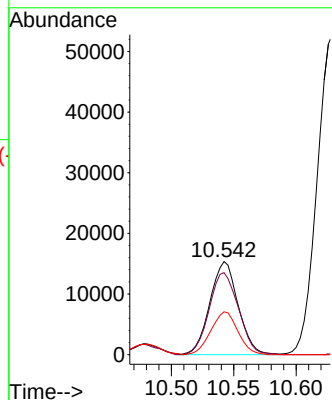
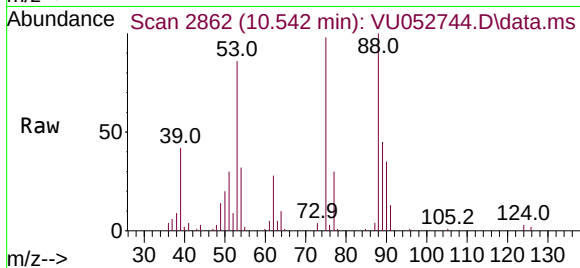




#81
trans-1,4-Dichloro-2-butene
Concen: 20.778 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

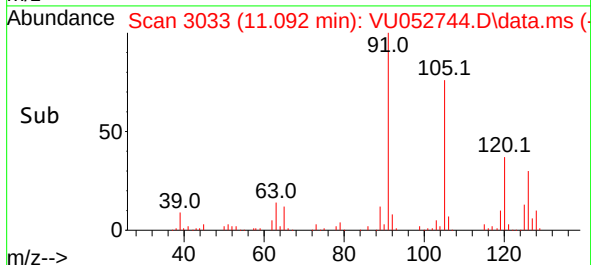
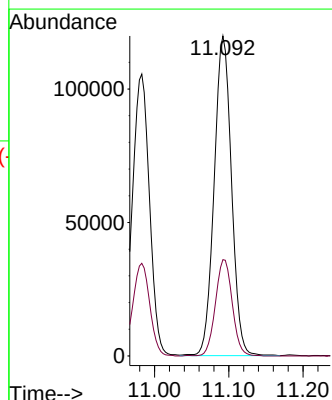
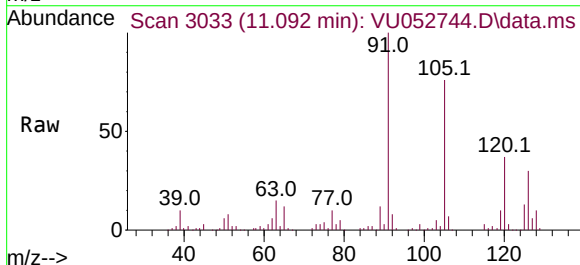
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBSD01

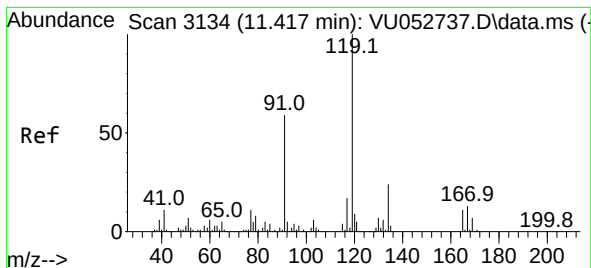
Tgt Ion: 75 Resp: 24261
Ion Ratio Lower Upper
75 100
53 90.9 72.4 108.6
89 44.1 35.0 52.4



#82
4-Chlorotoluene
Concen: 21.354 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052744.D
Acq: 19 Jan 2023 18:44

Tgt Ion: 91 Resp: 193745
Ion Ratio Lower Upper
91 100
126 29.3 14.9 44.7





#83

tert-Butylbenzene

Concen: 21.182 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

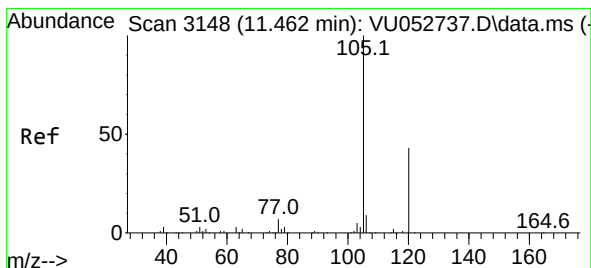
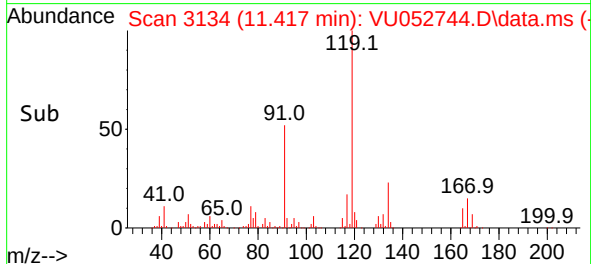
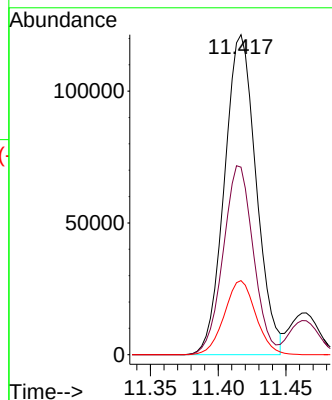
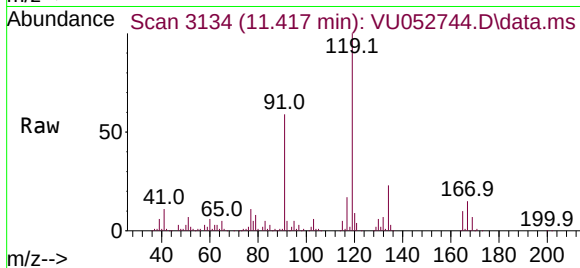
Tgt Ion:119 Resp: 197825

Ion Ratio Lower Upper

119 100

91 56.1 28.4 85.2

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 21.767 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052744.D

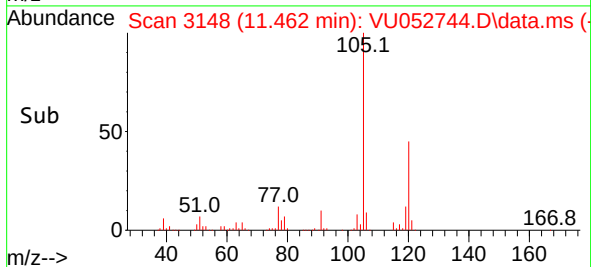
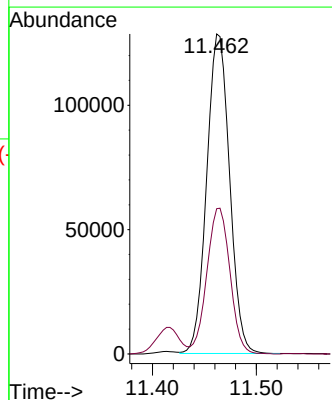
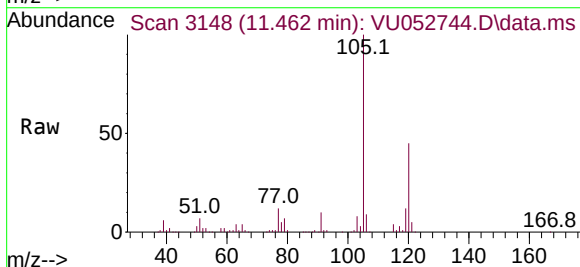
Acq: 19 Jan 2023 18:44

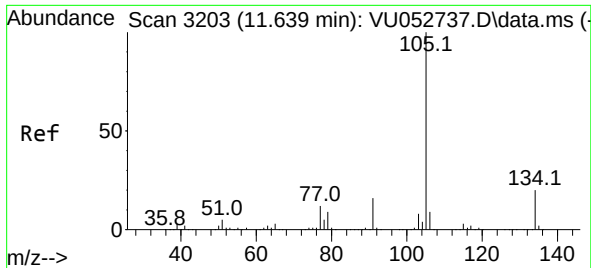
Tgt Ion:105 Resp: 196587

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.5

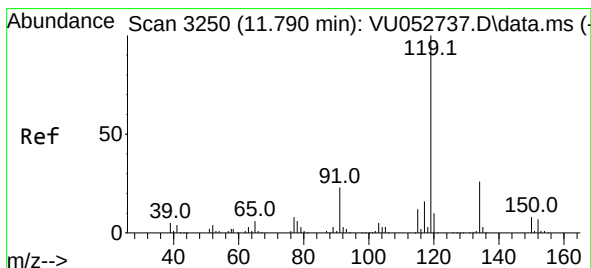
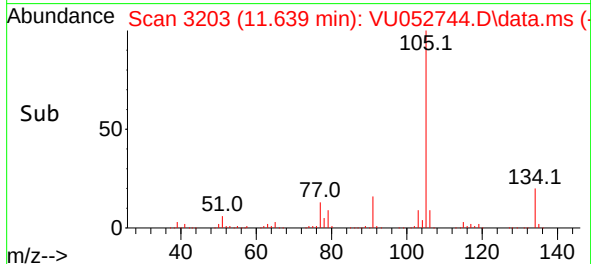
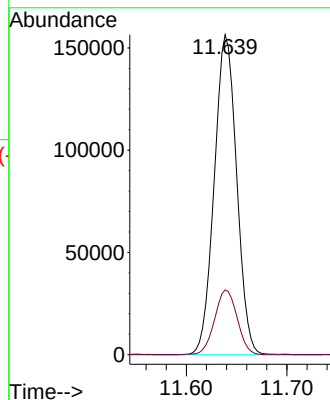
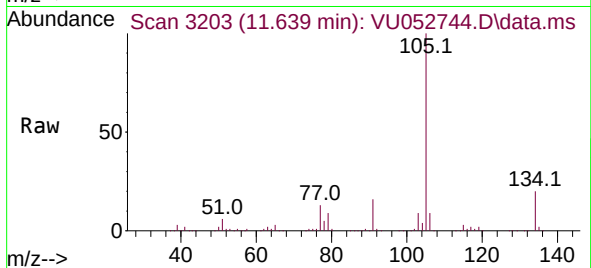




#85
 sec-Butylbenzene
 Concen: 21.182 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

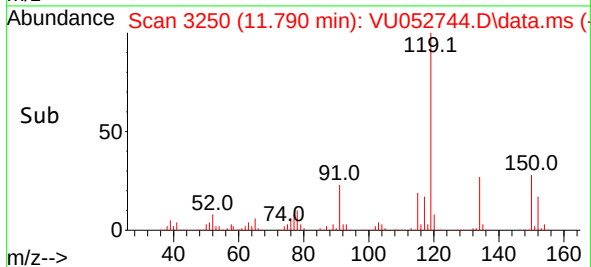
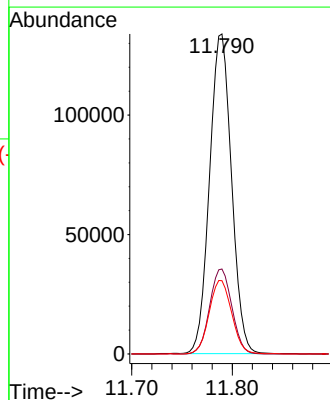
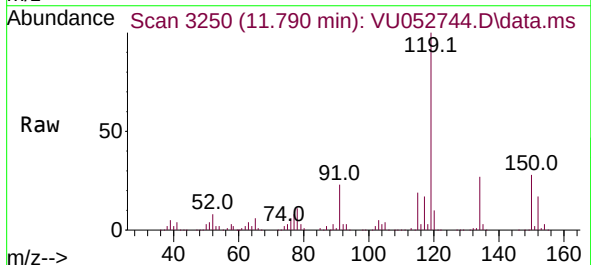
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBSD01

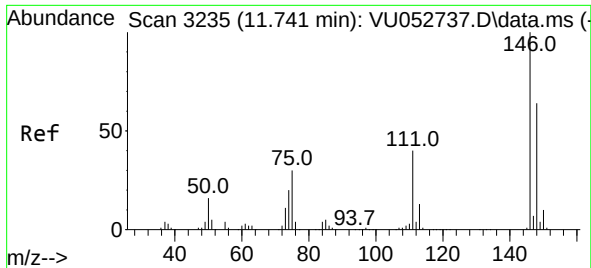
Tgt Ion:105 Resp: 242162
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.861 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052744.D
 Acq: 19 Jan 2023 18:44

Tgt Ion:119 Resp: 202792
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 23.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.690 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

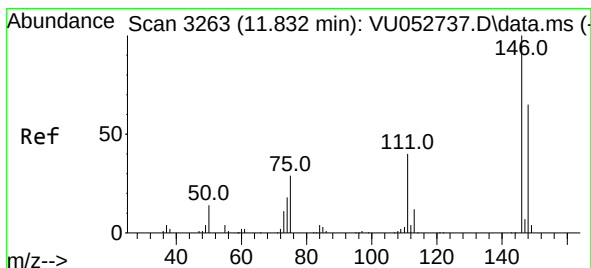
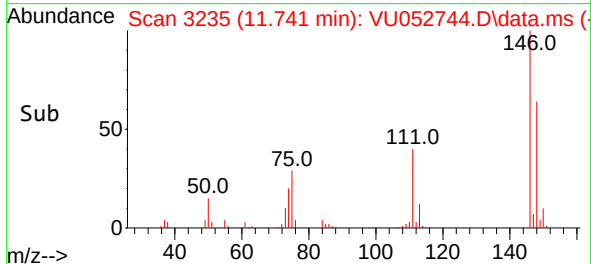
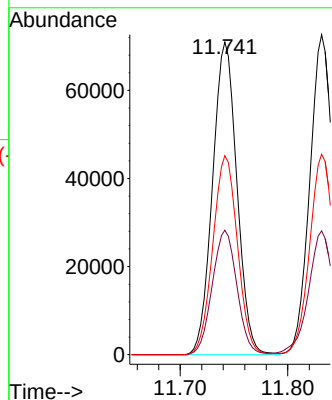
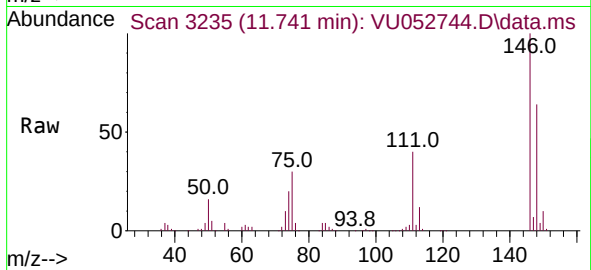
Tgt Ion:146 Resp: 111727

Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 64.4 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 20.267 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

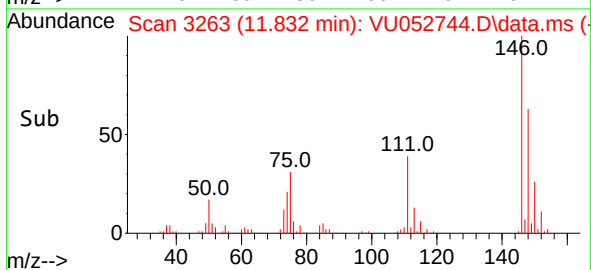
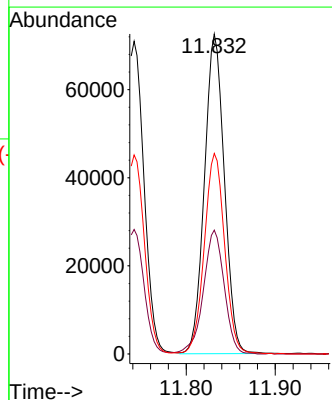
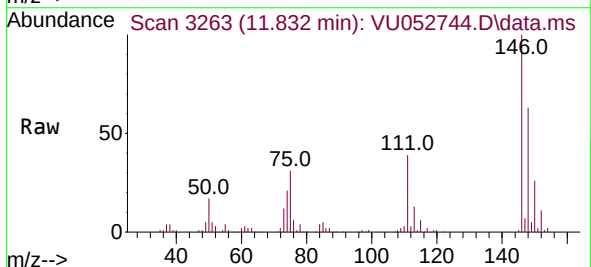
Tgt Ion:146 Resp: 112525

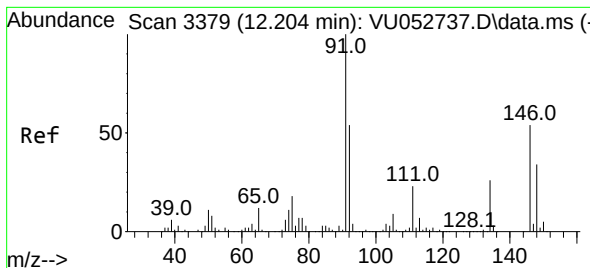
Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 19.468 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

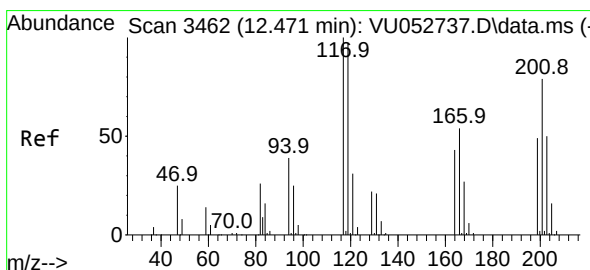
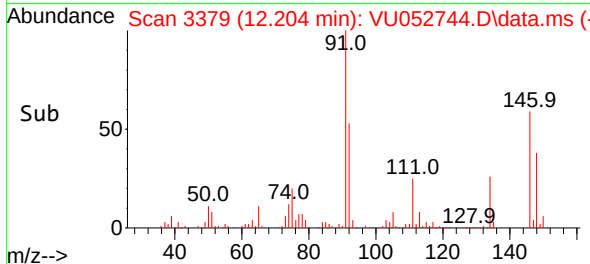
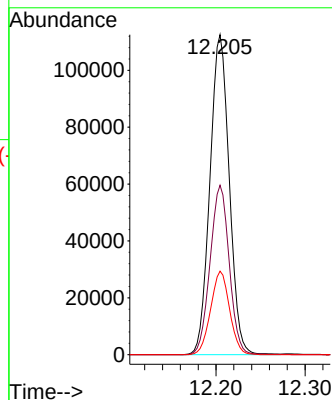
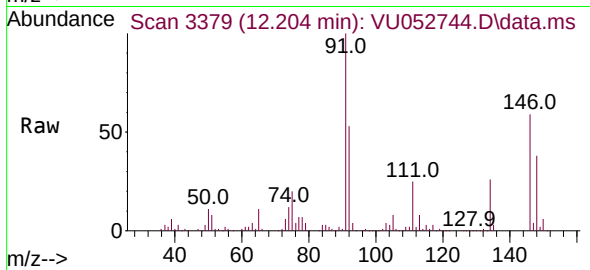
Tgt Ion: 91 Resp: 169213

Ion Ratio Lower Upper

91 100

92 52.5 26.8 80.3

134 25.6 13.1 39.3



#90

Hexachloroethane

Concen: 19.536 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052744.D

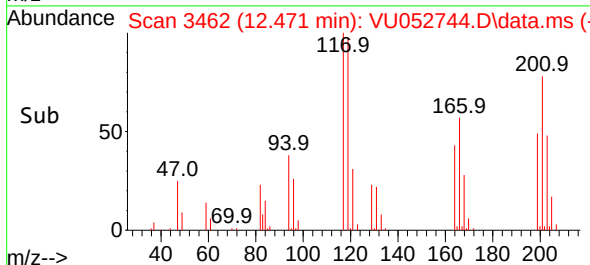
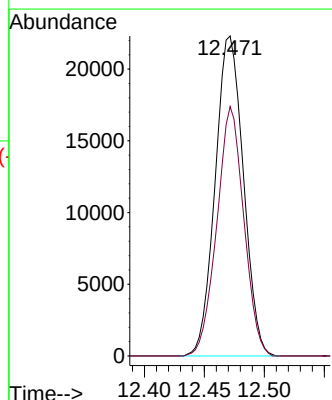
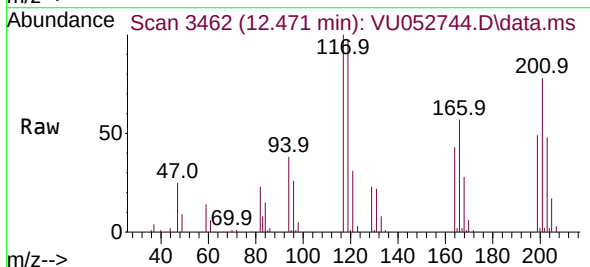
Acq: 19 Jan 2023 18:44

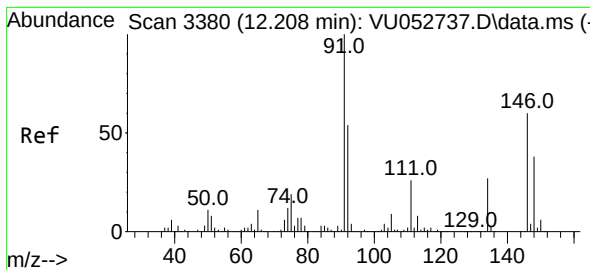
Tgt Ion: 117 Resp: 36436

Ion Ratio Lower Upper

117 100

201 74.5 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 20.546 ug/l

RT: 12.208 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

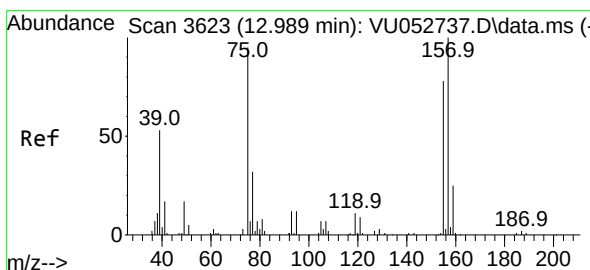
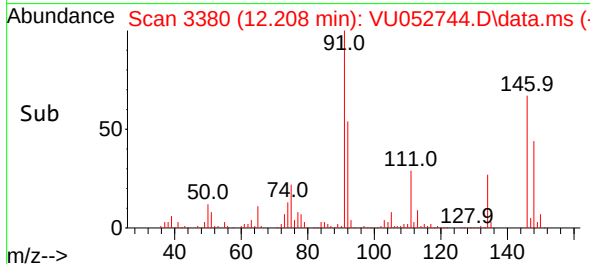
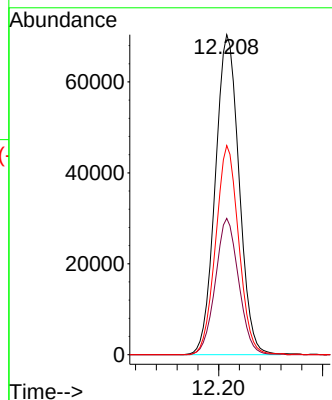
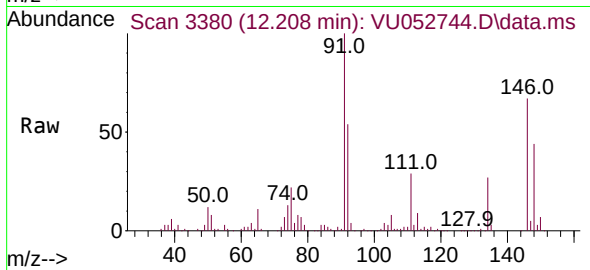
Tgt Ion:146 Resp: 111885

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.1

148 63.4 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.056 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

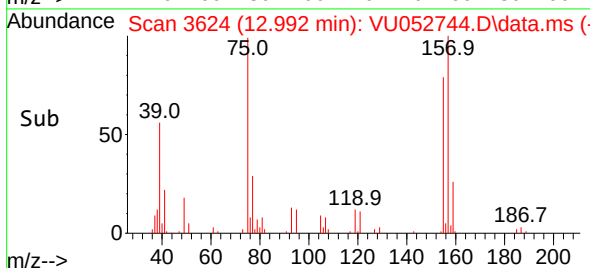
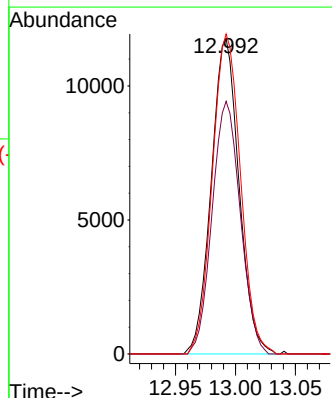
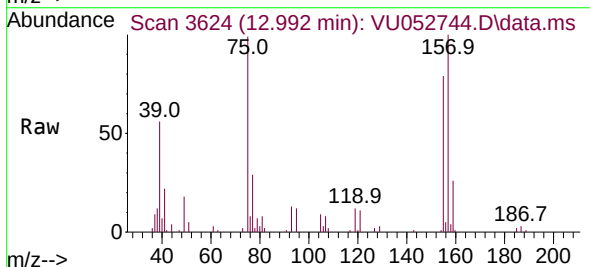
Tgt Ion: 75 Resp: 18960

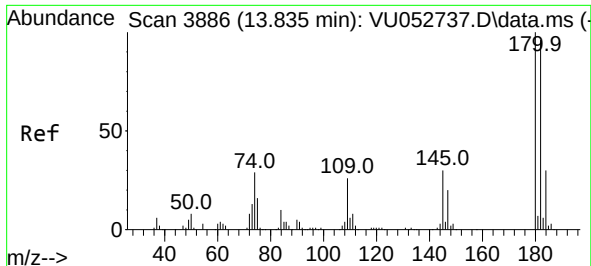
Ion Ratio Lower Upper

75 100

155 81.1 41.4 124.4

157 103.0 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 20.854 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

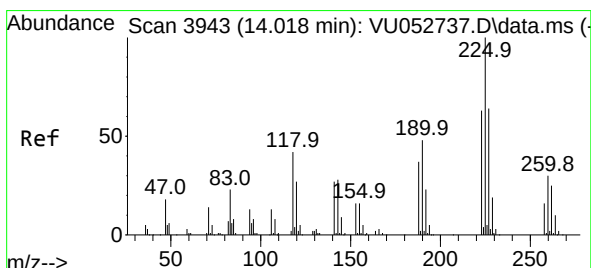
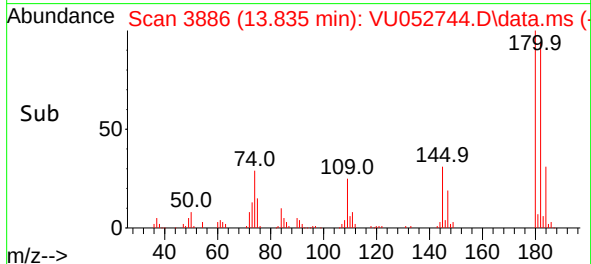
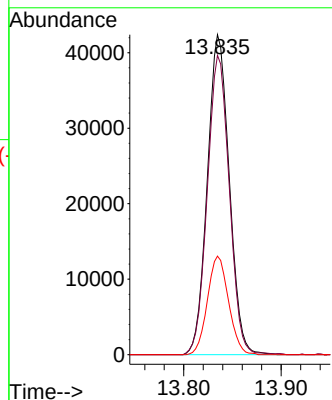
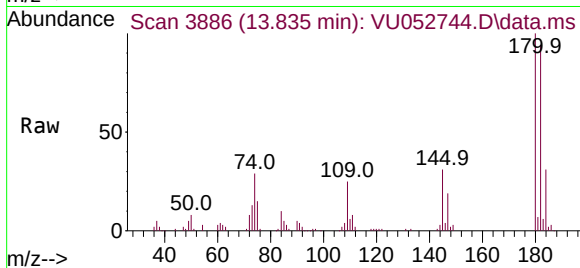
Tgt Ion:180 Resp: 66324

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.3

145 29.6 14.9 44.5



#94

Hexachlorobutadiene

Concen: 19.502 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

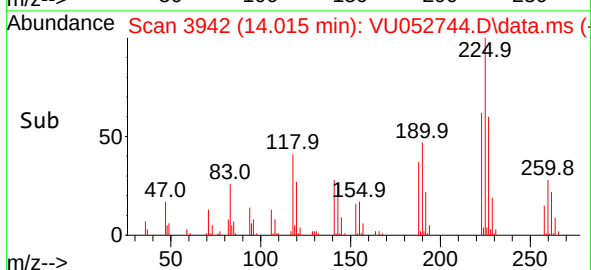
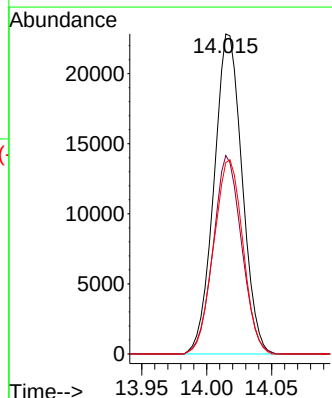
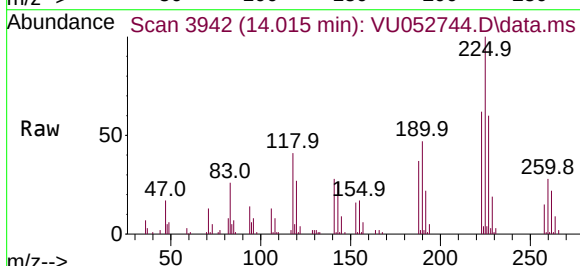
Tgt Ion:225 Resp: 34380

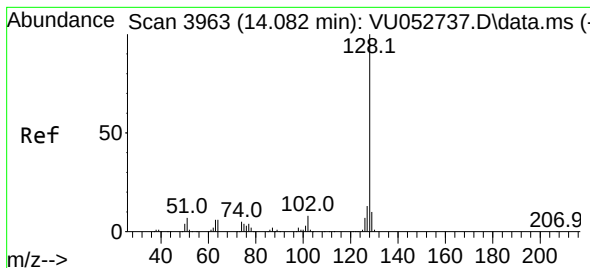
Ion Ratio Lower Upper

225 100

223 62.8 31.8 95.3

227 63.2 31.8 95.4





#95

Naphthalene

Concen: 20.344 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBSD01

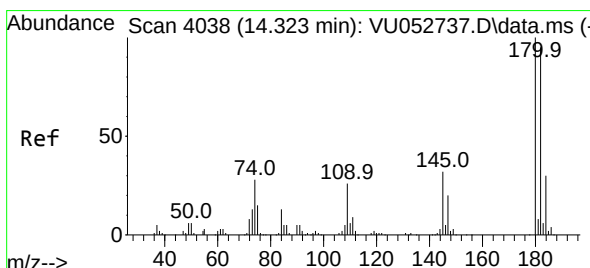
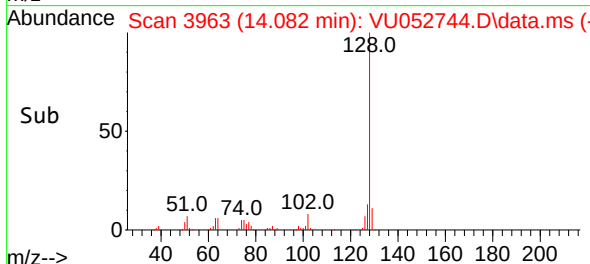
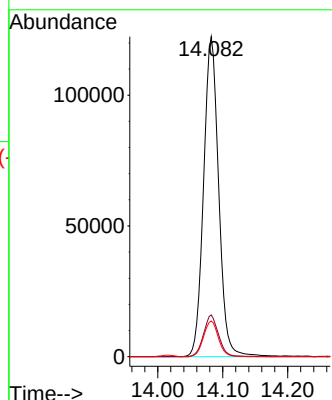
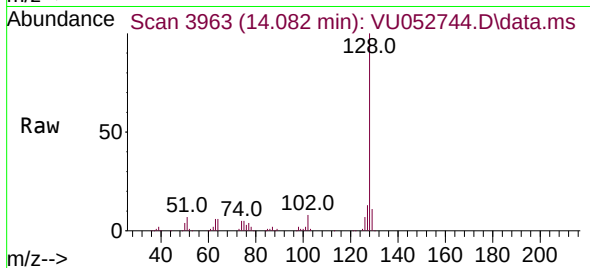
Tgt Ion:128 Resp: 198378

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.150 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU052744.D

Acq: 19 Jan 2023 18:44

Tgt Ion:180 Resp: 66778

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.3

145 30.3 15.8 47.4

