

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052743.D
 Acq On : 19 Jan 2023 18:20
 Operator : JC/MD
 Sample : VU0119WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

Quant Time: Jan 20 01:12:10 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	214012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	356142	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	327937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	170600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153784	49.895	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.285	113	123707	49.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	7.893	98	459356	49.393	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	10.629	95	166272	48.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48972	19.406	ug/l	96
3) Chloromethane	1.520	50	50491	19.478	ug/l	99
4) Vinyl Chloride	1.604	62	51500	19.920	ug/l	99
5) Bromomethane	1.858	94	26296	20.603	ug/l	100
6) Chloroethane	1.932	64	32066	19.621	ug/l	96
7) Trichlorofluoromethane	2.134	101	78070	19.614	ug/l	98
8) Diethyl Ether	2.375	74	29491	20.354	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.578	101	45597	19.810	ug/l	97
10) Methyl Iodide	2.719	142	40282	22.255	ug/l	99
11) Tert butyl alcohol	3.227	59	10569	20.125	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	44755	19.660	ug/l	97
13) Acrolein	2.488	56	47800	96.569	ug/l	100
14) Allyl chloride	2.922	41	73835	20.592	ug/l	99
15) Acrylonitrile	3.314	53	147621	101.874	ug/l	99
16) Acetone	2.639	43	147302	100.277	ug/l	98
17) Carbon Disulfide	2.790	76	130535	19.138	ug/l	100
18) Methyl Acetate	2.948	43	82055	20.183	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	156597	20.305	ug/l	99
20) Methylene Chloride	3.044	84	54704	19.866	ug/l	99
21) trans-1,2-Dichloroethene	3.349	96	49029	19.980	ug/l	95
22) Diisopropyl ether	3.986	45	156573	20.998	ug/l	93
23) Vinyl Acetate	3.948	43	594700	103.942	ug/l	100
24) 1,1-Dichloroethane	3.864	63	93881	19.851	ug/l	100
25) 2-Butanone	4.703	43	195941	103.427	ug/l	100
26) 2,2-Dichloropropane	4.658	77	76658	19.759	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	57161	21.220	ug/l	100
28) Bromochloromethane	4.970	49	41273	20.908	ug/l	98
29) Tetrahydrofuran	5.054	42	116414	105.854	ug/l	99
30) Chloroform	5.083	83	97030	19.194	ug/l	99
31) Cyclohexane	5.382	56	87031	20.152	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	83893	20.261	ug/l	99
36) 1,1-Dichloropropene	5.523	75	69484	19.528	ug/l	99
37) Ethyl Acetate	4.800	43	71369	18.452	ug/l	97
38) Carbon Tetrachloride	5.520	117	71811	19.617	ug/l	99
39) Methylcyclohexane	6.761	83	81037	19.572	ug/l	97
40) Benzene	5.771	78	210818	19.622	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	37798	20.200	ug/l	98
42) 1,2-Dichloroethane	5.790	62	78030	20.114	ug/l	99
43) Isopropyl Acetate	5.906	43	107075	19.861	ug/l	99
44) Trichloroethene	6.539	130	52147	19.623	ug/l	99
45) 1,2-Dichloropropane	6.787	63	54530	19.678	ug/l	99
46) Dibromomethane	6.912	93	37474	19.527	ug/l	99
47) Bromodichloromethane	7.102	83	73730	19.200	ug/l	100
48) Methyl methacrylate	6.957	41	51738	21.060	ug/l	95
49) 1,4-Dioxane	7.025	88	20426	429.085	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	357590	102.482	ug/l	99
52) Toluene	7.963	92	132038	20.321	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	78448	19.557	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	83608	19.543	ug/l	100
55) 1,1,2-Trichloroethane	8.394	97	51118	19.273	ug/l	95
56) Ethyl methacrylate	8.330	69	76430	19.435	ug/l	99
57) 1,3-Dichloropropane	8.571	76	93787	20.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	8413	74.192	ug/l	98
59) 2-Hexanone	8.684	43	278724	103.691	ug/l	100
60) Dibromochloromethane	8.806	129	56181	19.289	ug/l	100
61) 1,2-Dibromoethane	8.918	107	55969	20.100	ug/l	100
64) Tetrachloroethene	8.549	164	44918	19.716	ug/l	98
65) Chlorobenzene	9.443	112	136883	19.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	50476	19.404	ug/l	98
67) Ethyl Benzene	9.565	91	237111	20.219	ug/l	99
68) m/p-Xylenes	9.690	106	188031	41.285	ug/l	100
69) o-Xylene	10.095	106	90195	20.744	ug/l	97
70) Styrene	10.111	104	148749	19.579	ug/l	99
71) Bromoform	10.285	173	42338	19.488	ug/l #	99
73) Isopropylbenzene	10.481	105	235657	20.968	ug/l	98
74) N-amyl acetate	10.317	43	89791	20.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	87292	19.604	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	92551	19.880	ug/l	97
77) Bromobenzene	10.777	156	57741	19.865	ug/l	99
78) n-propylbenzene	10.902	91	277799	21.017	ug/l	100
79) 2-Chlorotoluene	10.983	91	169357	20.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.082	105	198800	21.292	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	22834	19.059	ug/l	96
82) 4-Chlorotoluene	11.092	91	191420	20.561	ug/l	99
83) tert-Butylbenzene	11.417	119	197038	20.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	196631	21.218	ug/l	99
85) sec-Butylbenzene	11.639	105	248037	21.144	ug/l	99
86) p-Isopropyltoluene	11.790	119	208953	20.948	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	109513	19.765	ug/l	100
88) 1,4-Dichlorobenzene	11.831	146	111414	19.557	ug/l	99
89) n-Butylbenzene	12.204	91	166977	18.816	ug/l	99
90) Hexachloroethane	12.471	117	34891	18.232	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	109967	19.680	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.992	75	18077	19.565	ug/l	98
93) 1,2,4-Trichlorobenzene	13.835	180	62201	19.060	ug/l	98
94) Hexachlorobutadiene	14.018	225	34555	19.103	ug/l	98
95) Naphthalene	14.082	128	184491	18.673	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	64677	19.964	ug/l	99

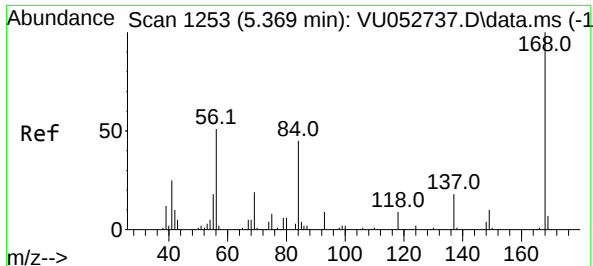
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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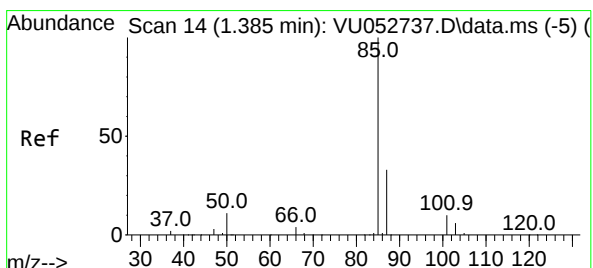
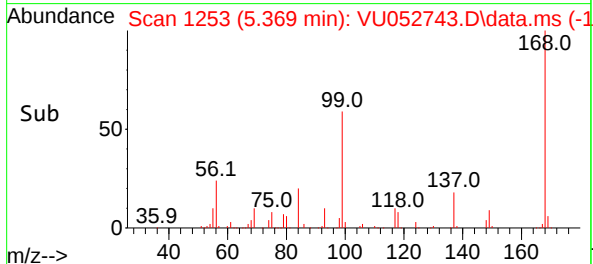
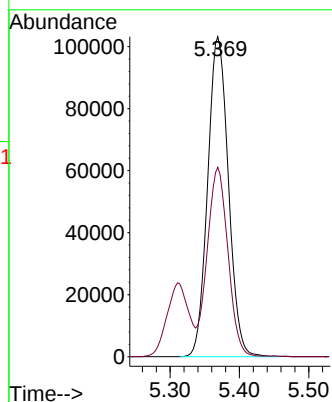
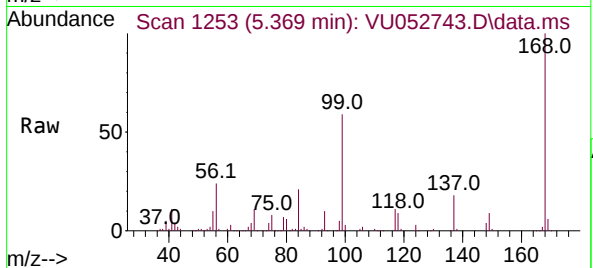
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

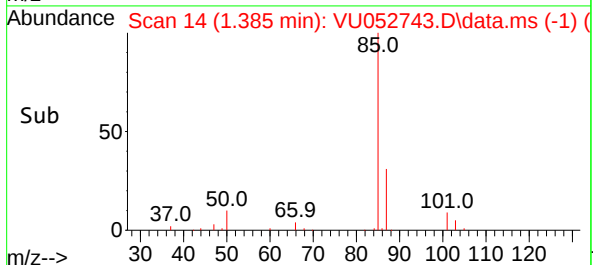
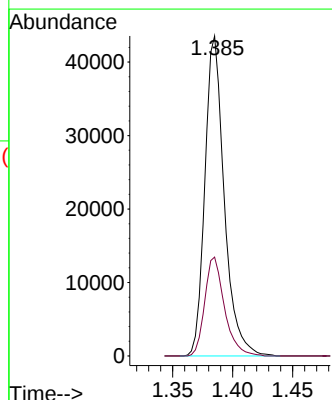
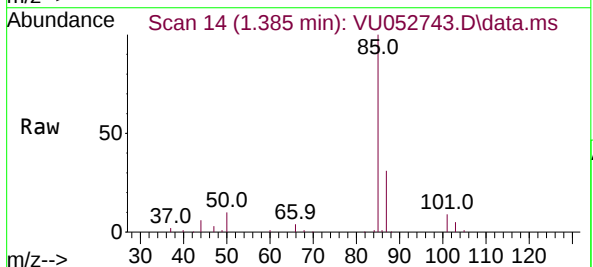
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ClientSampleId :
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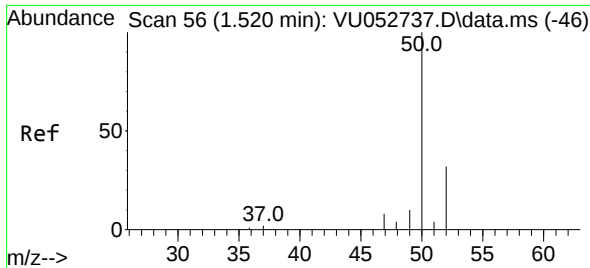
Tgt Ion:168 Resp: 214012
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 19.406 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 85 Resp: 48972
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.7

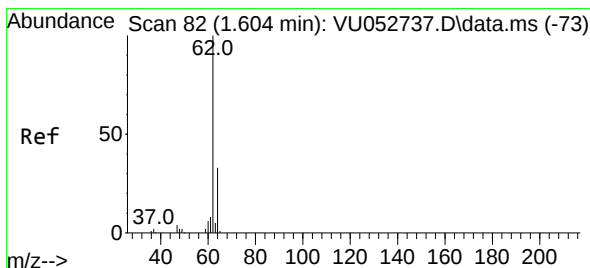
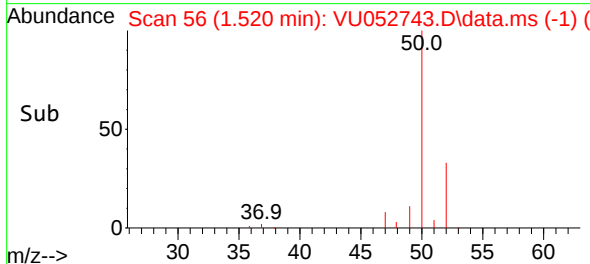
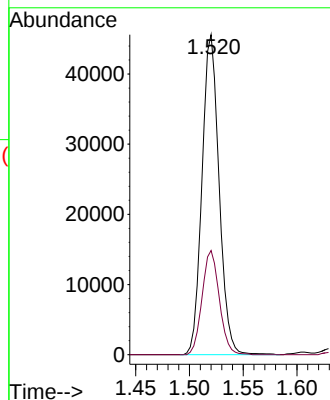
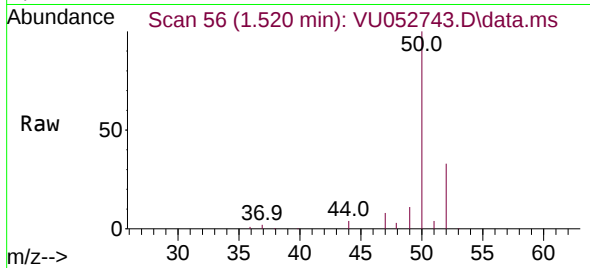




#3
Chloromethane
Concen: 19.478 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

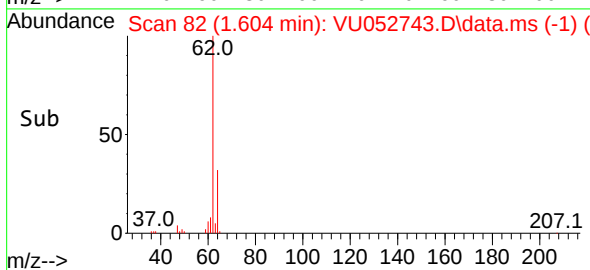
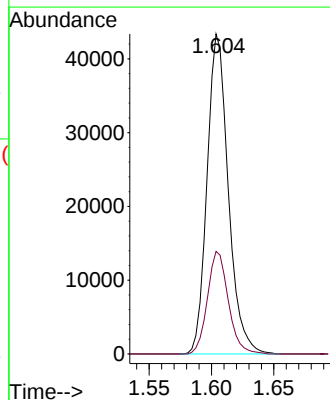
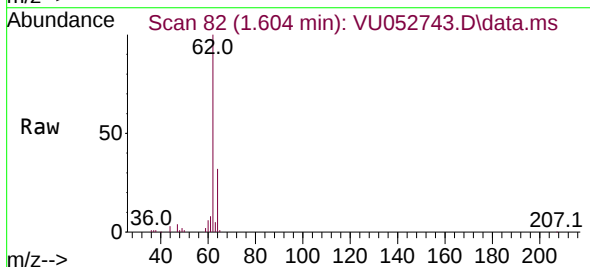
Instrument :
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ClientSampleId :
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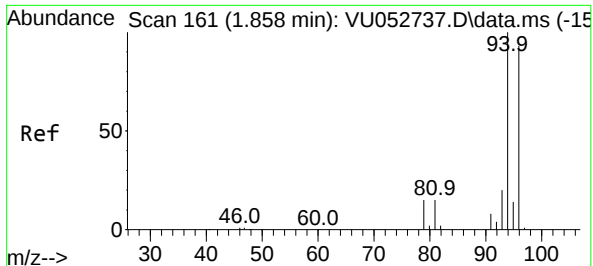
Tgt Ion: 50 Resp: 50491
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6



#4
Vinyl Chloride
Concen: 19.920 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 62 Resp: 51500
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

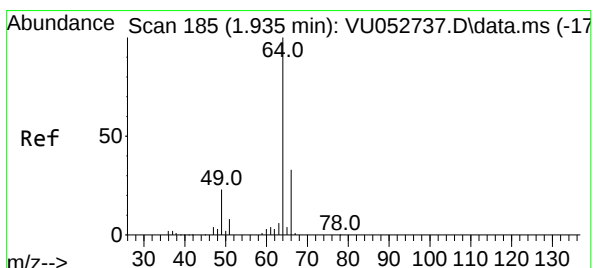
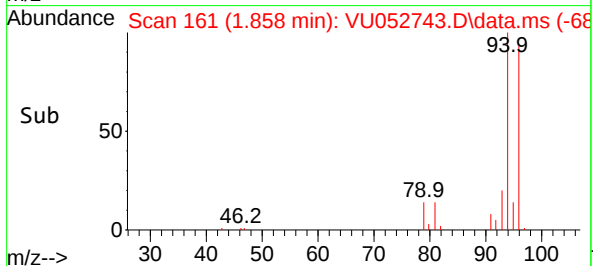
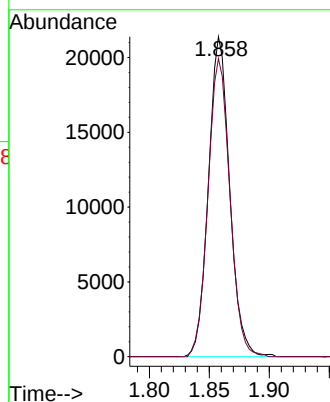
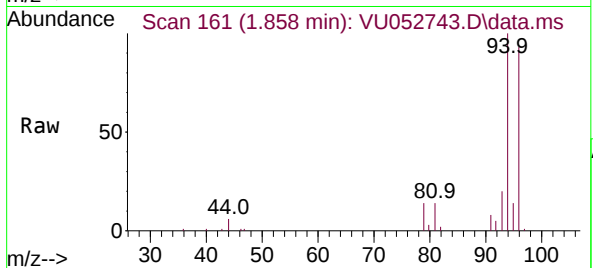




#5
Bromomethane
Concen: 20.603 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

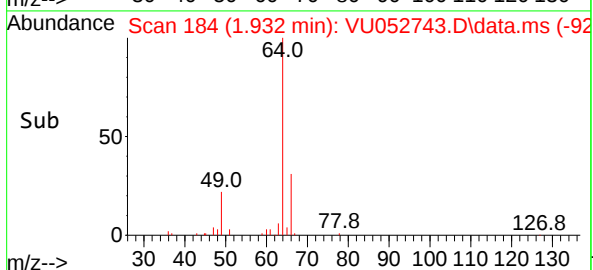
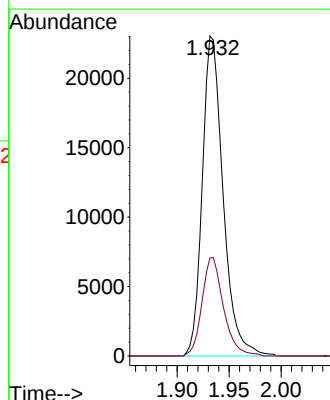
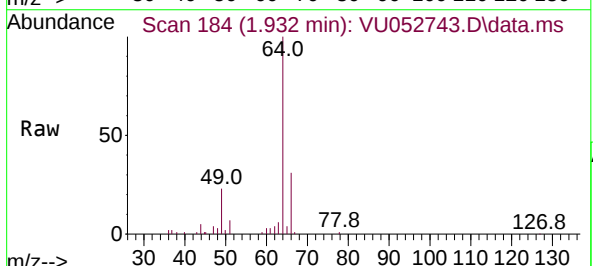
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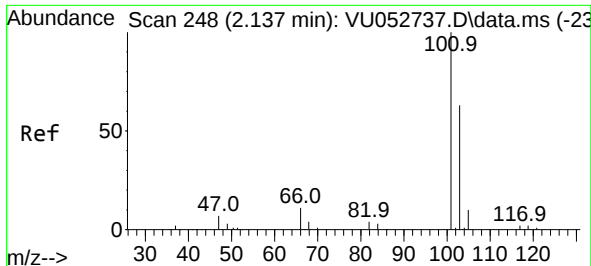
Tgt Ion: 94 Resp: 26296
Ion Ratio Lower Upper
94 100
96 93.2 74.3 111.5



#6
Chloroethane
Concen: 19.621 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 64 Resp: 32066
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1

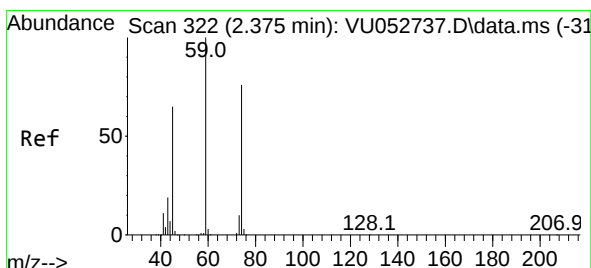
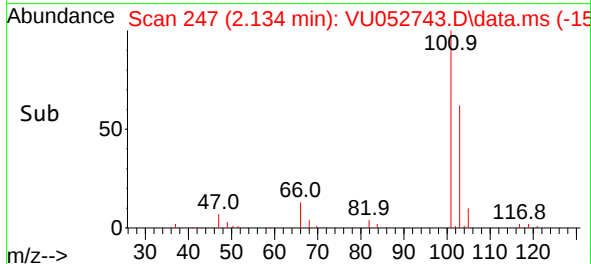
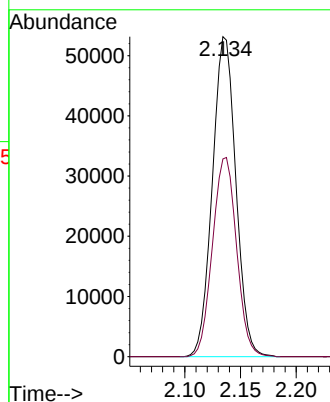
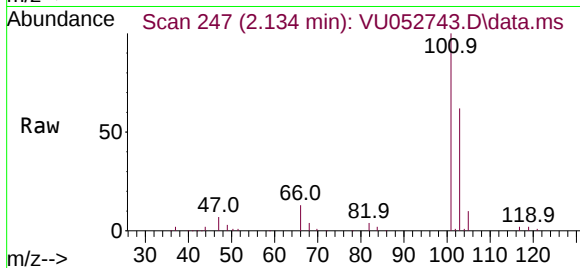




#7
 Trichlorofluoromethane
 Concen: 19.614 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

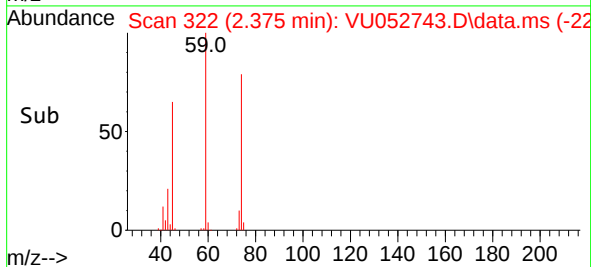
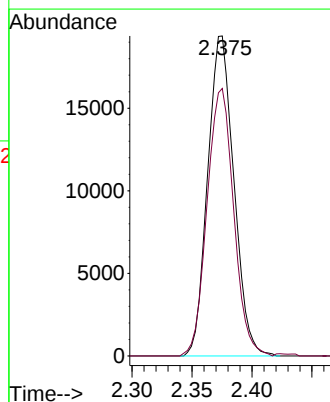
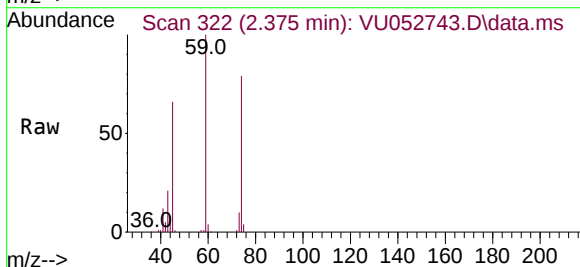
Instrument :
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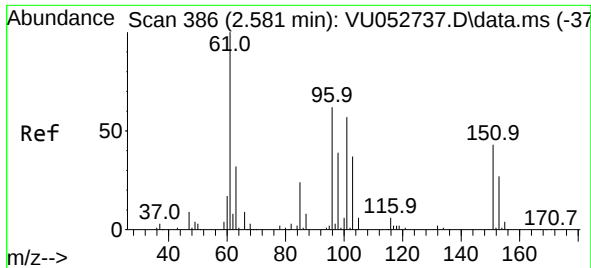
Tgt Ion:101 Resp: 78070
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.354 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 74 Resp: 29491
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.4 127.3

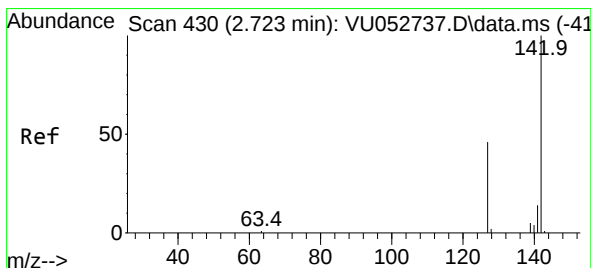
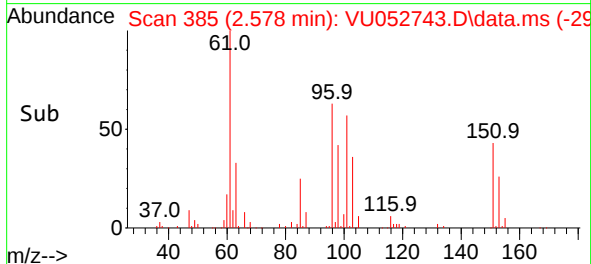
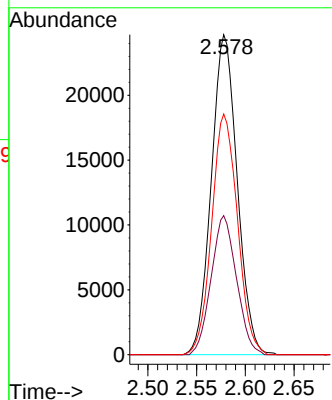
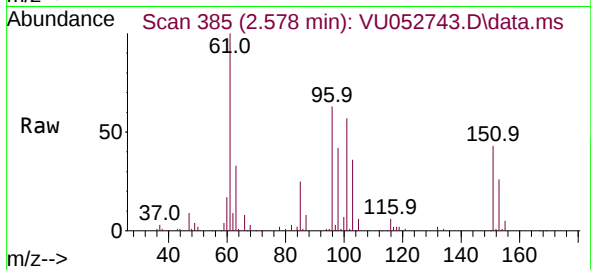




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.810 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052743.D
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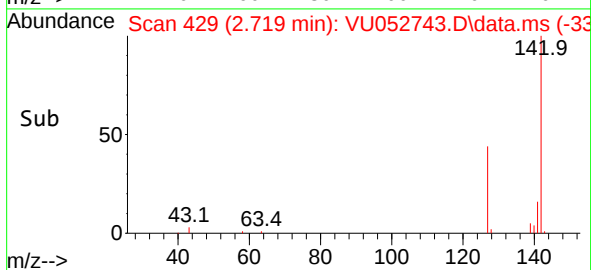
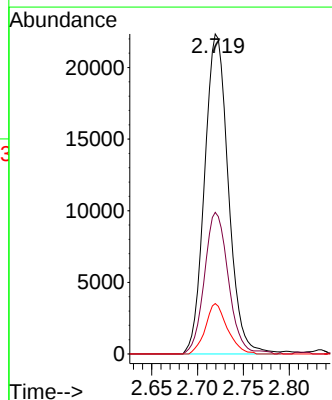
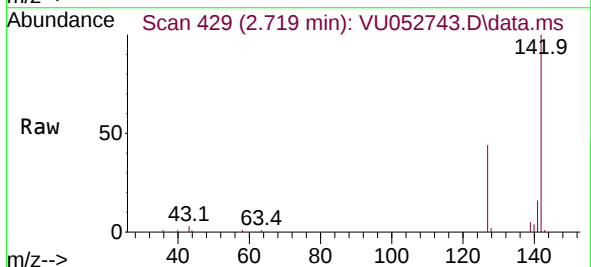
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

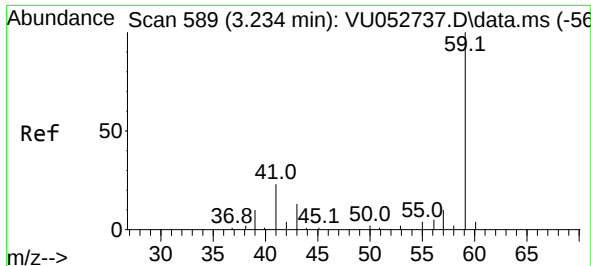
Tgt Ion:101	Resp:	45597
Ion Ratio	Lower	Upper
101	100	
85	42.6	35.1 52.7
151	74.9	61.9 92.9



#10
Methyl Iodide
Concen: 22.255 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:142	Resp:	40282
Ion Ratio	Lower	Upper
142	100	
127	44.8	36.3 54.5
141	14.5	11.8 17.6





#11

Tert butyl alcohol

Concen: 20.125 ug/l

RT: 3.227 min Scan# 589

Delta R.T. -0.006 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

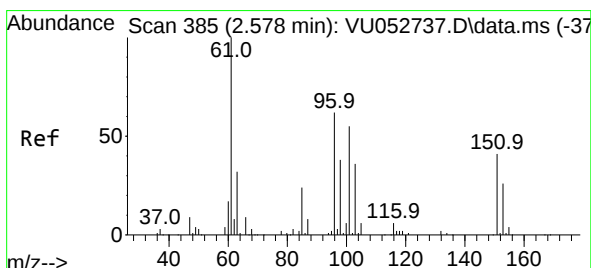
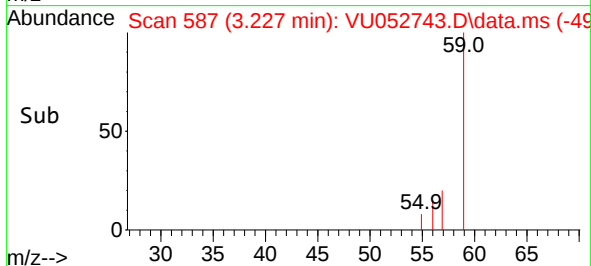
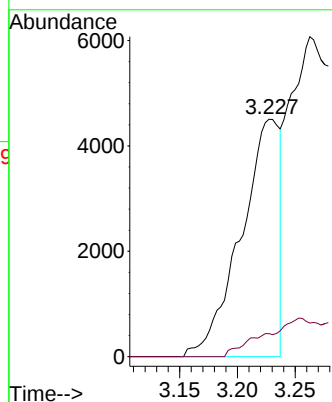
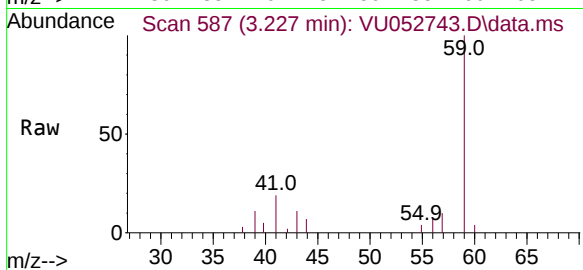
VU0119WBS01

Tgt Ion: 59 Resp: 10569

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.660 ug/l

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

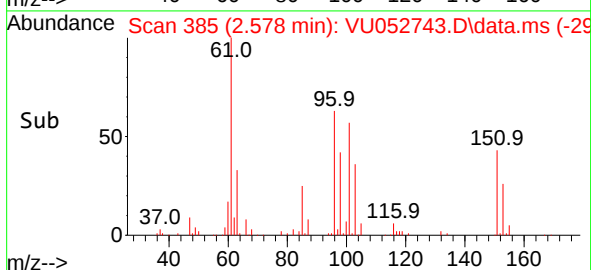
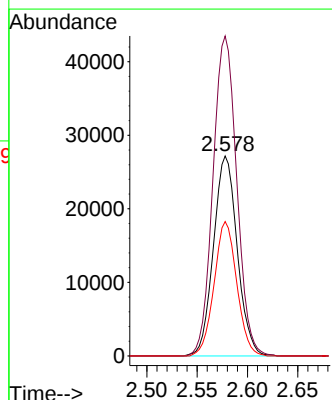
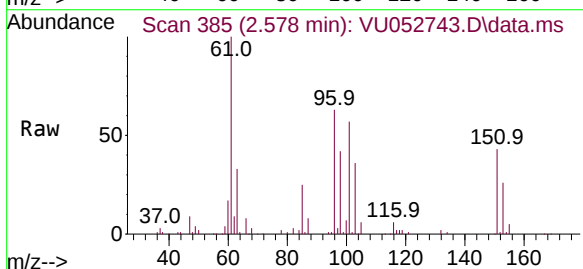
Tgt Ion: 96 Resp: 44755

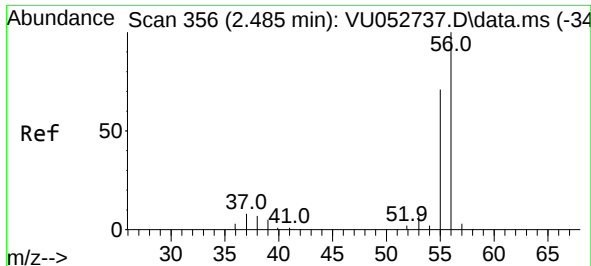
Ion Ratio Lower Upper

96 100

61 160.0 129.8 194.6

98 67.2 49.9 74.9





#13

Acrolein

Concen: 96.569 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

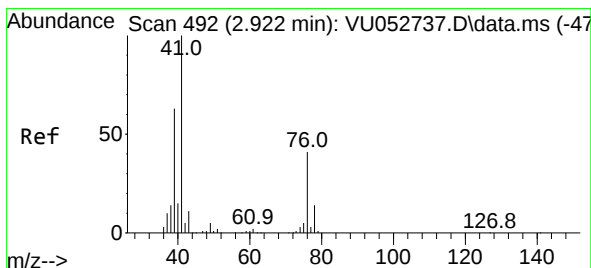
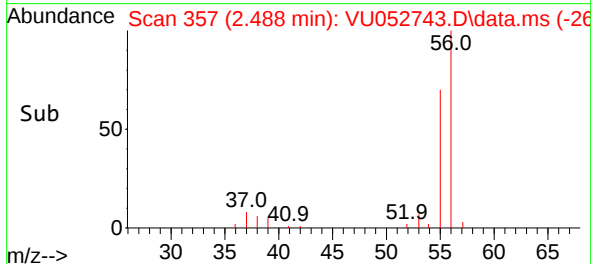
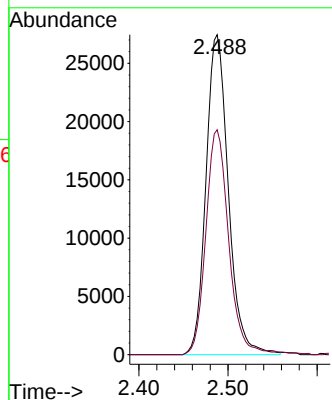
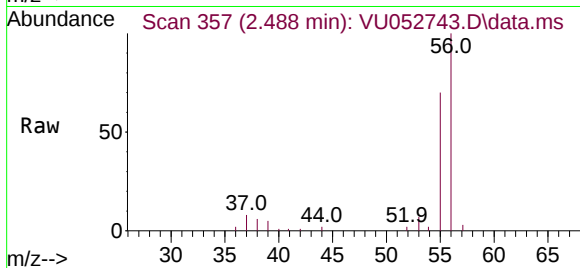
VU0119WBS01

Tgt Ion: 56 Resp: 47800

Ion Ratio Lower Upper

56 100

55 71.3 57.2 85.8



#14

Allyl chloride

Concen: 20.592 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

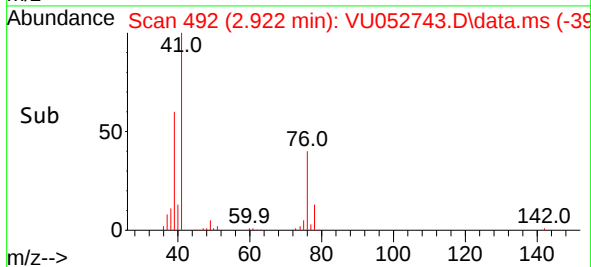
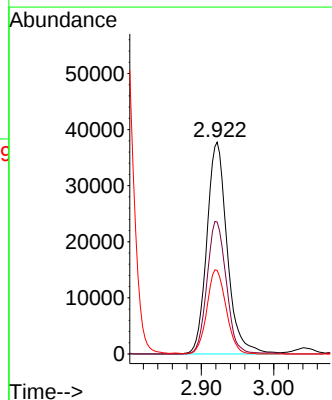
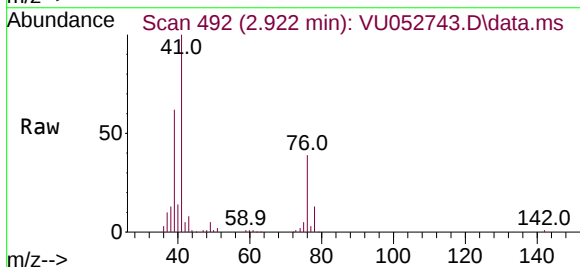
Tgt Ion: 41 Resp: 73835

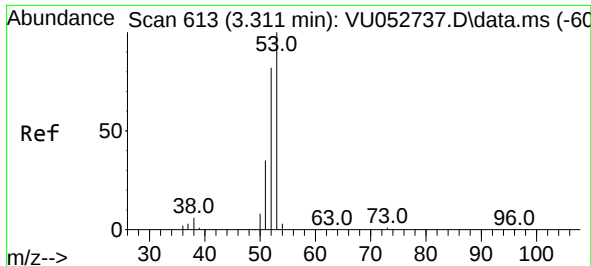
Ion Ratio Lower Upper

41 100

39 59.1 48.2 72.2

76 37.4 29.4 44.0

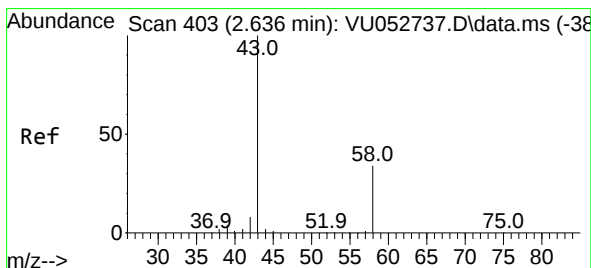
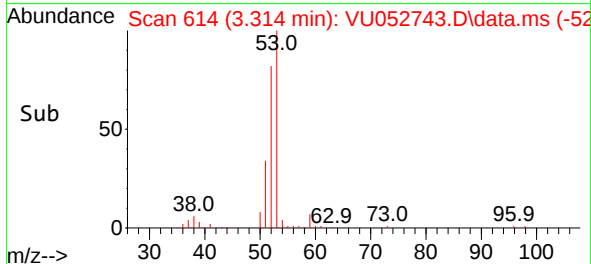
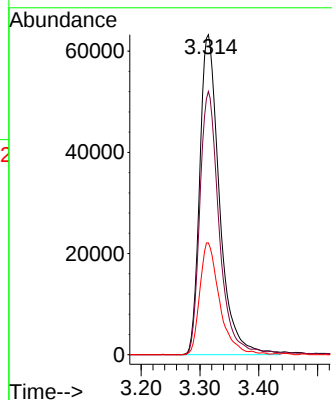
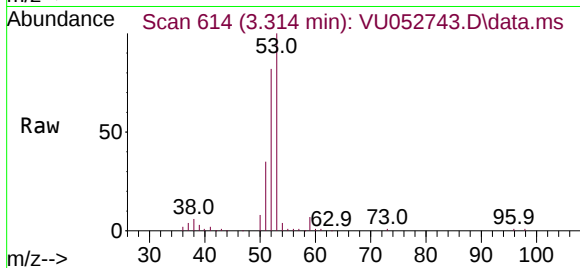




#15
Acrylonitrile
Concen: 101.874 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

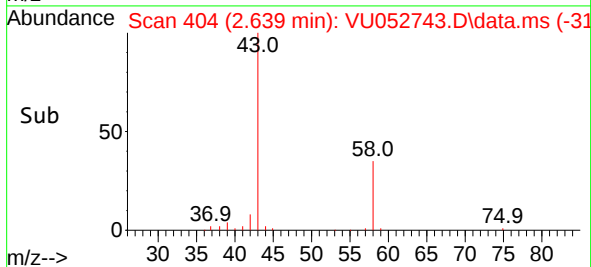
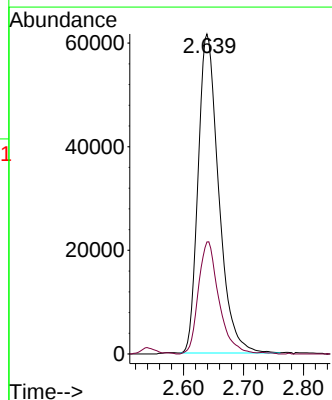
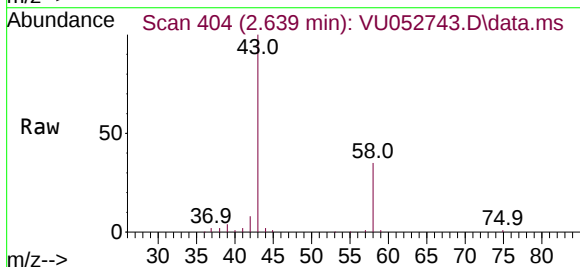
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

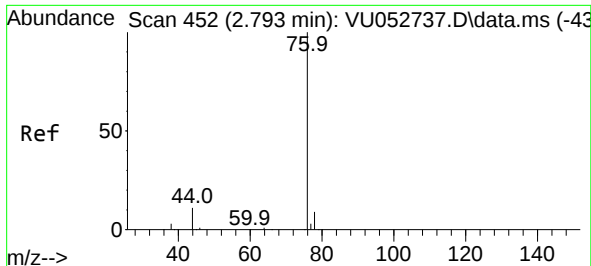
Tgt Ion: 53 Resp: 147621
Ion Ratio Lower Upper
53 100
52 80.2 64.9 97.3
51 34.6 27.6 41.4



#16
Acetone
Concen: 100.277 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 43 Resp: 147302
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7





#17

Carbon Disulfide

Concen: 19.138 ug/l

RT: 2.790 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

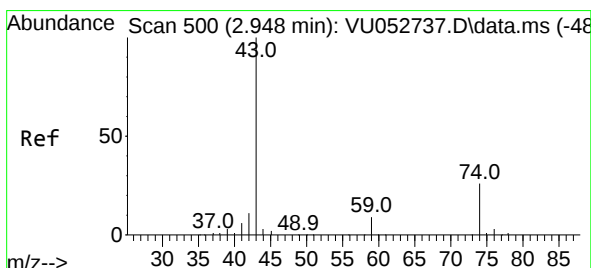
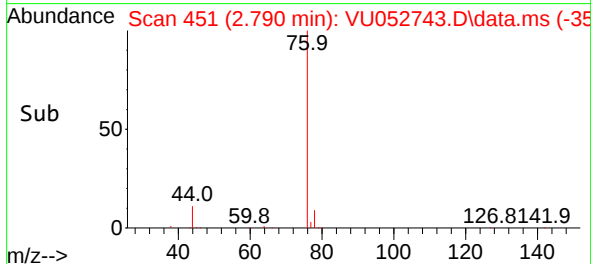
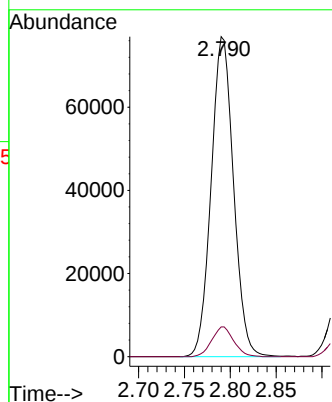
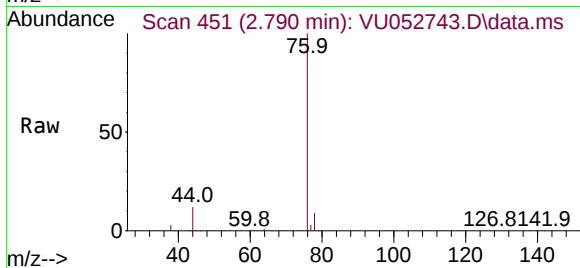
VU0119WBS01

Tgt Ion: 76 Resp: 130535

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 20.183 ug/l

RT: 2.948 min Scan# 500

Delta R.T. -0.000 min

Lab File: VU052743.D

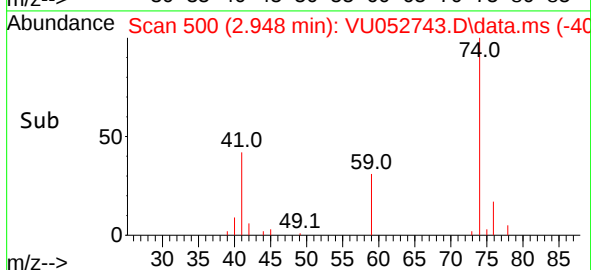
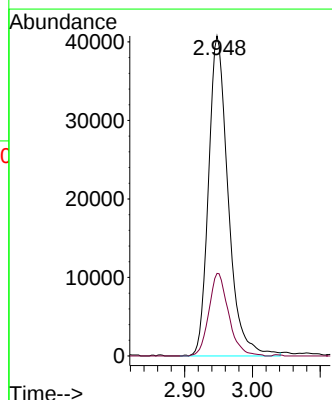
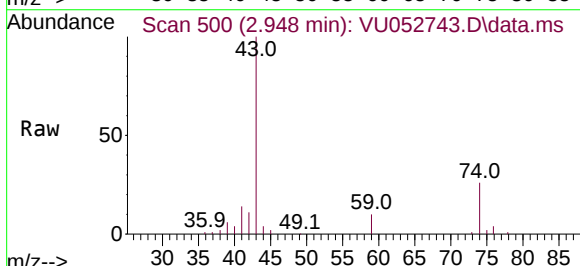
Acq: 19 Jan 2023 18:20

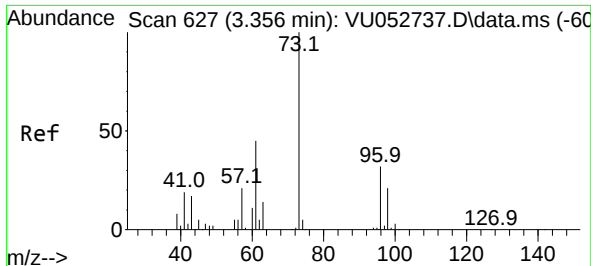
Tgt Ion: 43 Resp: 82055

Ion Ratio Lower Upper

43 100

74 26.0 21.1 31.7

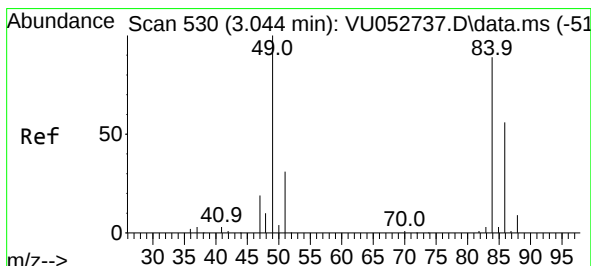
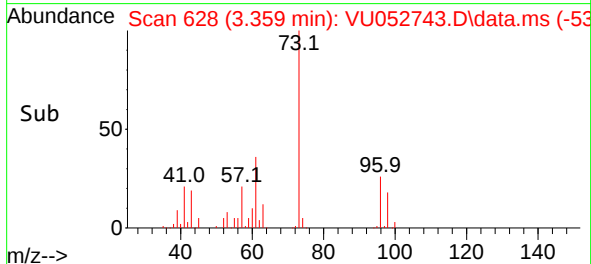
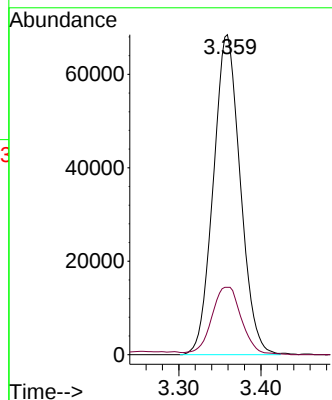
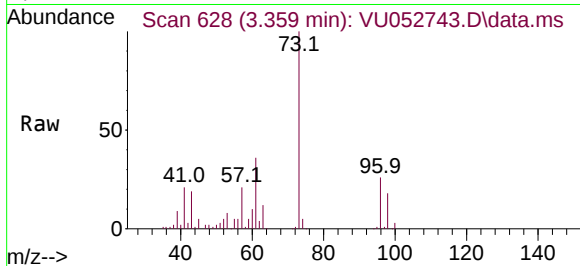




#19
Methyl tert-butyl Ether
Concen: 20.305 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

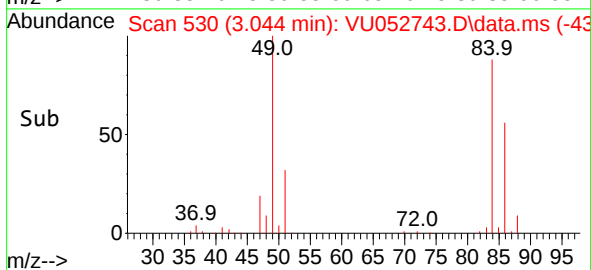
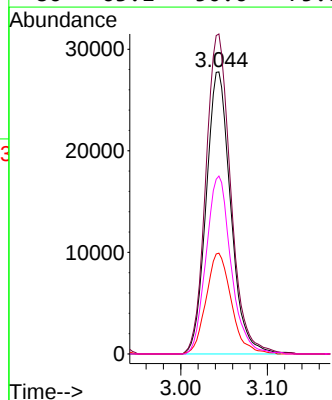
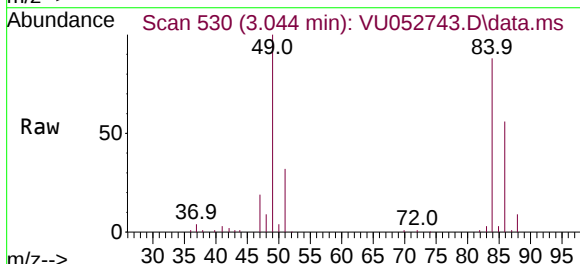
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

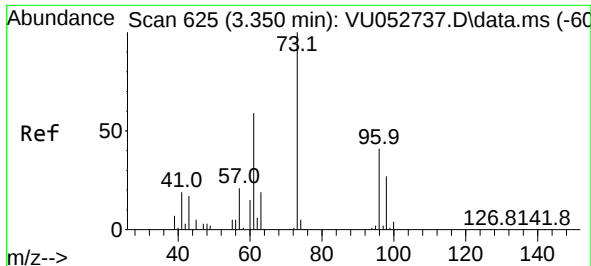
Tgt Ion: 73 Resp: 156597
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3



#20
Methylene Chloride
Concen: 19.866 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 84 Resp: 54704
Ion Ratio Lower Upper
84 100
49 113.5 90.2 135.4
51 35.8 28.1 42.1
86 63.1 50.6 75.8

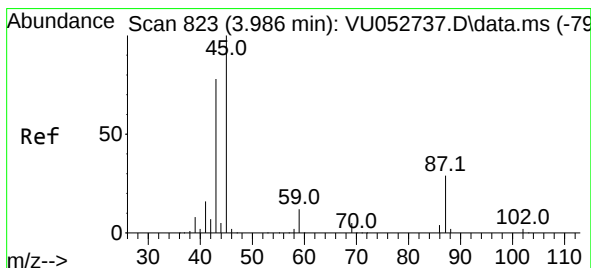
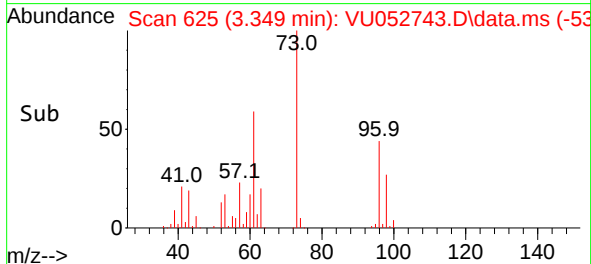
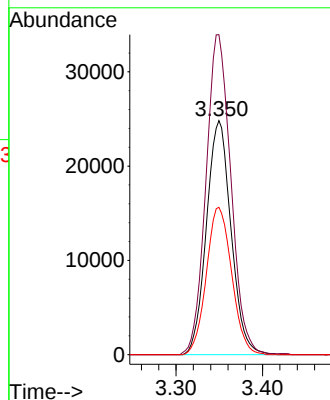
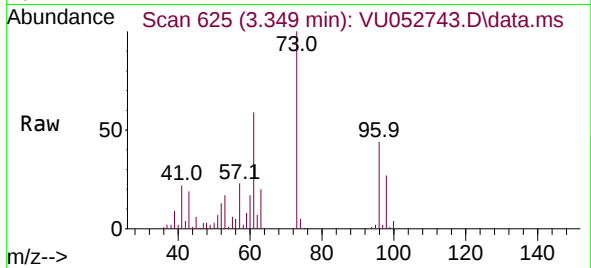




#21
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

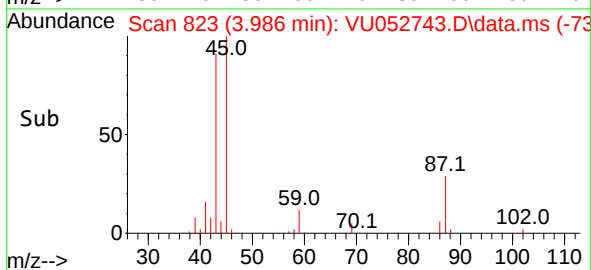
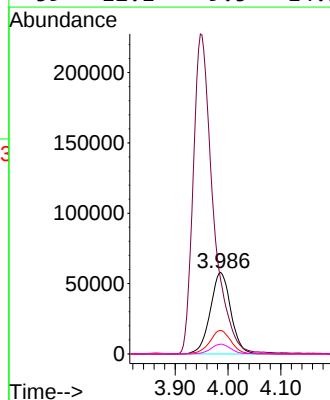
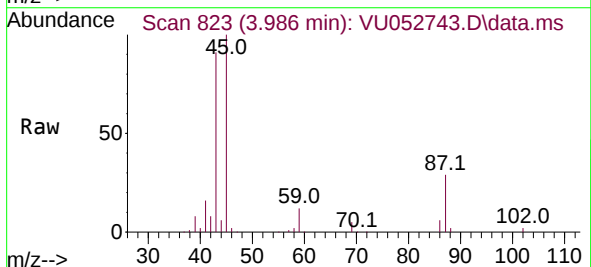
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

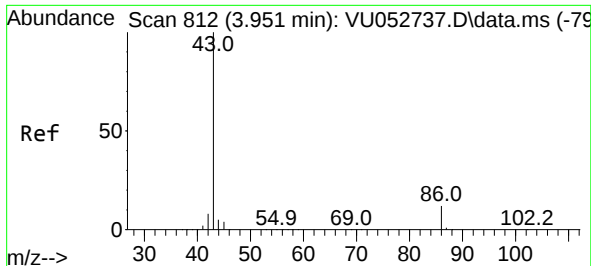
Tgt Ion: 96 Resp: 49029
Ion Ratio Lower Upper
96 100
61 136.7 114.7 172.1
98 62.9 52.4 78.6



#22
Diisopropyl ether
Concen: 20.998 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 45 Resp: 156573
Ion Ratio Lower Upper
45 100
43 89.4 64.6 97.0
87 28.9 23.2 34.8
59 12.1 9.5 14.3

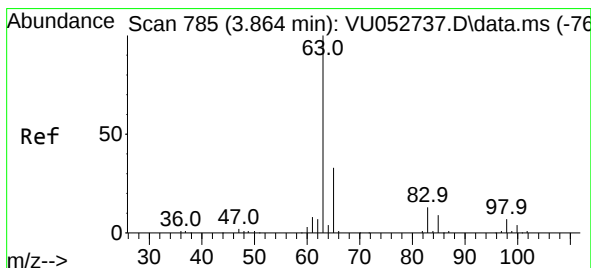
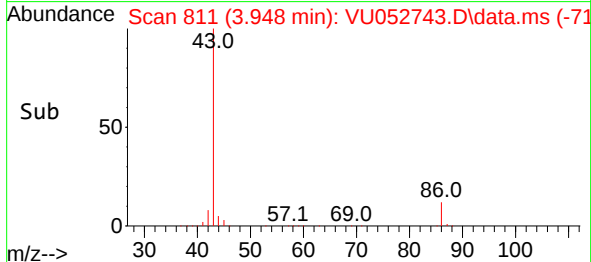
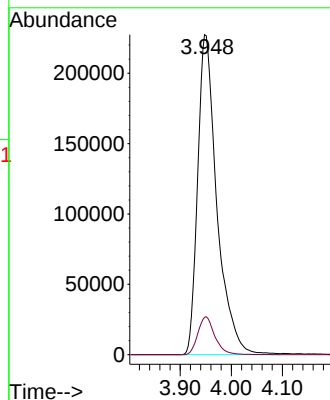
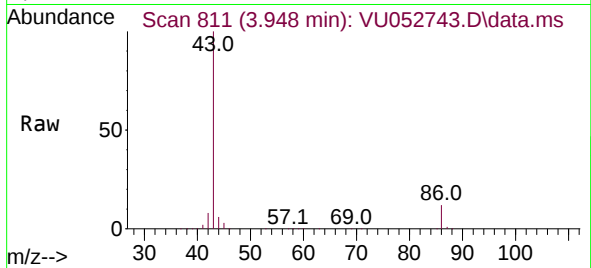




#23
 Vinyl Acetate
 Concen: 103.942 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

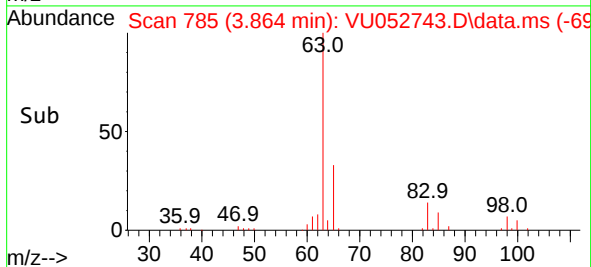
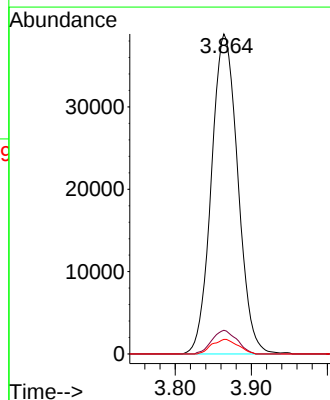
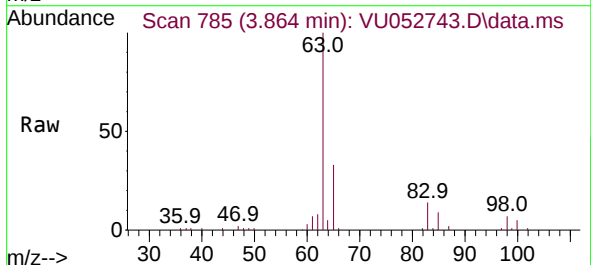
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

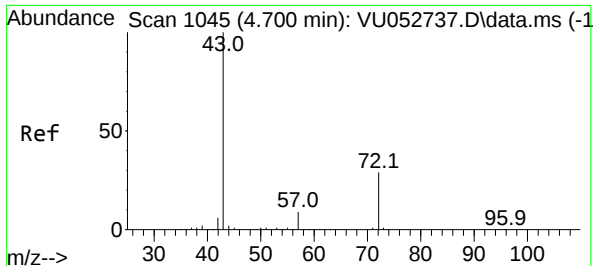
Tgt Ion: 43 Resp: 594700
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.851 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 63 Resp: 93881
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 103.427 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

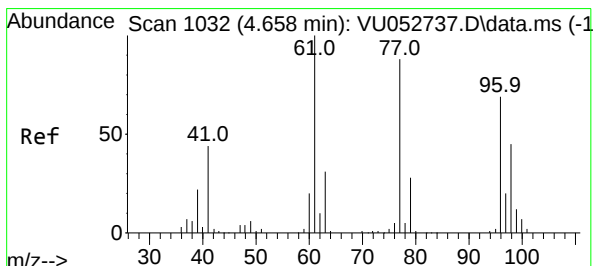
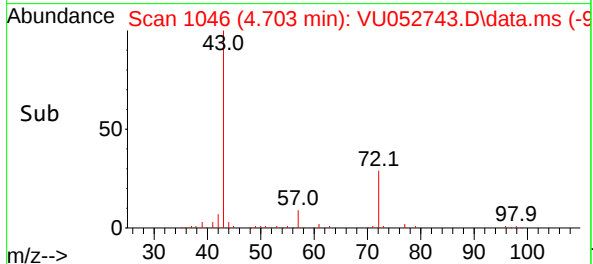
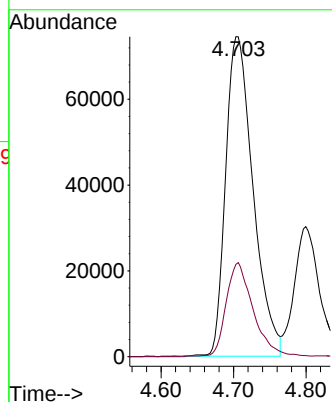
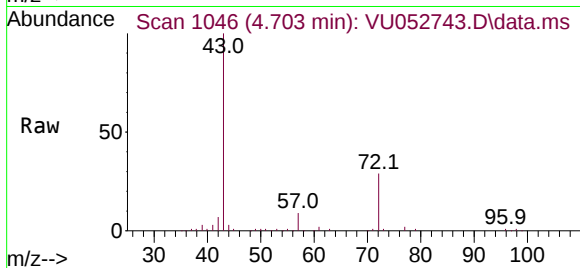
VU0119WBS01

Tgt Ion: 43 Resp: 195941

Ion Ratio Lower Upper

43 100

72 28.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 19.759 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU052743.D

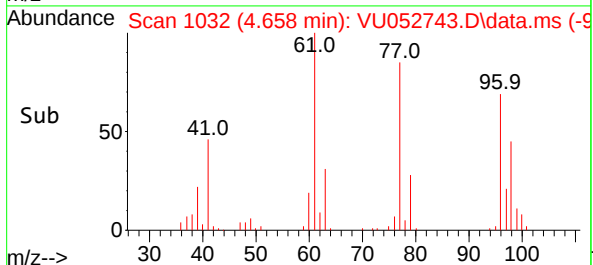
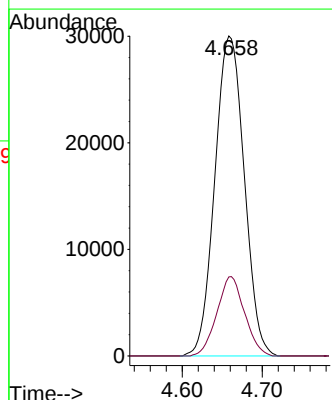
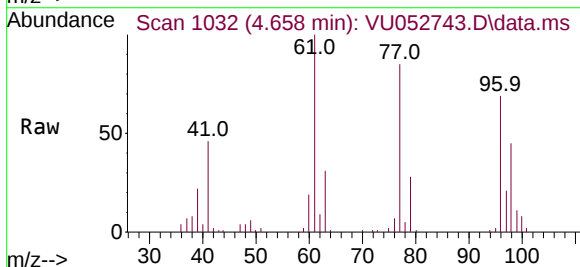
Acq: 19 Jan 2023 18:20

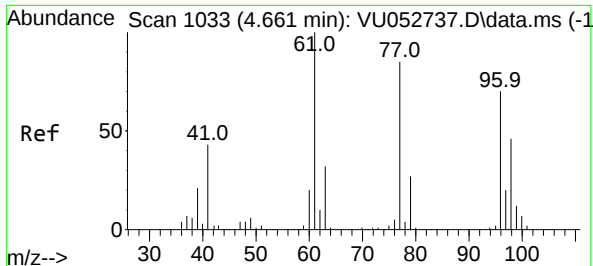
Tgt Ion: 77 Resp: 76658

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.220 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

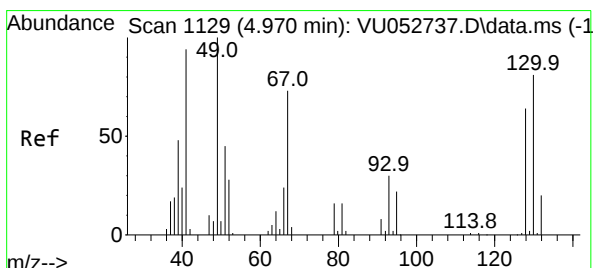
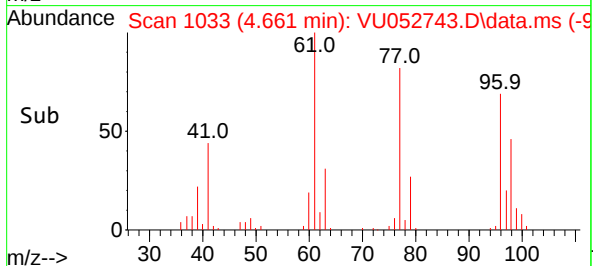
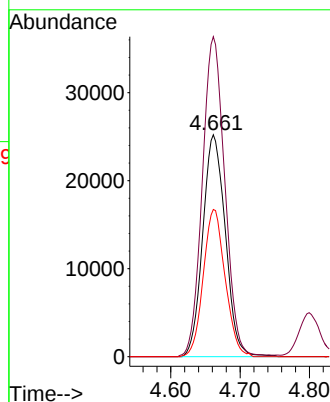
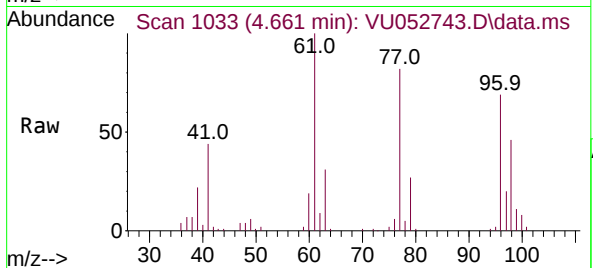
Tgt Ion: 96 Resp: 57161

Ion Ratio Lower Upper

96 100

61 143.1 0.0 287.2

98 64.0 0.0 128.4



#28

Bromochloromethane

Concen: 20.908 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

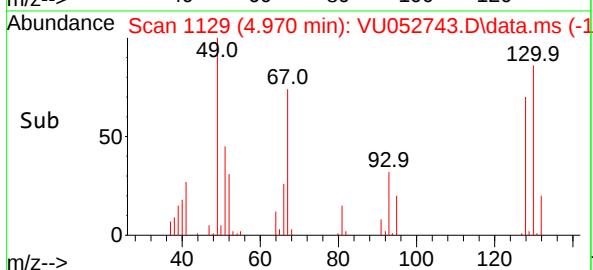
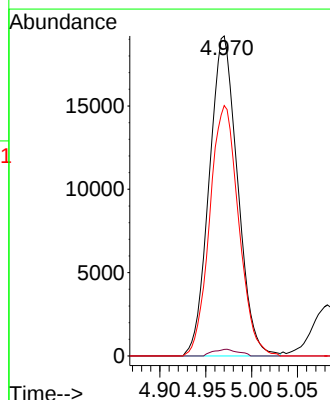
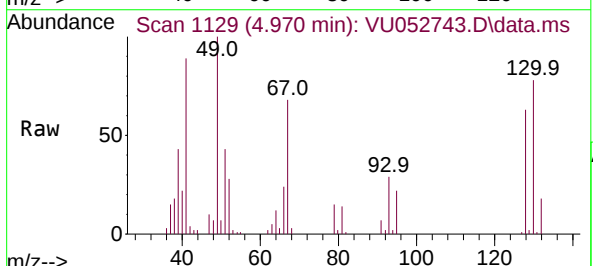
Tgt Ion: 49 Resp: 41273

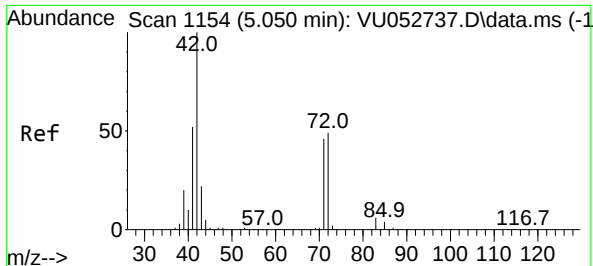
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 79.8 65.5 98.3

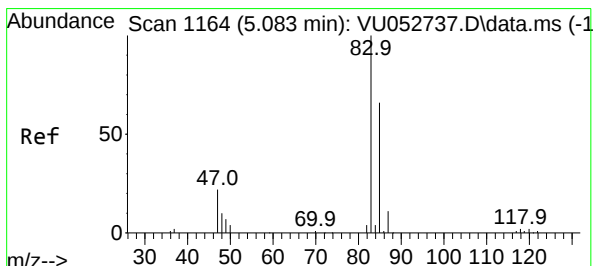
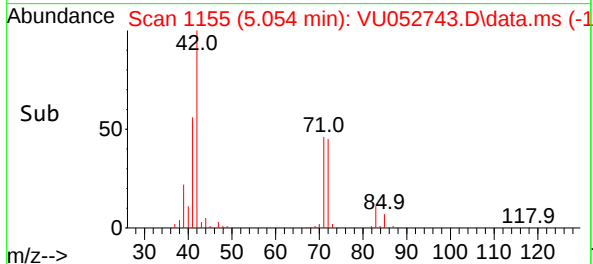
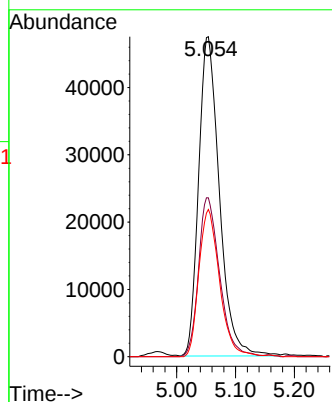
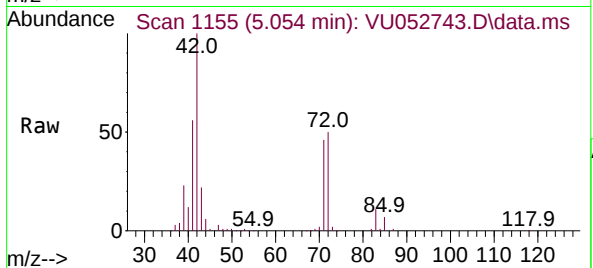




#29
Tetrahydrofuran
Concen: 105.854 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

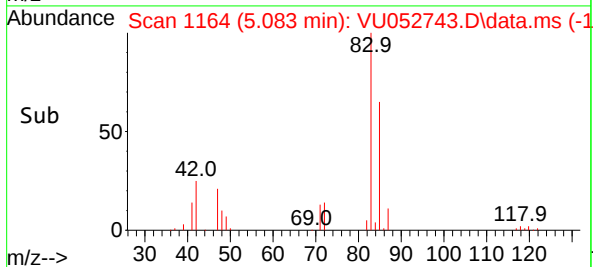
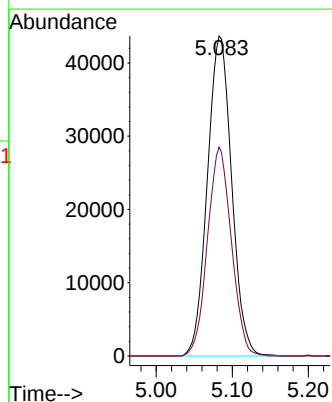
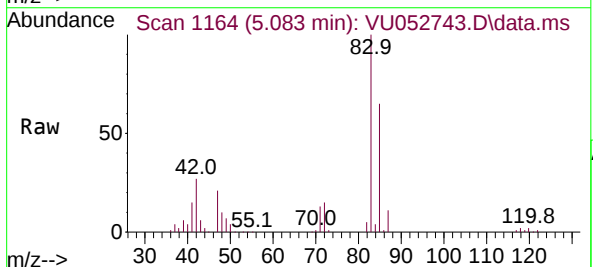
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

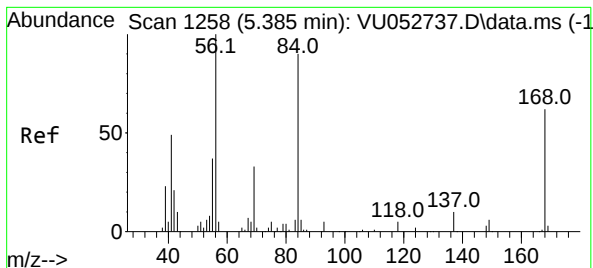
Tgt Ion: 42 Resp: 116414
Ion Ratio Lower Upper
42 100
72 50.5 40.5 60.7
71 45.8 37.4 56.0



#30
Chloroform
Concen: 19.194 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 83 Resp: 97030
Ion Ratio Lower Upper
83 100
85 65.3 52.6 79.0





#31

Cyclohexane

Concen: 20.152 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

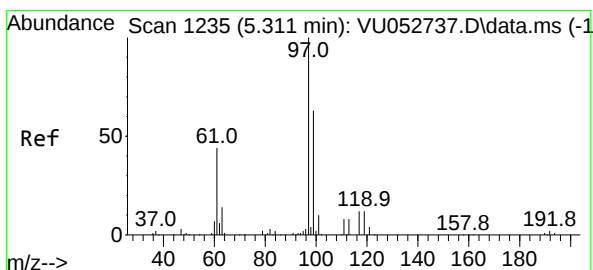
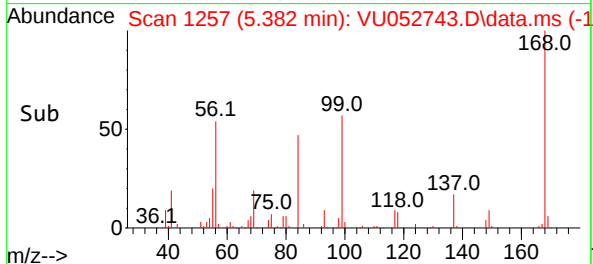
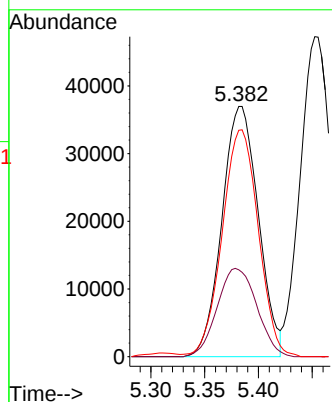
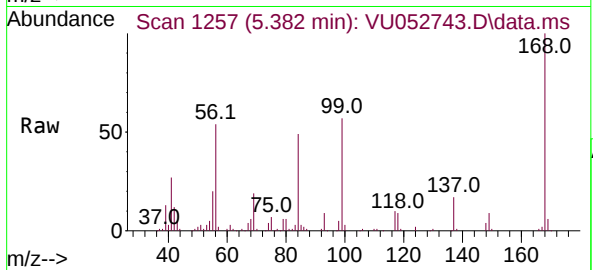
Tgt Ion: 56 Resp: 87031

Ion Ratio Lower Upper

56 100

69 34.7 26.2 39.2

84 89.6 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 20.261 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

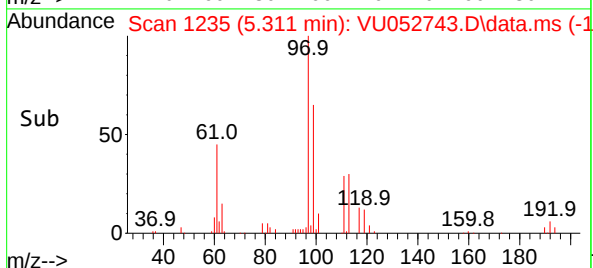
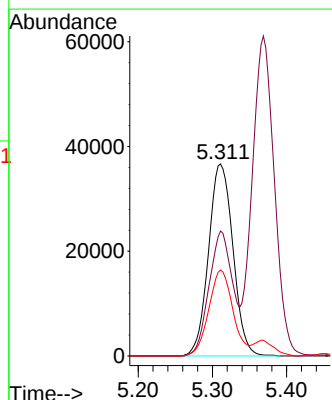
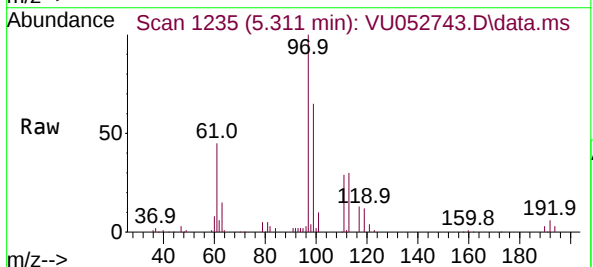
Tgt Ion: 97 Resp: 83893

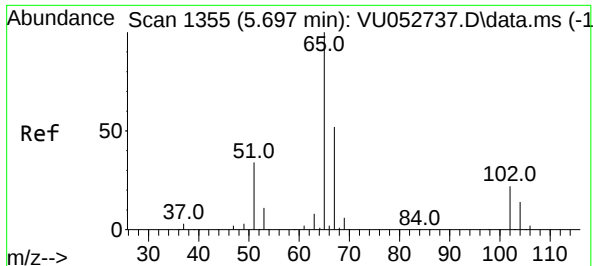
Ion Ratio Lower Upper

97 100

99 62.3 50.5 75.7

61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.895 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

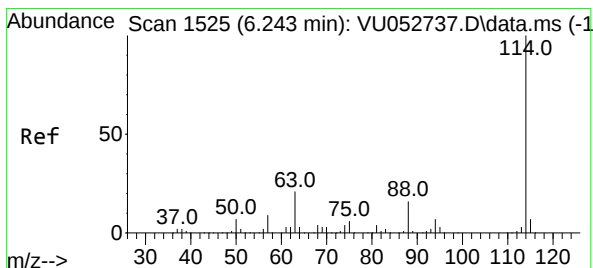
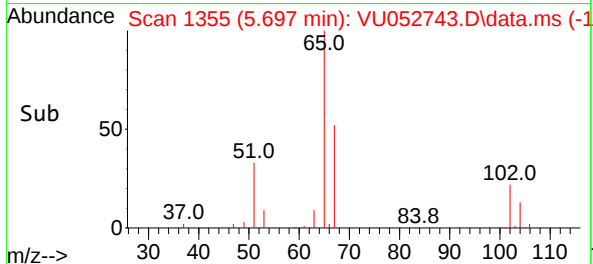
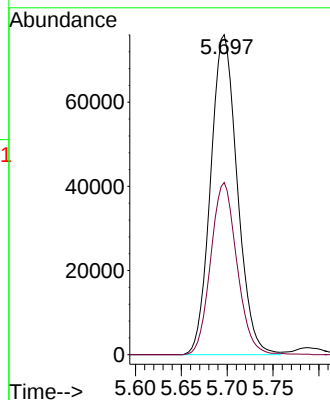
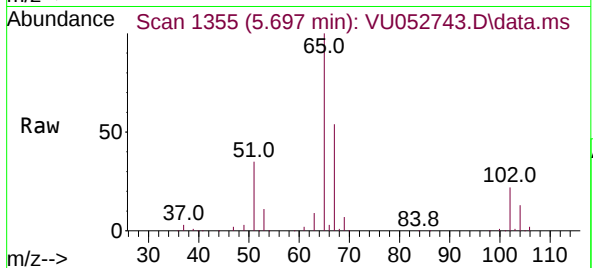
VU0119WBS01

Tgt Ion: 65 Resp: 153784

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

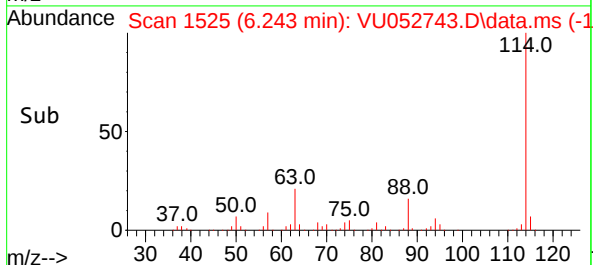
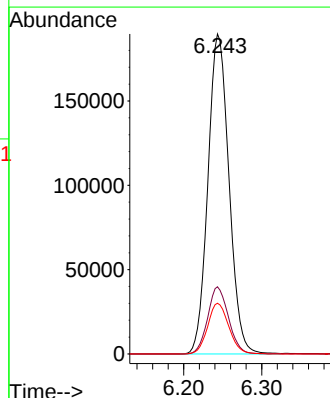
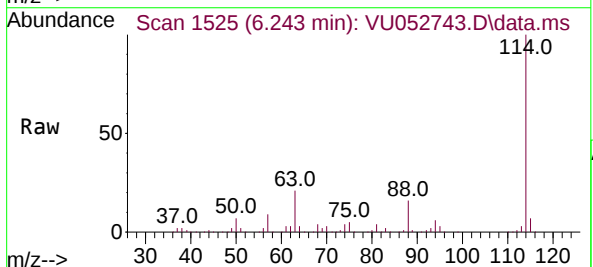
Tgt Ion: 114 Resp: 356142

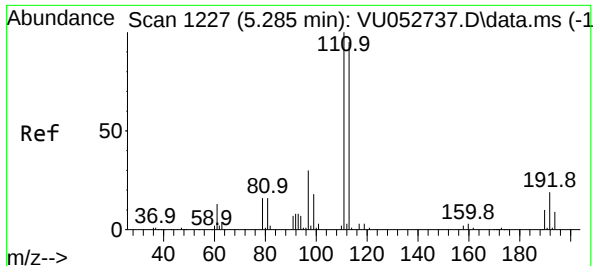
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.884 ug/l

RT: 5.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

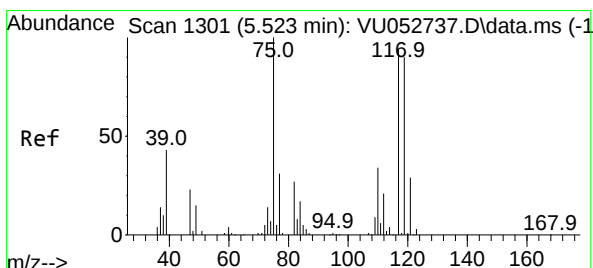
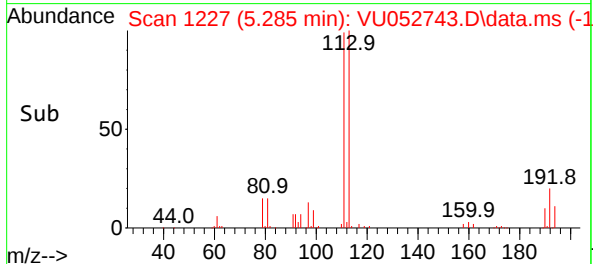
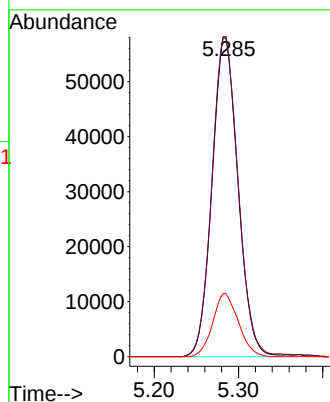
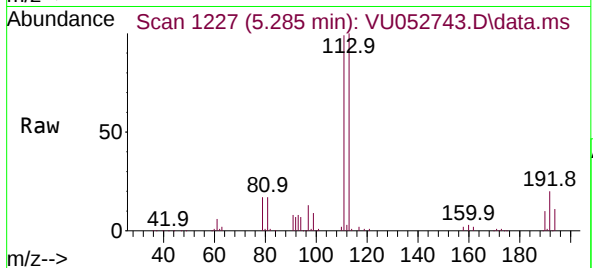
Tgt Ion:113 Resp: 123707

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

192 19.6 15.7 23.5



#36

1,1-Dichloropropene

Concen: 19.528 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

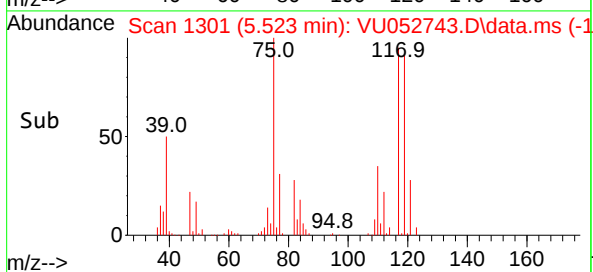
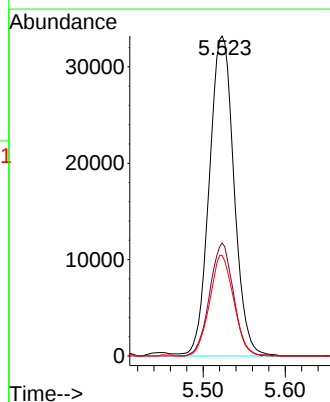
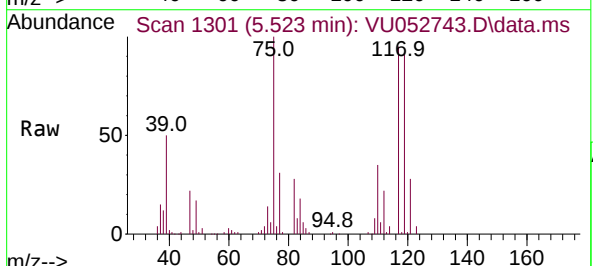
Tgt Ion: 75 Resp: 69484

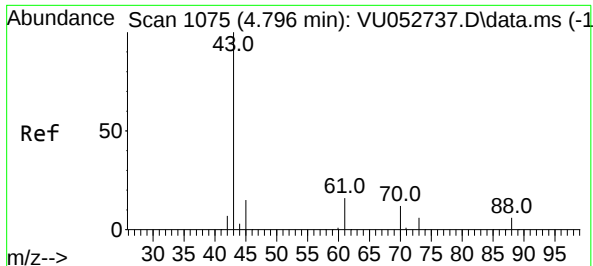
Ion Ratio Lower Upper

75 100

110 34.0 17.1 51.2

77 30.7 25.0 37.4

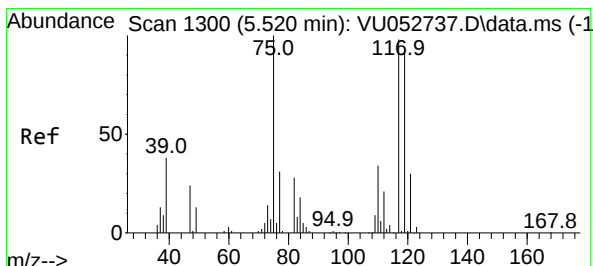
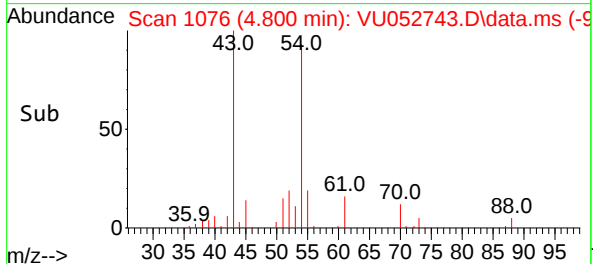
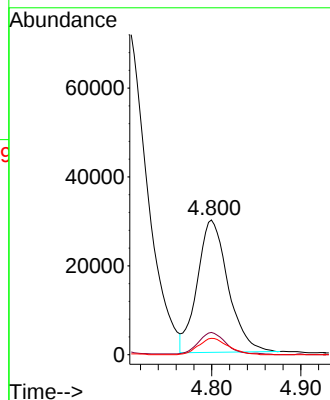
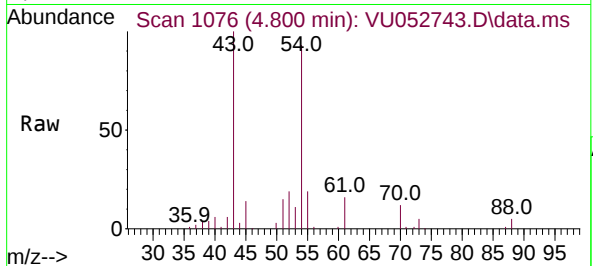




#37
Ethyl Acetate
Concen: 18.452 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

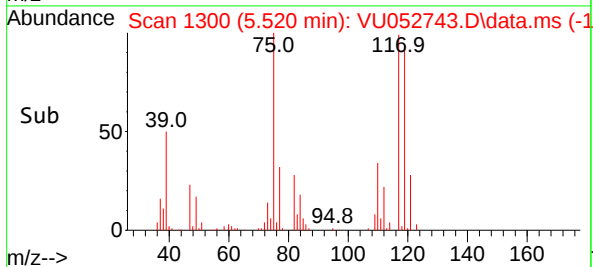
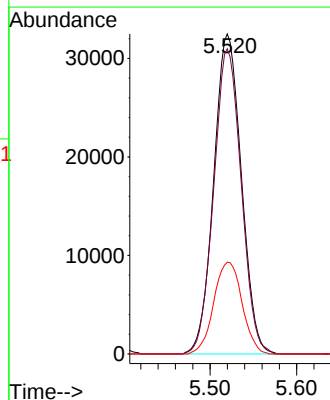
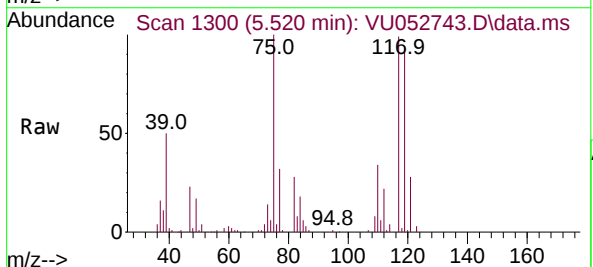
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

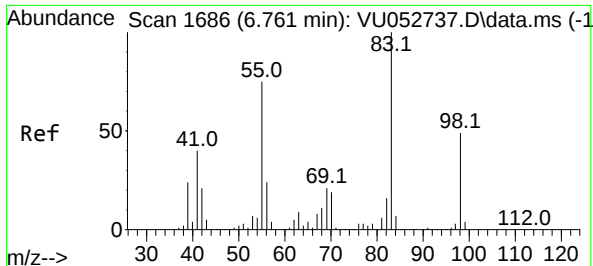
Tgt Ion: 43 Resp: 71369
Ion Ratio Lower Upper
43 100
61 14.0 12.2 18.4
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.617 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 117 Resp: 71811
Ion Ratio Lower Upper
117 100
119 95.4 75.6 113.4
121 28.7 24.2 36.4





#39

Methylcyclohexane

Concen: 19.572 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

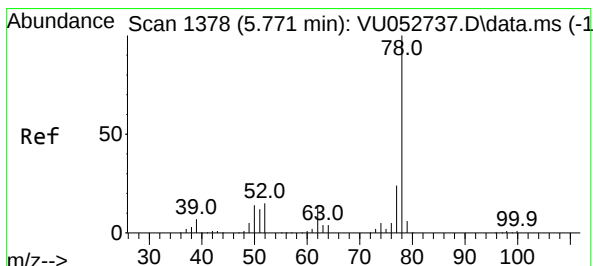
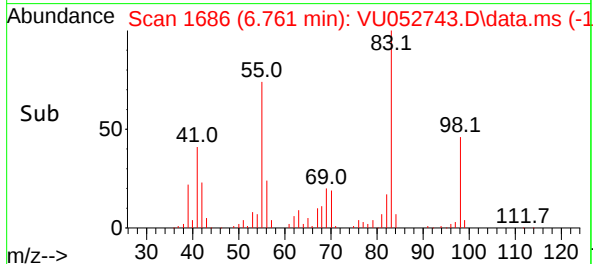
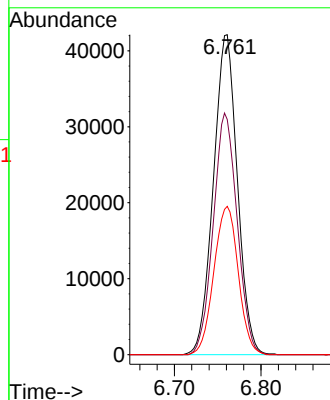
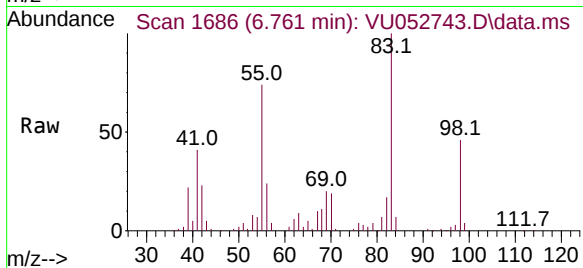
Tgt Ion: 83 Resp: 81037

Ion Ratio Lower Upper

83 100

55 73.5 60.4 90.6

98 46.4 38.9 58.3



#40

Benzene

Concen: 19.622 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052743.D

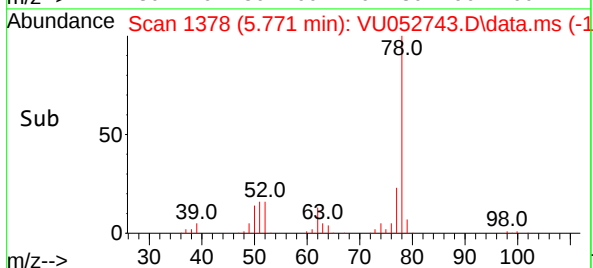
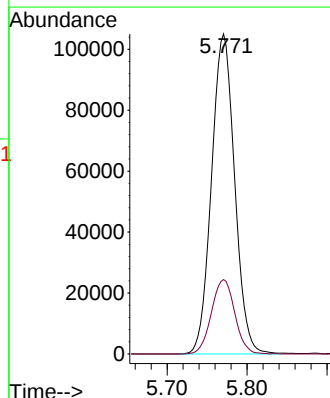
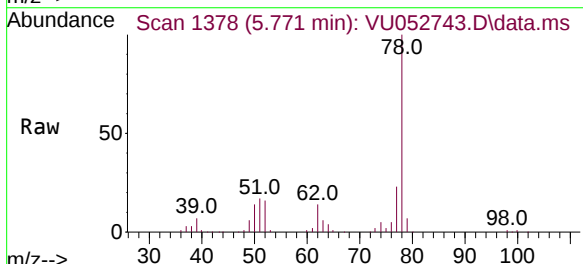
Acq: 19 Jan 2023 18:20

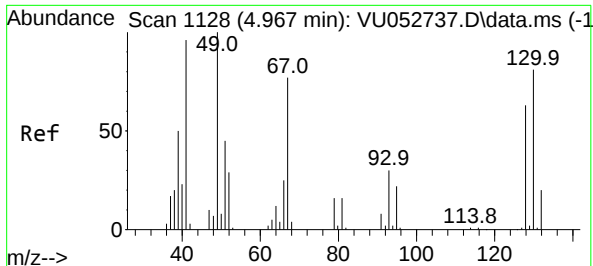
Tgt Ion: 78 Resp: 210818

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3

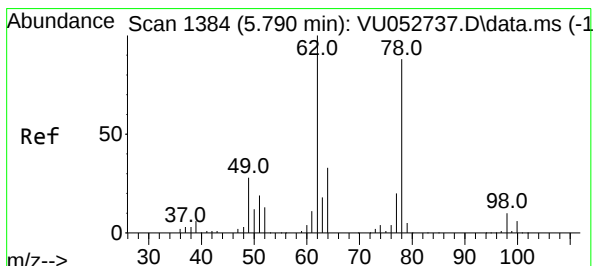
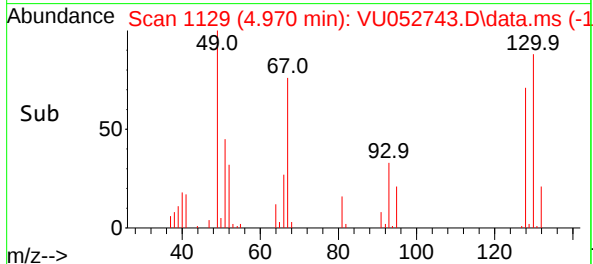
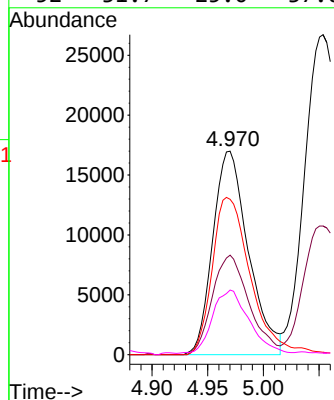
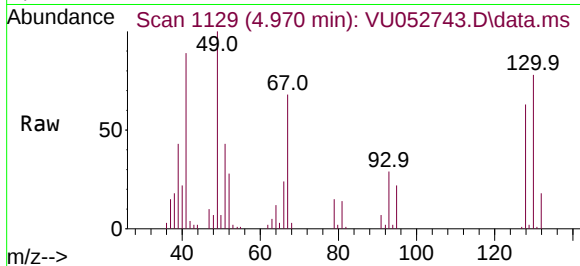




#41
Methacrylonitrile
Concen: 20.200 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

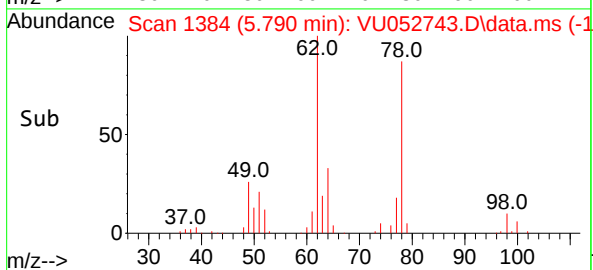
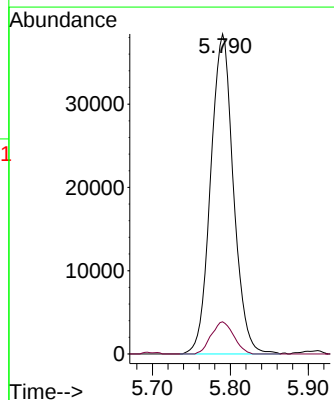
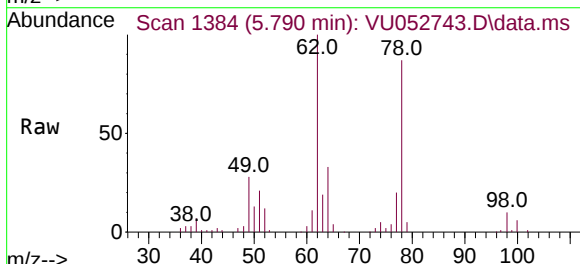
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 41	Resp:	37798	
Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.2	63.2
67	83.4	65.0	97.6
52	31.7	25.0	37.6



#42
1,2-Dichloroethane
Concen: 20.114 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 62	Resp: 78030
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 19.0

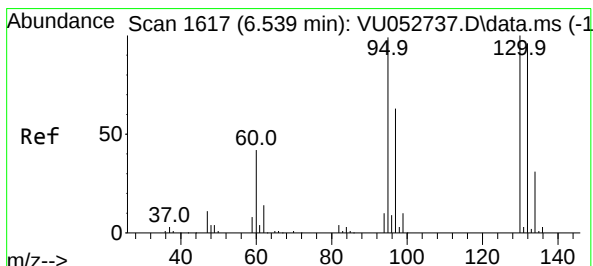
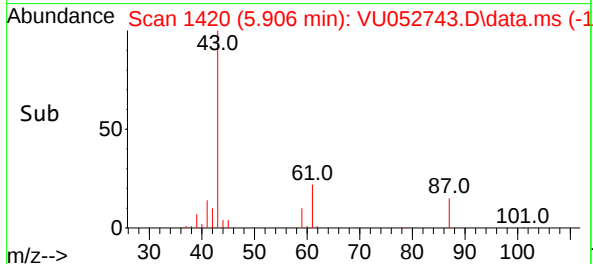
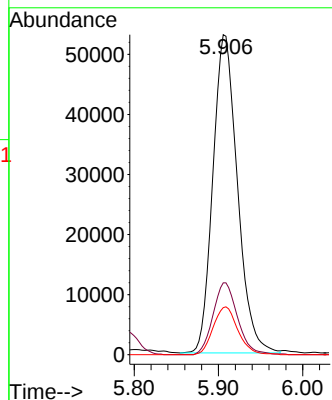
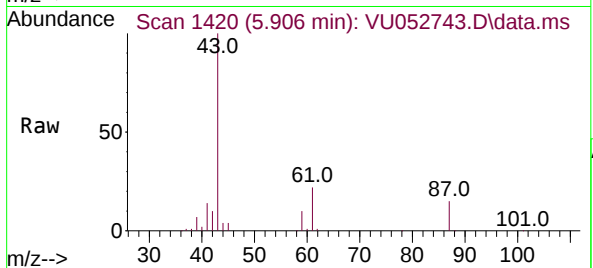




#43
Isopropyl Acetate
Concen: 19.861 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

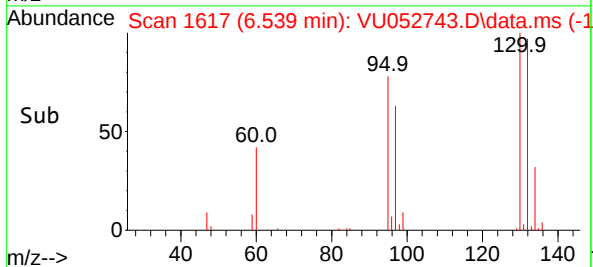
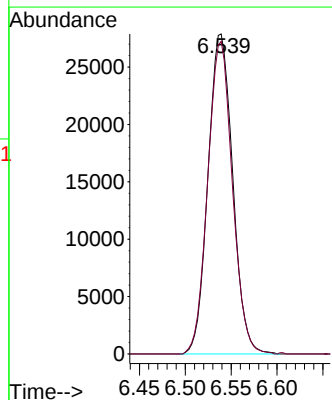
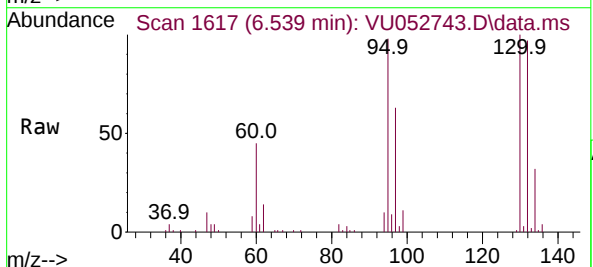
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

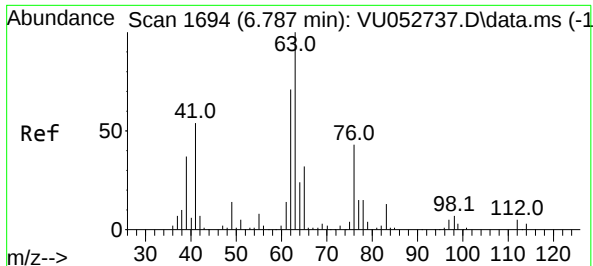
Tgt Ion: 43 Resp: 107075
Ion Ratio Lower Upper
43 100
61 22.5 18.1 27.1
87 15.1 11.7 17.5



#44
Trichloroethene
Concen: 19.623 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:130 Resp: 52147
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.2





#45

1,2-Dichloropropane

Concen: 19.678 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

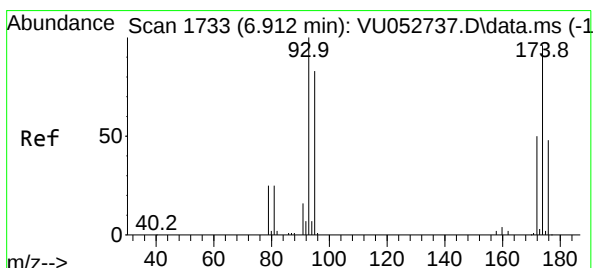
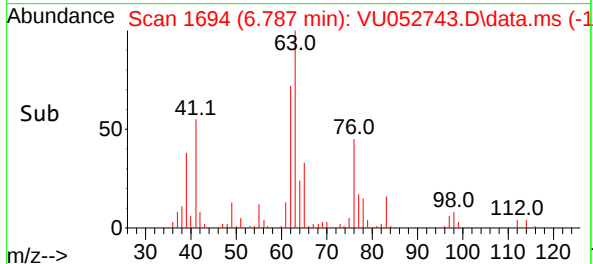
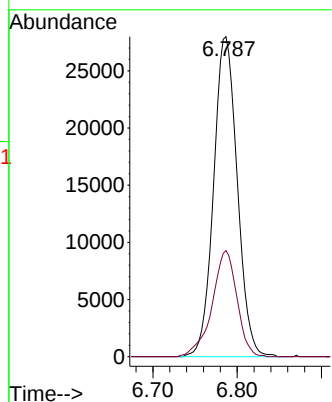
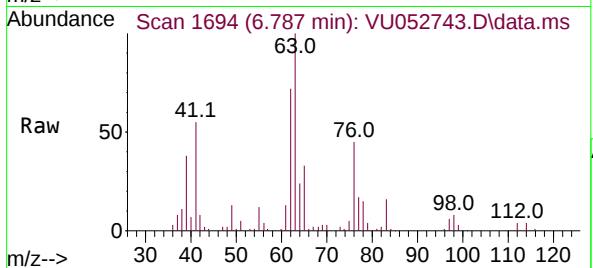
VU0119WBS01

Tgt Ion: 63 Resp: 54530

Ion Ratio Lower Upper

63 100

65 33.1 26.0 39.0



#46

Dibromomethane

Concen: 19.527 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

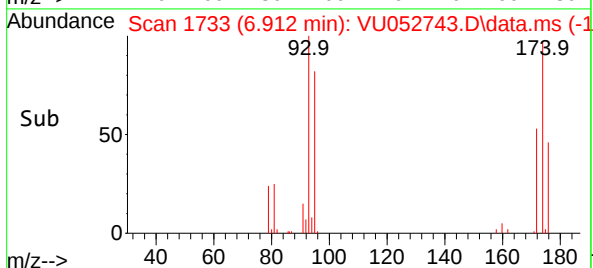
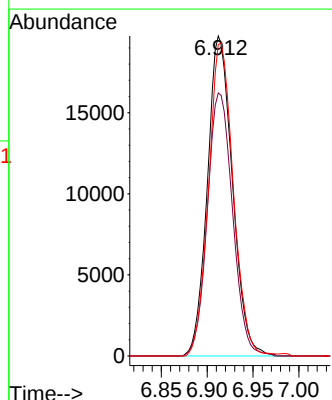
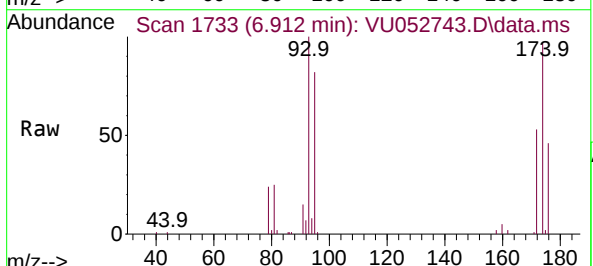
Tgt Ion: 93 Resp: 37474

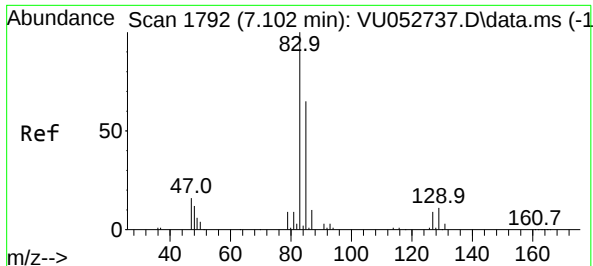
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 96.7 78.6 117.8





#47

Bromodichloromethane

Concen: 19.200 ug/l

RT: 7.102 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

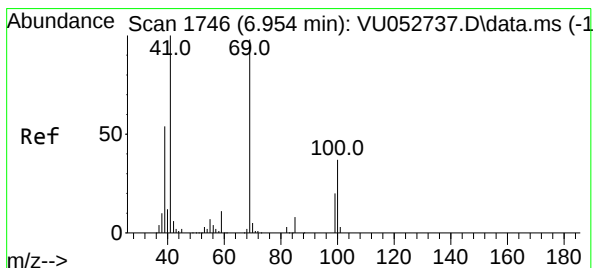
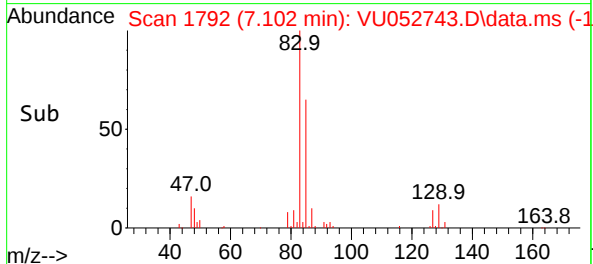
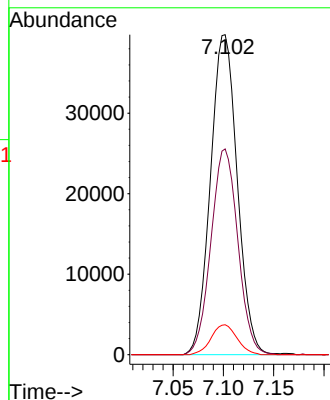
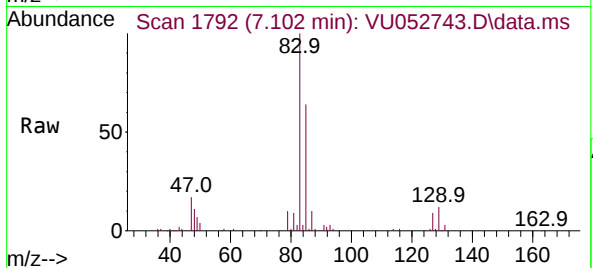
Tgt Ion: 83 Resp: 73730

Ion Ratio Lower Upper

83 100

85 64.3 51.6 77.4

127 9.3 6.9 10.3



#48

Methyl methacrylate

Concen: 21.060 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

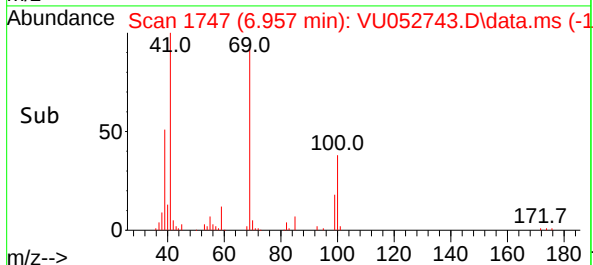
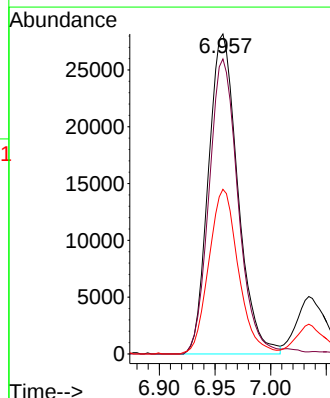
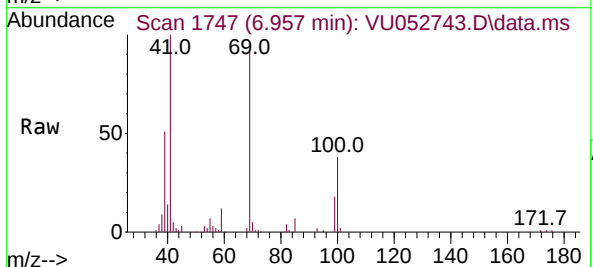
Tgt Ion: 41 Resp: 51738

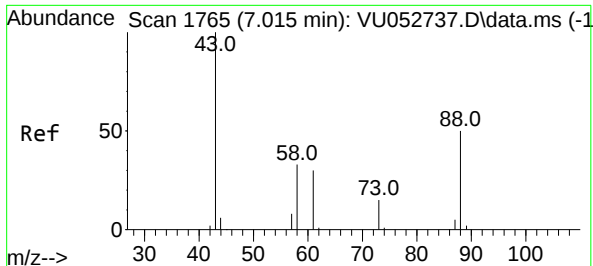
Ion Ratio Lower Upper

41 100

69 90.8 77.2 115.8

39 51.7 42.9 64.3





#49

1,4-Dioxane

Concen: 429.085 ug/l

RT: 7.025 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

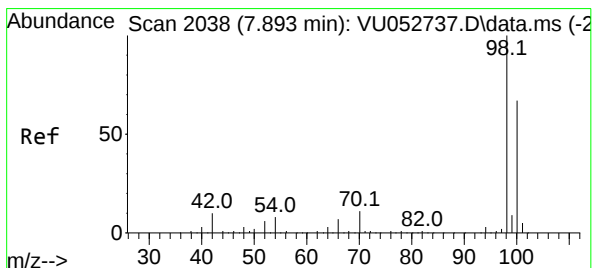
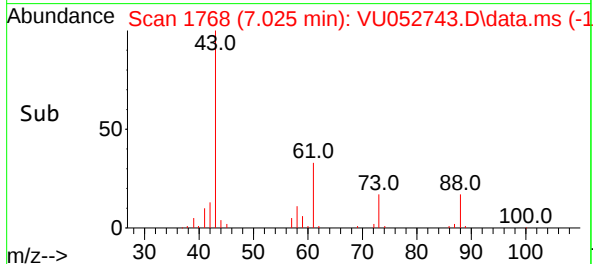
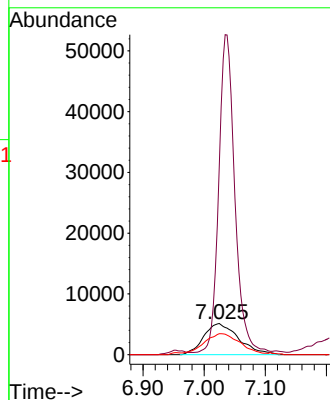
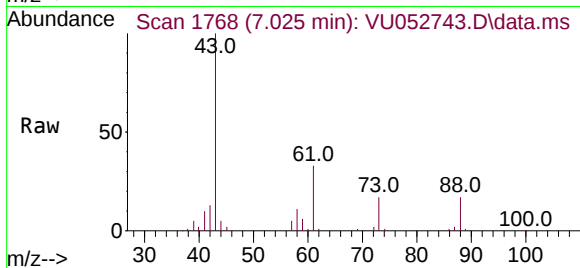
Tgt Ion: 88 Resp: 20426

Ion Ratio Lower Upper

88 100

43 465.5 374.7 562.1

58 64.2 59.2 88.8



#50

Toluene-d8

Concen: 49.393 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU052743.D

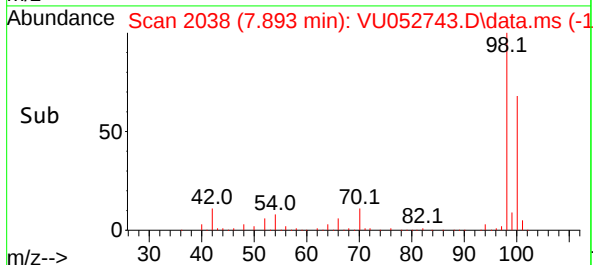
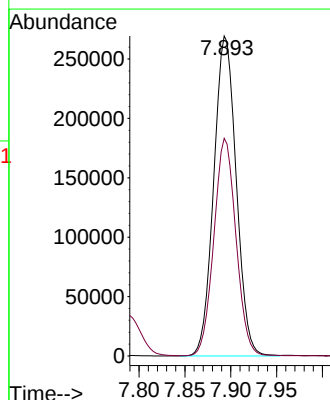
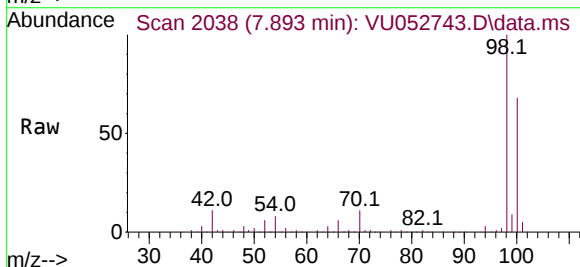
Acq: 19 Jan 2023 18:20

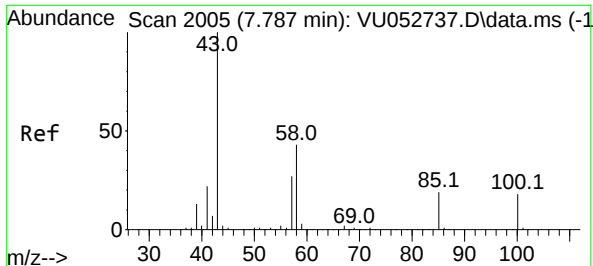
Tgt Ion: 98 Resp: 459356

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 102.482 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

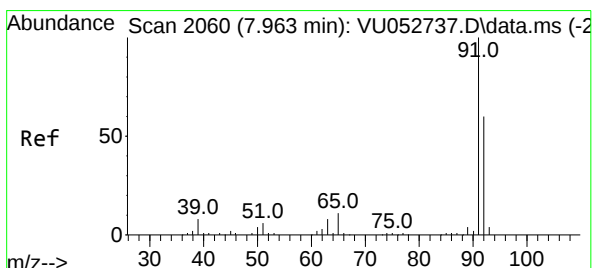
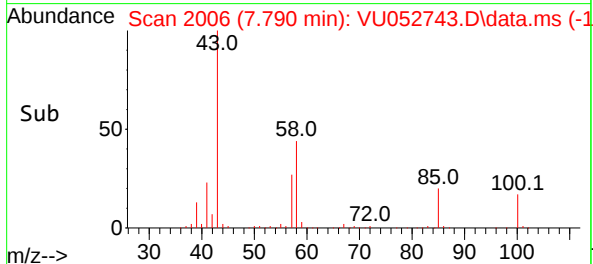
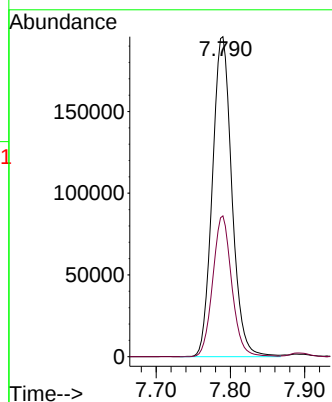
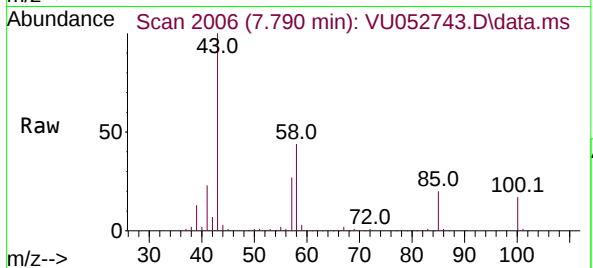
VU0119WBS01

Tgt Ion: 43 Resp: 357590

Ion Ratio Lower Upper

43 100

58 42.9 34.6 52.0



#52

Toluene

Concen: 20.321 ug/l

RT: 7.963 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU052743.D

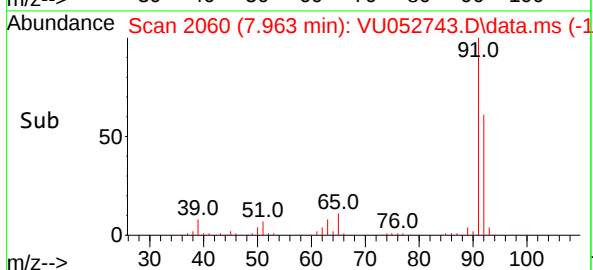
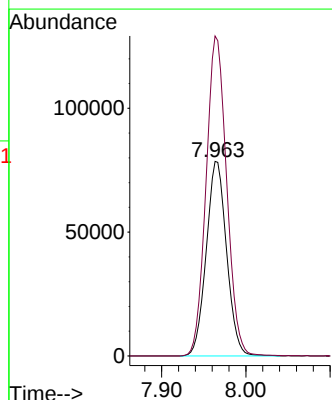
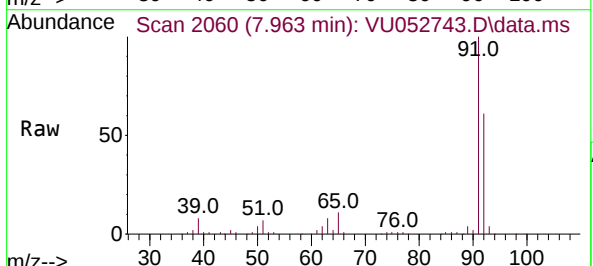
Acq: 19 Jan 2023 18:20

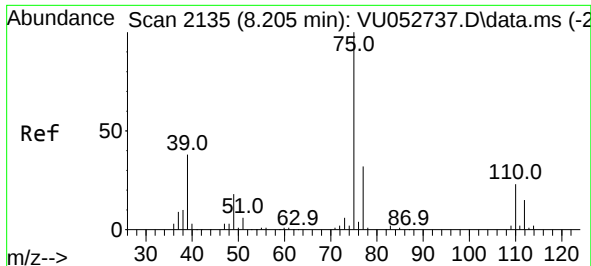
Tgt Ion: 92 Resp: 132038

Ion Ratio Lower Upper

92 100

91 166.4 134.9 202.3

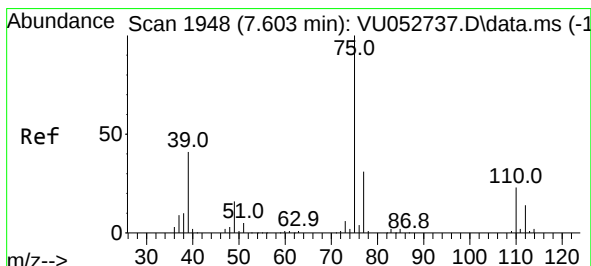
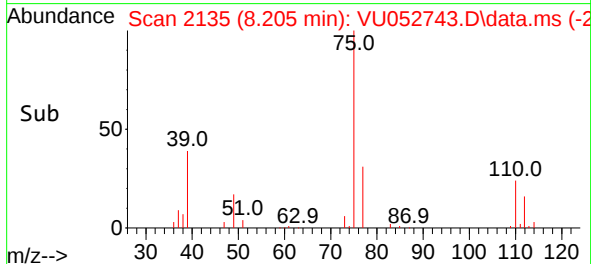
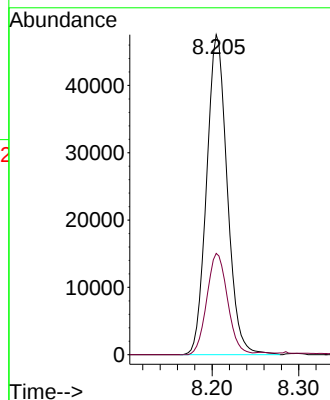
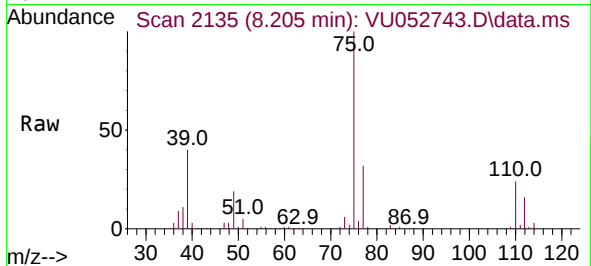




#53
 t-1,3-Dichloropropene
 Concen: 19.557 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

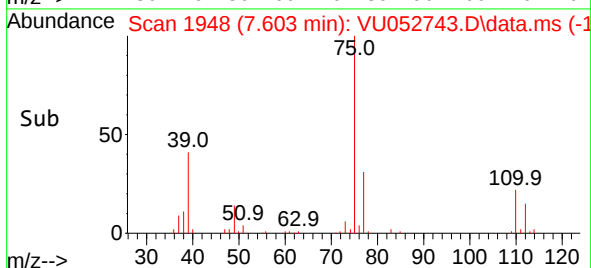
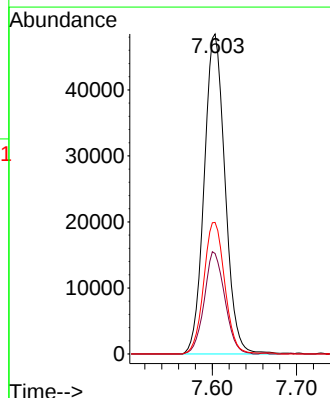
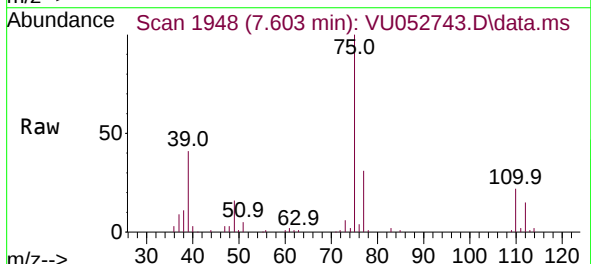
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

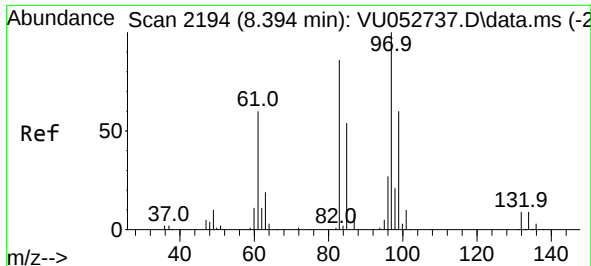
Tgt Ion: 75 Resp: 78448
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.543 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 75 Resp: 83608
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 41.1 32.9 49.3

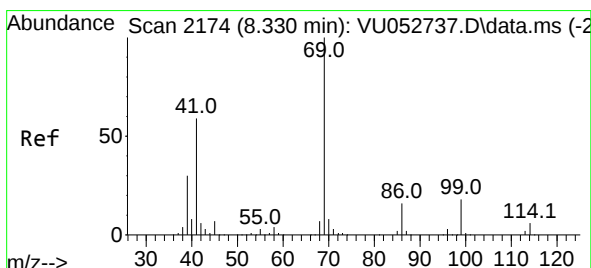
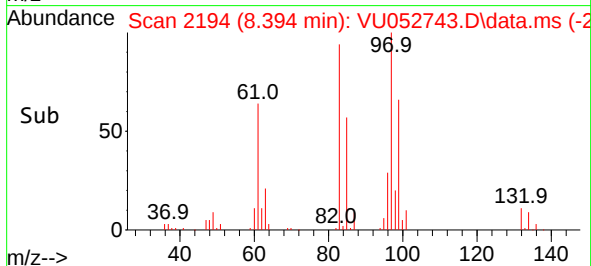
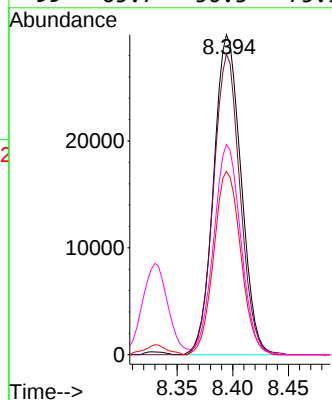
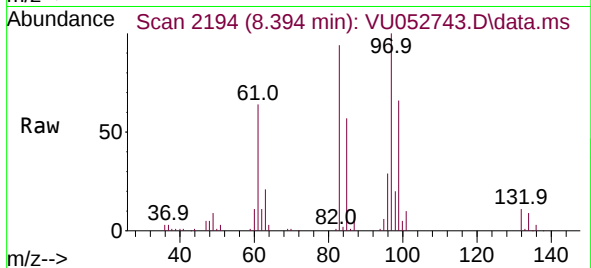




#55
1,1,2-Trichloroethane
Concen: 19.273 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

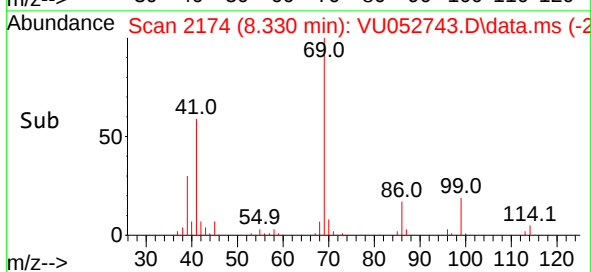
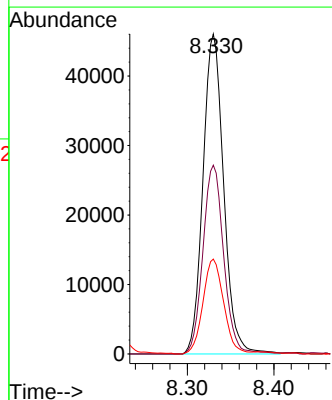
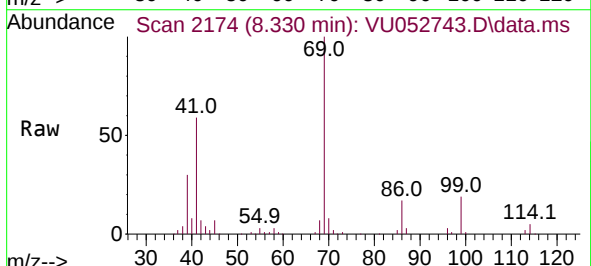
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

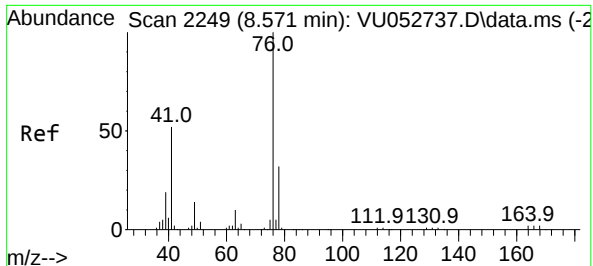
Tgt Ion:	97	Resp:	51118
Ion	Ratio	Lower	Upper
97	100		
83	93.9	69.2	103.8
85	57.3	43.8	65.8
99	65.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.435 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:	69	Resp:	76430
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.6	71.4
39	29.7	24.3	36.5





#57

1,3-Dichloropropane

Concen: 20.166 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

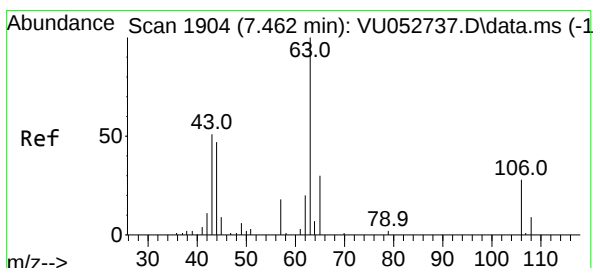
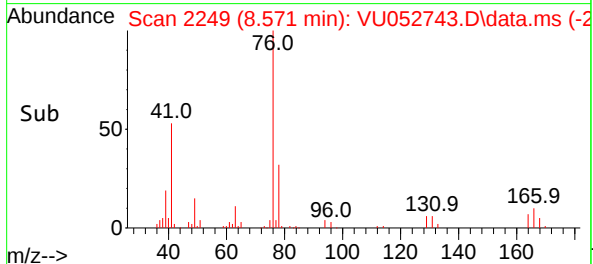
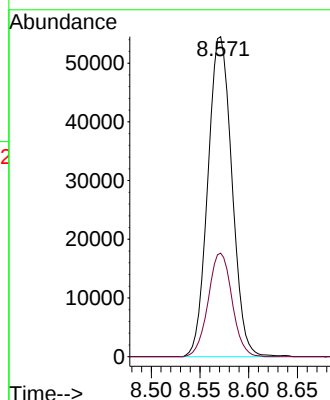
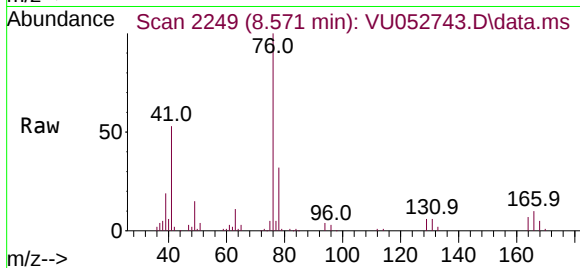
VU0119WBS01

Tgt Ion: 76 Resp: 93787

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 74.192 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052743.D

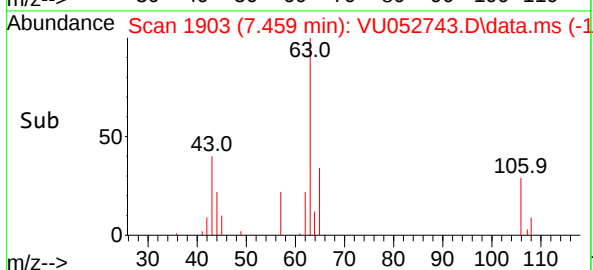
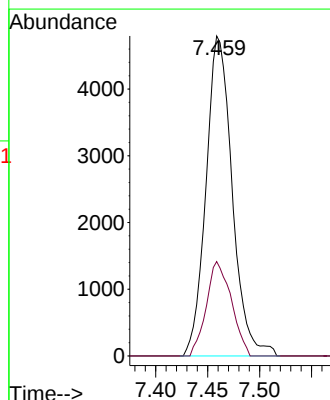
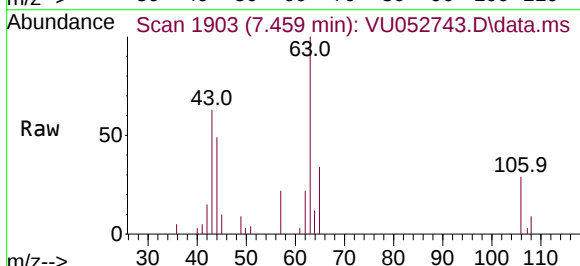
Acq: 19 Jan 2023 18:20

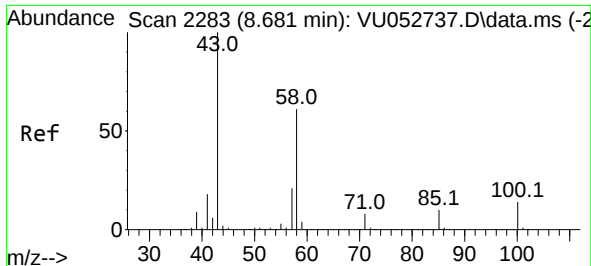
Tgt Ion: 63 Resp: 8413

Ion Ratio Lower Upper

63 100

106 28.1 23.2 34.8





#59

2-Hexanone

Concen: 103.691 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

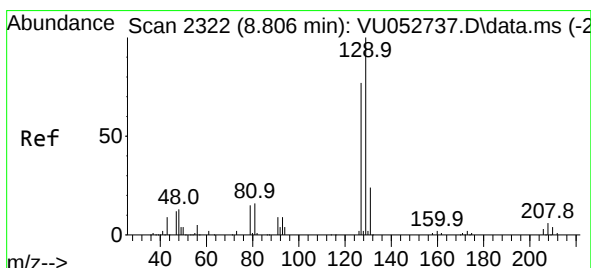
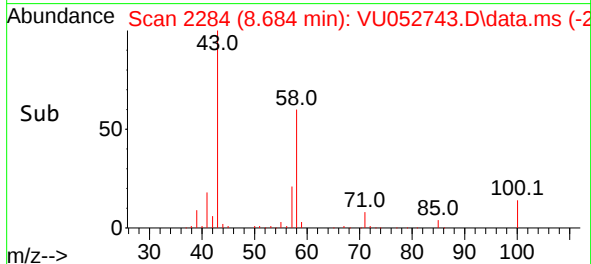
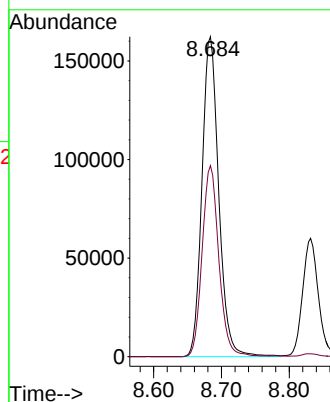
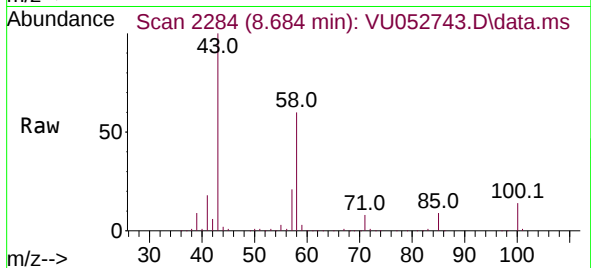
VU0119WBS01

Tgt Ion: 43 Resp: 278724

Ion Ratio Lower Upper

43 100

58 59.6 29.8 89.5



#60

Dibromochloromethane

Concen: 19.289 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VU052743.D

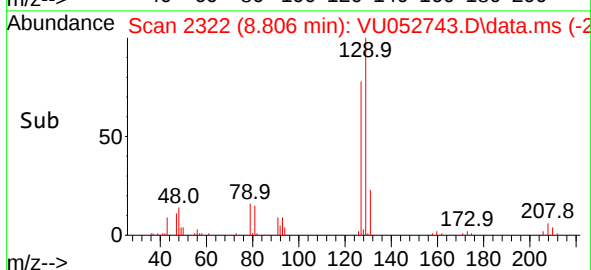
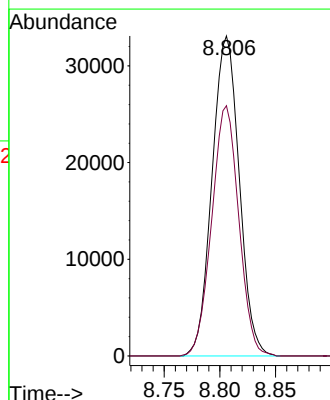
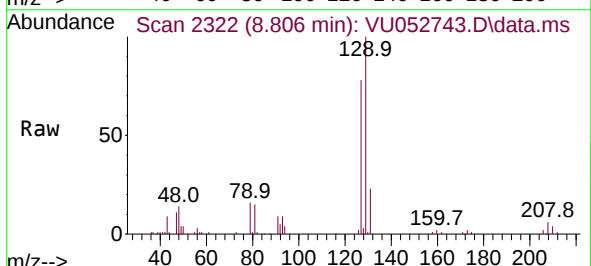
Acq: 19 Jan 2023 18:20

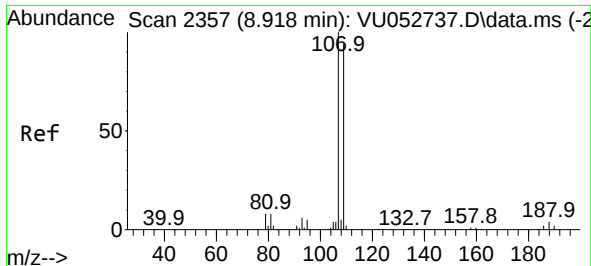
Tgt Ion:129 Resp: 56181

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.2

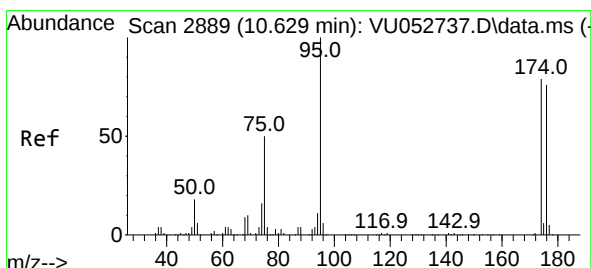
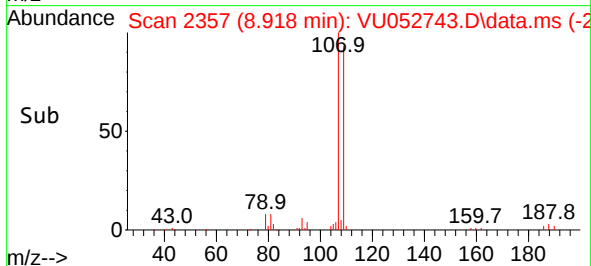
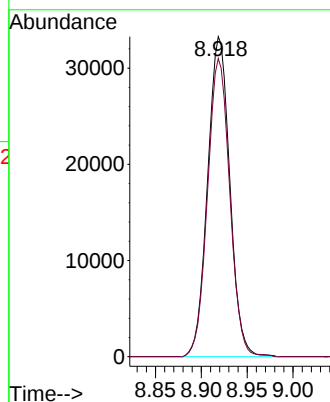
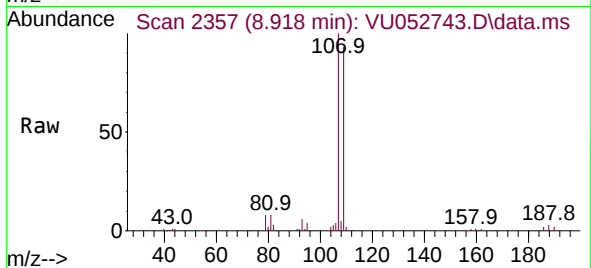




#61
1,2-Dibromoethane
Concen: 20.100 ug/l
RT: 8.918 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

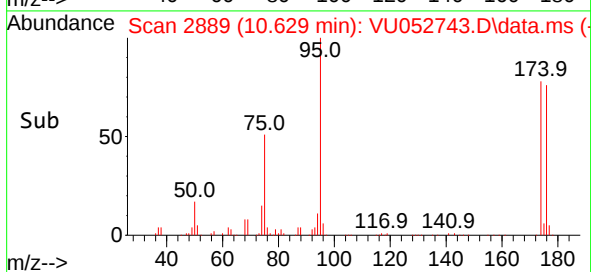
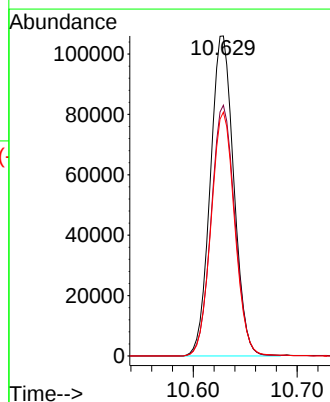
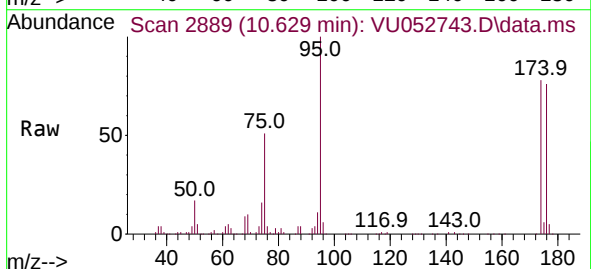
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

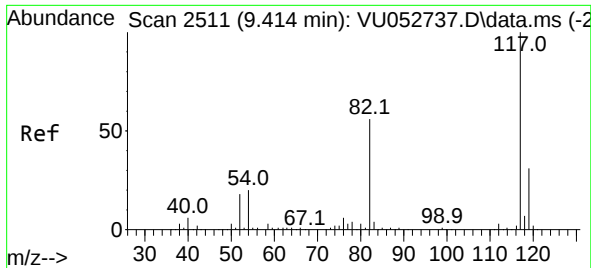
Tgt Ion:107 Resp: 55969
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.944 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 95 Resp: 166272
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.6
176 76.7 0.0 150.6

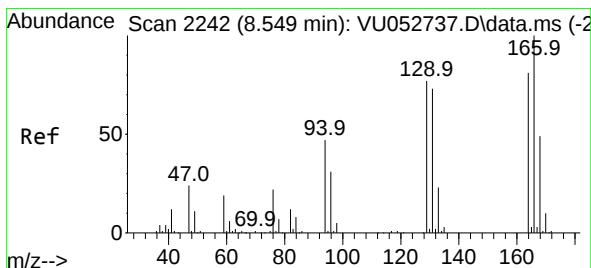
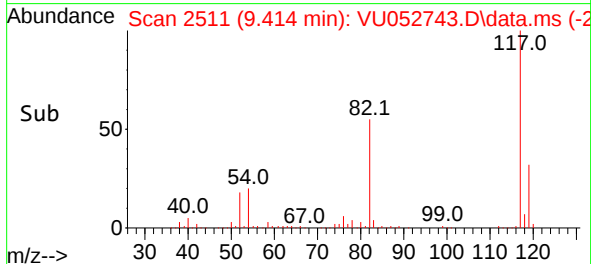
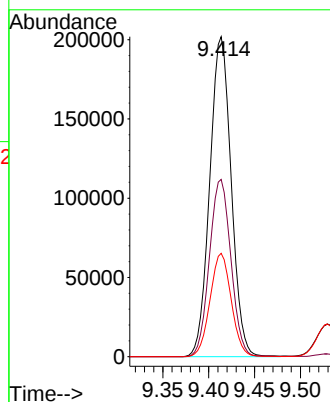
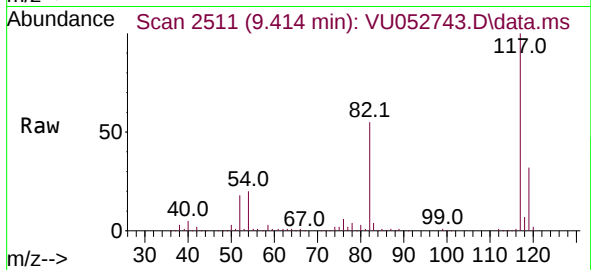




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

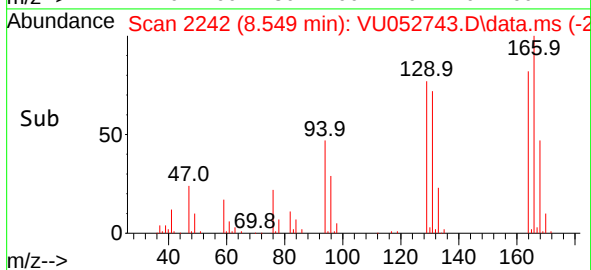
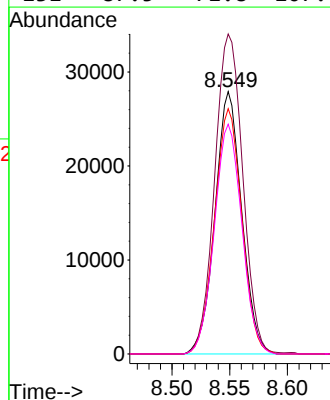
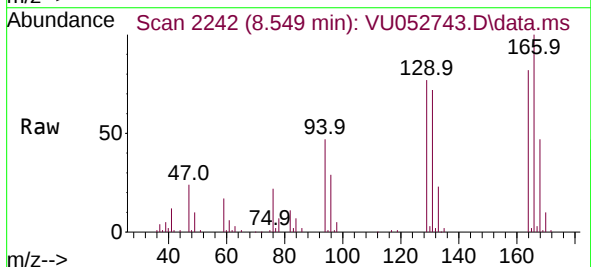
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

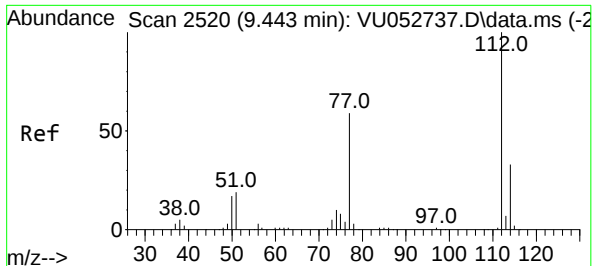
Tgt Ion:117 Resp: 327937
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 19.716 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:164 Resp: 44918
Ion Ratio Lower Upper
164 100
166 121.9 98.9 148.3
129 93.5 76.0 114.0
131 87.5 71.8 107.6

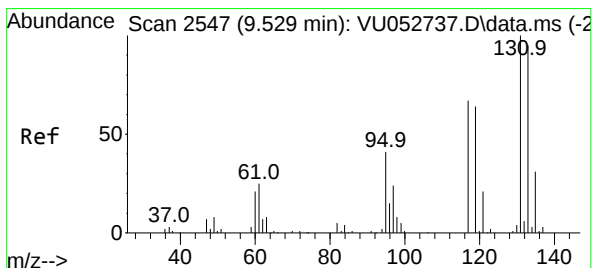
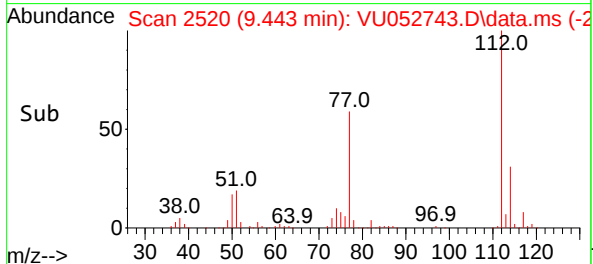
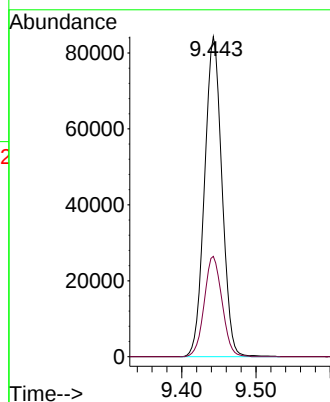
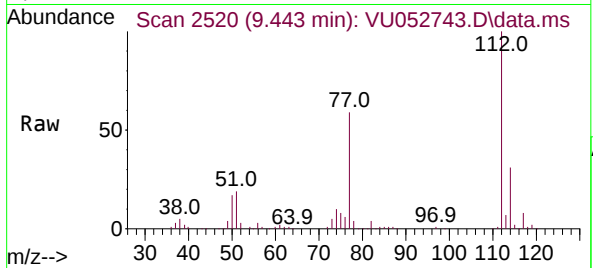




#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

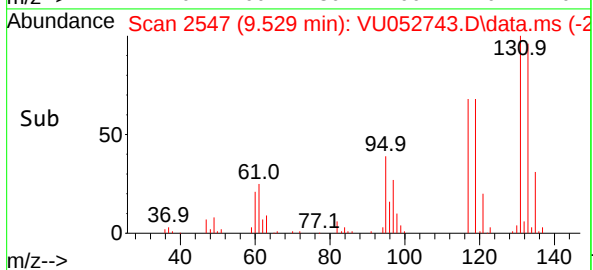
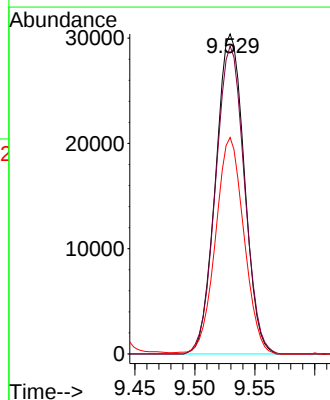
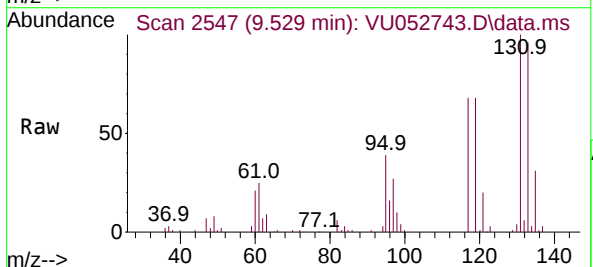
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

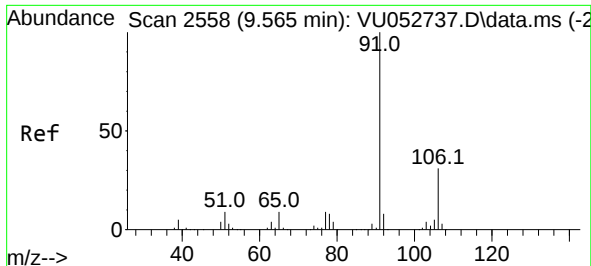
Tgt Ion:112 Resp: 136883
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.404 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:131 Resp: 50476
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 67.1 32.1 96.3





#67

Ethyl Benzene

Concen: 20.219 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

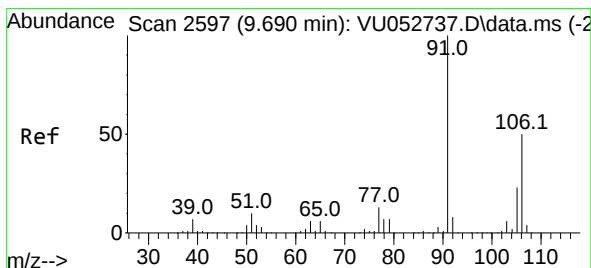
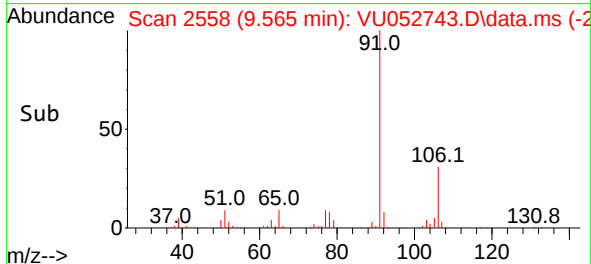
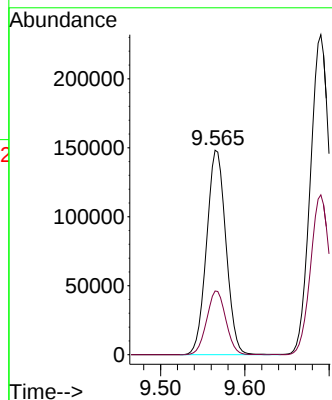
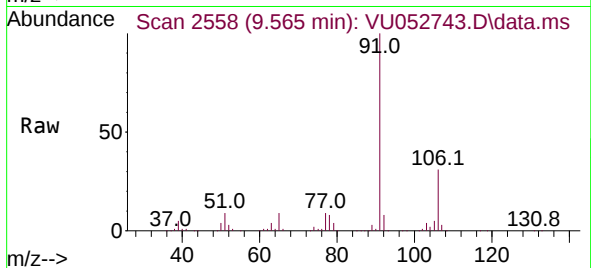
VU0119WBS01

Tgt Ion: 91 Resp: 237111

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 41.285 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052743.D

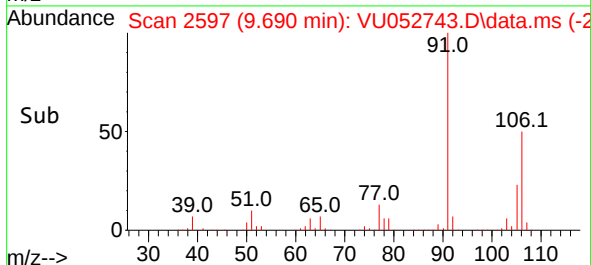
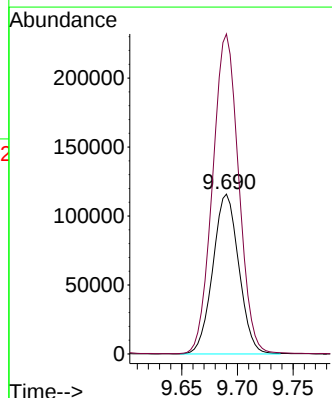
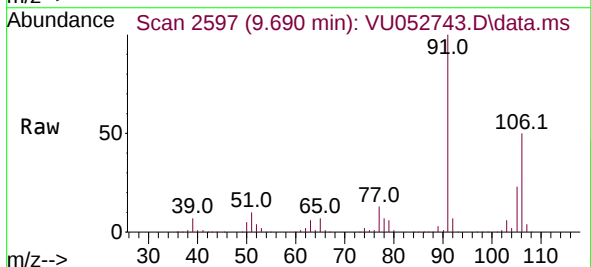
Acq: 19 Jan 2023 18:20

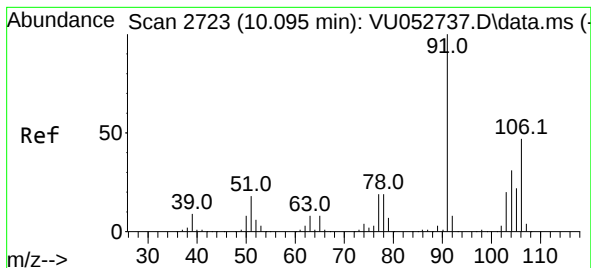
Tgt Ion:106 Resp: 188031

Ion Ratio Lower Upper

106 100

91 201.0 160.8 241.2





#69

o-Xylene

Concen: 20.744 ug/l

RT: 10.095 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

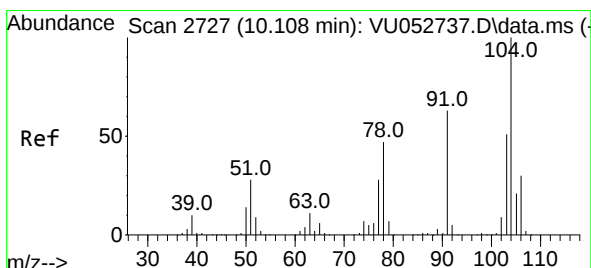
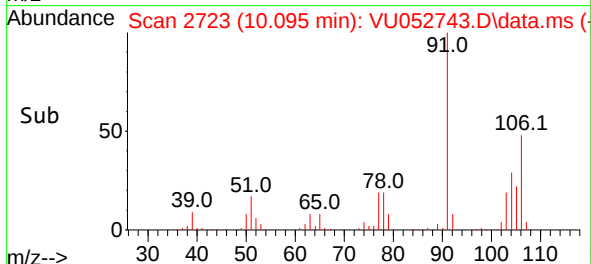
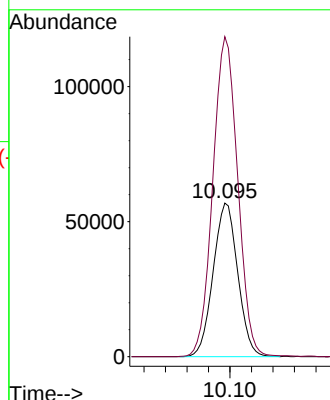
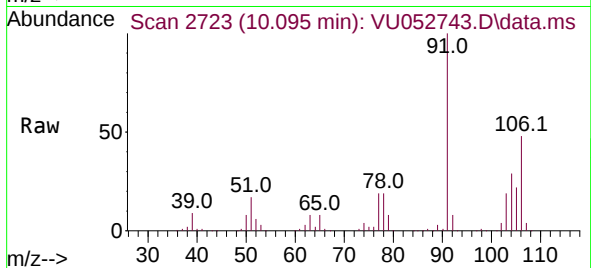
VU0119WBS01

Tgt Ion:106 Resp: 90195

Ion Ratio Lower Upper

106 100

91 211.2 107.9 323.7



#70

Styrene

Concen: 19.579 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

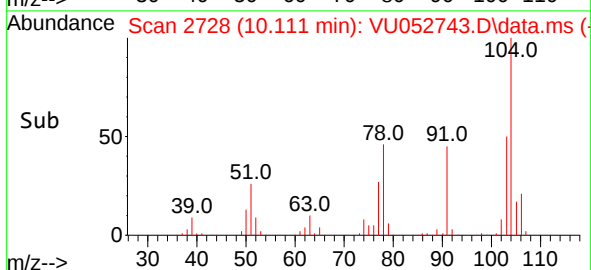
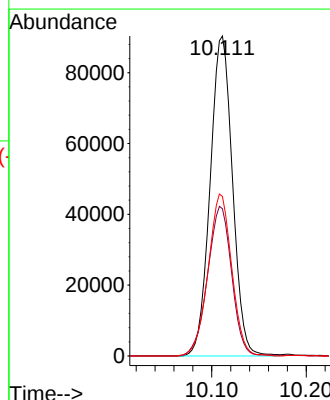
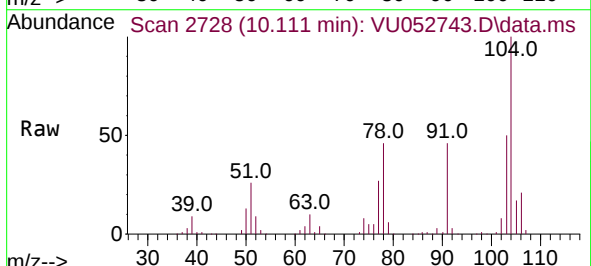
Tgt Ion:104 Resp: 148749

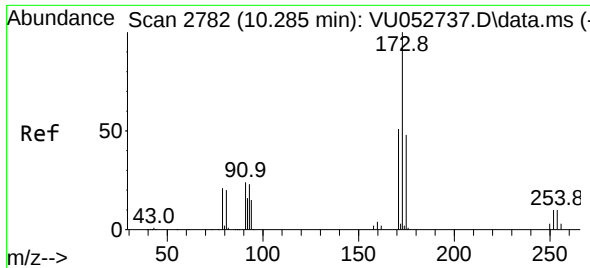
Ion Ratio Lower Upper

104 100

78 50.3 39.9 59.9

103 53.3 43.4 65.2

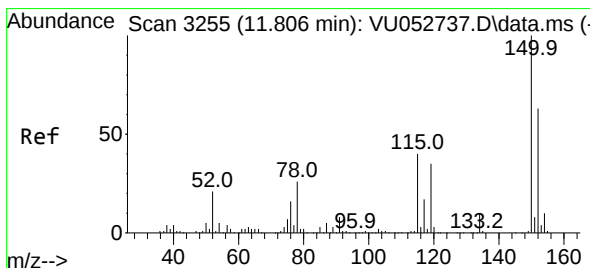
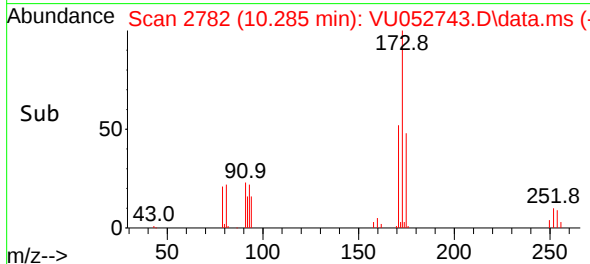
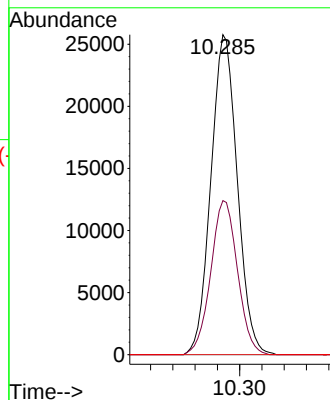
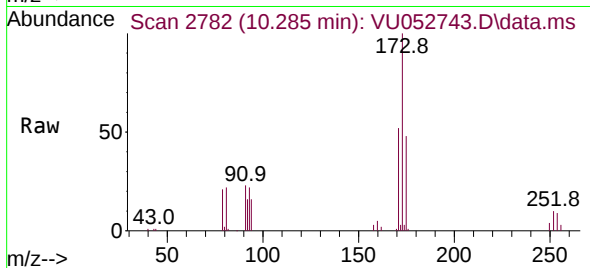




#71
Bromoform
Concen: 19.488 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

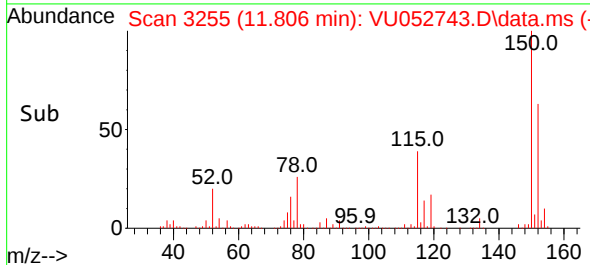
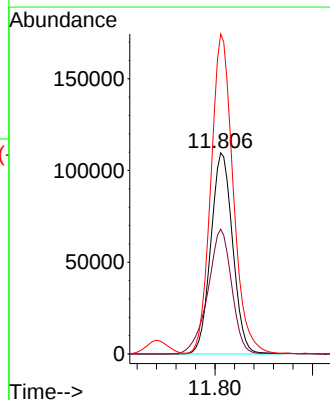
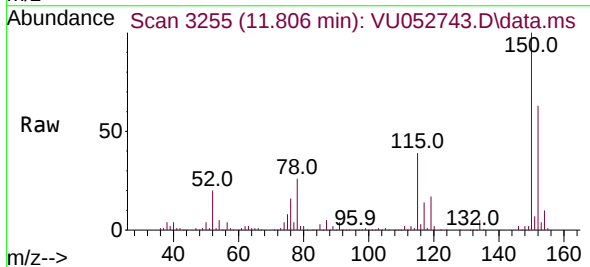
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

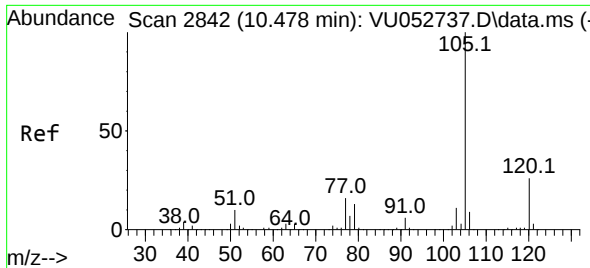
Tgt Ion:173 Resp: 42338
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:152 Resp: 170600
Ion Ratio Lower Upper
152 100
115 67.6 41.7 125.1
150 162.1 0.0 349.2

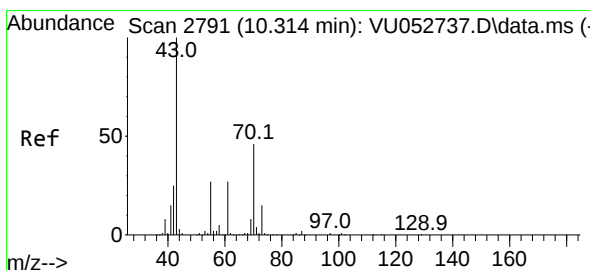
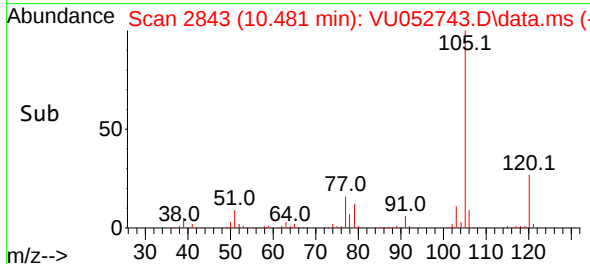
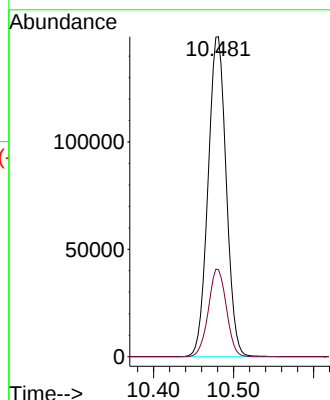
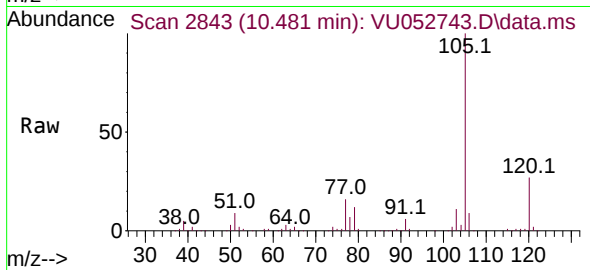




#73
Isopropylbenzene
Concen: 20.968 ug/l
RT: 10.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

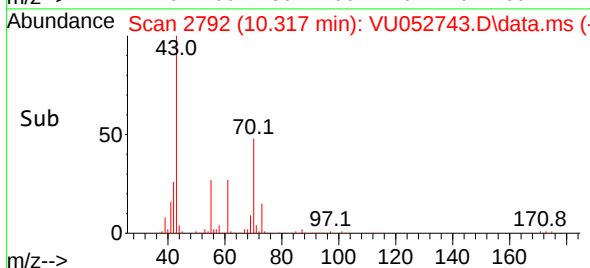
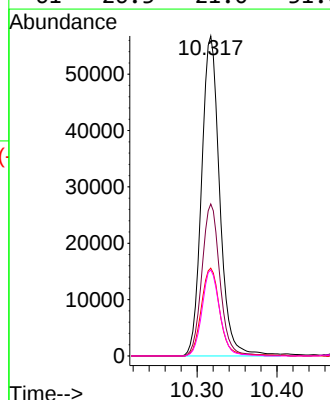
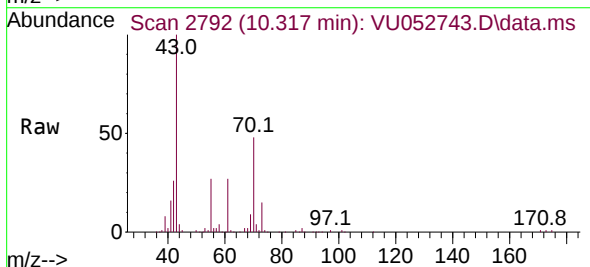
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

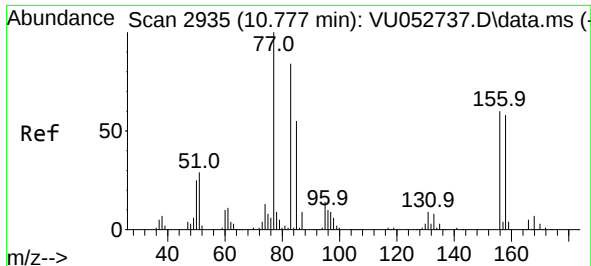
Tgt Ion:105 Resp: 235657
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5



#74
N-amy1 acetate
Concen: 20.971 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 43 Resp: 89791
Ion Ratio Lower Upper
43 100
70 47.3 37.9 56.9
55 28.1 21.9 32.9
61 26.3 21.0 31.6

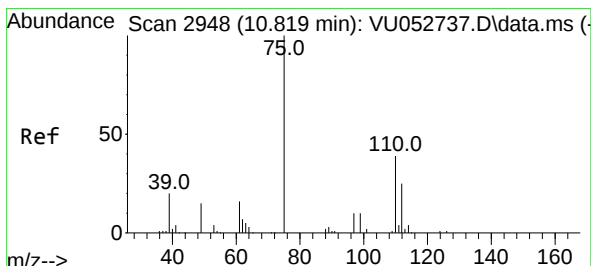
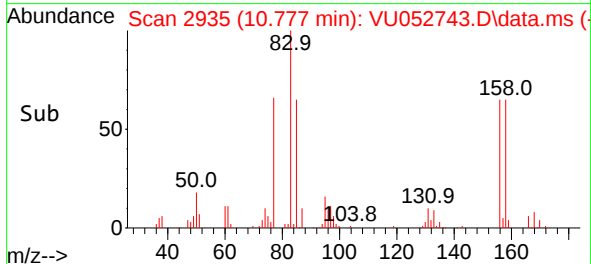
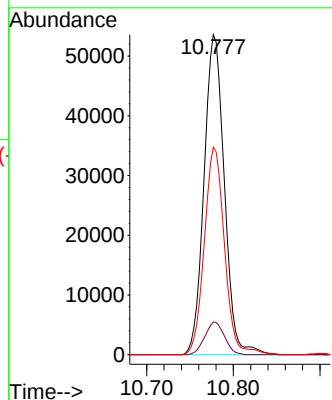
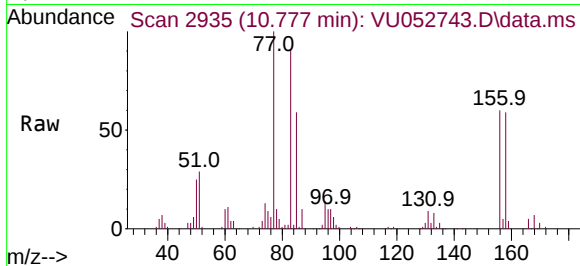




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.604 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

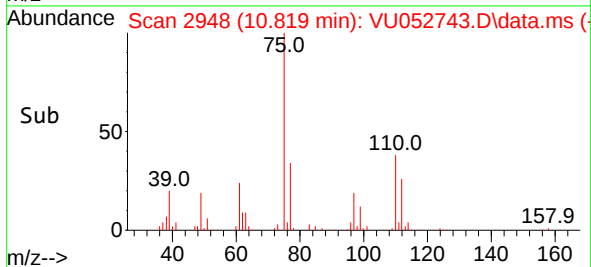
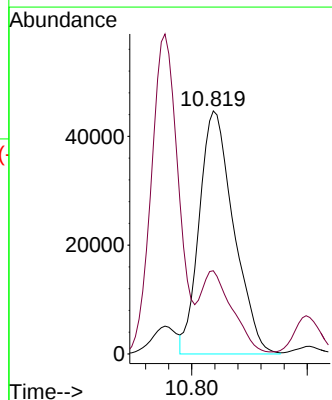
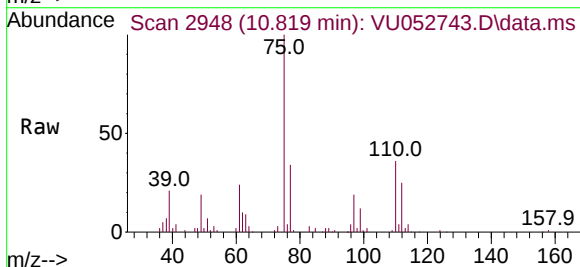
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

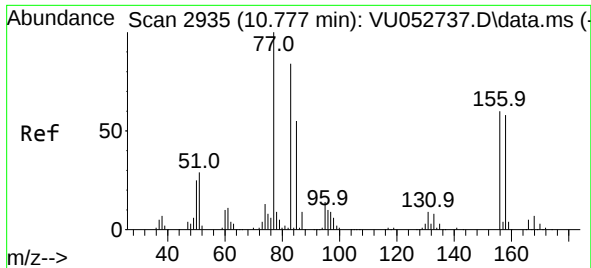
Tgt Ion: 83 Resp: 87292
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 19.880 ug/l
 RT: 10.819 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 75 Resp: 92551
 Ion Ratio Lower Upper
 75 100
 77 31.5 15.0 45.1

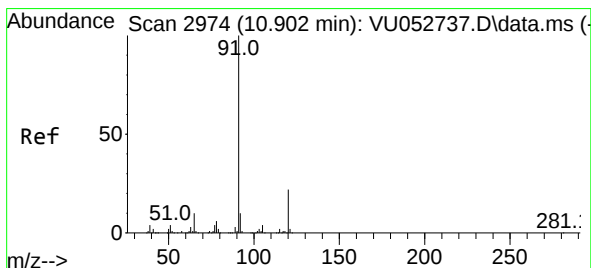
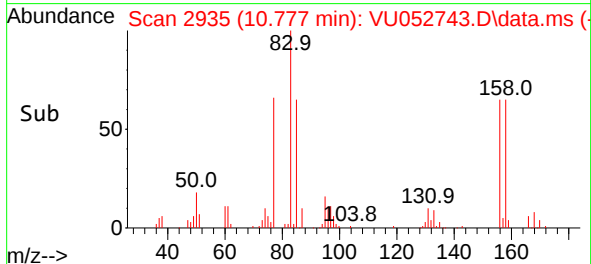
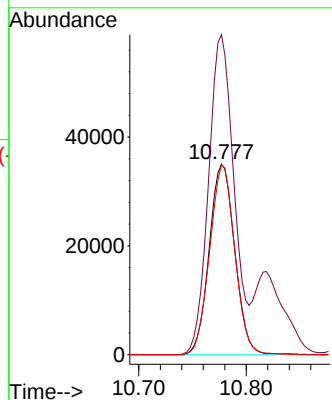
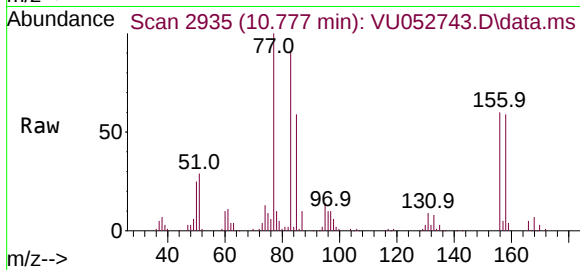




#77
Bromobenzene
Concen: 19.865 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

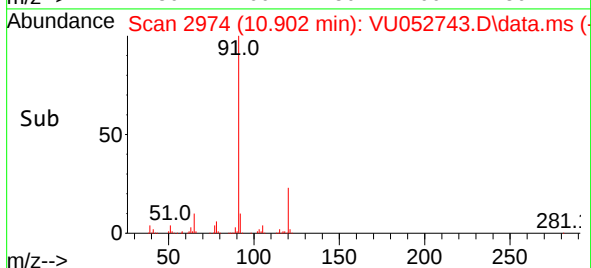
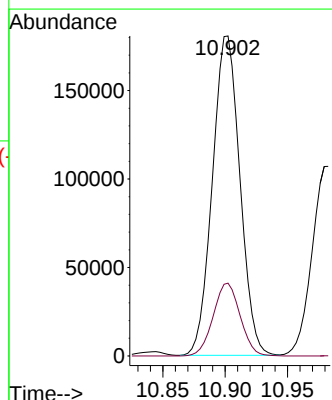
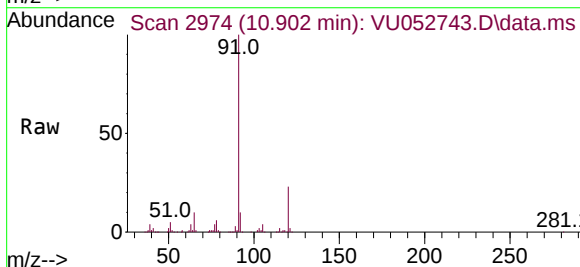
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

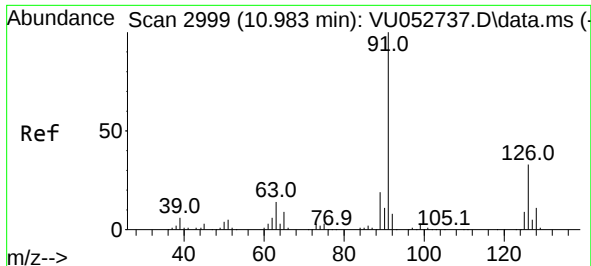
Tgt Ion:156 Resp: 57741
Ion Ratio Lower Upper
156 100
77 166.9 83.8 251.4
158 98.0 48.7 146.1



#78
n-propylbenzene
Concen: 21.017 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 91 Resp: 277799
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8

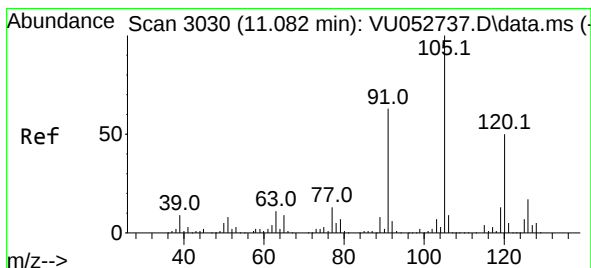
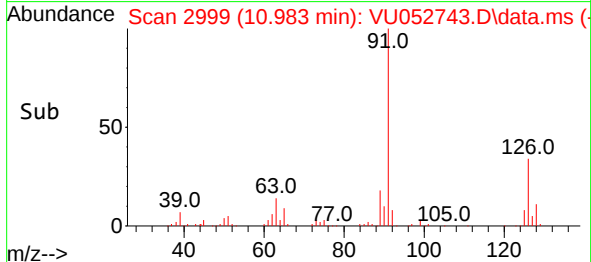
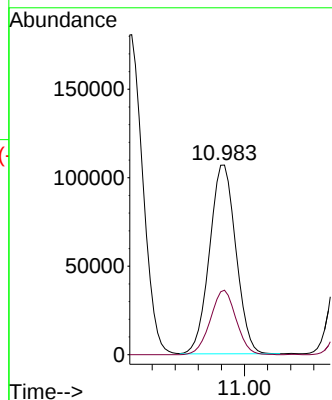
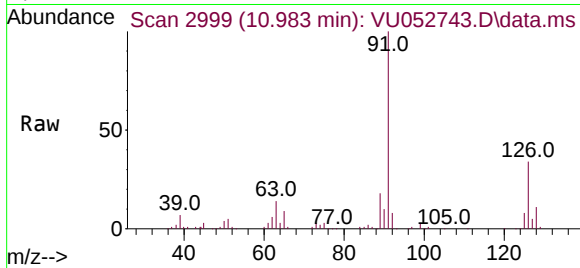




#79
2-Chlorotoluene
Concen: 20.734 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

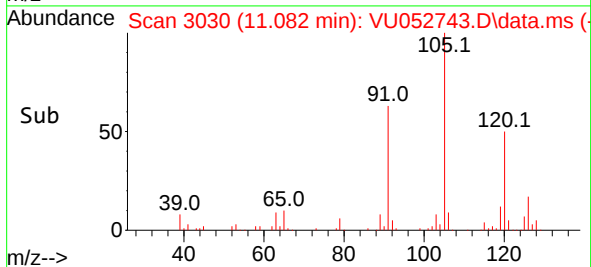
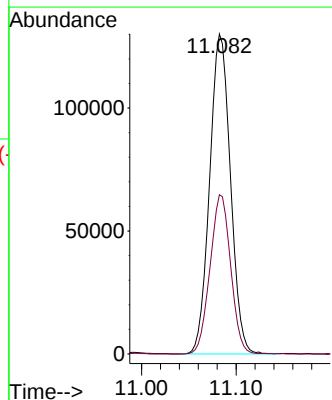
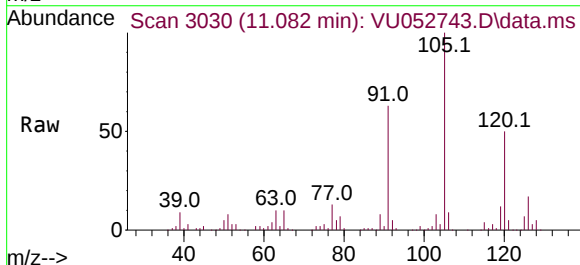
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

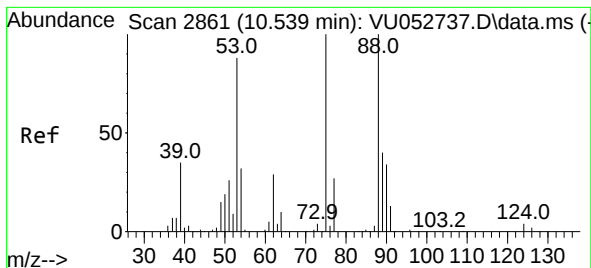
Tgt Ion: 91 Resp: 169357
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.292 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 105 Resp: 198800
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.2

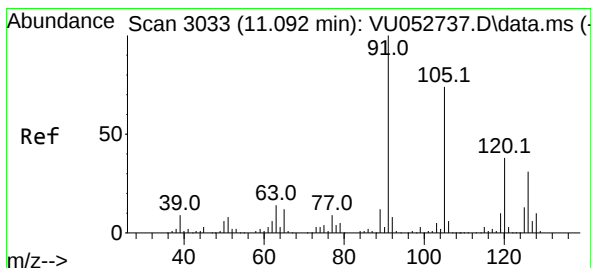
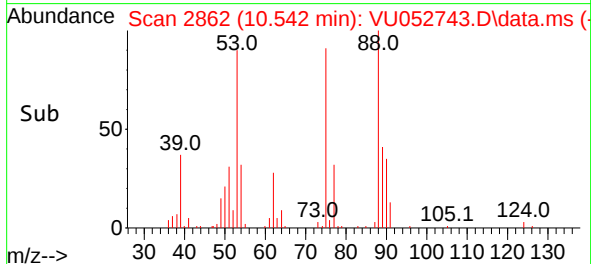
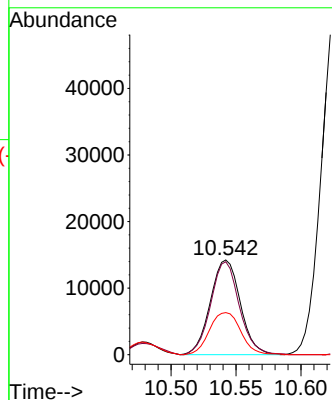
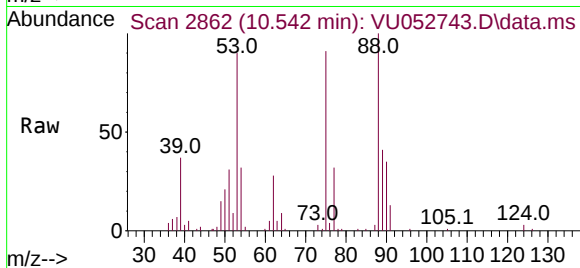




#81
trans-1,4-Dichloro-2-butene
Concen: 19.059 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

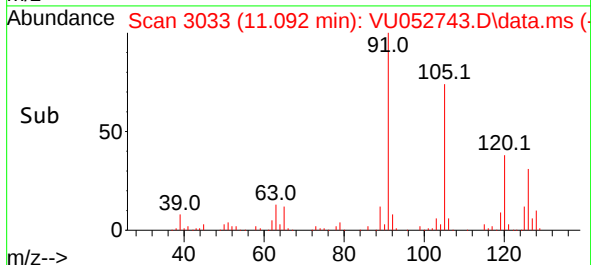
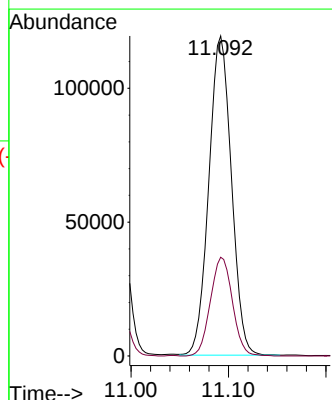
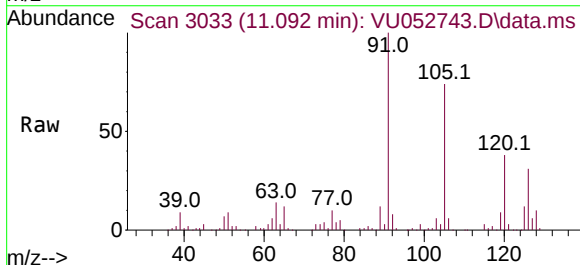
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

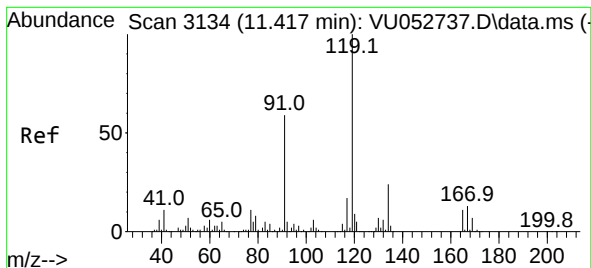
Tgt Ion: 75 Resp: 22834
Ion Ratio Lower Upper
75 100
53 93.9 72.4 108.6
89 46.5 35.0 52.4



#82
4-Chlorotoluene
Concen: 20.561 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 91 Resp: 191420
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.7





#83

tert-Butylbenzene

Concen: 20.561 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

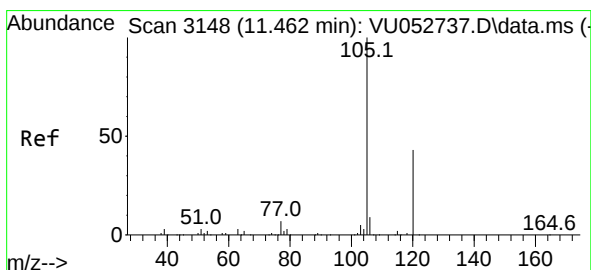
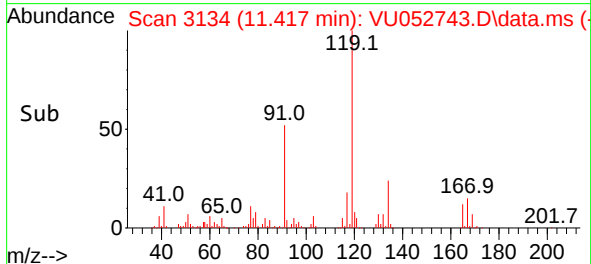
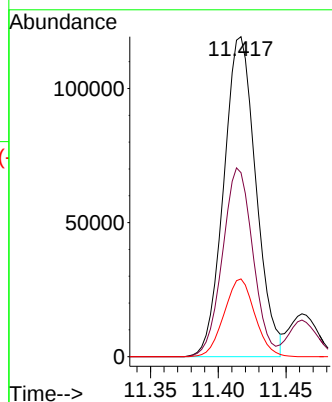
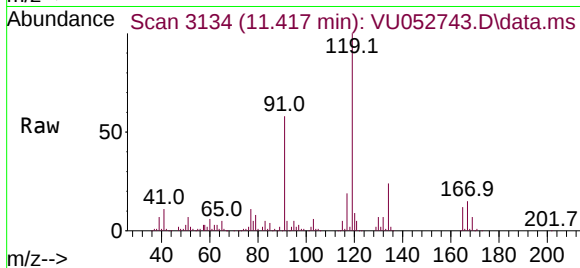
Tgt Ion:119 Resp: 197038

Ion Ratio Lower Upper

119 100

91 55.7 28.4 85.2

134 23.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 21.218 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU052743.D

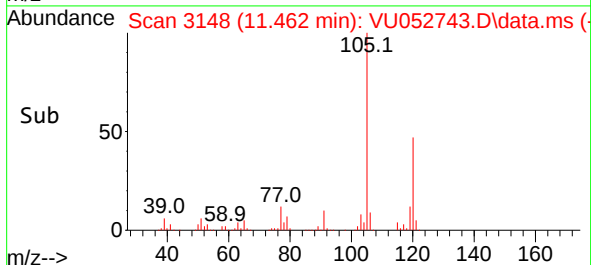
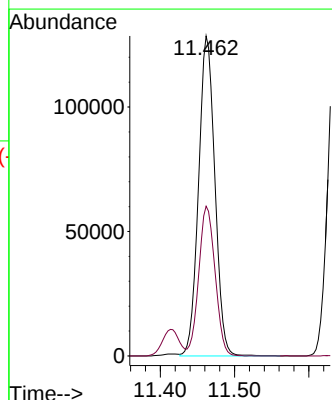
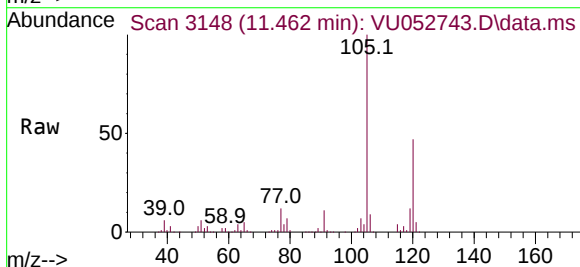
Acq: 19 Jan 2023 18:20

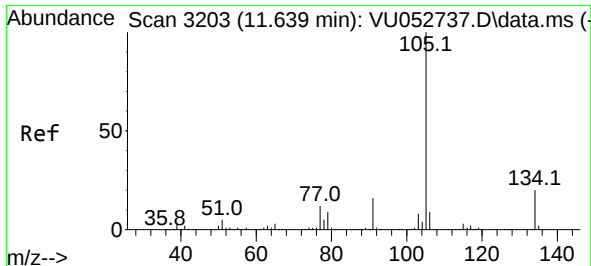
Tgt Ion:105 Resp: 196631

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.5

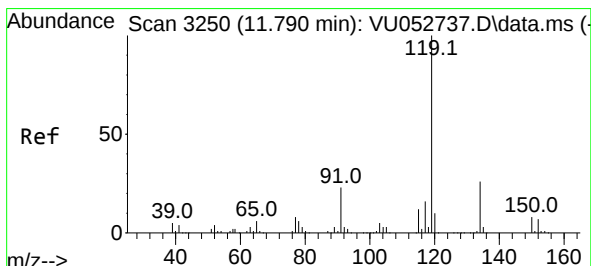
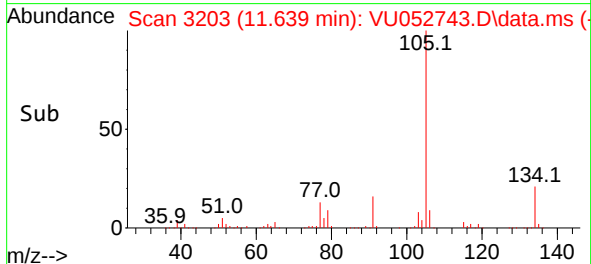
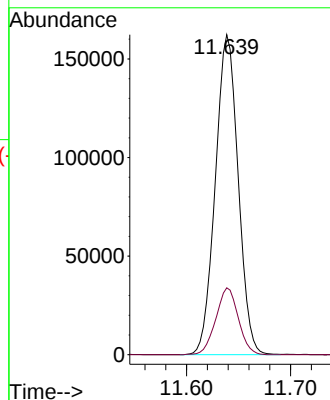
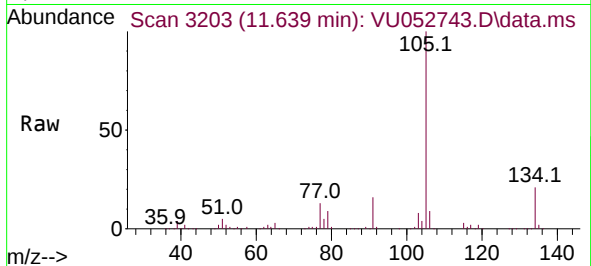




#85
 sec-Butylbenzene
 Concen: 21.144 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

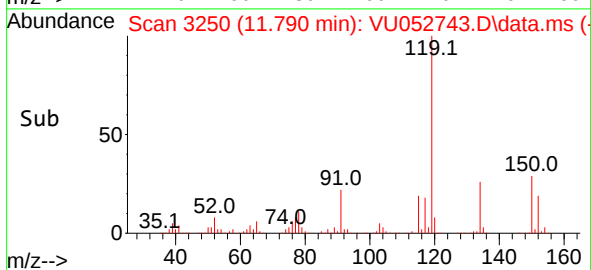
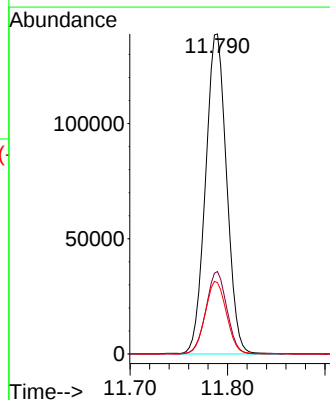
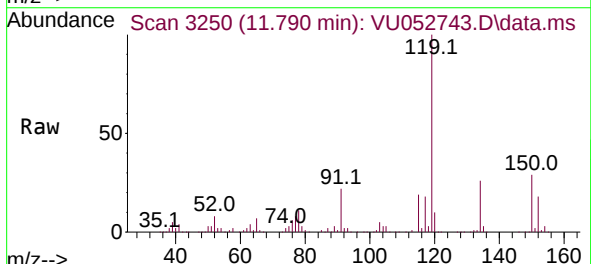
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

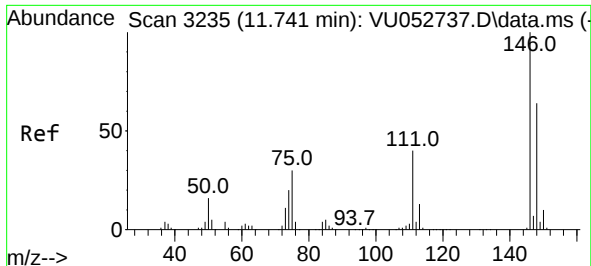
Tgt Ion:105 Resp: 248037
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.948 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion:119 Resp: 208953
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.765 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

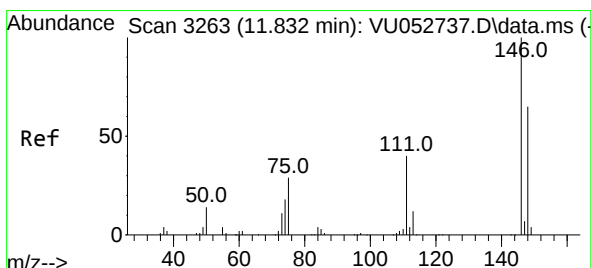
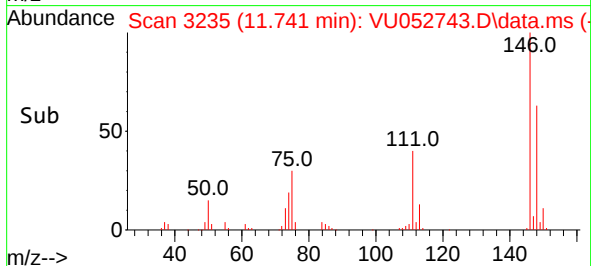
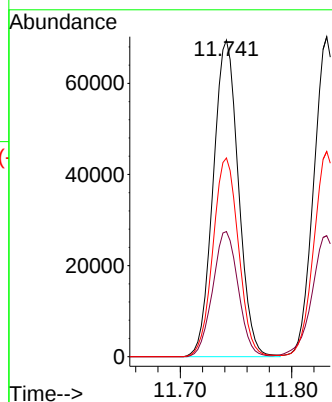
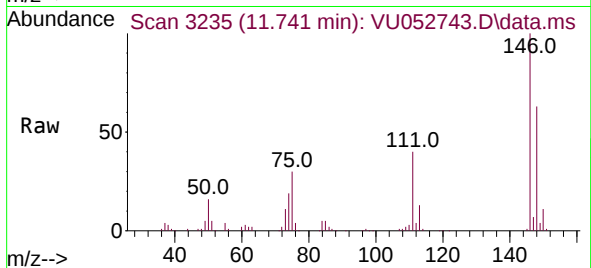
Tgt Ion:146 Resp: 109513

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

148 63.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 19.557 ug/l

RT: 11.831 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

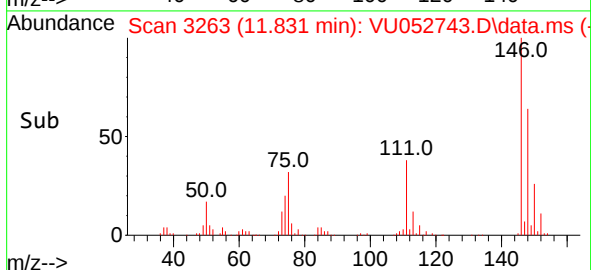
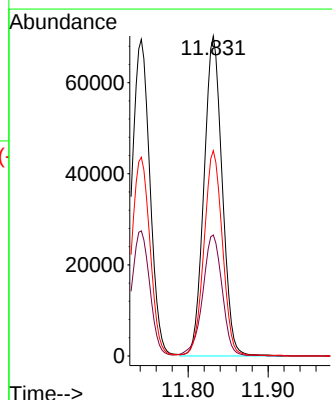
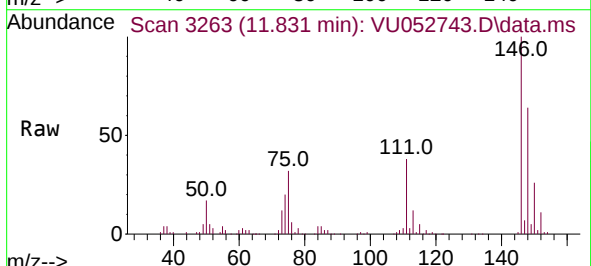
Tgt Ion:146 Resp: 111414

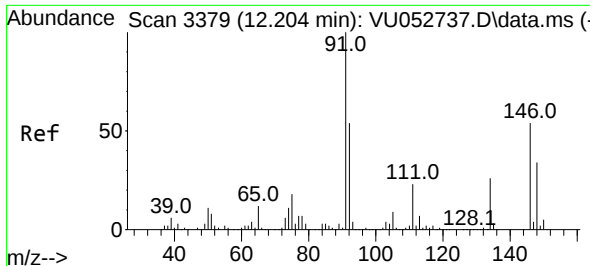
Ion Ratio Lower Upper

146 100

111 39.9 20.3 61.0

148 64.5 32.3 96.8

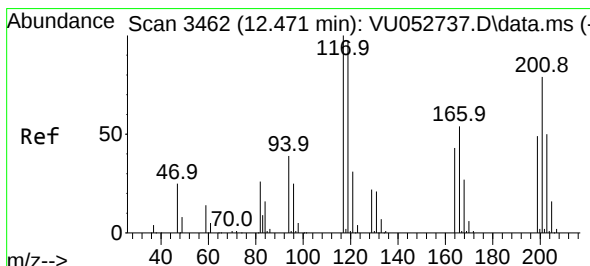
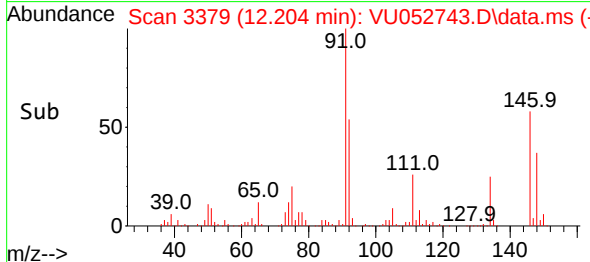
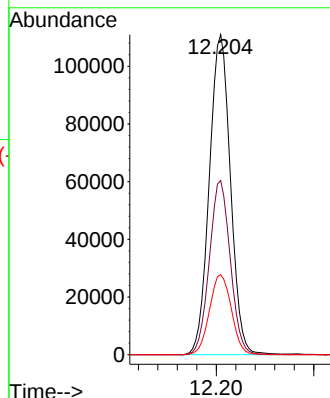
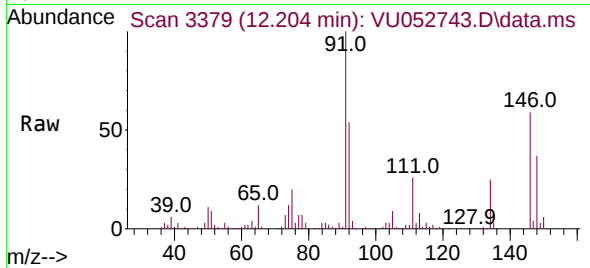




#89
n-Butylbenzene
Concen: 18.816 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

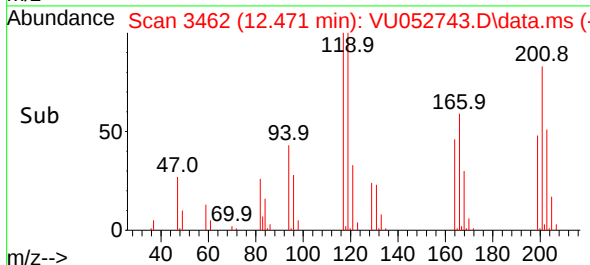
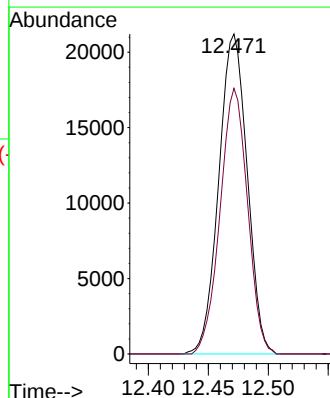
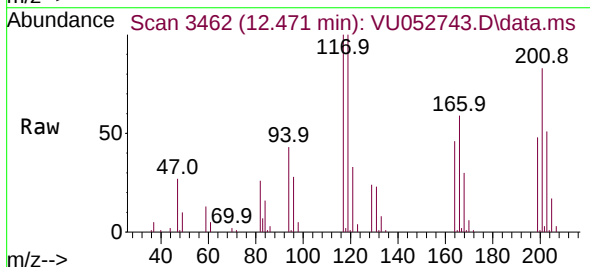
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

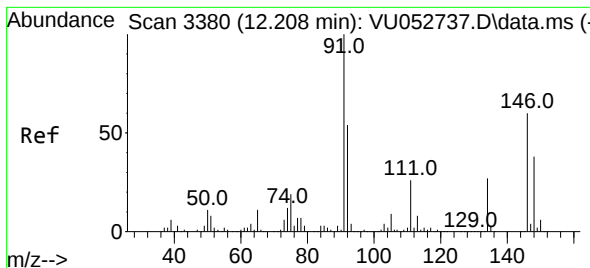
Tgt Ion: 91 Resp: 166977
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.9 13.1 39.3



#90
Hexachloroethane
Concen: 18.232 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 117 Resp: 34891
Ion Ratio Lower Upper
117 100
201 80.2 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.680 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

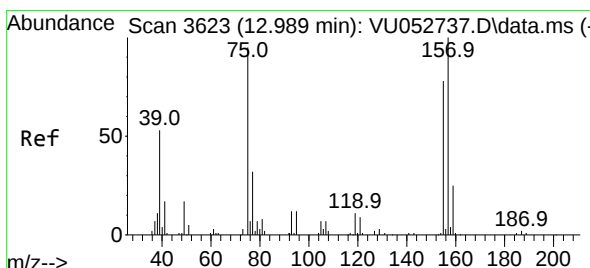
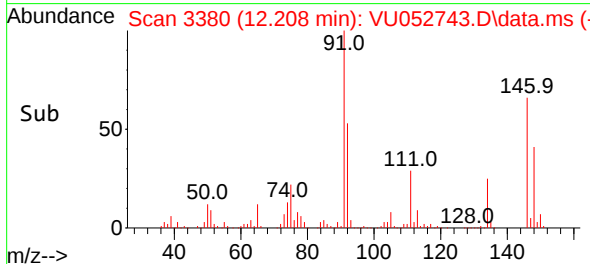
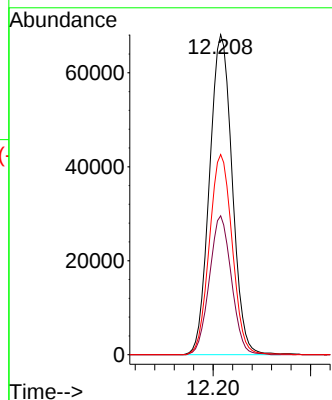
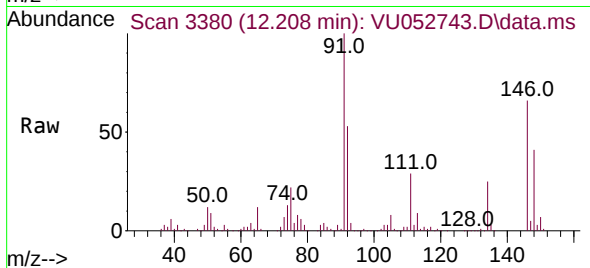
Tgt Ion:146 Resp: 109967

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 63.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.565 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

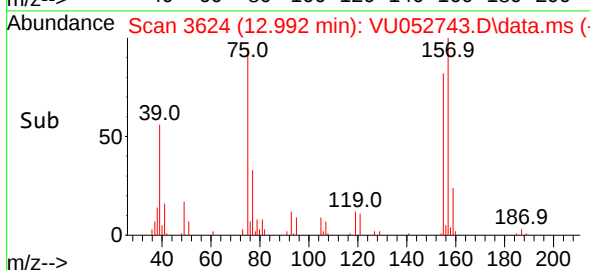
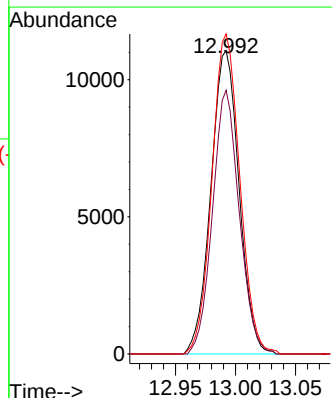
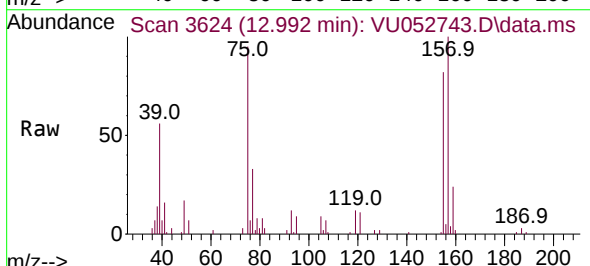
Tgt Ion: 75 Resp: 18077

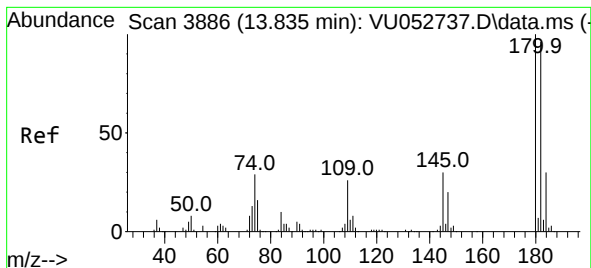
Ion Ratio Lower Upper

75 100

155 82.5 41.4 124.4

157 104.3 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 19.060 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

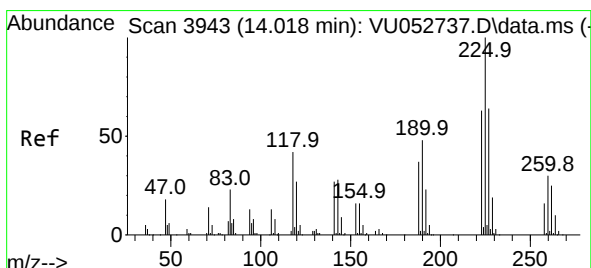
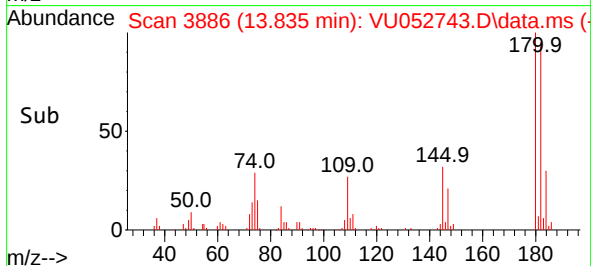
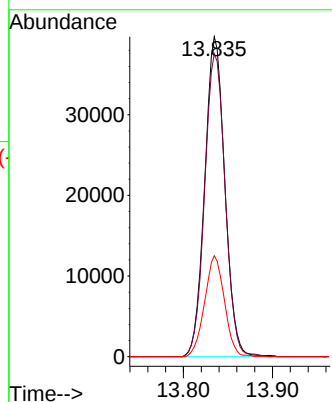
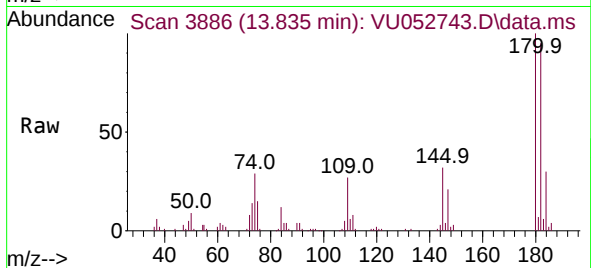
Tgt Ion:180 Resp: 62201

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 31.0 14.9 44.5



#94

Hexachlorobutadiene

Concen: 19.103 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

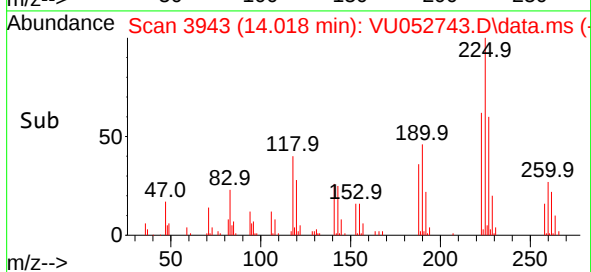
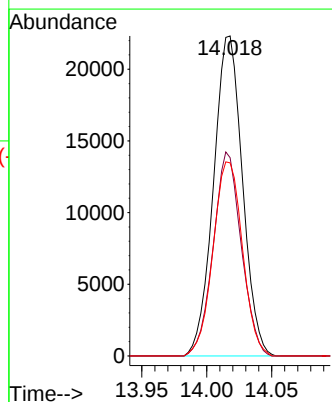
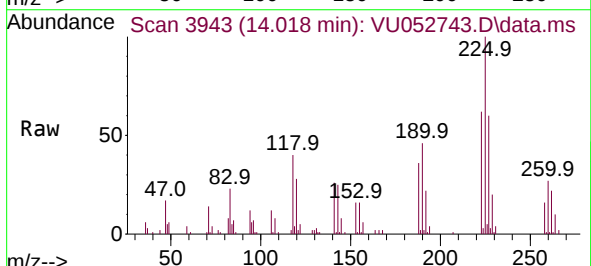
Tgt Ion:225 Resp: 34555

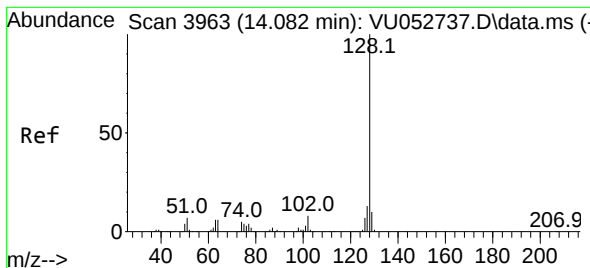
Ion Ratio Lower Upper

225 100

223 61.7 31.8 95.3

227 61.6 31.8 95.4





#95

Naphthalene

Concen: 18.673 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

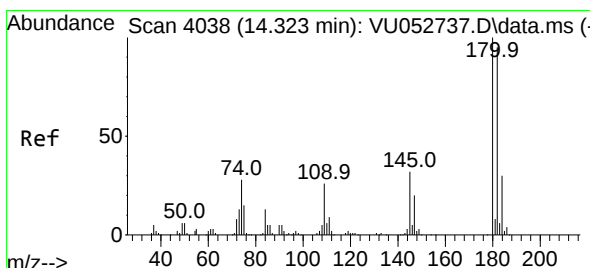
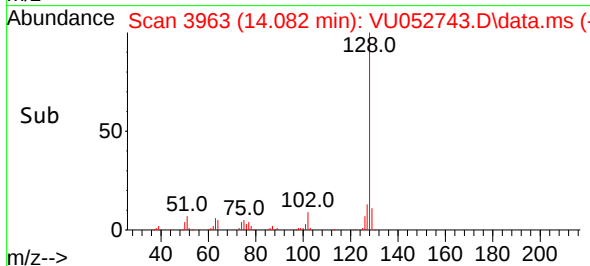
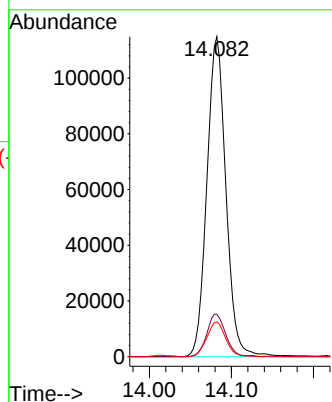
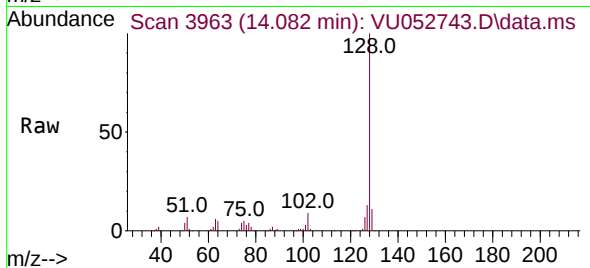
Tgt Ion:128 Resp: 184491

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.964 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Tgt Ion:180 Resp: 64677

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 31.7 15.8 47.4

