

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052755.D
 Acq On : 20 Jan 2023 12:09
 Operator : JC/MD
 Sample : VU0120WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBSD01

Quant Time: Jan 21 01:01:22 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	201175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	327473	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	305867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	158865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	145228	50.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.260%	
35) Dibromofluoromethane	5.282	113	114754	50.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	7.893	98	429225	50.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	10.629	95	158483	50.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	44756	18.867	ug/l	98
3) Chloromethane	1.520	50	44999	18.467	ug/l	100
4) Vinyl Chloride	1.604	62	46554	19.156	ug/l	98
5) Bromomethane	1.858	94	24638	20.536	ug/l	97
6) Chloroethane	1.932	64	27738	18.056	ug/l	98
7) Trichlorofluoromethane	2.131	101	71894	19.215	ug/l	94
8) Diethyl Ether	2.372	74	27124	19.915	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	43693	20.194	ug/l	99
10) Methyl Iodide	2.719	142	37568	22.115	ug/l	96
11) Tert butyl alcohol	3.208	59	5056	10.242	ug/l #	88
12) 1,1-Dichloroethene	2.578	96	41547	19.416	ug/l	96
13) Acrolein	2.485	56	50775	109.650	ug/l	99
14) Allyl chloride	2.919	41	67941	20.157	ug/l	99
15) Acrylonitrile	3.311	53	134083	98.436	ug/l	99
16) Acetone	2.636	43	137282	99.419	ug/l	98
17) Carbon Disulfide	2.790	76	118957	18.553	ug/l	98
18) Methyl Acetate	2.948	43	74142	19.400	ug/l	98
19) Methyl tert-butyl Ether	3.356	73	147729	20.377	ug/l	98
20) Methylene Chloride	3.044	84	50831	19.617	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	45856	19.879	ug/l	98
22) Diisopropyl ether	3.986	45	141467	20.183	ug/l	97
23) Vinyl Acetate	3.948	43	537812	99.998	ug/l	98
24) 1,1-Dichloroethane	3.864	63	86988	19.567	ug/l	99
25) 2-Butanone	4.703	43	175911	98.779	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73057	20.032	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	52968	20.918	ug/l	98
28) Bromochloromethane	4.967	49	38532	20.765	ug/l	98
29) Tetrahydrofuran	5.050	42	104386	100.974	ug/l	99
30) Chloroform	5.083	83	89484	18.831	ug/l	98
31) Cyclohexane	5.382	56	79906	19.682	ug/l	97
32) 1,1,1-Trichloroethane	5.311	97	77307	19.861	ug/l	99
36) 1,1-Dichloropropene	5.520	75	63078	19.280	ug/l	98
37) Ethyl Acetate	4.800	43	67143	18.879	ug/l	98
38) Carbon Tetrachloride	5.520	117	65302	19.401	ug/l	98
39) Methylcyclohexane	6.758	83	72803	19.123	ug/l	96
40) Benzene	5.767	78	192485	19.484	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	34113	19.827	ug/l	97
42) 1,2-Dichloroethane	5.787	62	71122	19.938	ug/l	99
43) Isopropyl Acetate	5.906	43	98268	19.823	ug/l	99
44) Trichloroethene	6.536	130	48251	19.747	ug/l	98
45) 1,2-Dichloropropane	6.787	63	50096	19.660	ug/l	96
46) Dibromomethane	6.912	93	34094	19.321	ug/l	96
47) Bromodichloromethane	7.099	83	69173	19.590	ug/l	99
48) Methyl methacrylate	6.957	41	46533	20.599	ug/l	98
49) 1,4-Dioxane	7.025	88	19291	440.719	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	327634	102.117	ug/l	100
52) Toluene	7.963	92	121876	20.399	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	72351	19.616	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	78819	20.036	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	48018	19.690	ug/l	98
56) Ethyl methacrylate	8.330	69	71292	19.682	ug/l	100
57) 1,3-Dichloropropane	8.571	76	85605	20.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	9508	91.190	ug/l	99
59) 2-Hexanone	8.687	43	252723	102.249	ug/l	99
60) Dibromochloromethane	8.806	129	52868	19.741	ug/l	98
61) 1,2-Dibromoethane	8.918	107	51731	20.205	ug/l	99
64) Tetrachloroethene	8.549	164	41376	19.472	ug/l	95
65) Chlorobenzene	9.443	112	127207	19.654	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	47077	19.403	ug/l	99
67) Ethyl Benzene	9.565	91	216241	19.770	ug/l	100
68) m/p-Xylenes	9.690	106	173220	40.777	ug/l	100
69) o-Xylene	10.095	106	82422	20.325	ug/l	100
70) Styrene	10.111	104	140202	19.771	ug/l	99
71) Bromoform	10.288	173	40088	19.784	ug/l #	99
73) Isopropylbenzene	10.481	105	218862	20.912	ug/l	100
74) N-amyl acetate	10.317	43	82053	20.579	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.780	83	80861	19.501	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	87595	20.205	ug/l	100
77) Bromobenzene	10.780	156	54090	19.983	ug/l	98
78) n-propylbenzene	10.902	91	253761	20.616	ug/l	99
79) 2-Chlorotoluene	10.983	91	155406	20.432	ug/l	98
80) 1,3,5-Trimethylbenzene	11.082	105	185678	21.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	22134	19.839	ug/l	96
82) 4-Chlorotoluene	11.092	91	181824	20.973	ug/l	99
83) tert-Butylbenzene	11.417	119	183902	20.608	ug/l	98
84) 1,2,4-Trimethylbenzene	11.462	105	185817	21.532	ug/l	99
85) sec-Butylbenzene	11.639	105	228376	20.906	ug/l	99
86) p-Isopropyltoluene	11.790	119	190901	20.552	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	106123	20.568	ug/l	100
88) 1,4-Dichlorobenzene	11.832	146	106415	20.059	ug/l	99
89) n-Butylbenzene	12.204	91	155819	18.851	ug/l	100
90) Hexachloroethane	12.471	117	33624	18.868	ug/l	100
91) 1,2-Dichlorobenzene	12.208	146	105157	20.210	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16666	19.371	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	60551	19.925	ug/l	100
94) Hexachlorobutadiene	14.015	225	31774	18.863	ug/l	97
95) Naphthalene	14.082	128	178000	19.256	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	61062	20.240	ug/l	100

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ClientSampleId :
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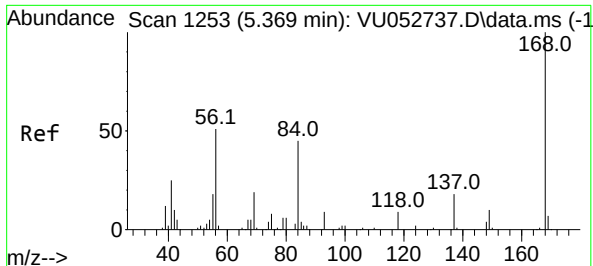
Quant Time: Jan 21 01:01:22 2023
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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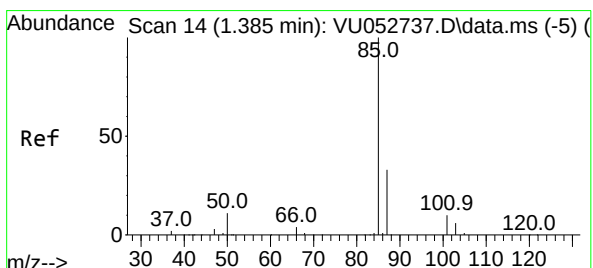
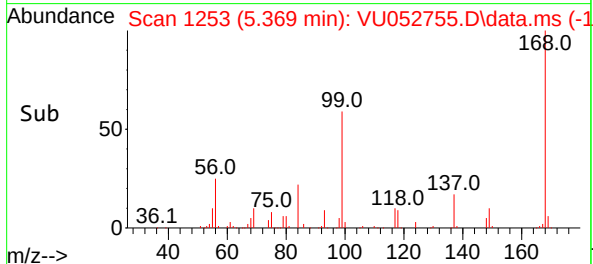
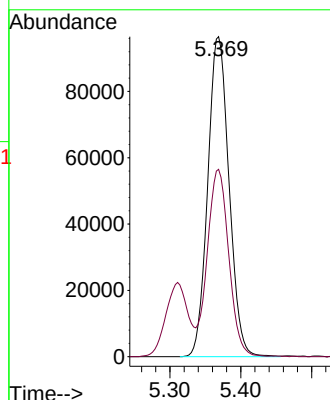
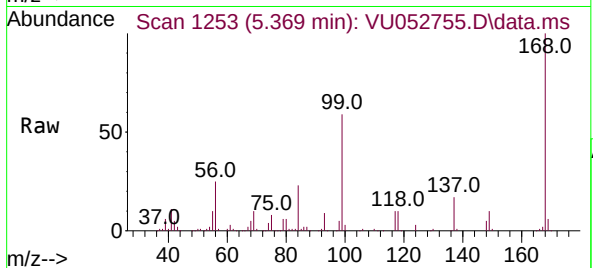




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

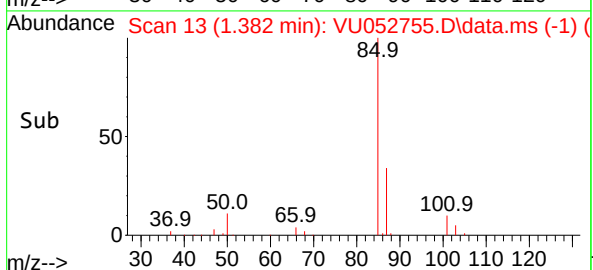
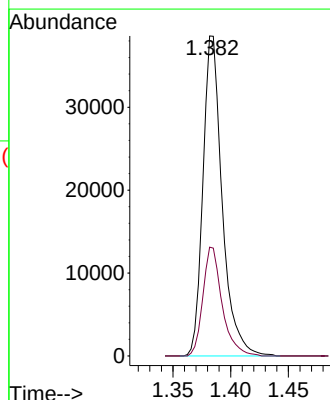
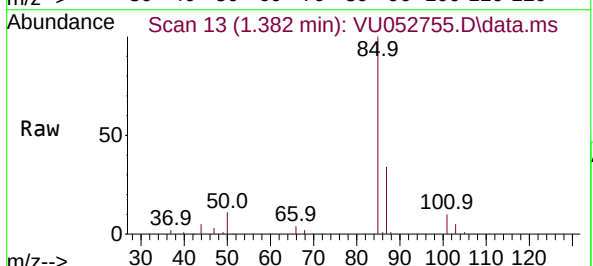
Instrument :
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VU0120WBSD01

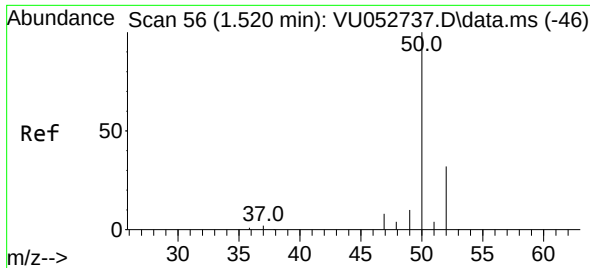
Tgt Ion:168 Resp: 201175
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 18.867 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 85 Resp: 44756
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.7

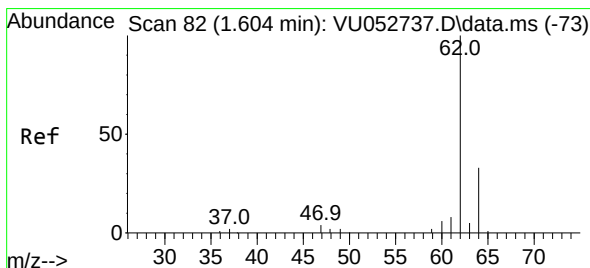
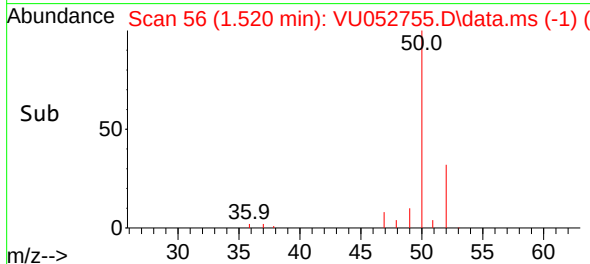
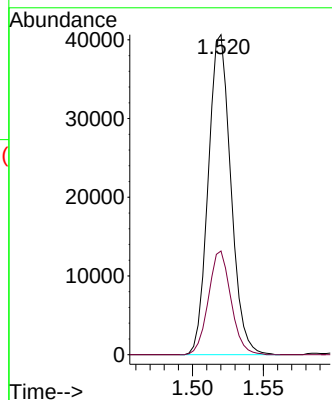
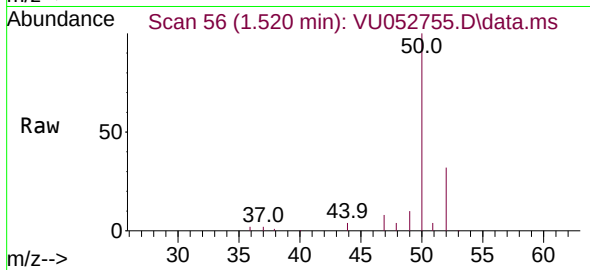




#3
Chloromethane
Concen: 18.467 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

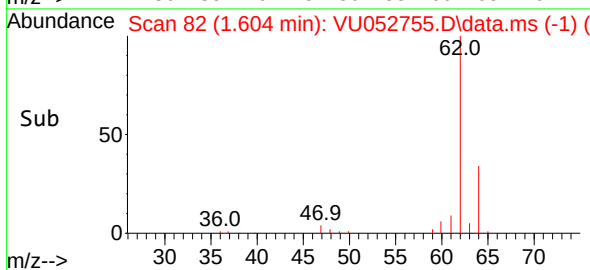
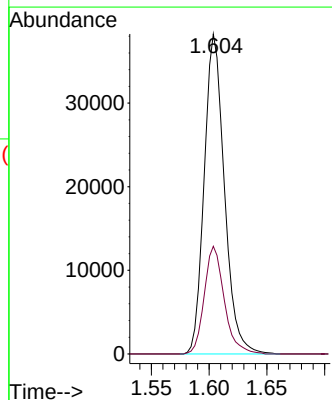
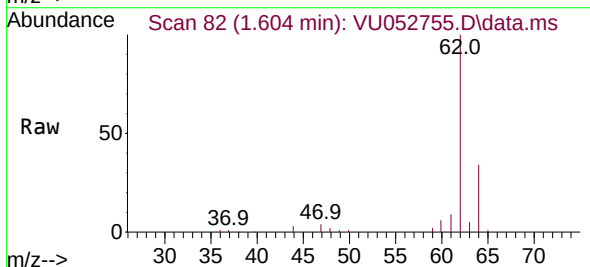
Instrument :
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VU0120WBSD01

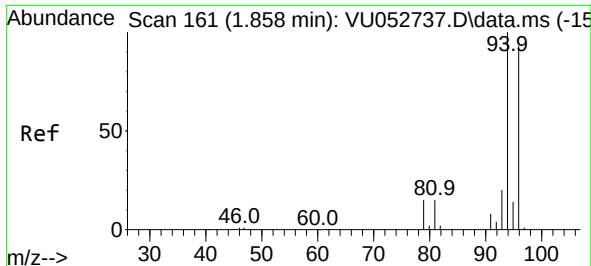
Tgt Ion: 50 Resp: 44999
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6



#4
Vinyl Chloride
Concen: 19.156 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 62 Resp: 46554
Ion Ratio Lower Upper
62 100
64 33.7 26.1 39.1

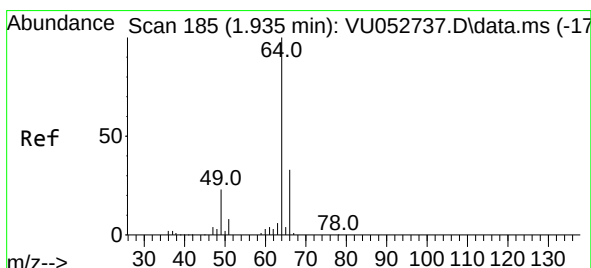
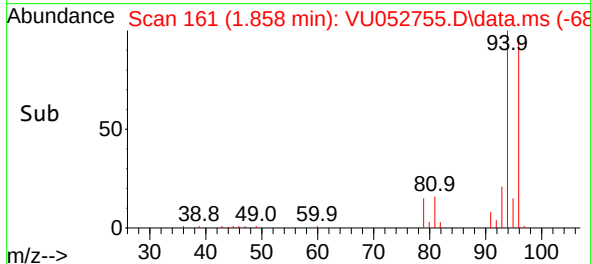
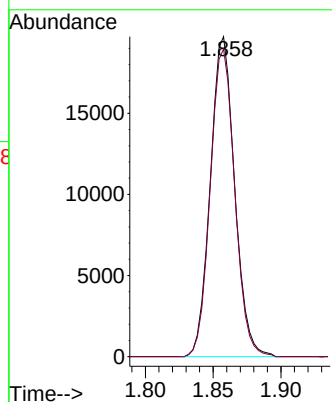
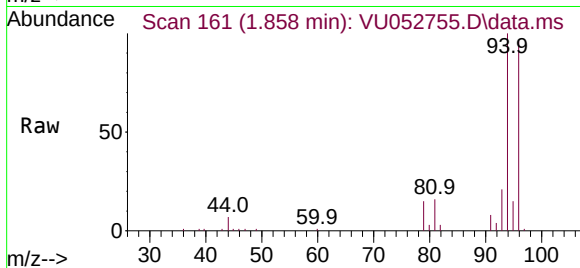




#5
Bromomethane
Concen: 20.536 ug/l
RT: 1.858 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

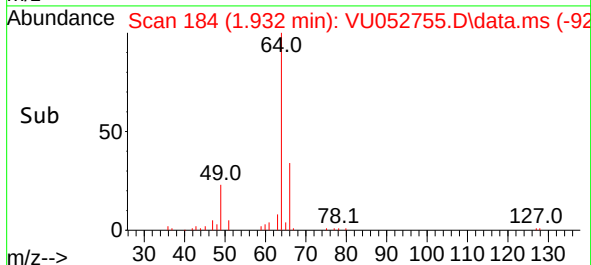
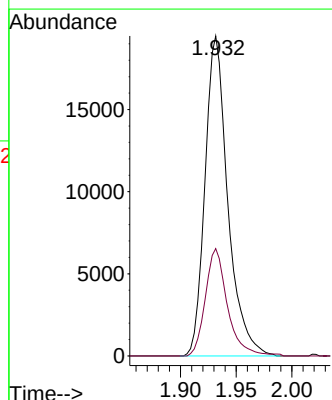
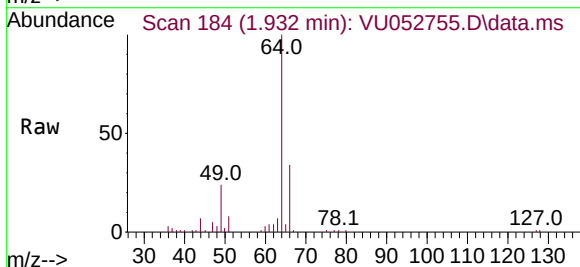
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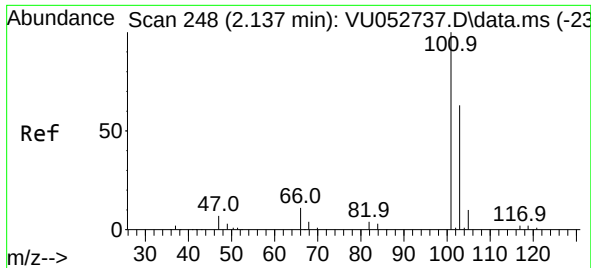
Tgt Ion: 94 Resp: 24638
Ion Ratio Lower Upper
94 100
96 96.1 74.3 111.5



#6
Chloroethane
Concen: 18.056 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 64 Resp: 27738
Ion Ratio Lower Upper
64 100
66 33.6 26.1 39.1

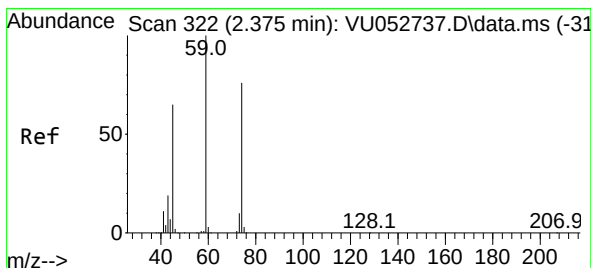
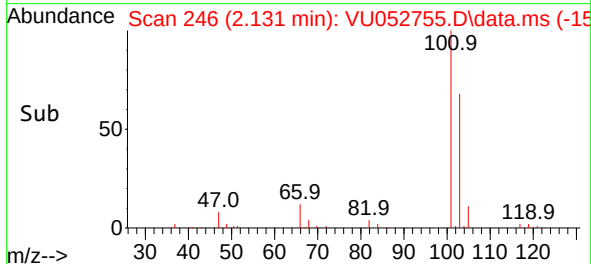
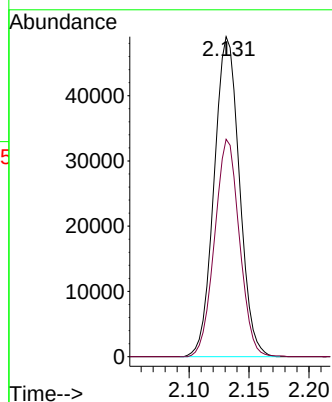
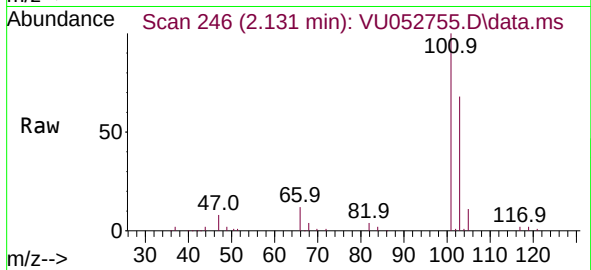




#7
 Trichlorofluoromethane
 Concen: 19.215 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. -0.006 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

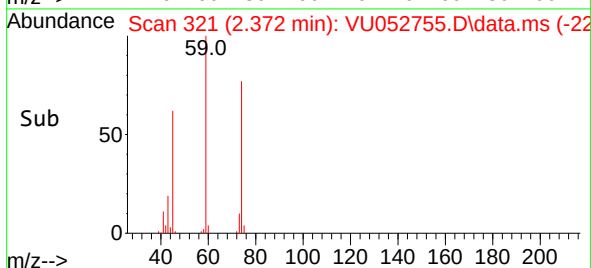
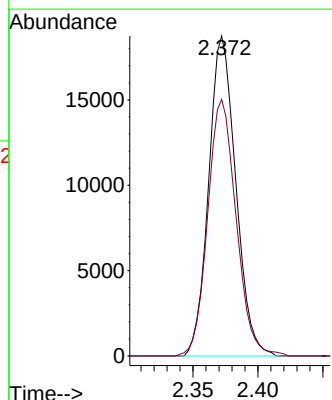
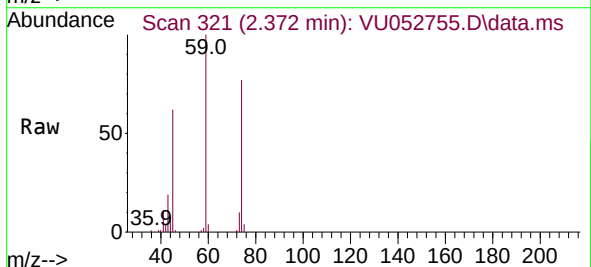
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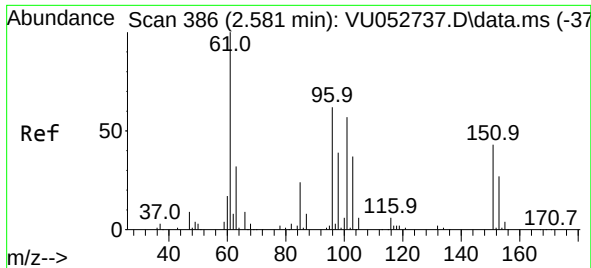
Tgt Ion:101 Resp: 71894
 Ion Ratio Lower Upper
 101 100
 103 67.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.915 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

Tgt Ion: 74 Resp: 27124
 Ion Ratio Lower Upper
 74 100
 45 84.3 42.4 127.3

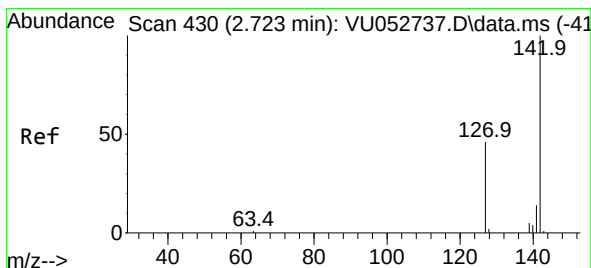
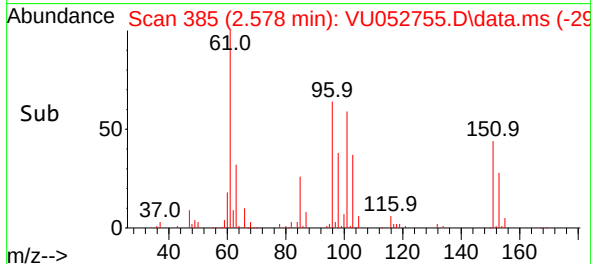
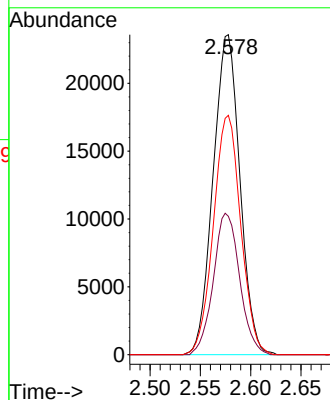
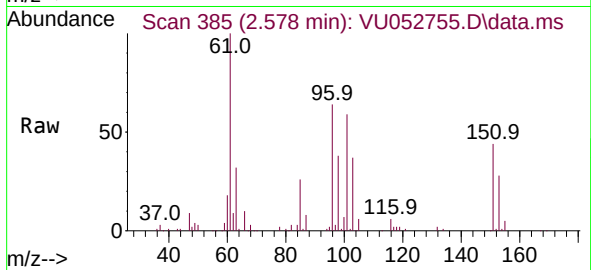




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.194 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052755.D
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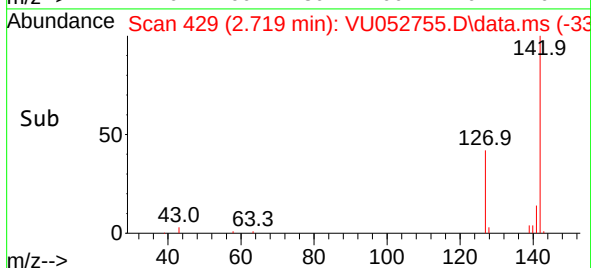
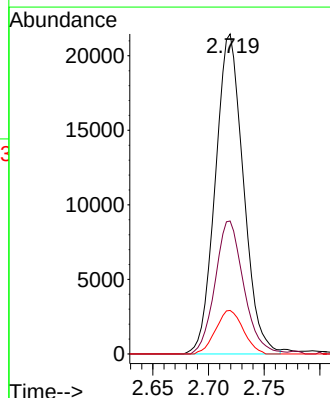
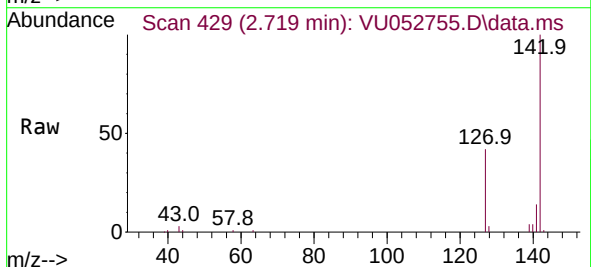
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

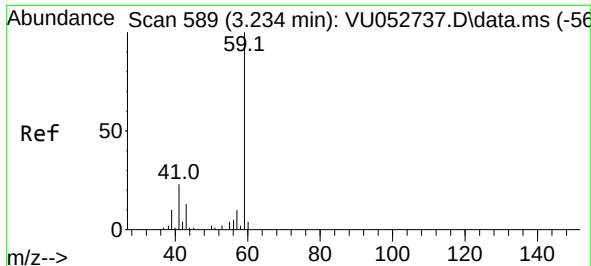
Tgt Ion:101 Resp: 43693
Ion Ratio Lower Upper
101 100
85 43.5 35.1 52.7
151 76.4 61.9 92.9



#10
Methyl Iodide
Concen: 22.115 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:142 Resp: 37568
Ion Ratio Lower Upper
142 100
127 42.4 36.3 54.5
141 13.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 10.242 ug/l

RT: 3.208 min Scan# 581

Delta R.T. -0.026 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

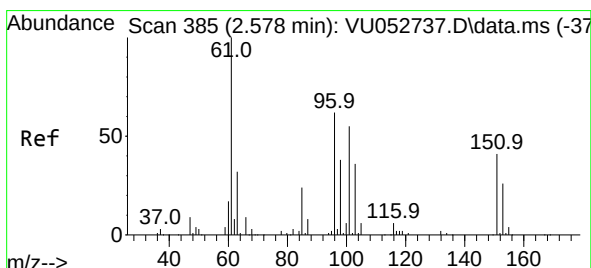
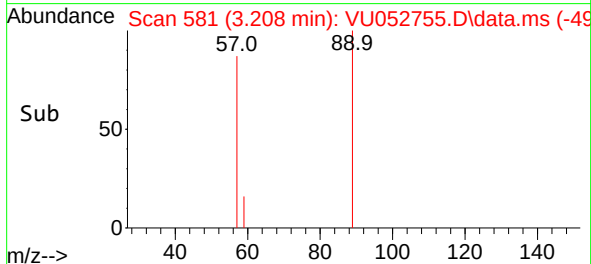
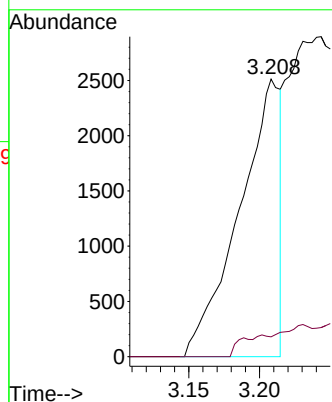
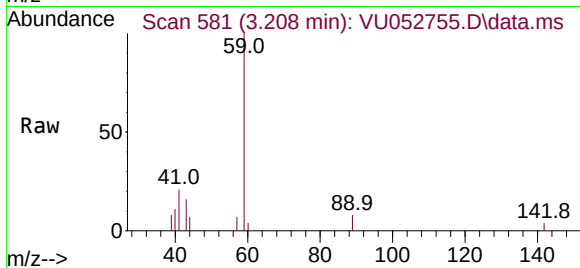
VU0120WBSD01

Tgt Ion: 59 Resp: 5056

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.416 ug/l

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

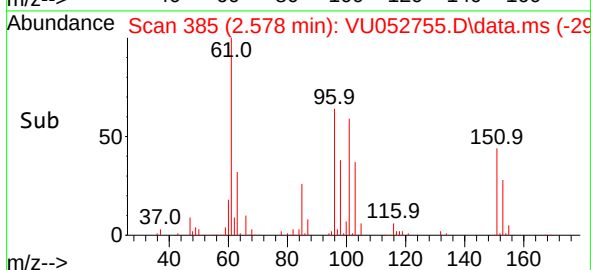
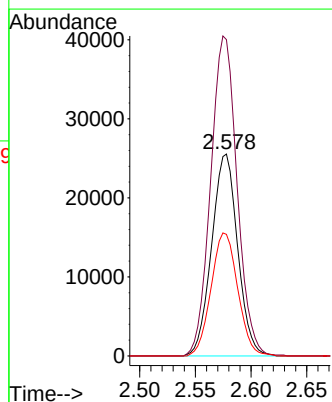
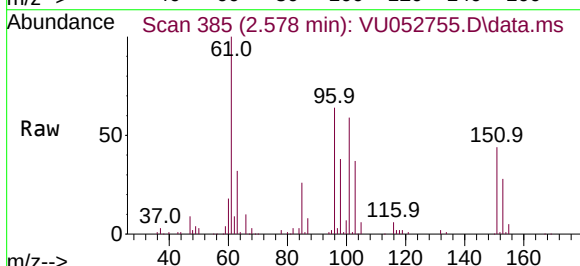
Tgt Ion: 96 Resp: 41547

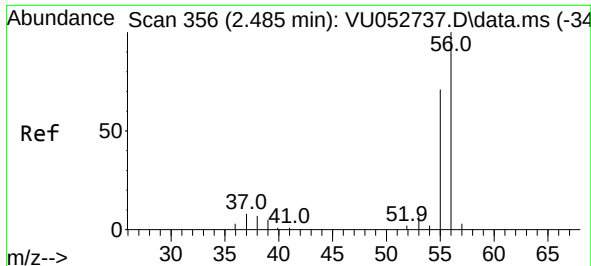
Ion Ratio Lower Upper

96 100

61 156.6 129.8 194.6

98 60.2 49.9 74.9

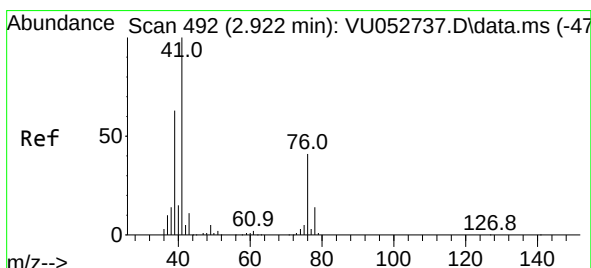
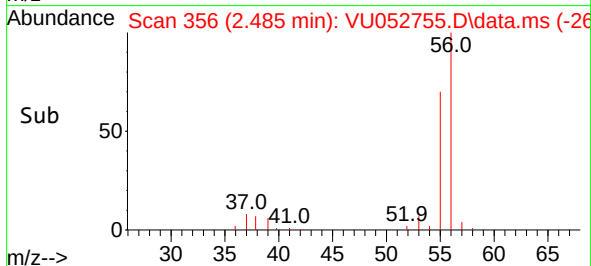
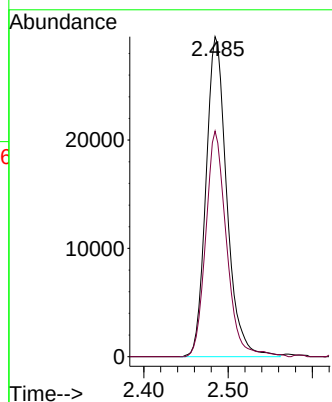
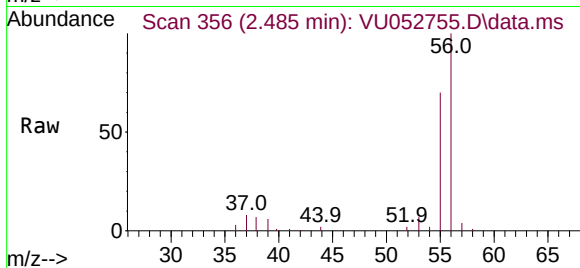




#13
Acrolein
Concen: 109.650 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

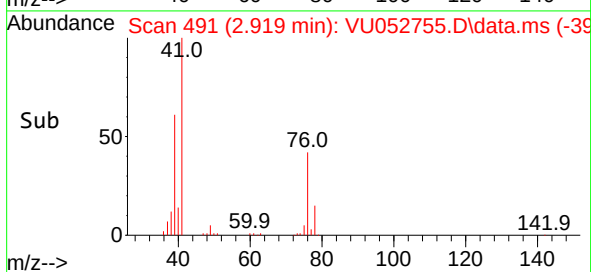
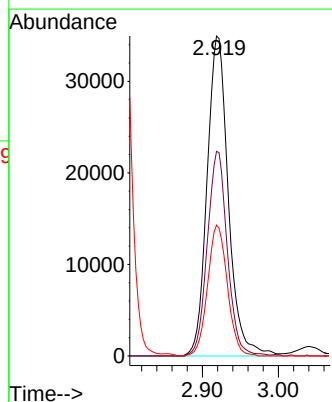
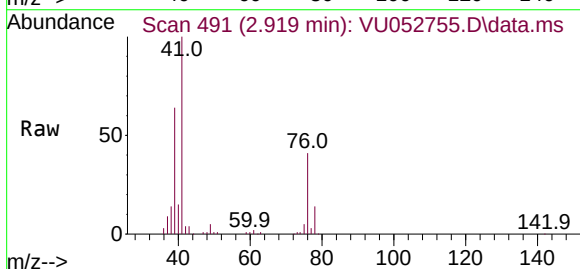
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

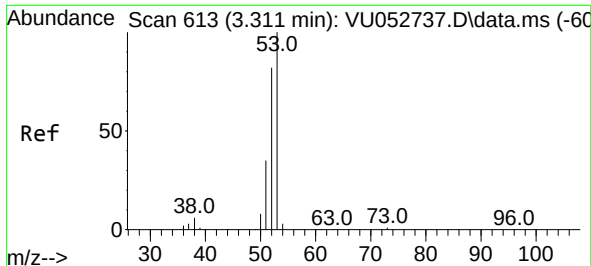
Tgt Ion: 56 Resp: 50775
Ion Ratio Lower Upper
56 100
55 70.4 57.2 85.8



#14
Allyl chloride
Concen: 20.157 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 41 Resp: 67941
Ion Ratio Lower Upper
41 100
39 60.3 48.2 72.2
76 38.0 29.4 44.0

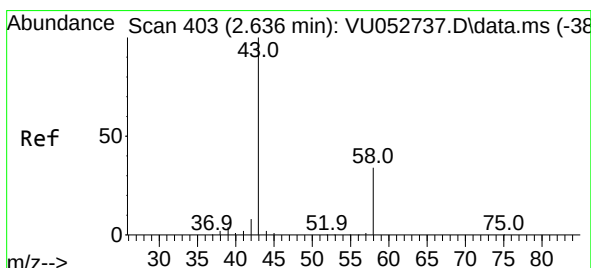
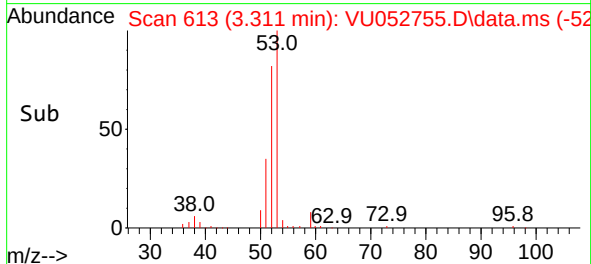
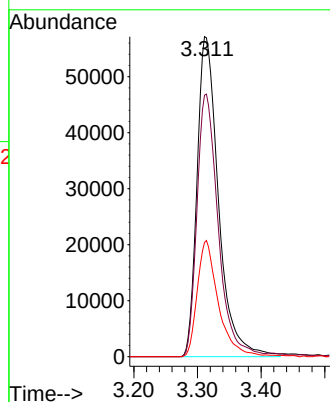
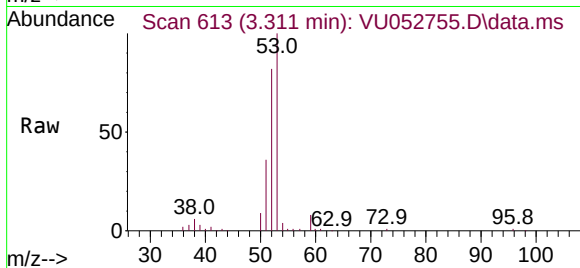




#15
Acrylonitrile
Concen: 98.436 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

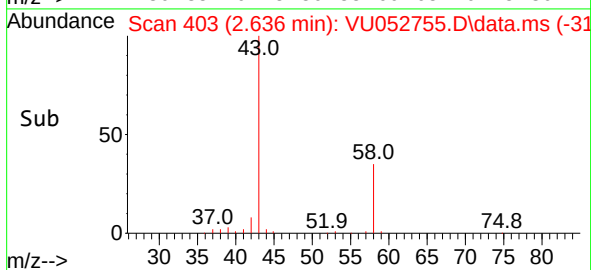
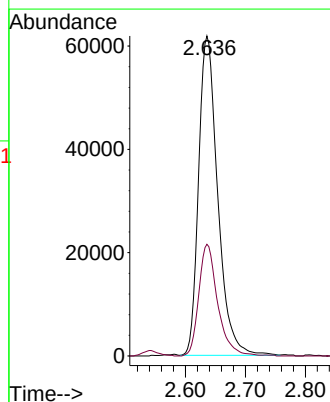
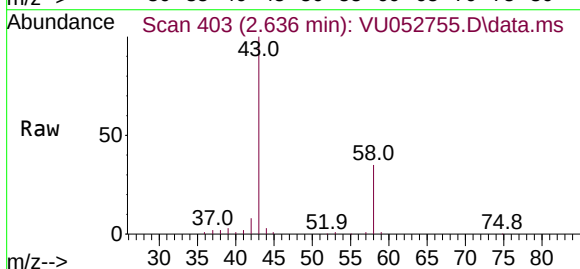
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

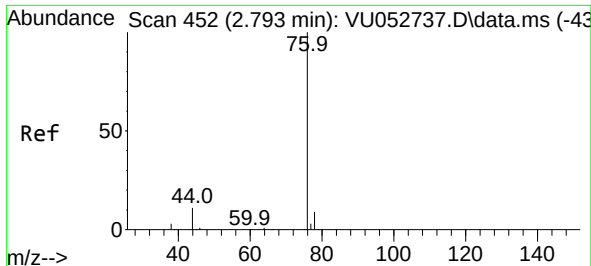
Tgt Ion: 53 Resp: 134083
Ion Ratio Lower Upper
53 100
52 81.0 64.9 97.3
51 35.5 27.6 41.4



#16
Acetone
Concen: 99.419 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 43 Resp: 137282
Ion Ratio Lower Upper
43 100
58 35.0 27.1 40.7

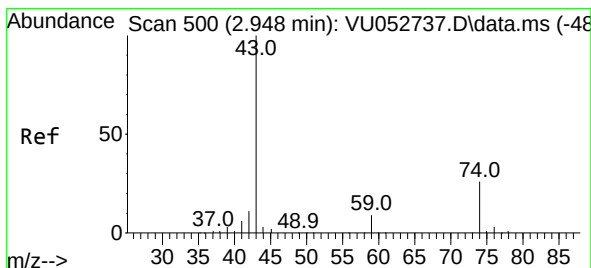
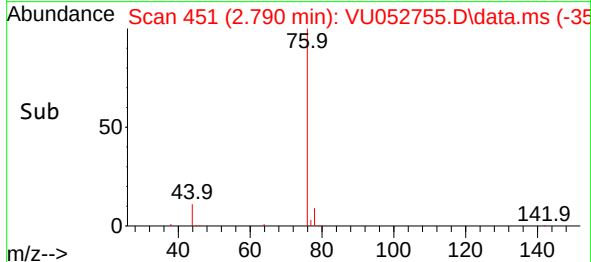
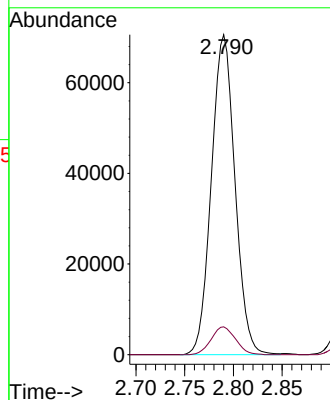
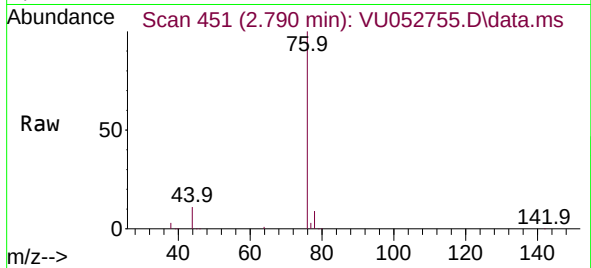




#17
Carbon Disulfide
Concen: 18.553 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

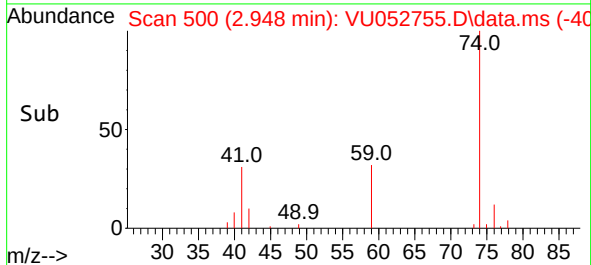
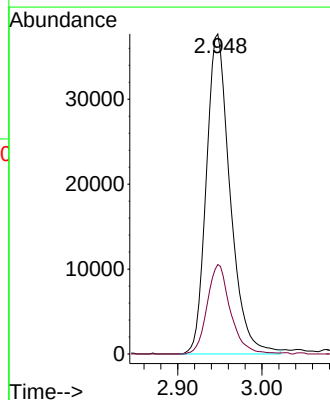
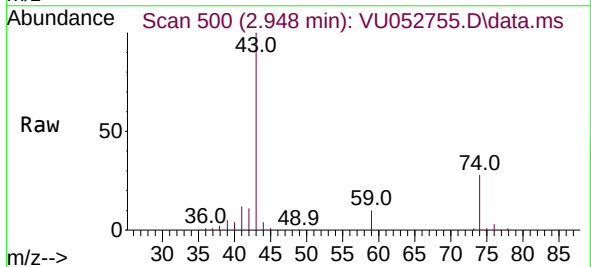
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

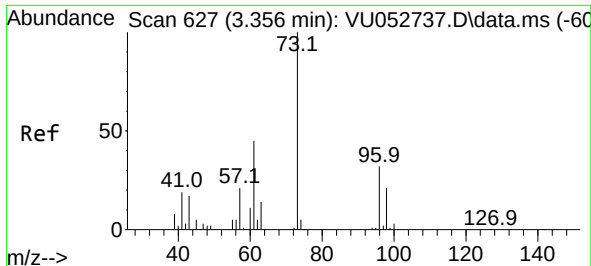
Tgt Ion: 76 Resp: 118957
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.400 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 43 Resp: 74142
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7

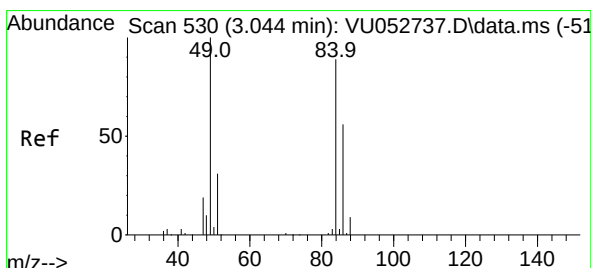
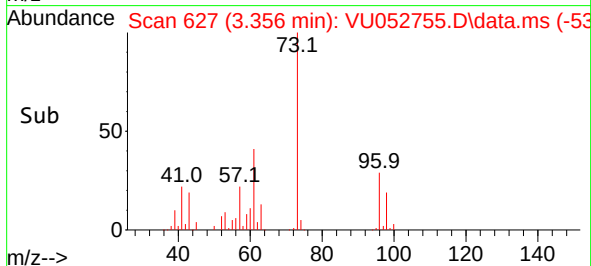
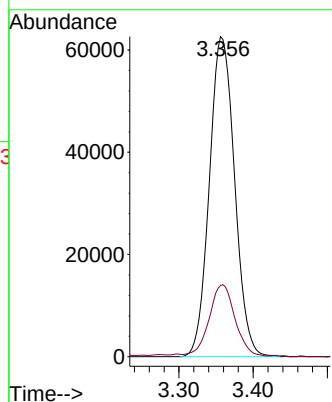
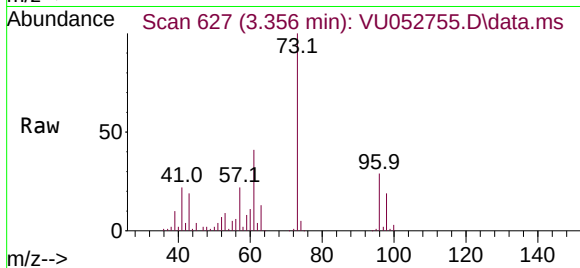




#19
Methyl tert-butyl Ether
Concen: 20.377 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

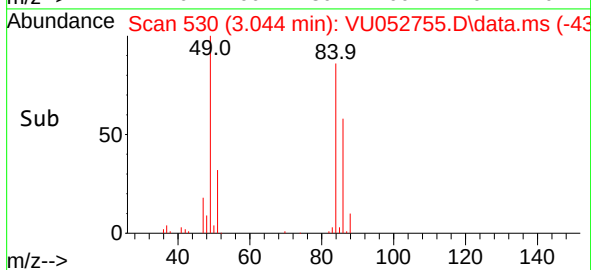
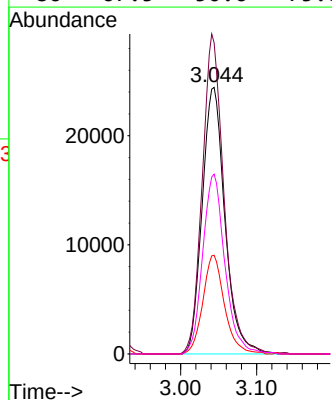
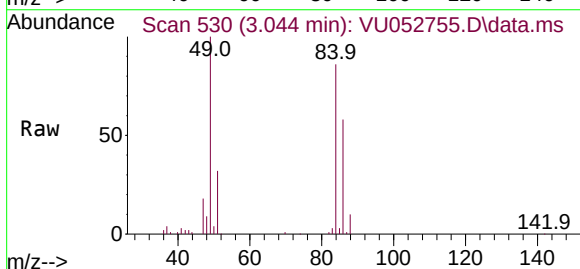
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

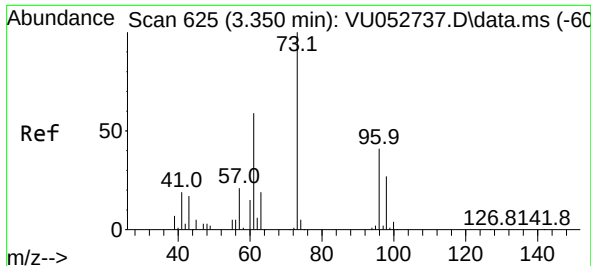
Tgt Ion: 73 Resp: 147729
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 19.617 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 84 Resp: 50831
Ion Ratio Lower Upper
84 100
49 116.8 90.2 135.4
51 37.0 28.1 42.1
86 67.5 50.6 75.8

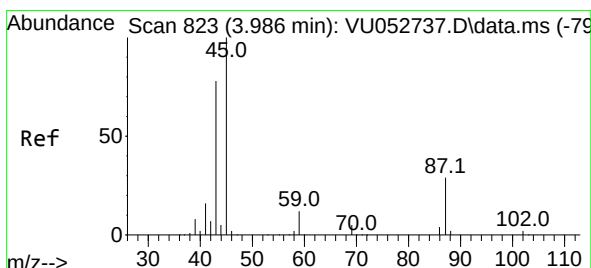
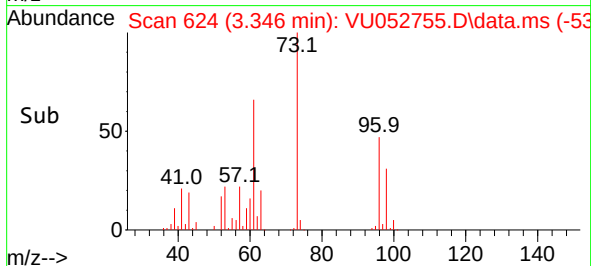
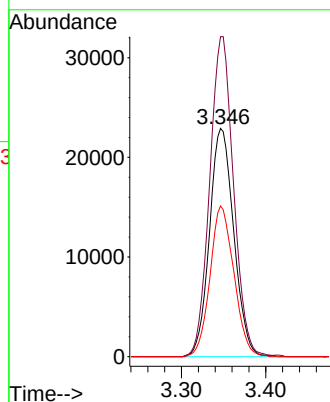
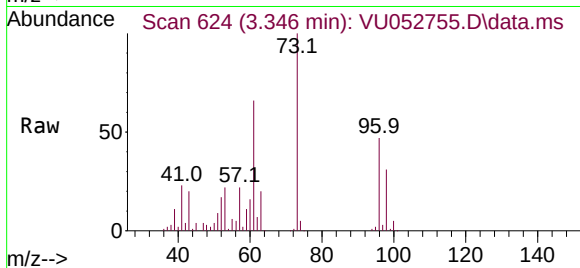




#21
trans-1,2-Dichloroethene
Concen: 19.879 ug/l
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

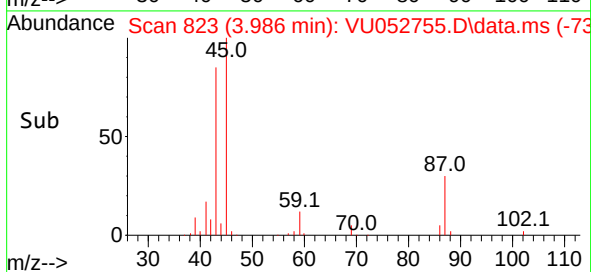
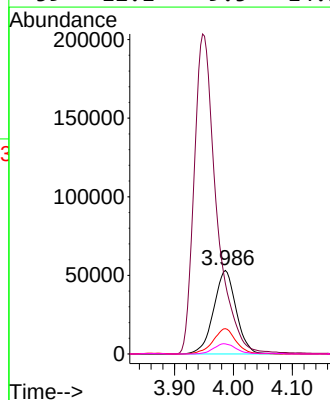
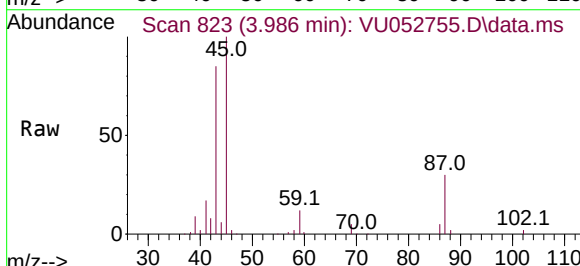
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

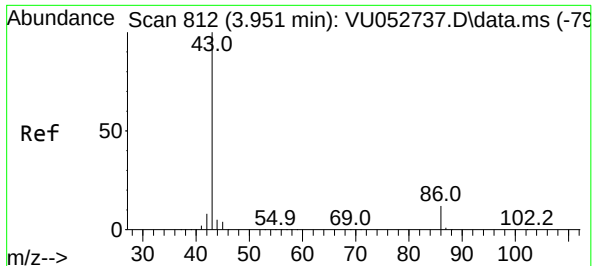
Tgt Ion: 96 Resp: 45856
Ion Ratio Lower Upper
96 100
61 140.2 114.7 172.1
98 66.0 52.4 78.6



#22
Diisopropyl ether
Concen: 20.183 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 45 Resp: 141467
Ion Ratio Lower Upper
45 100
43 83.4 64.6 97.0
87 30.3 23.2 34.8
59 12.1 9.5 14.3

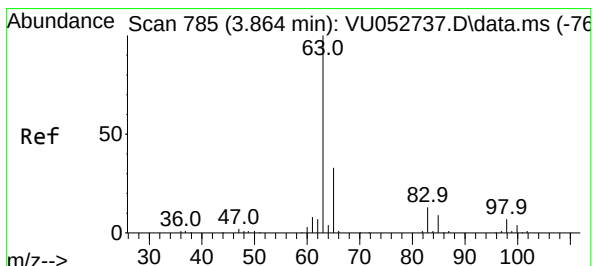
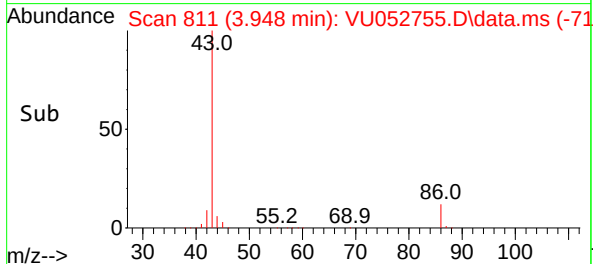
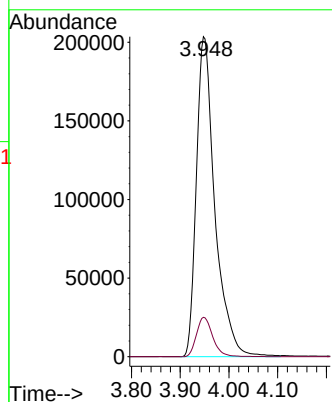
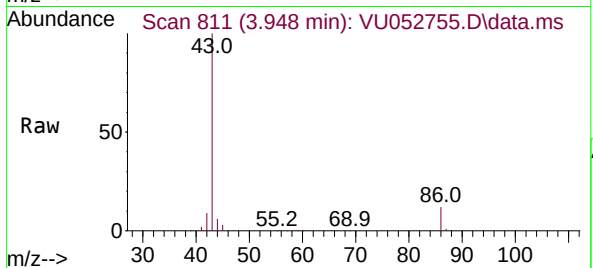




#23
 Vinyl Acetate
 Concen: 99.998 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

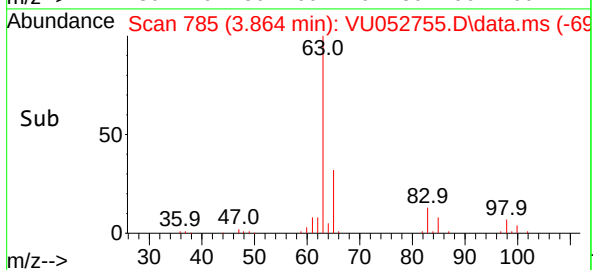
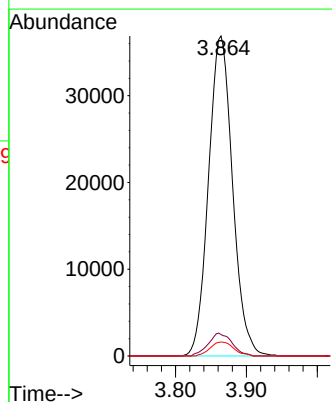
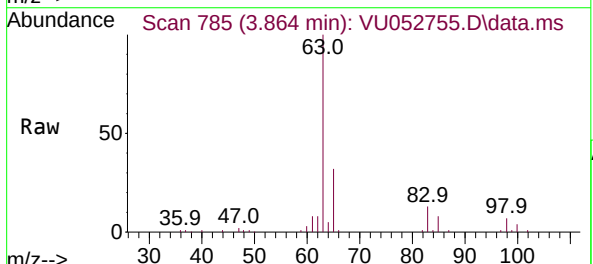
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBSD01

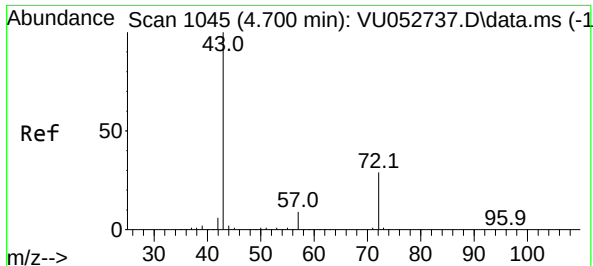
Tgt Ion: 43 Resp: 537812
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.567 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

Tgt Ion: 63 Resp: 86988
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 98.779 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

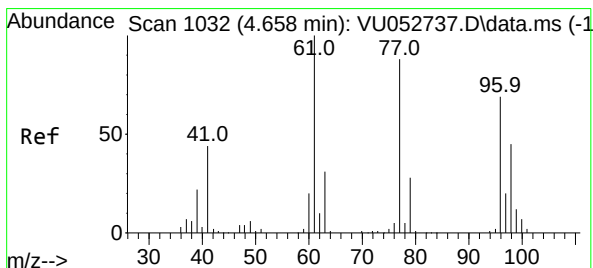
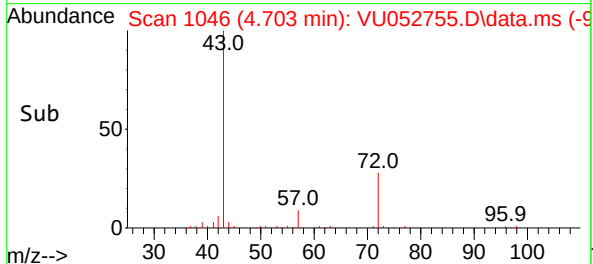
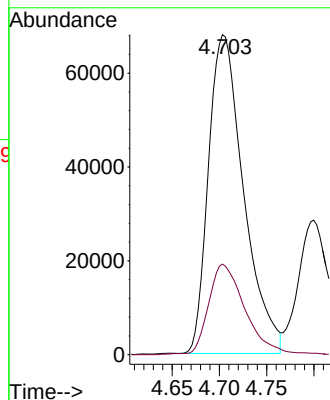
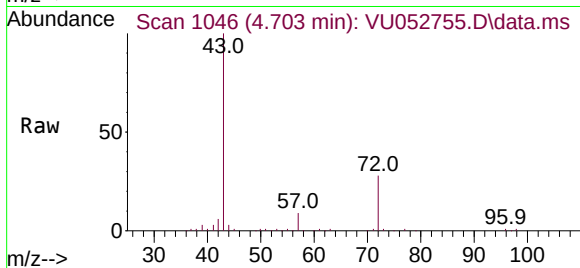
VU0120WBSD01

Tgt Ion: 43 Resp: 175911

Ion Ratio Lower Upper

43 100

72 28.0 23.3 34.9



#26

2,2-Dichloropropane

Concen: 20.032 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU052755.D

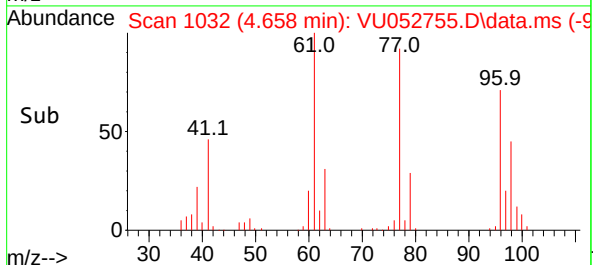
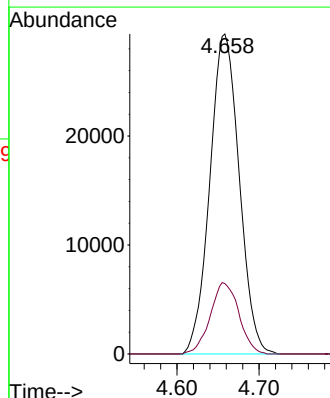
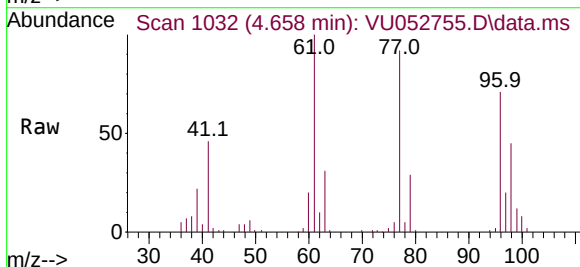
Acq: 20 Jan 2023 12:09

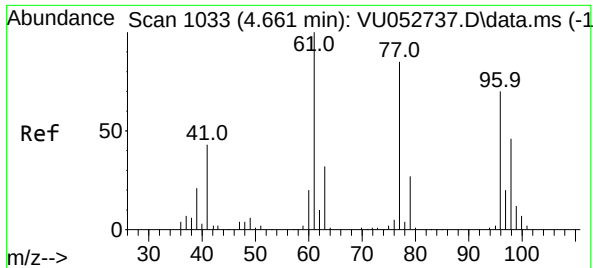
Tgt Ion: 77 Resp: 73057

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8

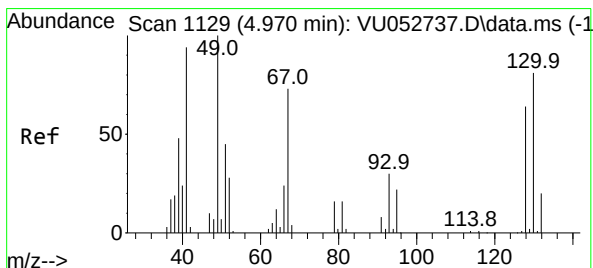
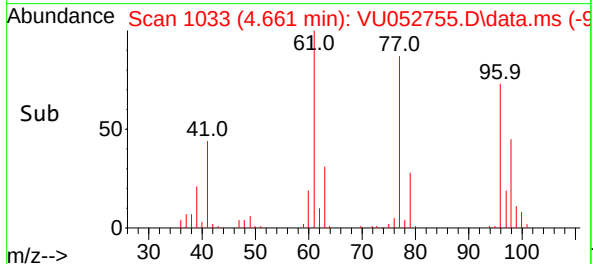
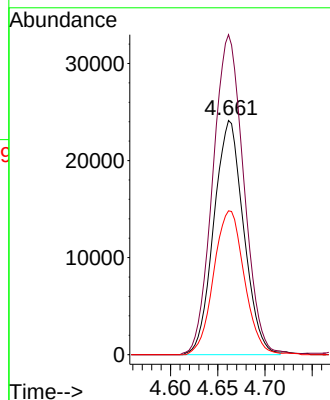
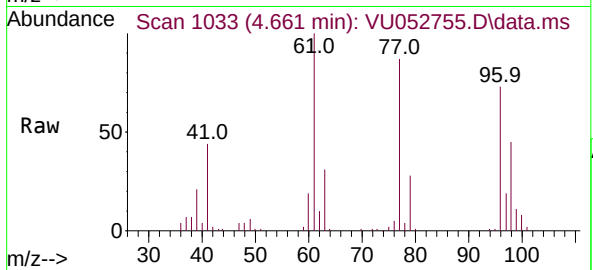




#27
 cis-1,2-Dichloroethene
 Concen: 20.918 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

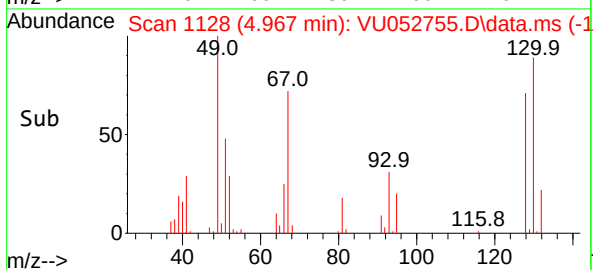
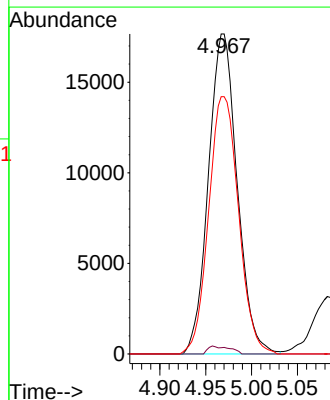
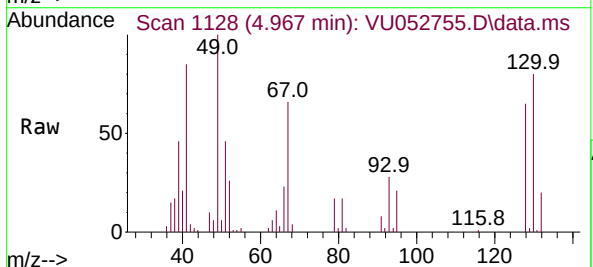
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBSD01

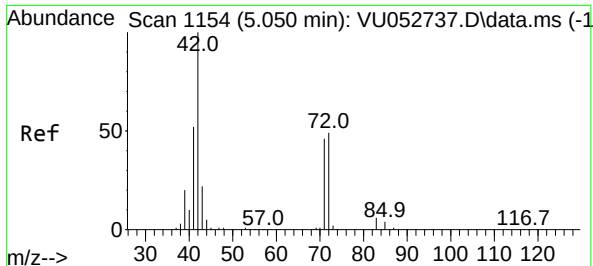
Tgt Ion: 96 Resp: 52968
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 287.2
 98 63.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.765 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

Tgt Ion: 49 Resp: 38532
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 83.4 65.5 98.3

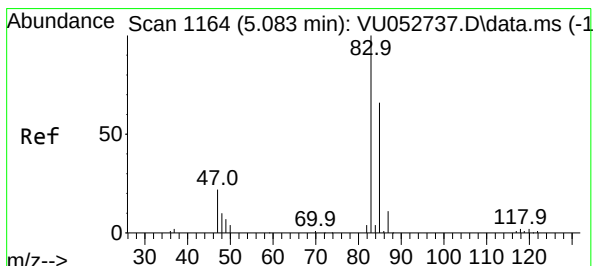
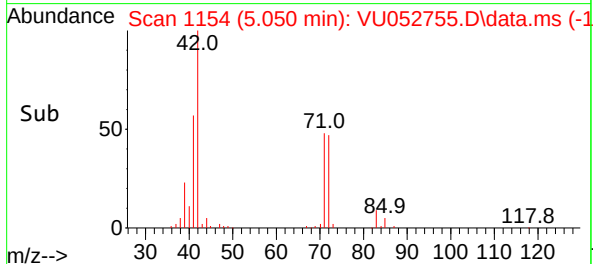
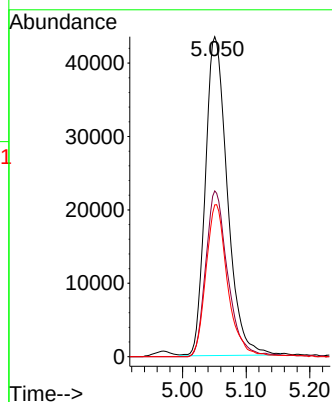
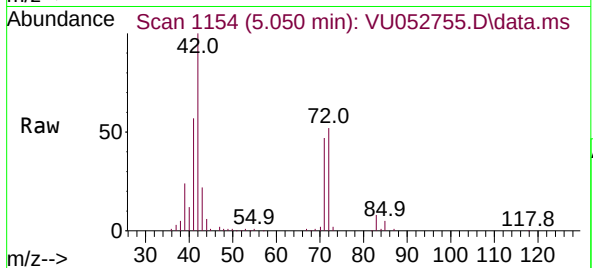




#29
Tetrahydrofuran
Concen: 100.974 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

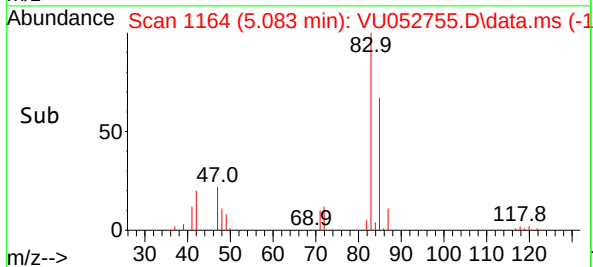
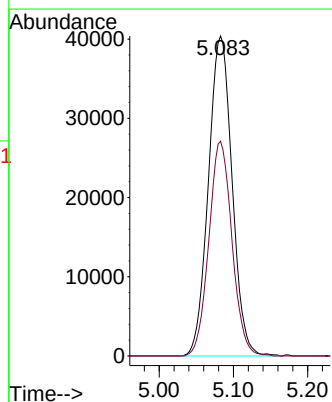
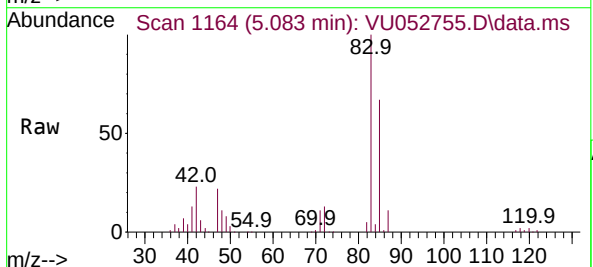
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

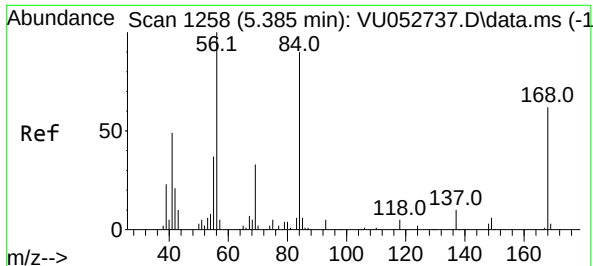
Tgt Ion: 42 Resp: 104386
Ion Ratio Lower Upper
42 100
72 51.4 40.5 60.7
71 47.0 37.4 56.0



#30
Chloroform
Concen: 18.831 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 83 Resp: 89484
Ion Ratio Lower Upper
83 100
85 67.1 52.6 79.0





#31

Cyclohexane

Concen: 19.682 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

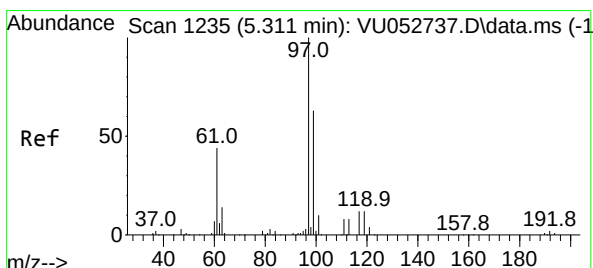
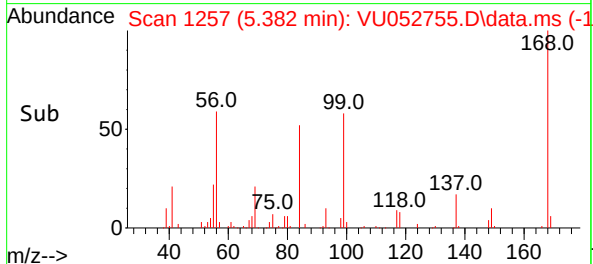
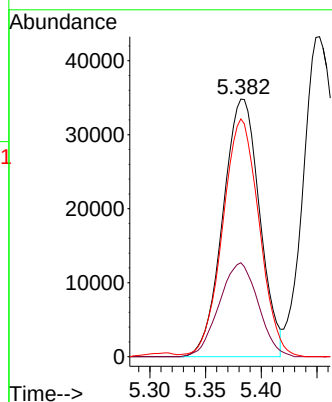
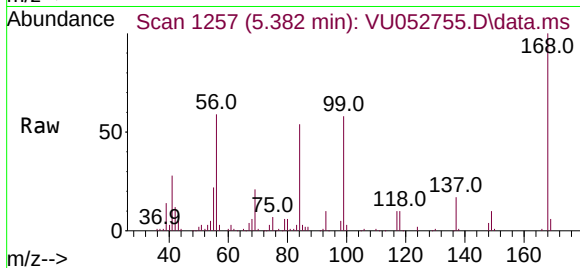
Tgt Ion: 56 Resp: 79906

Ion Ratio Lower Upper

56 100

69 36.5 26.2 39.2

84 91.5 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 19.861 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

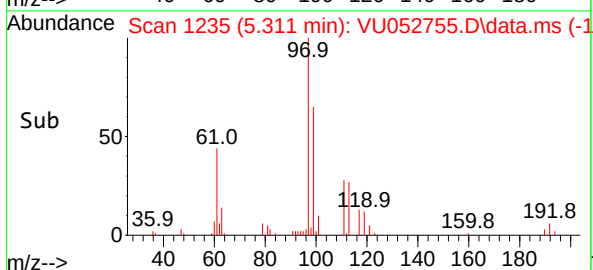
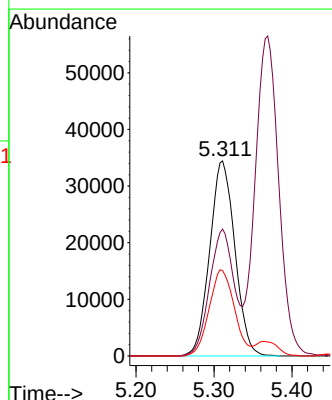
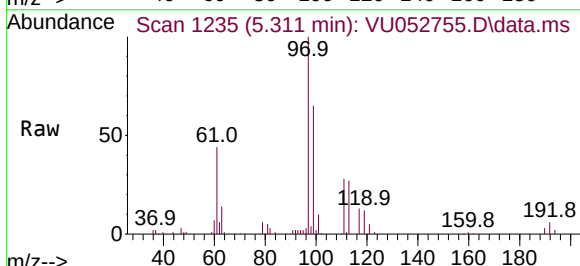
Tgt Ion: 97 Resp: 77307

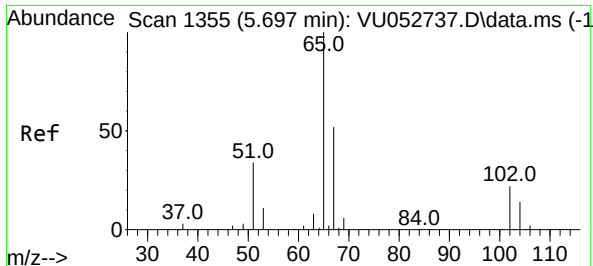
Ion Ratio Lower Upper

97 100

99 64.1 50.5 75.7

61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.126 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

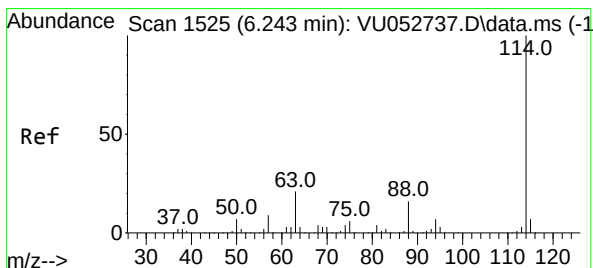
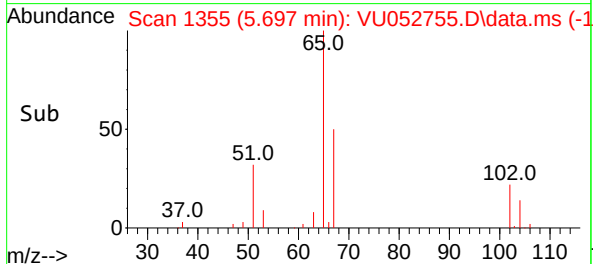
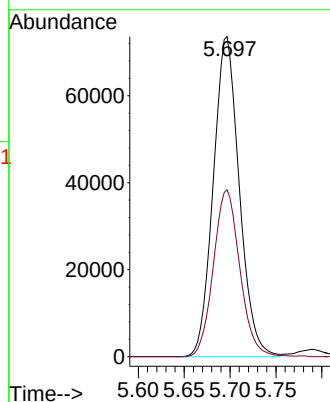
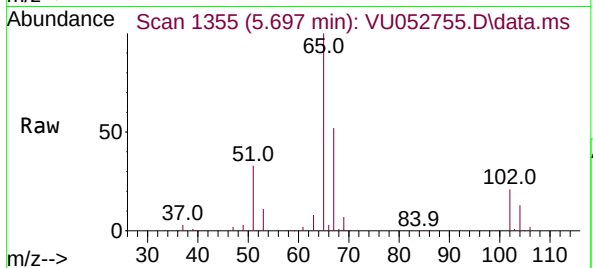
VU0120WBSD01

Tgt Ion: 65 Resp: 145228

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: VU052755.D

Acq: 20 Jan 2023 12:09

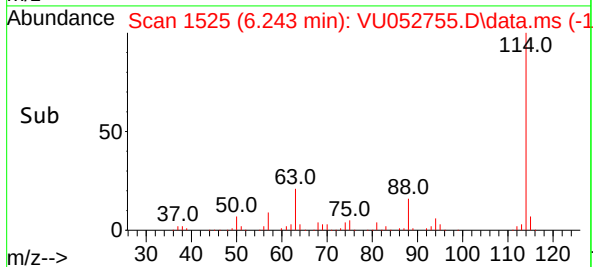
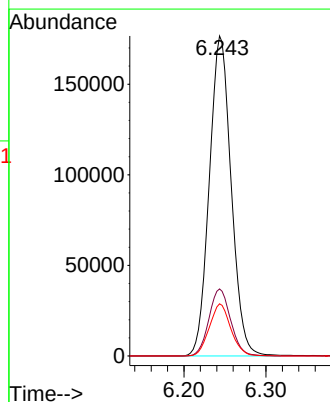
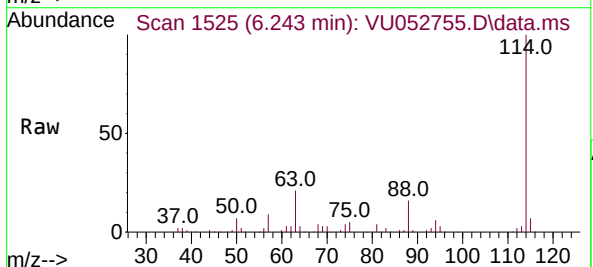
Tgt Ion: 114 Resp: 327473

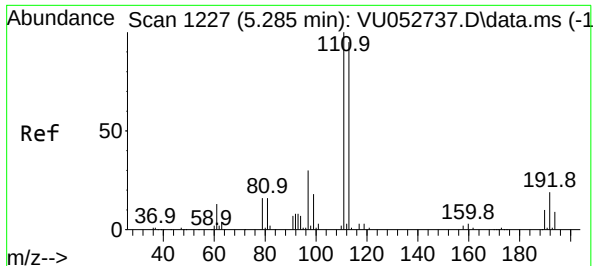
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 16.3 0.0 32.8

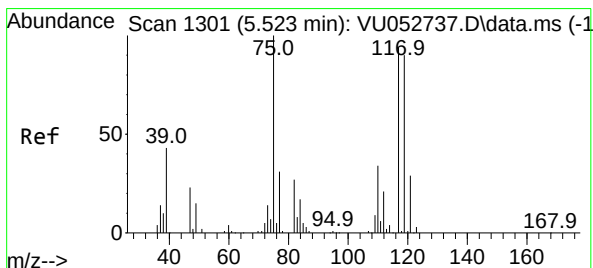
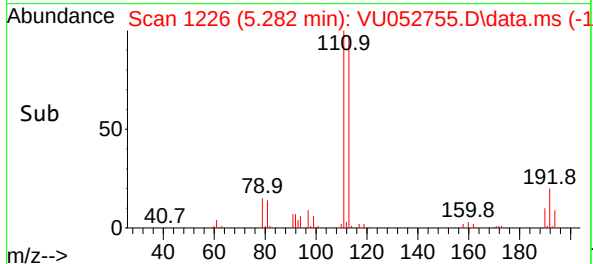
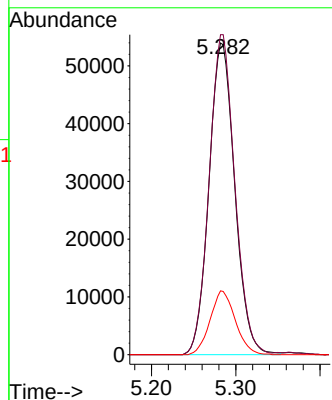
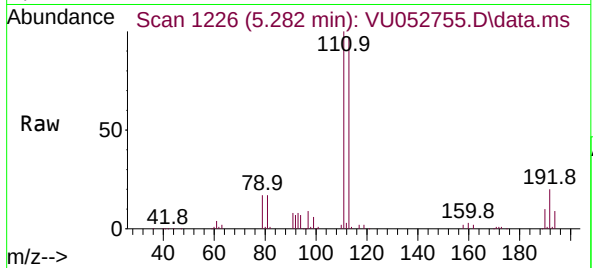




#35
Dibromofluoromethane
Concen: 50.325 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

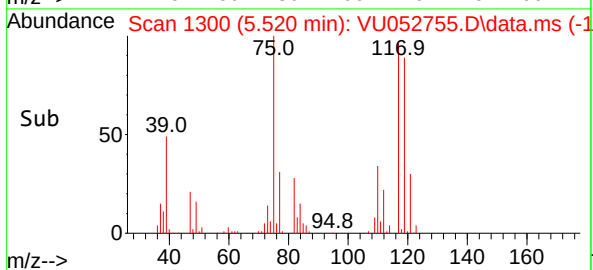
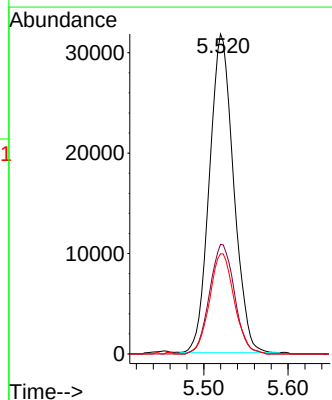
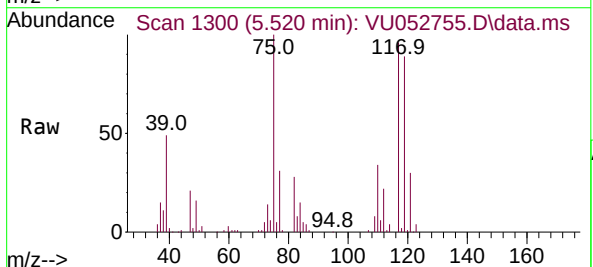
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

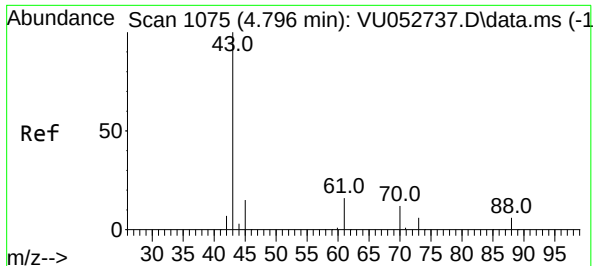
Tgt Ion:113 Resp: 114754
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 20.0 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.280 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 75 Resp: 63078
Ion Ratio Lower Upper
75 100
110 35.5 17.1 51.2
77 32.3 25.0 37.4

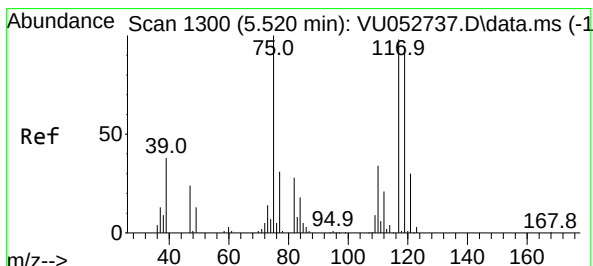
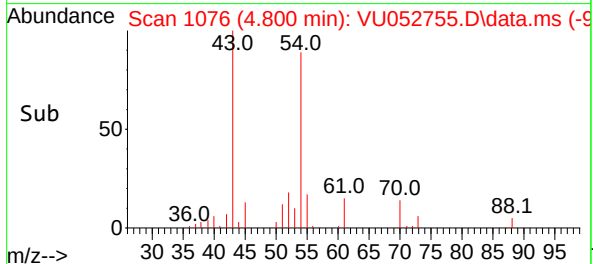
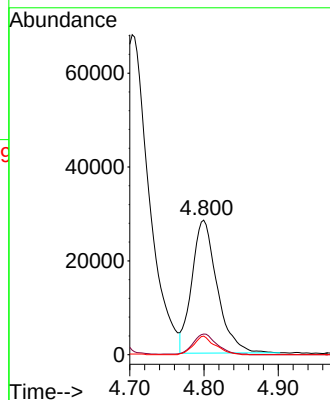
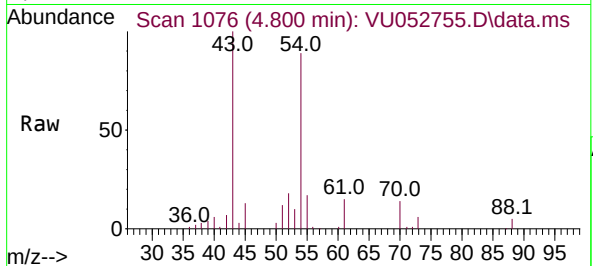




#37
Ethyl Acetate
Concen: 18.879 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

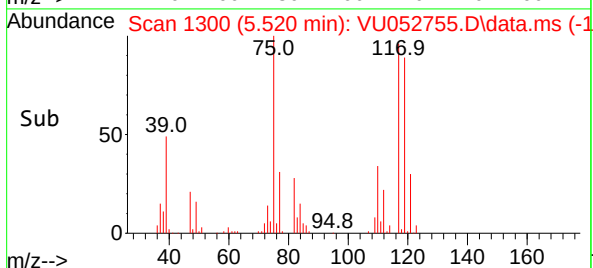
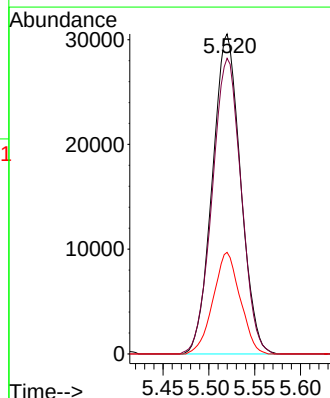
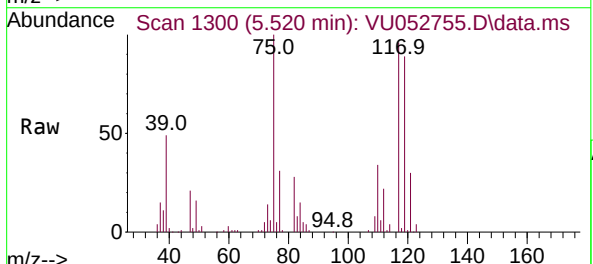
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

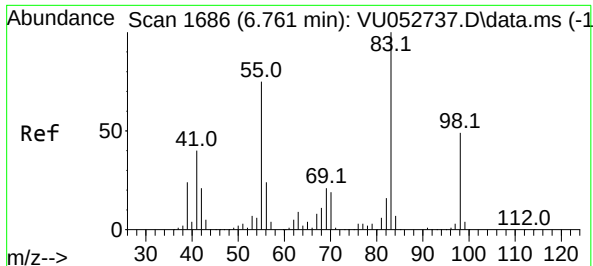
Tgt Ion: 43 Resp: 67143
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.4
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.401 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 117 Resp: 65302
Ion Ratio Lower Upper
117 100
119 92.4 75.6 113.4
121 31.7 24.2 36.4





#39

Methylcyclohexane

Concen: 19.123 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

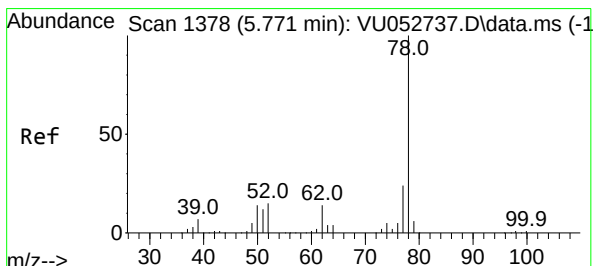
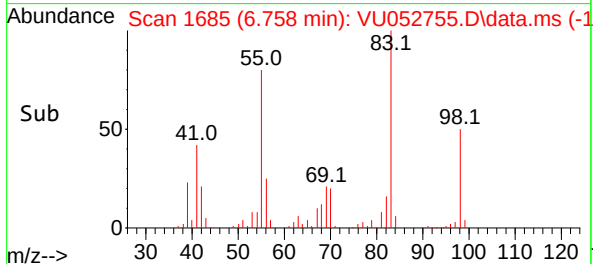
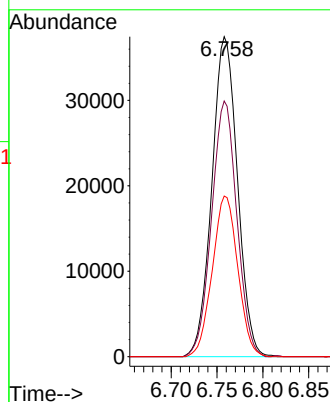
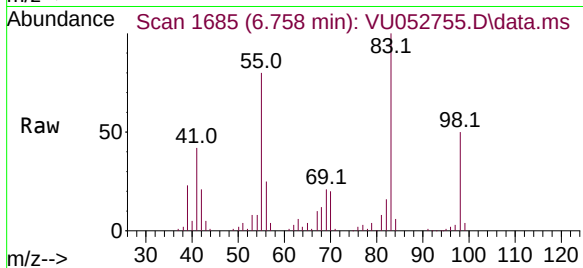
Tgt Ion: 83 Resp: 72803

Ion Ratio Lower Upper

83 100

55 79.9 60.4 90.6

98 50.2 38.9 58.3



#40

Benzene

Concen: 19.484 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052755.D

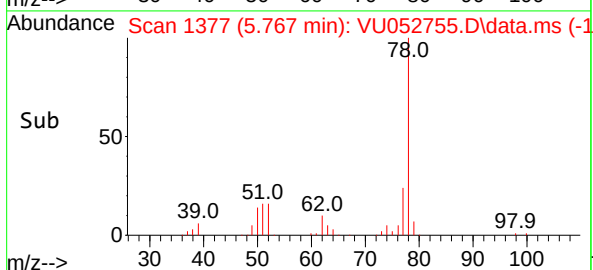
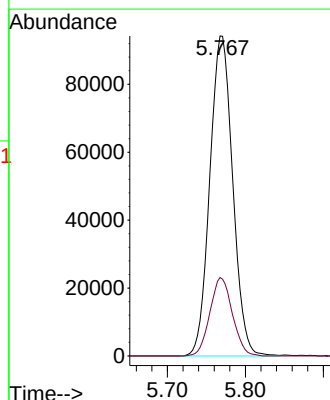
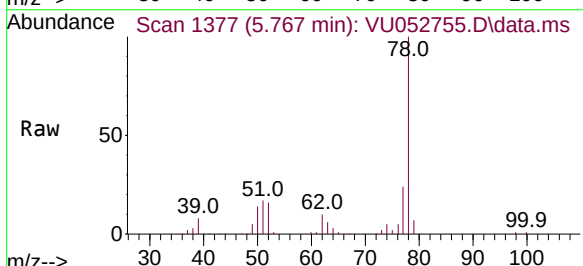
Acq: 20 Jan 2023 12:09

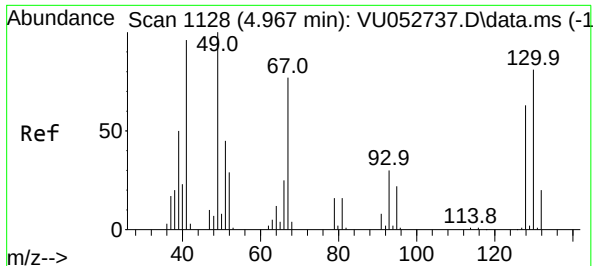
Tgt Ion: 78 Resp: 192485

Ion Ratio Lower Upper

78 100

77 24.5 18.9 28.3

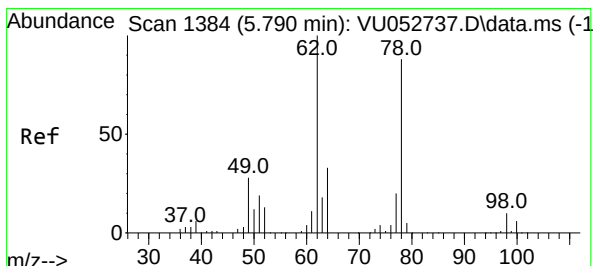
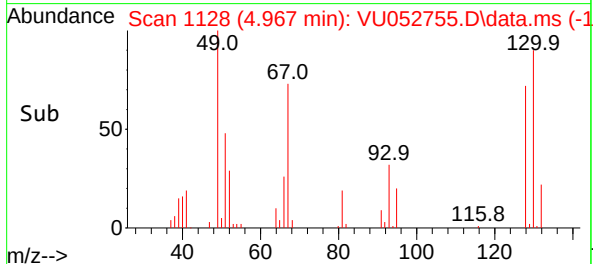
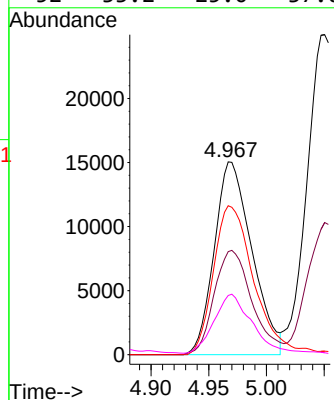
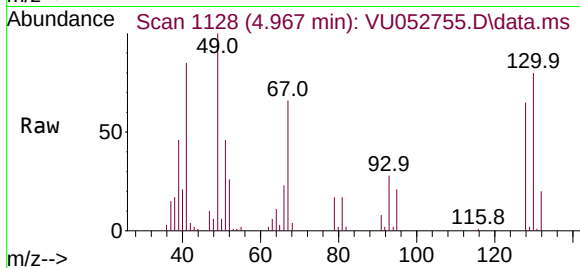




#41
Methacrylonitrile
Concen: 19.827 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

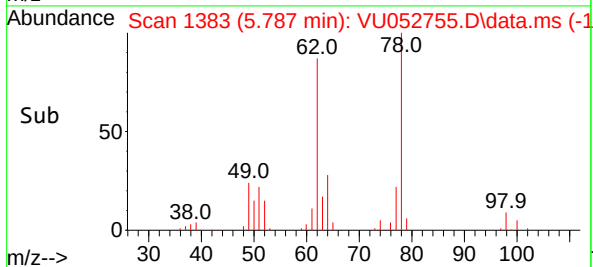
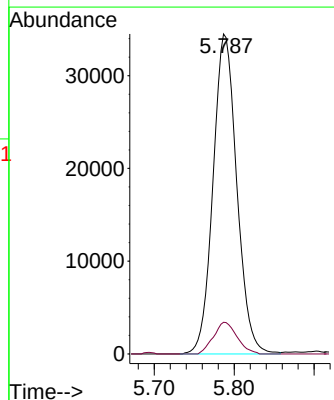
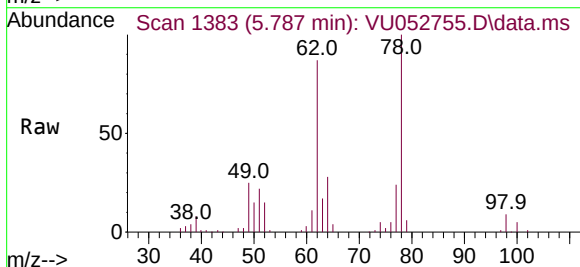
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

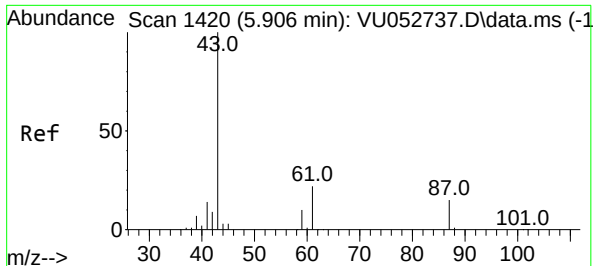
Tgt Ion: 41	Resp: 34113
Ion Ratio	Lower Upper
41 100	
39 54.6	42.2 63.2
67 83.6	65.0 97.6
52 33.2	25.0 37.6



#42
1,2-Dichloroethane
Concen: 19.938 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 62	Resp: 71122
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 19.0





#43

Isopropyl Acetate

Concen: 19.823 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

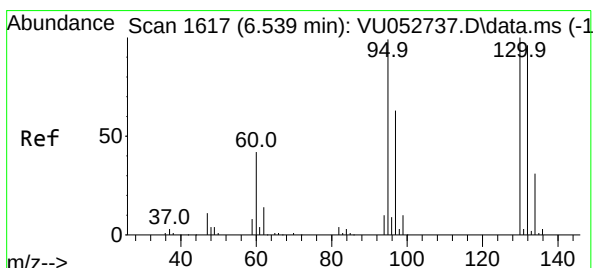
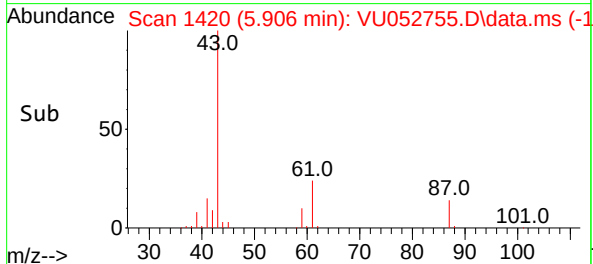
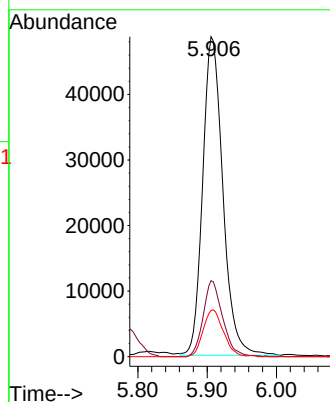
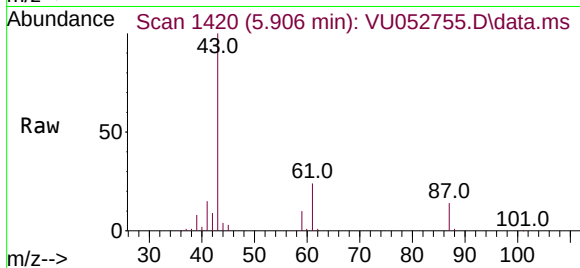
Tgt Ion: 43 Resp: 98268

Ion Ratio Lower Upper

43 100

61 23.0 18.1 27.1

87 14.7 11.7 17.5



#44

Trichloroethene

Concen: 19.747 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052755.D

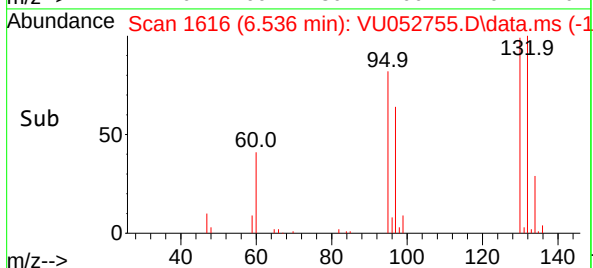
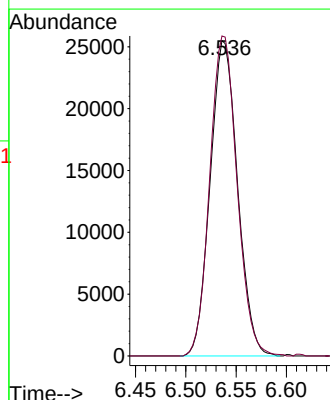
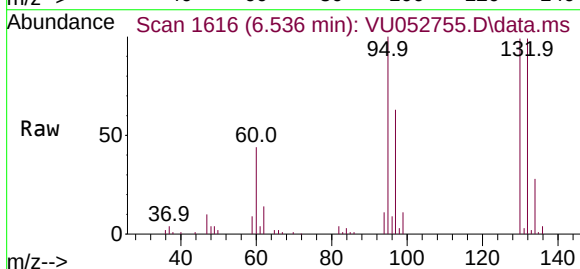
Acq: 20 Jan 2023 12:09

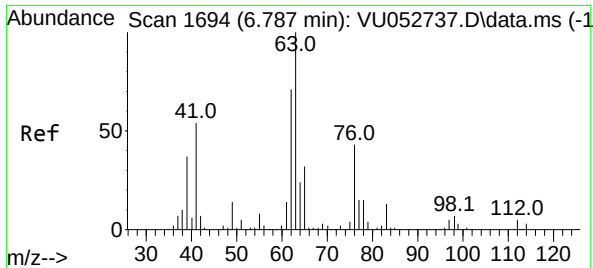
Tgt Ion:130 Resp: 48251

Ion Ratio Lower Upper

130 100

95 101.5 0.0 198.2





#45

1,2-Dichloropropane

Concen: 19.660 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

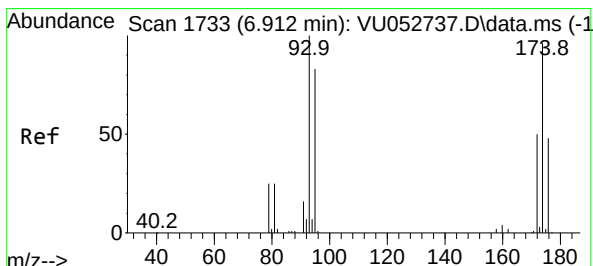
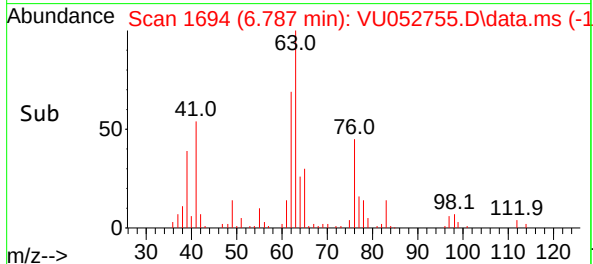
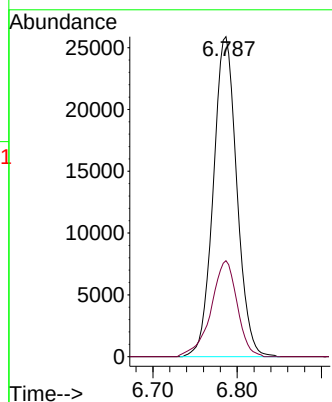
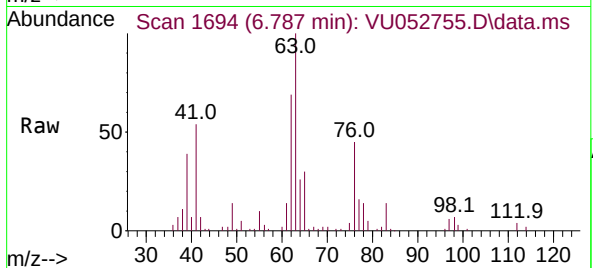
VU0120WBSD01

Tgt Ion: 63 Resp: 50096

Ion Ratio Lower Upper

63 100

65 30.0 26.0 39.0



#46

Dibromomethane

Concen: 19.321 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

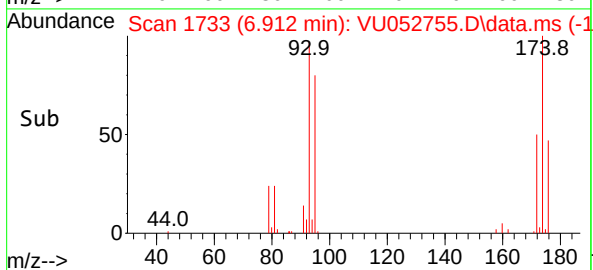
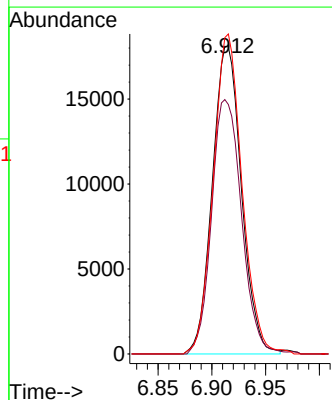
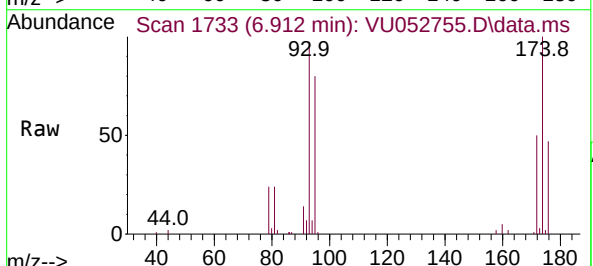
Tgt Ion: 93 Resp: 34094

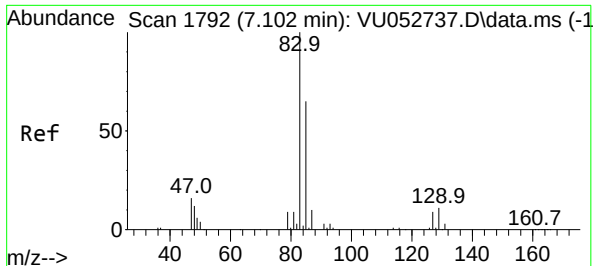
Ion Ratio Lower Upper

93 100

95 85.1 66.6 99.8

174 102.9 78.6 117.8





#47

Bromodichloromethane

Concen: 19.590 ug/l

RT: 7.099 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

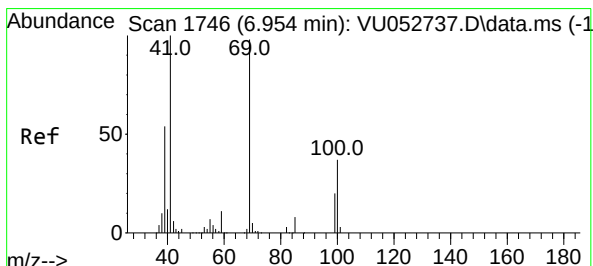
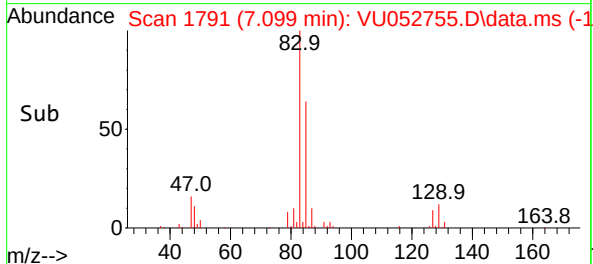
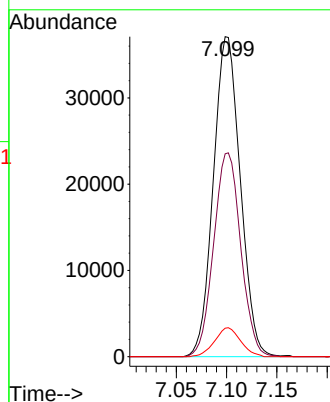
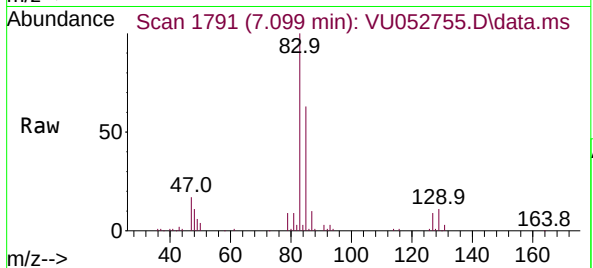
Tgt Ion: 83 Resp: 69173

Ion Ratio Lower Upper

83 100

85 63.4 51.6 77.4

127 8.9 6.9 10.3



#48

Methyl methacrylate

Concen: 20.599 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

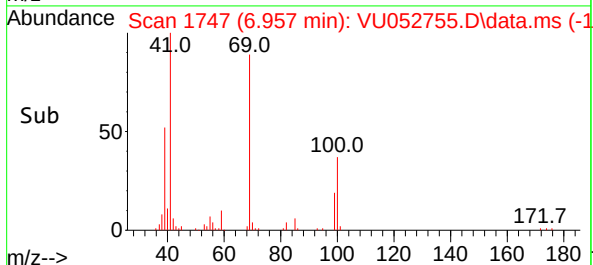
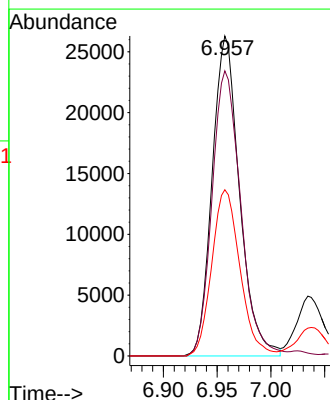
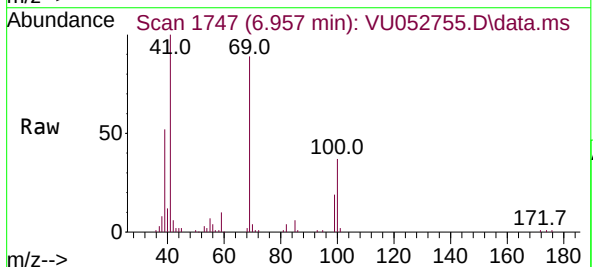
Tgt Ion: 41 Resp: 46533

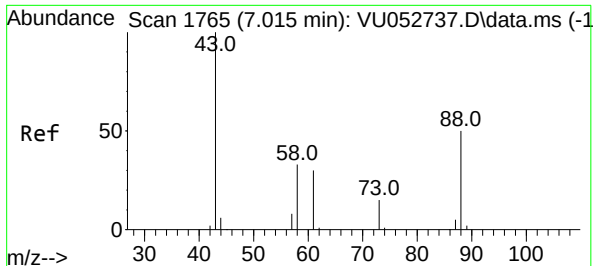
Ion Ratio Lower Upper

41 100

69 93.1 77.2 115.8

39 53.6 42.9 64.3

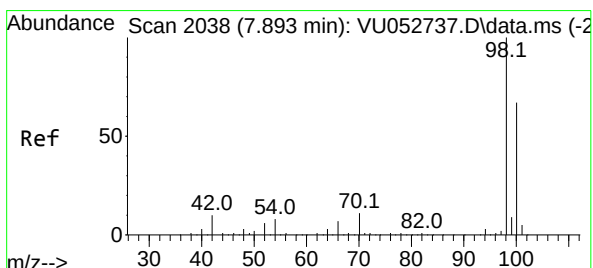
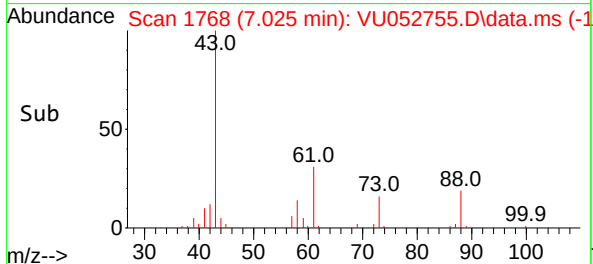
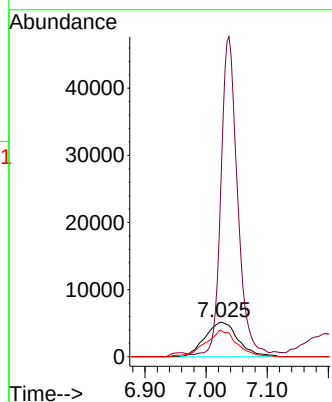
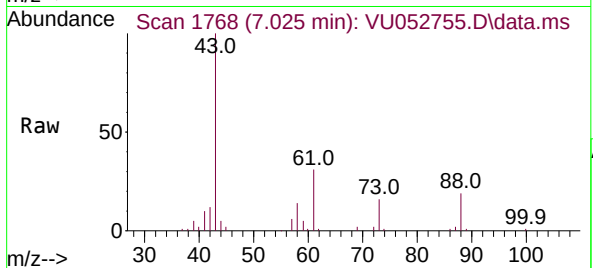




#49
1,4-Dioxane
Concen: 440.719 ug/l
RT: 7.025 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

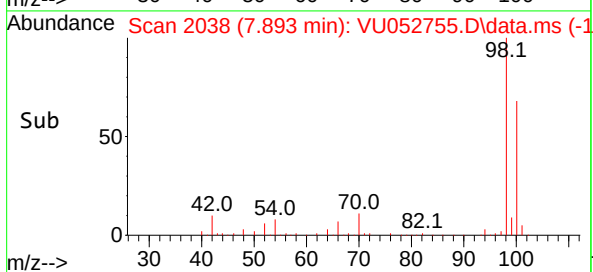
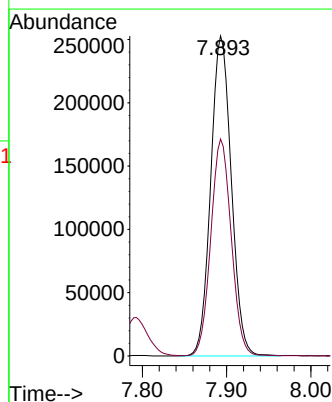
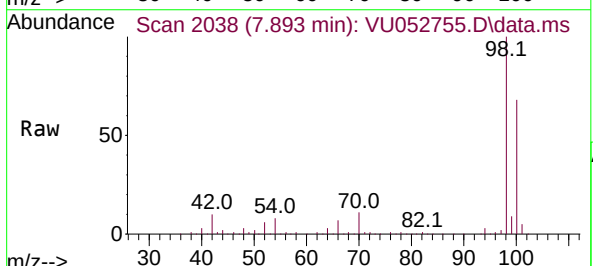
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

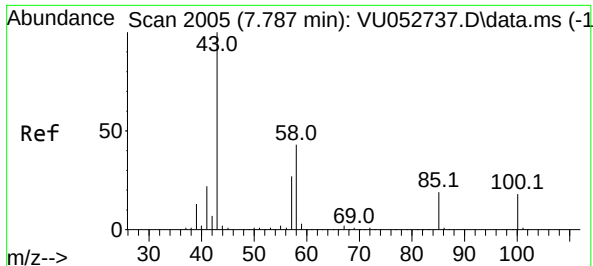
Tgt Ion: 88 Resp: 19291
Ion Ratio Lower Upper
88 100
43 457.9 374.7 562.1
58 72.3 59.2 88.8



#50
Toluene-d8
Concen: 50.194 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 98 Resp: 429225
Ion Ratio Lower Upper
98 100
100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 102.117 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

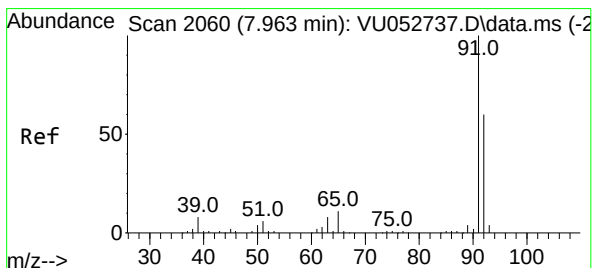
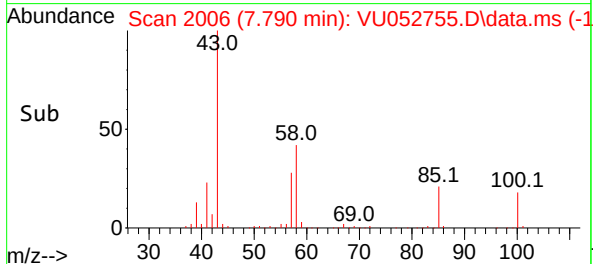
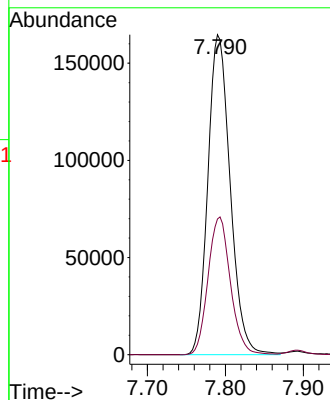
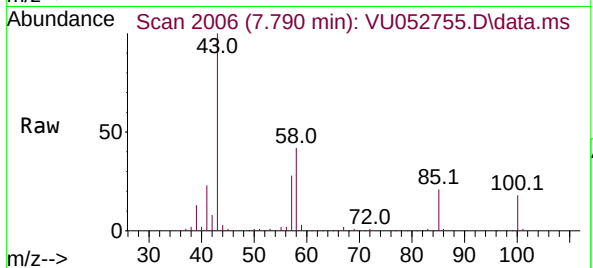
VU0120WBSD01

Tgt Ion: 43 Resp: 327634

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



#52

Toluene

Concen: 20.399 ug/l

RT: 7.963 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU052755.D

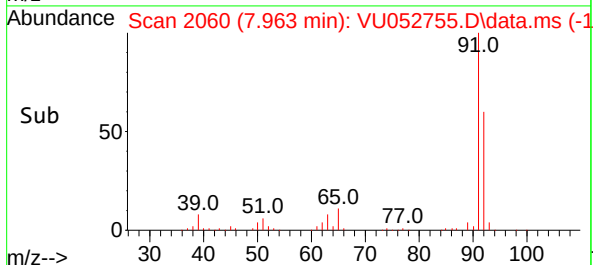
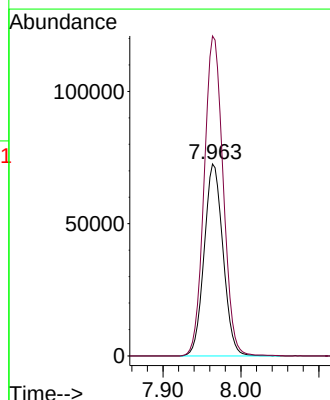
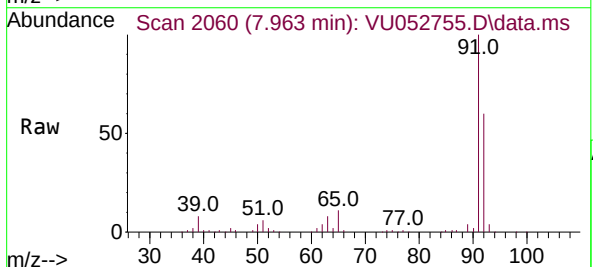
Acq: 20 Jan 2023 12:09

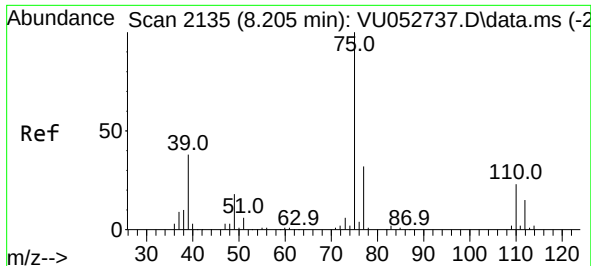
Tgt Ion: 92 Resp: 121876

Ion Ratio Lower Upper

92 100

91 168.3 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 19.616 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

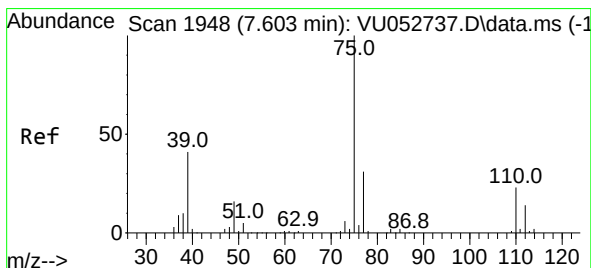
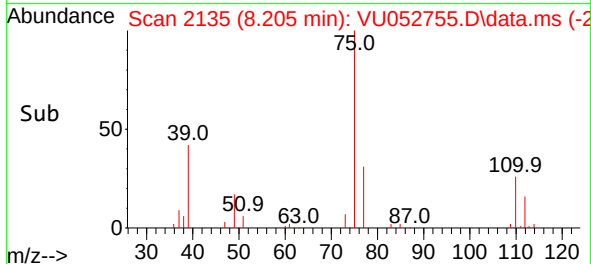
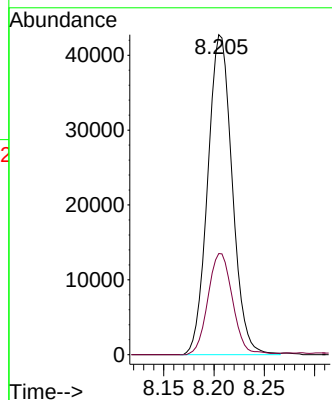
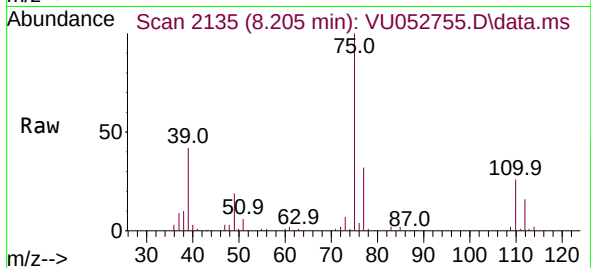
VU0120WBSD01

Tgt Ion: 75 Resp: 72351

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.036 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

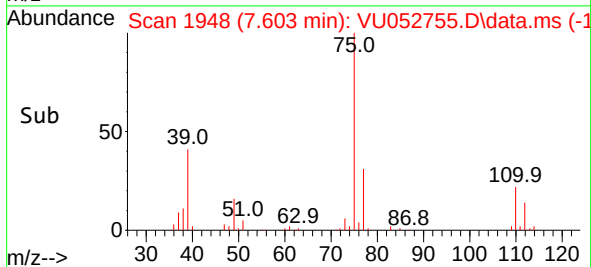
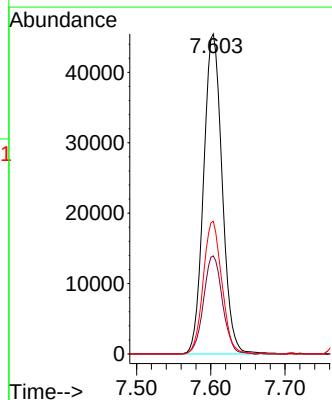
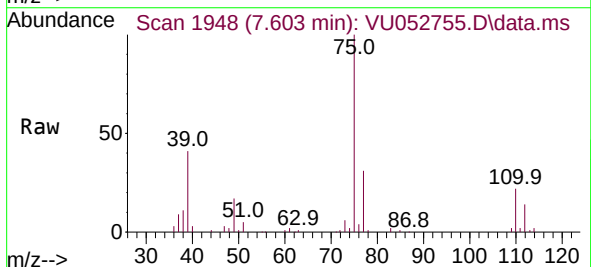
Tgt Ion: 75 Resp: 78819

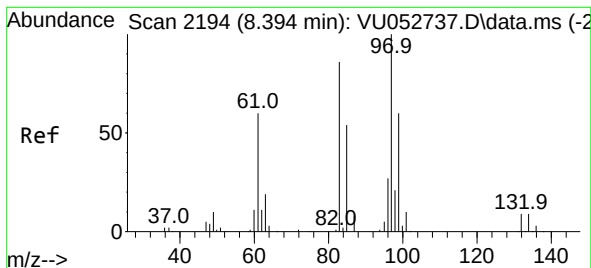
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.6

39 41.5 32.9 49.3





#55

1,1,2-Trichloroethane

Concen: 19.690 ug/l

RT: 8.394 min Scan# 2194

Delta R.T. 0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

Tgt Ion: 97 Resp: 48018

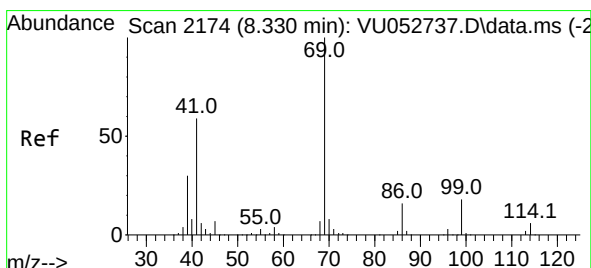
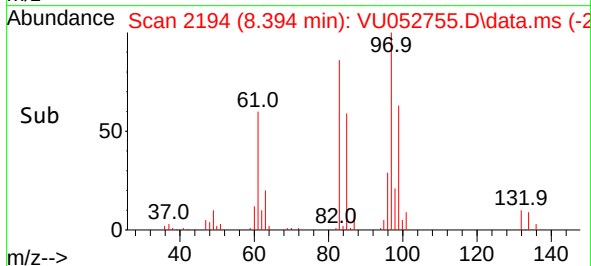
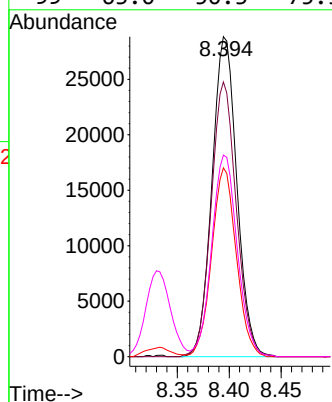
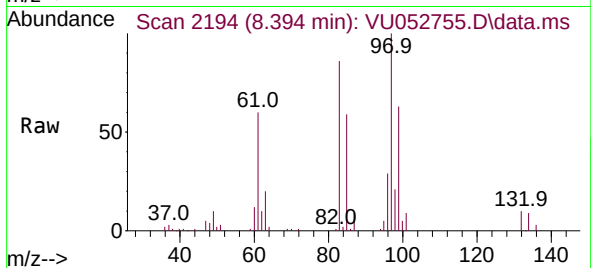
Ion Ratio Lower Upper

97 100

83 85.8 69.2 103.8

85 59.0 43.8 65.8

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.682 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

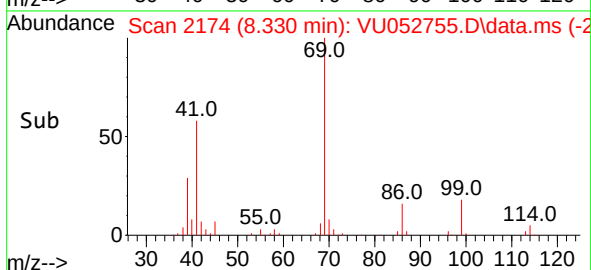
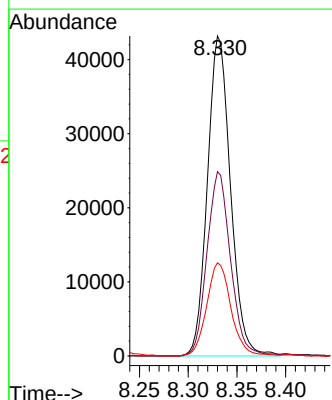
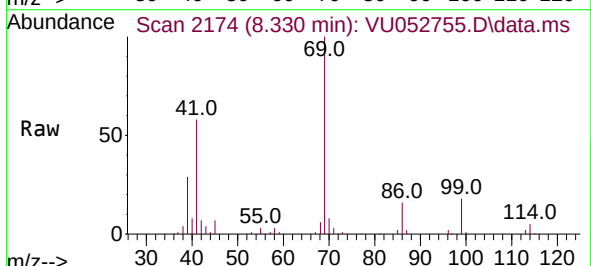
Tgt Ion: 69 Resp: 71292

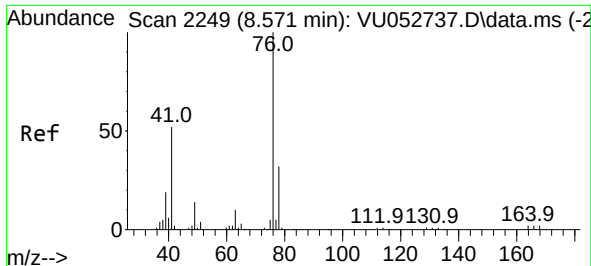
Ion Ratio Lower Upper

69 100

41 59.1 47.6 71.4

39 30.7 24.3 36.5





#57

1,3-Dichloropropane

Concen: 20.018 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

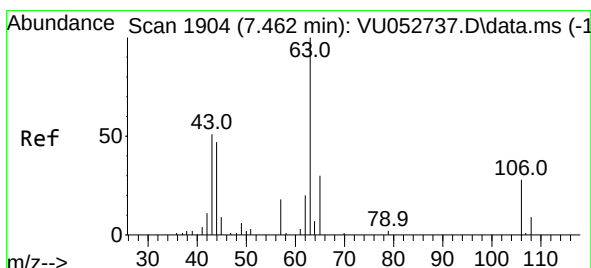
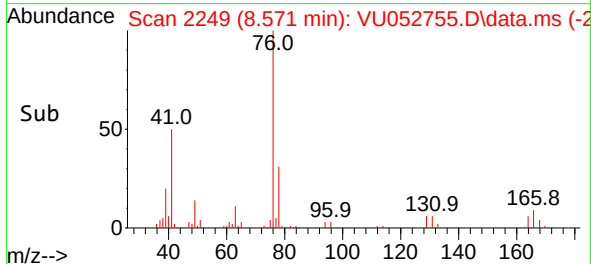
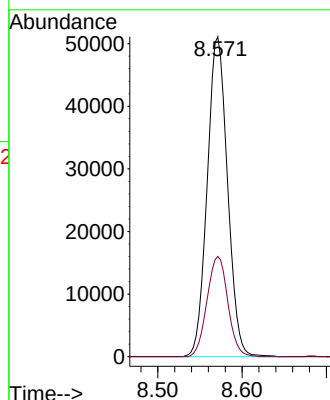
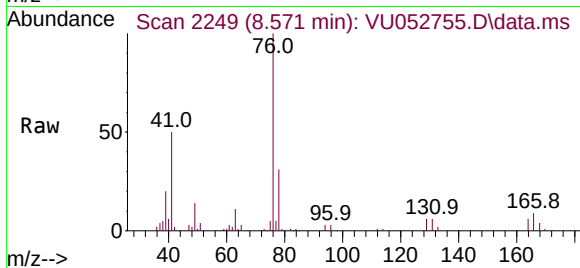
VU0120WBSD01

Tgt Ion: 76 Resp: 85605

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.190 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU052755.D

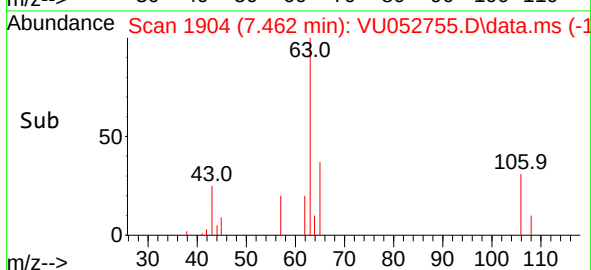
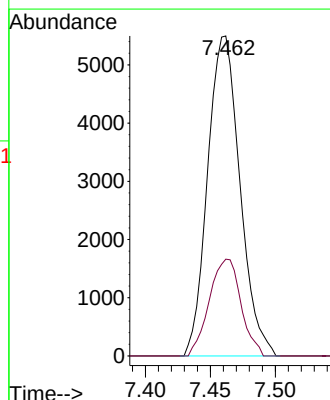
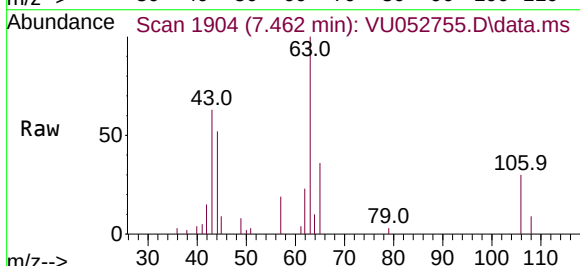
Acq: 20 Jan 2023 12:09

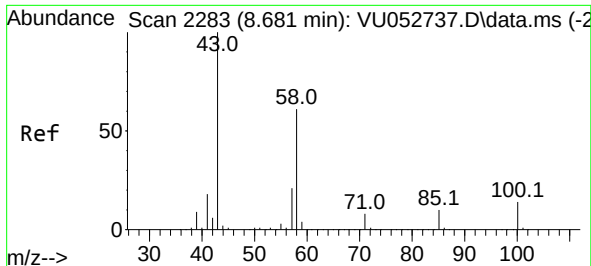
Tgt Ion: 63 Resp: 9508

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8

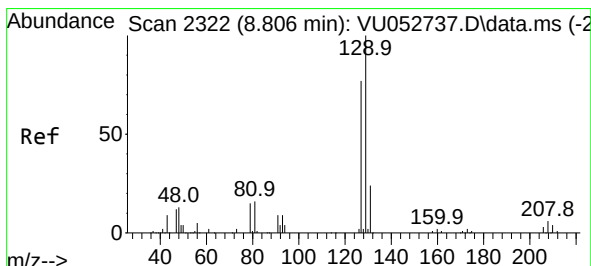
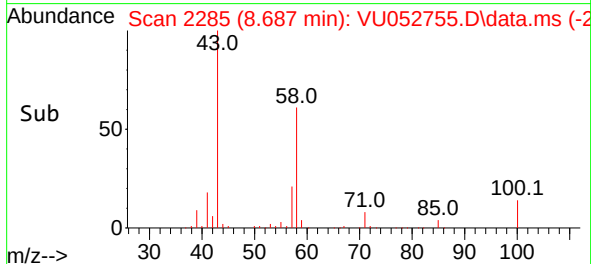
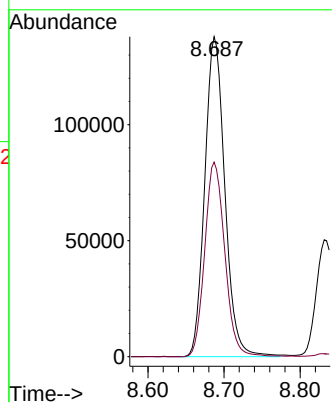
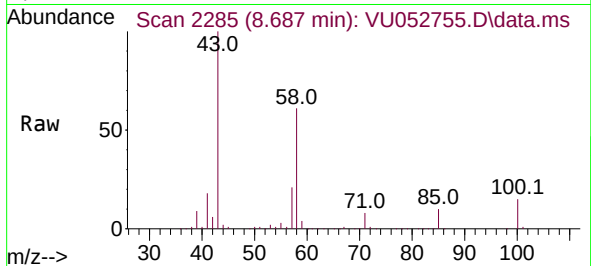




#59
2-Hexanone
Concen: 102.249 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

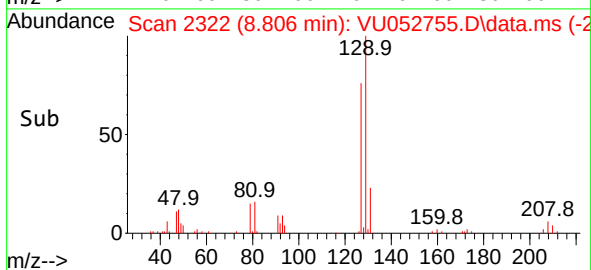
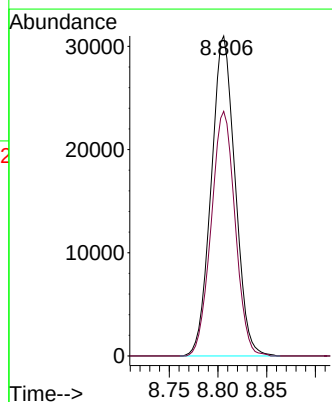
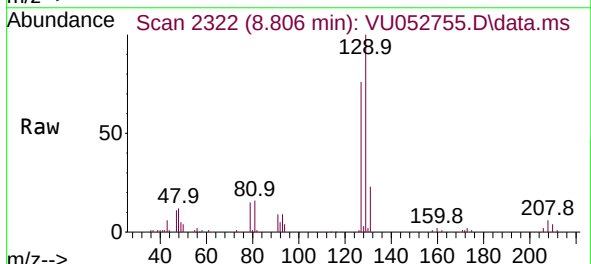
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

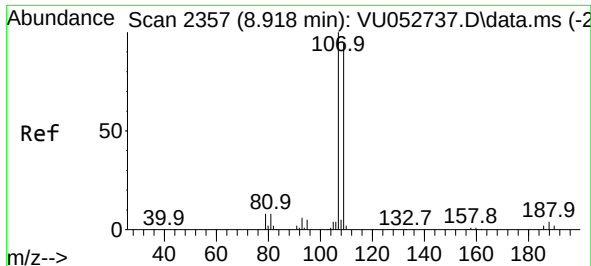
Tgt Ion: 43 Resp: 252723
Ion Ratio Lower Upper
43 100
58 60.8 29.8 89.5



#60
Dibromochloromethane
Concen: 19.741 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 129 Resp: 52868
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

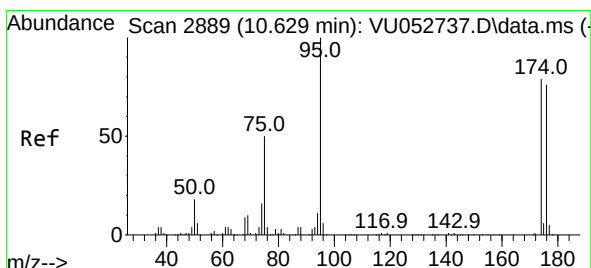
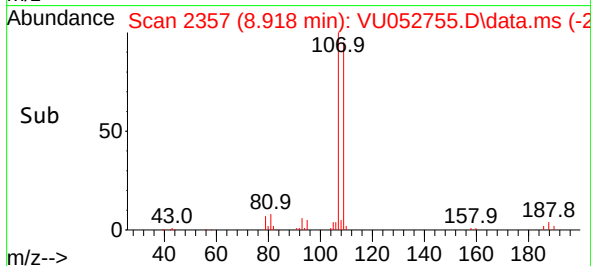
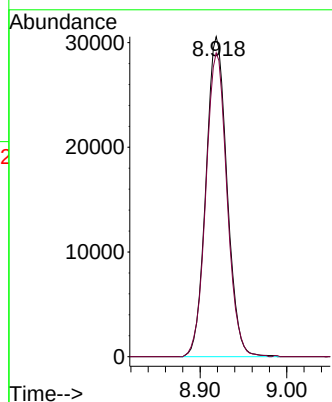
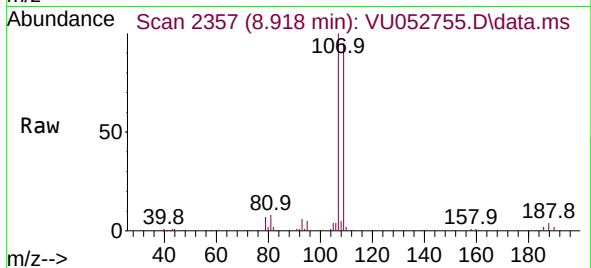




#61
1,2-Dibromoethane
Concen: 20.205 ug/l
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

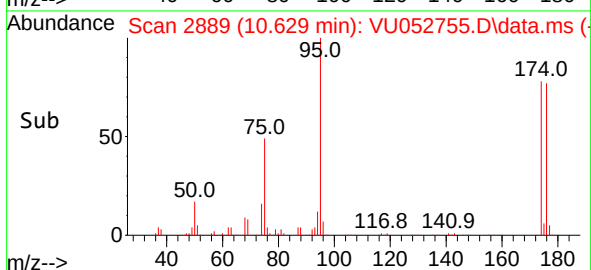
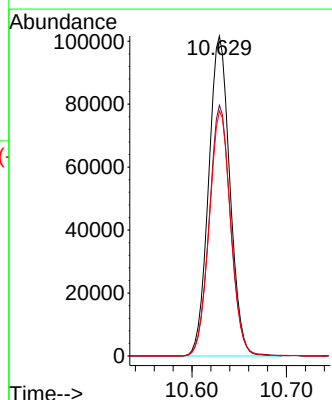
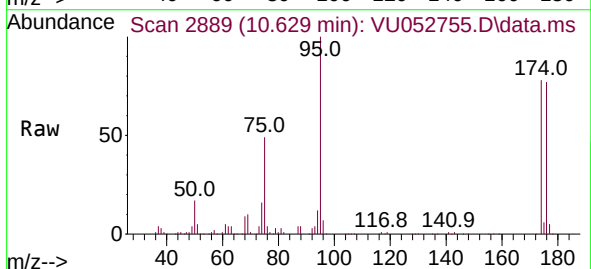
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

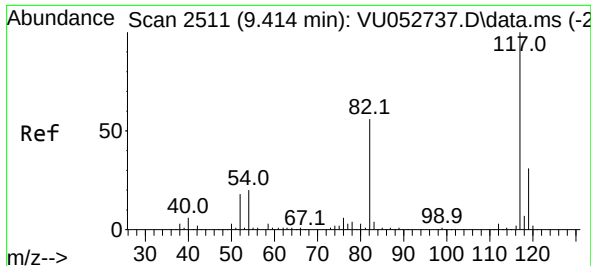
Tgt Ion:107 Resp: 51731
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.735 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 95 Resp: 158483
Ion Ratio Lower Upper
95 100
174 78.4 0.0 158.6
176 77.5 0.0 150.6

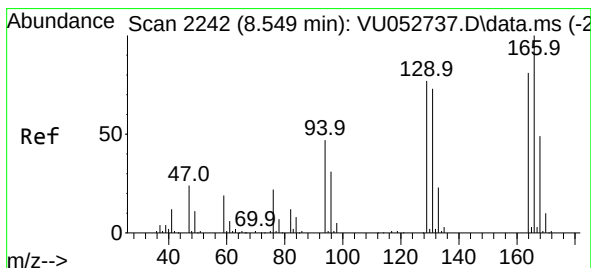
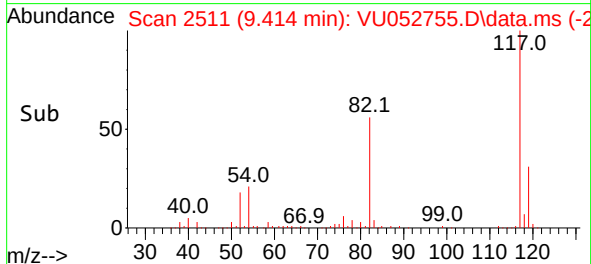
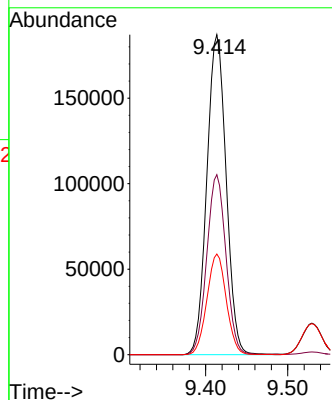
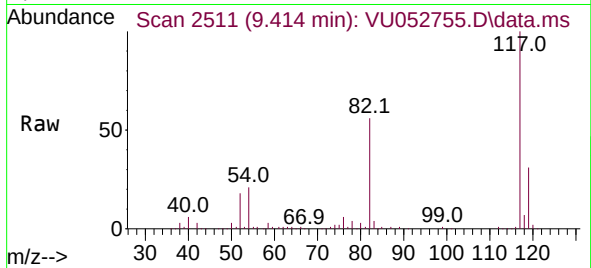




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

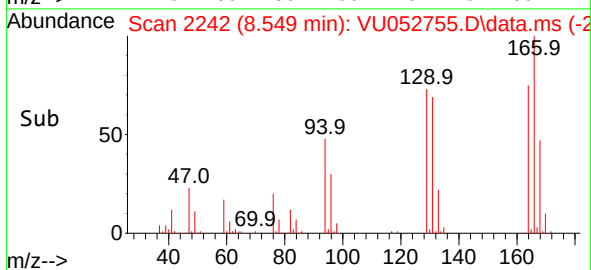
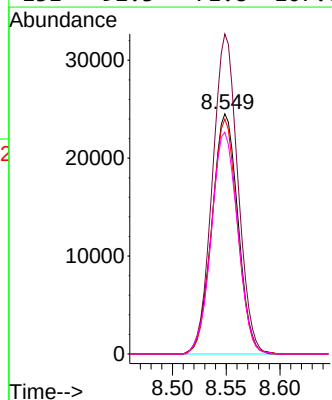
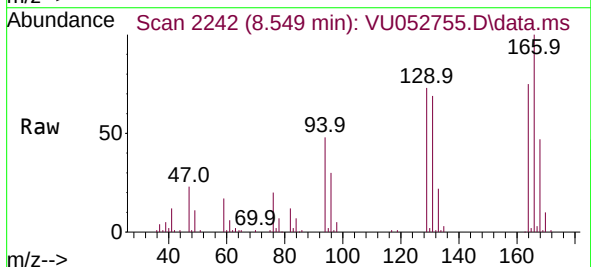
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

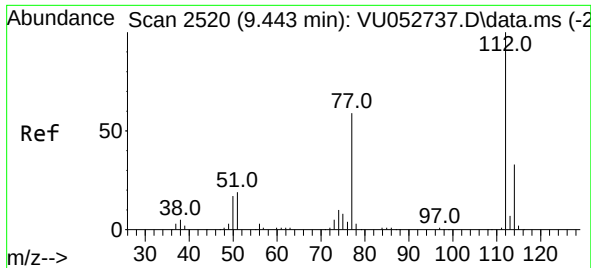
Tgt Ion:117 Resp: 305867
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 19.472 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:164 Resp: 41376
Ion Ratio Lower Upper
164 100
166 133.2 98.9 148.3
129 97.8 76.0 114.0
131 92.3 71.8 107.6

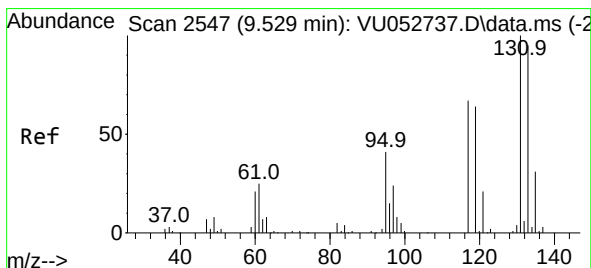
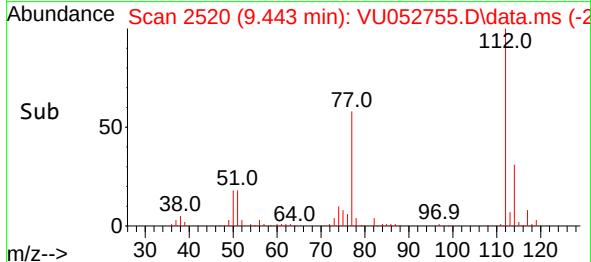
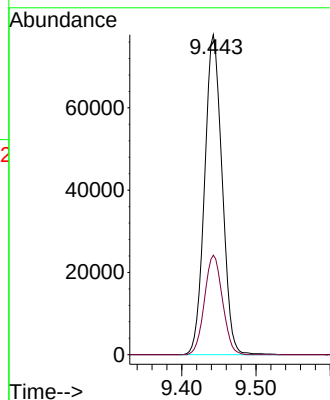
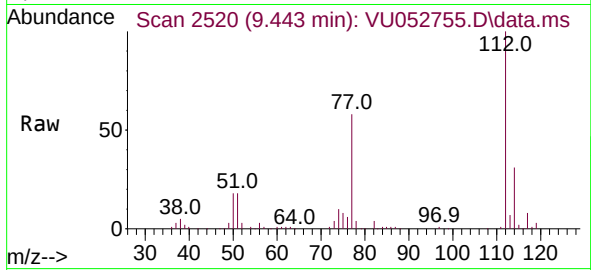




#65
Chlorobenzene
Concen: 19.654 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

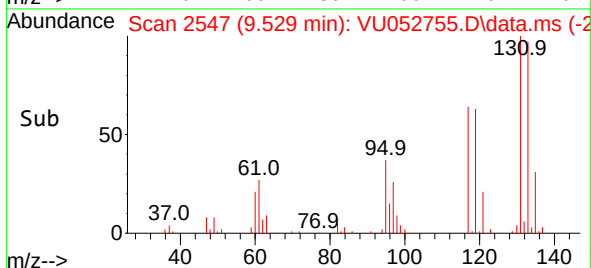
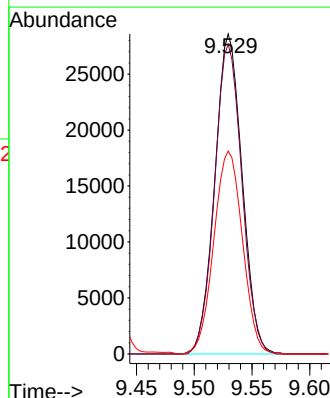
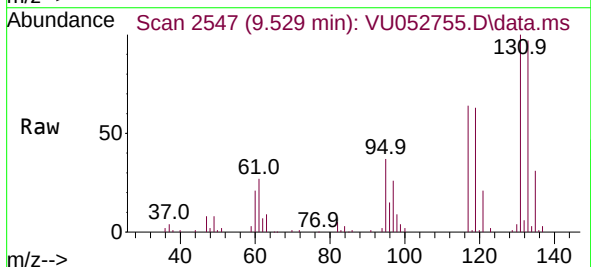
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

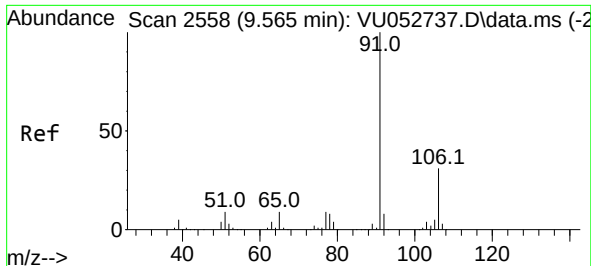
Tgt Ion:112 Resp: 127207
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.403 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:131 Resp: 47077
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 66.3 32.1 96.3





#67

Ethyl Benzene

Concen: 19.770 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

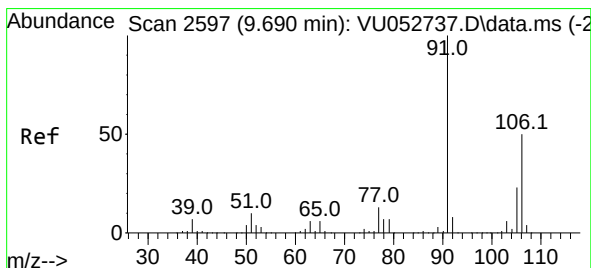
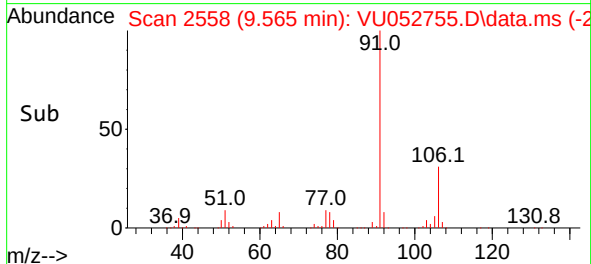
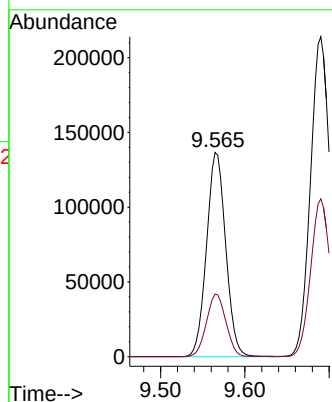
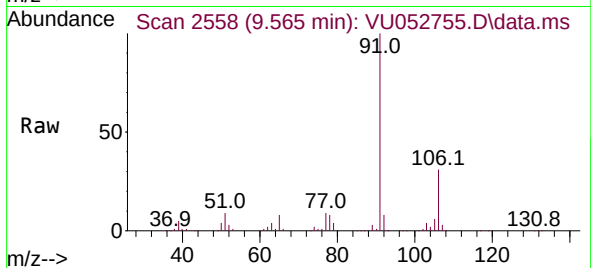
VU0120WBSD01

Tgt Ion: 91 Resp: 216241

Ion Ratio Lower Upper

91 100

106 30.6 24.6 37.0



#68

m/p-Xylenes

Concen: 40.777 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052755.D

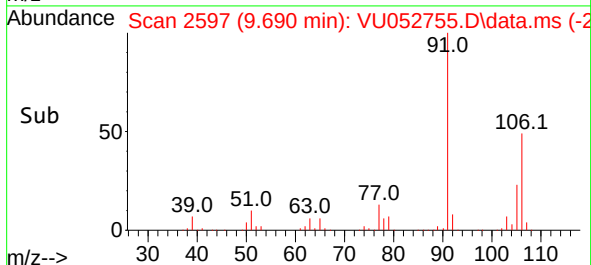
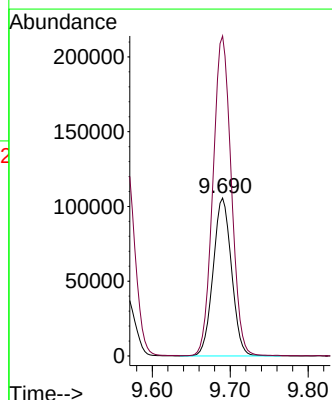
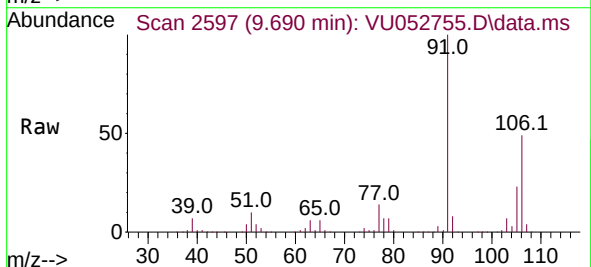
Acq: 20 Jan 2023 12:09

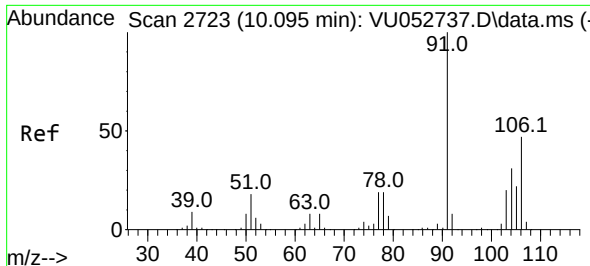
Tgt Ion: 106 Resp: 173220

Ion Ratio Lower Upper

106 100

91 201.7 160.8 241.2

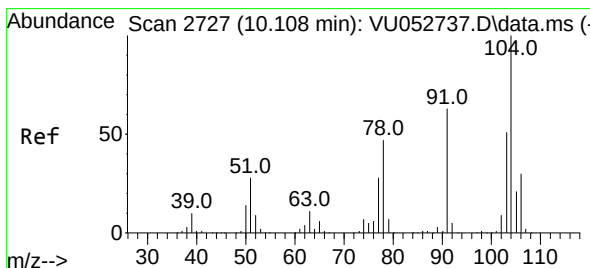
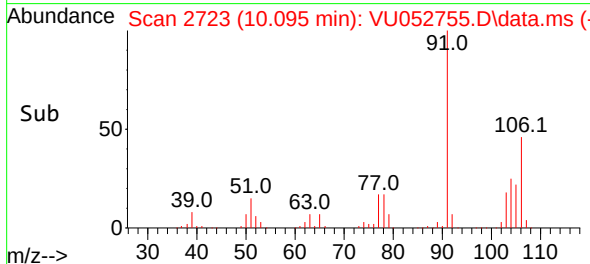
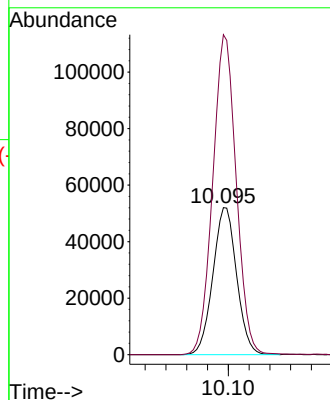
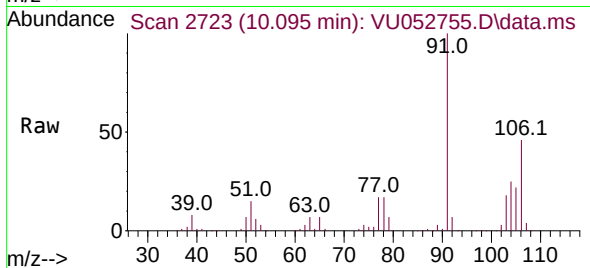




#69
o-Xylene
Concen: 20.325 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

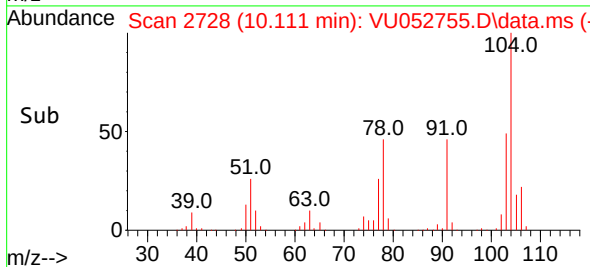
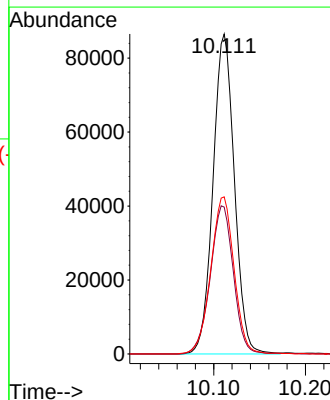
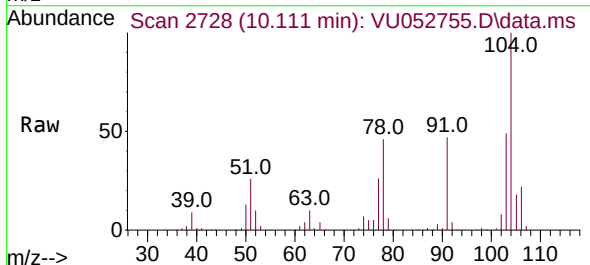
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

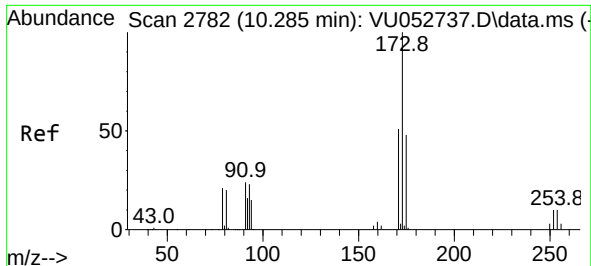
Tgt Ion:106 Resp: 82422
Ion Ratio Lower Upper
106 100
91 215.6 107.9 323.7



#70
Styrene
Concen: 19.771 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:104 Resp: 140202
Ion Ratio Lower Upper
104 100
78 49.8 39.9 59.9
103 53.5 43.4 65.2

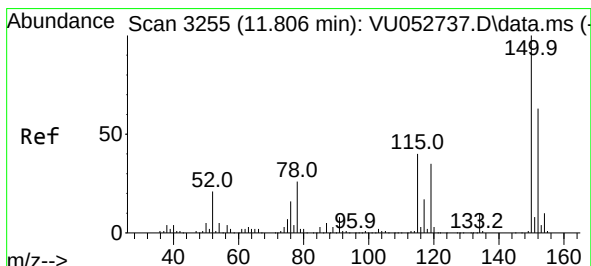
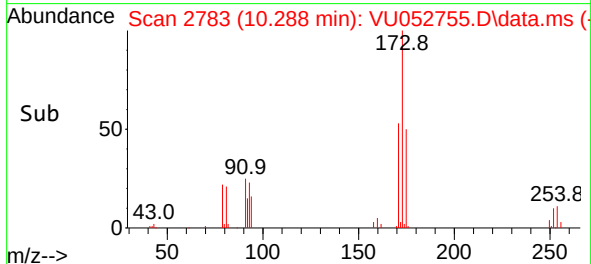
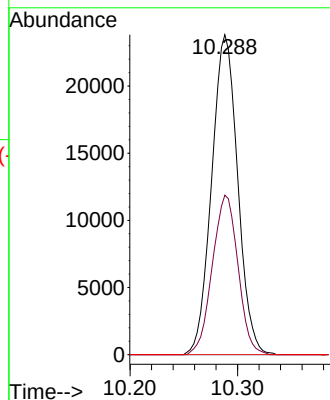
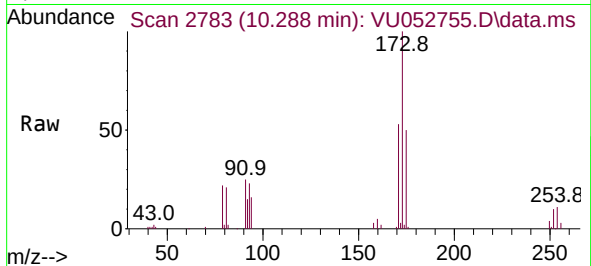




#71
Bromoform
Concen: 19.784 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

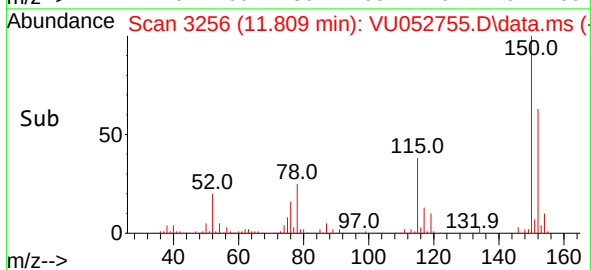
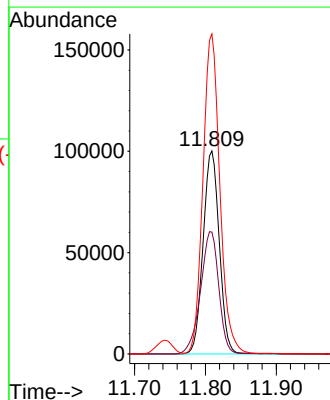
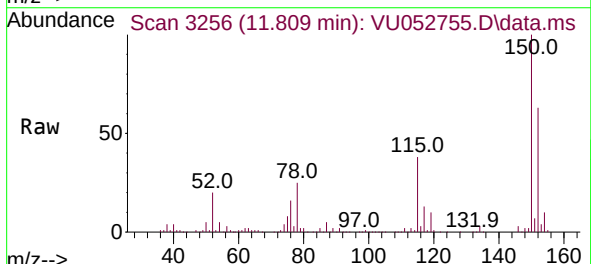
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

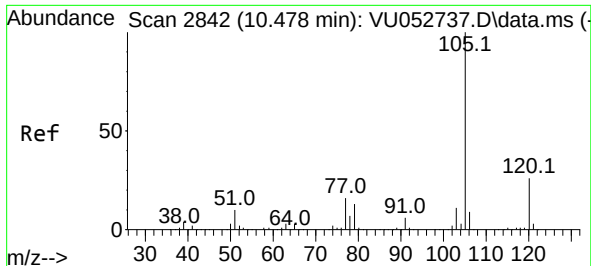
Tgt Ion:173 Resp: 40088
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:152 Resp: 158865
Ion Ratio Lower Upper
152 100
115 67.8 41.7 125.1
150 164.8 0.0 349.2

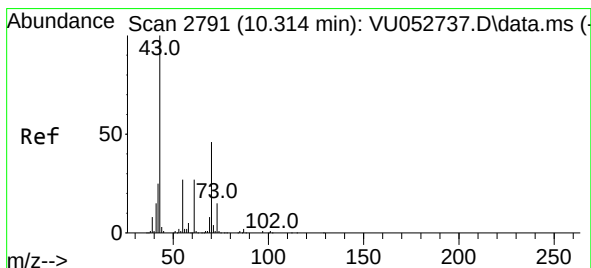
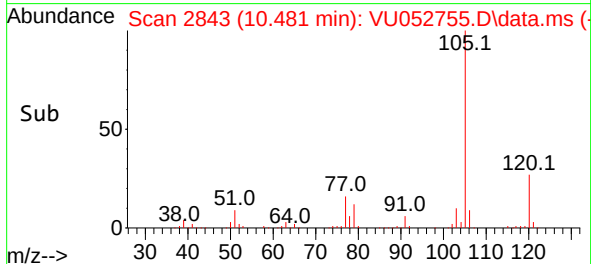
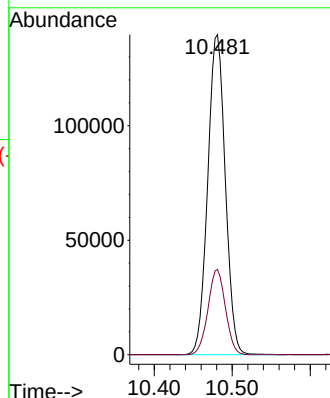
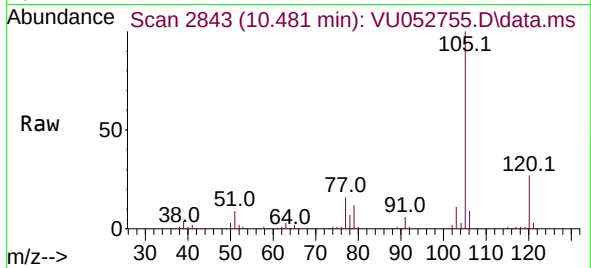




#73
Isopropylbenzene
Concen: 20.912 ug/l
RT: 10.481 min Scan# 218862
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

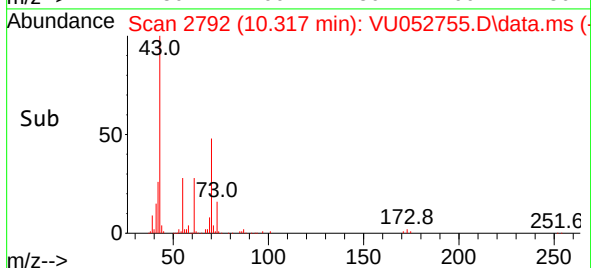
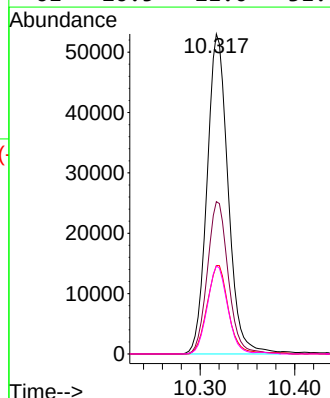
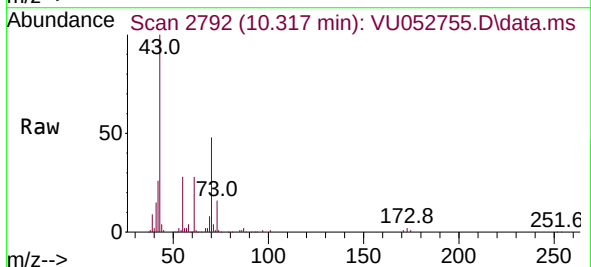
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

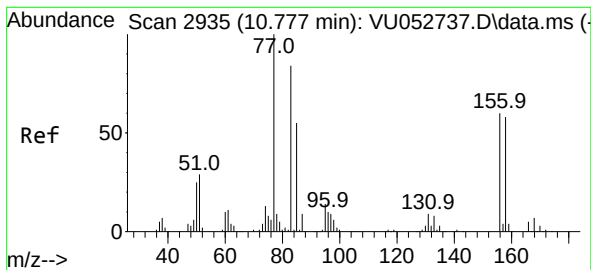
Tgt Ion:105 Resp: 218862
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 20.579 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 43 Resp: 82053
Ion Ratio Lower Upper
43 100
70 47.5 37.9 56.9
55 28.0 21.9 32.9
61 26.5 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.501 ug/l

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

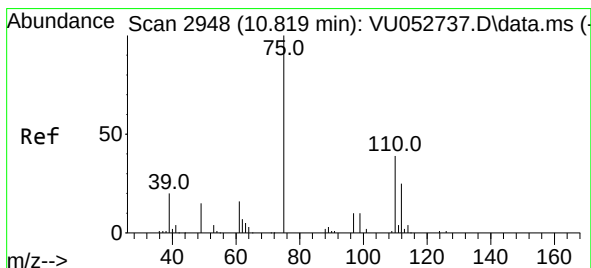
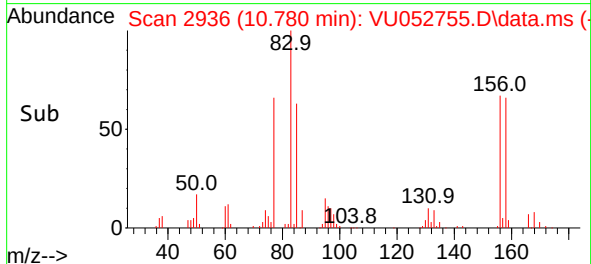
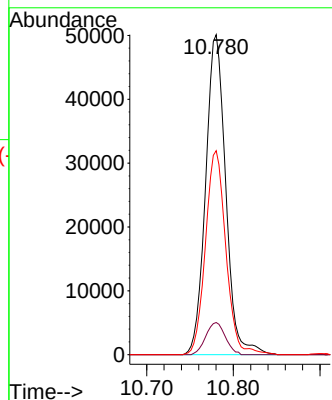
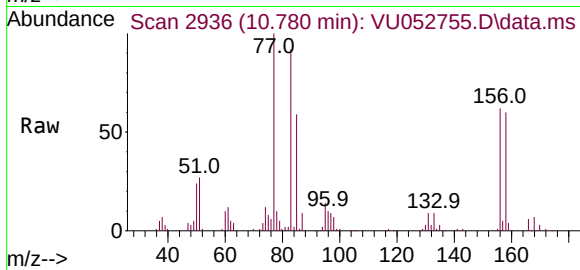
Tgt Ion: 83 Resp: 80861

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 20.205 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. -0.000 min

Lab File: VU052755.D

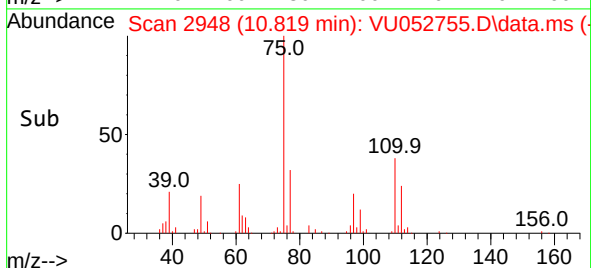
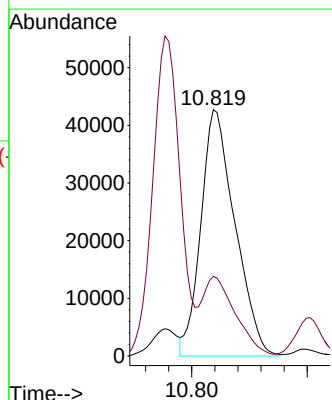
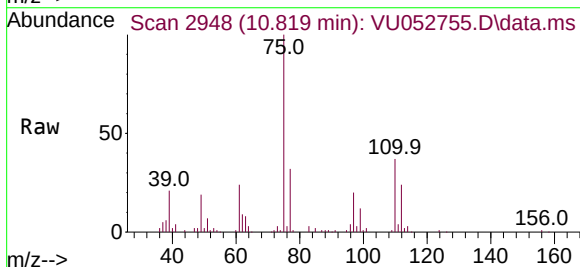
Acq: 20 Jan 2023 12:09

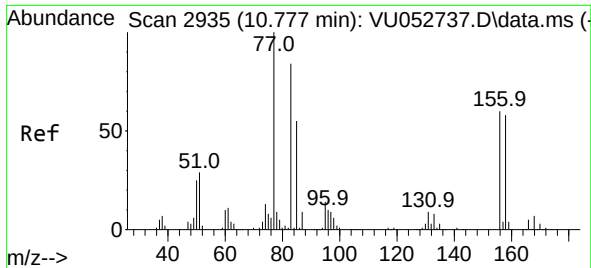
Tgt Ion: 75 Resp: 87595

Ion Ratio Lower Upper

75 100

77 30.1 15.0 45.1

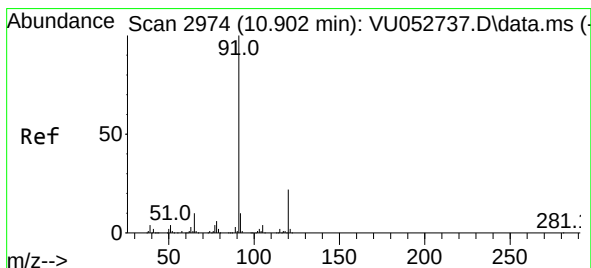
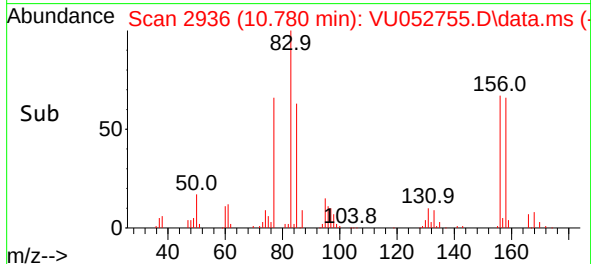
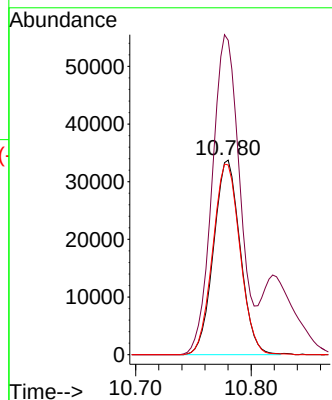
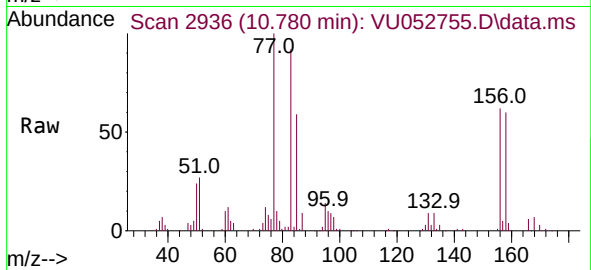




#77
Bromobenzene
Concen: 19.983 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

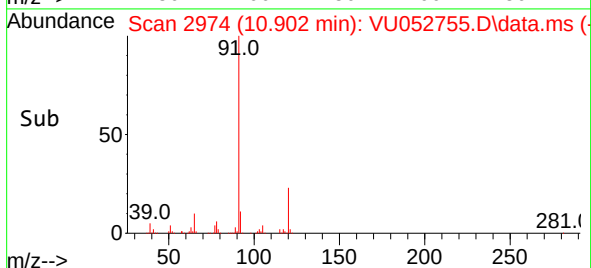
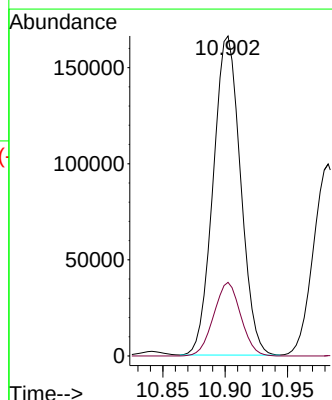
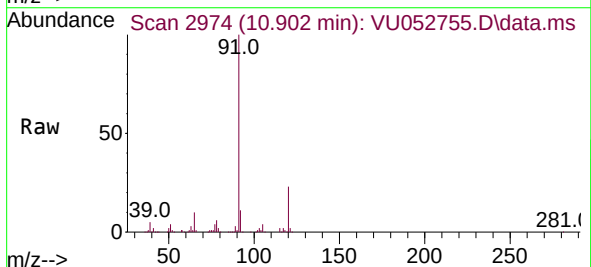
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

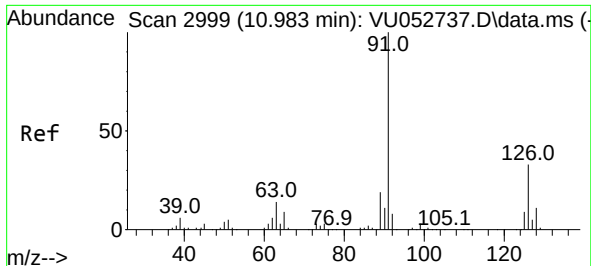
Tgt Ion:156 Resp: 54090
Ion Ratio Lower Upper
156 100
77 168.6 83.8 251.4
158 100.6 48.7 146.1



#78
n-propylbenzene
Concen: 20.616 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 91 Resp: 253761
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

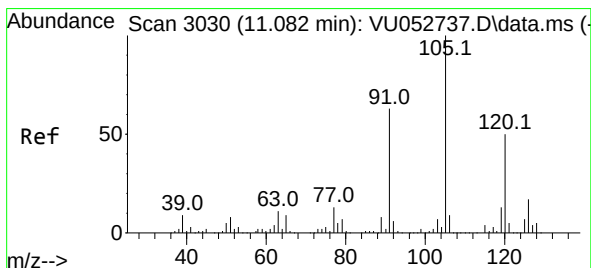
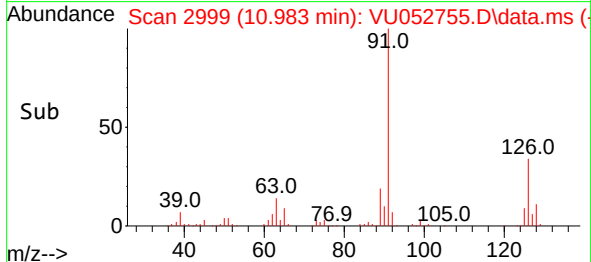
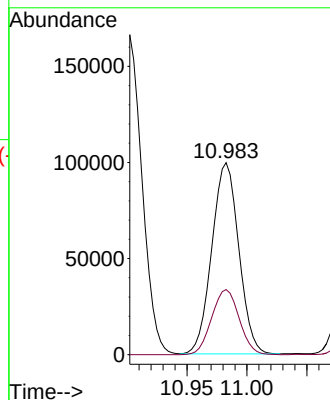
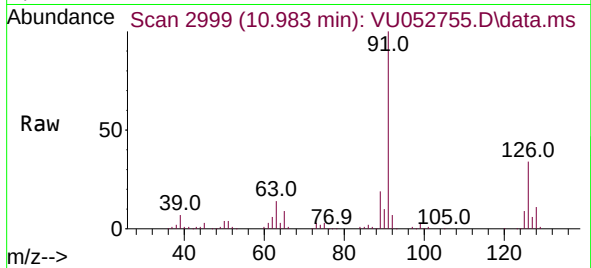




#79
2-Chlorotoluene
Concen: 20.432 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

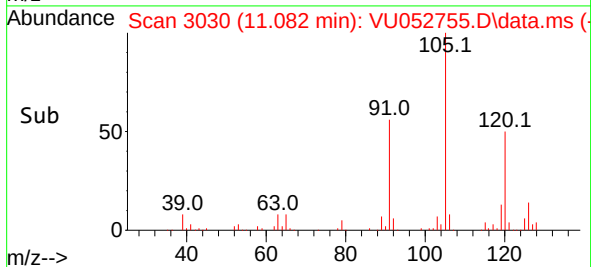
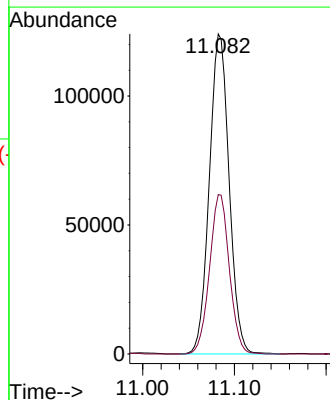
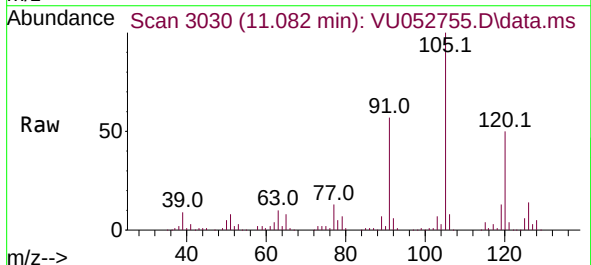
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

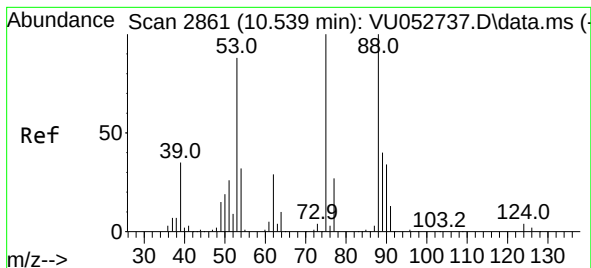
Tgt Ion: 91 Resp: 155406
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.356 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 105 Resp: 185678
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.2

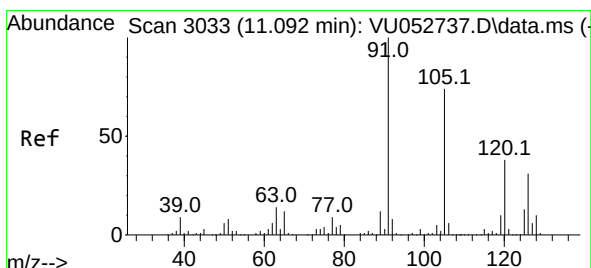
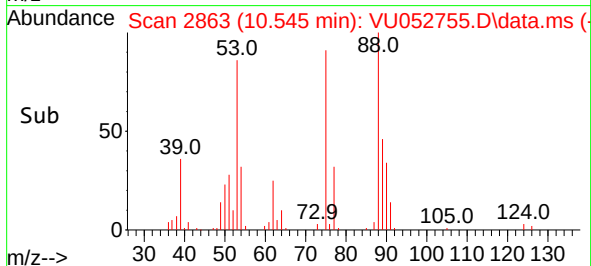
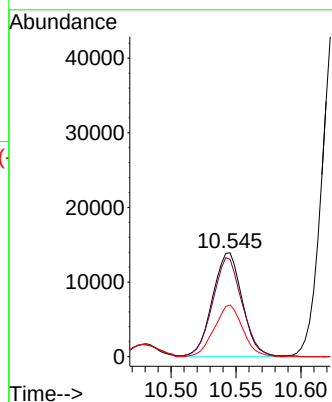
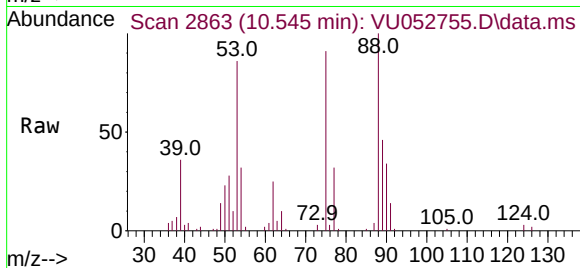




#81
trans-1,4-Dichloro-2-butene
Concen: 19.839 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. 0.006 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

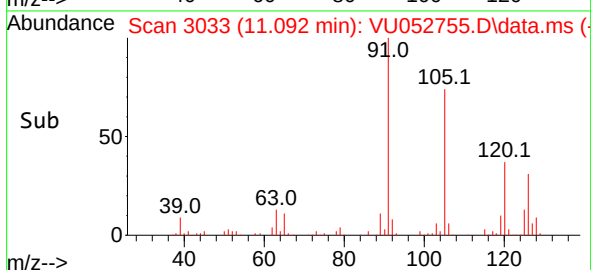
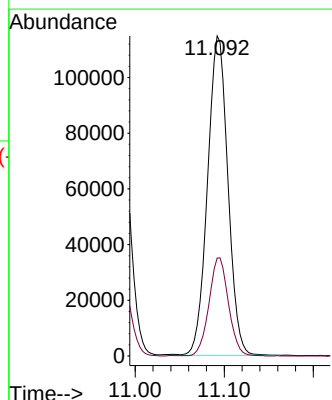
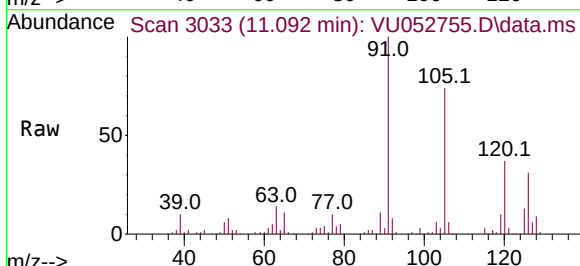
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

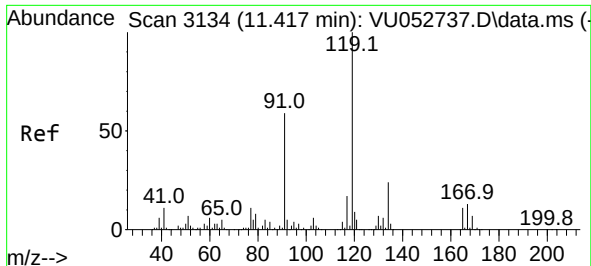
Tgt Ion: 75 Resp: 22134
Ion Ratio Lower Upper
75 100
53 93.3 72.4 108.6
89 47.5 35.0 52.4



#82
4-Chlorotoluene
Concen: 20.973 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 91 Resp: 181824
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.7

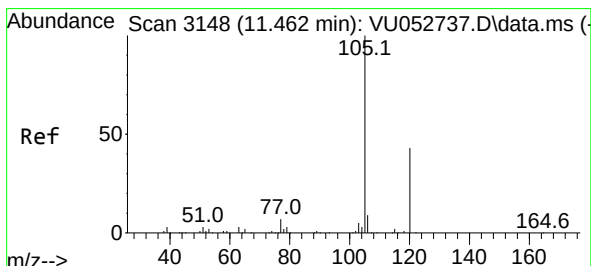
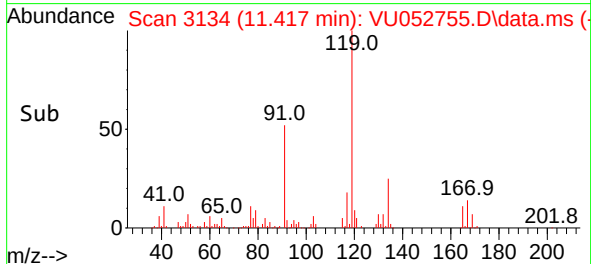
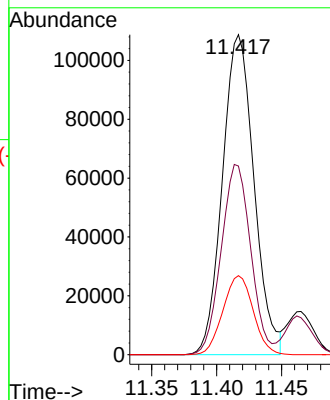
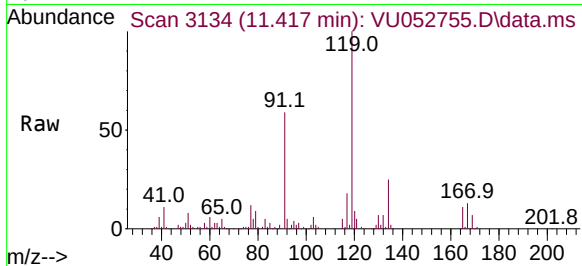




#83
 tert-Butylbenzene
 Concen: 20.608 ug/l
 RT: 11.417 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

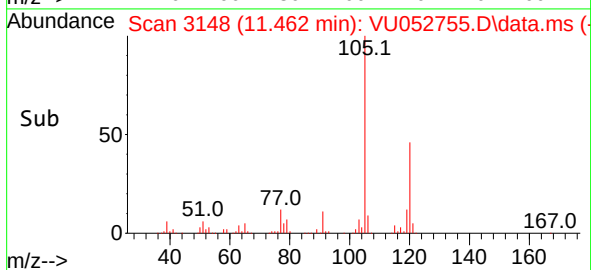
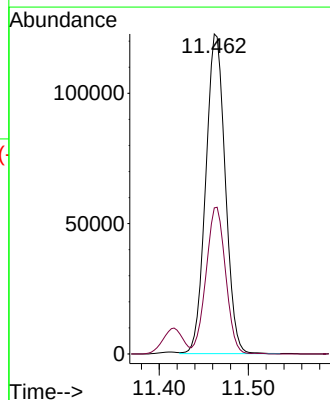
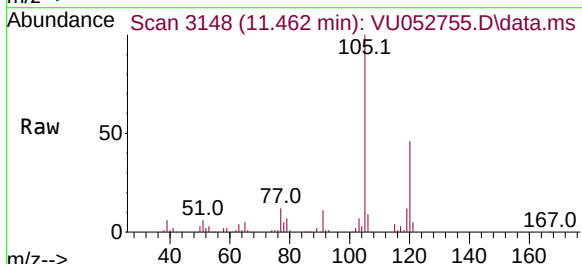
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBSD01

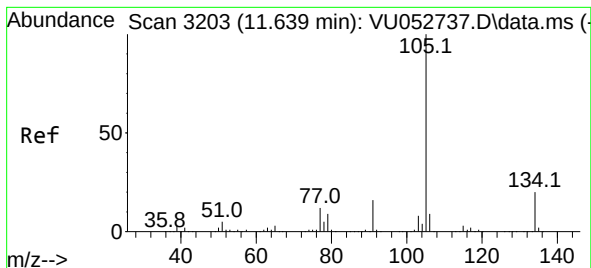
Tgt Ion:119 Resp: 183902
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.4 85.2
 134 23.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.532 ug/l
 RT: 11.462 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

Tgt Ion:105 Resp: 185817
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.906 ug/l

RT: 11.639 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

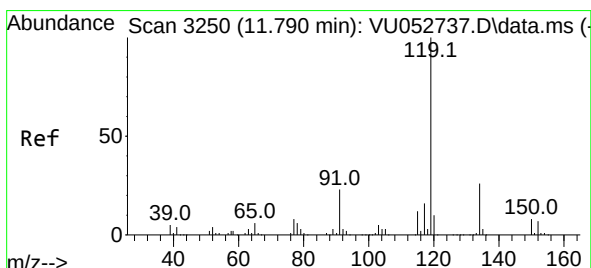
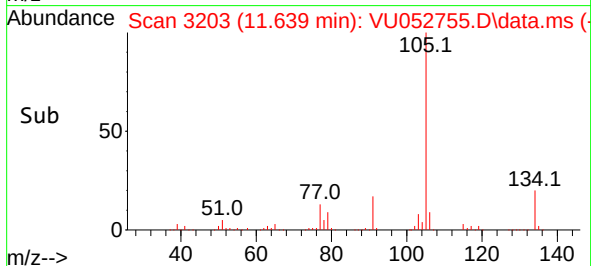
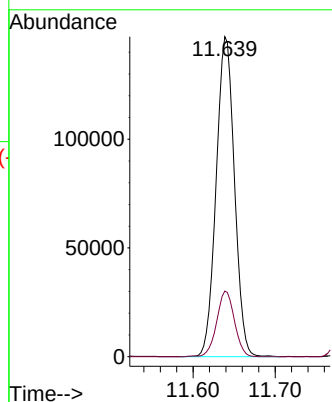
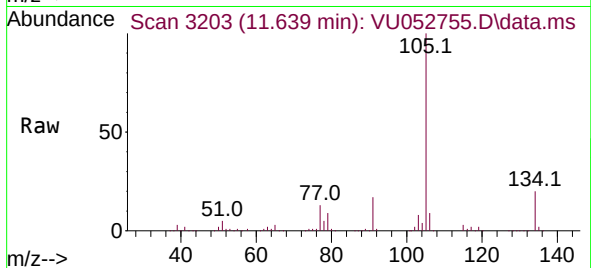
VU0120WBSD01

Tgt Ion:105 Resp: 228376

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.552 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

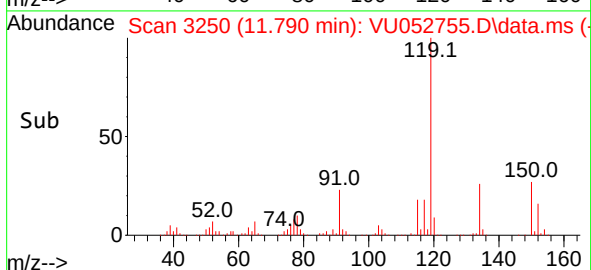
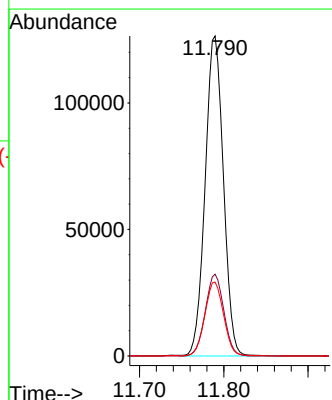
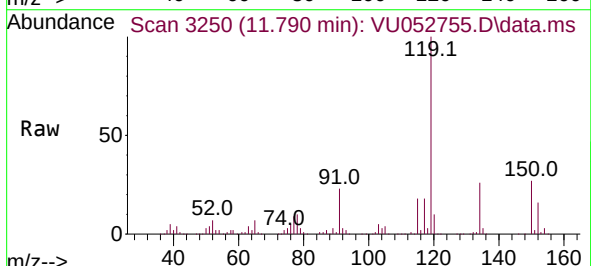
Tgt Ion:119 Resp: 190901

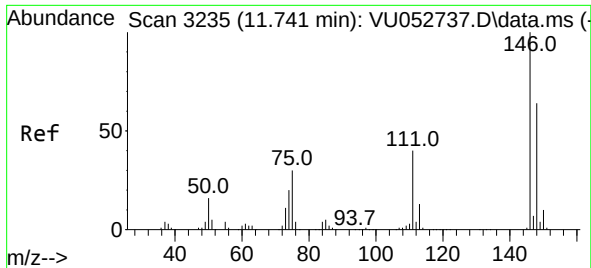
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.8 11.5 34.5

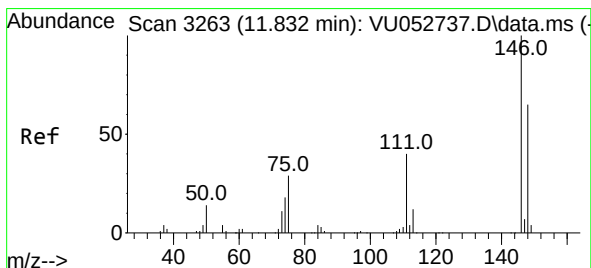
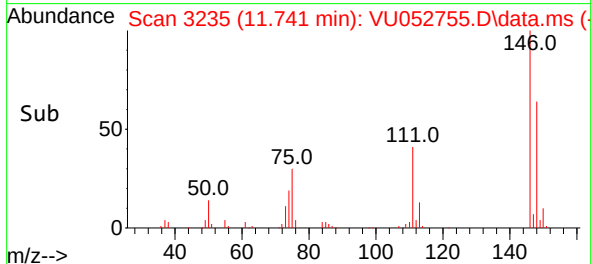
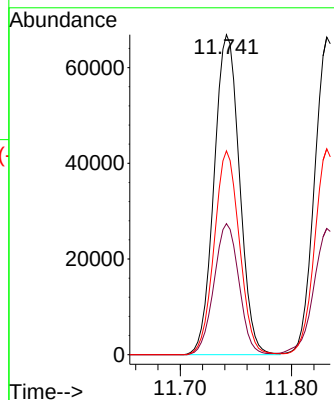
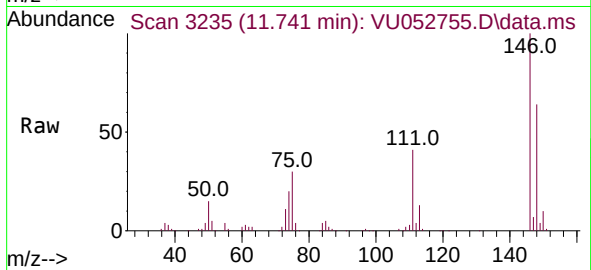




#87
 1,3-Dichlorobenzene
 Concen: 20.568 ug/l
 RT: 11.741 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

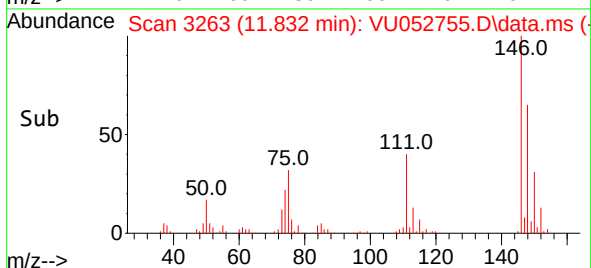
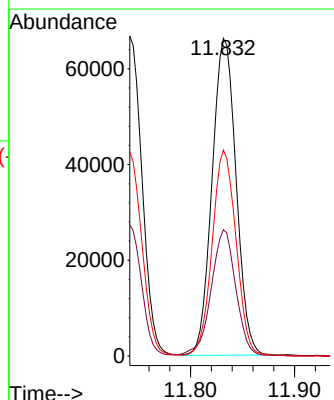
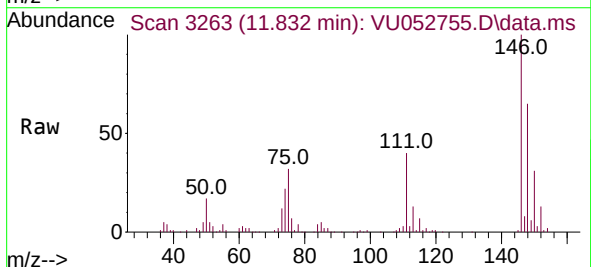
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0120WBSD01

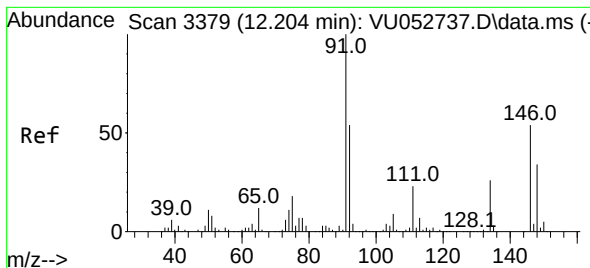
Tgt Ion:146 Resp: 106123
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.2
 148 63.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.059 ug/l
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.000 min
 Lab File: VU052755.D
 Acq: 20 Jan 2023 12:09

Tgt Ion:146 Resp: 106415
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 64.9 32.3 96.8





#89

n-Butylbenzene

Concen: 18.851 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052755.D

Acq: 20 Jan 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

VU0120WBSD01

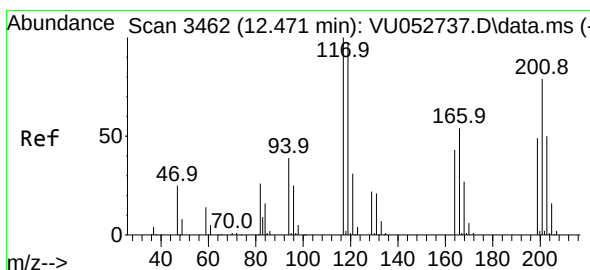
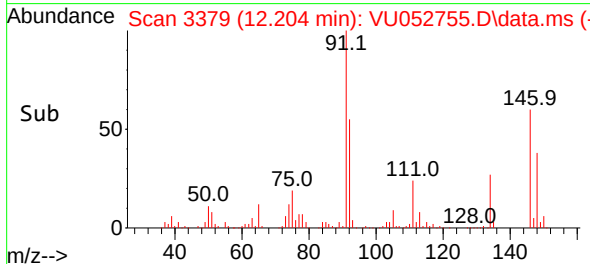
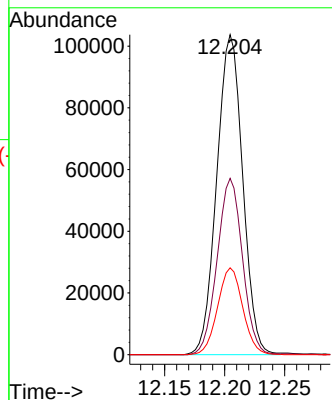
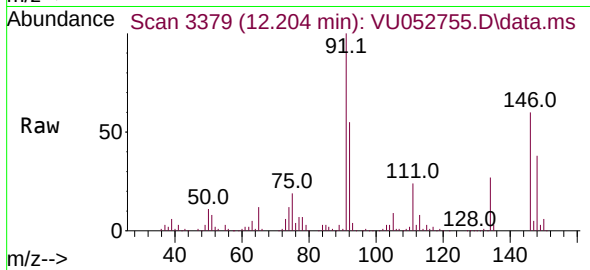
Tgt Ion: 91 Resp: 155819

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

134 26.3 13.1 39.3



#90

Hexachloroethane

Concen: 18.868 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. -0.000 min

Lab File: VU052755.D

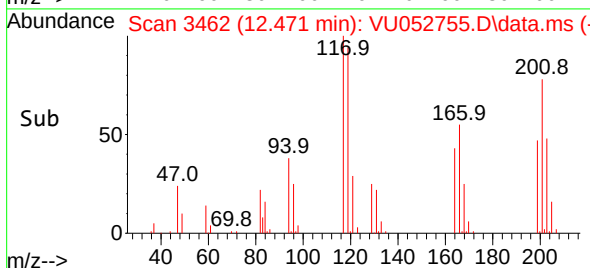
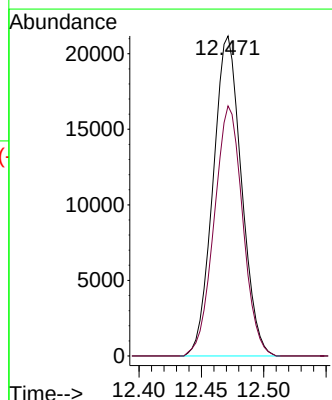
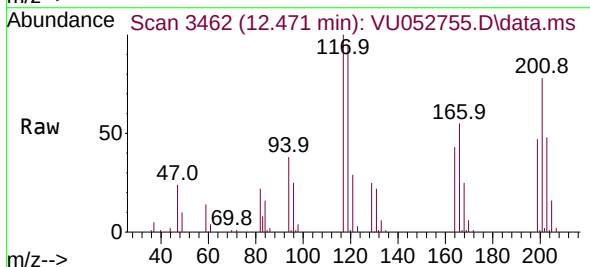
Acq: 20 Jan 2023 12:09

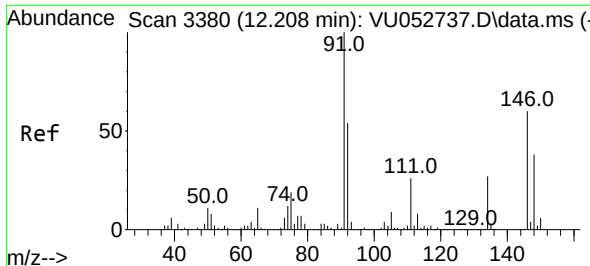
Tgt Ion: 117 Resp: 33624

Ion Ratio Lower Upper

117 100

201 78.5 39.3 117.9

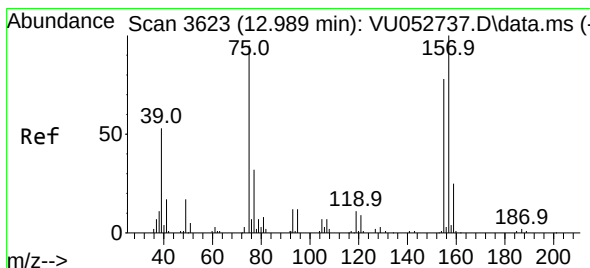
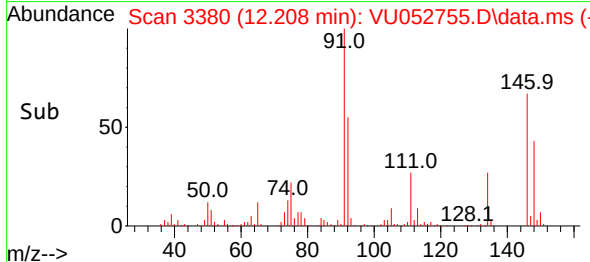
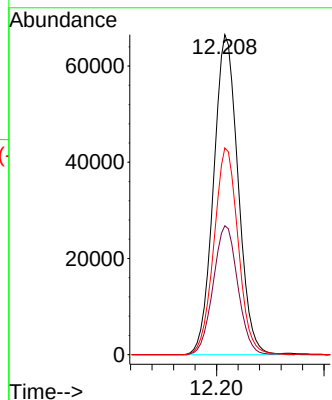
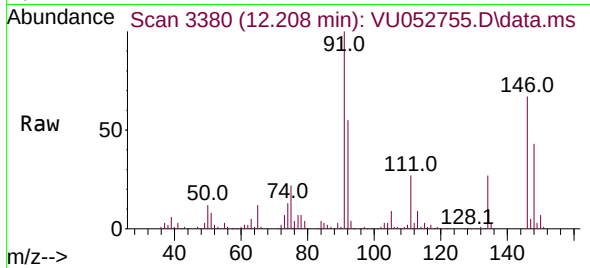




#91
1,2-Dichlorobenzene
Concen: 20.210 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

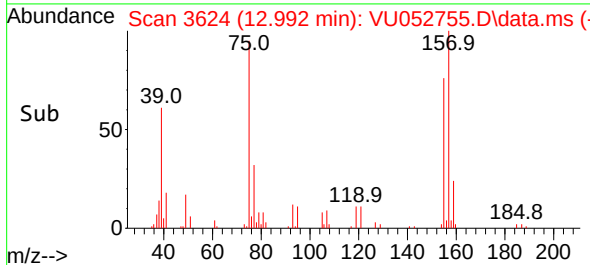
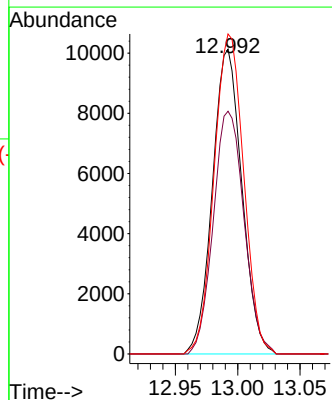
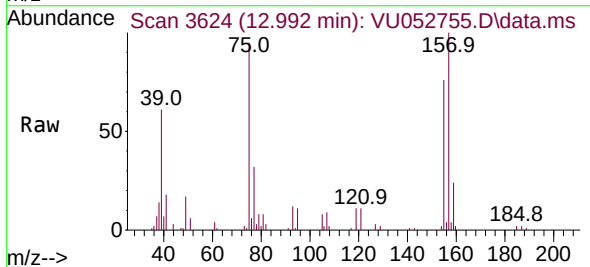
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

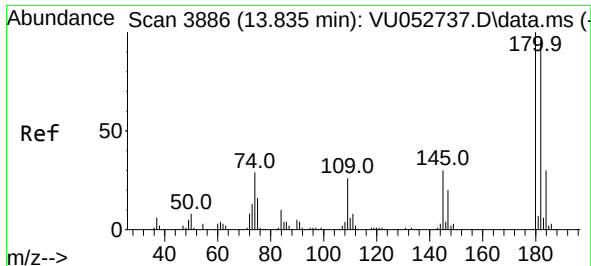
Tgt Ion:146 Resp: 105157
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.1
148 64.1 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.371 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion: 75 Resp: 16666
Ion Ratio Lower Upper
75 100
155 83.0 41.4 124.4
157 105.6 53.4 160.2

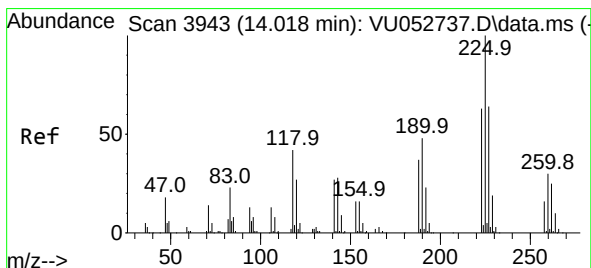
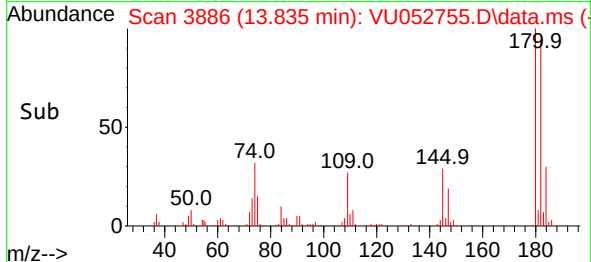
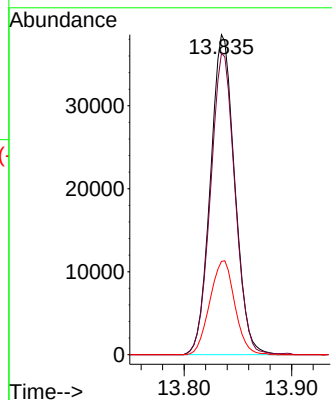
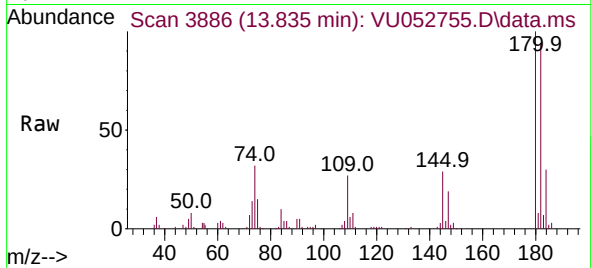




#93
1,2,4-Trichlorobenzene
Concen: 19.925 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

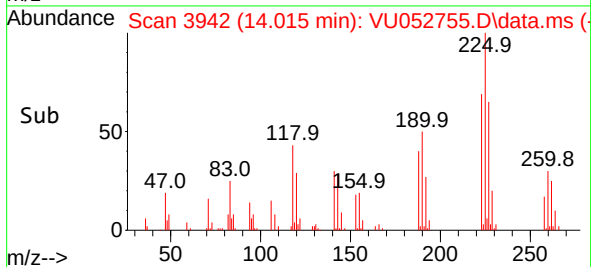
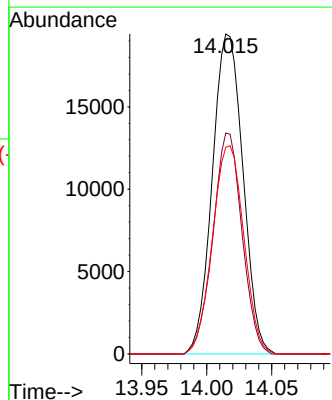
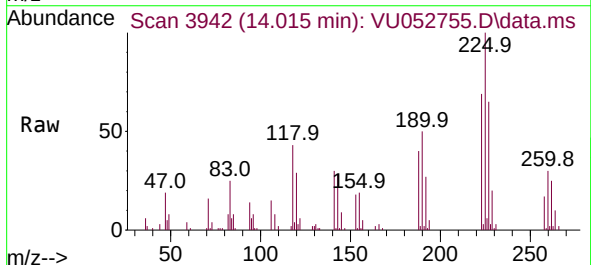
Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

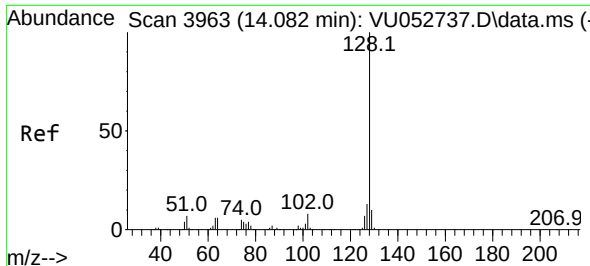
Tgt Ion:180 Resp: 60551
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 30.2 14.9 44.5



#94
Hexachlorobutadiene
Concen: 18.863 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:225 Resp: 31774
Ion Ratio Lower Upper
225 100
223 65.6 31.8 95.3
227 66.6 31.8 95.4

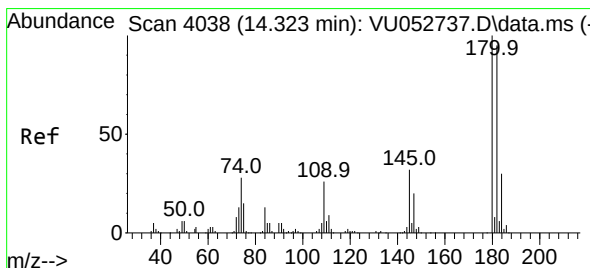
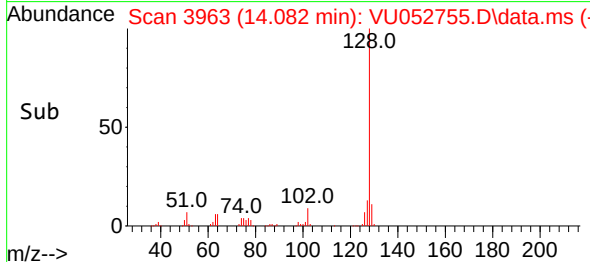
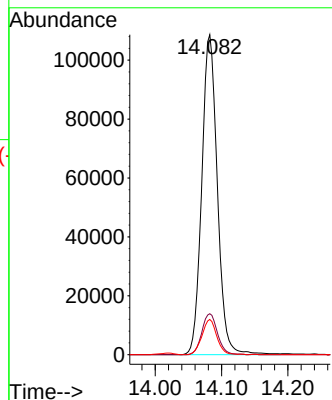
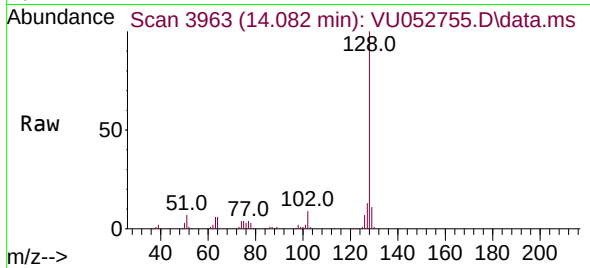




#95
Naphthalene
Concen: 19.256 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :
VU0120WBSD01

Tgt Ion:128 Resp: 178000
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.240 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052755.D
Acq: 20 Jan 2023 12:09

Tgt Ion:180 Resp: 61062
Ion Ratio Lower Upper
180 100
182 95.9 48.1 144.3
145 31.2 15.8 47.4

