

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058372.D
 Acq On : 04 Apr 2024 15:36
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:46:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88652	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3070	0.429	ug/L	0.00
7) Chloroethane-d5	1.907	69	2394	0.407	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1278	0.426	ug/L	0.00
20) 2-Butanone-d5	4.666	46	5865	4.504	ug/L	0.03
24) Chloroform-d	5.058	84	5844	0.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	2666	0.440	ug/L	0.00
32) Benzene-d6	5.727	84	11115	0.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	3679	0.476	ug/L	0.00
41) Toluene-d8	7.897	98	9620	0.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	981	0.394	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	3729	3.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	2444	0.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	3557	0.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3239	0.739	ug/L	100
3) Chloromethane	1.515	50	4247	0.772	ug/L	96
5) Vinyl chloride	1.599	62	3996	0.683	ug/L	95
6) Bromomethane	1.856	94	1966	0.656	ug/L	93
8) Chloroethane	1.927	64	2500	0.666	ug/L	92
9) Trichlorofluoromethane	2.132	101	5205	0.577	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3092	0.546	ug/L	96
12) 1,1-Dichloroethene	2.573	96	2685	0.558	ug/L	89
13) Acetone	2.660	43	4221	4.658	ug/L	70
14) Carbon disulfide	2.788	76	8977	0.761	ug/L	96
15) Methyl Acetate	2.965	43	403	0.209	ug/L #	55
16) Methylene chloride	3.039	84	5033	0.735	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	6414	0.512	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	2922	0.577	ug/L	93
19) 1,1-Dichloroethane	3.865	63	6673	0.598	ug/L	97
21) 2-Butanone	4.737	43	5354	3.902	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	3203	0.528	ug/L	94
23) Bromochloromethane	4.975	128	1221	0.536	ug/L	97
25) Chloroform	5.084	83	6135	0.531	ug/L	94
27) 1,2-Dichloroethane	5.795	62	3627	0.545	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	4745	0.523	ug/L	99
30) Cyclohexane	5.380	56	5082	0.607	ug/L	97
31) Carbon tetrachloride	5.515	117	4172	0.536	ug/L	94
33) Benzene	5.772	78	13116	0.561	ug/L	100
34) Trichloroethene	6.537	95	3591	0.594	ug/L	94
35) Methylcyclohexane	6.759	83	4956	0.569	ug/L	98
37) 1,2-Dichloropropane	6.785	63	3363	0.518	ug/L #	90
38) Bromodichloromethane	7.106	83	3956	0.535	ug/L	87
39) cis-1,3-Dichloropropene	7.608	75	4142	0.508	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	17947	5.560	ug/L	97
42) Toluene	7.965	91	13033	0.528	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	3164	0.493	ug/L	96

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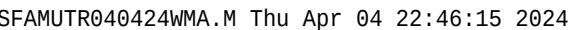
Quant Time: Apr 04 22:46:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
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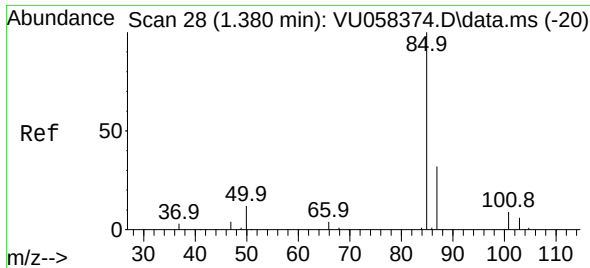
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	2032	0.506	ug/L	92
47) Tetrachloroethene	8.550	164	2489	0.603	ug/L	98
48) 2-Hexanone	8.688	43	13458	5.708	ug/L	98
49) Dibromochloromethane	8.804	129	2209	0.498	ug/L	85
50) 1,2-Dibromoethane	8.923	107	1788	0.517	ug/L #	92
51) Chlorobenzene	9.444	112	8797	0.562	ug/L	95
52) Ethylbenzene	9.566	91	14070	0.515	ug/L	98
53) m,p-Xylene	9.692	106	4819	0.493	ug/L	93
54) o-Xylene	10.097	106	5004	0.512	ug/L	94
55) Styrene	10.113	104	7111	0.459	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	2638	0.557	ug/L	96
59) Bromoform	10.286	173	1185	0.559	ug/L #	89
60) Isopropylbenzene	10.479	105	12343	0.515	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	1965	0.587	ug/L	95
62) 1,3,5-Trimethylbenzene	11.087	105	9685	0.484	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	9872	0.492	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	7025	0.629	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	6824	0.632	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	6413	0.623	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	267	0.531	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	5379	0.680	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	5083	0.873	ug/L	96
71) Naphthalene	14.090	128	9966	1.281	ug/L	94
72) 1,2,3-Trichlorobenzene	14.328	180	4713	0.987	ug/L	99

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

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Response via : Initial Calibration

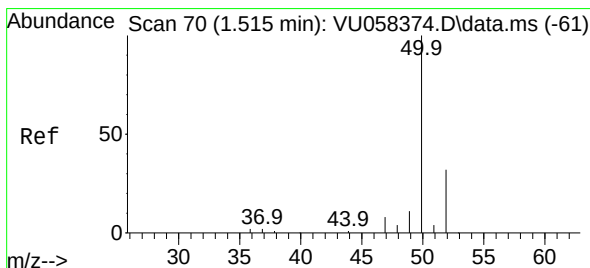
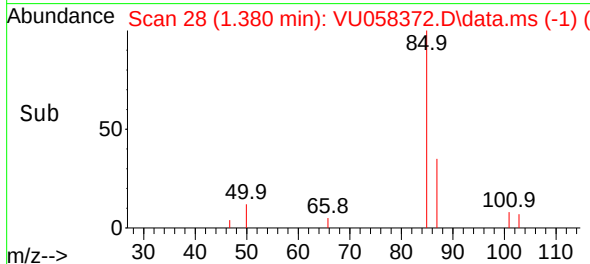
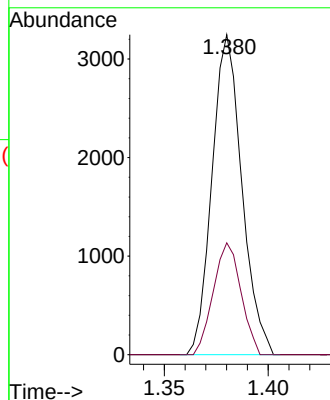
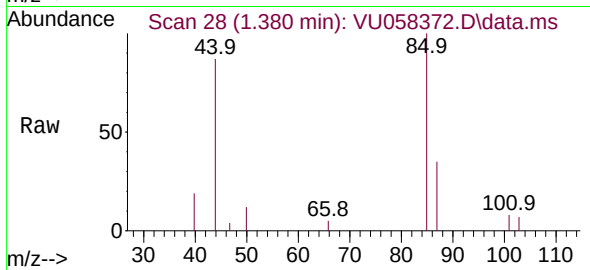




#2
 Dichlorodifluoromethane
 Concen: 0.739 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

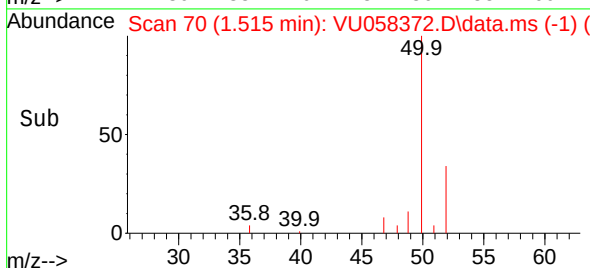
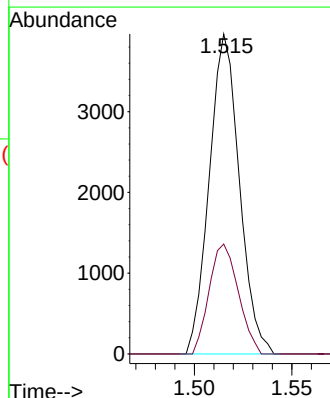
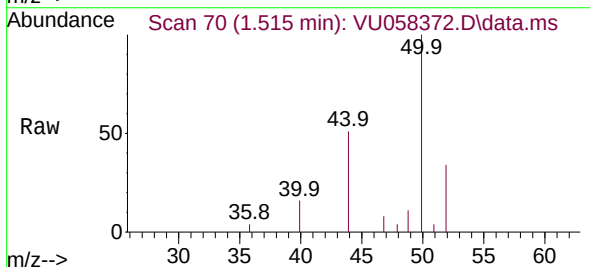
Instrument :
 MSVOA_U
 ClientSampleId :

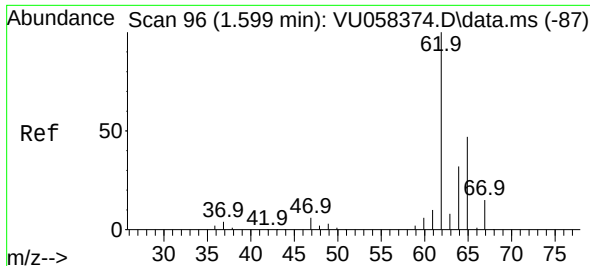
Tgt Ion: 85 Resp: 3239
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 0.772 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

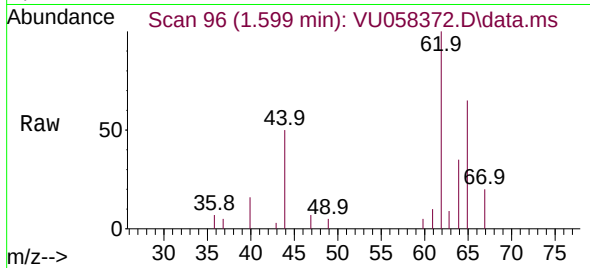
Tgt Ion: 50 Resp: 4247
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.6 42.0



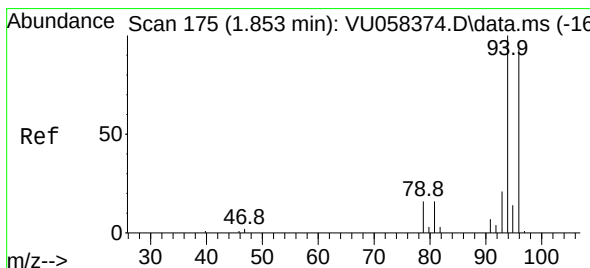
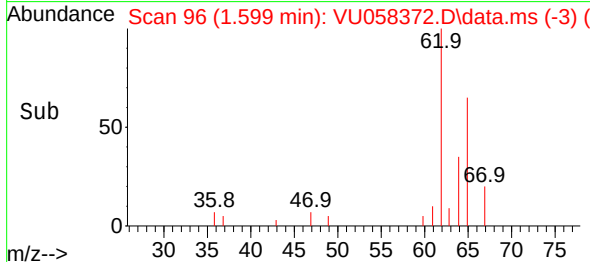
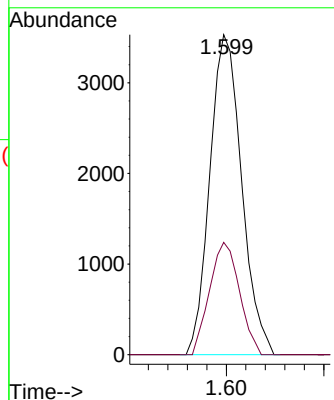


#5
 Vinyl chloride
 Concen: 0.683 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

Instrument :
 MSVOA_U
 ClientSampleId :

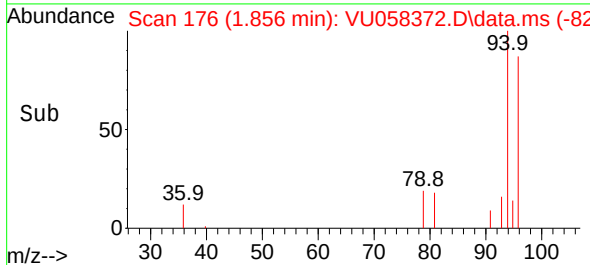
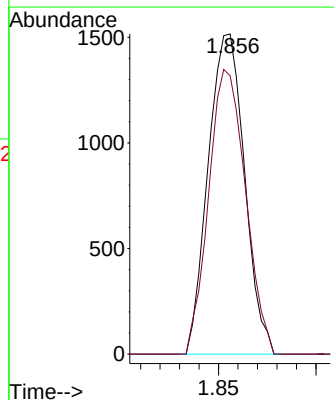
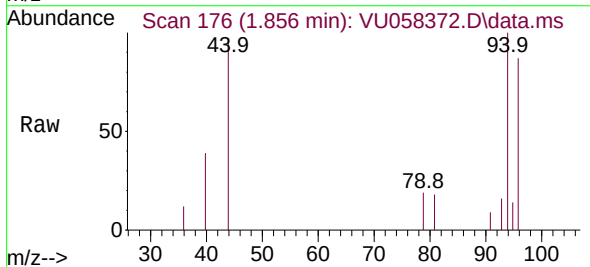


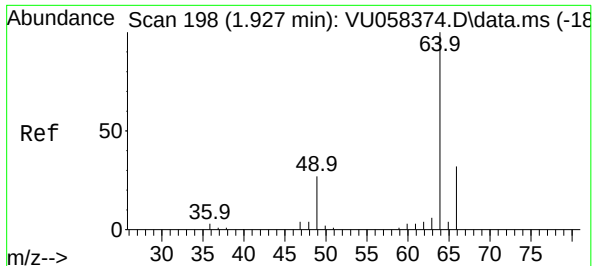
Tgt Ion: 62 Resp: 3996
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.6 42.0



#6
 Bromomethane
 Concen: 0.656 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

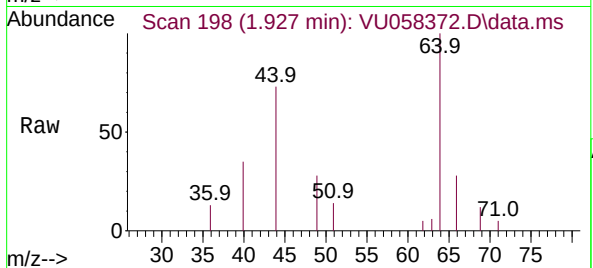
Tgt Ion: 94 Resp: 1966
 Ion Ratio Lower Upper
 94 100
 96 86.9 65.4 121.4



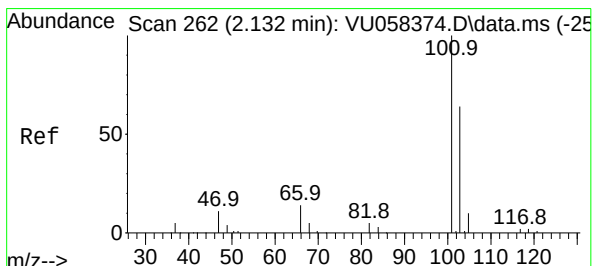
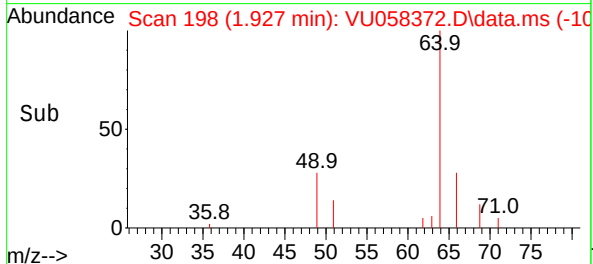
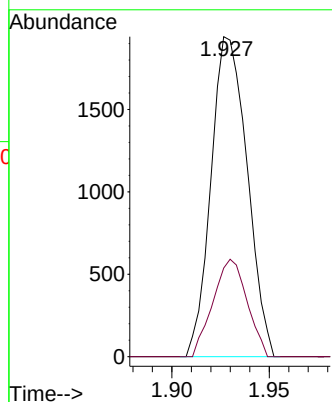


#8
Chloroethane
Concen: 0.666 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :

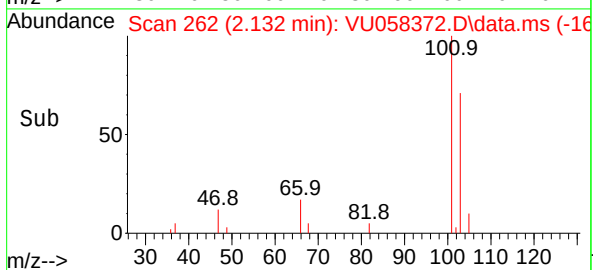
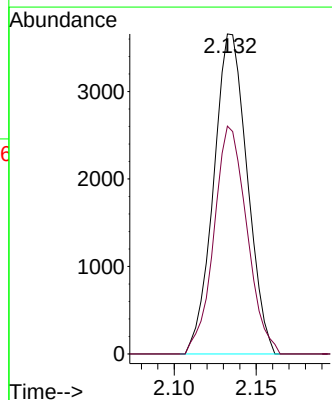
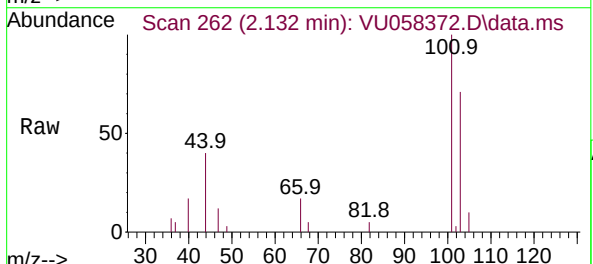


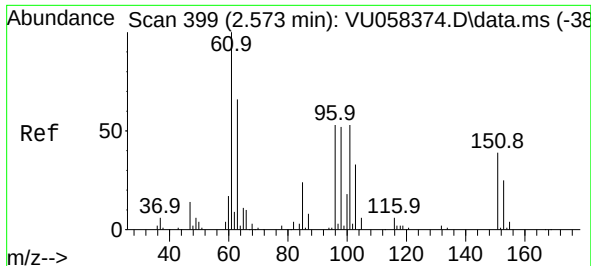
Tgt Ion: 64 Resp: 2500
Ion Ratio Lower Upper
64 100
66 27.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.577 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion: 101 Resp: 5205
Ion Ratio Lower Upper
101 100
103 69.9 51.2 76.8

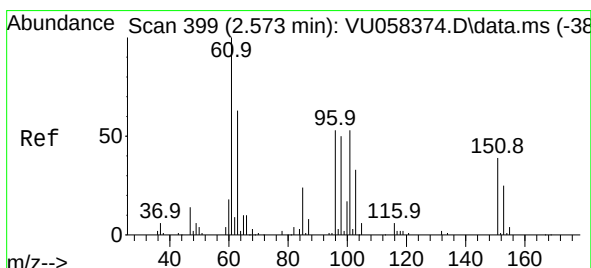
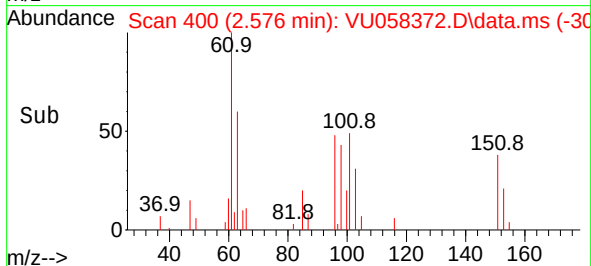
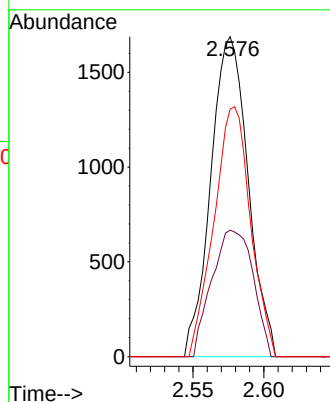
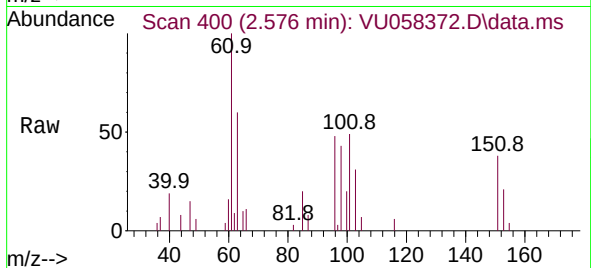




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.546 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

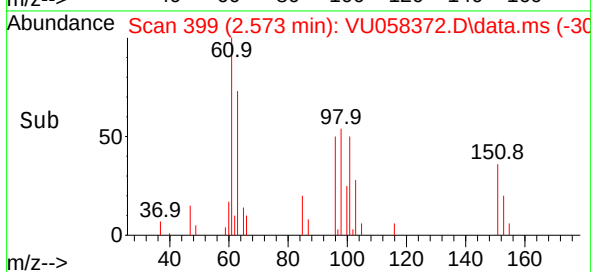
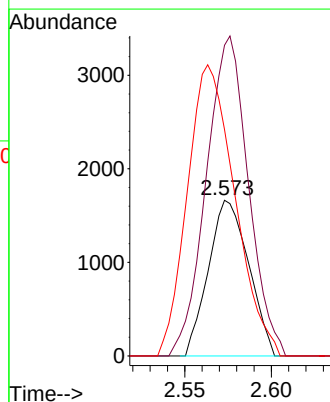
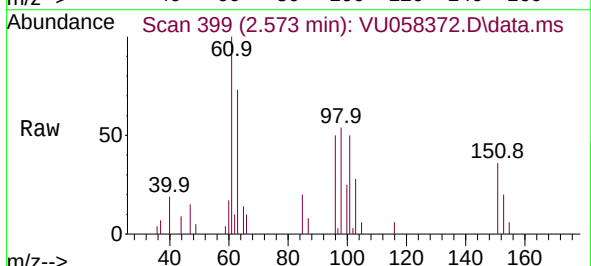
Instrument :
MSVOA_U
ClientSampleId :

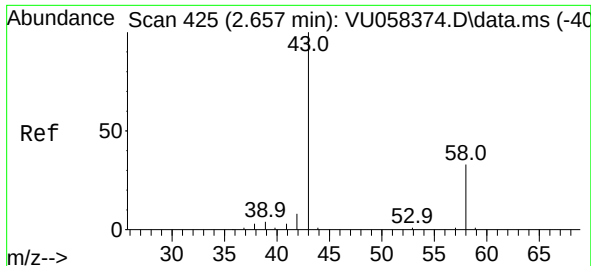
Tgt Ion:101 Resp: 3092
Ion Ratio Lower Upper
101 100
85 43.7 36.8 55.2
151 76.5 58.2 87.4



#12
1,1-Dichloroethene
Concen: 0.558 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion: 96 Resp: 2685
Ion Ratio Lower Upper
96 100
61 199.7 132.5 246.1
63 145.5 87.7 162.9





#13

Acetone

Concen: 4.658 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

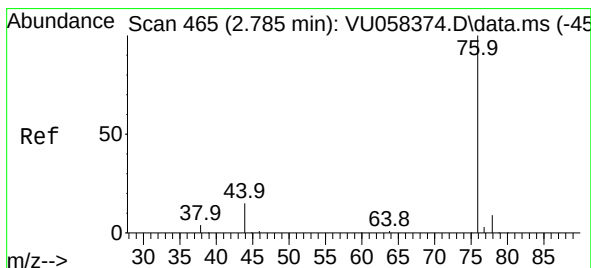
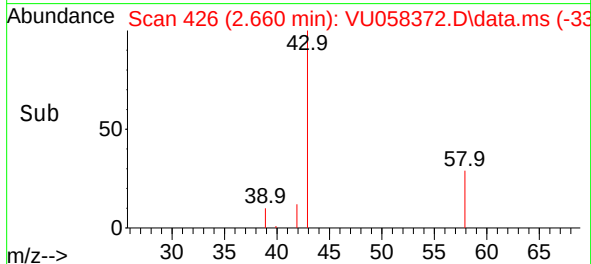
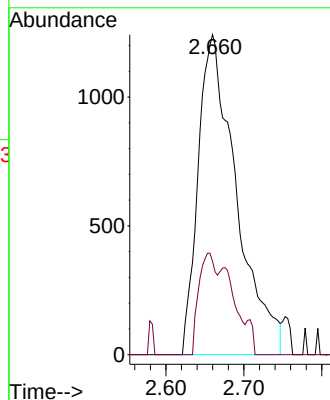
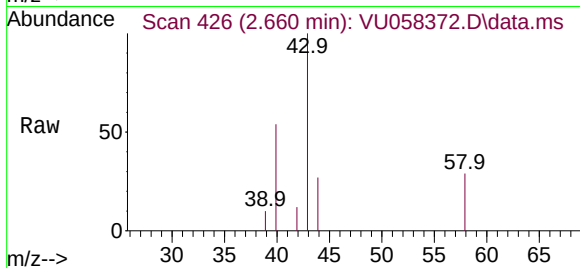
ClientSampleId :

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

58 14.5 0.0 61.4



#14

Carbon disulfide

Concen: 0.761 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058372.D

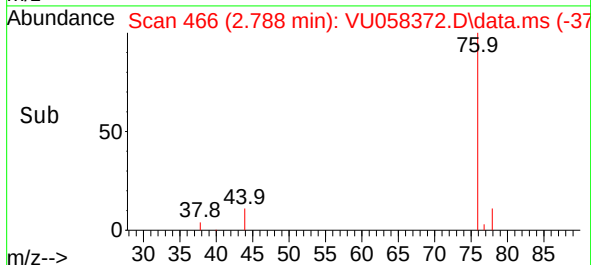
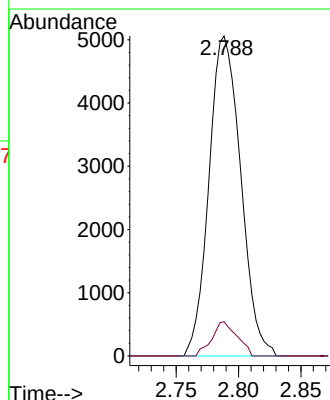
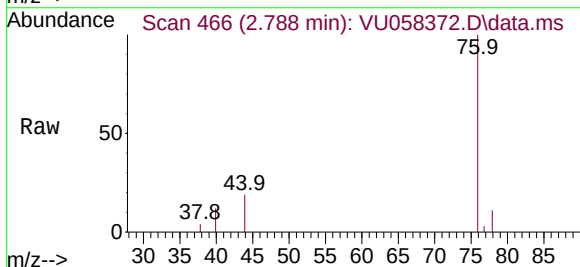
Acq: 04 Apr 2024 15:36

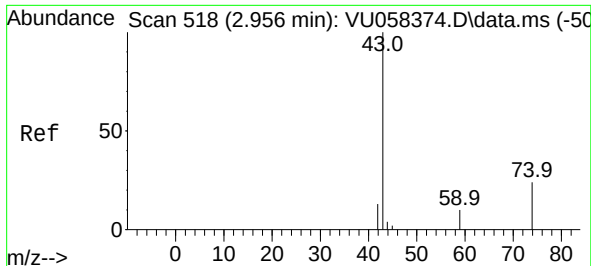
Tgt Ion: 76 Resp: 8977

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3





#15

Methyl Acetate

Concen: 0.209 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

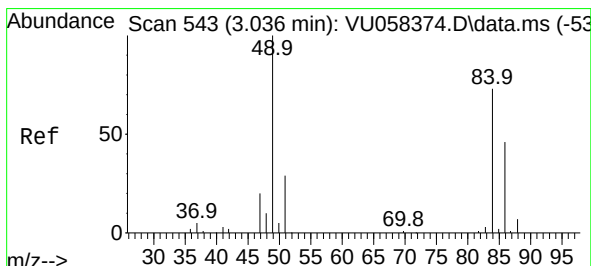
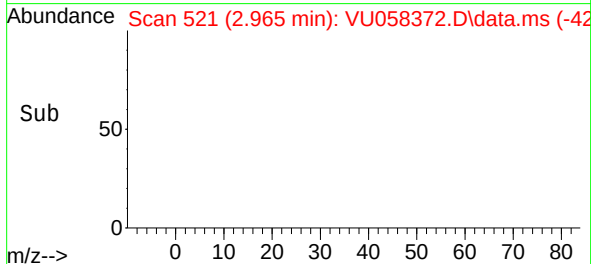
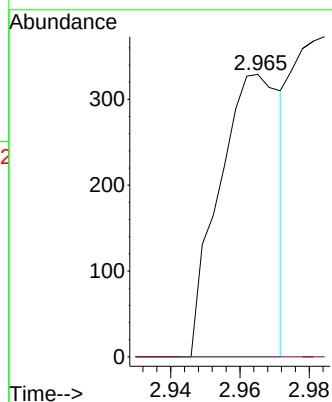
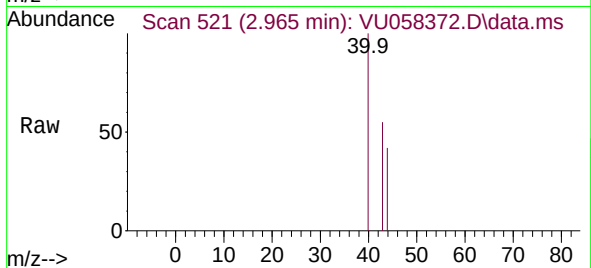
ClientSampleId :

Tgt Ion: 43 Resp: 403

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#16

Methylene chloride

Concen: 0.735 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

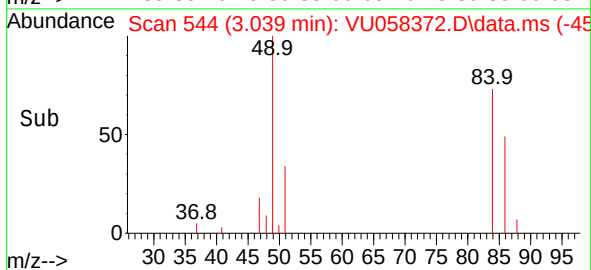
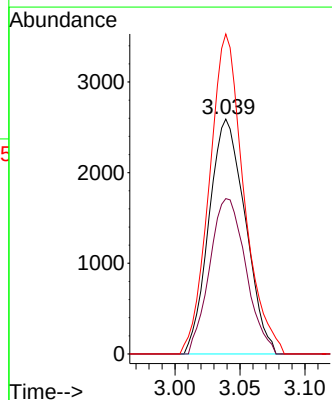
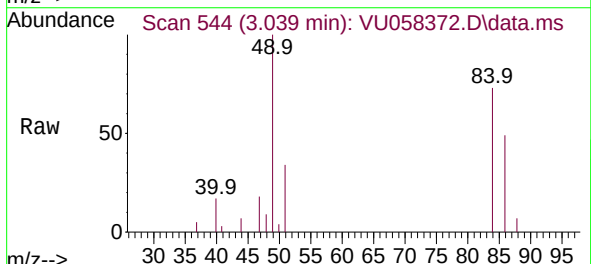
Tgt Ion: 84 Resp: 5033

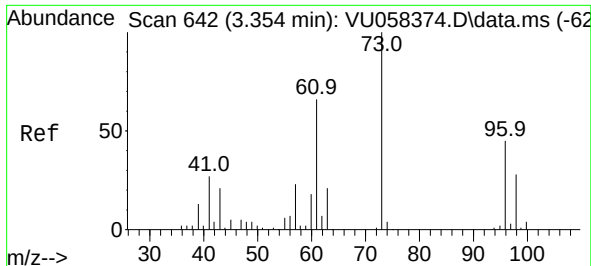
Ion Ratio Lower Upper

84 100

86 66.2 44.3 82.3

49 136.2 96.0 178.2





#17

Methyl tert-butyl Ether

Concen: 0.512 ug/L

RT: 3.357 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

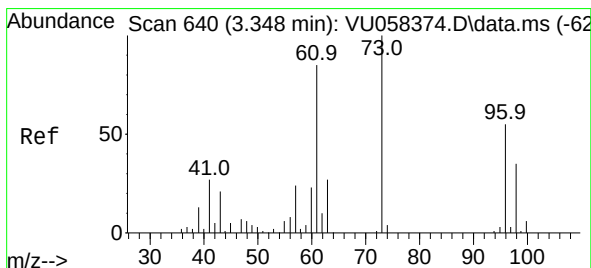
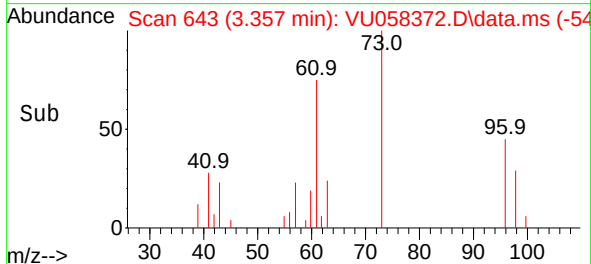
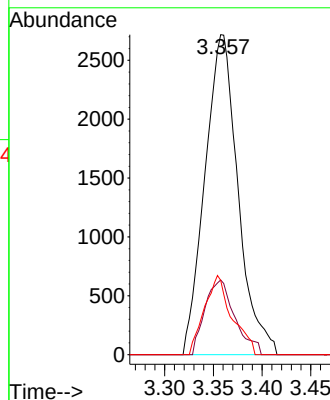
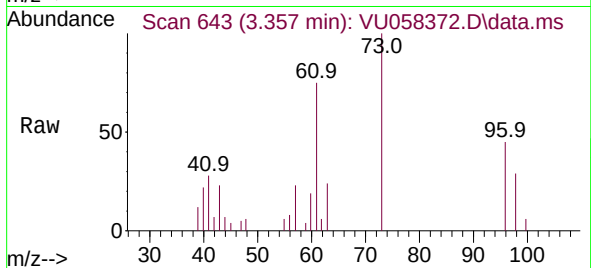
Tgt Ion: 73 Resp: 6414

Ion Ratio Lower Upper

73 100

43 21.2 17.4 26.2

57 20.6 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 0.577 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

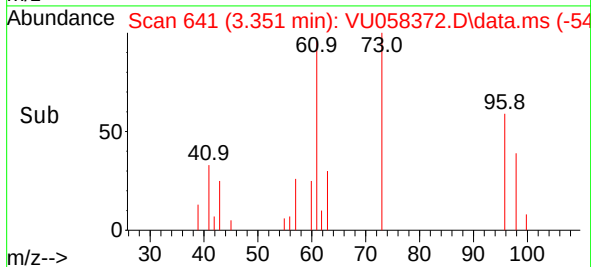
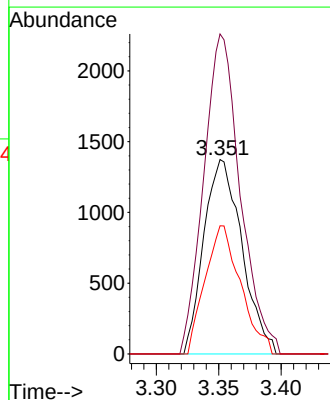
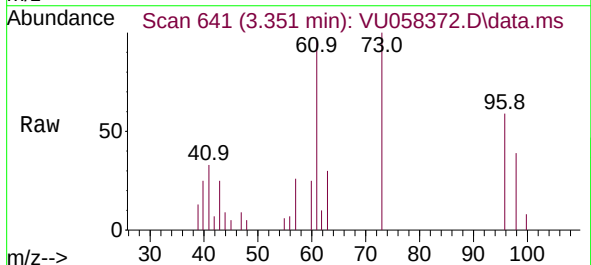
Tgt Ion: 96 Resp: 2922

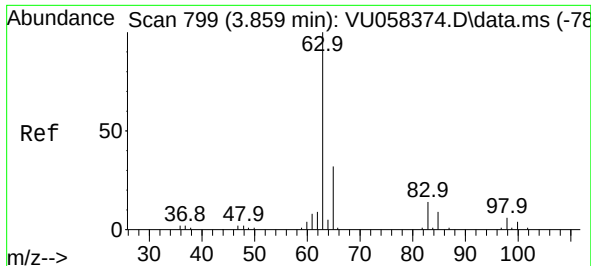
Ion Ratio Lower Upper

96 100

61 164.6 107.6 199.8

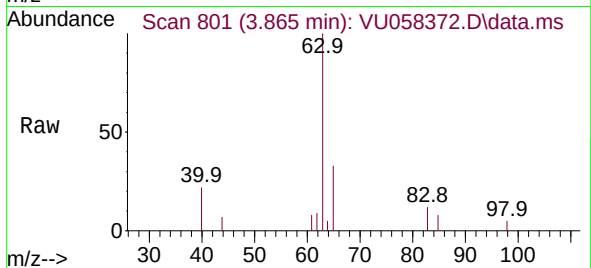
98 65.9 45.1 83.7



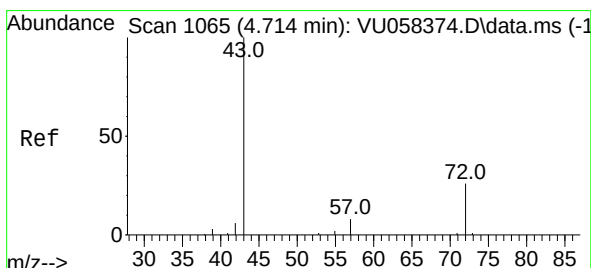
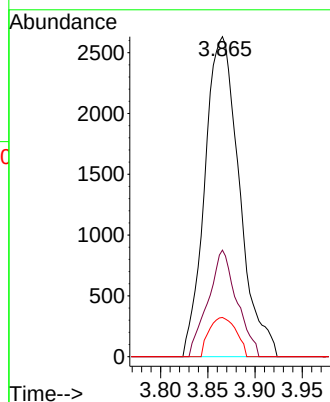
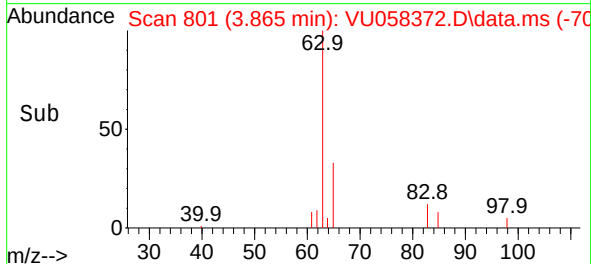


#19
1,1-Dichloroethane
Concen: 0.598 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :

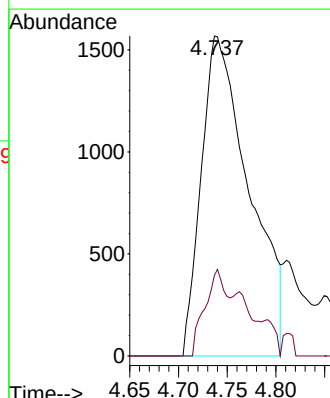
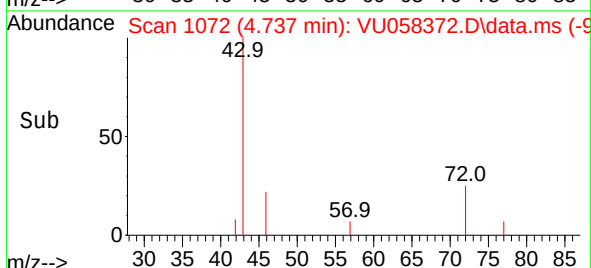
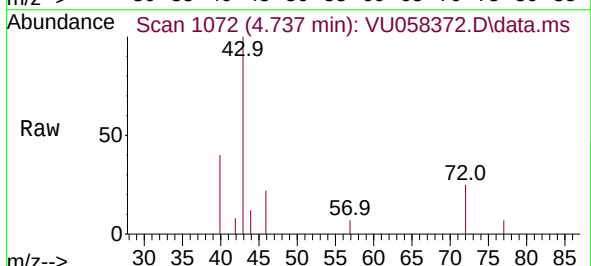


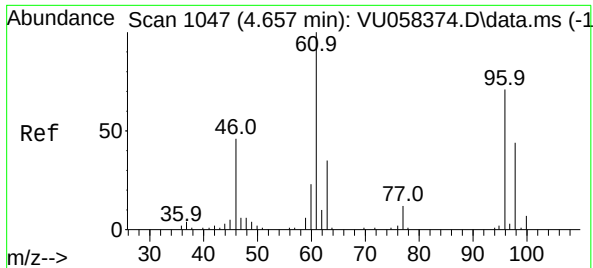
Tgt Ion: 63 Resp: 6673
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 11.7 9.6 17.8



#21
2-Butanone
Concen: 3.902 ug/L
RT: 4.737 min Scan# 1072
Delta R.T. 0.022 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

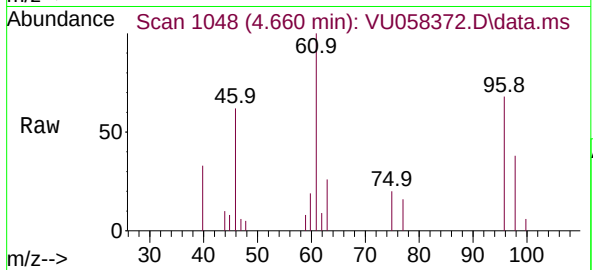
Tgt Ion: 43 Resp: 5354
Ion Ratio Lower Upper
43 100
72 12.4 11.7 35.0



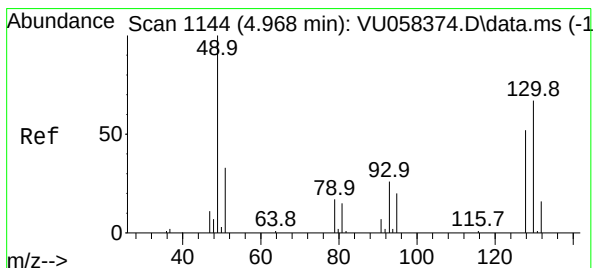
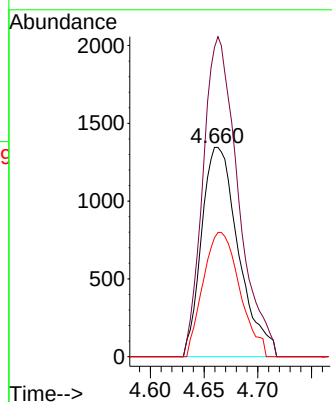
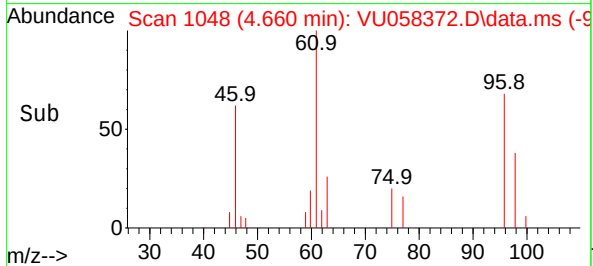


#22
 cis-1,2-Dichloroethene
 Concen: 0.528 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. 0.003 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

Instrument :
 MSVOA_U
 ClientSampleId :

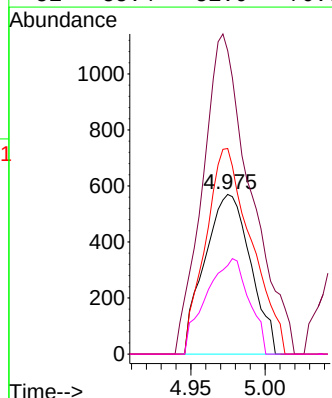
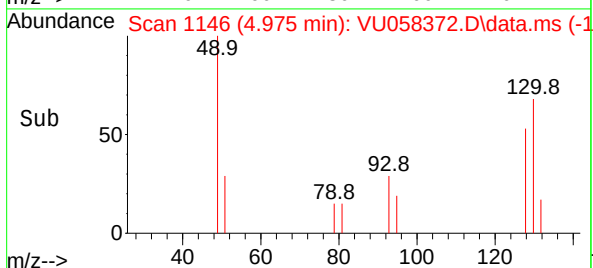
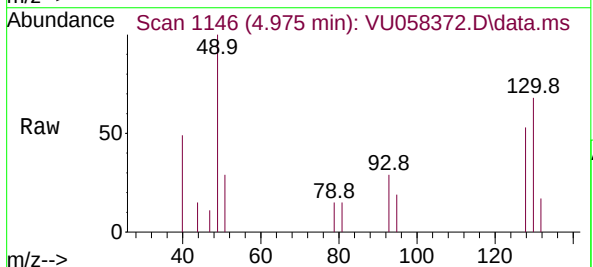


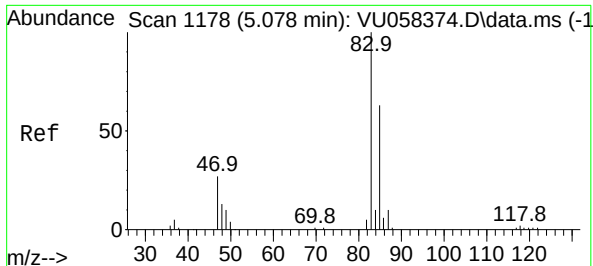
Tgt Ion: 96 Resp: 3203
 Ion Ratio Lower Upper
 96 100
 61 147.7 98.1 182.3
 98 56.8 43.6 81.0



#23
 Bromochloromethane
 Concen: 0.536 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

Tgt Ion: 128 Resp: 1221
 Ion Ratio Lower Upper
 128 100
 49 190.0 134.4 249.6
 130 128.8 90.0 167.2
 51 55.4 51.0 76.6





#25

Chloroform

Concen: 0.531 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

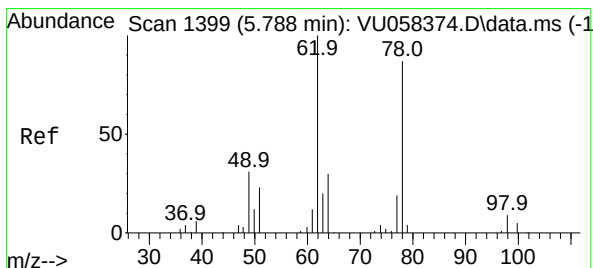
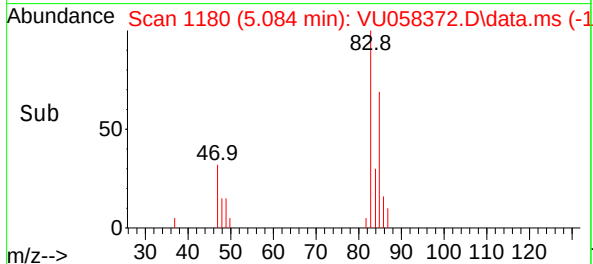
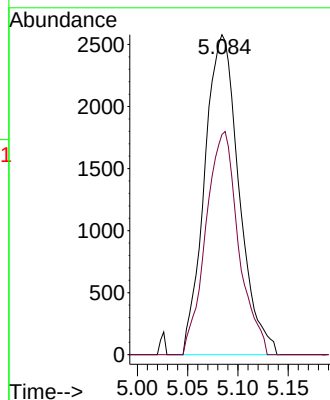
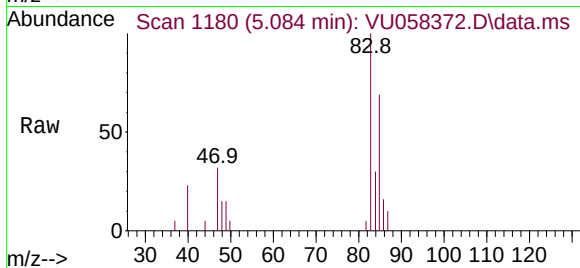
ClientSampleId :

Tgt Ion: 83 Resp: 6135

Ion Ratio Lower Upper

83 100

85 68.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.545 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU058372.D

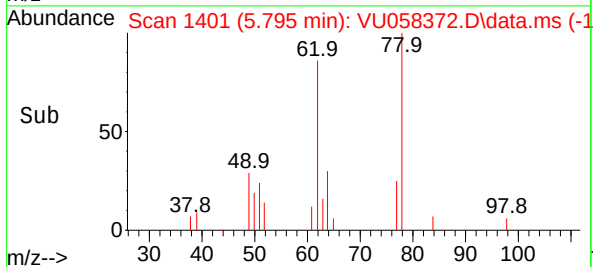
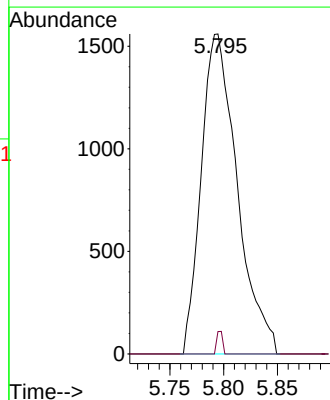
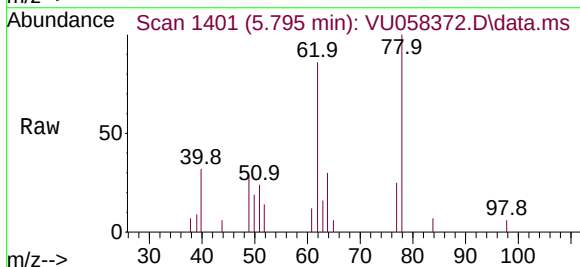
Acq: 04 Apr 2024 15:36

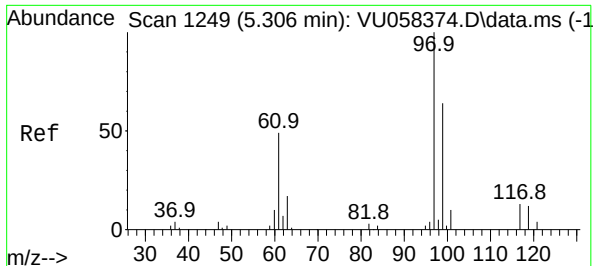
Tgt Ion: 62 Resp: 3627

Ion Ratio Lower Upper

62 100

98 7.0 7.0 10.4

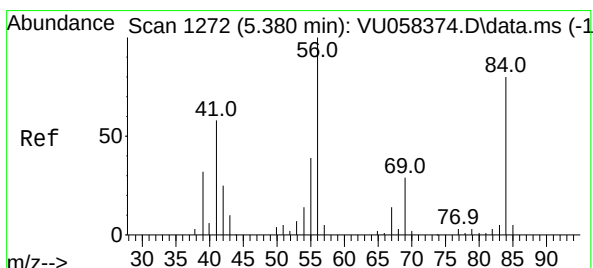
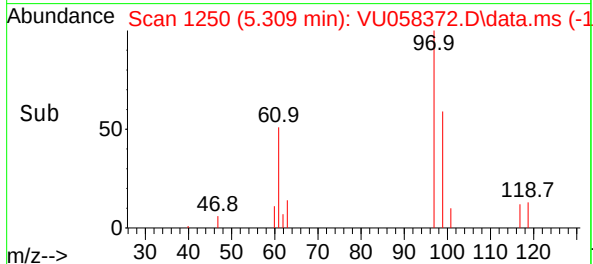
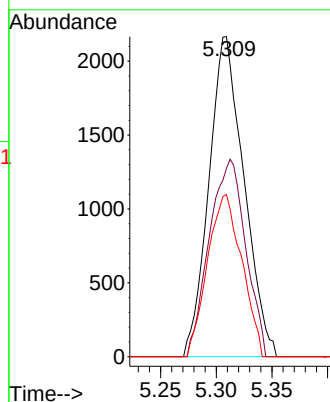
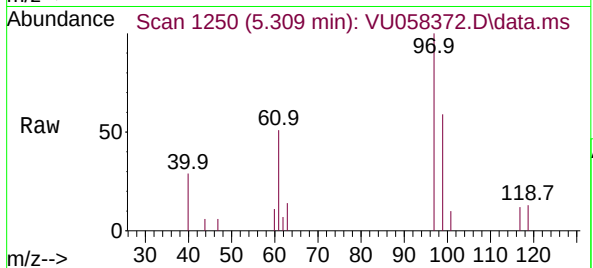




#29
1,1,1-Trichloroethane
Concen: 0.523 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

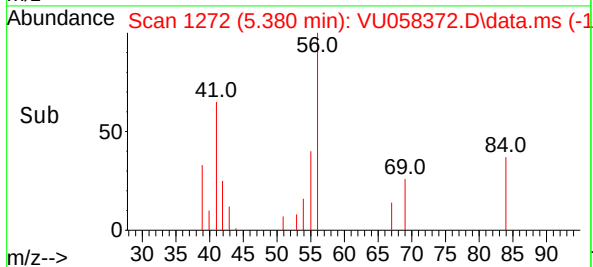
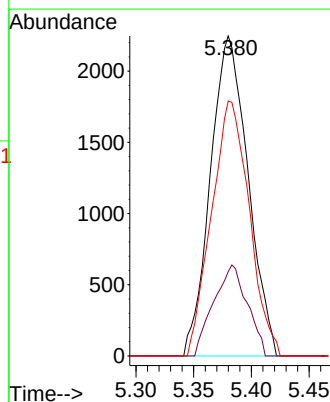
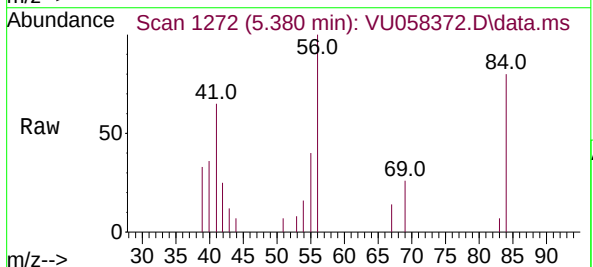
Instrument :
MSVOA_U
ClientSampleId :

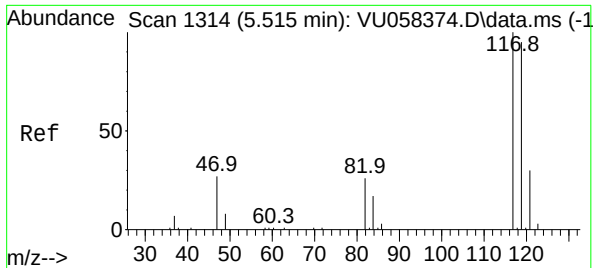
Tgt Ion:	97	Resp:	4745
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.4	75.6
61	49.5	39.4	59.0



#30
Cyclohexane
Concen: 0.607 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion:	56	Resp:	5082
Ion	Ratio	Lower	Upper
56	100		
69	25.4	23.2	34.8
84	80.1	63.3	94.9

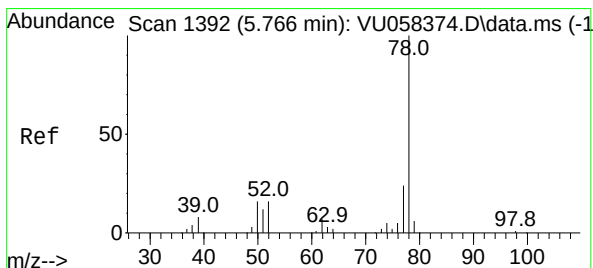
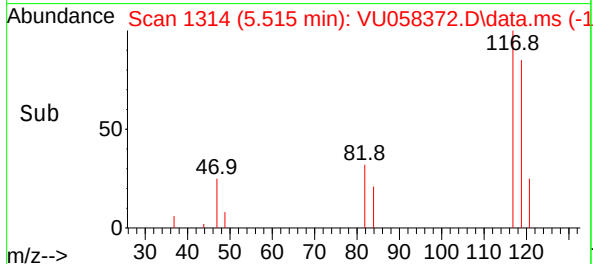
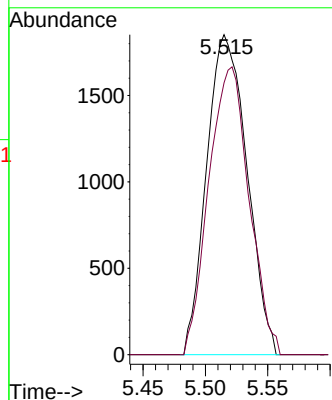
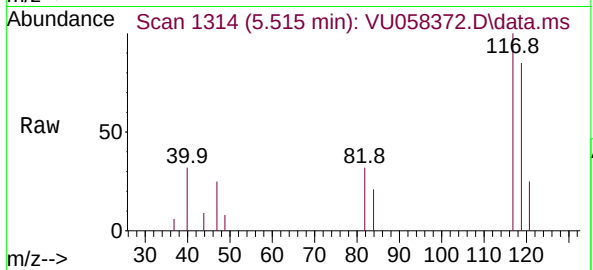




#31
Carbon tetrachloride
Concen: 0.536 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

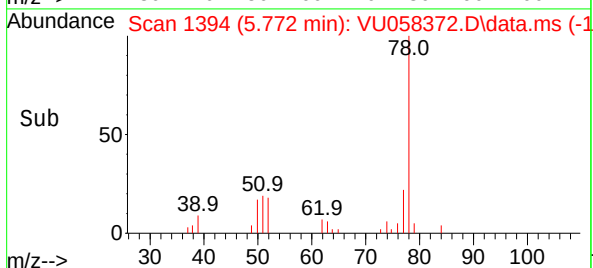
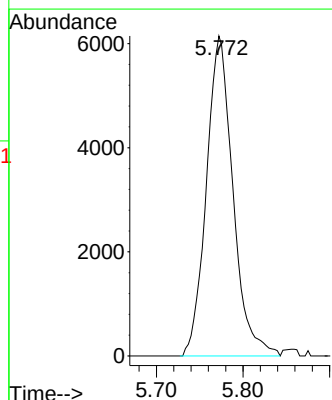
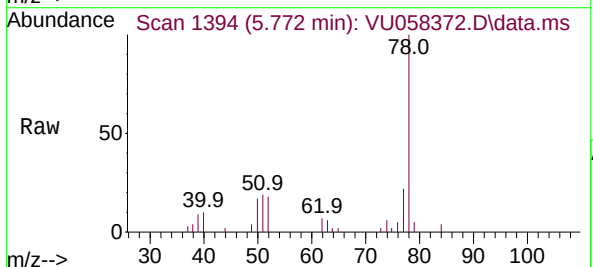
Instrument :
MSVOA_U
ClientSampleId :

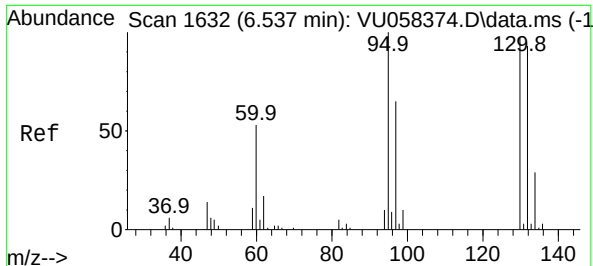
Tgt Ion:117 Resp: 4172
Ion Ratio Lower Upper
117 100
119 89.7 76.7 115.1



#33
Benzene
Concen: 0.561 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

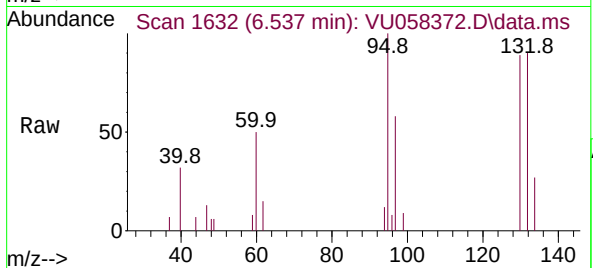
Tgt Ion: 78 Resp: 13116



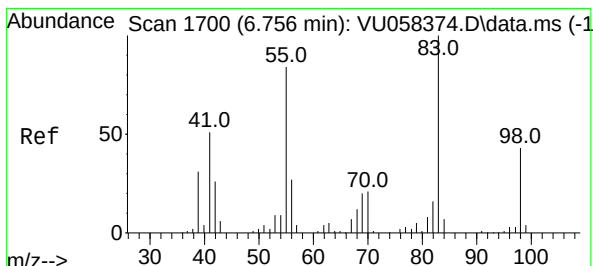
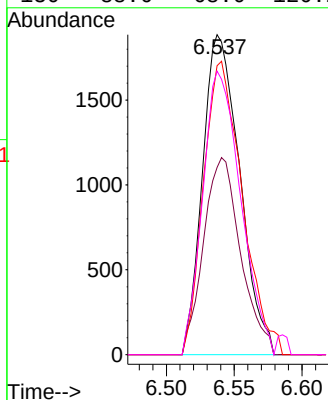
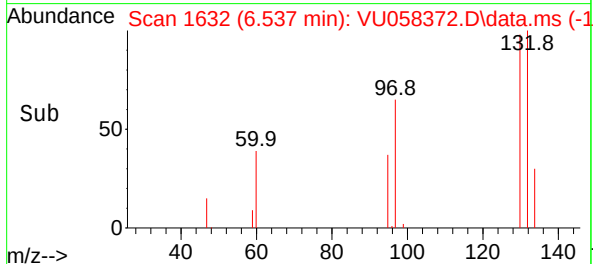


#34
Trichloroethene
Concen: 0.594 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

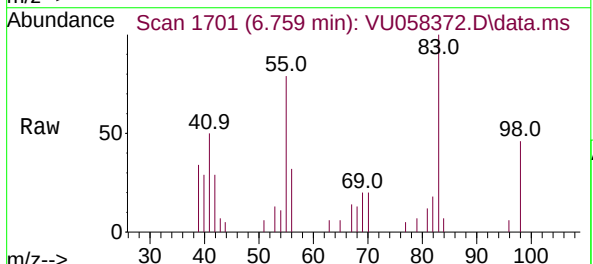
Instrument :
MSVOA_U
ClientSampleId :



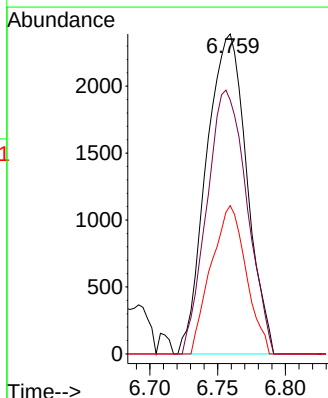
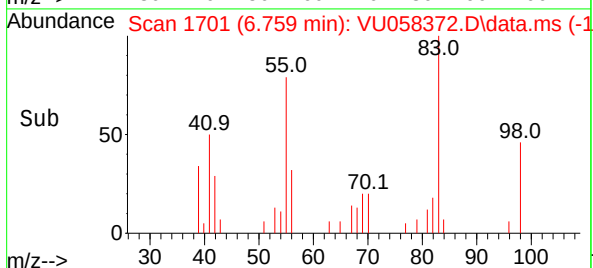
Tgt Ion:	95	Resp:	3591
Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.6	84.6
132	90.3	64.8	120.3
130	88.6	68.0	126.2

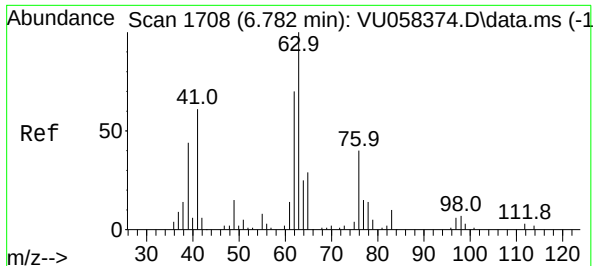


#35
Methylcyclohexane
Concen: 0.569 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36



Tgt Ion:	83	Resp:	4956
Ion	Ratio	Lower	Upper
83	100		
55	82.0	66.2	99.4
98	40.1	34.6	52.0

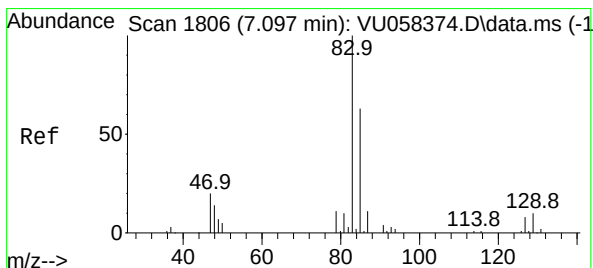
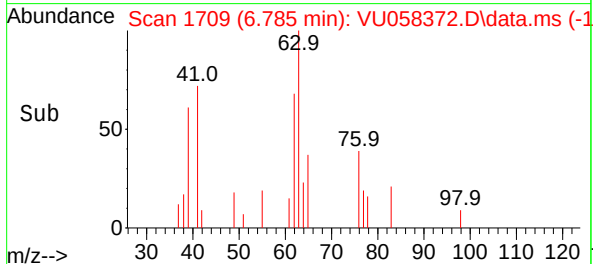
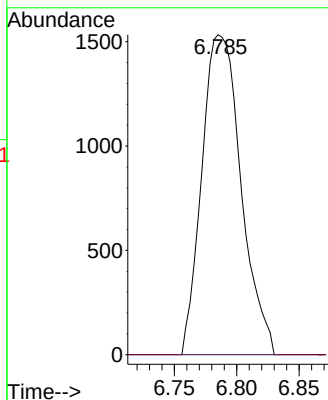
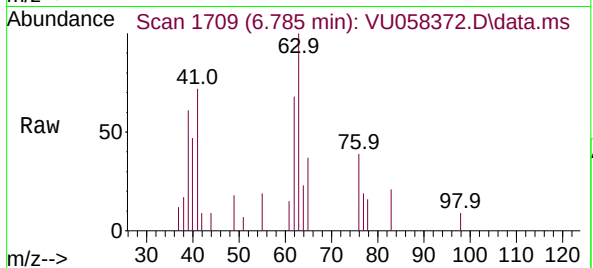




#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

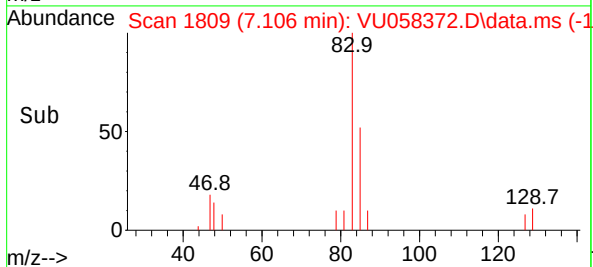
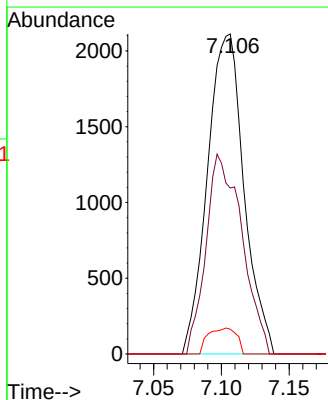
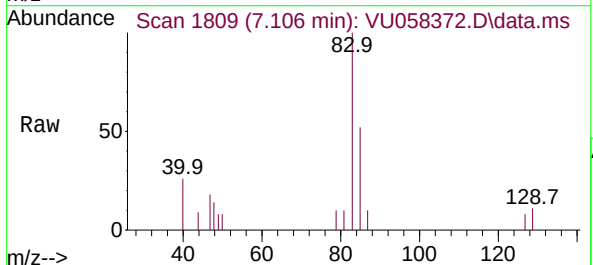
Instrument :
MSVOA_U
ClientSampleId :

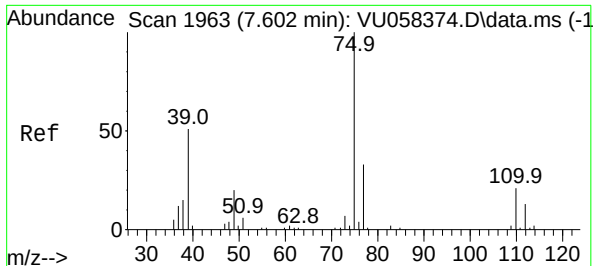
Tgt Ion: 63 Resp: 3363
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#38
Bromodichloromethane
Concen: 0.535 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.010 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion: 83 Resp: 3956
Ion Ratio Lower Upper
83 100
85 51.8 44.2 82.2
127 7.8 6.5 9.7

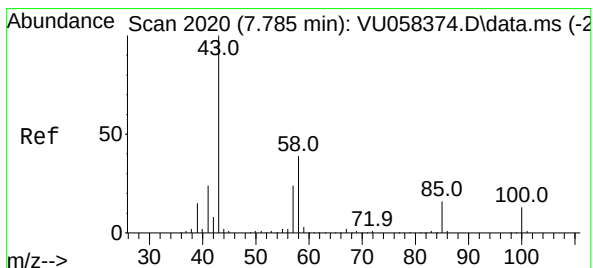
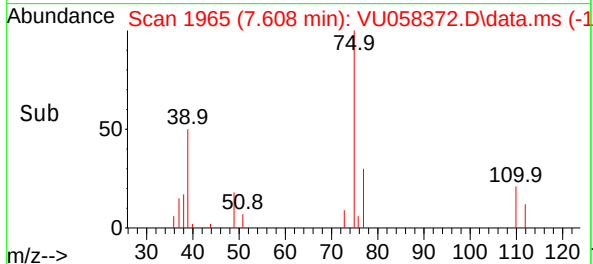
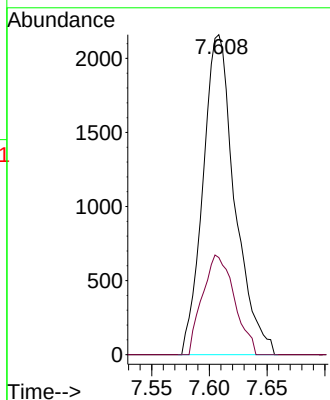
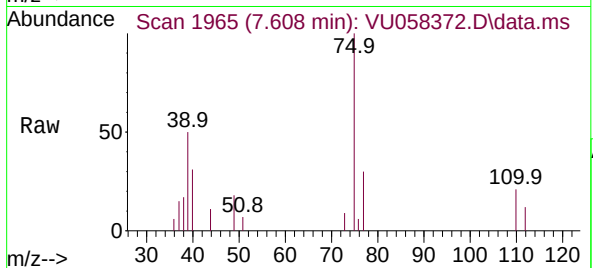




#39
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/L
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

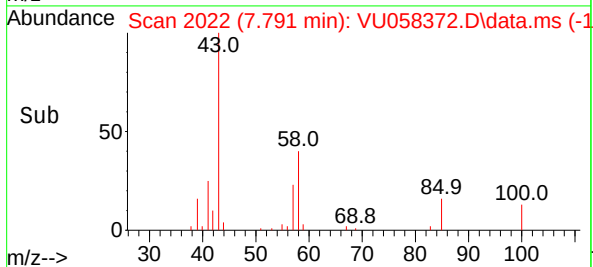
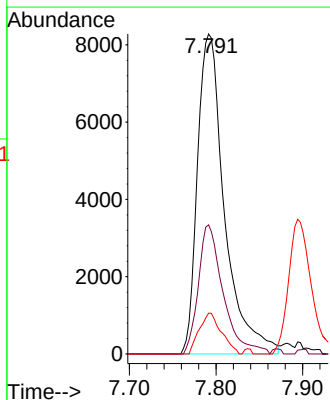
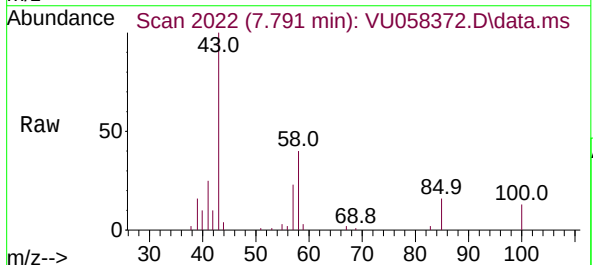
Instrument :
 MSVOA_U
 ClientSampleId :

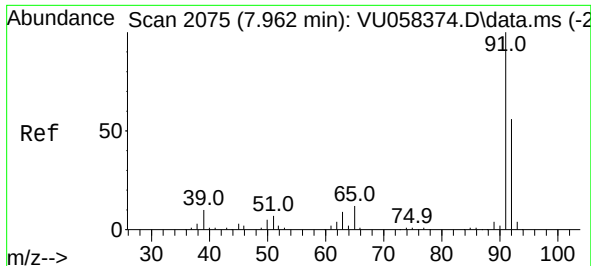
Tgt Ion: 75 Resp: 4142
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 5.560 ug/L
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: VU058372.D
 Acq: 04 Apr 2024 15:36

Tgt Ion: 43 Resp: 17947
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.4 45.6
 100 10.5 10.3 15.5





#42

Toluene

Concen: 0.528 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

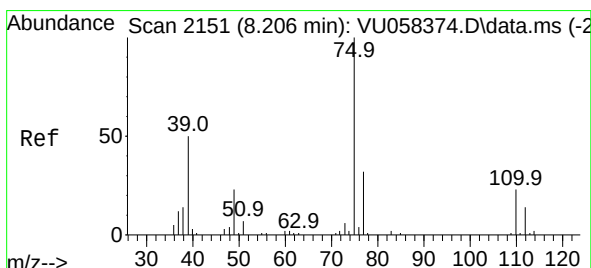
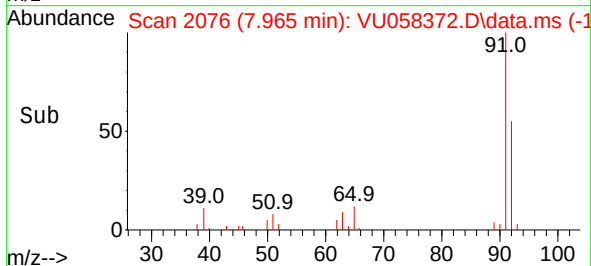
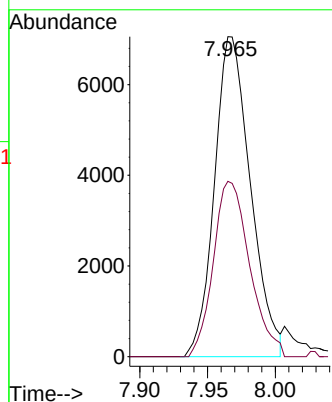
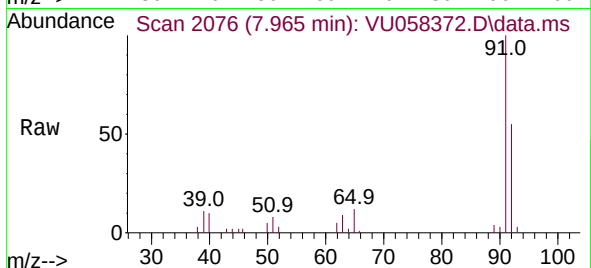
ClientSampleId :

Tgt Ion: 91 Resp: 13033

Ion Ratio Lower Upper

91 100

92 54.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU058372.D

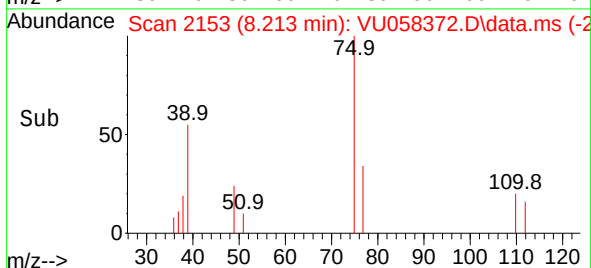
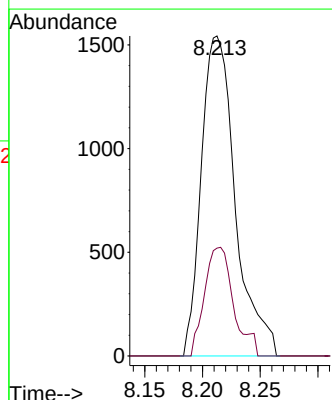
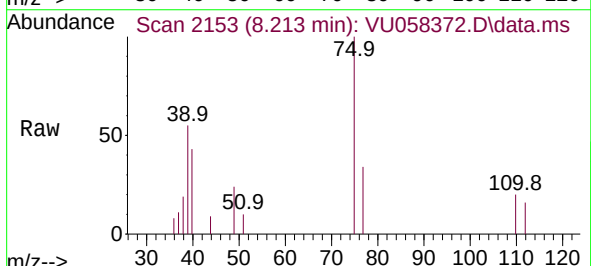
Acq: 04 Apr 2024 15:36

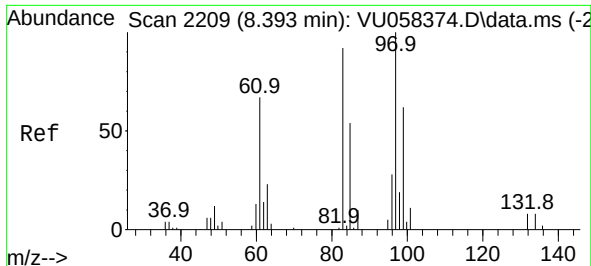
Tgt Ion: 75 Resp: 3164

Ion Ratio Lower Upper

75 100

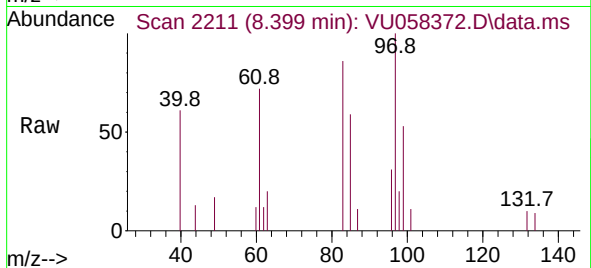
77 33.7 22.2 41.2



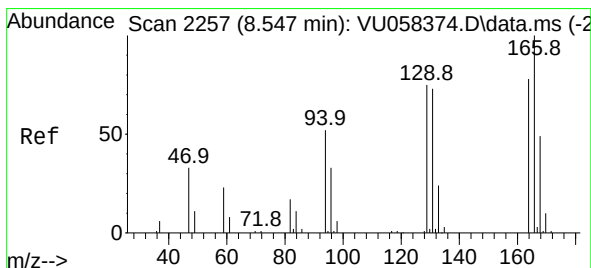
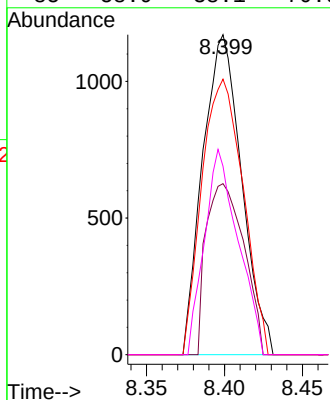
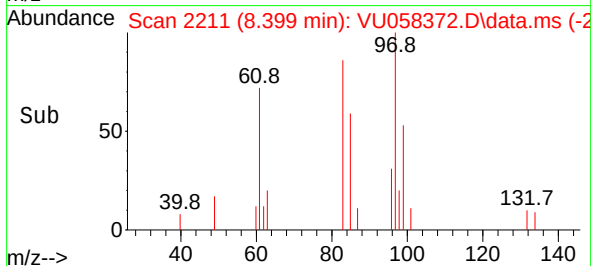


#45
1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

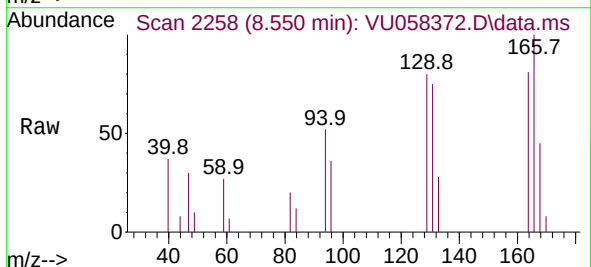
Instrument :
MSVOA_U
ClientSampleId :



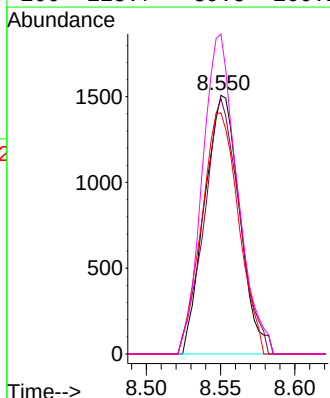
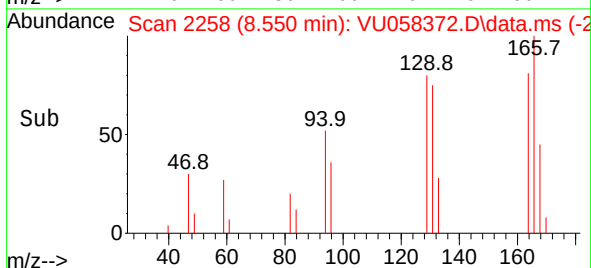
Tgt Ion:	97	Resp:	2032
Ion	Ratio	Lower	Upper
97	100		
99	53.5	43.7	81.1
83	86.1	64.5	119.7
85	58.9	38.1	70.9

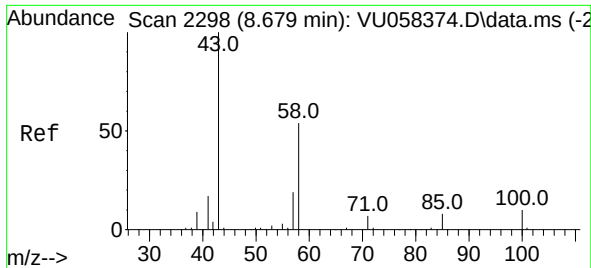


#47
Tetrachloroethene
Concen: 0.603 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36



Tgt Ion:	164	Resp:	2489
Ion	Ratio	Lower	Upper
164	100		
129	98.7	67.3	125.1
131	93.2	65.5	121.6
166	123.7	89.5	166.1

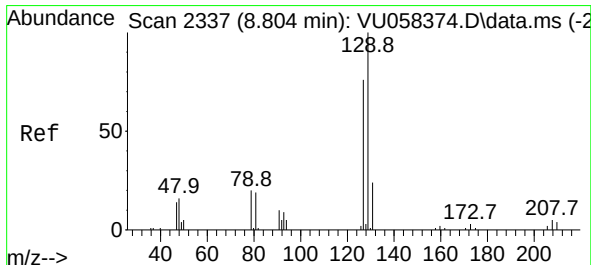
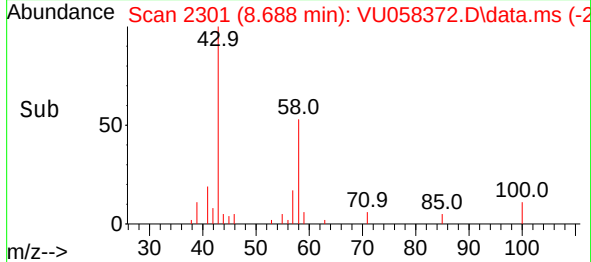
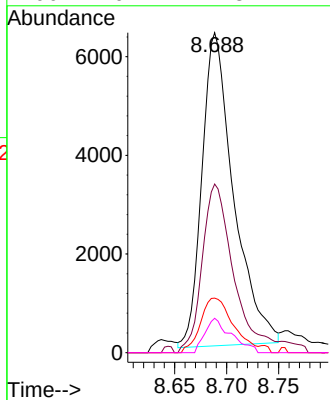
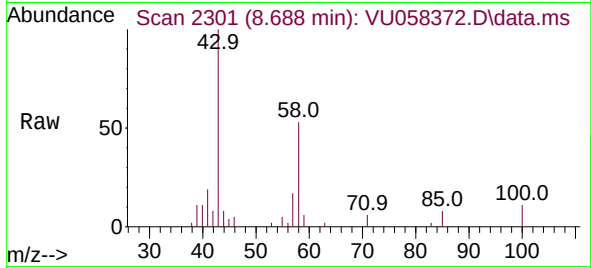




#48
2-Hexanone
Concen: 5.708 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

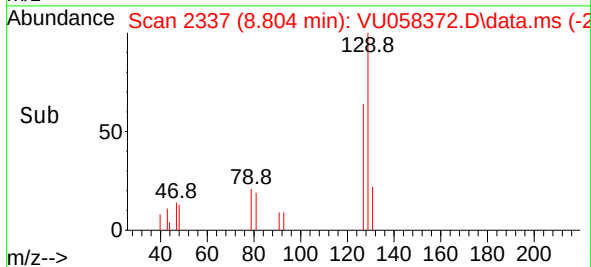
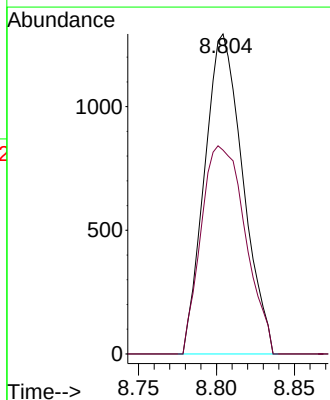
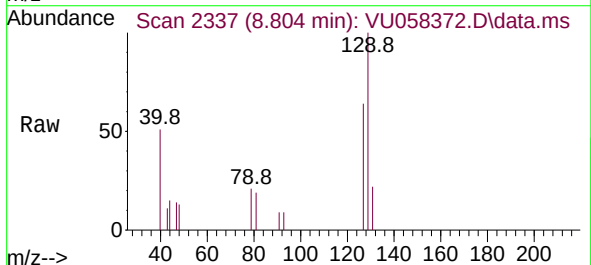
Instrument :
MSVOA_U
ClientSampleId :

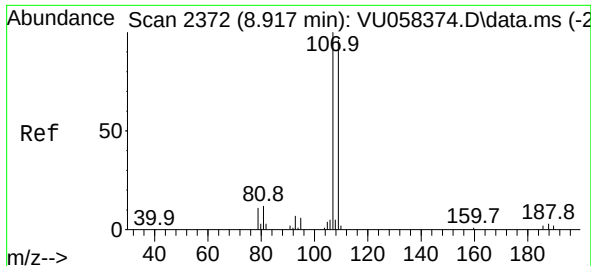
Tgt Ion:	43	Resp:	13458
Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.2	64.8
57	18.0	15.4	23.0
100	9.1	7.8	11.6



#49
Dibromochloromethane
Concen: 0.498 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion:	129	Resp:	2209
Ion	Ratio	Lower	Upper
129	100		
127	63.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 0.517 ug/L

RT: 8.923 min Scan# 2372

Delta R.T. 0.006 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

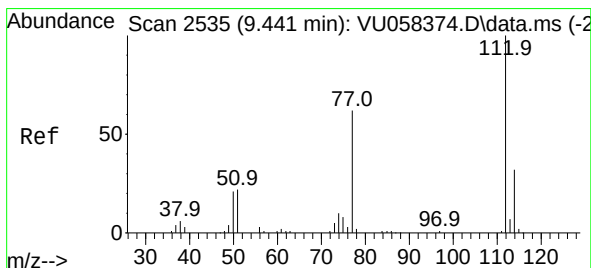
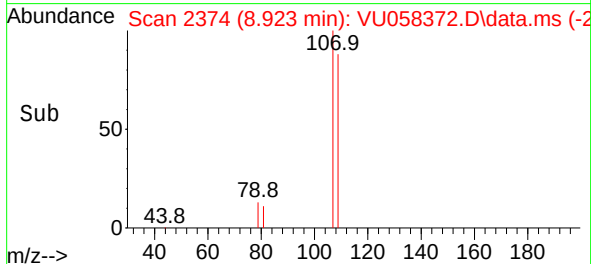
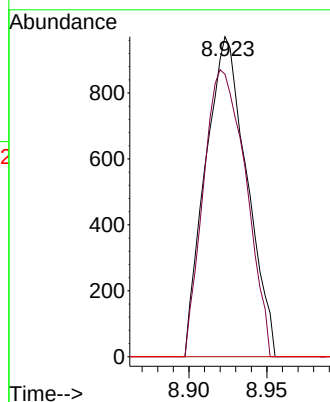
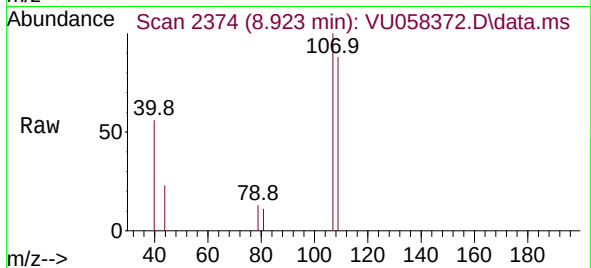
Tgt Ion:107 Resp: 1788

Ion Ratio Lower Upper

107 100

109 88.3 67.3 124.9

188 0.0 2.5 3.7#



#51

Chlorobenzene

Concen: 0.562 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

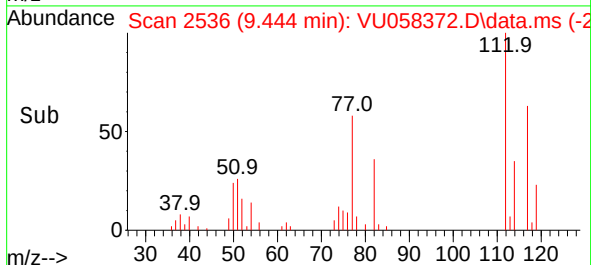
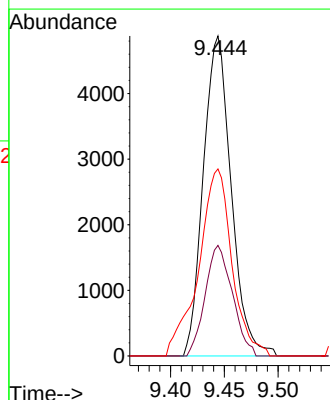
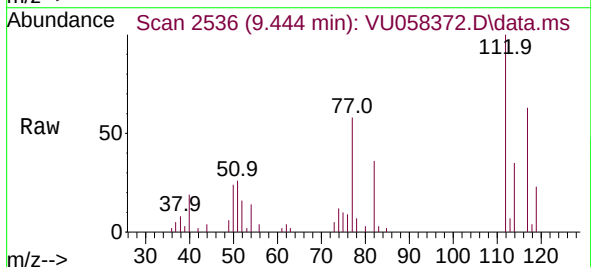
Tgt Ion:112 Resp: 8797

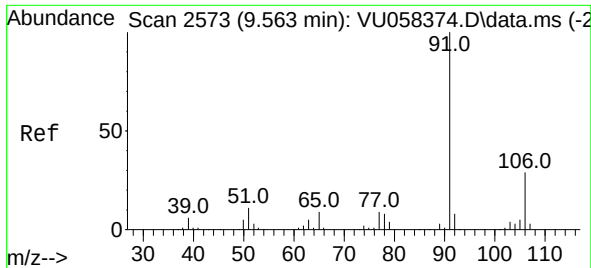
Ion Ratio Lower Upper

112 100

114 34.5 22.4 41.6

77 58.4 50.1 75.1

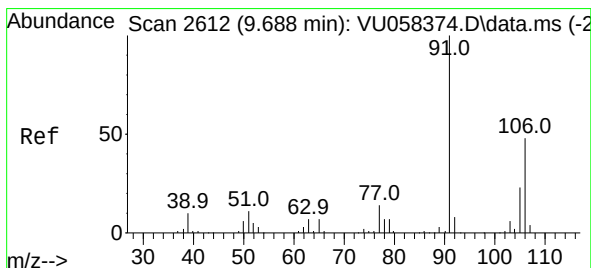
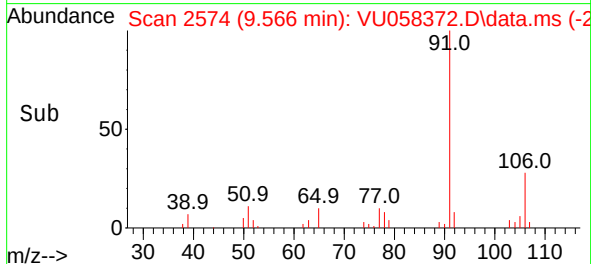
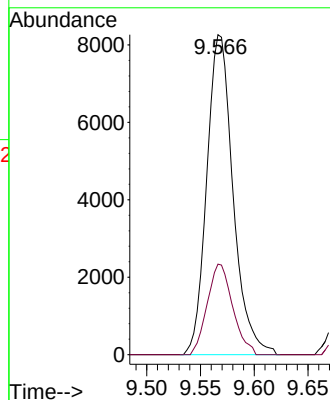
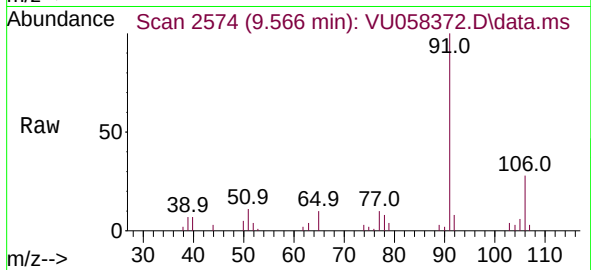




#52
Ethylbenzene
Concen: 0.515 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

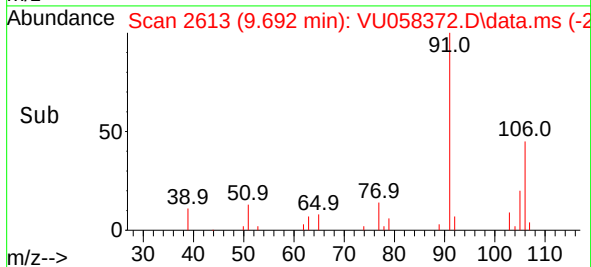
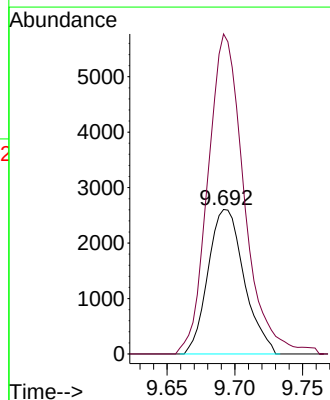
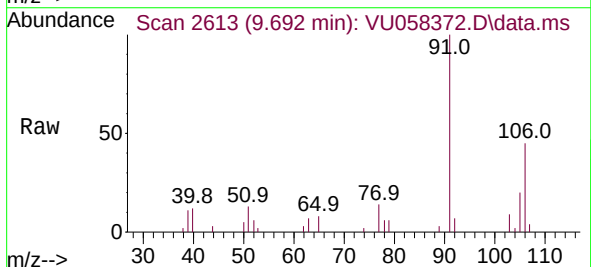
Instrument :
MSVOA_U
ClientSampleId :

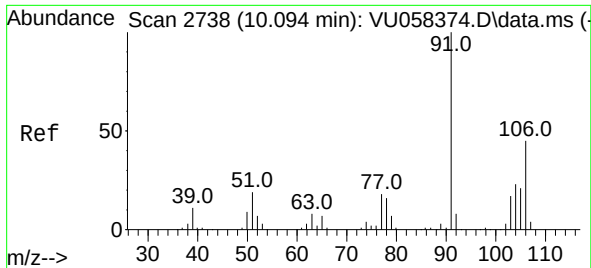
Tgt Ion: 91 Resp: 14070
Ion Ratio Lower Upper
91 100
106 28.3 20.6 38.4



#53
m,p-Xylene
Concen: 0.493 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion: 106 Resp: 4819
Ion Ratio Lower Upper
106 100
91 221.5 147.8 274.4

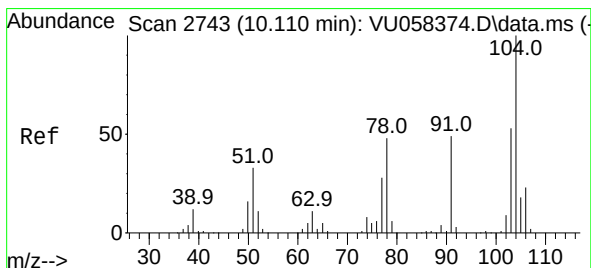
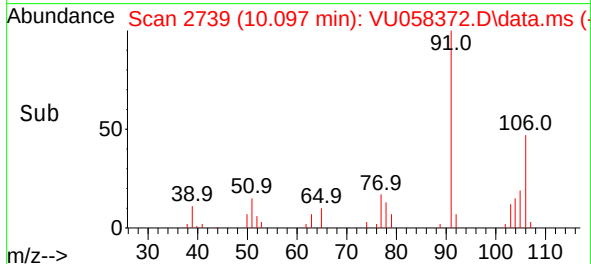
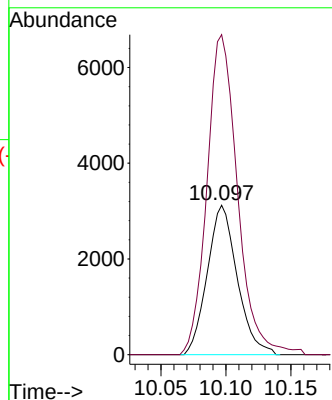
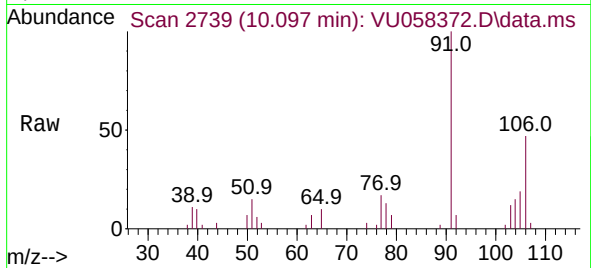




#54
o-Xylene
Concen: 0.512 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

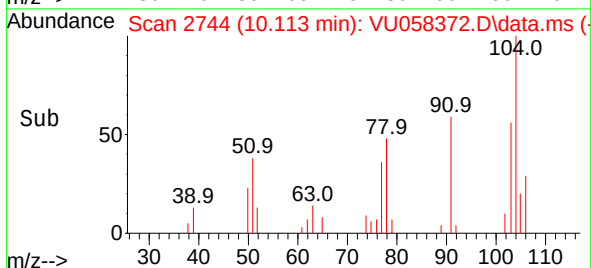
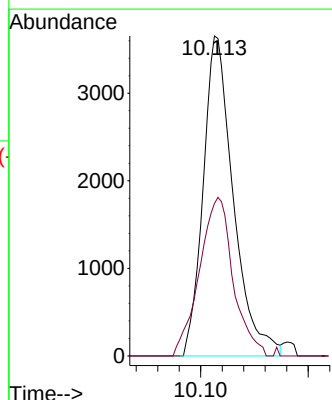
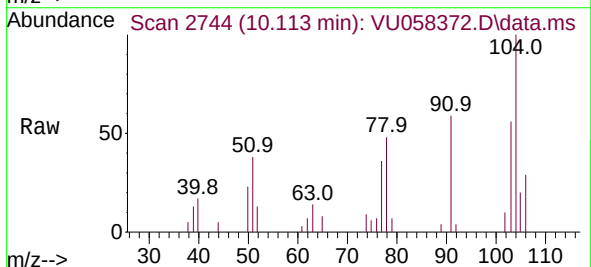
Instrument :
MSVOA_U
ClientSampleId :

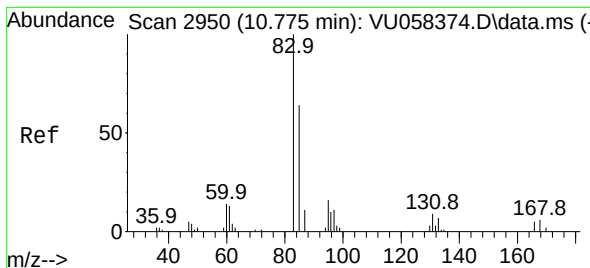
Tgt Ion:106 Resp: 5004
Ion Ratio Lower Upper
106 100
91 214.1 156.9 291.5



#55
Styrene
Concen: 0.459 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion:104 Resp: 7111
Ion Ratio Lower Upper
104 100
78 47.6 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.557 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

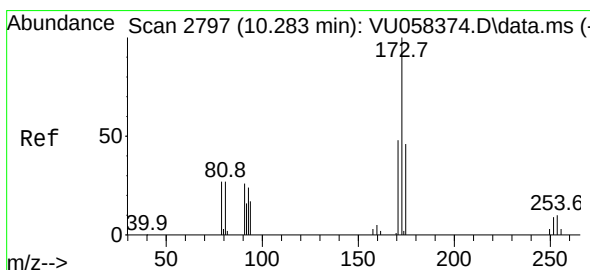
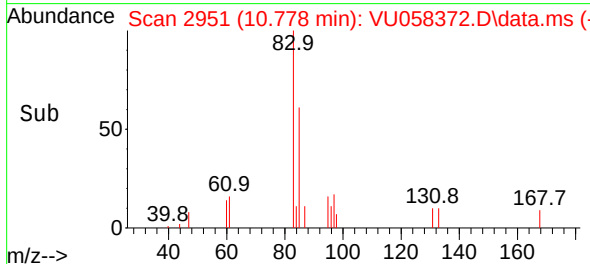
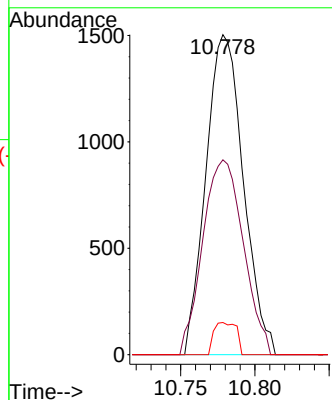
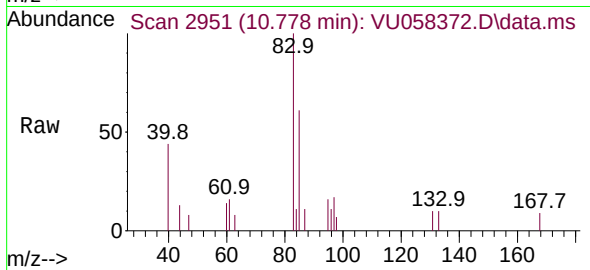
Tgt Ion: 83 Resp: 2638

Ion Ratio Lower Upper

83 100

85 60.9 45.1 83.7

131 10.0 6.9 10.3



#59

Bromoform

Concen: 0.559 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

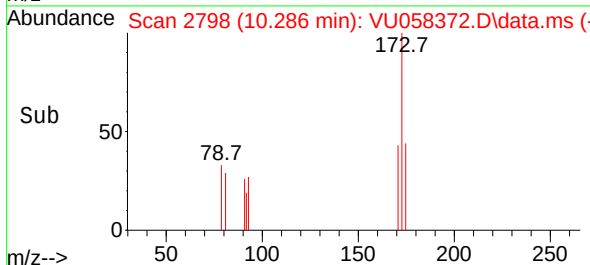
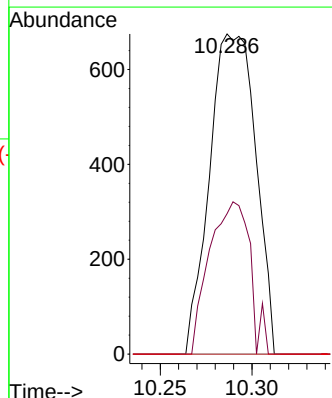
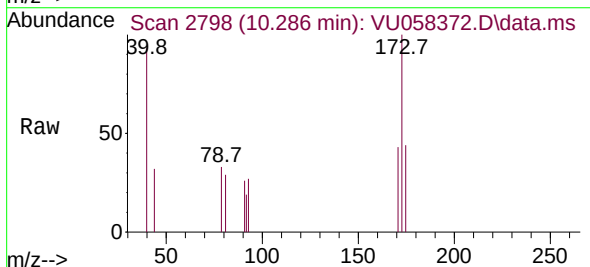
Tgt Ion:173 Resp: 1185

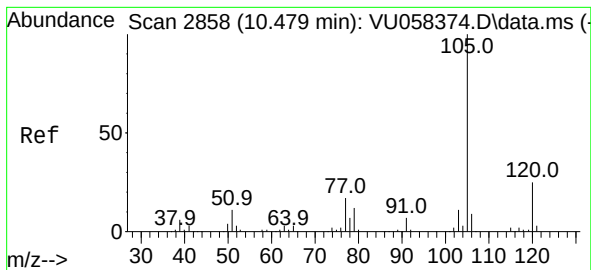
Ion Ratio Lower Upper

173 100

175 41.8 38.0 57.0

254 0.0 7.5 11.3#





#60

Isopropylbenzene

Concen: 0.515 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

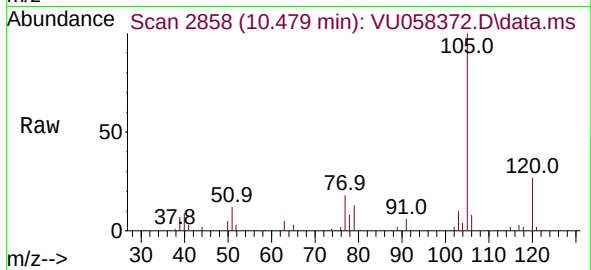
Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

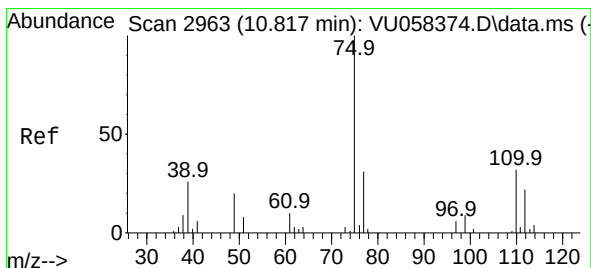
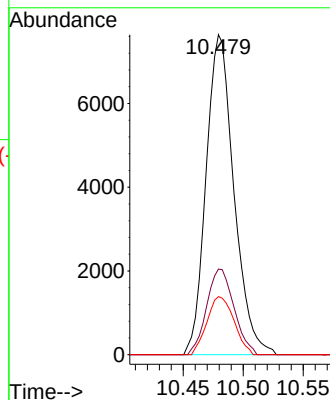
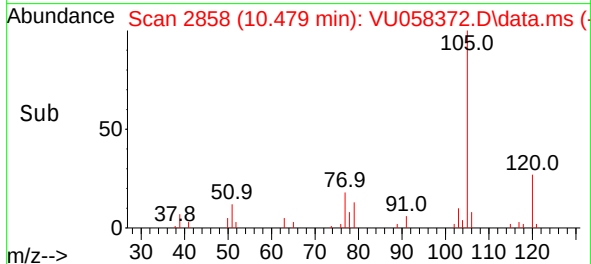
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	105	Resp:	12343
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.2	30.4
77	17.6	13.5	20.3



#61

1,2,3-Trichloropropane

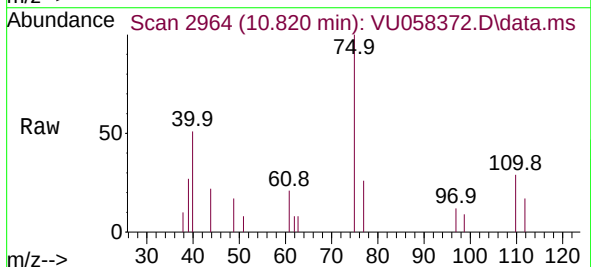
Concen: 0.587 ug/L

RT: 10.820 min Scan# 2964

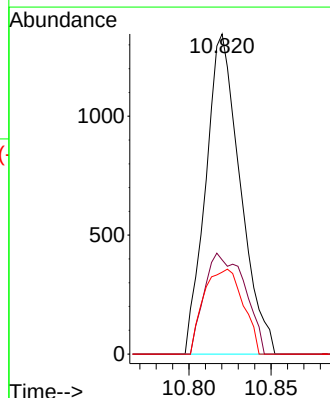
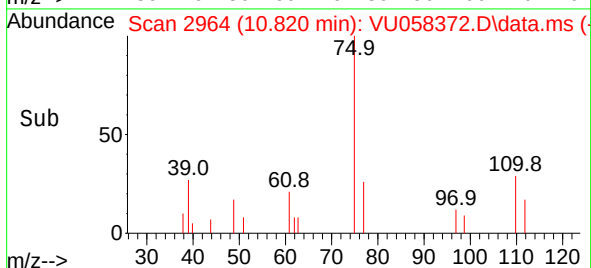
Delta R.T. 0.003 min

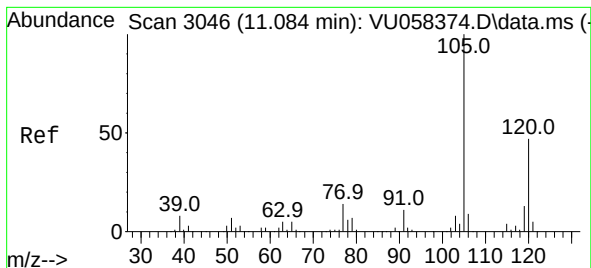
Lab File: VU058372.D

Acq: 04 Apr 2024 15:36



Tgt Ion:	75	Resp:	1965
Ion	Ratio	Lower	Upper
75	100		
110	36.9	25.8	38.6
77	30.1	25.1	37.7





#62

1,3,5-Trimethylbenzene

Concen: 0.484 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

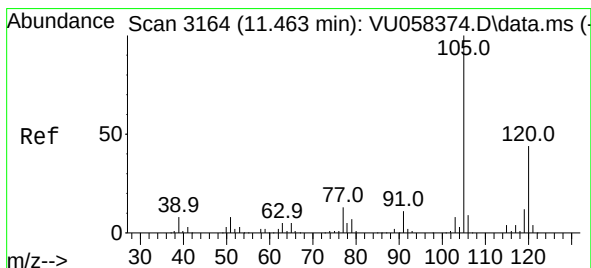
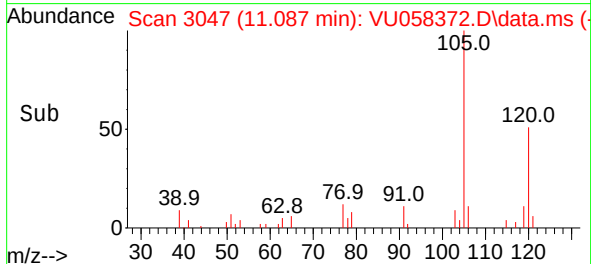
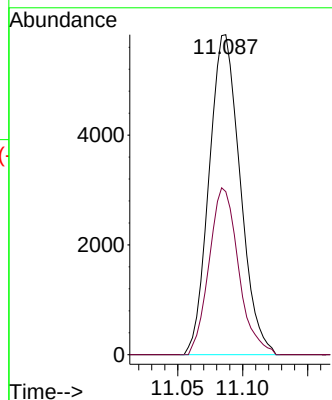
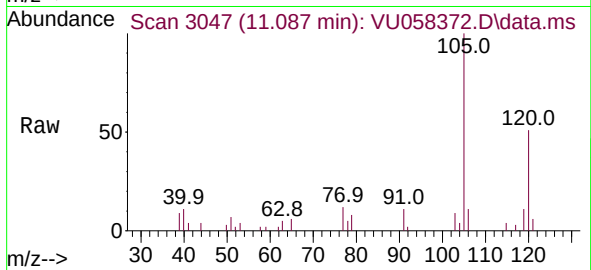
ClientSampleId :

Tgt Ion:105 Resp: 9685

Ion Ratio Lower Upper

105 100

120 49.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.492 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU058372.D

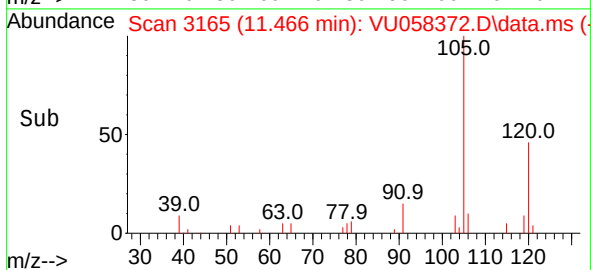
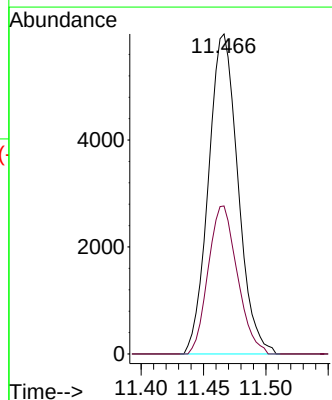
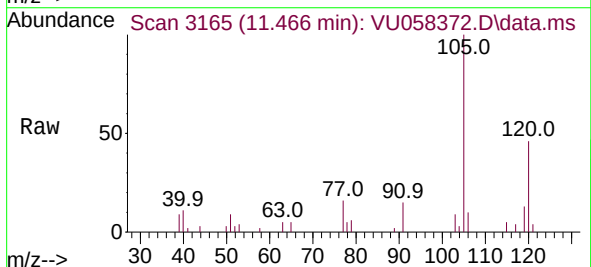
Acq: 04 Apr 2024 15:36

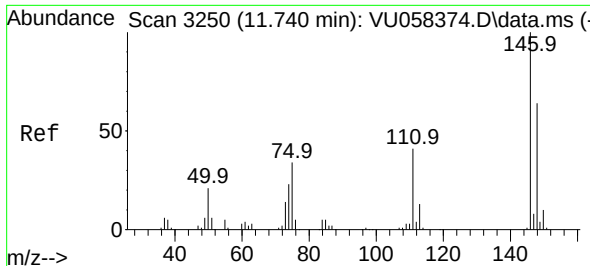
Tgt Ion:105 Resp: 9872

Ion Ratio Lower Upper

105 100

120 45.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.629 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

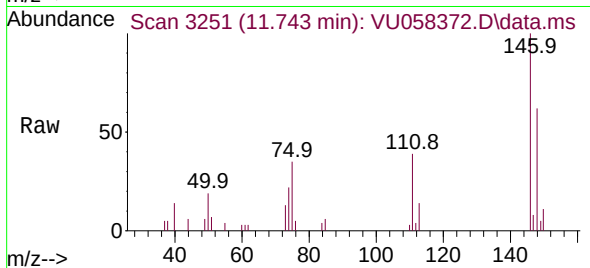
Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :



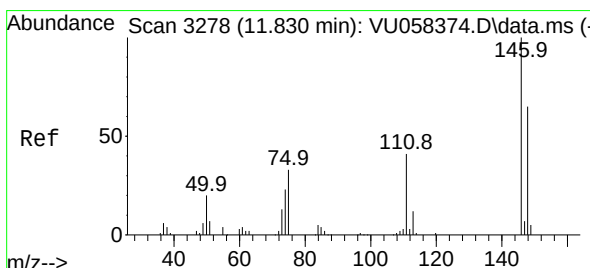
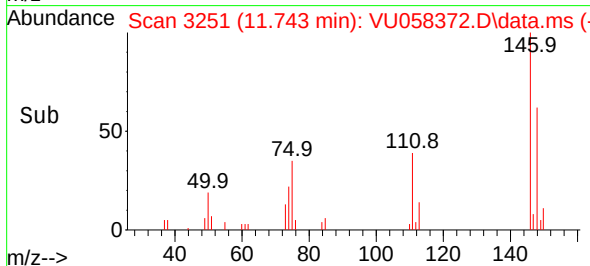
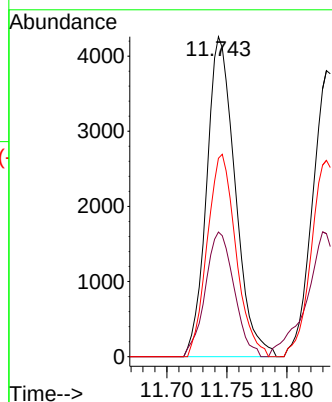
Tgt Ion:146 Resp: 7025

Ion Ratio Lower Upper

146 100

111 38.9 28.8 53.4

148 62.0 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 0.632 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

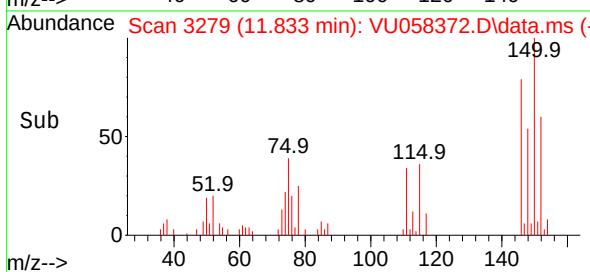
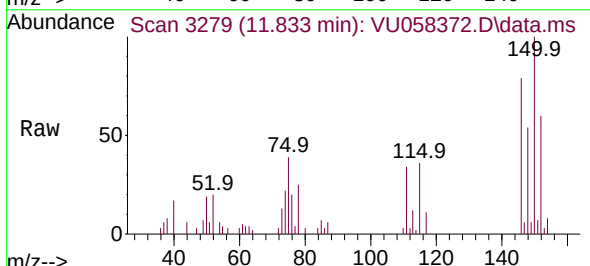
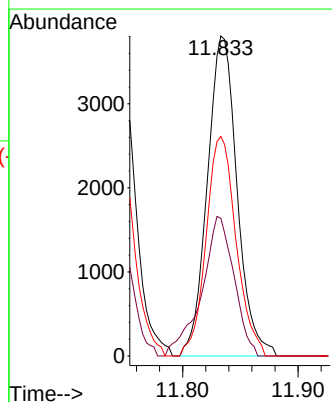
Tgt Ion:146 Resp: 6824

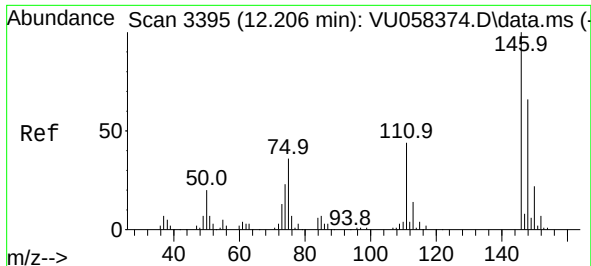
Ion Ratio Lower Upper

146 100

111 43.0 28.8 53.6

148 68.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.623 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

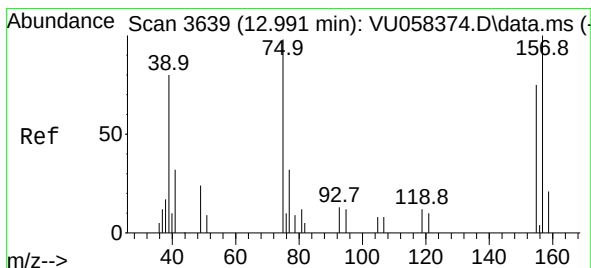
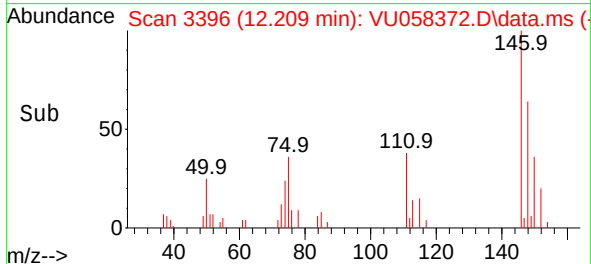
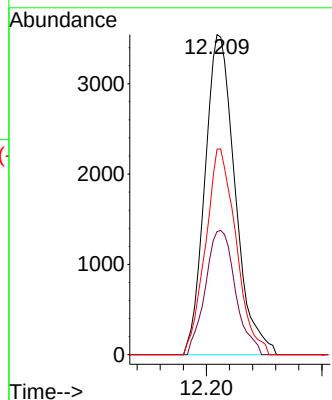
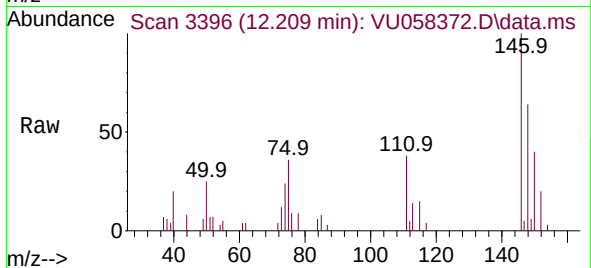
Tgt Ion:146 Resp: 6413

Ion Ratio Lower Upper

146 100

111 38.5 35.0 52.4

148 64.2 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.531 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

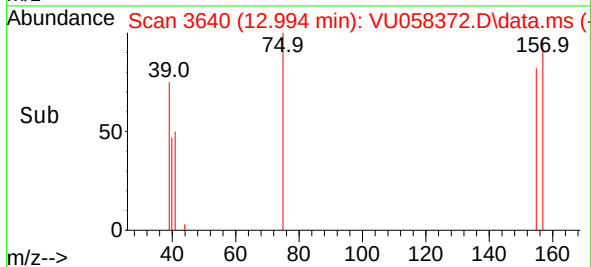
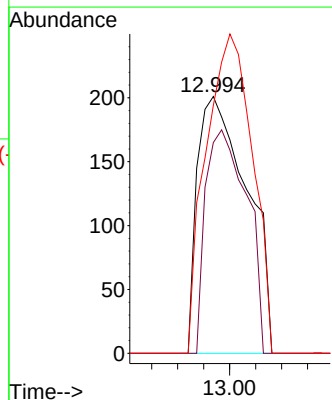
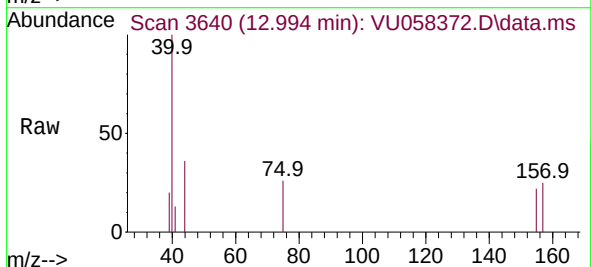
Tgt Ion: 75 Resp: 267

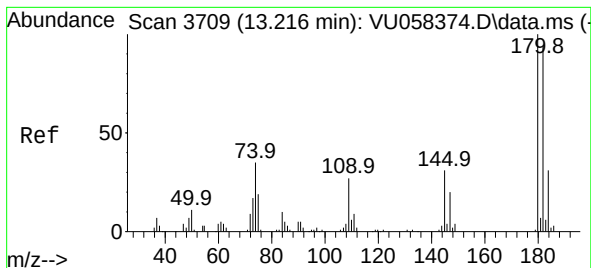
Ion Ratio Lower Upper

75 100

155 82.1 61.4 92.0

157 96.5 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 0.680 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 5379

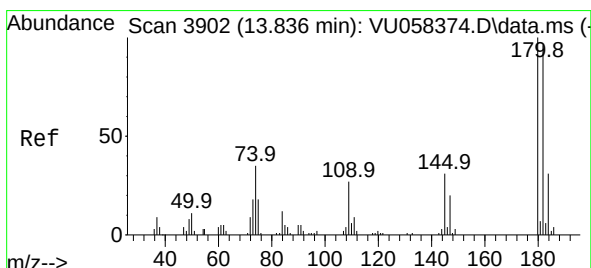
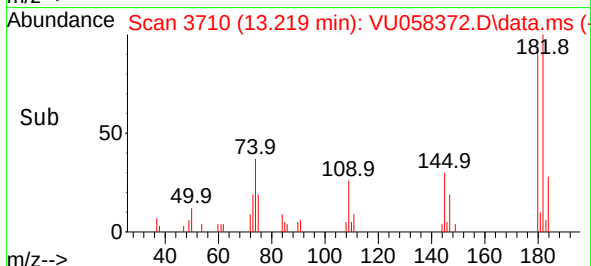
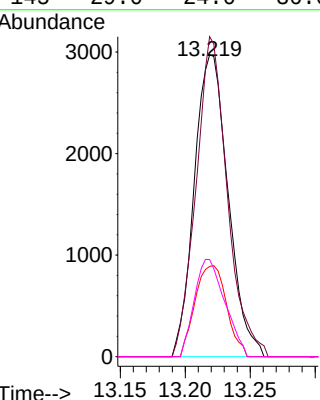
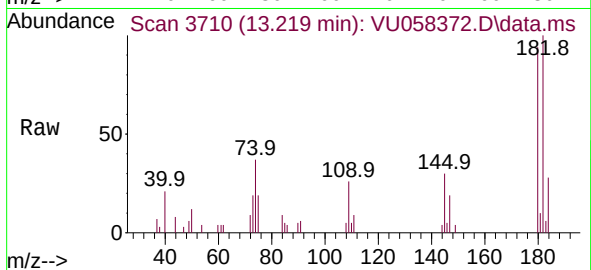
Ion Ratio Lower Upper

180 100

182 97.8 75.7 113.5

184 28.0 24.3 36.5

145 29.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.873 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU058372.D

Acq: 04 Apr 2024 15:36

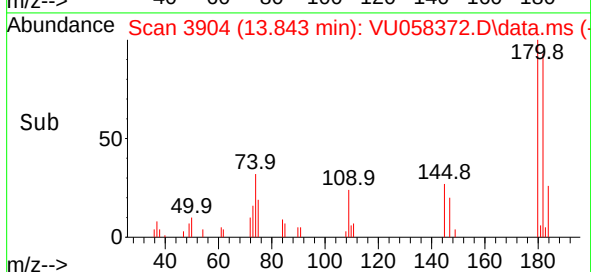
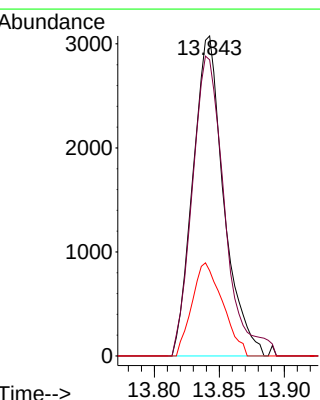
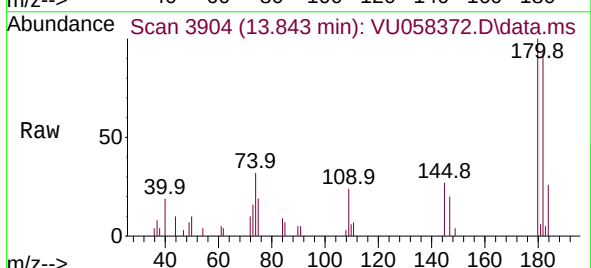
Tgt Ion:180 Resp: 5083

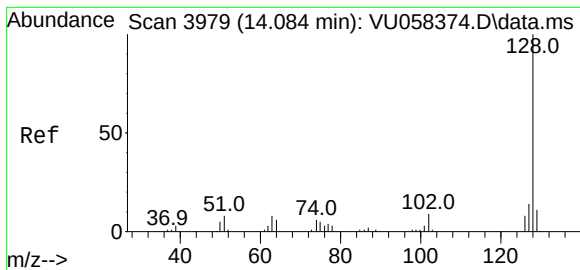
Ion Ratio Lower Upper

180 100

182 97.7 74.4 111.6

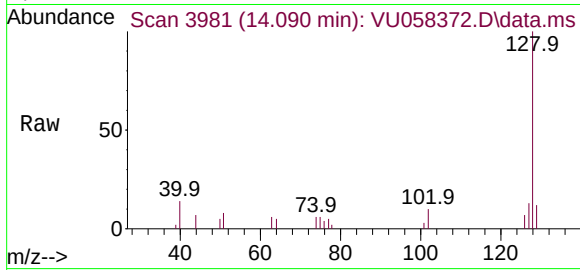
145 29.0 24.1 36.1



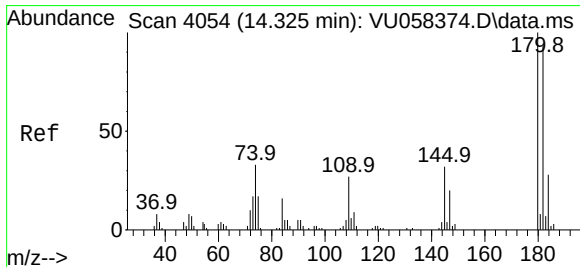
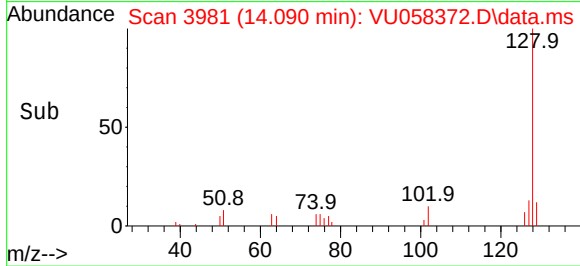
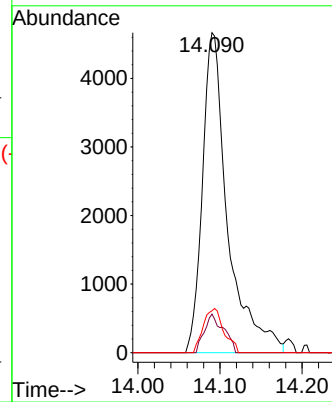


#71
Naphthalene
Concen: 1.281 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 9966
Ion Ratio Lower Upper
128 100
129 9.2 8.6 13.0
127 11.2 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 0.987 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU058372.D
Acq: 04 Apr 2024 15:36

Tgt Ion:180 Resp: 4713
Ion Ratio Lower Upper
180 100
182 93.4 75.9 113.9
145 32.0 25.2 37.8

