

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058952.D
 Acq On : 23 May 2024 16:43
 Operator : MD/SY
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 07:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	172134	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	178719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85188	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91905	50.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.960%
7) Chloroethane-d5	1.907	69	73249	48.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.820%
11) 1,1-Dichloroethene-d2	2.563	63	110985	39.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.800%
21) 2-Butanone-d5	4.615	46	138241	110.545	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.540%
24) Chloroform-d	5.055	84	155562	49.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	5.695	65	100147	52.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.880%
32) Benzene-d6	5.721	84	315237	51.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.480%
36) 1,2-Dichloropropane-d6	6.682	67	106037	52.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.380%
41) Toluene-d8	7.891	98	267463	48.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
43) trans-1,3-Dichloroprop...	8.174	79	43779	48.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.900%
47) 2-Hexanone-d5	8.627	63	85781	103.062	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	156150	51.576	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	12.187	152	97018	55.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	2357	2.047	ug/L	94
3) Chloromethane	1.518	50	2787	2.258	ug/L	93
5) Vinyl chloride	1.602	62	3520	2.443	ug/L #	72
6) Bromomethane	1.853	94	1746	2.044	ug/L	87
8) Chloroethane	1.930	64	2296	2.323	ug/L #	78
9) Trichlorofluoromethane	2.136	101	4085	2.084	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3459	2.596	ug/L #	59
12) 1,1-Dichloroethene	2.573	96	3087	2.895	ug/L #	1
13) Acetone	2.628	43	4246	3.851	ug/L	88
14) Carbon disulfide	2.792	76	4769	2.377	ug/L	100
15) Methyl Acetate	2.956	43	4009	2.256	ug/L #	72
16) Methylene chloride	3.039	84	5774	3.394	ug/L	97
17) trans-1,2-Dichloroethene	3.351	96	2257	2.107	ug/L	85
18) Methyl tert-butyl Ether	3.361	73	8581	2.024	ug/L #	90
19) 1,1-Dichloroethane	3.862	63	5627	2.062	ug/L	96
20) cis-1,2-Dichloroethene	4.663	96	3197	2.255	ug/L	89
23) Bromochloromethane	4.968	128	1469	1.987	ug/L #	84
27) 1,2-Dichloroethane	5.795	62	4083	1.857	ug/L #	92
29) Cyclohexane	5.383	56	2855	1.877	ug/L #	76

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 Response via : Initial Calibration

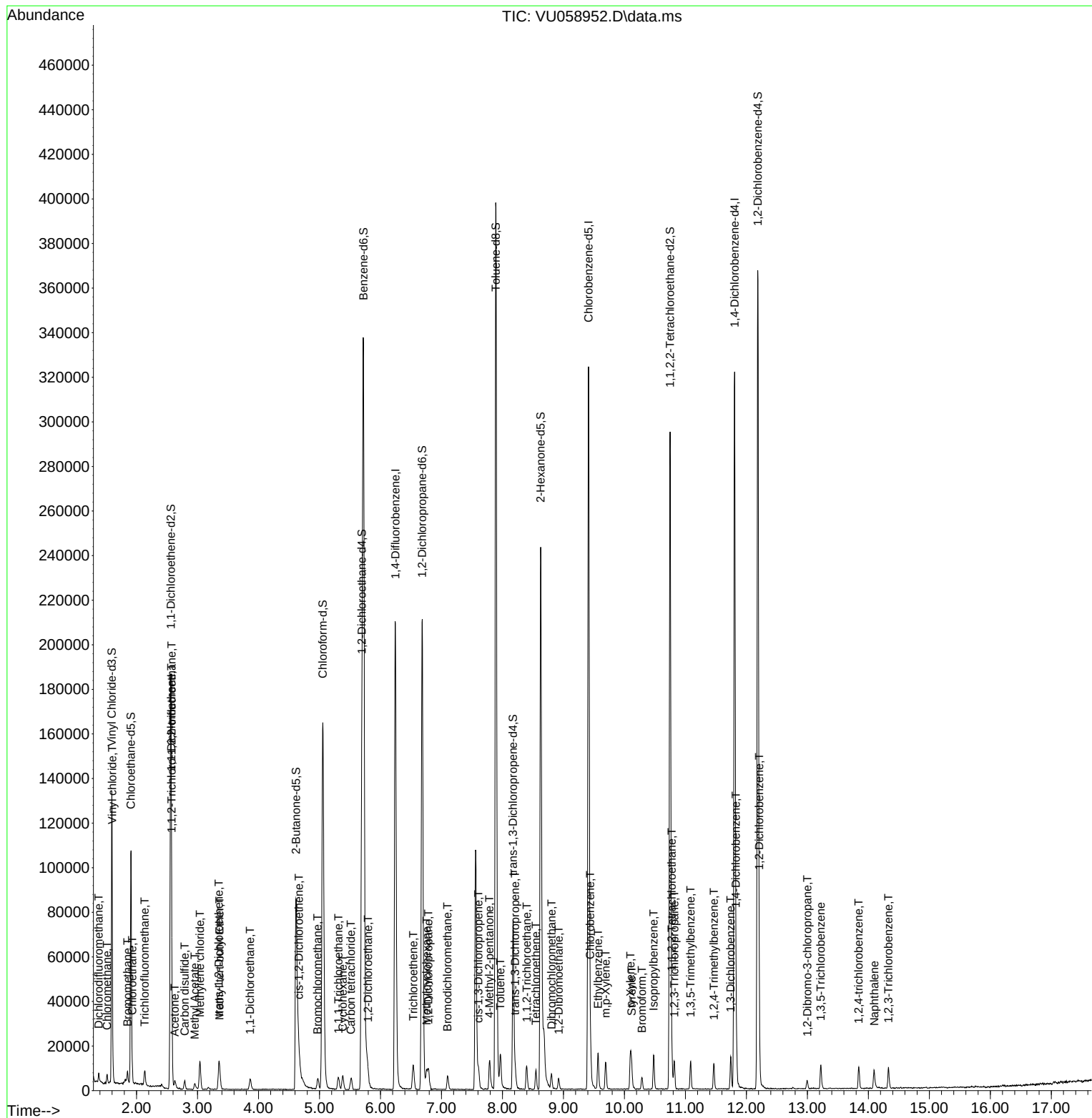
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.312	97	4357	2.031	ug/L	96
31) Carbon tetrachloride	5.515	117	3501	2.021	ug/L	99
34) Trichloroethene	6.541	95	3195	2.240	ug/L	91
35) Methylcyclohexane	6.756	83	3210	1.921	ug/L #	86
37) 1,2-Dichloropropane	6.785	63	3784	2.167	ug/L #	96
38) Bromodichloromethane	7.100	83	4506	2.076	ug/L #	98
39) cis-1,3-Dichloropropene	7.608	75	5055	2.102	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	10464	4.204	ug/L #	91
42) Toluene	7.965	91	11850	2.058	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	4239	1.862	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	3396	1.970	ug/L	96
46) Tetrachloroethene	8.550	164	2141	2.252	ug/L	83
49) Dibromochloromethane	8.804	129	3560	2.161	ug/L	84
50) 1,2-Dibromoethane	8.923	107	3549	2.154	ug/L #	93
51) Chlorobenzene	9.441	112	8438	2.217	ug/L	95
52) Ethylbenzene	9.569	91	11379	1.826	ug/L	91
53) m,p-Xylene	9.692	106	3572	1.595	ug/L	98
54) o-Xylene	10.100	106	3519	1.570	ug/L	94
55) Styrene	10.119	104	5992	1.497	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	7092	2.283	ug/L #	93
59) Bromoform	10.286	173	2522	2.234	ug/L #	95
60) 1,2,3-Trichloropropane	10.820	75	5132	2.367	ug/L	96
61) Isopropylbenzene	10.479	105	9946	1.828	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	7212	1.683	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	6956	1.609	ug/L	95
64) 1,3-Dichlorobenzene	11.743	146	5923	2.097	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	6874	2.410	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	6700	2.332	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	13.000	75	1354	2.309	ug/L #	49
69) 1,3,5-Trichlorobenzene	13.219	180	4000	2.011	ug/L #	90
70) 1,2,4-trichlorobenzene	13.839	180	3723	2.173	ug/L	87
71) Naphthalene	14.097	128	7760	1.553	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	2906	1.656	ug/L	88

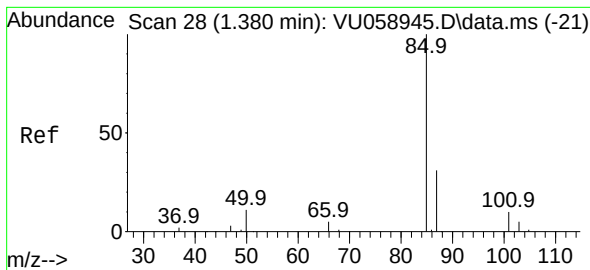
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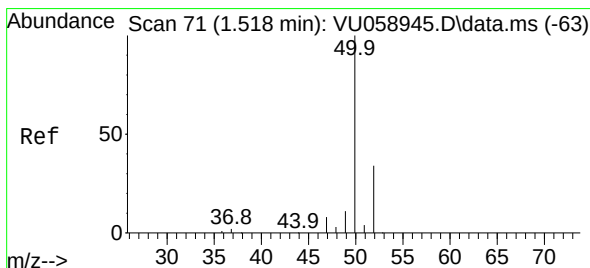
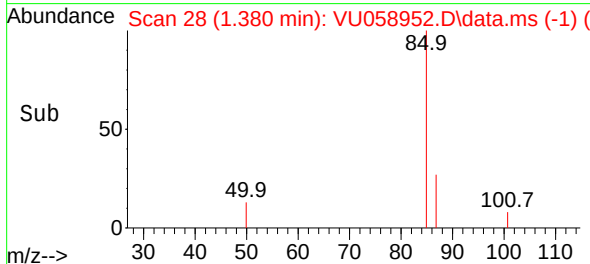
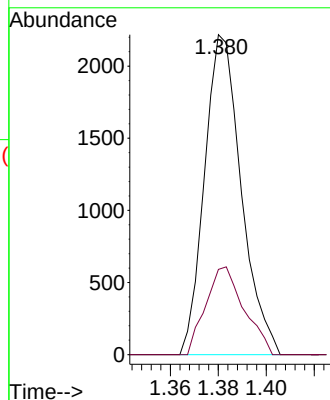
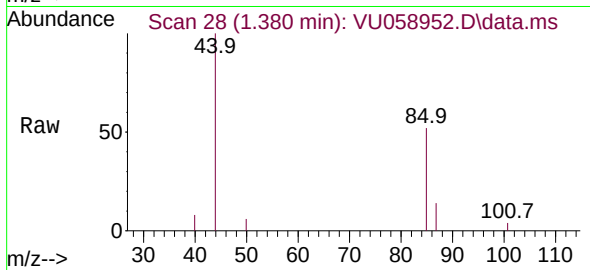




#2
 Dichlorodifluoromethane
 Concen: 2.047 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058952.D
 Acq: 23 May 2024 16:43

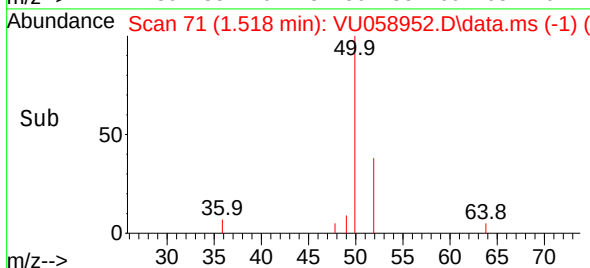
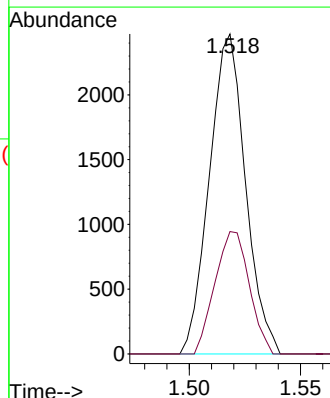
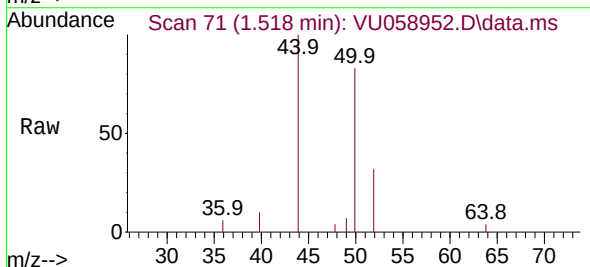
Instrument :
 MSVOA_U
 ClientSampleId :

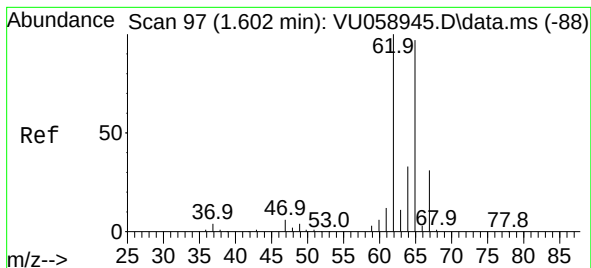
Tgt Ion: 85 Resp: 2357
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.7 38.5



#3
 Chloromethane
 Concen: 2.258 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU058952.D
 Acq: 23 May 2024 16:43

Tgt Ion: 50 Resp: 2787
 Ion Ratio Lower Upper
 50 100
 52 38.3 23.9 44.3





#5

Vinyl chloride

Concen: 2.443 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

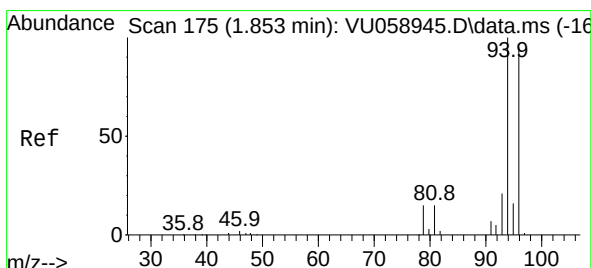
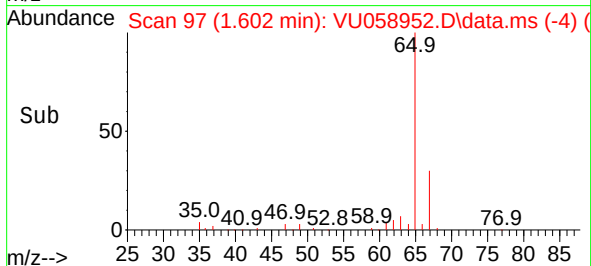
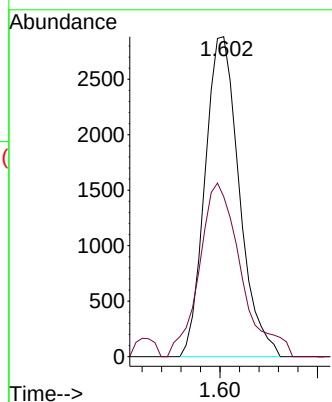
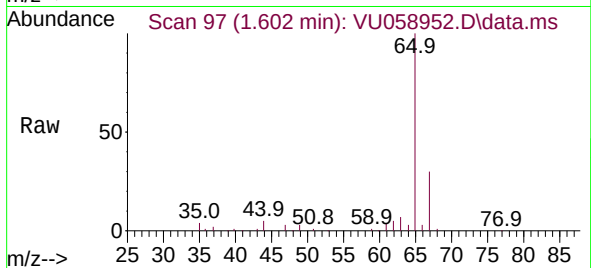
ClientSampleId :

Tgt Ion: 62 Resp: 3520

Ion Ratio Lower Upper

62 100

64 50.0 23.7 43.9#



#6

Bromomethane

Concen: 2.044 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058952.D

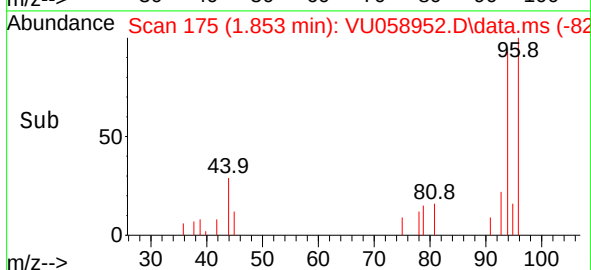
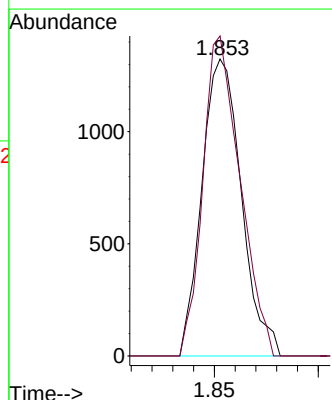
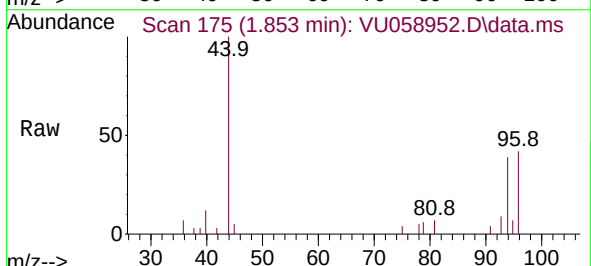
Acq: 23 May 2024 16:43

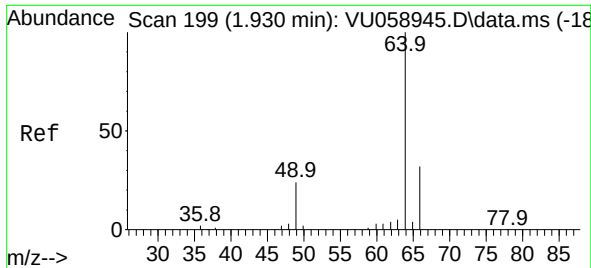
Tgt Ion: 94 Resp: 1746

Ion Ratio Lower Upper

94 100

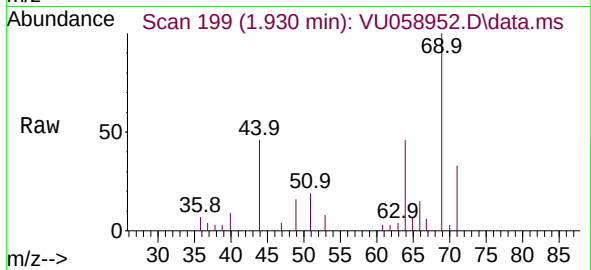
96 107.8 66.6 123.6



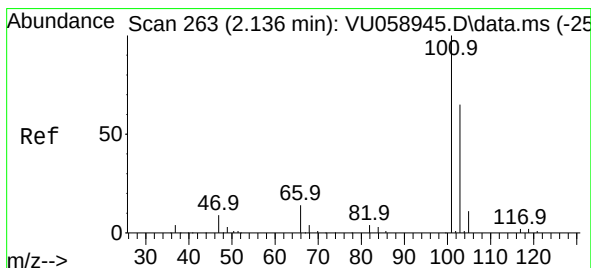
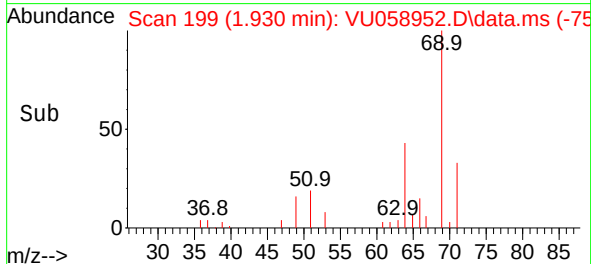
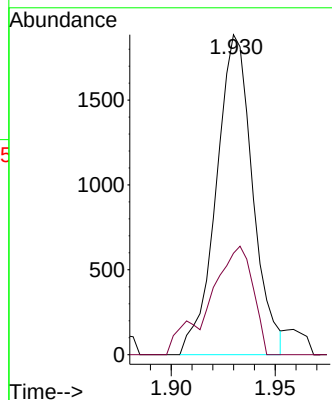


#8
Chloroethane
Concen: 2.323 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Instrument :
MSVOA_U
ClientSampleId :

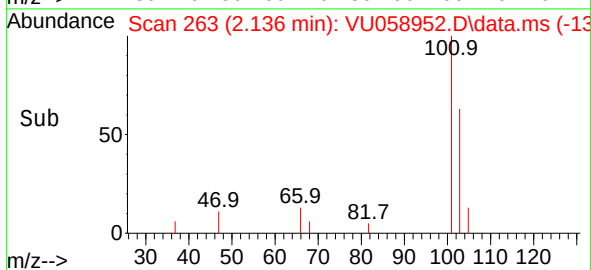
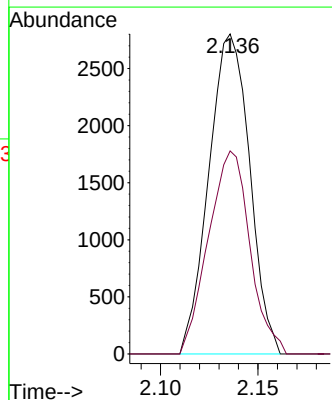
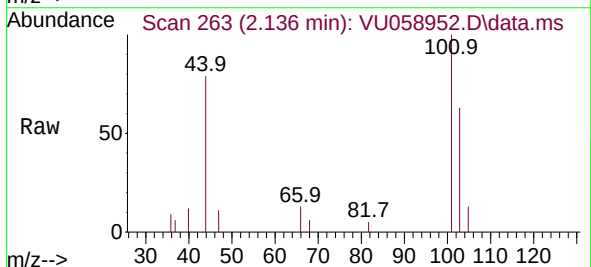


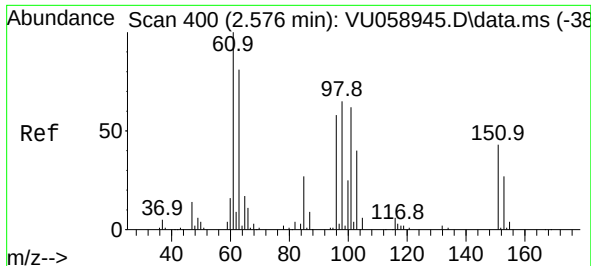
Tgt Ion: 64 Resp: 2296
Ion Ratio Lower Upper
64 100
66 45.0 22.7 42.1#



#9
Trichlorofluoromethane
Concen: 2.084 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion:101 Resp: 4085
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

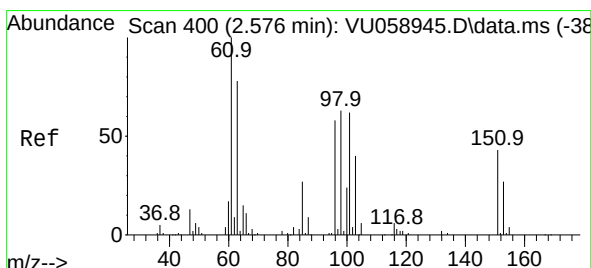
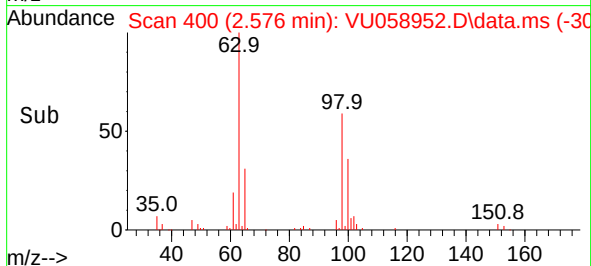
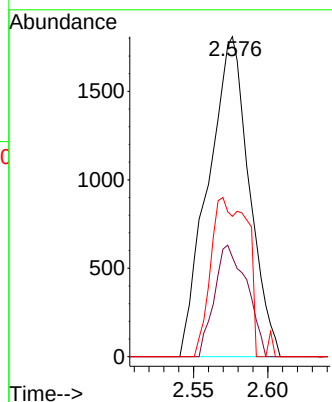
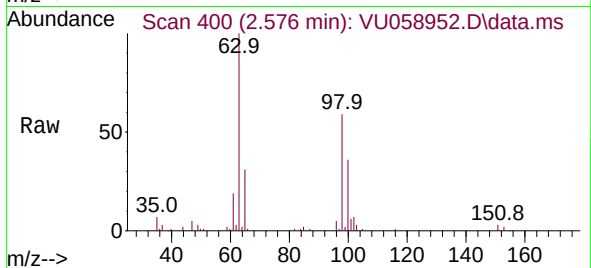




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.596 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

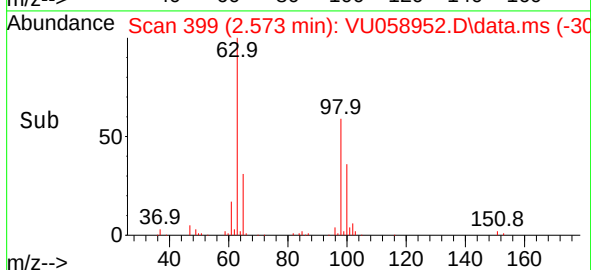
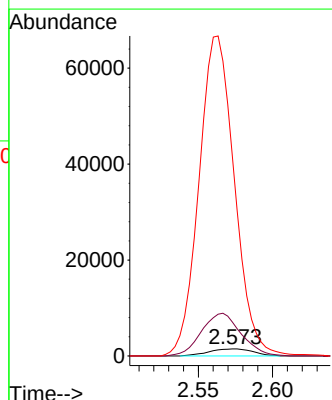
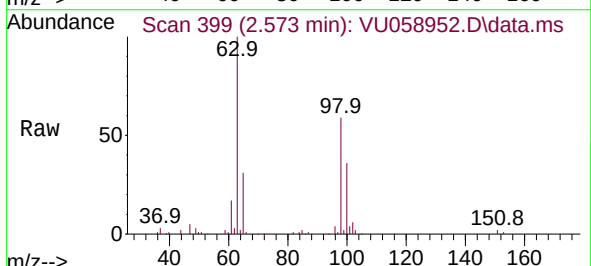
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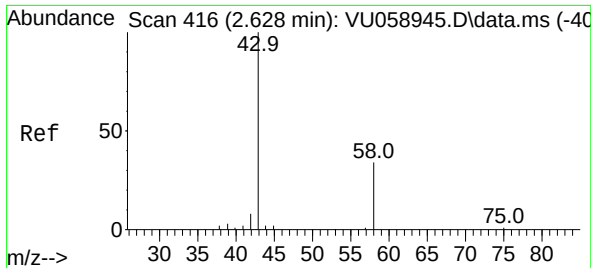
Tgt Ion:101 Resp: 3459
Ion Ratio Lower Upper
101 100
85 27.7 34.9 52.3#
151 26.7 54.5 81.7#



#12
1,1-Dichloroethene
Concen: 2.895 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 96 Resp: 3087
Ion Ratio Lower Upper
96 100
61 477.0 122.2 227.0#
63 2812.2 102.8 190.8#





#13

Acetone

Concen: 3.851 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

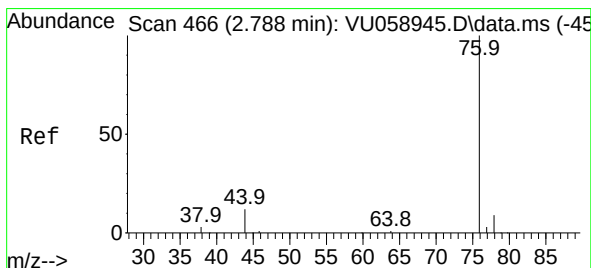
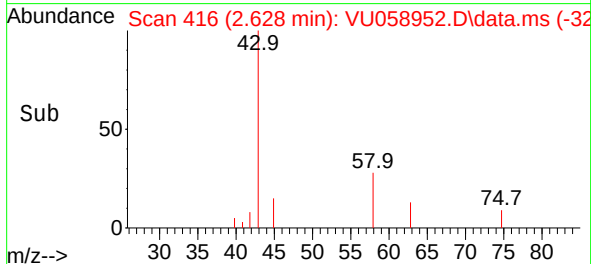
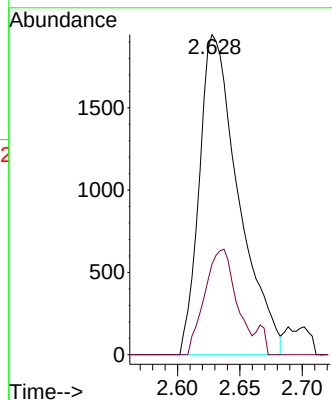
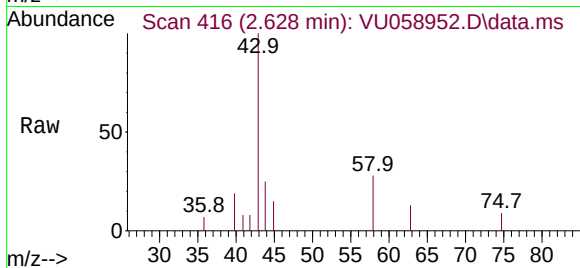
ClientSampleId :

Tgt Ion: 43 Resp: 4246

Ion Ratio Lower Upper

43 100

58 26.5 0.0 67.2



#14

Carbon disulfide

Concen: 2.377 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU058952.D

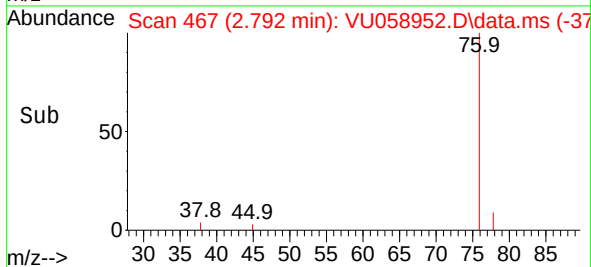
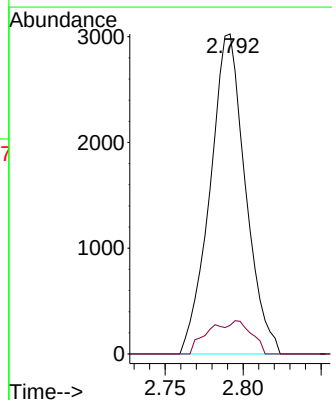
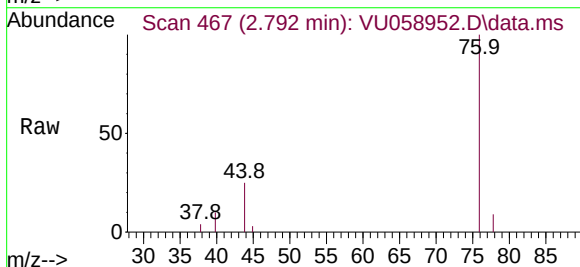
Acq: 23 May 2024 16:43

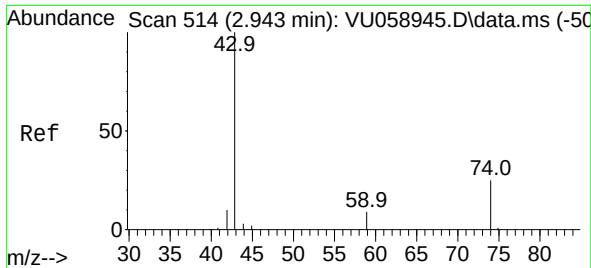
Tgt Ion: 76 Resp: 4769

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

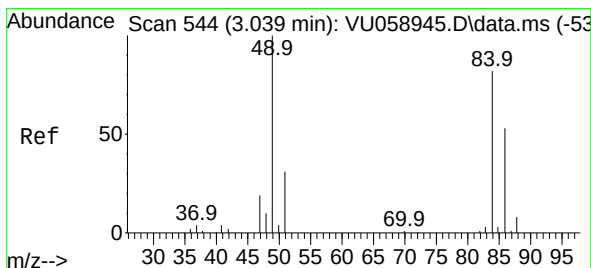
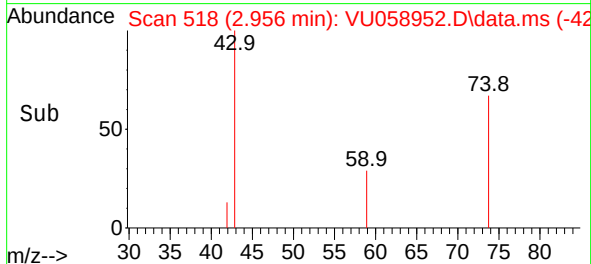
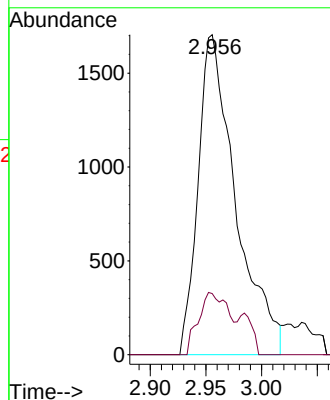
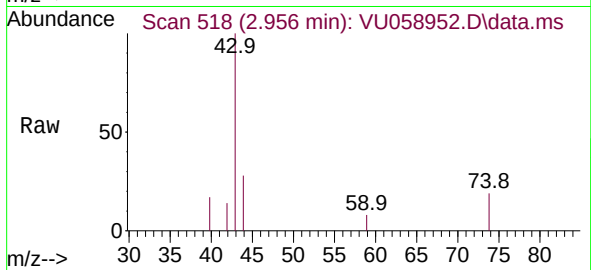




#15
Methyl Acetate
Concen: 2.256 ug/L
RT: 2.956 min Scan# 514
Delta R.T. 0.013 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

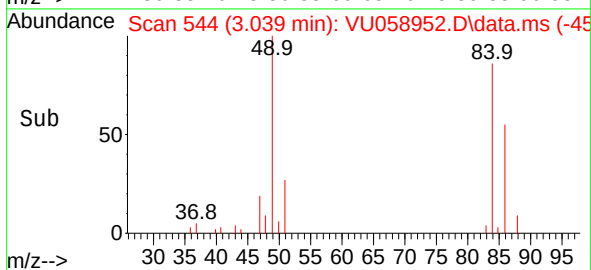
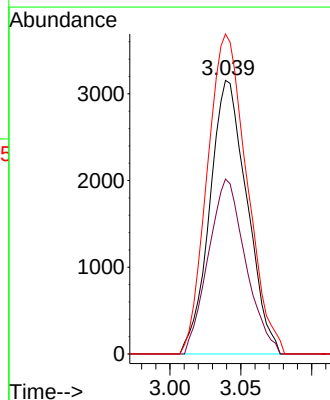
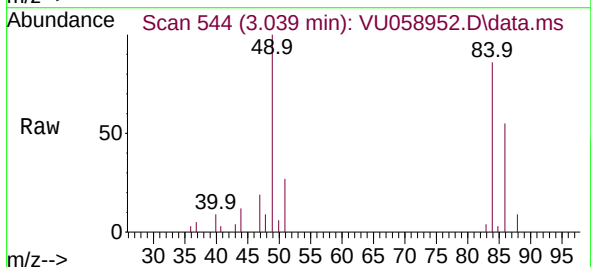
Instrument :
MSVOA_U
ClientSampleId :

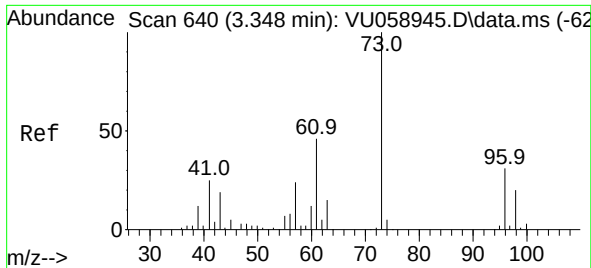
Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
74 10.6 19.8 29.8#



#16
Methylene chloride
Concen: 3.394 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.5
49 117.0 85.4 158.6

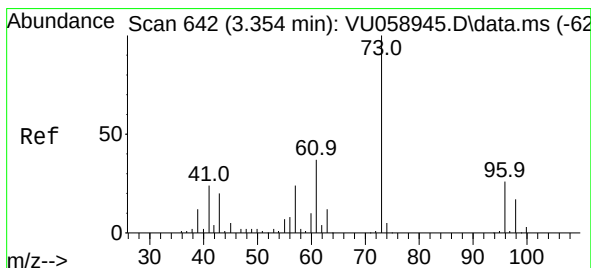
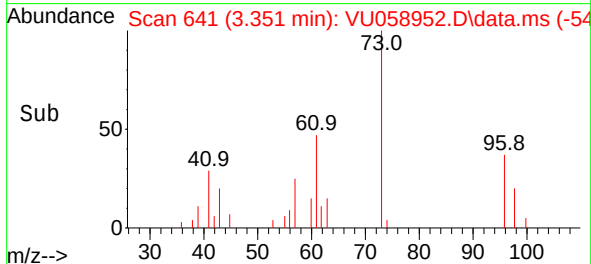
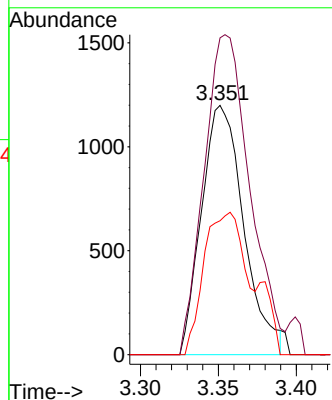
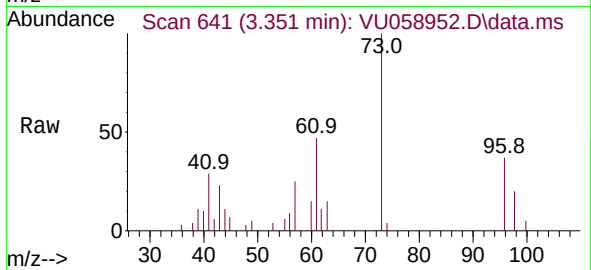




#17
trans-1,2-Dichloroethene
Concen: 2.107 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

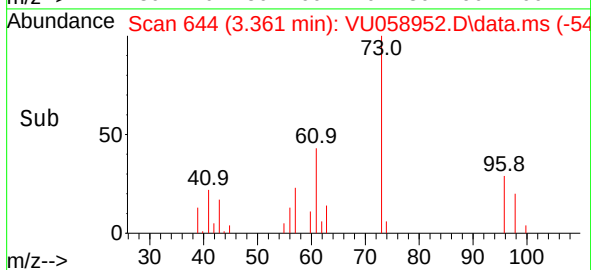
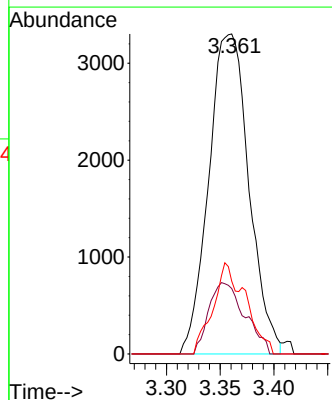
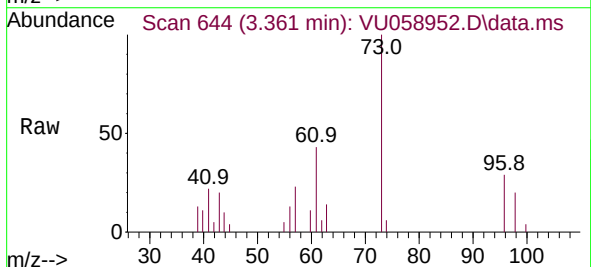
Instrument :
MSVOA_U
ClientSampleId :

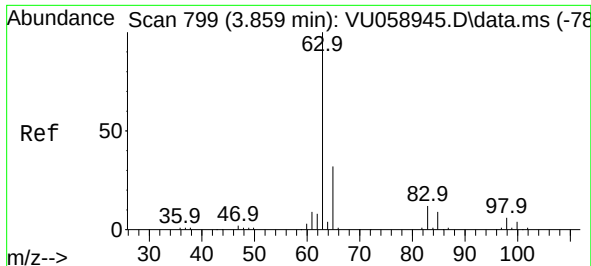
Tgt Ion: 96 Resp: 2257
Ion Ratio Lower Upper
96 100
61 127.1 103.5 192.1
98 53.7 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 2.024 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 73 Resp: 8581
Ion Ratio Lower Upper
73 100
43 16.8 15.4 23.2
57 16.2 18.6 27.8#

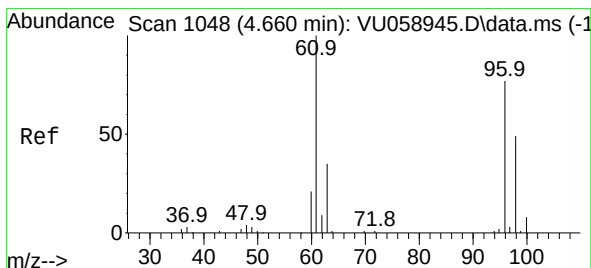
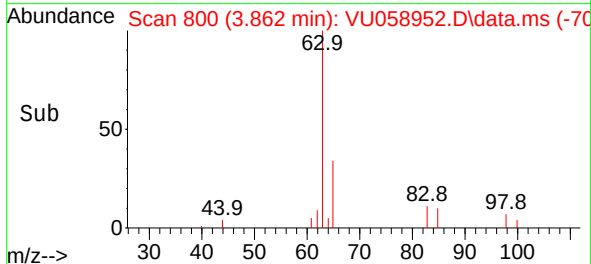
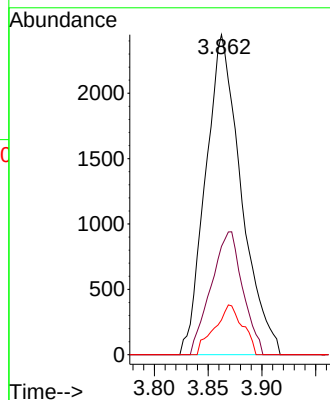
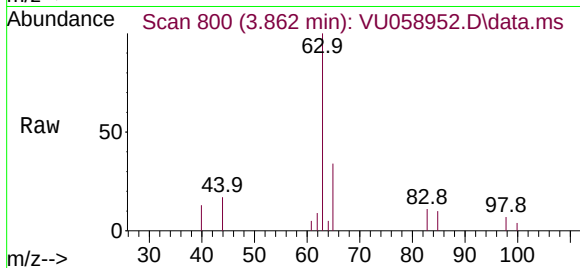




#19
1,1-Dichloroethane
Concen: 2.062 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

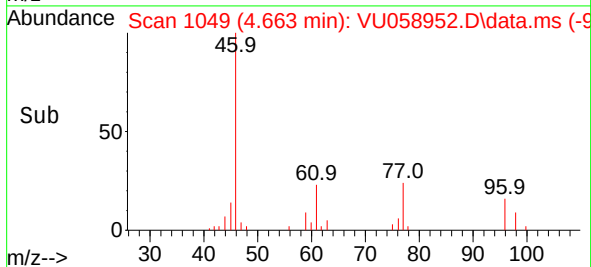
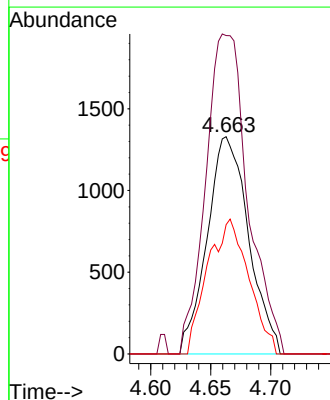
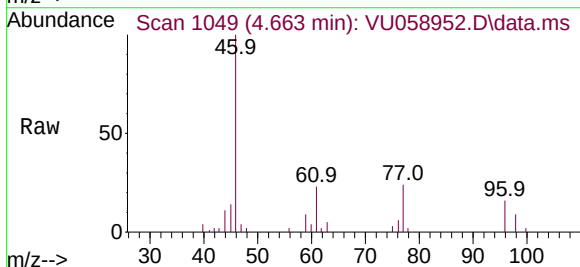
Instrument :
MSVOA_U
ClientSampleId :

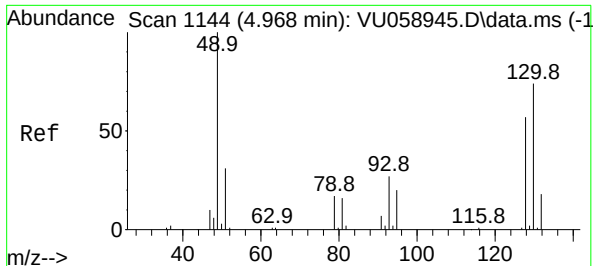
Tgt Ion: 63 Resp: 5627
Ion Ratio Lower Upper
63 100
65 33.9 22.3 41.3
83 10.9 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 2.255 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 96 Resp: 3197
Ion Ratio Lower Upper
96 100
61 146.6 91.1 169.3
98 59.5 44.4 82.4





#23

Bromochloromethane

Concen: 1.987 ug/L

RT: 4.968 min Scan# 1400

Delta R.T. 0.000 min

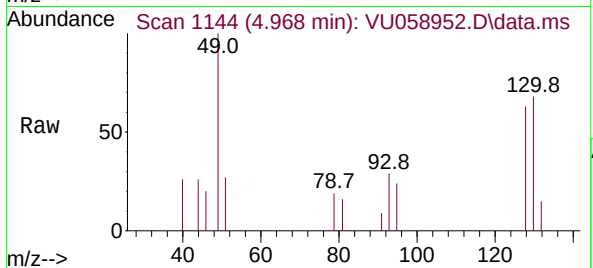
Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1469

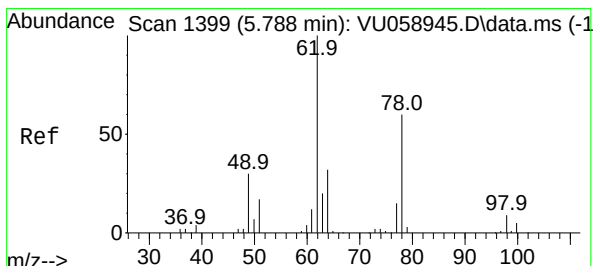
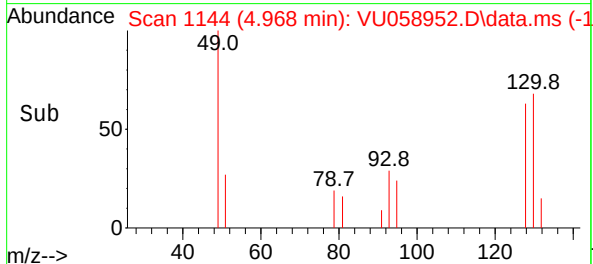
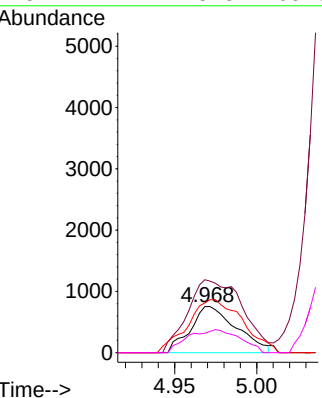
Ion Ratio Lower Upper

128 100

49 158.6 123.8 229.8

130 108.0 90.6 168.2

51 42.1 43.8 65.6#



#27

1,2-Dichloroethane

Concen: 1.857 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU058952.D

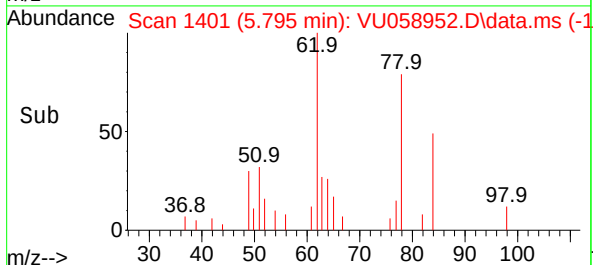
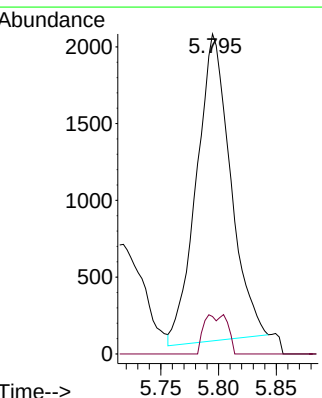
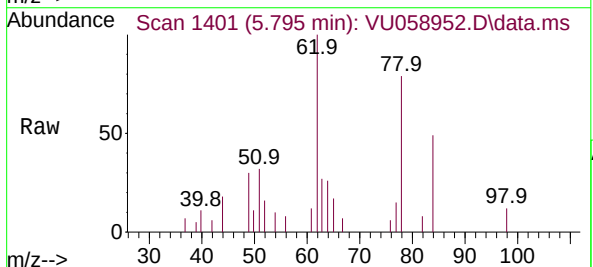
Acq: 23 May 2024 16:43

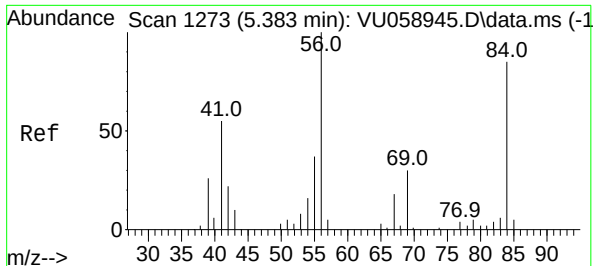
Tgt Ion: 62 Resp: 4083

Ion Ratio Lower Upper

62 100

98 11.7 7.0 10.4#





#29

Cyclohexane

Concen: 1.877 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU058952.D

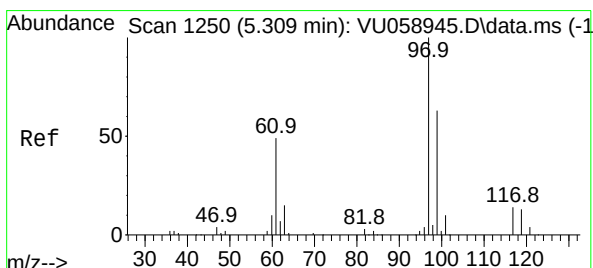
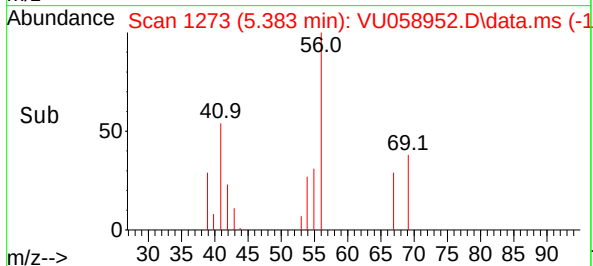
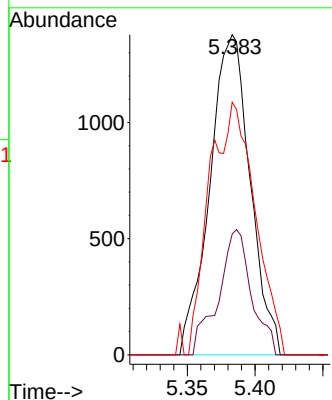
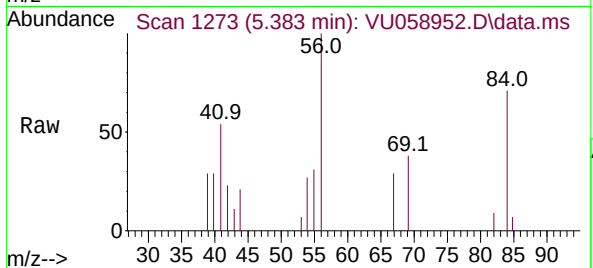
Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 2855
Ion Ratio	Lower Upper
56	100
69	28.1 24.3 36.5
84	55.7 66.7 100.1#



#30

1,1,1-Trichloroethane

Concen: 2.031 ug/L

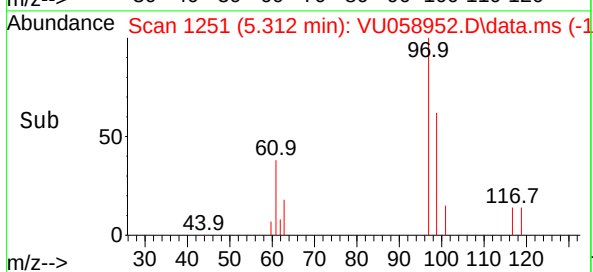
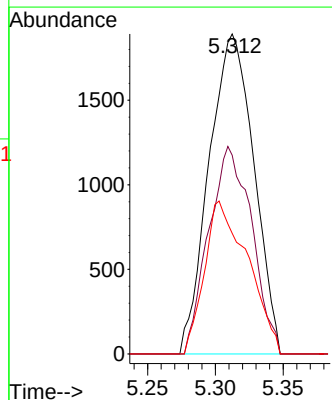
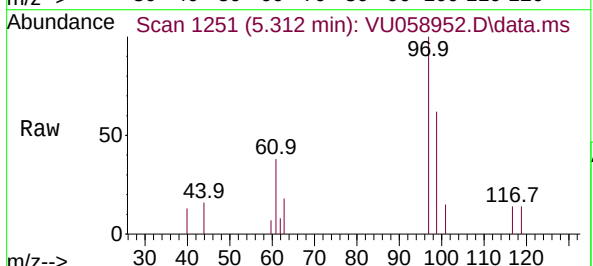
RT: 5.312 min Scan# 1251

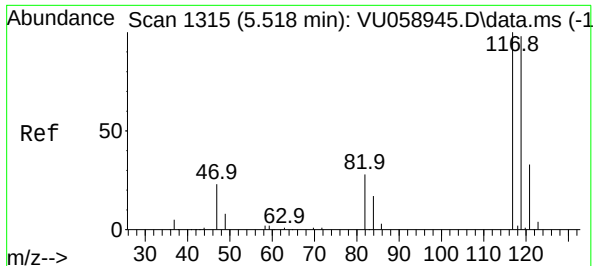
Delta R.T. 0.003 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Tgt Ion: 97	Resp: 4357
Ion Ratio	Lower Upper
97	100
99	62.1 51.8 77.8
61	46.1 38.9 58.3

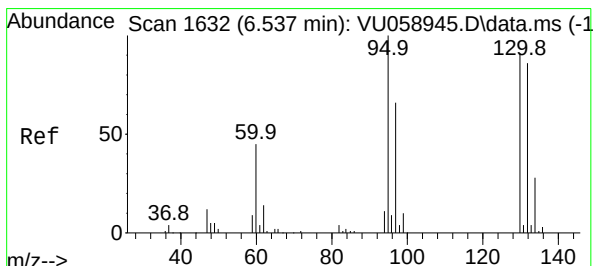
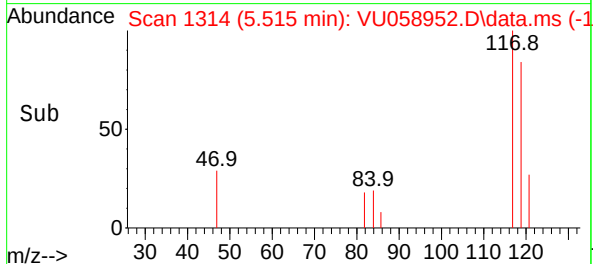
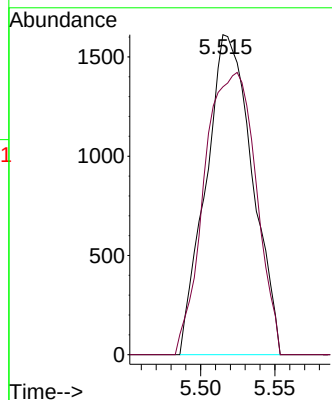
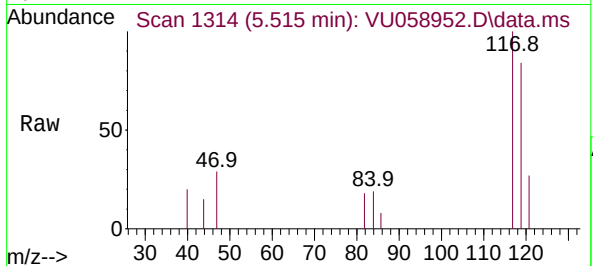




#31
Carbon tetrachloride
Concen: 2.021 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

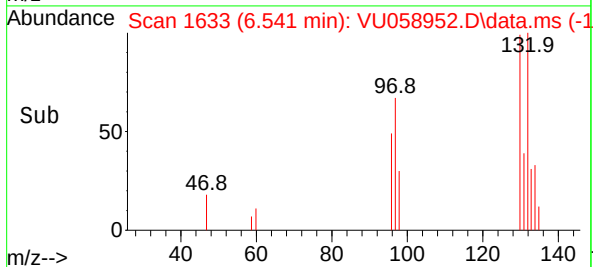
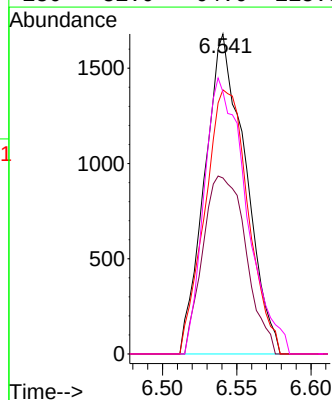
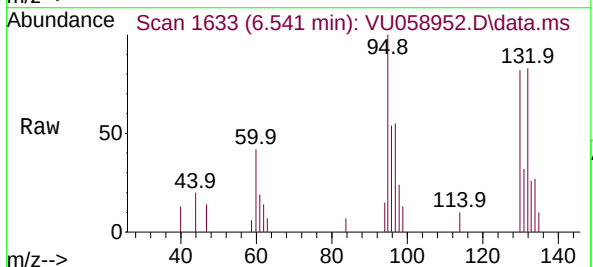
Instrument :
MSVOA_U
ClientSampleId :

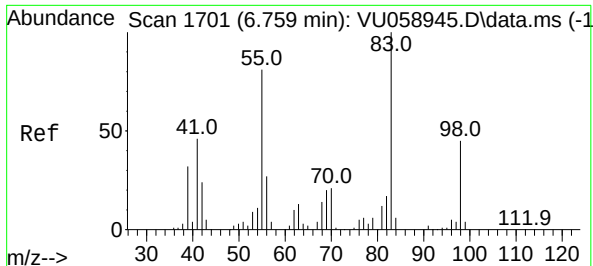
Tgt Ion:117 Resp: 3501
Ion Ratio Lower Upper
117 100
119 98.0 77.4 116.0



#34
Trichloroethene
Concen: 2.240 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 95 Resp: 3195
Ion Ratio Lower Upper
95 100
97 55.0 45.9 85.3
132 82.6 60.5 112.5
130 81.9 64.0 118.8





#35

Methylcyclohexane

Concen: 1.921 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

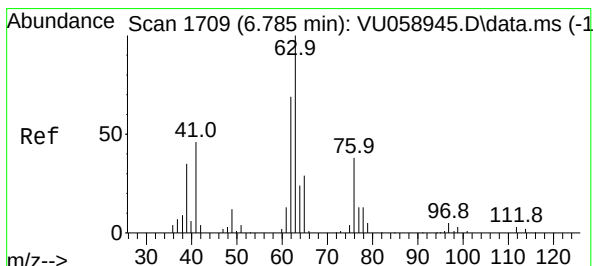
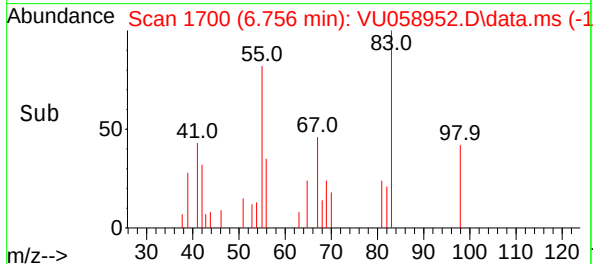
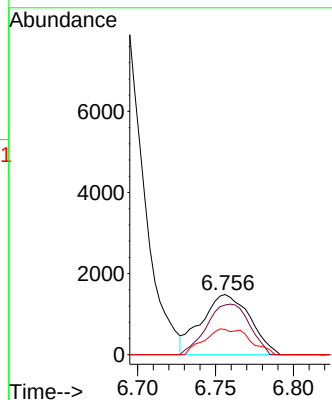
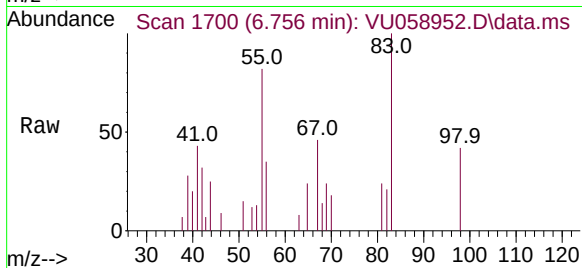
Tgt Ion: 83 Resp: 3210

Ion Ratio Lower Upper

83 100

55 73.9 61.5 92.3

98 23.6 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 2.167 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU058952.D

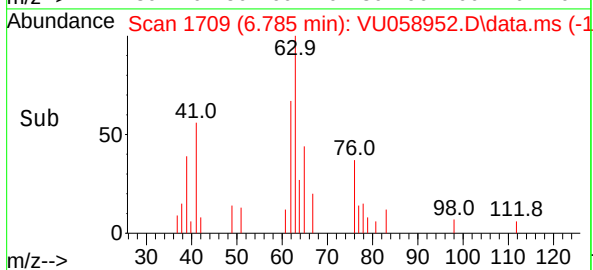
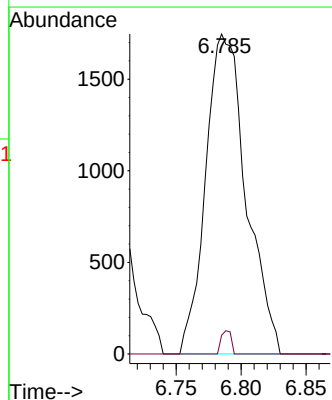
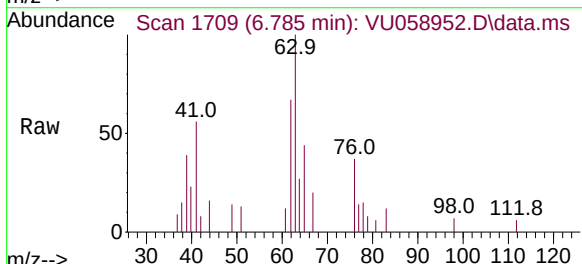
Acq: 23 May 2024 16:43

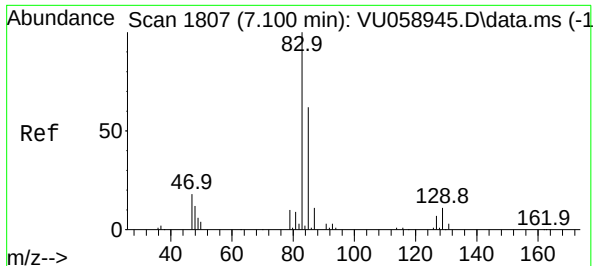
Tgt Ion: 63 Resp: 3784

Ion Ratio Lower Upper

63 100

112 1.8 2.5 3.7#

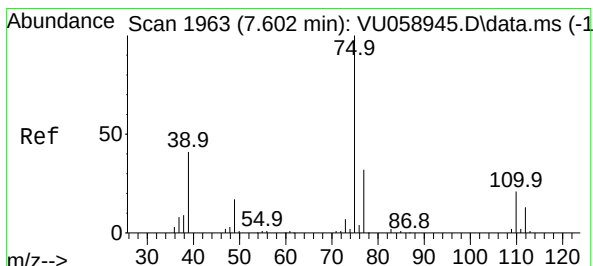
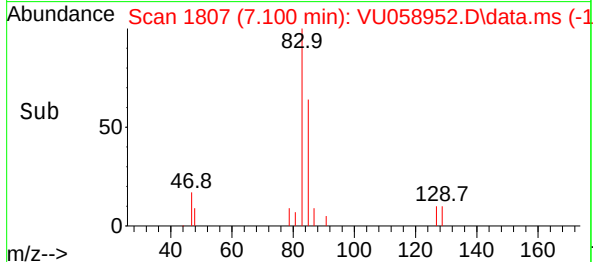
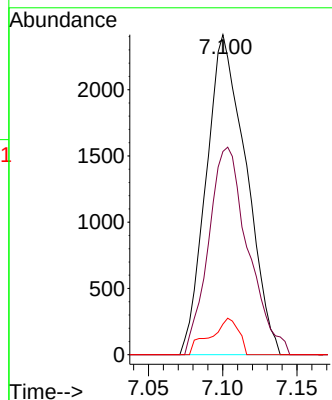
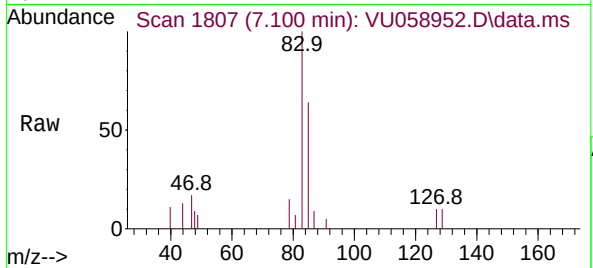




#38
Bromodichloromethane
Concen: 2.076 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

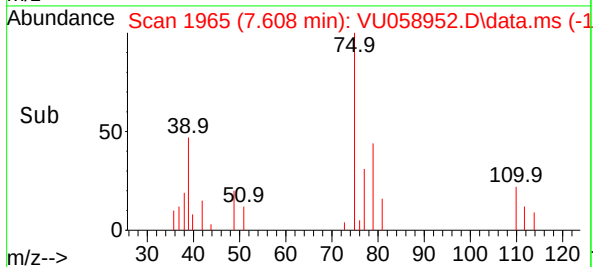
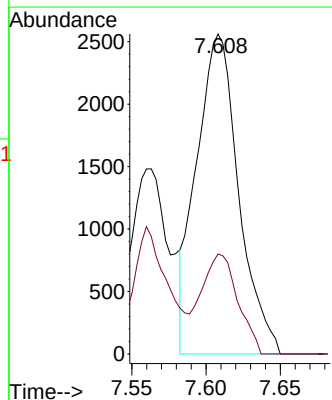
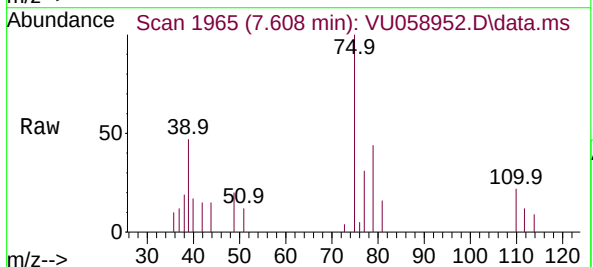
Instrument :
MSVOA_U
ClientSampleId :

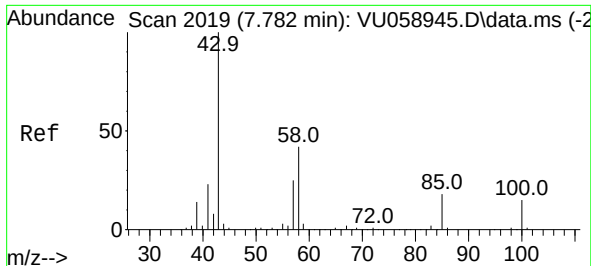
Tgt Ion: 83 Resp: 4506
Ion Ratio Lower Upper
83 100
85 63.5 43.5 80.9
127 9.6 5.8 8.6#



#39
cis-1,3-Dichloropropene
Concen: 2.102 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 75 Resp: 5055
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7

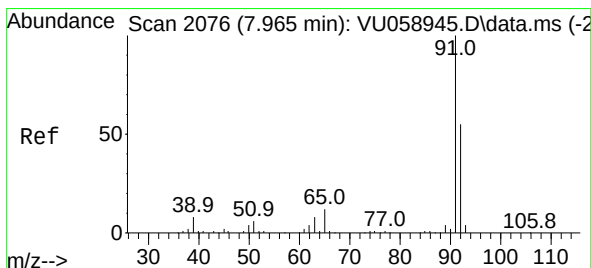
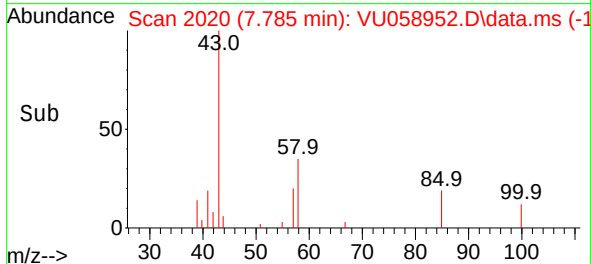
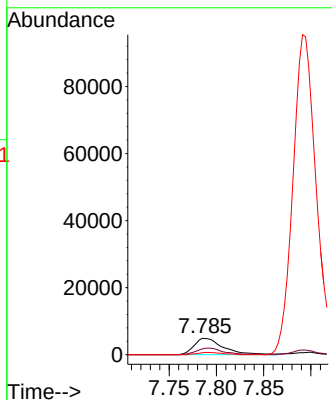
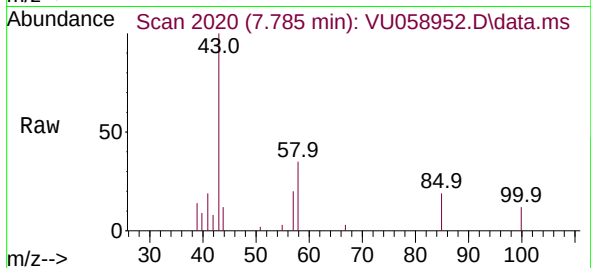




#40
4-Methyl-2-pentanone
Concen: 4.204 ug/L
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

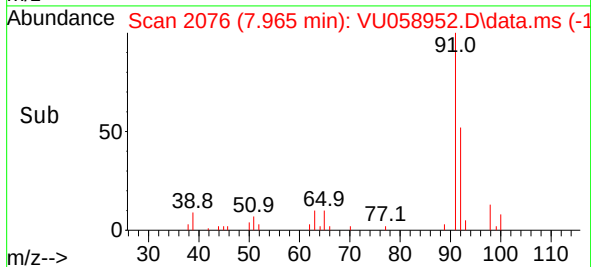
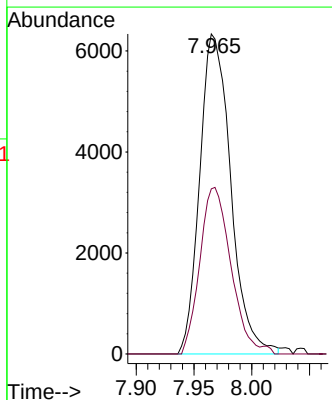
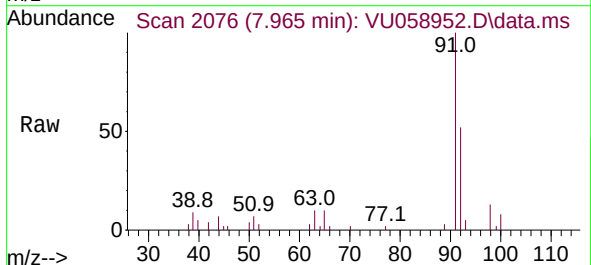
Instrument :
MSVOA_U
ClientSampleId :

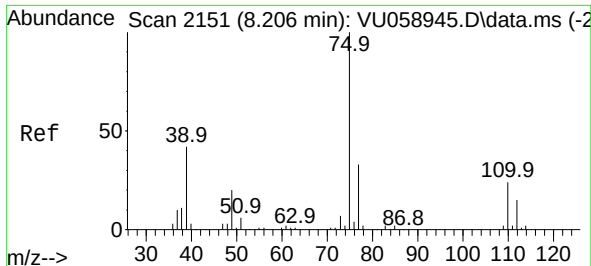
Tgt Ion: 43 Resp: 10464
Ion Ratio Lower Upper
43 100
58 36.1 33.5 50.3
100 11.5 11.8 17.8#



#42
Toluene
Concen: 2.058 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 91 Resp: 11850
Ion Ratio Lower Upper
91 100
92 51.6 38.7 71.9

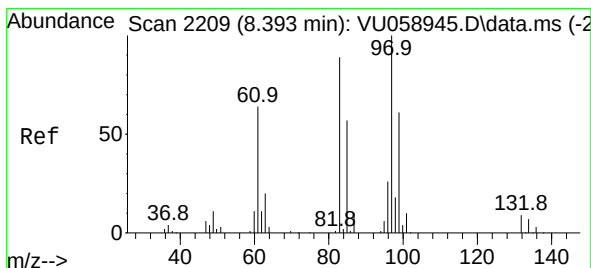
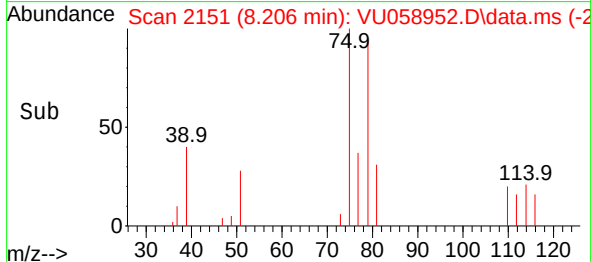
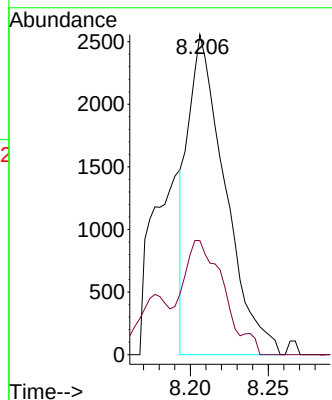
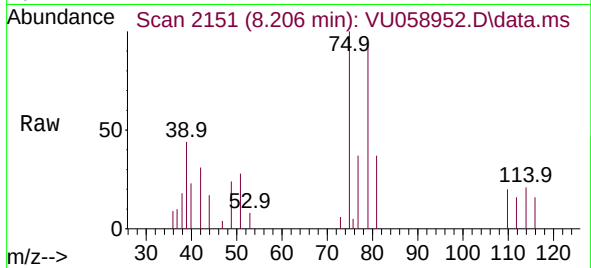




#44
trans-1,3-Dichloropropene
Concen: 1.862 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

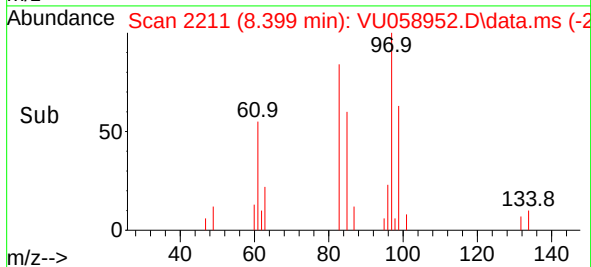
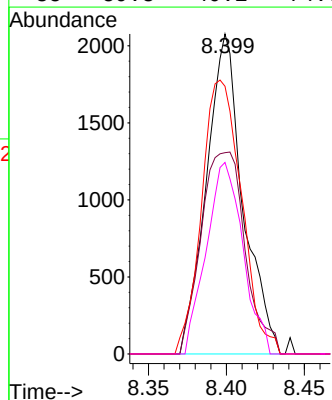
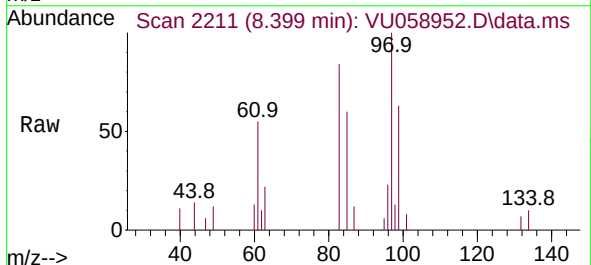
Instrument :
MSVOA_U
ClientSampleId :

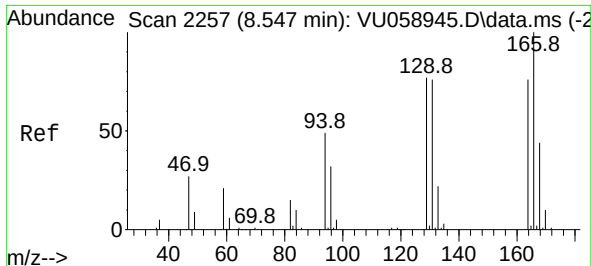
Tgt Ion: 75 Resp: 4239
Ion Ratio Lower Upper
75 100
77 35.6 23.0 42.8



#45
1,1,2-Trichloroethane
Concen: 1.970 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion: 97 Resp: 3396
Ion Ratio Lower Upper
97 100
99 62.9 42.6 79.2
83 83.7 62.2 115.6
85 59.8 40.2 74.6





#46

Tetrachloroethene

Concen: 2.252 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

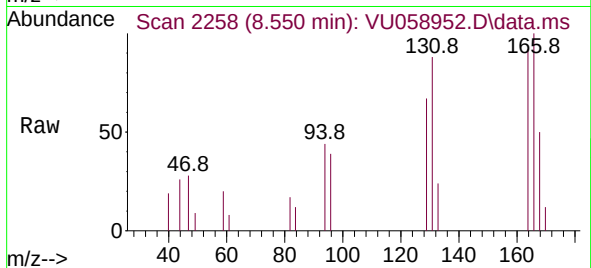
Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2141

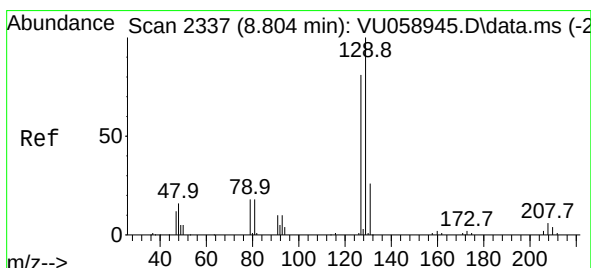
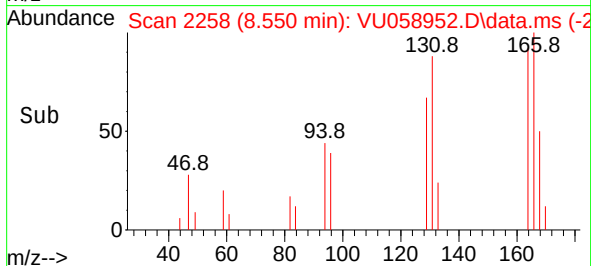
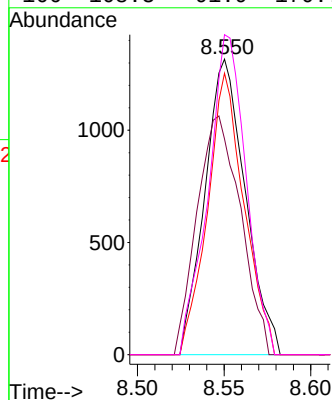
Ion Ratio Lower Upper

164 100

129 73.0 70.6 131.0

131 95.2 69.2 128.6

166 108.3 91.9 170.7



#49

Dibromochloromethane

Concen: 2.161 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058952.D

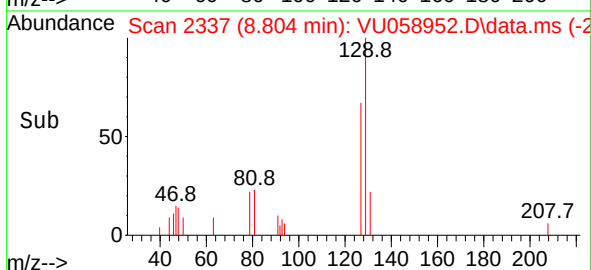
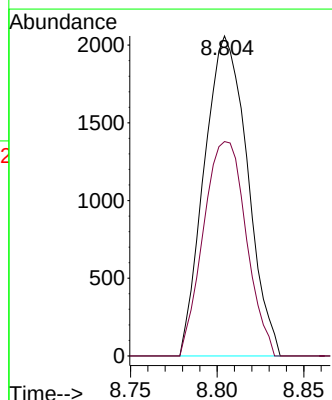
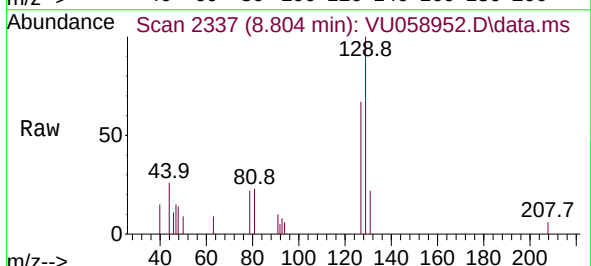
Acq: 23 May 2024 16:43

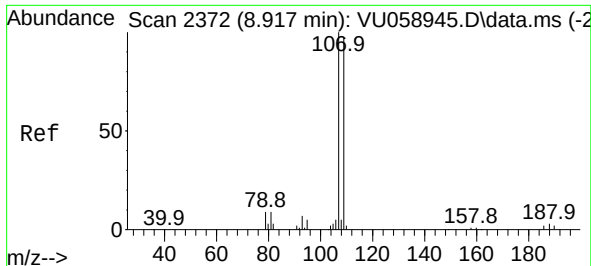
Tgt Ion:129 Resp: 3560

Ion Ratio Lower Upper

129 100

127 67.0 56.8 105.4

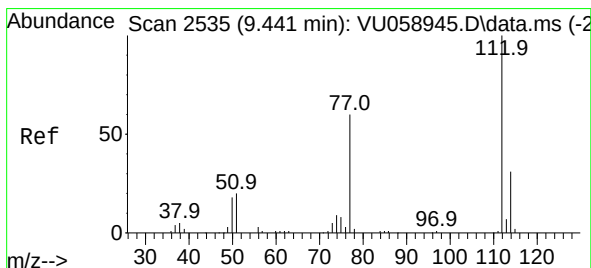
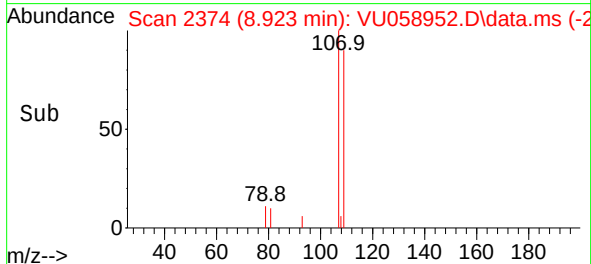
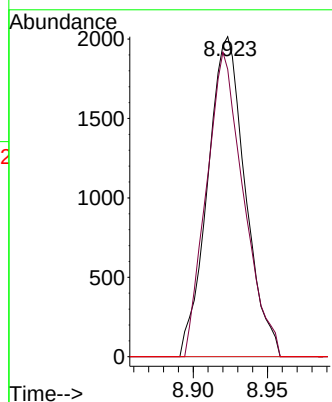
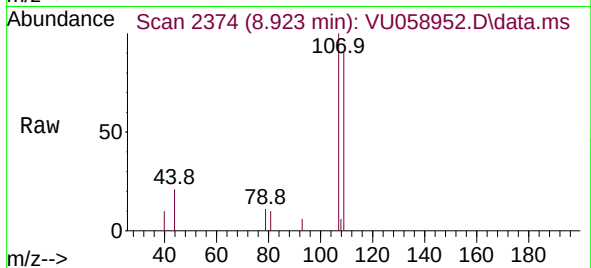




#50
1,2-Dibromoethane
Concen: 2.154 ug/L
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

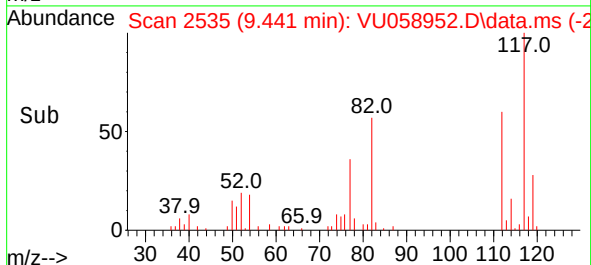
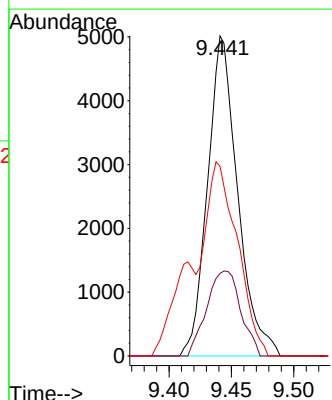
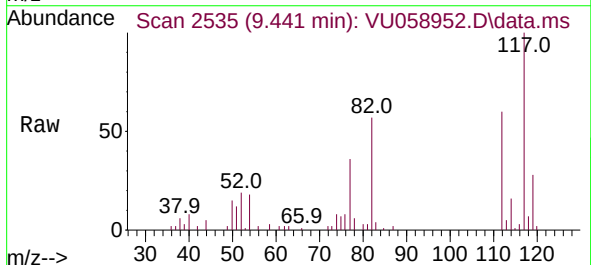
Instrument :
MSVOA_U
ClientSampleId :

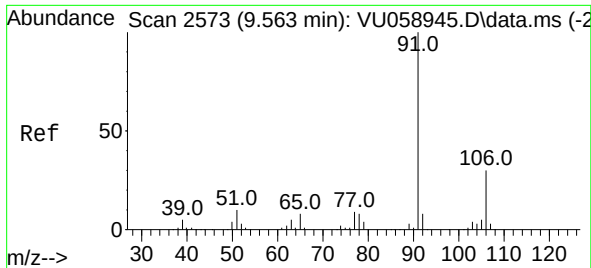
Tgt Ion:107 Resp: 3549
Ion Ratio Lower Upper
107 100
109 89.8 68.0 126.2
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 2.217 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion:112 Resp: 8438
Ion Ratio Lower Upper
112 100
114 25.8 21.8 40.6
77 59.3 48.8 73.2

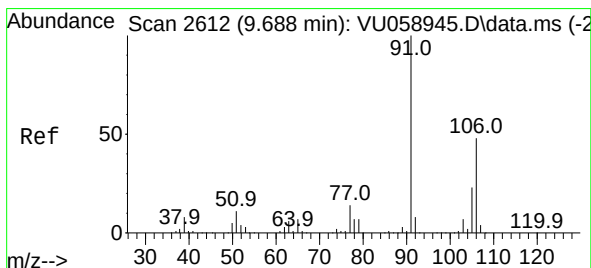
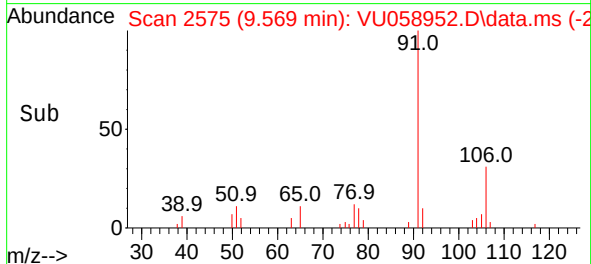
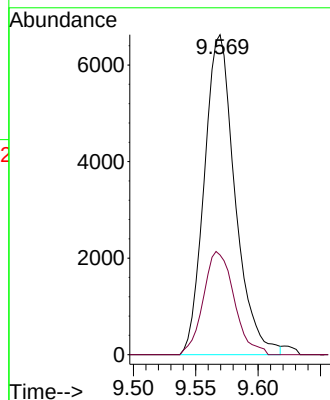
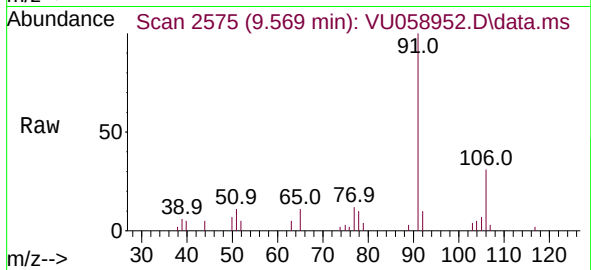




#52
Ethylbenzene
Concen: 1.826 ug/L
RT: 9.569 min Scan# 2573
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

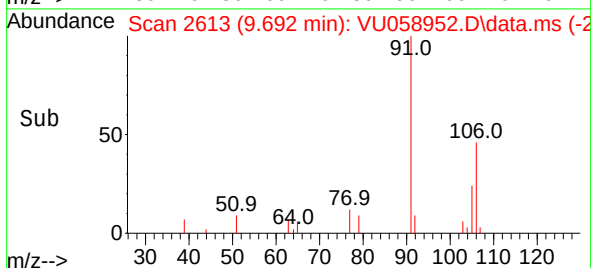
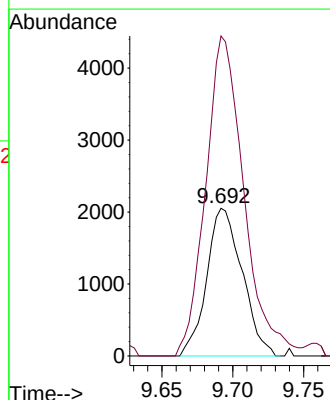
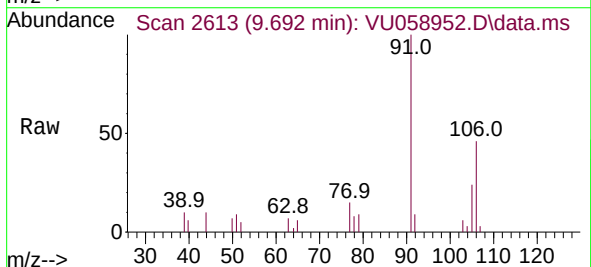
Instrument :
MSVOA_U
ClientSampleId :

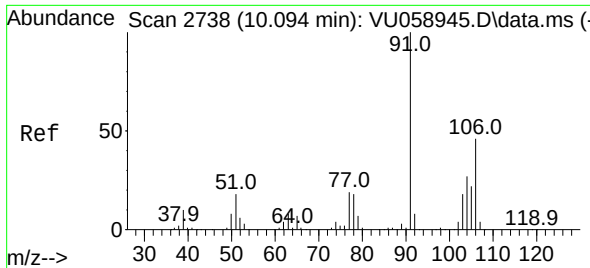
Tgt Ion: 91 Resp: 11379
Ion Ratio Lower Upper
91 100
106 34.5 20.8 38.6



#53
m,p-Xylene
Concen: 1.595 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion:106 Resp: 3572
Ion Ratio Lower Upper
106 100
91 205.2 145.7 270.7

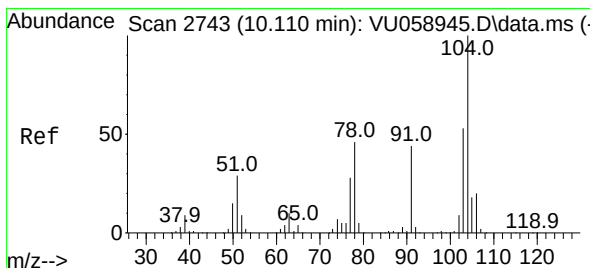
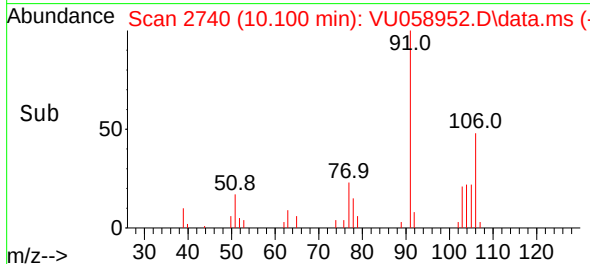
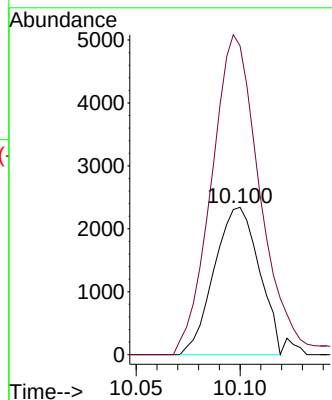
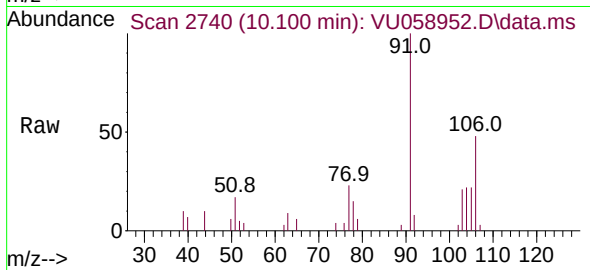




#54
o-Xylene
Concen: 1.570 ug/L
RT: 10.100 min Scan# 2738
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

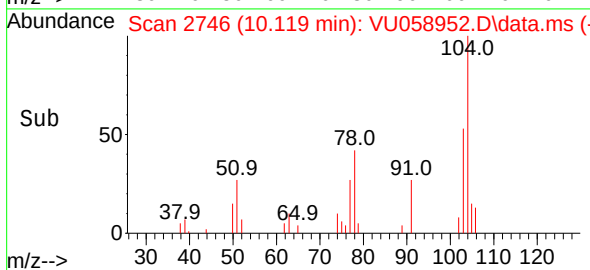
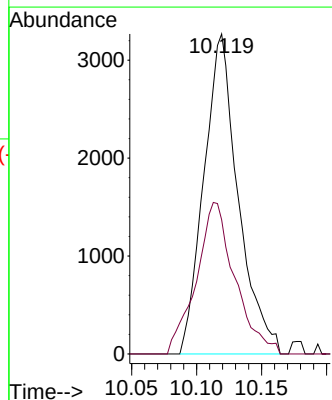
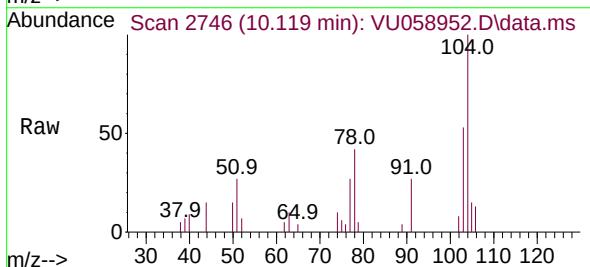
Instrument :
MSVOA_U
ClientSampleId :

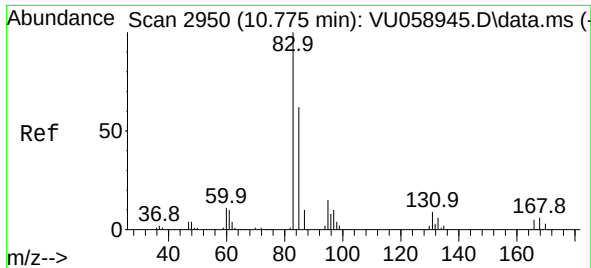
Tgt Ion:106 Resp: 3519
Ion Ratio Lower Upper
106 100
91 209.6 154.0 286.0



#55
Styrene
Concen: 1.497 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.010 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion:104 Resp: 5992
Ion Ratio Lower Upper
104 100
78 47.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 2.283 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

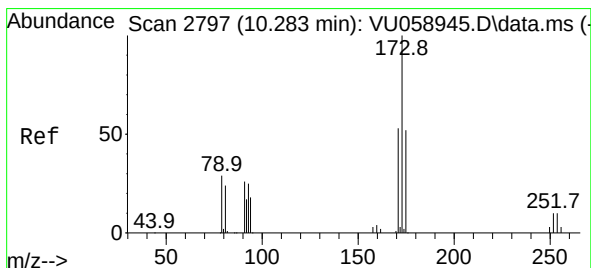
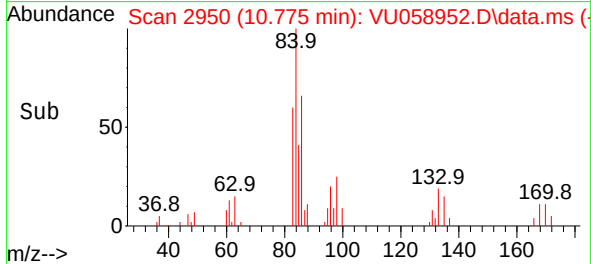
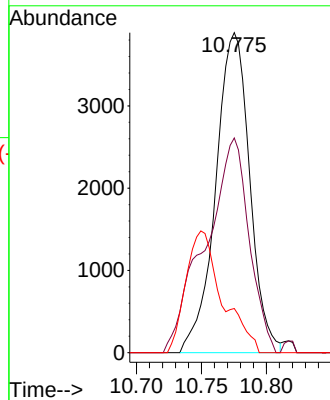
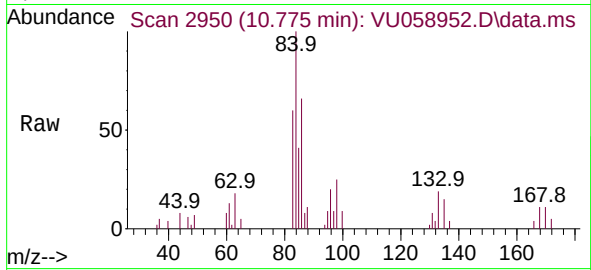
Tgt Ion: 83 Resp: 7092

Ion Ratio Lower Upper

83 100

85 67.1 43.5 80.9

131 13.8 7.1 10.7#



#59

Bromoform

Concen: 2.234 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

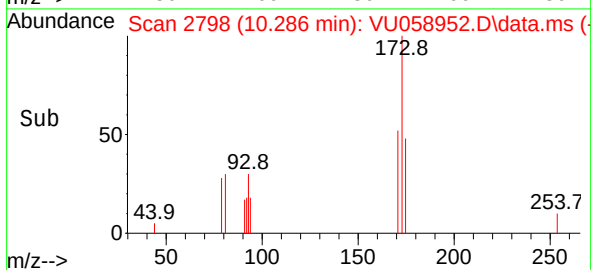
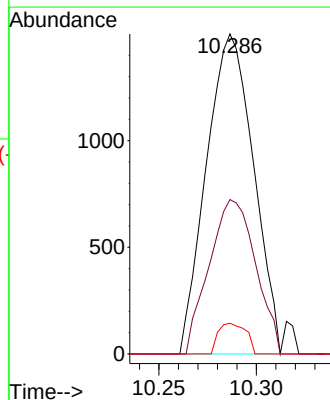
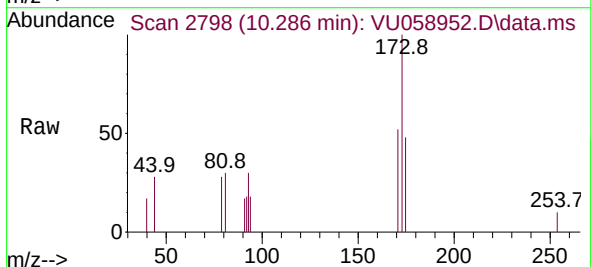
Tgt Ion:173 Resp: 2522

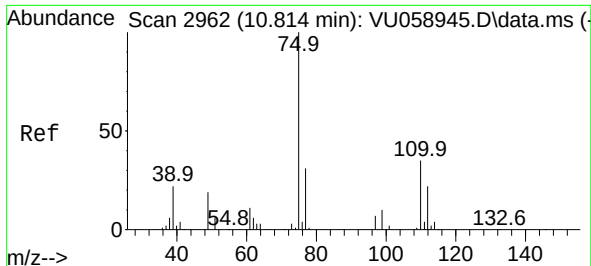
Ion Ratio Lower Upper

173 100

175 47.6 40.6 61.0

254 5.6 7.3 10.9#





#60

1,2,3-Trichloropropane

Concen: 2.367 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.006 min

Lab File: VU058952.D

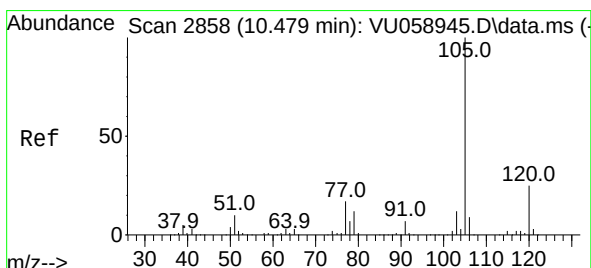
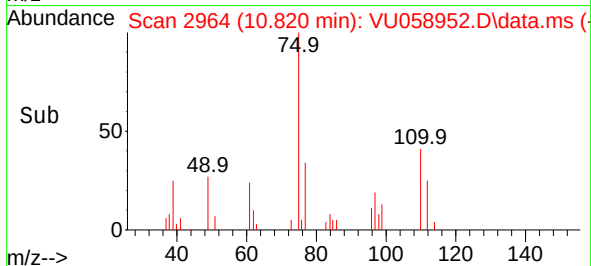
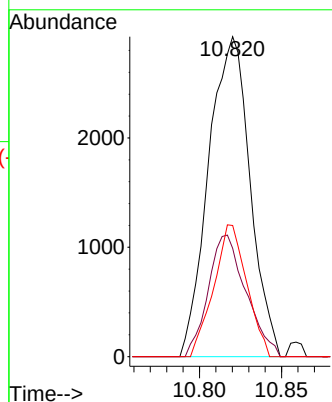
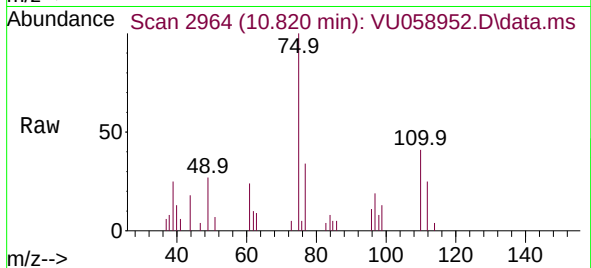
Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	5132
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.8	38.6
110	32.8	28.3	42.5



#61

Isopropylbenzene

Concen: 1.828 ug/L

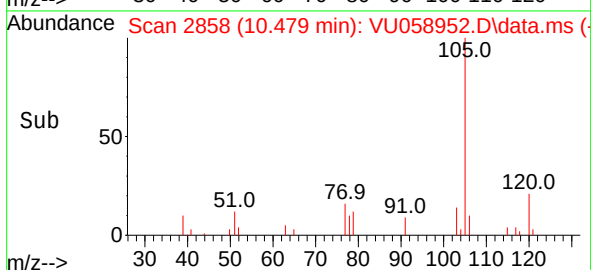
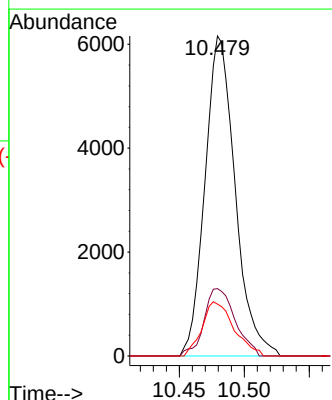
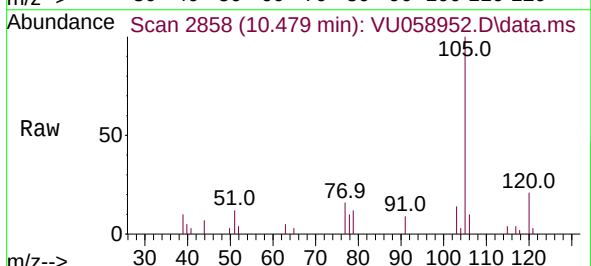
RT: 10.479 min Scan# 2858

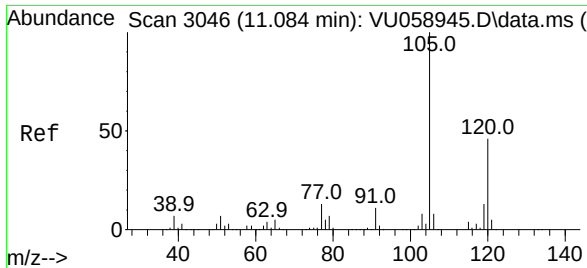
Delta R.T. 0.000 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Tgt Ion:	105	Resp:	9946
Ion	Ratio	Lower	Upper
105	100		
120	21.6	20.0	30.0
77	17.8	13.4	20.0

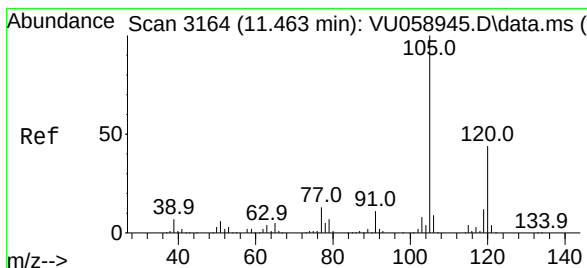
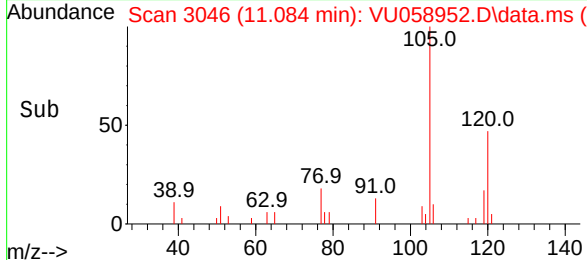
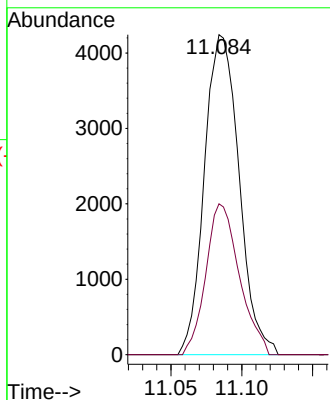
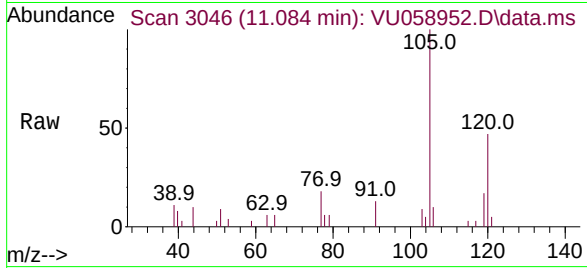




#62
1,3,5-Trimethylbenzene
Concen: 1.683 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

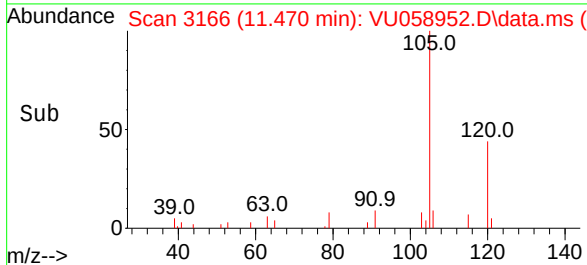
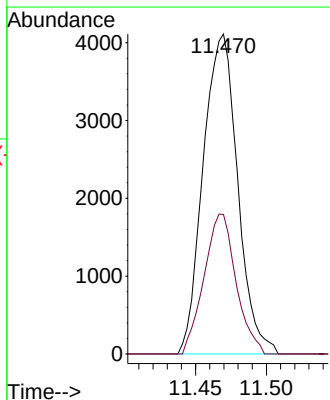
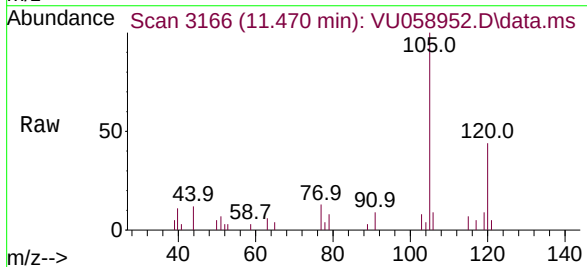
Instrument :
MSVOA_U
ClientSampleId :

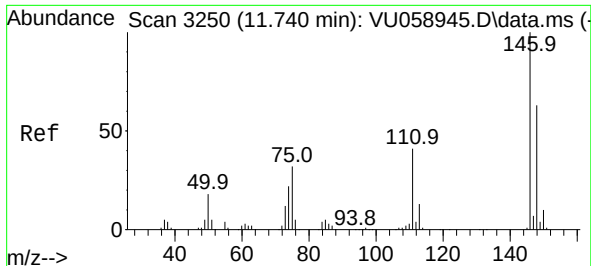
Tgt Ion:105 Resp: 7212
Ion Ratio Lower Upper
105 100
120 45.6 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 1.609 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU058952.D
Acq: 23 May 2024 16:43

Tgt Ion:105 Resp: 6956
Ion Ratio Lower Upper
105 100
120 40.6 35.3 52.9





#64

1,3-Dichlorobenzene

Concen: 2.097 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

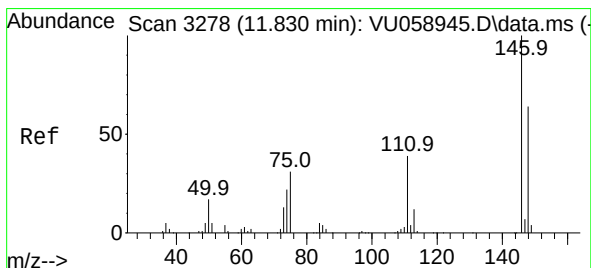
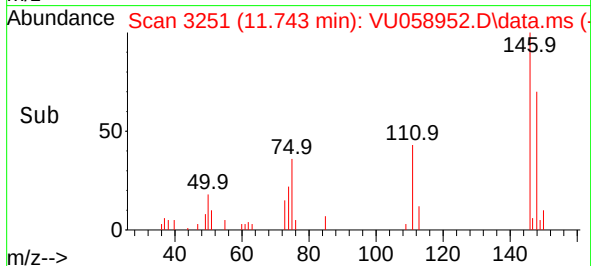
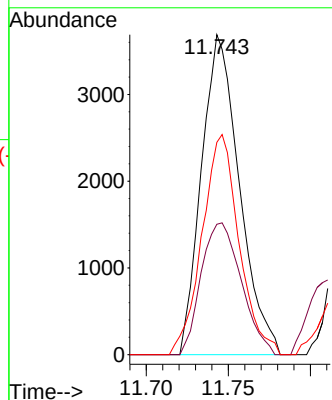
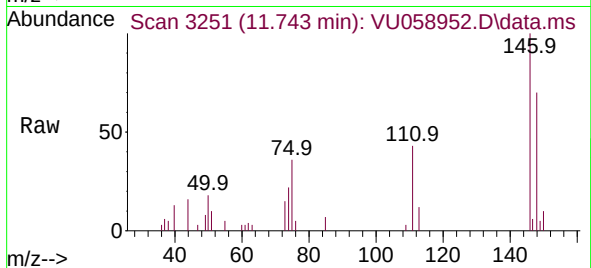
Tgt Ion:146 Resp: 5923

Ion Ratio Lower Upper

146 100

111 40.8 28.6 53.0

148 66.4 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 2.410 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

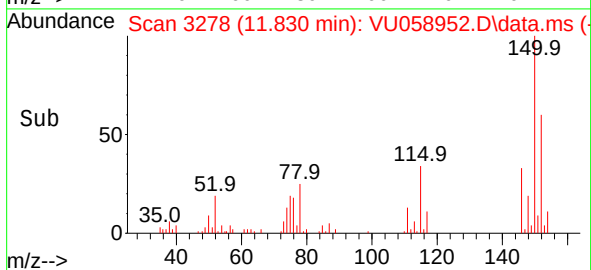
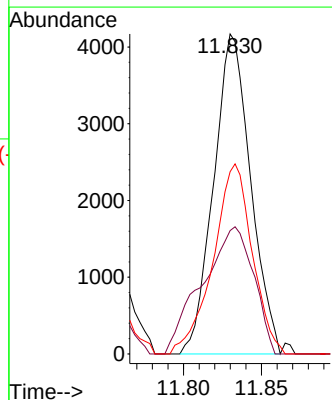
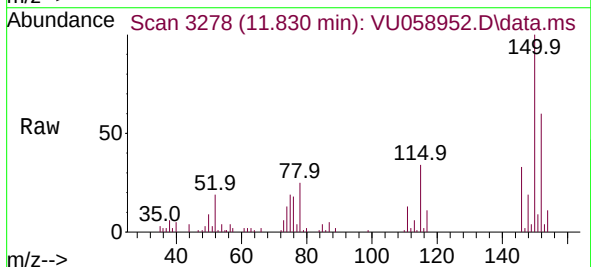
Tgt Ion:146 Resp: 6874

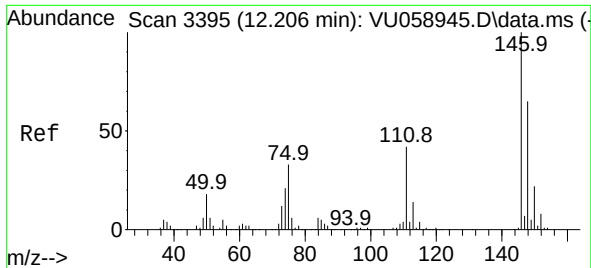
Ion Ratio Lower Upper

146 100

111 38.5 27.3 50.7

148 57.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 2.332 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

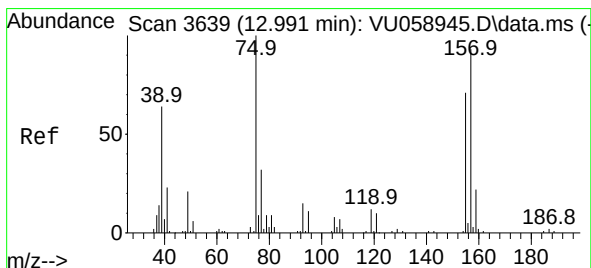
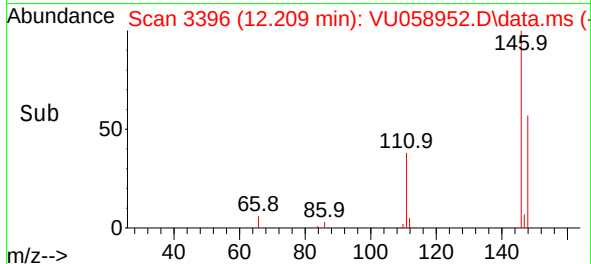
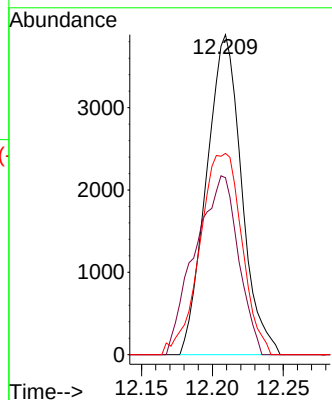
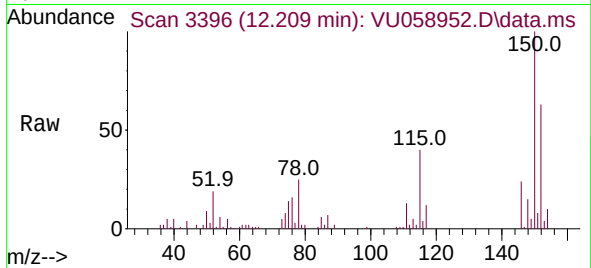
Tgt Ion:146 Resp: 6700

Ion Ratio Lower Upper

146 100

111 58.9 34.1 51.1#

148 59.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.309 ug/L

RT: 13.000 min Scan# 3642

Delta R.T. 0.010 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

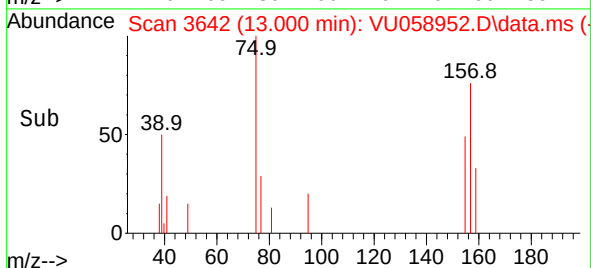
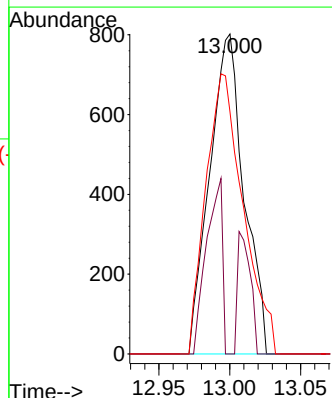
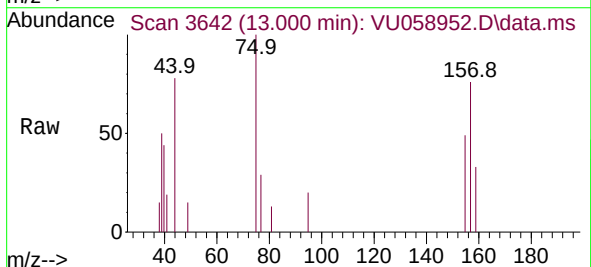
Tgt Ion: 75 Resp: 1354

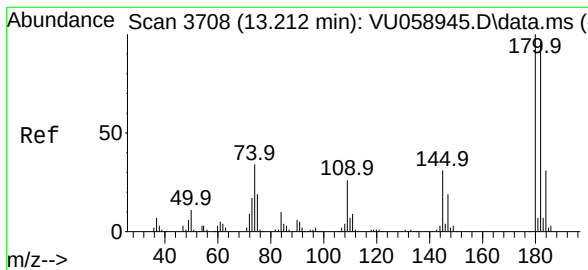
Ion Ratio Lower Upper

75 100

155 0.0 60.2 90.4#

157 75.7 77.2 115.8#





#69

1,3,5-Trichlorobenzene

Concen: 2.011 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

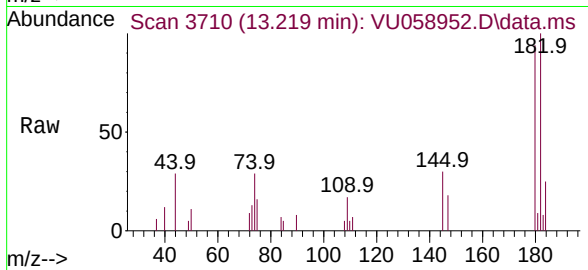
Lab File: VU058952.D

Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4000

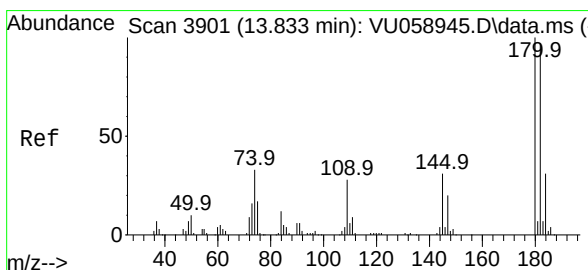
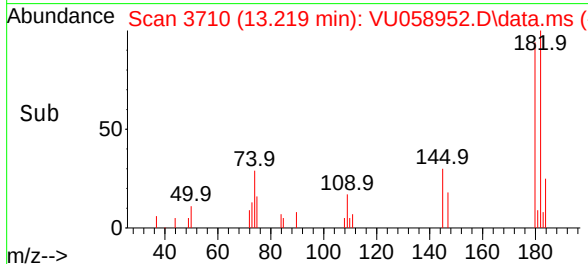
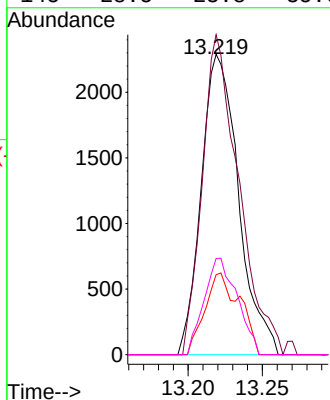
Ion Ratio Lower Upper

180 100

182 103.9 75.7 113.5

184 19.4 24.3 36.5#

145 28.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 2.173 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

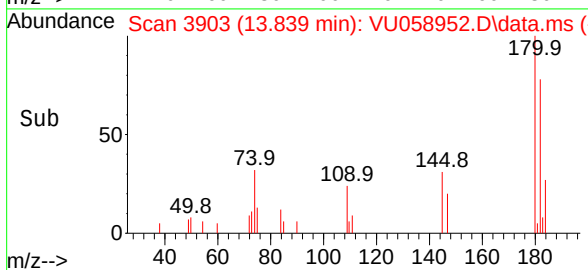
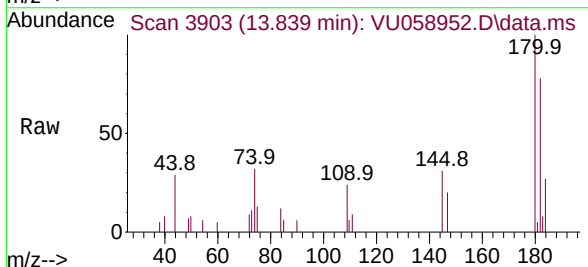
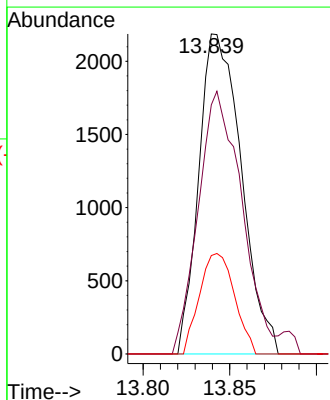
Tgt Ion:180 Resp: 3723

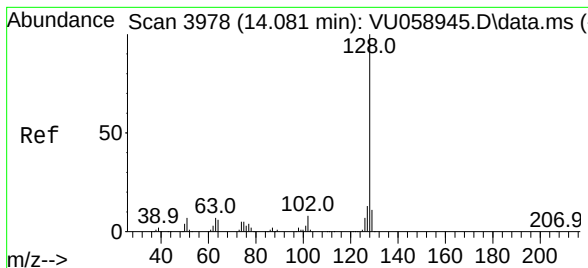
Ion Ratio Lower Upper

180 100

182 83.6 78.6 117.8

145 25.9 24.6 37.0





#71

Naphthalene

Concen: 1.553 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.016 min

Lab File: VU058952.D

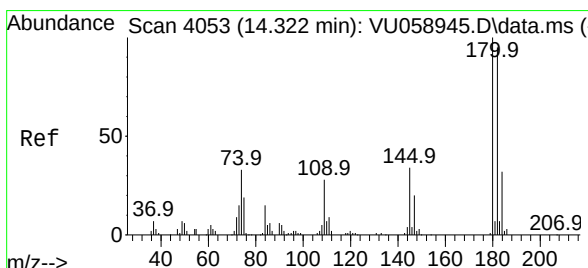
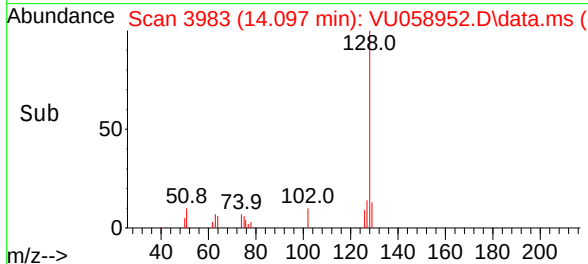
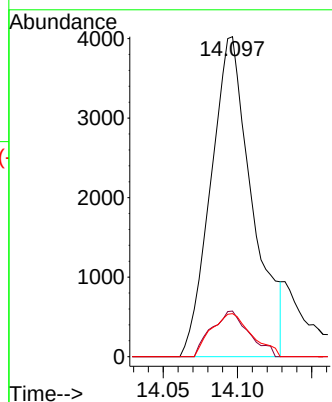
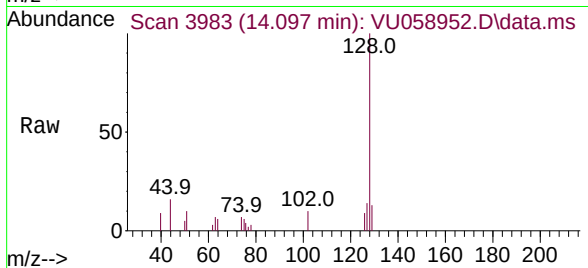
Acq: 23 May 2024 16:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	7760
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.8	16.2
129	13.2	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 1.656 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU058952.D

Acq: 23 May 2024 16:43

Tgt Ion:	180	Resp:	2906
Ion Ratio	Lower	Upper	
180	100		
182	108.5	76.1	114.1
145	36.6	26.2	39.2

