

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058967.D
 Acq On : 24 May 2024 13:42
 Operator : MD/SY
 Sample : P2409-02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177526	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72679	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	89818	47.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.680%
7) Chloroethane-d5	1.908	69	97276	62.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.680%
11) 1,1-Dichloroethene-d2	2.557	63	114369	39.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.740%
21) 2-Butanone-d5	4.621	46	145396	112.735	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.730%
24) Chloroform-d	5.052	84	160113	49.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	5.692	65	103110	52.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.700%
32) Benzene-d6	5.718	84	327857	54.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.740%
36) 1,2-Dichloropropane-d6	6.682	67	108846	55.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.300%
41) Toluene-d8	7.891	98	271220	50.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
43) trans-1,3-Dichloroprop...	8.174	79	42827	48.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.631	63	87926	107.719	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	159927	53.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.720%
66) 1,2-Dichlorobenzene-d4	12.187	152	86033	57.369	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.740%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.380	85	3291	2.771	ug/L 91
3) Chloromethane	1.515	50	4113	3.232	ug/L 82
5) Vinyl chloride	1.599	62	4203	2.828	ug/L # 68
6) Bromomethane	1.853	94	2352	2.670	ug/L 88
8) Chloroethane	1.924	64	4319	4.237	ug/L 97
9) Trichlorofluoromethane	2.126	101	5605	2.773	ug/L 94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4325	3.147	ug/L # 68
12) 1,1-Dichloroethene	2.570	96	3764	3.423	ug/L # 1
13) Acetone	2.641	43	6209	5.460	ug/L 98
14) Carbon disulfide	2.782	76	5598	2.706	ug/L 97
15) Methyl Acetate	2.953	43	5548	3.028	ug/L # 76
16) Methylene chloride	3.033	84	5814	3.314	ug/L 95
17) trans-1,2-Dichloroethene	3.348	96	2728	2.469	ug/L 84
18) Methyl tert-butyl Ether	3.354	73	11986	2.741	ug/L # 93
19) 1,1-Dichloroethane	3.856	63	4658	1.655	ug/L 97
20) cis-1,2-Dichloroethene	4.657	96	3926	2.685	ug/L 97
22) 2-Butanone	4.727	43	6738	4.549	ug/L 74
23) Bromochloromethane	4.972	128	1974	2.589	ug/L 95
27) 1,2-Dichloroethane	5.792	62	6431	2.835	ug/L 96

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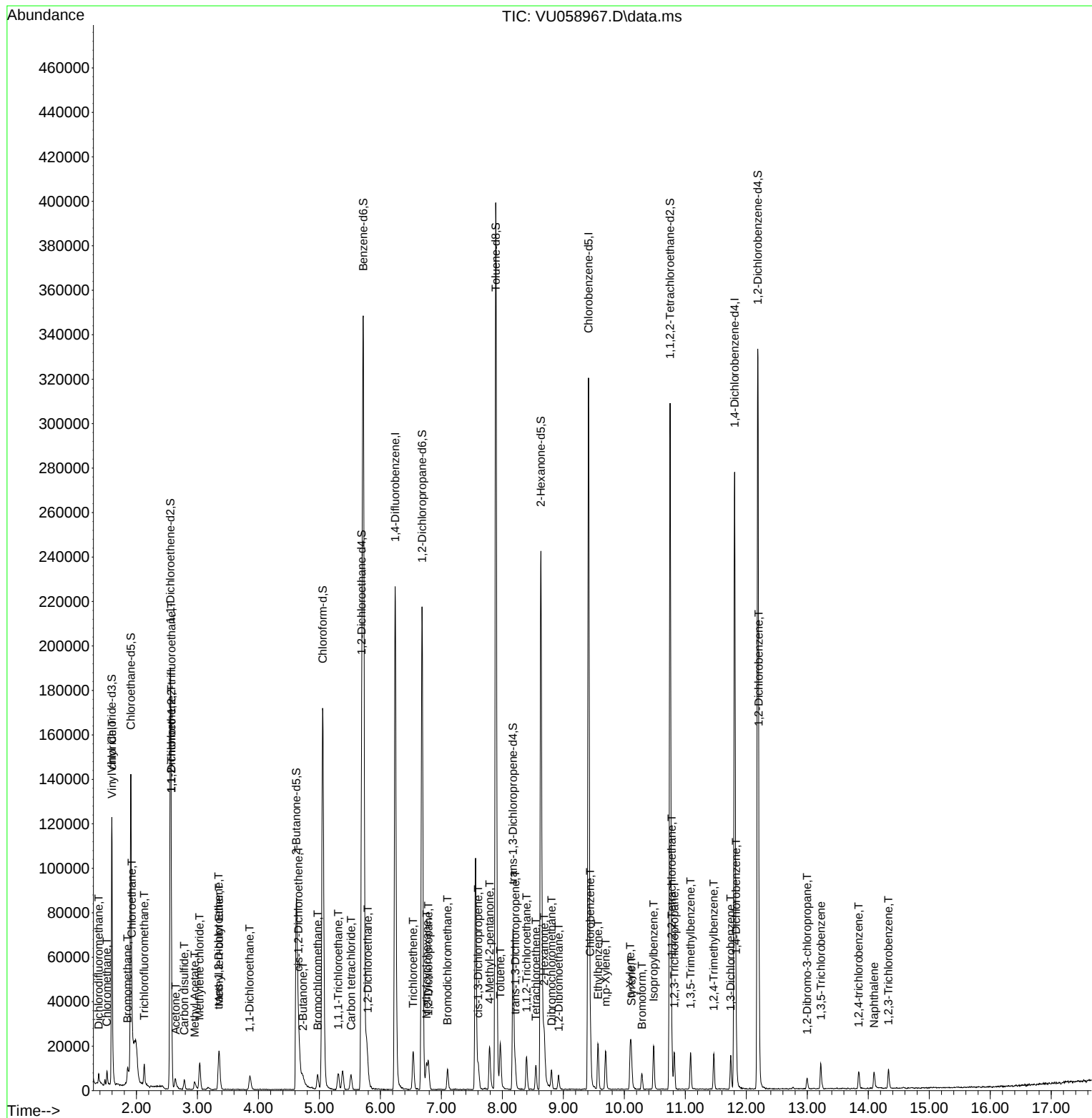
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.309	97	5654	2.688	ug/L	95
31) Carbon tetrachloride	5.518	117	4768	2.806	ug/L	93
34) Trichloroethene	6.534	95	5969	4.268	ug/L	89
35) Methylcyclohexane	6.759	83	4209	2.568	ug/L	92
37) 1,2-Dichloropropane	6.785	63	4977	2.906	ug/L #	93
38) Bromodichloromethane	7.100	83	6460	3.035	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	5919	2.509	ug/L	93
40) 4-Methyl-2-pentanone	7.792	43	14209	5.821	ug/L	98
42) Toluene	7.965	91	14835	2.627	ug/L	87
44) trans-1,3-Dichloropropene	8.210	75	6637	2.972	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	4620	2.733	ug/L	92
46) Tetrachloroethene	8.550	164	2564	2.750	ug/L	91
48) 2-Hexanone	8.685	43	14894	7.410	ug/L	97
49) Dibromochloromethane	8.804	129	4252	2.632	ug/L	93
50) 1,2-Dibromoethane	8.923	107	4427	2.740	ug/L #	97
51) Chlorobenzene	9.441	112	10283	2.754	ug/L	98
52) Ethylbenzene	9.566	91	15034	2.460	ug/L	95
53) m,p-Xylene	9.692	106	5024	2.288	ug/L	96
54) o-Xylene	10.097	106	5162	2.349	ug/L	95
55) Styrene	10.116	104	7329	1.867	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.775	83	9852	3.234	ug/L #	99
59) Bromoform	10.287	173	3398	3.527	ug/L #	91
60) 1,2,3-Trichloropropane	10.817	75	6934	3.749	ug/L	94
61) Isopropylbenzene	10.480	105	12856	2.770	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	9301	2.544	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	9241	2.506	ug/L	95
64) 1,3-Dichlorobenzene	11.743	146	5987	2.485	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	6164	2.533	ug/L	79
67) 1,2-Dichlorobenzene	12.203	146	7420	3.028	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	1533	3.064	ug/L	96
69) 1,3,5-Trichlorobenzene	13.222	180	4213	2.482	ug/L #	87
70) 1,2,4-trichlorobenzene	13.843	180	3184	2.178	ug/L	88
71) Naphthalene	14.094	128	8276	1.941	ug/L #	77
72) 1,2,3-Trichlorobenzene	14.328	180	3349	2.237	ug/L	97

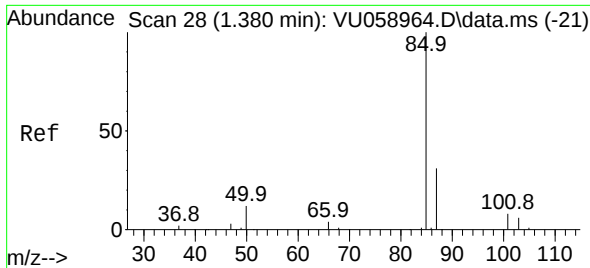
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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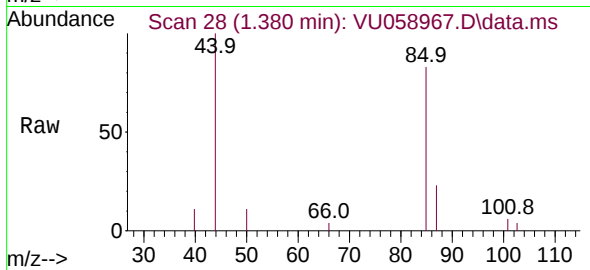
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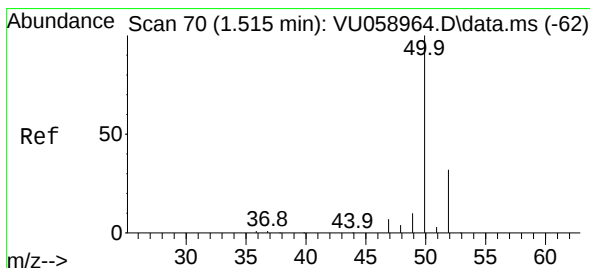
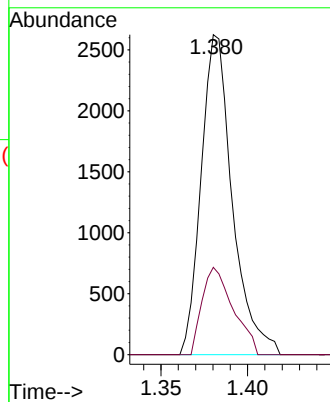
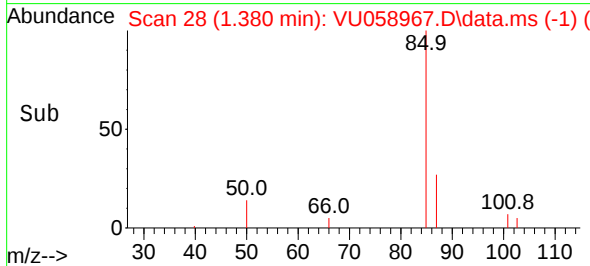


#2
 Dichlorodifluoromethane
 Concen: 2.771 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058967.D
 Acq: 24 May 2024 13:42

Instrument :
 MSVOA_U
 ClientSampleId :

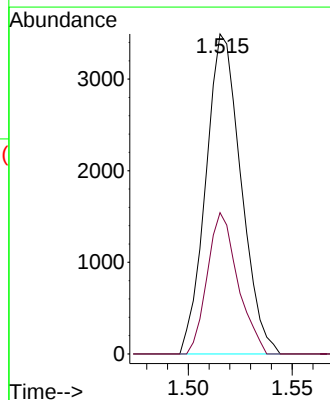
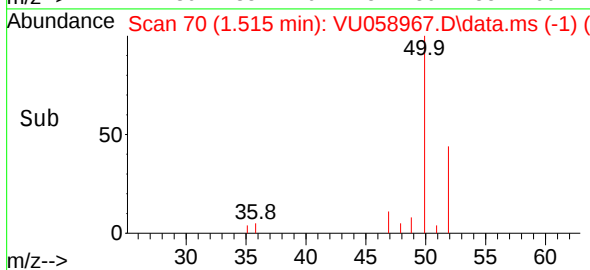
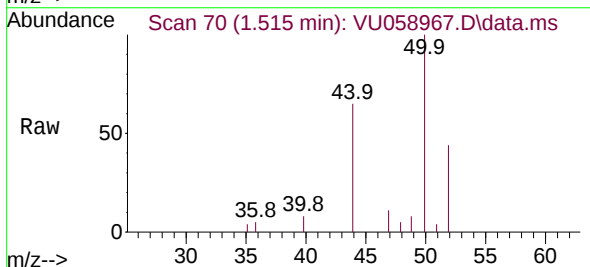


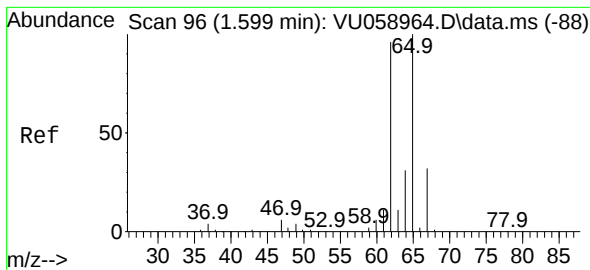
Tgt Ion: 85 Resp: 3291
 Ion Ratio Lower Upper
 85 100
 87 27.1 25.7 38.5



#3
 Chloromethane
 Concen: 3.232 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058967.D
 Acq: 24 May 2024 13:42

Tgt Ion: 50 Resp: 4113
 Ion Ratio Lower Upper
 50 100
 52 44.1 23.9 44.3





#5

Vinyl chloride

Concen: 2.828 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

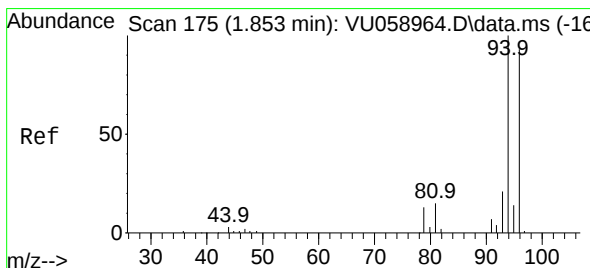
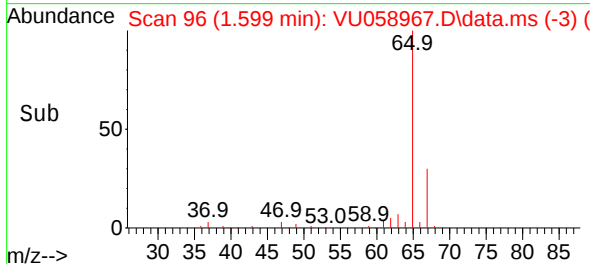
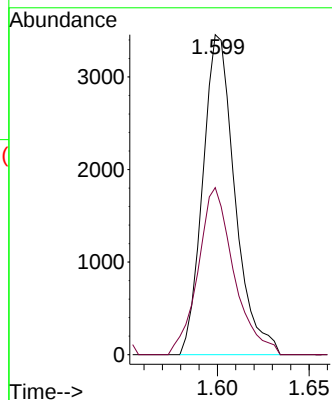
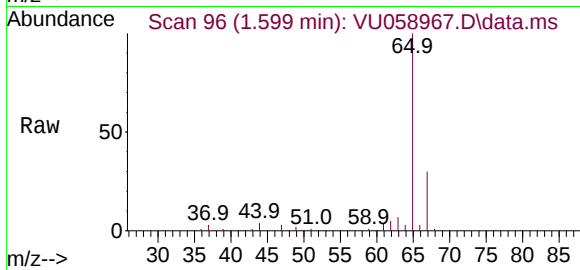
ClientSampleId :

Tgt Ion: 62 Resp: 4203

Ion Ratio Lower Upper

62 100

64 52.2 23.7 43.9#



#6

Bromomethane

Concen: 2.670 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058967.D

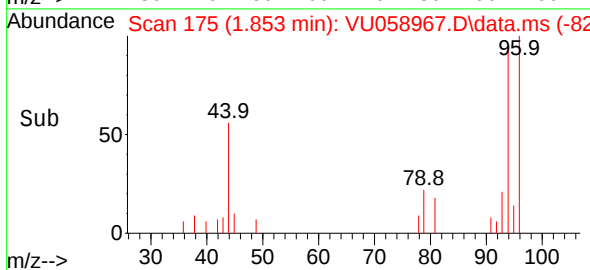
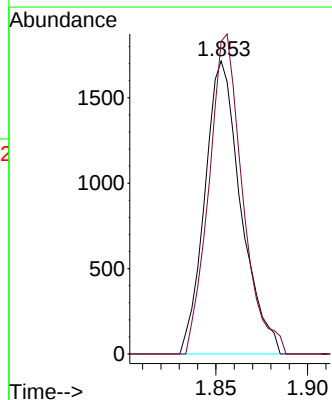
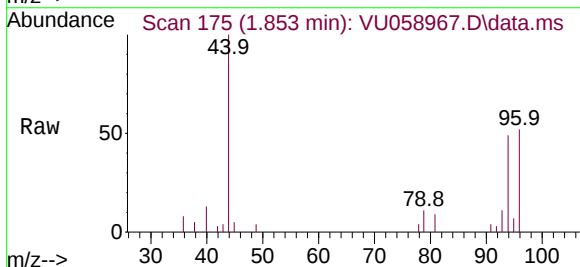
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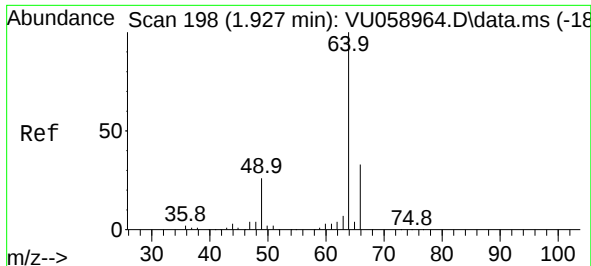
Tgt Ion: 94 Resp: 2352

Ion Ratio Lower Upper

94 100

96 106.6 66.6 123.6





#8

Chloroethane

Concen: 4.237 ug/L

RT: 1.924 min Scan# 198

Delta R.T. -0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

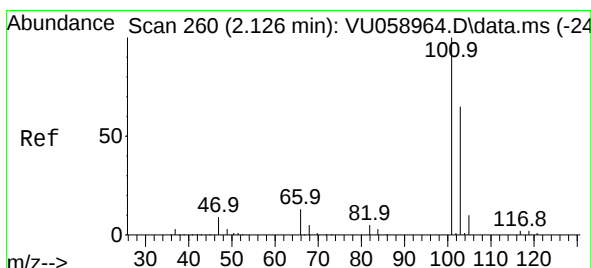
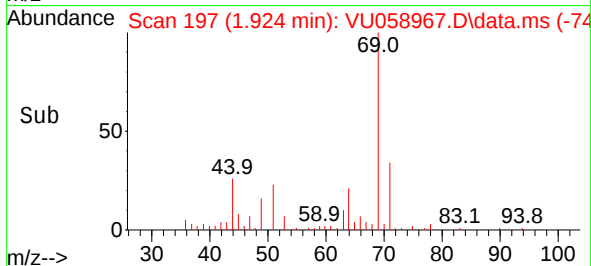
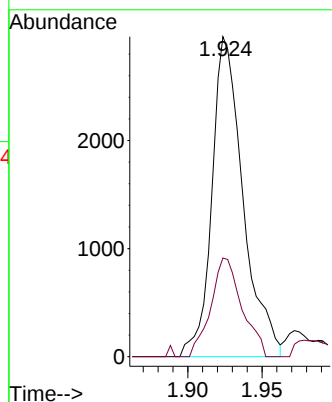
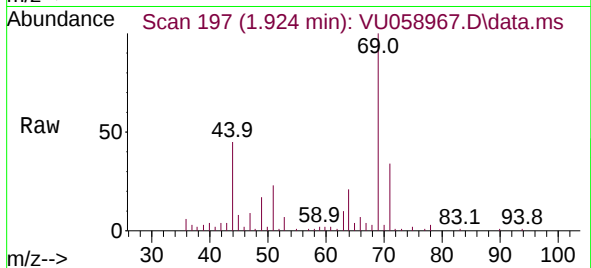
ClientSampleId :

Tgt Ion: 64 Resp: 4319

Ion Ratio Lower Upper

64 100

66 30.8 22.7 42.1



#9

Trichlorofluoromethane

Concen: 2.773 ug/L

RT: 2.126 min Scan# 260

Delta R.T. -0.000 min

Lab File: VU058967.D

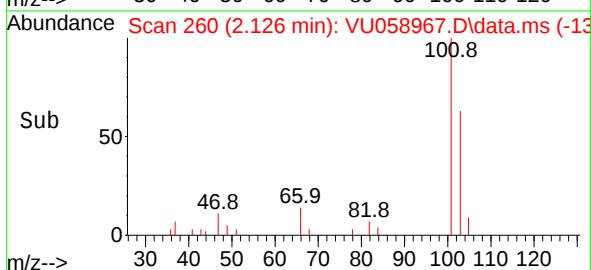
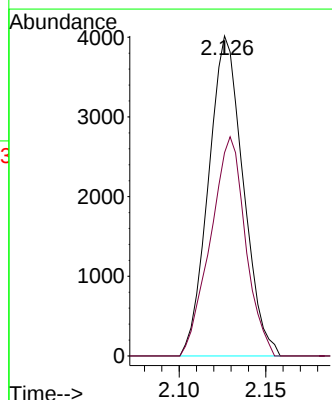
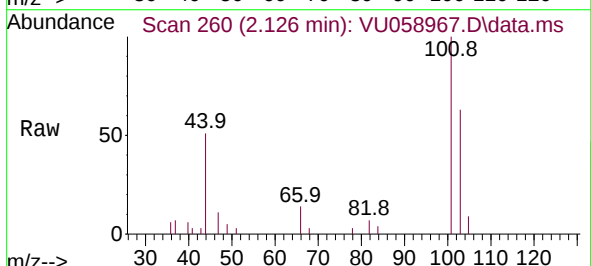
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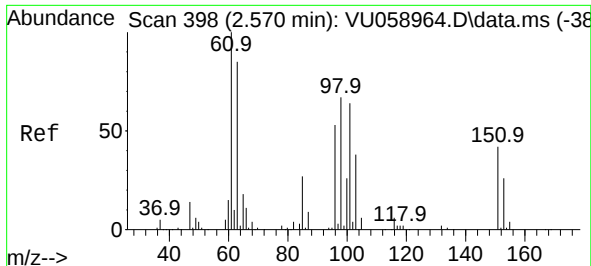
Tgt Ion:101 Resp: 5605

Ion Ratio Lower Upper

101 100

103 69.0 51.6 77.4

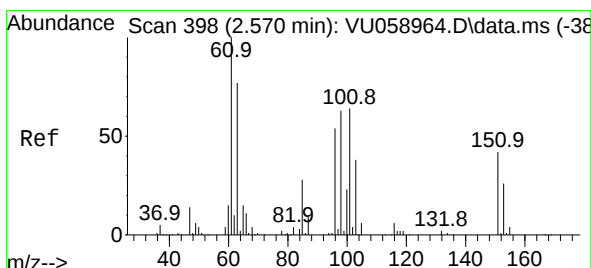
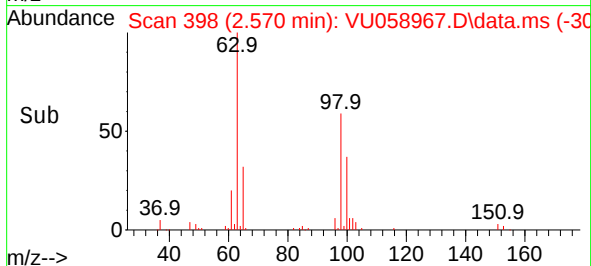
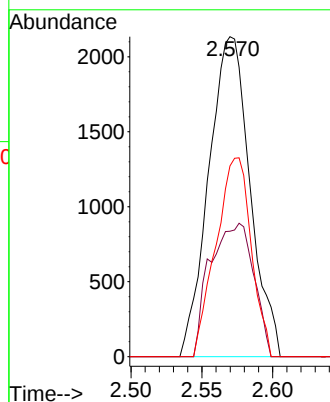
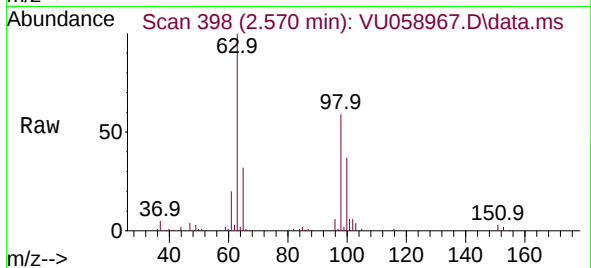




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.147 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU058967.D
 Acq: 24 May 2024 13:42

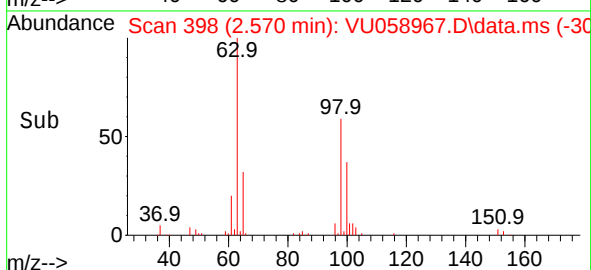
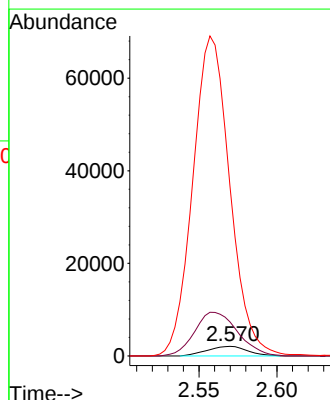
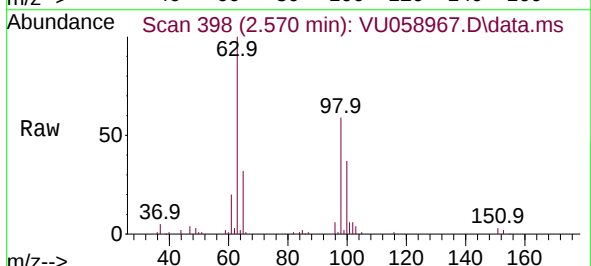
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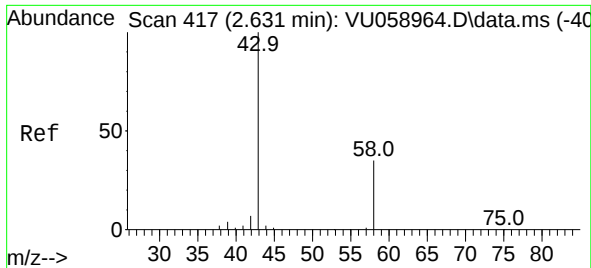
Tgt Ion:101 Resp: 4325
 Ion Ratio Lower Upper
 101 100
 85 8.7 34.9 52.3#
 151 53.1 54.5 81.7#



#12
 1,1-Dichloroethene
 Concen: 3.423 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU058967.D
 Acq: 24 May 2024 13:42

Tgt Ion: 96 Resp: 3764
 Ion Ratio Lower Upper
 96 100
 61 352.2 122.2 227.0#
 63 1754.4 102.8 190.8#





#13

Acetone

Concen: 5.460 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

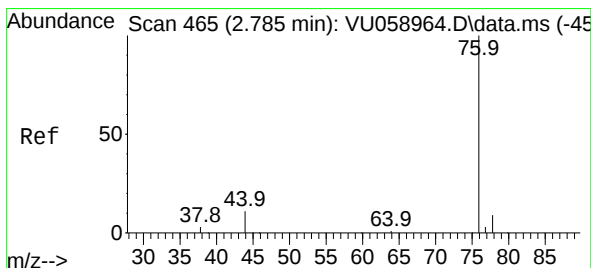
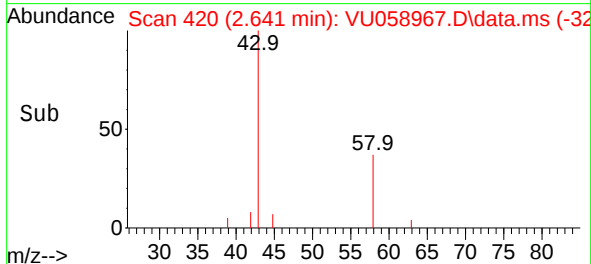
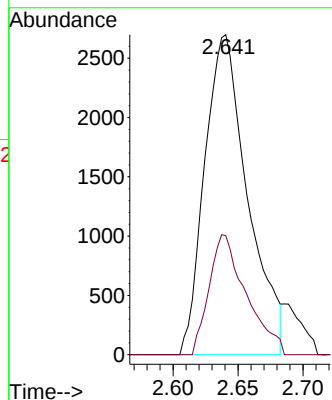
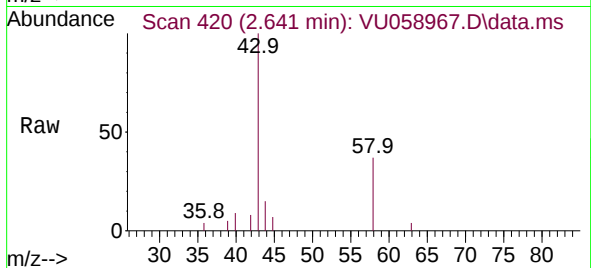
ClientSampleId :

Tgt Ion: 43 Resp: 6209

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.2



#14

Carbon disulfide

Concen: 2.706 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU058967.D

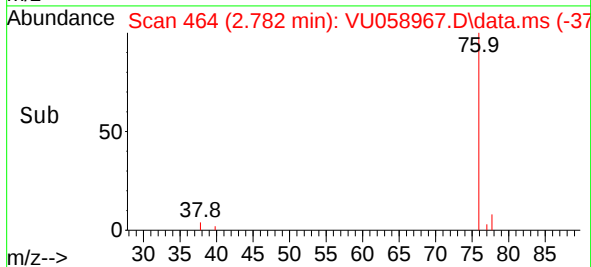
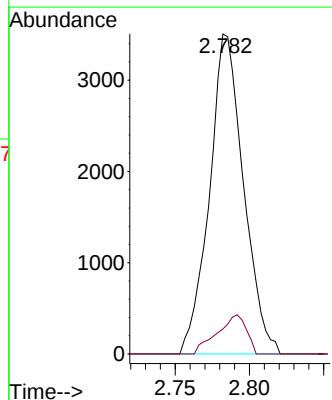
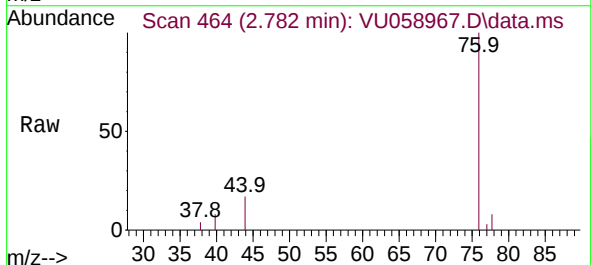
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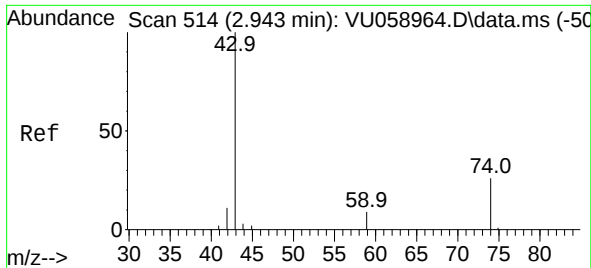
Tgt Ion: 76 Resp: 5598

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7





#15

Methyl Acetate

Concen: 3.028 ug/L

RT: 2.953 min Scan# 514

Delta R.T. 0.009 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

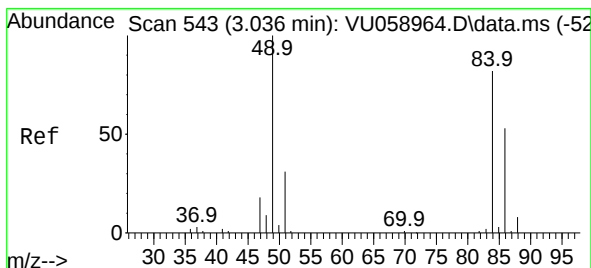
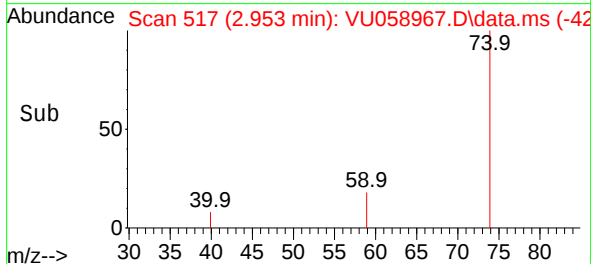
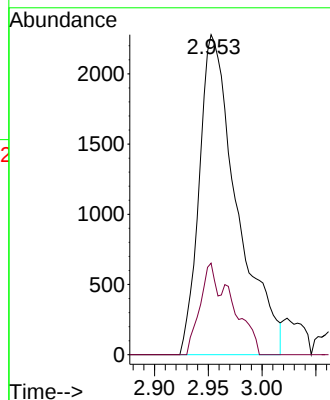
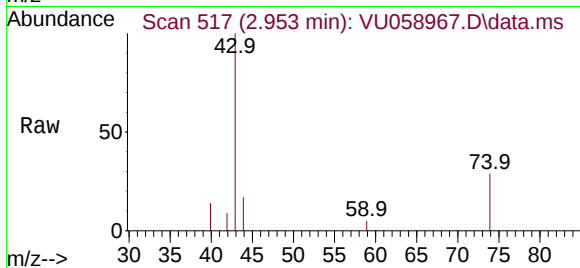
ClientSampleId :

Tgt Ion: 43 Resp: 5548

Ion Ratio Lower Upper

43 100

74 12.7 19.8 29.8#



#16

Methylene chloride

Concen: 3.314 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

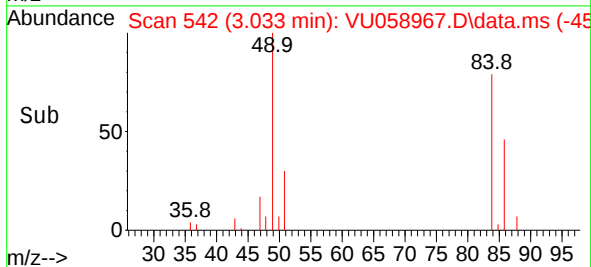
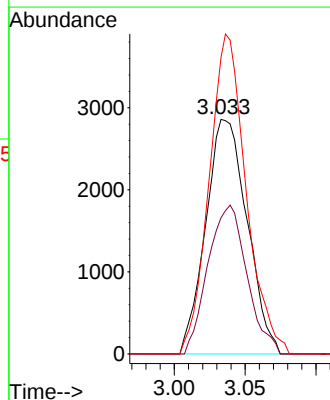
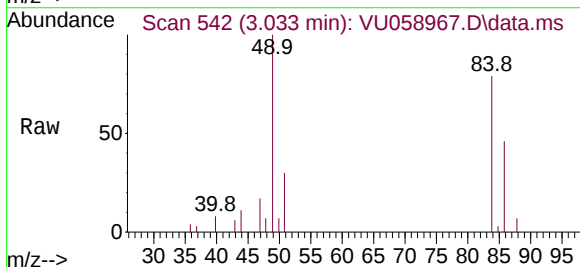
Tgt Ion: 84 Resp: 5814

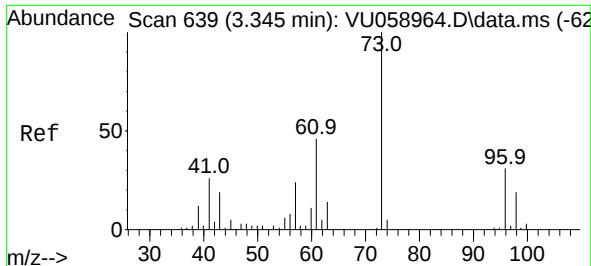
Ion Ratio Lower Upper

84 100

86 58.0 44.9 83.5

49 126.4 85.4 158.6





#17

trans-1,2-Dichloroethene

Concen: 2.469 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

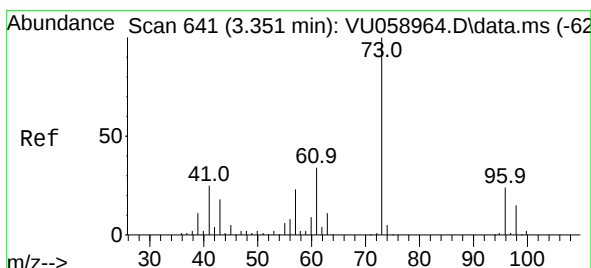
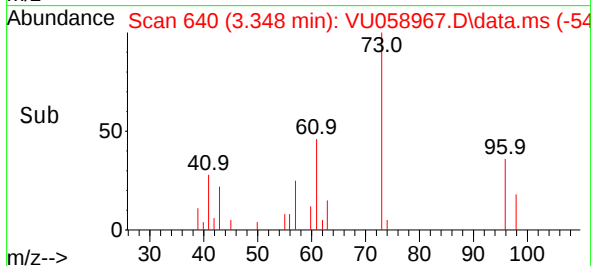
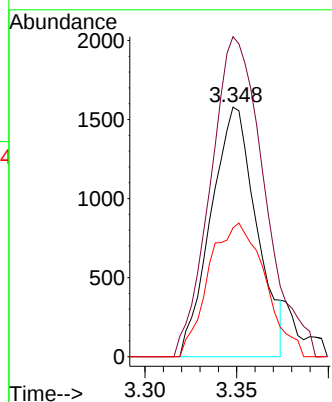
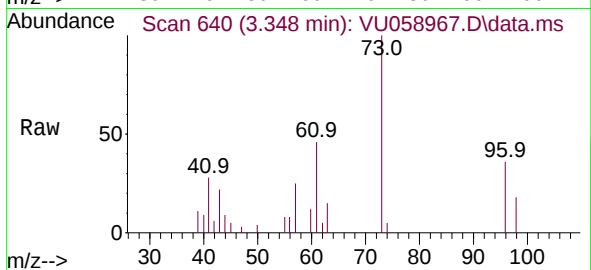
Tgt Ion: 96 Resp: 2728

Ion Ratio Lower Upper

96 100

61 128.2 103.5 192.1

98 51.6 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 2.741 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

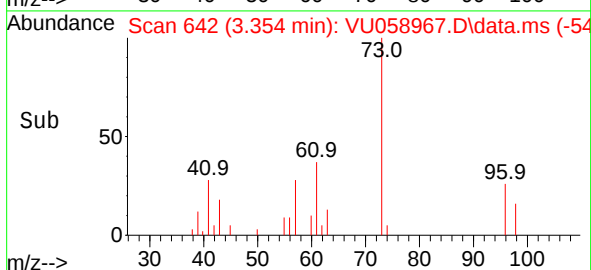
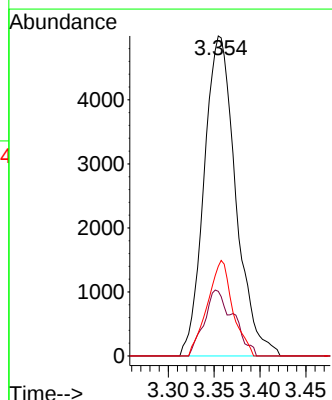
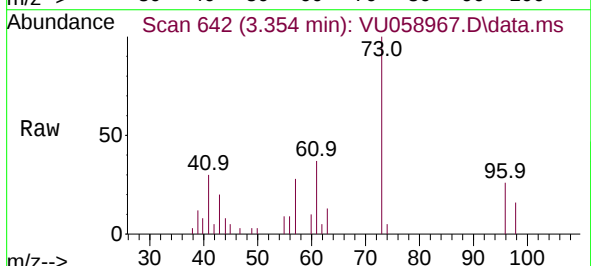
Tgt Ion: 73 Resp: 11986

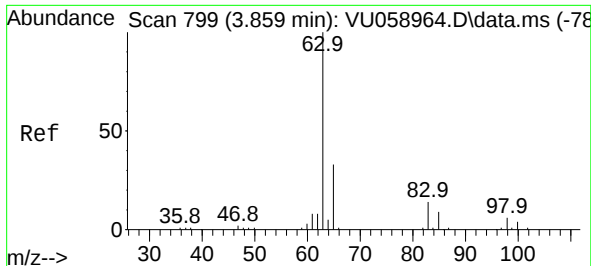
Ion Ratio Lower Upper

73 100

43 13.4 15.4 23.2#

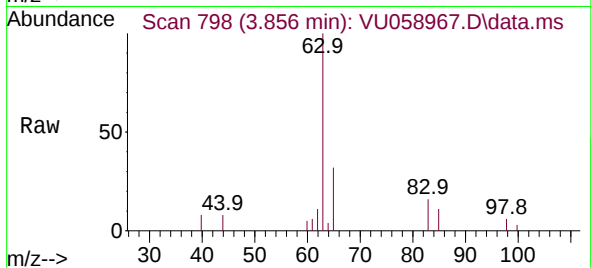
57 23.9 18.6 27.8



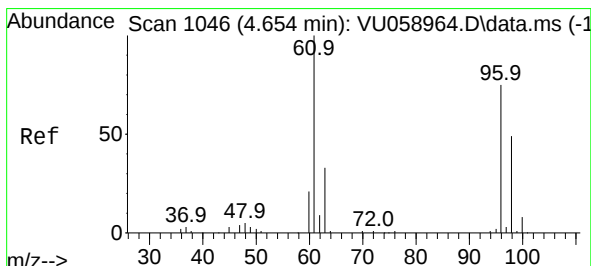
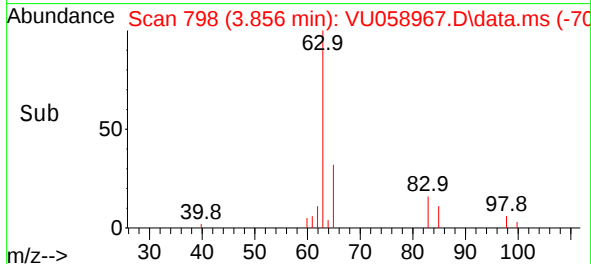
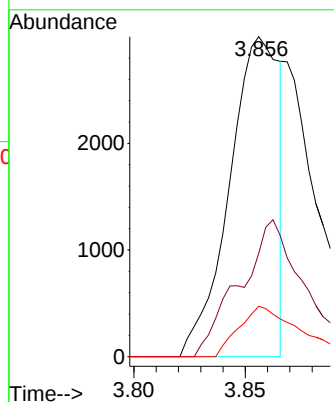


#19
1,1-Dichloroethane
Concen: 1.655 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Instrument :
MSVOA_U
ClientSampleId :

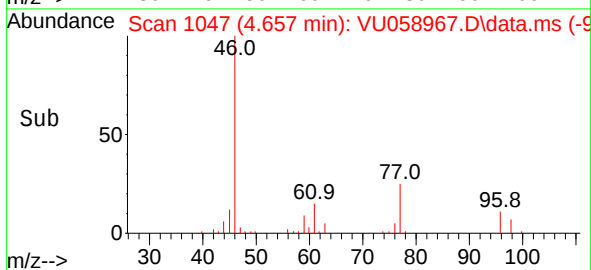
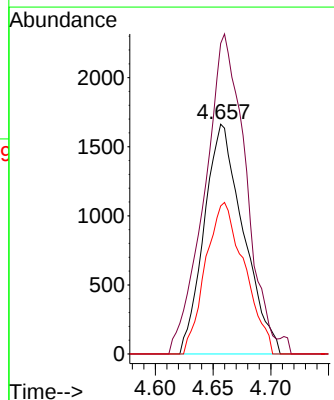
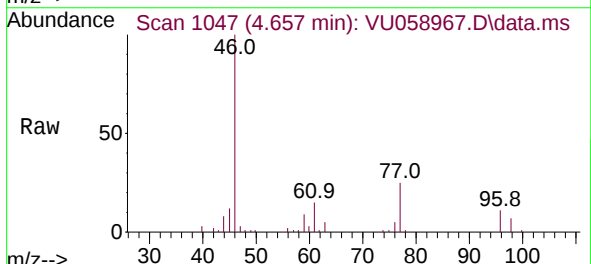


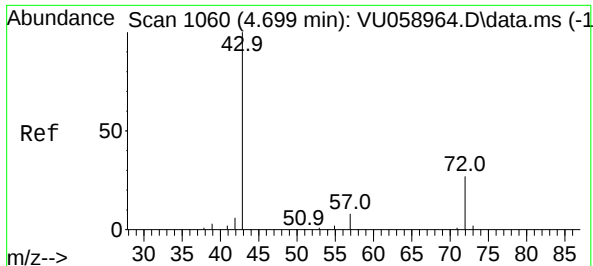
Tgt Ion: 63 Resp: 4658
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 15.7 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 2.685 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion: 96 Resp: 3926
Ion Ratio Lower Upper
96 100
61 135.2 91.1 169.3
98 64.4 44.4 82.4

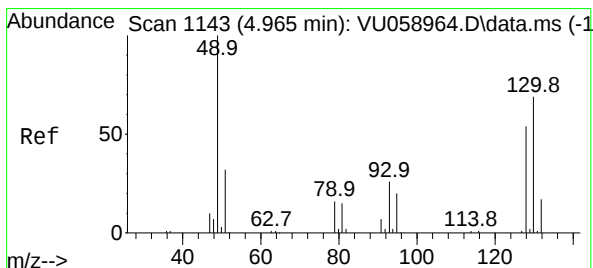
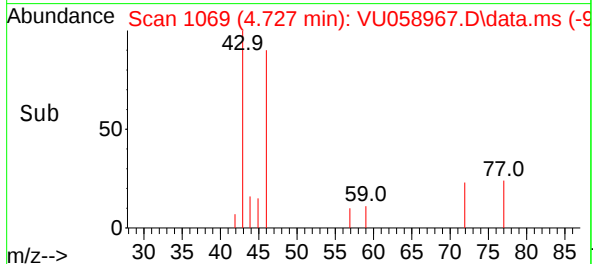
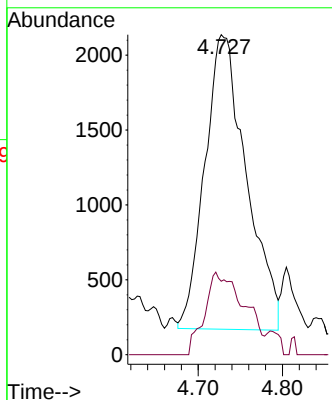
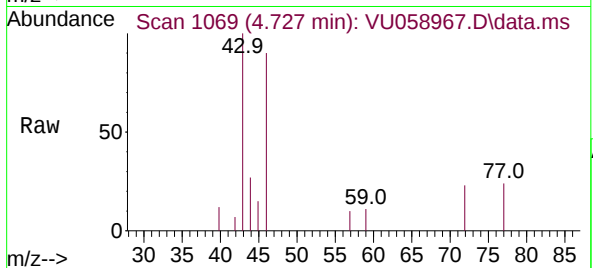




#22
2-Butanone
Concen: 4.549 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.029 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

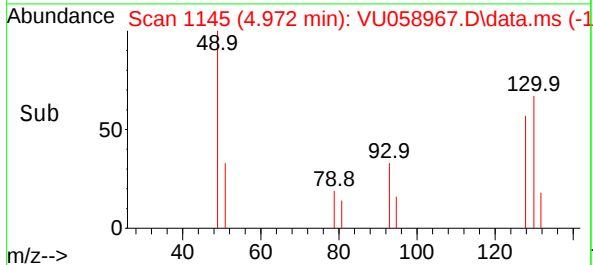
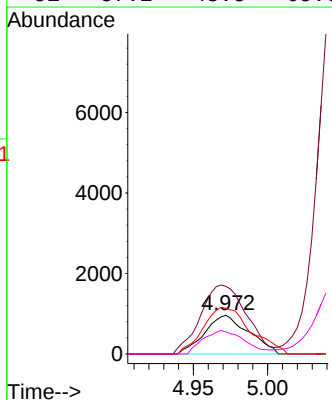
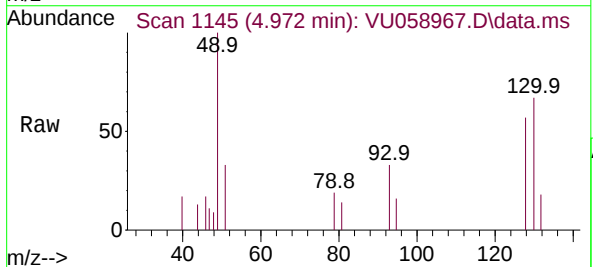
Instrument :
MSVOA_U
ClientSampleId :

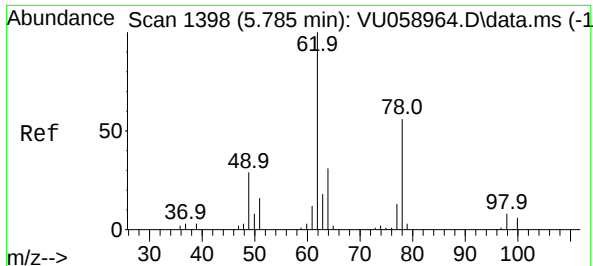
Tgt Ion: 43 Resp: 6738
Ion Ratio Lower Upper
43 100
72 14.2 13.9 41.7



#23
Bromochloromethane
Concen: 2.589 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion:128 Resp: 1974
Ion Ratio Lower Upper
128 100
49 175.1 123.8 229.8
130 118.1 90.6 168.2
51 57.2 43.8 65.6

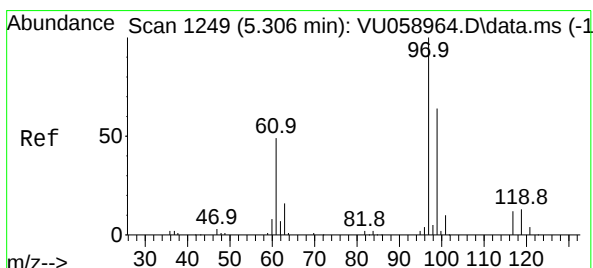
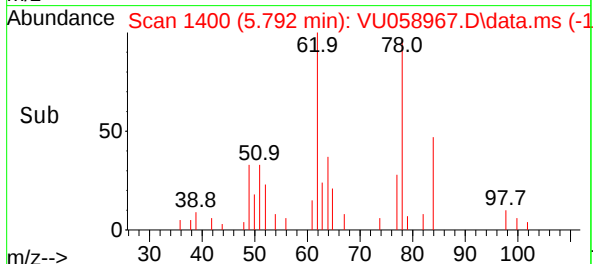
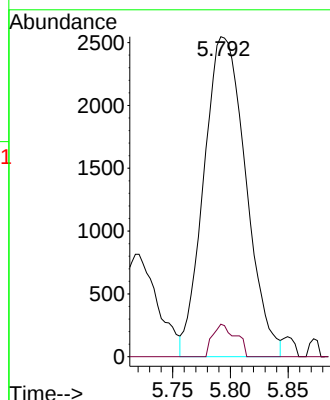
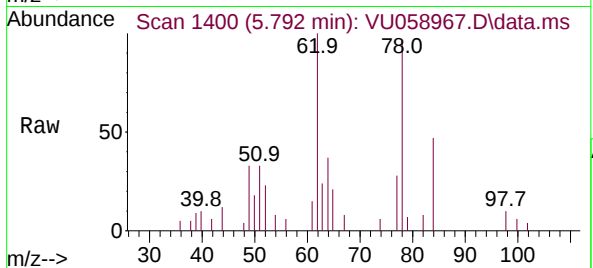




#27
1,2-Dichloroethane
Concen: 2.835 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

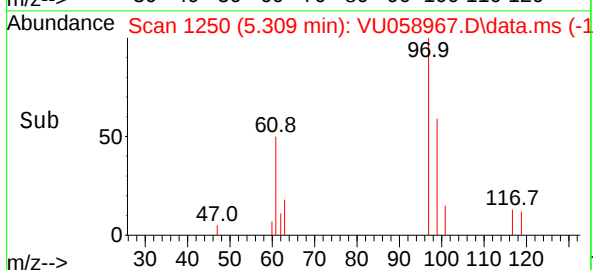
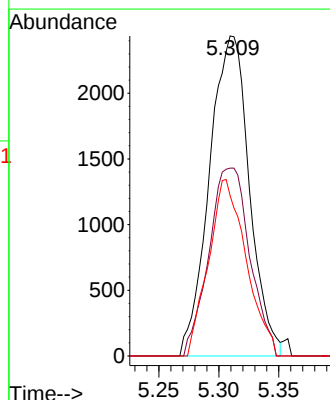
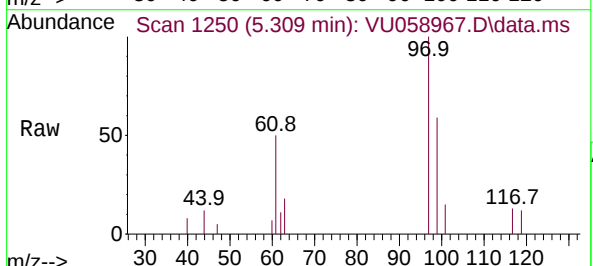
Instrument :
MSVOA_U
ClientSampleId :

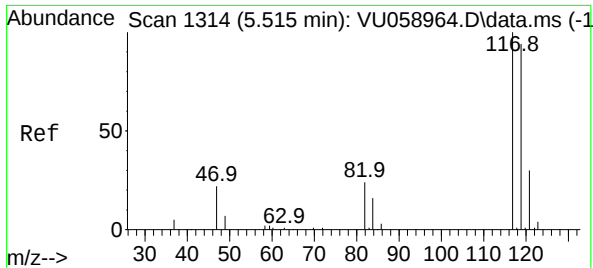
Tgt Ion: 62 Resp: 6431
Ion Ratio Lower Upper
62 100
98 10.2 7.0 10.4



#30
1,1,1-Trichloroethane
Concen: 2.688 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion: 97 Resp: 5654
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.8
61 51.7 38.9 58.3

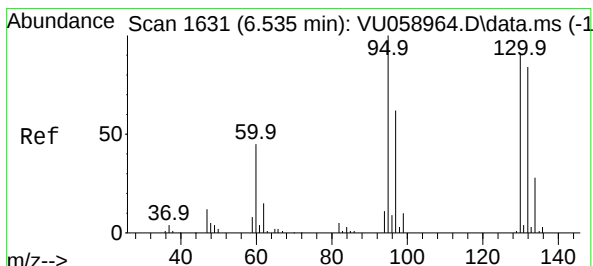
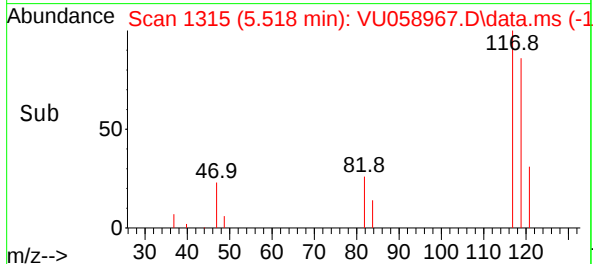
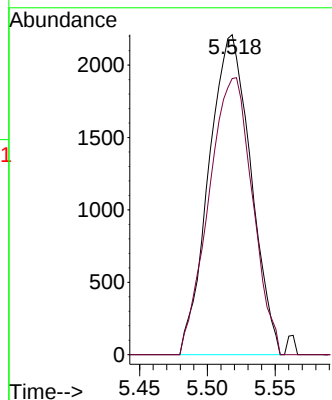
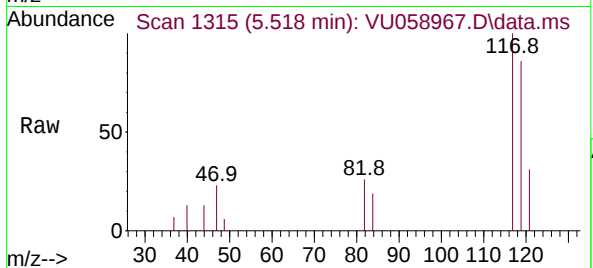




#31
Carbon tetrachloride
Concen: 2.806 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

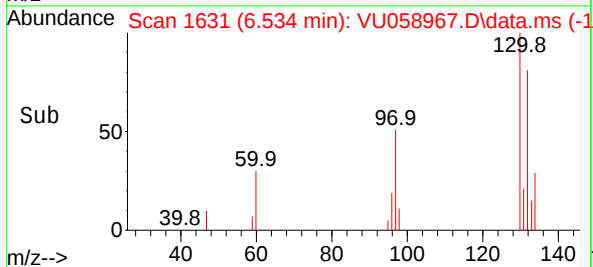
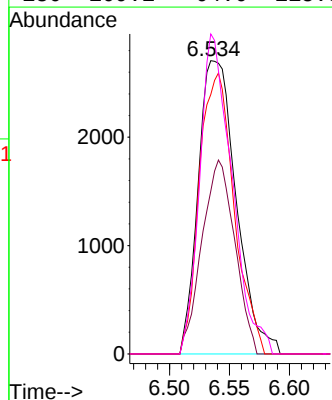
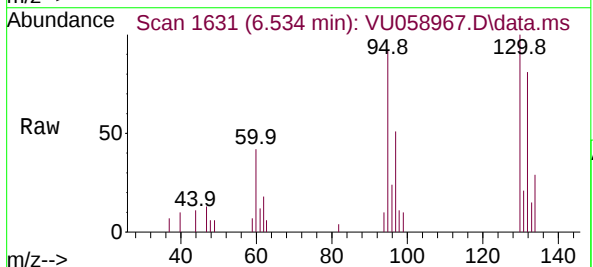
Instrument :
MSVOA_U
ClientSampleId :

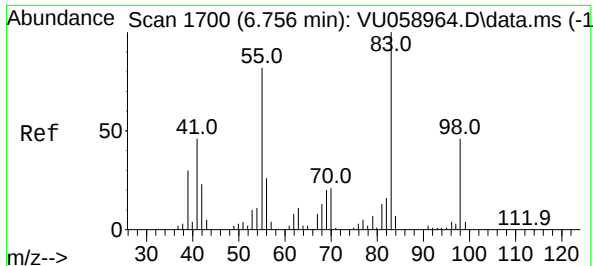
Tgt Ion:117 Resp: 4768
Ion Ratio Lower Upper
117 100
119 89.8 77.4 116.0



#34
Trichloroethene
Concen: 4.268 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion: 95 Resp: 5969
Ion Ratio Lower Upper
95 100
97 55.5 45.9 85.3
132 88.4 60.5 112.5
130 109.1 64.0 118.8





#35

Methylcyclohexane

Concen: 2.568 ug/L

RT: 6.759 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

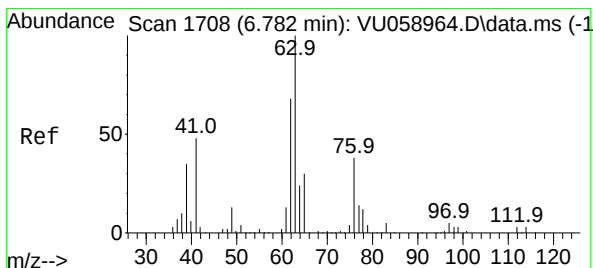
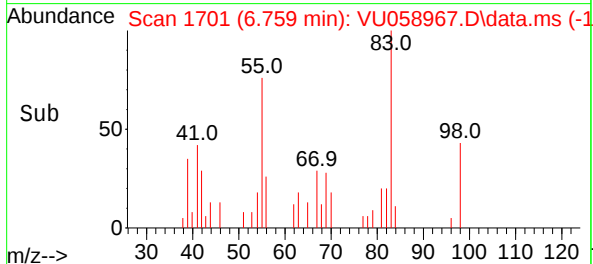
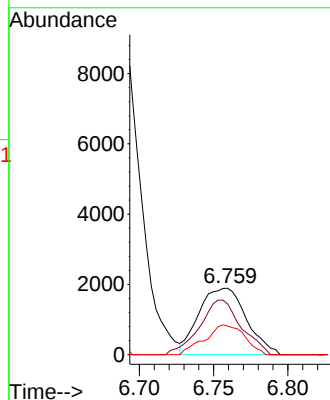
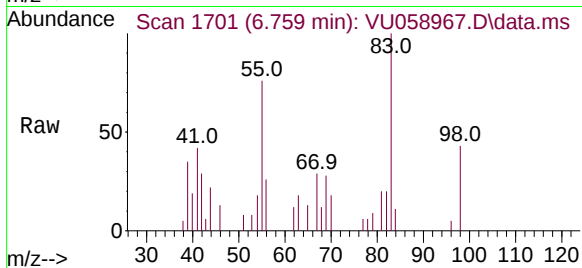
Tgt Ion: 83 Resp: 4209

Ion Ratio Lower Upper

83 100

55 71.8 61.5 92.3

98 37.5 36.2 54.2



#37

1,2-Dichloropropane

Concen: 2.906 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU058967.D

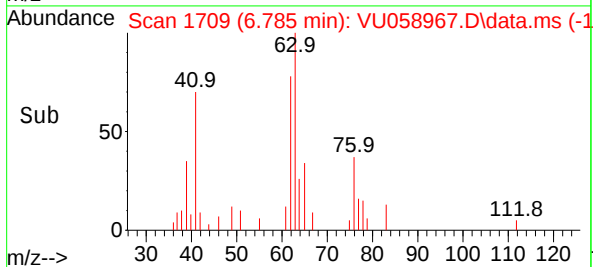
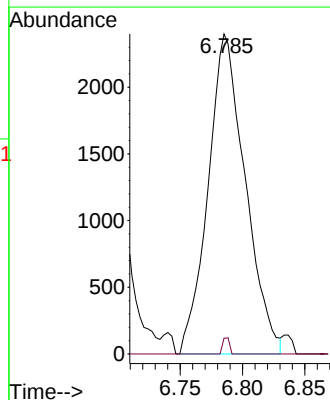
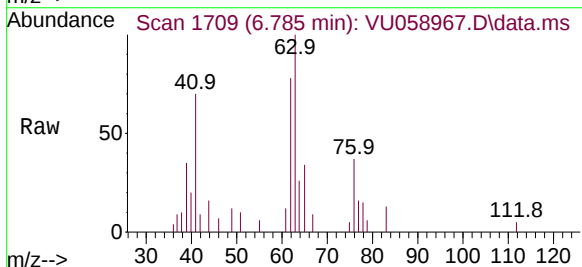
Acq: 24 May 2024 13:42

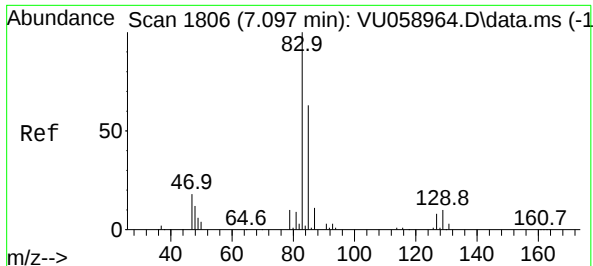
Tgt Ion: 63 Resp: 4977

Ion Ratio Lower Upper

63 100

112 0.9 2.5 3.7#





#38

Bromodichloromethane

Concen: 3.035 ug/L

RT: 7.100 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU058967.D

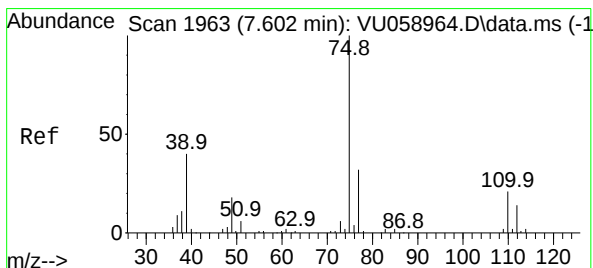
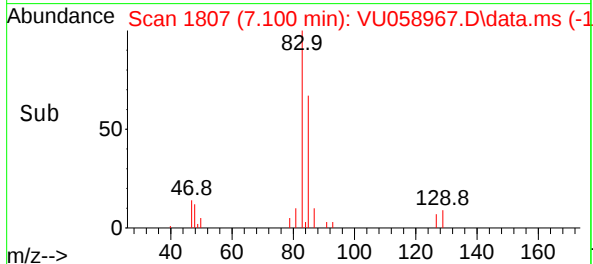
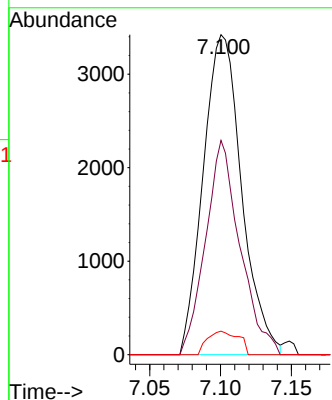
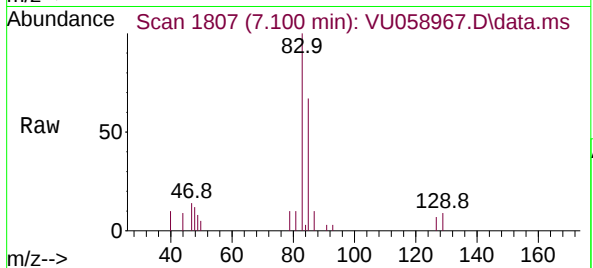
Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6460
Ion	Ratio	Lower	Upper
83	100		
85	66.9	43.5	80.9
127	7.3	5.8	8.6



#39

cis-1,3-Dichloropropene

Concen: 2.509 ug/L

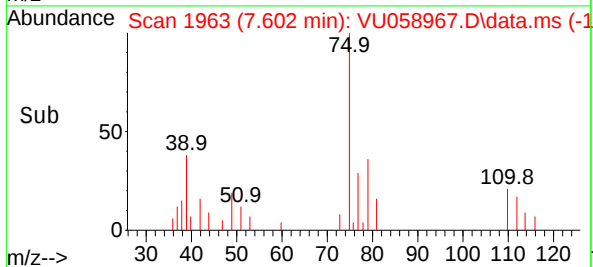
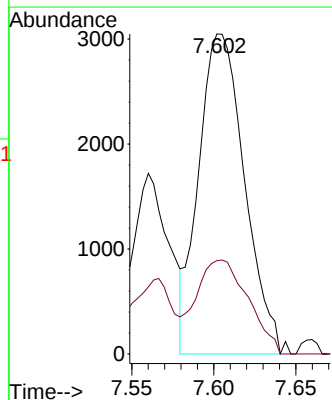
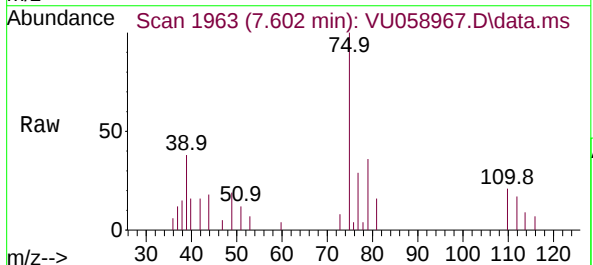
RT: 7.602 min Scan# 1963

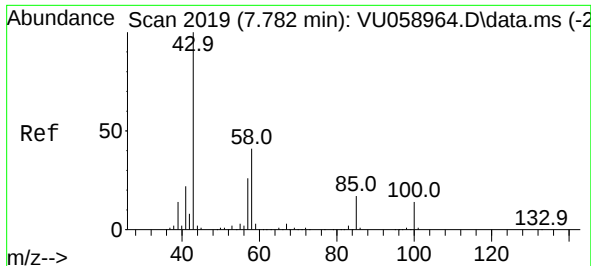
Delta R.T. -0.000 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Tgt Ion:	75	Resp:	5919
Ion	Ratio	Lower	Upper
75	100		
77	28.0	22.5	41.7





#40

4-Methyl-2-pentanone

Concen: 5.821 ug/L

RT: 7.792 min Scan# 2019

Delta R.T. 0.009 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

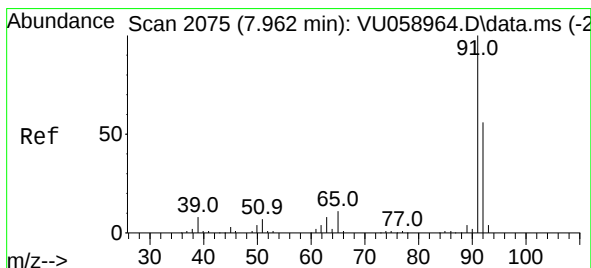
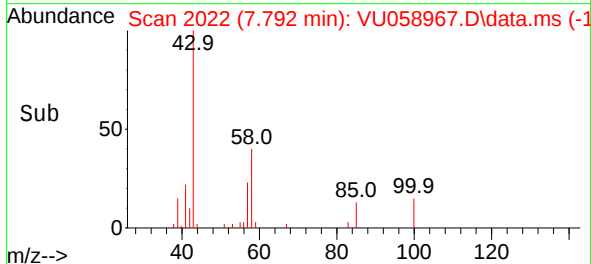
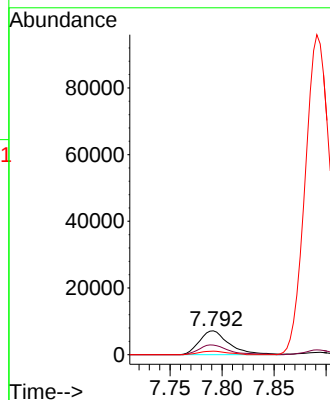
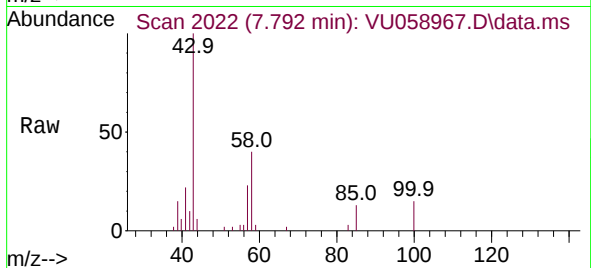
Tgt Ion: 43 Resp: 14209

Ion Ratio Lower Upper

43 100

58 40.4 33.5 50.3

100 14.3 11.8 17.8



#42

Toluene

Concen: 2.627 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU058967.D

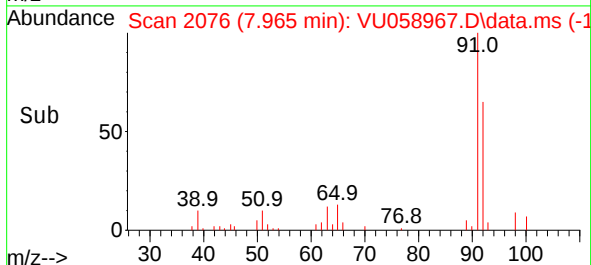
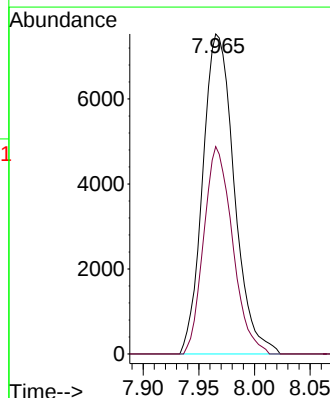
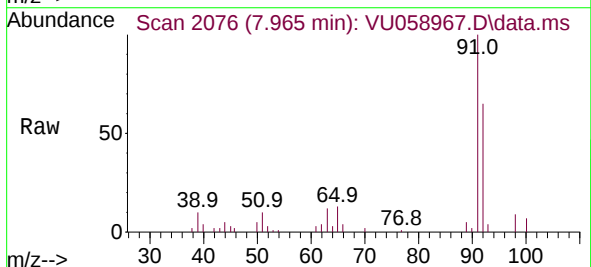
Acq: 24 May 2024 13:42

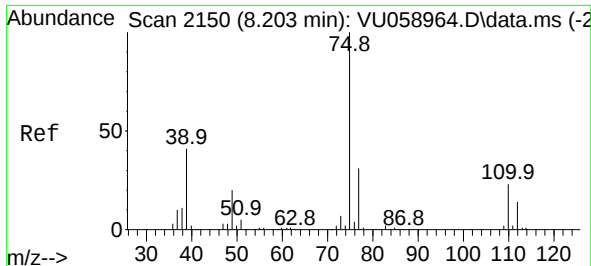
Tgt Ion: 91 Resp: 14835

Ion Ratio Lower Upper

91 100

92 64.8 38.7 71.9

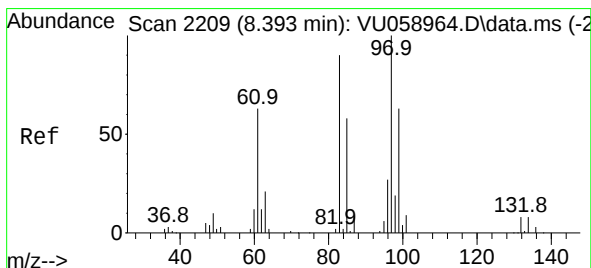
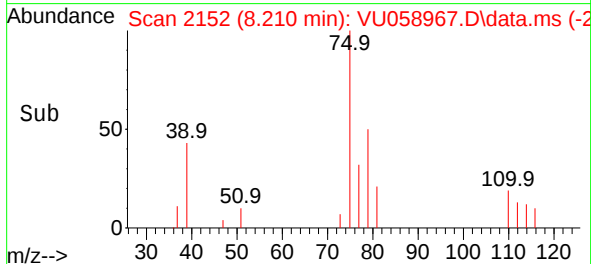
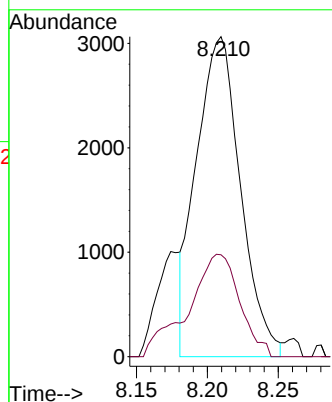
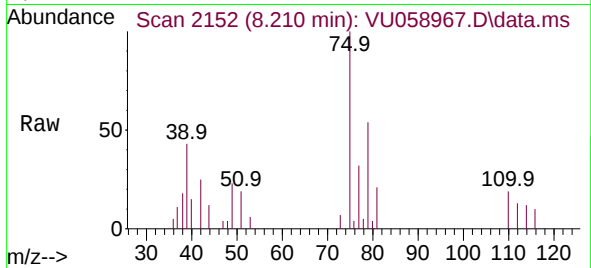




#44
trans-1,3-Dichloropropene
Concen: 2.972 ug/L
RT: 8.210 min Scan# 2150
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

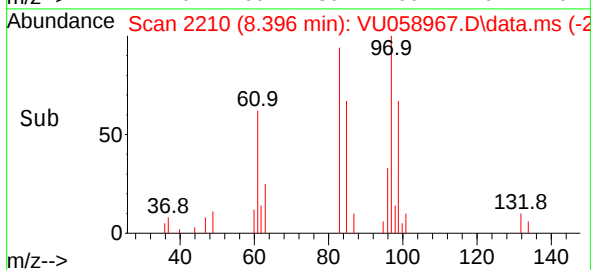
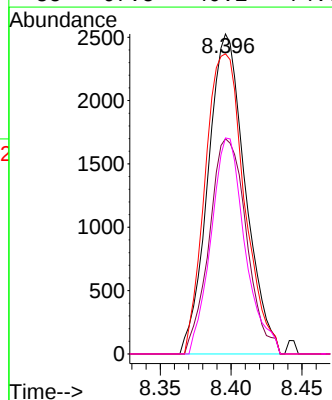
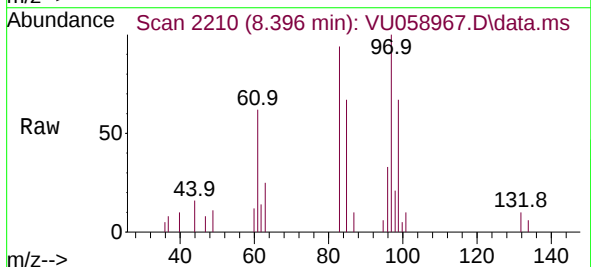
Instrument :
MSVOA_U
ClientSampleId :

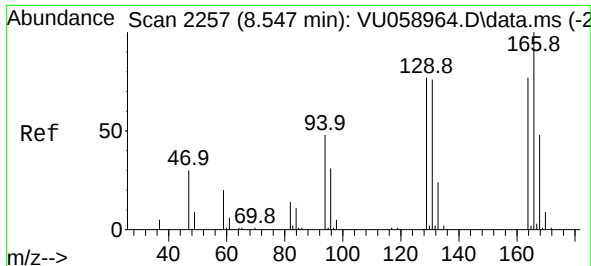
Tgt Ion: 75 Resp: 6637
Ion Ratio Lower Upper
75 100
77 30.7 23.0 42.8



#45
1,1,2-Trichloroethane
Concen: 2.733 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion: 97 Resp: 4620
Ion Ratio Lower Upper
97 100
99 67.3 42.6 79.2
83 93.8 62.2 115.6
85 67.5 40.2 74.6





#46

Tetrachloroethene

Concen: 2.750 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

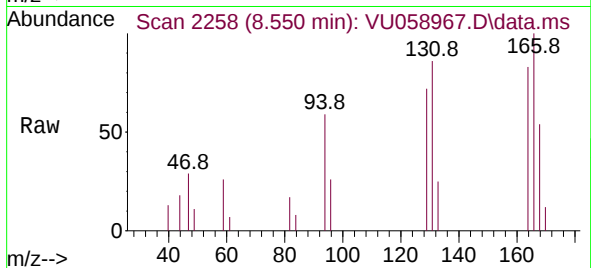
Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2564

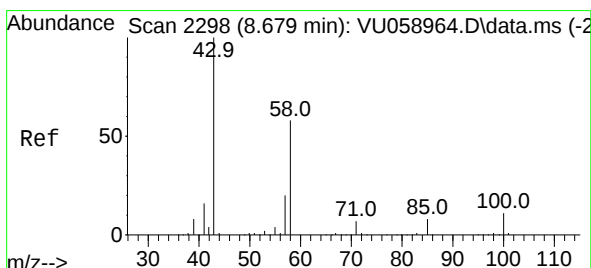
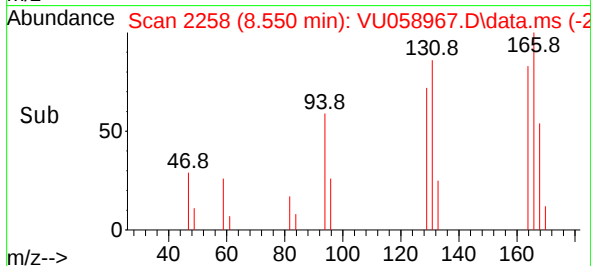
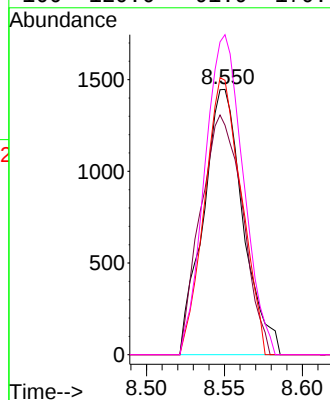
Ion Ratio Lower Upper

164 100

129 86.5 70.6 131.0

131 103.4 69.2 128.6

166 120.6 91.9 170.7



#48

2-Hexanone

Concen: 7.410 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Tgt Ion: 43 Resp: 14894

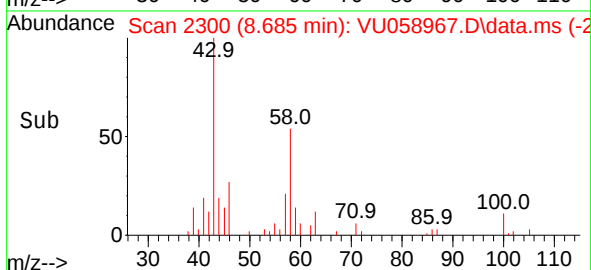
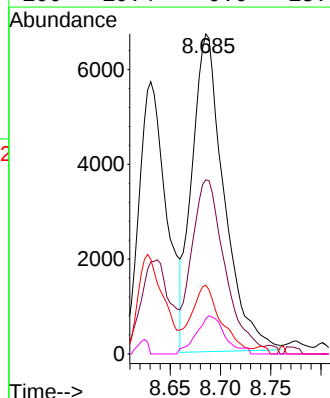
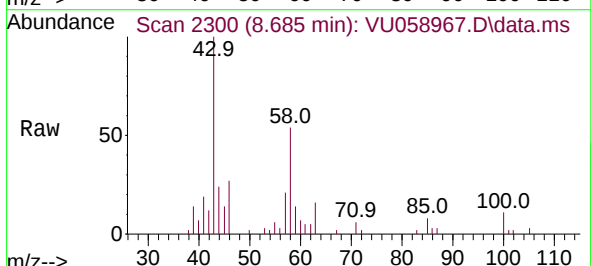
Ion Ratio Lower Upper

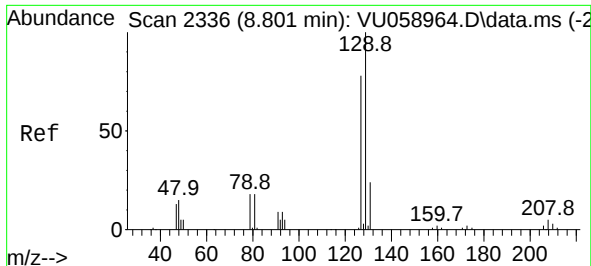
43 100

58 56.8 47.8 71.6

57 19.4 15.7 23.5

100 10.4 9.0 13.4





#49

Dibromochloromethane

Concen: 2.632 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

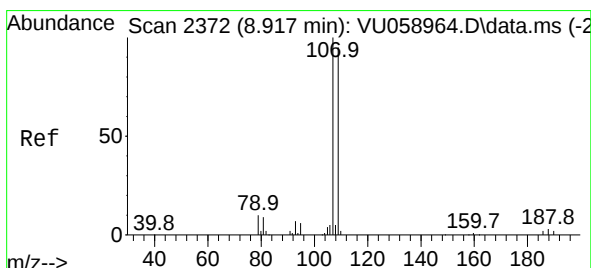
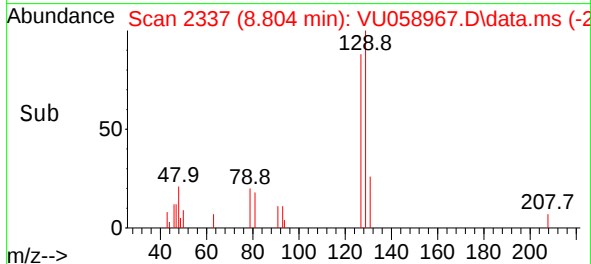
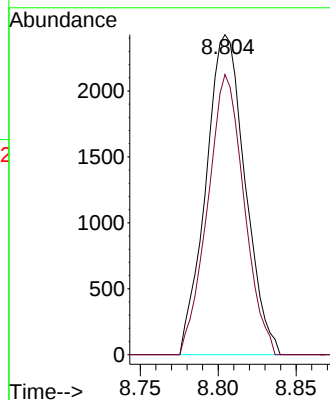
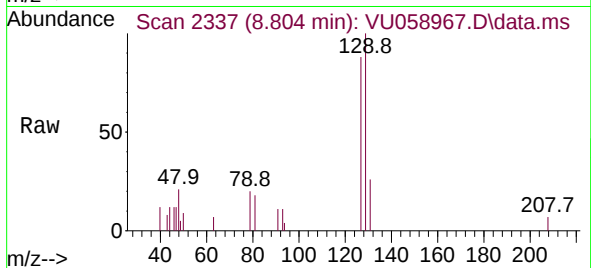
ClientSampleId :

Tgt Ion:129 Resp: 4252

Ion Ratio Lower Upper

129 100

127 87.6 56.8 105.4



#50

1,2-Dibromoethane

Concen: 2.740 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

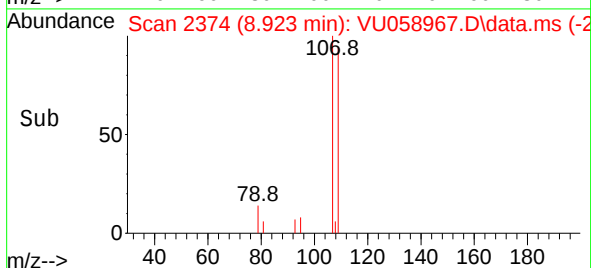
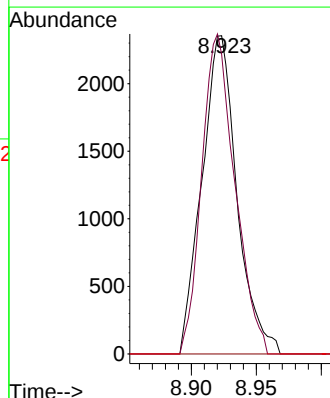
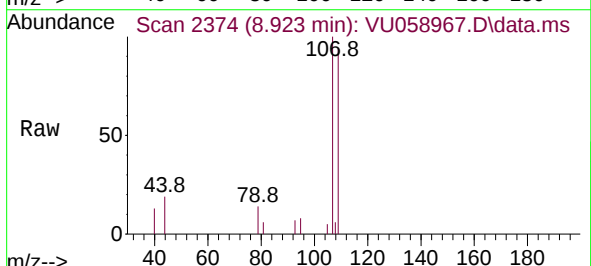
Tgt Ion:107 Resp: 4427

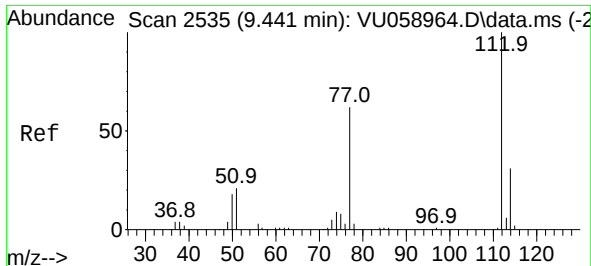
Ion Ratio Lower Upper

107 100

109 94.2 68.0 126.2

188 0.0 2.6 3.8#





#51

Chlorobenzene

Concen: 2.754 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU058967.D

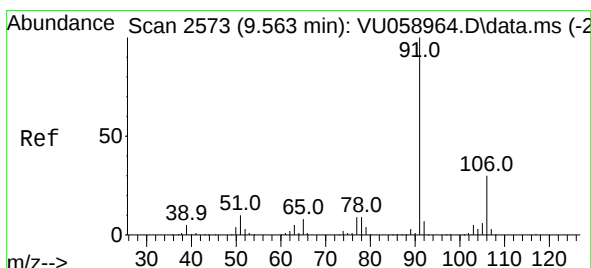
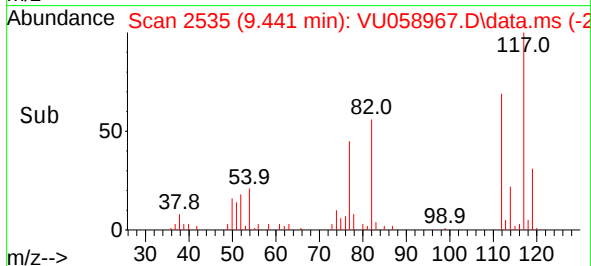
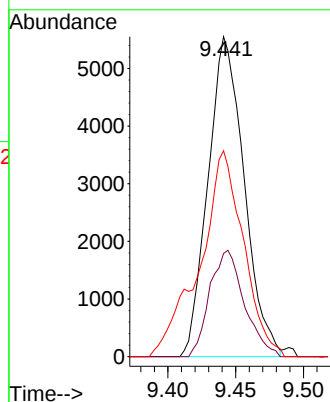
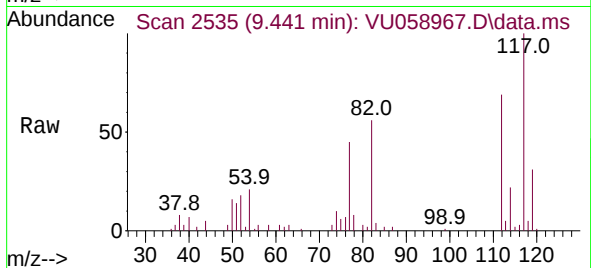
Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:112	Resp:	10283
Ion Ratio	Lower	Upper
112	100	
114	29.9	21.8 40.6
77	59.7	48.8 73.2



#52

Ethylbenzene

Concen: 2.460 ug/L

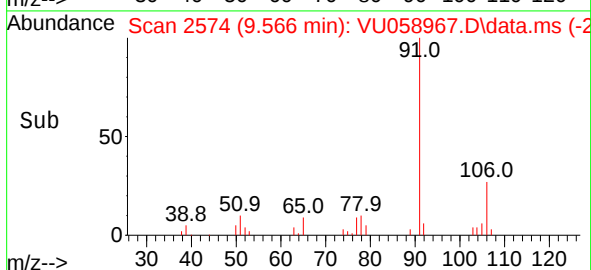
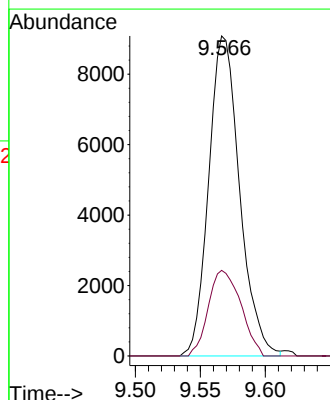
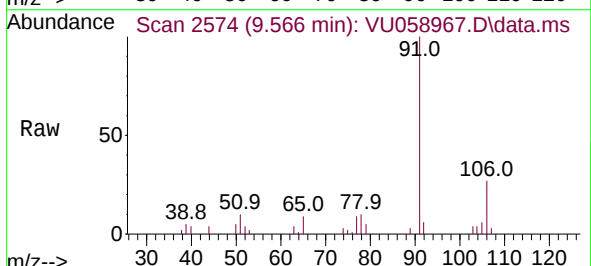
RT: 9.566 min Scan# 2574

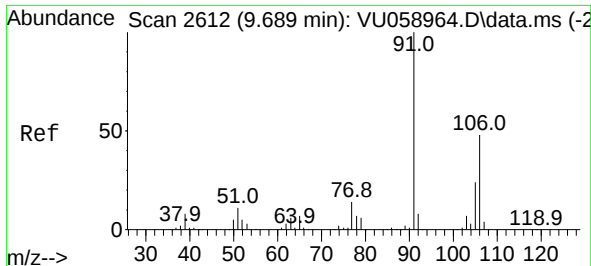
Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Tgt Ion: 91	Resp:	15034
Ion Ratio	Lower	Upper
91	100	
106	26.7	20.8 38.6

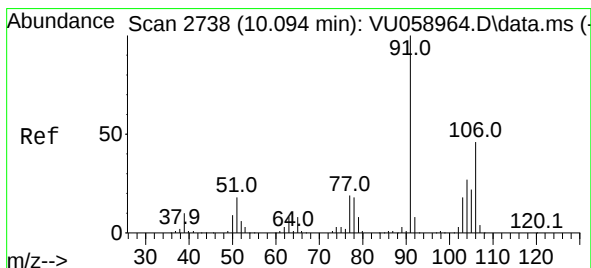
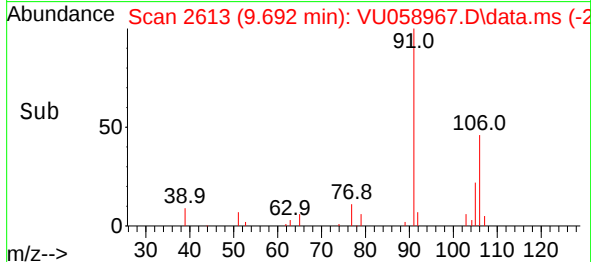
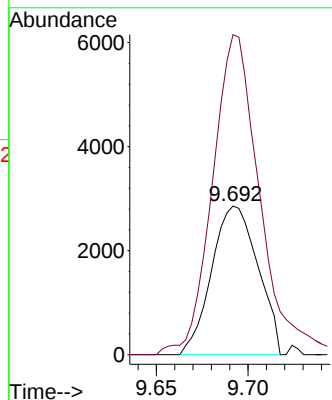
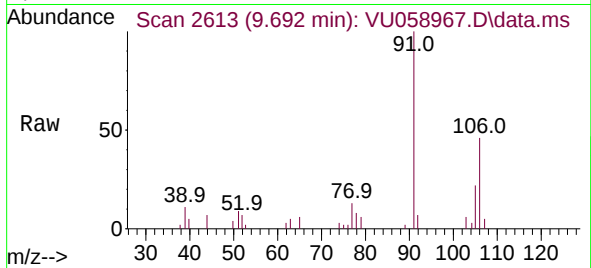




#53
m,p-Xylene
Concen: 2.288 ug/L
RT: 9.692 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

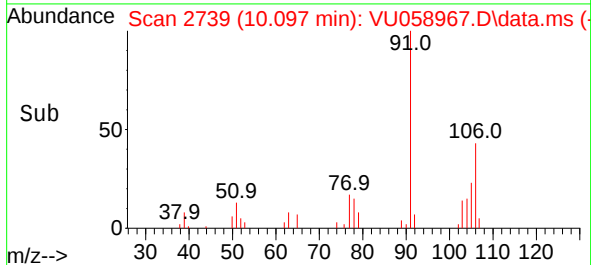
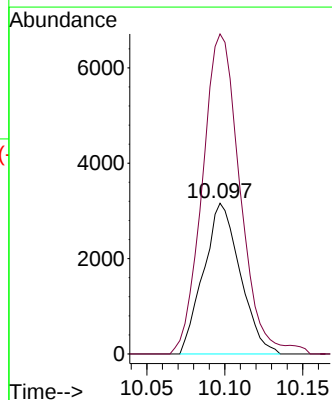
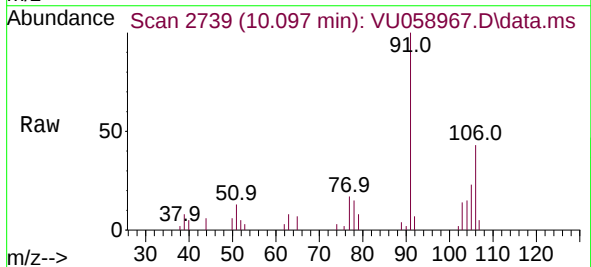
Instrument :
MSVOA_U
ClientSampleId :

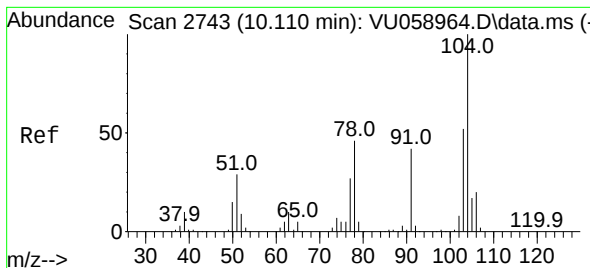
Tgt Ion:106 Resp: 5024
Ion Ratio Lower Upper
106 100
91 215.2 145.7 270.7



#54
o-Xylene
Concen: 2.349 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion:106 Resp: 5162
Ion Ratio Lower Upper
106 100
91 212.3 154.0 286.0





#55

Styrene

Concen: 1.867 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

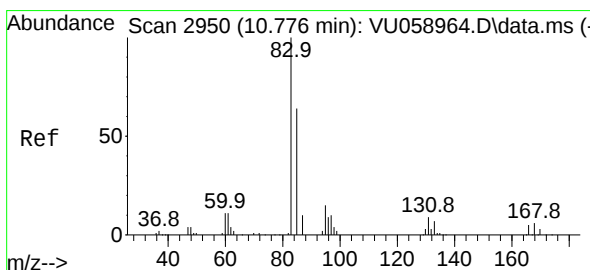
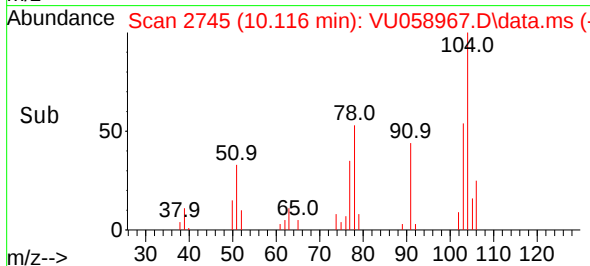
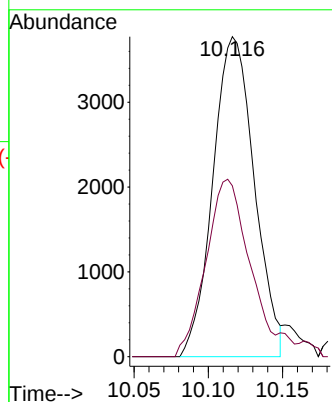
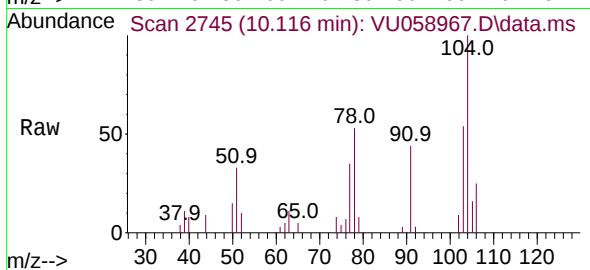
ClientSampleId :

Tgt Ion:104 Resp: 7329

Ion Ratio Lower Upper

104 100

78 53.4 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 3.234 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

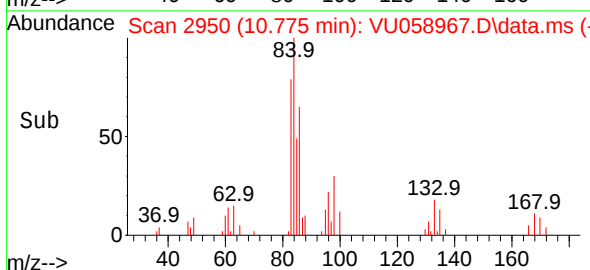
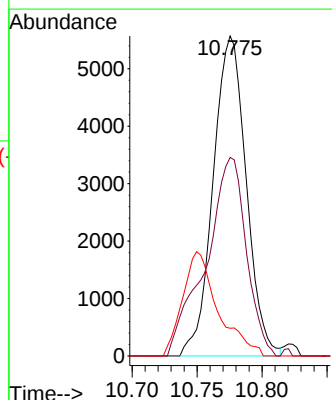
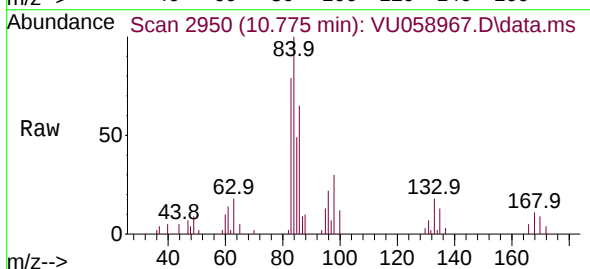
Tgt Ion: 83 Resp: 9852

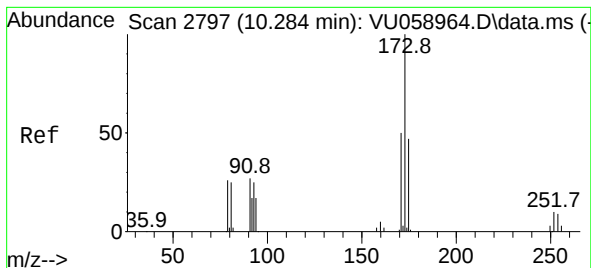
Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.9

131 11.4 7.1 10.7#





#59

Bromoform

Concen: 3.527 ug/L

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

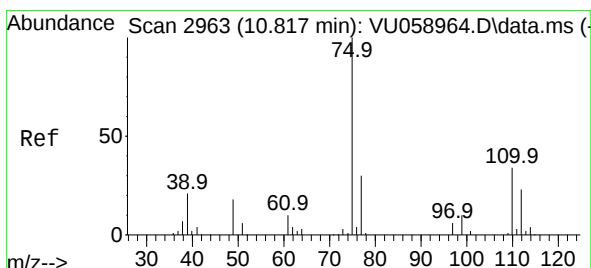
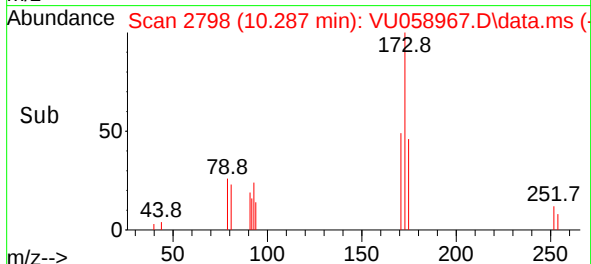
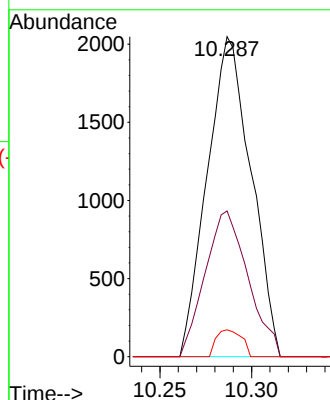
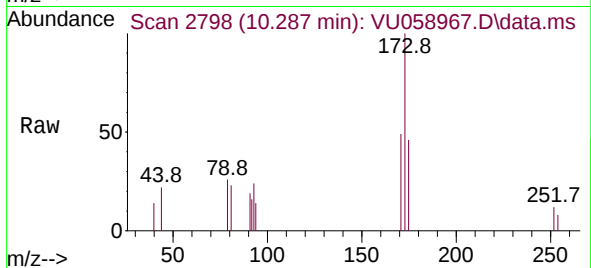
Tgt Ion:173 Resp: 3398

Ion Ratio Lower Upper

173 100

175 44.7 40.6 61.0

254 4.9 7.3 10.9#



#60

1,2,3-Trichloropropane

Concen: 3.749 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

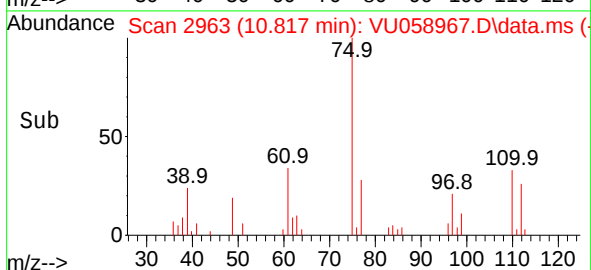
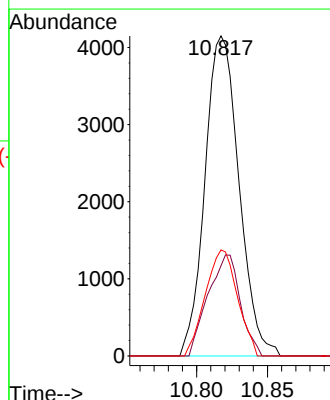
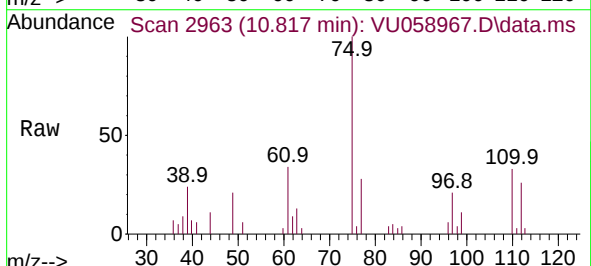
Tgt Ion: 75 Resp: 6934

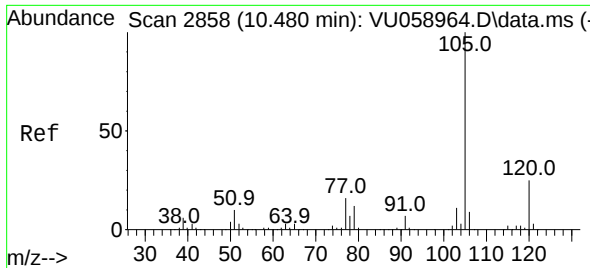
Ion Ratio Lower Upper

75 100

77 29.8 25.8 38.6

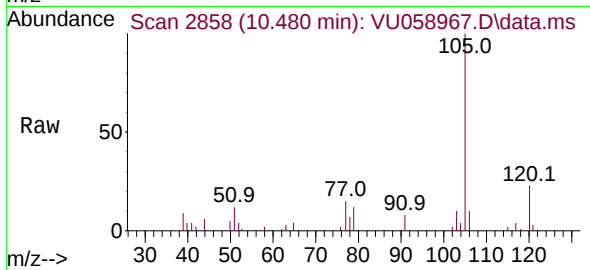
110 31.3 28.3 42.5



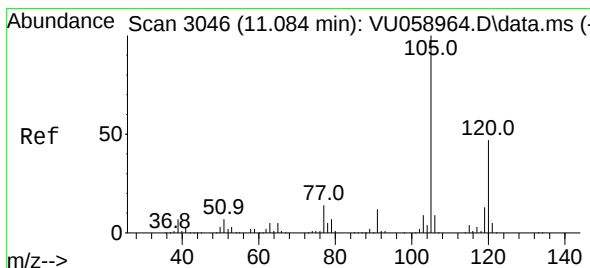
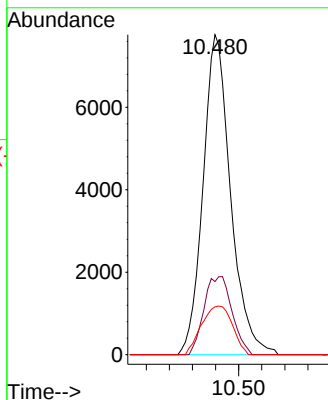
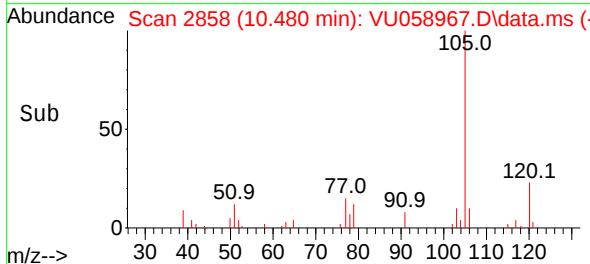


#61
Isopropylbenzene
Concen: 2.770 ug/L
RT: 10.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Instrument :
MSVOA_U
ClientSampleId :

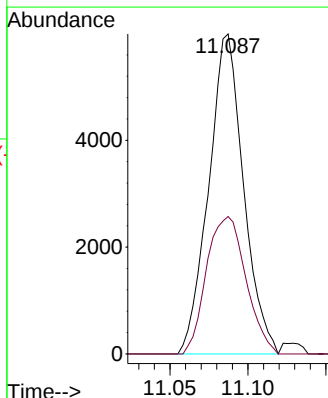
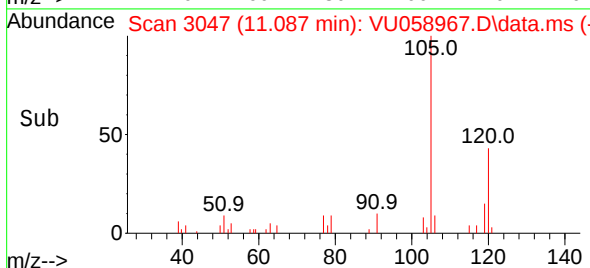
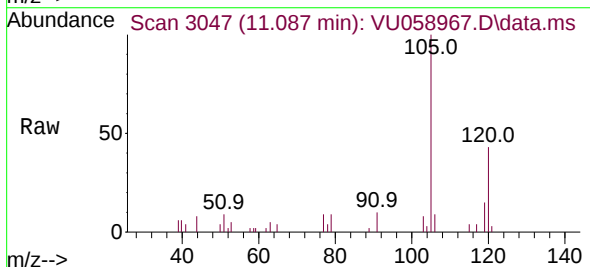


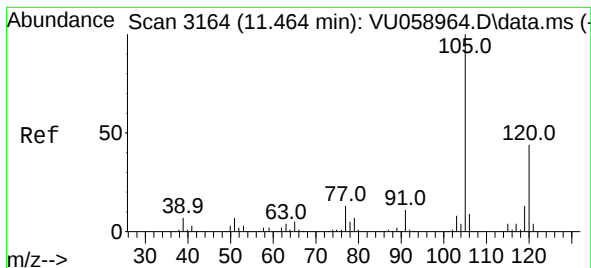
Tgt Ion:105 Resp: 12856
Ion Ratio Lower Upper
105 100
120 24.8 20.0 30.0
77 17.0 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 2.544 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Tgt Ion:105 Resp: 9301
Ion Ratio Lower Upper
105 100
120 48.5 36.9 55.3





#63

1,2,4-Trimethylbenzene

Concen: 2.506 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

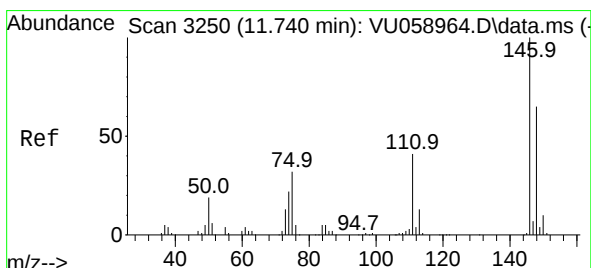
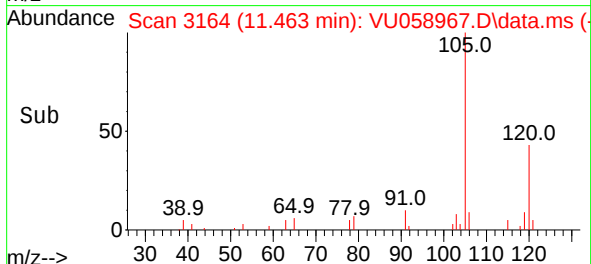
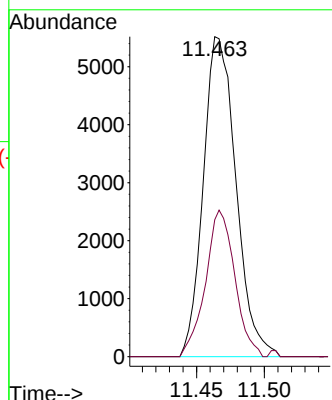
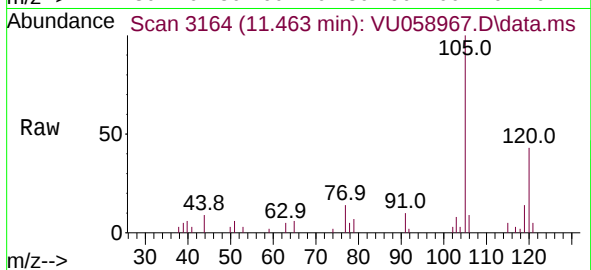
ClientSampleId :

Tgt Ion:105 Resp: 9241

Ion Ratio Lower Upper

105 100

120 41.0 35.3 52.9



#64

1,3-Dichlorobenzene

Concen: 2.485 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

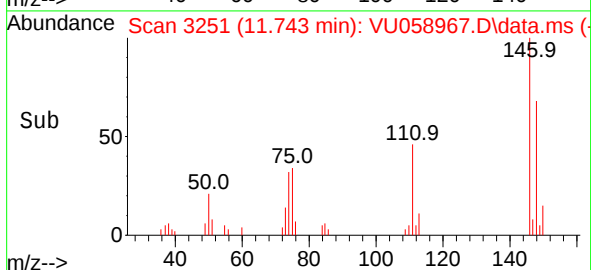
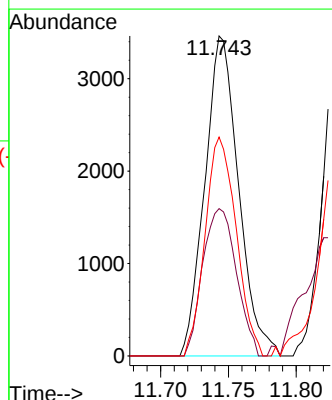
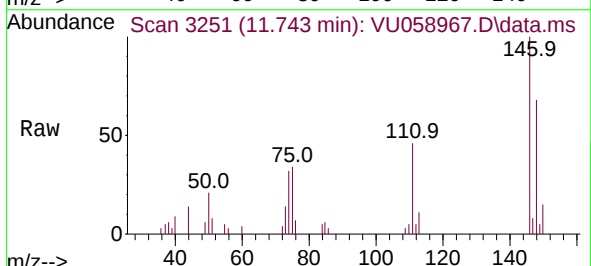
Tgt Ion:146 Resp: 5987

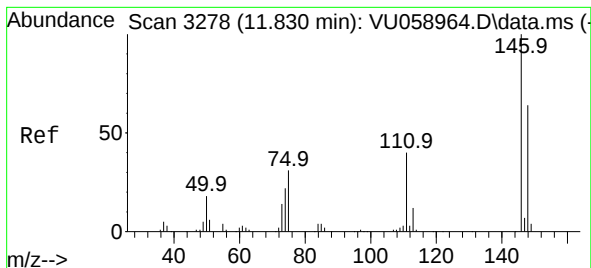
Ion Ratio Lower Upper

146 100

111 42.6 28.6 53.0

148 63.3 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 2.533 ug/L

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :

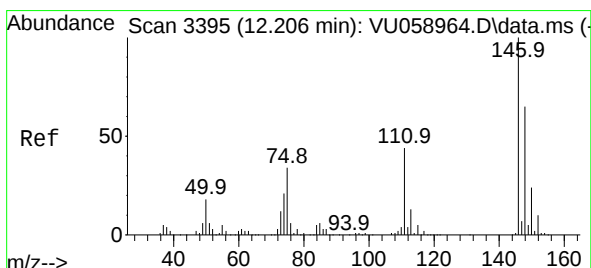
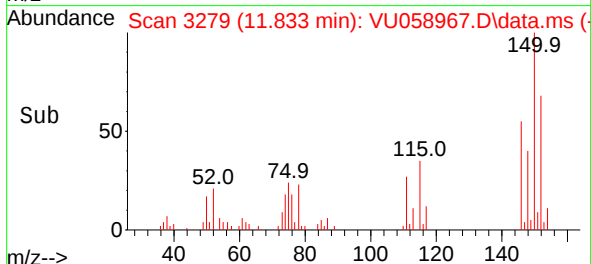
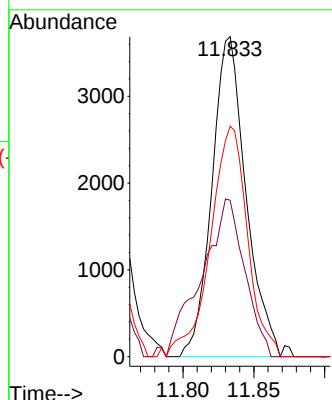
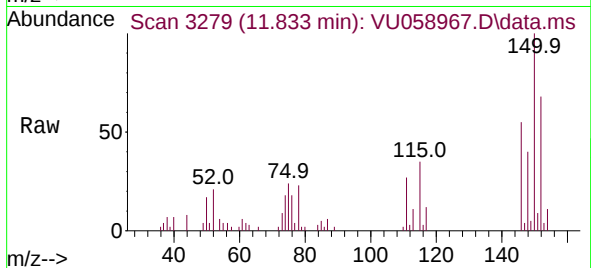
Tgt Ion:146 Resp: 6164

Ion Ratio Lower Upper

146 100

111 48.9 27.3 50.7

148 82.0 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 3.028 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU058967.D

Acq: 24 May 2024 13:42

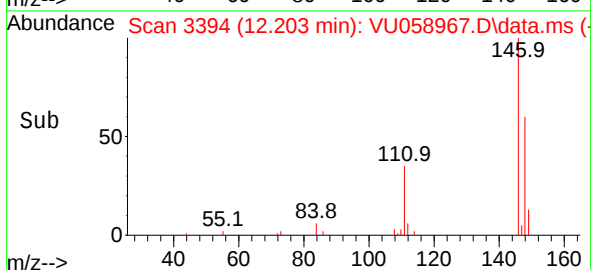
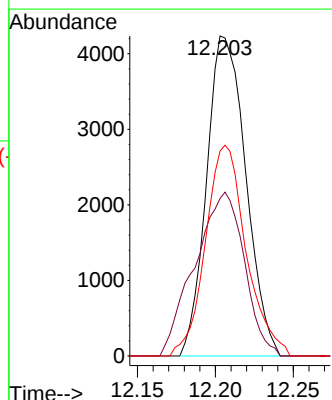
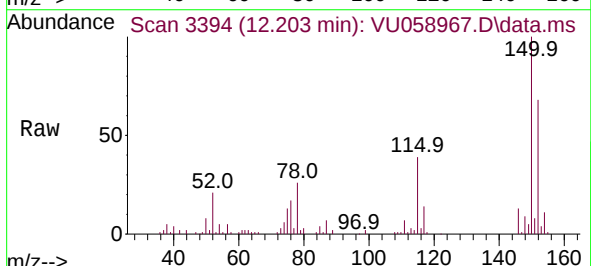
Tgt Ion:146 Resp: 7420

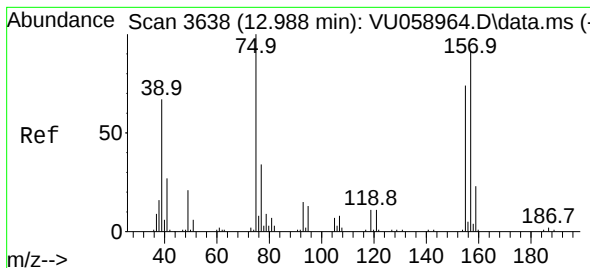
Ion Ratio Lower Upper

146 100

111 49.2 34.1 51.1

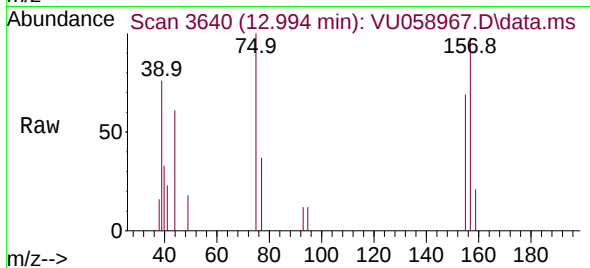
148 64.0 52.2 78.4



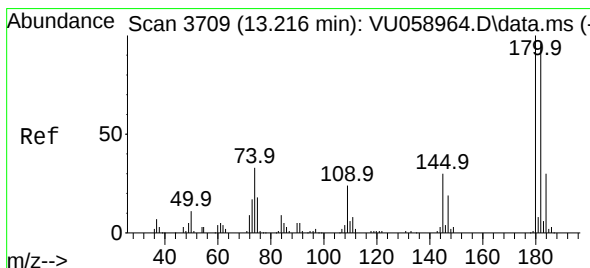
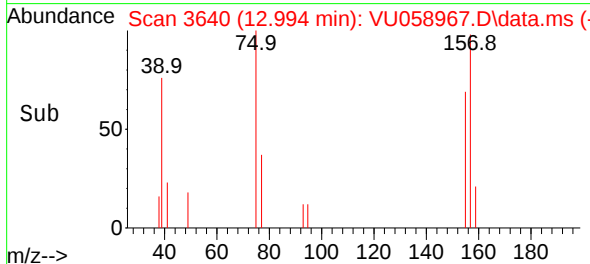
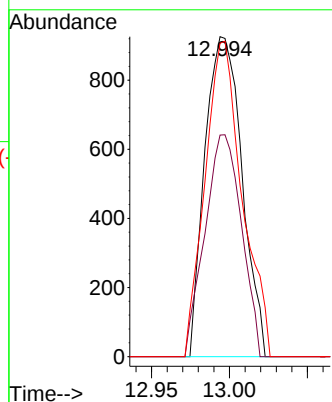


#68
1,2-Dibromo-3-chloropropane
Concen: 3.064 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

Instrument :
MSVOA_U
ClientSampleId :

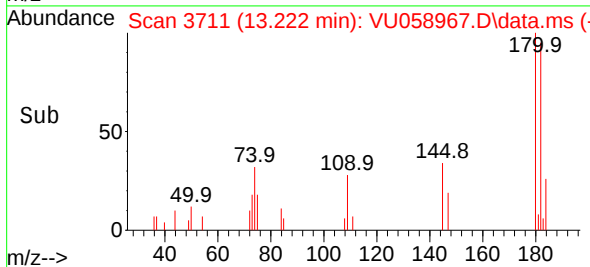
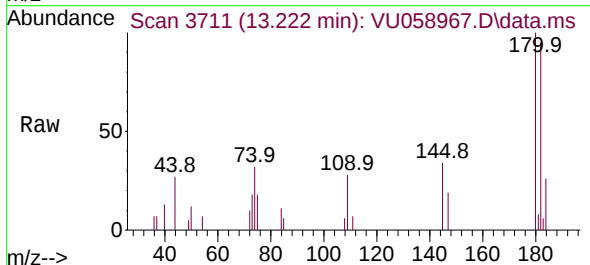
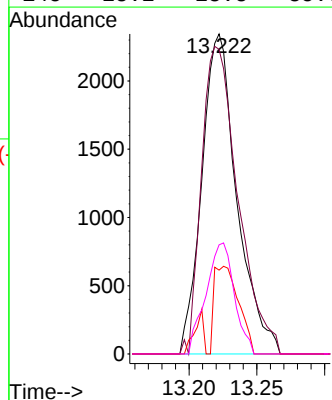


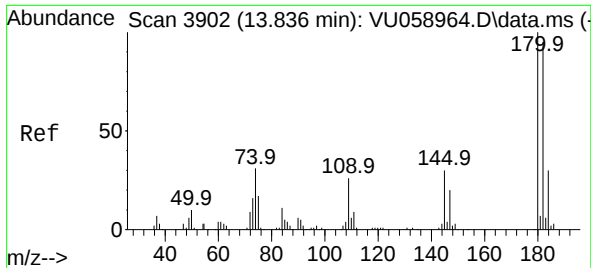
Tgt Ion: 75 Resp: 1533
Ion Ratio Lower Upper
75 100
155 69.2 60.2 90.4
157 97.9 77.2 115.8



#69
1,3,5-Trichlorobenzene
Concen: 2.482 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

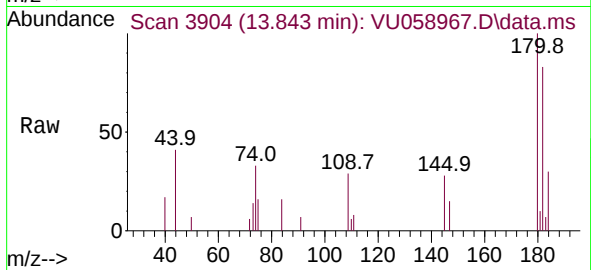
Tgt Ion:180 Resp: 4213
Ion Ratio Lower Upper
180 100
182 99.5 75.7 113.5
184 5.7 24.3 36.5#
145 28.2 23.8 35.6



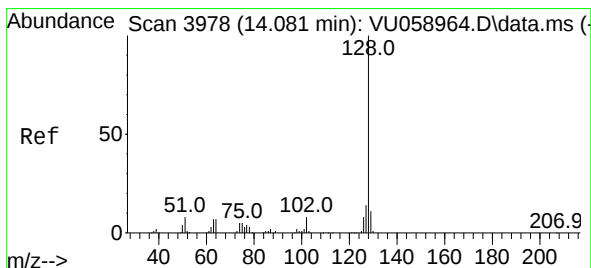
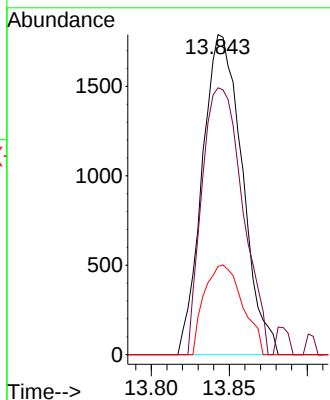
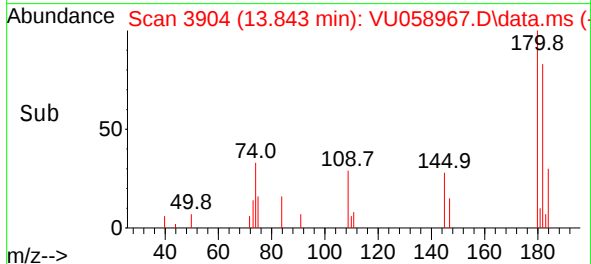


#70
1,2,4-trichlorobenzene
Concen: 2.178 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42

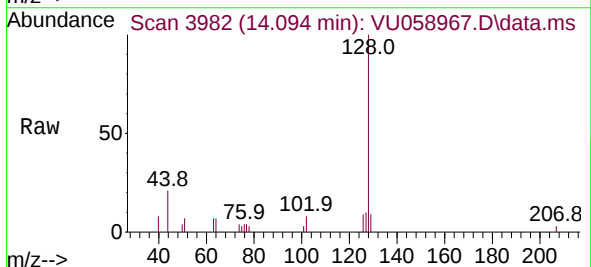
Instrument :
MSVOA_U
ClientSampleId :



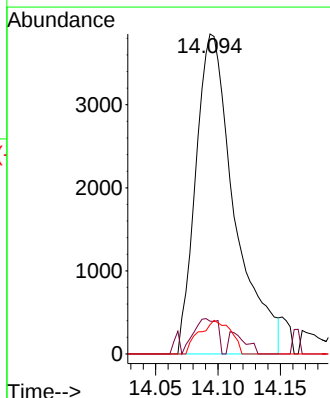
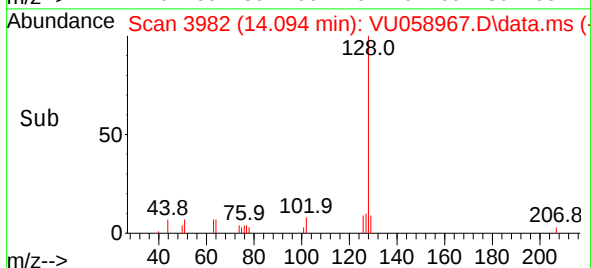
Tgt Ion:180 Resp: 3184
Ion Ratio Lower Upper
180 100
182 85.0 78.6 117.8
145 26.9 24.6 37.0

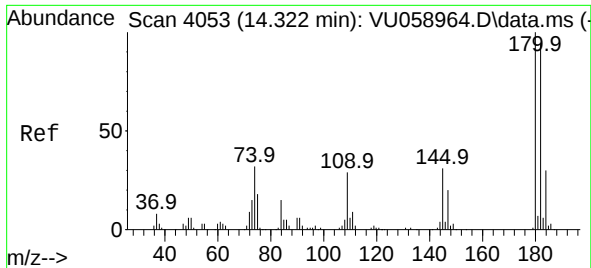


#71
Naphthalene
Concen: 1.941 ug/L
RT: 14.094 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU058967.D
Acq: 24 May 2024 13:42



Tgt Ion:128 Resp: 8276
Ion Ratio Lower Upper
128 100
127 0.9 10.8 16.2#
129 6.5 8.8 13.2#





#72

1,2,3-Trichlorobenzene

Concen: 2.237 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

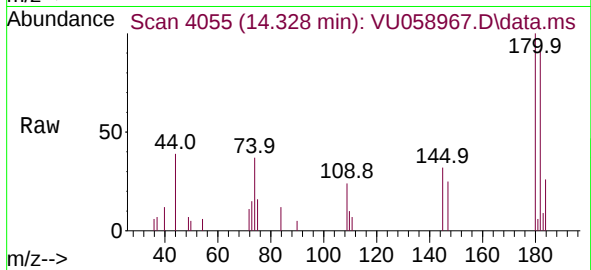
Lab File: VU058967.D

Acq: 24 May 2024 13:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3349

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 26.3 26.2 39.2

