

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057255.D
 Acq On : 27 Dec 2023 00:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:58:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166583	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97678	6.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.600%
7) Chloroethane-d5	1.911	69	72051	5.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.563	65	38144	5.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	4.640	46	132078	52.834	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.660%
24) Chloroform-d	5.055	84	155302	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	71405	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.721	84	288320	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	83553	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	263769	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	32974	4.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.630	63	111487	47.592	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	63432	5.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	86091	4.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	73355	4.709	ug/L	99
3) Chloromethane	1.518	50	81552	5.974	ug/L	100
5) Vinyl chloride	1.602	62	82302	5.652	ug/L	100
6) Bromomethane	1.856	94	39260	6.165	ug/L	89
8) Chloroethane	1.933	64	52425	5.670	ug/L	99
9) Trichlorofluoromethane	2.136	101	125588	4.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	72185	5.211	ug/L	96
12) 1,1-Dichloroethene	2.576	96	65340	5.246	ug/L	95
13) Acetone	2.669	43	74159	49.339	ug/L	91
14) Carbon disulfide	2.788	76	185714	4.739	ug/L	99
15) Methyl Acetate	2.959	43	20960	5.913	ug/L	98
16) Methylene chloride	3.039	84	70439	4.865	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	134379	5.081	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	63069	5.193	ug/L	95
19) 1,1-Dichloroethane	3.862	63	130426	5.411	ug/L	98
21) 2-Butanone	4.721	43	125191	54.653	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	70496	5.271	ug/L	94
23) Bromochloromethane	4.968	128	30215	5.213	ug/L	88
25) Chloroform	5.078	83	139814	5.143	ug/L	99

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 Data File : VU057255.D
 Acq On : 27 Dec 2023 00:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:58:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

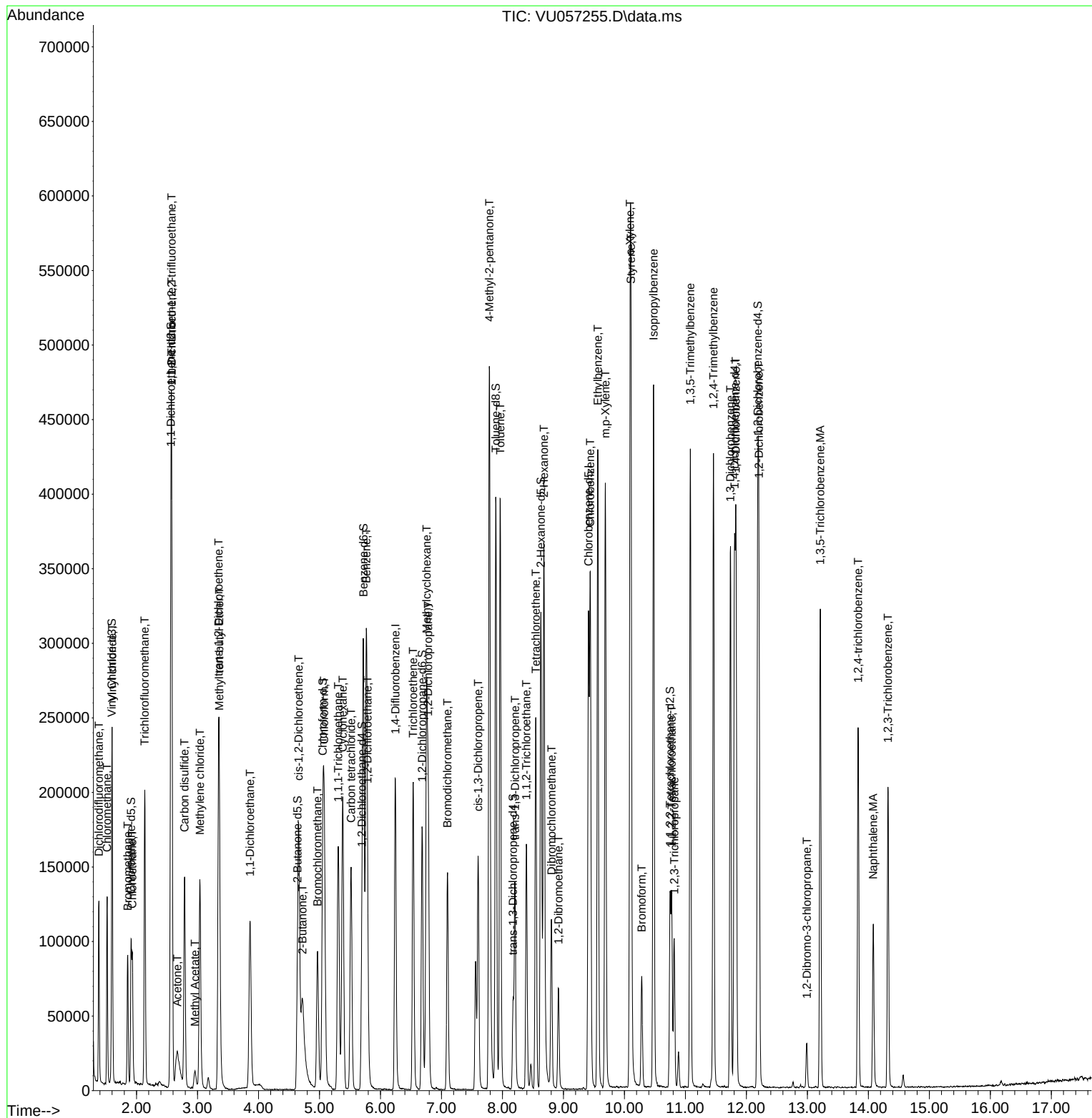
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	81534	5.083	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	123685	4.596	ug/L	98
30) Cyclohexane	5.383	56	87871	4.829	ug/L	98
31) Carbon tetrachloride	5.518	117	107098	4.524	ug/L	98
33) Benzene	5.769	78	276722	5.155	ug/L	100
34) Trichloroethene	6.537	95	74655	4.756	ug/L	98
35) Methylcyclohexane	6.759	83	93530	4.526	ug/L	96
37) 1,2-Dichloropropane	6.782	63	73560	5.509	ug/L	98
38) Bromodichloromethane	7.100	83	97476	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	98702	4.914	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	323250	55.685	ug/L	98
42) Toluene	7.965	91	295053	5.186	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	82048	4.786	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	50613	5.494	ug/L	96
47) Tetrachloroethene	8.547	164	53575	4.763	ug/L	98
48) 2-Hexanone	8.679	43	234154	54.824	ug/L	96
49) Dibromochloromethane	8.804	129	58345	4.885	ug/L	99
50) 1,2-Dibromoethane	8.920	107	44205	5.111	ug/L #	98
51) Chlorobenzene	9.441	112	179301	4.842	ug/L	99
52) Ethylbenzene	9.563	91	297390	4.639	ug/L	100
53) m,p-Xylene	9.688	106	110814	4.726	ug/L	97
54) o-Xylene	10.093	106	106485	4.706	ug/L	100
55) Styrene	10.110	104	184752	4.951	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61062	5.497	ug/L	100
59) Bromoform	10.283	173	32768	4.833	ug/L	97
60) Isopropylbenzene	10.479	105	297140	4.561	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42514	5.164	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	231212	4.331	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	230121	4.369	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	143683	4.667	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	140875	4.545	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	129289	4.695	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	8980	4.809	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.212	180	98126	4.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71532	3.988	ug/L	98
71) Naphthalene	14.080	128	90356	3.982	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	59529	4.255	ug/L	98

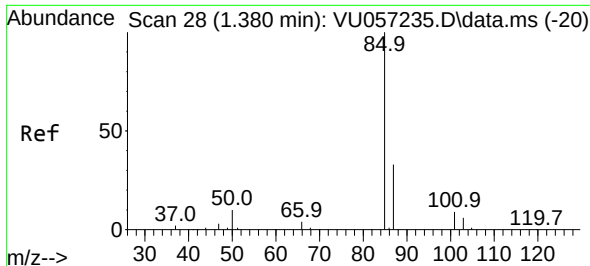
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057255.D
 Acq On : 27 Dec 2023 00:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:58:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
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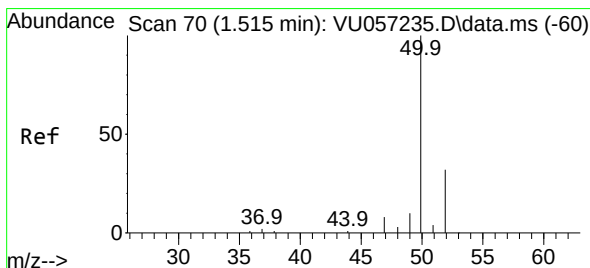
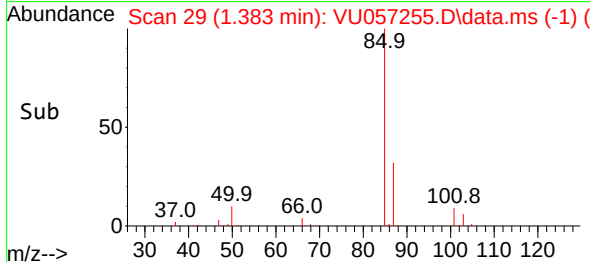
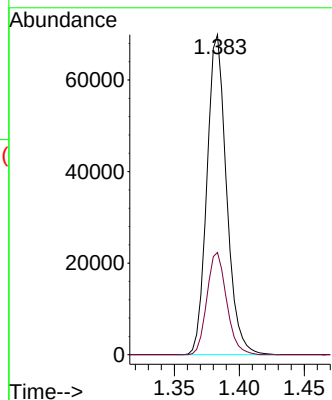
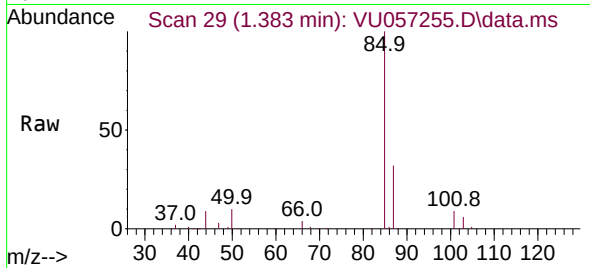




#2
 Dichlorodifluoromethane
 Concen: 4.709 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

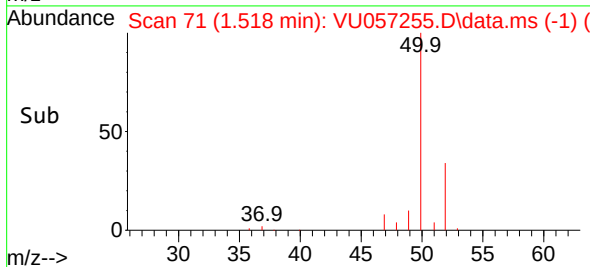
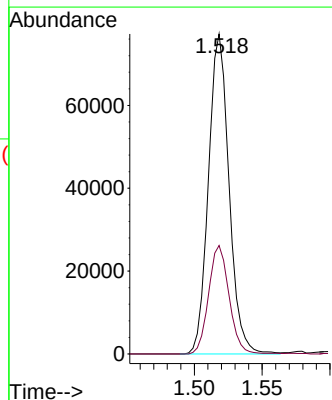
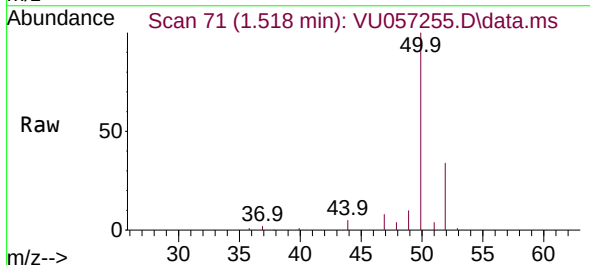
Instrument :
 MSVOA_U
 ClientSampleId :

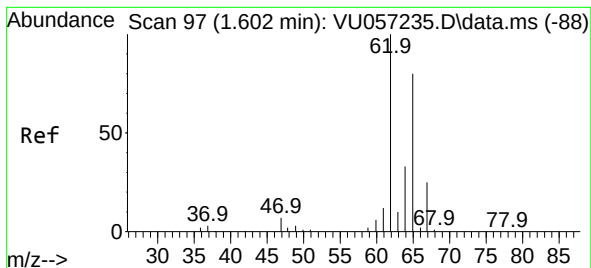
Tgt Ion: 85 Resp: 73355
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 5.974 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

Tgt Ion: 50 Resp: 81552
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1





#5

Vinyl chloride

Concen: 5.652 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

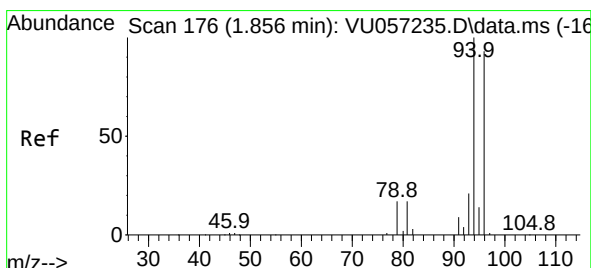
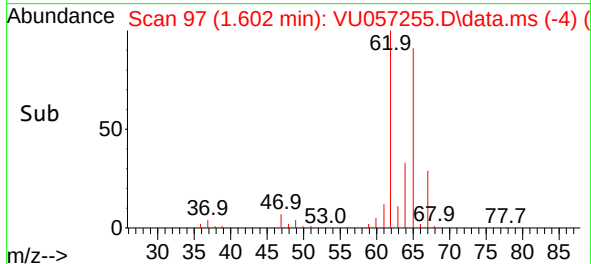
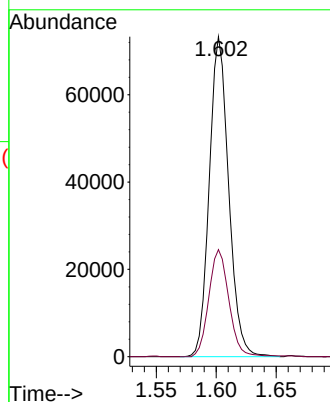
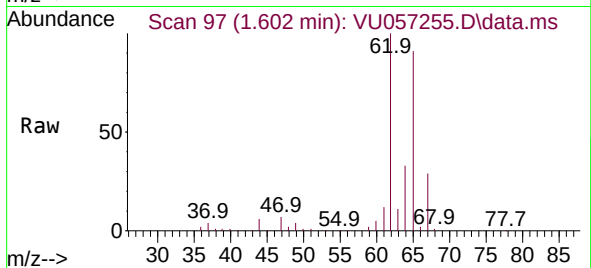
ClientSampleId :

Tgt Ion: 62 Resp: 82302

Ion Ratio Lower Upper

62 100

64 33.4 23.3 43.3



#6

Bromomethane

Concen: 6.165 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057255.D

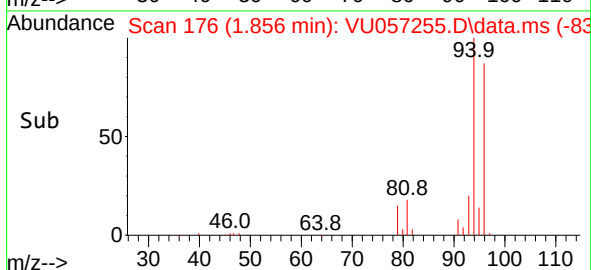
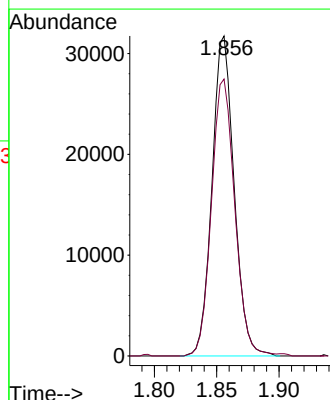
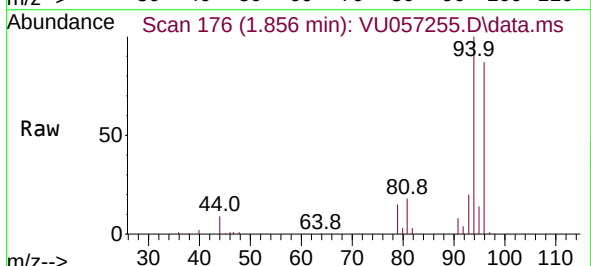
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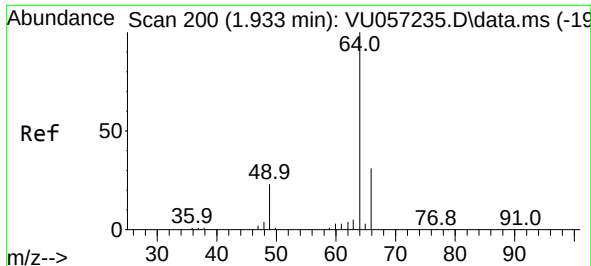
Tgt Ion: 94 Resp: 39260

Ion Ratio Lower Upper

94 100

96 86.6 68.2 126.6

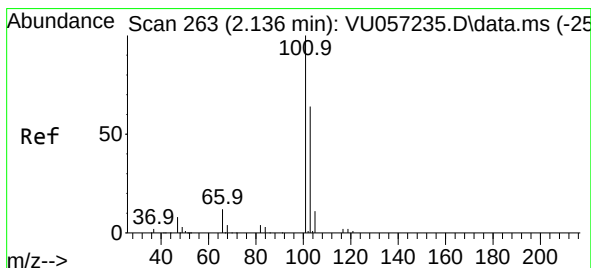
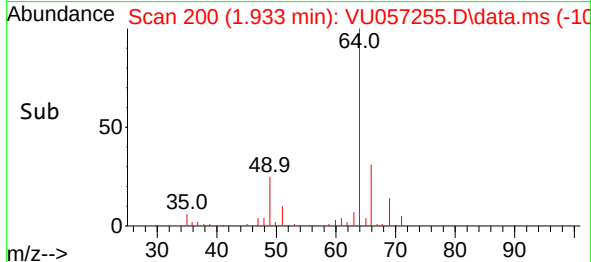
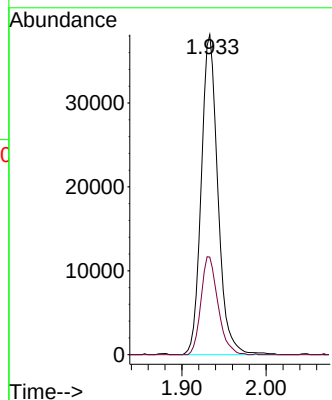
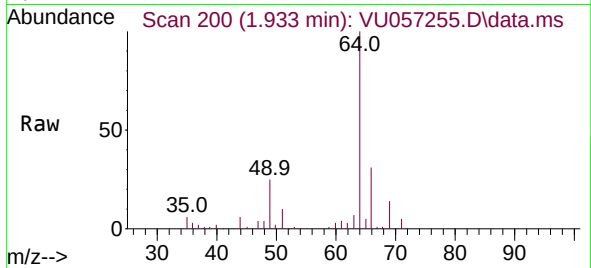




#8
Chloroethane
Concen: 5.670 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

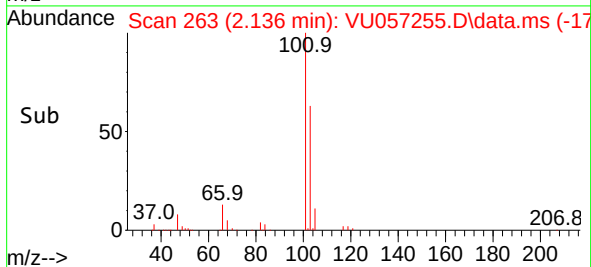
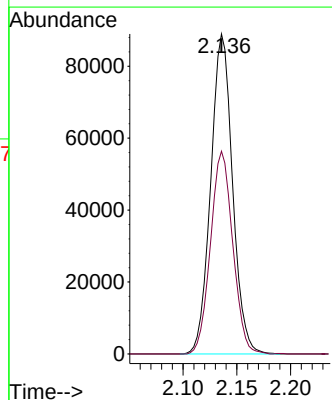
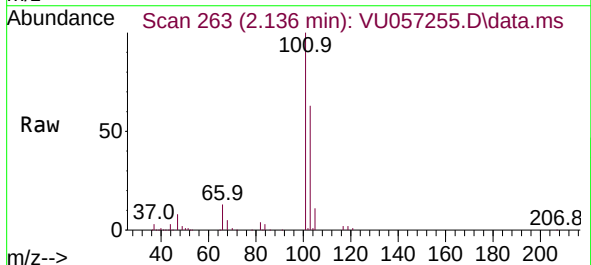
Instrument :
MSVOA_U
ClientSampleId :

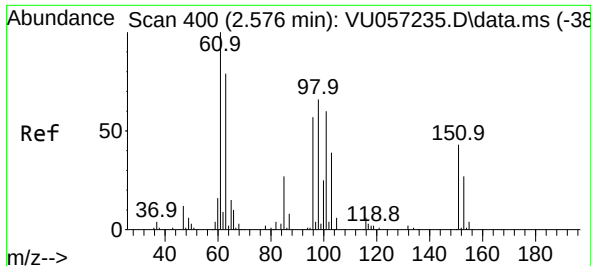
Tgt Ion: 64 Resp: 52425
Ion Ratio Lower Upper
64 100
66 30.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.694 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion:101 Resp: 125588
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

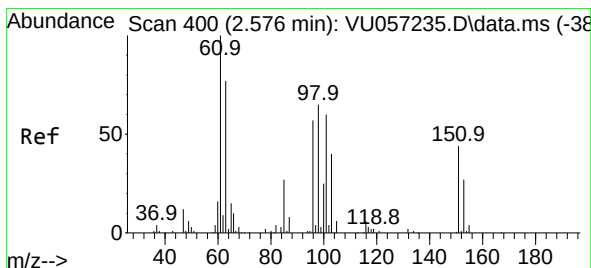
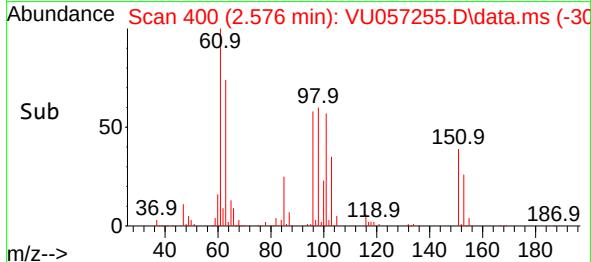
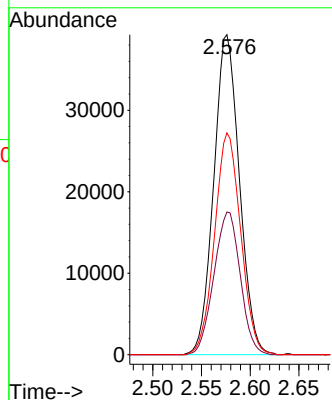
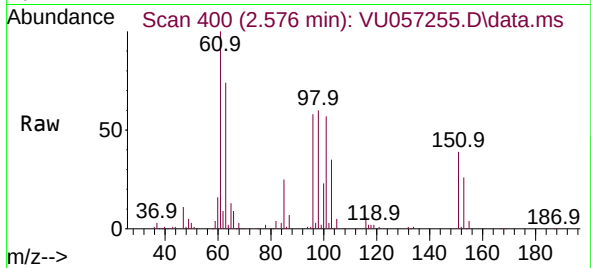




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.211 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

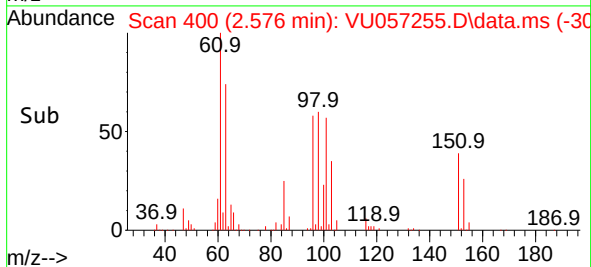
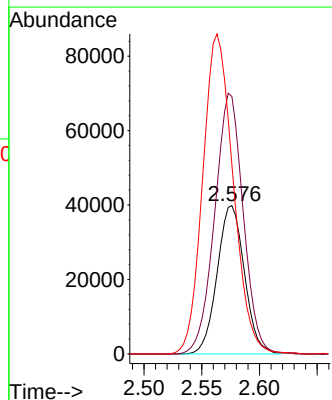
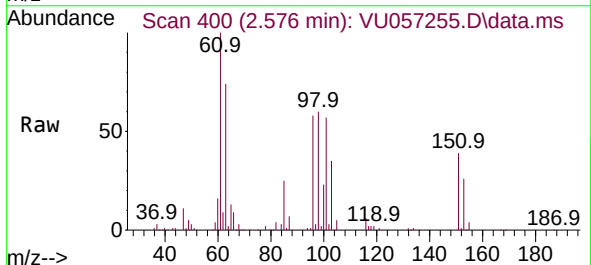
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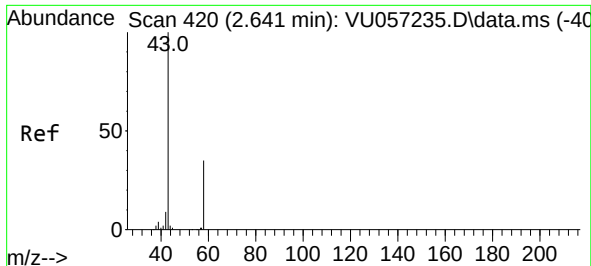
Tgt Ion:101 Resp: 72185
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.6 53.4
 151 70.5 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 5.246 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

Tgt Ion: 96 Resp: 65340
 Ion Ratio Lower Upper
 96 100
 61 173.6 119.6 222.0
 63 127.8 96.2 178.8





#13

Acetone

Concen: 49.339 ug/L

RT: 2.669 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

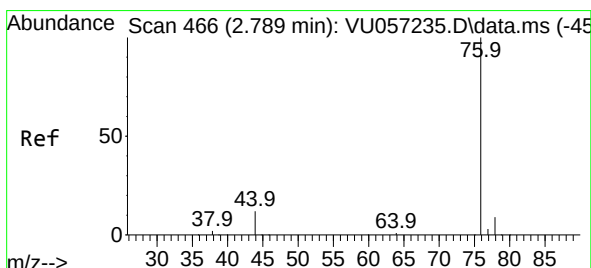
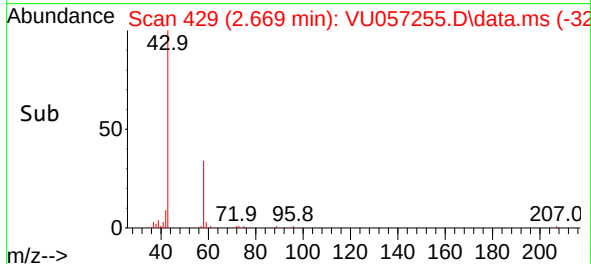
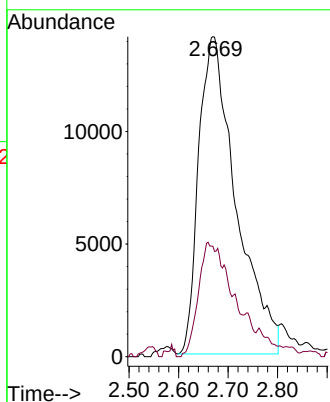
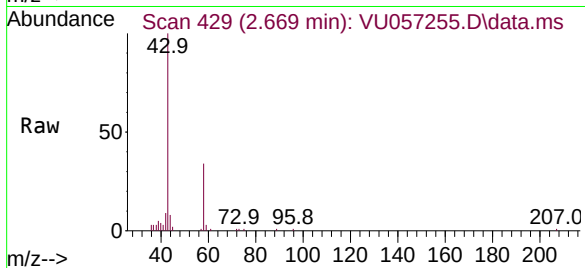
ClientSampleId :

Tgt Ion: 43 Resp: 74159

Ion Ratio Lower Upper

43 100

58 30.2 0.0 70.8



#14

Carbon disulfide

Concen: 4.739 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057255.D

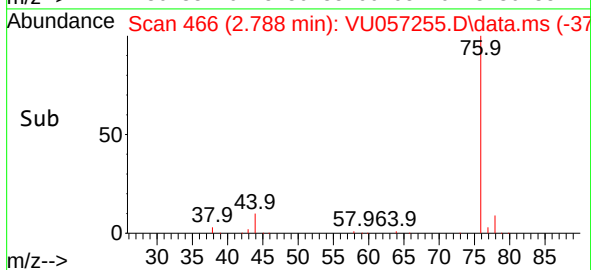
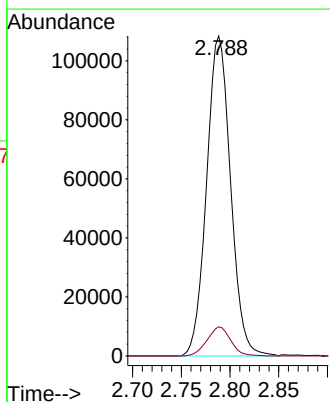
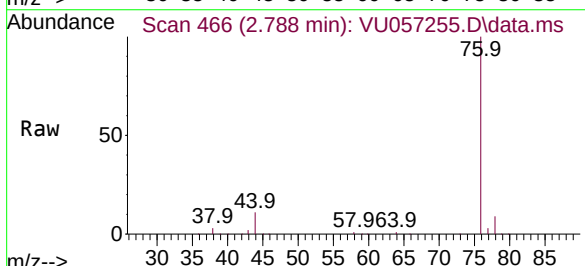
Acq: 27 Dec 2023 00:27

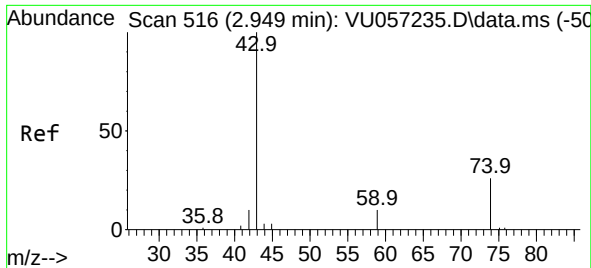
Tgt Ion: 76 Resp: 185714

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

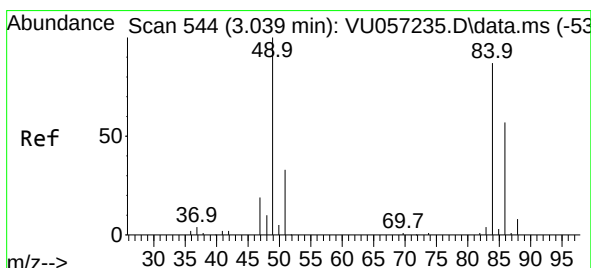
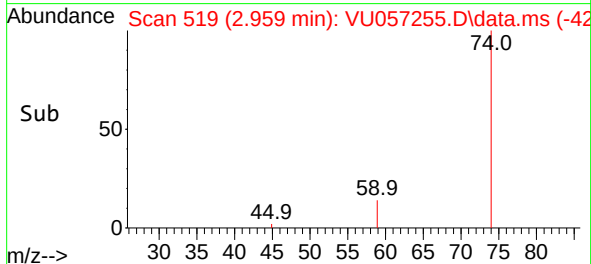
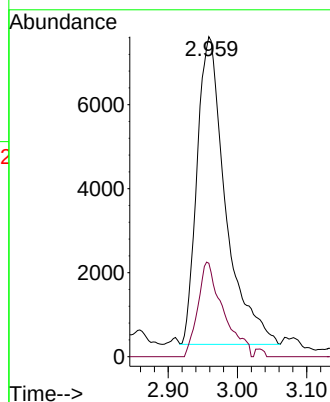
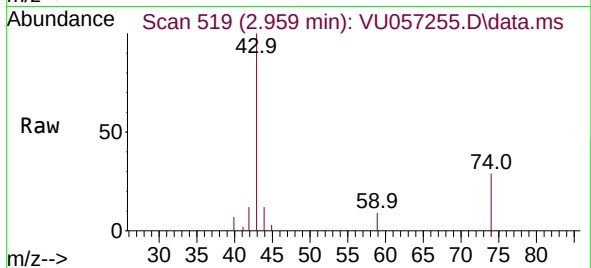




#15
Methyl Acetate
Concen: 5.913 ug/L
RT: 2.959 min Scan# 516
Delta R.T. 0.009 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

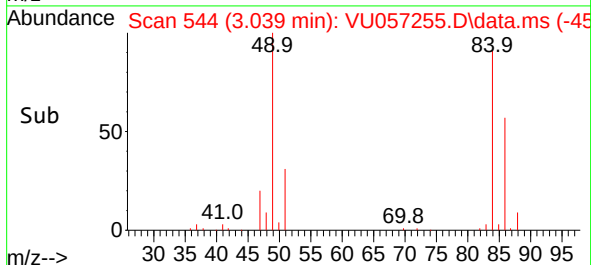
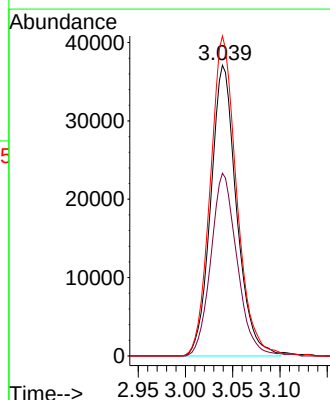
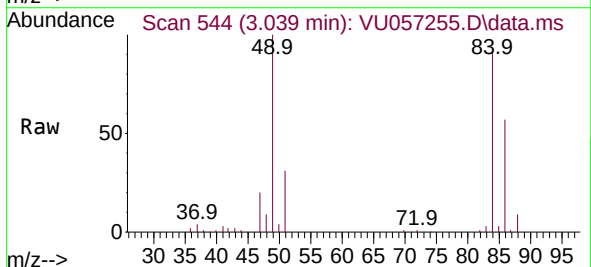
Instrument :
MSVOA_U
ClientSampleId :

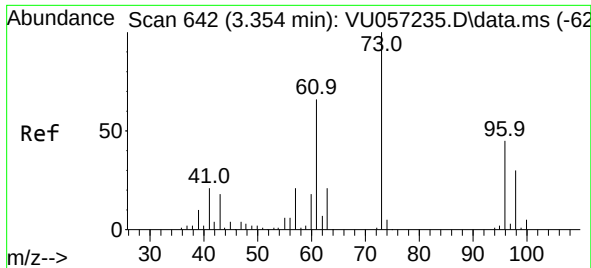
Tgt Ion: 43 Resp: 20960
Ion Ratio Lower Upper
43 100
74 27.4 22.8 34.2



#16
Methylene chloride
Concen: 4.865 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 84 Resp: 70439
Ion Ratio Lower Upper
84 100
86 62.9 44.7 82.9
49 110.1 76.0 141.2

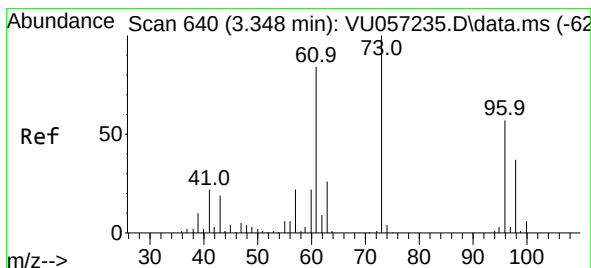
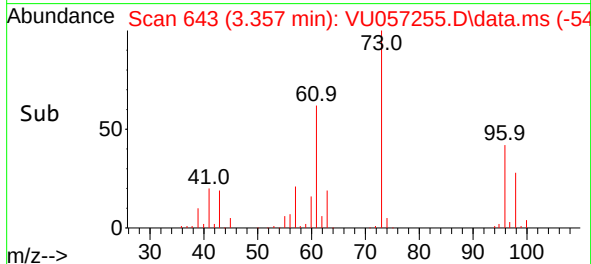
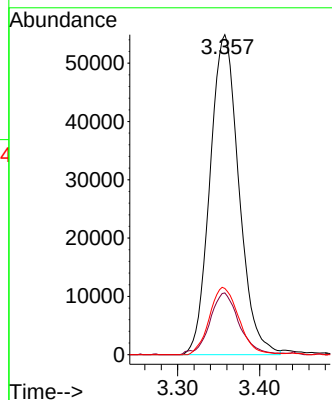
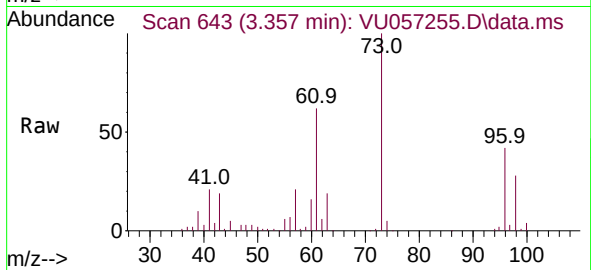




#17
Methyl tert-butyl Ether
Concen: 5.081 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

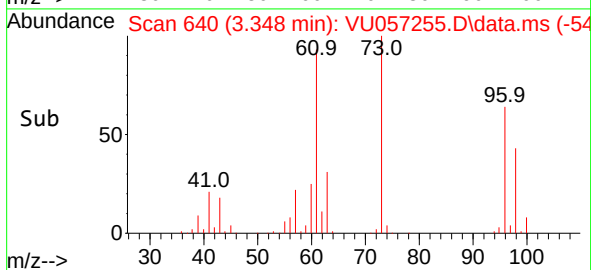
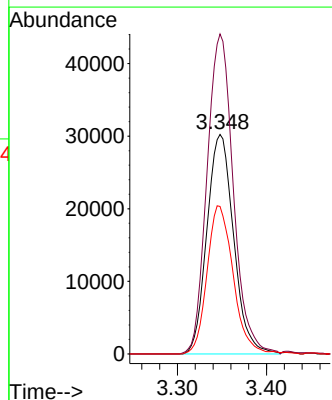
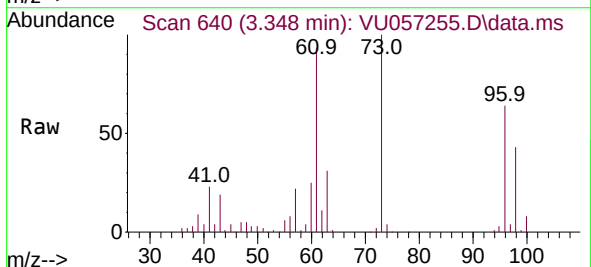
Instrument :
MSVOA_U
ClientSampleId :

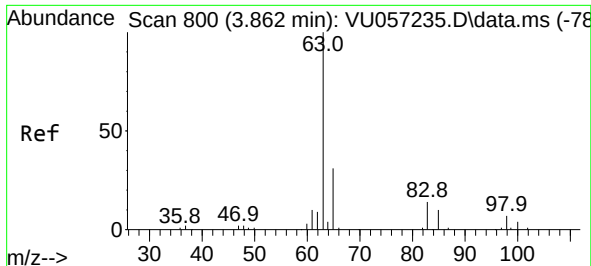
Tgt Ion: 73 Resp: 134379
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.0
57 21.4 16.2 24.2



#18
trans-1,2-Dichloroethene
Concen: 5.193 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

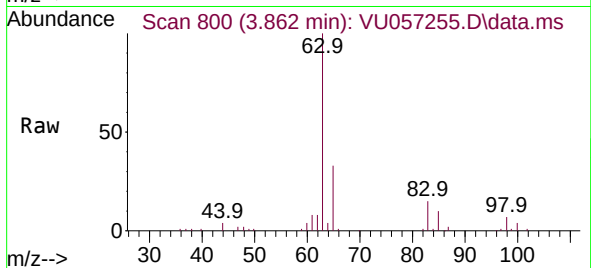
Tgt Ion: 96 Resp: 63069
Ion Ratio Lower Upper
96 100
61 145.8 98.4 182.8
98 67.2 43.6 81.0



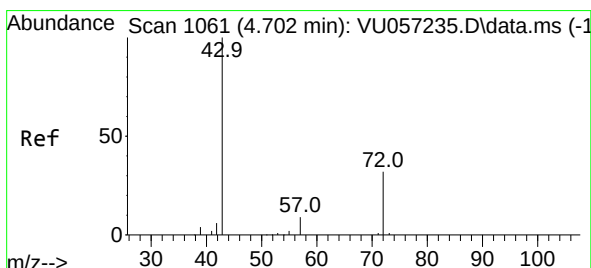
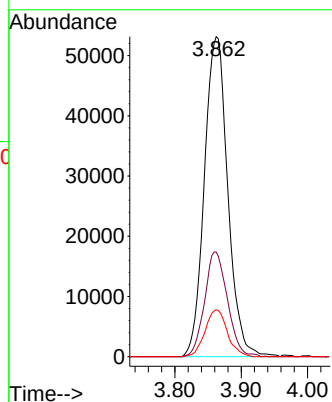
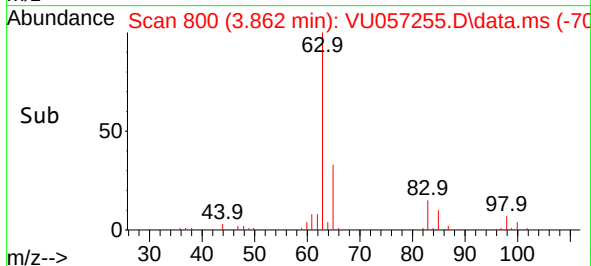


#19
1,1-Dichloroethane
Concen: 5.411 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Instrument :
MSVOA_U
ClientSampleId :

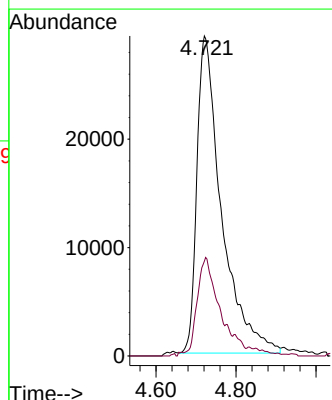
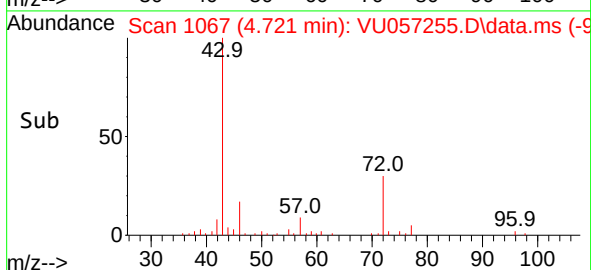
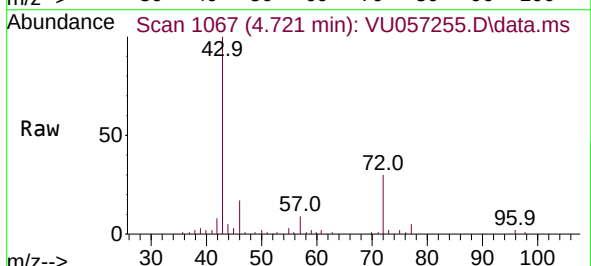


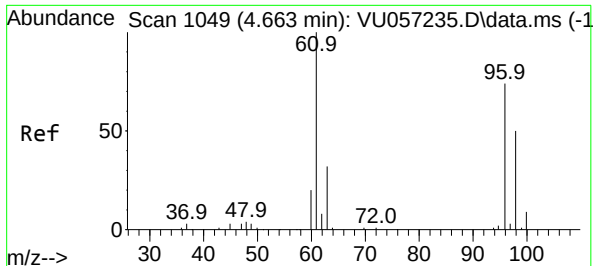
Tgt Ion: 63 Resp: 130426
Ion Ratio Lower Upper
63 100
65 32.7 21.6 40.2
83 14.6 10.2 19.0



#21
2-Butanone
Concen: 54.653 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 43 Resp: 125191
Ion Ratio Lower Upper
43 100
72 24.8 16.3 48.8





#22

cis-1,2-Dichloroethene

Concen: 5.271 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :

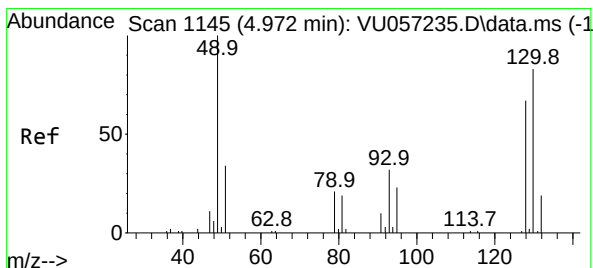
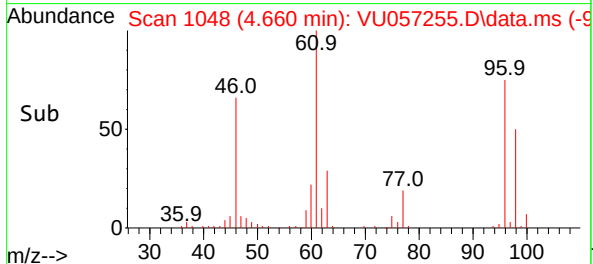
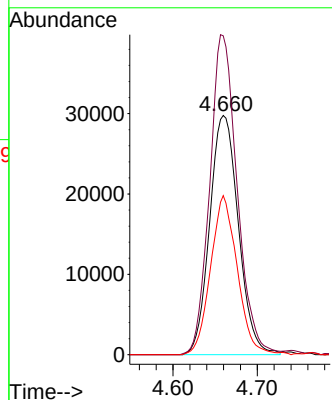
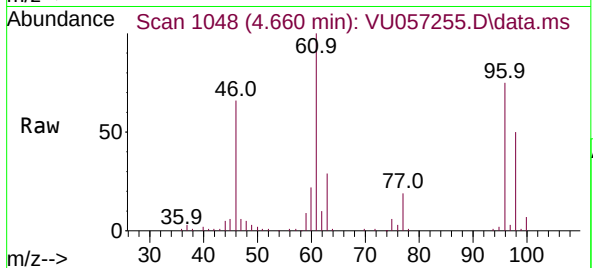
Tgt Ion: 96 Resp: 70496

Ion Ratio Lower Upper

96 100

61 133.3 86.8 161.2

98 66.5 45.5 84.5



#23

Bromochloromethane

Concen: 5.213 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Tgt Ion: 128 Resp: 30215

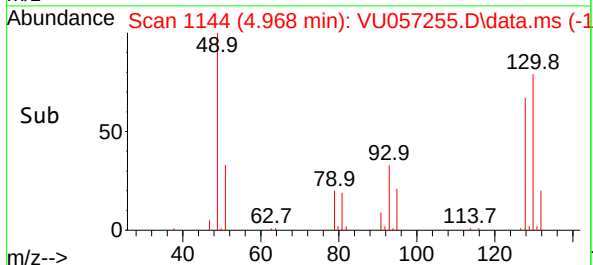
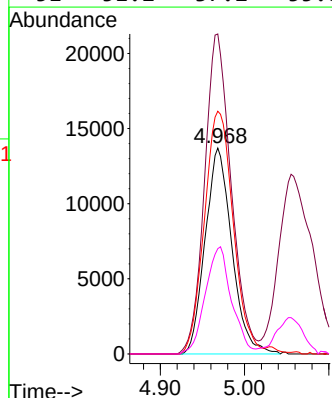
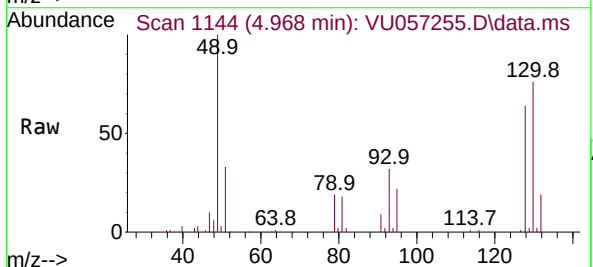
Ion Ratio Lower Upper

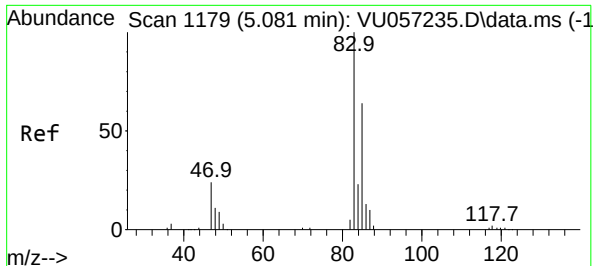
128 100

49 160.4 102.7 190.7

130 117.8 94.7 175.9

51 51.2 37.2 55.8





#25

Chloroform

Concen: 5.143 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

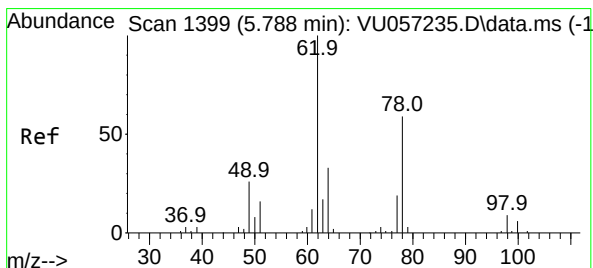
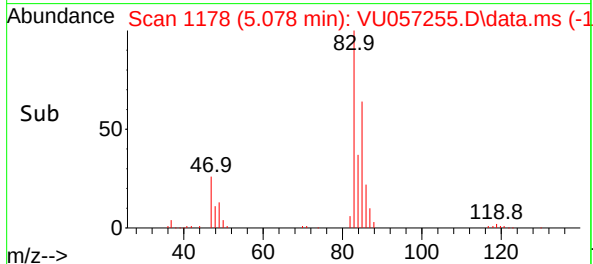
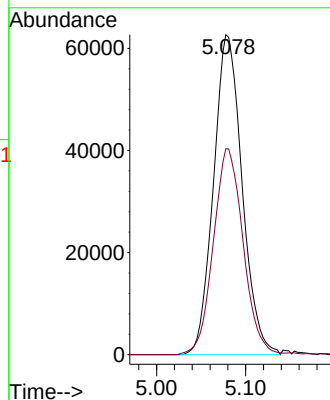
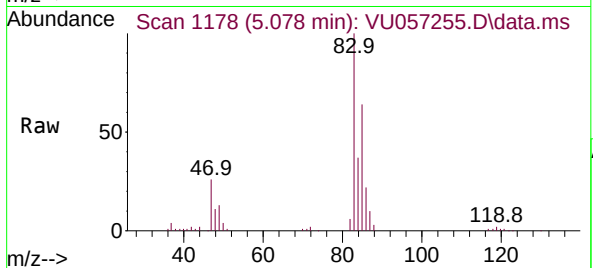
ClientSampleId :

Tgt Ion: 83 Resp: 139814

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.083 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057255.D

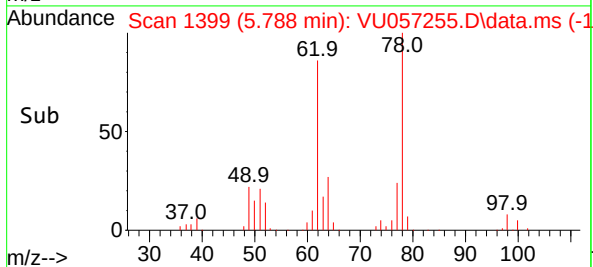
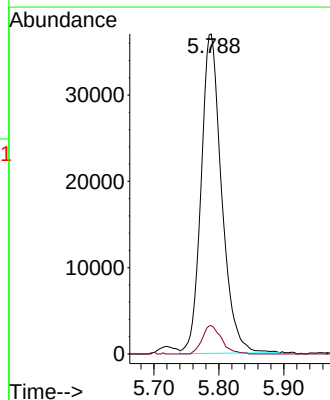
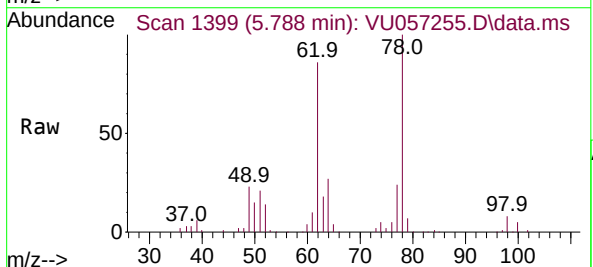
Acq: 27 Dec 2023 00:27

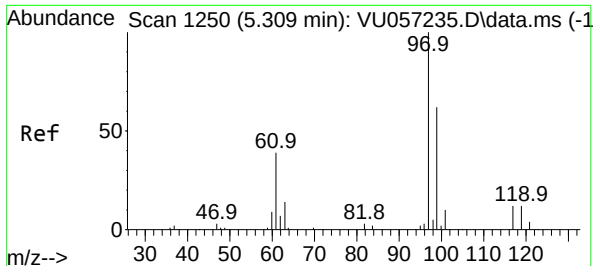
Tgt Ion: 62 Resp: 81534

Ion Ratio Lower Upper

62 100

98 8.8 6.3 9.5





#29

1,1,1-Trichloroethane

Concen: 4.596 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :

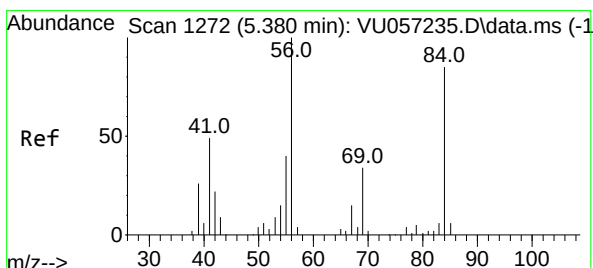
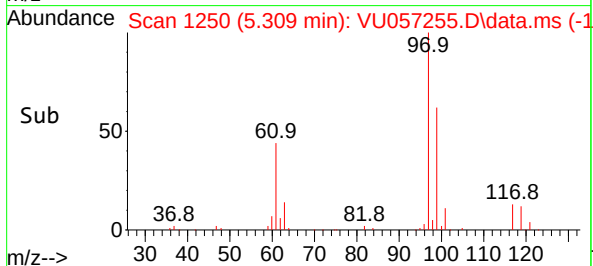
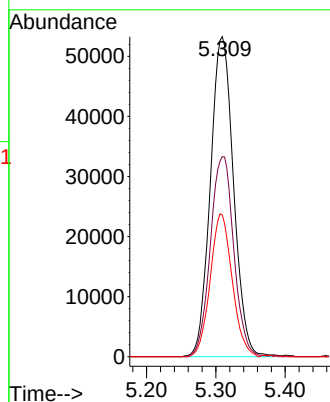
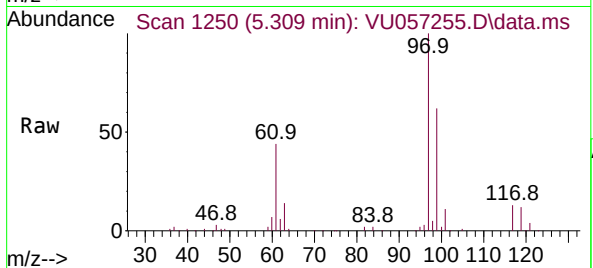
Tgt Ion: 97 Resp: 123685

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 42.3 32.5 48.7



#30

Cyclohexane

Concen: 4.829 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

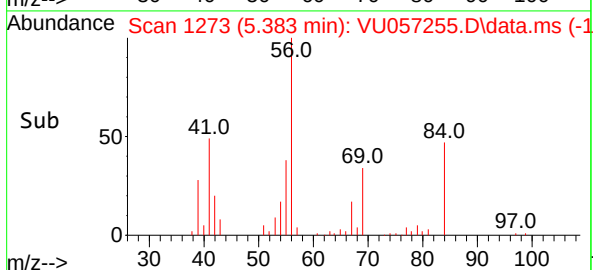
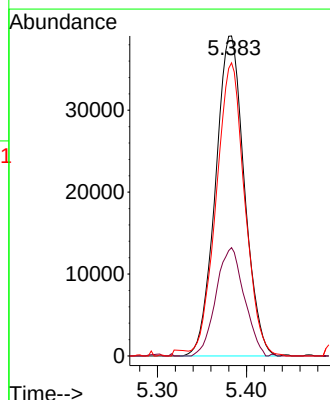
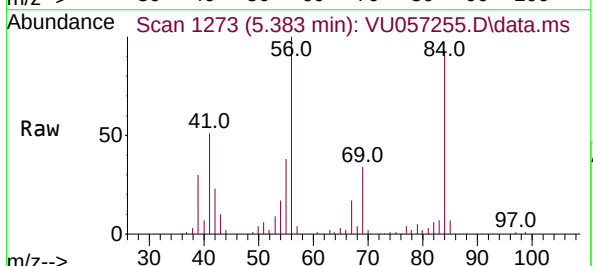
Tgt Ion: 56 Resp: 87871

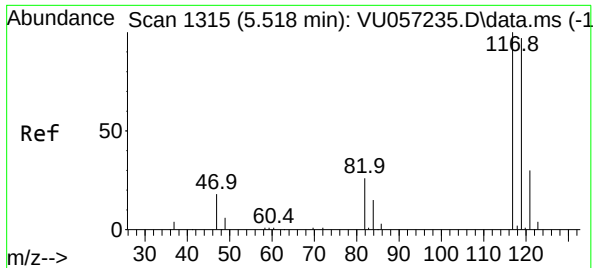
Ion Ratio Lower Upper

56 100

69 33.1 26.7 40.1

84 90.7 74.9 112.3

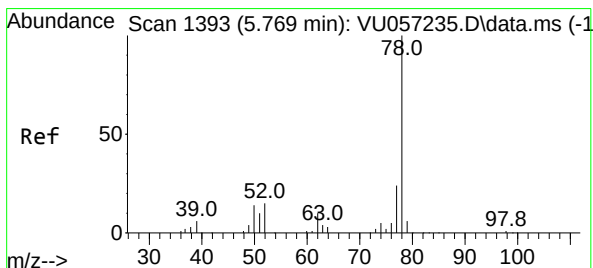
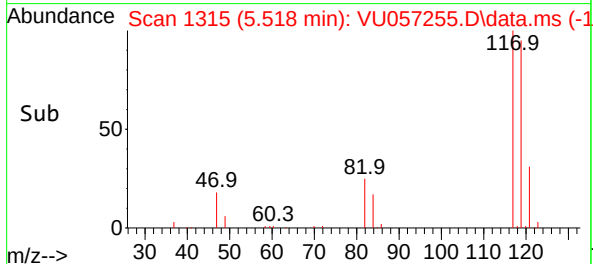
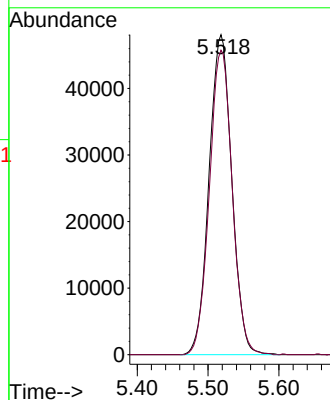
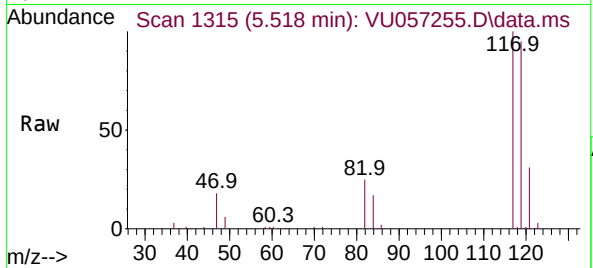




#31
Carbon tetrachloride
Concen: 4.524 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

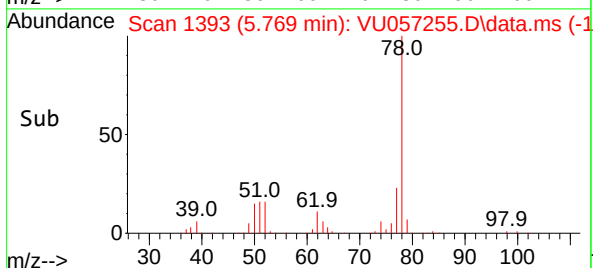
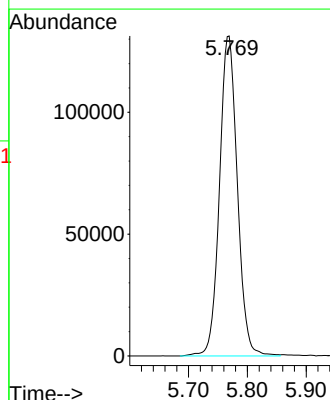
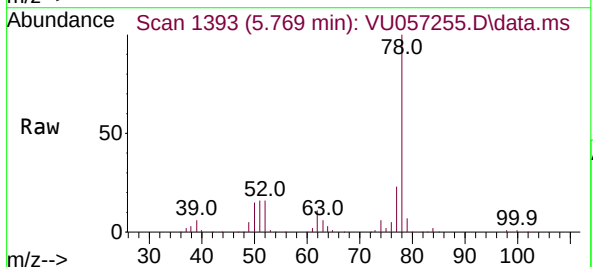
Instrument :
MSVOA_U
ClientSampleId :

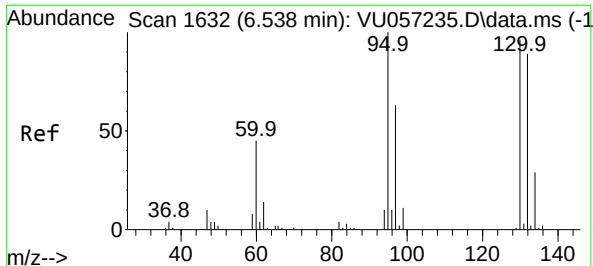
Tgt Ion:117 Resp: 107098
Ion Ratio Lower Upper
117 100
119 95.6 75.1 112.7



#33
Benzene
Concen: 5.155 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

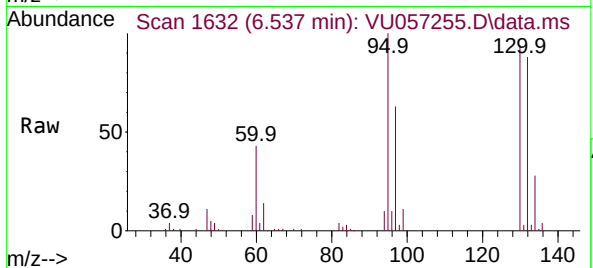
Tgt Ion: 78 Resp: 276722



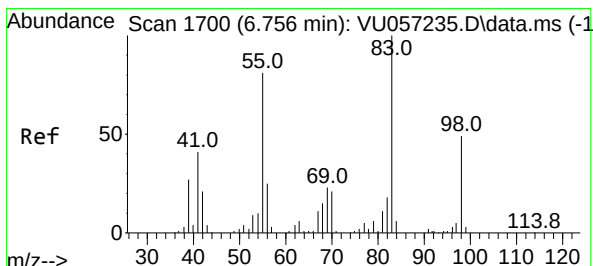
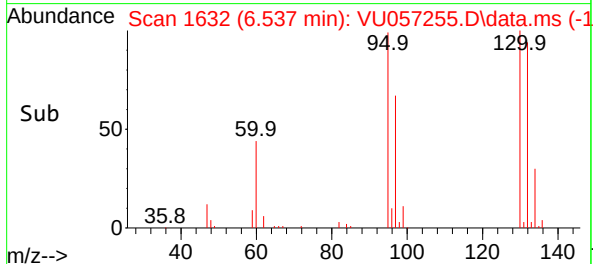
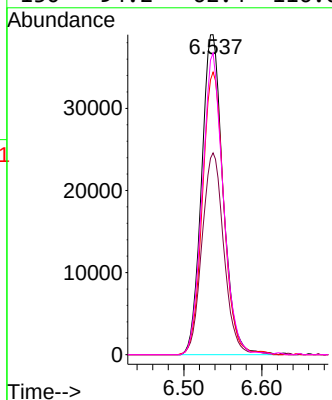


#34
Trichloroethene
Concen: 4.756 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Instrument :
MSVOA_U
ClientSampleId :

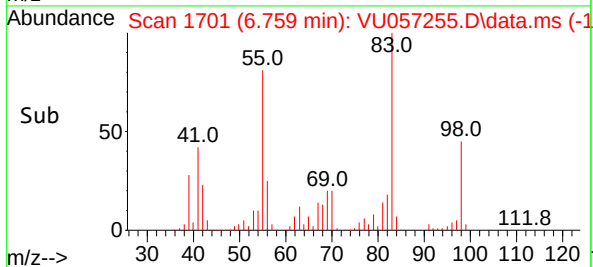
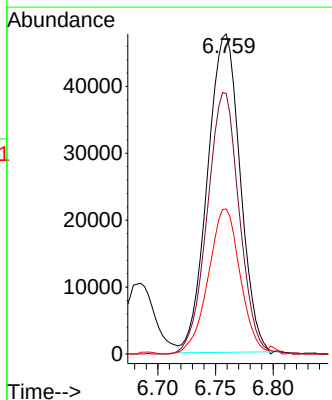
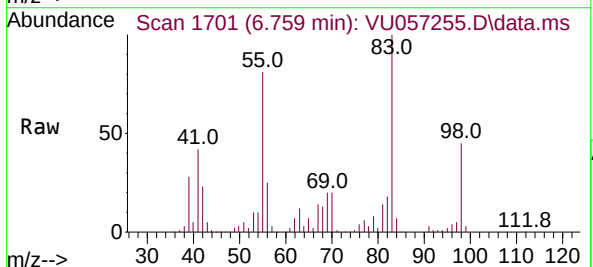


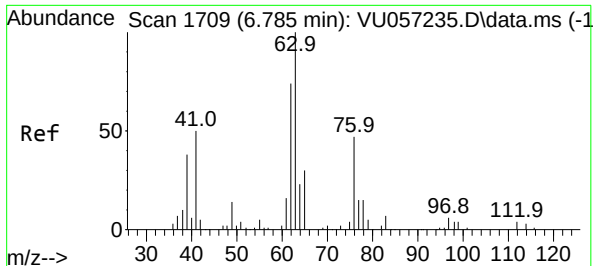
Tgt Ion: 95 Resp: 74655
Ion Ratio Lower Upper
95 100
97 63.0 44.3 82.3
132 88.3 62.6 116.2
130 94.2 62.4 116.0



#35
Methylcyclohexane
Concen: 4.526 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 83 Resp: 93530
Ion Ratio Lower Upper
83 100
55 80.9 61.3 91.9
98 44.7 36.6 55.0





#37

1,2-Dichloropropane

Concen: 5.509 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

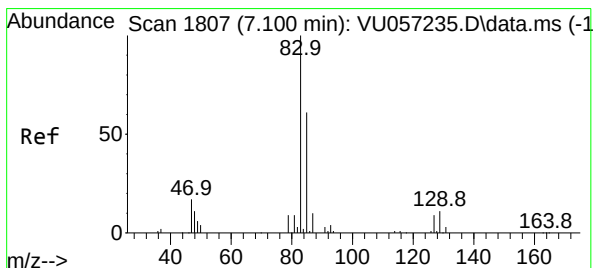
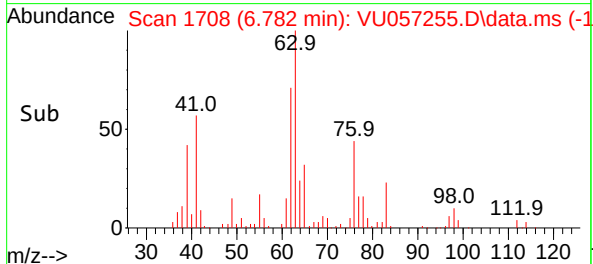
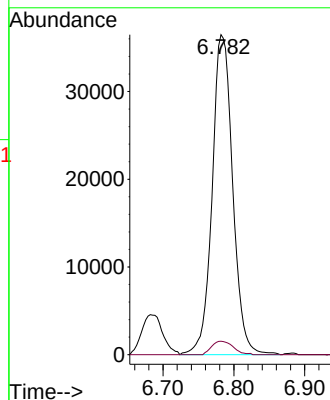
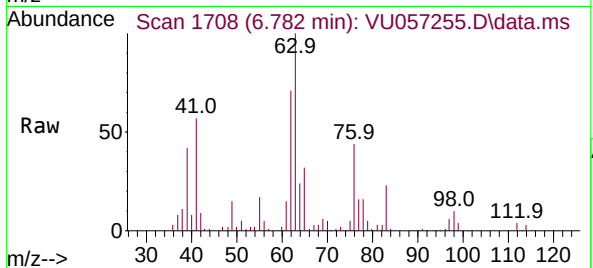
ClientSampleId :

Tgt Ion: 63 Resp: 73560

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 5.045 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

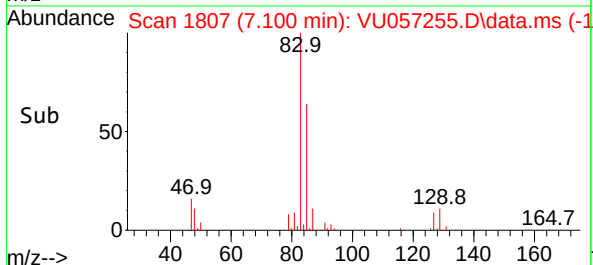
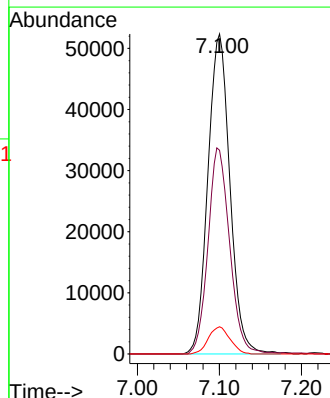
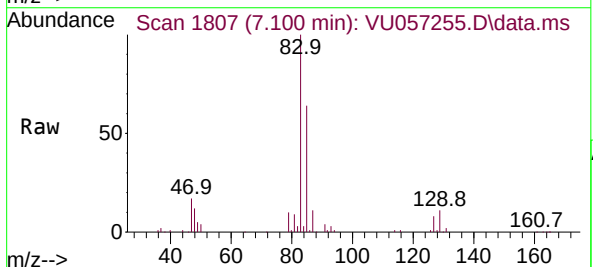
Tgt Ion: 83 Resp: 97476

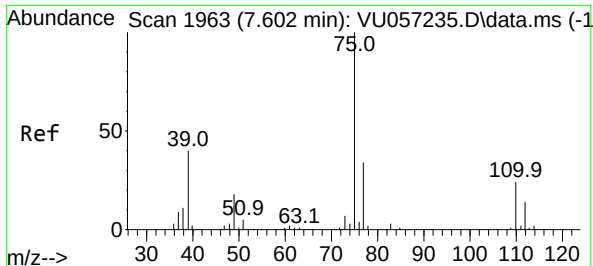
Ion Ratio Lower Upper

83 100

85 63.7 45.8 85.0

127 8.5 7.4 11.2

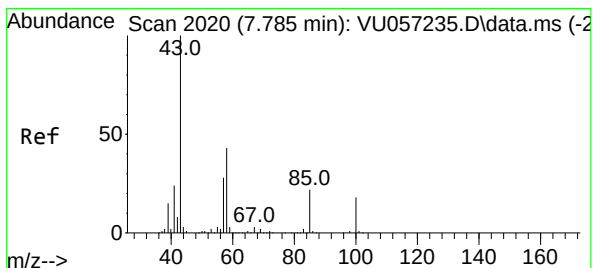
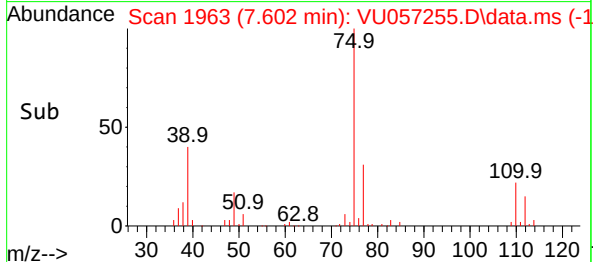
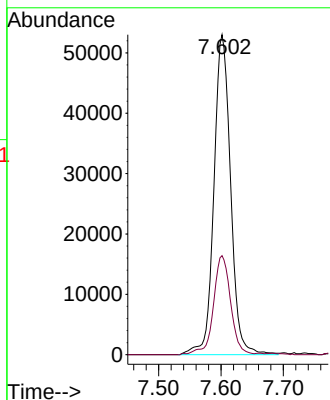
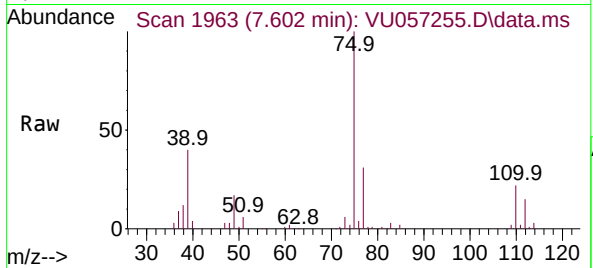




#39
 cis-1,3-Dichloropropene
 Concen: 4.914 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

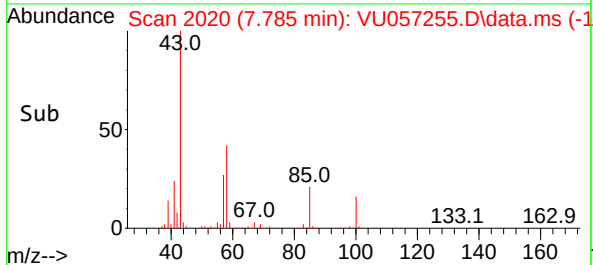
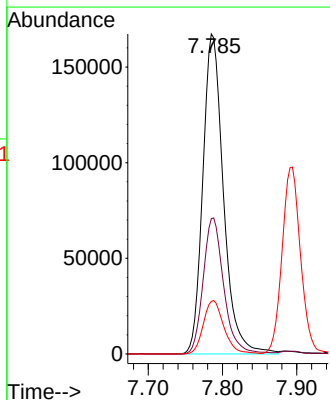
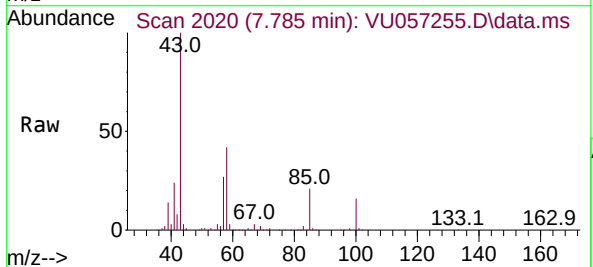
Instrument :
 MSVOA_U
 ClientSampleId :

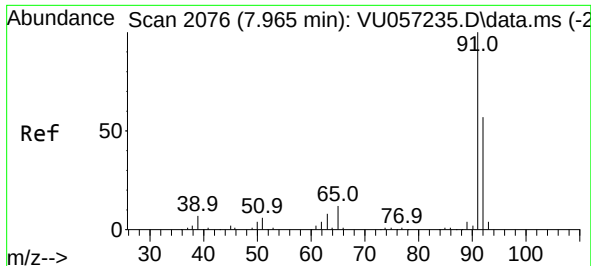
Tgt Ion: 75 Resp: 98702
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 55.685 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU057255.D
 Acq: 27 Dec 2023 00:27

Tgt Ion: 43 Resp: 323250
 Ion Ratio Lower Upper
 43 100
 58 42.4 34.8 52.2
 100 16.6 14.6 21.8





#42

Toluene

Concen: 5.186 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

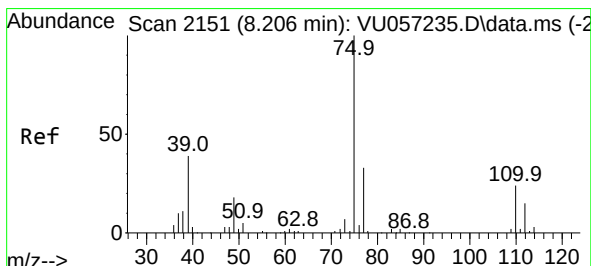
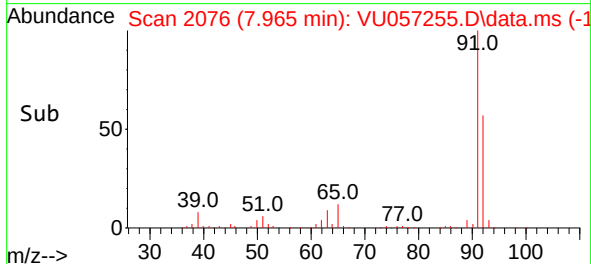
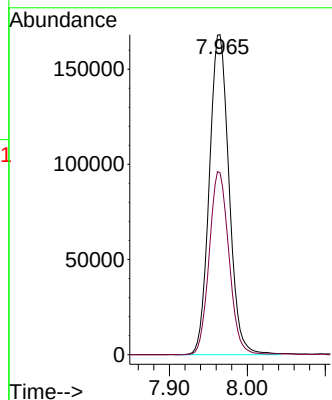
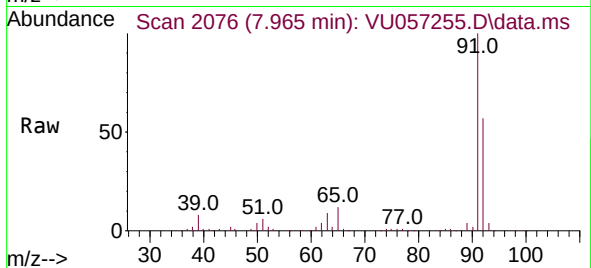
ClientSampleId :

Tgt Ion: 91 Resp: 295053

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.786 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057255.D

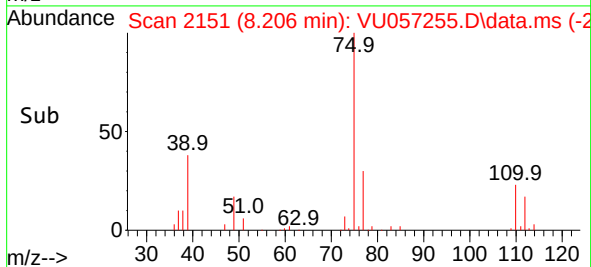
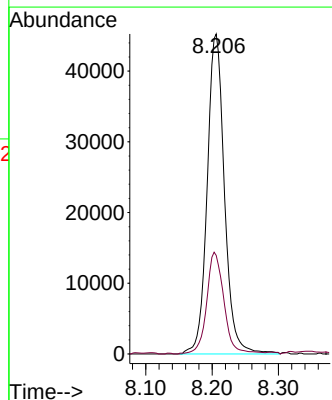
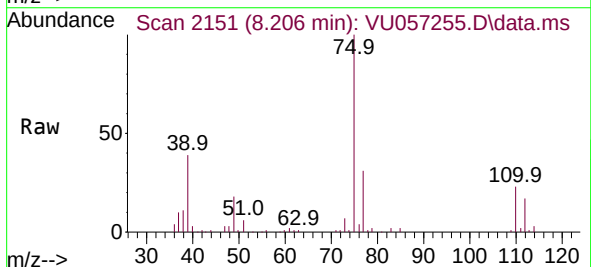
Acq: 27 Dec 2023 00:27

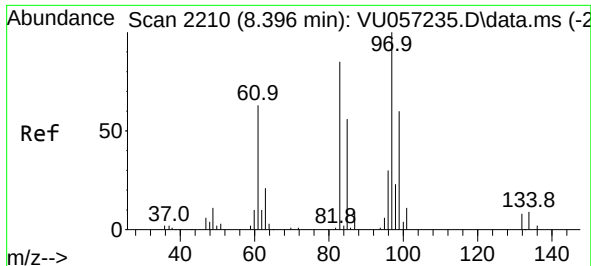
Tgt Ion: 75 Resp: 82048

Ion Ratio Lower Upper

75 100

77 30.8 21.4 39.8



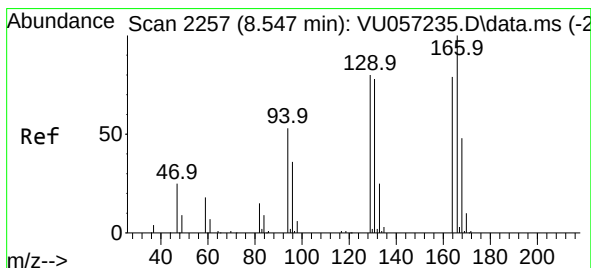
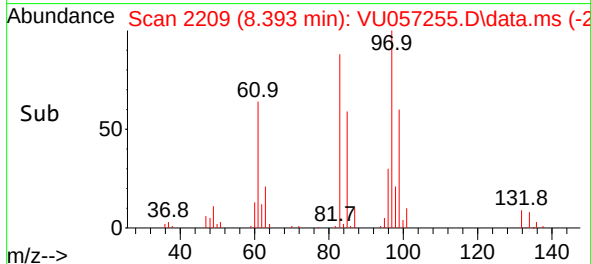
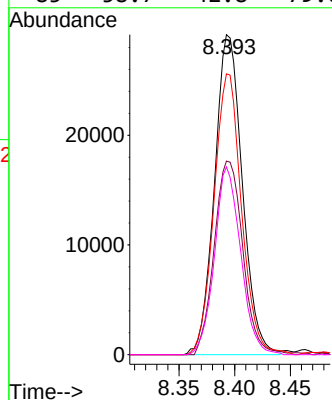
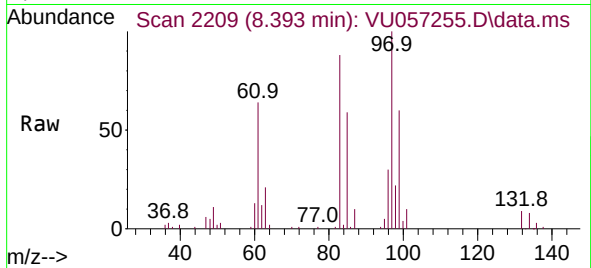


#45
1,1,2-Trichloroethane
Concen: 5.494 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 50613

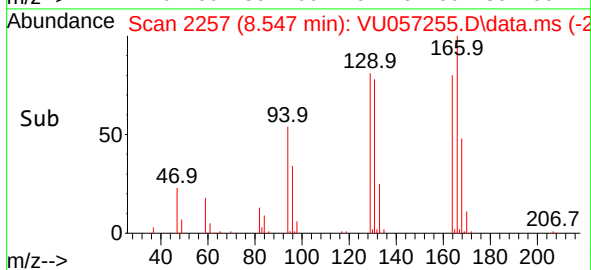
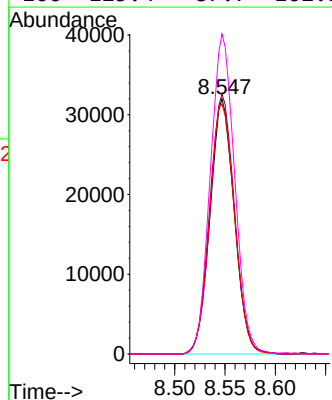
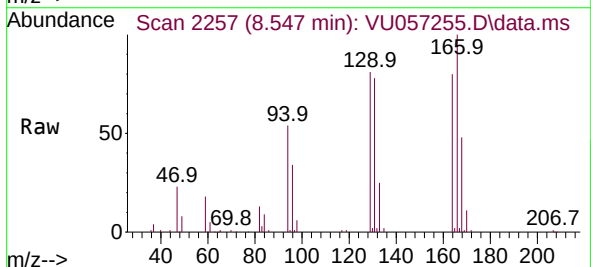
Ion	Ratio	Lower	Upper
97	100		
99	60.5	47.0	87.2
83	87.8	62.1	115.3
85	58.7	42.8	79.6

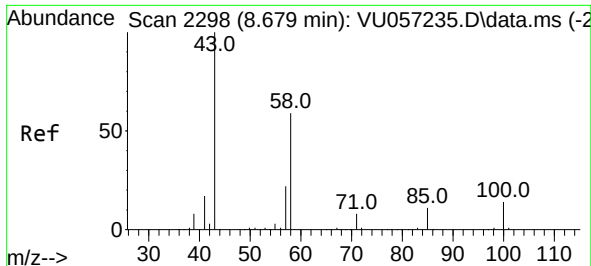


#47
Tetrachloroethene
Concen: 4.763 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 164 Resp: 53575

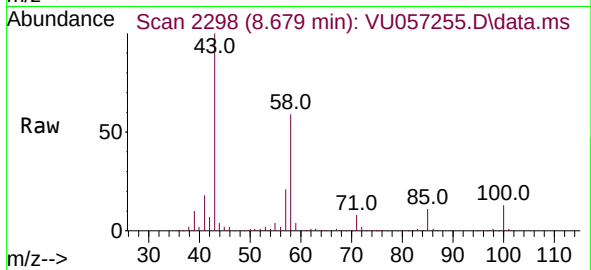
Ion	Ratio	Lower	Upper
164	100		
129	101.9	72.9	135.3
131	98.1	71.7	133.3
166	125.4	87.7	162.9



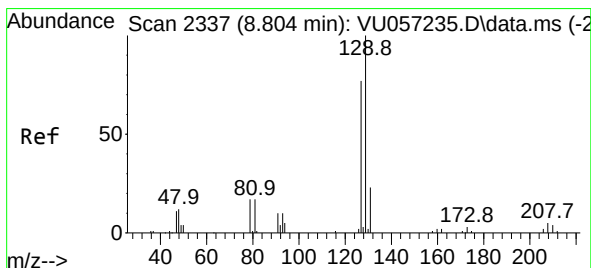
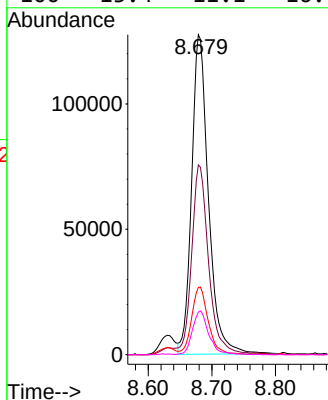
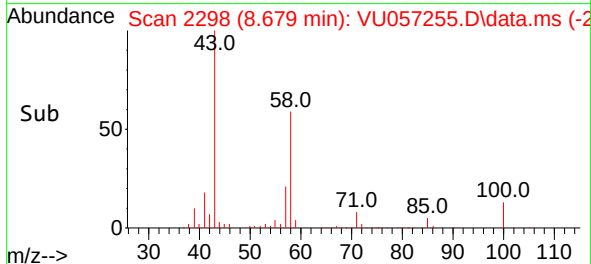


#48
2-Hexanone
Concen: 54.824 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Instrument :
MSVOA_U
ClientSampleId :

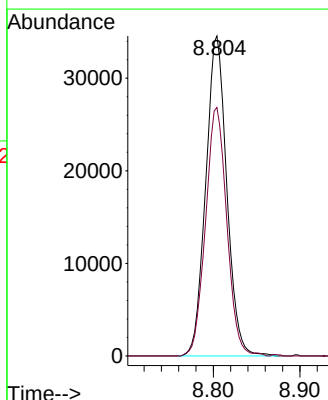
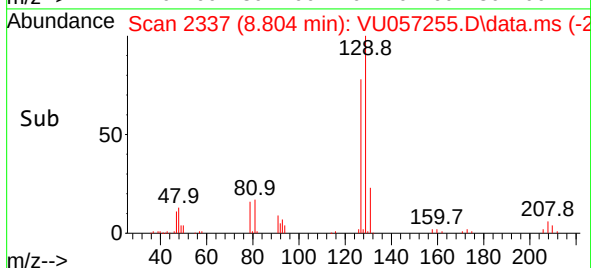
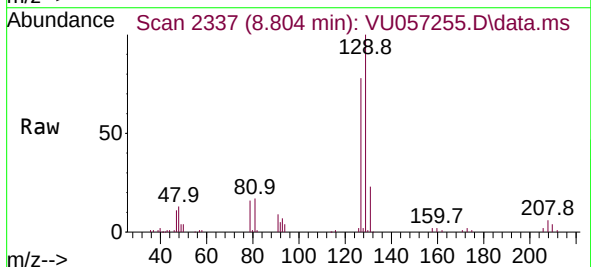


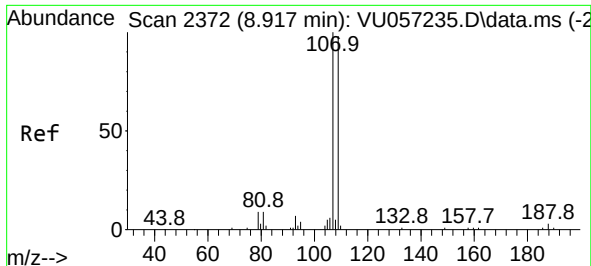
Tgt Ion:	43	Resp:	234154
Ion	Ratio	Lower	Upper
43	100		
58	58.6	49.8	74.8
57	20.8	18.5	27.7
100	13.4	11.1	16.7



#49
Dibromochloromethane
Concen: 4.885 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion:	129	Resp:	58345
Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.2	102.6

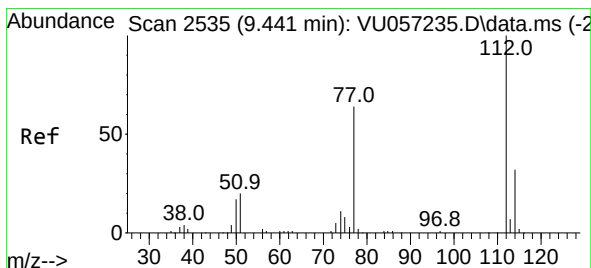
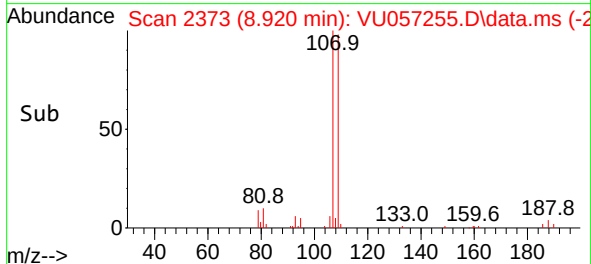
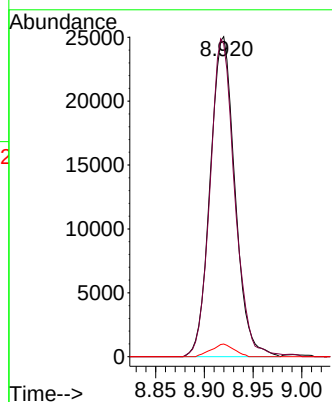
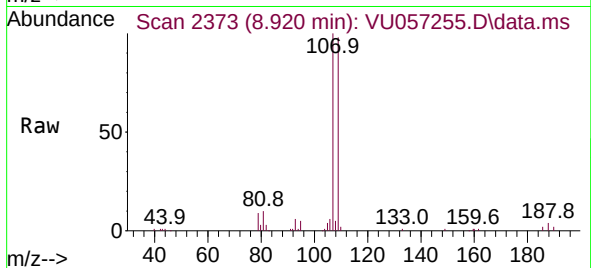




#50
1,2-Dibromoethane
Concen: 5.111 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

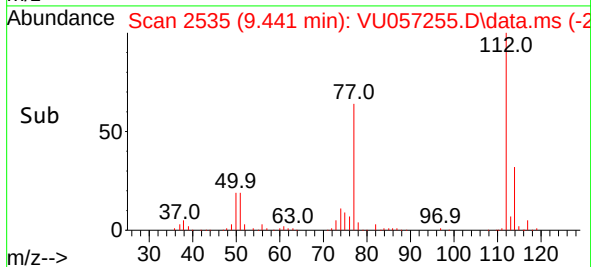
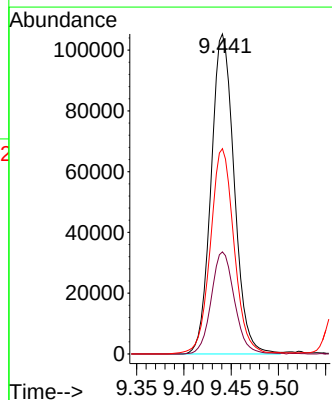
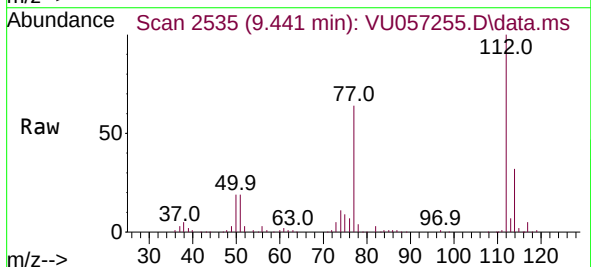
Instrument :
MSVOA_U
ClientSampleId :

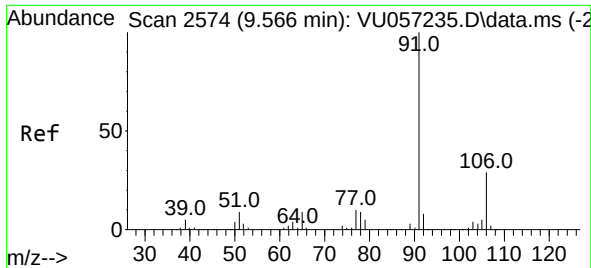
Tgt Ion:107 Resp: 44205
Ion Ratio Lower Upper
107 100
109 97.7 66.8 124.2
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 4.842 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion:112 Resp: 179301
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 64.1 52.2 78.2

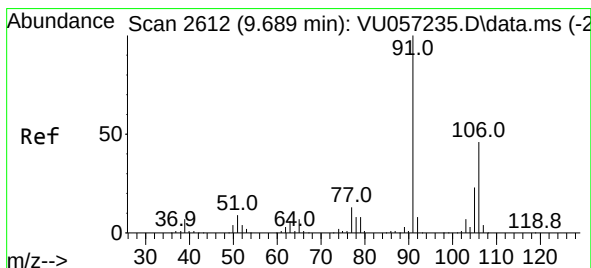
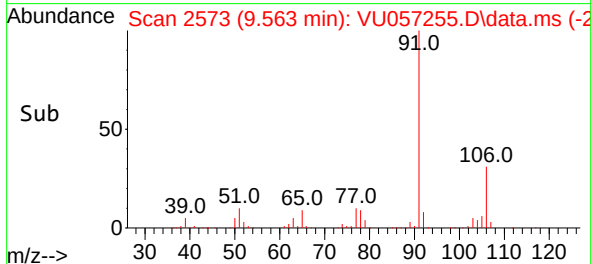
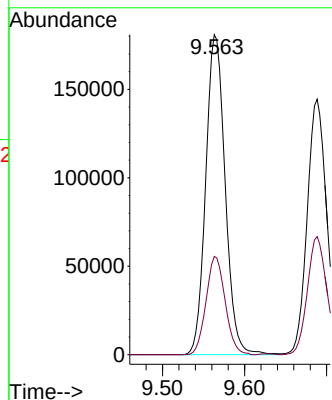
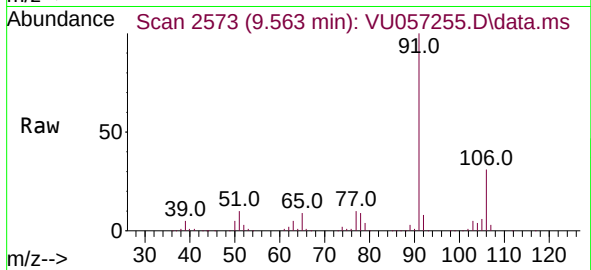




#52
Ethylbenzene
Concen: 4.639 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

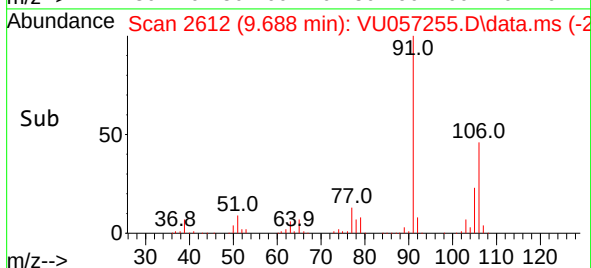
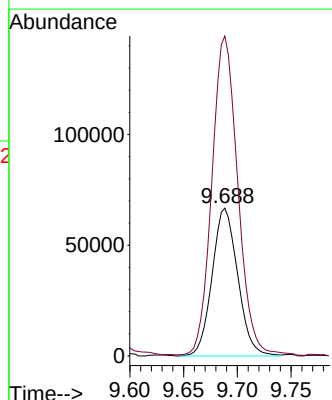
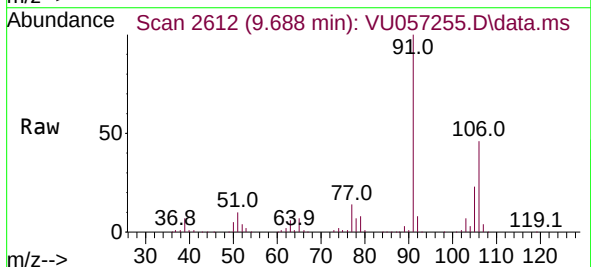
Instrument :
MSVOA_U
ClientSampleId :

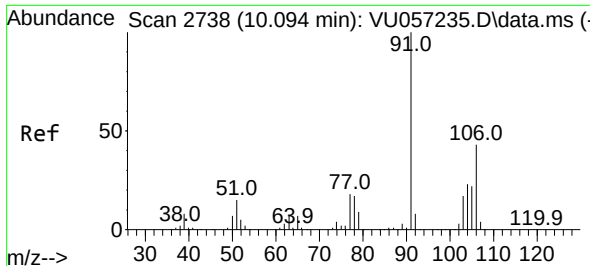
Tgt Ion: 91 Resp: 297390
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.2



#53
m,p-Xylene
Concen: 4.726 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 106 Resp: 110814
Ion Ratio Lower Upper
106 100
91 216.4 154.5 286.9

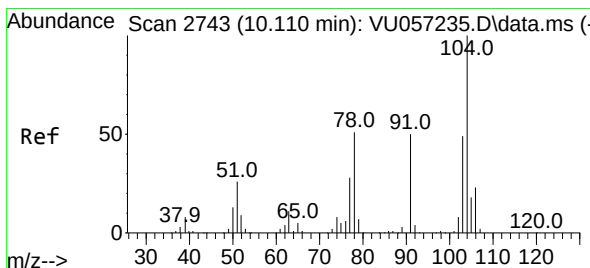
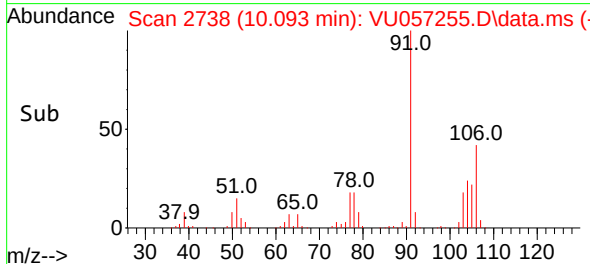
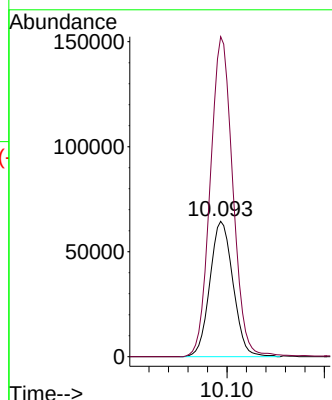
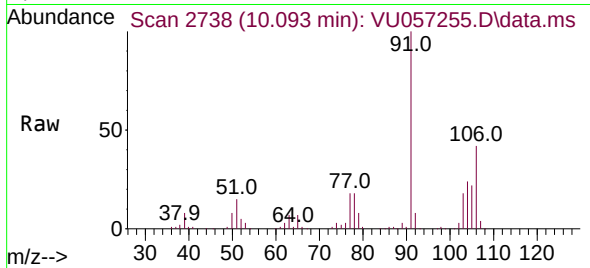




#54
o-Xylene
Concen: 4.706 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

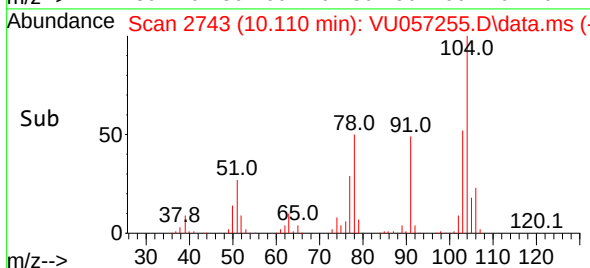
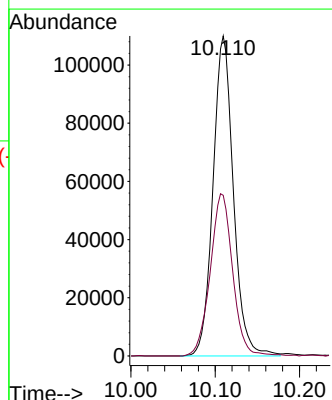
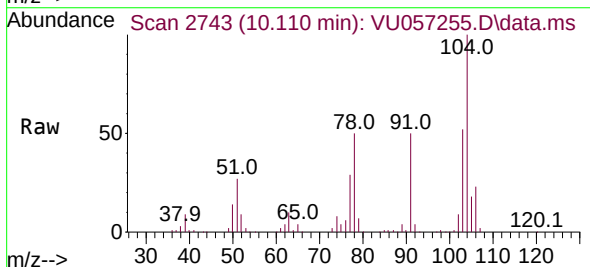
Instrument :
MSVOA_U
ClientSampleId :

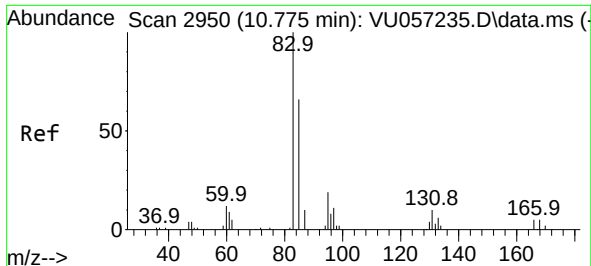
Tgt Ion:106 Resp: 106485
Ion Ratio Lower Upper
106 100
91 236.4 165.4 307.2



#55
Styrene
Concen: 4.951 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion:104 Resp: 184752
Ion Ratio Lower Upper
104 100
78 50.2 35.8 66.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.497 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :

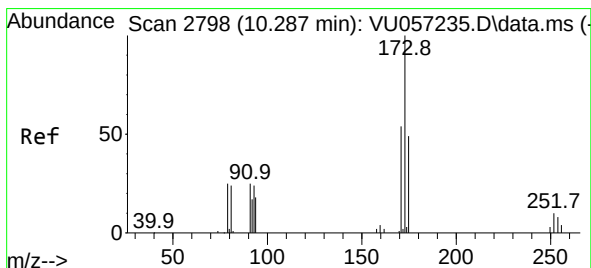
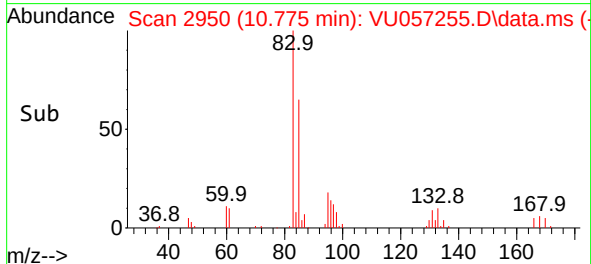
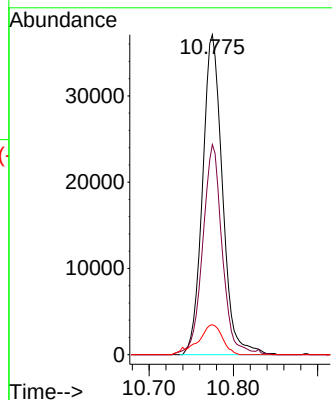
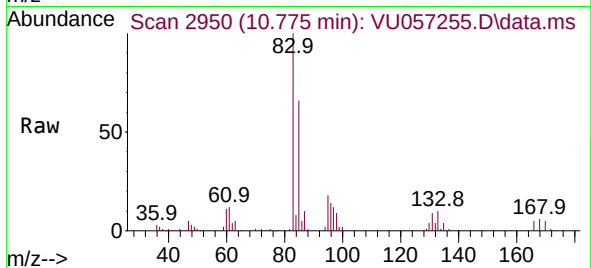
Tgt Ion: 83 Resp: 61062

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2

131 9.4 7.0 10.6



#59

Bromoform

Concen: 4.833 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

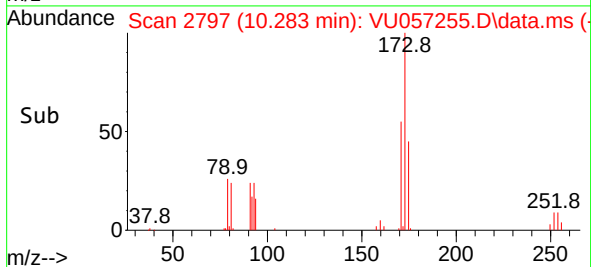
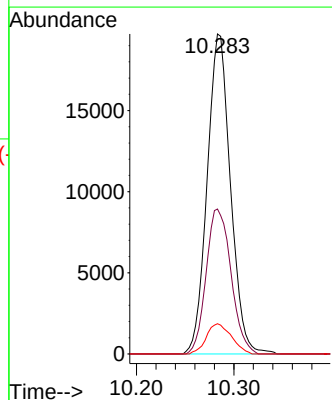
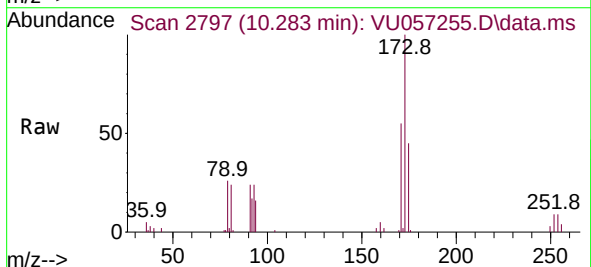
Tgt Ion:173 Resp: 32768

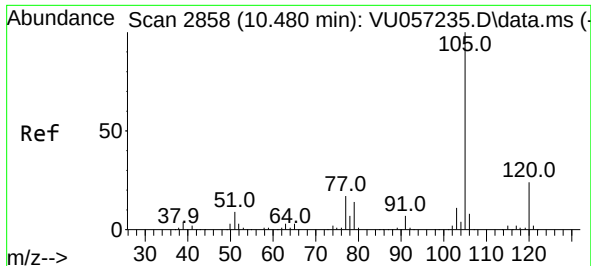
Ion Ratio Lower Upper

173 100

175 48.3 40.5 60.7

254 10.2 8.1 12.1

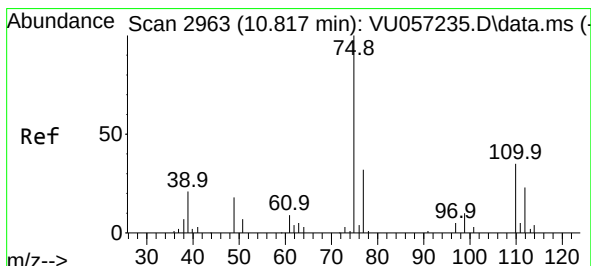
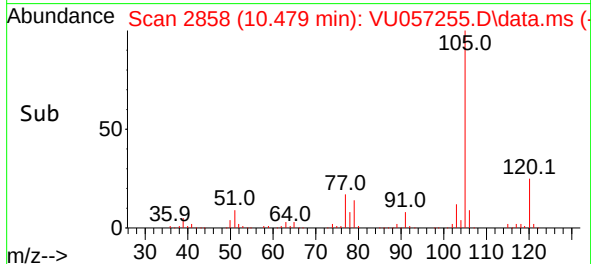
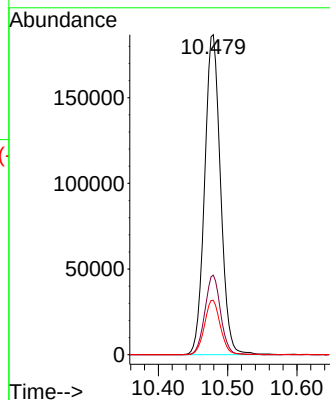
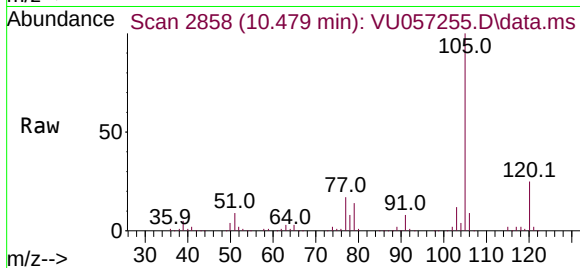




#60
Isopropylbenzene
Concen: 4.561 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

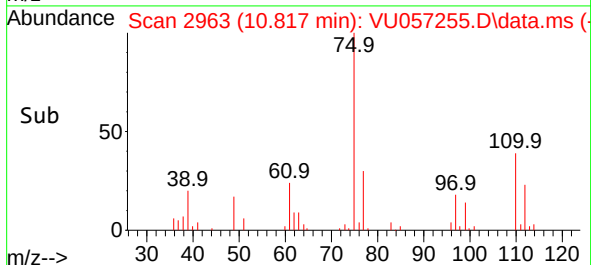
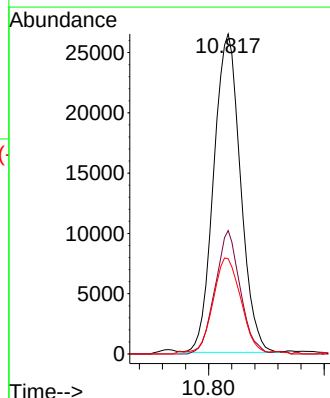
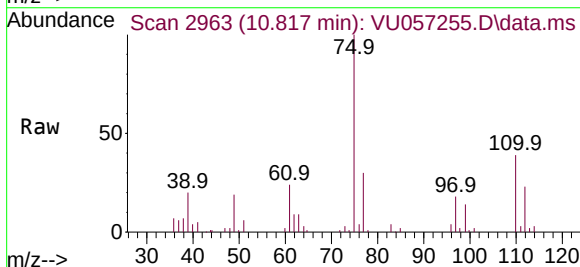
Instrument :
MSVOA_U
ClientSampleId :

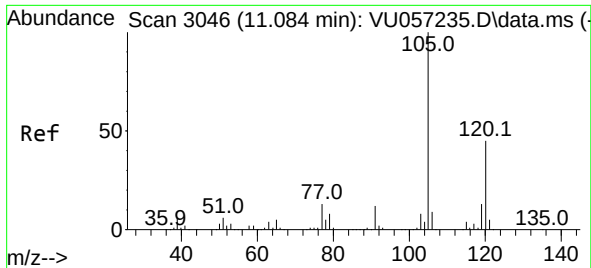
Tgt Ion:105 Resp: 297140
Ion Ratio Lower Upper
105 100
120 24.5 19.8 29.8
77 17.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.164 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

Tgt Ion: 75 Resp: 42514
Ion Ratio Lower Upper
75 100
110 36.3 31.2 46.8
77 31.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.331 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

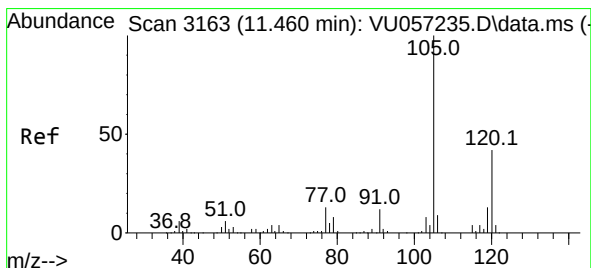
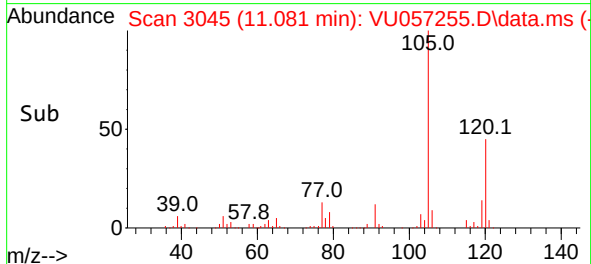
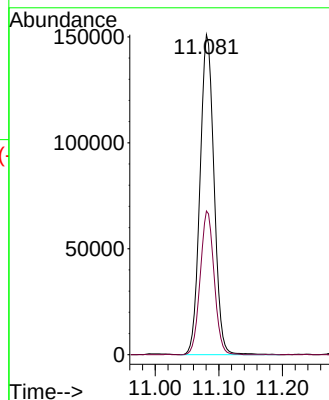
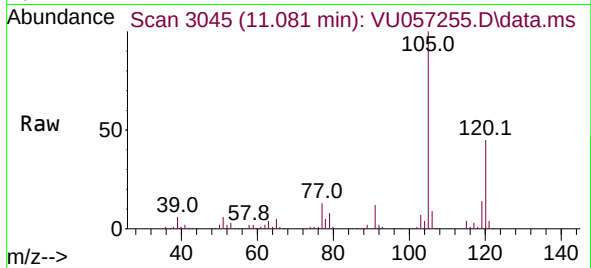
ClientSampleId :

Tgt Ion:105 Resp: 231212

Ion Ratio Lower Upper

105 100

120 44.5 35.8 53.8



#63

1,2,4-Trimethylbenzene

Concen: 4.369 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU057255.D

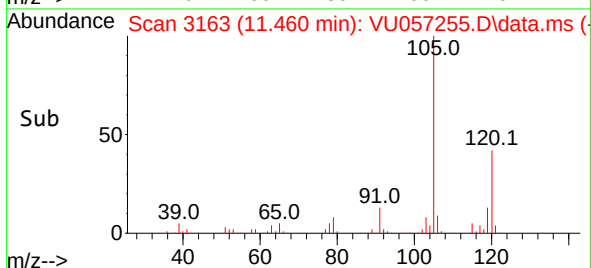
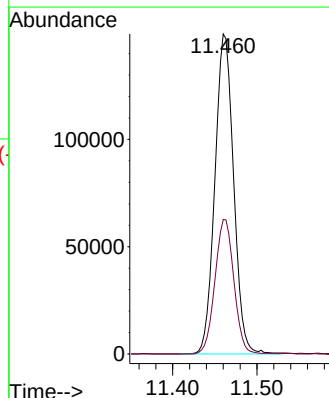
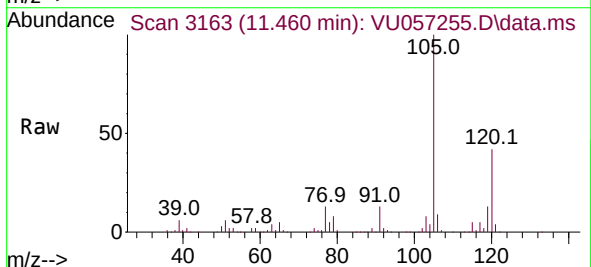
Acq: 27 Dec 2023 00:27

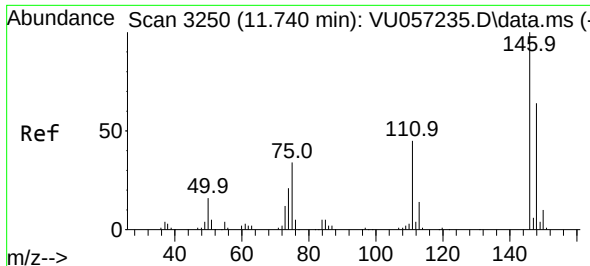
Tgt Ion:105 Resp: 230121

Ion Ratio Lower Upper

105 100

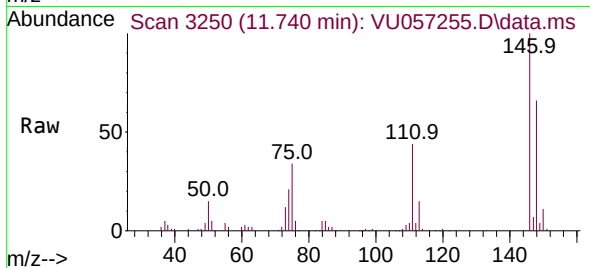
120 42.5 33.9 50.9



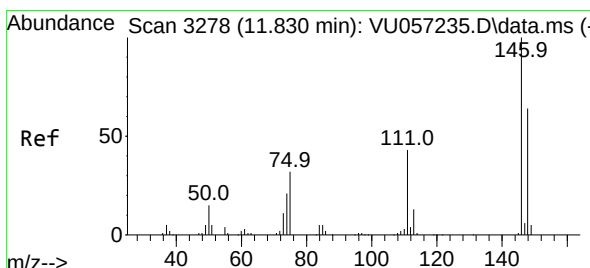
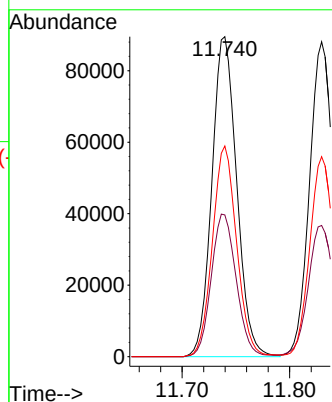
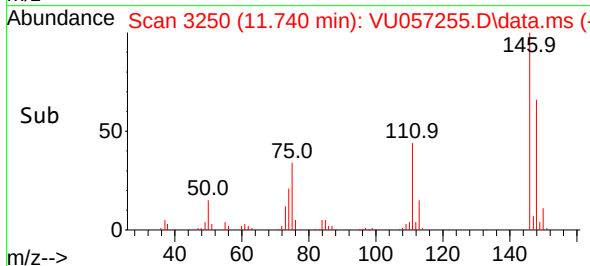


#64
1,3-Dichlorobenzene
Concen: 4.667 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27

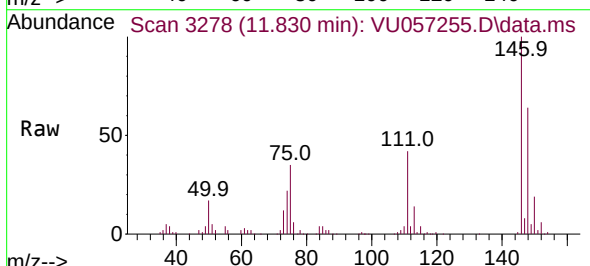
Instrument :
MSVOA_U
ClientSampleId :



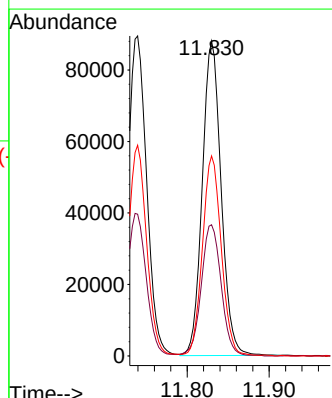
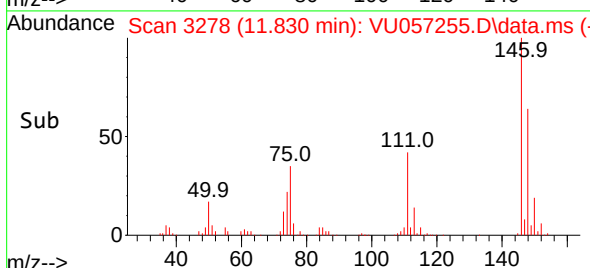
Tgt Ion:146 Resp: 143683
Ion Ratio Lower Upper
146 100
111 44.3 30.4 56.4
148 65.9 43.4 80.6

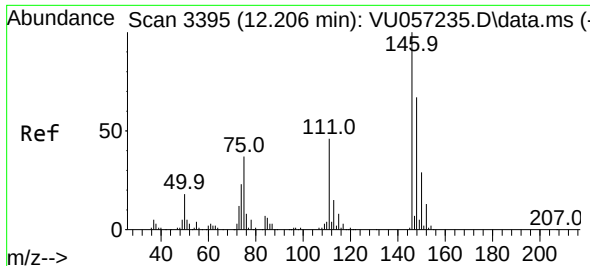


#65
1,4-Dichlorobenzene
Concen: 4.545 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057255.D
Acq: 27 Dec 2023 00:27



Tgt Ion:146 Resp: 140875
Ion Ratio Lower Upper
146 100
111 41.7 28.1 52.3
148 63.5 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 4.695 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :

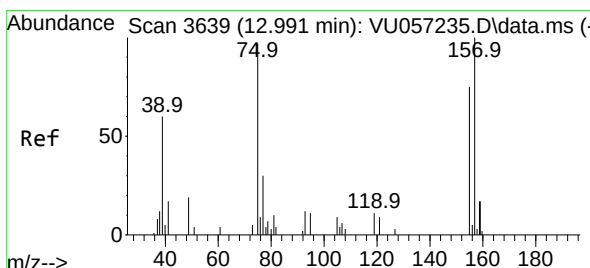
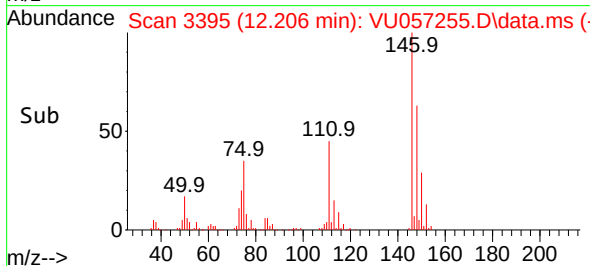
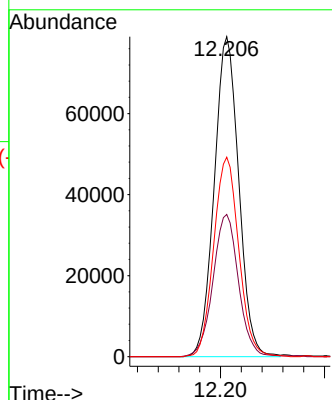
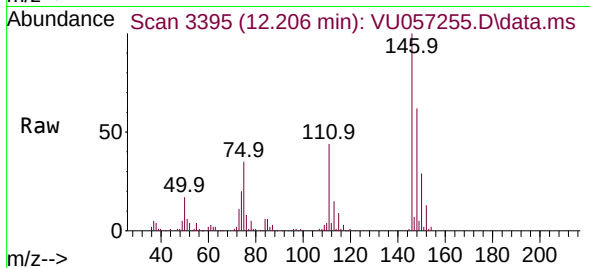
Tgt Ion:146 Resp: 129289

Ion Ratio Lower Upper

146 100

111 44.4 37.9 56.9

148 62.3 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.809 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

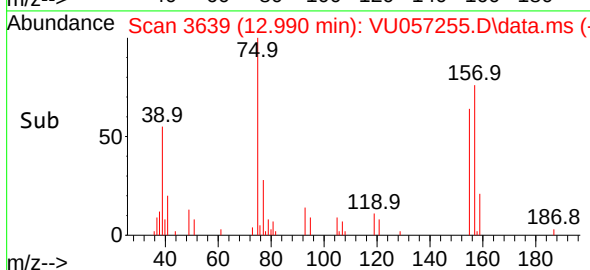
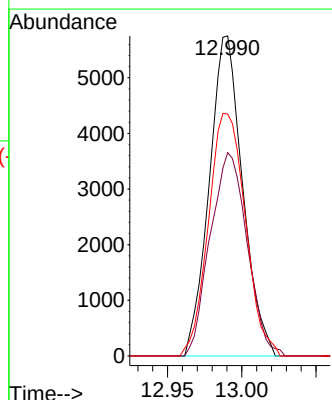
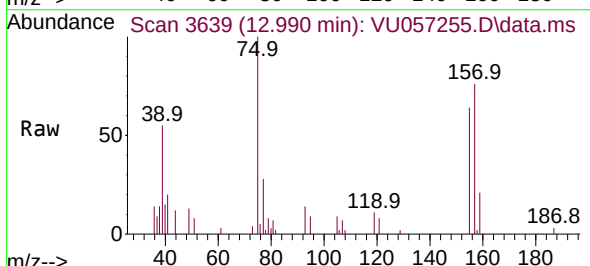
Tgt Ion: 75 Resp: 8980

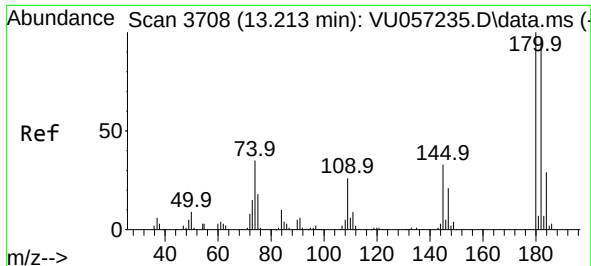
Ion Ratio Lower Upper

75 100

155 63.5 61.4 92.0

157 75.6 80.2 120.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.284 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

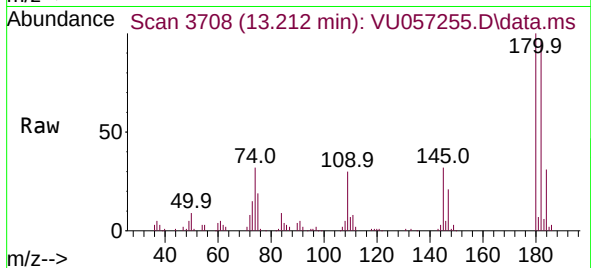
Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98126

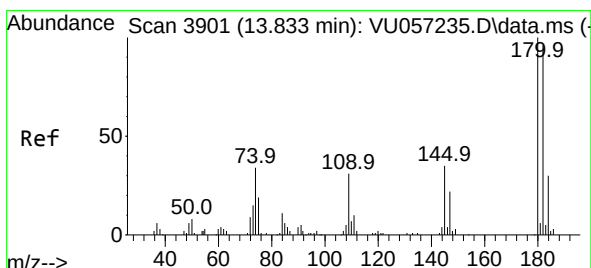
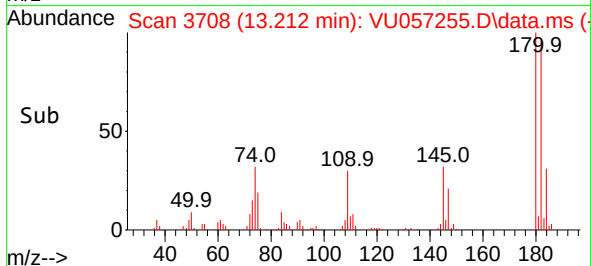
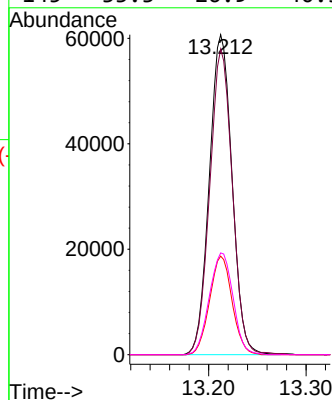
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

184 30.6 24.2 36.2

145 33.3 26.9 40.3



#70

1,2,4-trichlorobenzene

Concen: 3.988 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

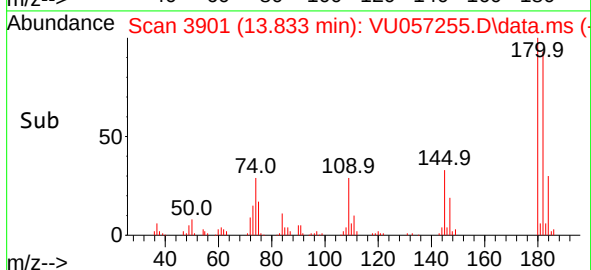
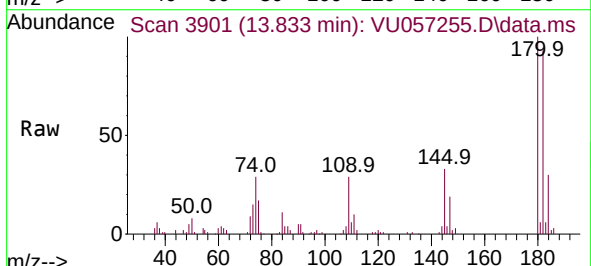
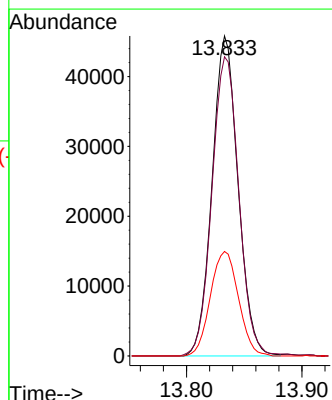
Tgt Ion:180 Resp: 71532

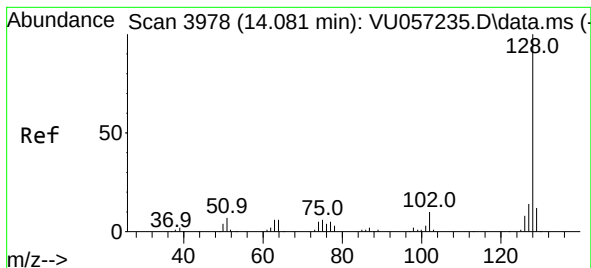
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.0

145 35.3 27.7 41.5





#71

Naphthalene

Concen: 3.982 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU057255.D

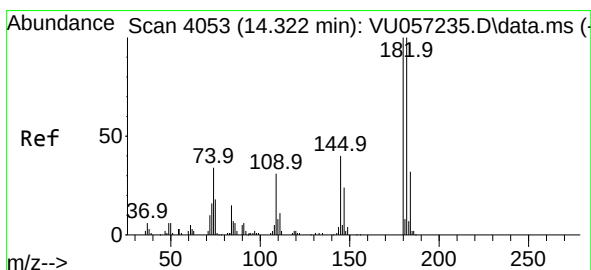
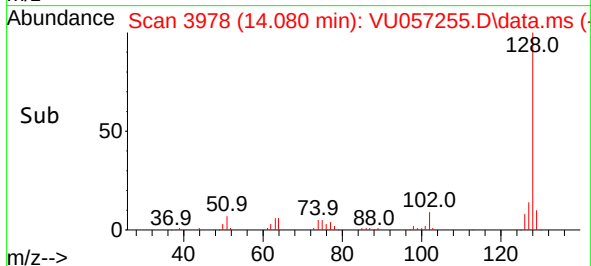
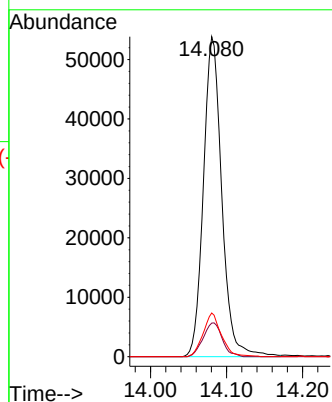
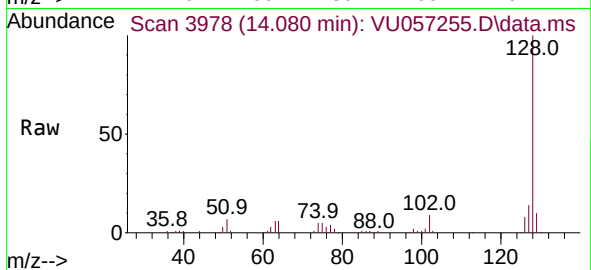
Acq: 27 Dec 2023 00:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	90356
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.2 12.4
127	13.6	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.255 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU057255.D

Acq: 27 Dec 2023 00:27

Tgt Ion:180	Resp:	59529
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.2 114.4
145	34.6	28.9 43.3

