

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057333.D
 Acq On : 28 Dec 2023 14:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112727	4.964	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.911	69	96143	5.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.563	65	44160	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.634	46	237398	46.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.320%
24) Chloroform-d	5.055	84	207677	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.698	65	97649	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.721	84	378399	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.685	67	119760	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	330918	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.174	79	45097	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.631	63	192787	45.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91712	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	109268	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89765	4.682	ug/L	99
3) Chloromethane	1.518	50	105893	4.980	ug/L	98
5) Vinyl chloride	1.602	62	109746	4.977	ug/L	98
6) Bromomethane	1.856	94	54952	5.284	ug/L	93
8) Chloroethane	1.933	64	68666	4.804	ug/L	98
9) Trichlorofluoromethane	2.132	101	147089	4.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92336	4.806	ug/L	99
12) 1,1-Dichloroethene	2.576	96	79245	4.590	ug/L	94
13) Acetone	2.657	43	127363	37.994	ug/L	97
14) Carbon disulfide	2.788	76	225969	4.590	ug/L	100
15) Methyl Acetate	2.959	43	31580	4.137	ug/L	97
16) Methylene chloride	3.042	84	126266	5.667	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	187295	4.298	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	79259	4.626	ug/L	94
19) 1,1-Dichloroethane	3.862	63	173407	4.816	ug/L	96
21) 2-Butanone	4.714	43	193690	40.456	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	92778	4.685	ug/L	97
23) Bromochloromethane	4.972	128	40083	4.528	ug/L	95
25) Chloroform	5.081	83	181533	4.780	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057333.D
 Acq On : 28 Dec 2023 14:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

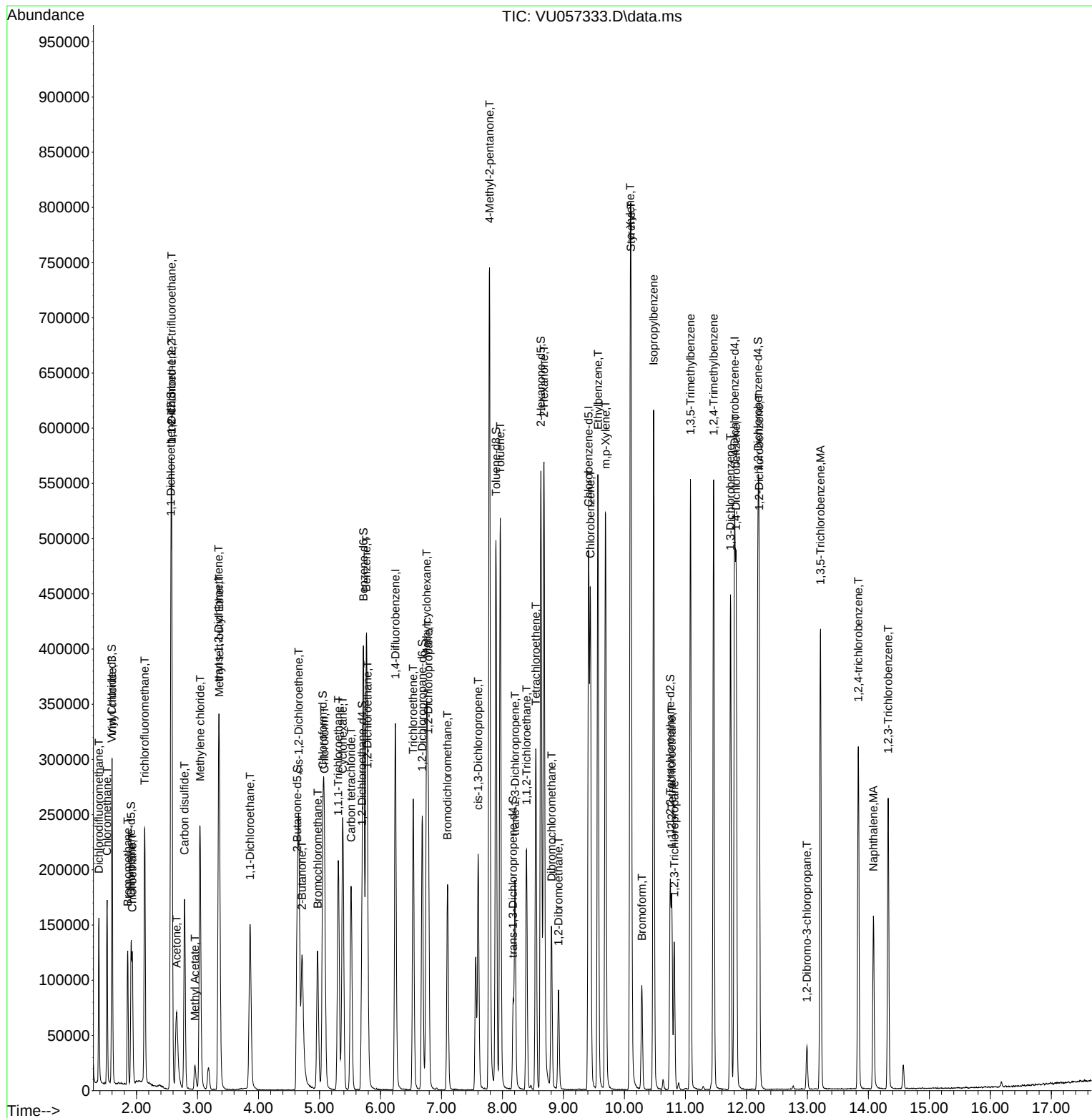
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	104851	4.406	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	152962	4.615	ug/L	99
30) Cyclohexane	5.383	56	117258	4.743	ug/L	97
31) Carbon tetrachloride	5.518	117	128701	4.629	ug/L	100
33) Benzene	5.769	78	363138	4.817	ug/L	100
34) Trichloroethene	6.537	95	93693	4.664	ug/L	95
35) Methylcyclohexane	6.759	83	122707	4.676	ug/L	99
37) 1,2-Dichloropropane	6.785	63	100456	4.789	ug/L	100
38) Bromodichloromethane	7.100	83	123920	4.580	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	130144	4.538	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	472473	44.208	ug/L	99
42) Toluene	7.965	91	377600	4.652	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	111294	4.450	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	67239	4.401	ug/L	98
47) Tetrachloroethene	8.550	164	64775	4.563	ug/L	99
48) 2-Hexanone	8.682	43	356720	45.270	ug/L	99
49) Dibromochloromethane	8.804	129	74714	4.294	ug/L	99
50) 1,2-Dibromoethane	8.920	107	59919	4.370	ug/L	98
51) Chlorobenzene	9.444	112	230941	4.681	ug/L	97
52) Ethylbenzene	9.566	91	388363	4.794	ug/L	99
53) m,p-Xylene	9.692	106	147334	4.776	ug/L	99
54) o-Xylene	10.097	106	141443	4.823	ug/L	98
55) Styrene	10.110	104	245048	4.963	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	83397	4.412	ug/L	99
59) Bromoform	10.287	173	42220	4.309	ug/L	99
60) Isopropylbenzene	10.479	105	383906	5.003	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	56617	4.334	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	292943	4.878	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	296049	4.959	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	177460	4.812	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	174583	4.651	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	164794	4.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11180	3.892	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	123253	4.668	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	91775	4.380	ug/L	99
71) Naphthalene	14.084	128	126379	3.859	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	77262	4.231	ug/L	99

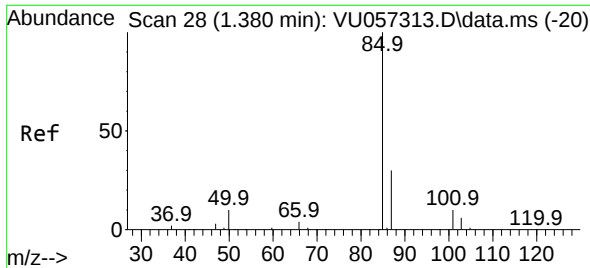
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057333.D
 Acq On : 28 Dec 2023 14:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

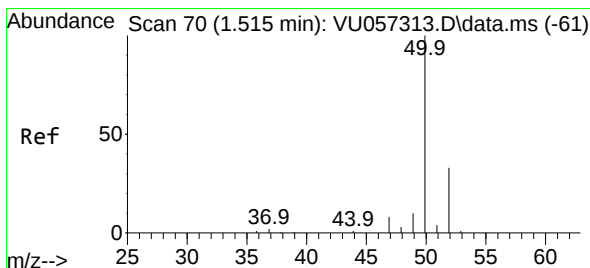
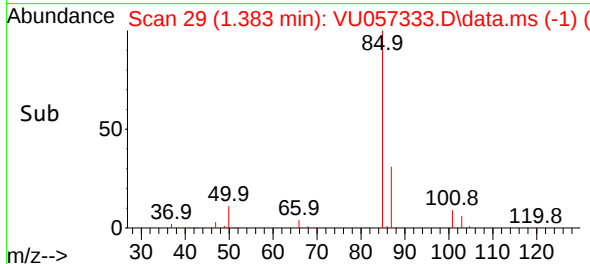
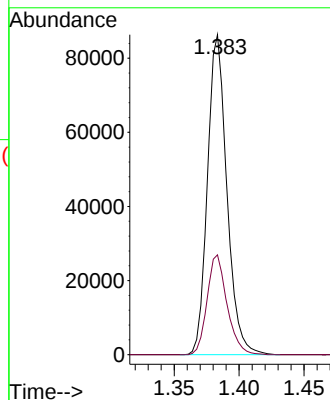
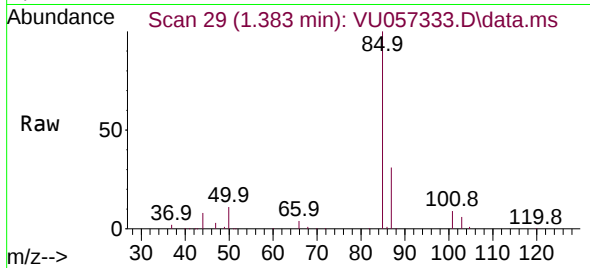




#2
 Dichlorodifluoromethane
 Concen: 4.682 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13

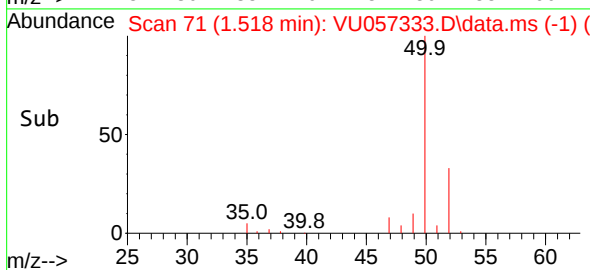
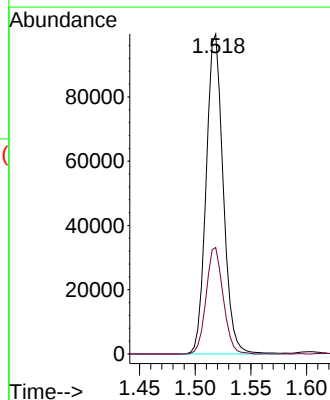
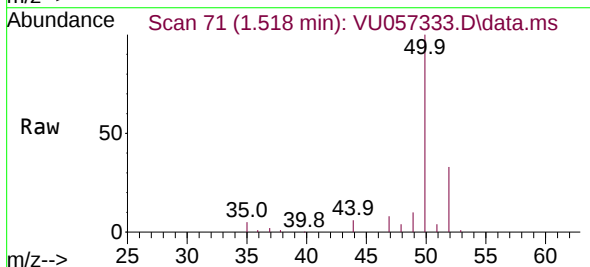
Instrument :
 MSVOA_U
 ClientSampleId :

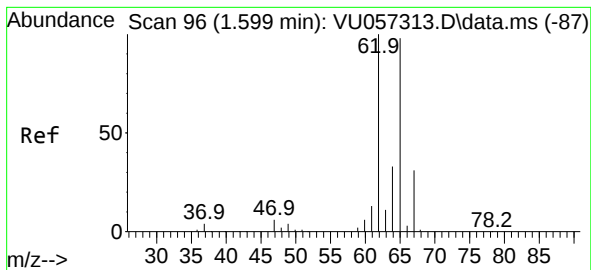
Tgt Ion: 85 Resp: 89765
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 4.980 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13

Tgt Ion: 50 Resp: 105893
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.5 41.7





#5

Vinyl chloride

Concen: 4.977 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

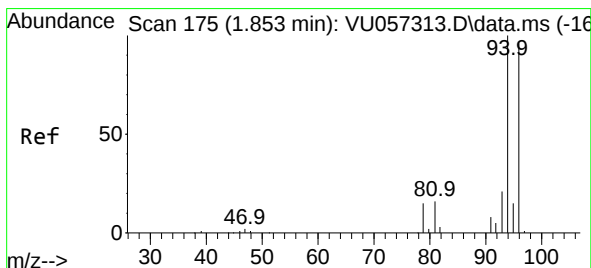
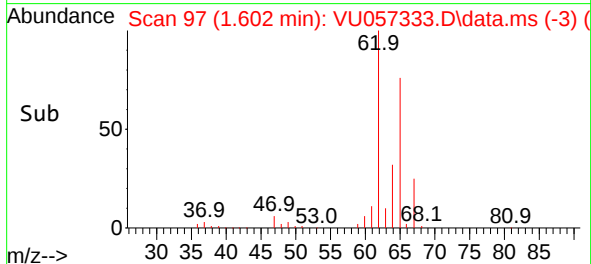
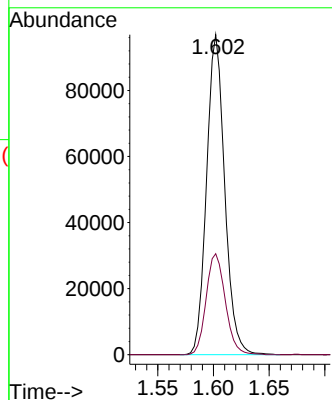
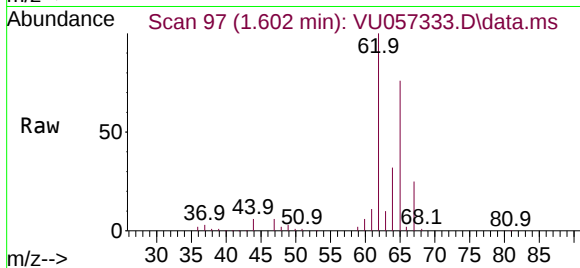
ClientSampleId :

Tgt Ion: 62 Resp: 109746

Ion Ratio Lower Upper

62 100

64 31.6 22.8 42.4



#6

Bromomethane

Concen: 5.284 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU057333.D

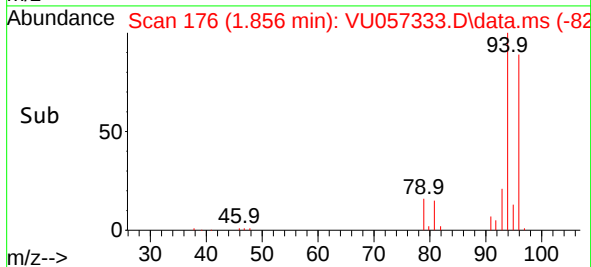
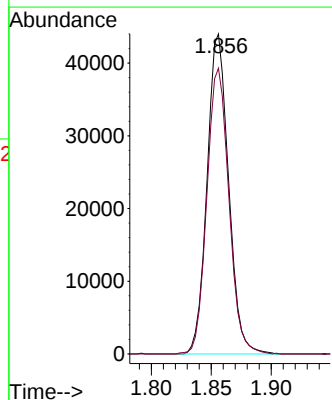
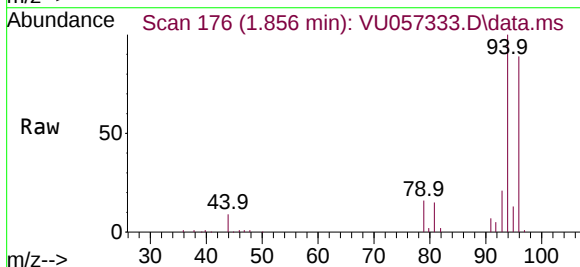
Acq: 28 Dec 2023 14:13

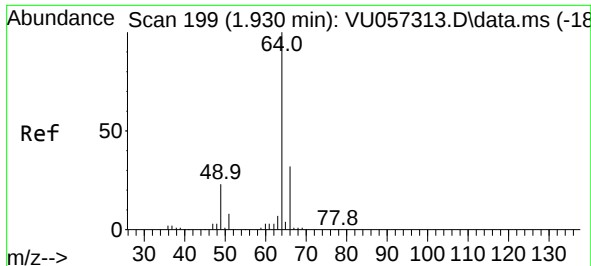
Tgt Ion: 94 Resp: 54952

Ion Ratio Lower Upper

94 100

96 89.3 67.3 125.1





#8

Chloroethane

Concen: 4.804 ug/L

RT: 1.933 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

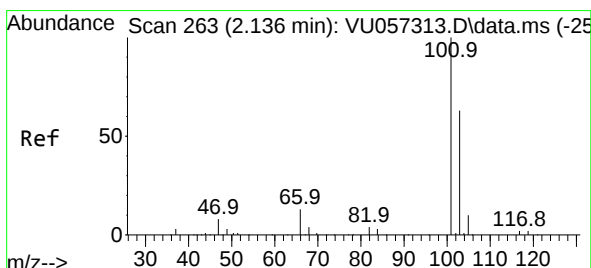
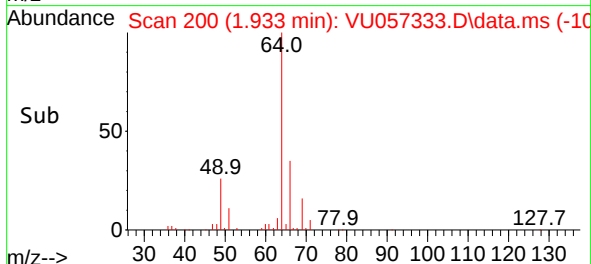
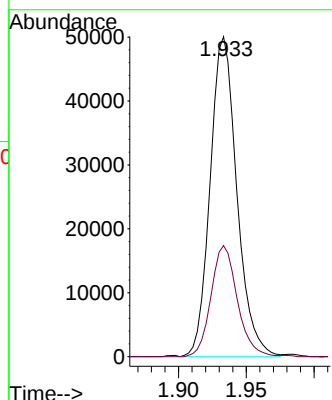
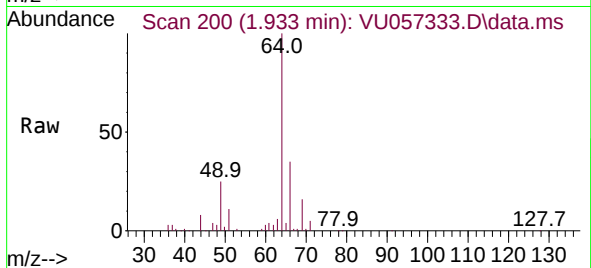
ClientSampleId :

Tgt Ion: 64 Resp: 68666

Ion Ratio Lower Upper

64 100

66 34.7 23.3 43.3



#9

Trichlorofluoromethane

Concen: 4.630 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU057333.D

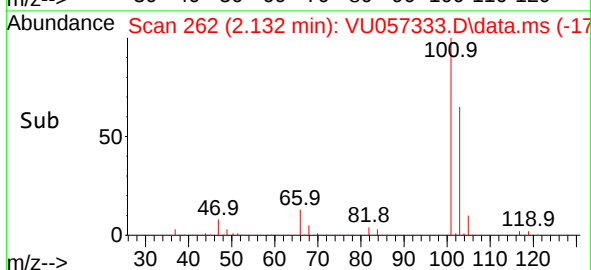
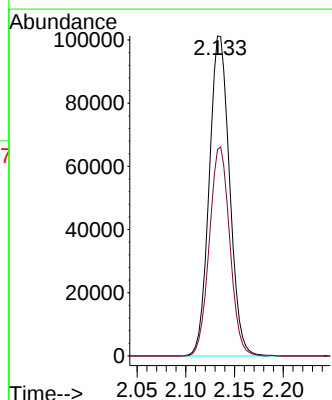
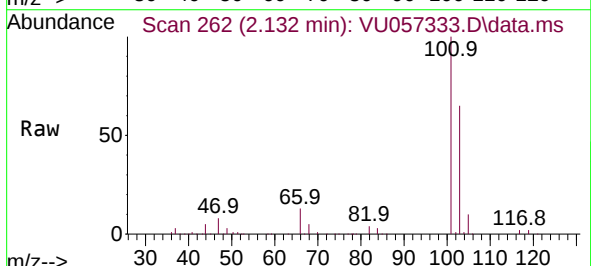
Acq: 28 Dec 2023 14:13

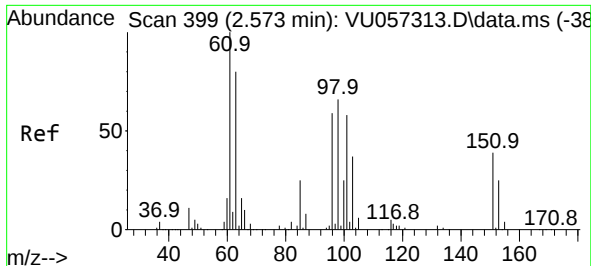
Tgt Ion:101 Resp: 147089

Ion Ratio Lower Upper

101 100

103 65.4 52.2 78.2

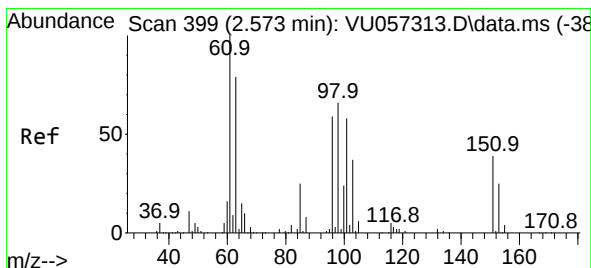
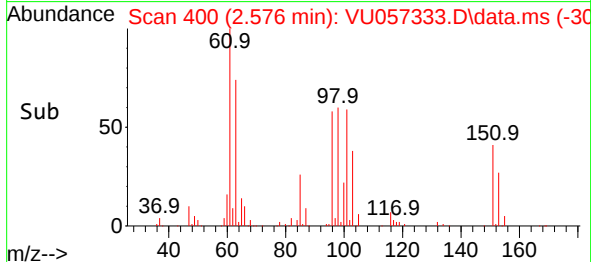
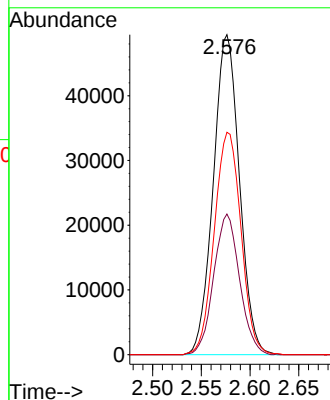
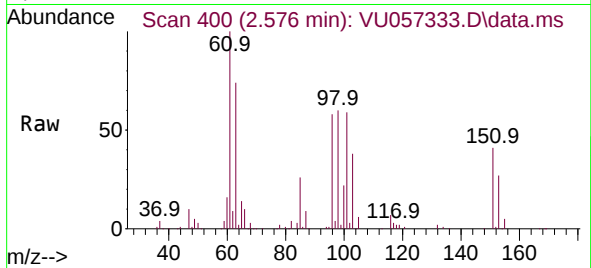




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.806 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13

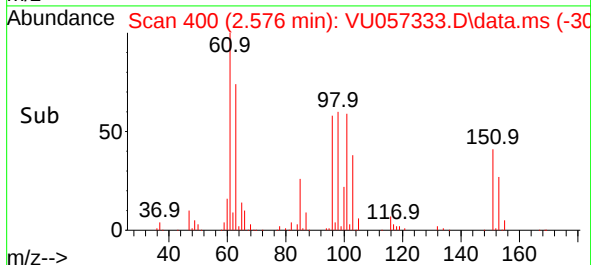
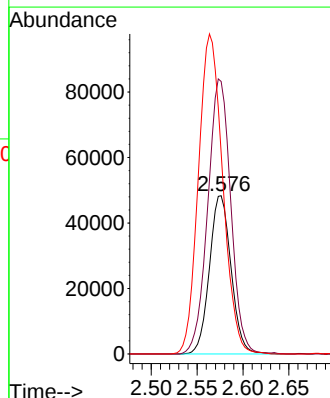
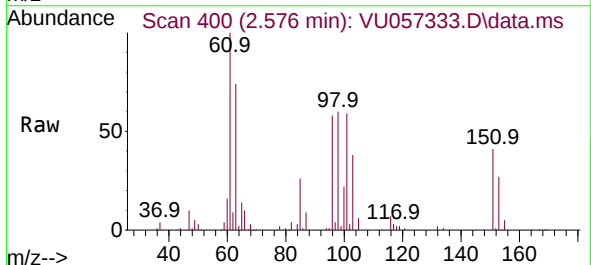
Instrument :
 MSVOA_U
 ClientSampleId :

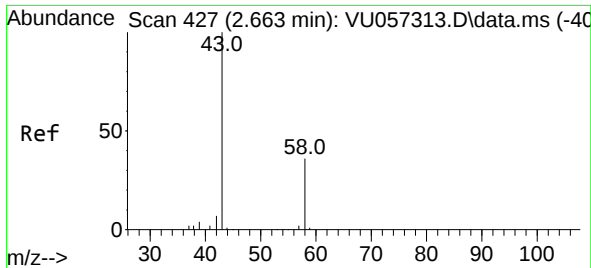
Tgt Ion:101 Resp: 92336
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.1 52.7
 151 71.0 55.8 83.6



#12
 1,1-Dichloroethene
 Concen: 4.590 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13

Tgt Ion: 96 Resp: 79245
 Ion Ratio Lower Upper
 96 100
 61 172.2 122.2 226.9
 63 127.1 99.2 184.2





#13

Acetone

Concen: 37.994 ug/L

RT: 2.657 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

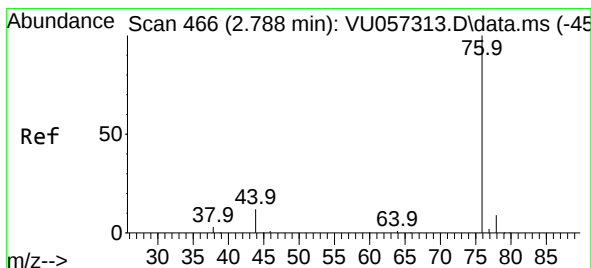
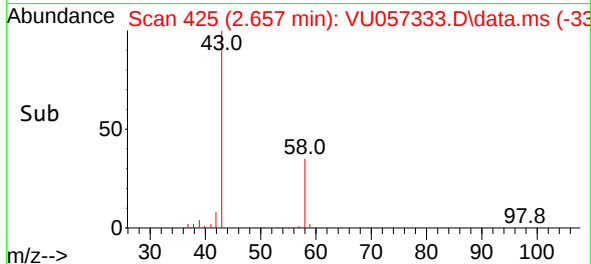
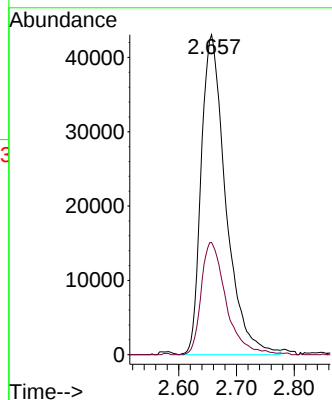
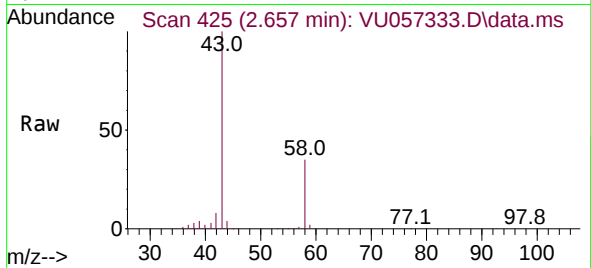
ClientSampleId :

Tgt Ion: 43 Resp: 127363

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.2



#14

Carbon disulfide

Concen: 4.590 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057333.D

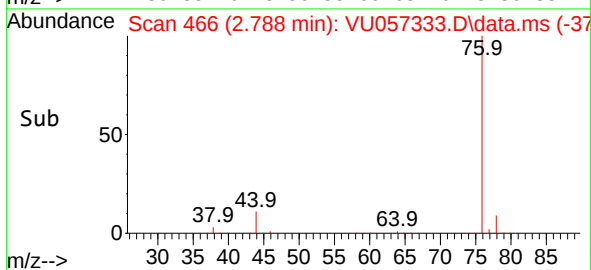
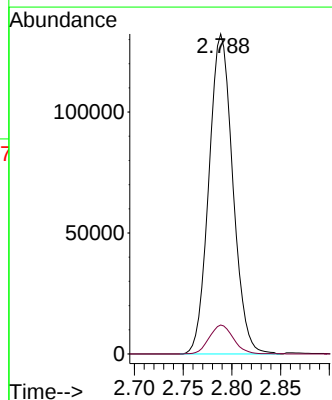
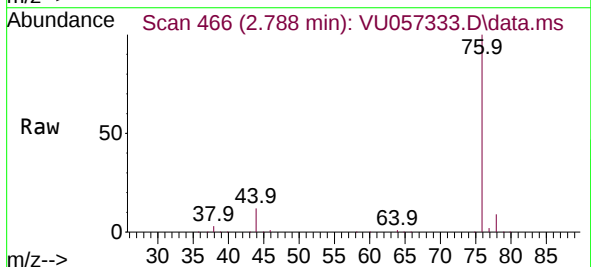
Acq: 28 Dec 2023 14:13

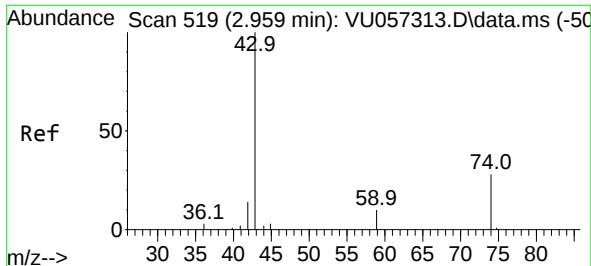
Tgt Ion: 76 Resp: 225969

Ion Ratio Lower Upper

76 100

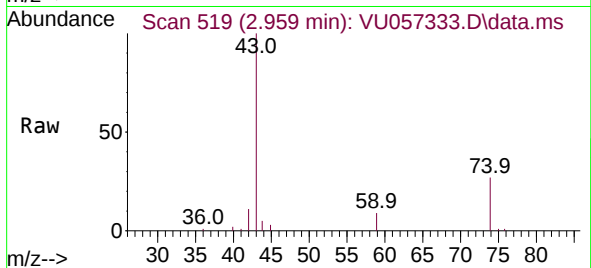
78 9.0 7.3 10.9



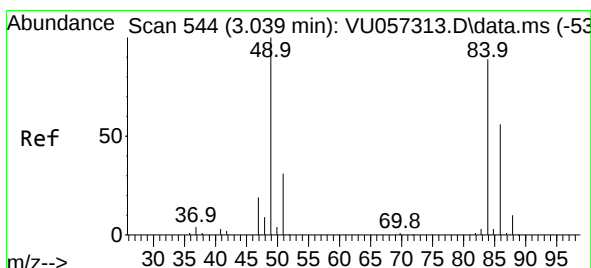
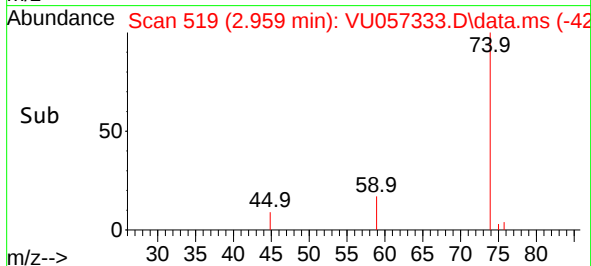
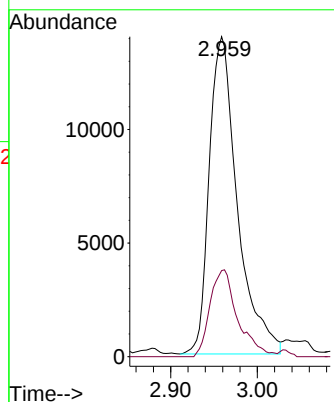


#15
Methyl Acetate
Concen: 4.137 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :

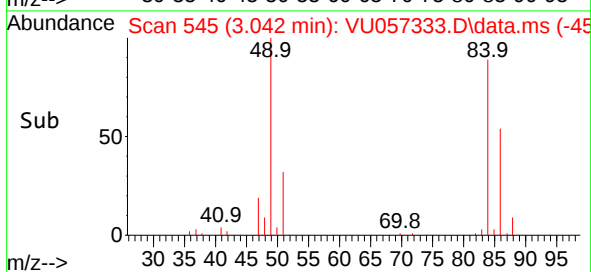
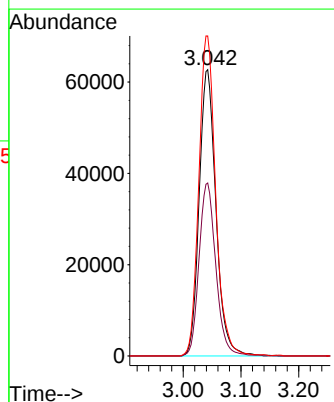
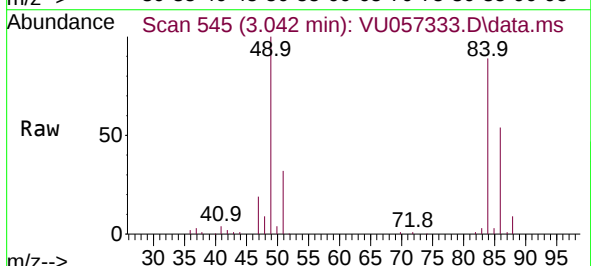


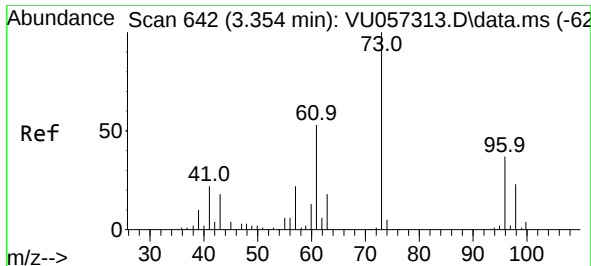
Tgt Ion: 43 Resp: 31580
Ion Ratio Lower Upper
43 100
74 26.9 20.5 30.7



#16
Methylene chloride
Concen: 5.667 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 84 Resp: 126266
Ion Ratio Lower Upper
84 100
86 60.4 43.8 81.3
49 111.8 83.2 154.4

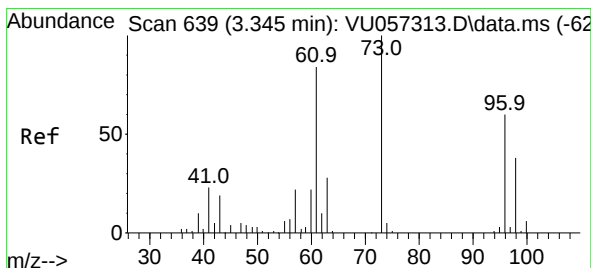
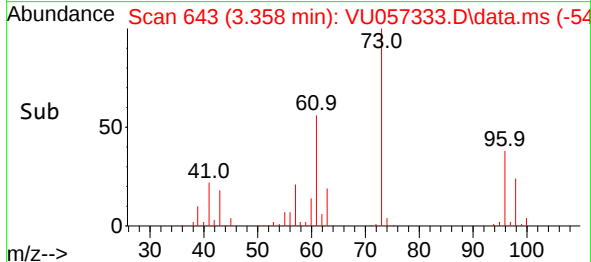
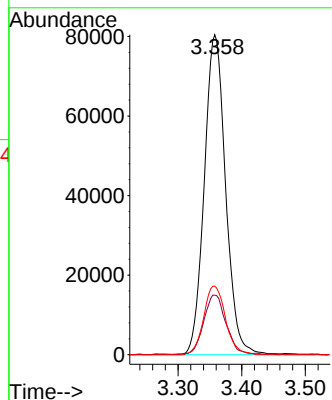
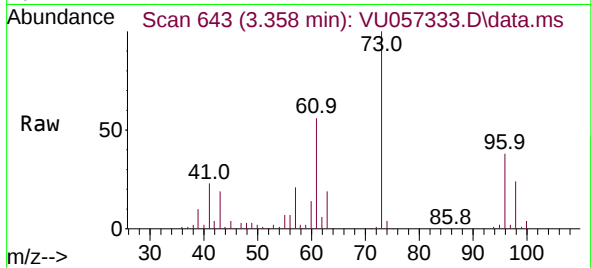




#17
Methyl tert-butyl Ether
Concen: 4.298 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

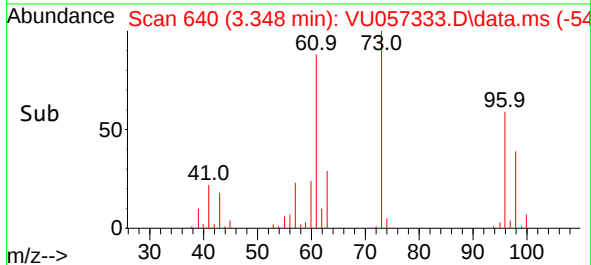
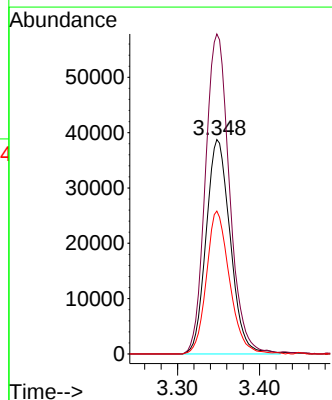
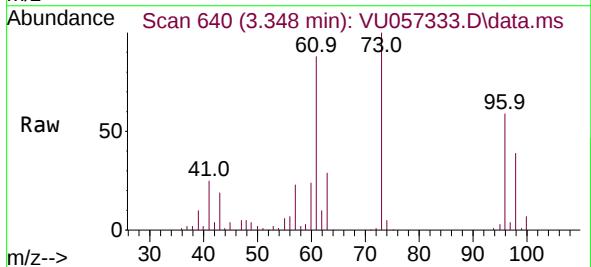
Instrument :
MSVOA_U
ClientSampleId :

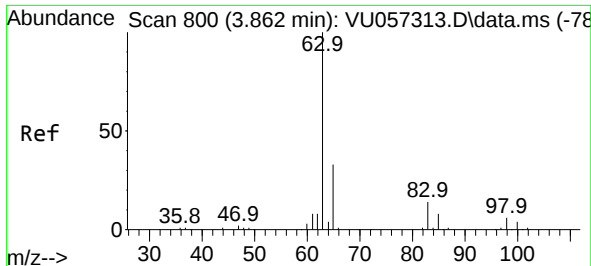
Tgt Ion: 73 Resp: 187295
Ion Ratio Lower Upper
73 100
43 19.1 15.2 22.8
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.626 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 96 Resp: 79259
Ion Ratio Lower Upper
96 100
61 149.2 97.5 181.1
98 66.6 45.9 85.3

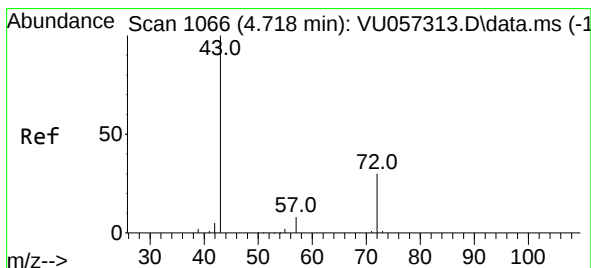
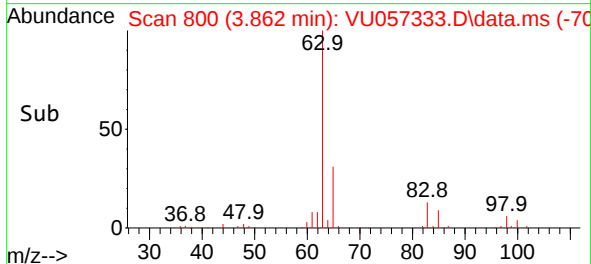
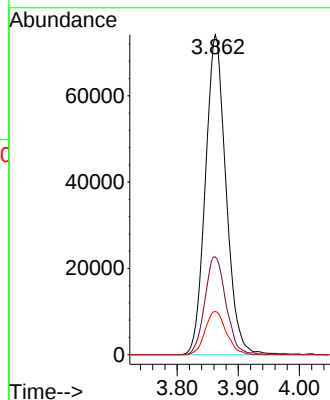
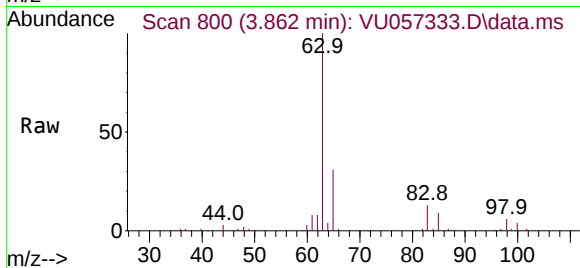




#19
1,1-Dichloroethane
Concen: 4.816 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

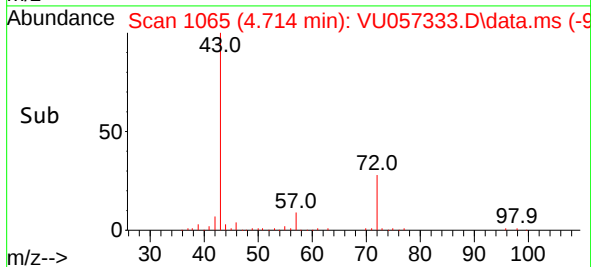
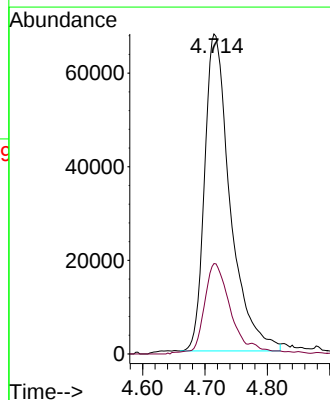
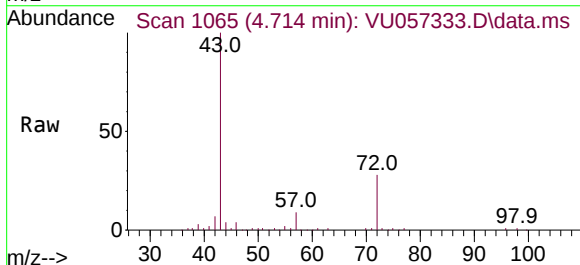
Instrument :
MSVOA_U
ClientSampleId :

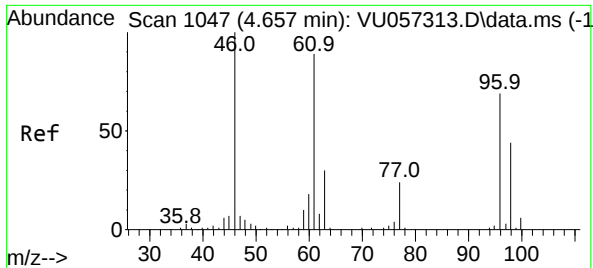
Tgt Ion: 63 Resp: 173407
Ion Ratio Lower Upper
63 100
65 30.5 23.6 43.8
83 13.5 9.8 18.2



#21
2-Butanone
Concen: 40.456 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

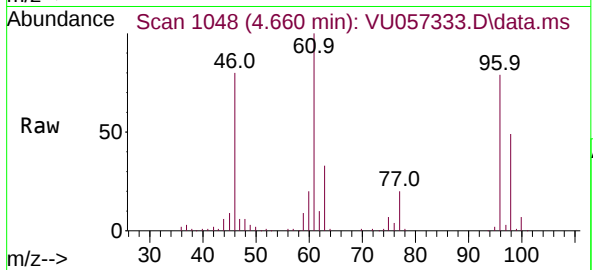
Tgt Ion: 43 Resp: 193690
Ion Ratio Lower Upper
43 100
72 27.8 14.3 42.9



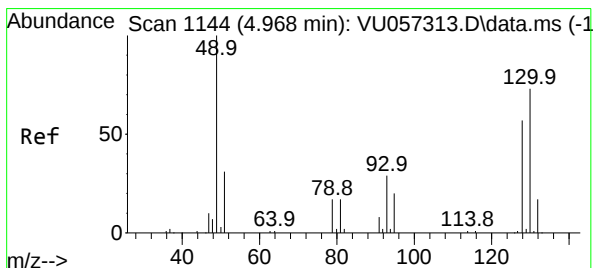
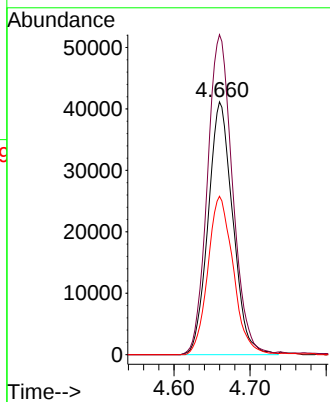
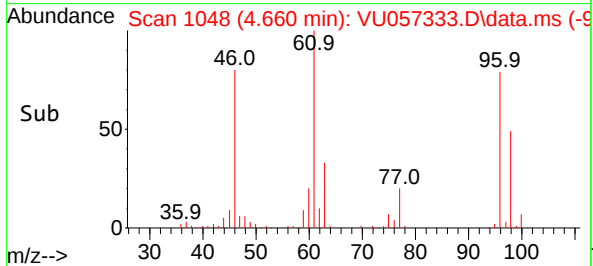


#22
 cis-1,2-Dichloroethene
 Concen: 4.685 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13

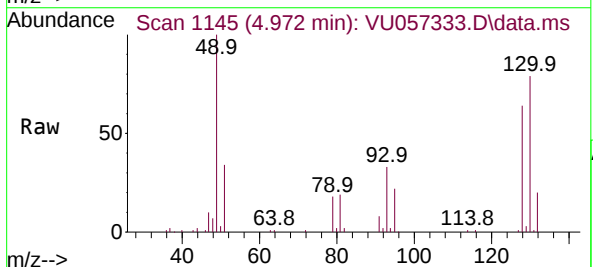
Instrument :
 MSVOA_U
 ClientSampleId :



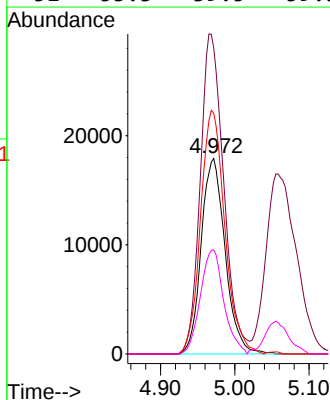
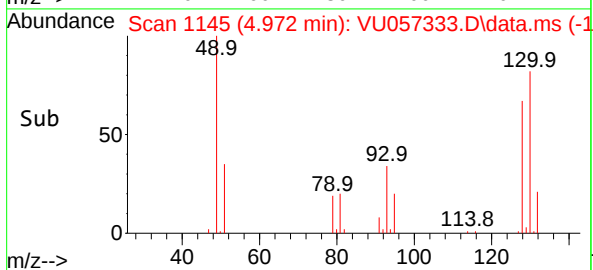
Tgt Ion:	96	Resp:	92778
Ion	Ratio	Lower	Upper
96	100		
61	126.6	91.1	169.3
98	62.6	42.6	79.0

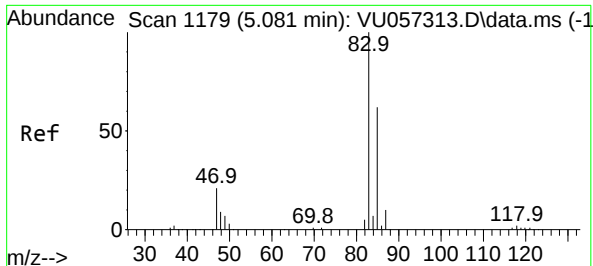


#23
 Bromochloromethane
 Concen: 4.528 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU057333.D
 Acq: 28 Dec 2023 14:13



Tgt Ion:	128	Resp:	40083
Ion	Ratio	Lower	Upper
128	100		
49	156.6	113.1	210.1
130	123.1	91.6	170.2
51	53.3	39.5	59.3





#25

Chloroform

Concen: 4.780 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

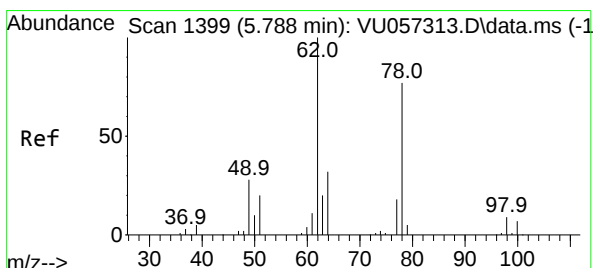
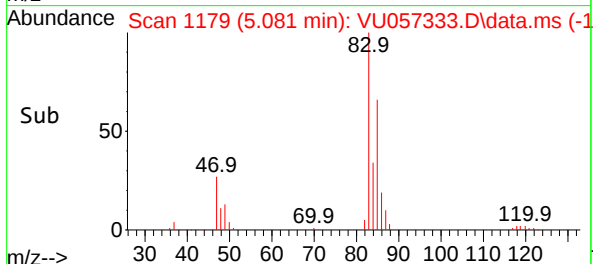
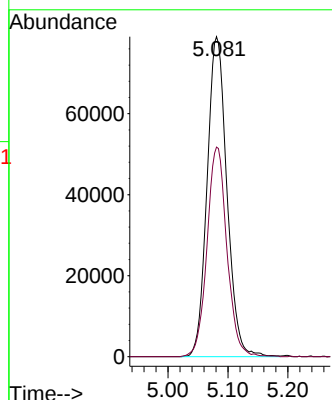
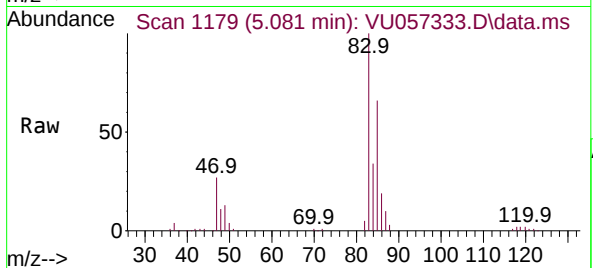
ClientSampleId :

Tgt Ion: 83 Resp: 181533

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.406 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU057333.D

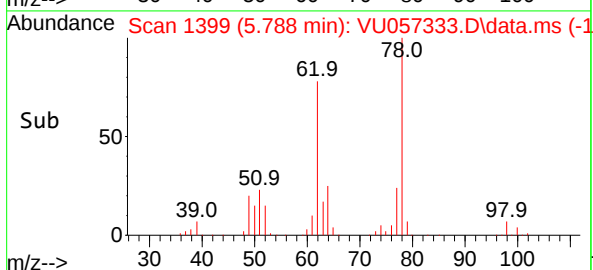
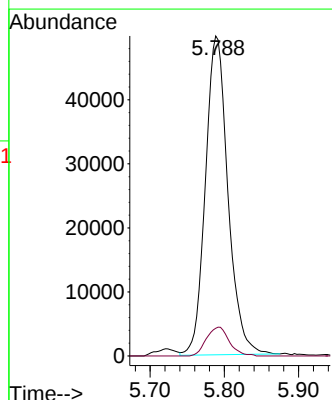
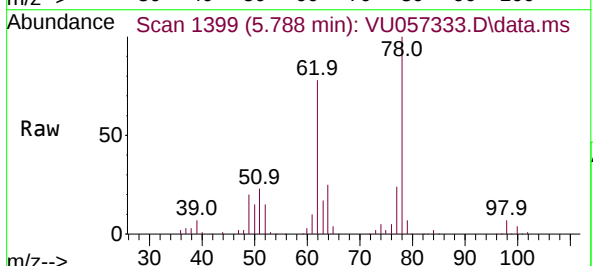
Acq: 28 Dec 2023 14:13

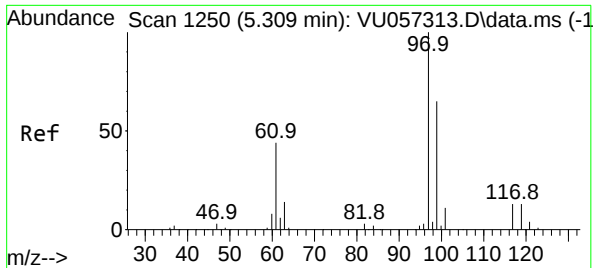
Tgt Ion: 62 Resp: 104851

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.615 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

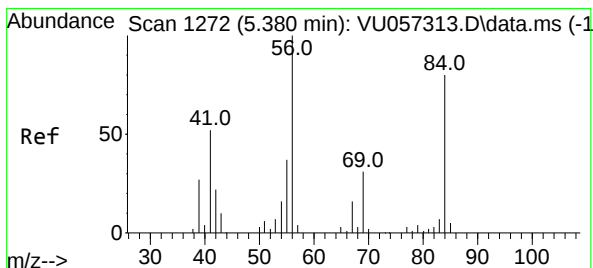
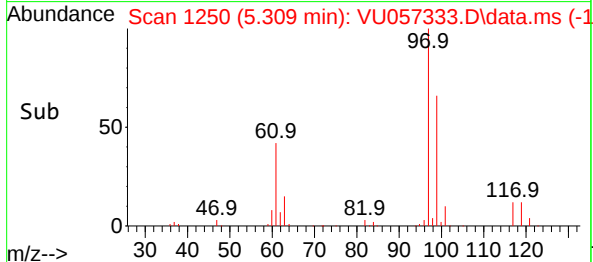
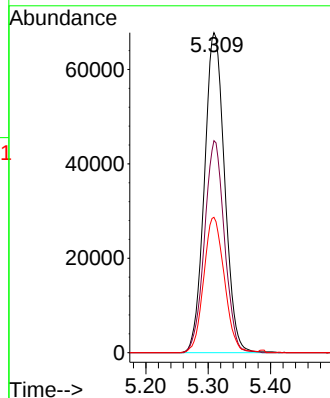
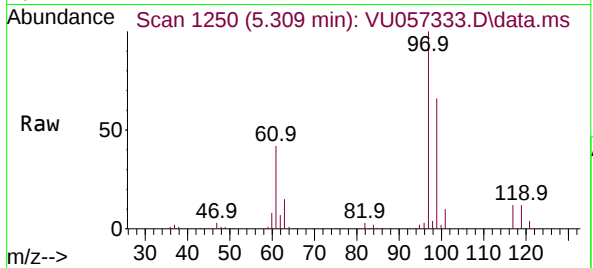
Tgt Ion: 97 Resp: 152962

Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

61 43.3 34.1 51.1



#30

Cyclohexane

Concen: 4.743 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

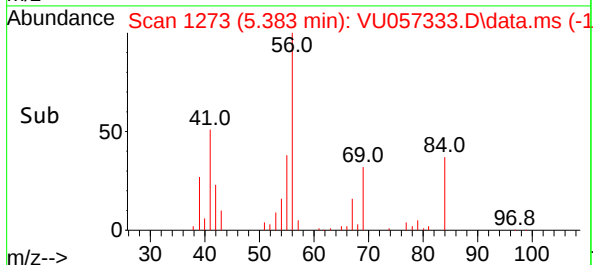
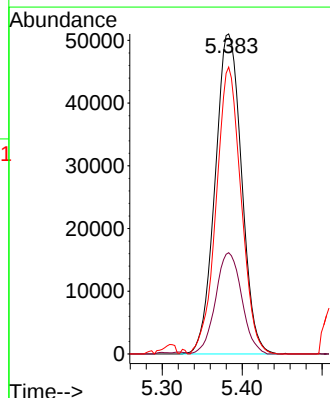
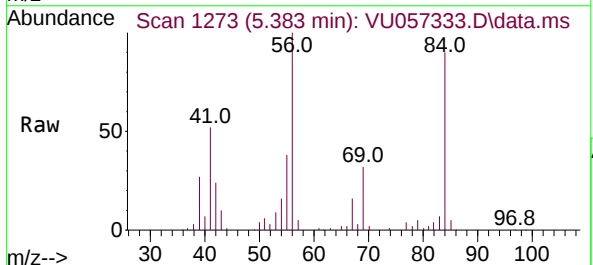
Tgt Ion: 56 Resp: 117258

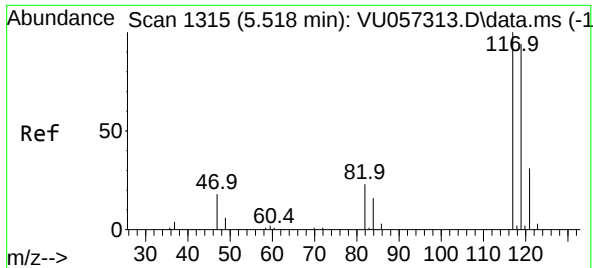
Ion Ratio Lower Upper

56 100

69 31.2 26.2 39.4

84 84.4 69.4 104.2

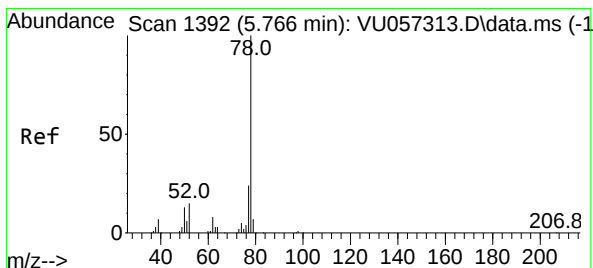
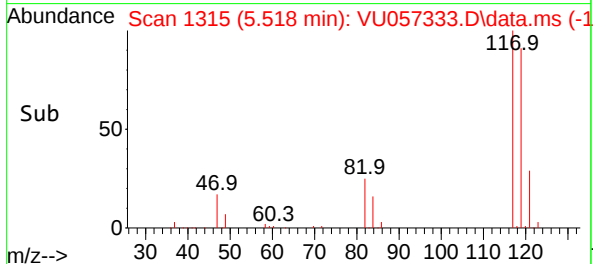
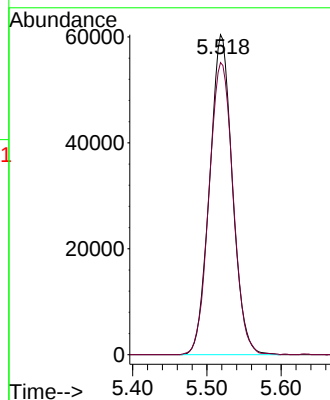
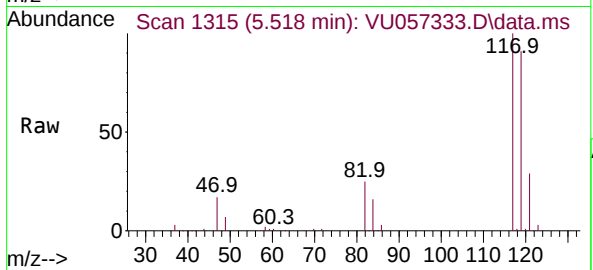




#31
Carbon tetrachloride
Concen: 4.629 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

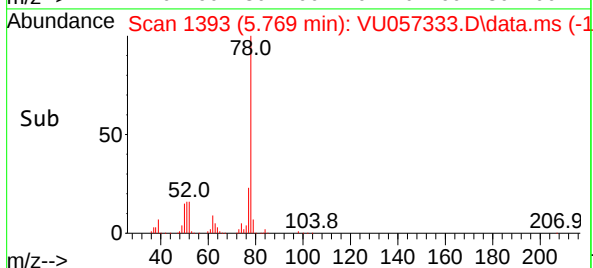
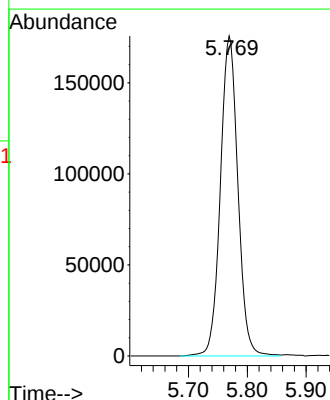
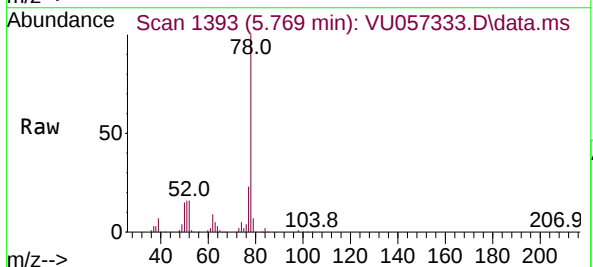
Instrument :
MSVOA_U
ClientSampleId :

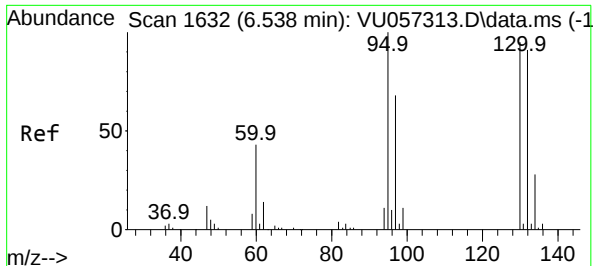
Tgt Ion:117 Resp: 128701
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1



#33
Benzene
Concen: 4.817 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

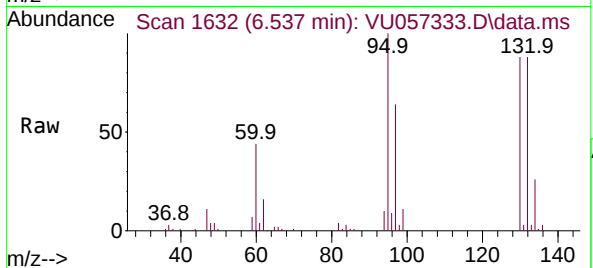
Tgt Ion: 78 Resp: 363138



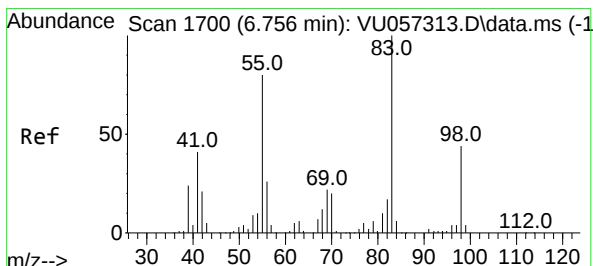
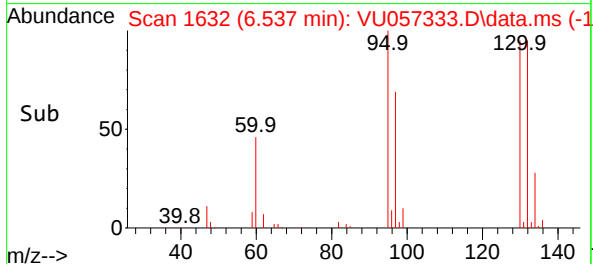
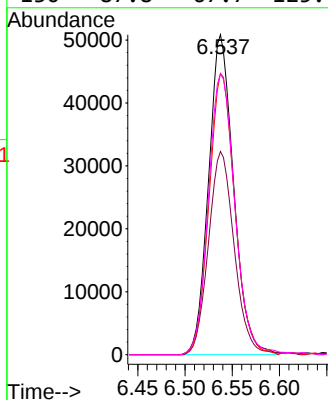


#34
Trichloroethene
Concen: 4.664 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :

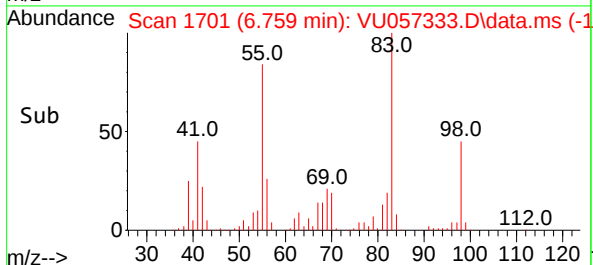
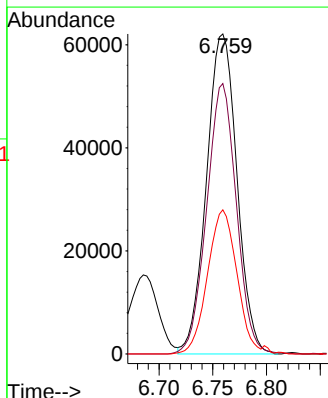
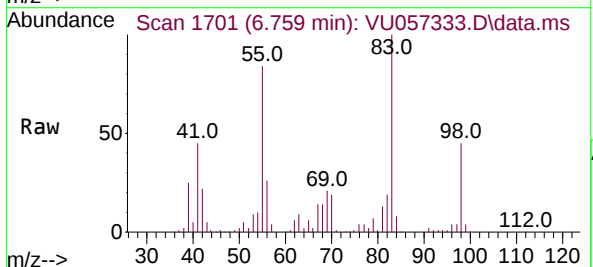


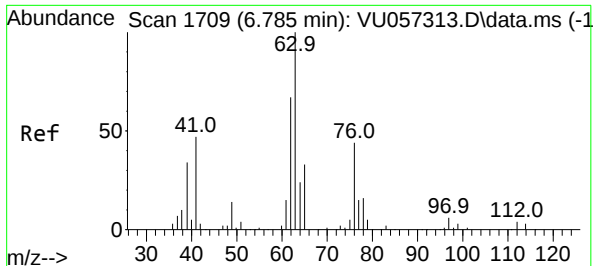
Tgt Ion: 95 Resp: 93693
Ion Ratio Lower Upper
95 100
97 63.5 45.3 84.1
132 87.9 63.1 117.3
130 87.8 67.7 125.7



#35
Methylcyclohexane
Concen: 4.676 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 83 Resp: 122707
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.2
98 43.2 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.789 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

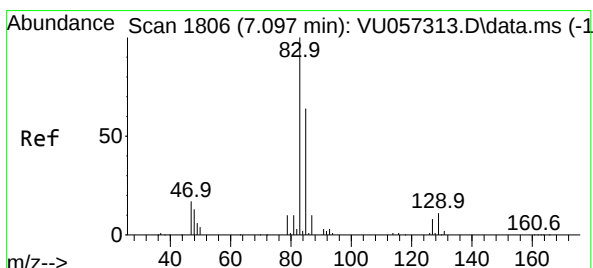
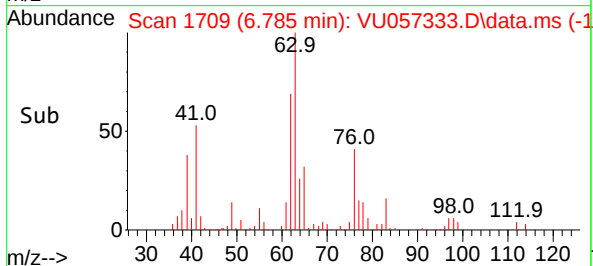
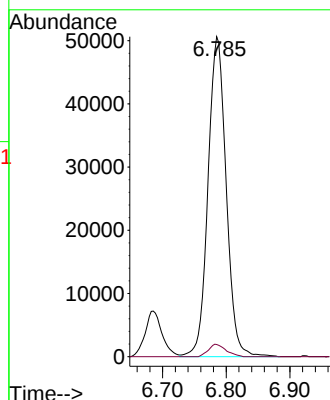
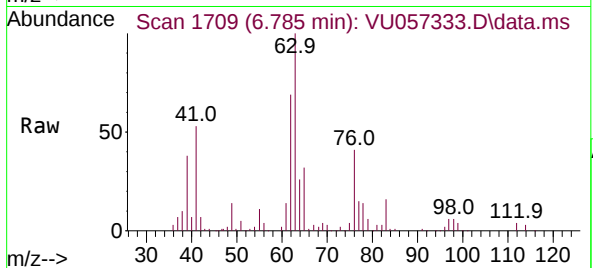
ClientSampleId :

Tgt Ion: 63 Resp: 100456

Ion Ratio Lower Upper

63 100

112 3.8 2.9 4.3



#38

Bromodichloromethane

Concen: 4.580 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

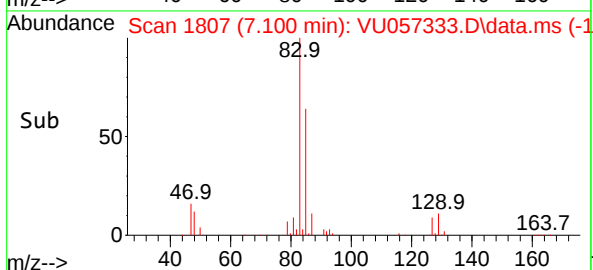
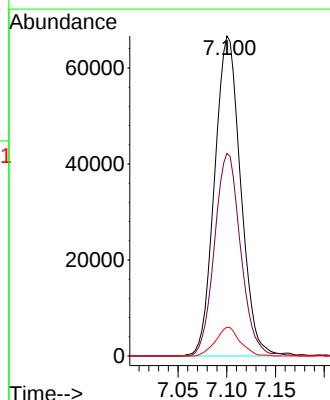
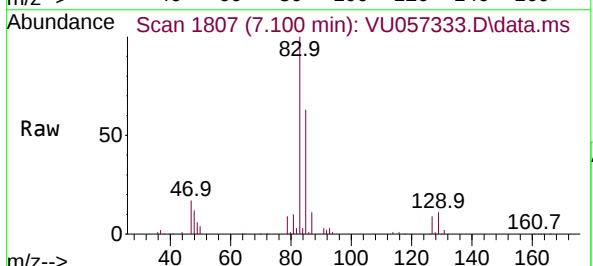
Tgt Ion: 83 Resp: 123920

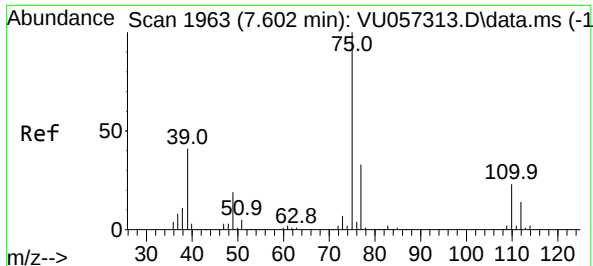
Ion Ratio Lower Upper

83 100

85 63.3 42.6 79.0

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.538 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

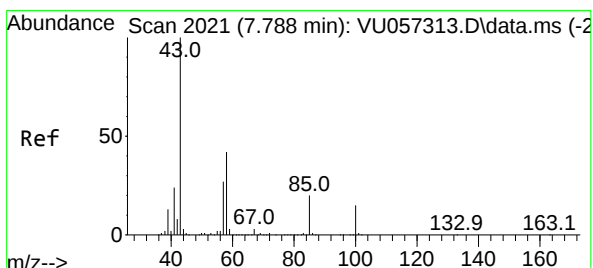
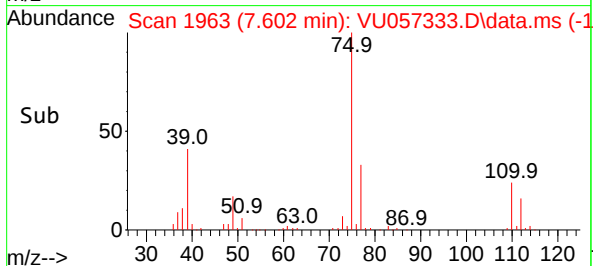
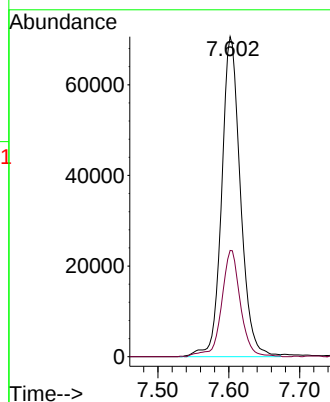
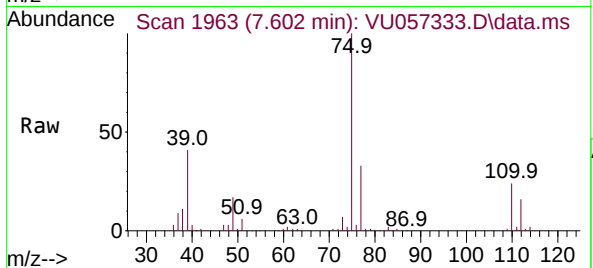
ClientSampleId :

Tgt Ion: 75 Resp: 130144

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 44.208 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

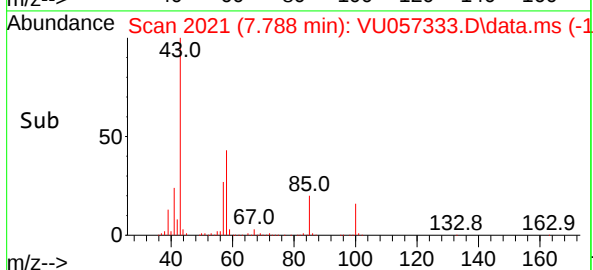
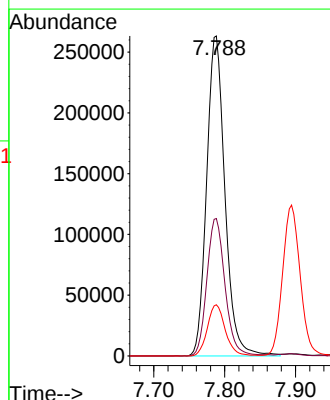
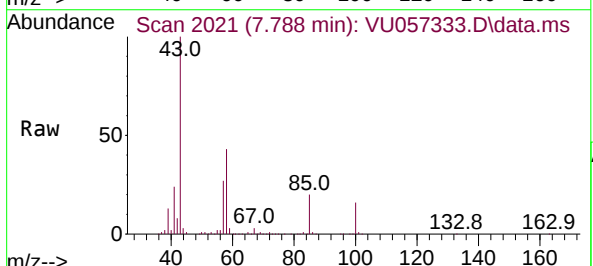
Tgt Ion: 43 Resp: 472473

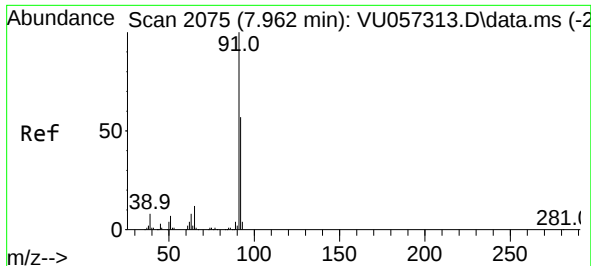
Ion Ratio Lower Upper

43 100

58 42.6 34.4 51.6

100 15.7 13.2 19.8





#42

Toluene

Concen: 4.652 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

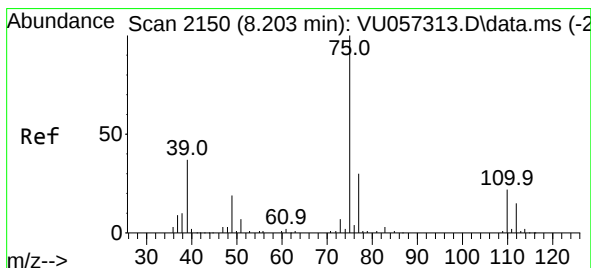
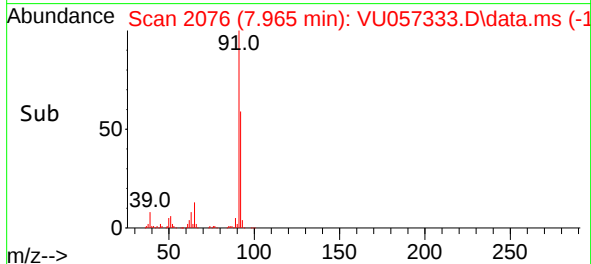
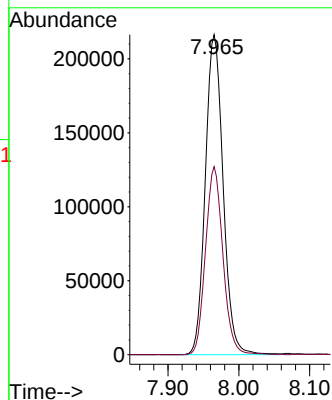
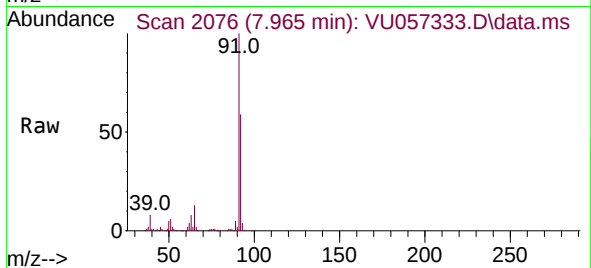
ClientSampleId :

Tgt Ion: 91 Resp: 377600

Ion Ratio Lower Upper

91 100

92 58.7 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 4.450 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU057333.D

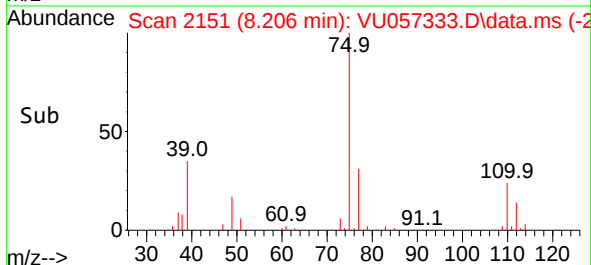
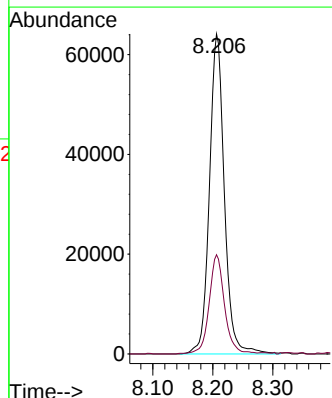
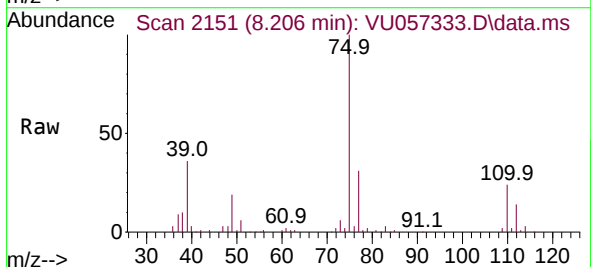
Acq: 28 Dec 2023 14:13

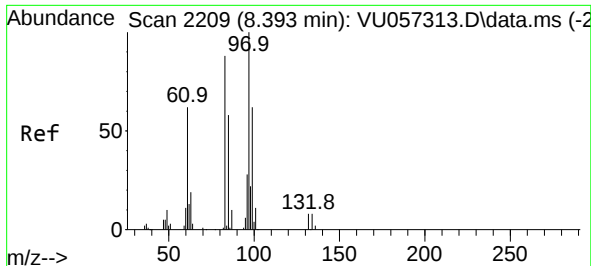
Tgt Ion: 75 Resp: 111294

Ion Ratio Lower Upper

75 100

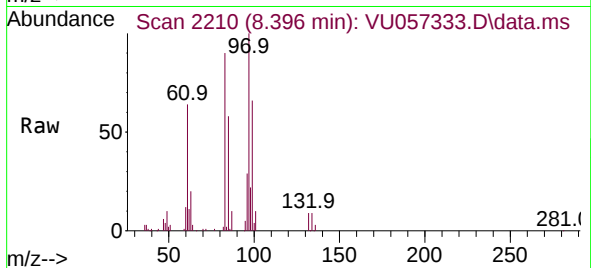
77 31.0 22.5 41.9





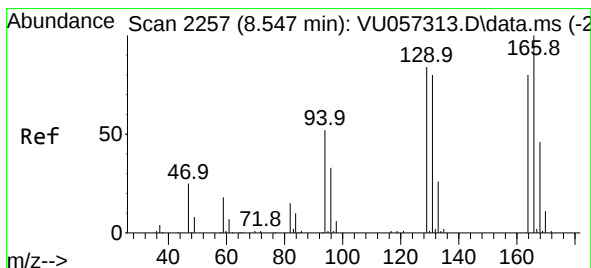
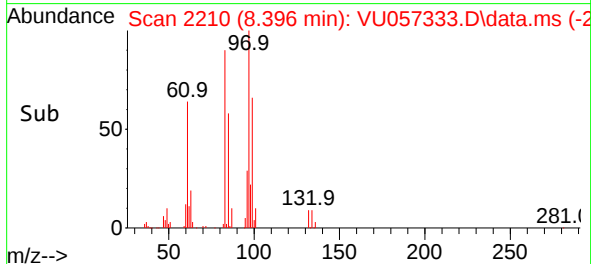
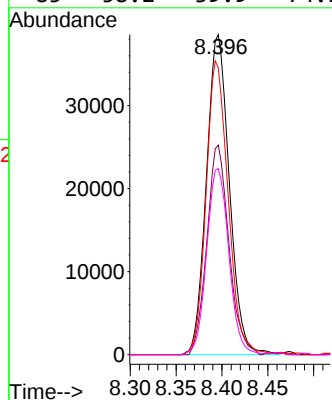
#45
1,1,2-Trichloroethane
Concen: 4.401 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 67239

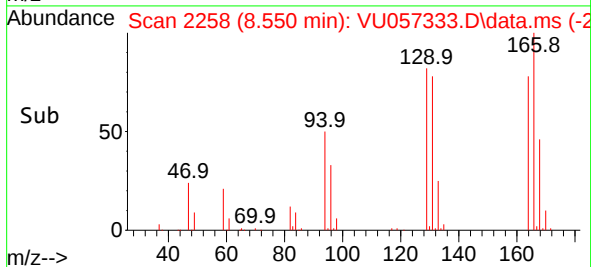
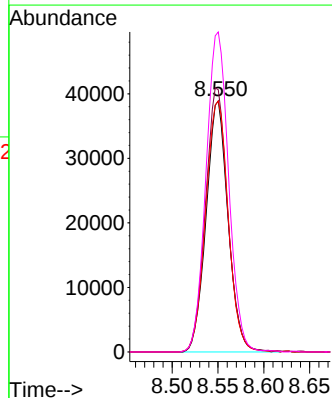
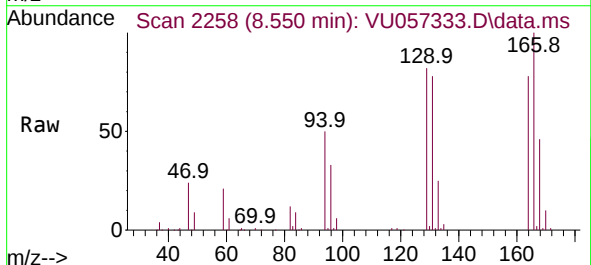
Ion	Ratio	Lower	Upper
97	100		
99	65.5	44.0	81.8
83	89.6	62.3	115.7
85	58.2	39.9	74.1

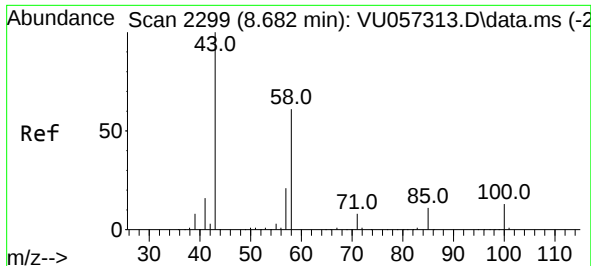


#47
Tetrachloroethene
Concen: 4.563 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 164 Resp: 64775

Ion	Ratio	Lower	Upper
164	100		
129	104.5	71.3	132.5
131	100.0	70.7	131.3
166	127.5	89.1	165.5



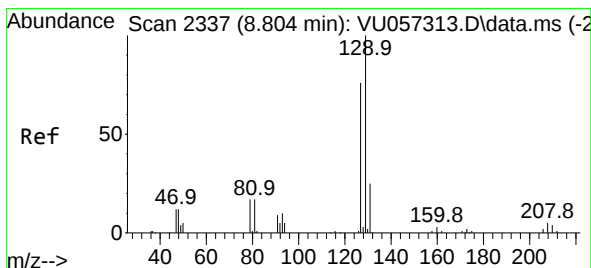
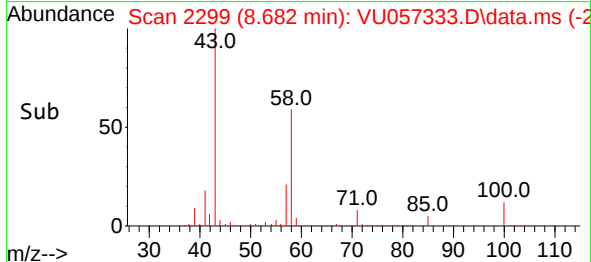
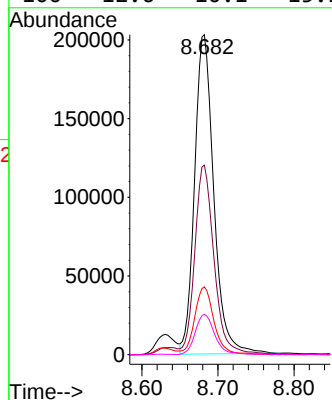
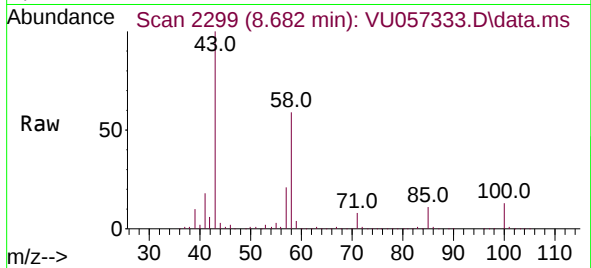


#48
2-Hexanone
Concen: 45.270 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 356720

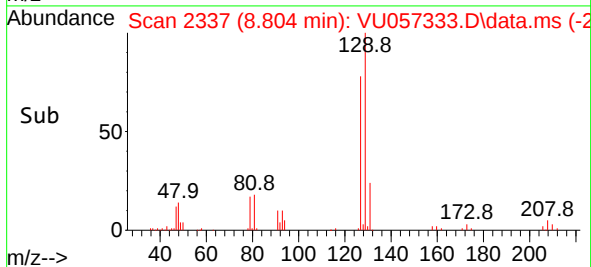
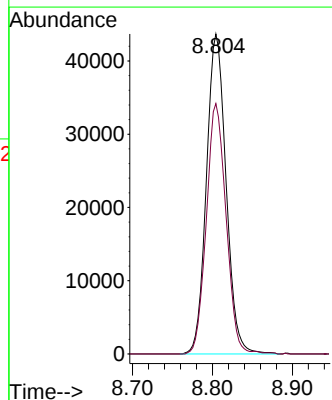
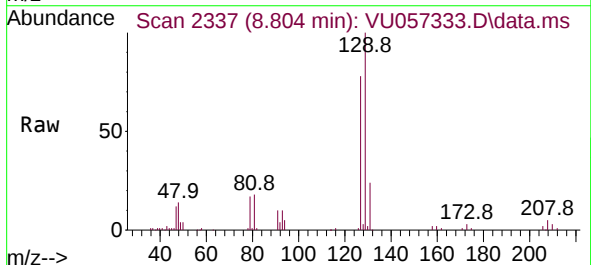
Ion	Ratio	Lower	Upper
43	100		
58	59.4	48.4	72.6
57	21.6	17.4	26.2
100	12.6	10.1	15.1

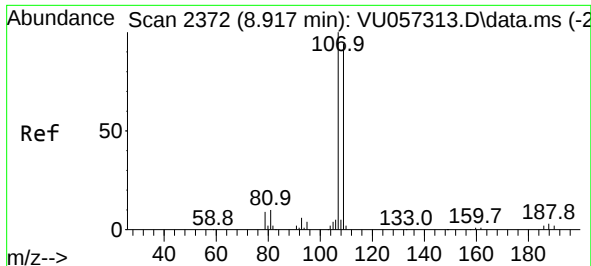


#49
Dibromochloromethane
Concen: 4.294 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 129 Resp: 74714

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.2	100.6





#50

1,2-Dibromoethane

Concen: 4.370 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057333.D

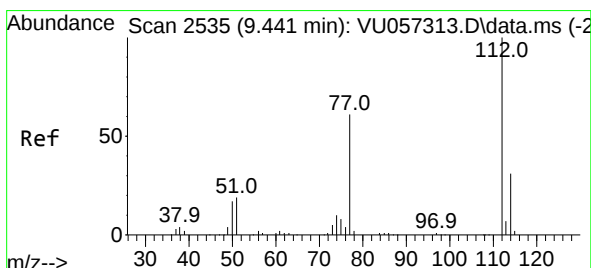
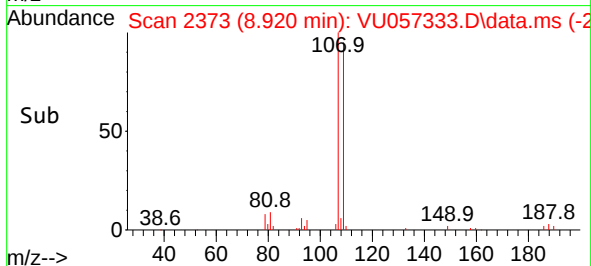
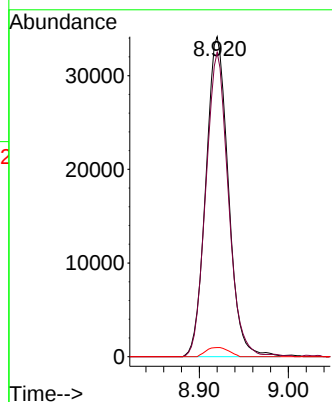
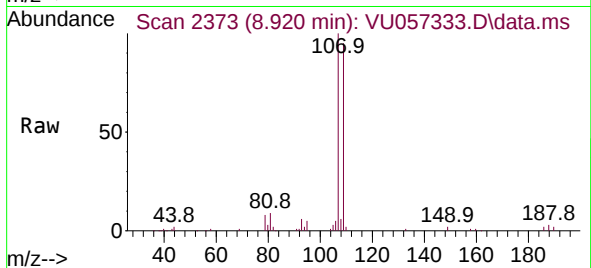
Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	59919
Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.2	121.2
188	2.8	2.3	3.5



#51

Chlorobenzene

Concen: 4.681 ug/L

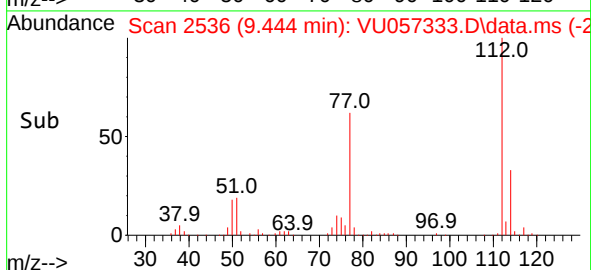
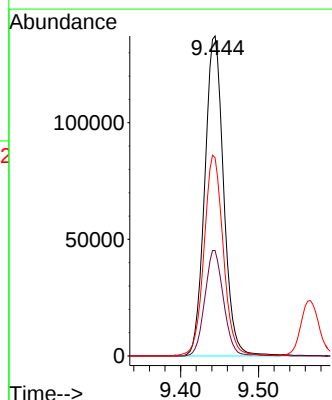
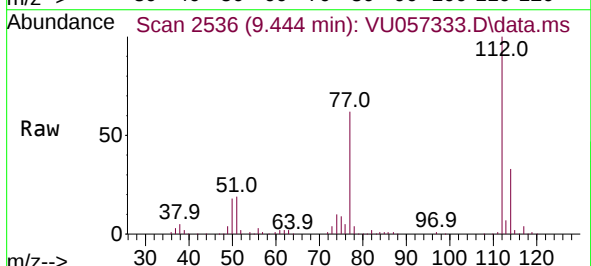
RT: 9.444 min Scan# 2536

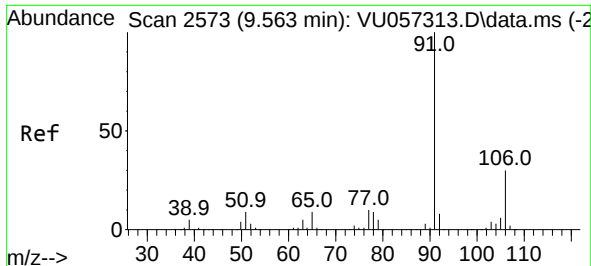
Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Tgt Ion:	112	Resp:	230941
Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.8	40.4
77	62.0	51.2	76.8

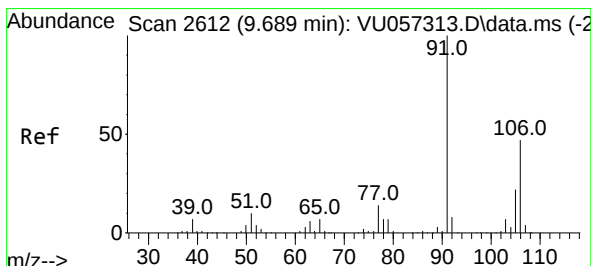
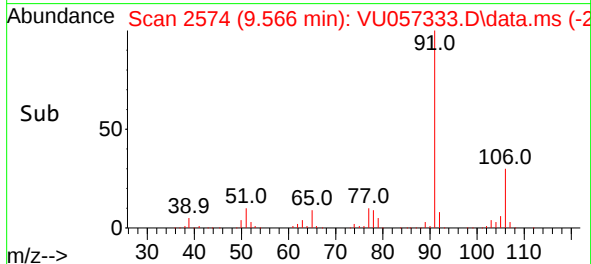
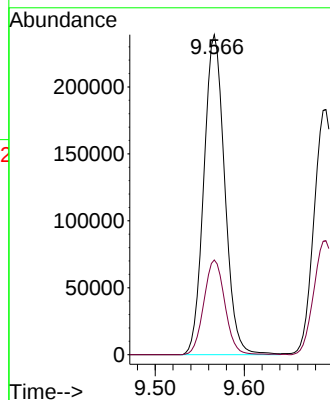
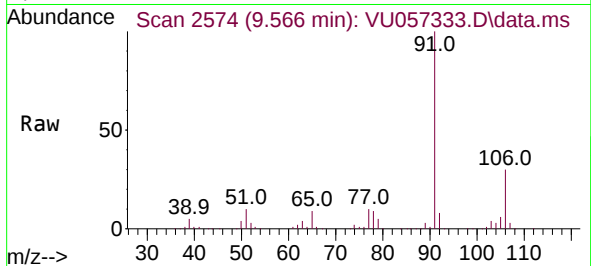




#52
Ethylbenzene
Concen: 4.794 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

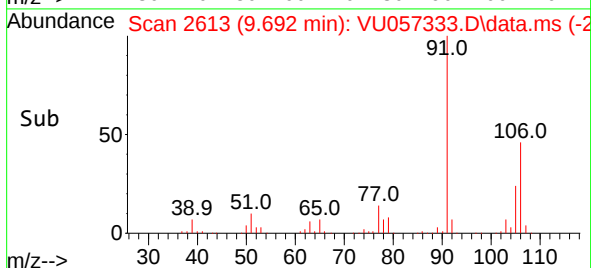
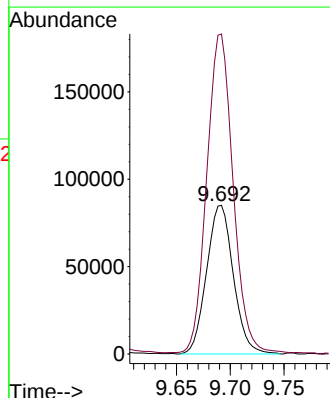
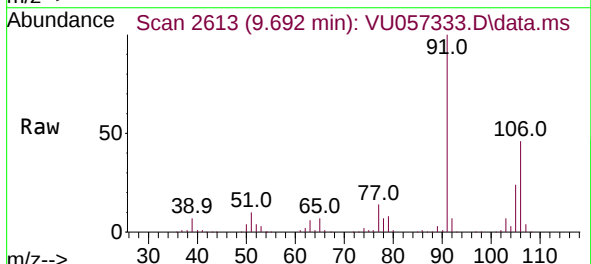
Instrument :
MSVOA_U
ClientSampleId :

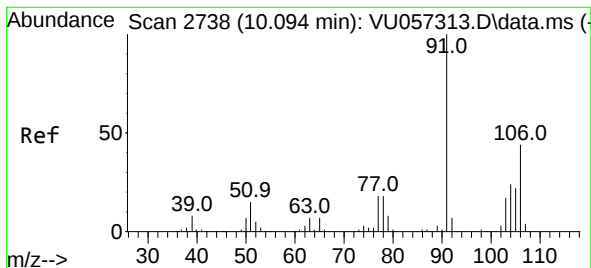
Tgt Ion: 91 Resp: 388363
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.3



#53
m,p-Xylene
Concen: 4.776 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 106 Resp: 147334
Ion Ratio Lower Upper
106 100
91 215.3 151.5 281.5





#54

o-Xylene

Concen: 4.823 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

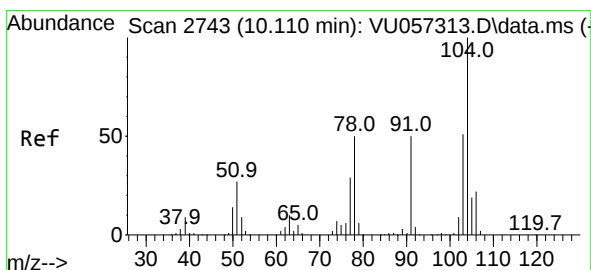
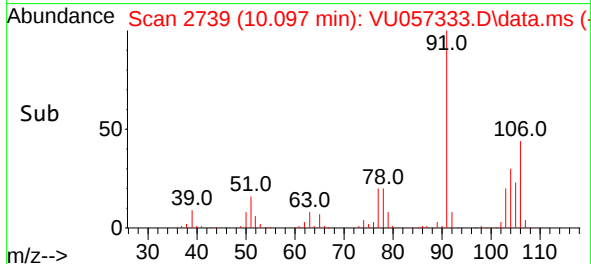
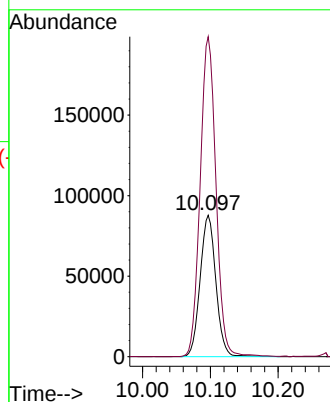
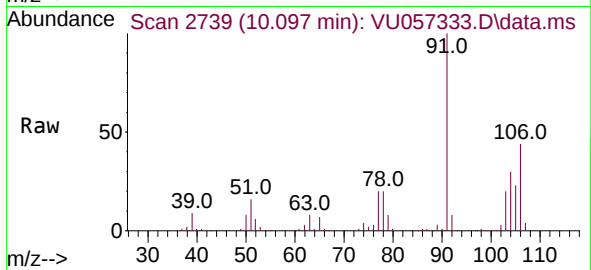
ClientSampleId :

Tgt Ion:106 Resp: 141443

Ion Ratio Lower Upper

106 100

91 226.3 156.0 289.8



#55

Styrene

Concen: 4.963 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU057333.D

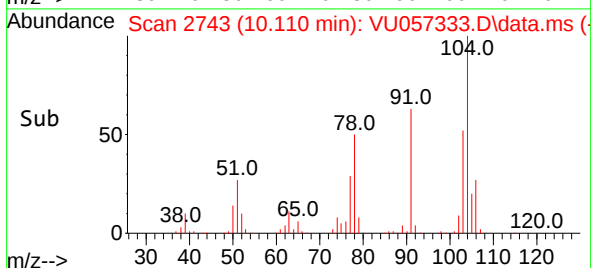
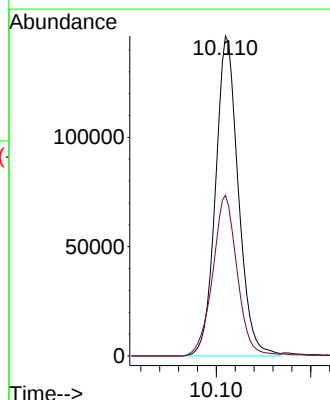
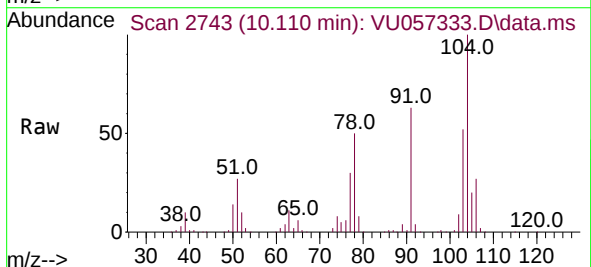
Acq: 28 Dec 2023 14:13

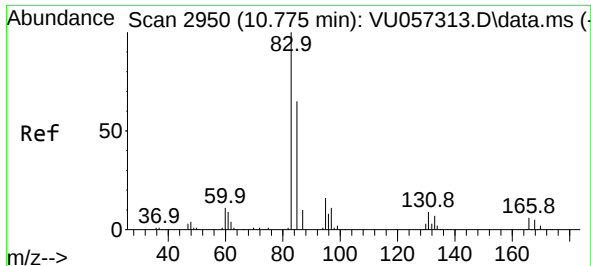
Tgt Ion:104 Resp: 245048

Ion Ratio Lower Upper

104 100

78 50.2 36.3 67.3

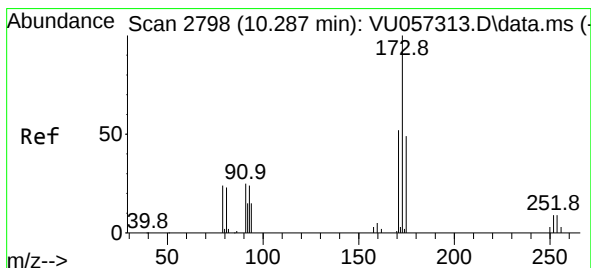
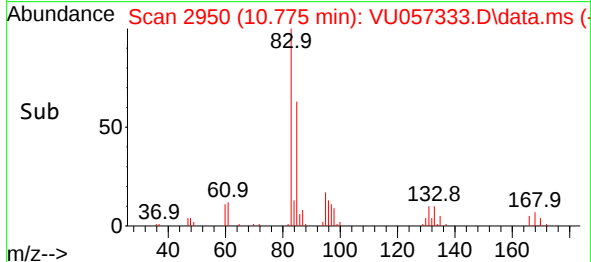
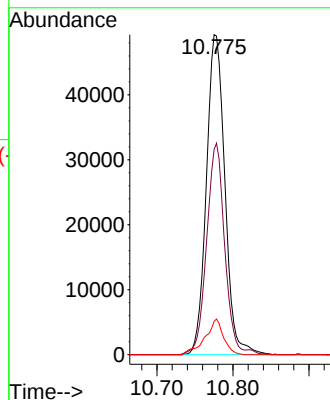
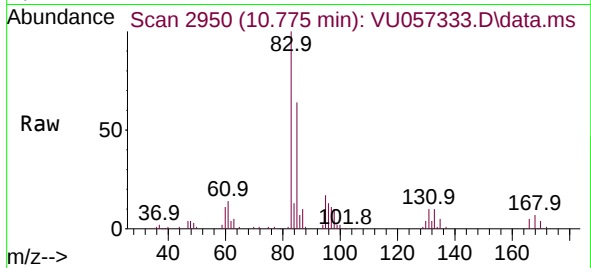




#57
1,1,2,2-Tetrachloroethane
Concen: 4.412 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

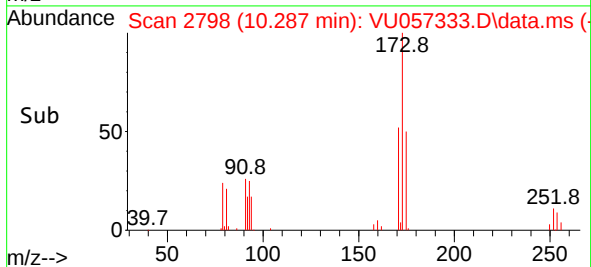
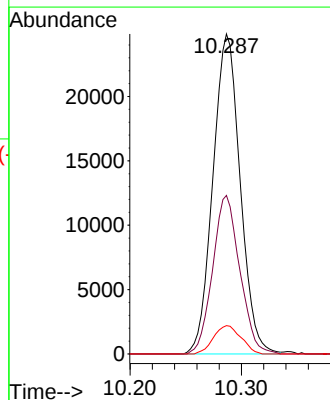
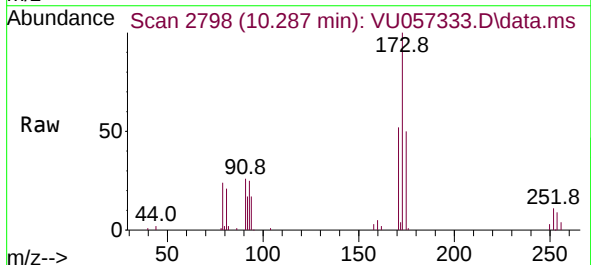
Instrument :
MSVOA_U
ClientSampleId :

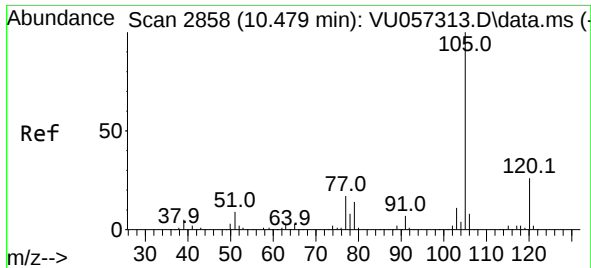
Tgt Ion: 83 Resp: 83397
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 10.4 7.7 11.5



#59
Bromoform
Concen: 4.309 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

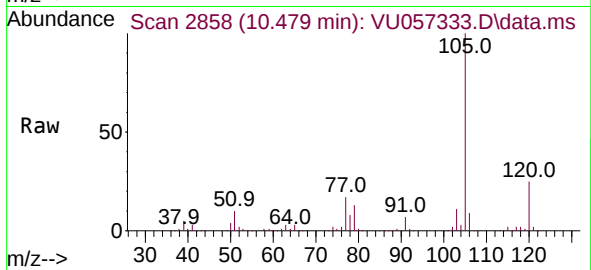
Tgt Ion: 173 Resp: 42220
Ion Ratio Lower Upper
173 100
175 49.2 40.2 60.2
254 8.9 6.8 10.2



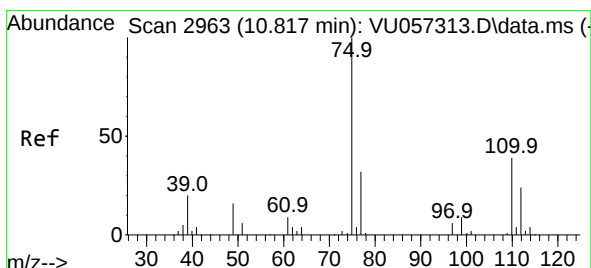
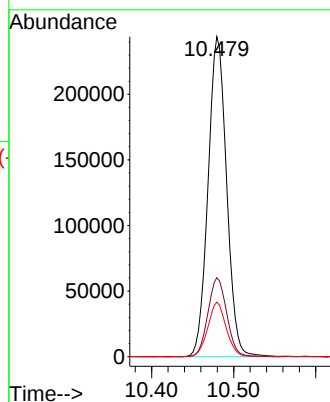
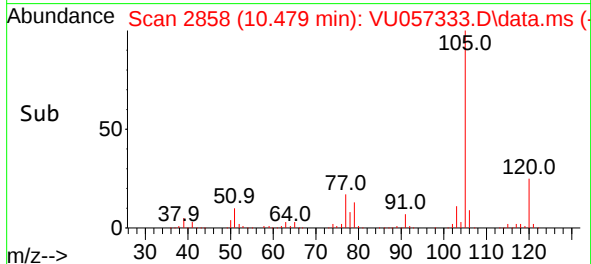


#60
Isopropylbenzene
Concen: 5.003 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :

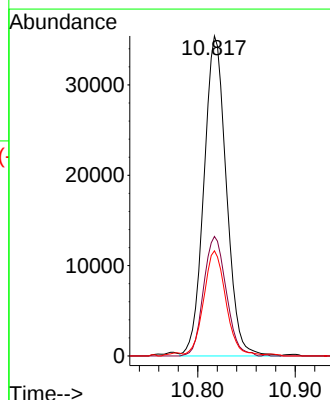
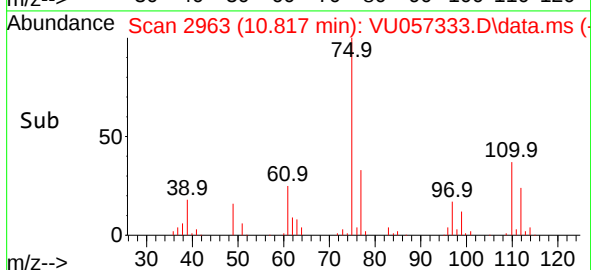
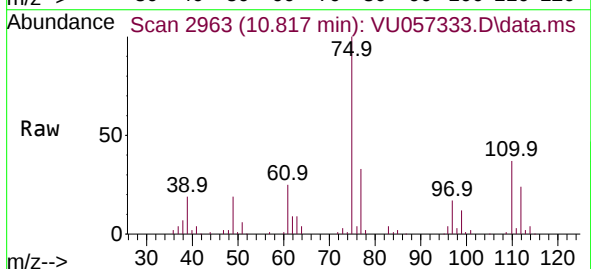


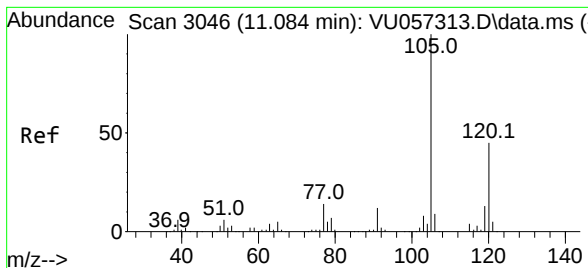
Tgt Ion:105 Resp: 383906
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 16.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.334 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion: 75 Resp: 56617
Ion Ratio Lower Upper
75 100
110 37.7 29.0 43.6
77 31.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.878 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

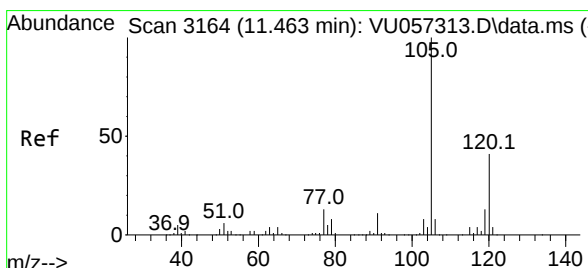
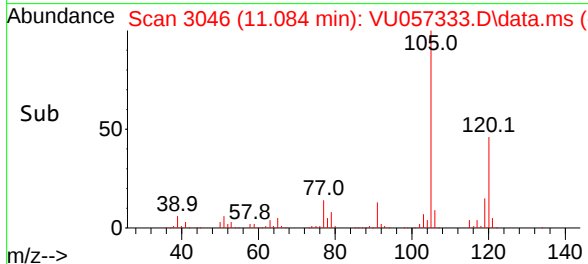
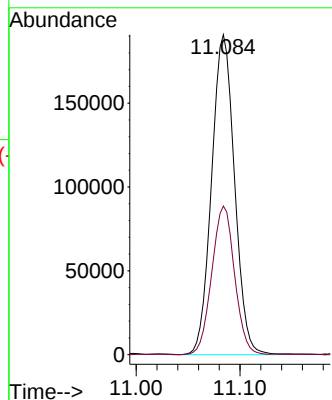
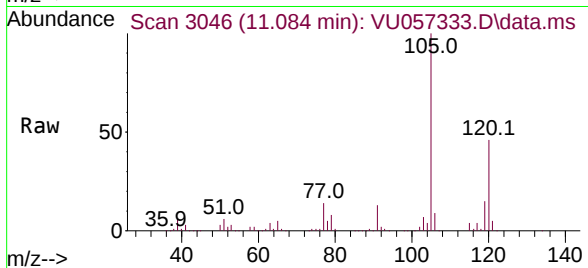
ClientSampleId :

Tgt Ion:105 Resp: 292943

Ion Ratio Lower Upper

105 100

120 46.2 36.0 54.0



#63

1,2,4-Trimethylbenzene

Concen: 4.959 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU057333.D

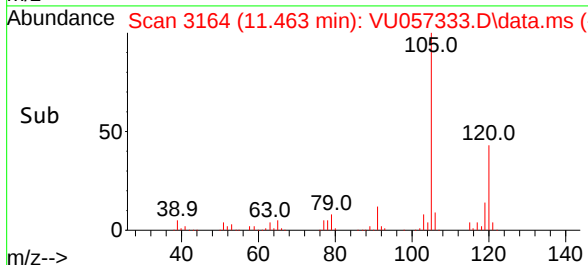
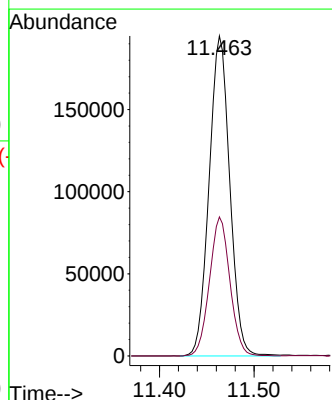
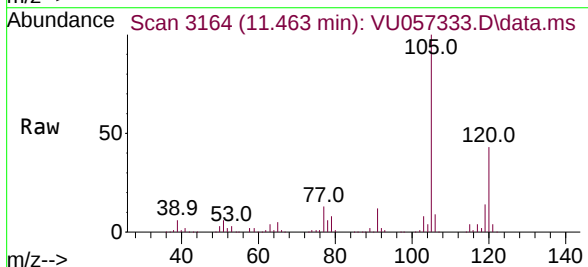
Acq: 28 Dec 2023 14:13

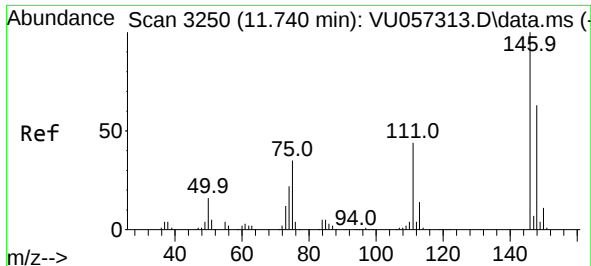
Tgt Ion:105 Resp: 296049

Ion Ratio Lower Upper

105 100

120 42.9 33.5 50.3

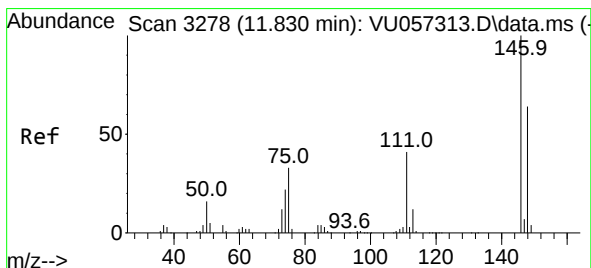
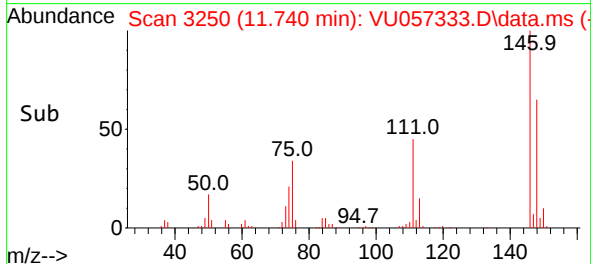
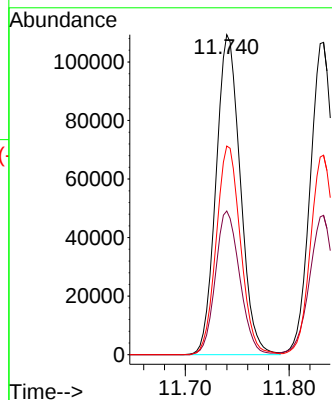
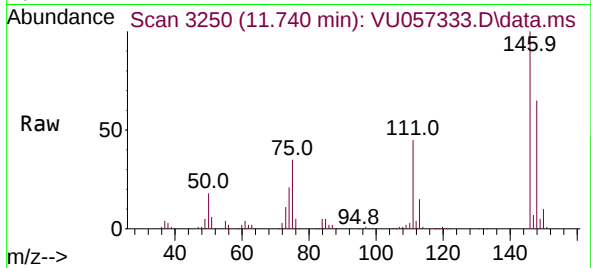




#64
1,3-Dichlorobenzene
Concen: 4.812 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

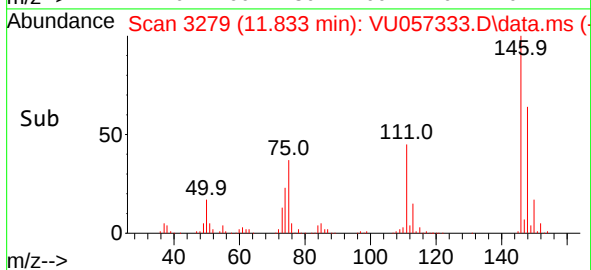
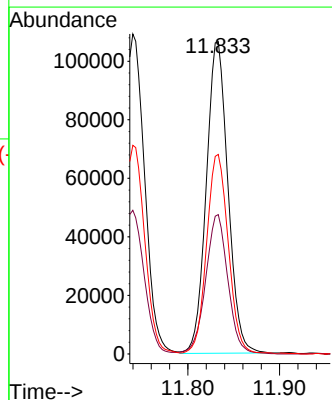
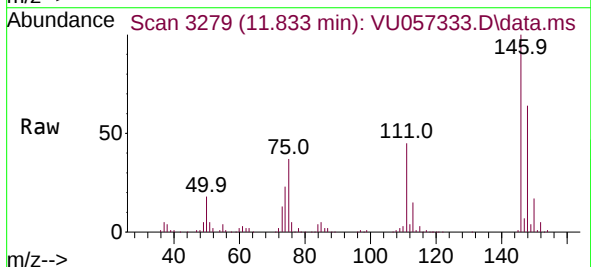
Instrument :
MSVOA_U
ClientSampleId :

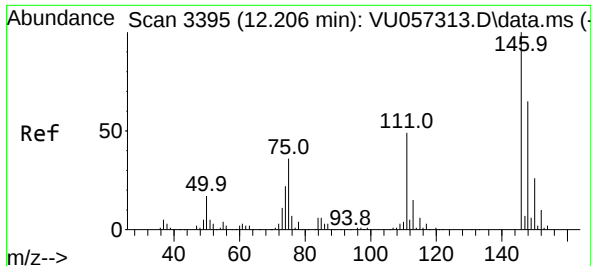
Tgt Ion:146 Resp: 177460
Ion Ratio Lower Upper
146 100
111 44.9 31.4 58.2
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.651 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057333.D
Acq: 28 Dec 2023 14:13

Tgt Ion:146 Resp: 174583
Ion Ratio Lower Upper
146 100
111 44.6 30.9 57.3
148 63.9 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 4.649 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

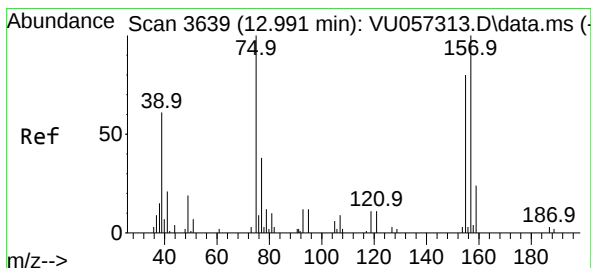
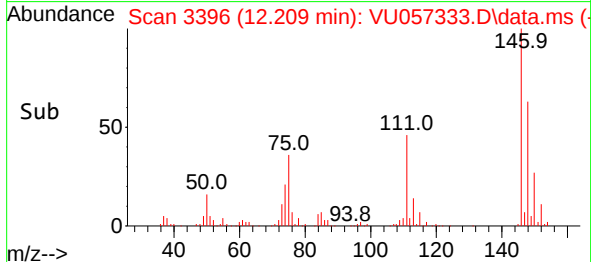
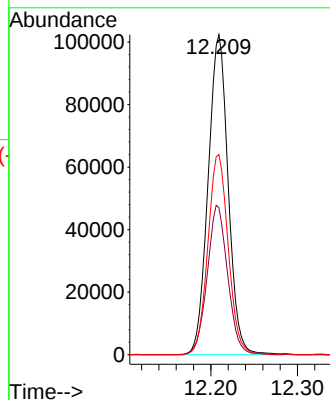
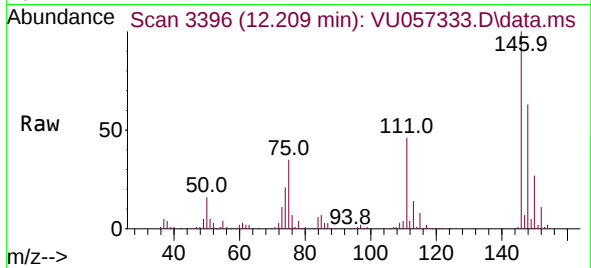
Tgt Ion:146 Resp: 164794

Ion Ratio Lower Upper

146 100

111 46.0 37.8 56.8

148 62.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.892 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

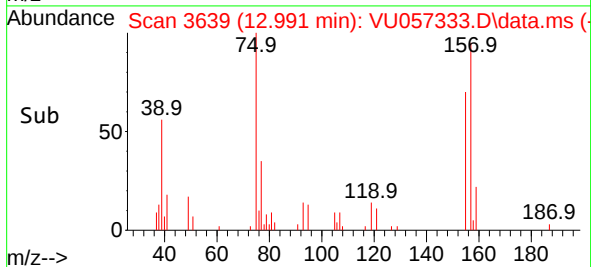
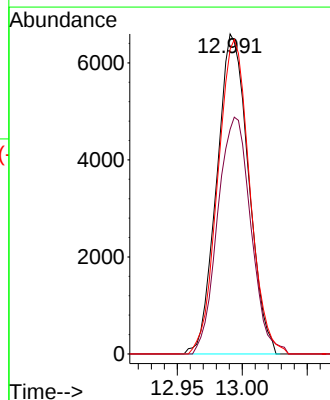
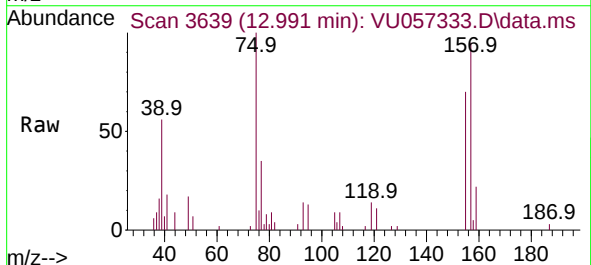
Tgt Ion: 75 Resp: 11180

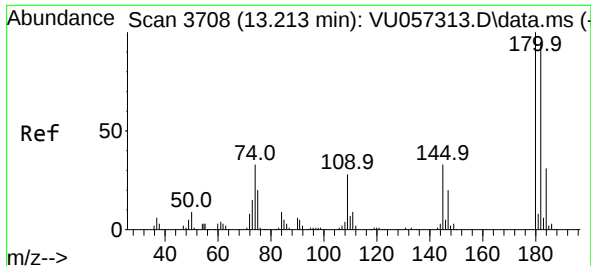
Ion Ratio Lower Upper

75 100

155 70.2 53.8 80.8

157 95.2 69.7 104.5





#69

1,3,5-Trichlorobenzene

Concen: 4.668 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

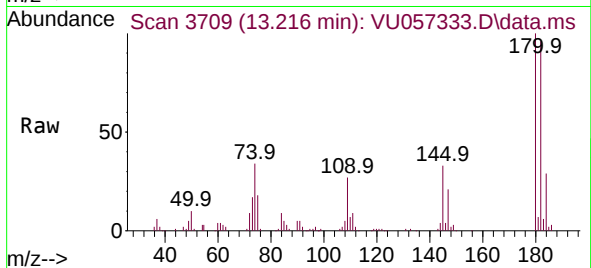
Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 123253

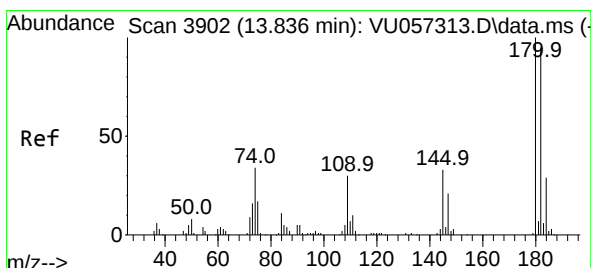
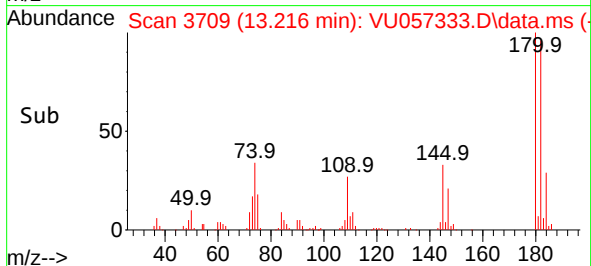
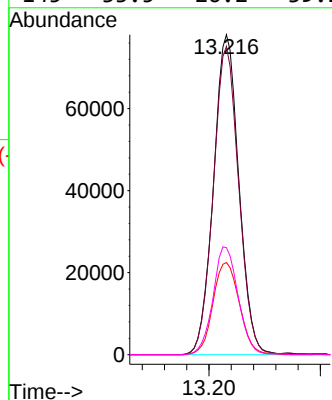
Ion Ratio Lower Upper

180 100

182 96.6 76.3 114.5

184 30.1 23.6 35.4

145 33.5 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 4.380 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

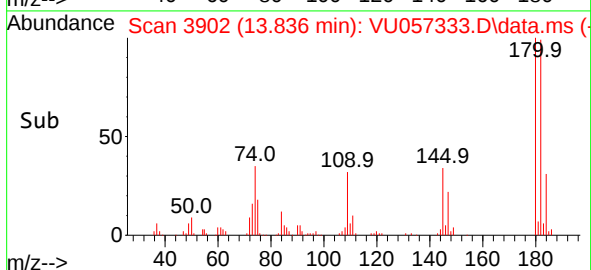
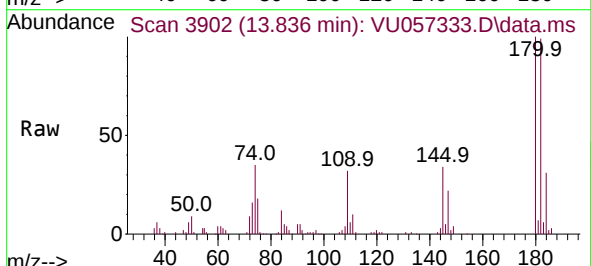
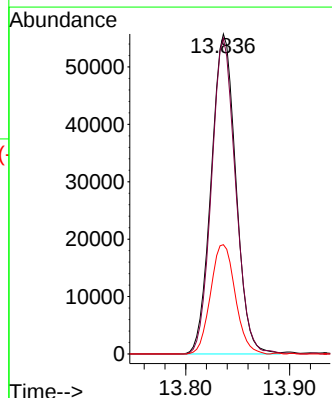
Tgt Ion:180 Resp: 91775

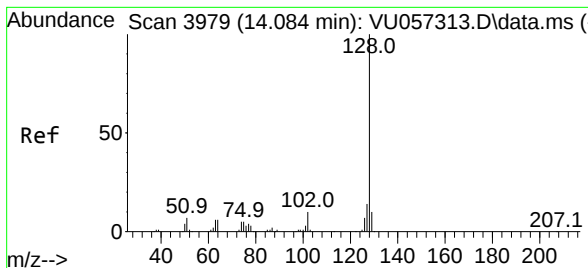
Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.4

145 34.2 26.7 40.1





#71

Naphthalene

Concen: 3.859 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

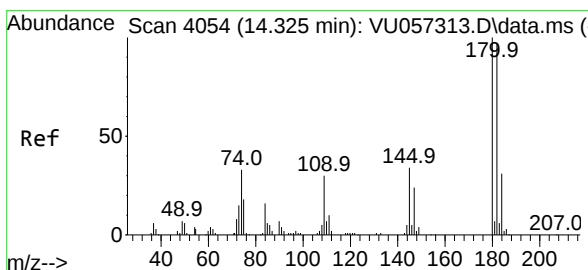
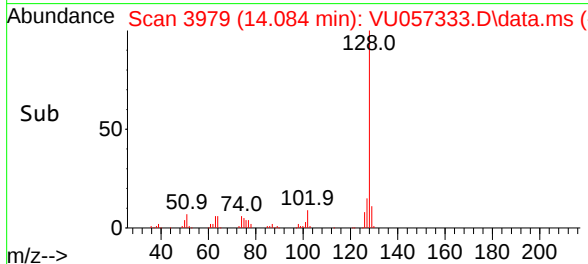
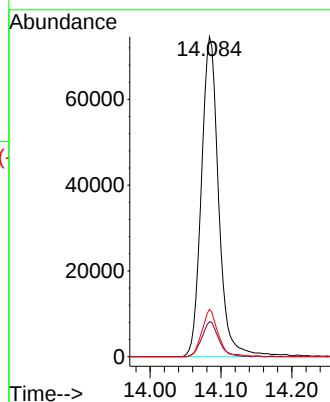
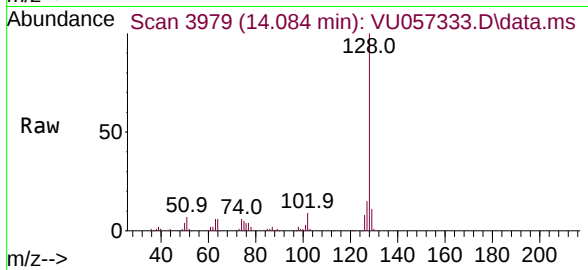
Tgt Ion:128 Resp: 126379

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.9 9.8 14.6



#72

1,2,3-Trichlorobenzene

Concen: 4.231 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU057333.D

Acq: 28 Dec 2023 14:13

Tgt Ion:180 Resp: 77262

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 36.6 28.0 42.0

