

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062228.D
 Acq On : 11 Dec 2024 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	101811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	96973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28592	4.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.908	69	23067	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.557	65	14077	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.631	46	70291	53.409	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	5.052	84	71893	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	36820	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.718	84	126997	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	36441	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	118063	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	16528	4.699	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	55139	51.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30655	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	43392	4.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	48797	5.117	ug/L	100
3) Chloromethane	1.515	50	35763	4.784	ug/L	99
5) Vinyl chloride	1.599	62	38459	4.941	ug/L	96
6) Bromomethane	1.853	94	25494	4.914	ug/L	98
8) Chloroethane	1.930	64	21638	4.964	ug/L	96
9) Trichlorofluoromethane	2.133	101	69606	5.153	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	38388	5.221	ug/L	91
12) 1,1-Dichloroethene	2.573	96	33753	4.910	ug/L	92
13) Acetone	2.650	43	48620	54.258	ug/L	97
14) Carbon disulfide	2.785	76	101459	4.667	ug/L	98
15) Methyl Acetate	2.956	43	11088	4.937	ug/L	92
16) Methylene chloride	3.036	84	36688	5.084	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	86878	5.073	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	35649	5.047	ug/L	90
19) 1,1-Dichloroethane	3.859	63	65793	5.082	ug/L	99
21) 2-Butanone	4.708	43	67984	52.241	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	39574	4.999	ug/L	94
23) Bromochloromethane	4.965	128	18898	5.446	ug/L	# 81
25) Chloroform	5.078	83	75070	5.148	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062228.D
 Acq On : 11 Dec 2024 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

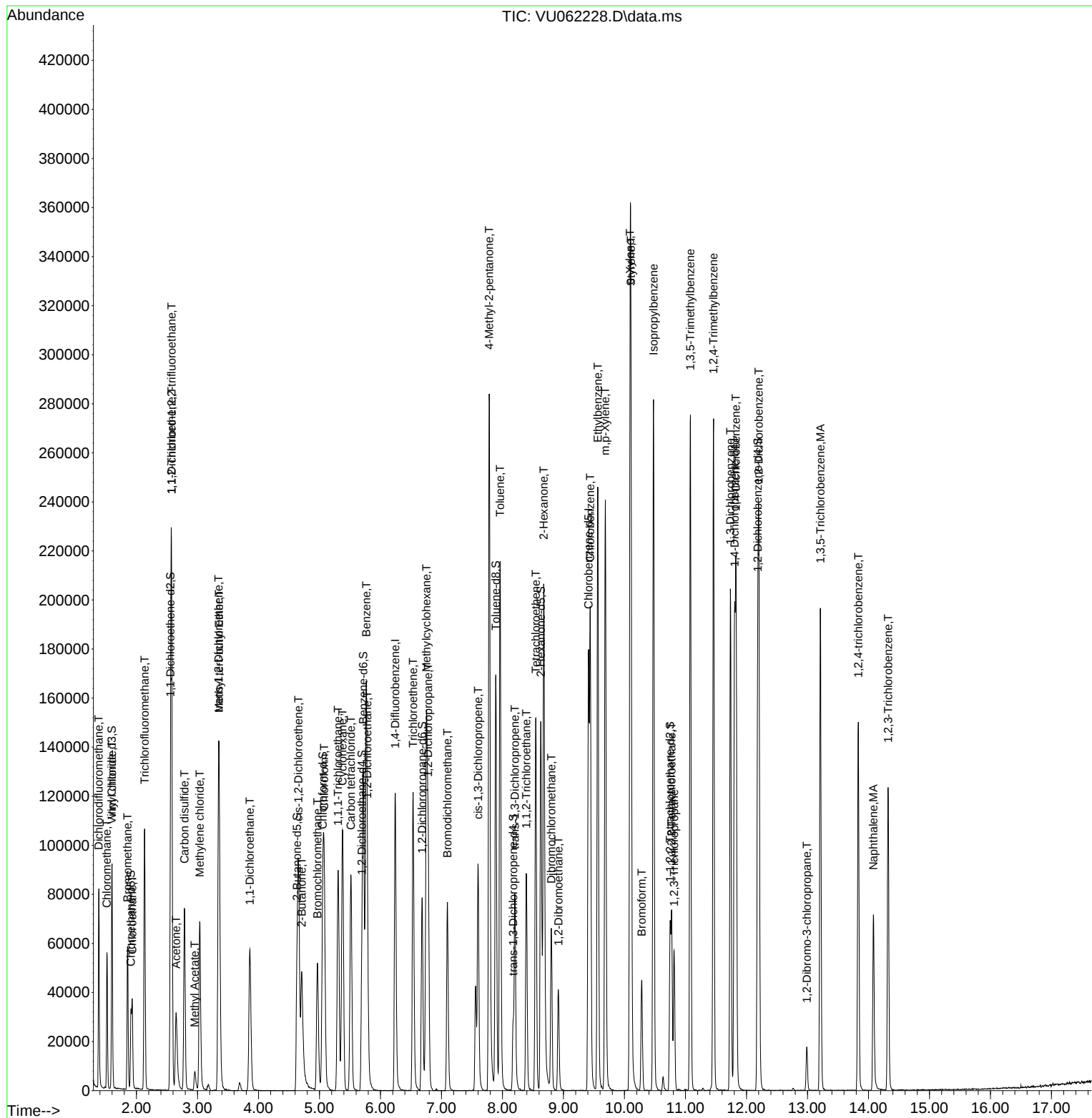
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46780	5.048	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	69329	5.082	ug/L	96
30) Cyclohexane	5.377	56	53457	4.833	ug/L	93
31) Carbon tetrachloride	5.515	117	64791	5.180	ug/L	98
33) Benzene	5.766	78	148622	4.946	ug/L	100
34) Trichloroethene	6.534	95	42416	4.983	ug/L	96
35) Methylcyclohexane	6.753	83	61558	4.877	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36892	5.041	ug/L	99
38) Bromodichloromethane	7.097	83	52342	5.069	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	56858	4.847	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	175063	51.040	ug/L #	92
42) Toluene	7.962	91	164788	5.085	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	49693	5.188	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	28358	5.133	ug/L	98
47) Tetrachloroethene	8.547	164	33977	5.169	ug/L	96
48) 2-Hexanone	8.676	43	126707	49.987	ug/L #	92
49) Dibromochloromethane	8.801	129	34905	5.229	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27595	5.198	ug/L #	97
51) Chlorobenzene	9.438	112	105471	5.080	ug/L	97
52) Ethylbenzene	9.563	91	181236	4.988	ug/L	99
53) m,p-Xylene	9.685	106	70156	5.230	ug/L	92
54) o-Xylene	10.090	106	67695	5.189	ug/L	99
55) Styrene	10.107	104	111336	5.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33059	5.142	ug/L	98
59) Bromoform	10.283	173	21152	5.469	ug/L	99
60) Isopropylbenzene	10.476	105	185252	5.211	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24479	5.379	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	156391	5.198	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	152821	5.185	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	84746	5.190	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	84267	5.125	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	79741	5.284	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5409	5.449	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	63063	5.195	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	46735	4.876	ug/L	98
71) Naphthalene	14.081	128	63926	4.442	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40533	4.796	ug/L	100

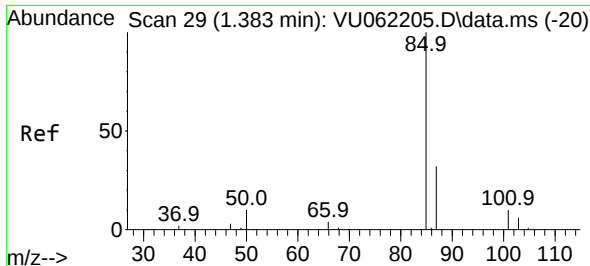
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062228.D
 Acq On : 11 Dec 2024 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

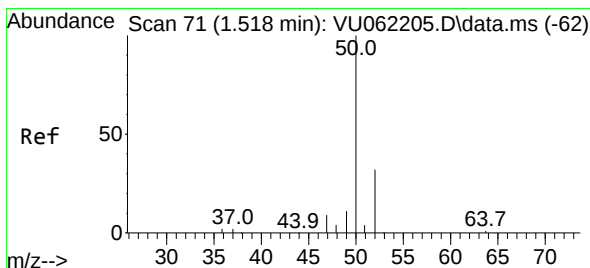
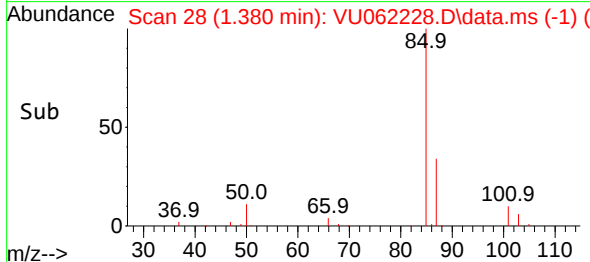
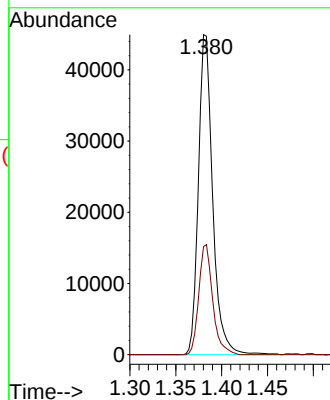
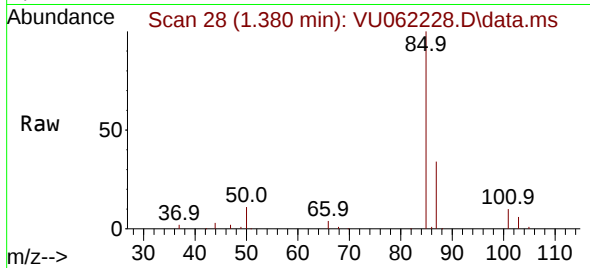




#2
Dichlorodifluoromethane
Concen: 5.117 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

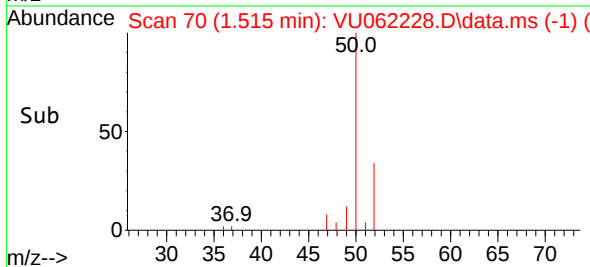
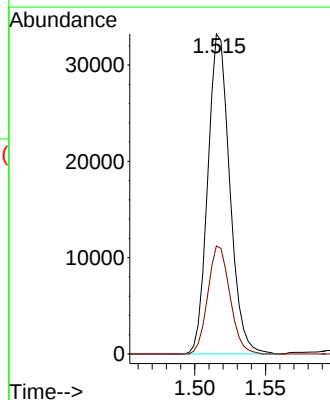
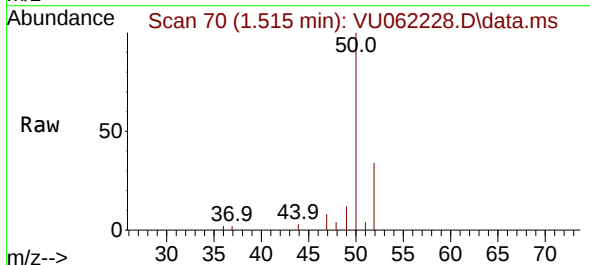
Instrument :
MSVOA_U
ClientSampleId :

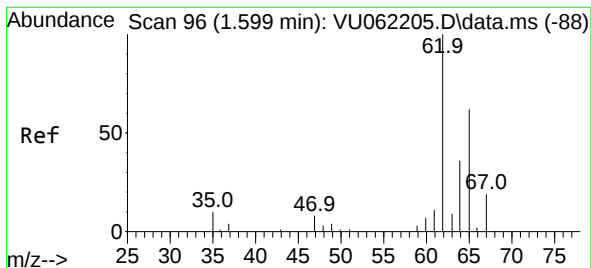
Tgt Ion: 85 Resp: 48797
Ion Ratio Lower Upper
85 100
87 33.5 26.6 40.0



#3
Chloromethane
Concen: 4.784 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion: 50 Resp: 35763
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9





#5

Vinyl chloride

Concen: 4.941 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

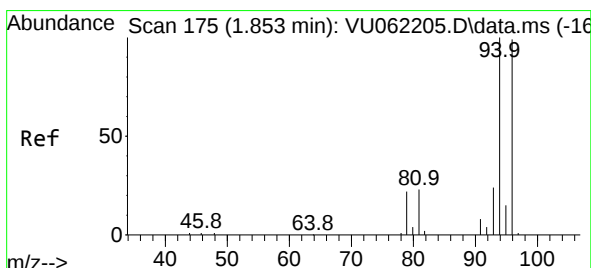
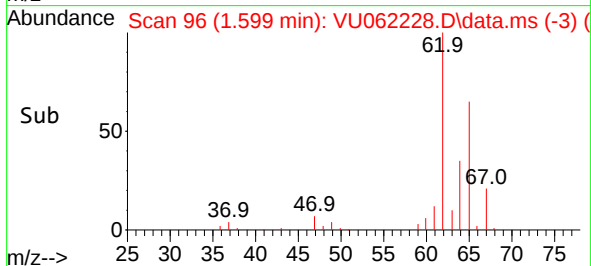
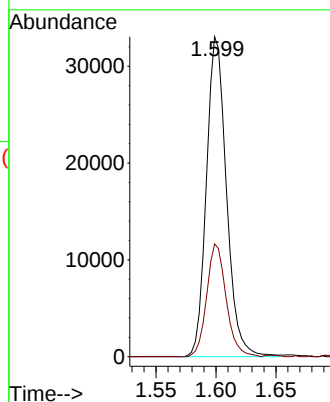
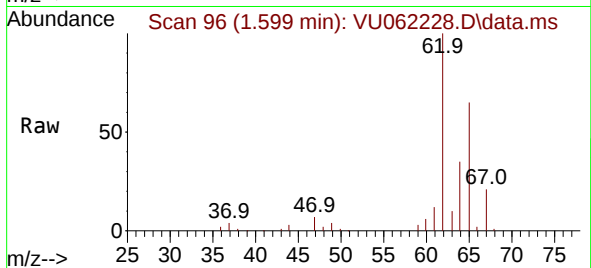
ClientSampleId :

Tgt Ion: 62 Resp: 38459

Ion Ratio Lower Upper

62 100

64 35.3 23.1 42.9



#6

Bromomethane

Concen: 4.914 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU062228.D

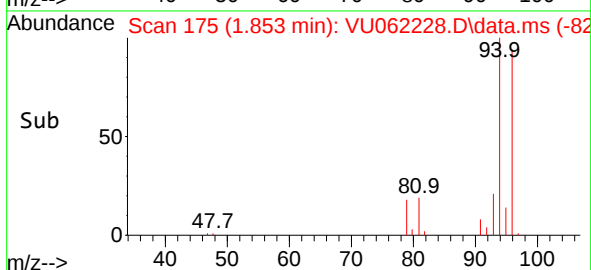
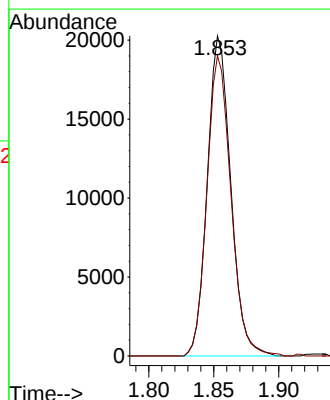
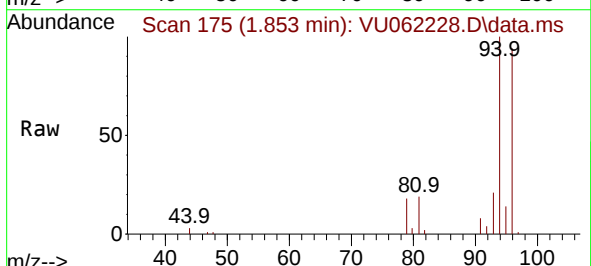
Acq: 11 Dec 2024 09:24

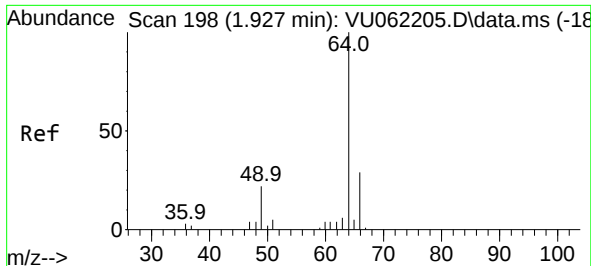
Tgt Ion: 94 Resp: 25494

Ion Ratio Lower Upper

94 100

96 93.8 64.5 119.9





#8

Chloroethane

Concen: 4.964 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

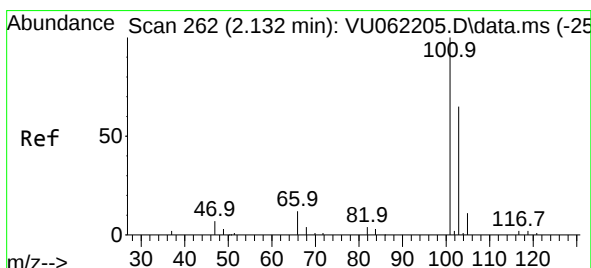
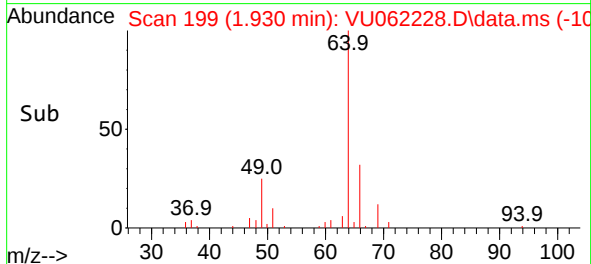
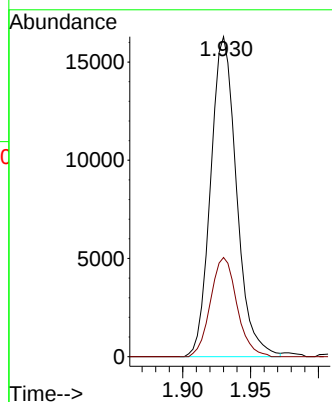
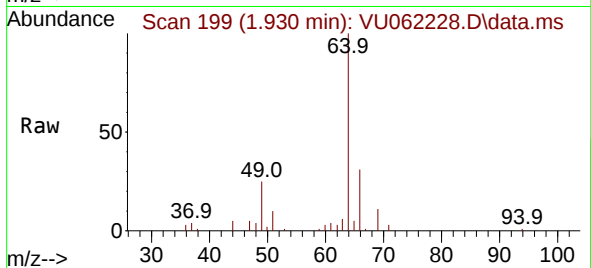
ClientSampleId :

Tgt Ion: 64 Resp: 21638

Ion Ratio Lower Upper

64 100

66 31.0 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.153 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU062228.D

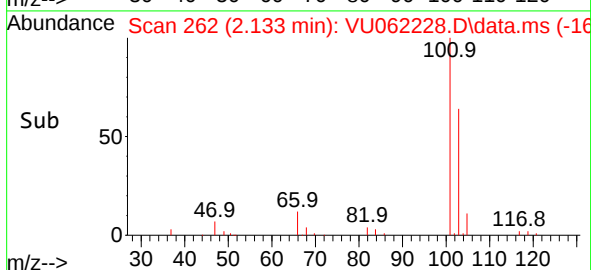
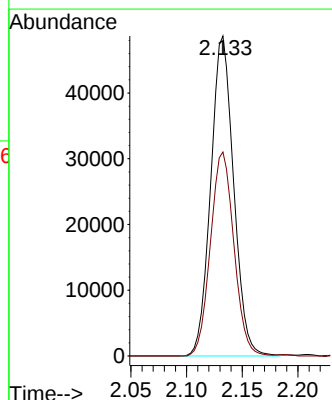
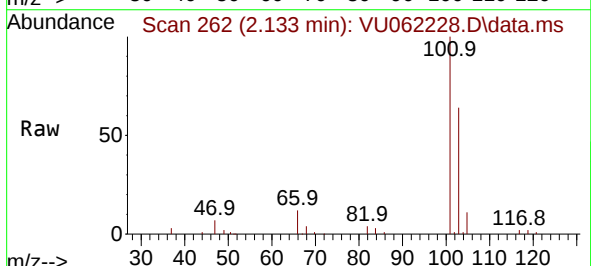
Acq: 11 Dec 2024 09:24

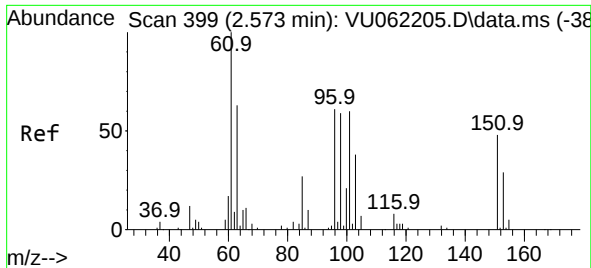
Tgt Ion:101 Resp: 69606

Ion Ratio Lower Upper

101 100

103 65.2 50.6 75.8

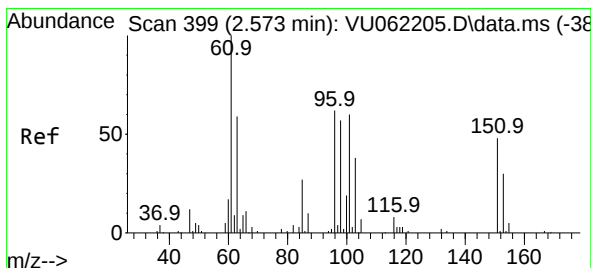
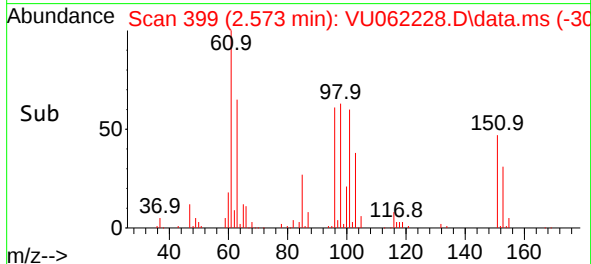
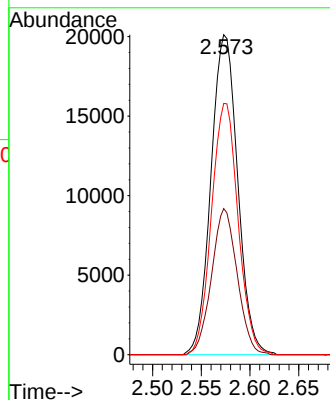
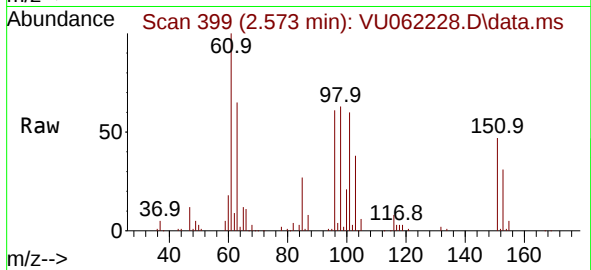




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.221 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062228.D
 Acq: 11 Dec 2024 09:24

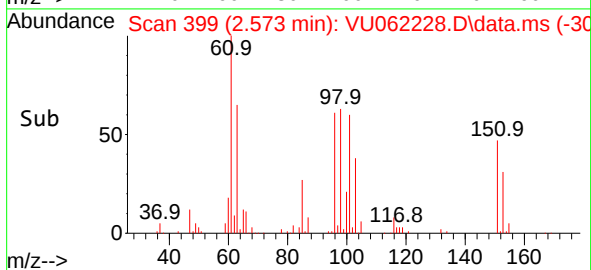
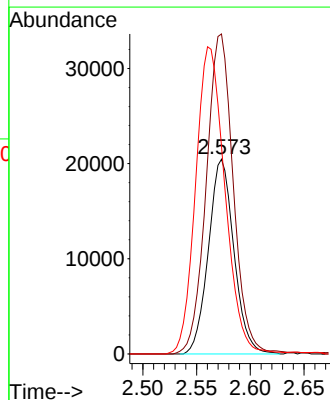
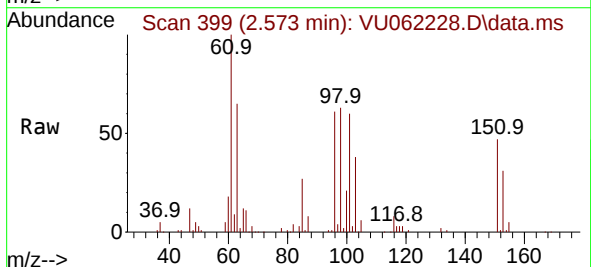
Instrument :
 MSVOA_U
 ClientSampleId :

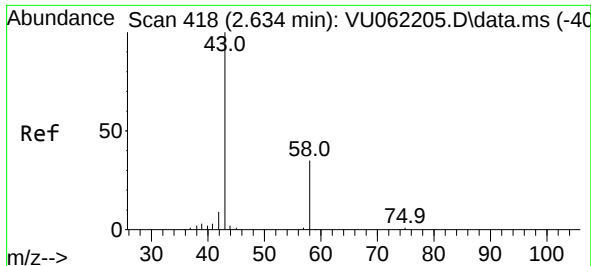
Tgt Ion: 101 Resp: 38388
 Ion Ratio Lower Upper
 101 100
 85 43.9 38.0 57.0
 151 78.1 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.910 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062228.D
 Acq: 11 Dec 2024 09:24

Tgt Ion: 96 Resp: 33753
 Ion Ratio Lower Upper
 96 100
 61 164.4 119.6 222.2
 63 106.8 65.0 120.6





#13

Acetone

Concen: 54.258 ug/L

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

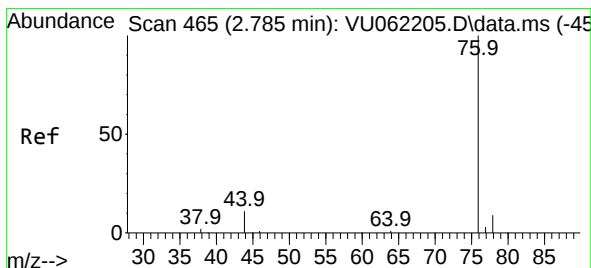
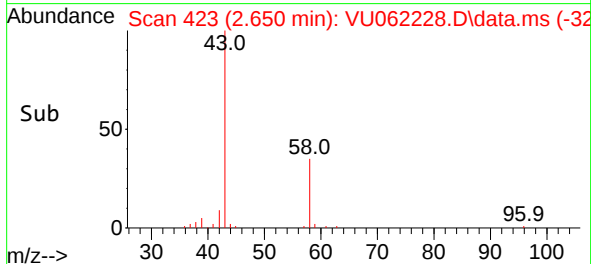
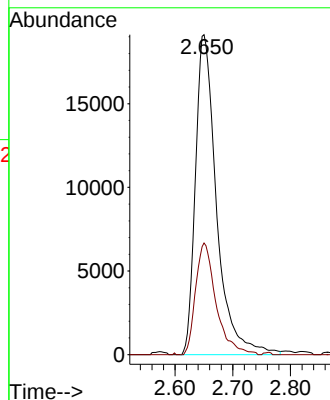
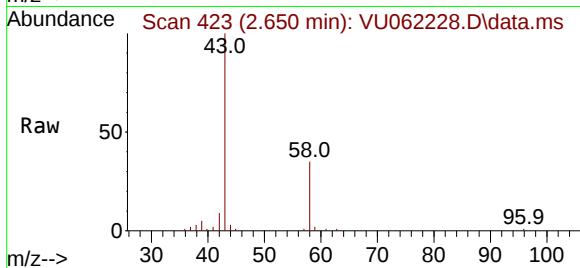
ClientSampleId :

Tgt Ion: 43 Resp: 48620

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.667 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062228.D

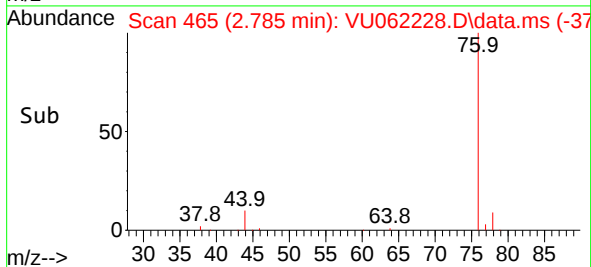
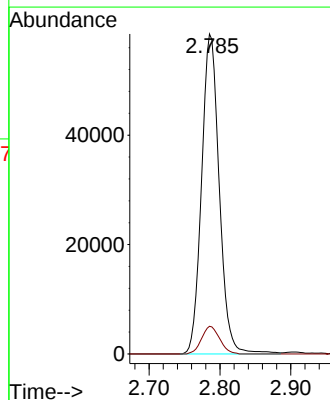
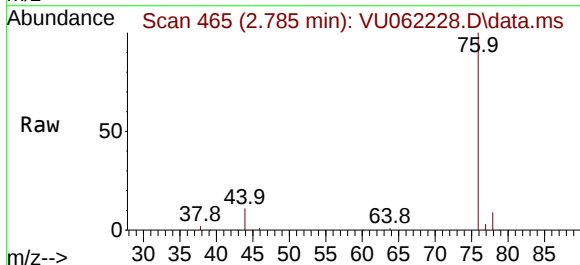
Acq: 11 Dec 2024 09:24

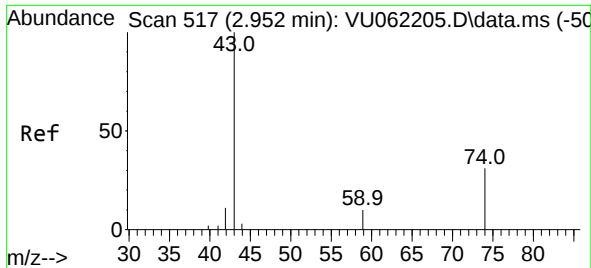
Tgt Ion: 76 Resp: 101459

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

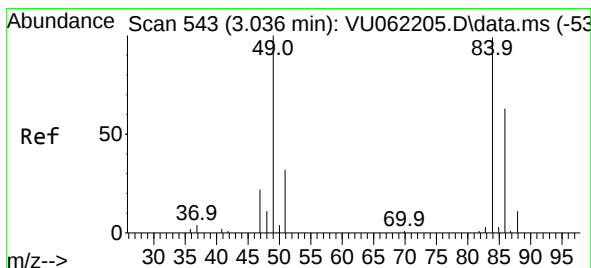
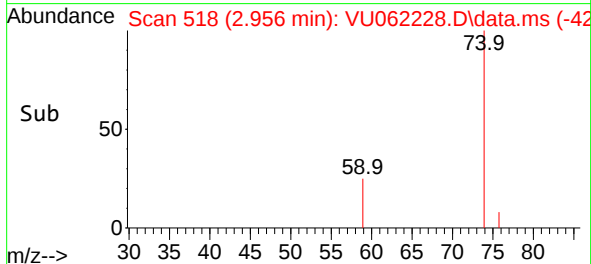
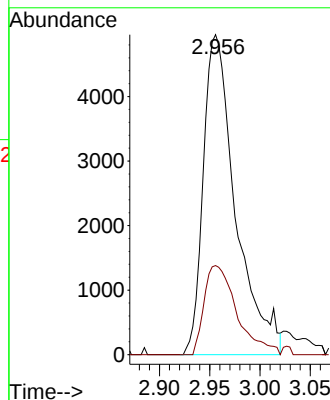
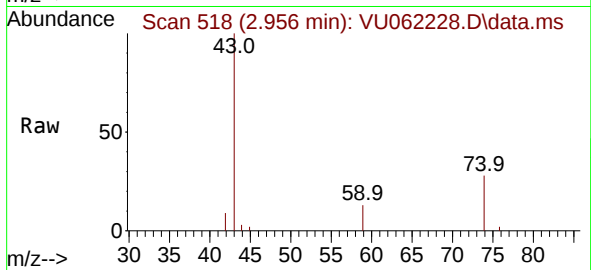




#15
Methyl Acetate
Concen: 4.937 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

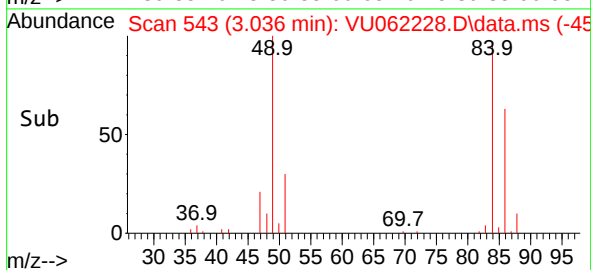
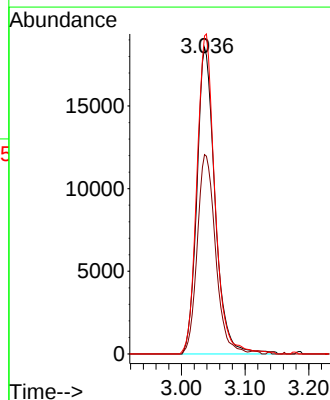
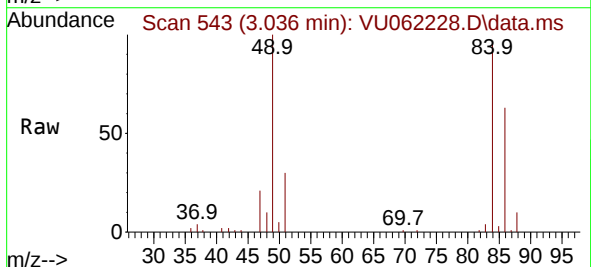
Instrument :
MSVOA_U
ClientSampleId :

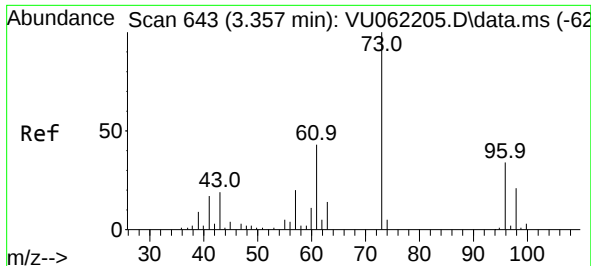
Tgt Ion: 43 Resp: 11088
Ion Ratio Lower Upper
43 100
74 28.2 19.4 29.2



#16
Methylene chloride
Concen: 5.084 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion: 84 Resp: 36688
Ion Ratio Lower Upper
84 100
86 65.1 43.5 80.7
49 103.8 81.9 152.1

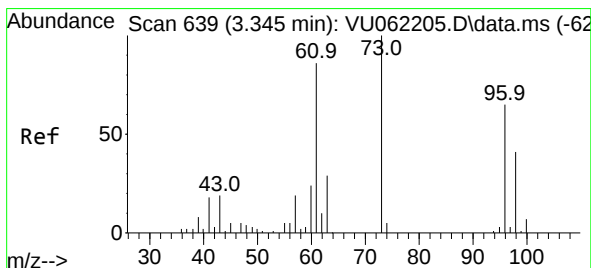
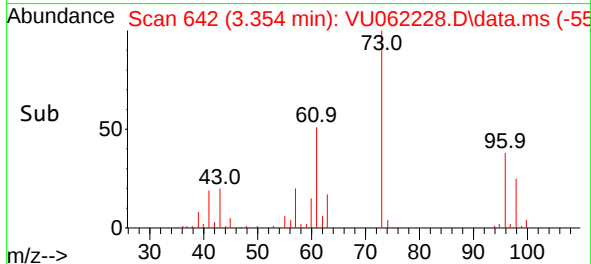
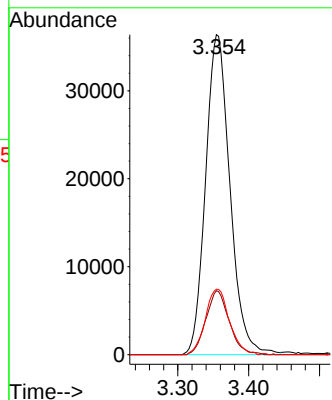
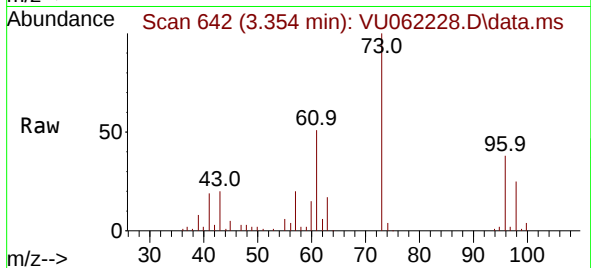




#17
Methyl tert-butyl Ether
Concen: 5.073 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

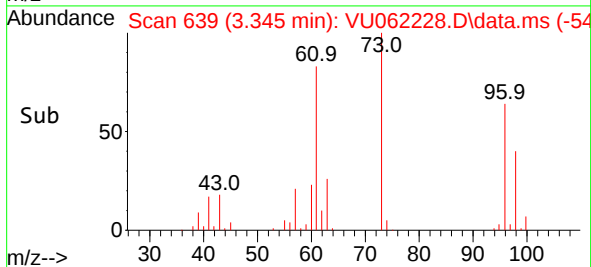
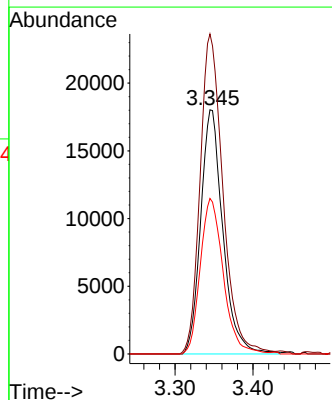
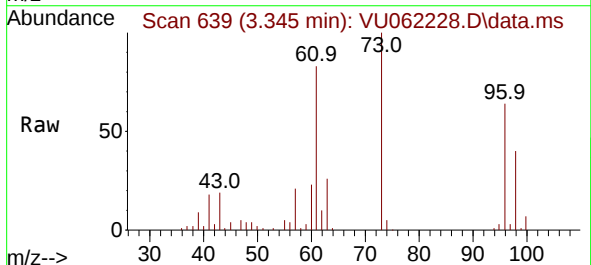
Instrument :
MSVOA_U
ClientSampleId :

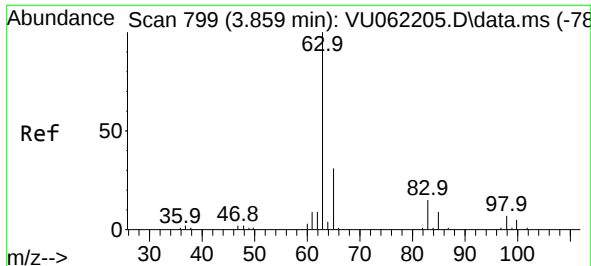
Tgt Ion: 73 Resp: 86878
Ion Ratio Lower Upper
73 100
43 19.1 16.3 24.5
57 20.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.047 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion: 96 Resp: 35649
Ion Ratio Lower Upper
96 100
61 131.1 104.2 193.4
98 63.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.082 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

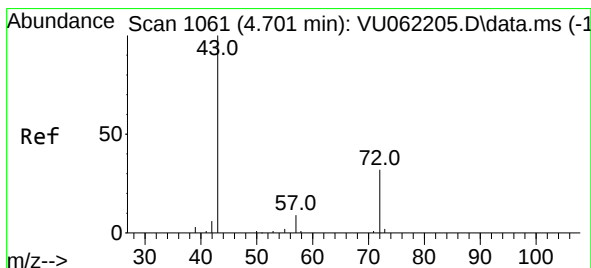
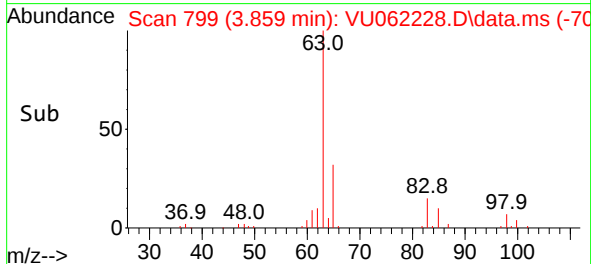
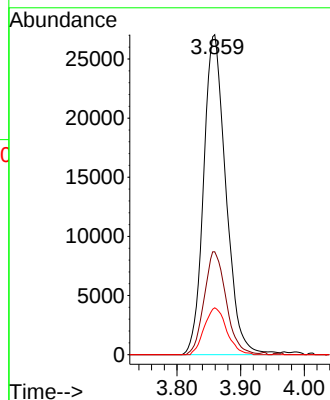
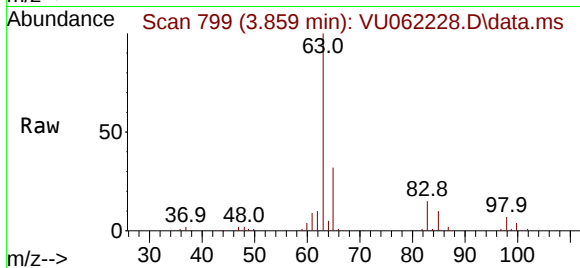
Tgt Ion: 63 Resp: 65793

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 14.6 9.9 18.3



#21

2-Butanone

Concen: 52.241 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VU062228.D

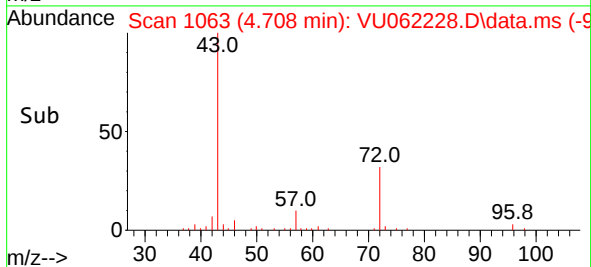
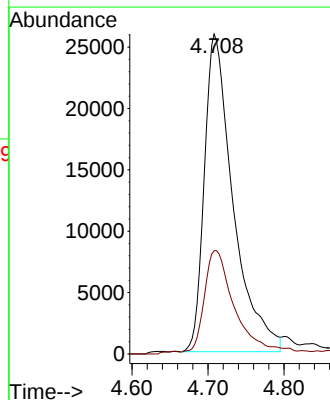
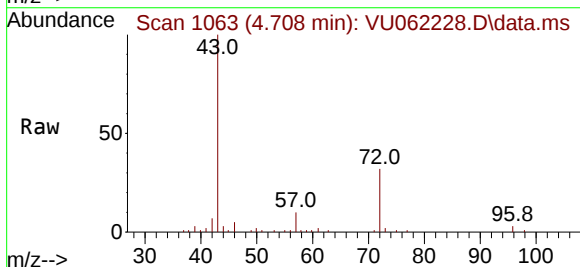
Acq: 11 Dec 2024 09:24

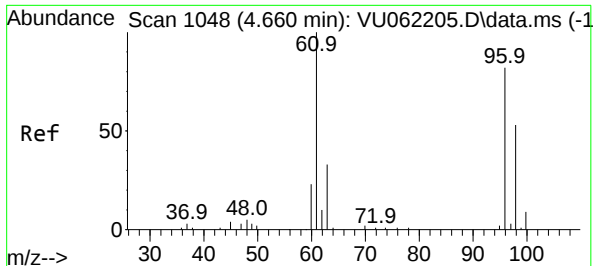
Tgt Ion: 43 Resp: 67984

Ion Ratio Lower Upper

43 100

72 33.5 14.8 44.4

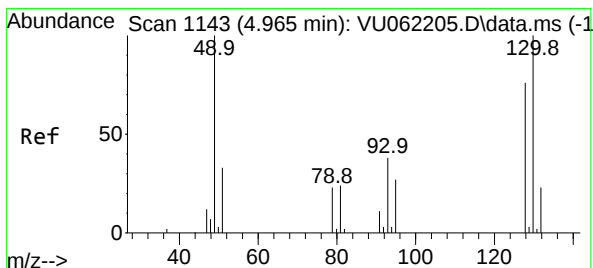
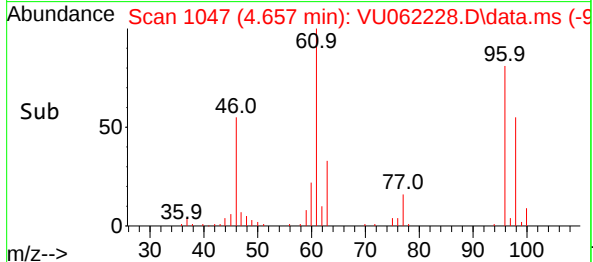
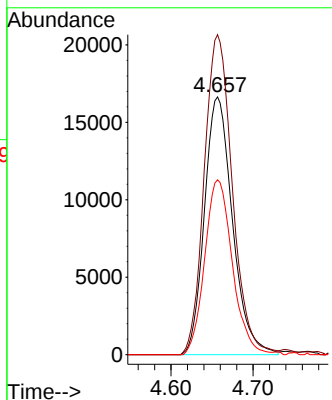
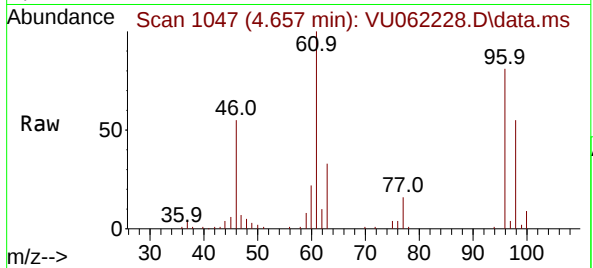




#22
 cis-1,2-Dichloroethene
 Concen: 4.999 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU062228.D
 Acq: 11 Dec 2024 09:24

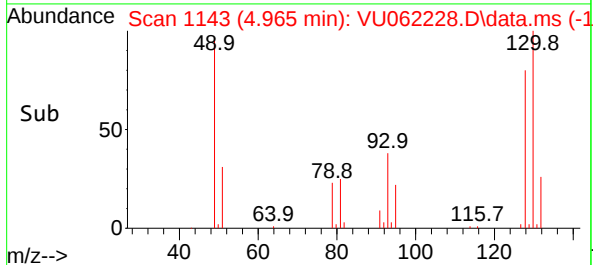
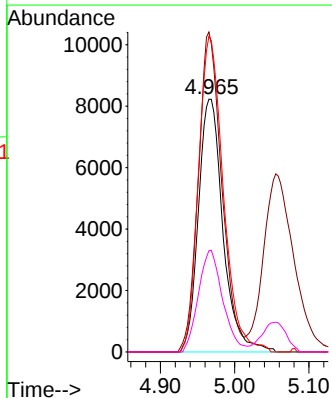
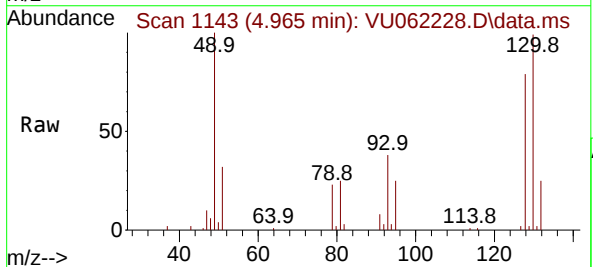
Instrument :
 MSVOA_U
 ClientSampleId :

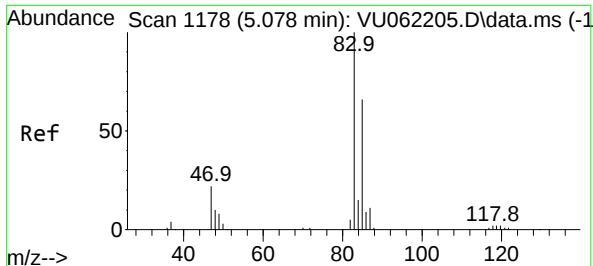
Tgt Ion: 96 Resp: 39574
 Ion Ratio Lower Upper
 96 100
 61 124.1 92.0 170.8
 98 67.9 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.446 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062228.D
 Acq: 11 Dec 2024 09:24

Tgt Ion: 128 Resp: 18898
 Ion Ratio Lower Upper
 128 100
 49 126.6 115.3 214.1
 130 124.8 92.0 170.8
 51 40.1 44.7 67.1#





#25

Chloroform

Concen: 5.148 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

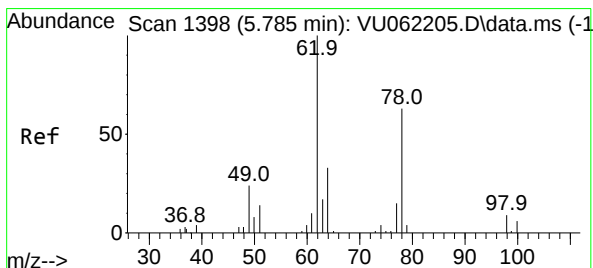
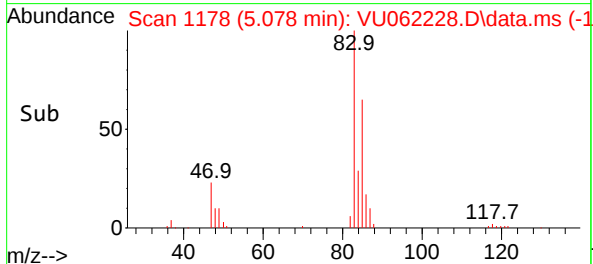
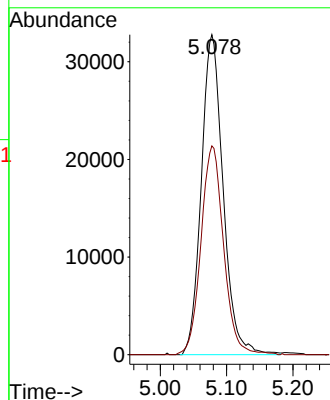
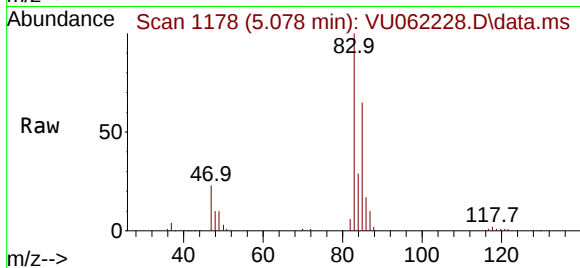
ClientSampleId :

Tgt Ion: 83 Resp: 75070

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.048 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062228.D

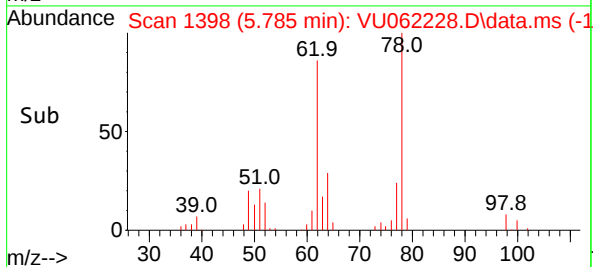
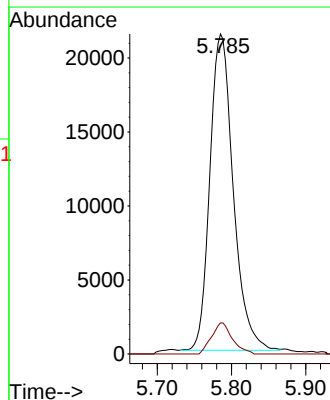
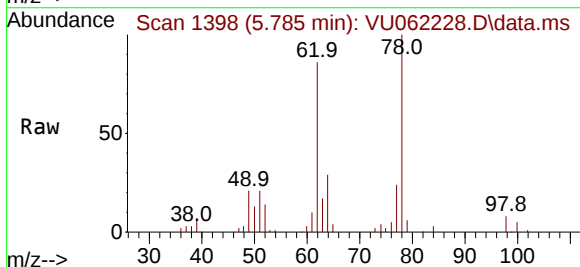
Acq: 11 Dec 2024 09:24

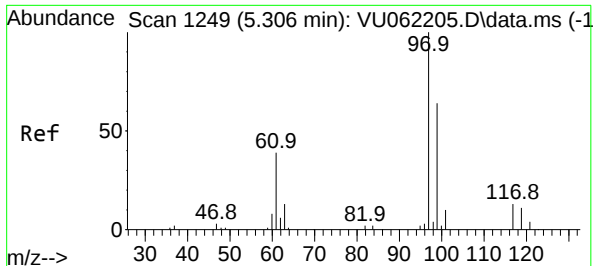
Tgt Ion: 62 Resp: 46780

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.082 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

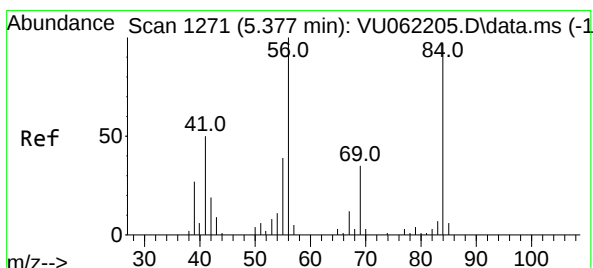
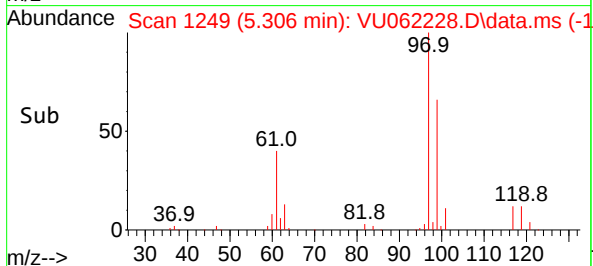
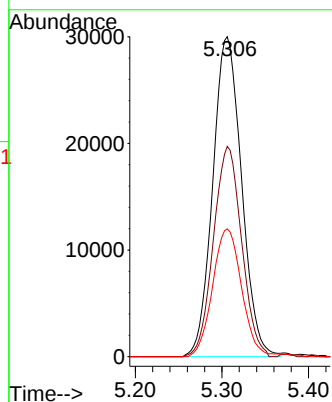
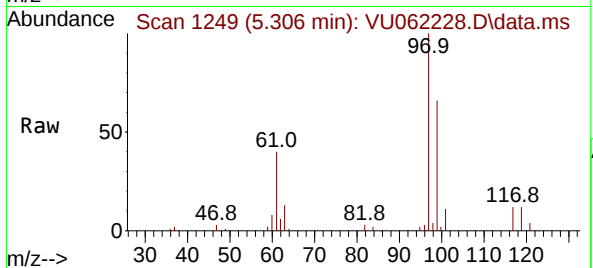
Tgt Ion: 97 Resp: 69329

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 40.6 37.8 56.6



#30

Cyclohexane

Concen: 4.833 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

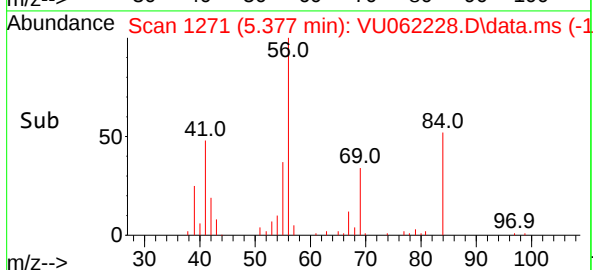
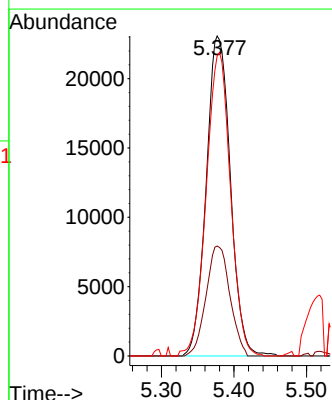
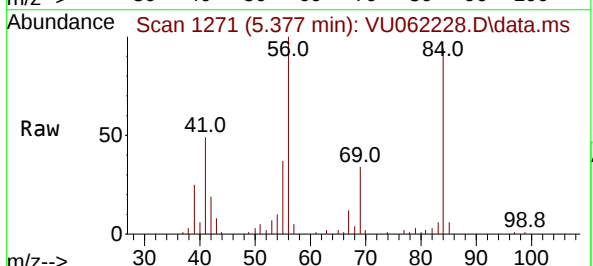
Tgt Ion: 56 Resp: 53457

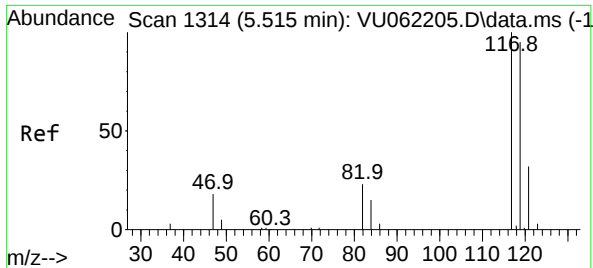
Ion Ratio Lower Upper

56 100

69 33.9 25.1 37.7

84 95.0 70.6 105.8

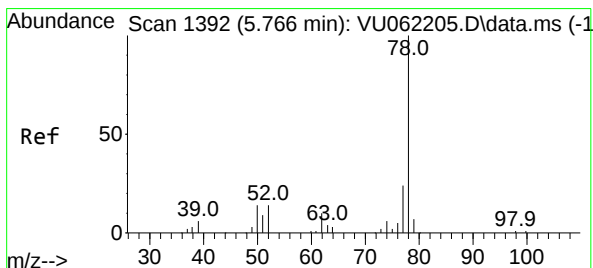
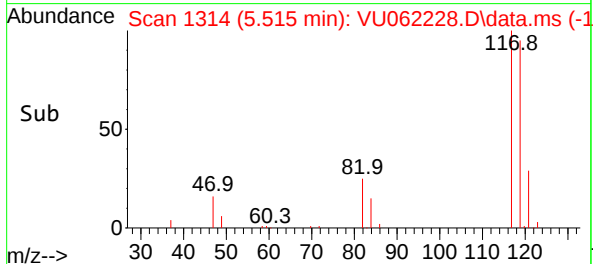
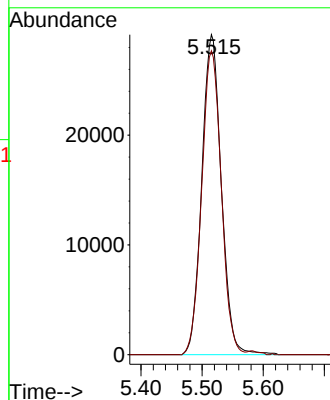
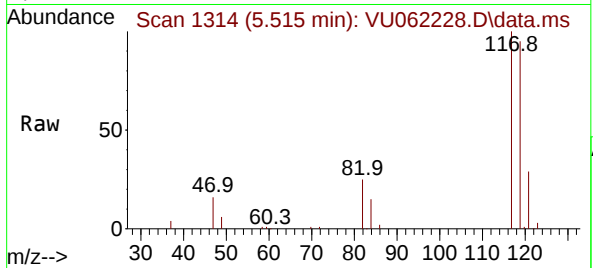




#31
Carbon tetrachloride
Concen: 5.180 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

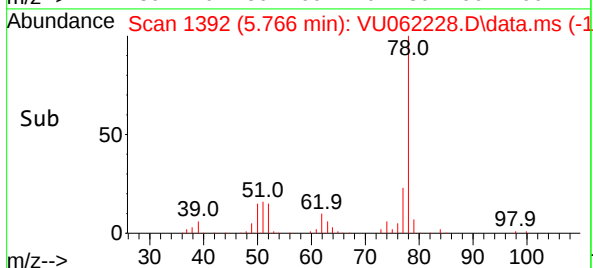
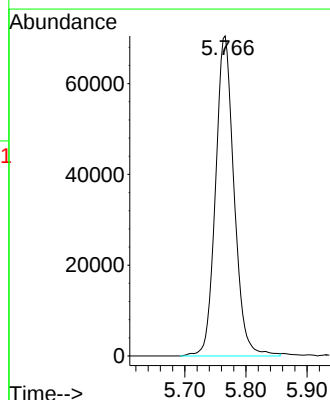
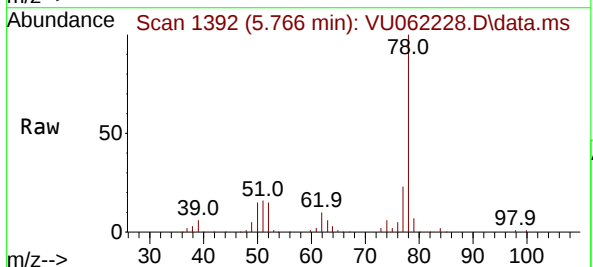
Instrument :
MSVOA_U
ClientSampleId :

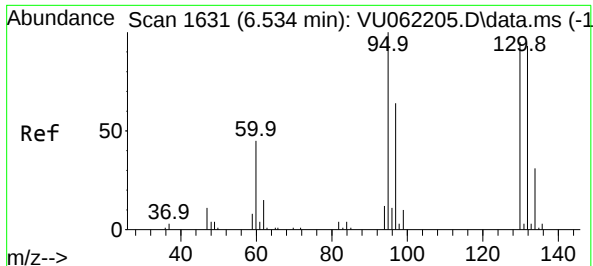
Tgt Ion:117 Resp: 64791
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.946 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion: 78 Resp: 148622





#34

Trichloroethene

Concen: 4.983 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

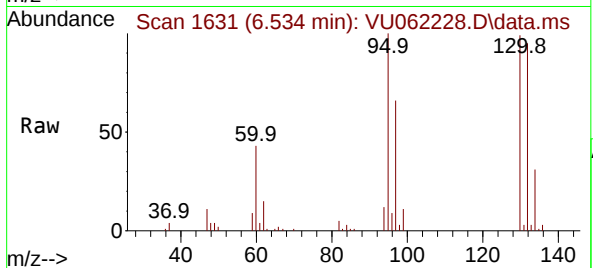
Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 42416

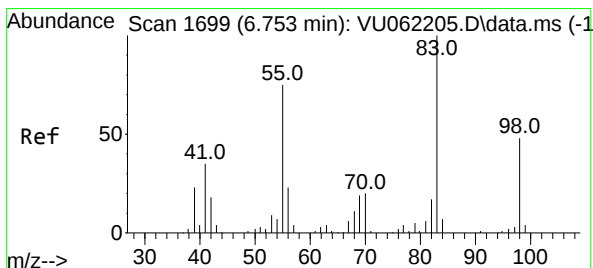
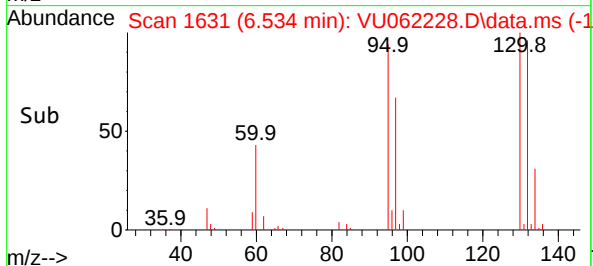
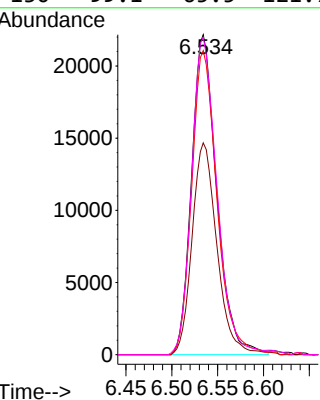
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 95.0 63.8 118.4

130 99.1 65.5 121.7



#35

Methylcyclohexane

Concen: 4.877 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

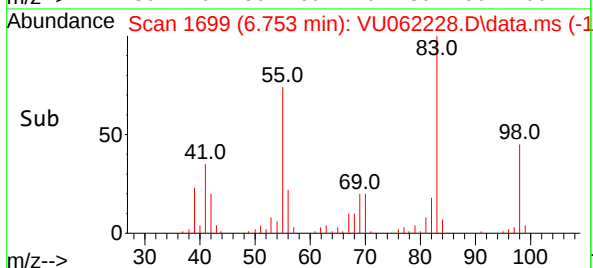
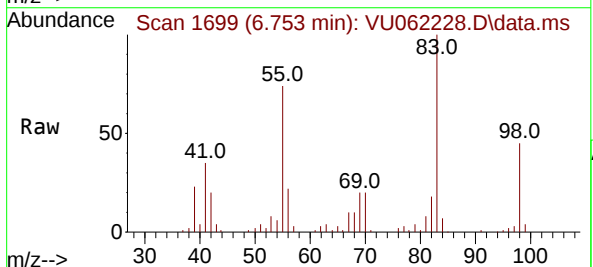
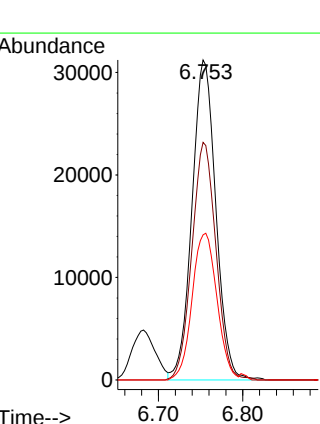
Tgt Ion: 83 Resp: 61558

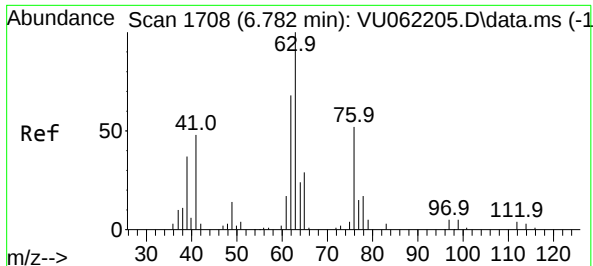
Ion Ratio Lower Upper

83 100

55 74.9 60.7 91.1

98 47.6 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.041 ug/L

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

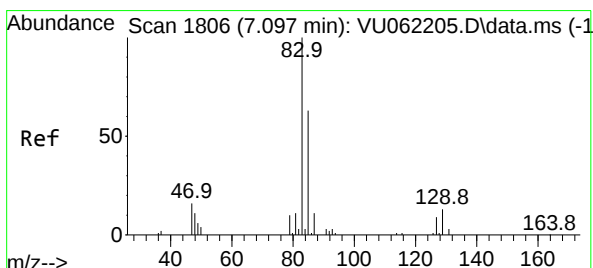
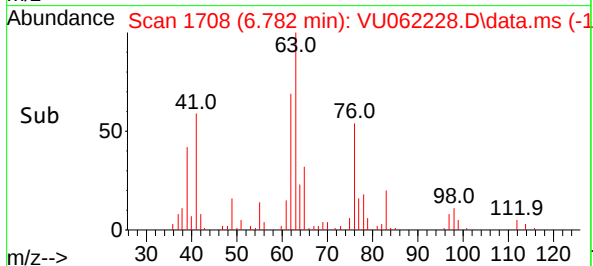
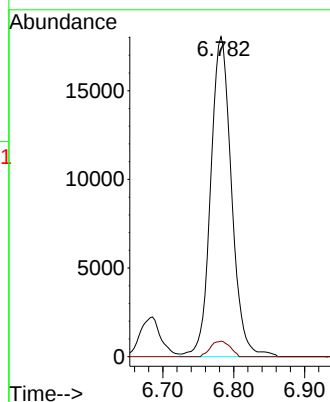
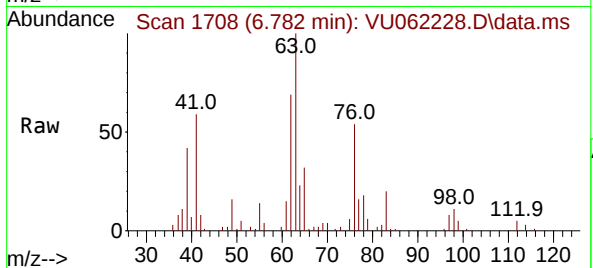
ClientSampleId :

Tgt Ion: 63 Resp: 36892

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 5.069 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

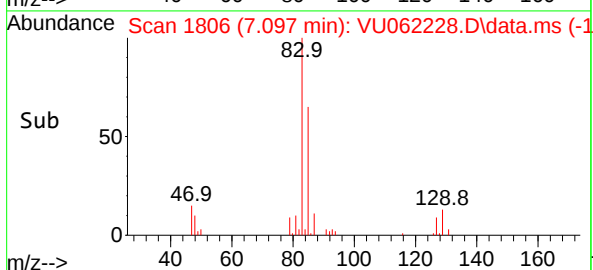
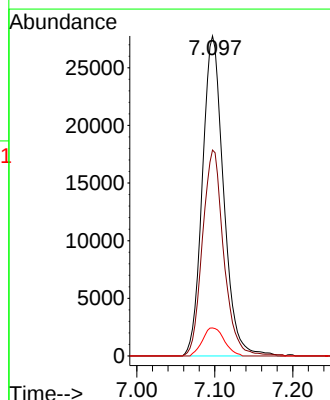
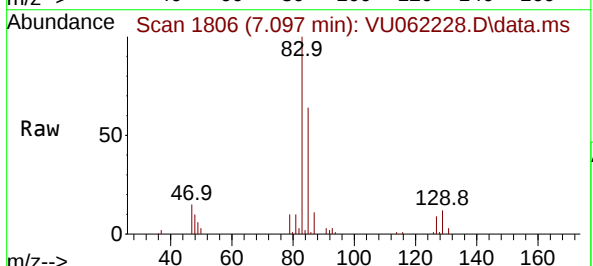
Tgt Ion: 83 Resp: 52342

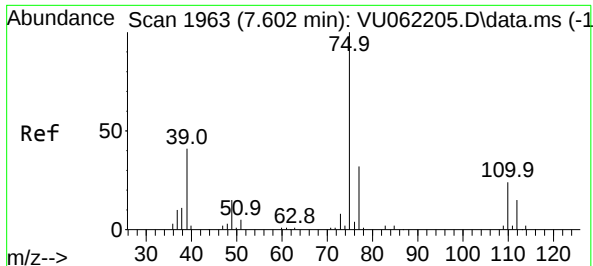
Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.847 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

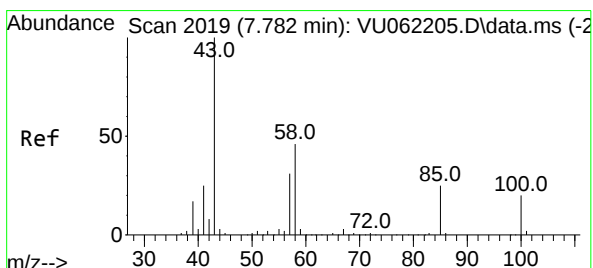
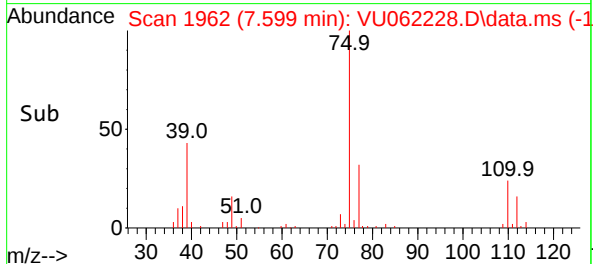
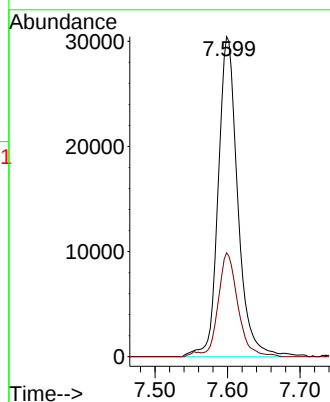
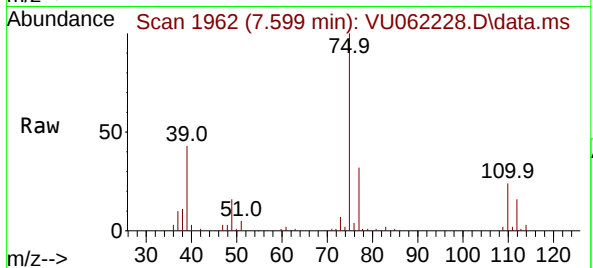
ClientSampleId :

Tgt Ion: 75 Resp: 56858

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 51.040 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

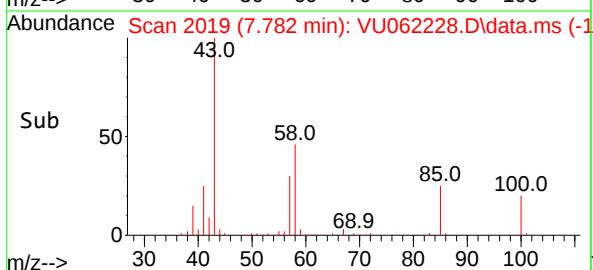
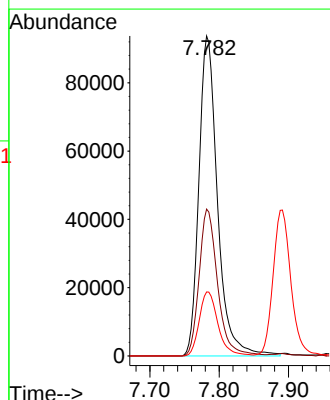
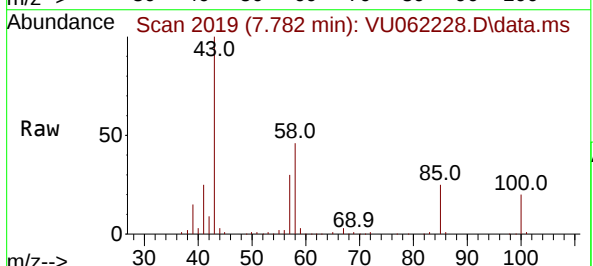
Tgt Ion: 43 Resp: 175063

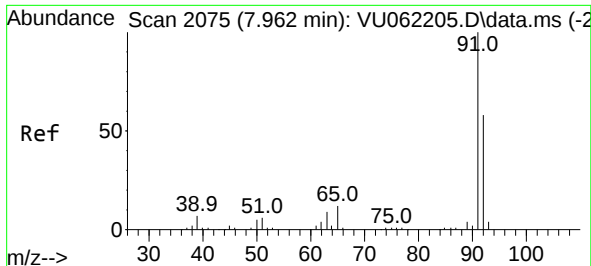
Ion Ratio Lower Upper

43 100

58 45.5 33.3 49.9

100 20.2 12.4 18.6#





#42

Toluene

Concen: 5.085 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

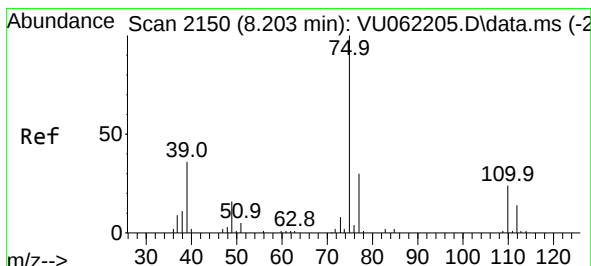
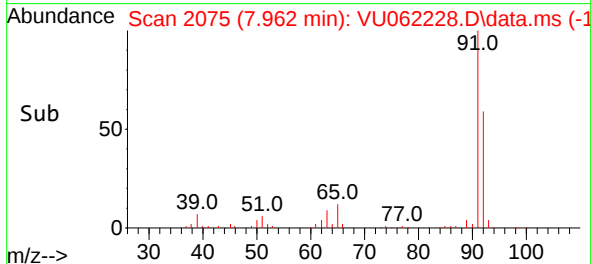
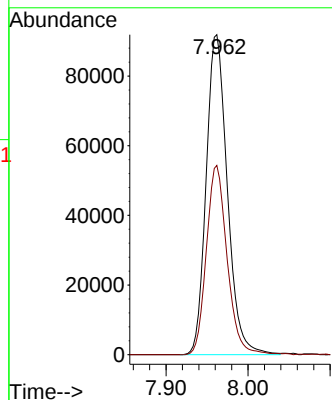
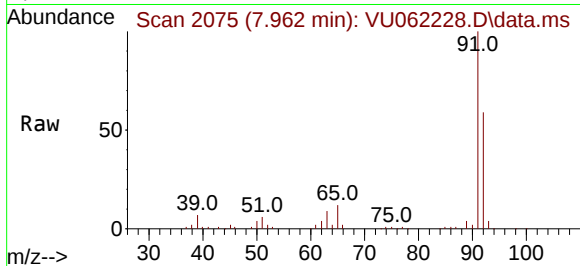
ClientSampleId :

Tgt Ion: 91 Resp: 164788

Ion Ratio Lower Upper

91 100

92 59.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.188 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062228.D

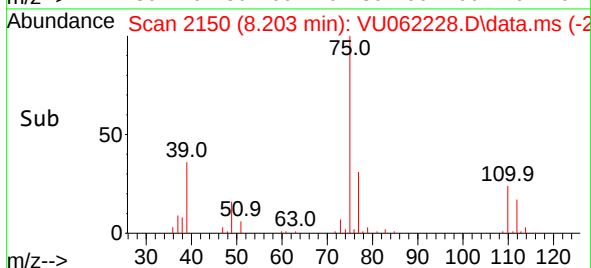
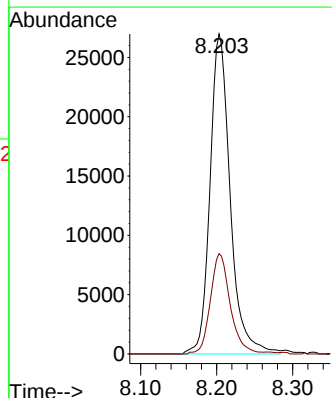
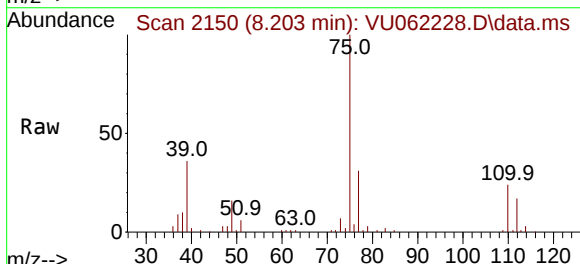
Acq: 11 Dec 2024 09:24

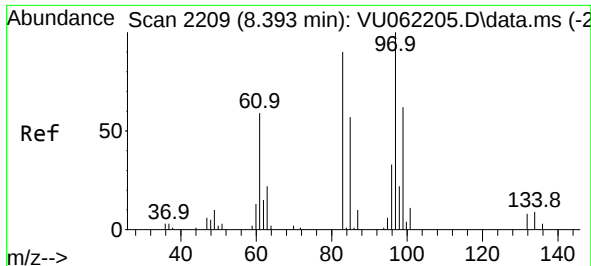
Tgt Ion: 75 Resp: 49693

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4

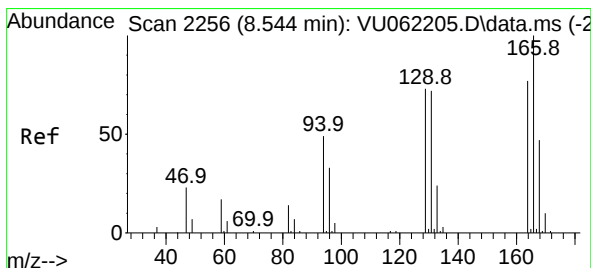
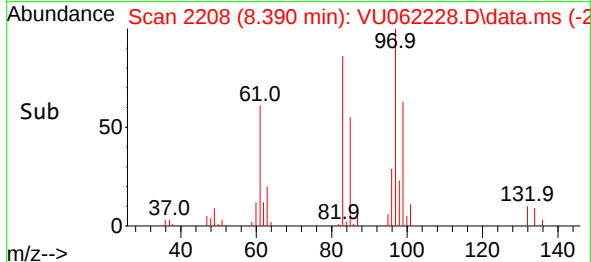
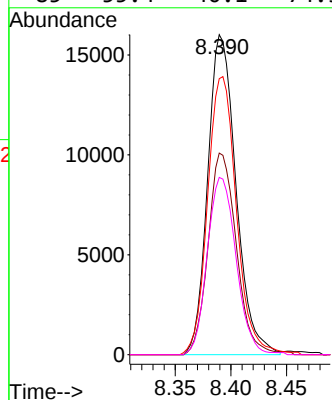
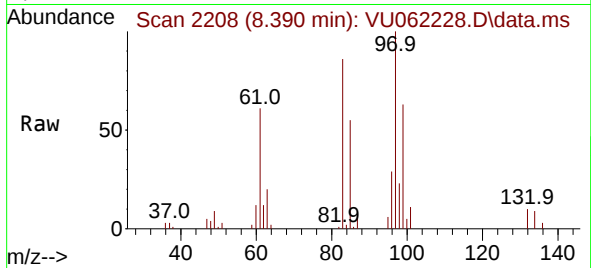




#45
1,1,2-Trichloroethane
Concen: 5.133 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

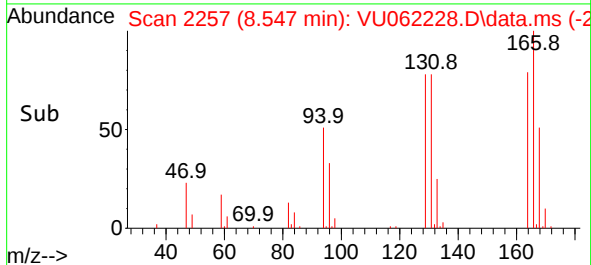
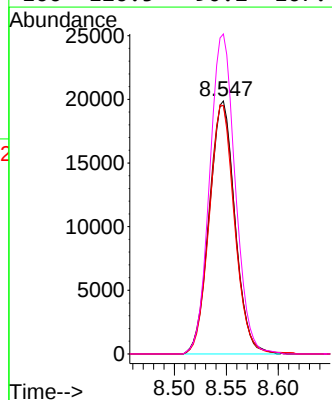
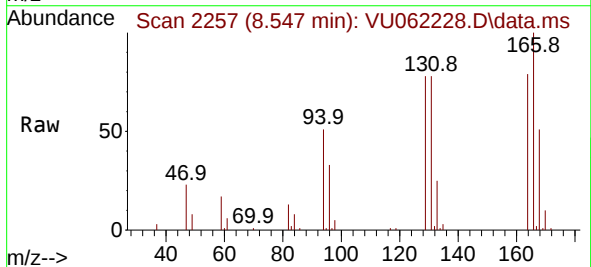
Instrument :
MSVOA_U
ClientSampleId :

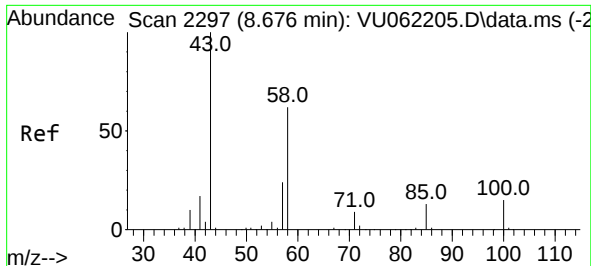
Tgt Ion:	97	Resp:	28358
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.0	79.8
83	86.3	61.7	114.5
85	55.4	40.1	74.5



#47
Tetrachloroethene
Concen: 5.169 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion:	164	Resp:	33977
Ion	Ratio	Lower	Upper
164	100		
129	98.2	73.2	136.0
131	98.1	72.3	134.3
166	126.5	90.2	167.4

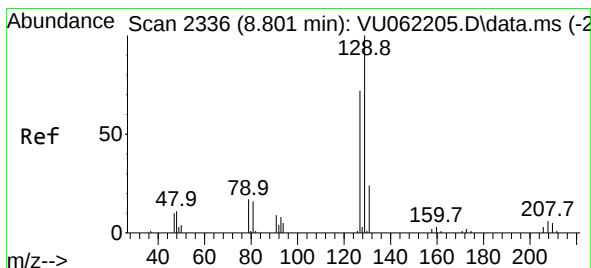
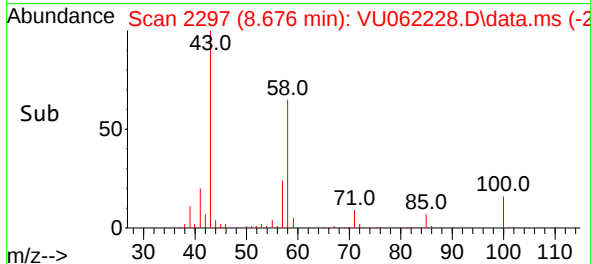
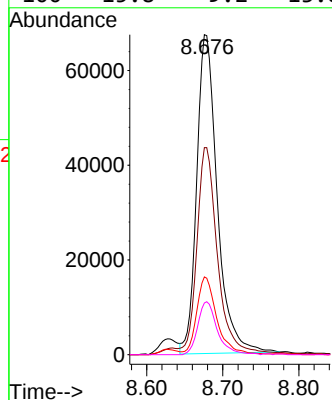
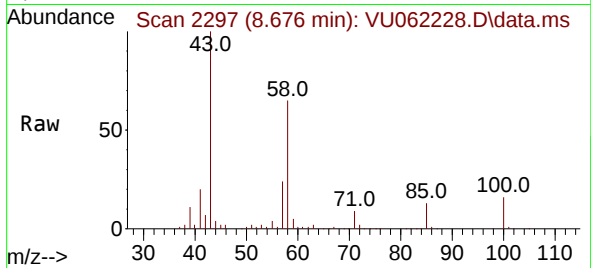




#48
2-Hexanone
Concen: 49.987 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

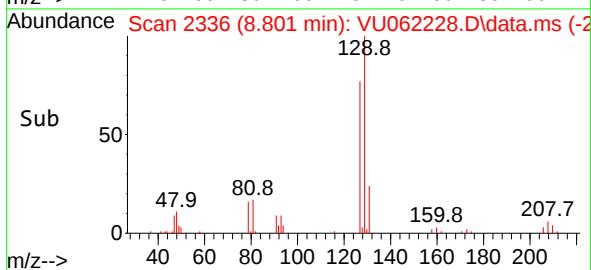
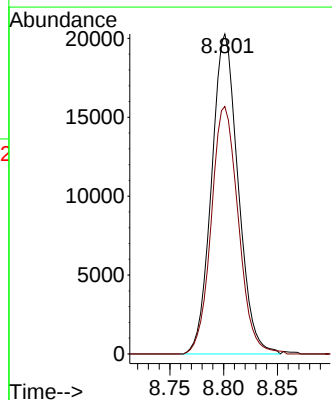
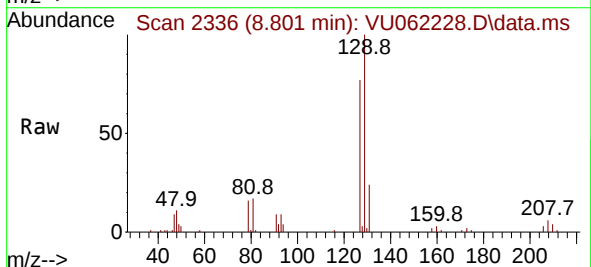
Instrument :
MSVOA_U
ClientSampleId :

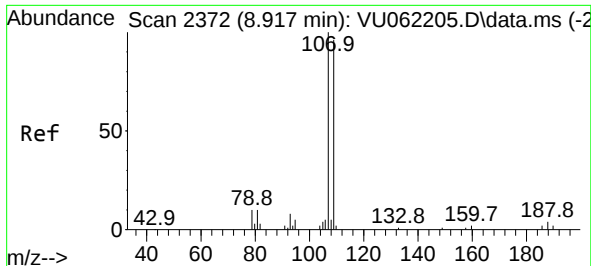
Tgt Ion: 43 Resp: 126707
Ion Ratio Lower Upper
43 100
58 64.7 47.5 71.3
57 23.4 15.6 23.4#
100 15.8 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion: 129 Resp: 34905
Ion Ratio Lower Upper
129 100
127 77.3 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.198 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

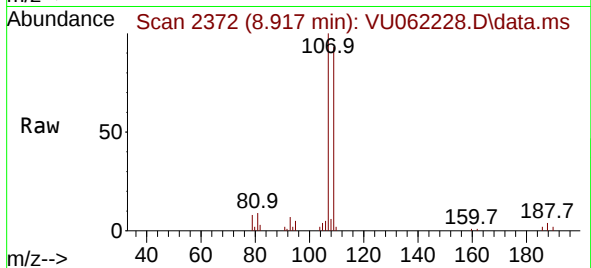
Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :



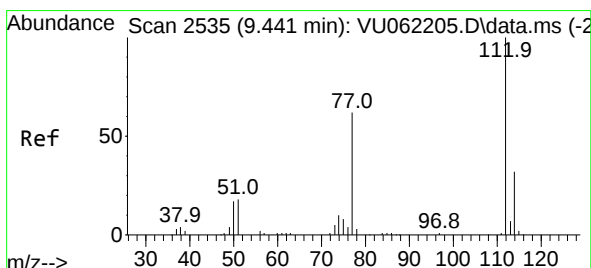
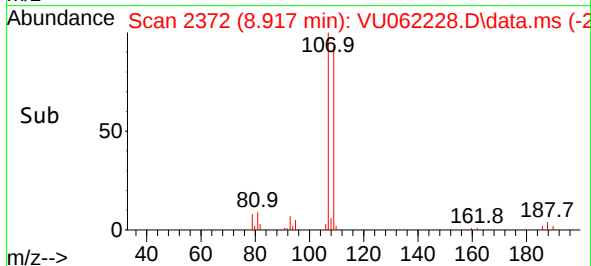
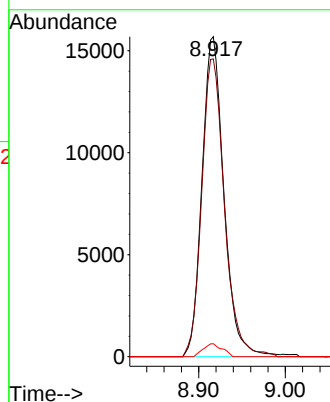
Tgt Ion:107 Resp: 27595

Ion Ratio Lower Upper

107 100

109 93.0 66.8 124.2

188 4.1 2.3 3.5#



#51

Chlorobenzene

Concen: 5.080 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

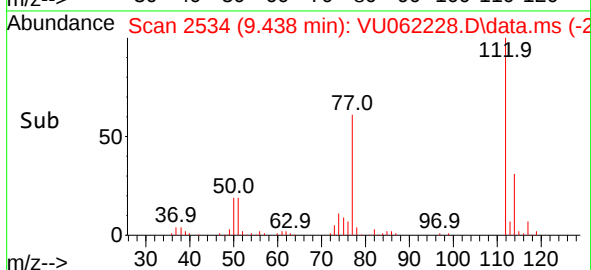
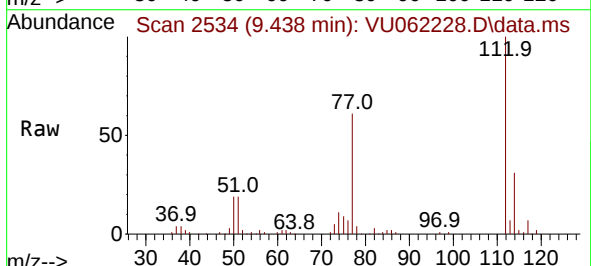
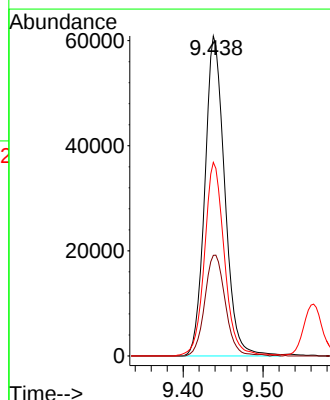
Tgt Ion:112 Resp: 105471

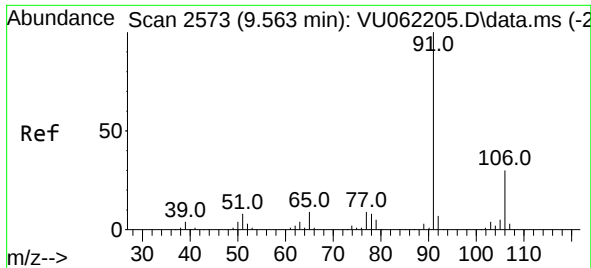
Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.6

77 60.5 50.5 75.7

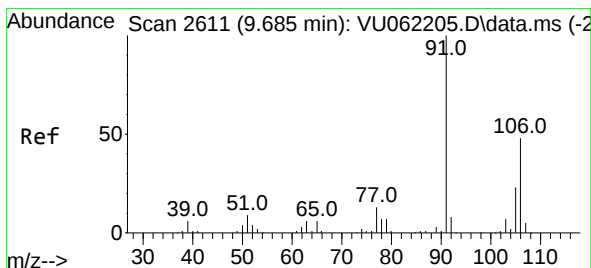
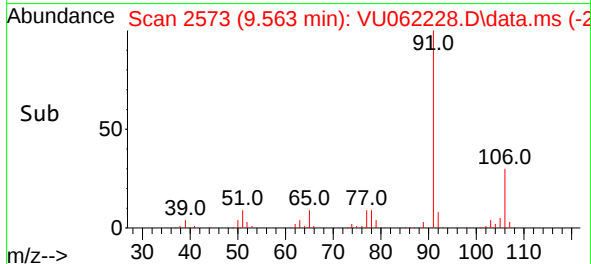
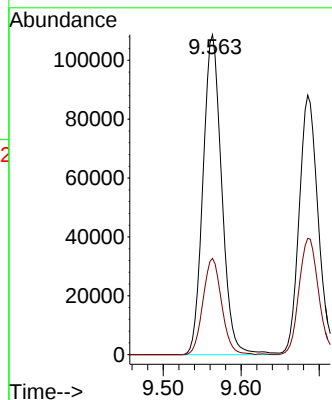
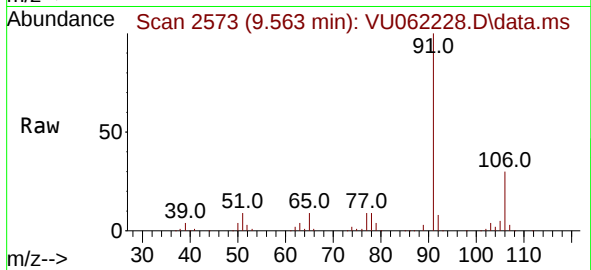




#52
Ethylbenzene
Concen: 4.988 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

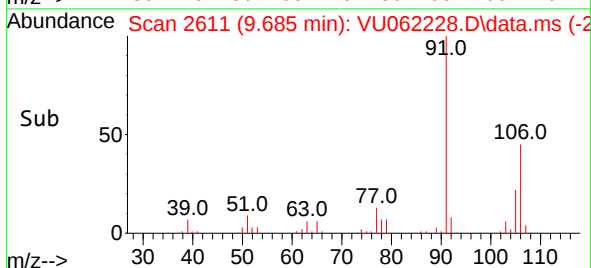
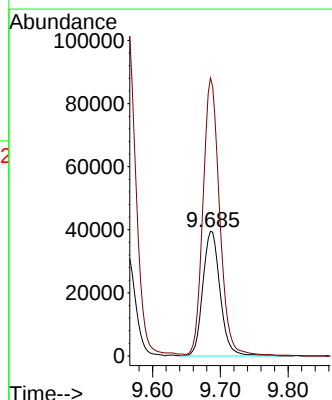
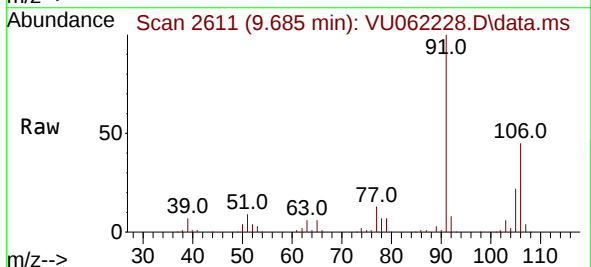
Instrument :
MSVOA_U
ClientSampleId :

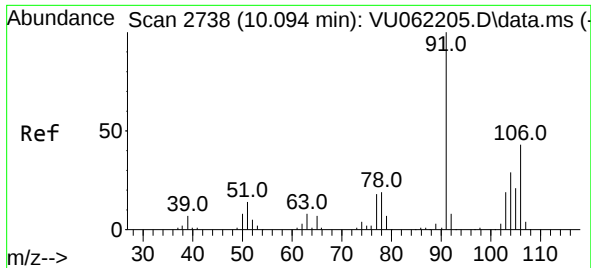
Tgt Ion: 91 Resp: 181236
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.230 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion:106 Resp: 70156
Ion Ratio Lower Upper
106 100
91 223.1 147.6 274.0

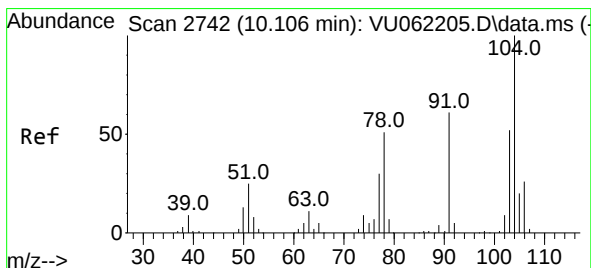
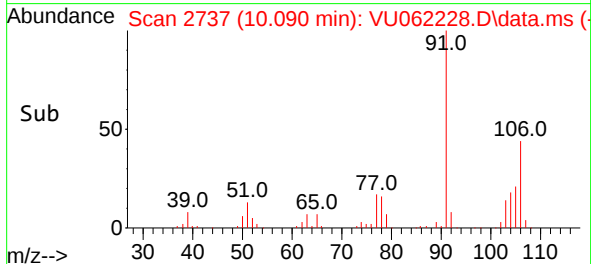
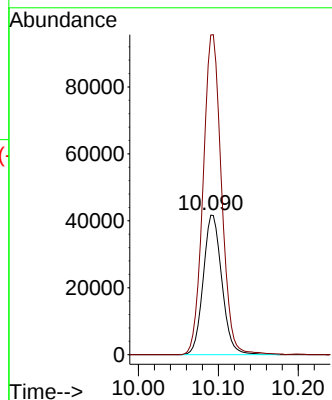
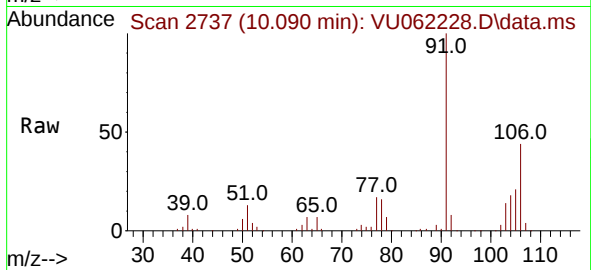




#54
o-Xylene
Concen: 5.189 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

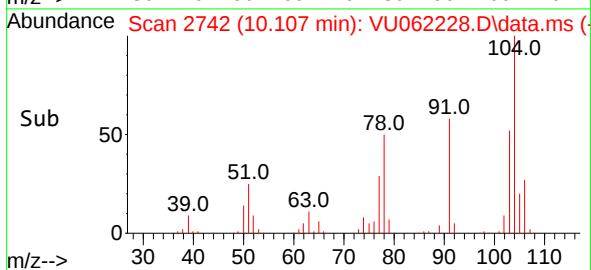
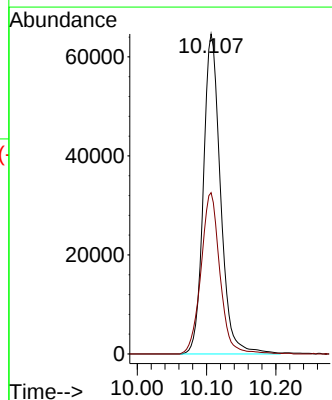
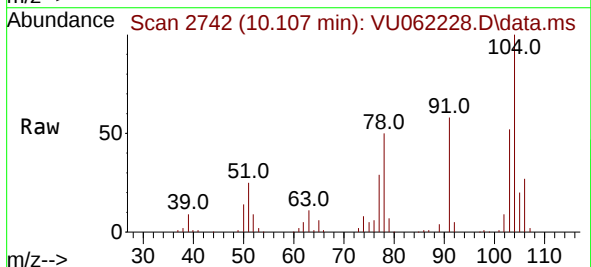
Instrument :
MSVOA_U
ClientSampleId :

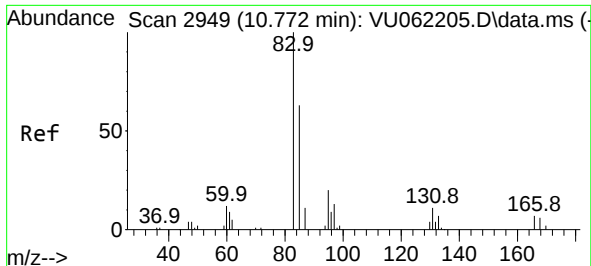
Tgt Ion:106 Resp: 67695
Ion Ratio Lower Upper
106 100
91 229.2 159.8 296.8



#55
Styrene
Concen: 5.177 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion:104 Resp: 111336
Ion Ratio Lower Upper
104 100
78 50.4 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.142 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

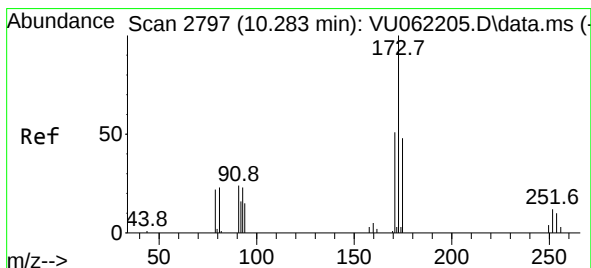
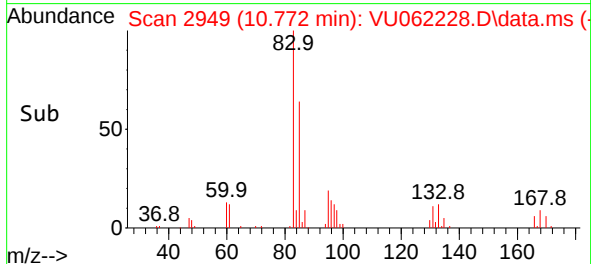
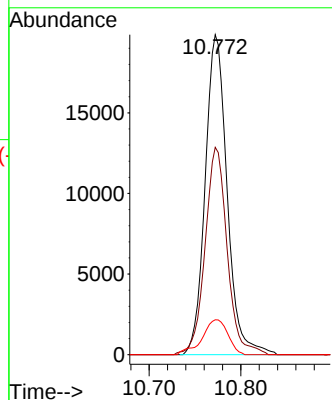
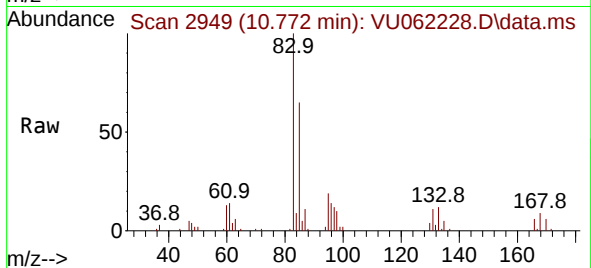
Tgt Ion: 83 Resp: 33059

Ion Ratio Lower Upper

83 100

85 64.8 44.4 82.4

131 10.9 7.3 10.9



#59

Bromoform

Concen: 5.469 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

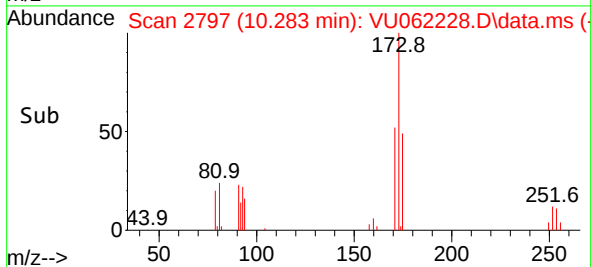
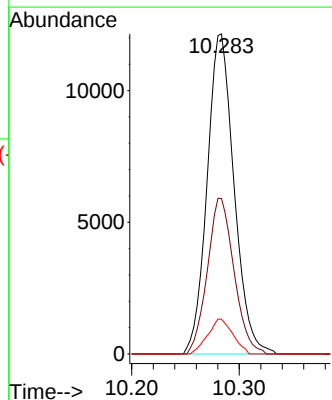
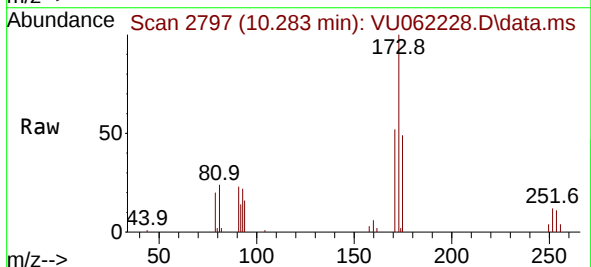
Tgt Ion:173 Resp: 21152

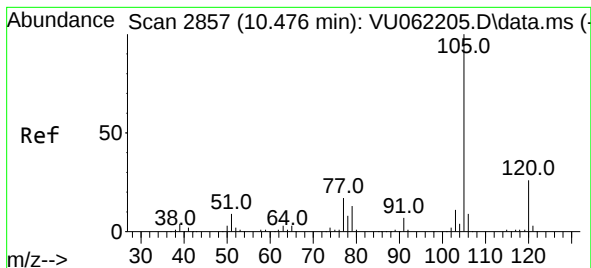
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

254 10.1 7.4 11.0





#60

Isopropylbenzene

Concen: 5.211 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

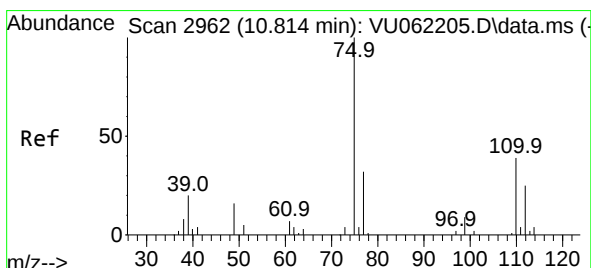
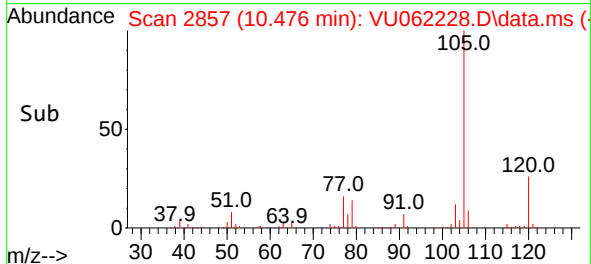
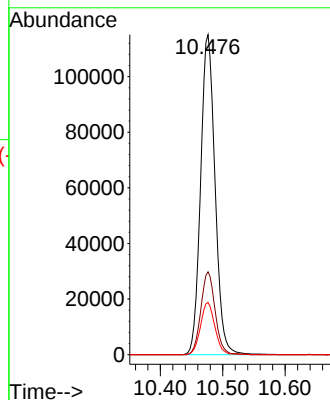
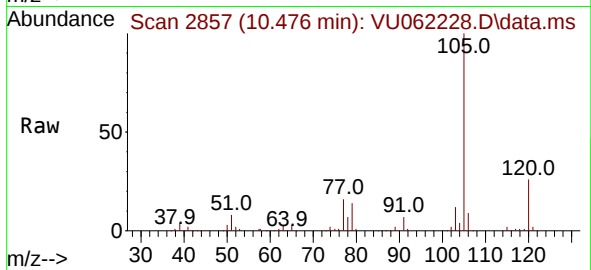
Tgt Ion:105 Resp: 185252

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.379 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

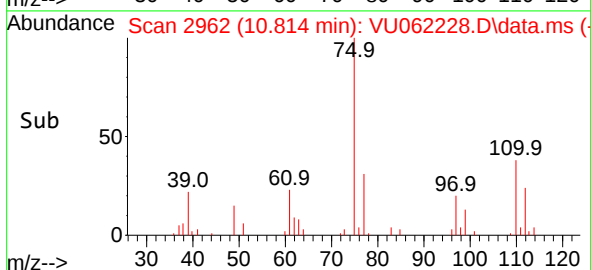
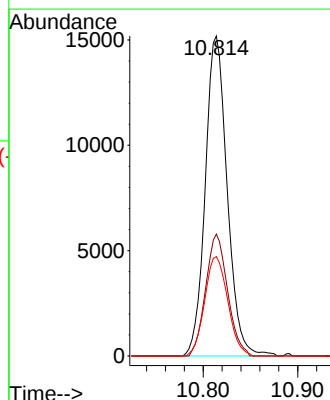
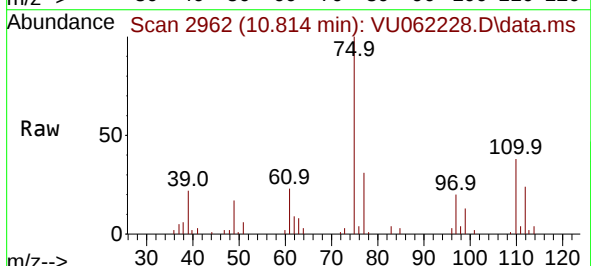
Tgt Ion: 75 Resp: 24479

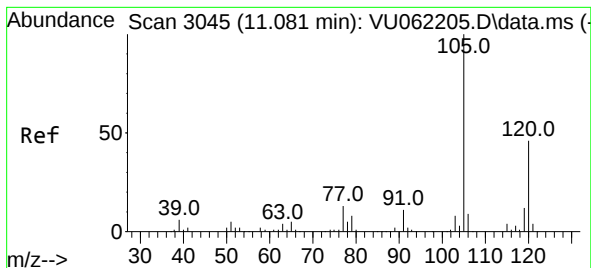
Ion Ratio Lower Upper

75 100

110 38.0 28.9 43.3

77 32.7 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.198 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

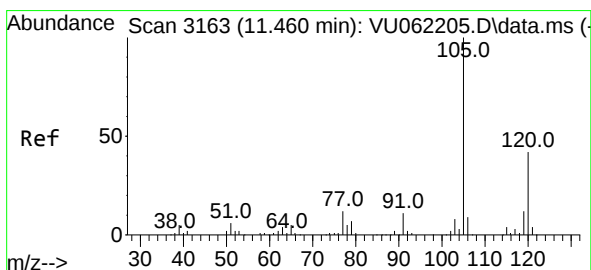
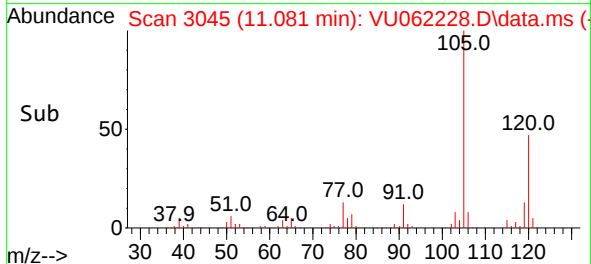
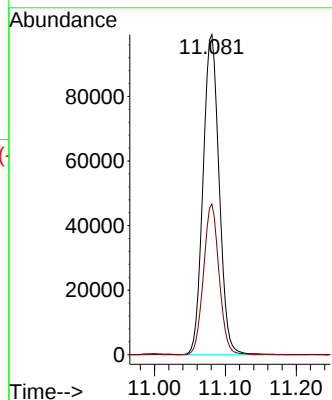
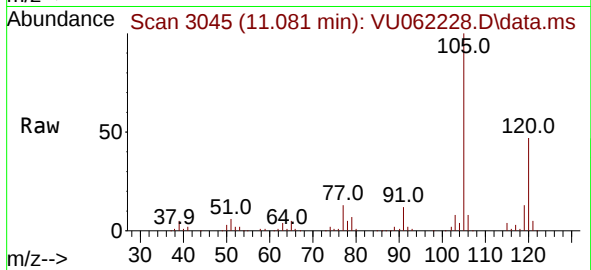
ClientSampleId :

Tgt Ion:105 Resp: 156391

Ion Ratio Lower Upper

105 100

120 45.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.185 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062228.D

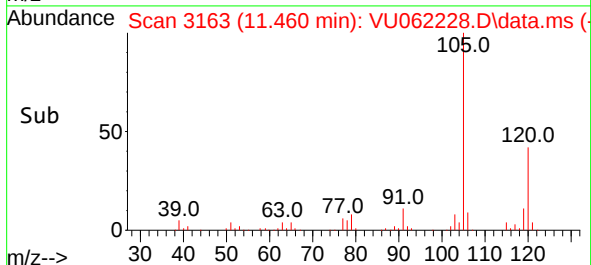
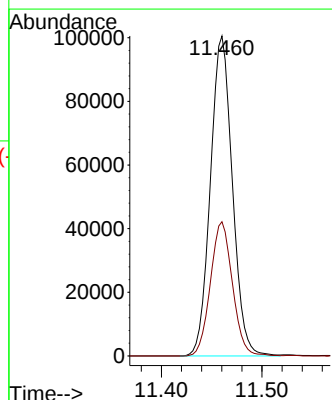
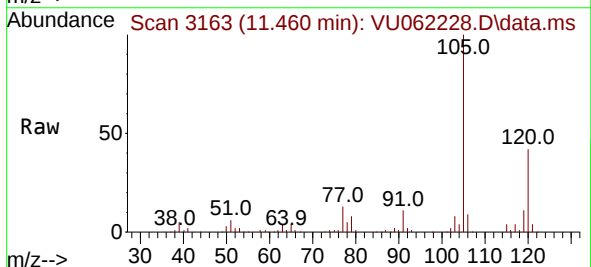
Acq: 11 Dec 2024 09:24

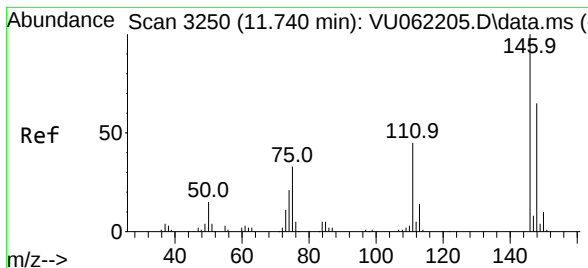
Tgt Ion:105 Resp: 152821

Ion Ratio Lower Upper

105 100

120 42.0 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.190 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

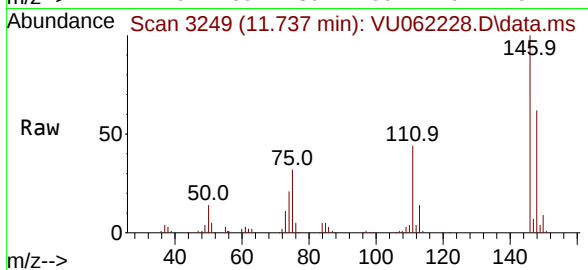
Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :



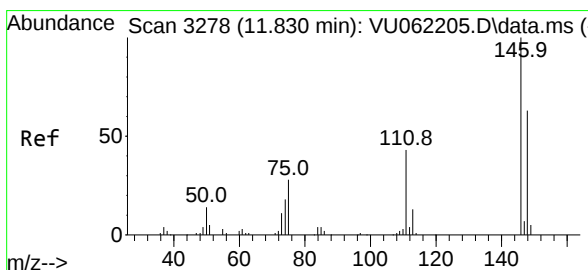
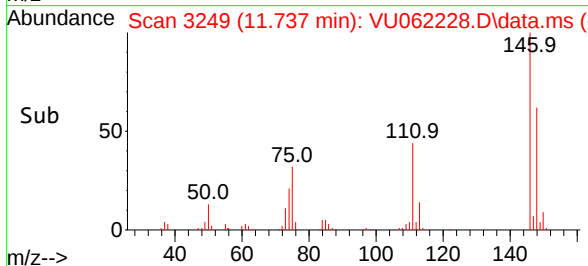
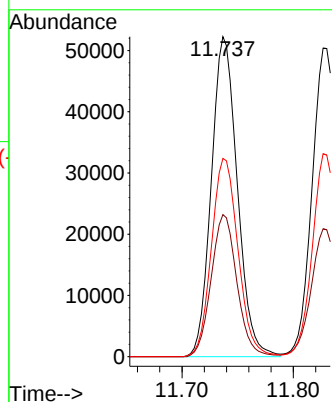
Tgt Ion:146 Resp: 84746

Ion Ratio Lower Upper

146 100

111 44.4 30.7 57.1

148 62.0 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.125 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

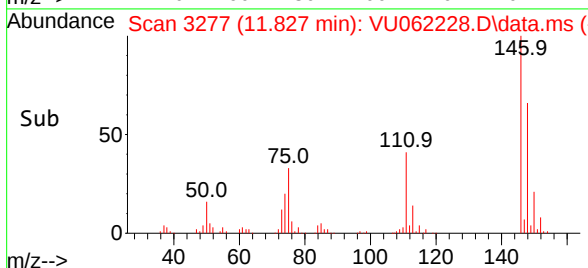
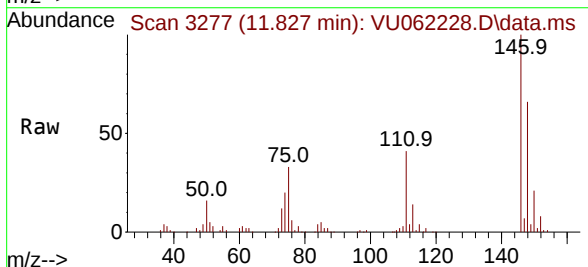
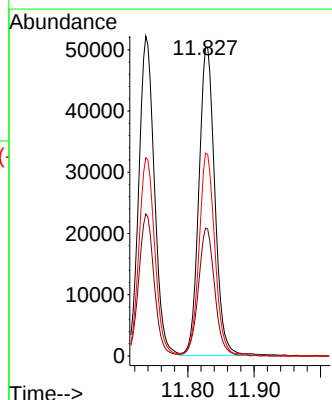
Tgt Ion:146 Resp: 84267

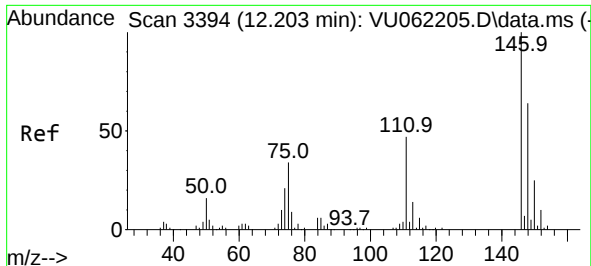
Ion Ratio Lower Upper

146 100

111 41.5 29.3 54.3

148 65.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.284 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

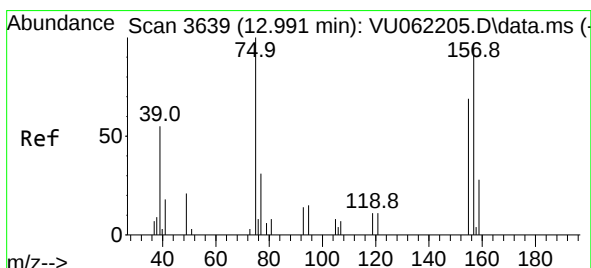
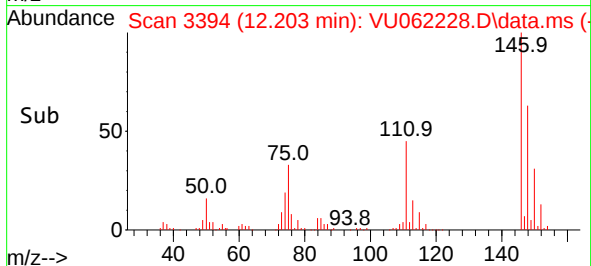
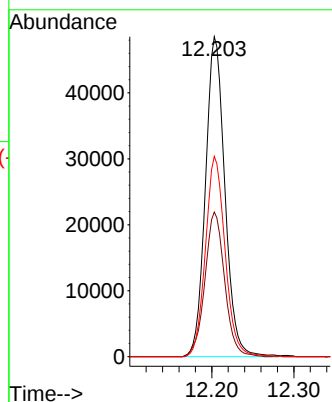
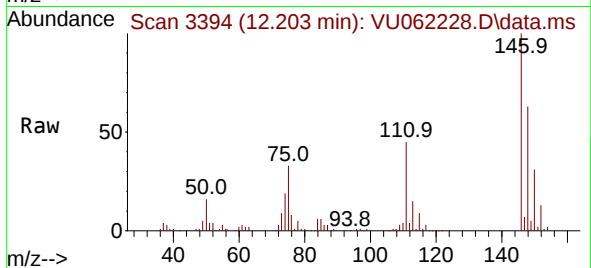
Tgt Ion:146 Resp: 79741

Ion Ratio Lower Upper

146 100

111 45.2 36.0 54.0

148 62.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.449 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU062228.D

Acq: 11 Dec 2024 09:24

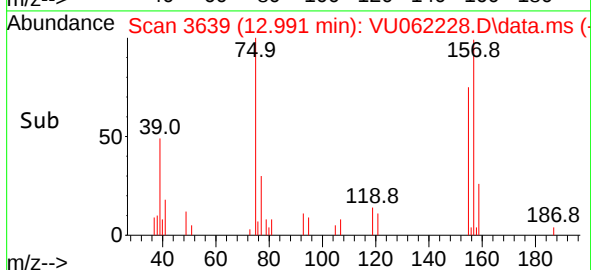
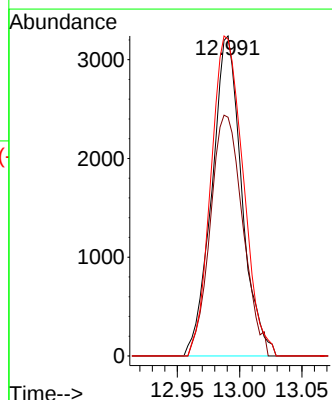
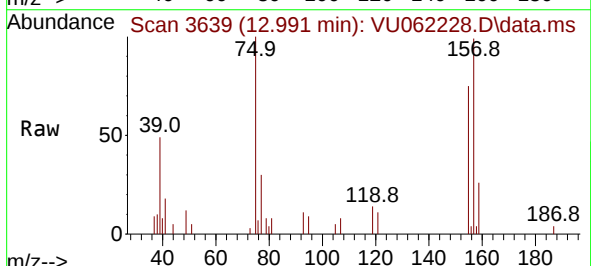
Tgt Ion: 75 Resp: 5409

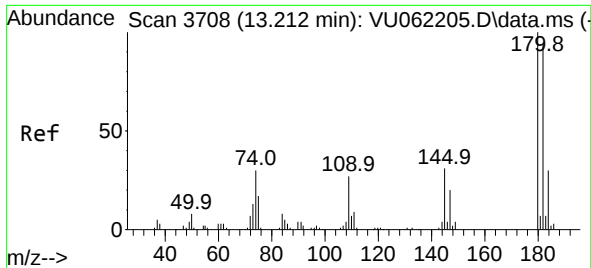
Ion Ratio Lower Upper

75 100

155 74.6 55.2 82.8

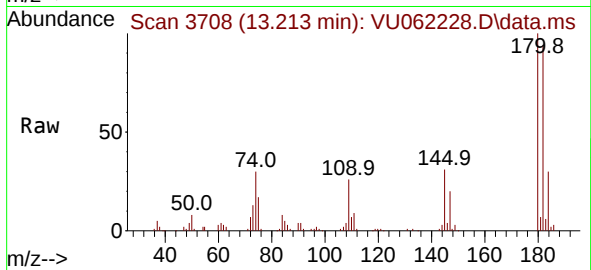
157 99.0 73.5 110.3



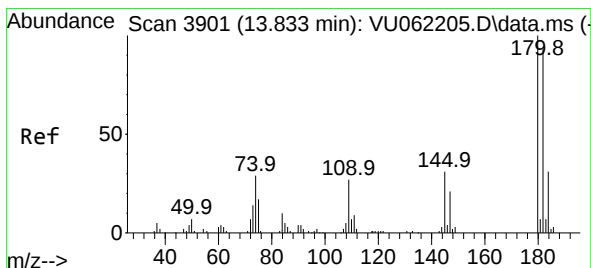
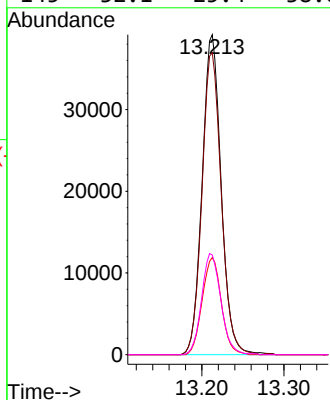
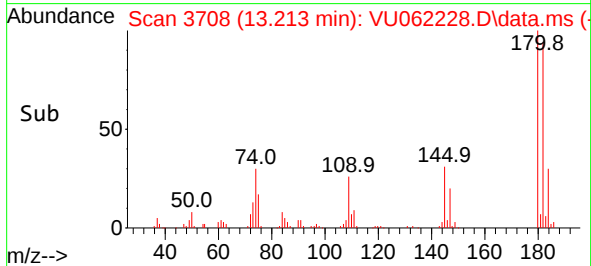


#69
1,3,5-Trichlorobenzene
Concen: 5.195 ug/L
RT: 13.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

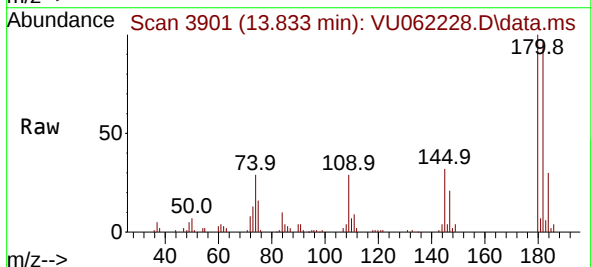
Instrument :
MSVOA_U
ClientSampleId :



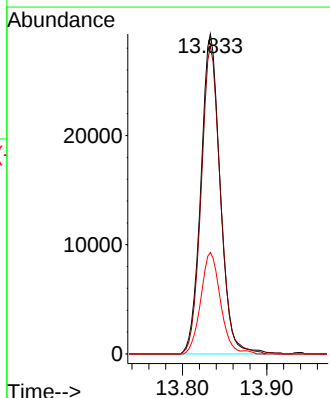
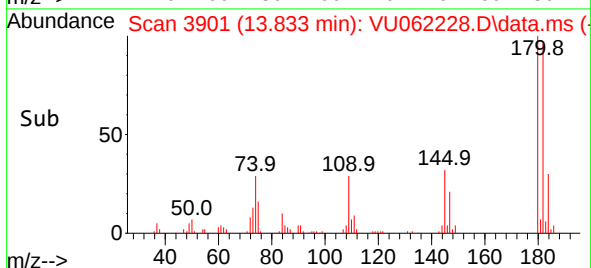
Tgt Ion:180 Resp: 63063
Ion Ratio Lower Upper
180 100
182 95.6 76.7 115.1
184 30.5 24.8 37.2
145 32.1 25.4 38.0

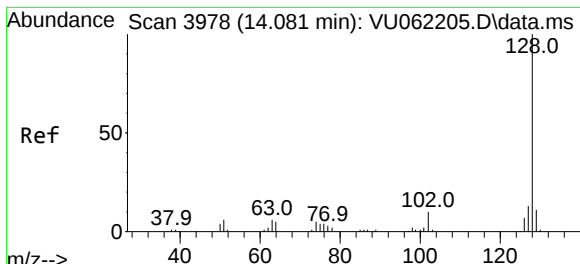


#70
1,2,4-trichlorobenzene
Concen: 4.876 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24



Tgt Ion:180 Resp: 46735
Ion Ratio Lower Upper
180 100
182 95.9 74.5 111.7
145 32.5 25.6 38.4

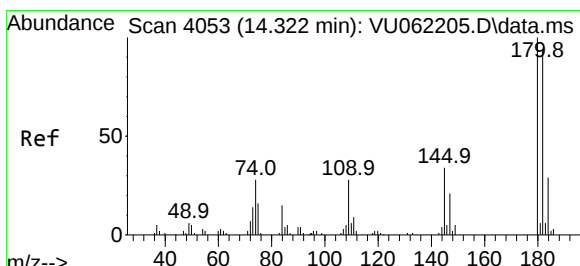
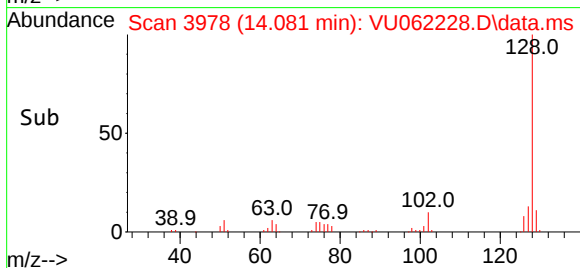
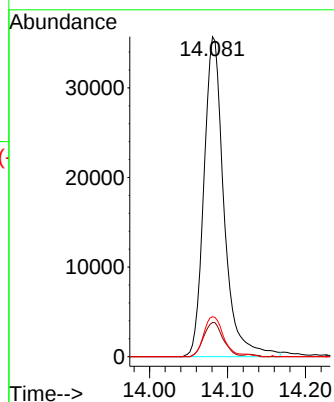
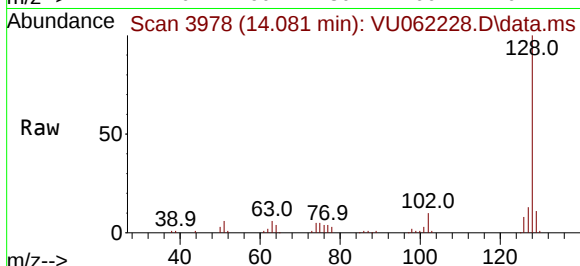




#71
Naphthalene
Concen: 4.442 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	63926
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.5	12.7
127	12.6	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.796 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062228.D
Acq: 11 Dec 2024 09:24

Tgt Ion:	180	Resp:	40533
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.1	114.1
145	33.4	27.4	41.0

