

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062252.D
 Acq On : 11 Dec 2024 19:49
 Operator : MD/SY
 Sample : P5251-13MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J41MSD

Quant Time: Dec 12 01:41:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24164	3.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.910	69	20405	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	12008	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.631	46	65180	50.659	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.055	84	65421	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	33899	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.717	84	113130	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	34001	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	106724	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	15562	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	50244	49.469	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29582	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	40498	4.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42395	4.547	ug/L	99
3) Chloromethane	1.518	50	35043	4.795	ug/L	98
5) Vinyl chloride	1.602	62	36289	4.769	ug/L	98
6) Bromomethane	1.856	94	24802	4.890	ug/L	100
8) Chloroethane	1.930	64	20691	4.855	ug/L	96
9) Trichlorofluoromethane	2.132	101	62691	4.747	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32692	4.548	ug/L	92
12) 1,1-Dichloroethene	2.573	96	34774	5.174	ug/L	92
13) Acetone	2.650	43	48360	55.203	ug/L	96
14) Carbon disulfide	2.788	76	92835	4.368	ug/L	99
15) Methyl Acetate	2.955	43	10167	4.631	ug/L #	85
16) Methylene chloride	3.039	84	35933	5.094	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	85596	5.113	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	32657	4.730	ug/L	93
19) 1,1-Dichloroethane	3.859	63	61902	4.891	ug/L	98
21) 2-Butanone	4.708	43	69703	54.788	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	38666	4.996	ug/L	94
23) Bromochloromethane	4.968	128	17825	5.254	ug/L #	84
25) Chloroform	5.081	83	71568	5.020	ug/L	100

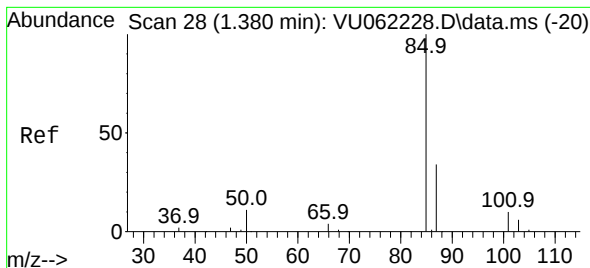
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46975	5.185	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	64584	4.946	ug/L	94
30) Cyclohexane	5.377	56	45236	4.273	ug/L	93
31) Carbon tetrachloride	5.515	117	56475	4.717	ug/L	100
33) Benzene	5.766	78	138711	4.823	ug/L	100
34) Trichloroethene	6.534	95	55383	6.798	ug/L	97
35) Methylcyclohexane	6.753	83	52002	4.305	ug/L	95
37) 1,2-Dichloropropane	6.782	63	35861	5.120	ug/L	100
38) Bromodichloromethane	7.097	83	51364	5.198	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	54398	4.845	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	175830	53.563	ug/L #	93
42) Toluene	7.962	91	151236	4.876	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	47196	5.148	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	28344	5.360	ug/L	97
47) Tetrachloroethene	8.544	164	30210	4.802	ug/L	92
48) 2-Hexanone	8.675	43	128694	53.048	ug/L #	94
49) Dibromochloromethane	8.801	129	34501	5.400	ug/L	96
50) 1,2-Dibromoethane	8.913	107	27627	5.437	ug/L #	95
51) Chlorobenzene	9.438	112	96429	4.852	ug/L	99
52) Ethylbenzene	9.563	91	163226	4.694	ug/L	100
53) m,p-Xylene	9.685	106	61259	4.772	ug/L	98
54) o-Xylene	10.090	106	60415	4.839	ug/L	99
55) Styrene	10.106	104	103092	5.009	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	32640	5.304	ug/L #	94
59) Bromoform	10.280	173	21051	5.594	ug/L #	99
60) Isopropylbenzene	10.476	105	161369	4.665	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23633	5.337	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	137861	4.709	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	136321	4.753	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	77187	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	77228	4.826	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	72816	4.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5704	5.906	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.209	180	56029	4.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44999	4.825	ug/L	99
71) Naphthalene	14.080	128	67417	4.814	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39910	4.853	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.547 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU062252.D

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Instrument :

MSVOA_U

ClientSampleId :

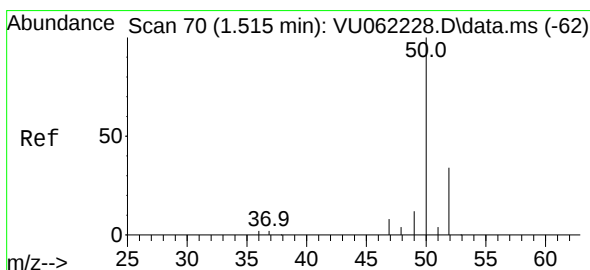
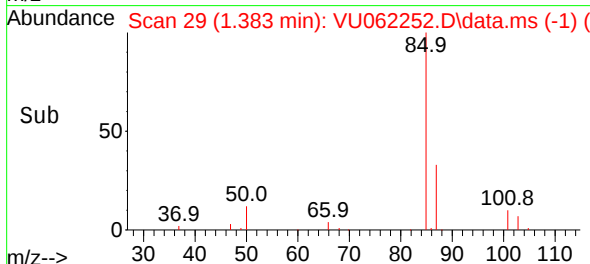
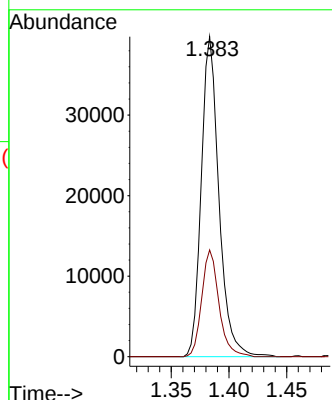
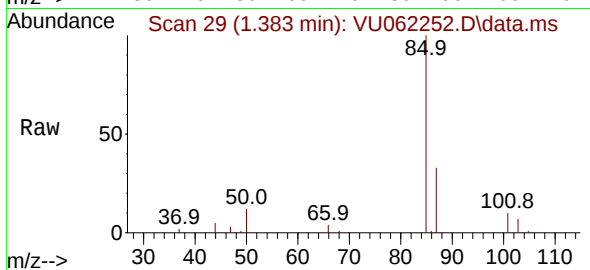
F7J41MSD

Tgt Ion: 85 Resp: 42395

Ion Ratio Lower Upper

85 100

87 32.5 26.6 40.0



#3

Chloromethane

Concen: 4.795 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU062252.D

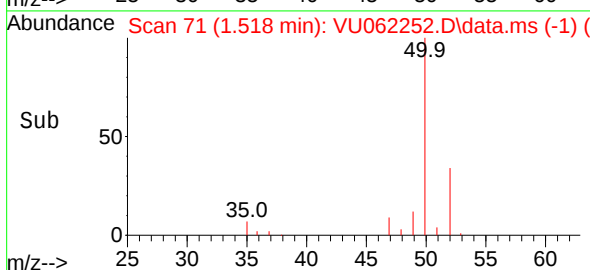
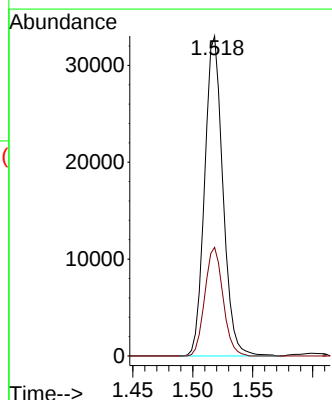
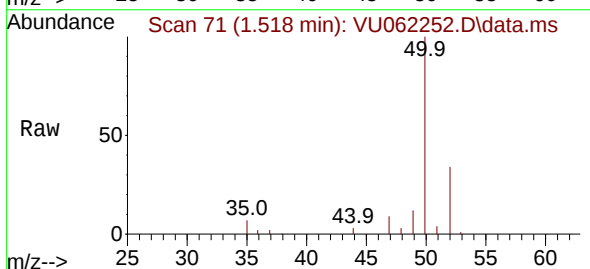
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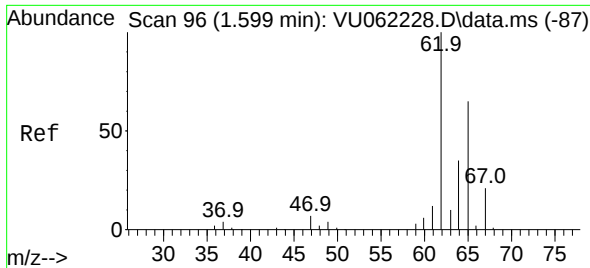
Tgt Ion: 50 Resp: 35043

Ion Ratio Lower Upper

50 100

52 33.9 23.1 42.9

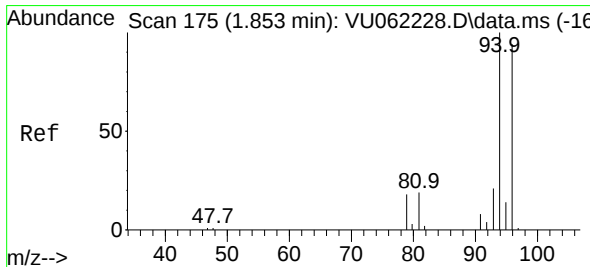
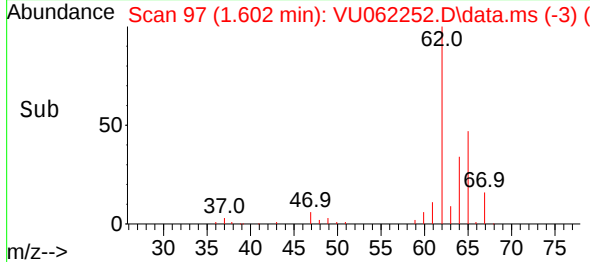
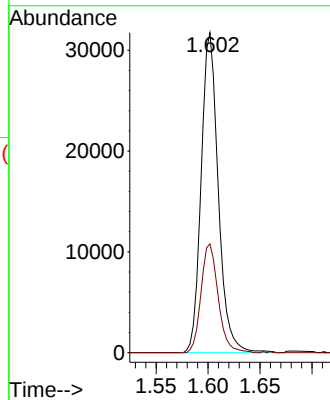
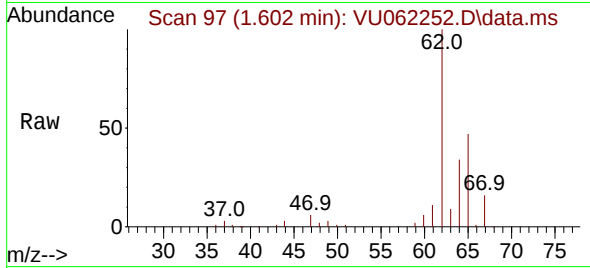




#5
Vinyl chloride
Concen: 4.769 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

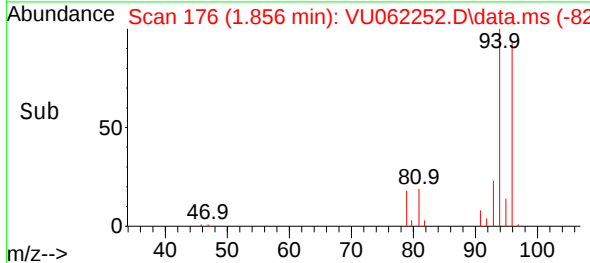
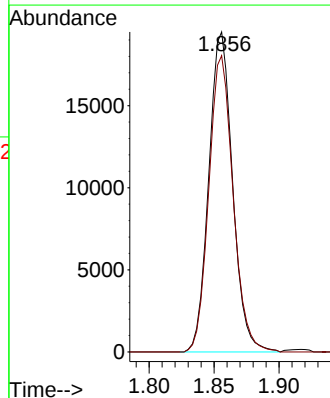
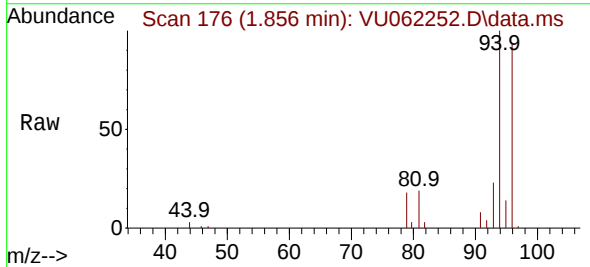
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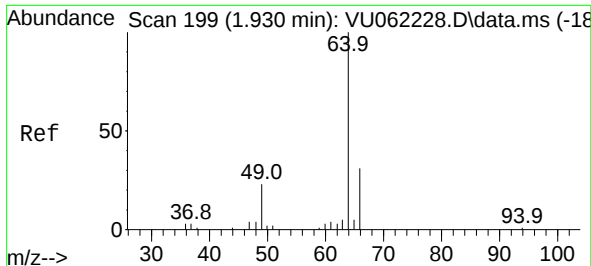
Tgt Ion: 62 Resp: 36289
Ion Ratio Lower Upper
62 100
64 34.0 23.1 42.9



#6
Bromomethane
Concen: 4.890 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 94 Resp: 24802
Ion Ratio Lower Upper
94 100
96 92.6 64.5 119.9

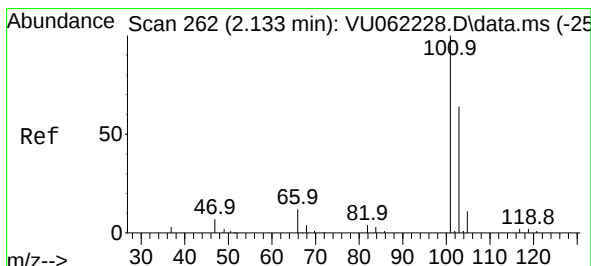
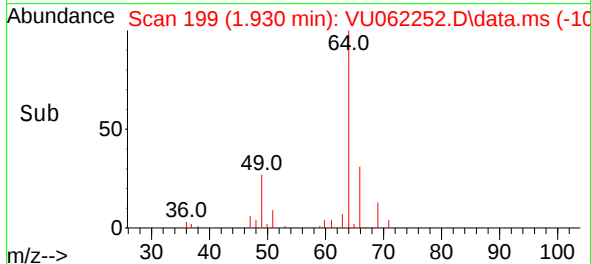
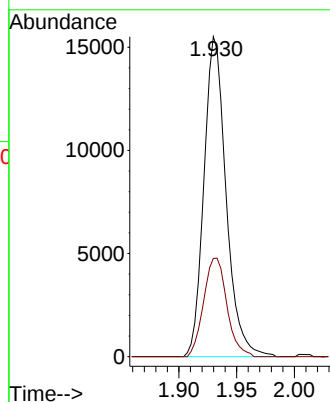
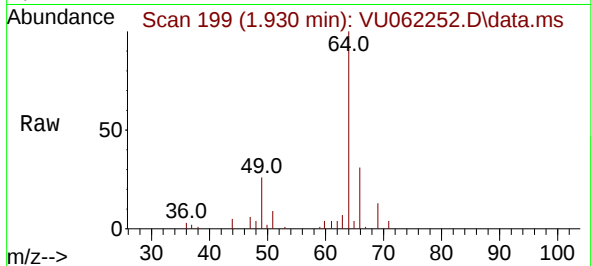




#8
Chloroethane
Concen: 4.855 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

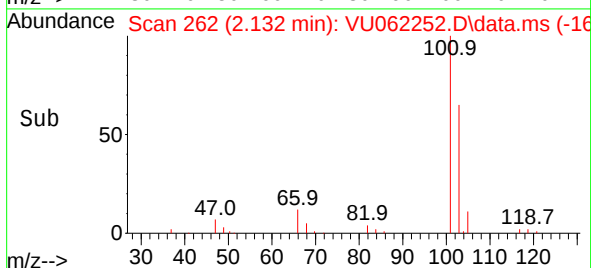
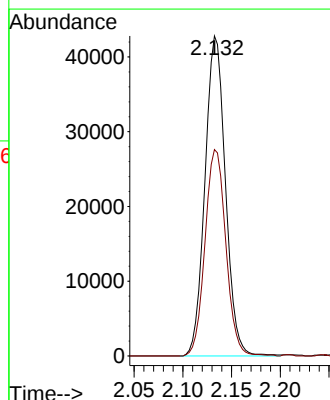
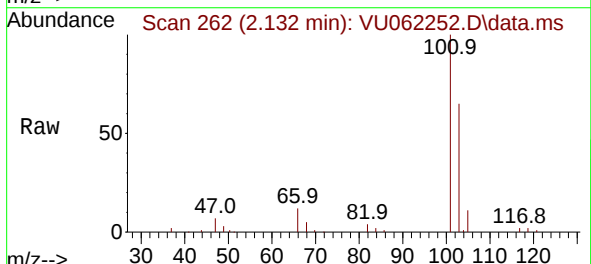
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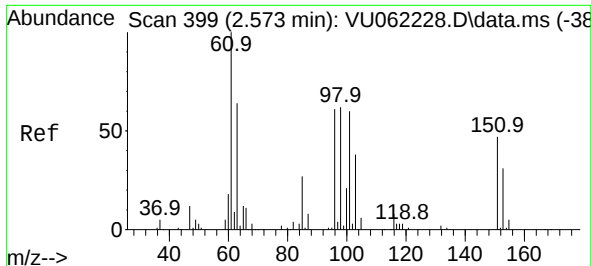
Tgt Ion: 64 Resp: 20691
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.747 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:101 Resp: 62691
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

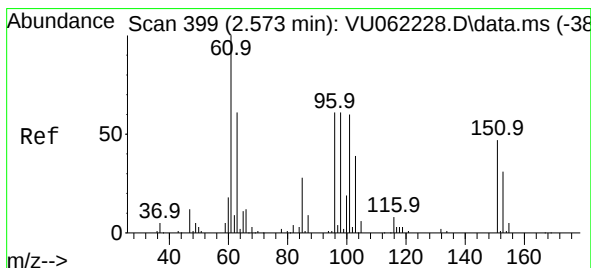
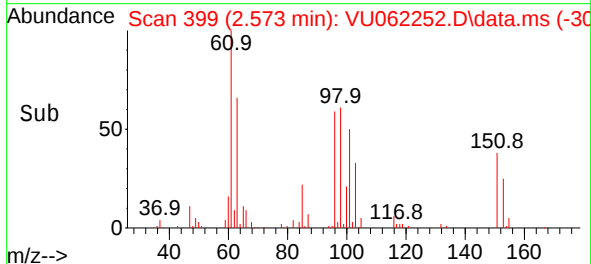
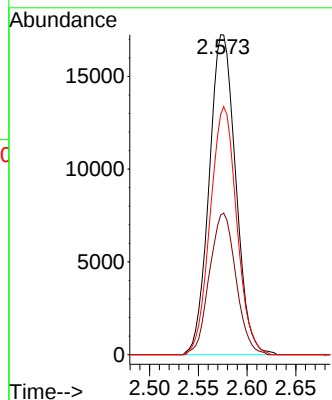
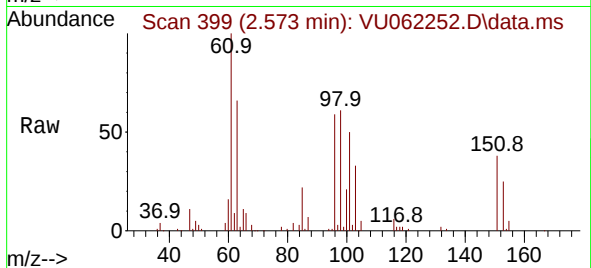




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.548 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062252.D
 Acq: 11 Dec 2024 19:49

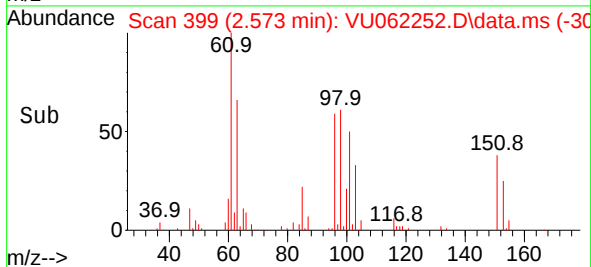
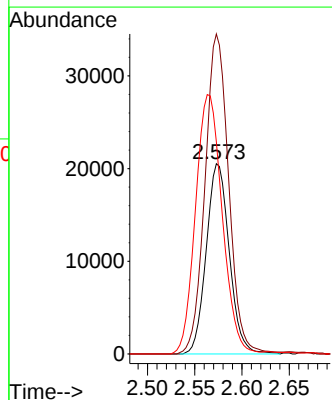
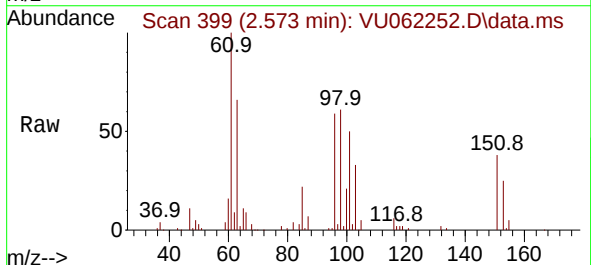
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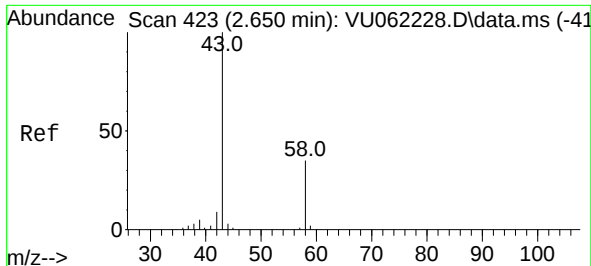
Tgt Ion:101 Resp: 32692
 Ion Ratio Lower Upper
 101 100
 85 44.1 38.0 57.0
 151 77.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.174 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062252.D
 Acq: 11 Dec 2024 19:49

Tgt Ion: 96 Resp: 34774
 Ion Ratio Lower Upper
 96 100
 61 168.3 119.6 222.2
 63 111.6 65.0 120.6





#13

Acetone

Concen: 55.203 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

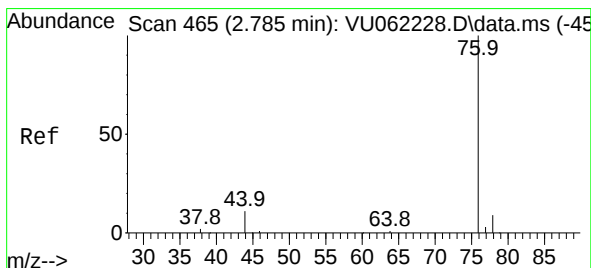
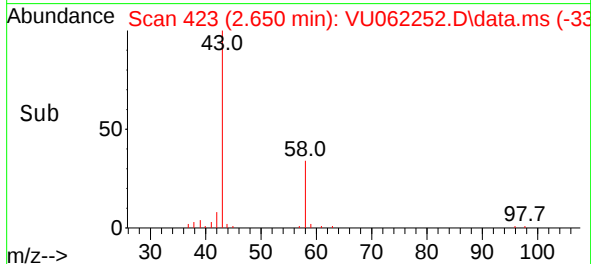
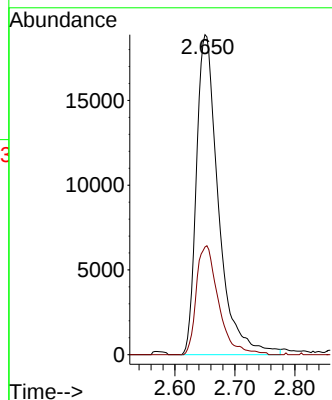
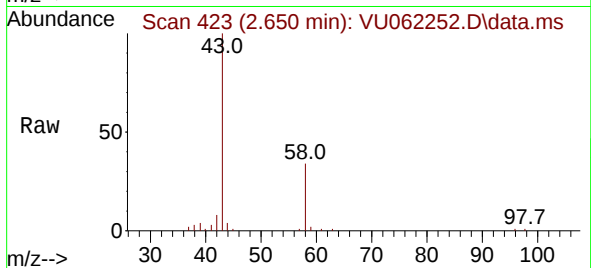
F7J41MSD

Tgt Ion: 43 Resp: 48360

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.368 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062252.D

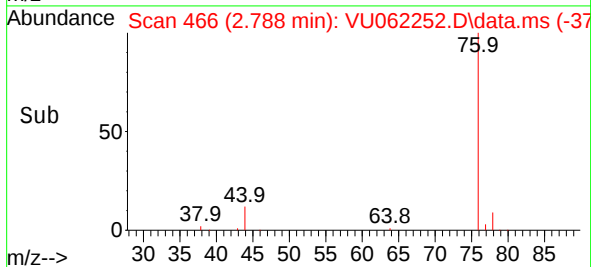
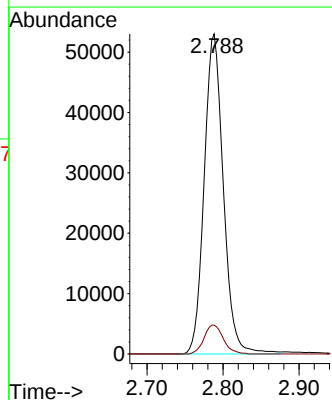
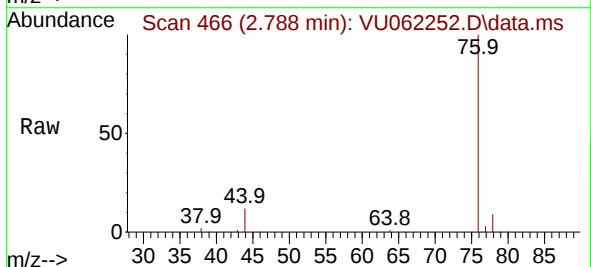
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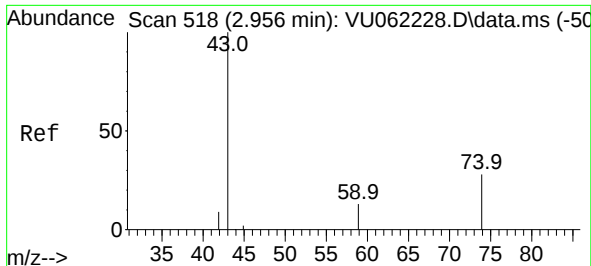
Tgt Ion: 76 Resp: 92835

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.631 ug/L

RT: 2.955 min Scan# 518

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

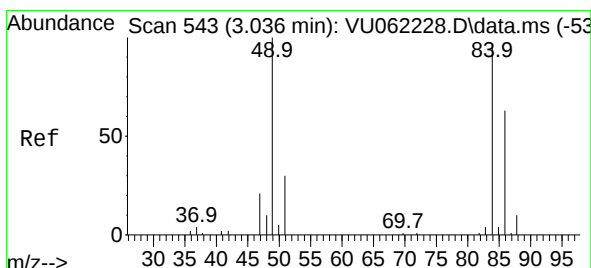
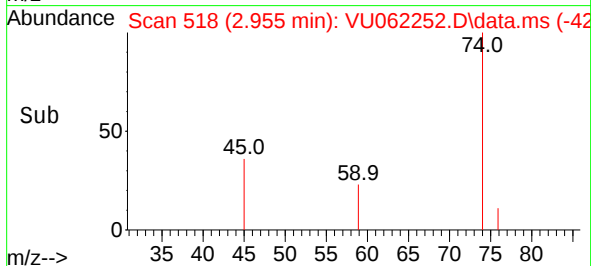
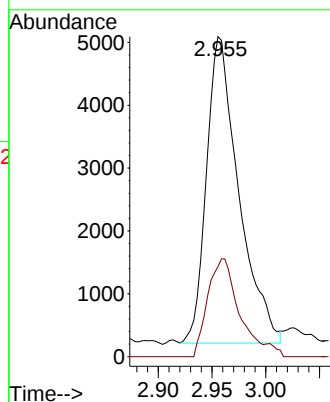
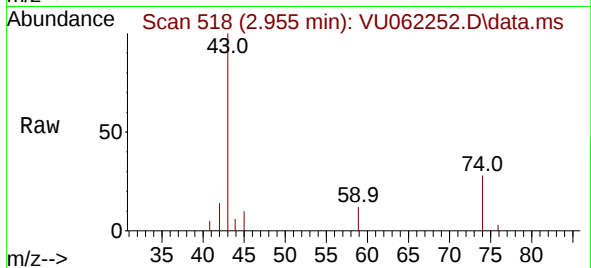
F7J41MSD

Tgt Ion: 43 Resp: 10167

Ion Ratio Lower Upper

43 100

74 31.8 19.4 29.2#



#16

Methylene chloride

Concen: 5.094 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

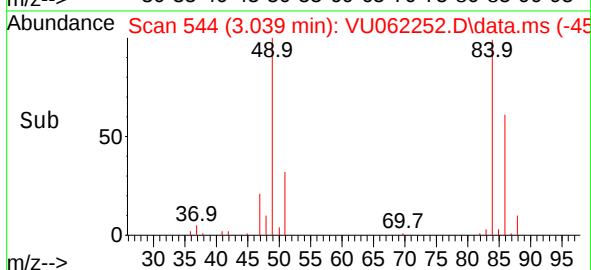
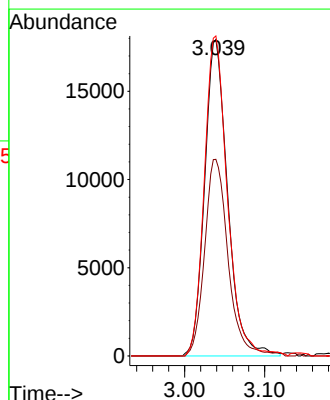
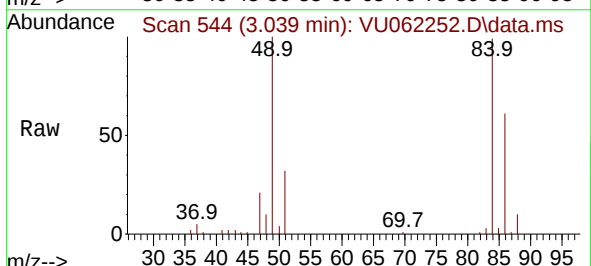
Tgt Ion: 84 Resp: 35933

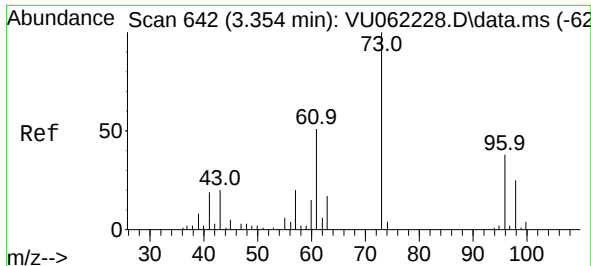
Ion Ratio Lower Upper

84 100

86 62.2 43.5 80.7

49 101.2 81.9 152.1

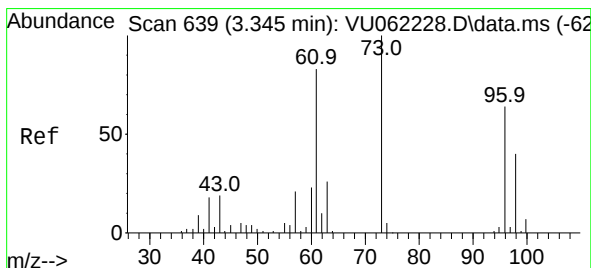
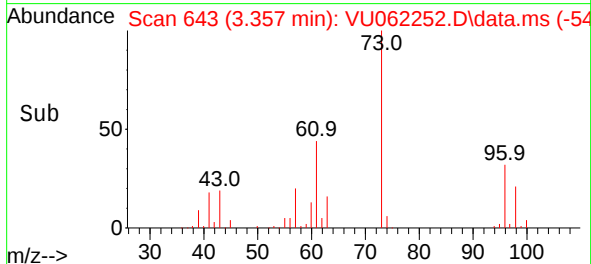
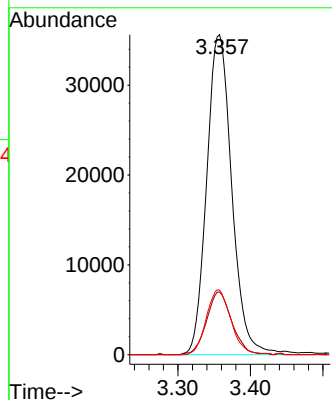
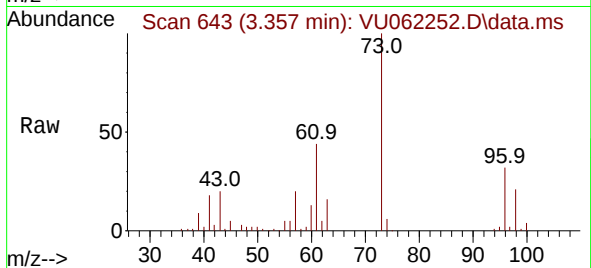




#17
Methyl tert-butyl Ether
Concen: 5.113 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

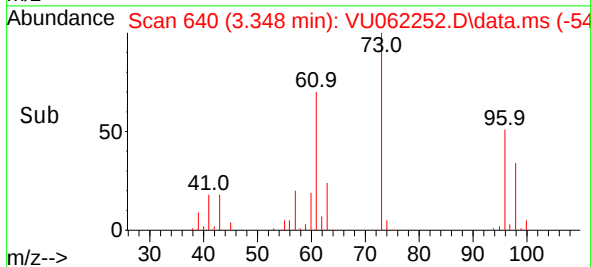
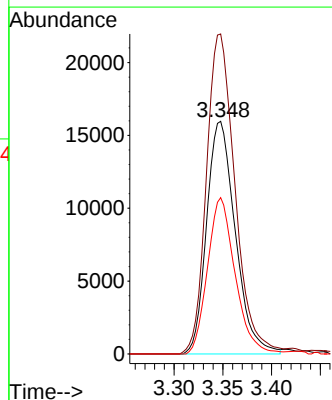
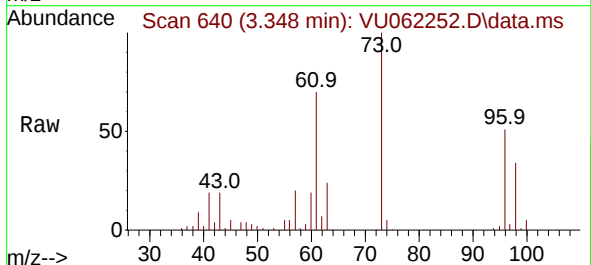
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

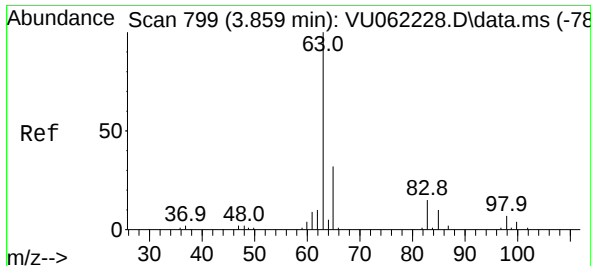
Tgt Ion: 73 Resp: 85596
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 20.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.730 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 96 Resp: 32657
Ion Ratio Lower Upper
96 100
61 137.6 104.2 193.4
98 67.2 45.7 84.9

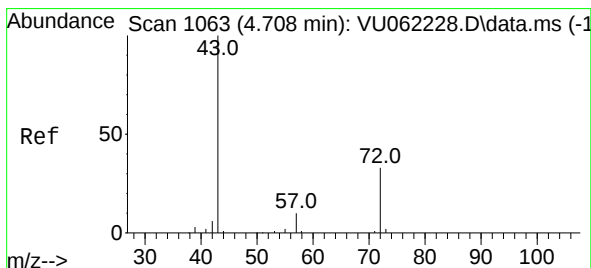
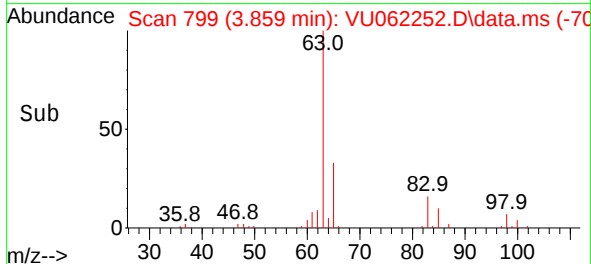
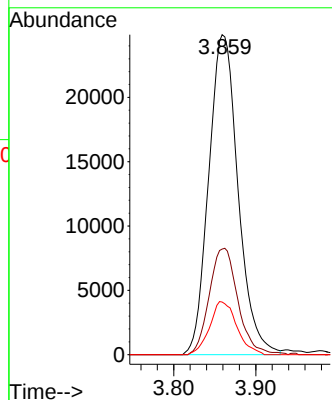
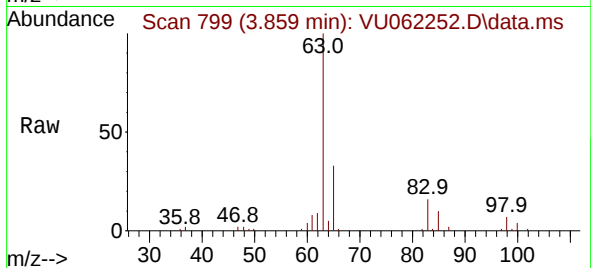




#19
1,1-Dichloroethane
Concen: 4.891 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

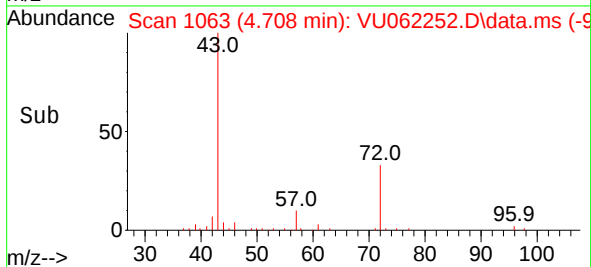
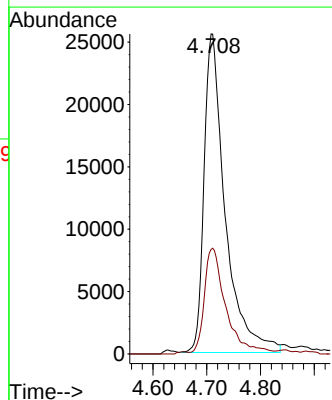
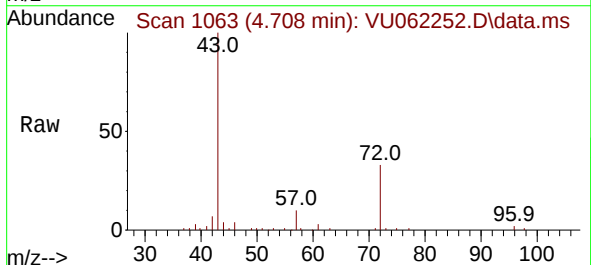
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

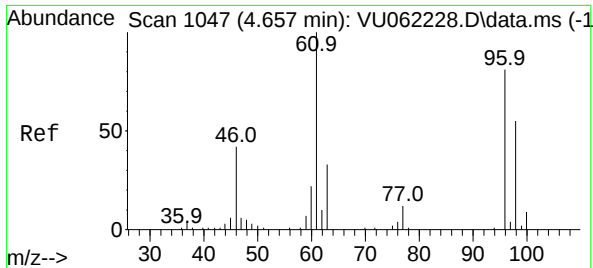
Tgt Ion: 63 Resp: 61902
Ion Ratio Lower Upper
63 100
65 33.0 22.7 42.3
83 16.5 9.9 18.3



#21
2-Butanone
Concen: 54.788 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 43 Resp: 69703
Ion Ratio Lower Upper
43 100
72 32.2 14.8 44.4

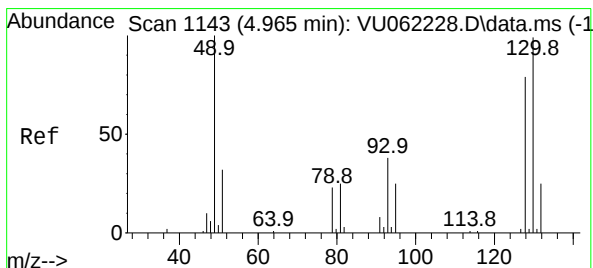
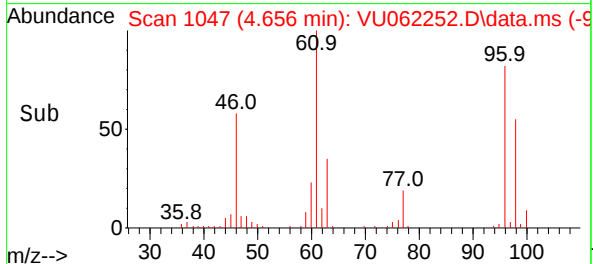
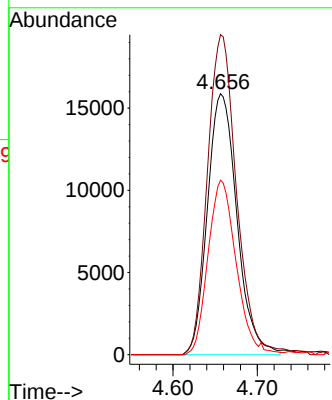
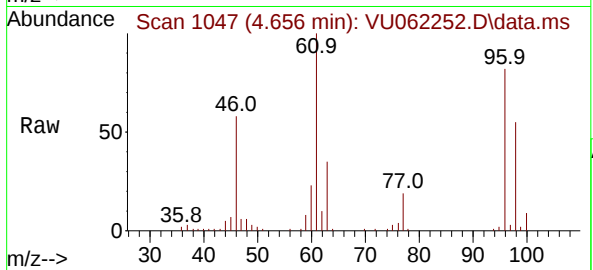




#22
cis-1,2-Dichloroethene
Concen: 4.996 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

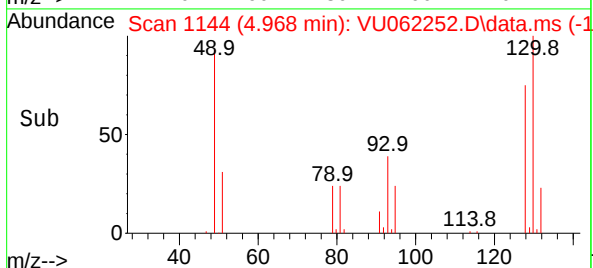
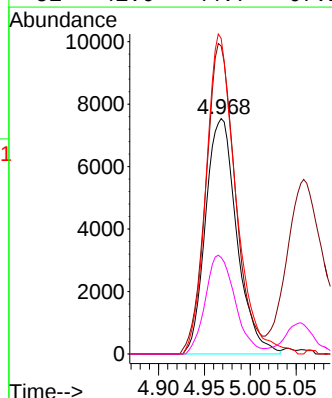
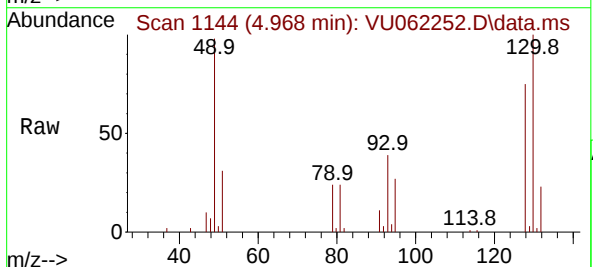
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

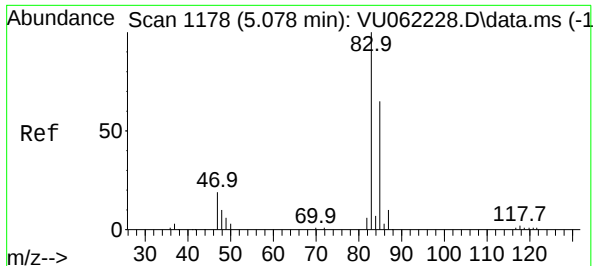
Tgt Ion: 96 Resp: 38666
Ion Ratio Lower Upper
96 100
61 122.7 92.0 170.8
98 66.9 44.5 82.7



#23
Bromochloromethane
Concen: 5.254 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:128 Resp: 17825
Ion Ratio Lower Upper
128 100
49 130.8 115.3 214.1
130 134.0 92.0 170.8
51 41.0 44.7 67.1#





#25

Chloroform

Concen: 5.020 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

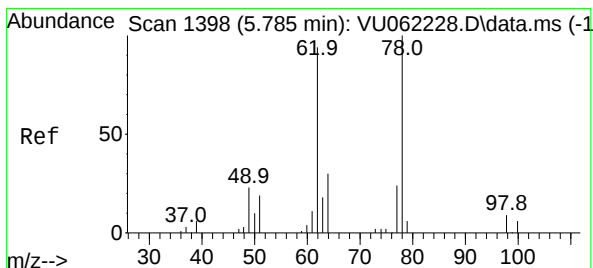
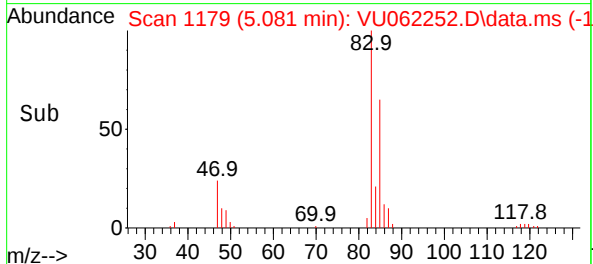
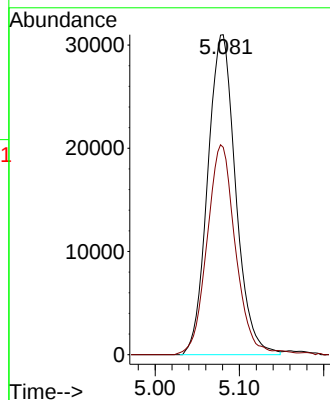
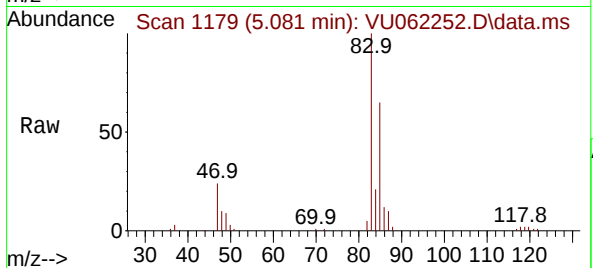
F7J41MSD

Tgt Ion: 83 Resp: 71568

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.185 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062252.D

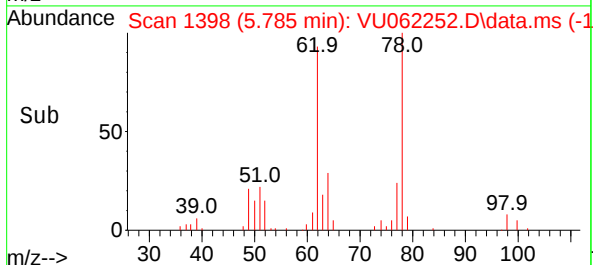
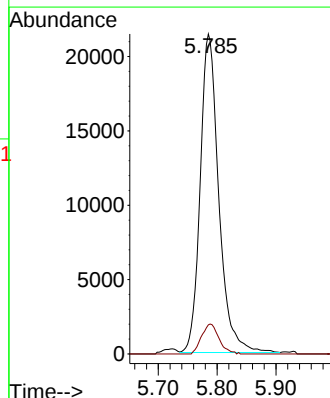
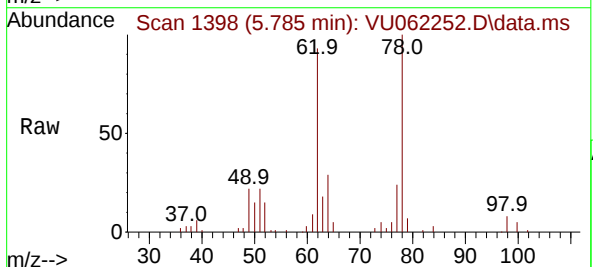
Acq: 11 Dec 2024 19:49

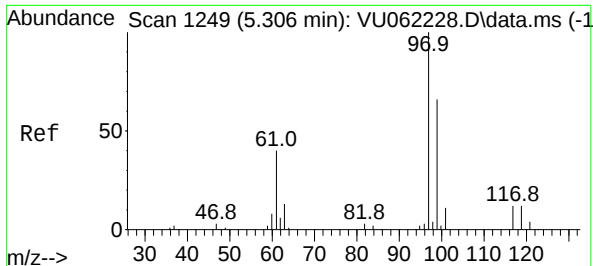
Tgt Ion: 62 Resp: 46975

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

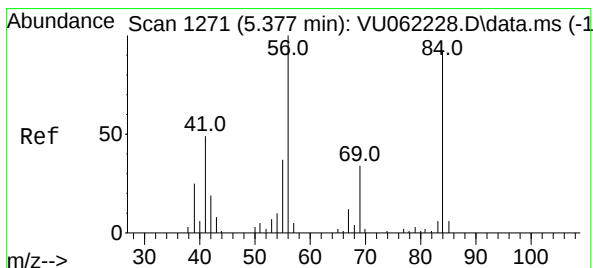
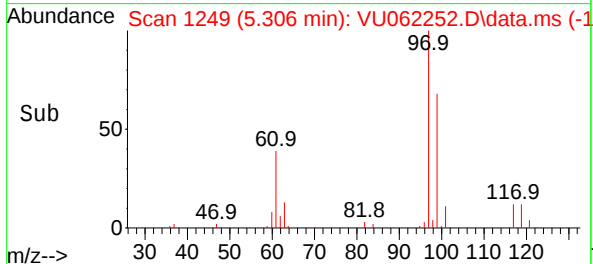
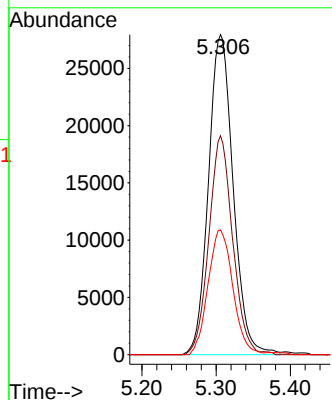
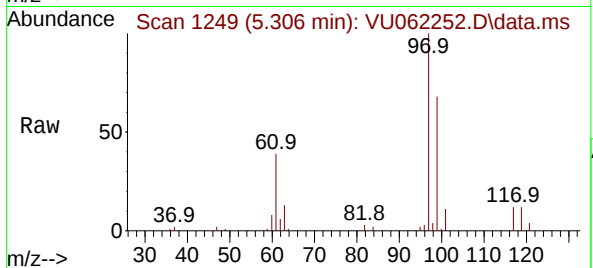




#29
1,1,1-Trichloroethane
Concen: 4.946 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

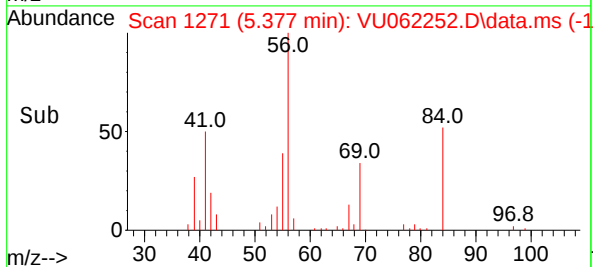
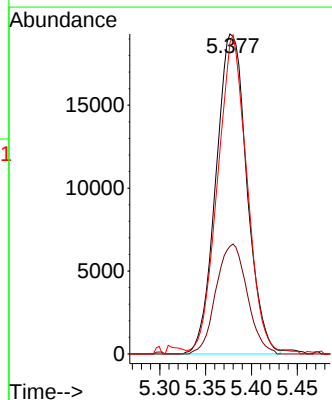
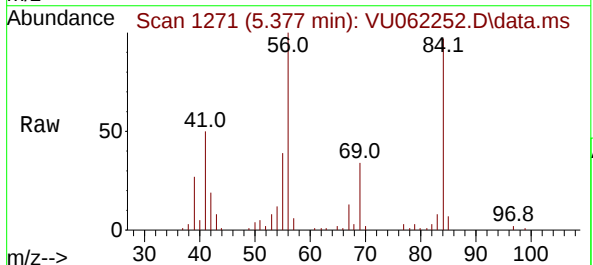
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

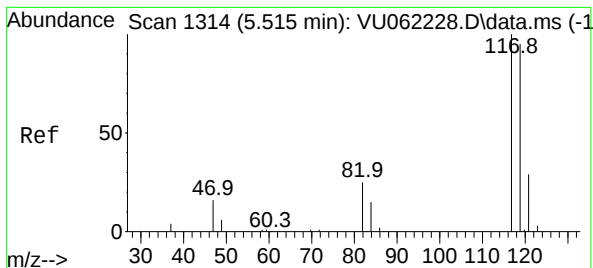
Tgt Ion: 97 Resp: 64584
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.2
61 39.1 37.8 56.6



#30
Cyclohexane
Concen: 4.273 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 56 Resp: 45236
Ion Ratio Lower Upper
56 100
69 34.5 25.1 37.7
84 95.1 70.6 105.8





#31

Carbon tetrachloride

Concen: 4.717 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

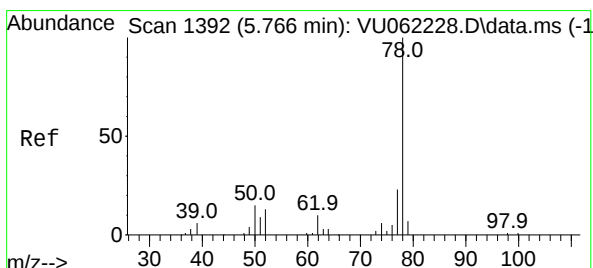
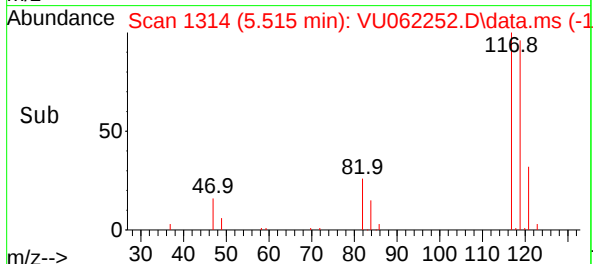
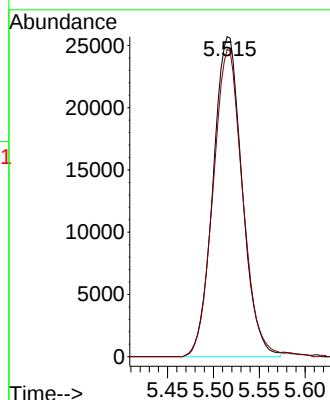
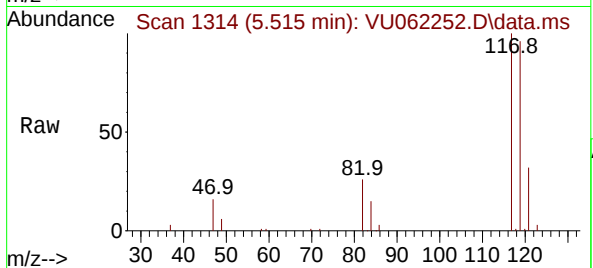
F7J41MSD

Tgt Ion:117 Resp: 56475

Ion Ratio Lower Upper

117 100

119 97.3 77.5 116.3



#33

Benzene

Concen: 4.823 ug/L

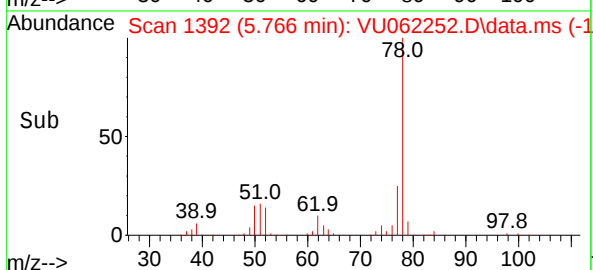
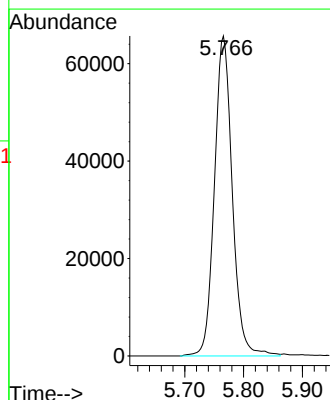
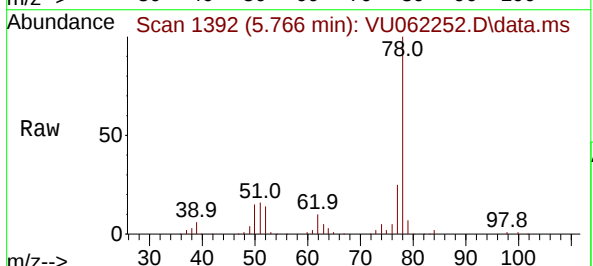
RT: 5.766 min Scan# 1392

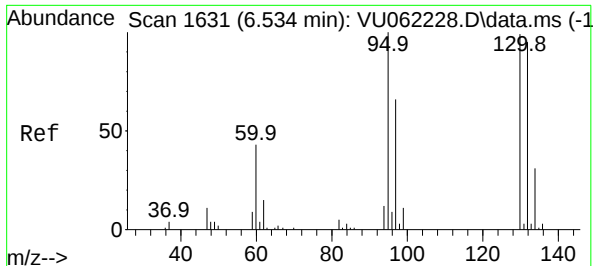
Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Tgt Ion: 78 Resp: 138711





#34

Trichloroethene

Concen: 6.798 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

Tgt Ion: 95 Resp: 55383

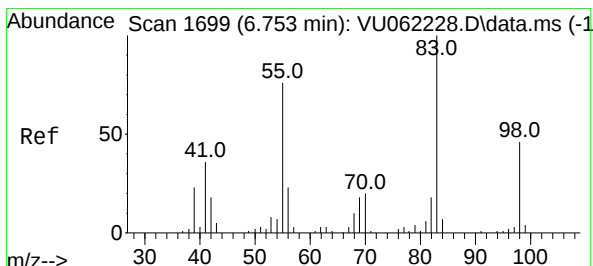
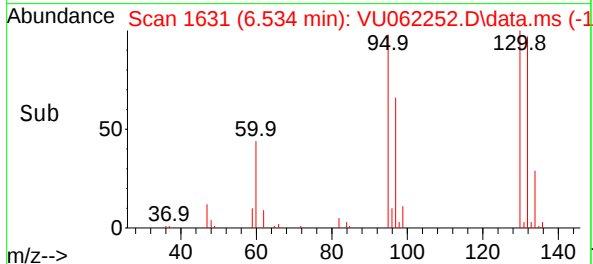
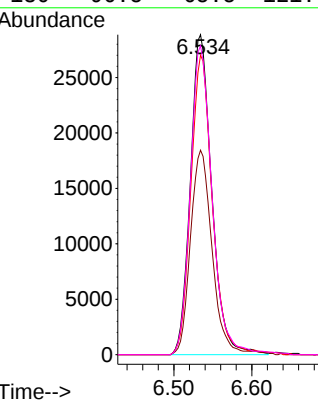
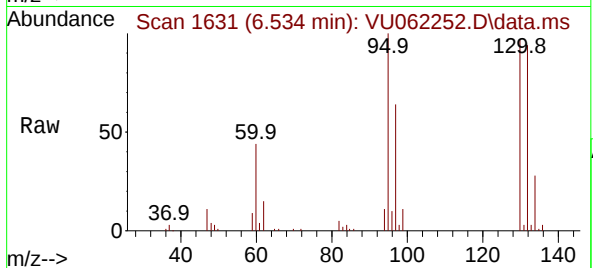
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 93.6 63.8 118.4

130 96.5 65.5 121.7



#35

Methylcyclohexane

Concen: 4.305 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

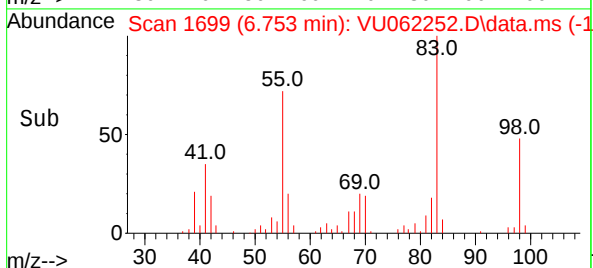
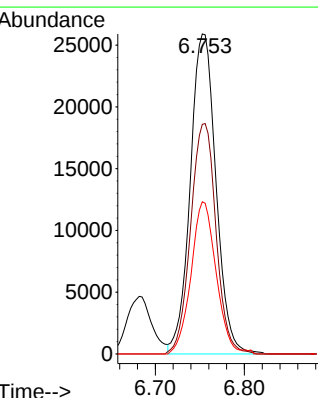
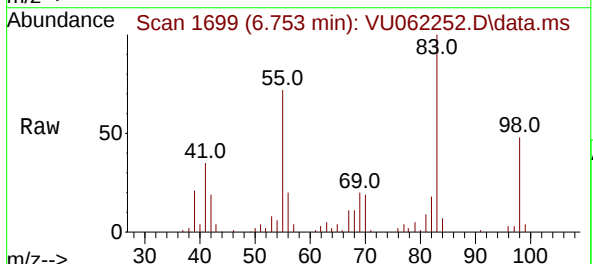
Tgt Ion: 83 Resp: 52002

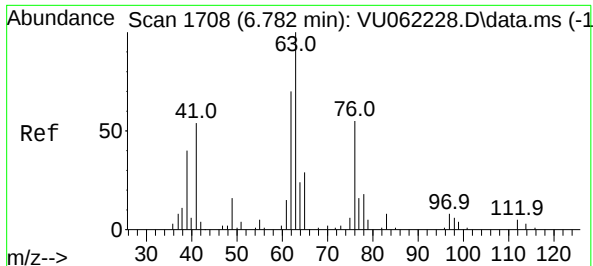
Ion Ratio Lower Upper

83 100

55 70.9 60.7 91.1

98 46.5 34.8 52.2

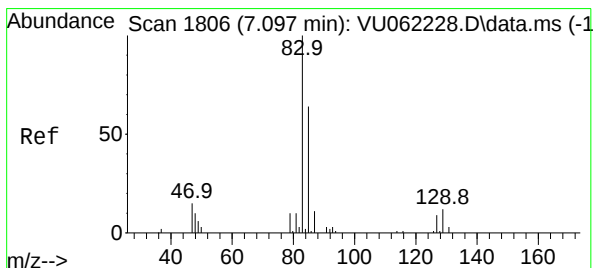
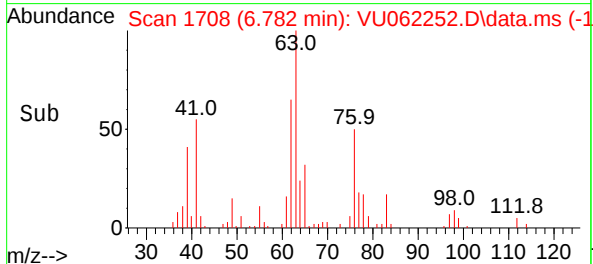
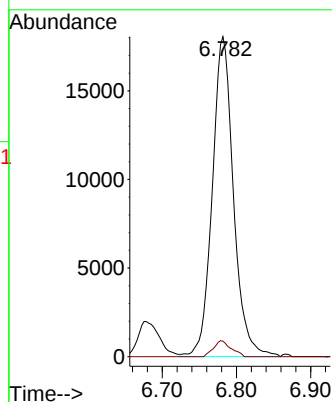
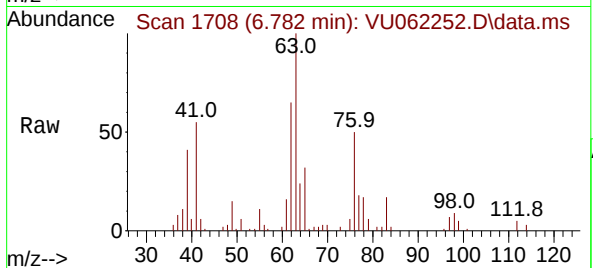




#37
1,2-Dichloropropane
Concen: 5.120 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

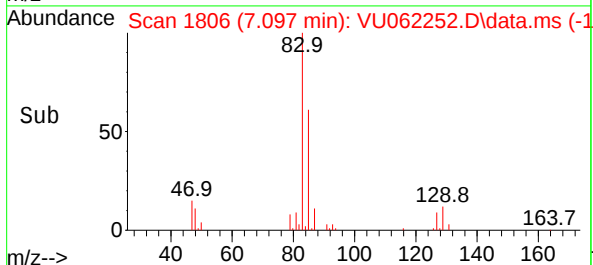
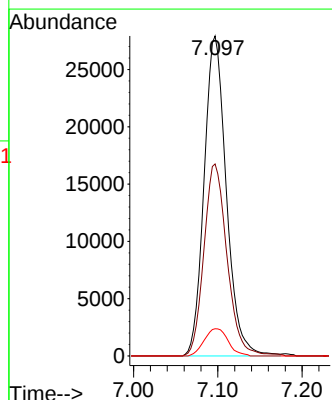
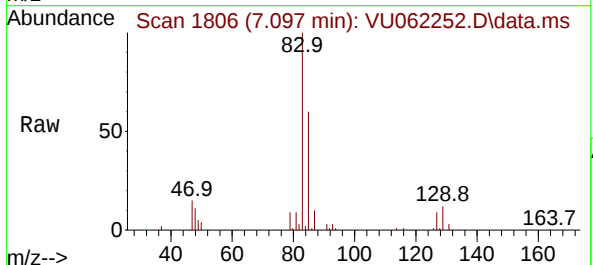
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

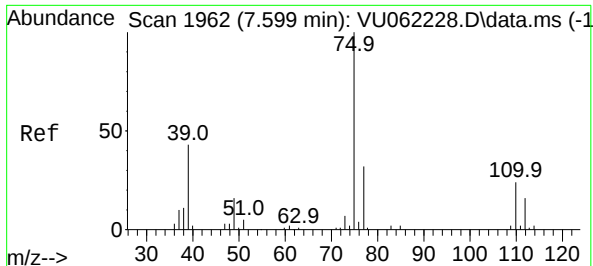
Tgt Ion: 63 Resp: 35861
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 5.198 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 83 Resp: 51364
Ion Ratio Lower Upper
83 100
85 60.0 44.1 81.9
127 8.5 6.9 10.3

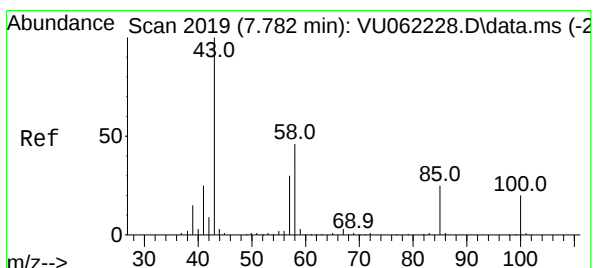
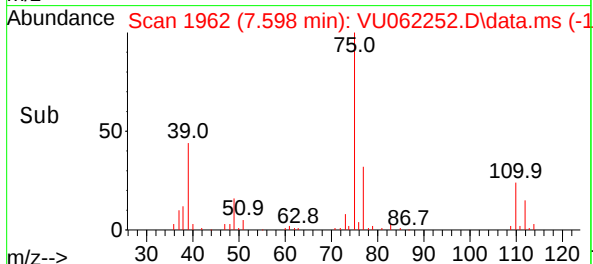
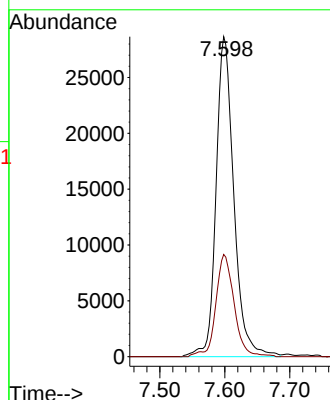
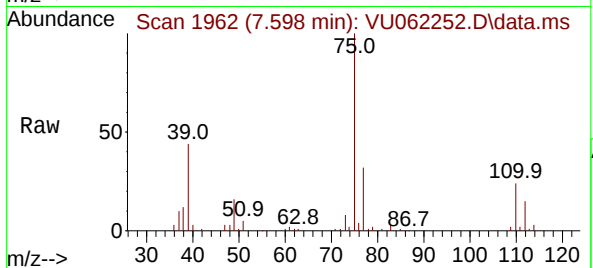




#39
 cis-1,3-Dichloropropene
 Concen: 4.845 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062252.D
 Acq: 11 Dec 2024 19:49

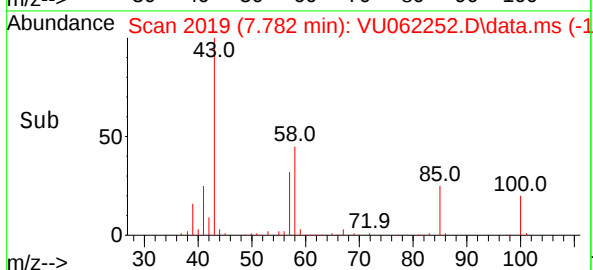
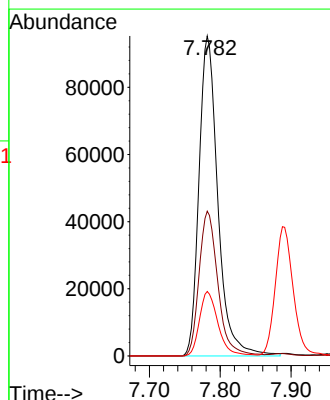
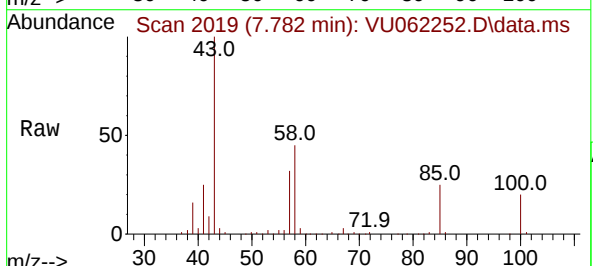
Instrument :
 MSVOA_U
 ClientSampleId :
 F7J41MSD

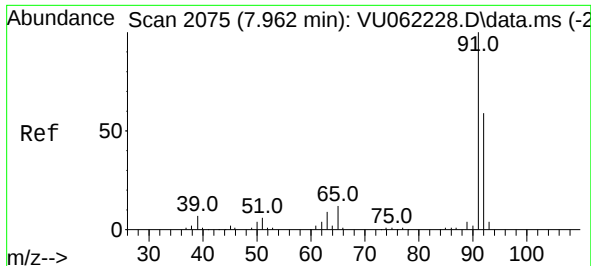
Tgt Ion: 75 Resp: 54398
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 53.563 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062252.D
 Acq: 11 Dec 2024 19:49

Tgt Ion: 43 Resp: 175830
 Ion Ratio Lower Upper
 43 100
 58 45.3 33.3 49.9
 100 19.9 12.4 18.6#





#42

Toluene

Concen: 4.876 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

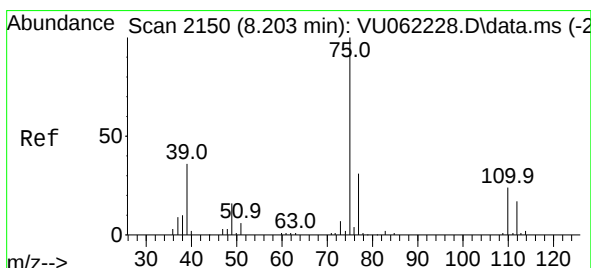
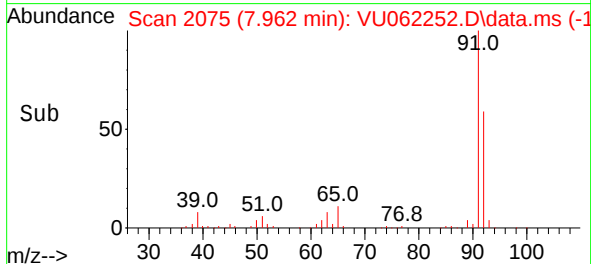
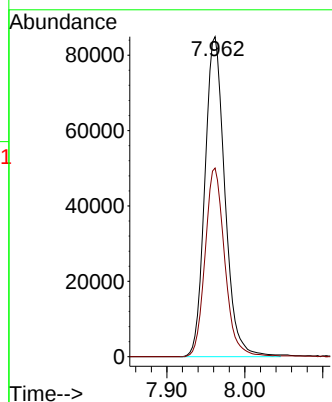
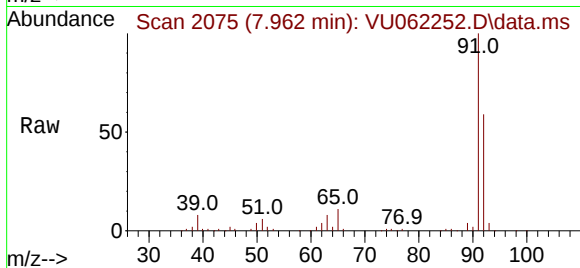
F7J41MSD

Tgt Ion: 91 Resp: 151236

Ion Ratio Lower Upper

91 100

92 59.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.148 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062252.D

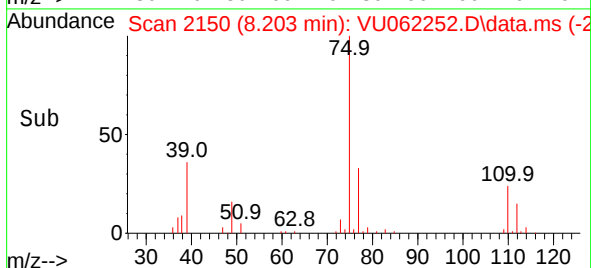
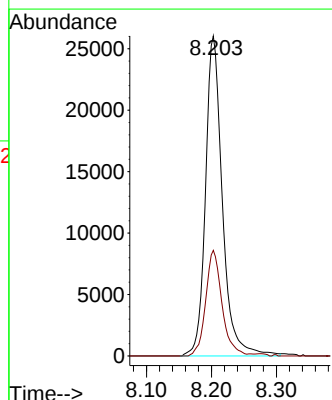
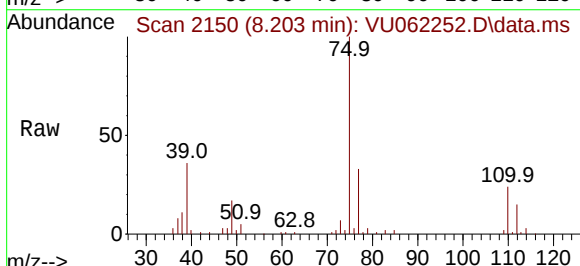
Acq: 11 Dec 2024 19:49

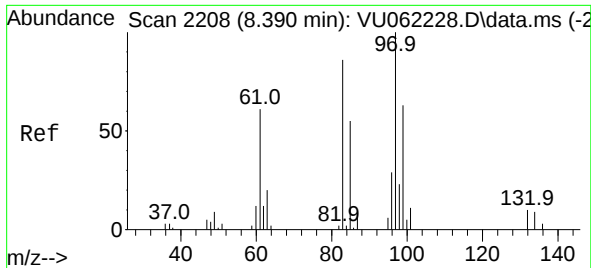
Tgt Ion: 75 Resp: 47196

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4

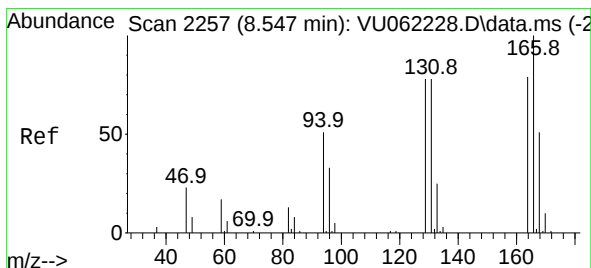
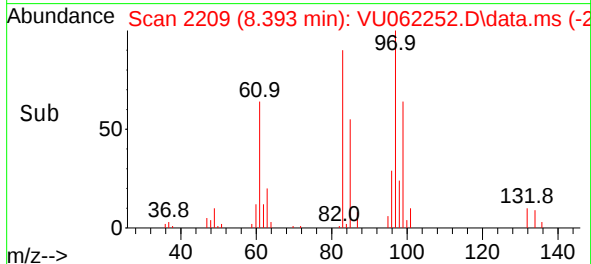
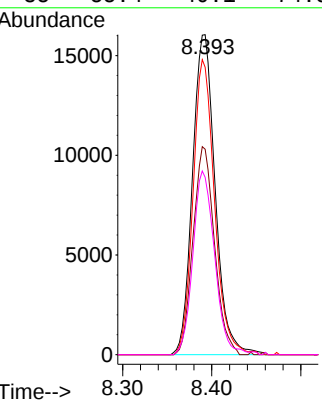
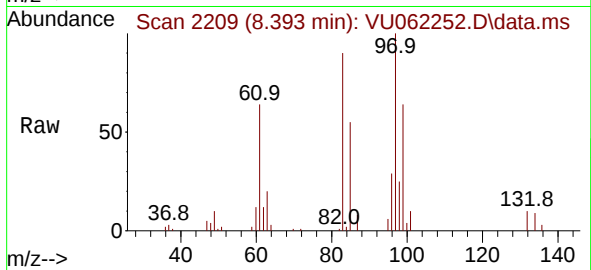




#45
1,1,2-Trichloroethane
Concen: 5.360 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

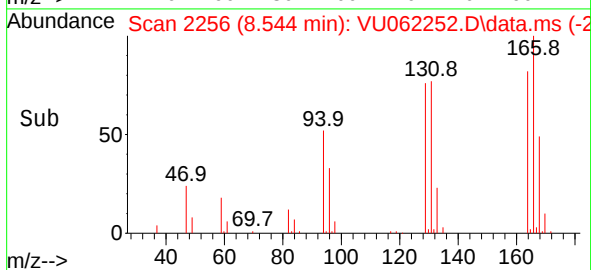
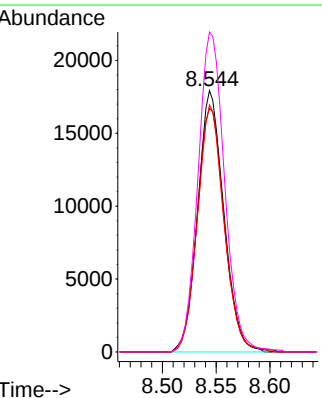
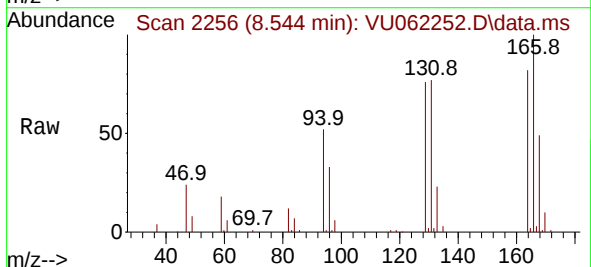
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

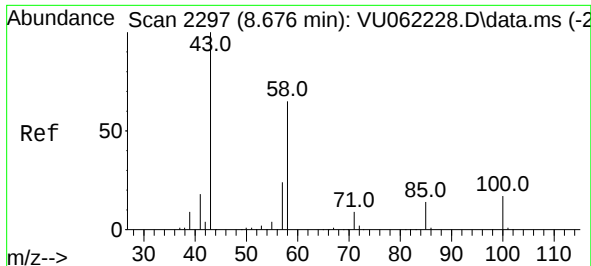
Tgt Ion:	97	Resp:	28344
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	79.8
83	89.8	61.7	114.5
85	55.4	40.1	74.5



#47
Tetrachloroethene
Concen: 4.802 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:	164	Resp:	30210
Ion	Ratio	Lower	Upper
164	100		
129	93.2	73.2	136.0
131	94.5	72.3	134.3
166	122.4	90.2	167.4



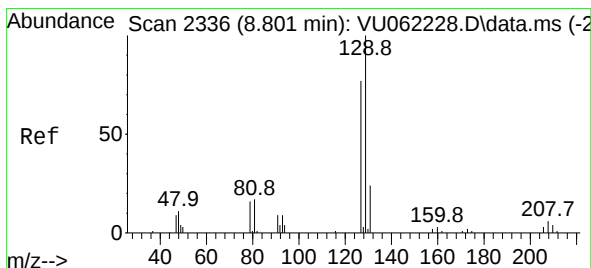
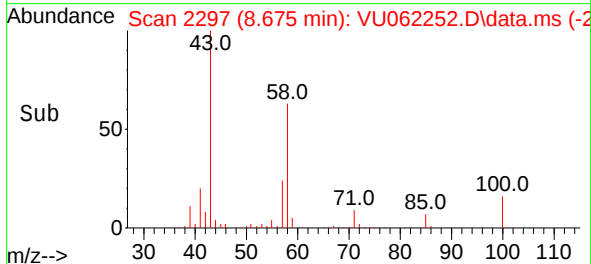
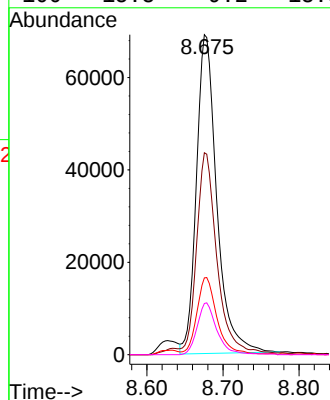
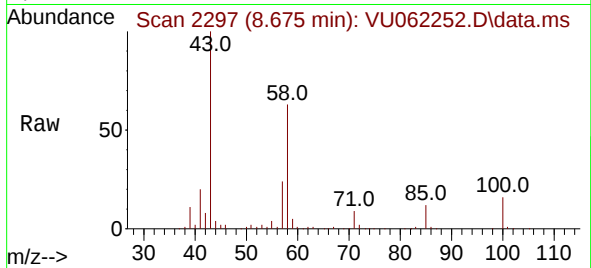


#48
2-Hexanone
Concen: 53.048 ug/L
RT: 8.675 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

Tgt Ion: 43 Resp: 128694

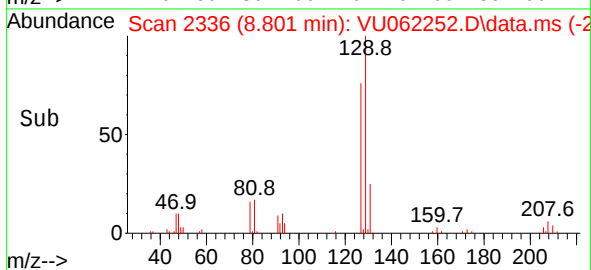
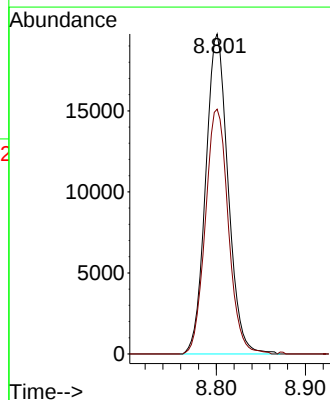
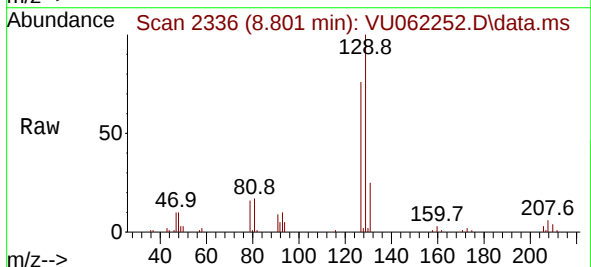
Ion	Ratio	Lower	Upper
43	100		
58	62.5	47.5	71.3
57	23.5	15.6	23.4#
100	15.8	9.2	13.8#

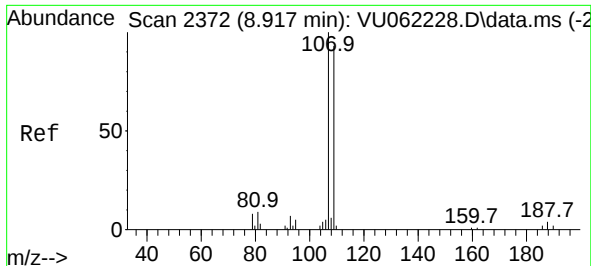


#49
Dibromochloromethane
Concen: 5.400 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 129 Resp: 34501

Ion	Ratio	Lower	Upper
129	100		
127	76.5	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.437 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.003 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

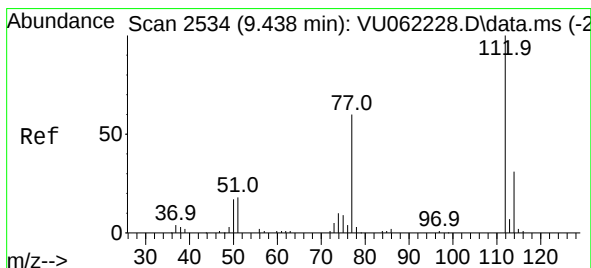
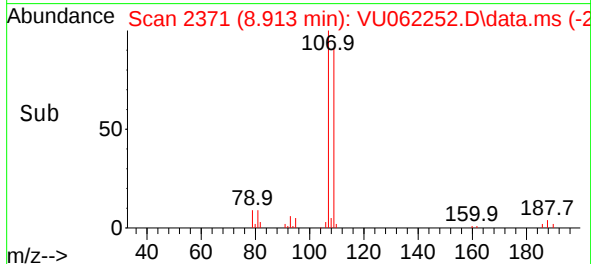
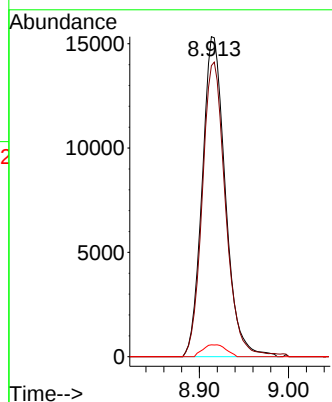
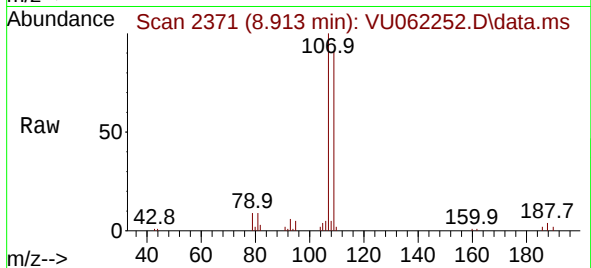
Tgt Ion:107 Resp: 27627

Ion Ratio Lower Upper

107 100

109 90.9 66.8 124.2

188 3.7 2.3 3.5#



#51

Chlorobenzene

Concen: 4.852 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

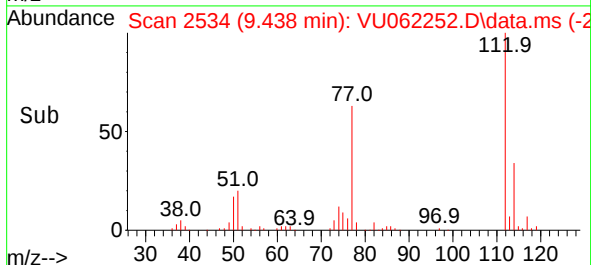
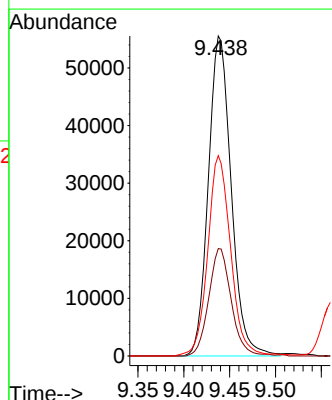
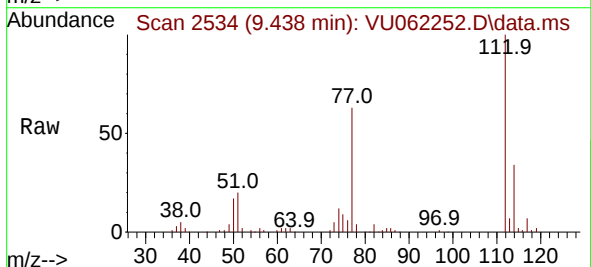
Tgt Ion:112 Resp: 96429

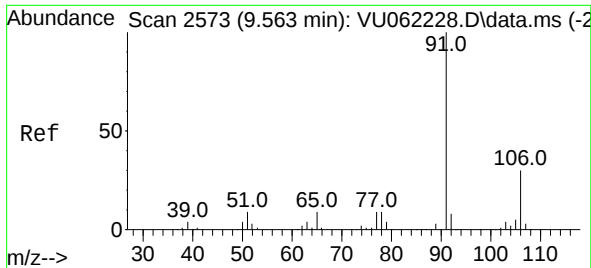
Ion Ratio Lower Upper

112 100

114 33.6 23.0 42.6

77 62.6 50.5 75.7

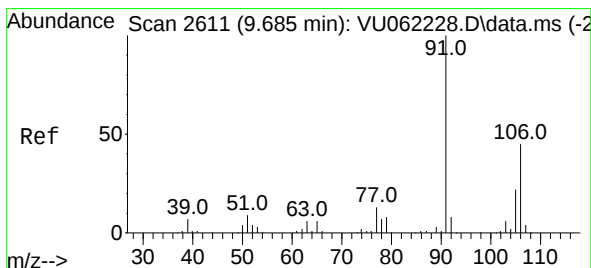
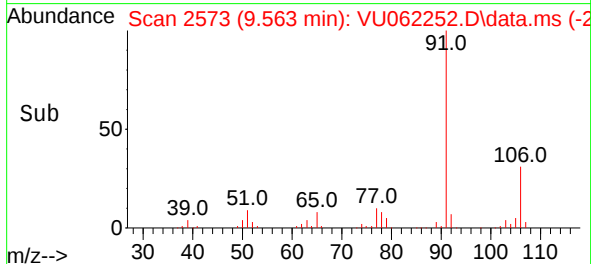
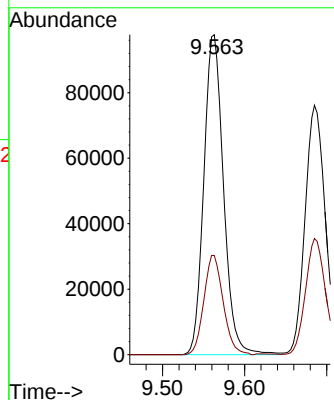
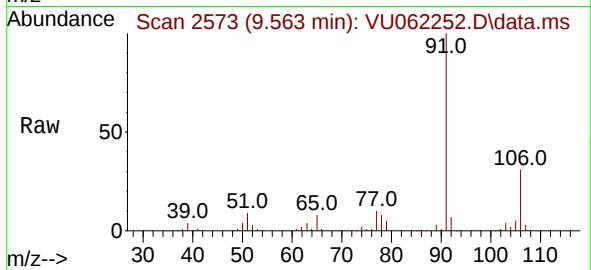




#52
Ethylbenzene
Concen: 4.694 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

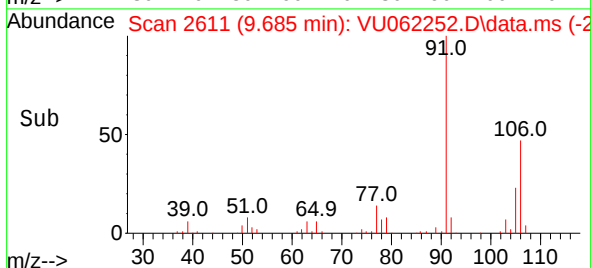
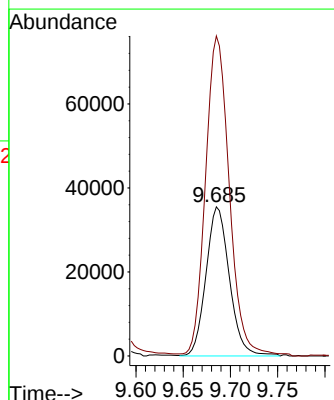
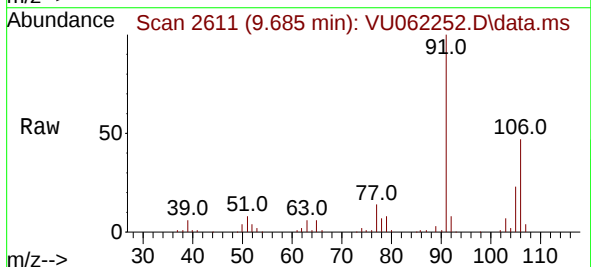
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

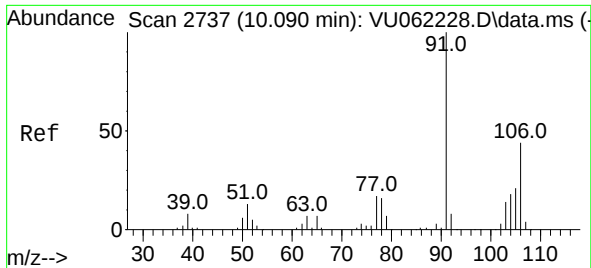
Tgt Ion: 91 Resp: 163226
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 4.772 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion: 106 Resp: 61259
Ion Ratio Lower Upper
106 100
91 214.7 147.6 274.0

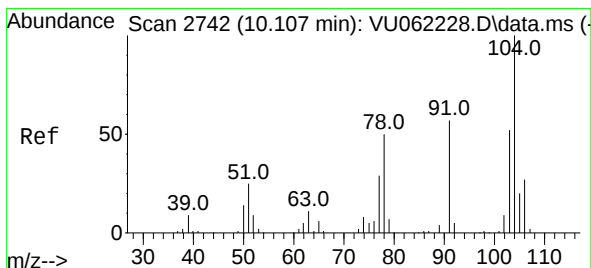
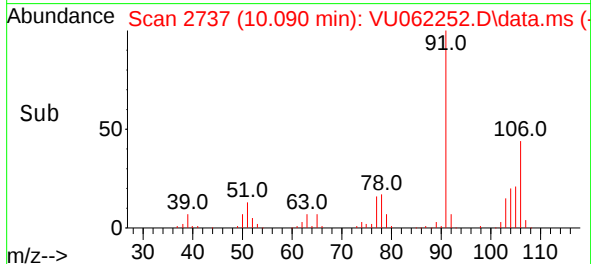
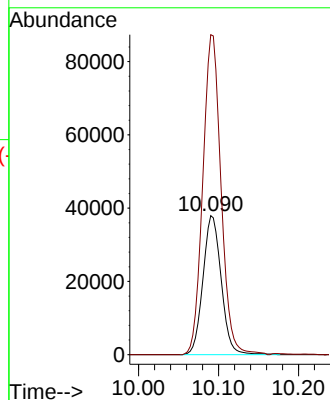
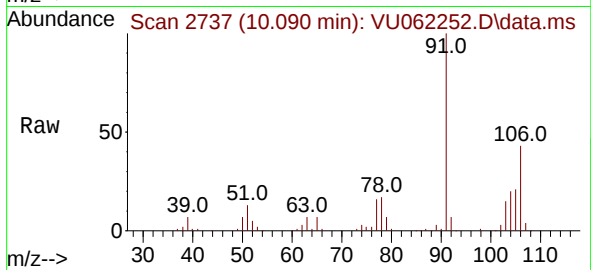




#54
o-Xylene
Concen: 4.839 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

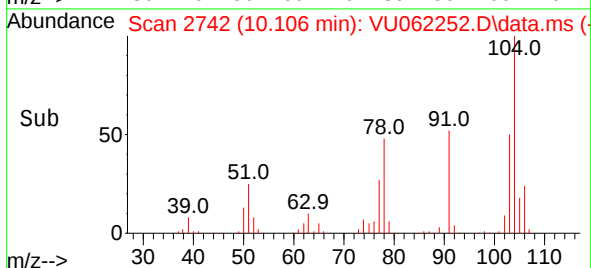
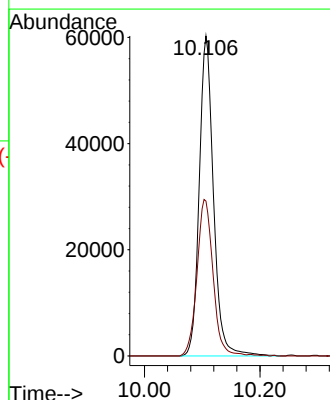
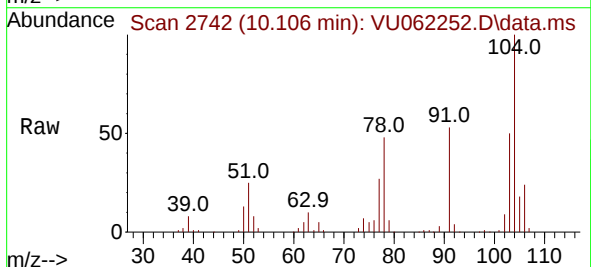
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

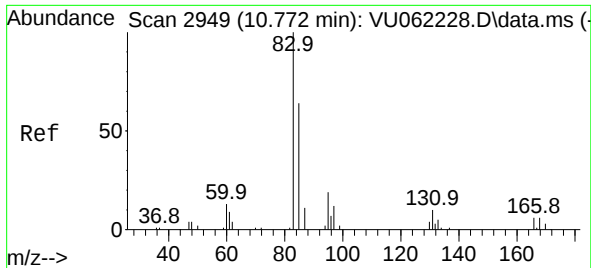
Tgt Ion:106 Resp: 60415
Ion Ratio Lower Upper
106 100
91 230.2 159.8 296.8



#55
Styrene
Concen: 5.009 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:104 Resp: 103092
Ion Ratio Lower Upper
104 100
78 48.4 33.2 61.7

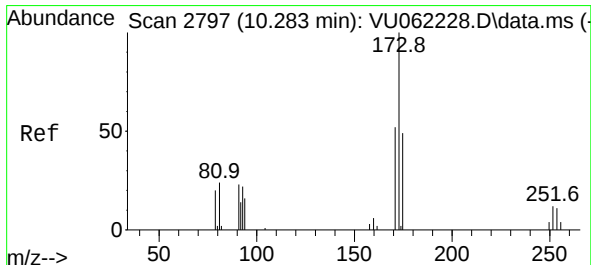
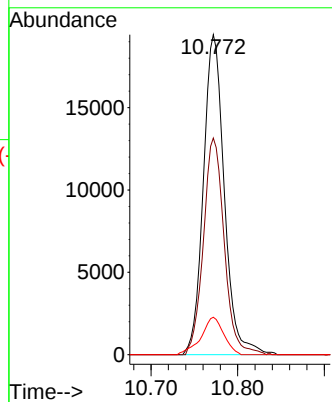
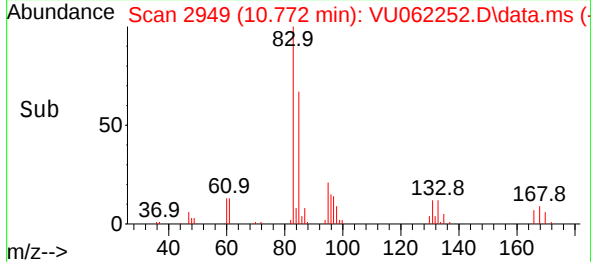
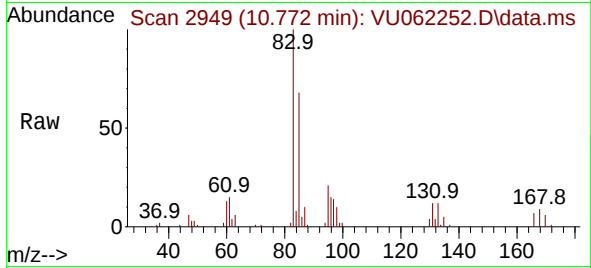




#57
1,1,2,2-Tetrachloroethane
Concen: 5.304 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

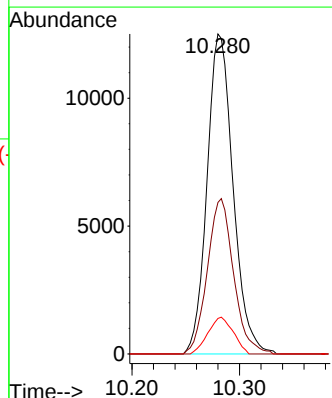
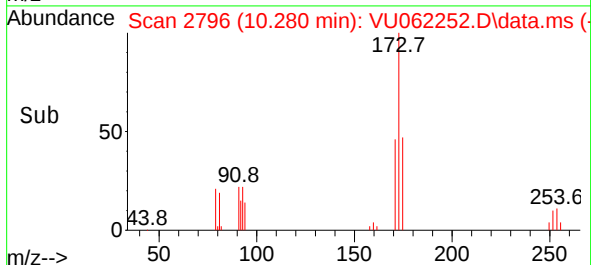
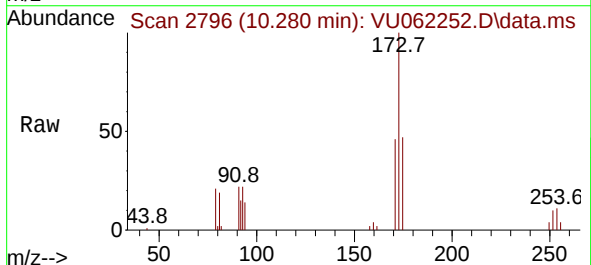
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

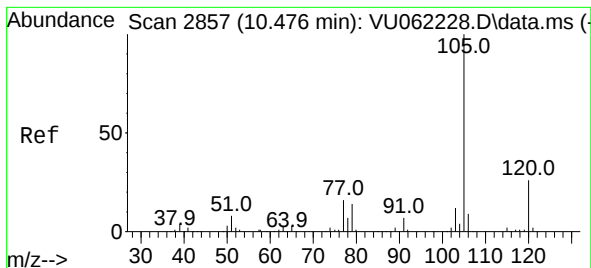
Tgt Ion: 83 Resp: 32640
Ion Ratio Lower Upper
83 100
85 67.7 44.4 82.4
131 11.7 7.3 10.9#



#59
Bromoform
Concen: 5.594 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:173 Resp: 21051
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 11.2 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.665 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

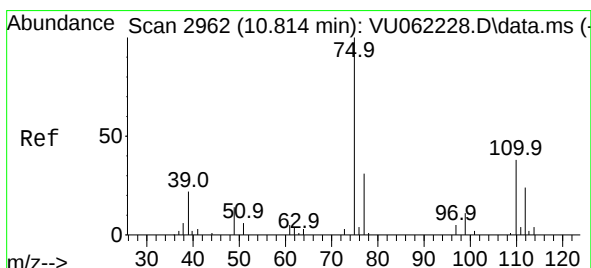
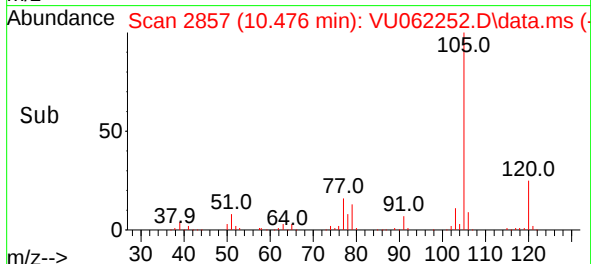
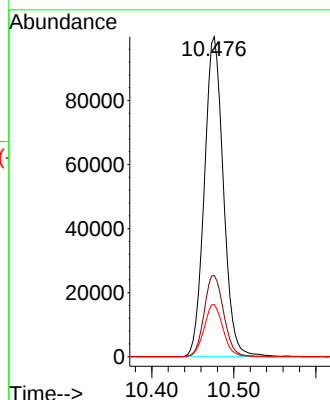
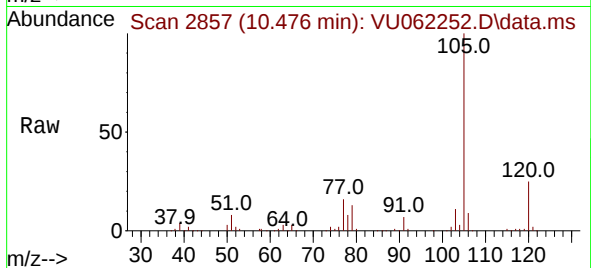
Tgt Ion:105 Resp: 161369

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.337 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

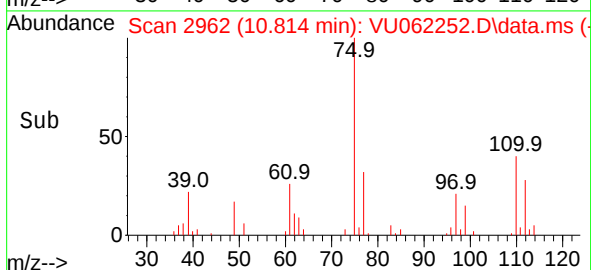
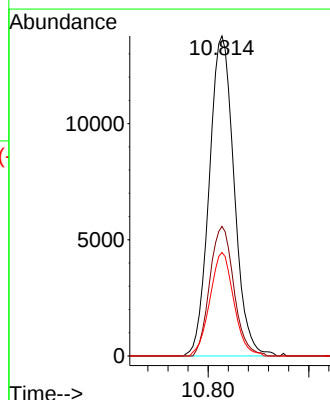
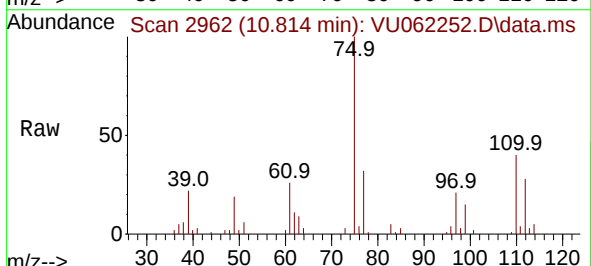
Tgt Ion: 75 Resp: 23633

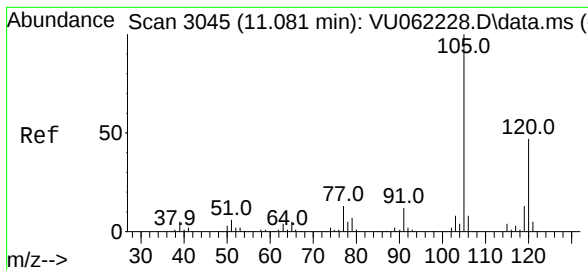
Ion Ratio Lower Upper

75 100

110 39.3 28.9 43.3

77 31.1 26.5 39.7

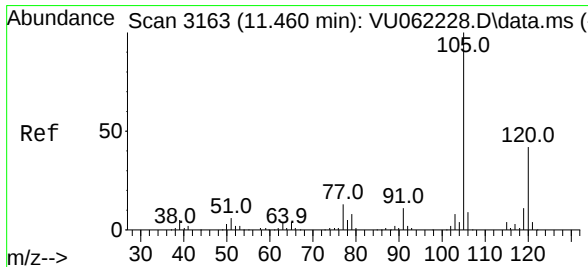
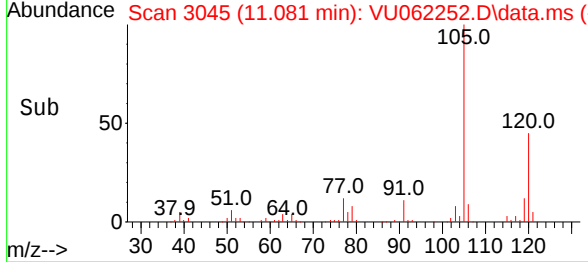
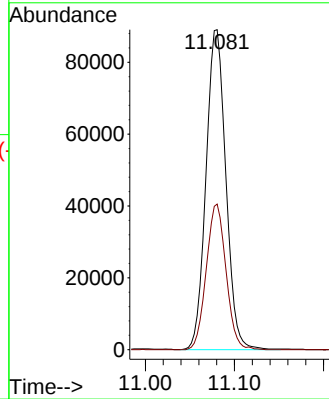
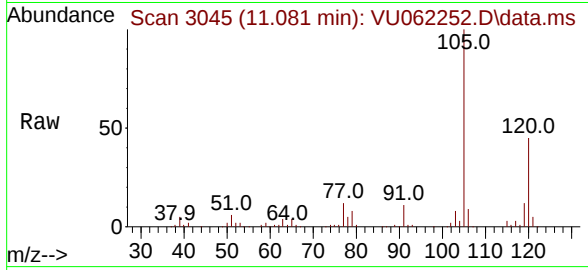




#62
1,3,5-Trimethylbenzene
Concen: 4.709 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

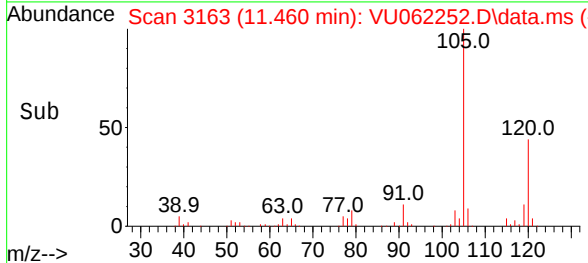
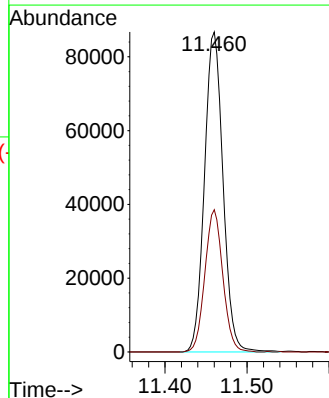
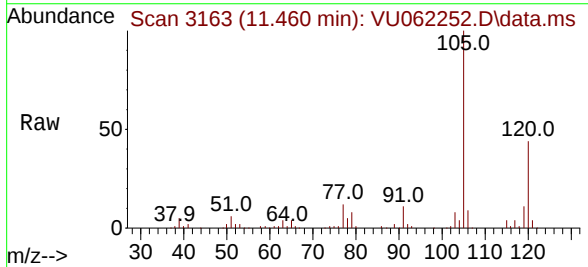
Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

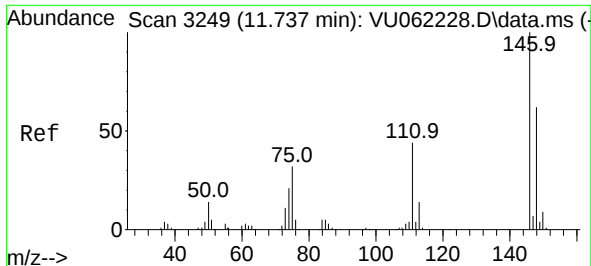
Tgt Ion:105 Resp: 137861
Ion Ratio Lower Upper
105 100
120 45.2 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.753 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:105 Resp: 136321
Ion Ratio Lower Upper
105 100
120 43.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.857 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

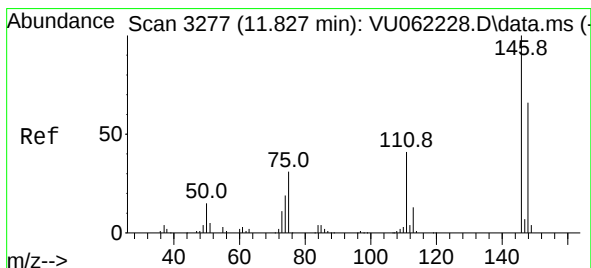
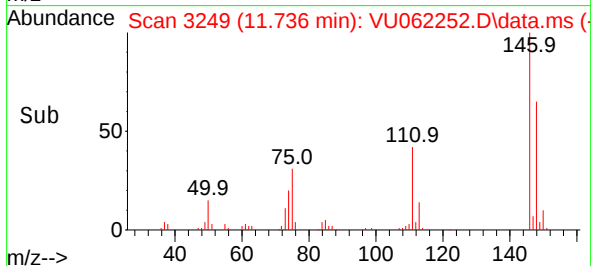
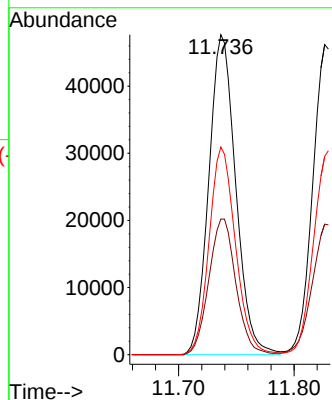
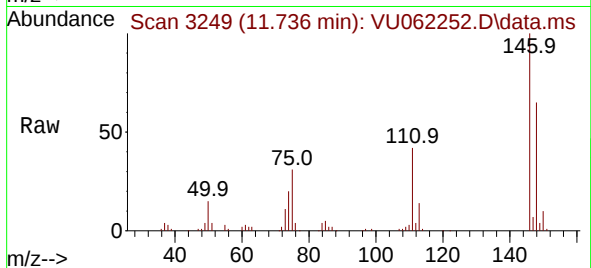
Tgt Ion:146 Resp: 77187

Ion Ratio Lower Upper

146 100

111 42.4 30.7 57.1

148 64.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.826 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

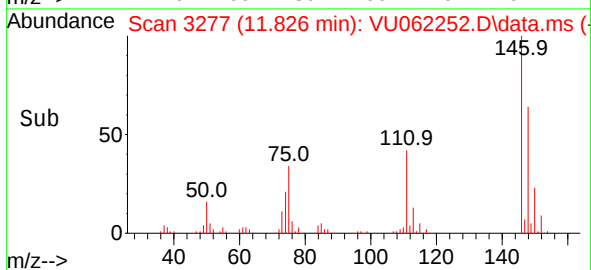
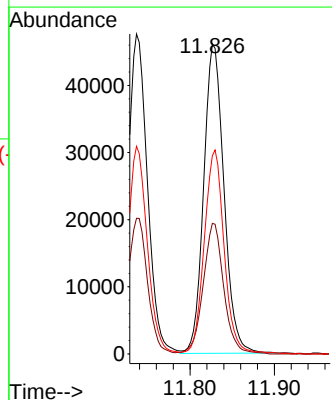
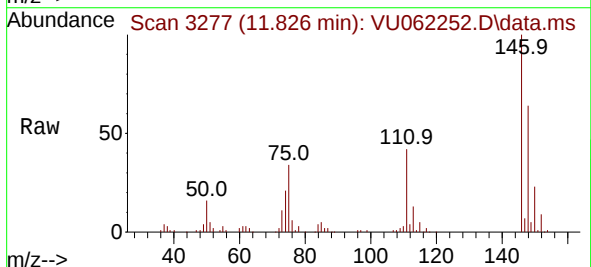
Tgt Ion:146 Resp: 77228

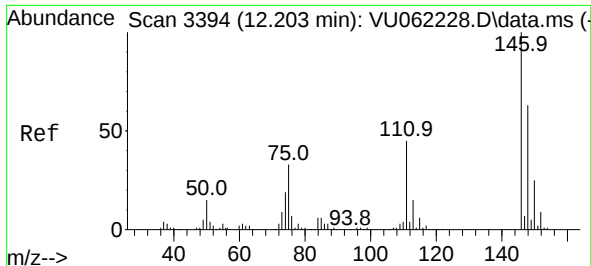
Ion Ratio Lower Upper

146 100

111 42.1 29.3 54.3

148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.959 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

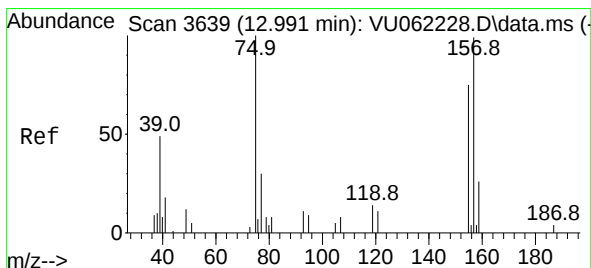
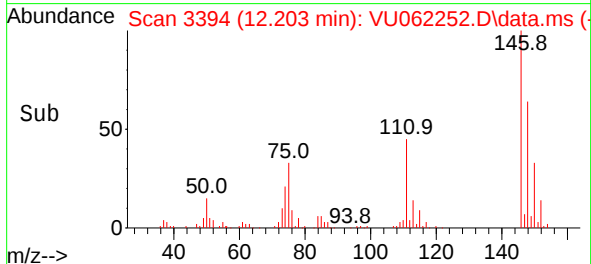
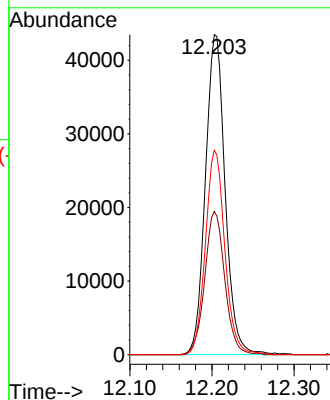
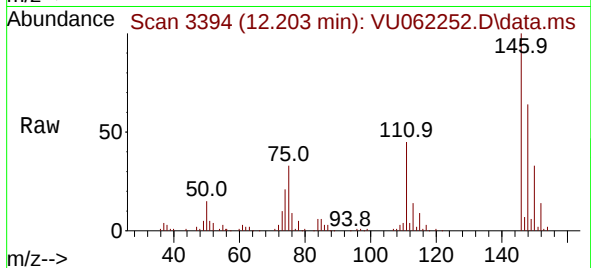
Tgt Ion:146 Resp: 72816

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 63.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.906 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

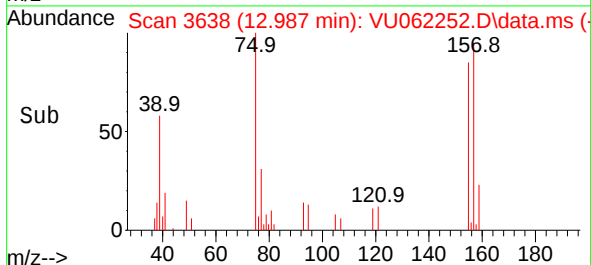
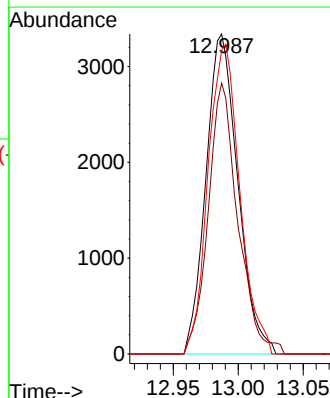
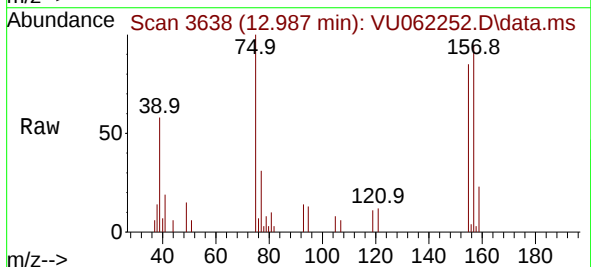
Tgt Ion: 75 Resp: 5704

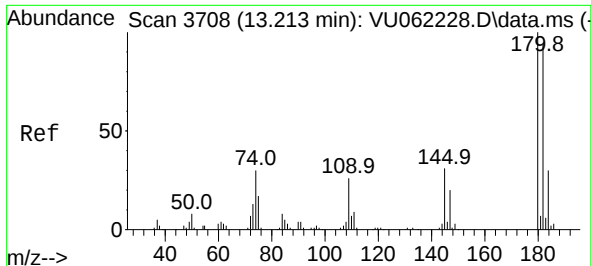
Ion Ratio Lower Upper

75 100

155 84.7 55.2 82.8#

157 94.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.743 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

Instrument :

MSVOA_U

ClientSampleId :

F7J41MSD

Tgt Ion:180 Resp: 56029

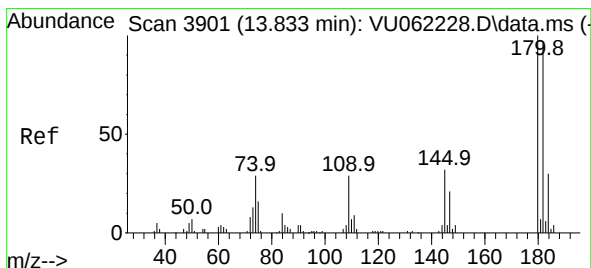
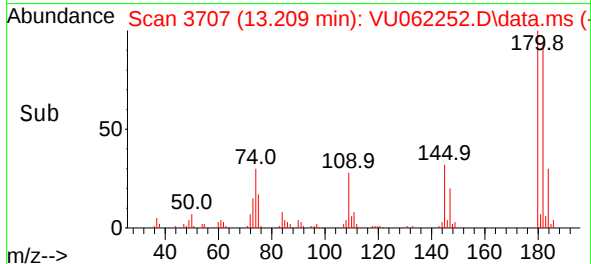
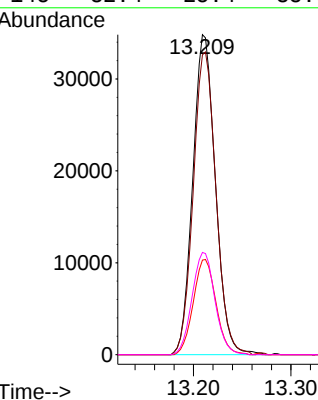
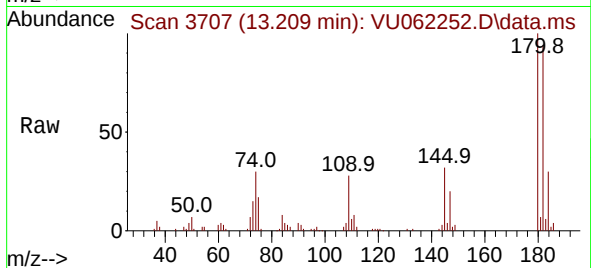
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 29.9 24.8 37.2

145 32.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.825 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062252.D

Acq: 11 Dec 2024 19:49

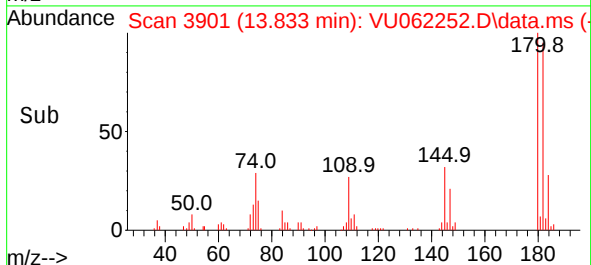
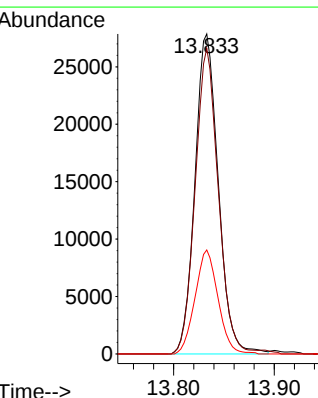
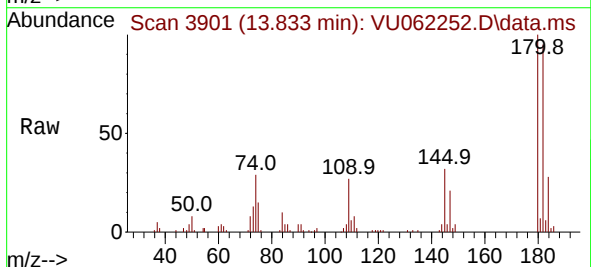
Tgt Ion:180 Resp: 44999

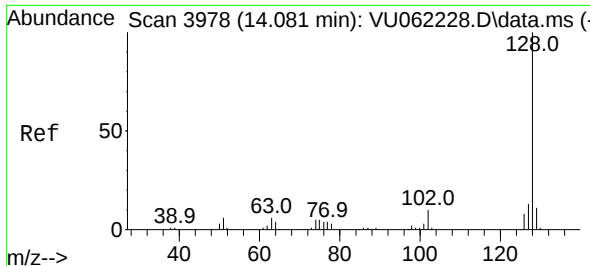
Ion Ratio Lower Upper

180 100

182 94.6 74.5 111.7

145 32.0 25.6 38.4

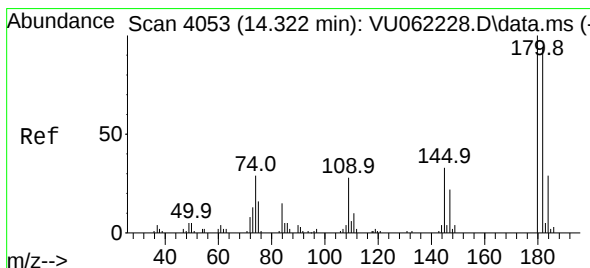
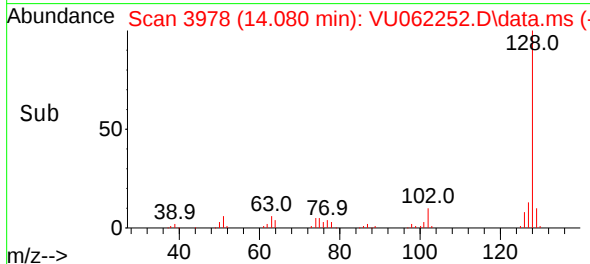
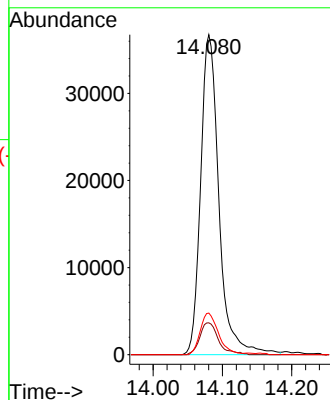
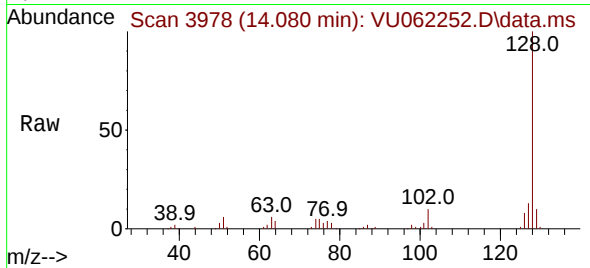




#71
Naphthalene
Concen: 4.814 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Instrument :
MSVOA_U
ClientSampleId :
F7J41MSD

Tgt Ion:128 Resp: 67417
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.853 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062252.D
Acq: 11 Dec 2024 19:49

Tgt Ion:180 Resp: 39910
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 34.3 27.4 41.0

