

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062464.D
 Acq On : 19 Dec 2024 10:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 01:28:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23989	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	18236	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	12315	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.624	46	44308	39.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.760%
24) Chloroform-d	5.052	84	58261	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	29707	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	101320	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	26855	3.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.891	98	97828	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	13214	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	34103	37.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21294	4.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35407	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37414	4.589	ug/L	100
3) Chloromethane	1.515	50	24630	3.854	ug/L	99
5) Vinyl chloride	1.599	62	27702	4.163	ug/L	98
6) Bromomethane	1.853	94	20331	4.584	ug/L	97
8) Chloroethane	1.930	64	16470	4.419	ug/L	96
9) Trichlorofluoromethane	2.133	101	59588	5.159	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30579	4.864	ug/L	93
12) 1,1-Dichloroethene	2.573	96	26137	4.447	ug/L	86
13) Acetone	2.641	43	34159	44.587	ug/L	98
14) Carbon disulfide	2.785	76	71493	3.847	ug/L	100
15) Methyl Acetate	2.952	43	7418	3.863	ug/L #	88
16) Methylene chloride	3.036	84	27369	4.436	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	65739	4.490	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	27246	4.512	ug/L	91
19) 1,1-Dichloroethane	3.859	63	49349	4.459	ug/L	97
21) 2-Butanone	4.705	43	47910	43.062	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	30124	4.451	ug/L	96
23) Bromochloromethane	4.965	128	14328	4.829	ug/L #	71
25) Chloroform	5.078	83	60971	4.890	ug/L	96

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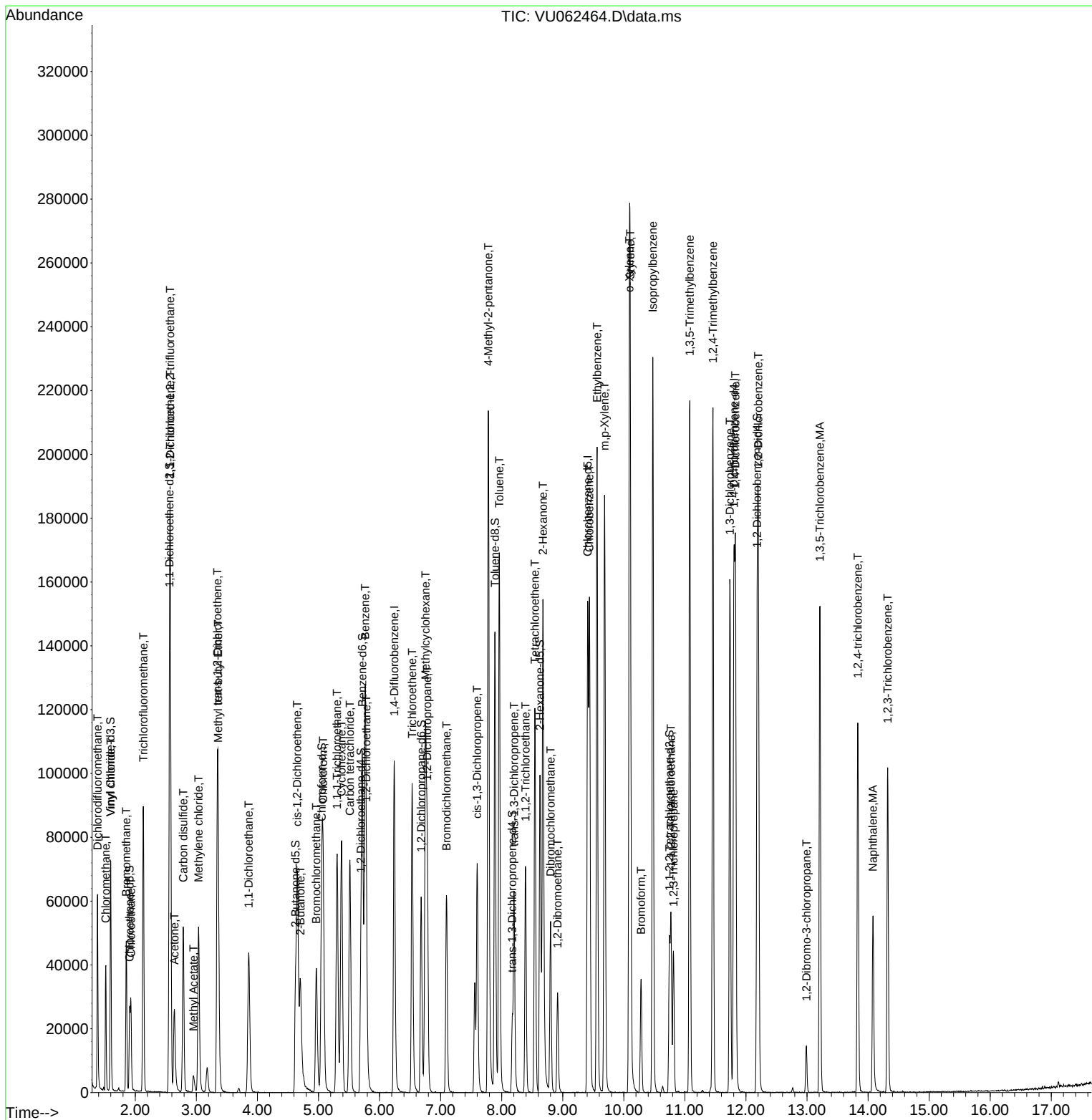
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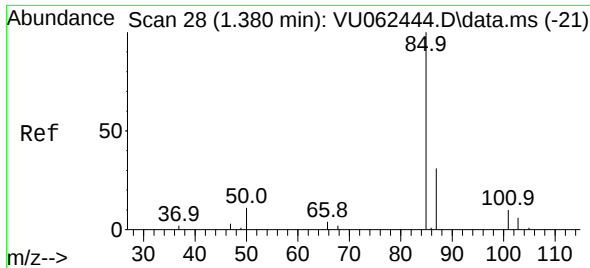
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37549	4.739	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	58139	5.011	ug/L	95
30) Cyclohexane	5.377	56	37992	4.038	ug/L	90
31) Carbon tetrachloride	5.515	117	52949	4.977	ug/L	98
33) Benzene	5.766	78	111467	4.361	ug/L	100
34) Trichloroethene	6.534	95	34372	4.747	ug/L	95
35) Methylcyclohexane	6.753	83	46358	4.318	ug/L	95
37) 1,2-Dichloropropane	6.782	63	27422	4.405	ug/L #	93
38) Bromodichloromethane	7.097	83	42754	4.868	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	44995	4.510	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	126101	43.225	ug/L #	93
42) Toluene	7.962	91	127281	4.618	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	38577	4.735	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	21271	4.527	ug/L	95
47) Tetrachloroethene	8.544	164	27193	4.864	ug/L	92
48) 2-Hexanone	8.676	43	91091	42.250	ug/L #	96
49) Dibromochloromethane	8.801	129	28118	4.953	ug/L	96
50) 1,2-Dibromoethane	8.917	107	20988	4.648	ug/L #	95
51) Chlorobenzene	9.438	112	81400	4.609	ug/L	96
52) Ethylbenzene	9.563	91	142291	4.605	ug/L	100
53) m,p-Xylene	9.685	106	52711	4.620	ug/L	91
54) o-Xylene	10.094	106	52382	4.721	ug/L	97
55) Styrene	10.106	104	86708	4.740	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	24597	4.498	ug/L #	99
59) Bromoform	10.283	173	16854	5.024	ug/L	99
60) Isopropylbenzene	10.476	105	146146	4.739	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	18139	4.595	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	123421	4.730	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	119690	4.681	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	67529	4.767	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	67255	4.715	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	61926	4.731	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	4414	5.127	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	49665	4.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	36304	4.367	ug/L	97
71) Naphthalene	14.081	128	50760	4.066	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	31462	4.291	ug/L	98

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

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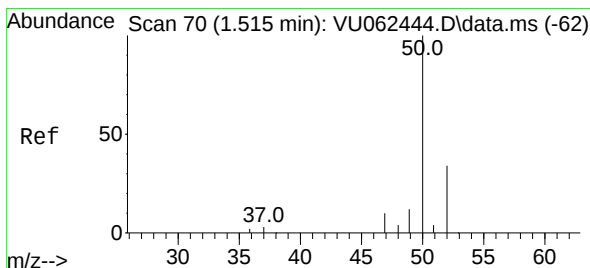
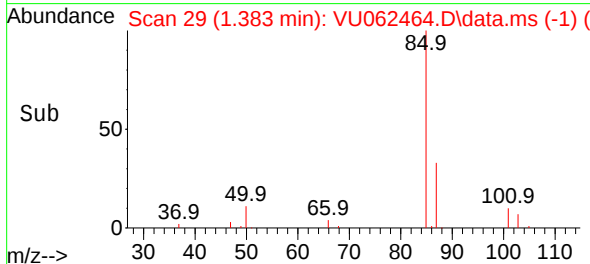
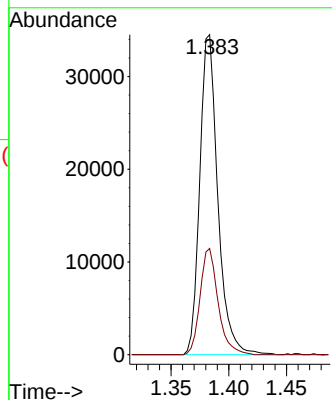
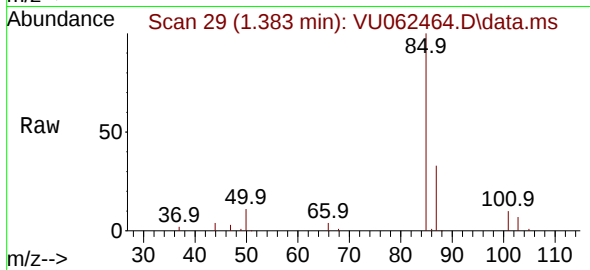




#2
Dichlorodifluoromethane
Concen: 4.589 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

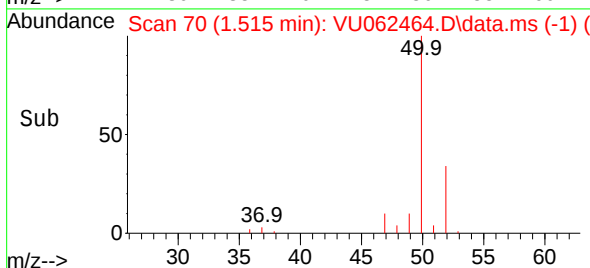
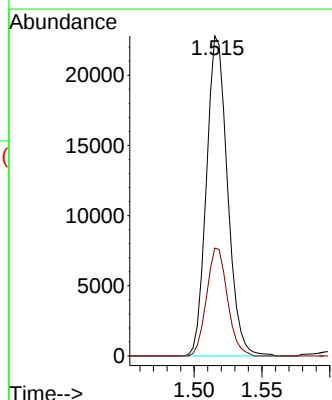
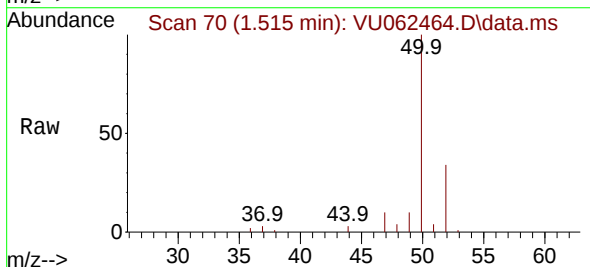
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MSVOA_U
ClientSampleId :

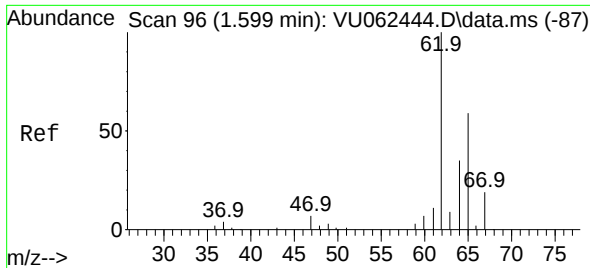
Tgt Ion: 85 Resp: 37414
Ion Ratio Lower Upper
85 100
87 33.1 26.6 40.0



#3
Chloromethane
Concen: 3.854 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 50 Resp: 24630
Ion Ratio Lower Upper
50 100
52 33.7 23.1 42.9

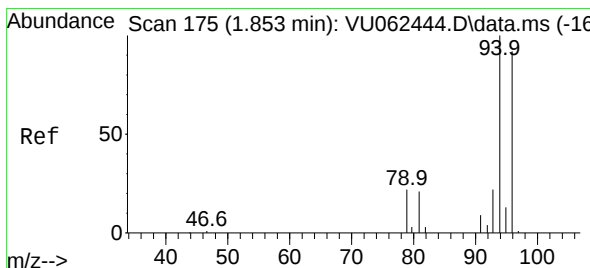
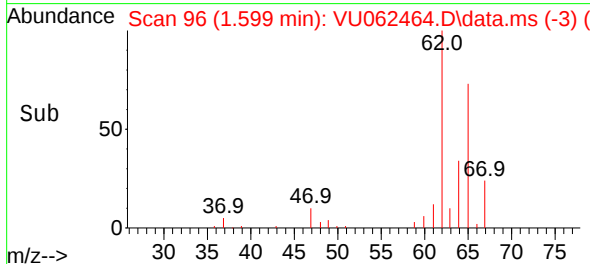
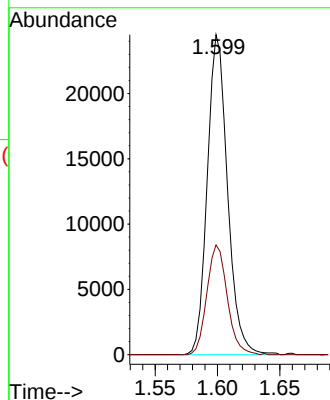
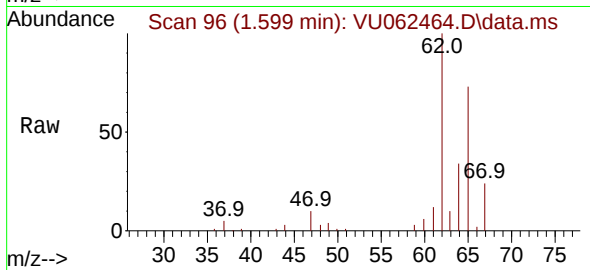




#5
 Vinyl chloride
 Concen: 4.163 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

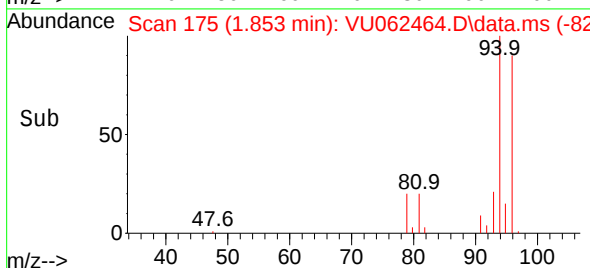
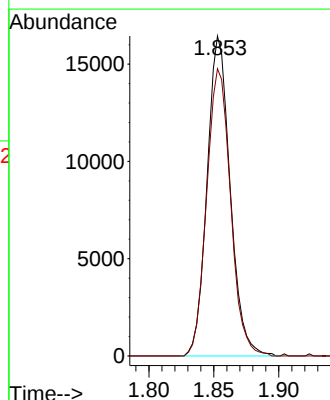
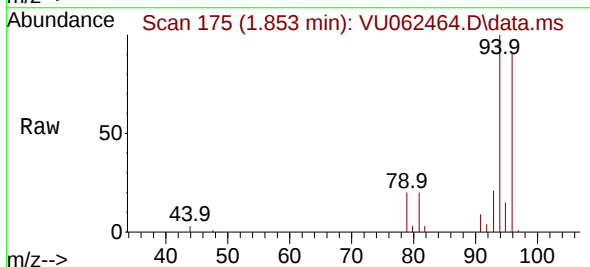
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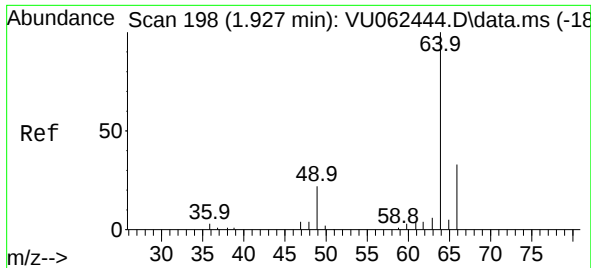
Tgt Ion: 62 Resp: 27702
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.1 42.9



#6
 Bromomethane
 Concen: 4.584 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

Tgt Ion: 94 Resp: 20331
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.5 119.9

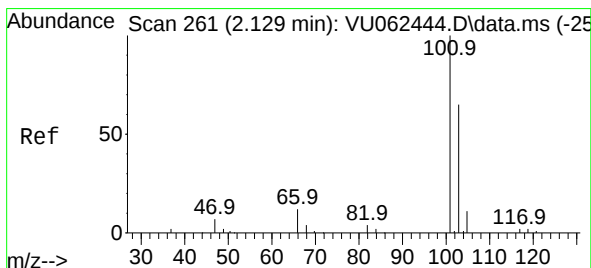
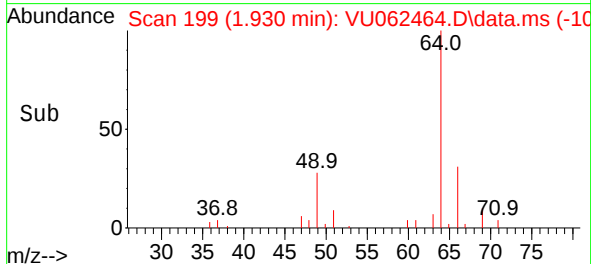
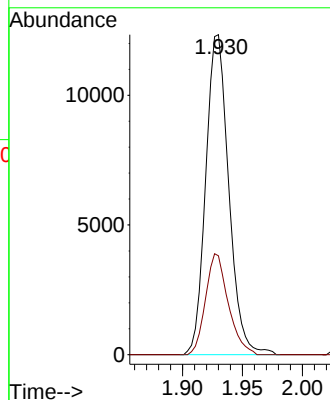
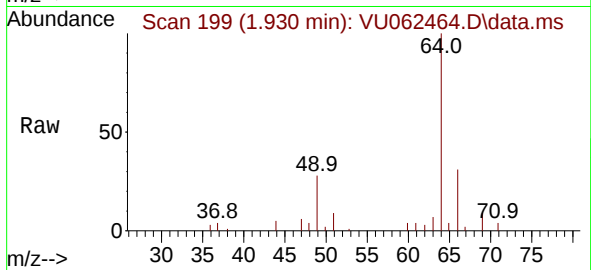




#8
Chloroethane
Concen: 4.419 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

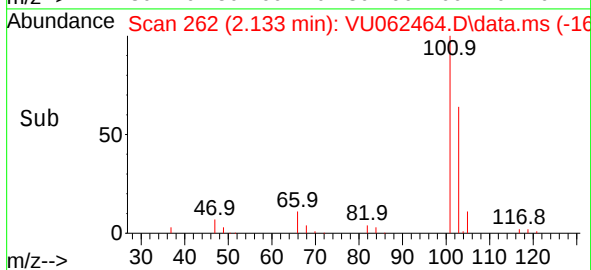
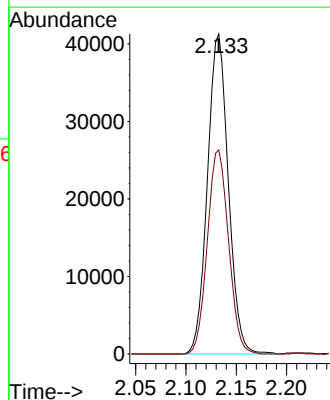
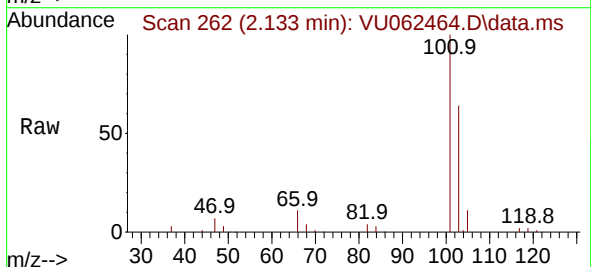
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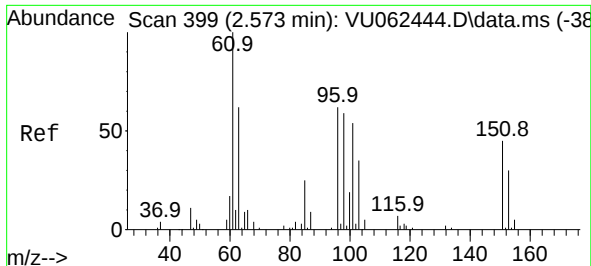
Tgt Ion: 64 Resp: 16470
Ion Ratio Lower Upper
64 100
66 30.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.159 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:101 Resp: 59588
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

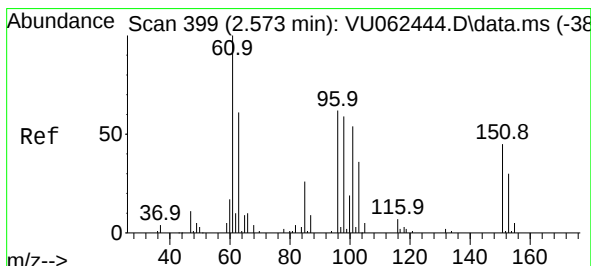
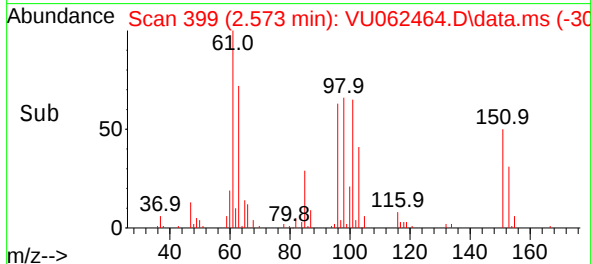
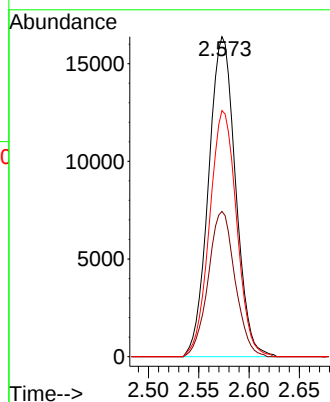
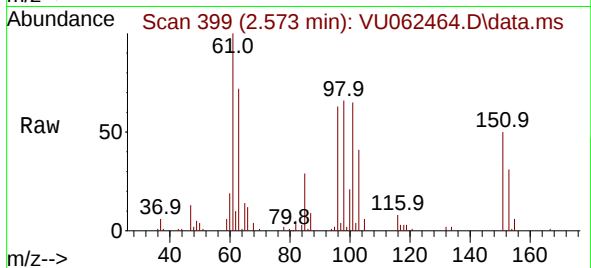




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.864 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

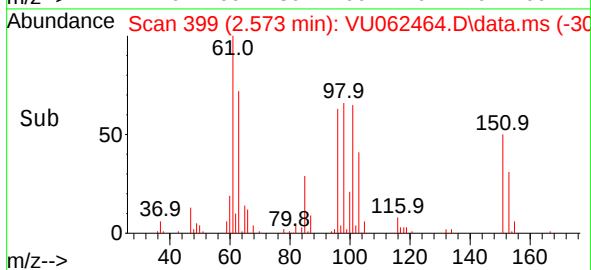
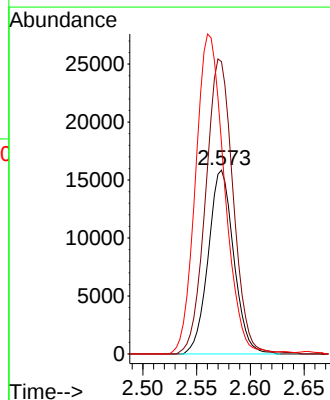
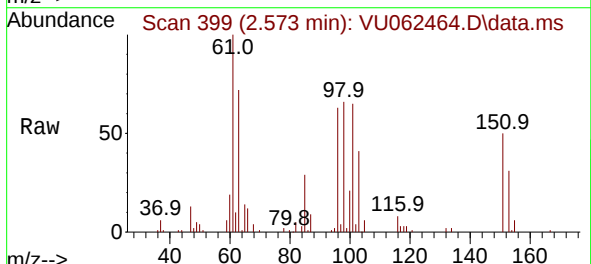
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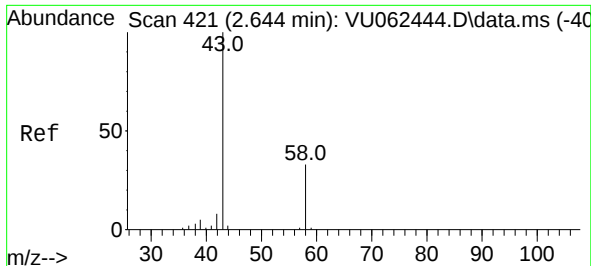
Tgt Ion:101 Resp: 30579
 Ion Ratio Lower Upper
 101 100
 85 45.1 38.0 57.0
 151 77.2 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.447 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

Tgt Ion: 96 Resp: 26137
 Ion Ratio Lower Upper
 96 100
 61 159.0 119.6 222.2
 63 114.8 65.0 120.6





#13

Acetone

Concen: 44.587 ug/L

RT: 2.641 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

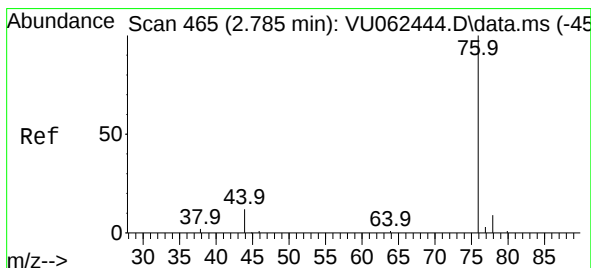
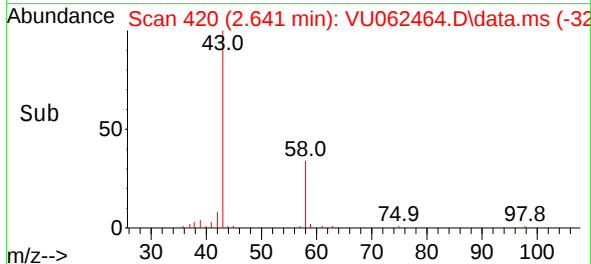
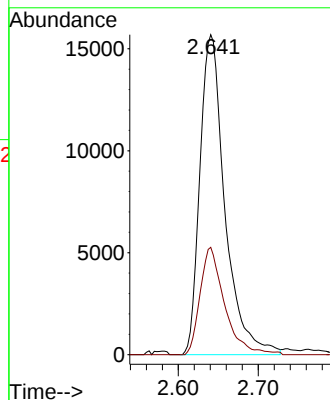
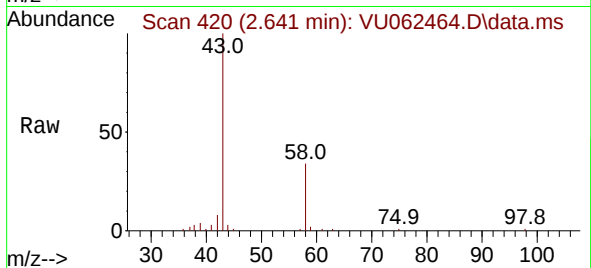
ClientSampleId :

Tgt Ion: 43 Resp: 34159

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.0



#14

Carbon disulfide

Concen: 3.847 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062464.D

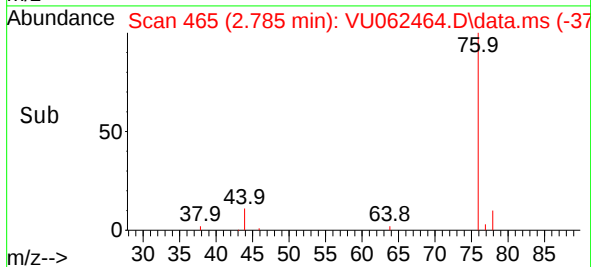
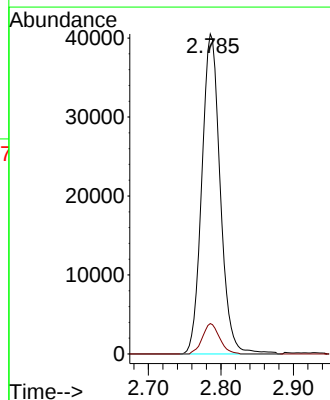
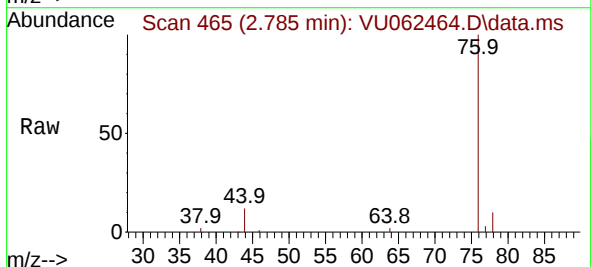
Acq: 19 Dec 2024 10:03

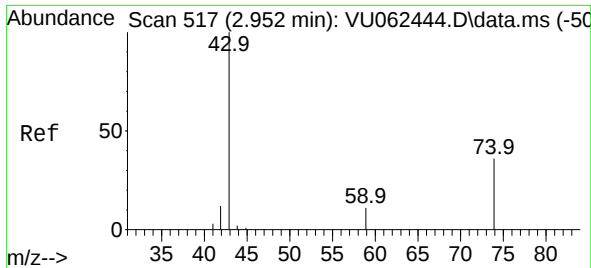
Tgt Ion: 76 Resp: 71493

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 3.863 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

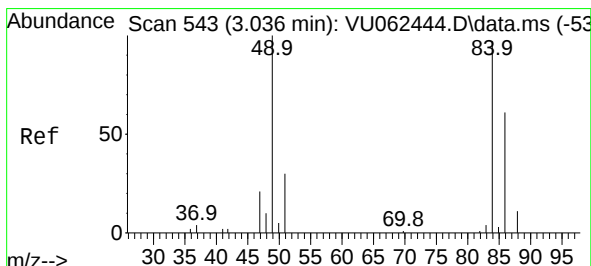
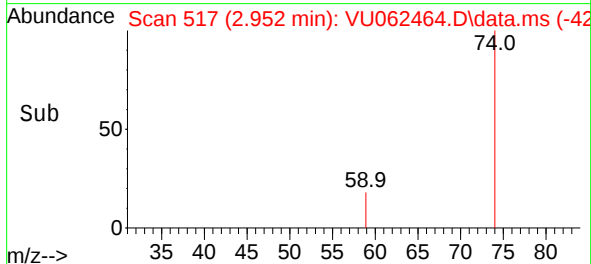
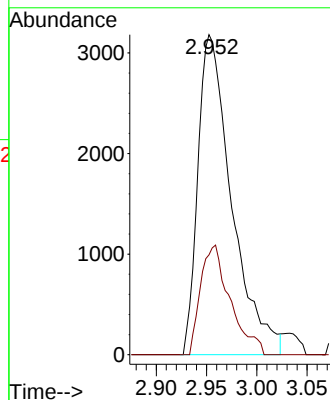
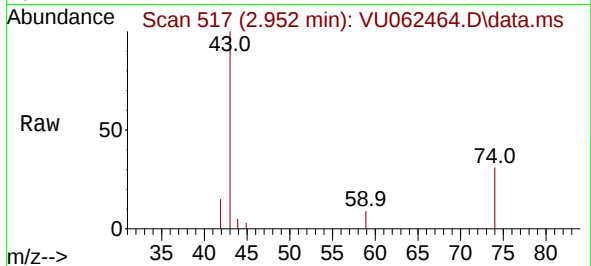
ClientSampleId :

Tgt Ion: 43 Resp: 7418

Ion Ratio Lower Upper

43 100

74 30.0 19.4 29.2#



#16

Methylene chloride

Concen: 4.436 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

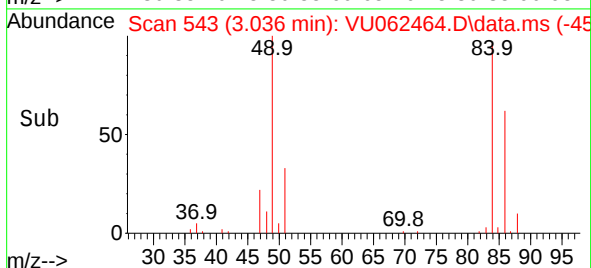
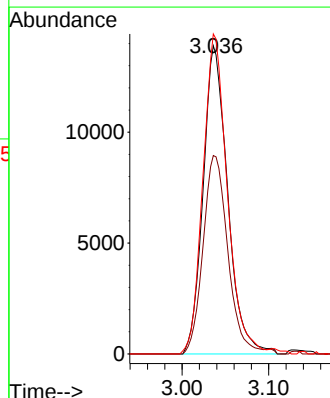
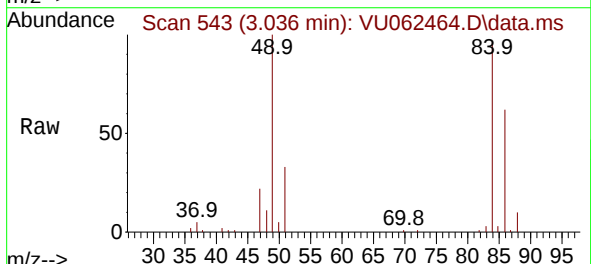
Tgt Ion: 84 Resp: 27369

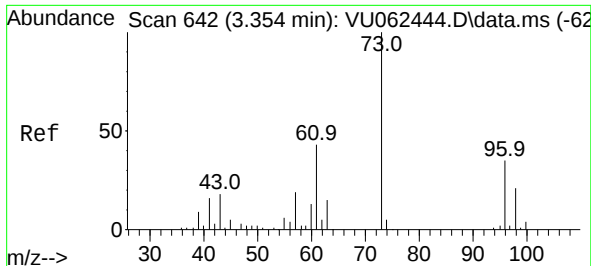
Ion Ratio Lower Upper

84 100

86 64.4 43.5 80.7

49 103.8 81.9 152.1

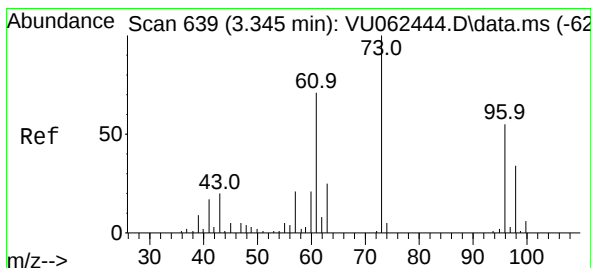
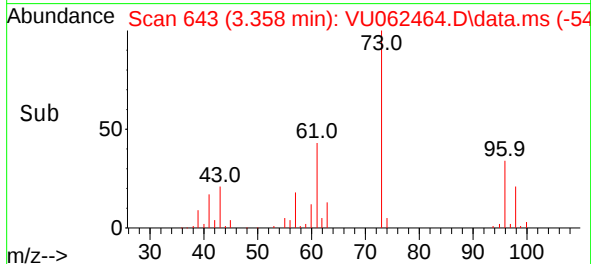
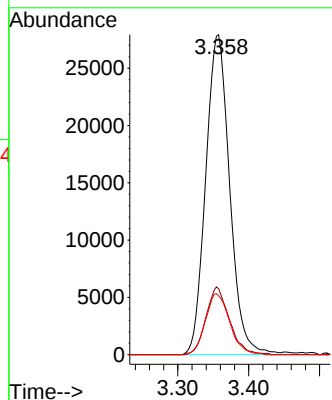
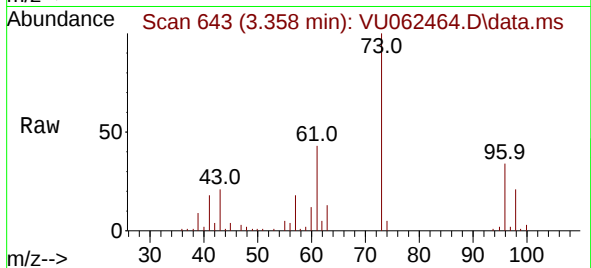




#17
Methyl tert-butyl Ether
Concen: 4.490 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

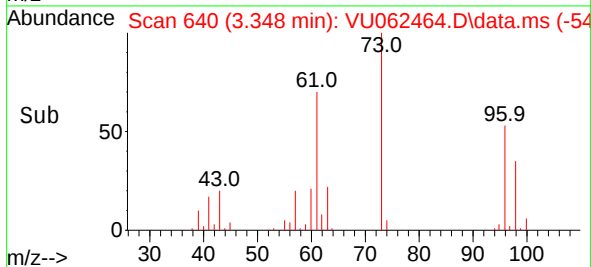
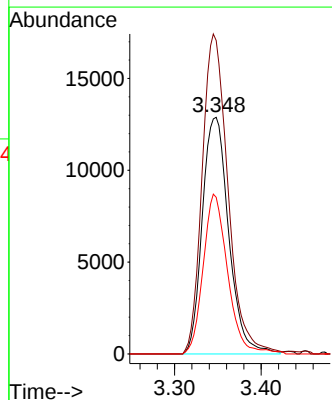
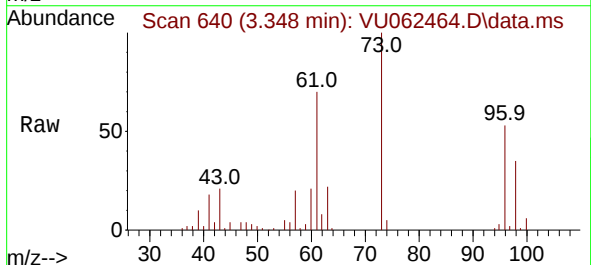
Instrument :
MSVOA_U
ClientSampleId :

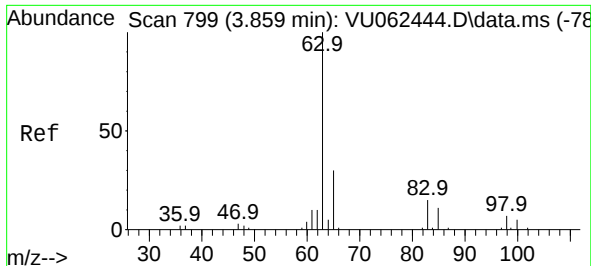
Tgt Ion: 73 Resp: 65739
Ion Ratio Lower Upper
73 100
43 20.7 16.3 24.5
57 19.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.512 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 96 Resp: 27246
Ion Ratio Lower Upper
96 100
61 132.4 104.2 193.4
98 66.2 45.7 84.9

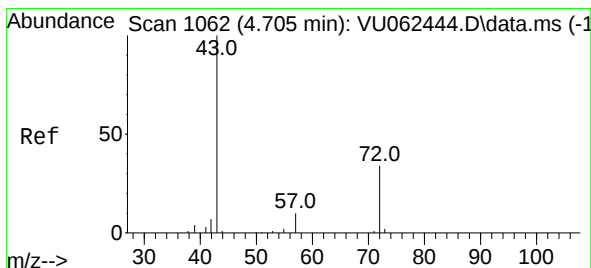
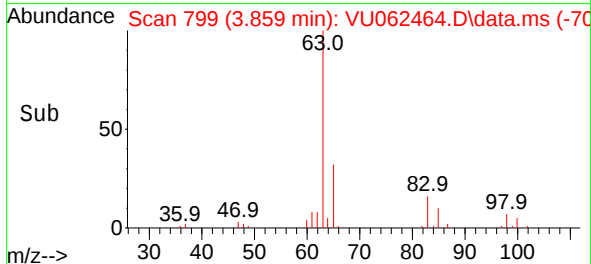
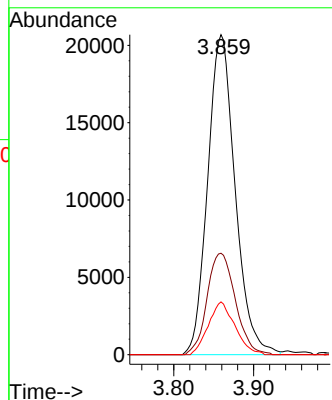
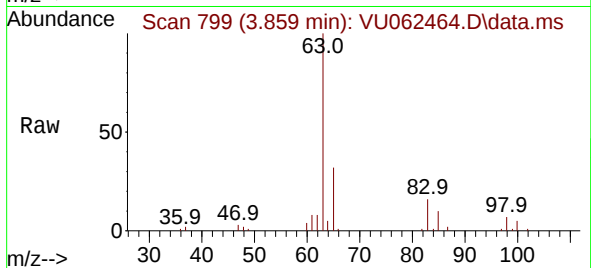




#19
1,1-Dichloroethane
Concen: 4.459 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

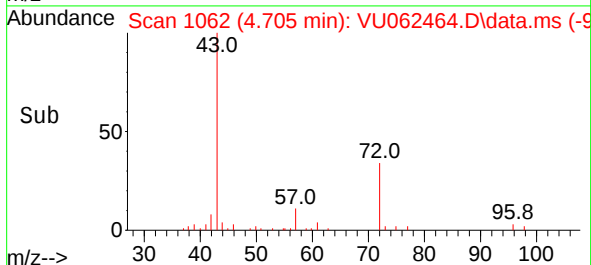
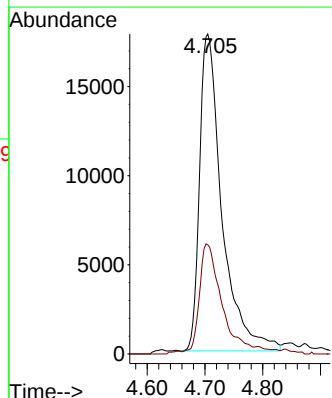
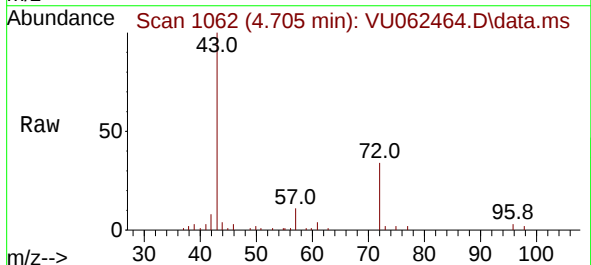
Instrument :
MSVOA_U
ClientSampleId :

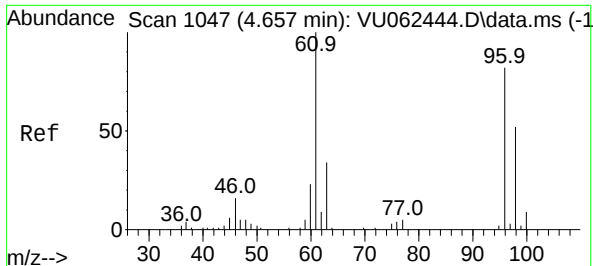
Tgt Ion: 63 Resp: 49349
Ion Ratio Lower Upper
63 100
65 31.7 22.7 42.3
83 16.5 9.9 18.3



#21
2-Butanone
Concen: 43.062 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

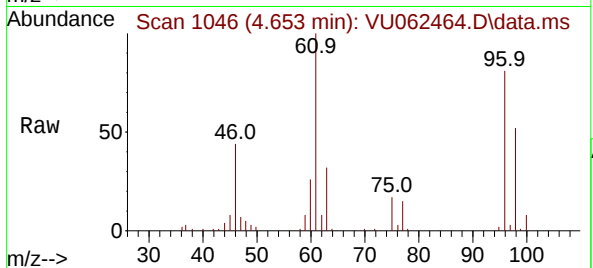
Tgt Ion: 43 Resp: 47910
Ion Ratio Lower Upper
43 100
72 32.8 14.8 44.4



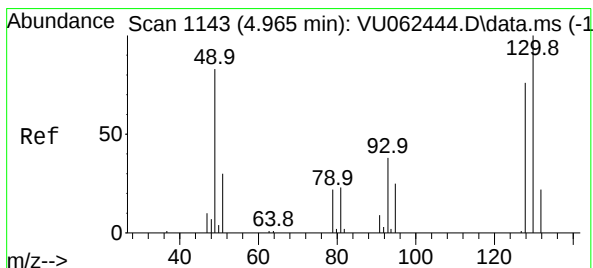
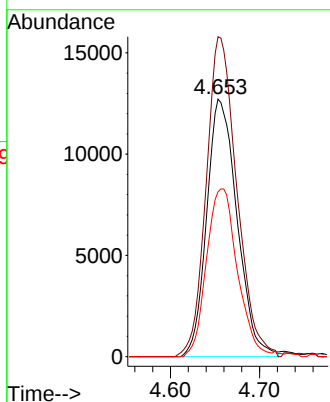
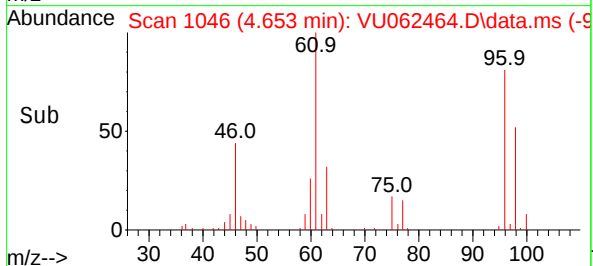


#22
 cis-1,2-Dichloroethene
 Concen: 4.451 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

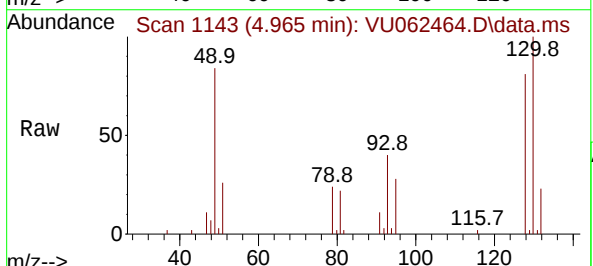
Instrument :
 MSVOA_U
 ClientSampleId :



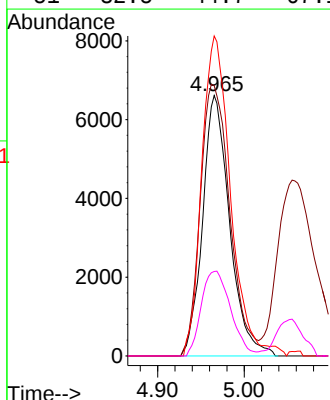
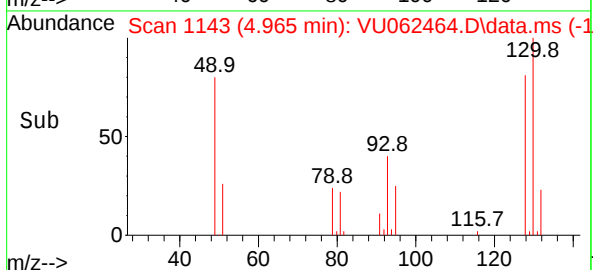
Tgt Ion: 96	Resp: 30124
Ion Ratio	Lower Upper
96	100
61	124.2 92.0 170.8
98	64.0 44.5 82.7

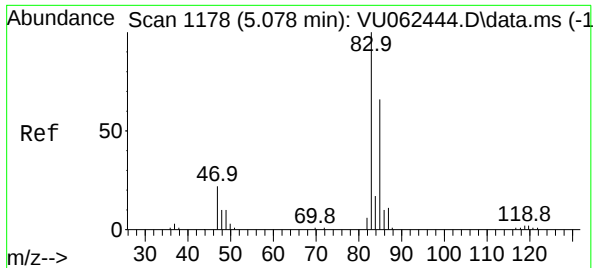


#23
 Bromochloromethane
 Concen: 4.829 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03



Tgt Ion: 128	Resp: 14328
Ion Ratio	Lower Upper
128	100
49	103.8 115.3 214.1#
130	122.8 92.0 170.8
51	32.5 44.7 67.1#

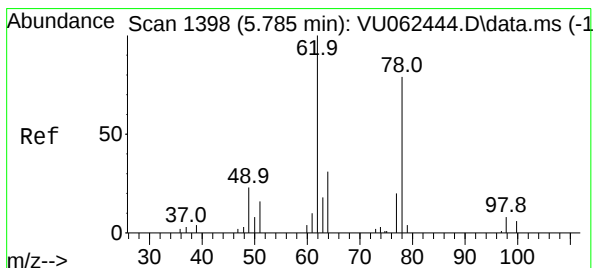
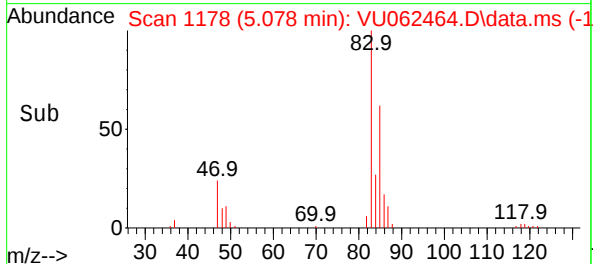
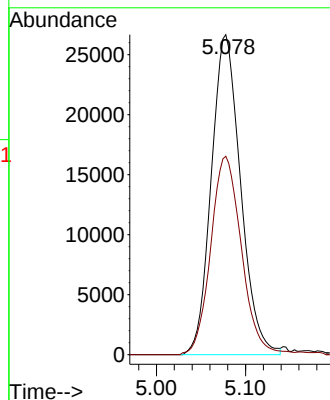
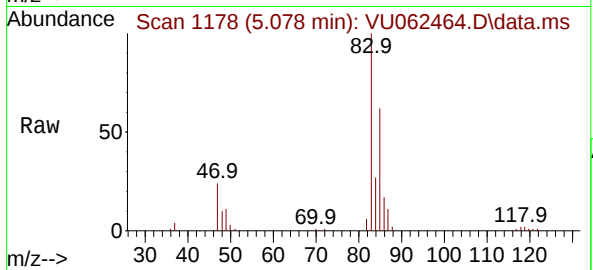




#25
Chloroform
Concen: 4.890 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

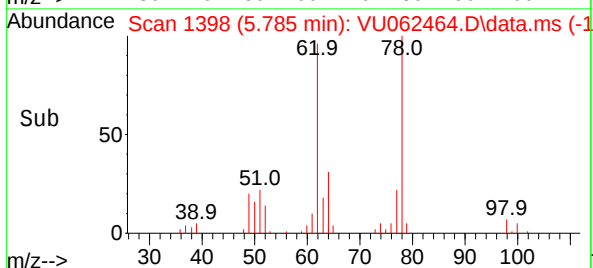
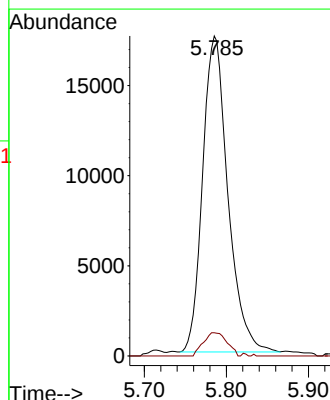
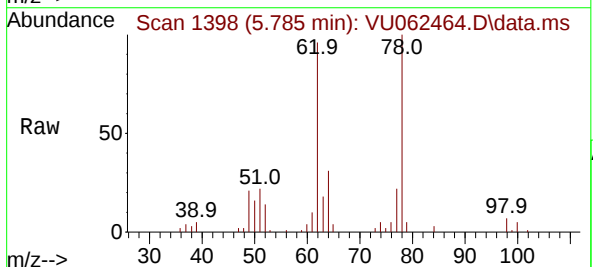
Instrument :
MSVOA_U
ClientSampleId :

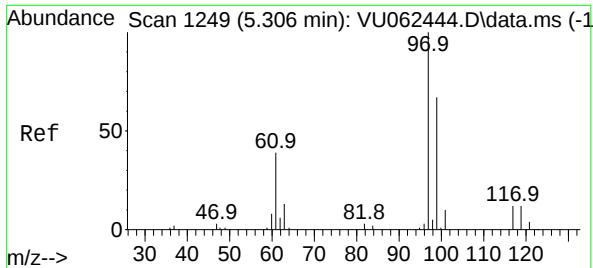
Tgt Ion: 83 Resp: 60971
Ion Ratio Lower Upper
83 100
85 62.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.739 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 62 Resp: 37549
Ion Ratio Lower Upper
62 100
98 7.2 7.4 11.0#

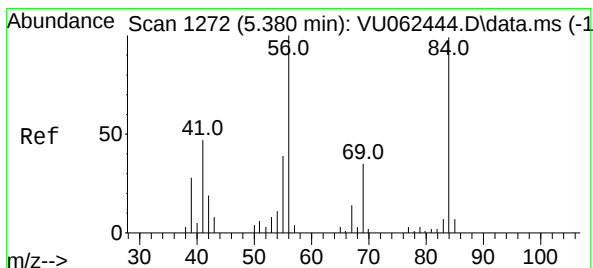
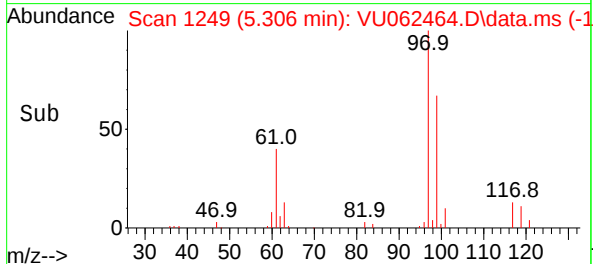
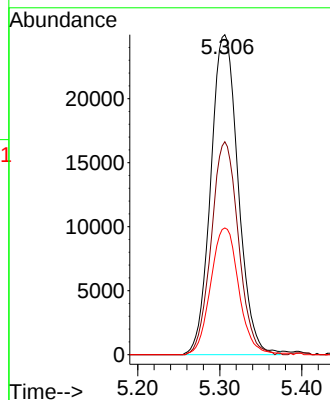
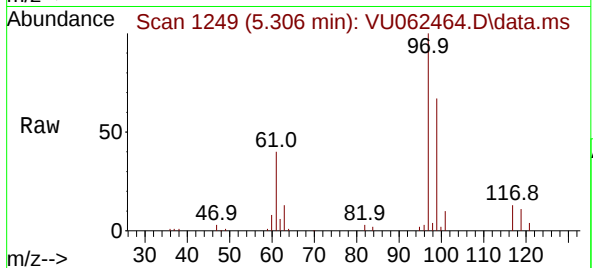




#29
1,1,1-Trichloroethane
Concen: 5.011 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

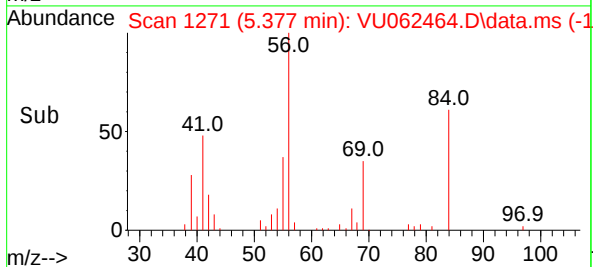
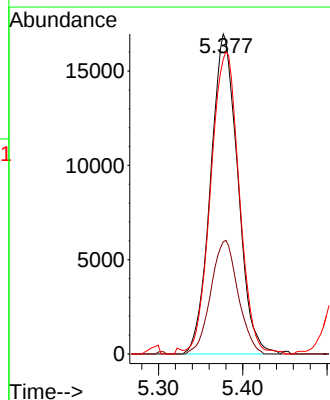
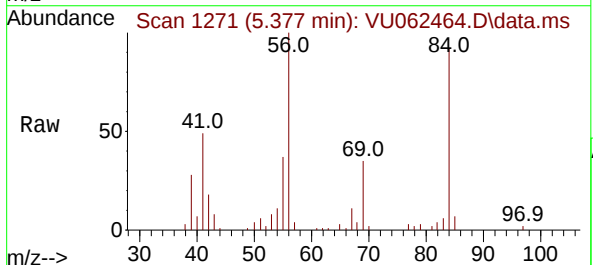
Instrument :
MSVOA_U
ClientSampleId :

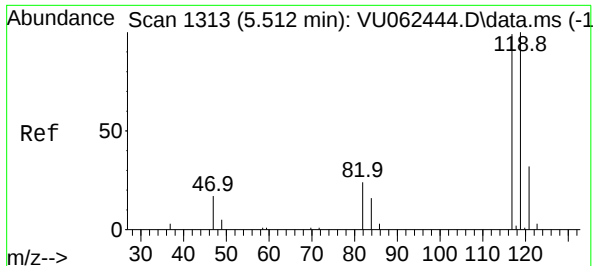
Tgt Ion:	97	Resp:	58139
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.4	77.2
61	40.7	37.8	56.6



#30
Cyclohexane
Concen: 4.038 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:	56	Resp:	37992
Ion	Ratio	Lower	Upper
56	100		
69	35.5	25.1	37.7
84	98.5	70.6	105.8





#31

Carbon tetrachloride

Concen: 4.977 ug/L

RT: 5.515 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

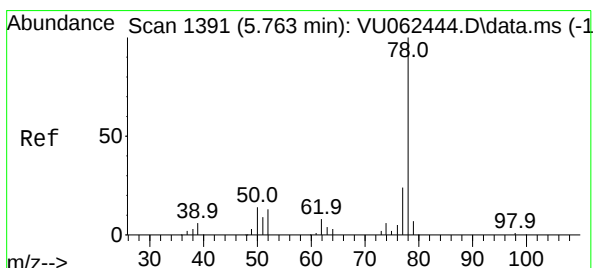
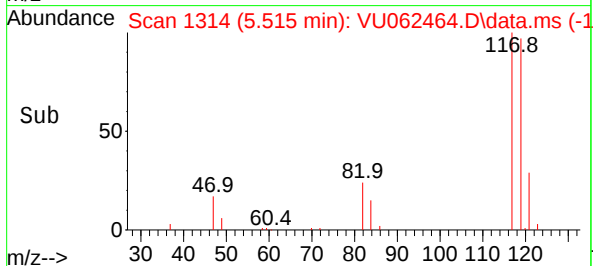
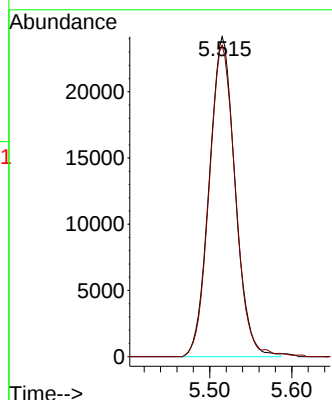
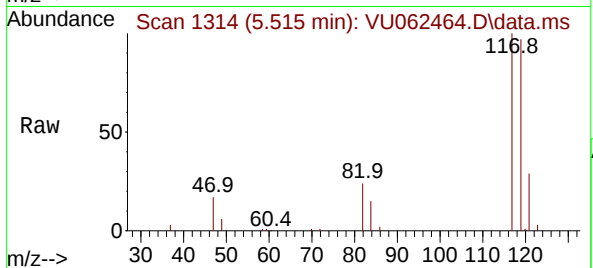
ClientSampleId :

Tgt Ion:117 Resp: 52949

Ion Ratio Lower Upper

117 100

119 98.5 77.5 116.3



#33

Benzene

Concen: 4.361 ug/L

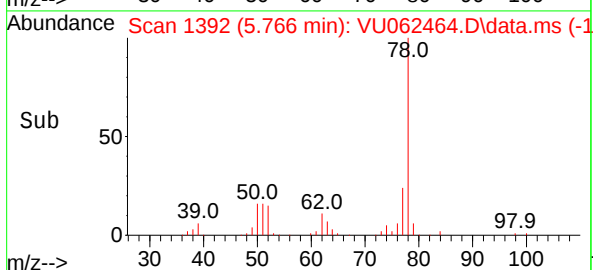
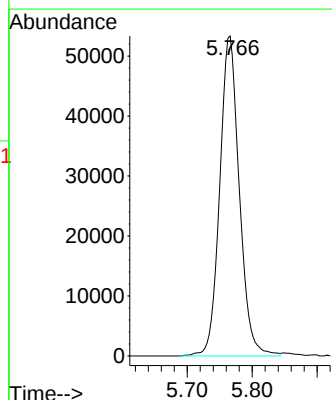
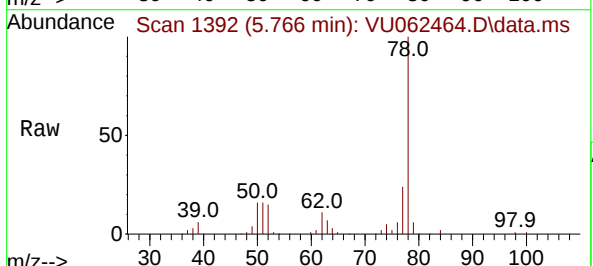
RT: 5.766 min Scan# 1392

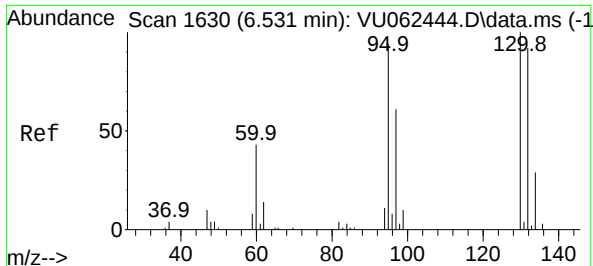
Delta R.T. 0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Tgt Ion: 78 Resp: 111467





#34

Trichloroethene

Concen: 4.747 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 34372

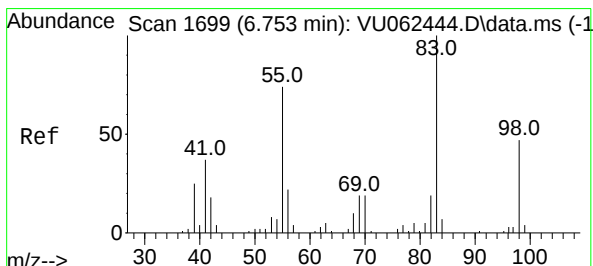
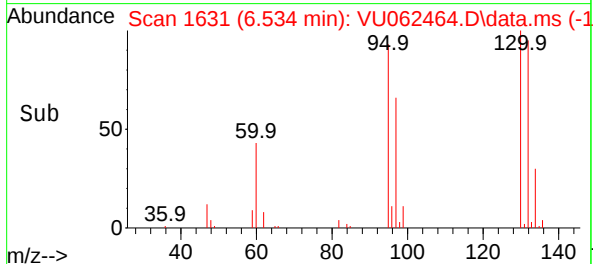
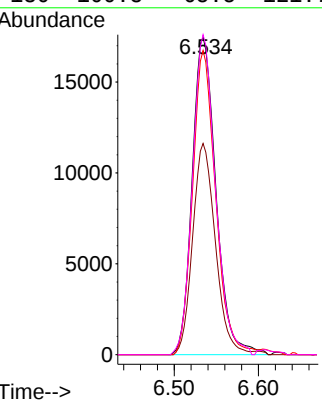
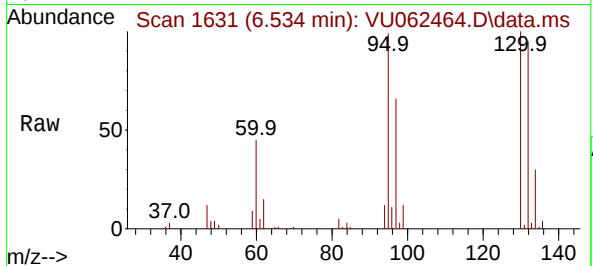
Ion Ratio Lower Upper

95 100

97 66.6 45.9 85.3

132 95.8 63.8 118.4

130 100.8 65.5 121.7



#35

Methylcyclohexane

Concen: 4.318 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

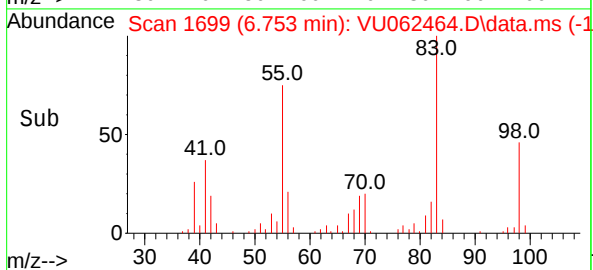
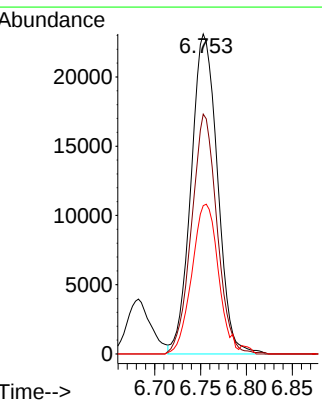
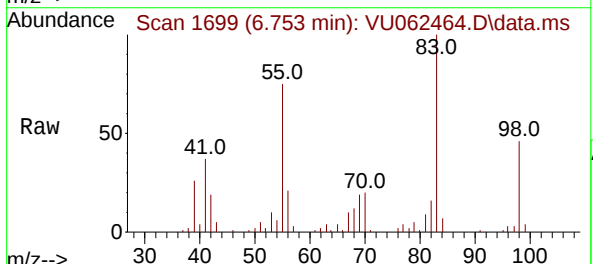
Tgt Ion: 83 Resp: 46358

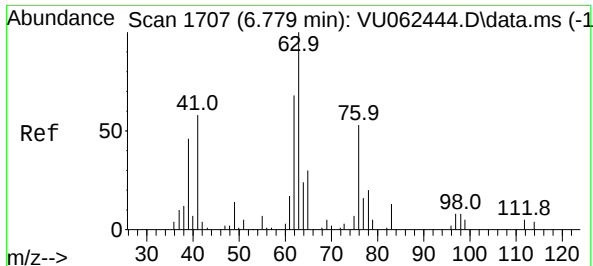
Ion Ratio Lower Upper

83 100

55 72.1 60.7 91.1

98 46.8 34.8 52.2

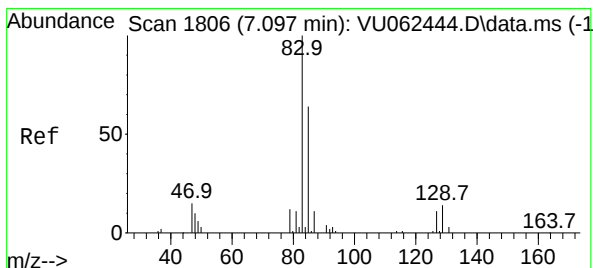
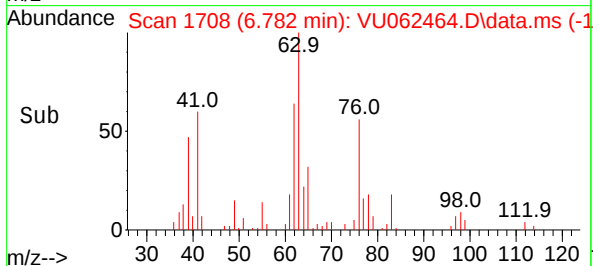
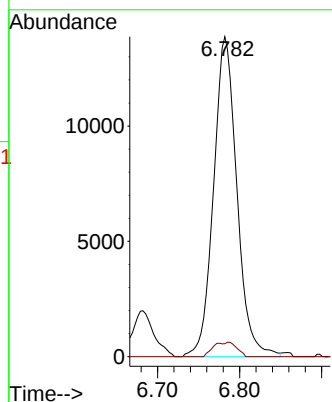
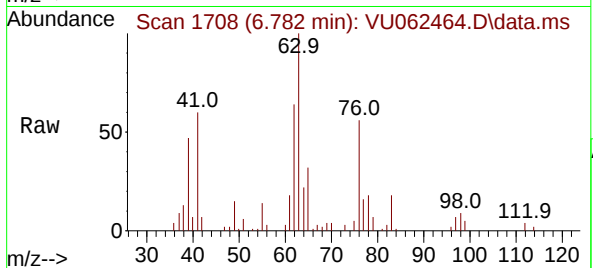




#37
1,2-Dichloropropane
Concen: 4.405 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

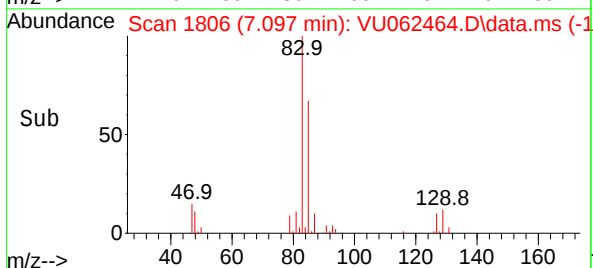
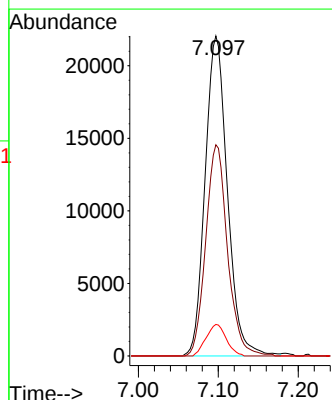
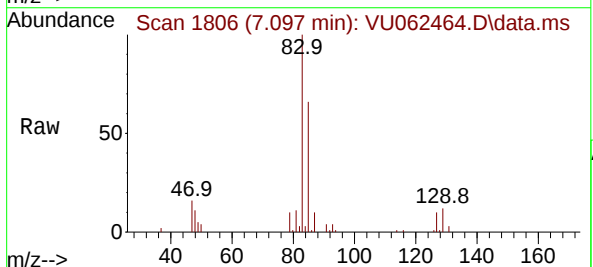
Instrument :
MSVOA_U
ClientSampleId :

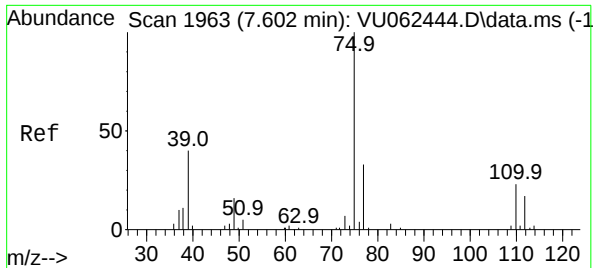
Tgt Ion: 63 Resp: 27422
Ion Ratio Lower Upper
63 100
112 2.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 4.868 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 83 Resp: 42754
Ion Ratio Lower Upper
83 100
85 66.0 44.1 81.9
127 9.8 6.9 10.3

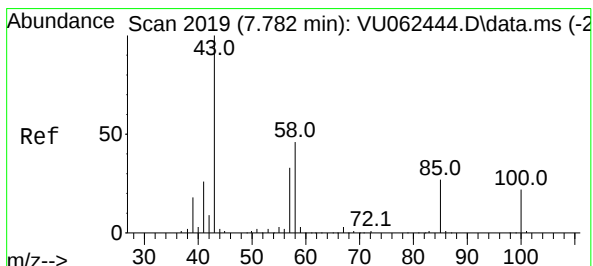
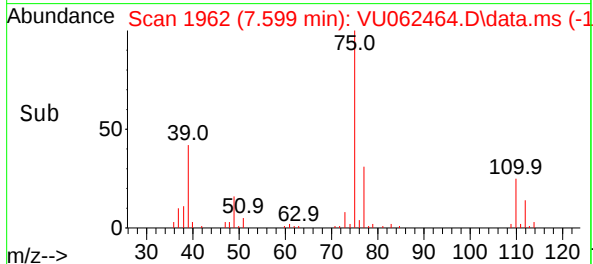
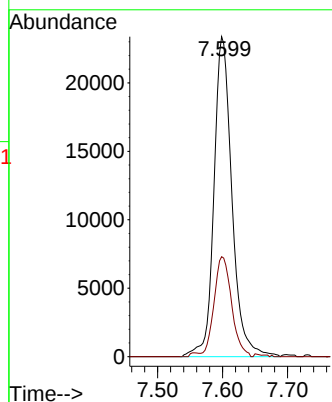
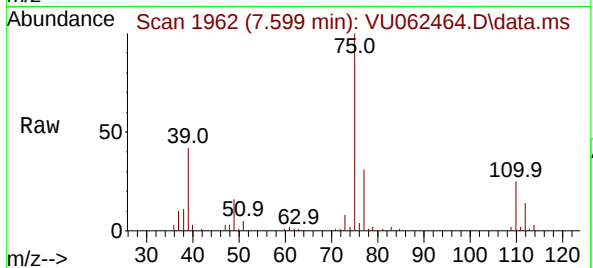




#39
 cis-1,3-Dichloropropene
 Concen: 4.510 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

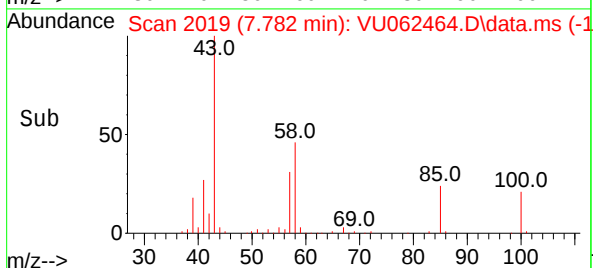
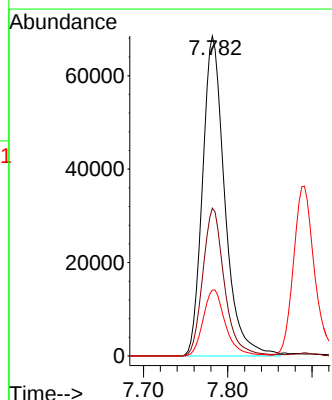
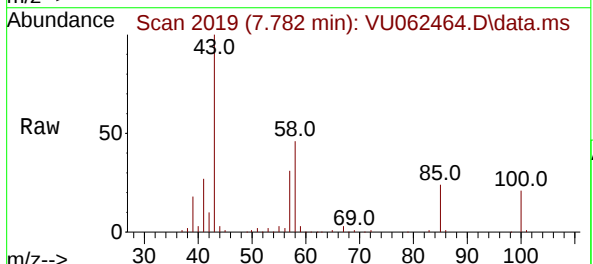
Instrument :
 MSVOA_U
 ClientSampleId :

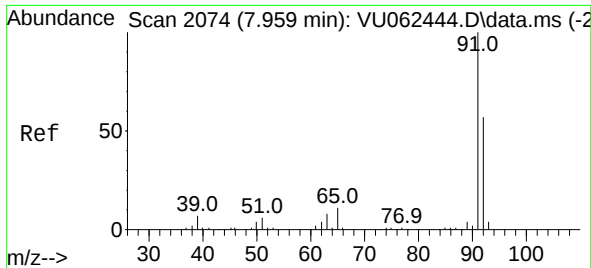
Tgt Ion: 75 Resp: 44995
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 43.225 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

Tgt Ion: 43 Resp: 126101
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.3 49.9
 100 20.7 12.4 18.6#





#42

Toluene

Concen: 4.618 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

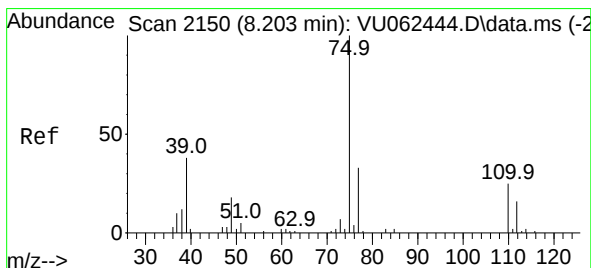
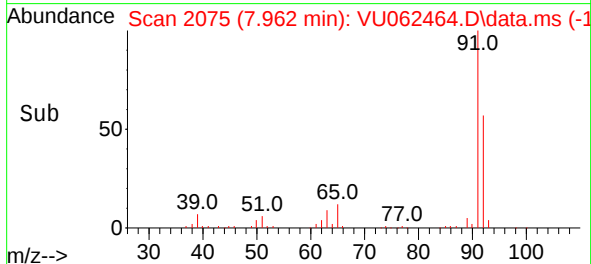
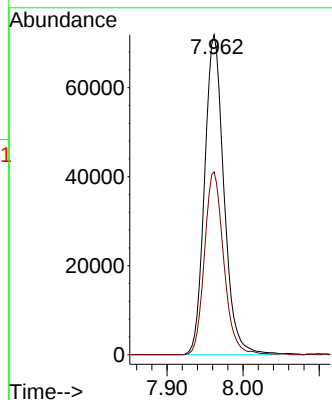
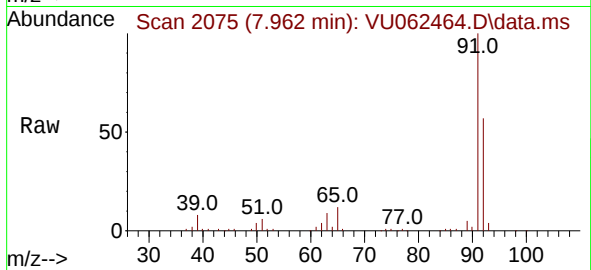
ClientSampleId :

Tgt Ion: 91 Resp: 127281

Ion Ratio Lower Upper

91 100

92 57.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.735 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062464.D

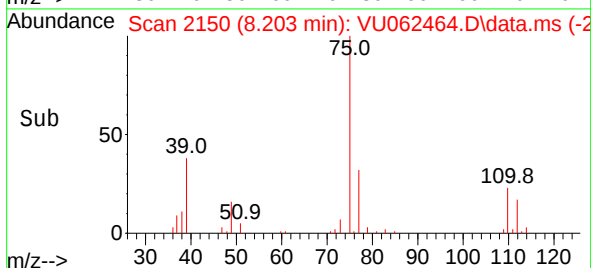
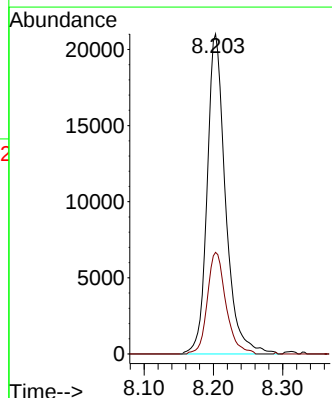
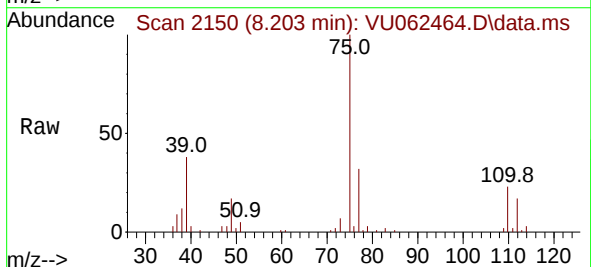
Acq: 19 Dec 2024 10:03

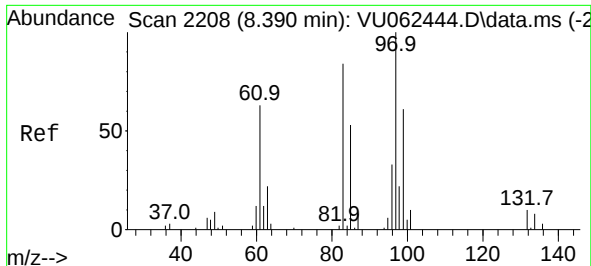
Tgt Ion: 75 Resp: 38577

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



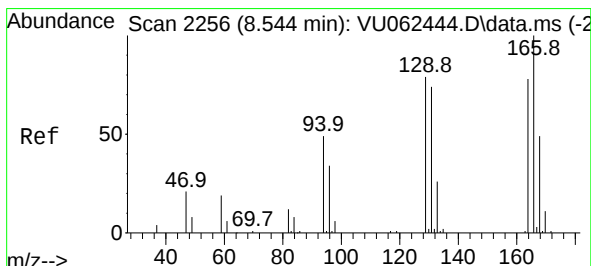
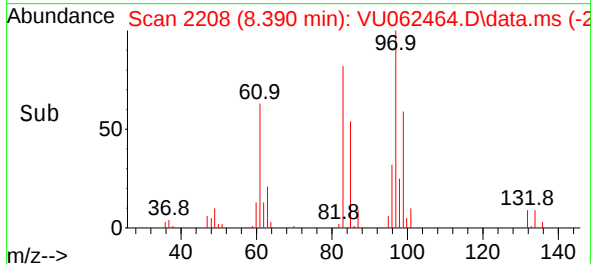
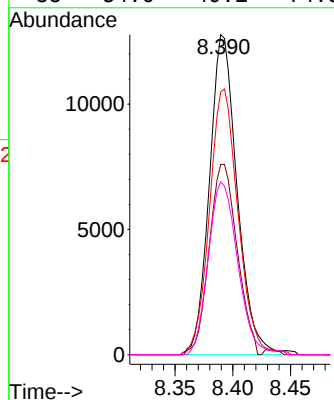
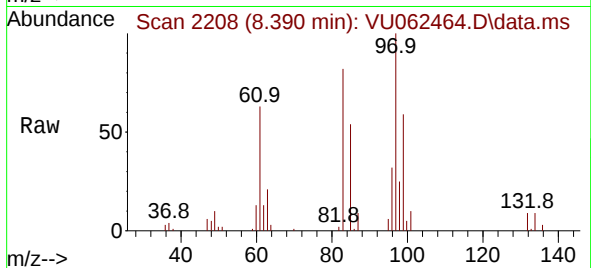


#45
1,1,2-Trichloroethane
Concen: 4.527 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 21271

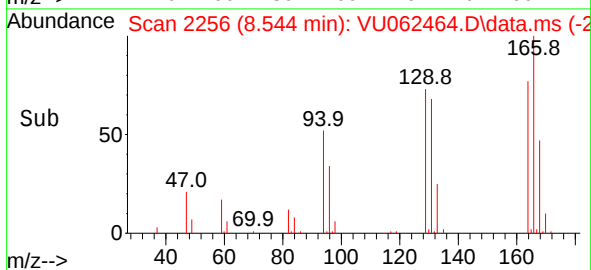
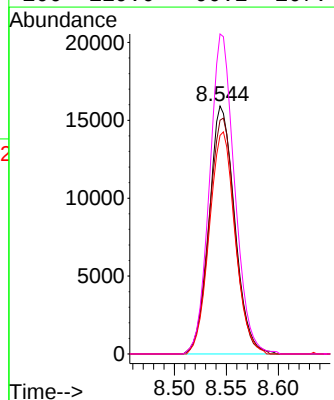
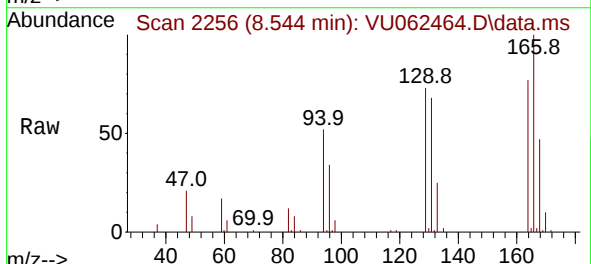
Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.0	79.8
83	82.1	61.7	114.5
85	54.0	40.1	74.5

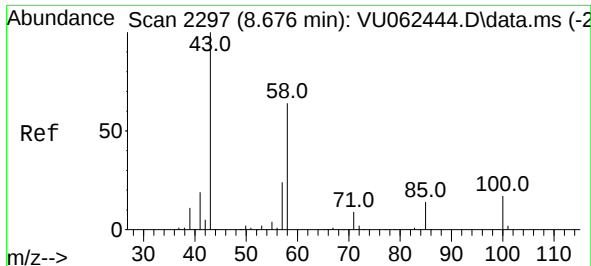


#47
Tetrachloroethene
Concen: 4.864 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 164 Resp: 27193

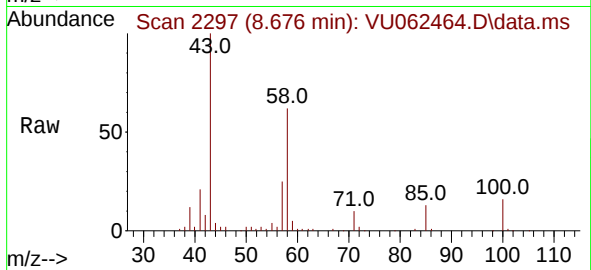
Ion	Ratio	Lower	Upper
164	100		
129	94.2	73.2	136.0
131	88.1	72.3	134.3
166	129.0	90.2	167.4



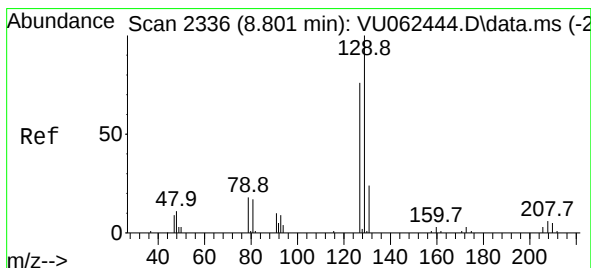
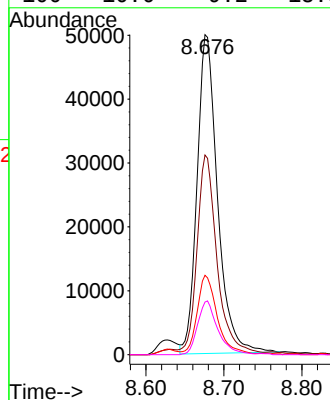
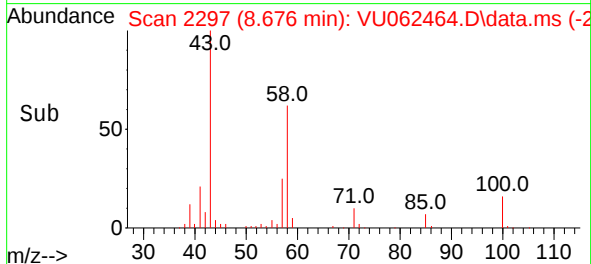


#48
2-Hexanone
Concen: 42.250 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Instrument :
MSVOA_U
ClientSampleId :

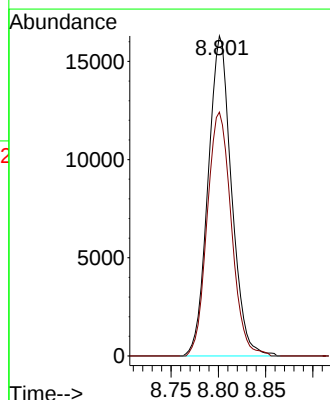
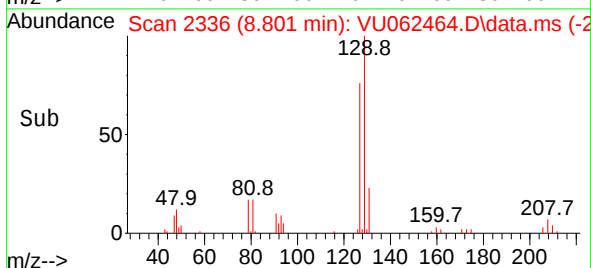
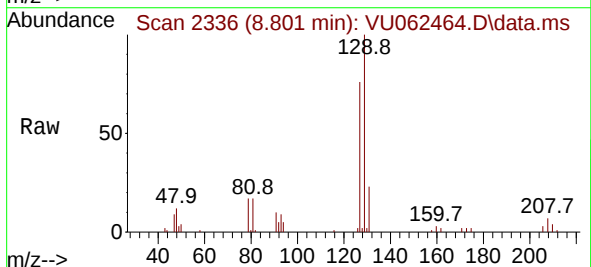


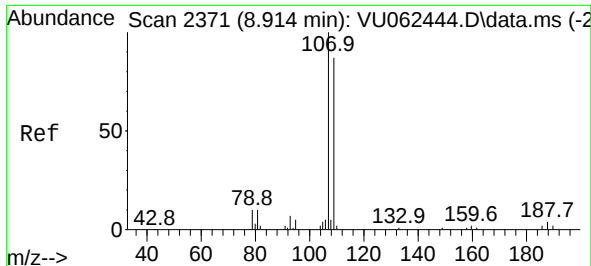
Tgt Ion: 43	Resp: 91091
Ion Ratio	Lower Upper
43	100
58	59.9 47.5 71.3
57	23.8 15.6 23.4#
100	16.6 9.2 13.8#



#49
Dibromochloromethane
Concen: 4.953 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 129	Resp: 28118
Ion Ratio	Lower Upper
129	100
127	76.2 51.1 94.9





#50

1,2-Dibromoethane

Concen: 4.648 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU062464.D

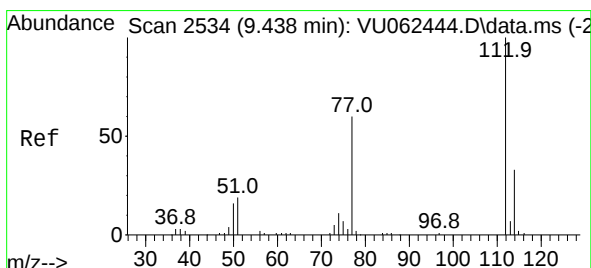
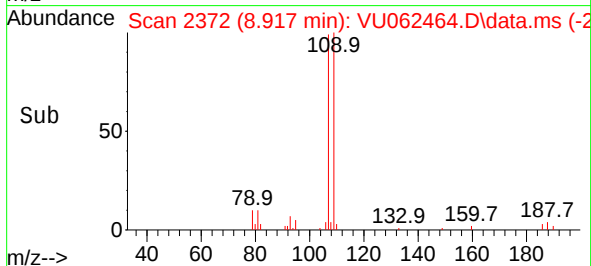
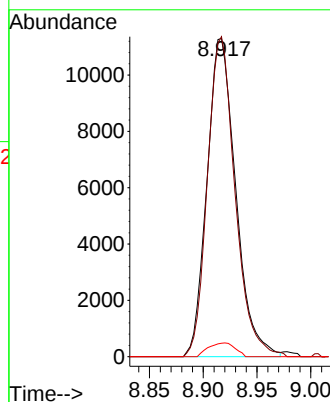
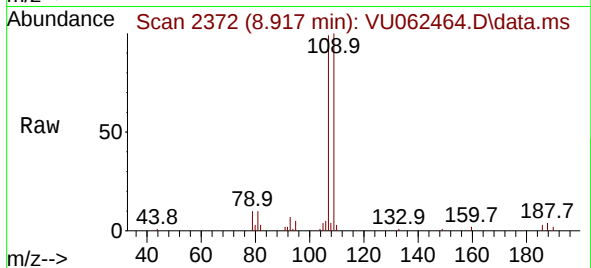
Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	20988
Ion Ratio	Lower	Upper
107	100	
109	100.5	66.8 124.2
188	4.2	2.3 3.5#



#51

Chlorobenzene

Concen: 4.609 ug/L

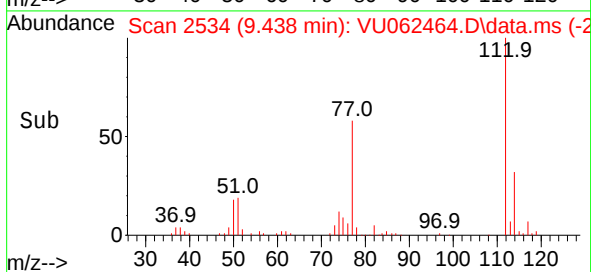
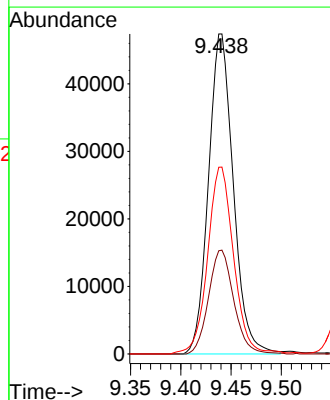
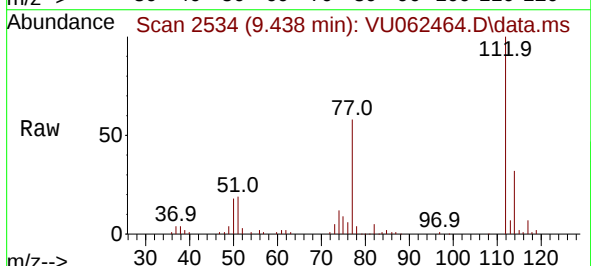
RT: 9.438 min Scan# 2534

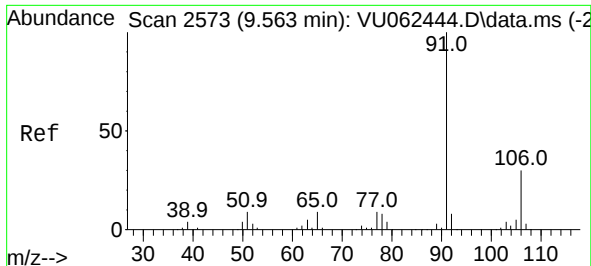
Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Tgt Ion:112	Resp:	81400
Ion Ratio	Lower	Upper
112	100	
114	32.3	23.0 42.6
77	58.4	50.5 75.7





#52

Ethylbenzene

Concen: 4.605 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

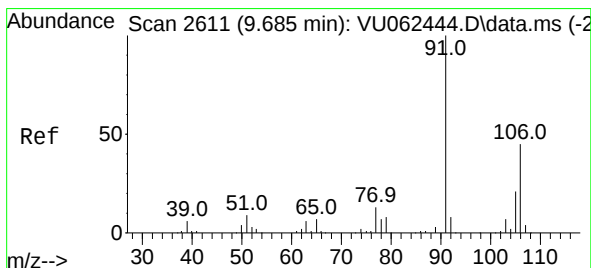
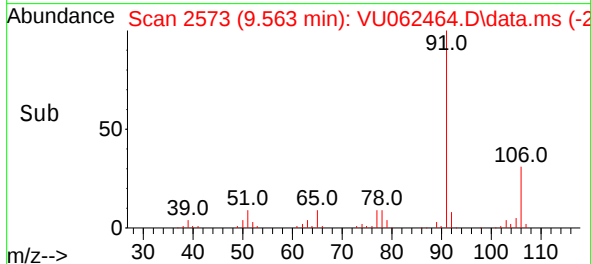
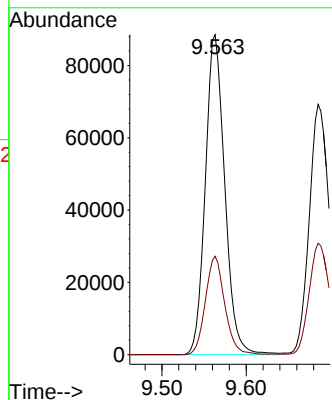
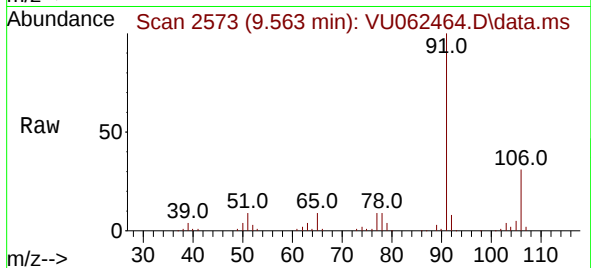
ClientSampleId :

Tgt Ion: 91 Resp: 142291

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 4.620 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU062464.D

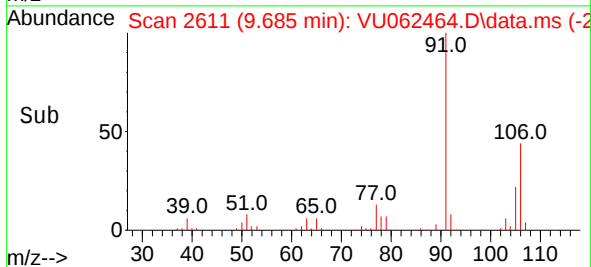
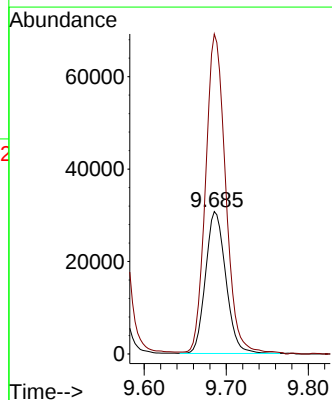
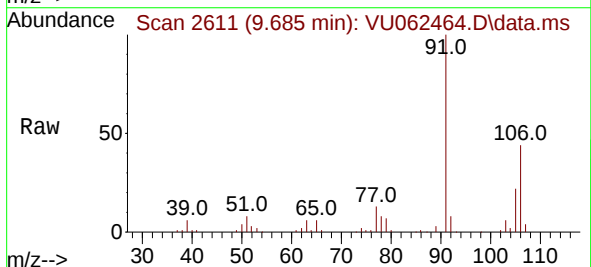
Acq: 19 Dec 2024 10:03

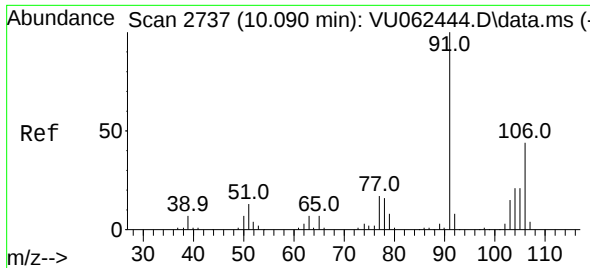
Tgt Ion:106 Resp: 52711

Ion Ratio Lower Upper

106 100

91 224.7 147.6 274.0

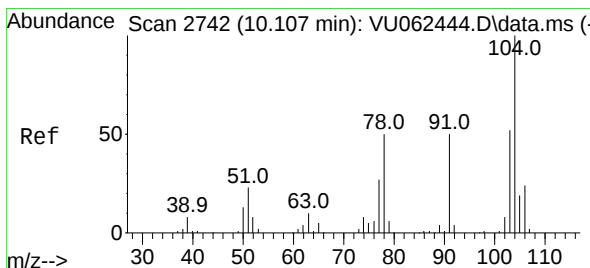
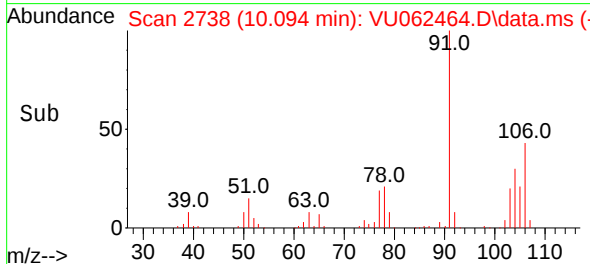
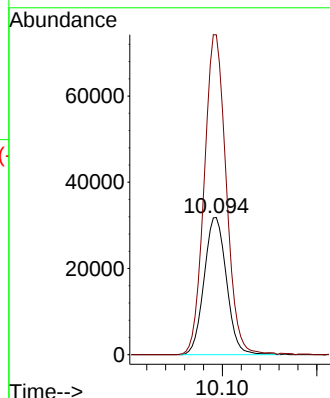
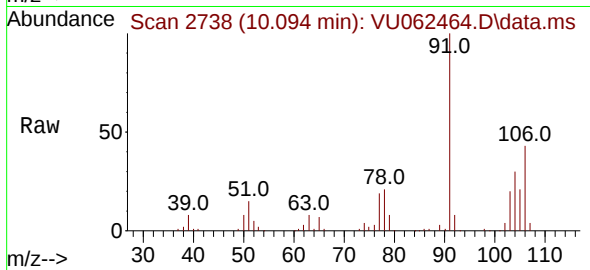




#54
o-Xylene
Concen: 4.721 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

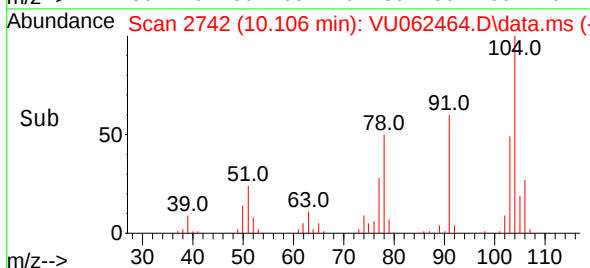
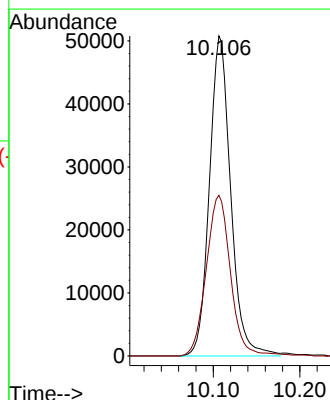
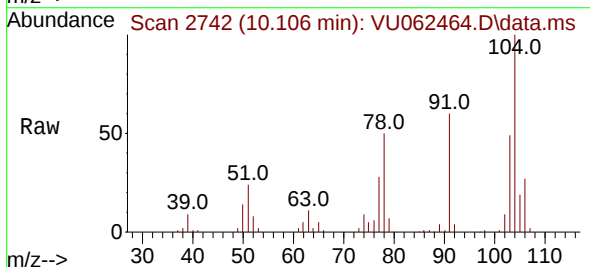
Instrument :
MSVOA_U
ClientSampleId :

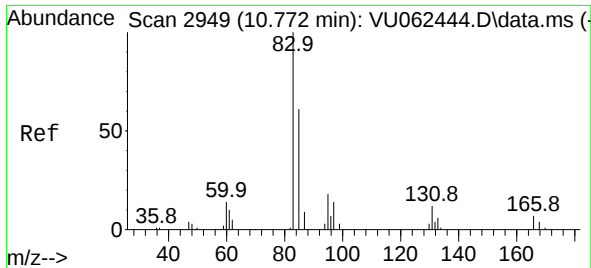
Tgt Ion:106 Resp: 52382
Ion Ratio Lower Upper
106 100
91 233.2 159.8 296.8



#55
Styrene
Concen: 4.740 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:104 Resp: 86708
Ion Ratio Lower Upper
104 100
78 50.2 33.2 61.7

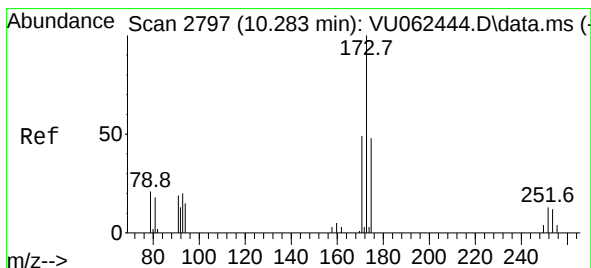
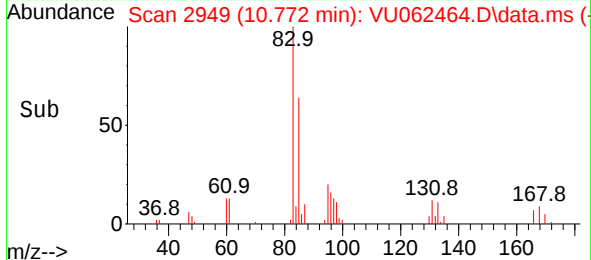
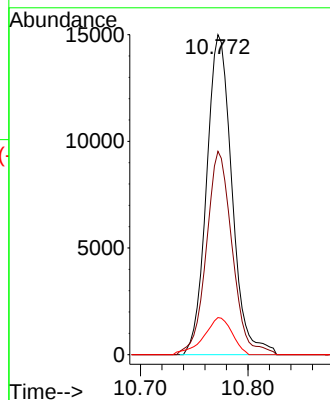
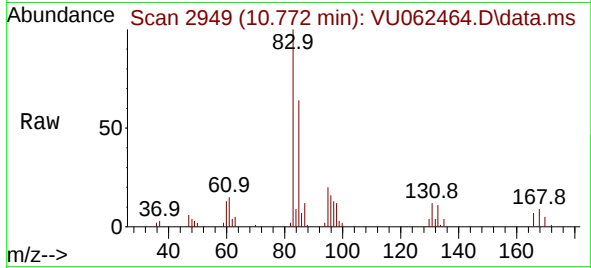




#57
1,1,2,2-Tetrachloroethane
Concen: 4.498 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

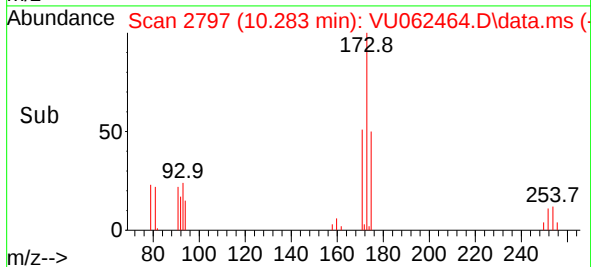
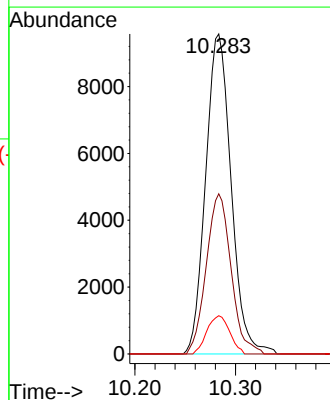
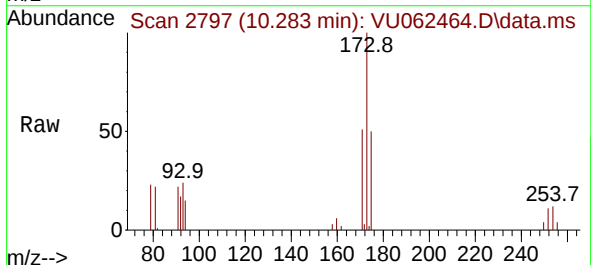
Instrument : MSVOA_U
ClientSampleId :

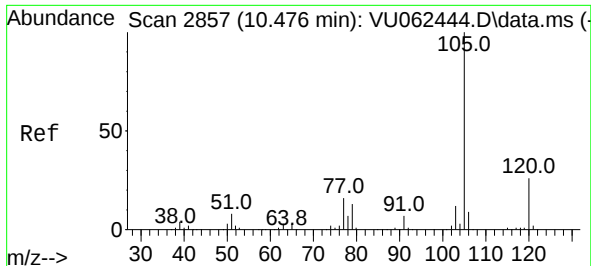
Tgt Ion: 83 Resp: 24597
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4
131 11.6 7.3 10.9#



#59
Bromoform
Concen: 5.024 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:173 Resp: 16854
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 10.7 7.4 11.0

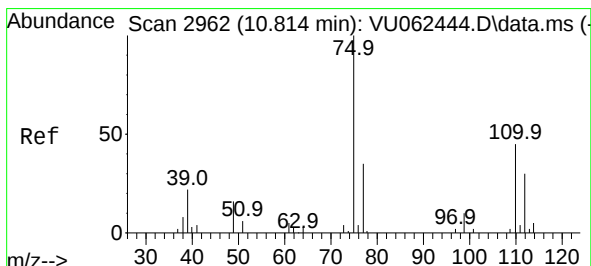
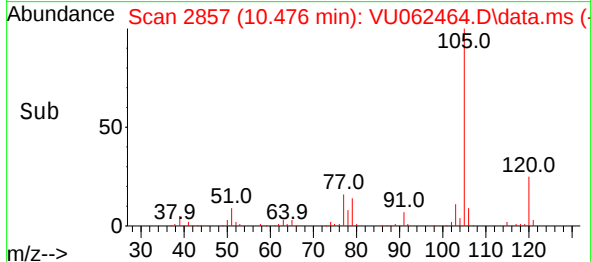
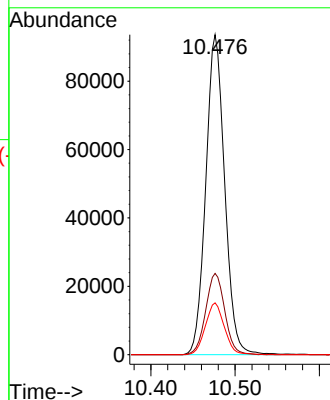
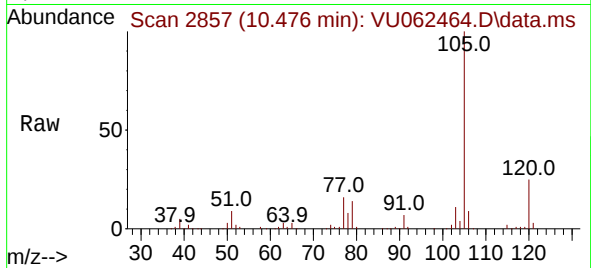




#60
Isopropylbenzene
Concen: 4.739 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

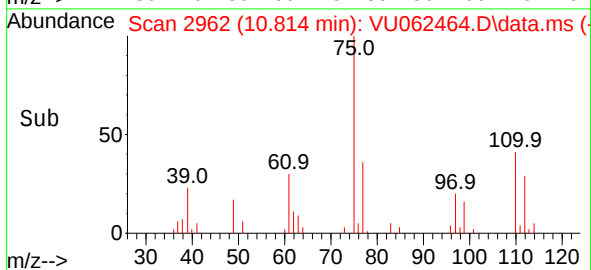
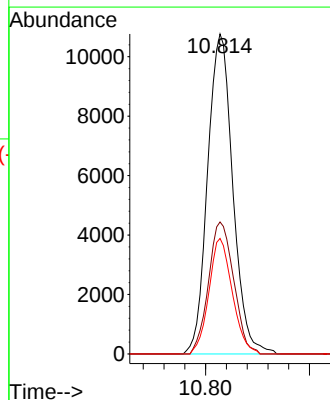
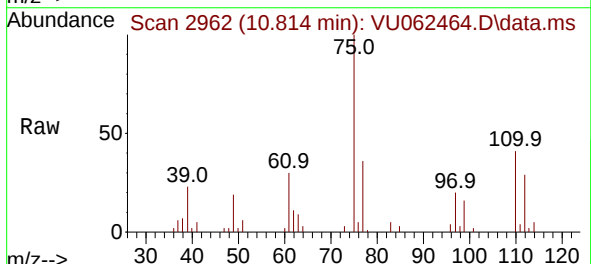
Instrument :
MSVOA_U
ClientSampleId :

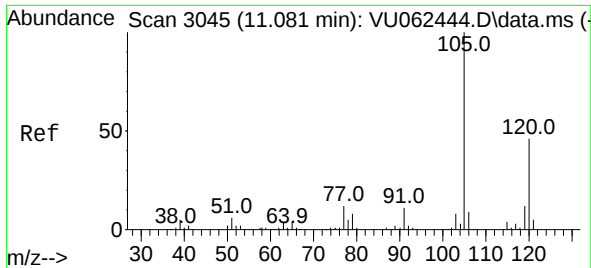
Tgt Ion:105 Resp: 146146
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.595 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion: 75 Resp: 18139
Ion Ratio Lower Upper
75 100
110 41.1 28.9 43.3
77 33.5 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.730 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

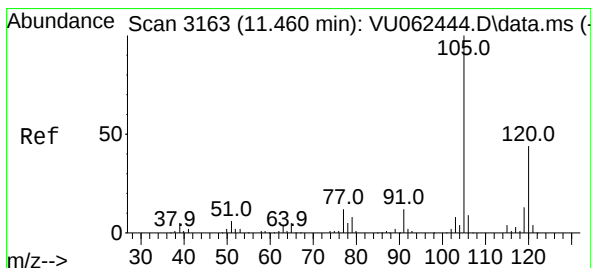
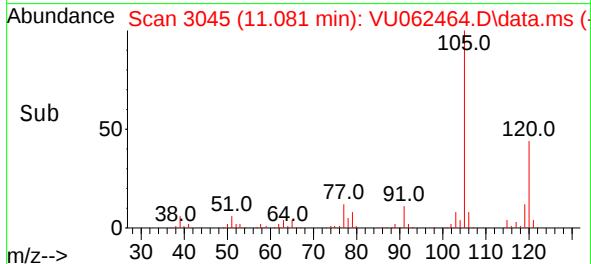
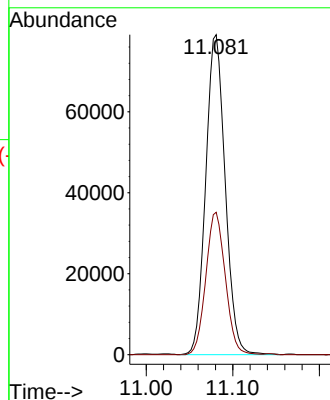
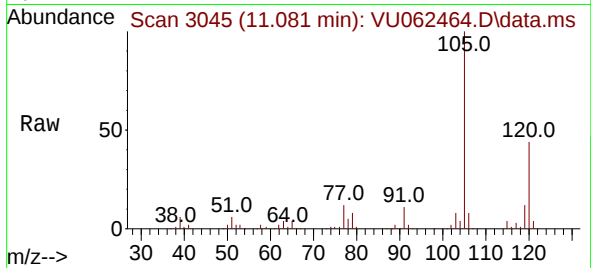
ClientSampleId :

Tgt Ion:105 Resp: 123421

Ion Ratio Lower Upper

105 100

120 44.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.681 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062464.D

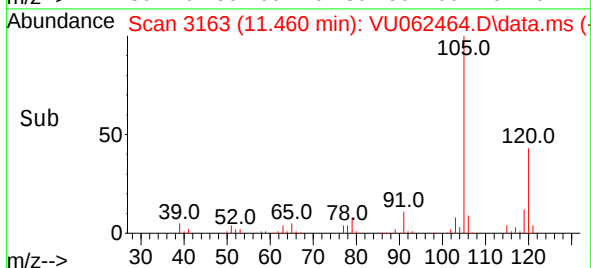
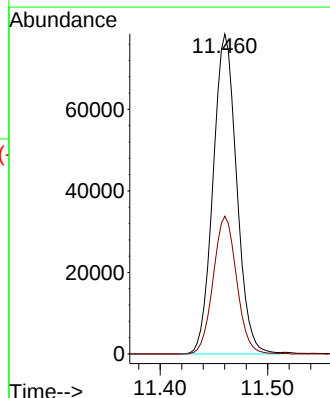
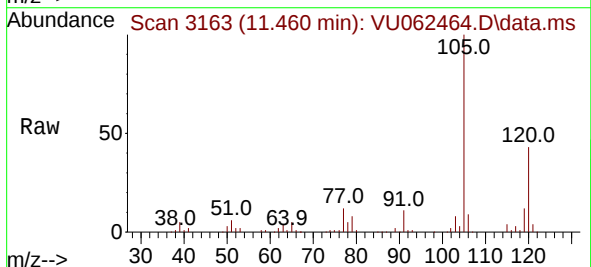
Acq: 19 Dec 2024 10:03

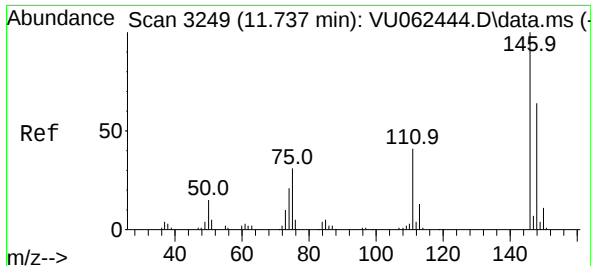
Tgt Ion:105 Resp: 119690

Ion Ratio Lower Upper

105 100

120 42.8 34.7 52.1

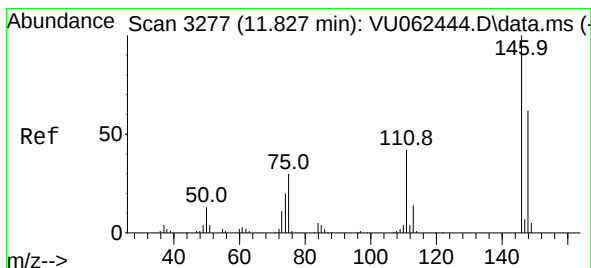
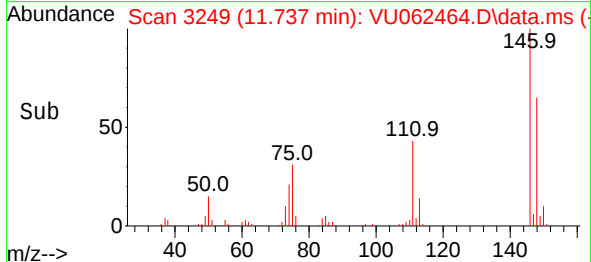
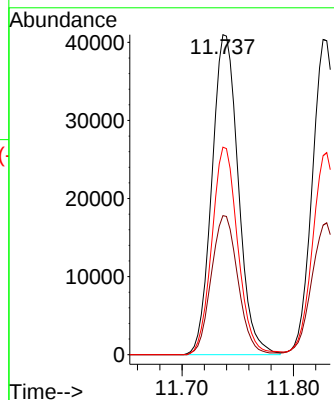
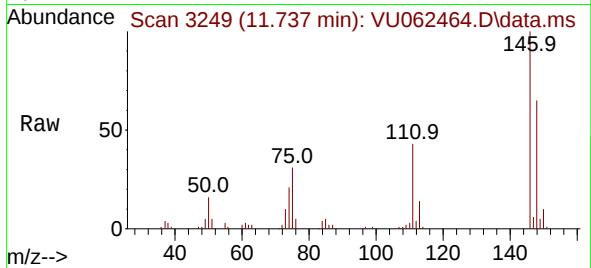




#64
1,3-Dichlorobenzene
Concen: 4.767 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

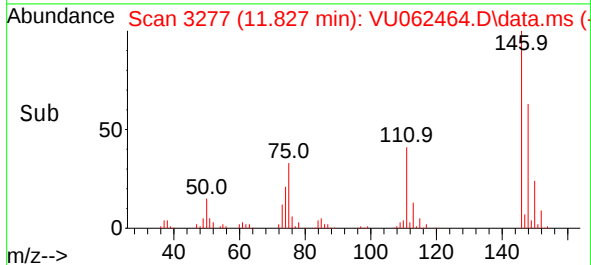
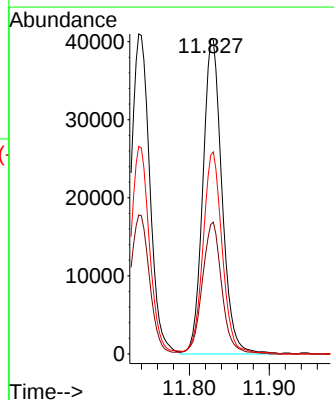
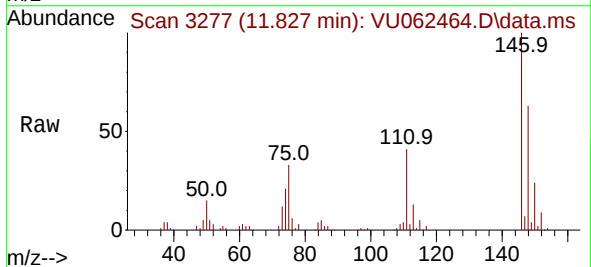
Instrument :
MSVOA_U
ClientSampleId :

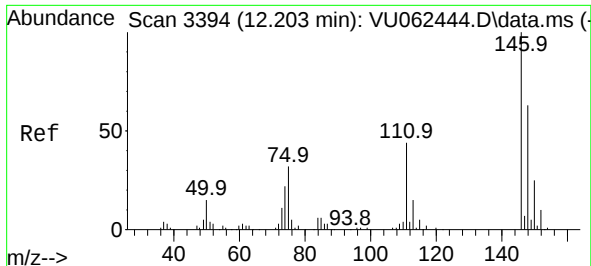
Tgt Ion:146 Resp: 67529
Ion Ratio Lower Upper
146 100
111 43.5 30.7 57.1
148 64.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.715 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:146 Resp: 67255
Ion Ratio Lower Upper
146 100
111 41.1 29.3 54.3
148 63.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.731 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

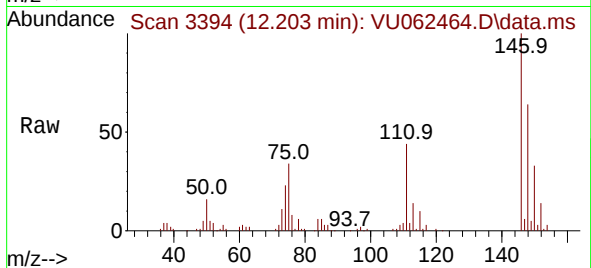
Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

Instrument :

MSVOA_U

ClientSampleId :



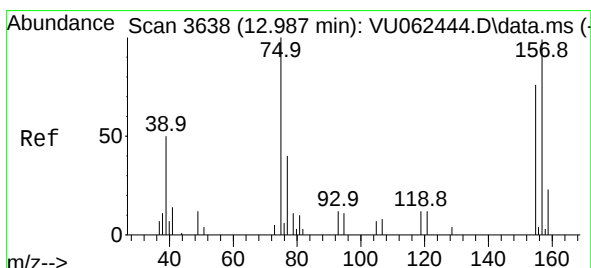
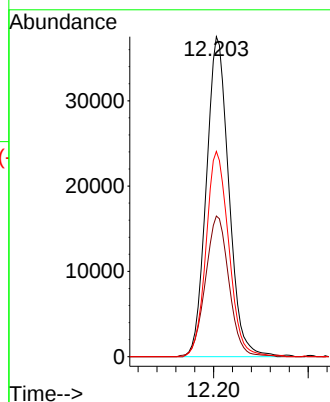
Tgt Ion:146 Resp: 61926

Ion Ratio Lower Upper

146 100

111 44.0 36.0 54.0

148 64.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.127 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062464.D

Acq: 19 Dec 2024 10:03

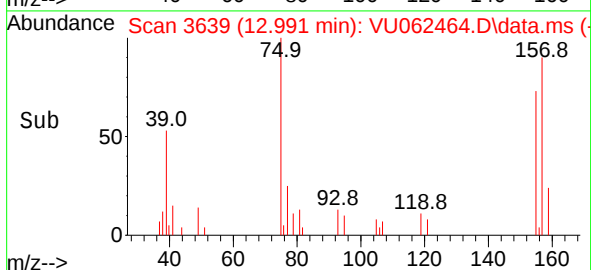
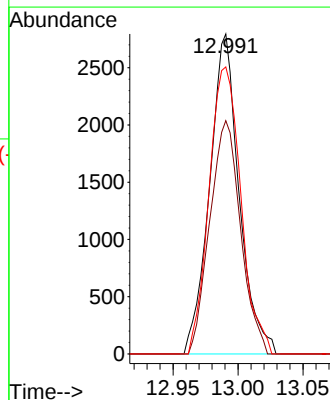
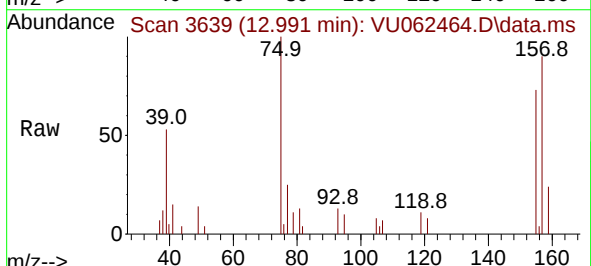
Tgt Ion: 75 Resp: 4414

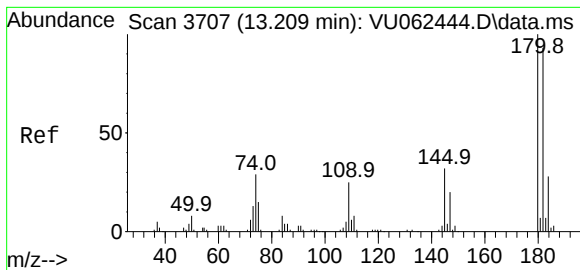
Ion Ratio Lower Upper

75 100

155 72.9 55.2 82.8

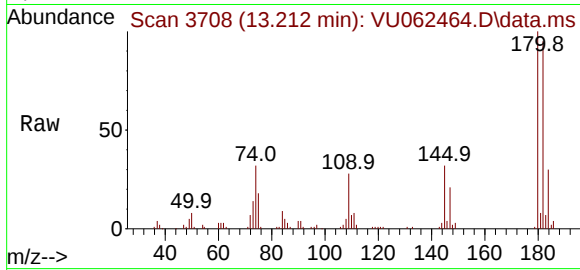
157 89.7 73.5 110.3



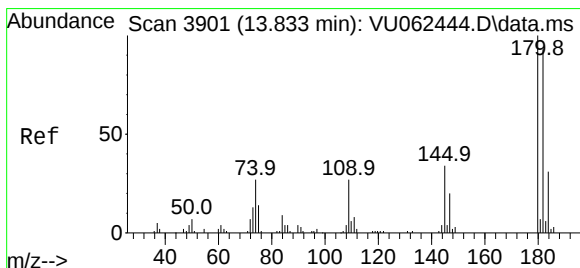
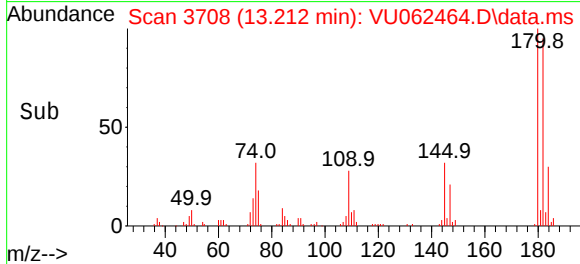
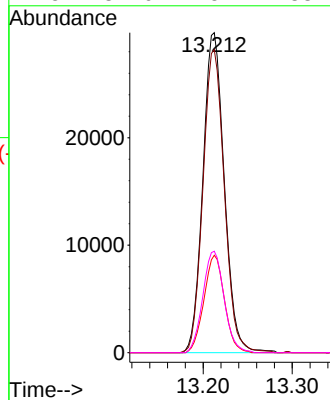


#69
 1,3,5-Trichlorobenzene
 Concen: 4.717 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

Instrument :
 MSVOA_U
 ClientSampleId :

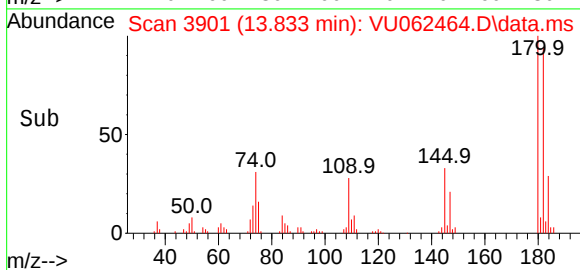
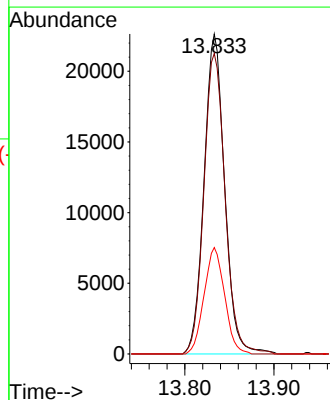
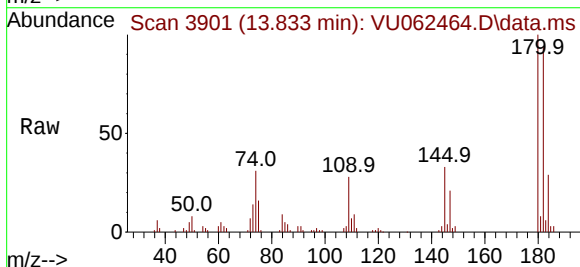


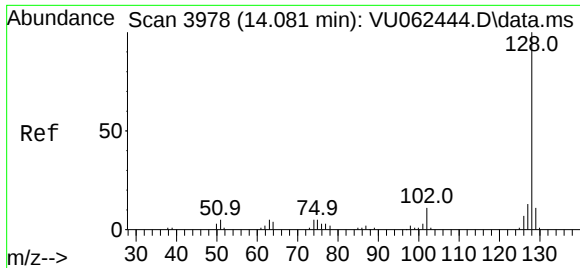
Tgt Ion:180 Resp: 49665
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.7 115.1
 184 29.2 24.8 37.2
 145 31.6 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.367 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU062464.D
 Acq: 19 Dec 2024 10:03

Tgt Ion:180 Resp: 36304
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.5 111.7
 145 33.1 25.6 38.4

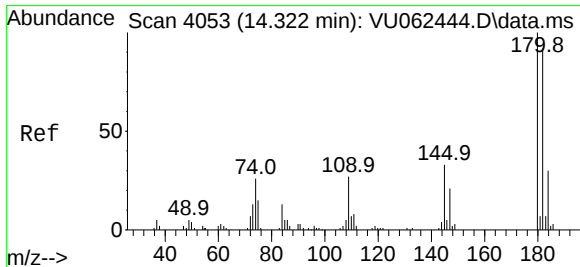
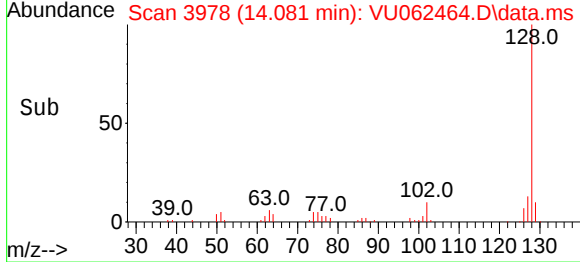
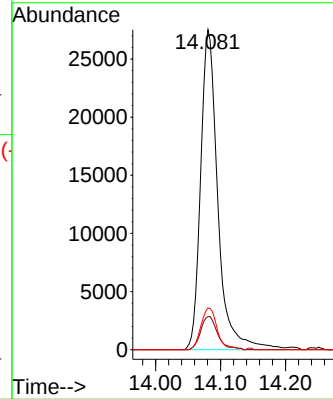
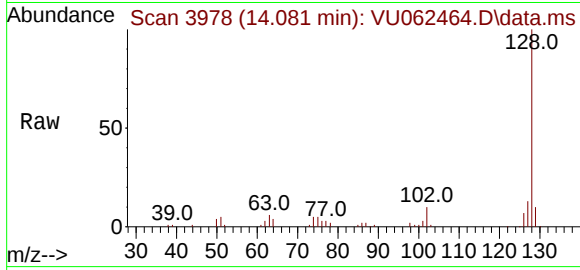




#71
Naphthalene
Concen: 4.066 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 50760
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.291 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062464.D
Acq: 19 Dec 2024 10:03

Tgt Ion:180 Resp: 31462
Ion Ratio Lower Upper
180 100
182 97.4 76.1 114.1
145 35.4 27.4 41.0

