

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062226.D
 Acq On : 10 Dec 2024 22:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27421	3.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	20355	4.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.550	65	13897	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.627	46	67915	51.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.052	84	72065	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	36675	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.714	84	126180	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.679	67	37073	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	119827	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	15411	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.634	63	55778	52.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	31414	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	45692	4.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	49763	5.164	ug/L	98
3) Chloromethane	1.515	50	35343	4.679	ug/L	97
5) Vinyl chloride	1.599	62	39115	4.974	ug/L	99
6) Bromomethane	1.853	94	21492	4.100	ug/L	95
8) Chloroethane	1.923	64	19670	4.466	ug/L	99
9) Trichlorofluoromethane	2.119	101	72170	5.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	38294	5.154	ug/L	91
12) 1,1-Dichloroethene	2.566	96	34748	5.003	ug/L	94
13) Acetone	2.644	43	46301	51.137	ug/L	95
14) Carbon disulfide	2.779	76	101836	4.636	ug/L	98
15) Methyl Acetate	2.952	43	11037	4.864	ug/L #	89
16) Methylene chloride	3.033	84	36876	5.058	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	87375	5.050	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	36472	5.111	ug/L	90
19) 1,1-Dichloroethane	3.853	63	65217	4.986	ug/L	98
21) 2-Butanone	4.708	43	68913	52.409	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	39937	4.993	ug/L	96
23) Bromochloromethane	4.965	128	18659	5.321	ug/L #	75
25) Chloroform	5.074	83	76416	5.186	ug/L	98

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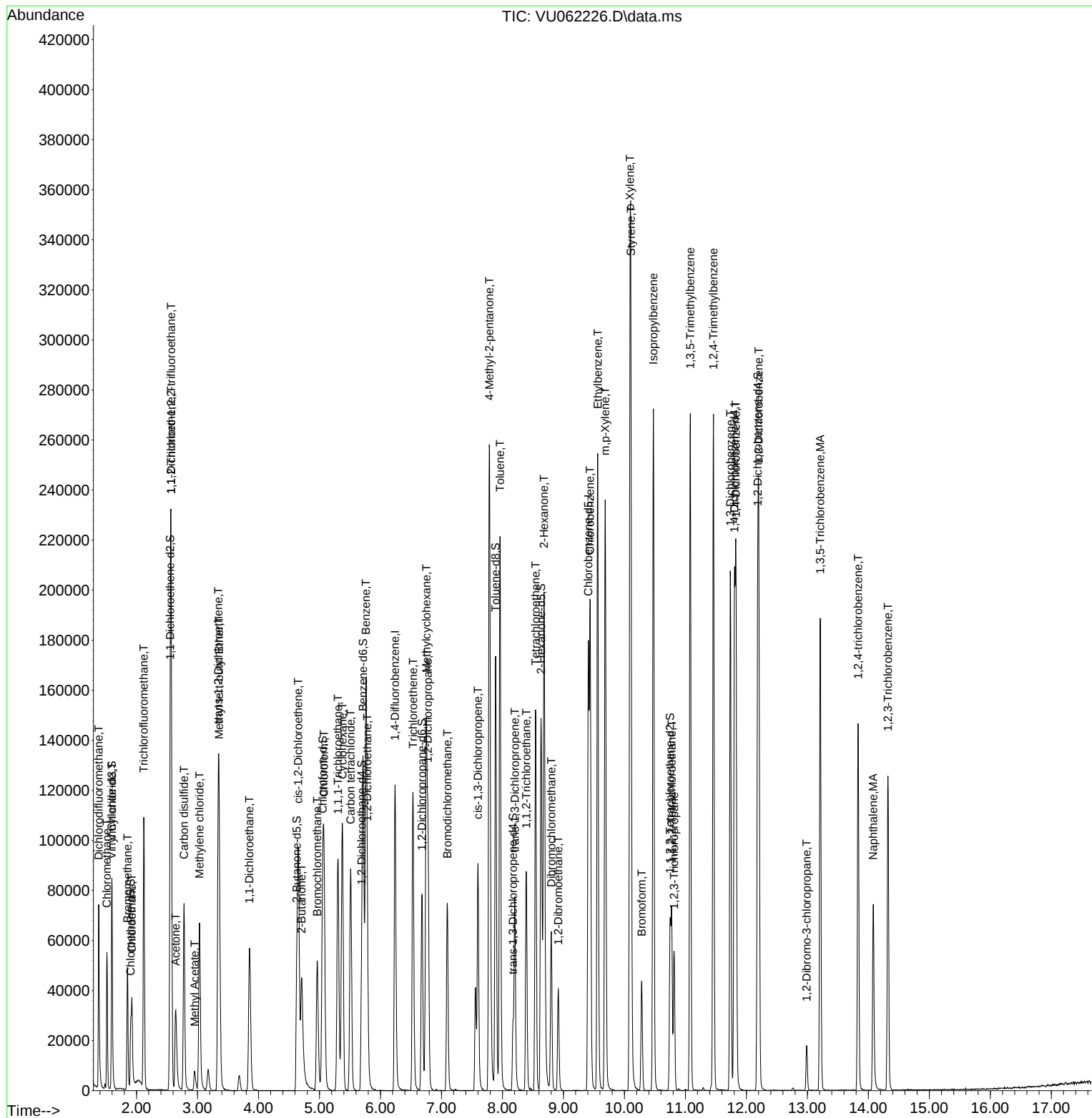
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47256	5.047	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	72605	5.279	ug/L	94
30) Cyclohexane	5.377	56	53230	4.773	ug/L	93
31) Carbon tetrachloride	5.512	117	64191	5.090	ug/L	99
33) Benzene	5.762	78	149935	4.949	ug/L	100
34) Trichloroethene	6.534	95	42495	4.952	ug/L	95
35) Methylcyclohexane	6.753	83	59873	4.705	ug/L	96
37) 1,2-Dichloropropane	6.778	63	37971	5.147	ug/L	98
38) Bromodichloromethane	7.097	83	50284	4.831	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	58039	4.908	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	177012	51.191	ug/L #	93
42) Toluene	7.962	91	165570	5.068	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	46449	4.810	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	28012	5.029	ug/L	99
47) Tetrachloroethene	8.544	164	33806	5.102	ug/L	96
48) 2-Hexanone	8.682	43	129507	50.678	ug/L #	92
49) Dibromochloromethane	8.801	129	34501	5.127	ug/L	92
50) 1,2-Dibromoethane	8.917	107	27281	5.097	ug/L	96
51) Chlorobenzene	9.438	112	105840	5.056	ug/L	96
52) Ethylbenzene	9.563	91	181717	4.961	ug/L	99
53) m,p-Xylene	9.685	106	68261	5.048	ug/L	95
54) o-Xylene	10.093	106	66595	5.063	ug/L	100
55) Styrene	10.106	104	112552	5.191	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	33838	5.220	ug/L #	99
59) Bromoform	10.283	173	20800	5.044	ug/L	99
60) Isopropylbenzene	10.476	105	182016	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	24505	5.050	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	151484	4.722	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	152516	4.852	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	85900	4.933	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	82471	4.703	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80001	4.971	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5458	5.157	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	61745	4.770	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	47229	4.621	ug/L	98
71) Naphthalene	14.080	128	66753	4.350	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	40491	4.493	ug/L	99

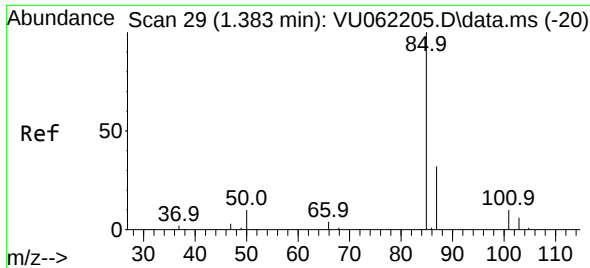
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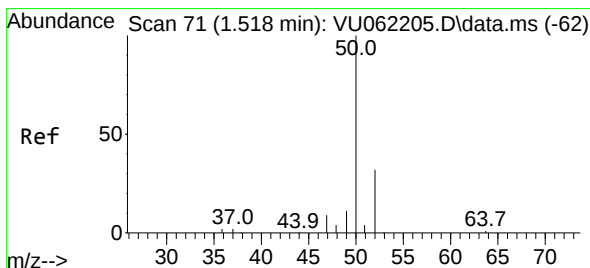
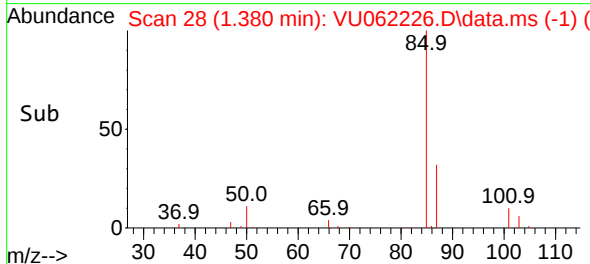
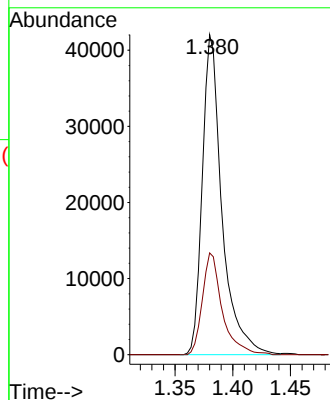
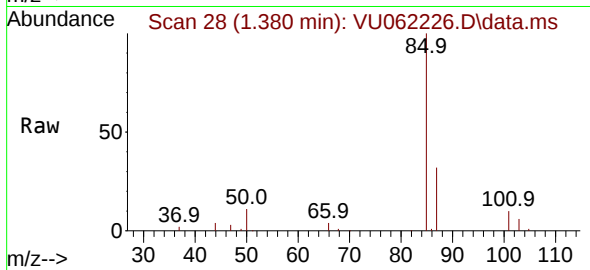




#2
Dichlorodifluoromethane
Concen: 5.164 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

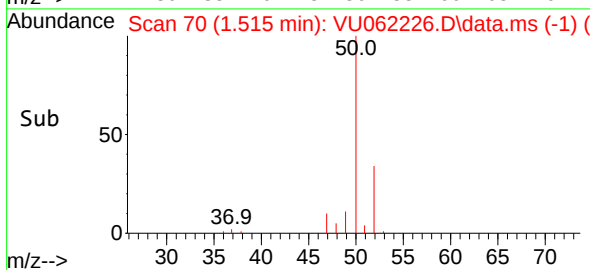
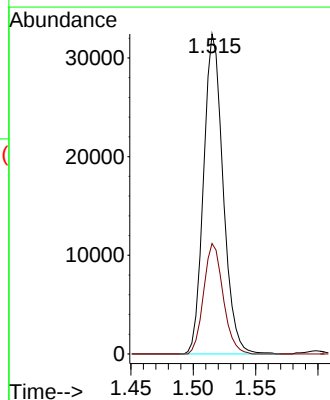
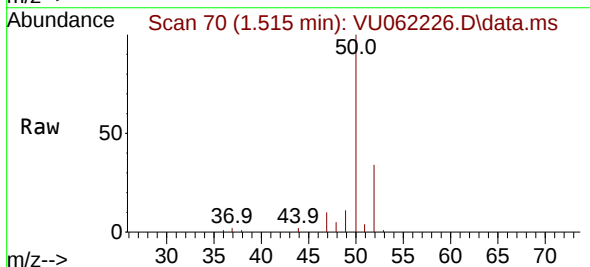
Instrument :
MSVOA_U
ClientSampleId :

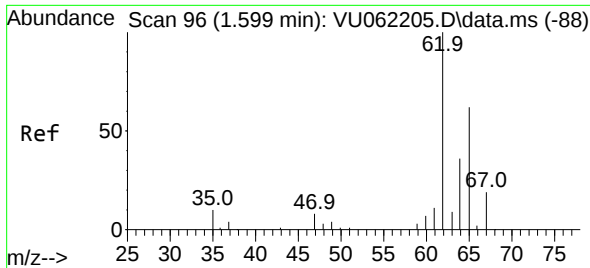
Tgt Ion: 85 Resp: 49763
Ion Ratio Lower Upper
85 100
87 32.1 26.6 40.0



#3
Chloromethane
Concen: 4.679 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

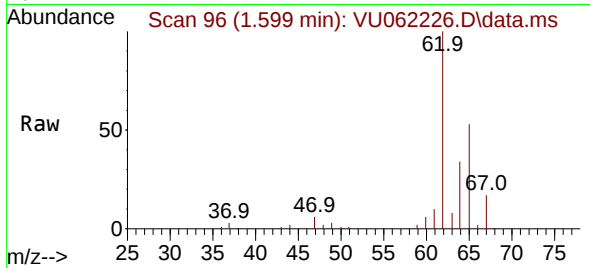
Tgt Ion: 50 Resp: 35343
Ion Ratio Lower Upper
50 100
52 34.5 23.1 42.9



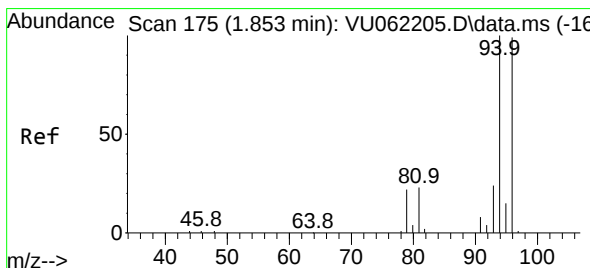
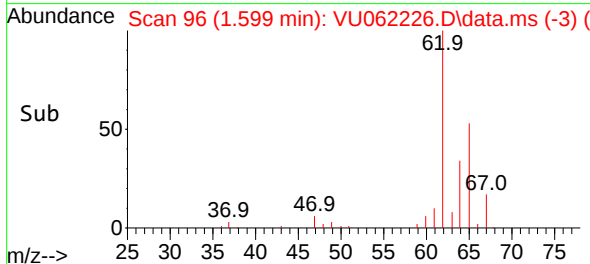
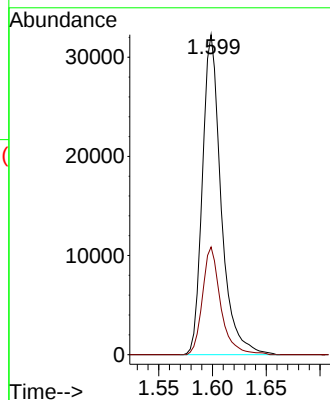


#5
 Vinyl chloride
 Concen: 4.974 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062226.D
 Acq: 10 Dec 2024 22:46

Instrument :
 MSVOA_U
 ClientSampleId :

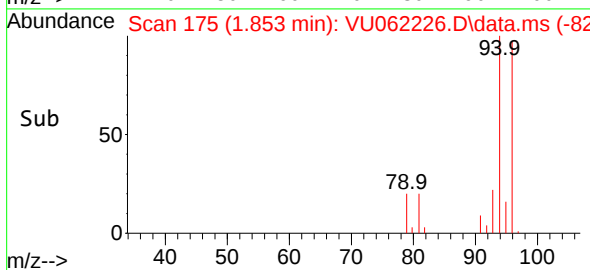
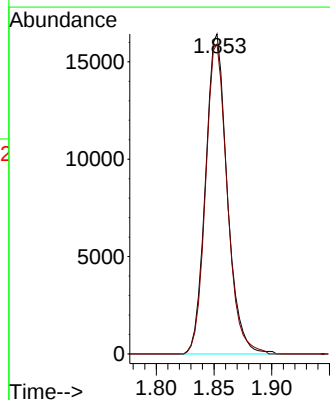
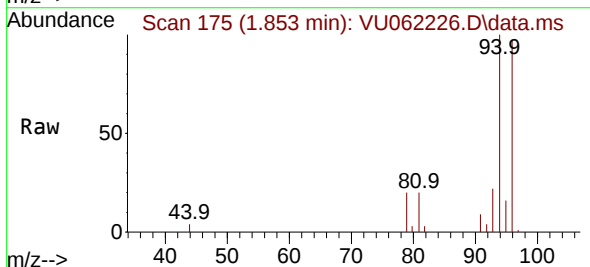


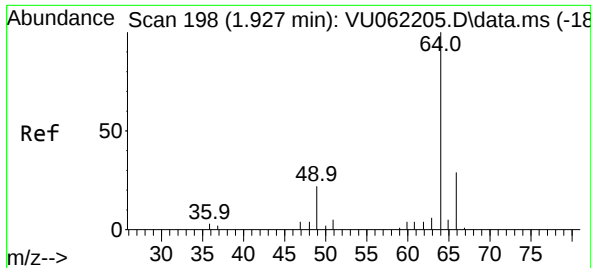
Tgt Ion: 62 Resp: 39115
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.100 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062226.D
 Acq: 10 Dec 2024 22:46

Tgt Ion: 94 Resp: 21492
 Ion Ratio Lower Upper
 94 100
 96 96.8 64.5 119.9

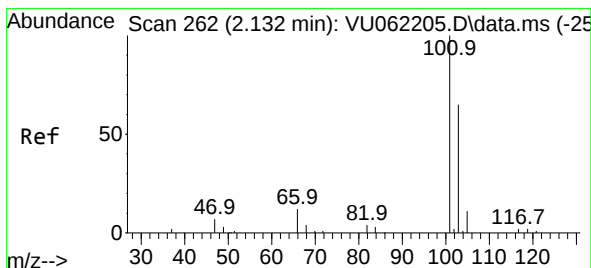
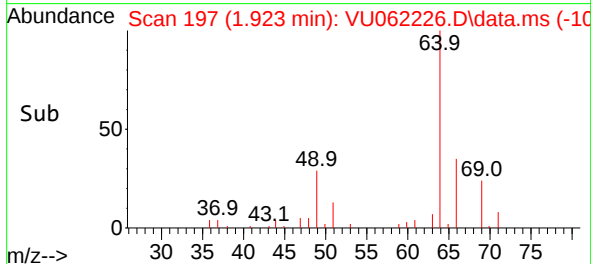
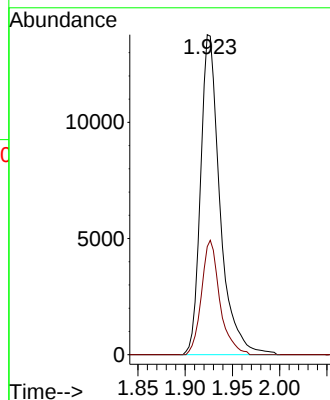
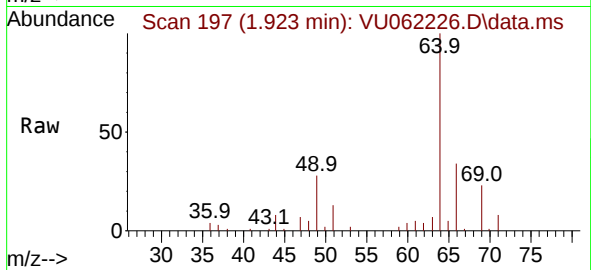




#8
Chloroethane
Concen: 4.466 ug/L
RT: 1.923 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

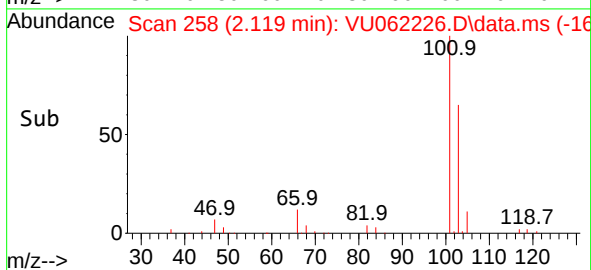
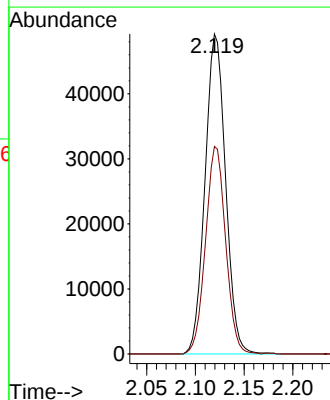
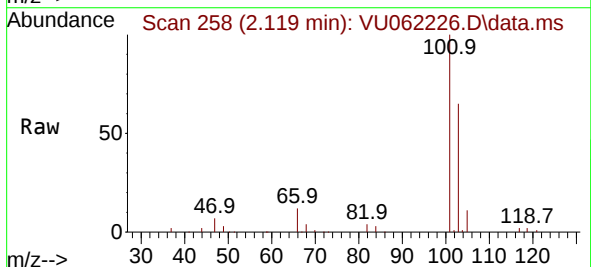
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MSVOA_U
ClientSampleId :

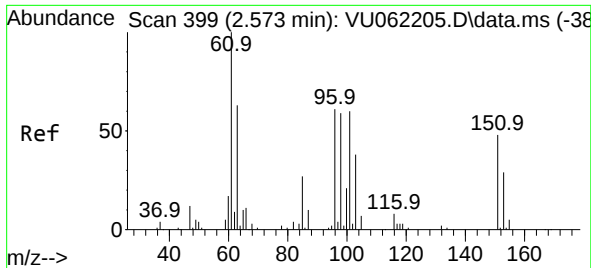
Tgt Ion: 64 Resp: 19670
Ion Ratio Lower Upper
64 100
66 33.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.287 ug/L
RT: 2.119 min Scan# 258
Delta R.T. -0.013 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:101 Resp: 72170
Ion Ratio Lower Upper
101 100
103 63.4 50.6 75.8

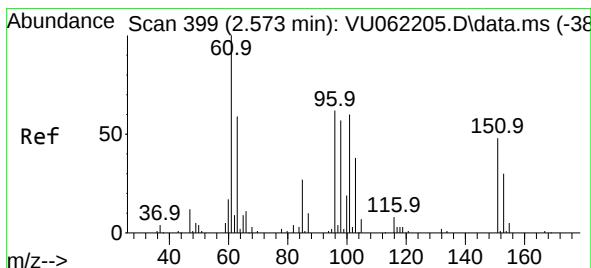
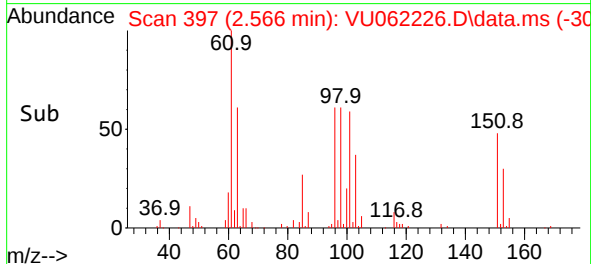
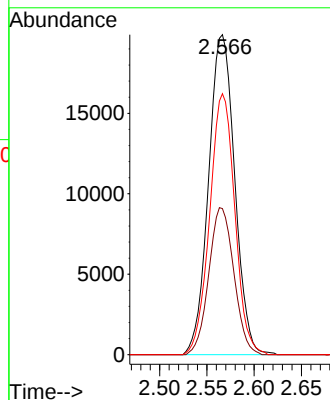
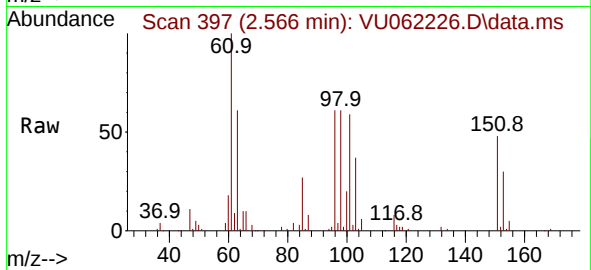




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.154 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU062226.D
 Acq: 10 Dec 2024 22:46

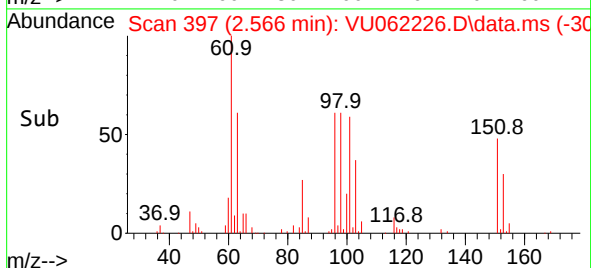
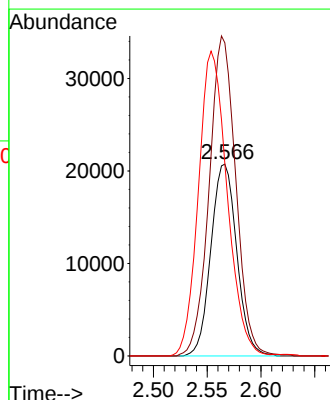
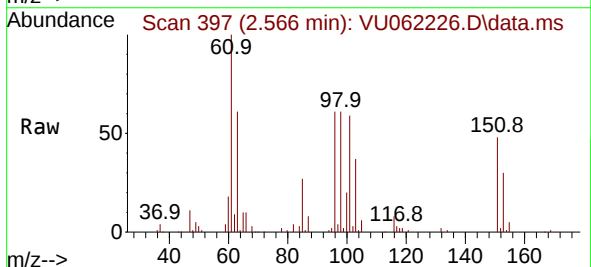
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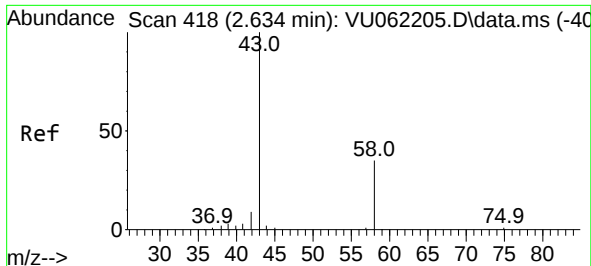
Tgt Ion:101 Resp: 38294
 Ion Ratio Lower Upper
 101 100
 85 44.0 38.0 57.0
 151 78.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.003 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU062226.D
 Acq: 10 Dec 2024 22:46

Tgt Ion: 96 Resp: 34748
 Ion Ratio Lower Upper
 96 100
 61 163.2 119.6 222.2
 63 100.3 65.0 120.6





#13

Acetone

Concen: 51.137 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

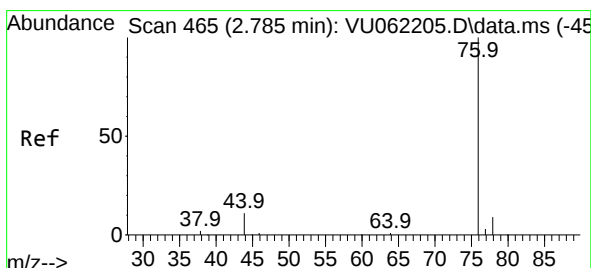
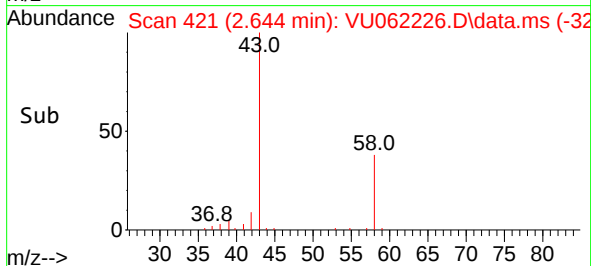
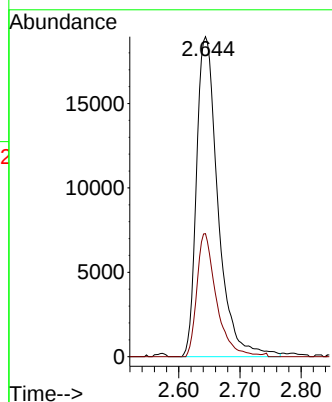
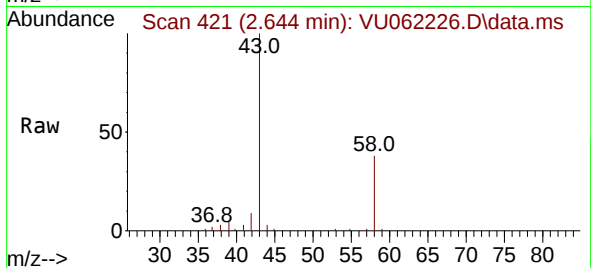
ClientSampleId :

Tgt Ion: 43 Resp: 46301

Ion Ratio Lower Upper

43 100

58 34.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.636 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.007 min

Lab File: VU062226.D

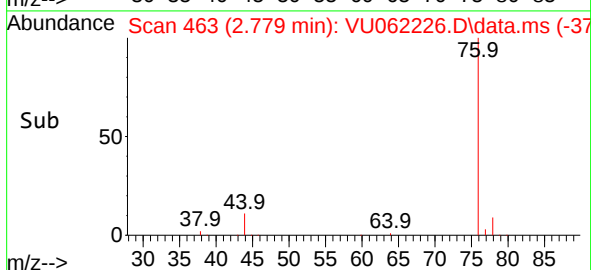
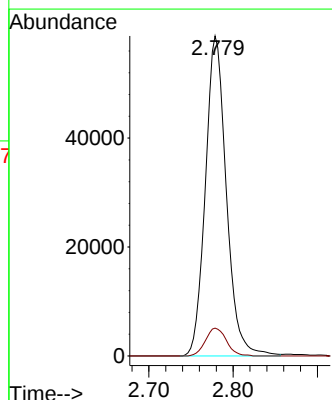
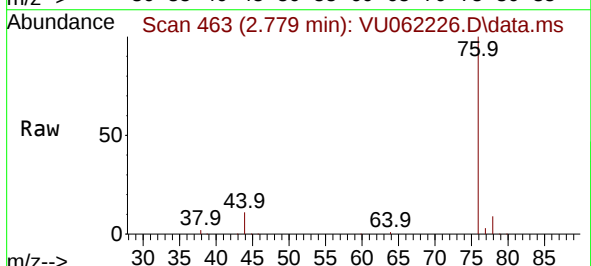
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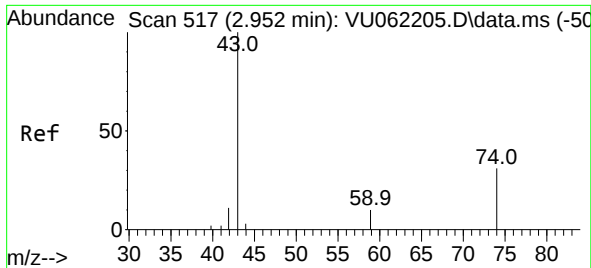
Tgt Ion: 76 Resp: 101836

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

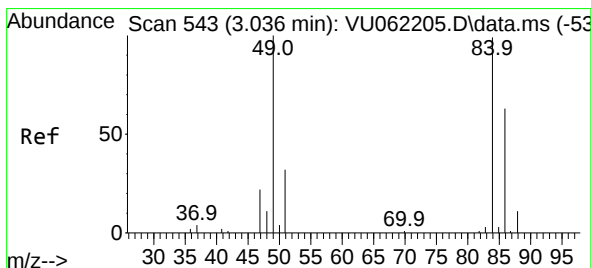
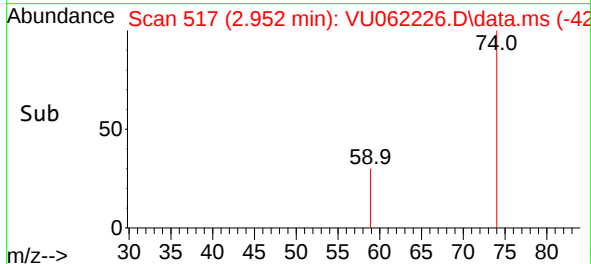
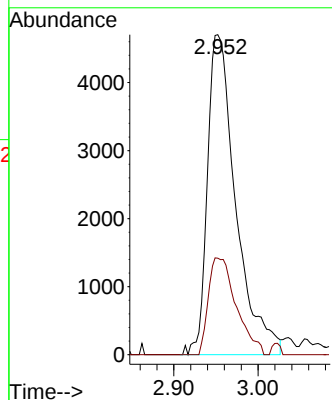
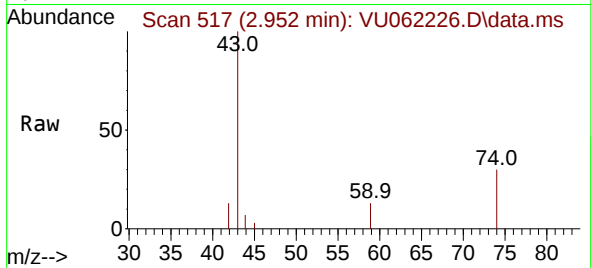




#15
Methyl Acetate
Concen: 4.864 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

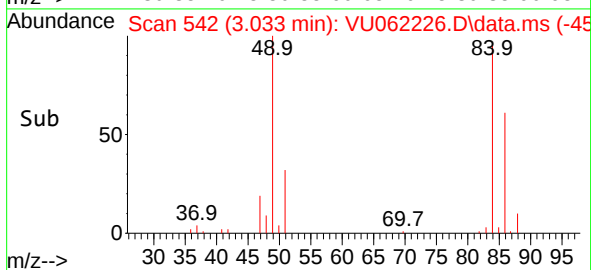
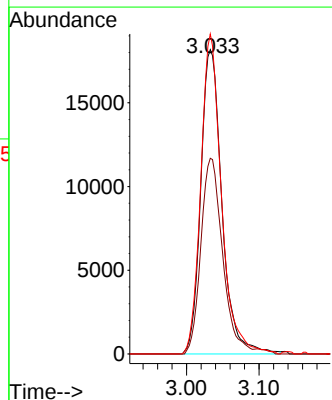
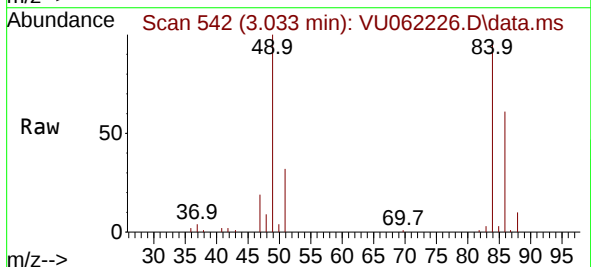
Instrument :
MSVOA_U
ClientSampleId :

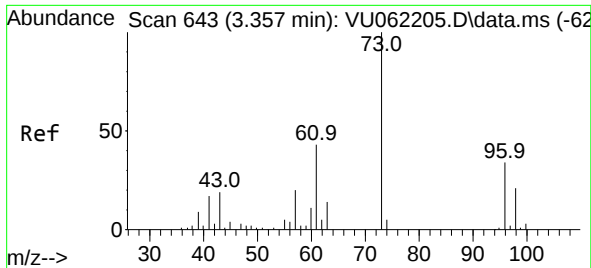
Tgt Ion: 43 Resp: 11037
Ion Ratio Lower Upper
43 100
74 29.6 19.4 29.2#



#16
Methylene chloride
Concen: 5.058 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

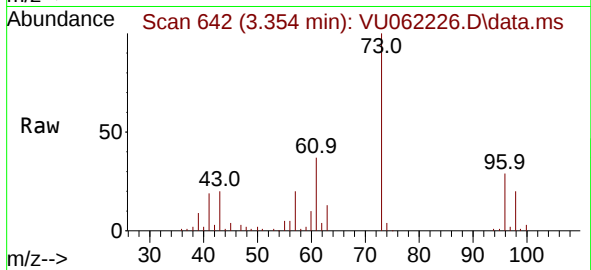
Tgt Ion: 84 Resp: 36876
Ion Ratio Lower Upper
84 100
86 64.3 43.5 80.7
49 105.1 81.9 152.1



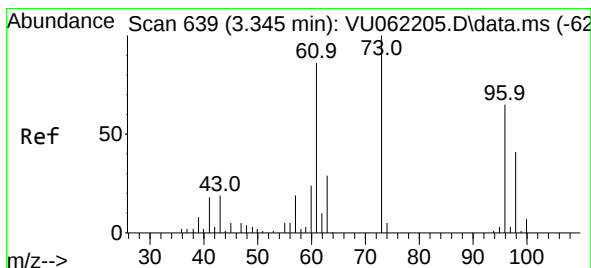
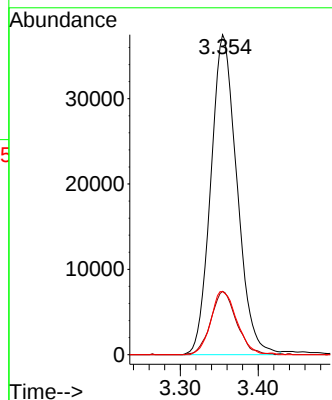
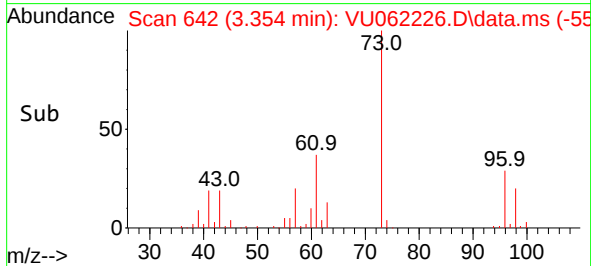


#17
Methyl tert-butyl Ether
Concen: 5.050 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Instrument :
MSVOA_U
ClientSampleId :

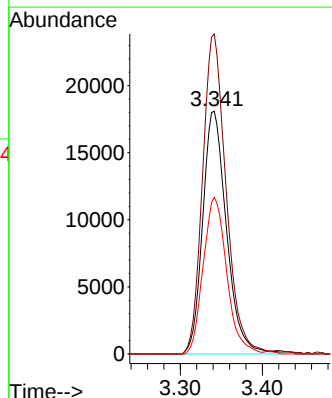
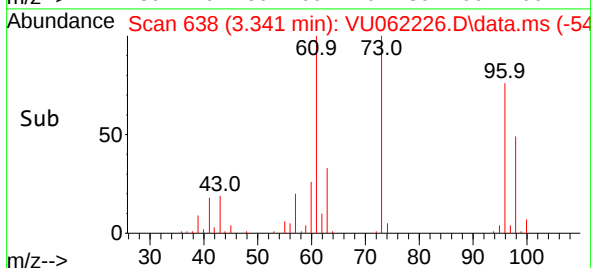
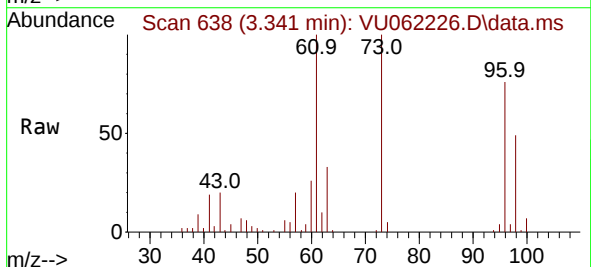


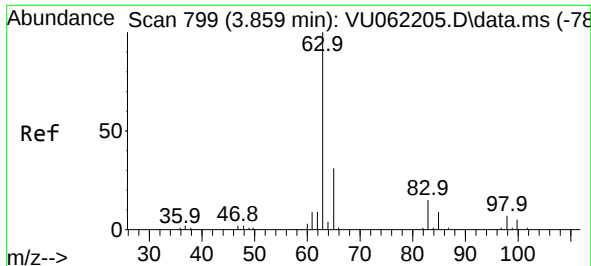
Tgt Ion: 73 Resp: 87375
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5
57 19.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.111 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

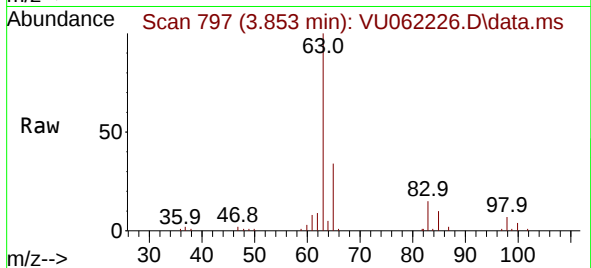
Tgt Ion: 96 Resp: 36472
Ion Ratio Lower Upper
96 100
61 131.8 104.2 193.4
98 64.5 45.7 84.9



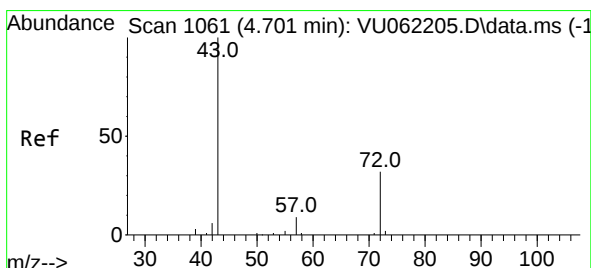
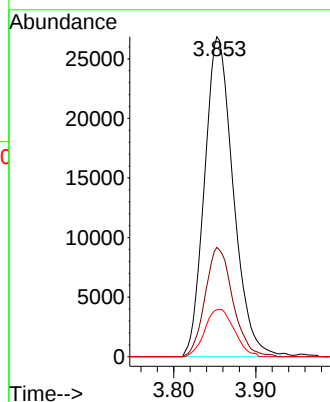
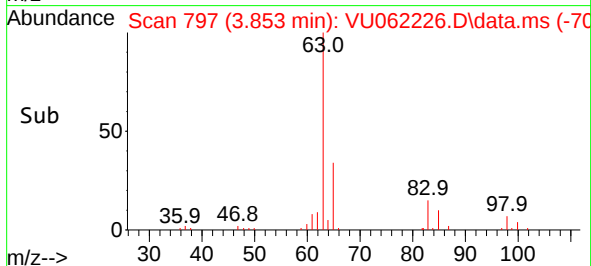


#19
1,1-Dichloroethane
Concen: 4.986 ug/L
RT: 3.853 min Scan# 799
Delta R.T. -0.007 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Instrument :
MSVOA_U
ClientSampleId :

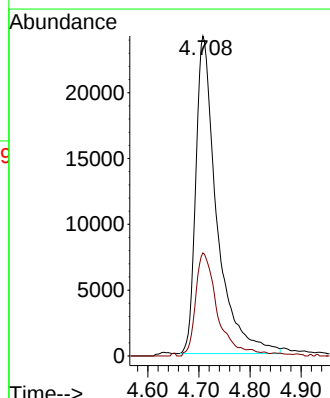
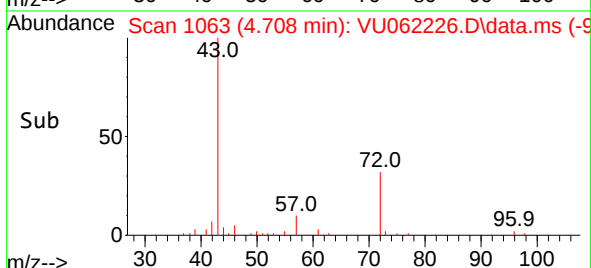
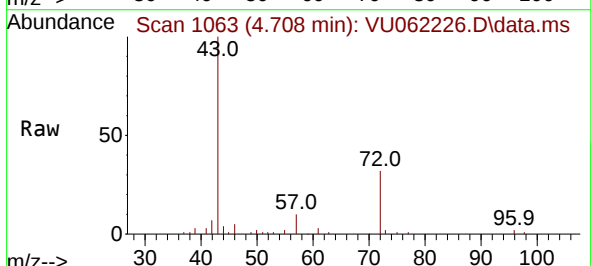


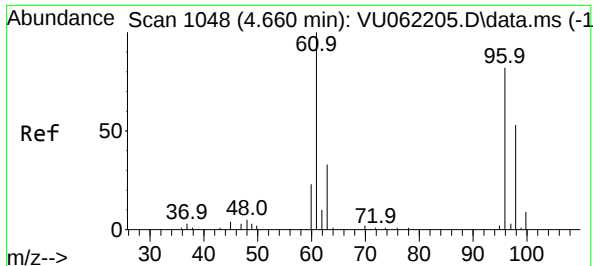
Tgt Ion: 63 Resp: 65217
Ion Ratio Lower Upper
63 100
65 34.1 22.7 42.3
83 14.7 9.9 18.3



#21
2-Butanone
Concen: 52.409 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion: 43 Resp: 68913
Ion Ratio Lower Upper
43 100
72 32.8 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 4.993 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.007 min

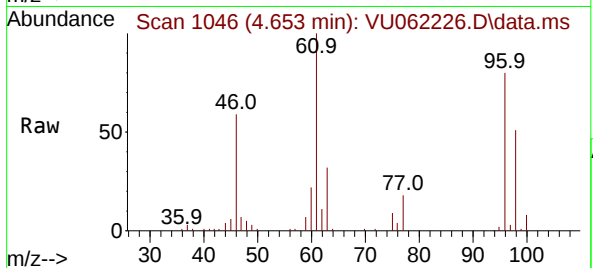
Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

ClientSampleId :



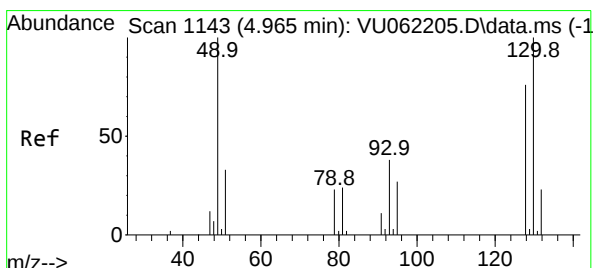
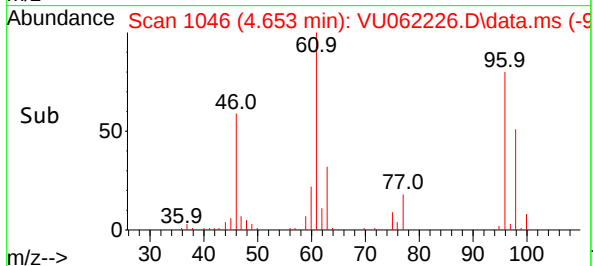
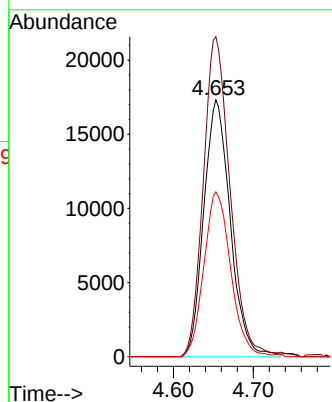
Tgt Ion: 96 Resp: 39937

Ion Ratio Lower Upper

96 100

61 124.6 92.0 170.8

98 64.2 44.5 82.7



#23

Bromochloromethane

Concen: 5.321 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Tgt Ion: 128 Resp: 18659

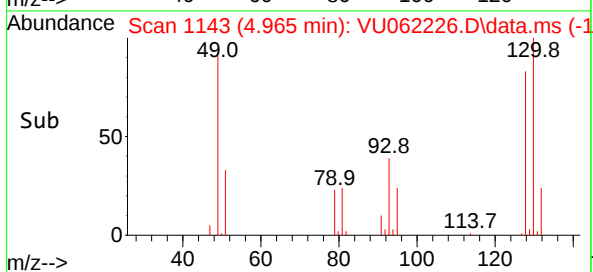
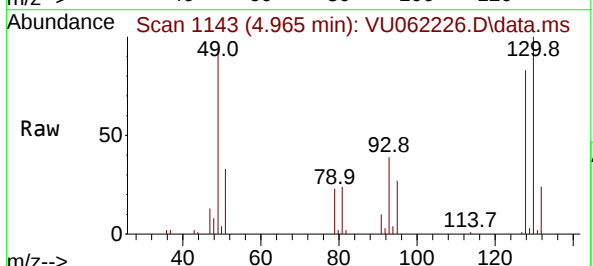
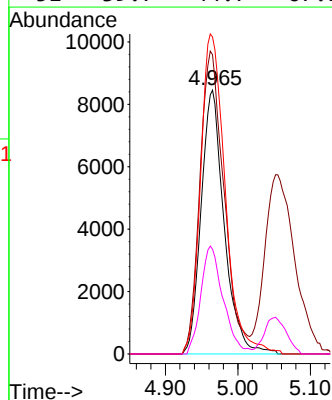
Ion Ratio Lower Upper

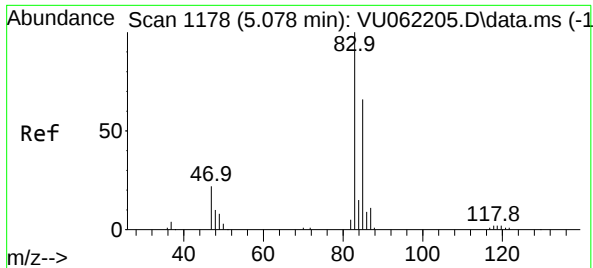
128 100

49 113.4 115.3 214.1#

130 120.2 92.0 170.8

51 39.7 44.7 67.1#





#25

Chloroform

Concen: 5.186 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

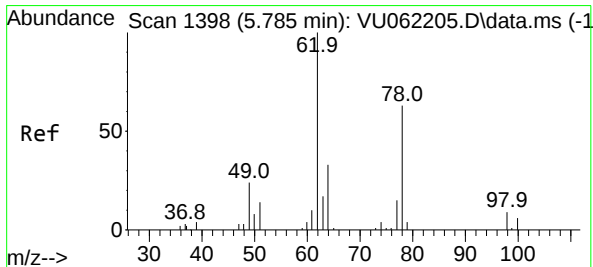
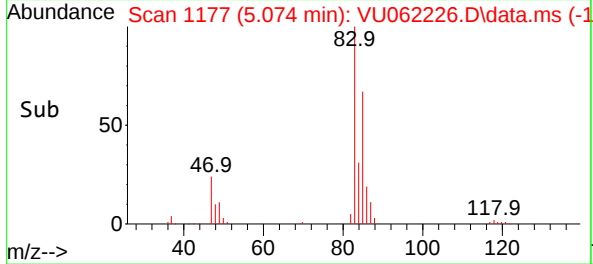
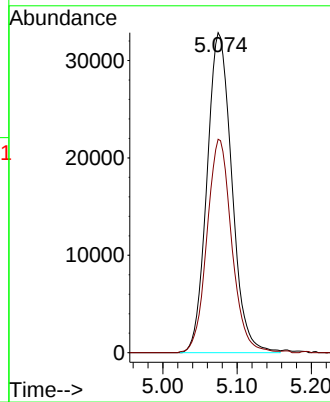
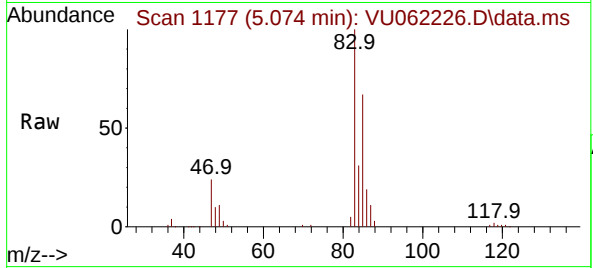
ClientSampleId :

Tgt Ion: 83 Resp: 76416

Ion Ratio Lower Upper

83 100

85 66.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.047 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062226.D

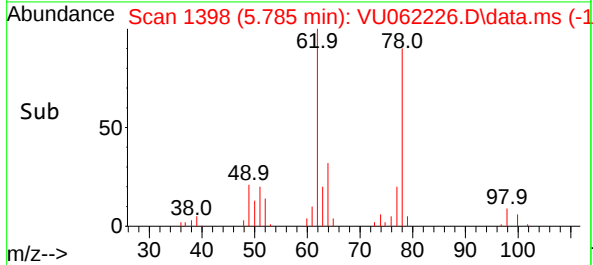
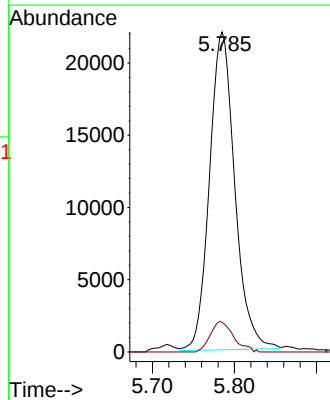
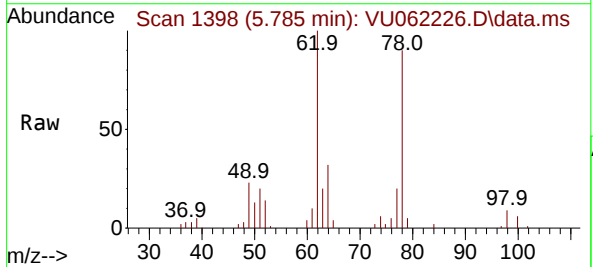
Acq: 10 Dec 2024 22:46

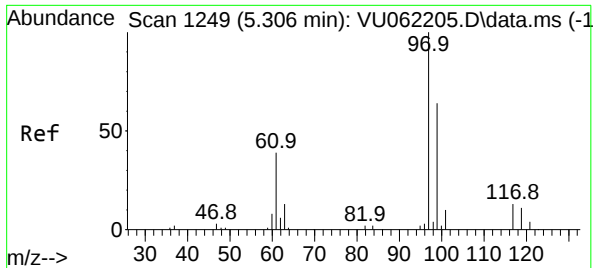
Tgt Ion: 62 Resp: 47256

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0

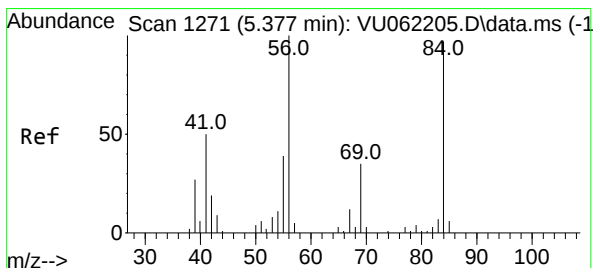
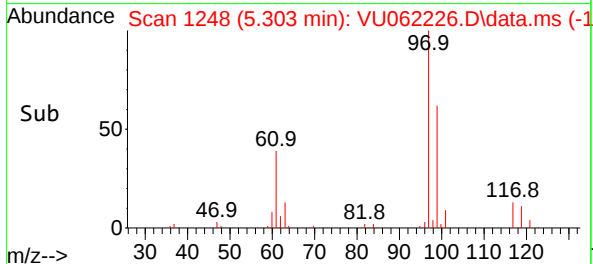
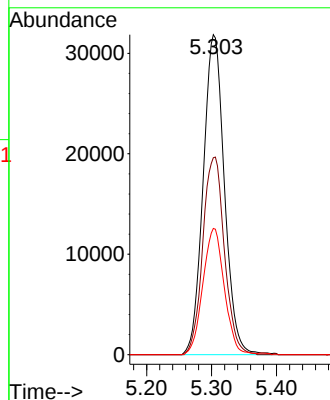
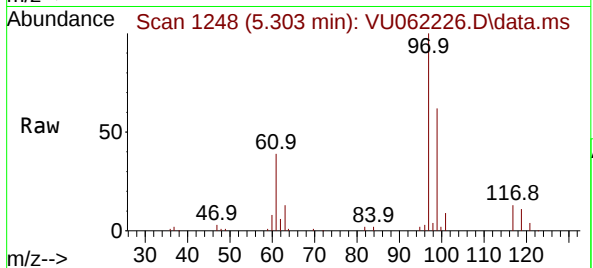




#29
1,1,1-Trichloroethane
Concen: 5.279 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

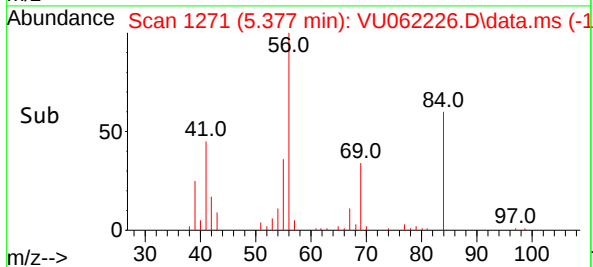
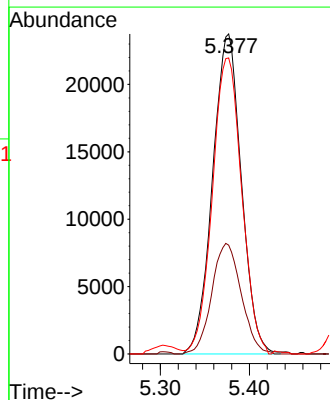
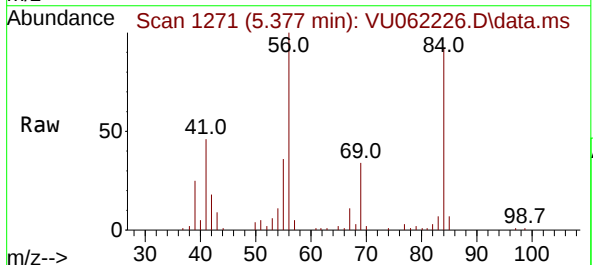
Instrument :
MSVOA_U
ClientSampleId :

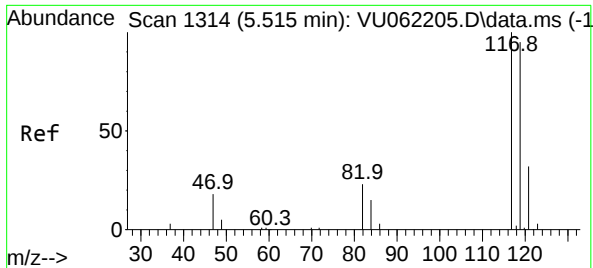
Tgt Ion: 97 Resp: 72605
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.2
61 39.7 37.8 56.6



#30
Cyclohexane
Concen: 4.773 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion: 56 Resp: 53230
Ion Ratio Lower Upper
56 100
69 35.3 25.1 37.7
84 94.4 70.6 105.8

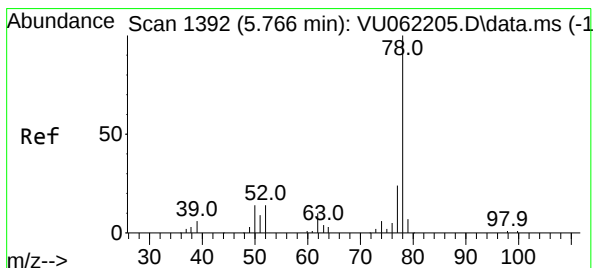
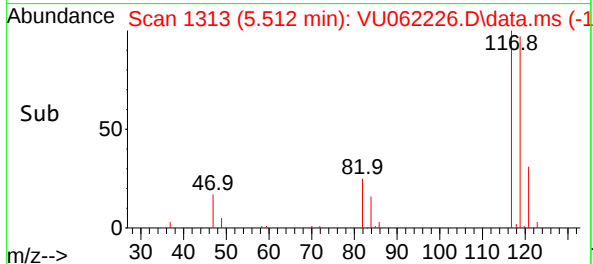
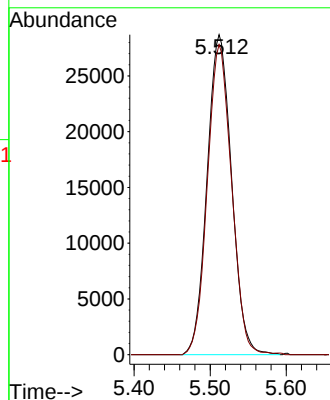
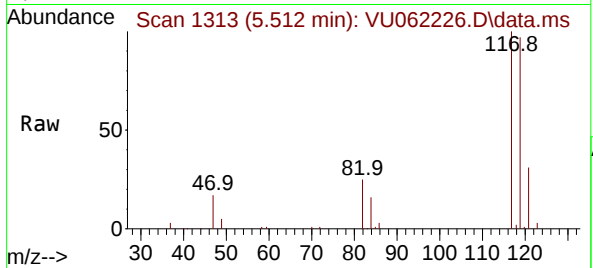




#31
Carbon tetrachloride
Concen: 5.090 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

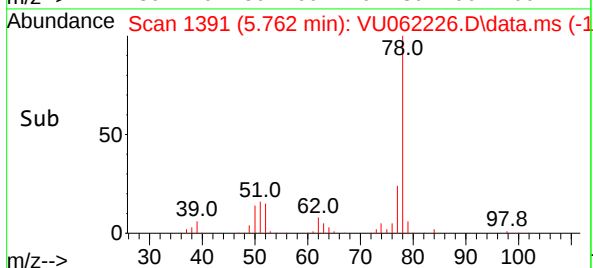
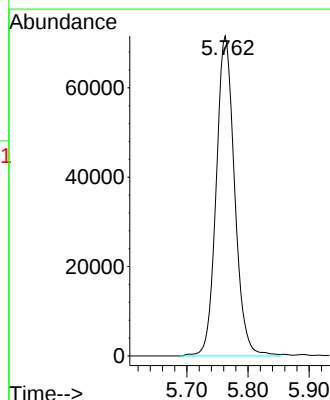
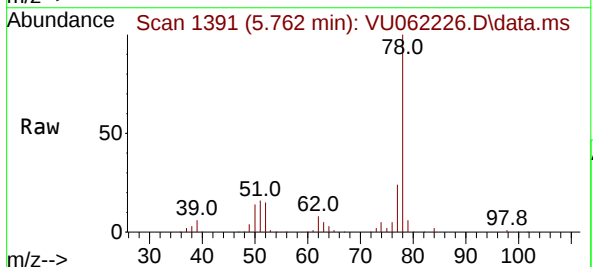
Instrument :
MSVOA_U
ClientSampleId :

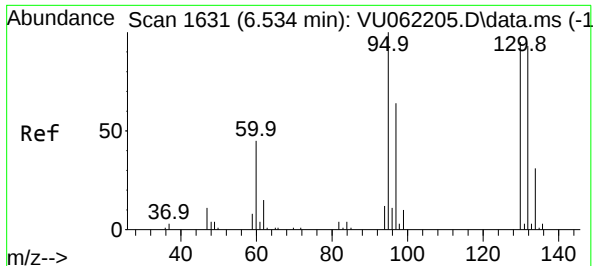
Tgt Ion:117 Resp: 64191
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 4.949 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

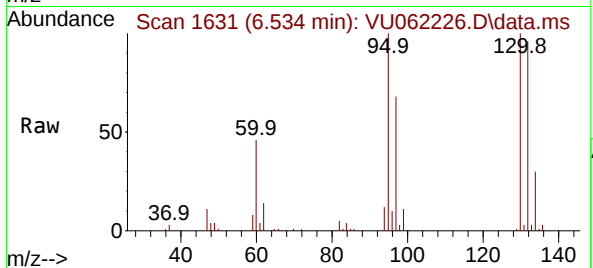
Tgt Ion: 78 Resp: 149935



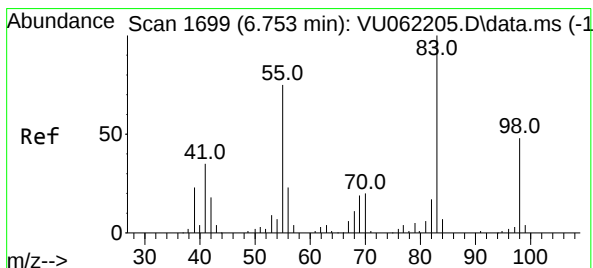
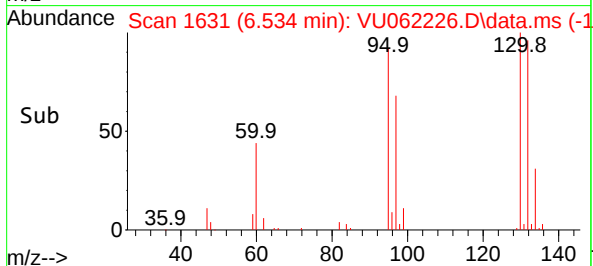
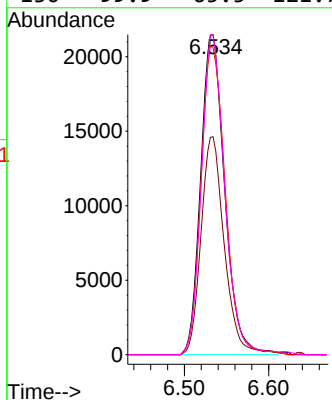


#34
Trichloroethene
Concen: 4.952 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Instrument :
MSVOA_U
ClientSampleId :

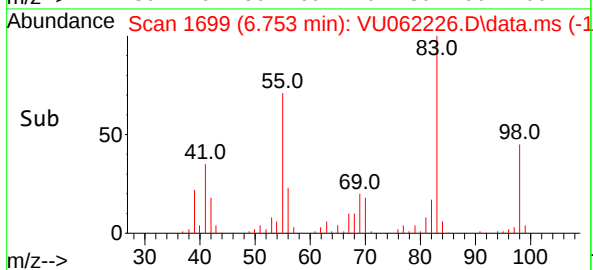
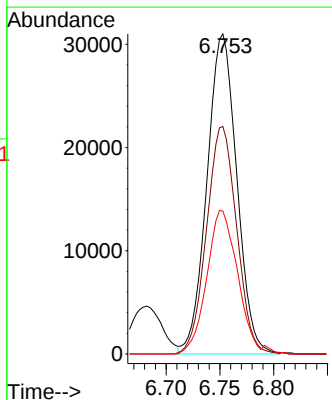
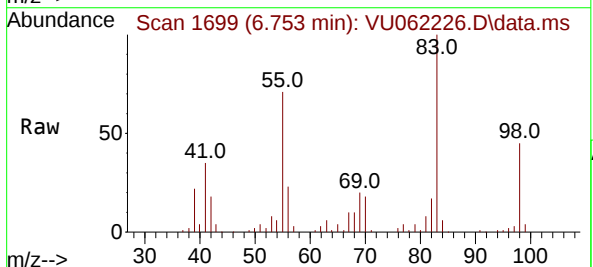


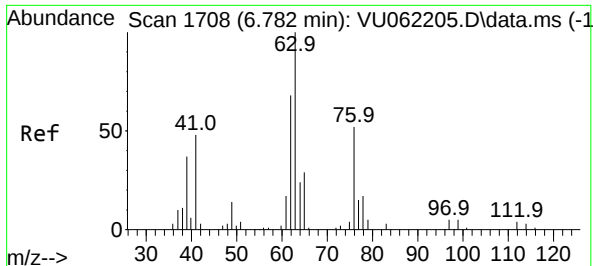
Tgt Ion:	95	Resp:	42495
Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.9	85.3
132	95.9	63.8	118.4
130	99.9	65.5	121.7



#35
Methylcyclohexane
Concen: 4.705 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:	83	Resp:	59873
Ion	Ratio	Lower	Upper
83	100		
55	71.7	60.7	91.1
98	45.9	34.8	52.2

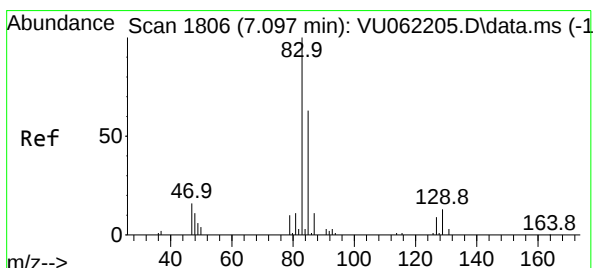
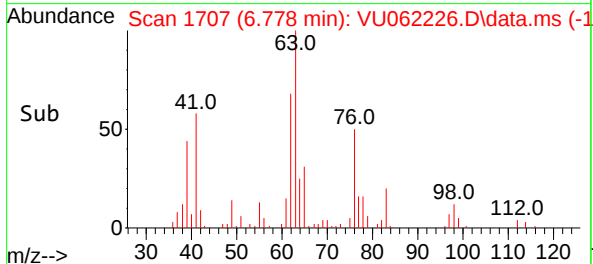
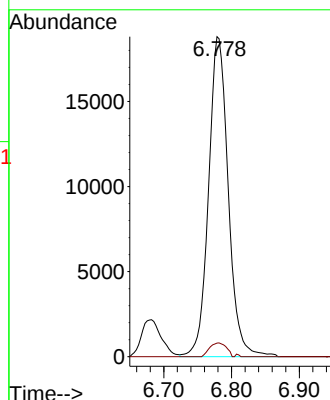
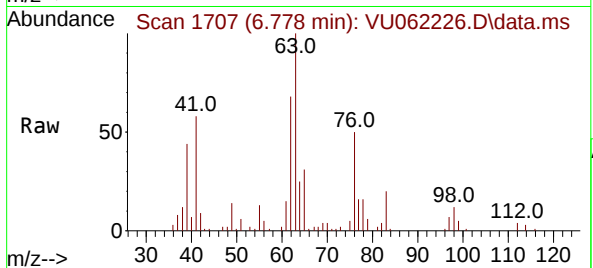




#37
1,2-Dichloropropane
Concen: 5.147 ug/L
RT: 6.778 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

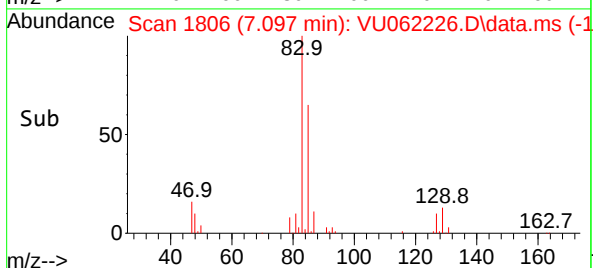
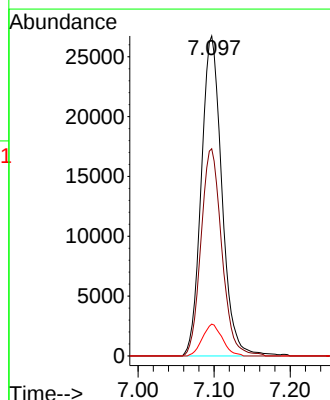
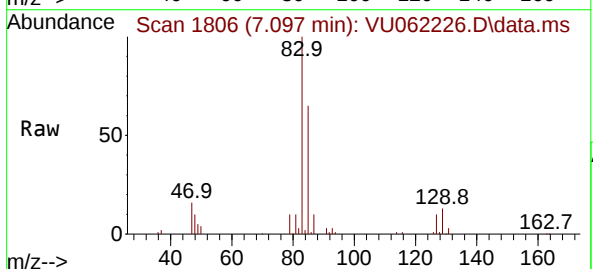
Instrument :
MSVOA_U
ClientSampleId :

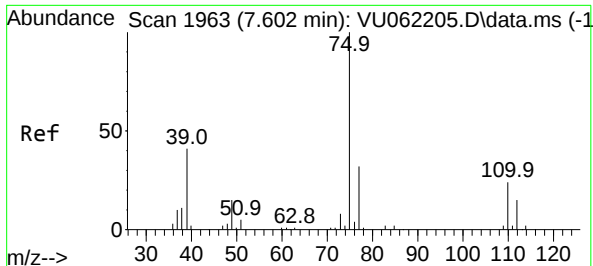
Tgt Ion: 63 Resp: 37971
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 4.831 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion: 83 Resp: 50284
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9
127 9.9 6.9 10.3

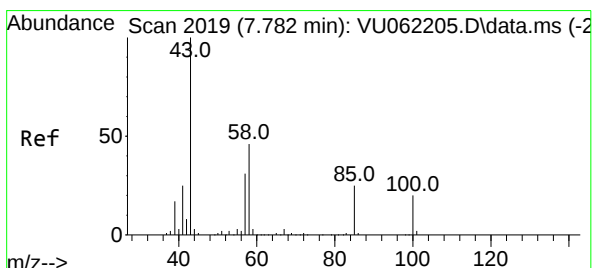
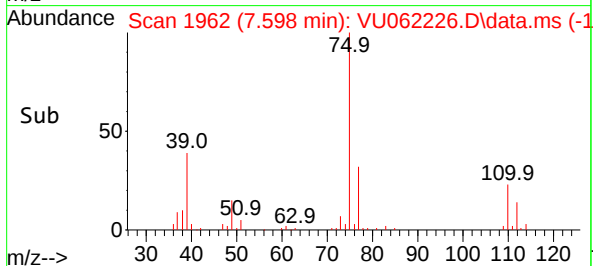
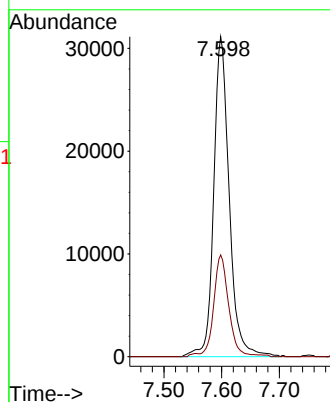
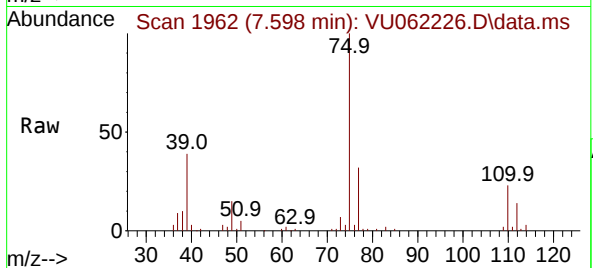




#39
cis-1,3-Dichloropropene
Concen: 4.908 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

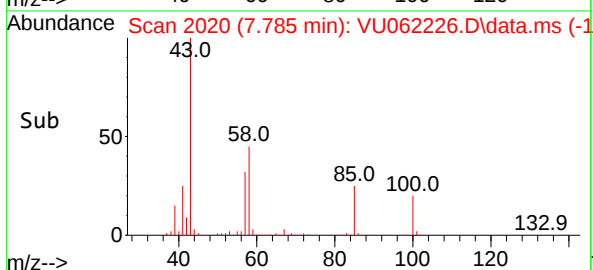
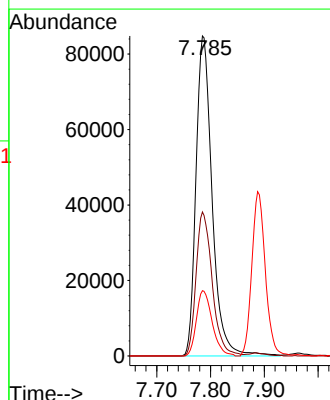
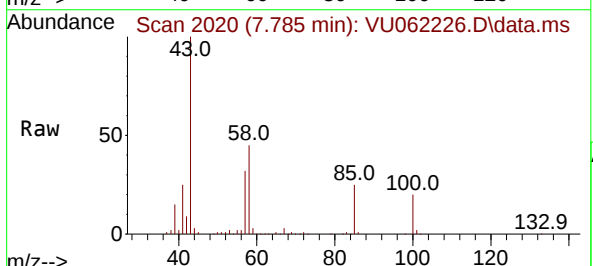
Instrument :
MSVOA_U
ClientSampleId :

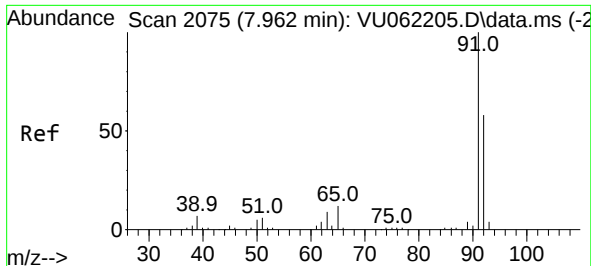
Tgt Ion: 75 Resp: 58039
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 51.191 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion: 43 Resp: 177012
Ion Ratio Lower Upper
43 100
58 44.9 33.3 49.9
100 19.9 12.4 18.6





#42

Toluene

Concen: 5.068 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

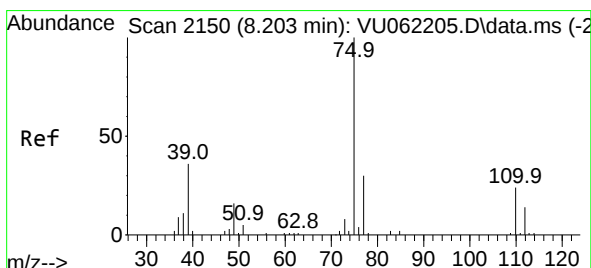
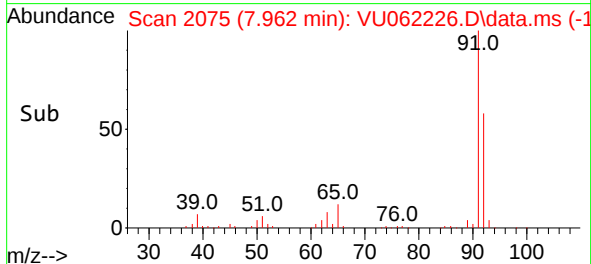
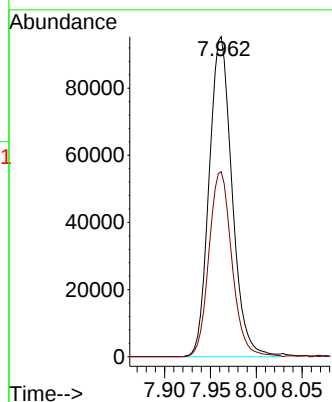
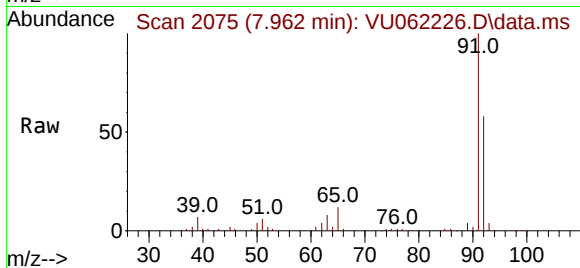
ClientSampleId :

Tgt Ion: 91 Resp: 165570

Ion Ratio Lower Upper

91 100

92 57.9 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.810 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062226.D

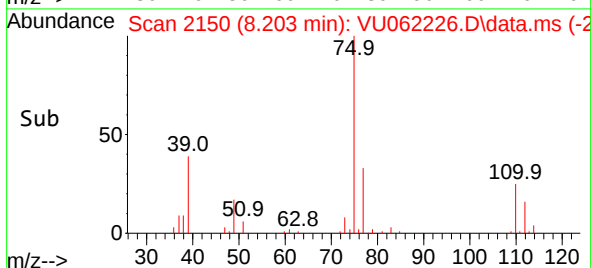
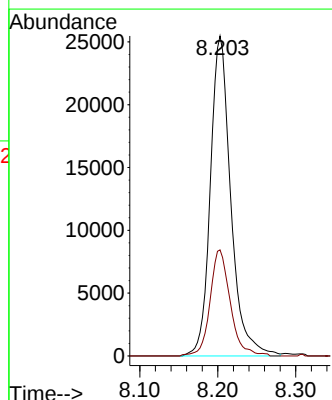
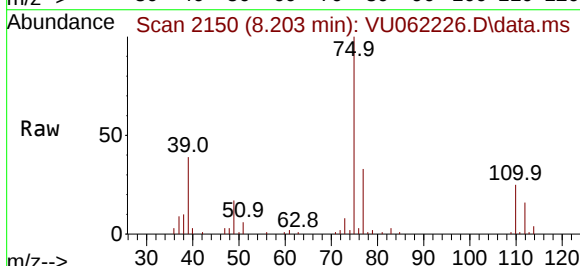
Acq: 10 Dec 2024 22:46

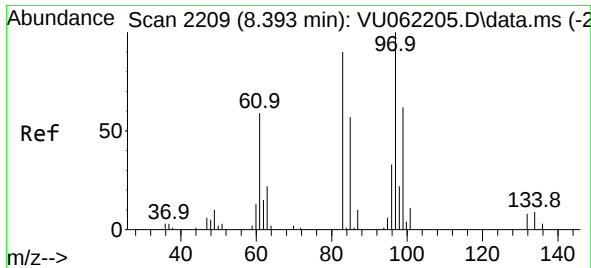
Tgt Ion: 75 Resp: 46449

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4

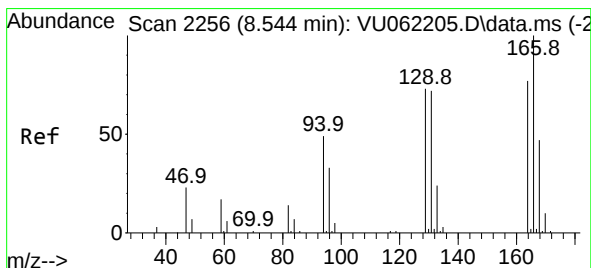
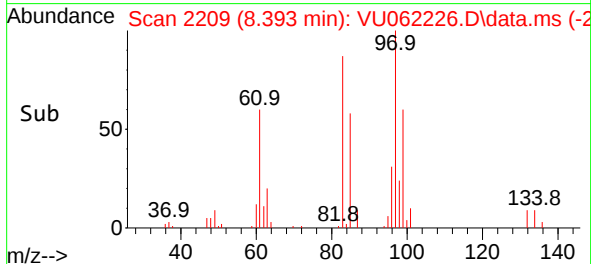
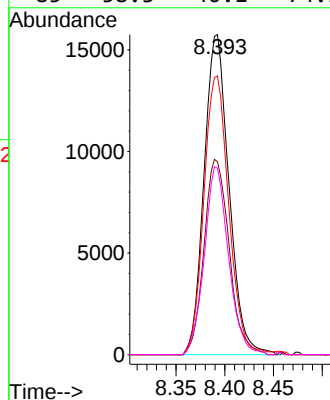
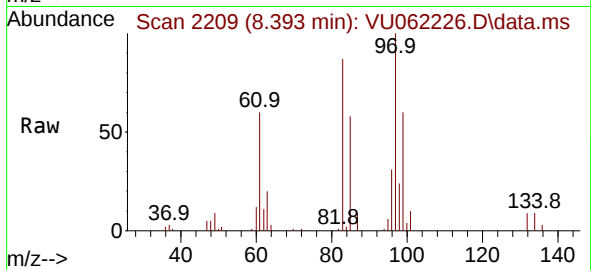




#45
1,1,2-Trichloroethane
Concen: 5.029 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

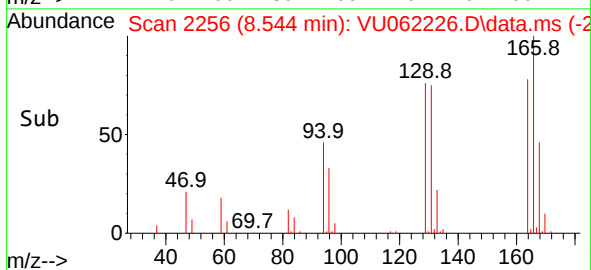
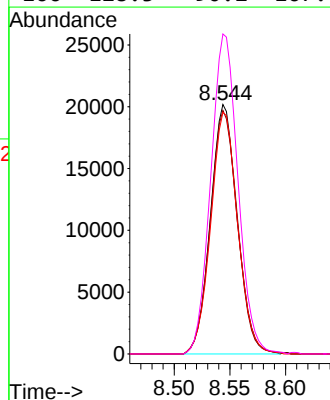
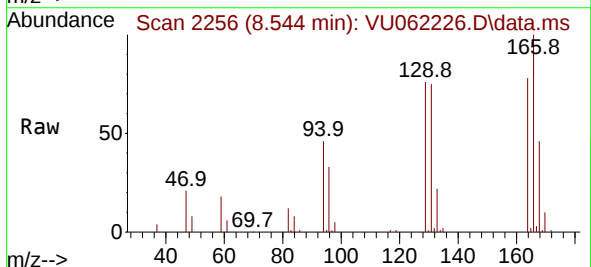
Instrument :
MSVOA_U
ClientSampleId :

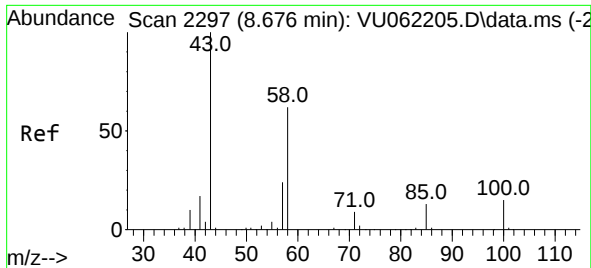
Tgt Ion:	97	Resp:	28012
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.0	79.8
83	87.1	61.7	114.5
85	58.3	40.1	74.5



#47
Tetrachloroethene
Concen: 5.102 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:	164	Resp:	33806
Ion	Ratio	Lower	Upper
164	100		
129	97.6	73.2	136.0
131	96.9	72.3	134.3
166	128.3	90.2	167.4

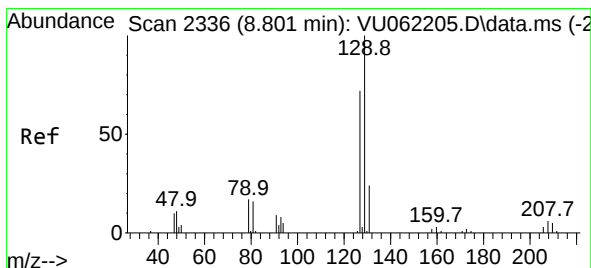
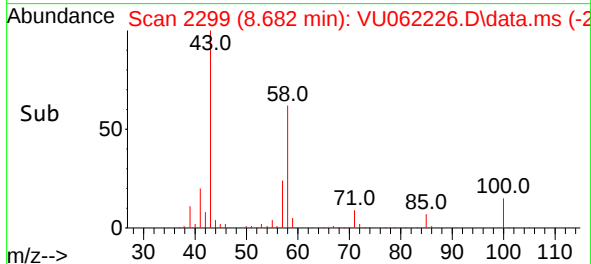
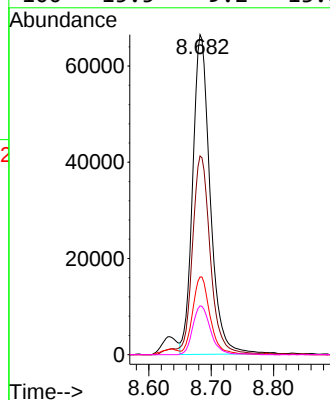
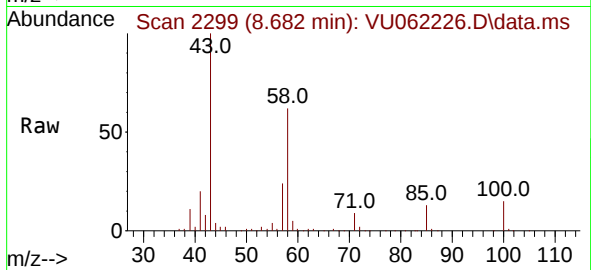




#48
2-Hexanone
Concen: 50.678 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

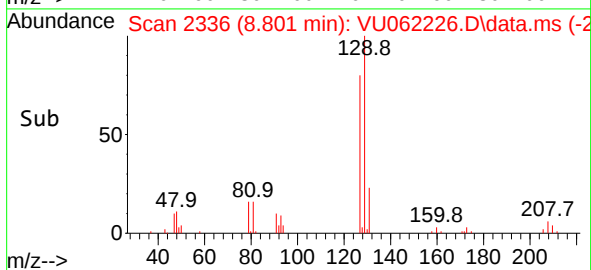
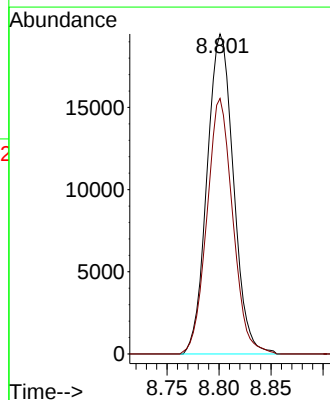
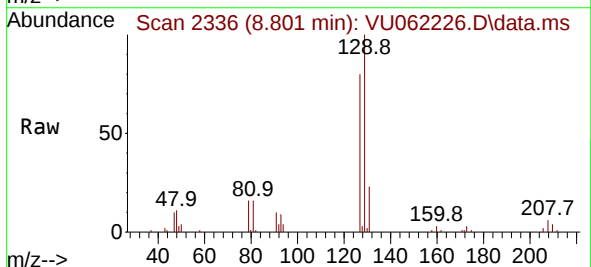
Instrument :
MSVOA_U
ClientSampleId :

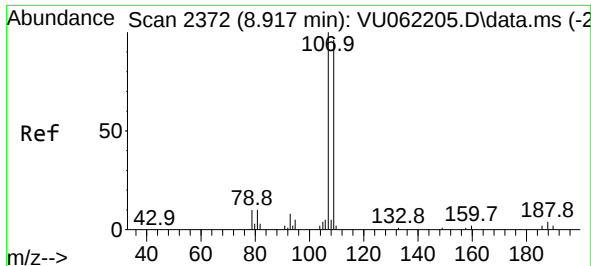
Tgt Ion:	43	Resp:	129507
Ion	Ratio	Lower	Upper
43	100		
58	64.8	47.5	71.3
57	24.1	15.6	23.4#
100	15.5	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.127 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:	129	Resp:	34501
Ion	Ratio	Lower	Upper
129	100		
127	79.9	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.097 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

ClientSampleId :

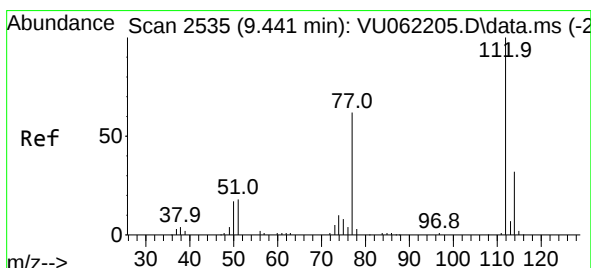
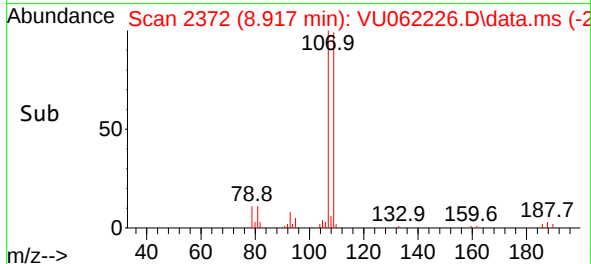
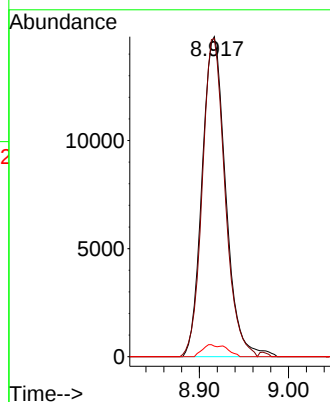
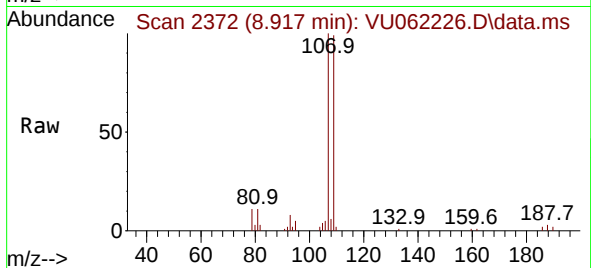
Tgt Ion:107 Resp: 27281

Ion Ratio Lower Upper

107 100

109 99.5 66.8 124.2

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 5.056 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

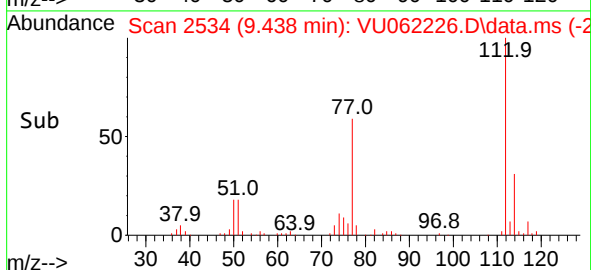
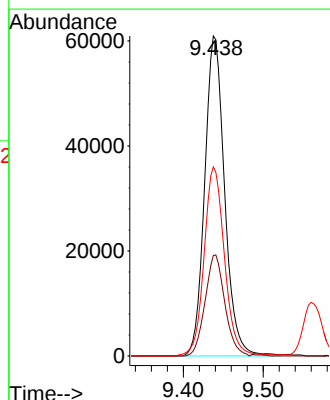
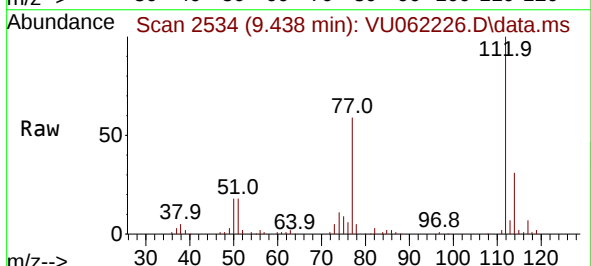
Tgt Ion:112 Resp: 105840

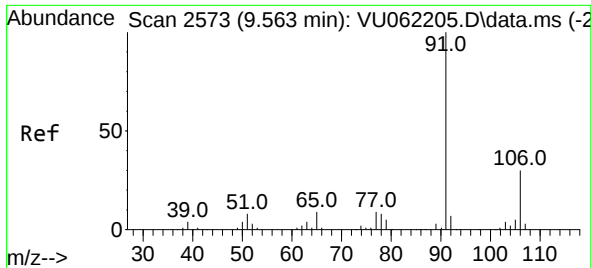
Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.6

77 59.1 50.5 75.7

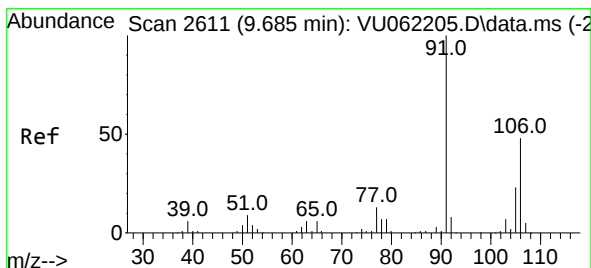
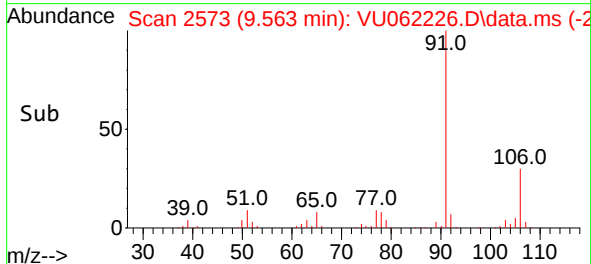
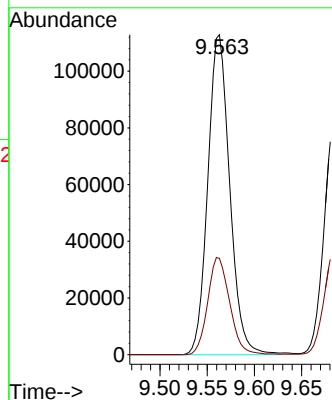
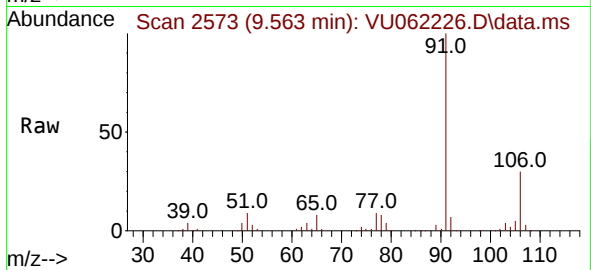




#52
Ethylbenzene
Concen: 4.961 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

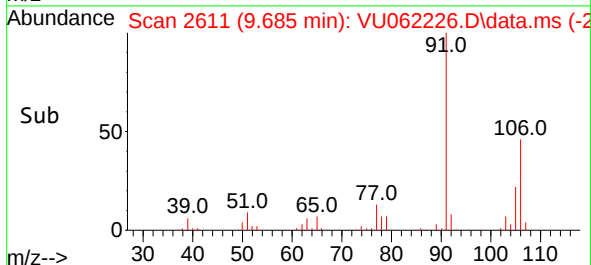
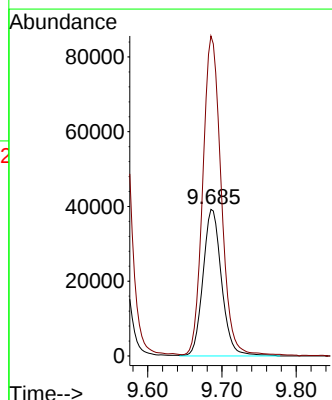
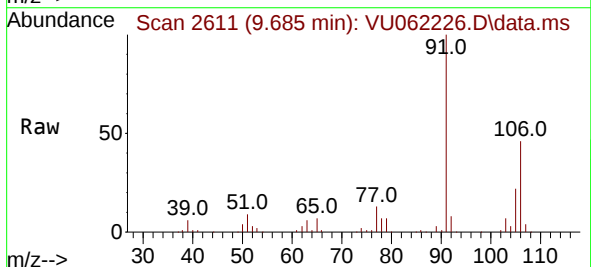
Instrument :
MSVOA_U
ClientSampleId :

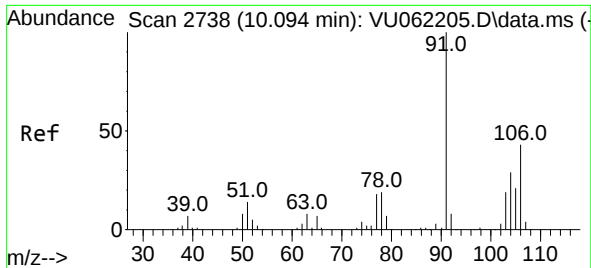
Tgt Ion: 91 Resp: 181717
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.048 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:106 Resp: 68261
Ion Ratio Lower Upper
106 100
91 218.3 147.6 274.0

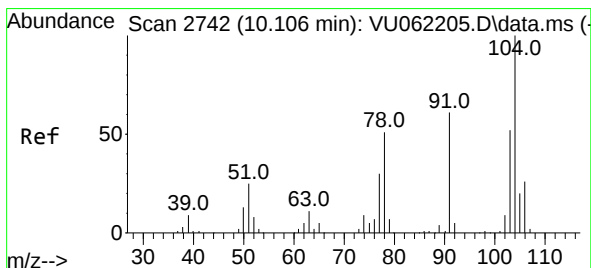
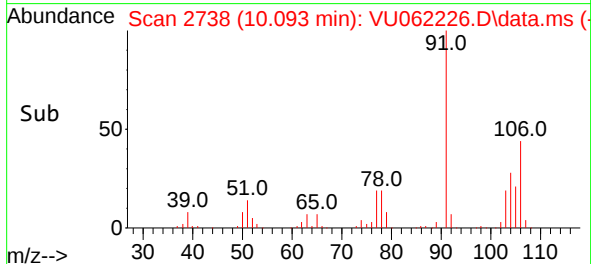
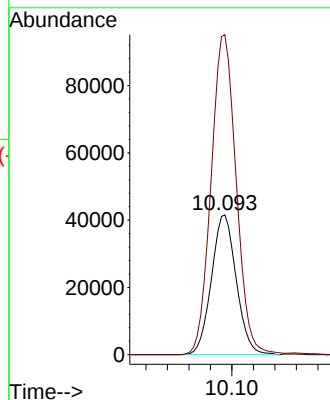
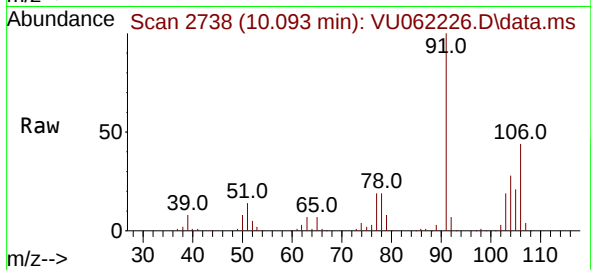




#54
o-Xylene
Concen: 5.063 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

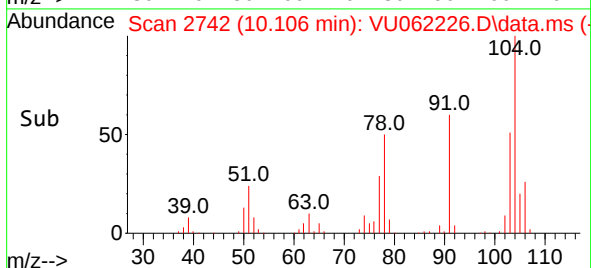
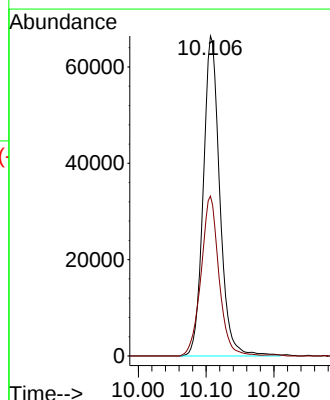
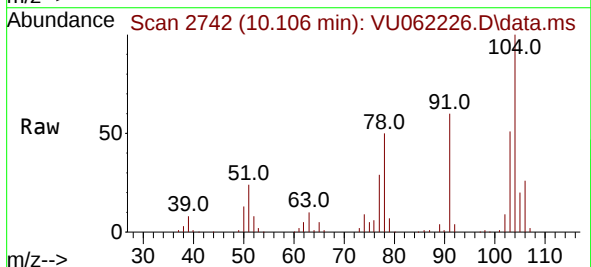
Instrument :
MSVOA_U
ClientSampleId :

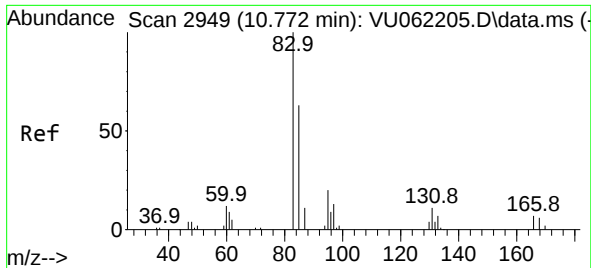
Tgt Ion:106 Resp: 66595
Ion Ratio Lower Upper
106 100
91 228.7 159.8 296.8



#55
Styrene
Concen: 5.191 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:104 Resp: 112552
Ion Ratio Lower Upper
104 100
78 50.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.220 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

ClientSampleId :

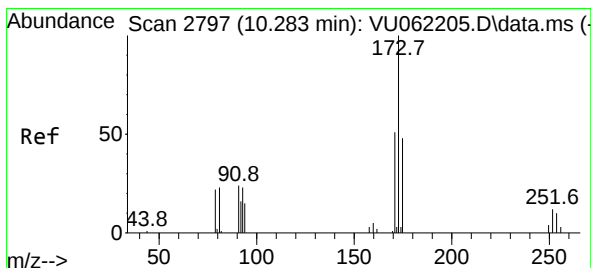
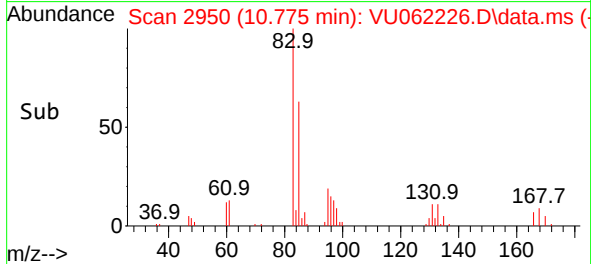
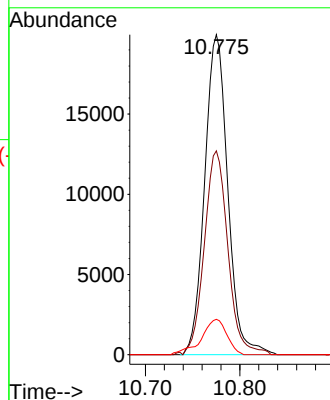
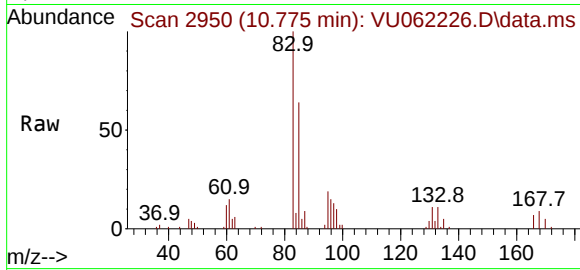
Tgt Ion: 83 Resp: 33838

Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.4

131 11.0 7.3 10.9#



#59

Bromoform

Concen: 5.044 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

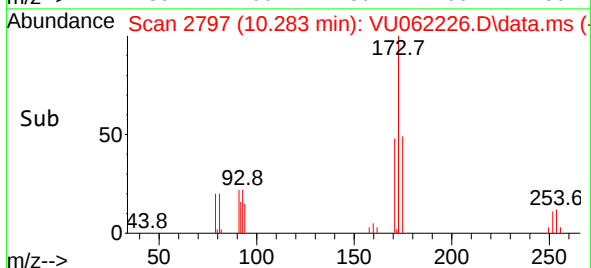
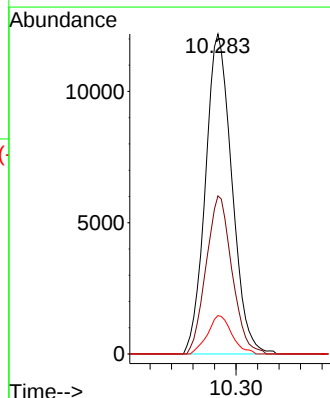
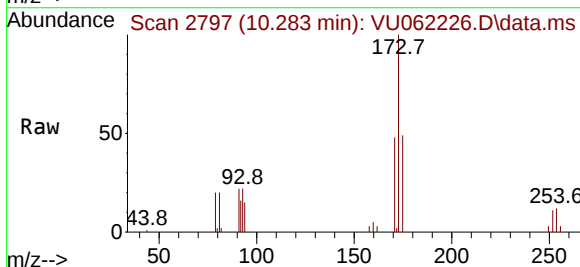
Tgt Ion:173 Resp: 20800

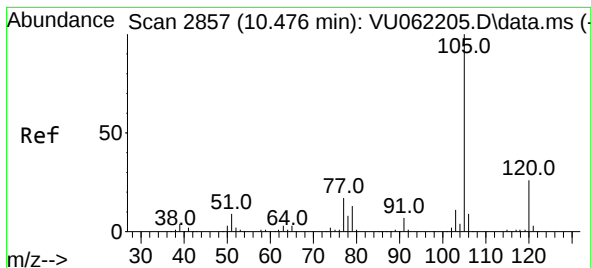
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.4

254 11.0 7.4 11.0





#60

Isopropylbenzene

Concen: 4.801 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

ClientSampleId :

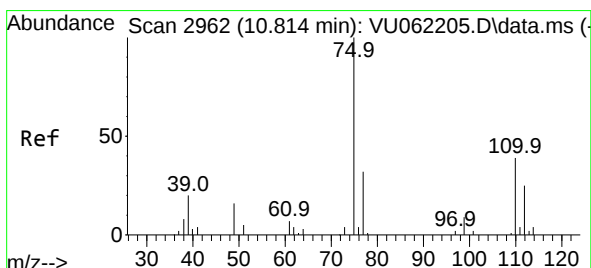
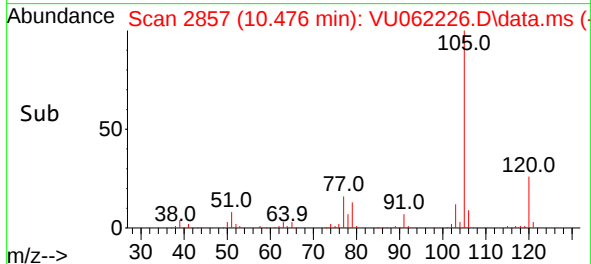
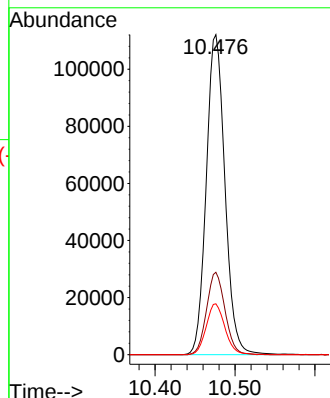
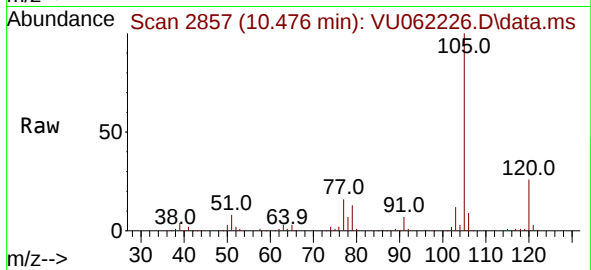
Tgt Ion:105 Resp: 182016

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.050 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

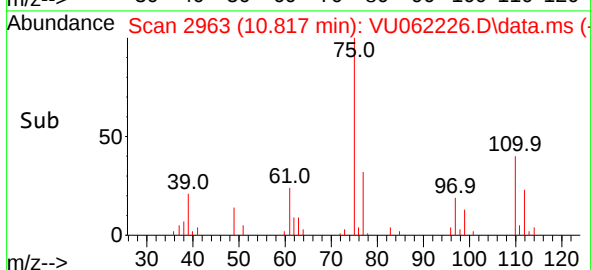
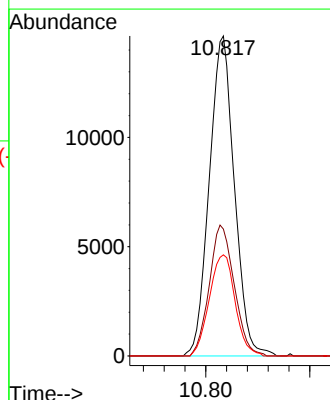
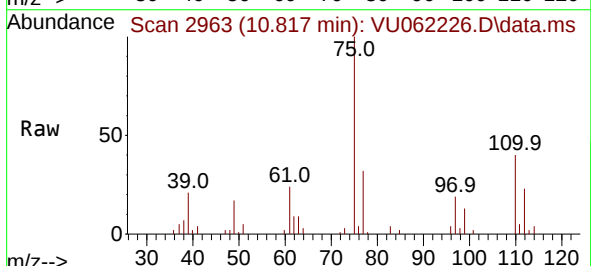
Tgt Ion: 75 Resp: 24505

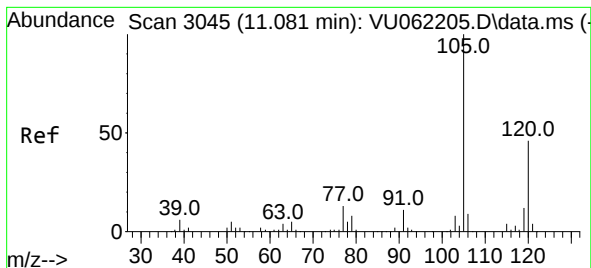
Ion Ratio Lower Upper

75 100

110 40.7 28.9 43.3

77 32.6 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.722 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

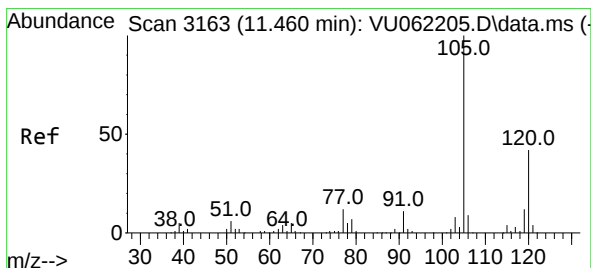
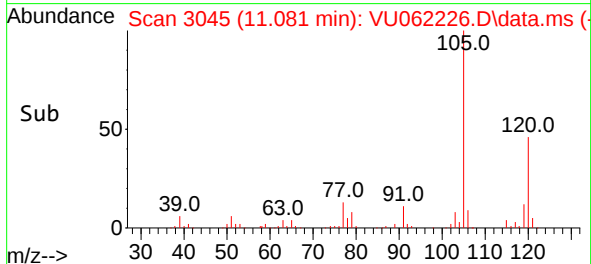
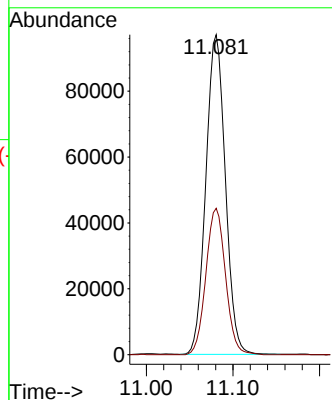
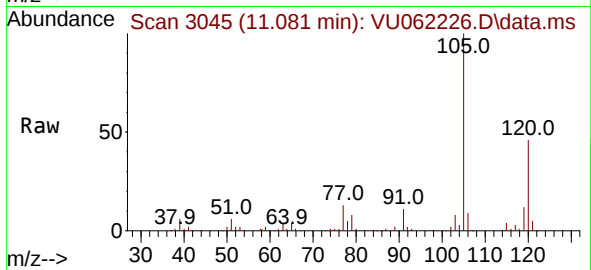
ClientSampleId :

Tgt Ion:105 Resp: 151484

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.852 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062226.D

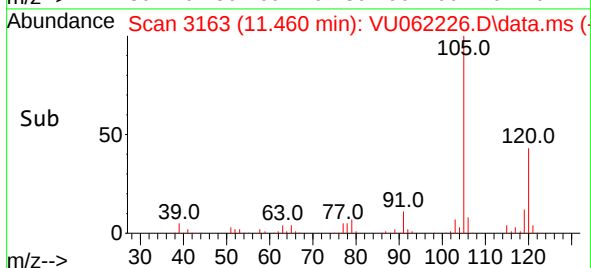
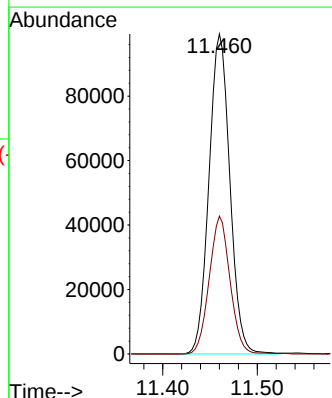
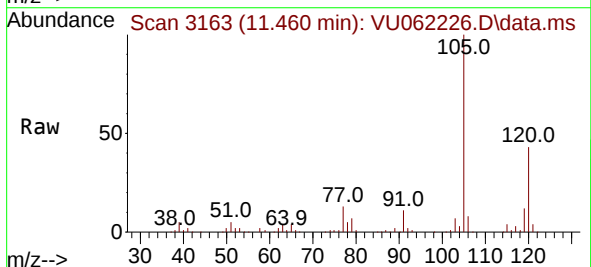
Acq: 10 Dec 2024 22:46

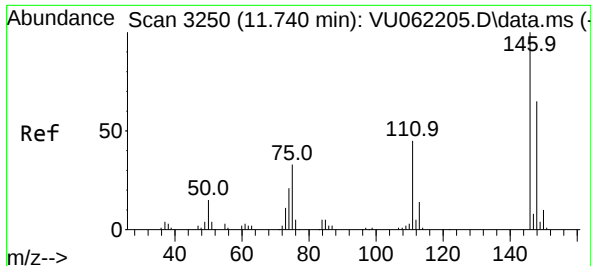
Tgt Ion:105 Resp: 152516

Ion Ratio Lower Upper

105 100

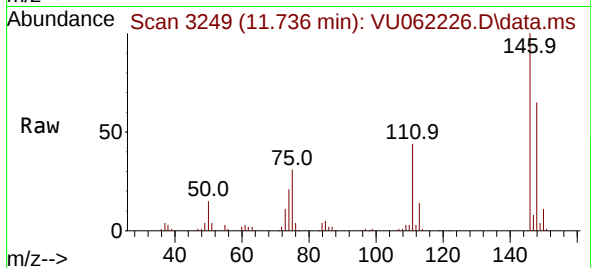
120 42.9 34.7 52.1



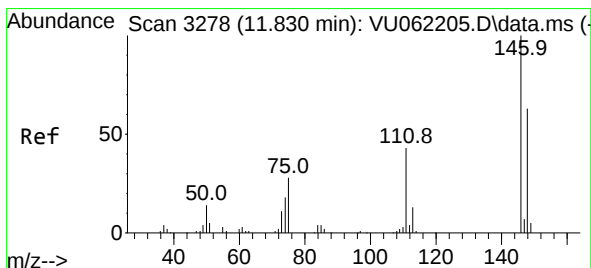
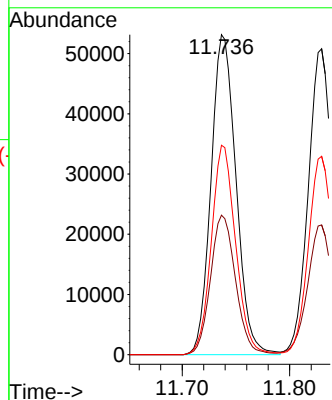
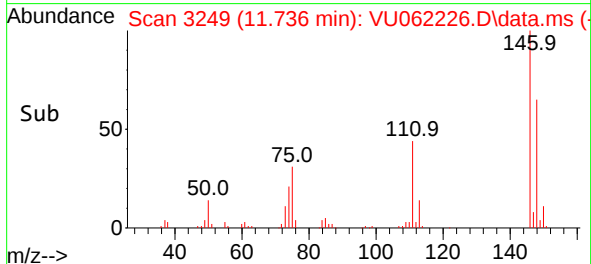


#64
1,3-Dichlorobenzene
Concen: 4.933 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

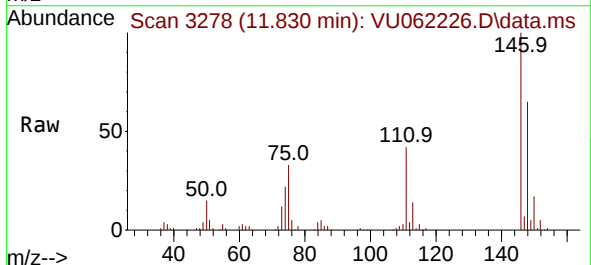
Instrument :
MSVOA_U
ClientSampleId :



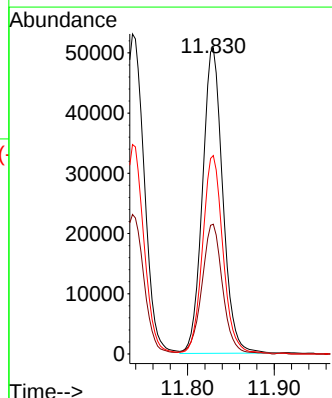
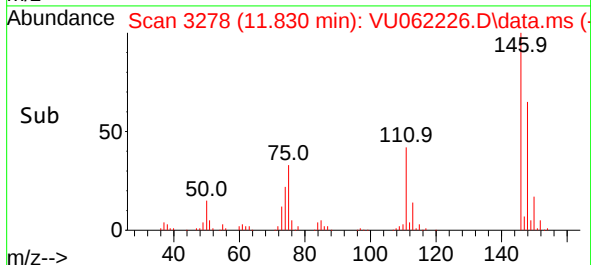
Tgt Ion:146 Resp: 85900
Ion Ratio Lower Upper
146 100
111 43.6 30.7 57.1
148 65.4 45.1 83.7

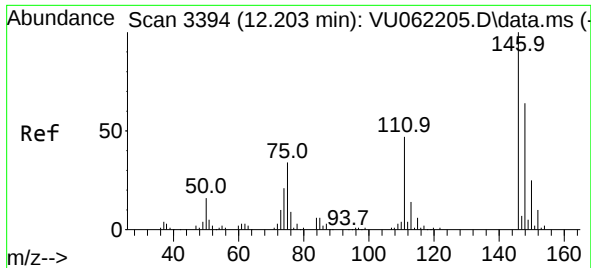


#65
1,4-Dichlorobenzene
Concen: 4.703 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46



Tgt Ion:146 Resp: 82471
Ion Ratio Lower Upper
146 100
111 42.4 29.3 54.3
148 64.9 44.6 82.8

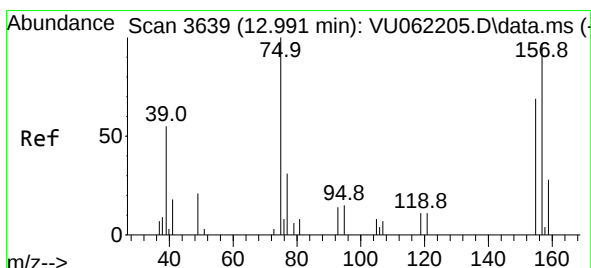
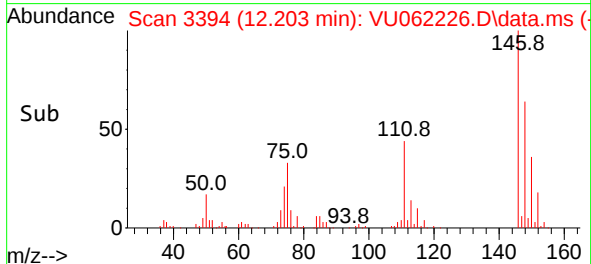
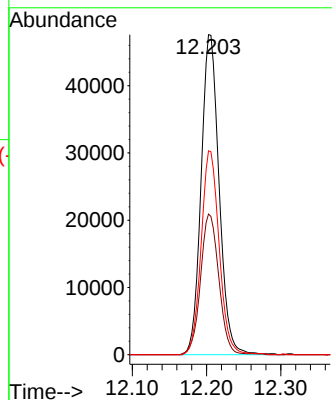
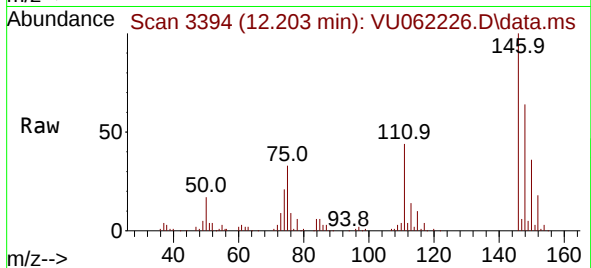




#67
1,2-Dichlorobenzene
Concen: 4.971 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

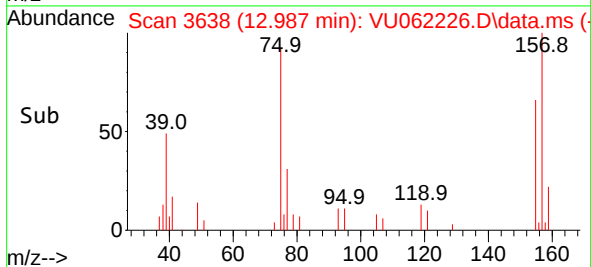
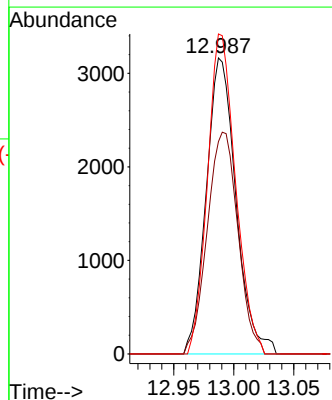
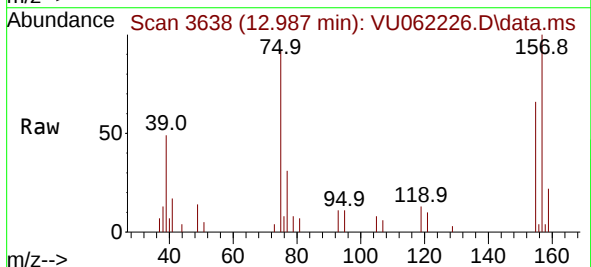
Instrument :
MSVOA_U
ClientSampleId :

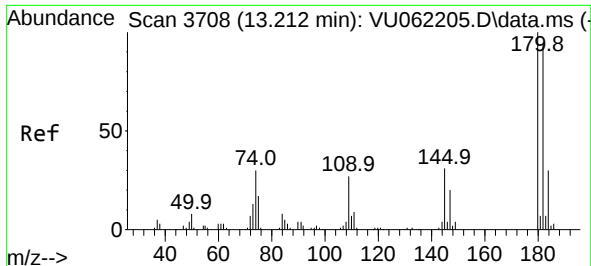
Tgt Ion:146 Resp: 80001
Ion Ratio Lower Upper
146 100
111 44.0 36.0 54.0
148 63.7 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.157 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion: 75 Resp: 5458
Ion Ratio Lower Upper
75 100
155 71.7 55.2 82.8
157 108.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.770 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

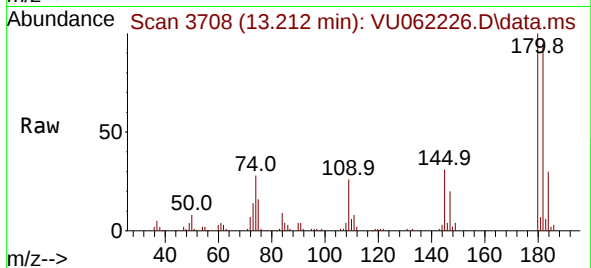
Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 61745

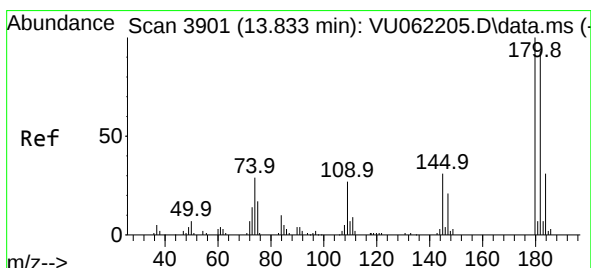
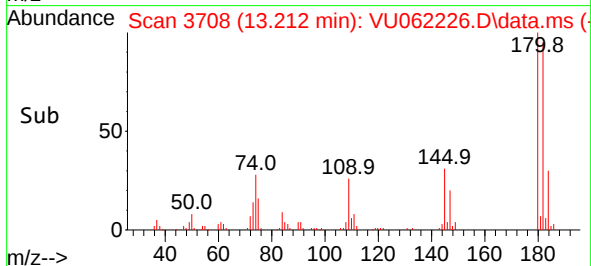
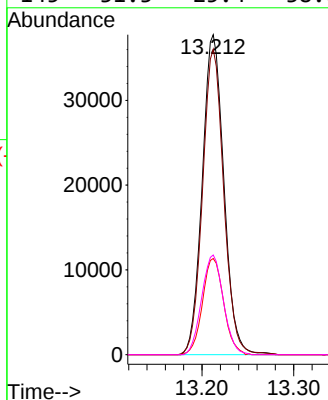
Ion Ratio Lower Upper

180 100

182 93.7 76.7 115.1

184 29.4 24.8 37.2

145 31.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.621 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062226.D

Acq: 10 Dec 2024 22:46

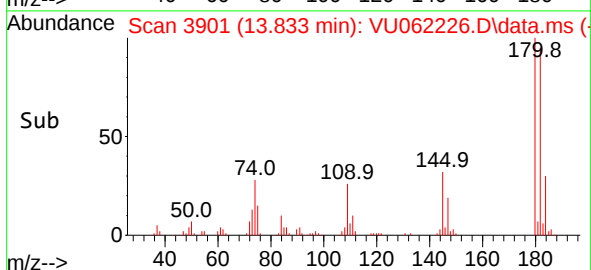
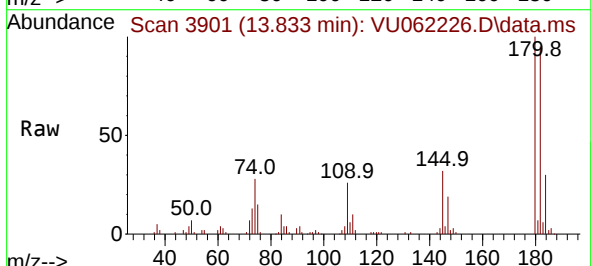
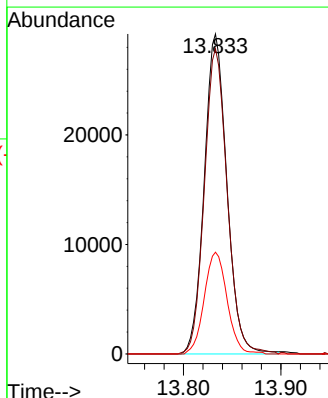
Tgt Ion:180 Resp: 47229

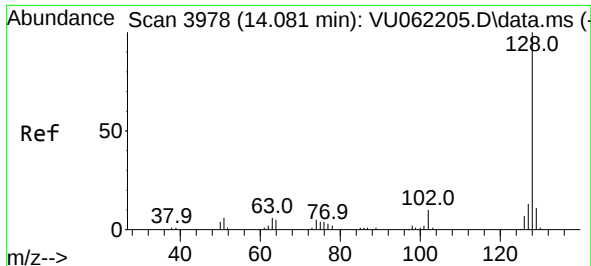
Ion Ratio Lower Upper

180 100

182 96.1 74.5 111.7

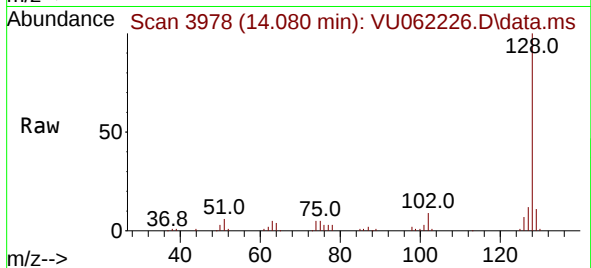
145 32.0 25.6 38.4



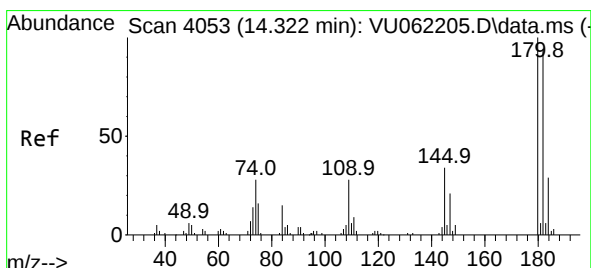
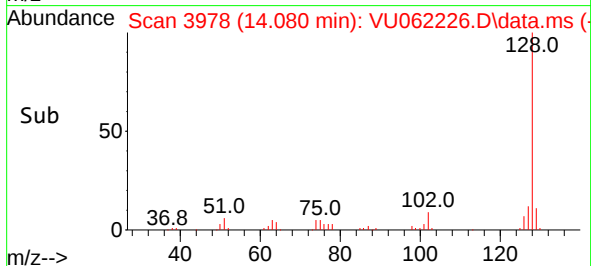
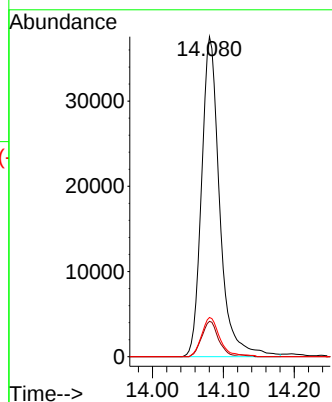


#71
Naphthalene
Concen: 4.350 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 66753
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.493 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062226.D
Acq: 10 Dec 2024 22:46

Tgt Ion:180 Resp: 40491
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
145 34.3 27.4 41.0

