

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062631.D
 Acq On : 27 Dec 2024 20:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 22:04:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	110897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25291	3.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.904	69	19584	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.557	65	13188	3.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.615	46	61782	43.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	5.052	84	67467	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	36322	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.714	84	114455	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.679	67	33220	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.888	98	114781	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.174	79	16145	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.624	63	56351	50.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28501	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	43138	4.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38762	3.731	ug/L	99
3) Chloromethane	1.515	50	28247	3.469	ug/L	99
5) Vinyl chloride	1.599	62	32943	3.886	ug/L	98
6) Bromomethane	1.850	94	22913	4.055	ug/L	94
8) Chloroethane	1.924	64	20910	4.404	ug/L	99
9) Trichlorofluoromethane	2.129	101	70030	4.759	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35720	4.460	ug/L	91
12) 1,1-Dichloroethene	2.570	96	31119	4.156	ug/L	87
13) Acetone	2.624	43	46509	47.649	ug/L	99
14) Carbon disulfide	2.782	76	79946	3.376	ug/L	99
15) Methyl Acetate	2.946	43	9689	3.961	ug/L #	85
16) Methylene chloride	3.033	84	34401	4.377	ug/L	90
17) Methyl tert-butyl Ether	3.351	73	91904	4.927	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	33244	4.321	ug/L	91
19) 1,1-Dichloroethane	3.856	63	62539	4.435	ug/L	97
21) 2-Butanone	4.695	43	66303	46.775	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	39231	4.549	ug/L	93
23) Bromochloromethane	4.962	128	18486	4.891	ug/L #	77
25) Chloroform	5.075	83	76964	4.845	ug/L	99

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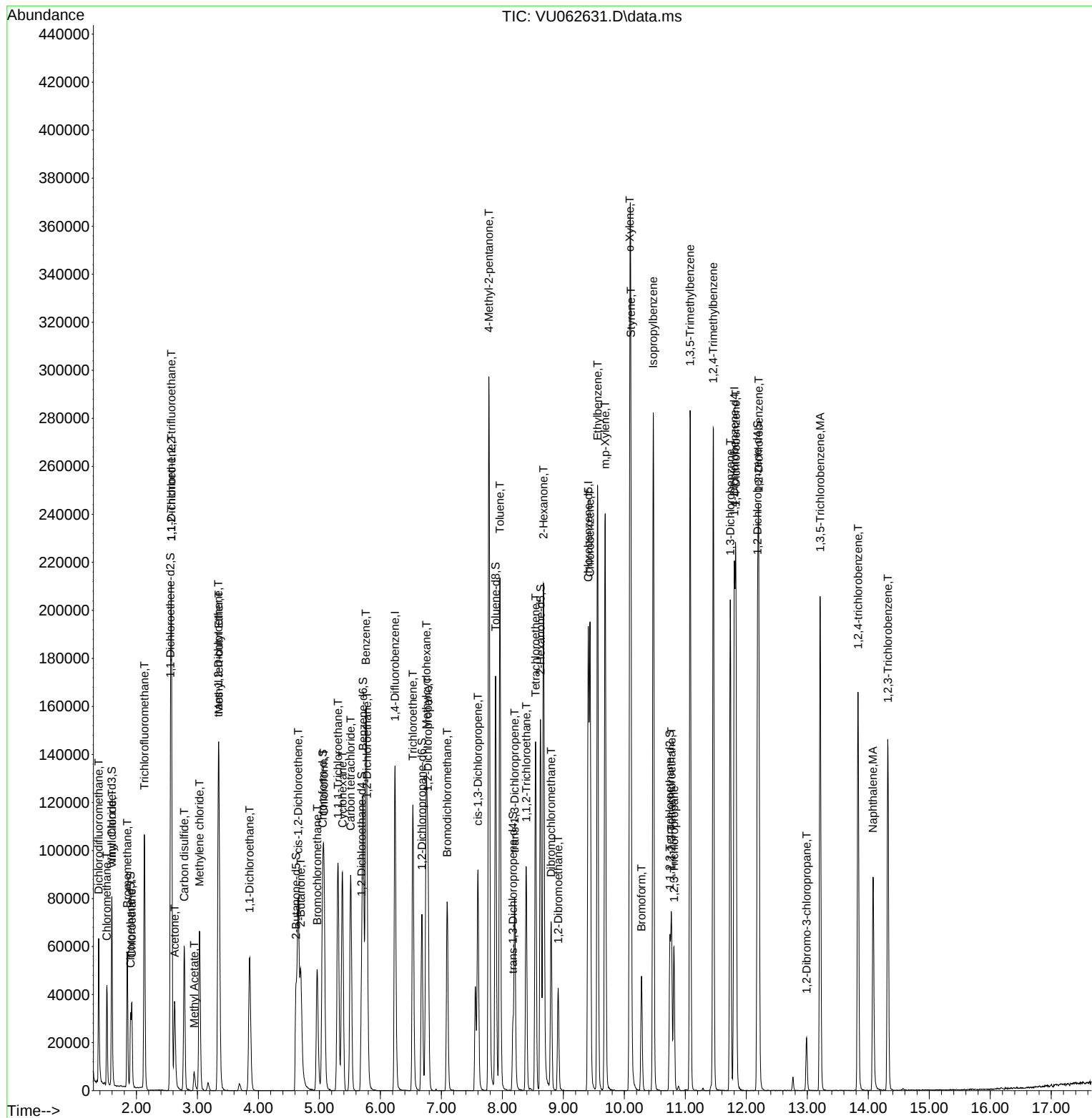
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	50493	5.002	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	72810	5.081	ug/L	95
30) Cyclohexane	5.377	56	44150	3.800	ug/L	88
31) Carbon tetrachloride	5.512	117	65493	4.984	ug/L	100
33) Benzene	5.763	78	139435	4.417	ug/L	100
34) Trichloroethene	6.531	95	43451	4.859	ug/L	97
35) Methylcyclohexane	6.753	83	52829	3.985	ug/L	94
37) 1,2-Dichloropropane	6.779	63	33985	4.421	ug/L	98
38) Bromodichloromethane	7.094	83	53738	4.955	ug/L #	98
39) cis-1,3-Dichloropropene	7.599	75	56263	4.566	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	169194	46.963	ug/L #	91
42) Toluene	7.959	91	155197	4.560	ug/L	96
44) trans-1,3-Dichloropropene	8.200	75	48990	4.869	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	28777	4.959	ug/L	99
47) Tetrachloroethene	8.544	164	32494	4.707	ug/L	91
48) 2-Hexanone	8.672	43	120229	45.156	ug/L #	93
49) Dibromochloromethane	8.798	129	36793	5.248	ug/L	96
50) 1,2-Dibromoethane	8.914	107	28222	5.061	ug/L #	98
51) Chlorobenzene	9.438	112	101292	4.644	ug/L	99
52) Ethylbenzene	9.560	91	176463	4.624	ug/L	97
53) m,p-Xylene	9.685	106	66790	4.740	ug/L	95
54) o-Xylene	10.090	106	66134	4.826	ug/L	97
55) Styrene	10.107	104	112983	5.002	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31947	4.730	ug/L #	94
59) Bromoform	10.280	173	22249	5.164	ug/L	98
60) Isopropylbenzene	10.473	105	185176	4.675	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24131	4.760	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	157734	4.706	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	157859	4.807	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	84887	4.666	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	85534	4.669	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80568	4.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6530	5.905	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	64896	4.798	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	52122	4.881	ug/L	96
71) Naphthalene	14.077	128	79186	4.939	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46167	4.903	ug/L	98

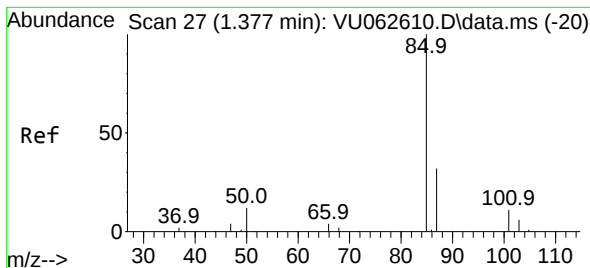
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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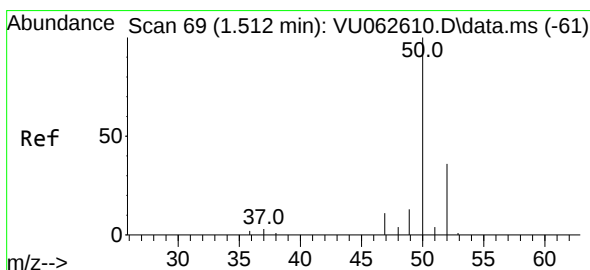
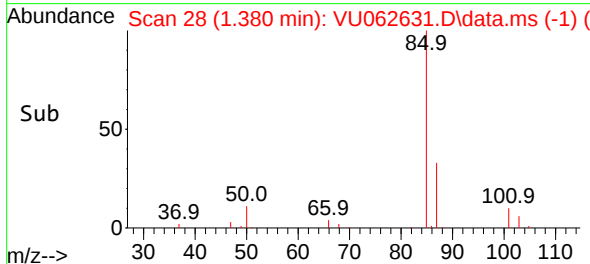
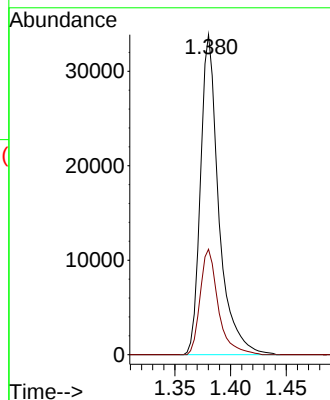
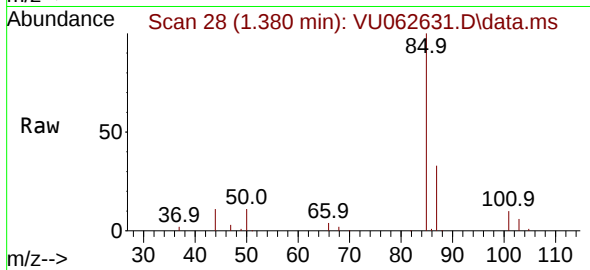




#2
Dichlorodifluoromethane
Concen: 3.731 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

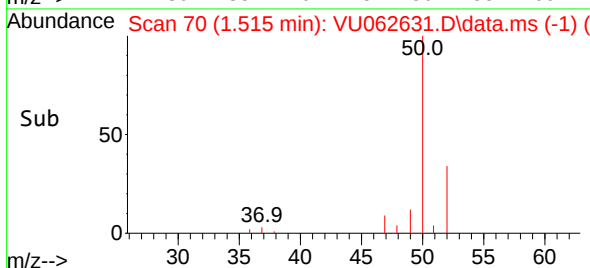
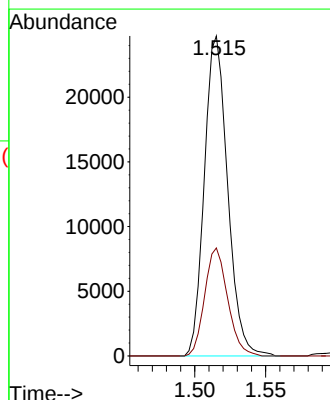
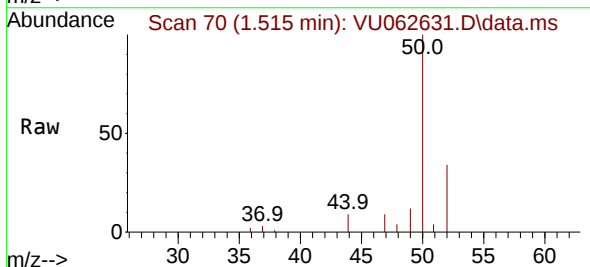
Instrument :
MSVOA_U
ClientSampleId :

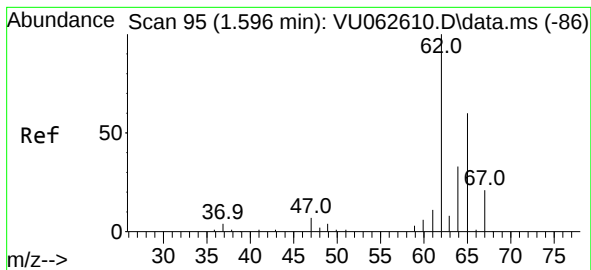
Tgt Ion: 85 Resp: 38762
Ion Ratio Lower Upper
85 100
87 32.5 26.6 40.0



#3
Chloromethane
Concen: 3.469 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 50 Resp: 28247
Ion Ratio Lower Upper
50 100
52 33.7 23.1 42.9





#5

Vinyl chloride

Concen: 3.886 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

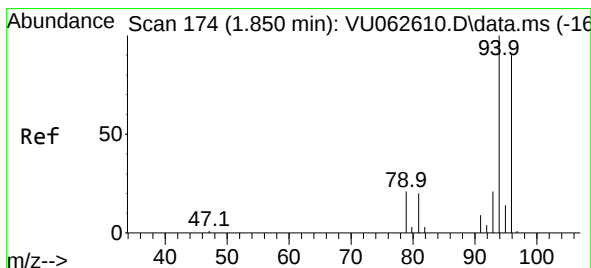
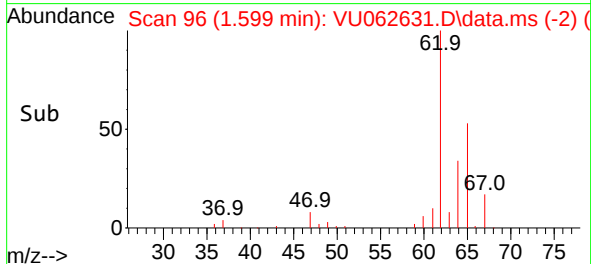
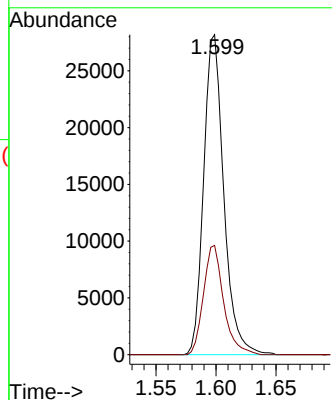
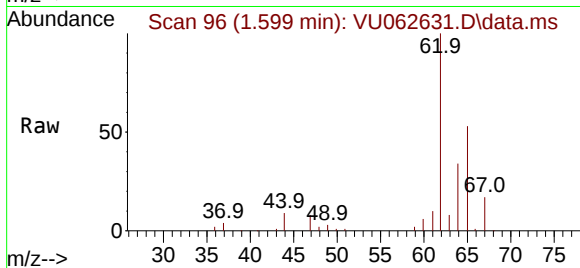
ClientSampleId :

Tgt Ion: 62 Resp: 32943

Ion Ratio Lower Upper

62 100

64 34.1 23.1 42.9



#6

Bromomethane

Concen: 4.055 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU062631.D

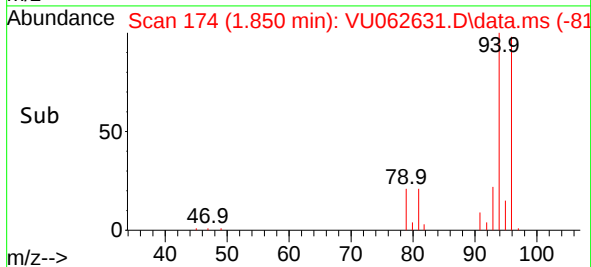
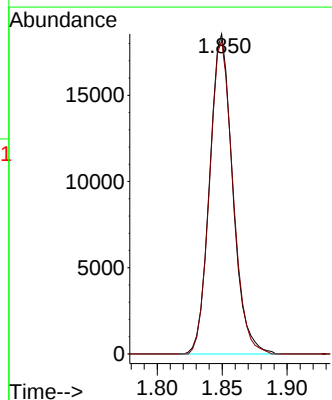
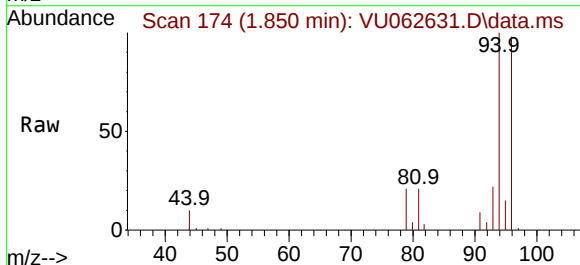
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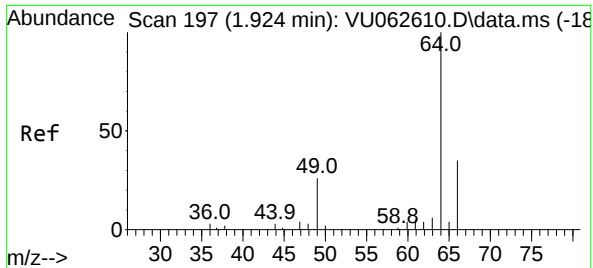
Tgt Ion: 94 Resp: 22913

Ion Ratio Lower Upper

94 100

96 98.0 64.5 119.9

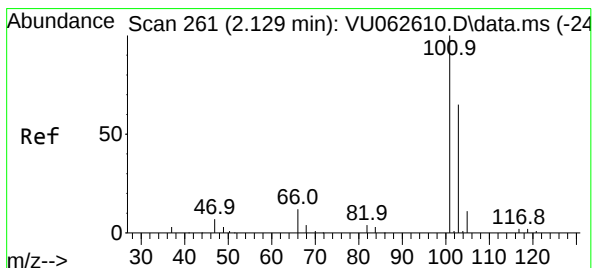
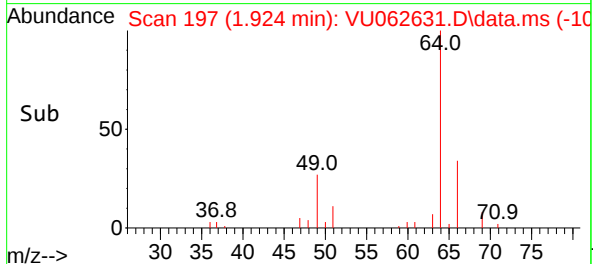
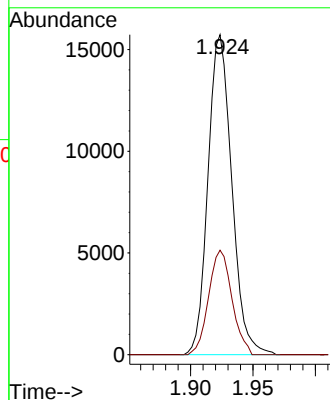
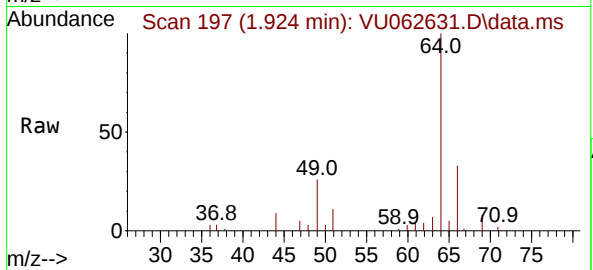




#8
Chloroethane
Concen: 4.404 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

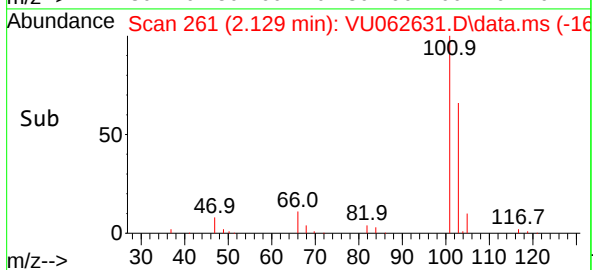
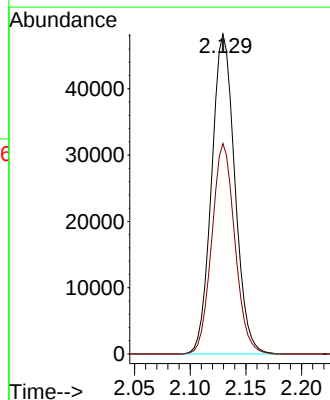
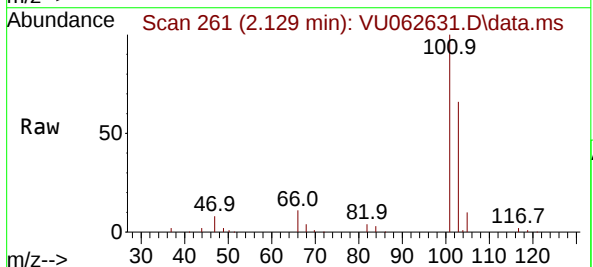
Instrument :
MSVOA_U
ClientSampleId :

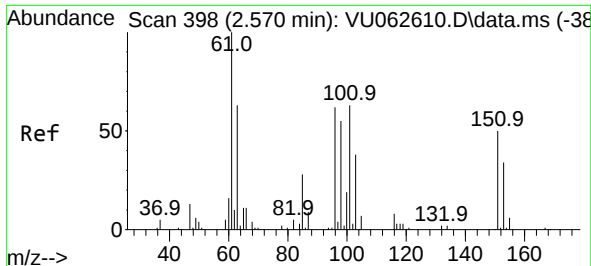
Tgt Ion: 64 Resp: 20910
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.759 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion:101 Resp: 70030
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

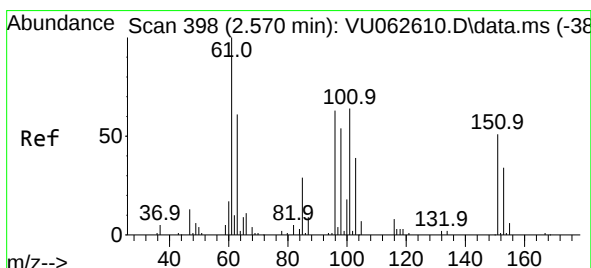
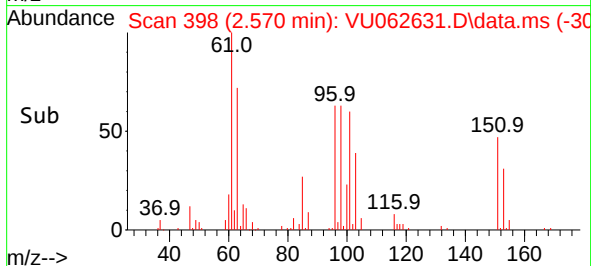
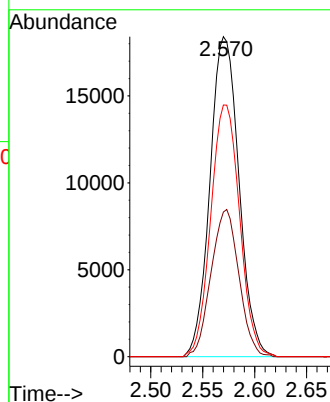
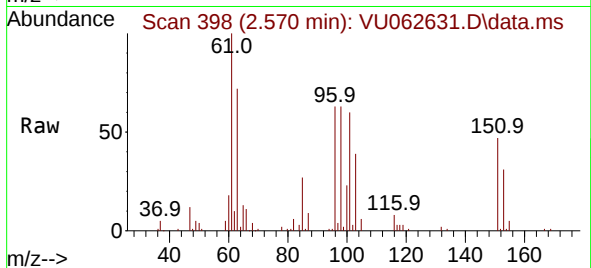




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.460 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062631.D
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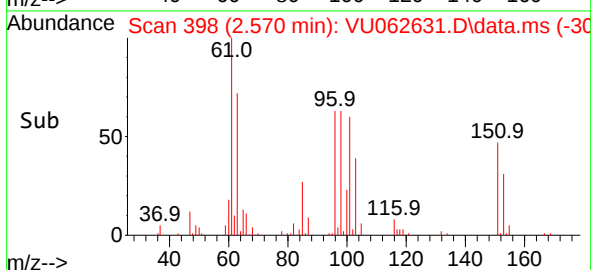
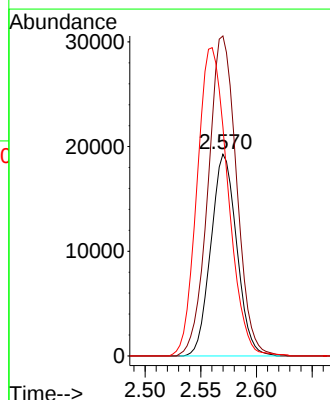
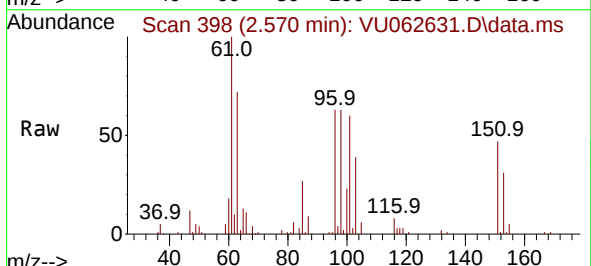
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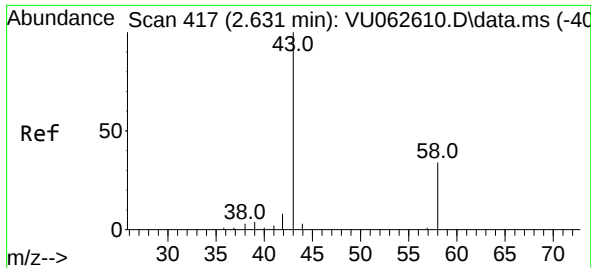
Tgt Ion:101 Resp: 35720
Ion Ratio Lower Upper
101 100
85 44.1 38.0 57.0
151 78.3 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.156 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 96 Resp: 31119
Ion Ratio Lower Upper
96 100
61 158.5 119.6 222.2
63 113.5 65.0 120.6





#13

Acetone

Concen: 47.649 ug/L

RT: 2.624 min Scan# 415

Delta R.T. -0.007 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

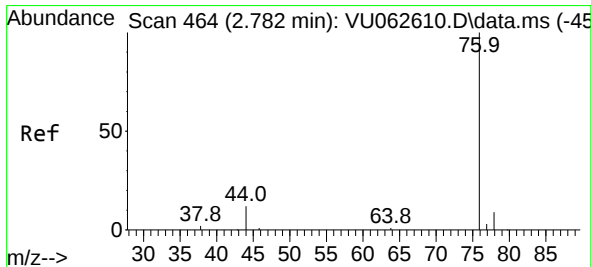
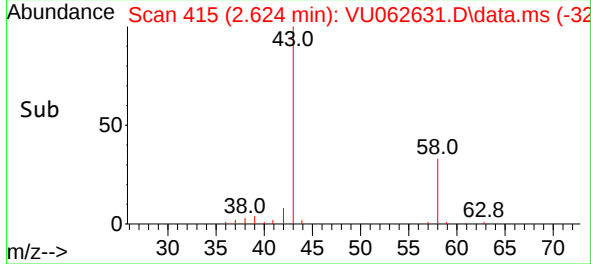
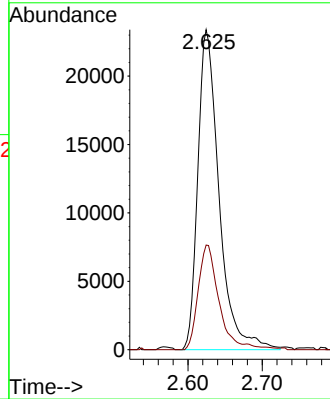
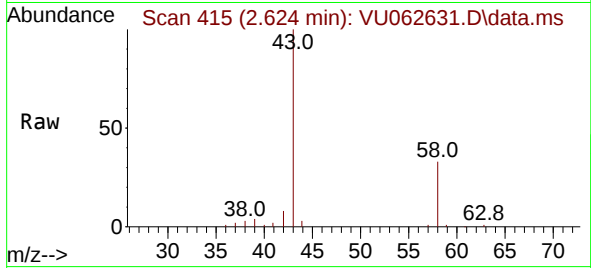
ClientSampleId :

Tgt Ion: 43 Resp: 46509

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.0



#14

Carbon disulfide

Concen: 3.376 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062631.D

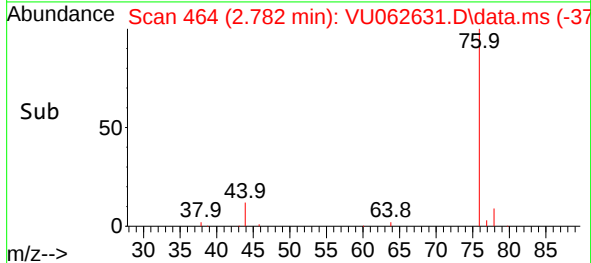
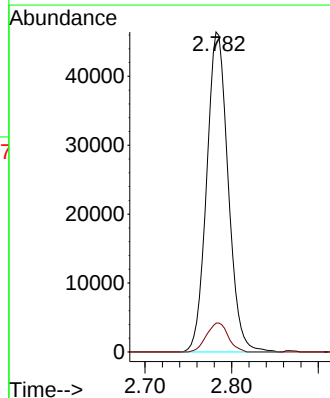
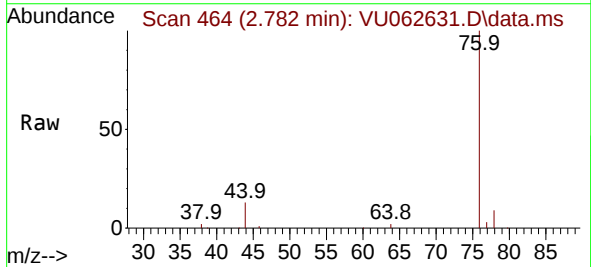
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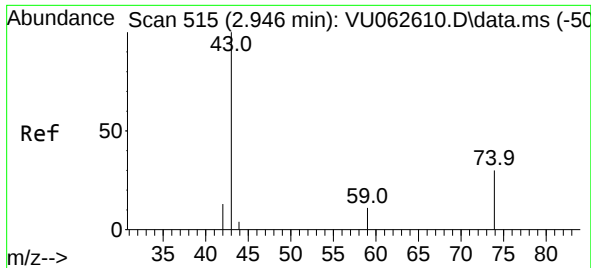
Tgt Ion: 76 Resp: 79946

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

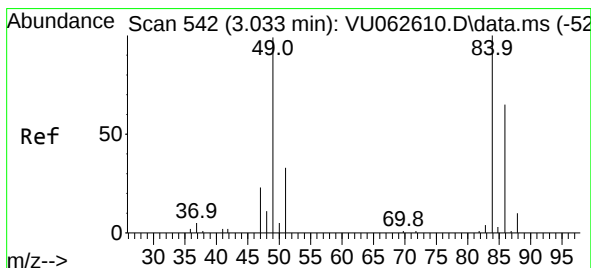
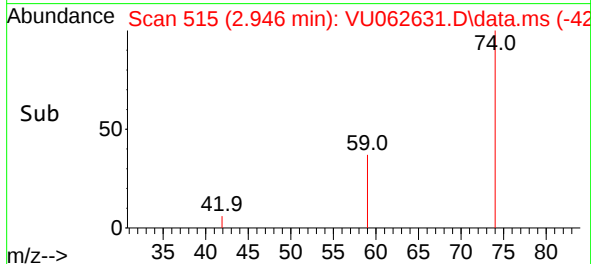
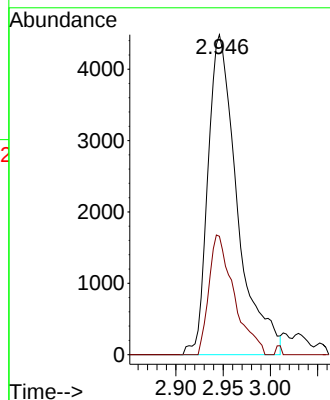
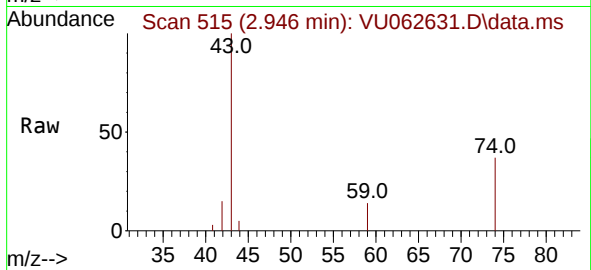




#15
Methyl Acetate
Concen: 3.961 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

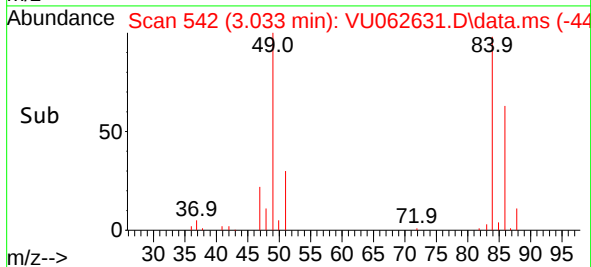
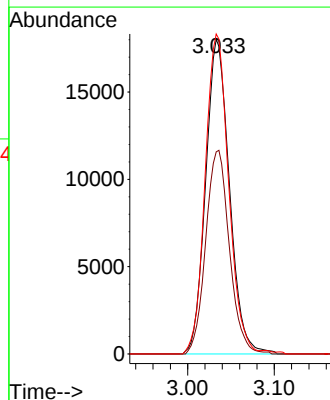
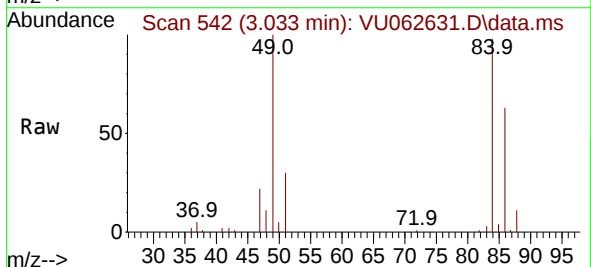
Instrument :
MSVOA_U
ClientSampleId :

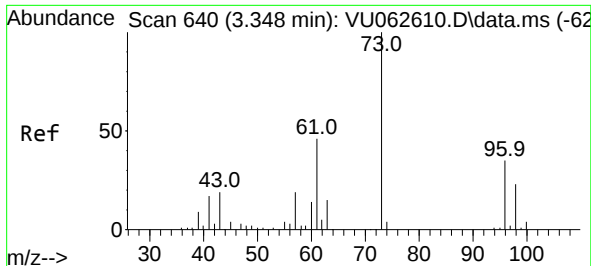
Tgt Ion: 43 Resp: 9689
Ion Ratio Lower Upper
43 100
74 31.9 19.4 29.2#



#16
Methylene chloride
Concen: 4.377 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

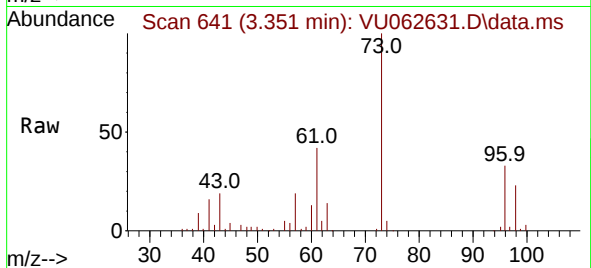
Tgt Ion: 84 Resp: 34401
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.7
49 101.7 81.9 152.1



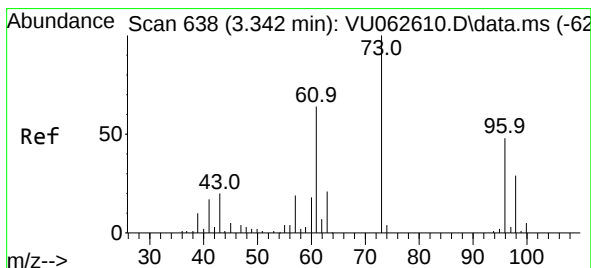
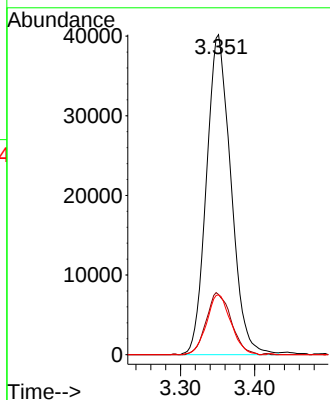
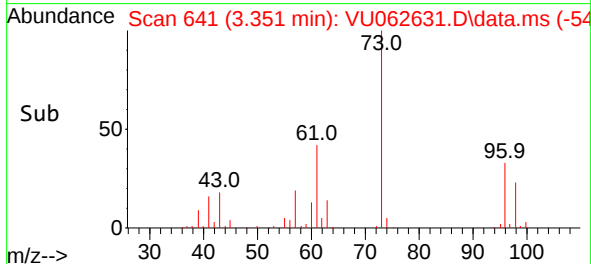


#17
Methyl tert-butyl Ether
Concen: 4.927 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Instrument :
MSVOA_U
ClientSampleId :

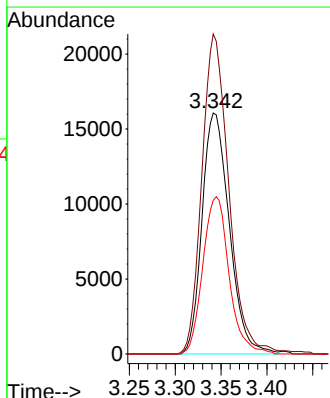
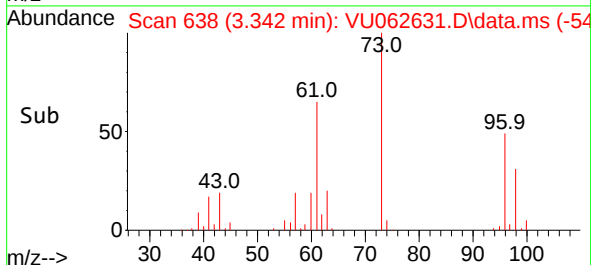
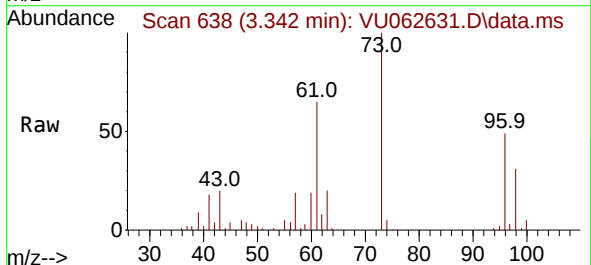


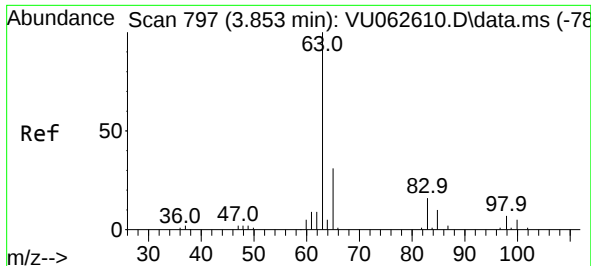
Tgt Ion: 73 Resp: 91904
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 18.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.321 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 96 Resp: 33244
Ion Ratio Lower Upper
96 100
61 132.8 104.2 193.4
98 63.8 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.435 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

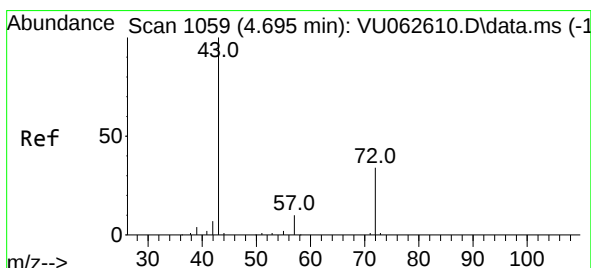
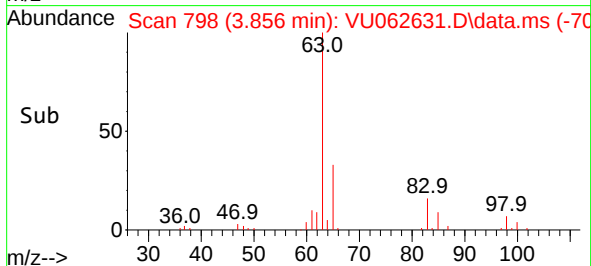
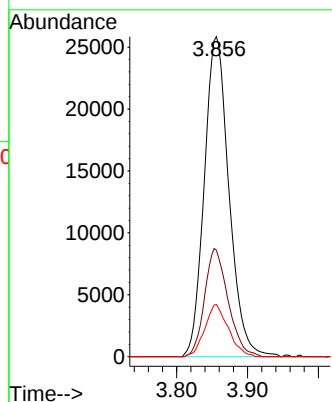
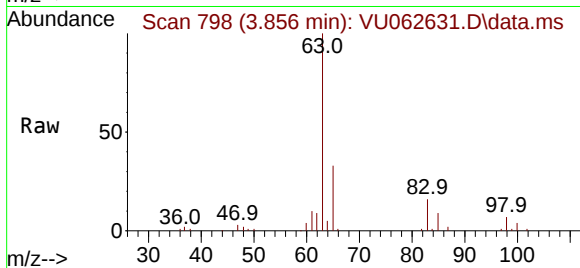
Tgt Ion: 63 Resp: 62539

Ion Ratio Lower Upper

63 100

65 33.3 22.7 42.3

83 16.3 9.9 18.3



#21

2-Butanone

Concen: 46.775 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VU062631.D

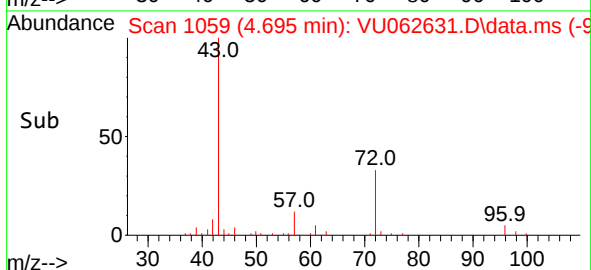
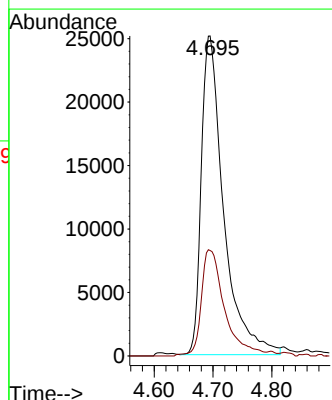
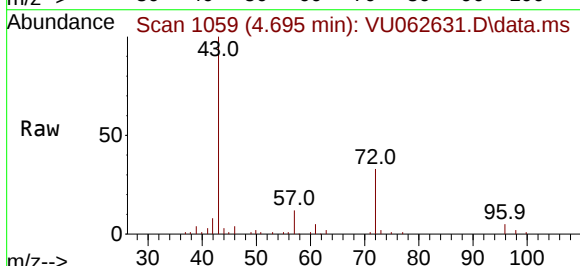
Acq: 27 Dec 2024 20:37

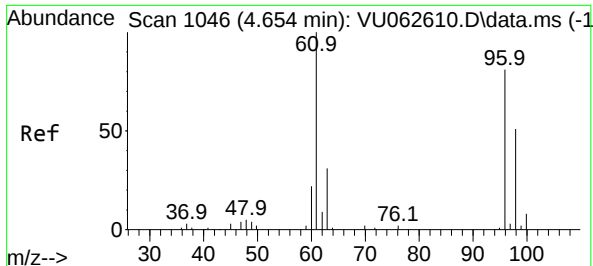
Tgt Ion: 43 Resp: 66303

Ion Ratio Lower Upper

43 100

72 34.6 14.8 44.4

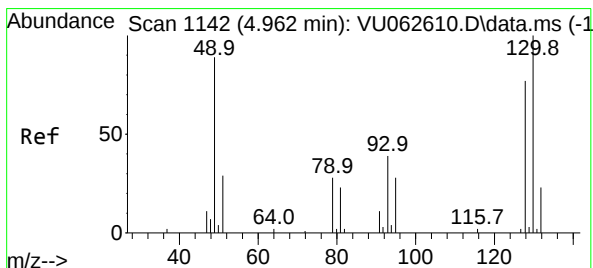
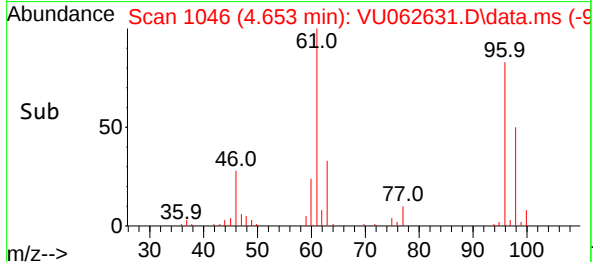
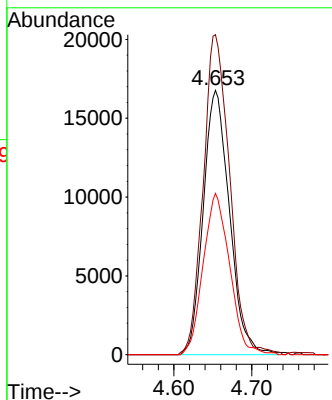
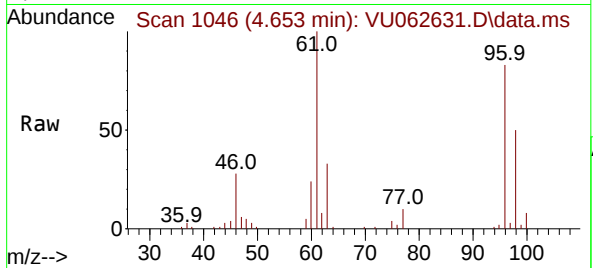




#22
 cis-1,2-Dichloroethene
 Concen: 4.549 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062631.D
 Acq: 27 Dec 2024 20:37

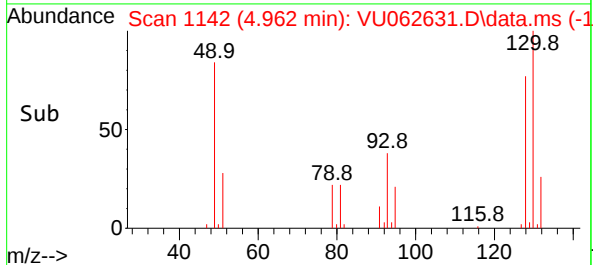
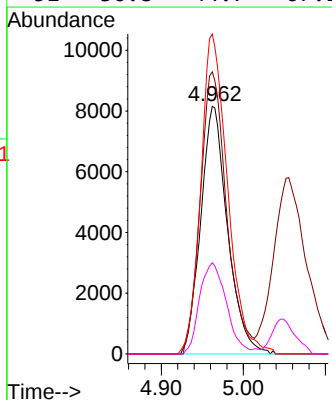
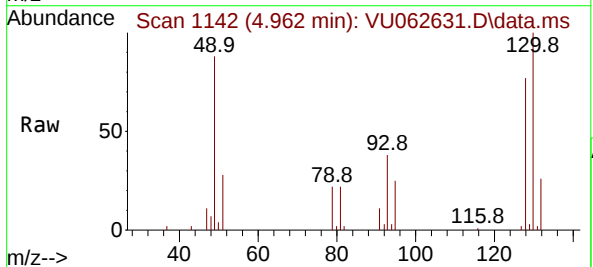
Instrument :
 MSVOA_U
 ClientSampleId :

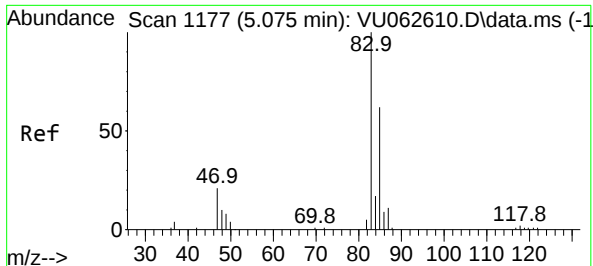
Tgt Ion: 96 Resp: 39231
 Ion Ratio Lower Upper
 96 100
 61 121.0 92.0 170.8
 98 61.0 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.891 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VU062631.D
 Acq: 27 Dec 2024 20:37

Tgt Ion:128 Resp: 18486
 Ion Ratio Lower Upper
 128 100
 49 113.9 115.3 214.1#
 130 129.2 92.0 170.8
 51 36.8 44.7 67.1#





#25

Chloroform

Concen: 4.845 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

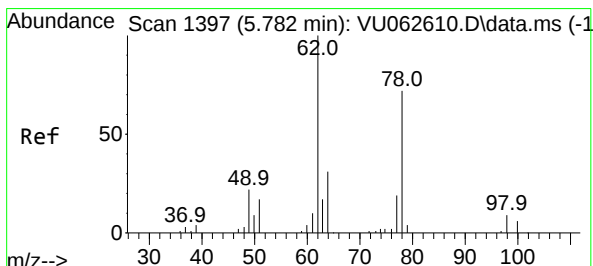
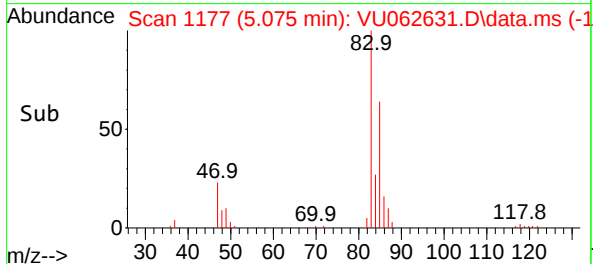
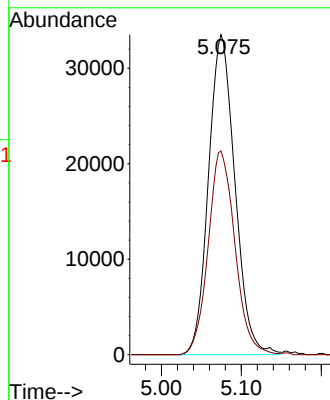
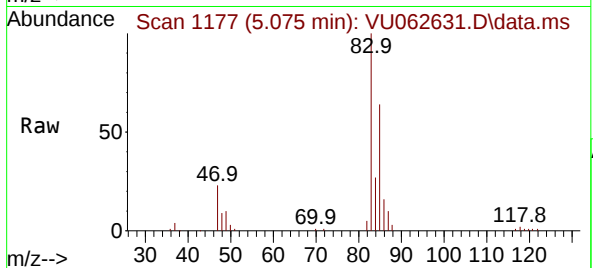
ClientSampleId :

Tgt Ion: 83 Resp: 76964

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.002 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062631.D

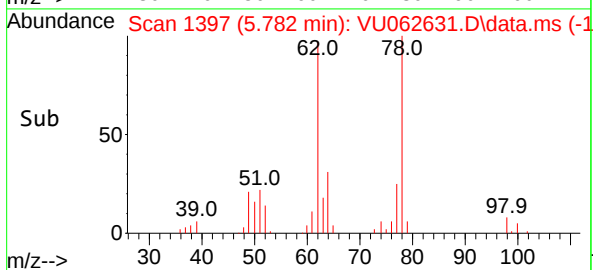
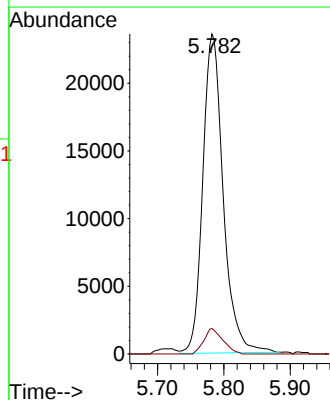
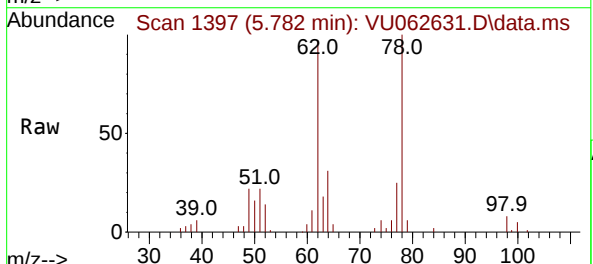
Acq: 27 Dec 2024 20:37

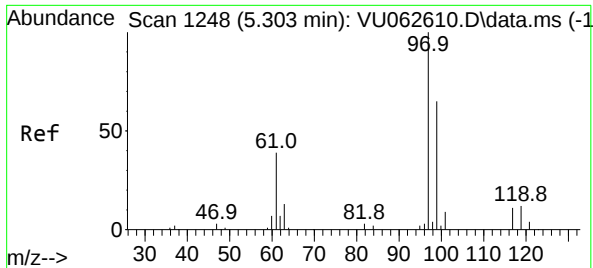
Tgt Ion: 62 Resp: 50493

Ion Ratio Lower Upper

62 100

98 7.9 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.081 ug/L

RT: 5.303 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

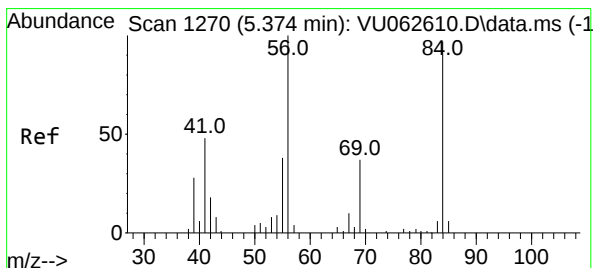
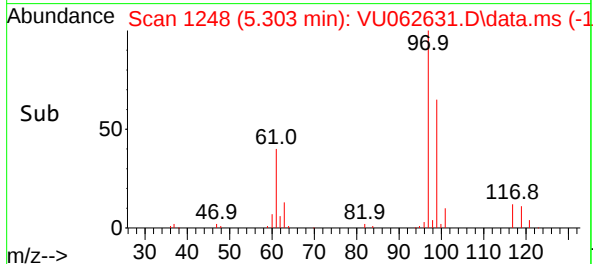
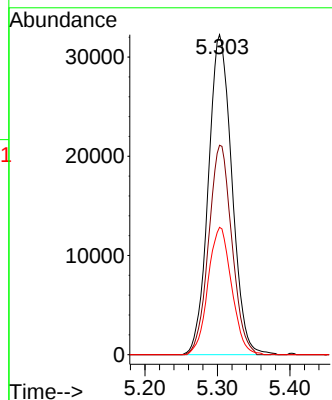
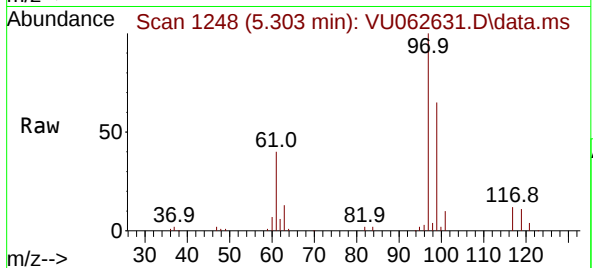
Tgt Ion: 97 Resp: 72810

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 39.8 37.8 56.6



#30

Cyclohexane

Concen: 3.800 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

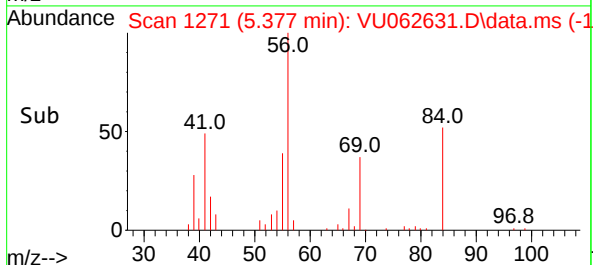
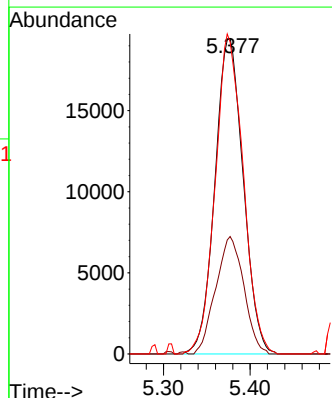
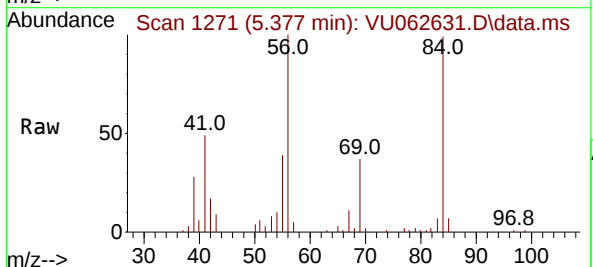
Tgt Ion: 56 Resp: 44150

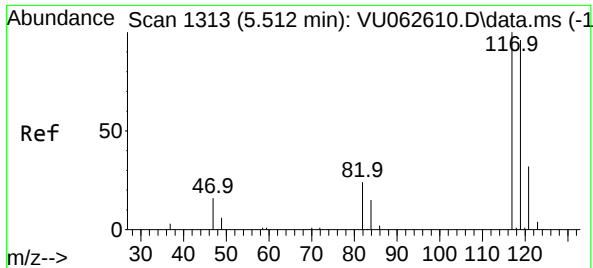
Ion Ratio Lower Upper

56 100

69 37.0 25.1 37.7

84 100.1 70.6 105.8

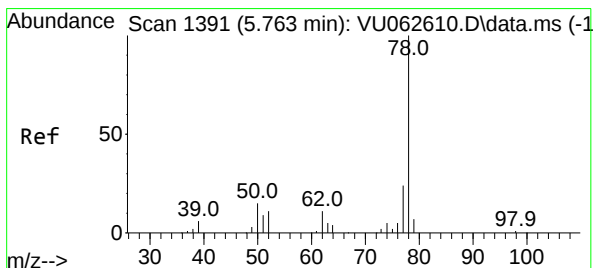
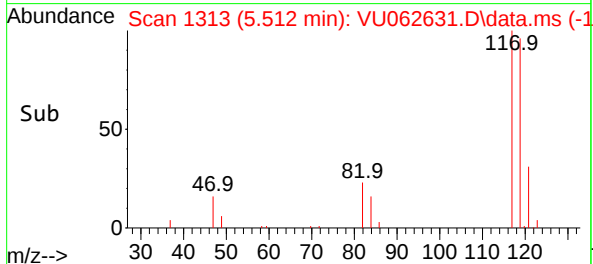
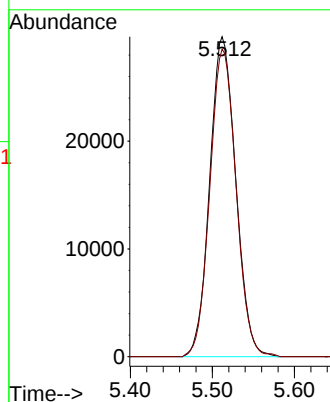
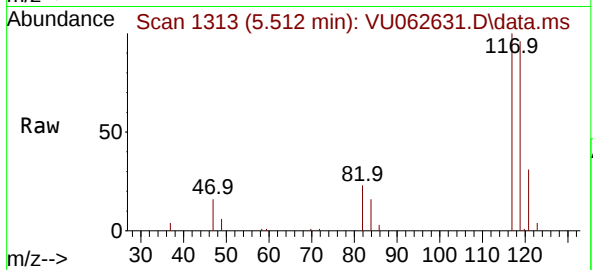




#31
Carbon tetrachloride
Concen: 4.984 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

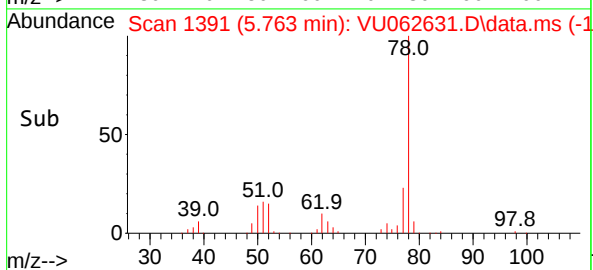
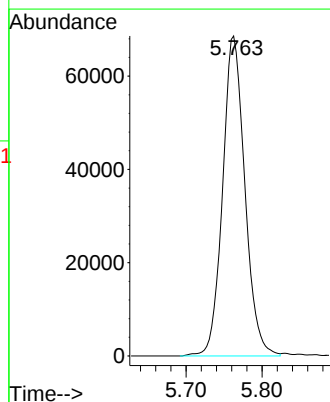
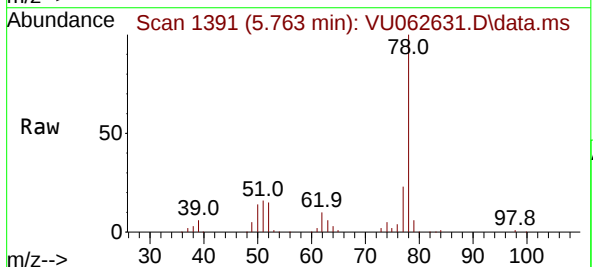
Instrument :
MSVOA_U
ClientSampleId :

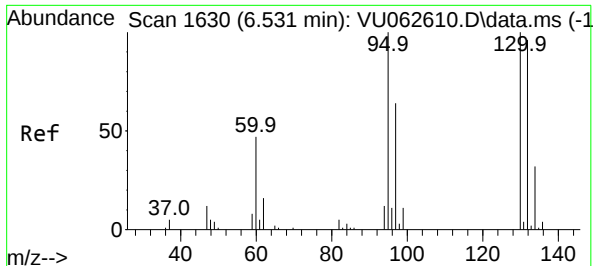
Tgt Ion:117 Resp: 65493
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 4.417 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 78 Resp: 139435

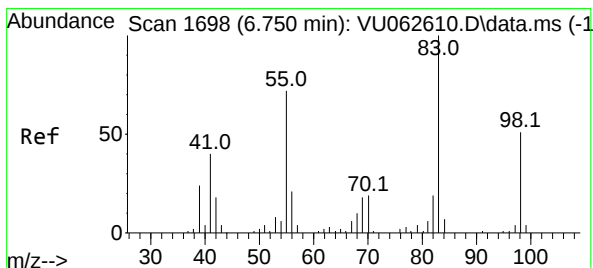
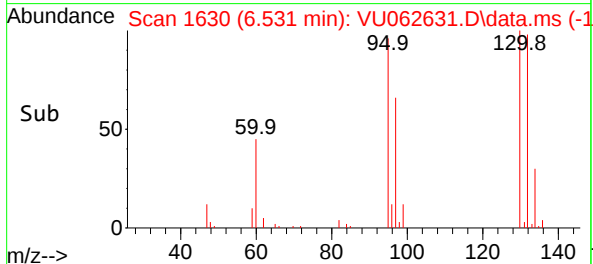
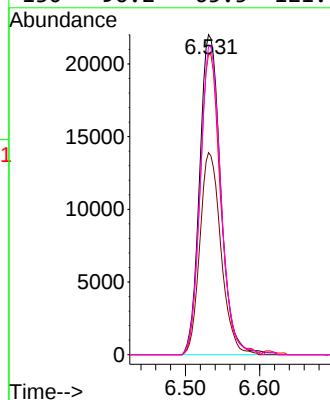
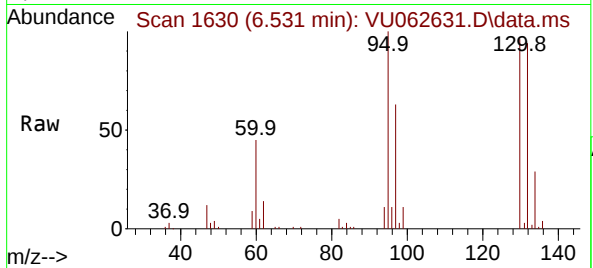




#34
Trichloroethene
Concen: 4.859 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

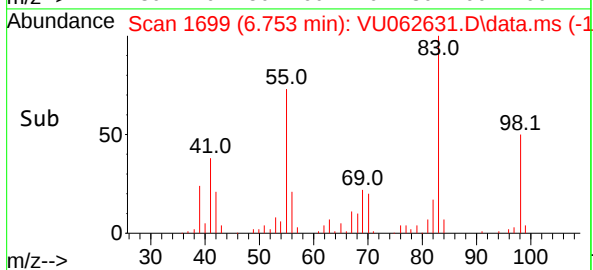
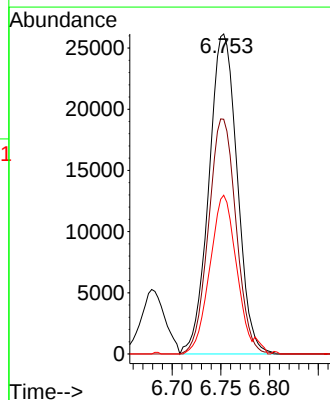
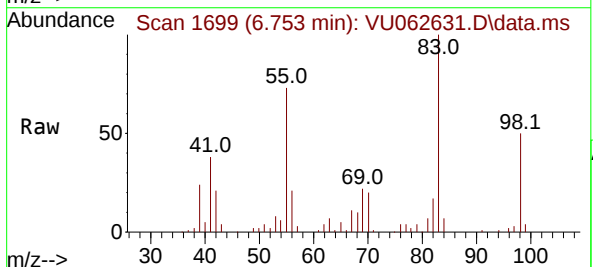
Instrument :
MSVOA_U
ClientSampleId :

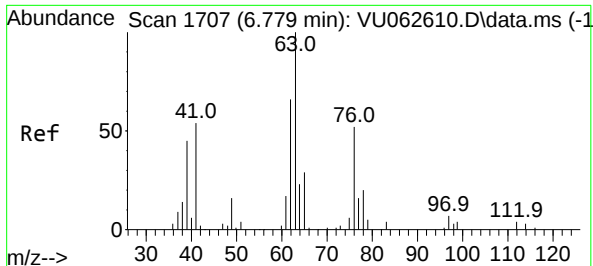
Tgt Ion: 95 Resp: 43451
Ion Ratio Lower Upper
95 100
97 63.2 45.9 85.3
132 93.8 63.8 118.4
130 96.2 65.5 121.7



#35
Methylcyclohexane
Concen: 3.985 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 83 Resp: 52829
Ion Ratio Lower Upper
83 100
55 71.4 60.7 91.1
98 47.7 34.8 52.2





#37

1,2-Dichloropropane

Concen: 4.421 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

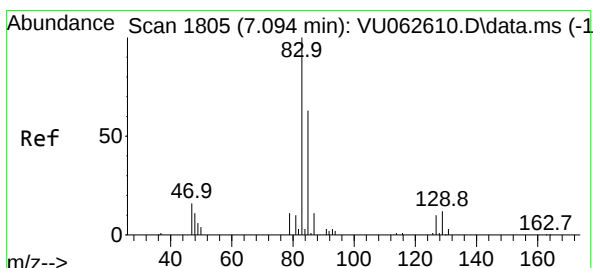
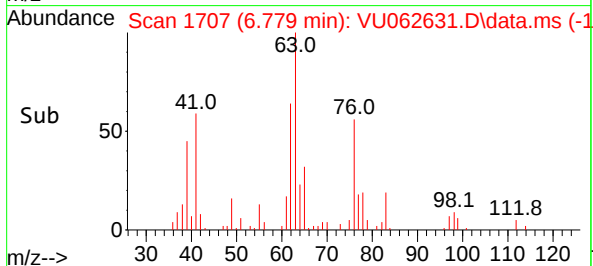
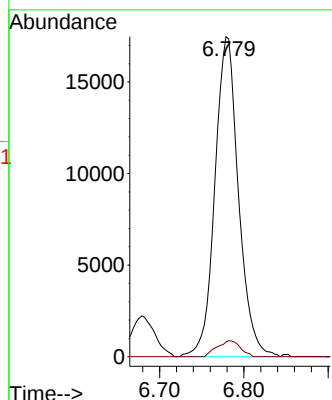
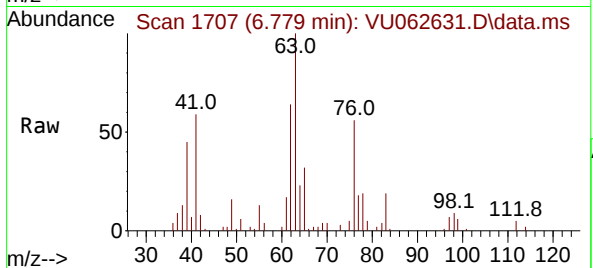
ClientSampleId :

Tgt Ion: 63 Resp: 33985

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.0



#38

Bromodichloromethane

Concen: 4.955 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

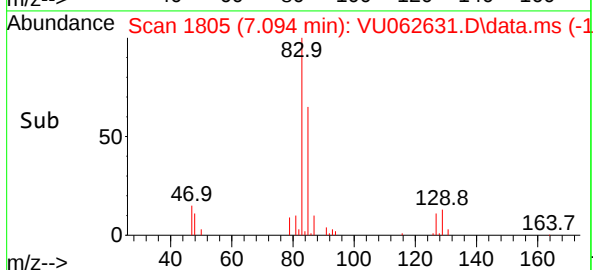
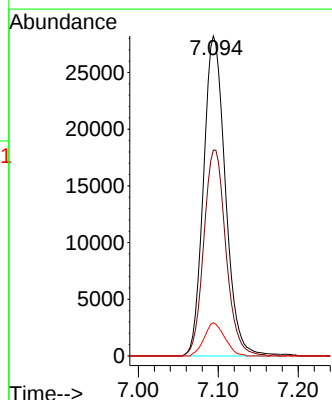
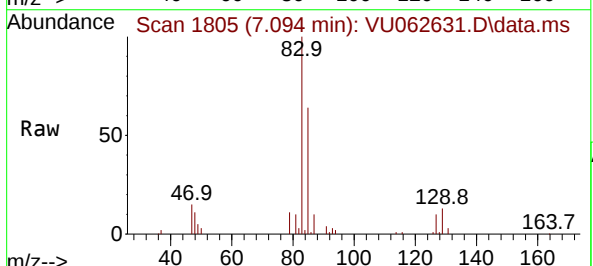
Tgt Ion: 83 Resp: 53738

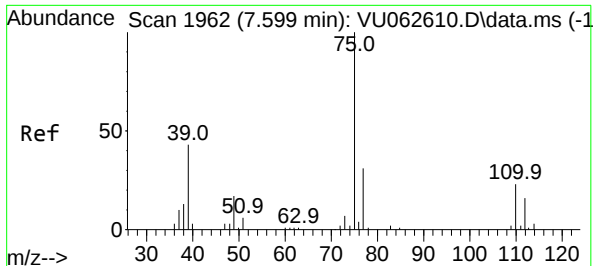
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 10.4 6.9 10.3#

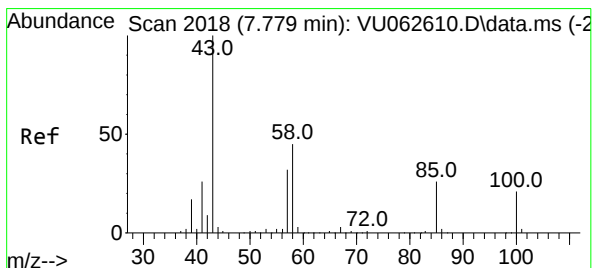
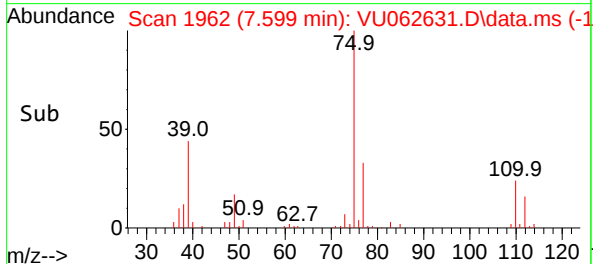
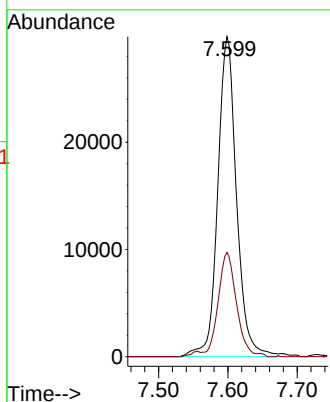
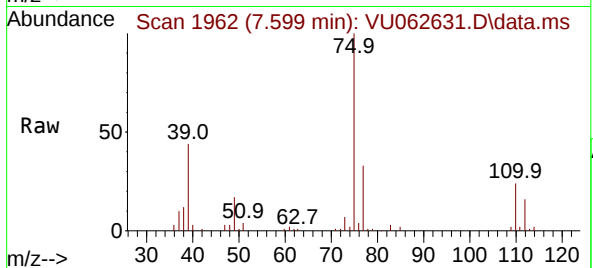




#39
 cis-1,3-Dichloropropene
 Concen: 4.566 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062631.D
 Acq: 27 Dec 2024 20:37

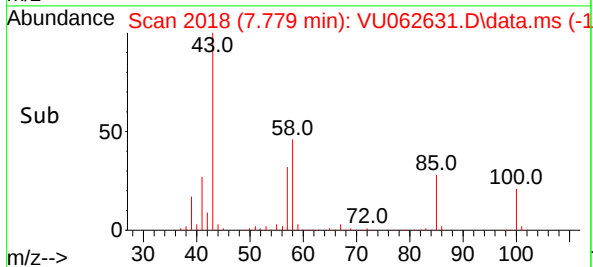
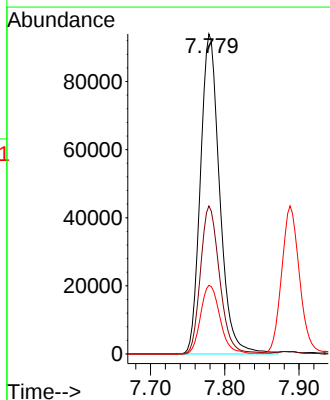
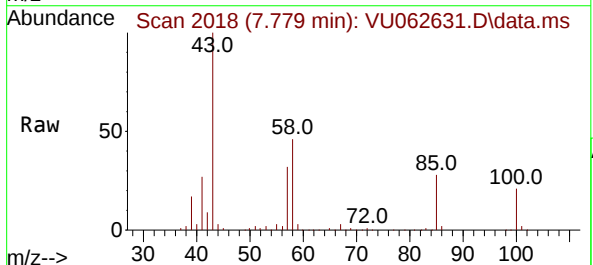
Instrument :
 MSVOA_U
 ClientSampleId :

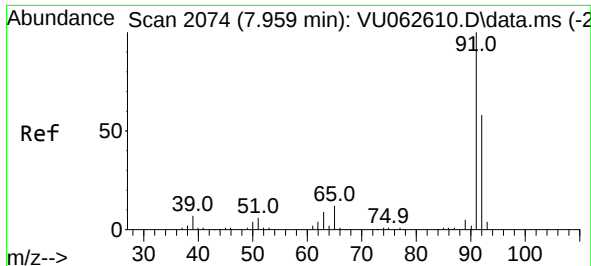
Tgt Ion: 75 Resp: 56263
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.963 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VU062631.D
 Acq: 27 Dec 2024 20:37

Tgt Ion: 43 Resp: 169194
 Ion Ratio Lower Upper
 43 100
 58 46.1 33.3 49.9
 100 21.6 12.4 18.6#





#42

Toluene

Concen: 4.560 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

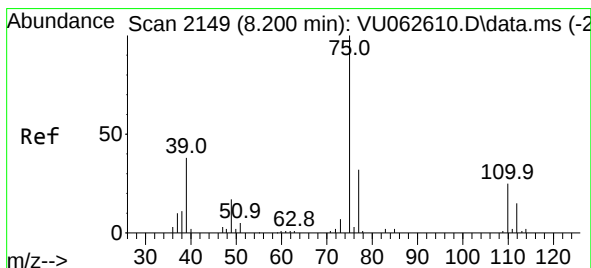
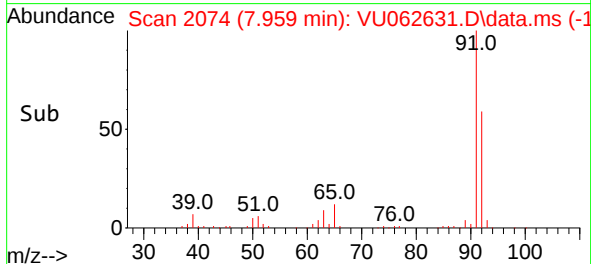
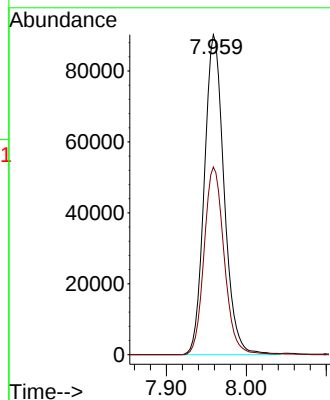
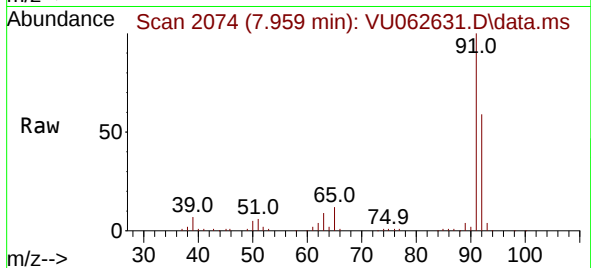
ClientSampleId :

Tgt Ion: 91 Resp: 155197

Ion Ratio Lower Upper

91 100

92 58.6 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.869 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062631.D

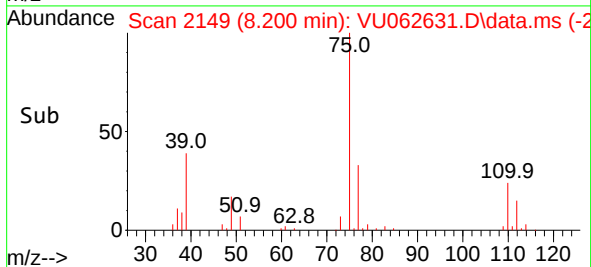
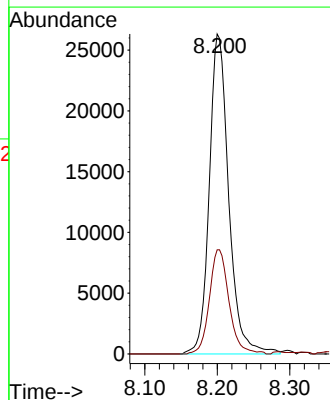
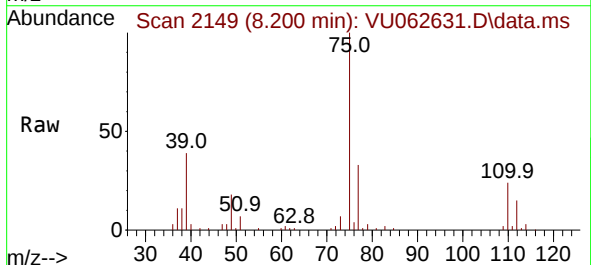
Acq: 27 Dec 2024 20:37

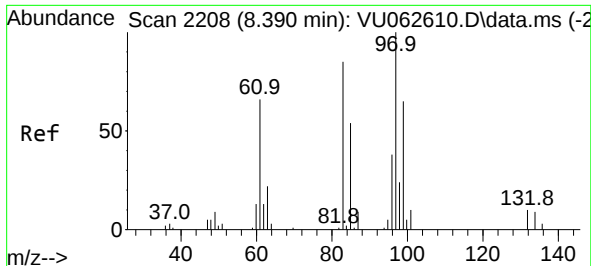
Tgt Ion: 75 Resp: 48990

Ion Ratio Lower Upper

75 100

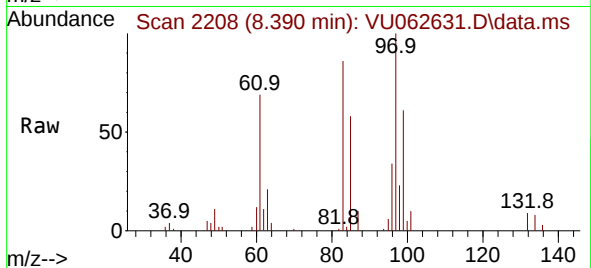
77 32.6 21.8 40.4



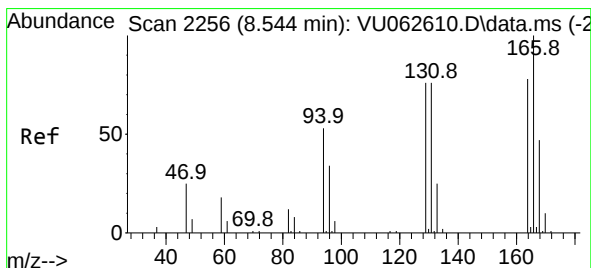
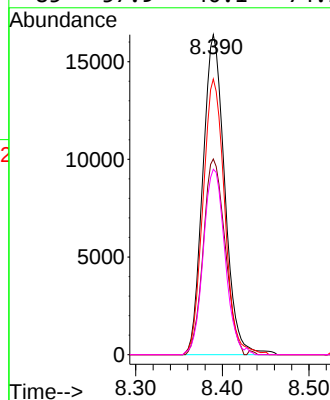
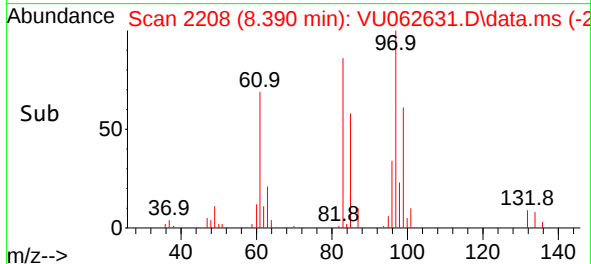


#45
1,1,2-Trichloroethane
Concen: 4.959 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

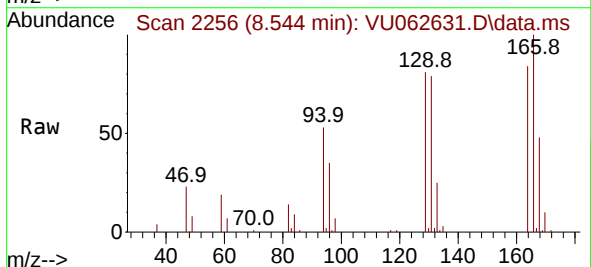
Instrument :
MSVOA_U
ClientSampleId :



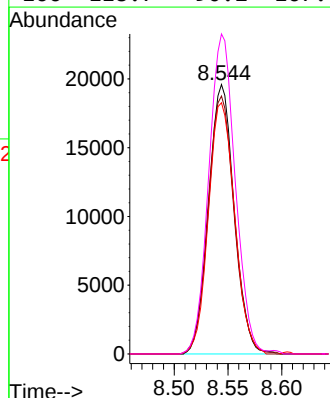
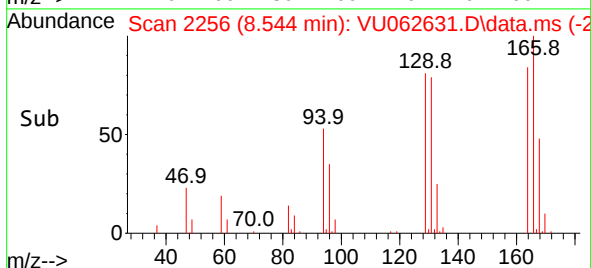
Tgt Ion:	97	Resp:	28777
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.0	79.8
83	86.2	61.7	114.5
85	57.9	40.1	74.5

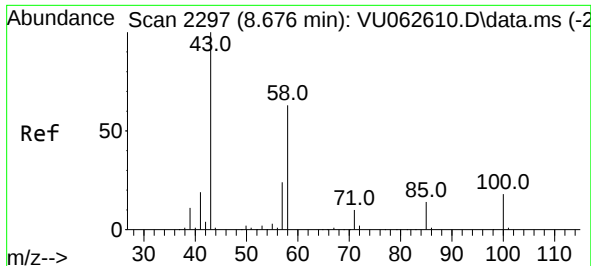


#47
Tetrachloroethene
Concen: 4.707 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37



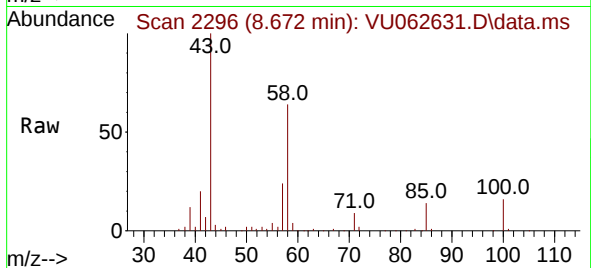
Tgt Ion:	164	Resp:	32494
Ion	Ratio	Lower	Upper
164	100		
129	95.7	73.2	136.0
131	93.2	72.3	134.3
166	118.7	90.2	167.4



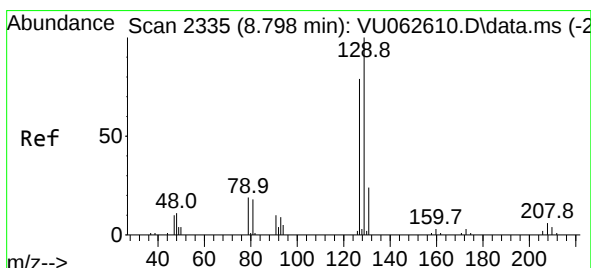
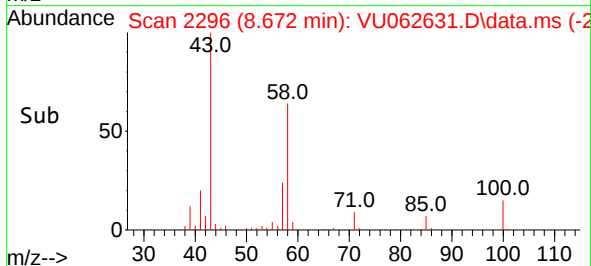
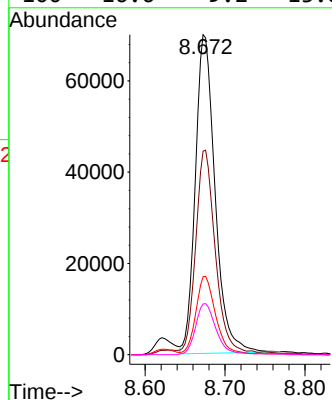


#48
2-Hexanone
Concen: 45.156 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Instrument :
MSVOA_U
ClientSampleId :

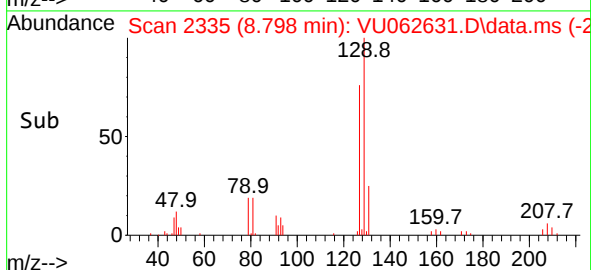
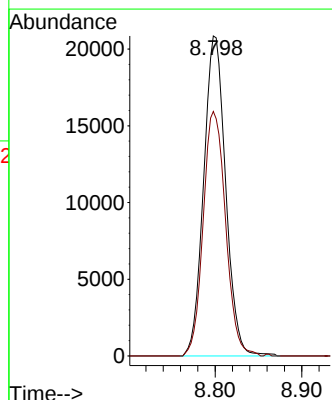
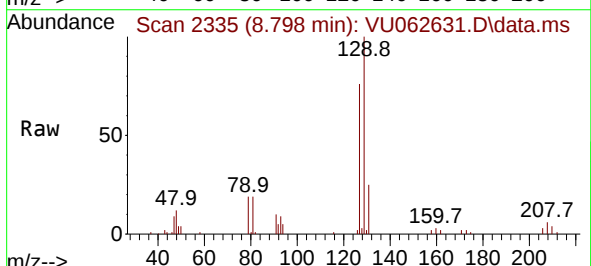


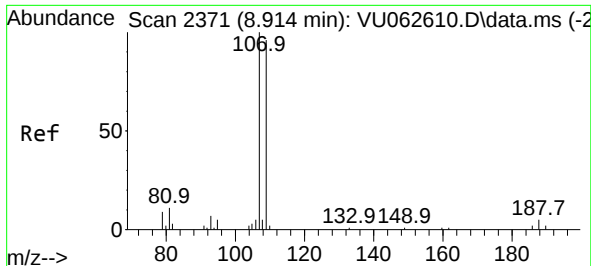
Tgt Ion:	43	Resp:	120229
Ion Ratio	100	Lower	Upper
58	62.6	47.5	71.3
57	24.1	15.6	23.4#
100	16.6	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.248 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion:	129	Resp:	36793
Ion Ratio	100	Lower	Upper
127	76.4	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.061 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062631.D

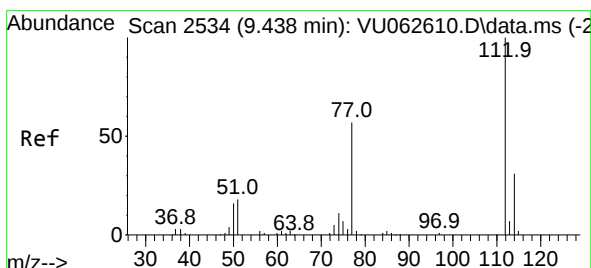
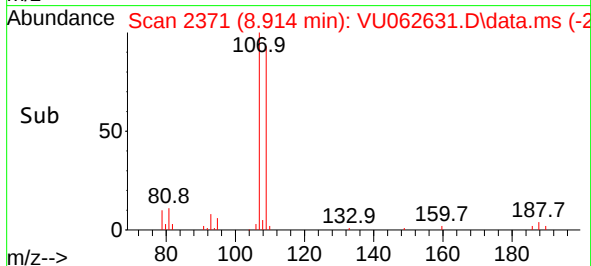
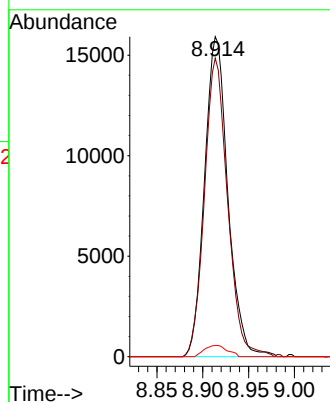
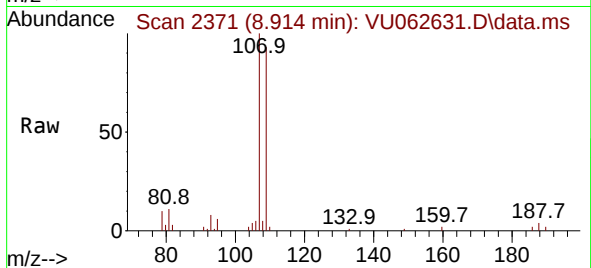
Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	28222
Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.8	124.2
188	3.5	2.3	3.5#



#51

Chlorobenzene

Concen: 4.644 ug/L

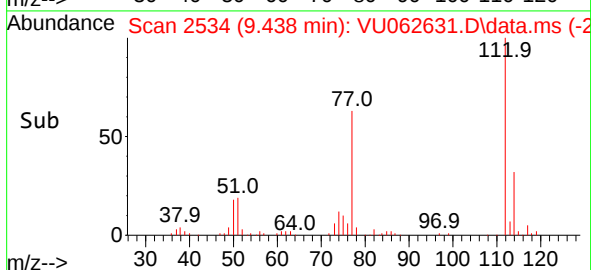
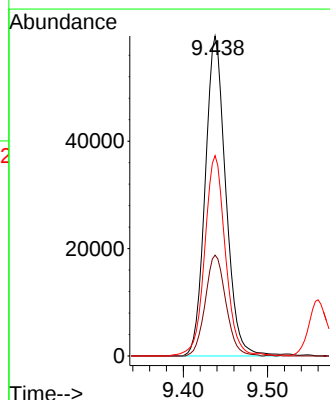
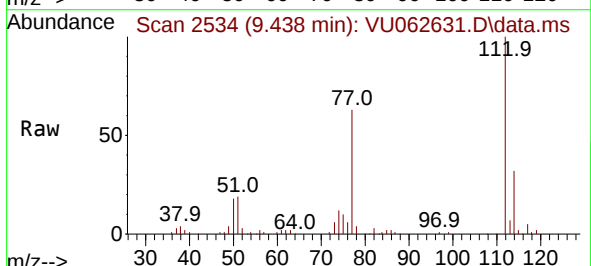
RT: 9.438 min Scan# 2534

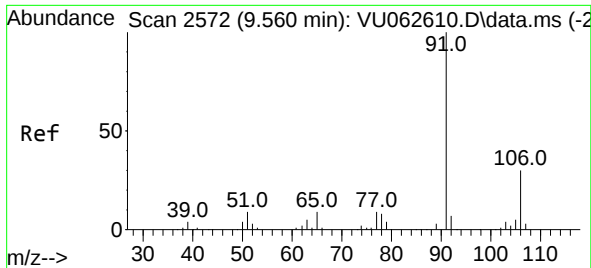
Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Tgt Ion:	112	Resp:	101292
Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.0	42.6
77	62.6	50.5	75.7

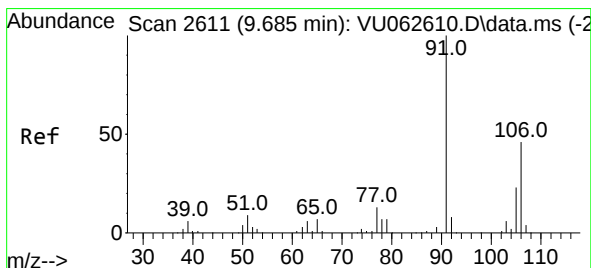
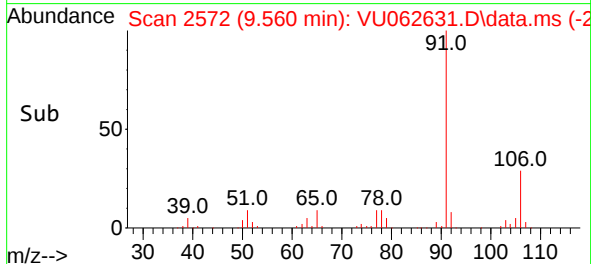
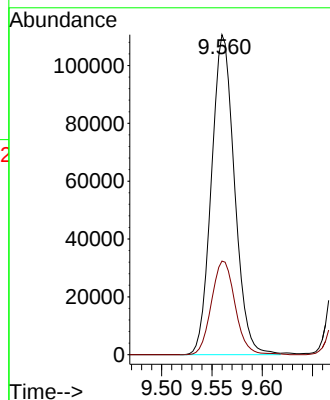
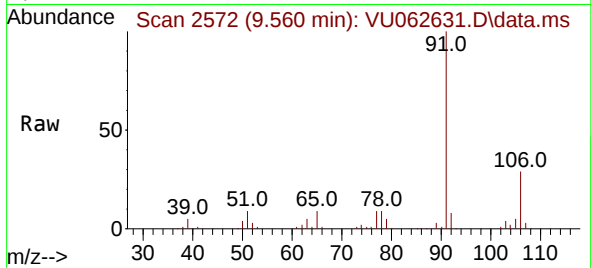




#52
Ethylbenzene
Concen: 4.624 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

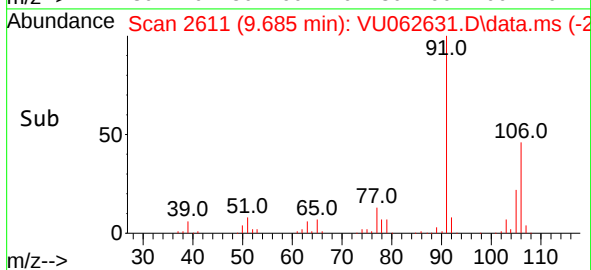
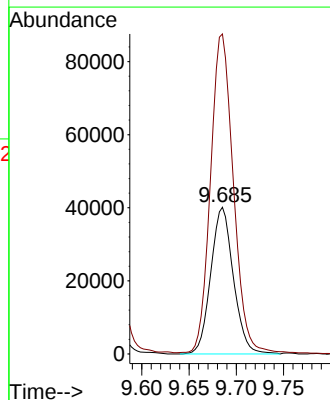
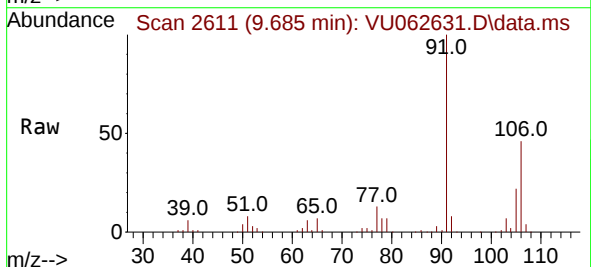
Instrument :
MSVOA_U
ClientSampleId :

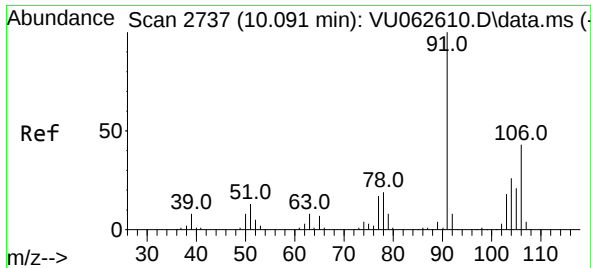
Tgt Ion: 91 Resp: 176463
Ion Ratio Lower Upper
91 100
106 29.3 21.6 40.0



#53
m,p-Xylene
Concen: 4.740 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion: 106 Resp: 66790
Ion Ratio Lower Upper
106 100
91 218.2 147.6 274.0

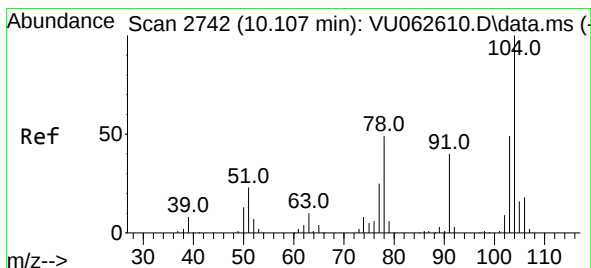
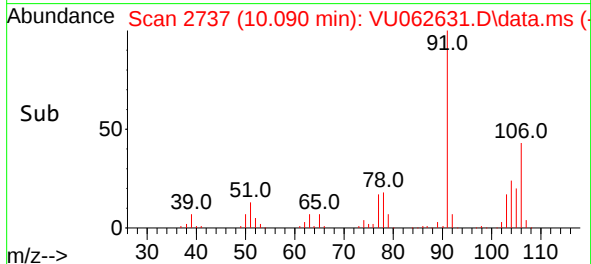
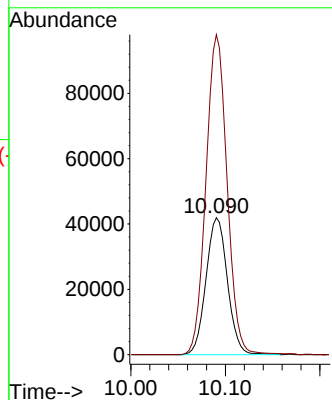
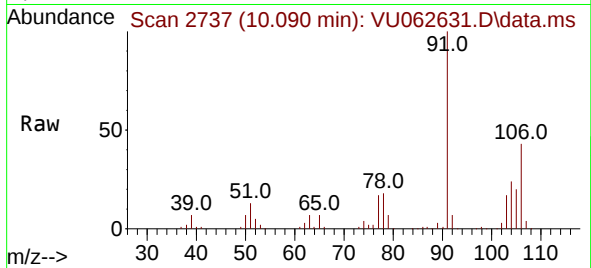




#54
o-Xylene
Concen: 4.826 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

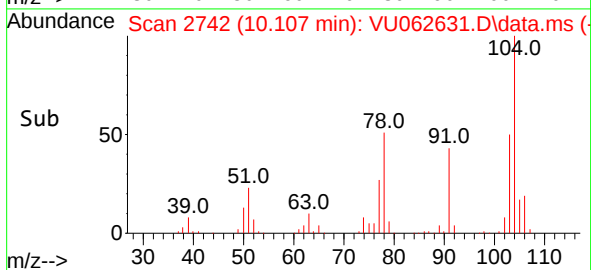
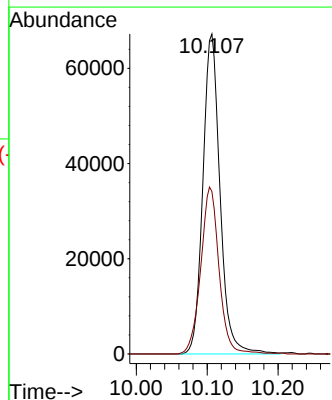
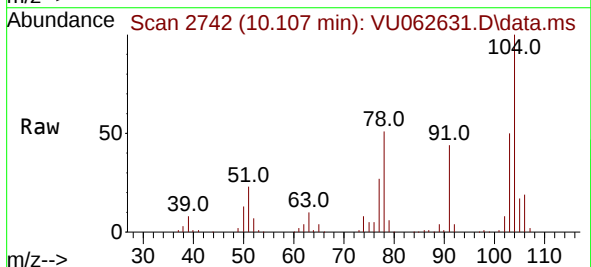
Instrument :
MSVOA_U
ClientSampleId :

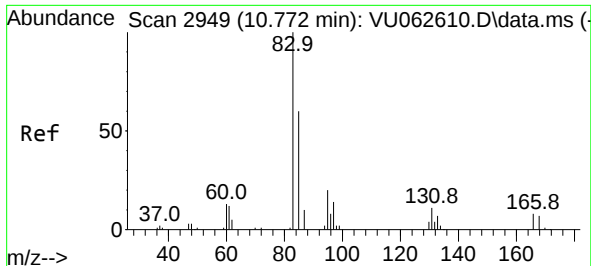
Tgt Ion:106 Resp: 66134
Ion Ratio Lower Upper
106 100
91 233.7 159.8 296.8



#55
Styrene
Concen: 5.002 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion:104 Resp: 112983
Ion Ratio Lower Upper
104 100
78 50.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.730 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

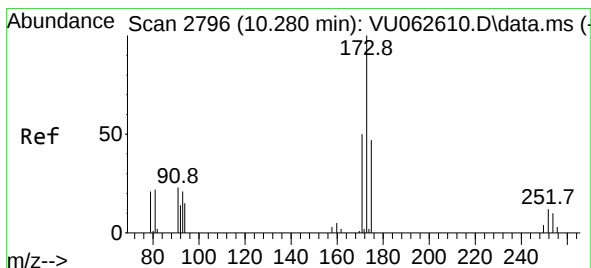
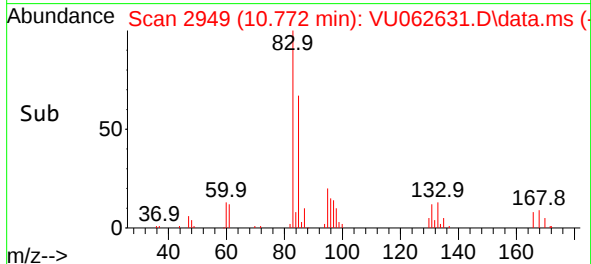
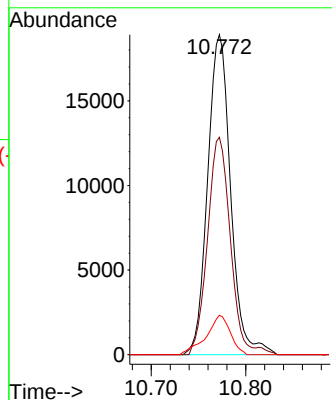
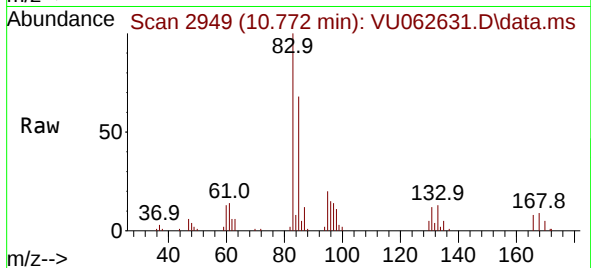
Tgt Ion: 83 Resp: 31947

Ion Ratio Lower Upper

83 100

85 68.0 44.4 82.4

131 12.3 7.3 10.9#



#59

Bromoform

Concen: 5.164 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

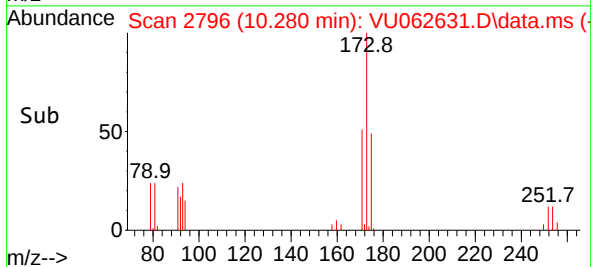
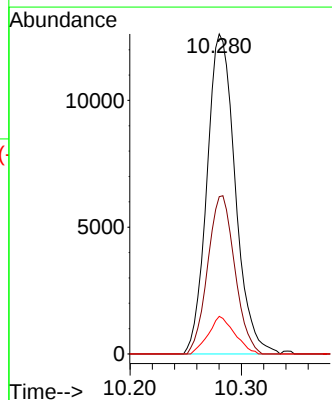
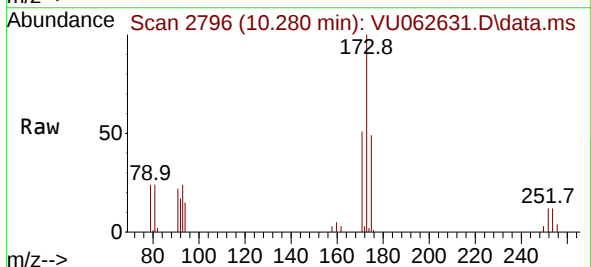
Tgt Ion:173 Resp: 22249

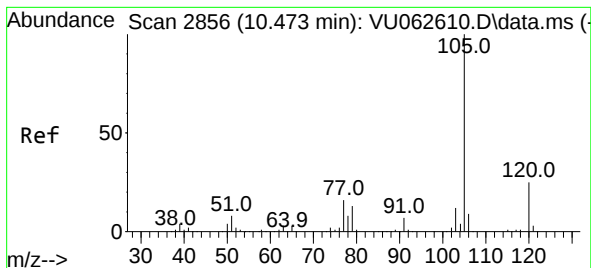
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.4

254 10.9 7.4 11.0





#60

Isopropylbenzene

Concen: 4.675 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

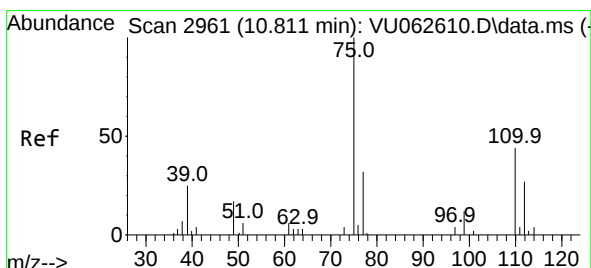
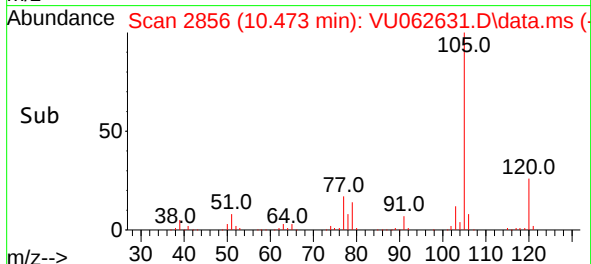
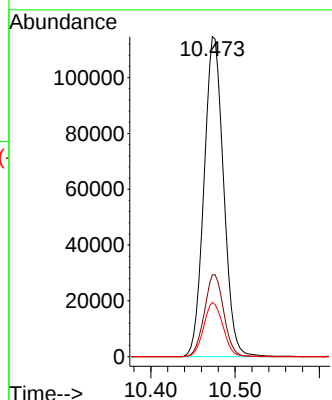
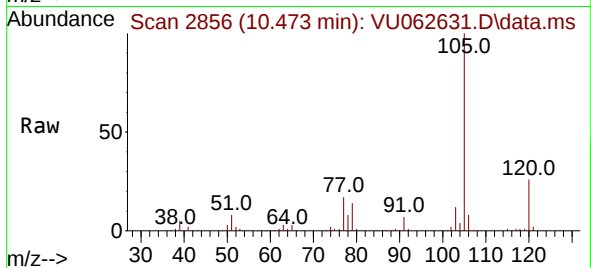
Tgt Ion:105 Resp: 185176

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.760 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

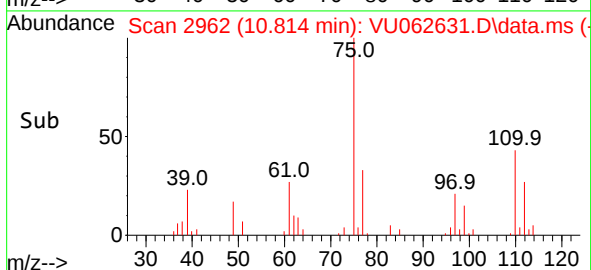
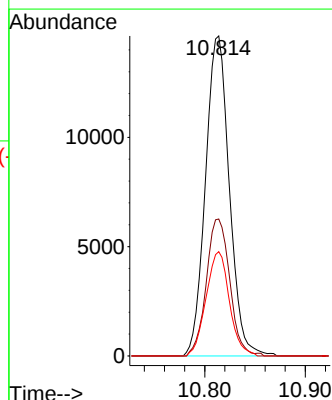
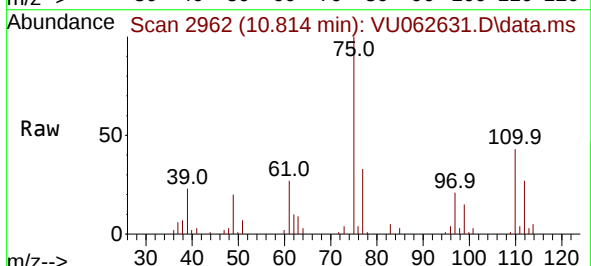
Tgt Ion: 75 Resp: 24131

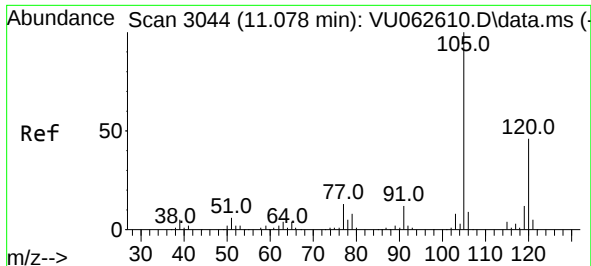
Ion Ratio Lower Upper

75 100

110 42.0 28.9 43.3

77 31.9 26.5 39.7

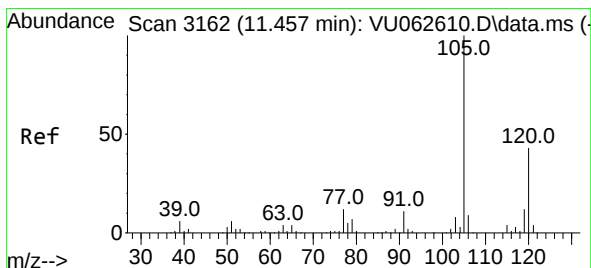
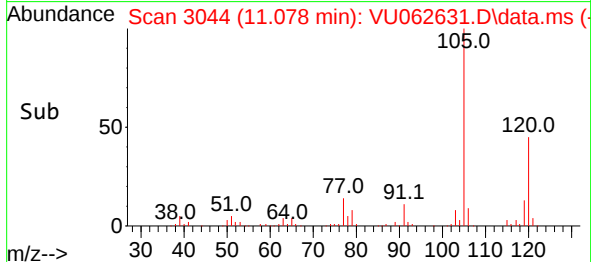
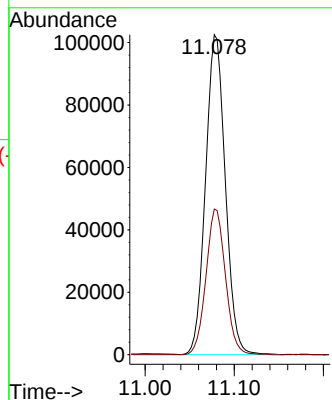
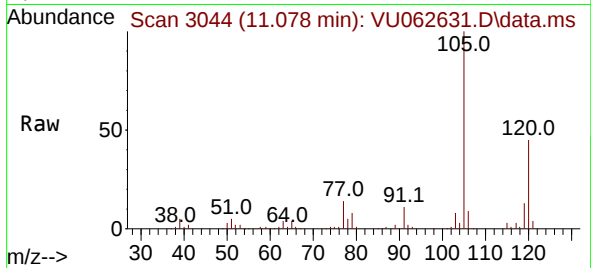




#62
1,3,5-Trimethylbenzene
Concen: 4.706 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

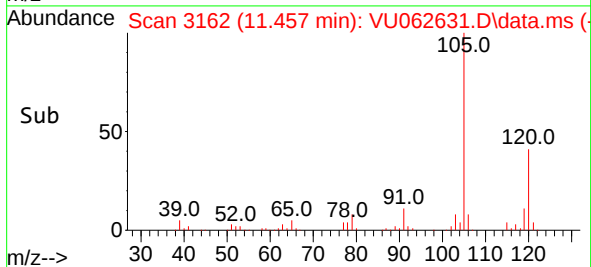
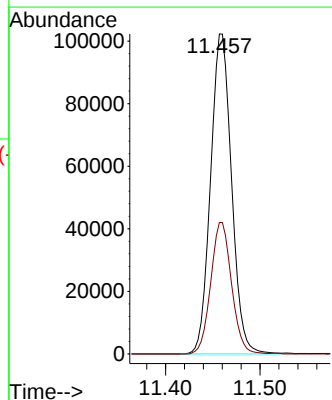
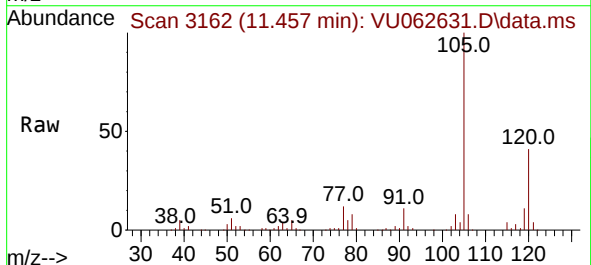
Instrument :
MSVOA_U
ClientSampleId :

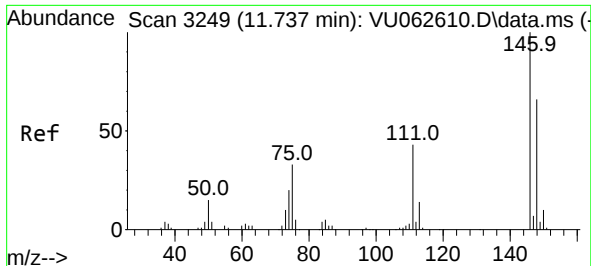
Tgt Ion:105 Resp: 157734
Ion Ratio Lower Upper
105 100
120 44.8 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.807 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

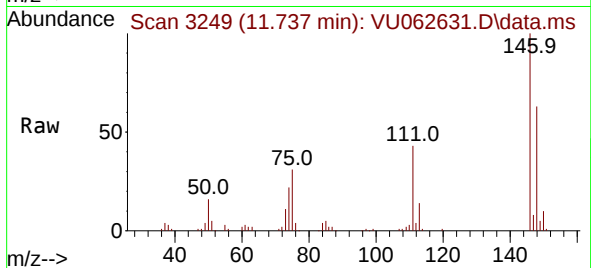
Tgt Ion:105 Resp: 157859
Ion Ratio Lower Upper
105 100
120 40.7 34.7 52.1



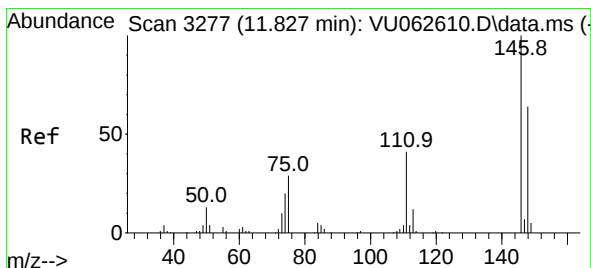
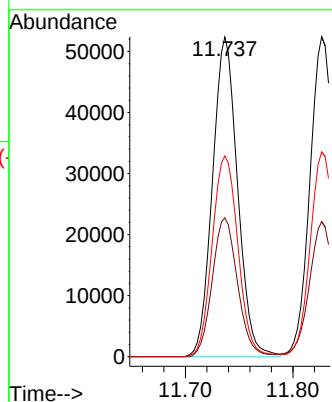
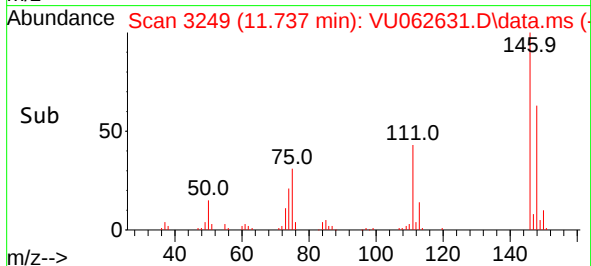


#64
1,3-Dichlorobenzene
Concen: 4.666 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

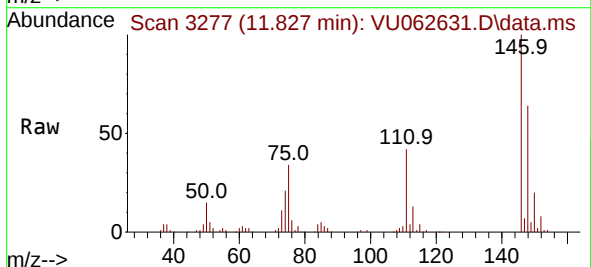
Instrument :
MSVOA_U
ClientSampleId :



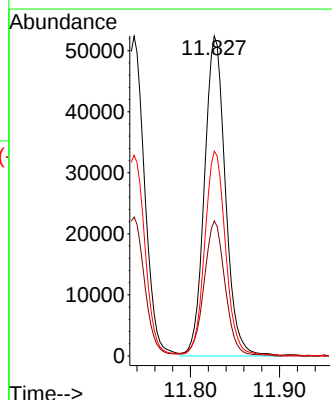
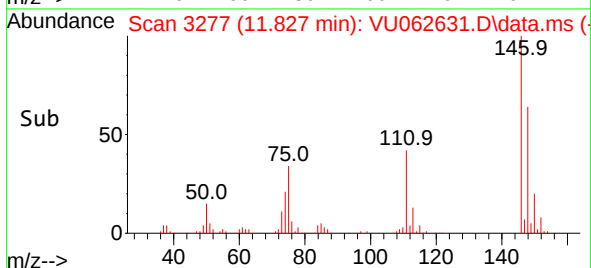
Tgt Ion:146 Resp: 84887
Ion Ratio Lower Upper
146 100
111 43.5 30.7 57.1
148 62.8 45.1 83.7

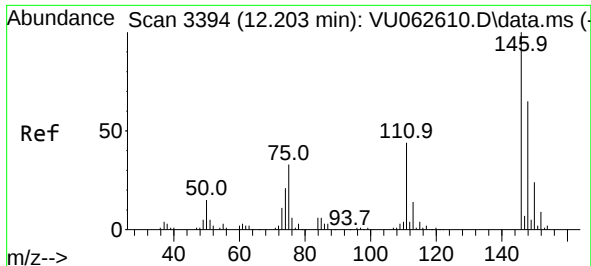


#65
1,4-Dichlorobenzene
Concen: 4.669 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37



Tgt Ion:146 Resp: 85534
Ion Ratio Lower Upper
146 100
111 42.2 29.3 54.3
148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.792 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

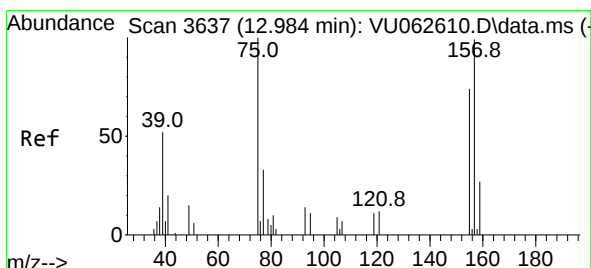
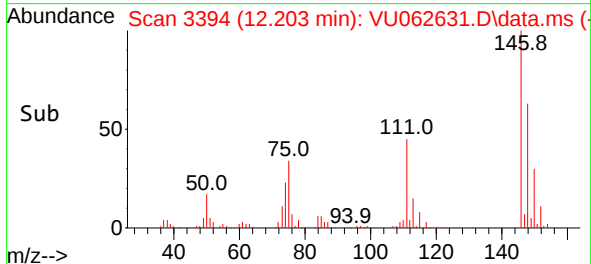
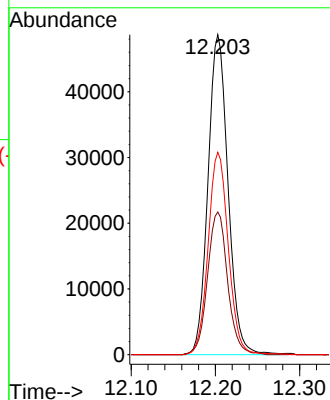
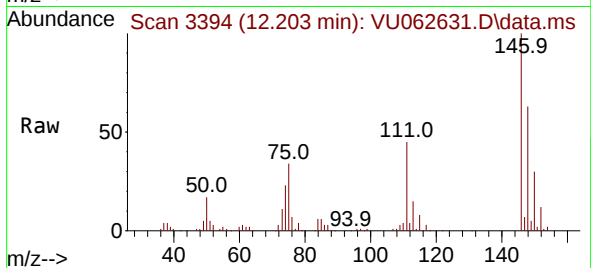
Tgt Ion:146 Resp: 80568

Ion Ratio Lower Upper

146 100

111 44.6 36.0 54.0

148 63.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.905 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

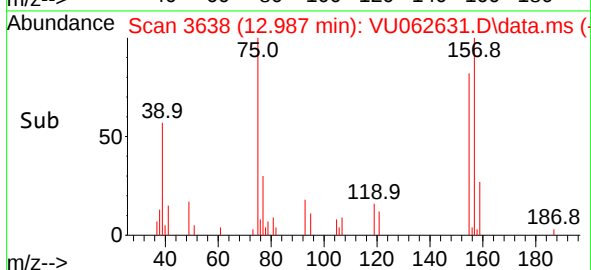
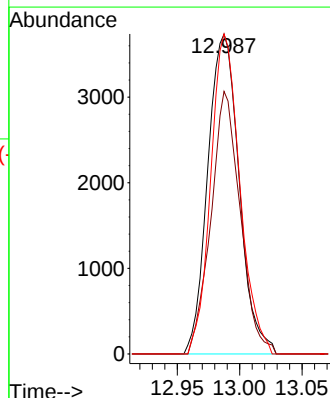
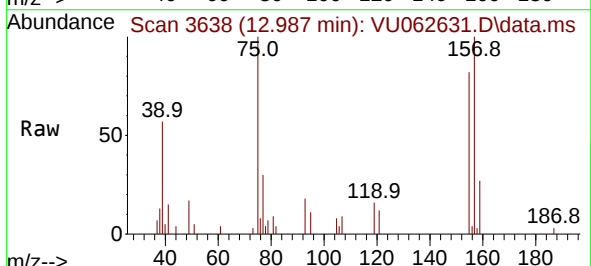
Tgt Ion: 75 Resp: 6530

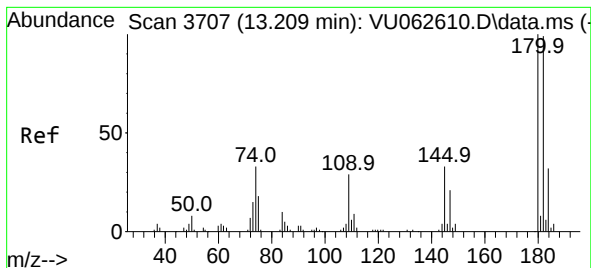
Ion Ratio Lower Upper

75 100

155 82.1 55.2 82.8

157 100.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.798 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 64896

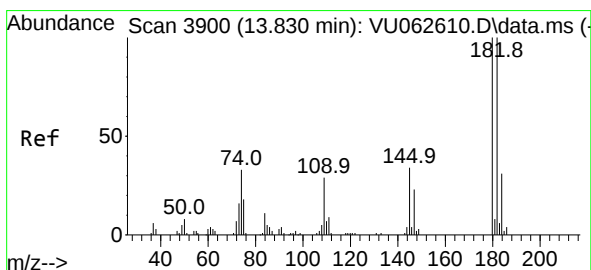
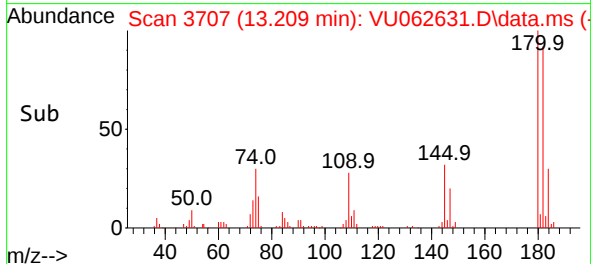
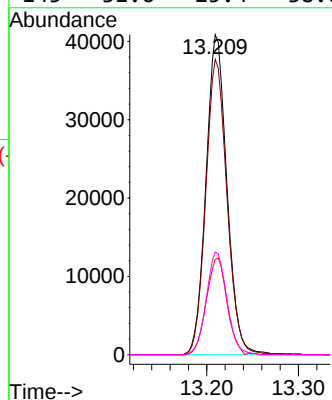
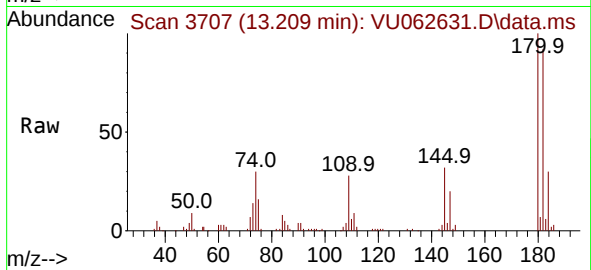
Ion Ratio Lower Upper

180 100

182 93.1 76.7 115.1

184 29.8 24.8 37.2

145 31.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.881 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062631.D

Acq: 27 Dec 2024 20:37

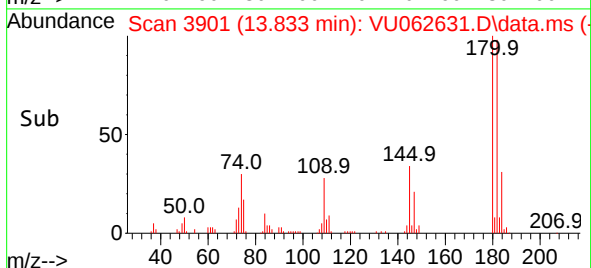
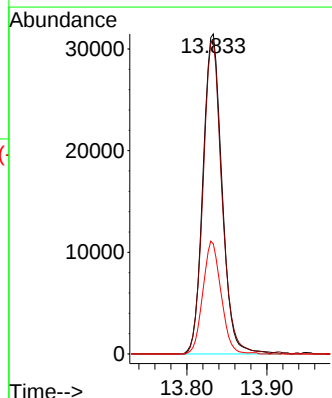
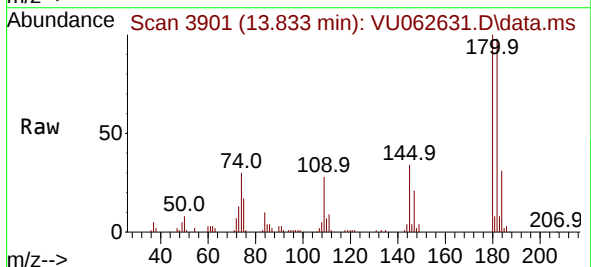
Tgt Ion:180 Resp: 52122

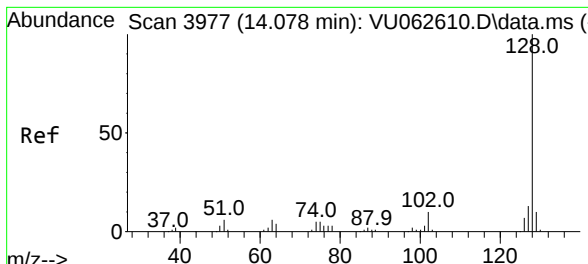
Ion Ratio Lower Upper

180 100

182 97.1 74.5 111.7

145 33.6 25.6 38.4

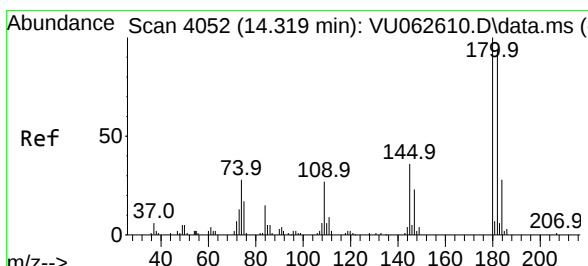
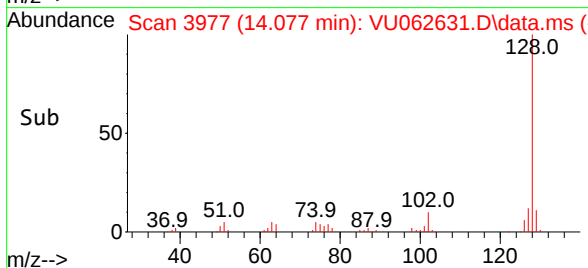
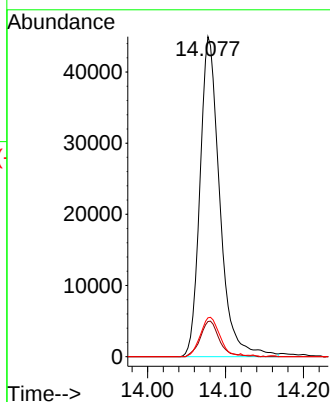
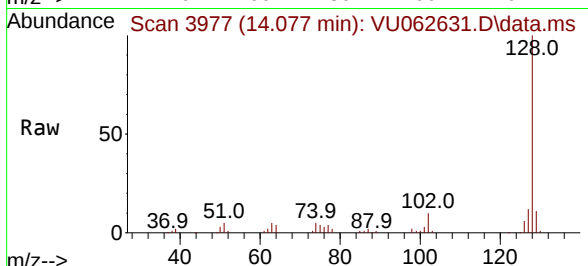




#71
Naphthalene
Concen: 4.939 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	79186
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.5 12.7
127	12.0	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.903 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU062631.D
Acq: 27 Dec 2024 20:37

Tgt Ion:180	Resp:	46167
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.1 114.1
145	36.2	27.4 41.0

