

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062640.D
 Acq On : 31 Dec 2024 10:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 01 00:10:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 31 00:16:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	99673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22654	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.901	69	19694	4.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.557	65	12492	3.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.612	46	61310	47.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.160%
24) Chloroform-d	5.052	84	68401	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	36735	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	111703	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	32819	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.888	98	109813	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	16752	4.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.624	63	55016	52.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28013	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43031	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	39338	4.213	ug/L	99
3) Chloromethane	1.515	50	27141	3.708	ug/L	95
5) Vinyl chloride	1.596	62	32497	4.265	ug/L	100
6) Bromomethane	1.843	94	23262	4.580	ug/L	100
8) Chloroethane	1.920	64	19741	4.626	ug/L	96
9) Trichlorofluoromethane	2.129	101	70160	5.305	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35902	4.987	ug/L	92
12) 1,1-Dichloroethene	2.570	96	30792	4.575	ug/L	93
13) Acetone	2.618	43	45186	51.507	ug/L	99
14) Carbon disulfide	2.782	76	77778	3.655	ug/L	99
15) Methyl Acetate	2.946	43	10251	4.662	ug/L	93
16) Methylene chloride	3.033	84	33437	4.733	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	89896	5.362	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	32691	4.728	ug/L	88
19) 1,1-Dichloroethane	3.856	63	61877	4.882	ug/L	96
21) 2-Butanone	4.692	43	65381	51.318	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	38691	4.992	ug/L	95
23) Bromochloromethane	4.962	128	17782	5.234	ug/L	# 77
25) Chloroform	5.075	83	75915	5.317	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062640.D
 Acq On : 31 Dec 2024 10:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 01 00:10:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 31 00:16:34 2024
 Response via : Initial Calibration

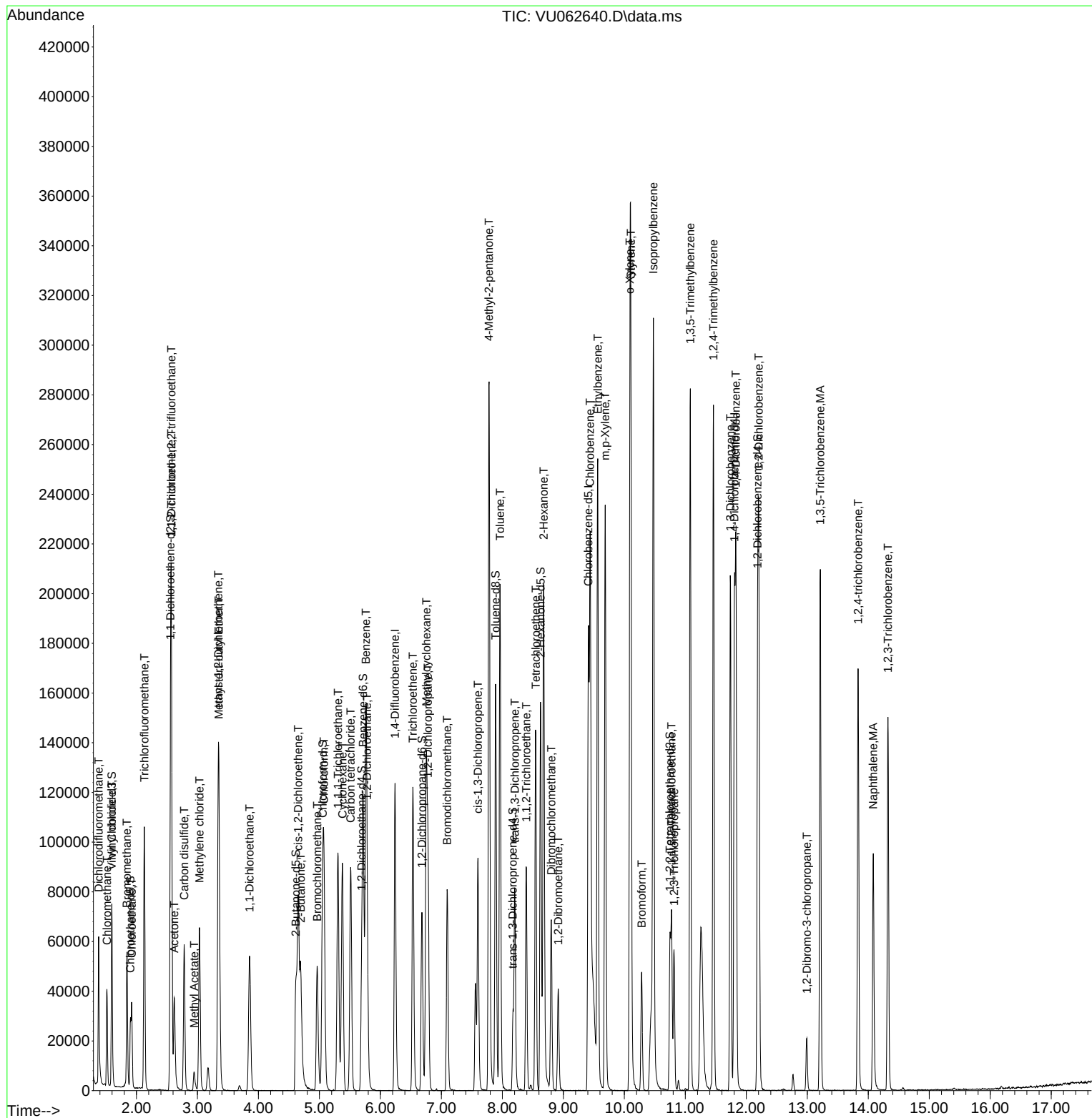
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	49457	5.451	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	72582	5.432	ug/L	95
30) Cyclohexane	5.377	56	43883	4.050	ug/L	88
31) Carbon tetrachloride	5.512	117	64498	5.264	ug/L	99
33) Benzene	5.763	78	136703	4.644	ug/L	100
34) Trichloroethene	6.531	95	43274	5.190	ug/L	99
35) Methylcyclohexane	6.753	83	52790	4.270	ug/L	95
37) 1,2-Dichloropropane	6.779	63	33869	4.725	ug/L	99
38) Bromodichloromethane	7.094	83	53617	5.302	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	57016	4.963	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	162067	48.243	ug/L #	92
42) Toluene	7.962	91	153413	4.834	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	50144	5.345	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	27119	5.012	ug/L	98
47) Tetrachloroethene	8.547	164	31348	4.870	ug/L	95
48) 2-Hexanone	8.676	43	116782	47.038	ug/L #	95
49) Dibromochloromethane	8.801	129	37989	5.811	ug/L	100
50) 1,2-Dibromoethane	8.917	107	26736	5.142	ug/L	98
51) Chlorobenzene	9.438	112	101190	4.976	ug/L	97
52) Ethylbenzene	9.563	91	176099	4.949	ug/L	99
53) m,p-Xylene	9.685	106	66420	5.056	ug/L	99
54) o-Xylene	10.090	106	64739	5.067	ug/L	99
55) Styrene	10.107	104	108800	5.165	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	31988	5.079	ug/L #	97
59) Bromoform	10.283	173	21883	5.588	ug/L	99
60) Isopropylbenzene	10.476	105	184346	5.121	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23330	5.063	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	154847	5.083	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	156014	5.227	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	85447	5.167	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	84193	5.056	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	79040	5.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6153	6.121	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.213	180	65962	5.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	53867	5.550	ug/L	97
71) Naphthalene	14.081	128	80784	5.543	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46872	5.476	ug/L	99

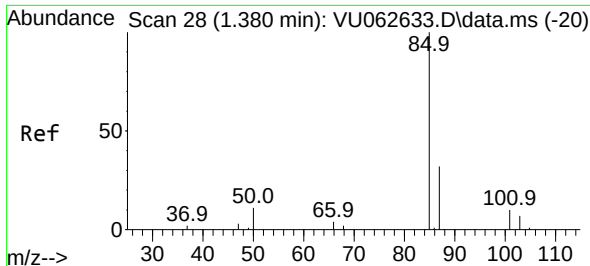
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
Data File : VU062640.D
Acq On : 31 Dec 2024 10:35
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 01 00:10:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 31 00:16:34 2024
Response via : Initial Calibration

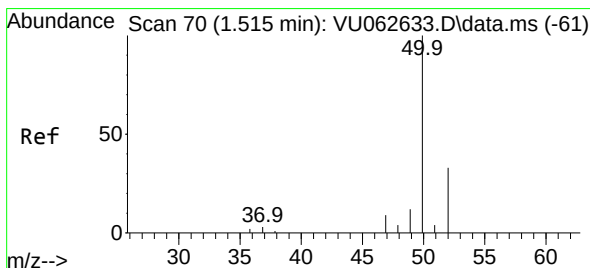
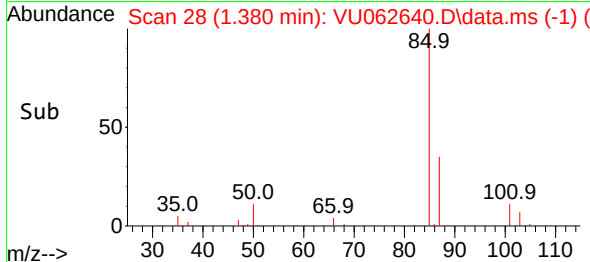
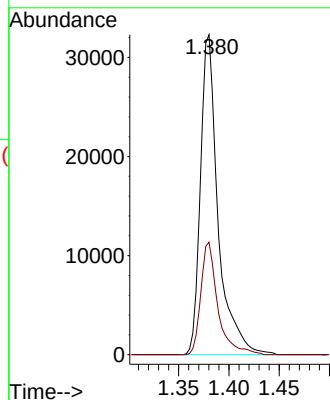
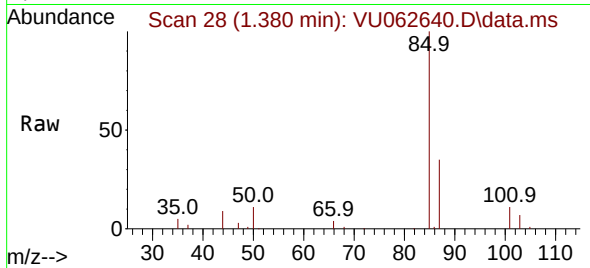




#2
Dichlorodifluoromethane
Concen: 4.213 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

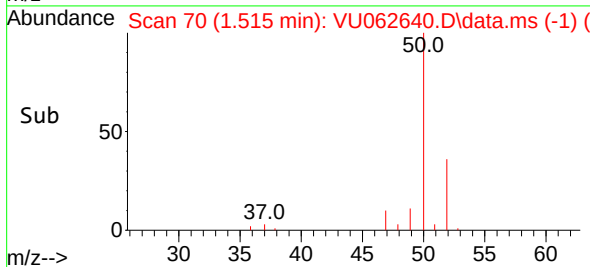
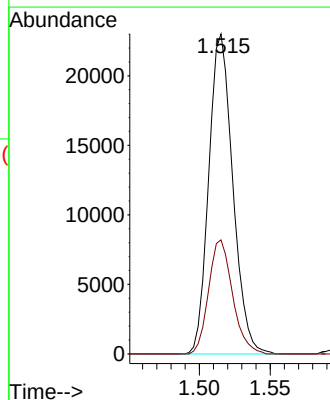
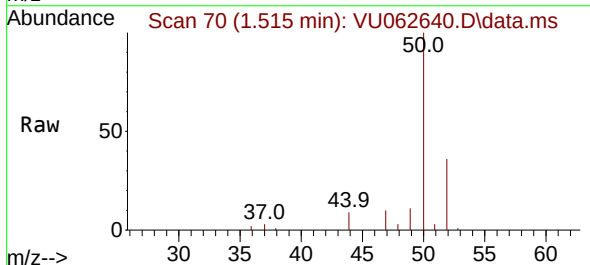
Instrument :
MSVOA_U
ClientSampleId :

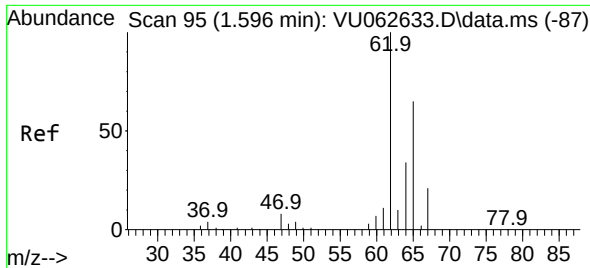
Tgt Ion: 85 Resp: 39338
Ion Ratio Lower Upper
85 100
87 33.9 26.6 40.0



#3
Chloromethane
Concen: 3.708 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 50 Resp: 27141
Ion Ratio Lower Upper
50 100
52 35.7 23.1 42.9

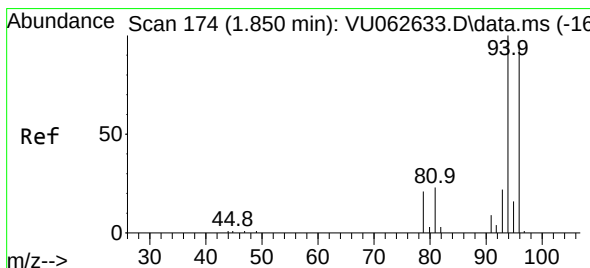
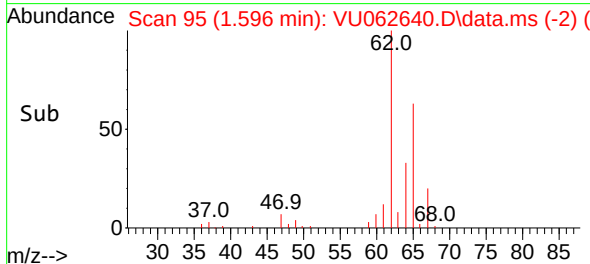
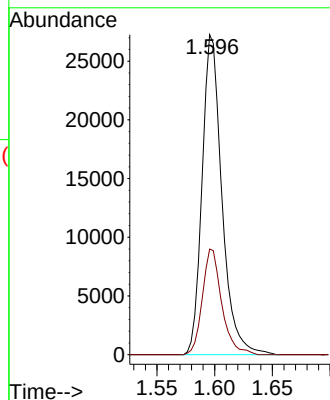
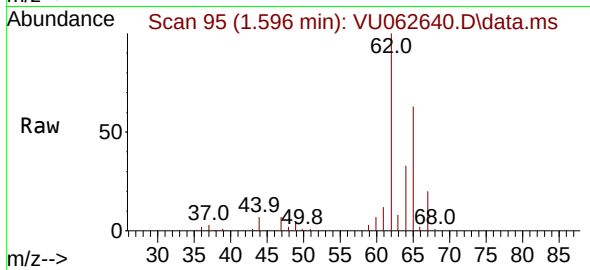




#5
 Vinyl chloride
 Concen: 4.265 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

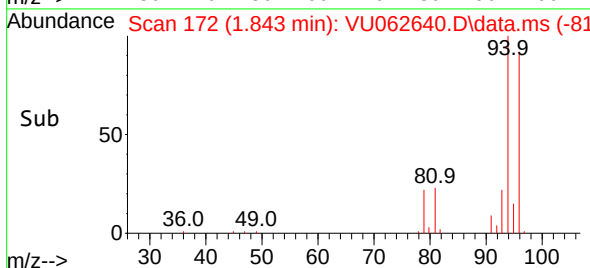
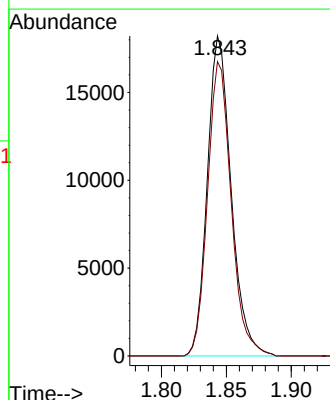
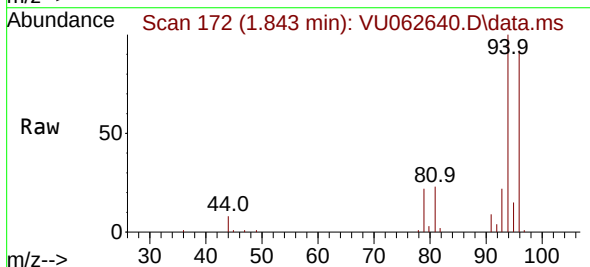
Instrument :
 MSVOA_U
 ClientSampleId :

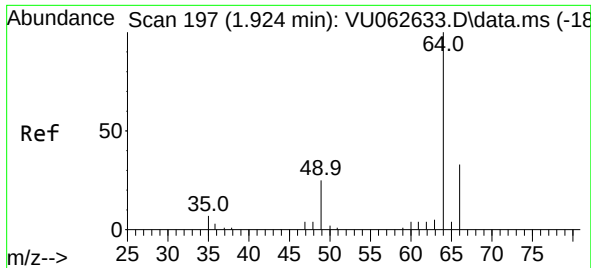
Tgt Ion: 62 Resp: 32497
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 4.580 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.006 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

Tgt Ion: 94 Resp: 23262
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.5 119.9

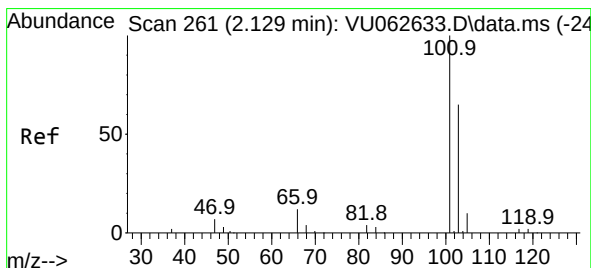
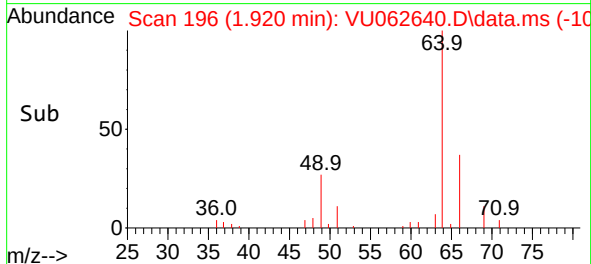
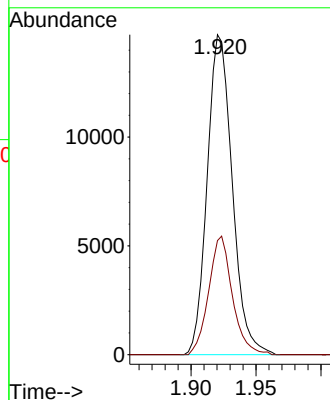
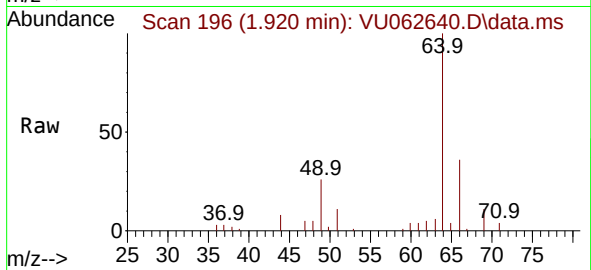




#8
Chloroethane
Concen: 4.626 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

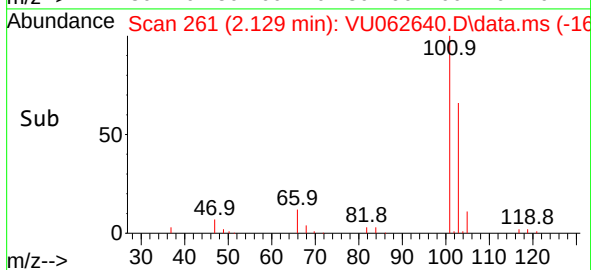
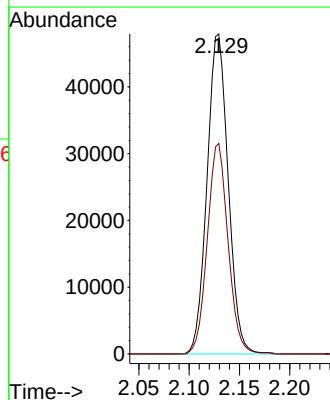
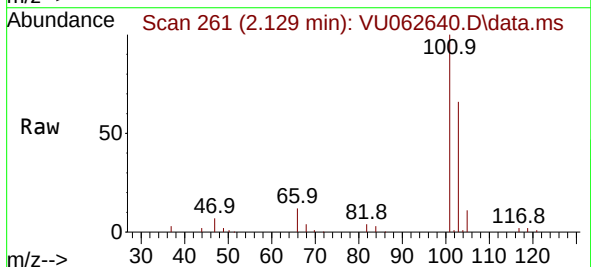
Instrument :
MSVOA_U
ClientSampleId :

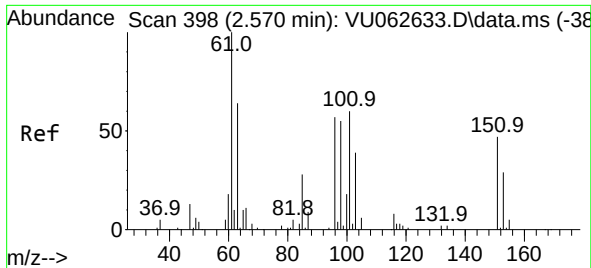
Tgt Ion: 64 Resp: 19741
Ion Ratio Lower Upper
64 100
66 35.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.305 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:101 Resp: 70160
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

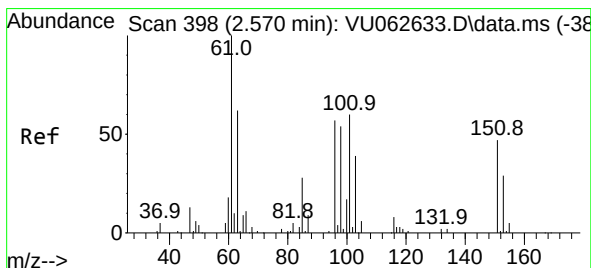
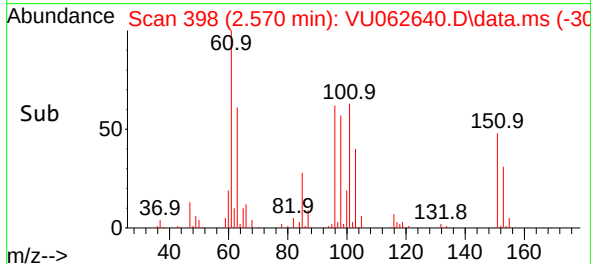
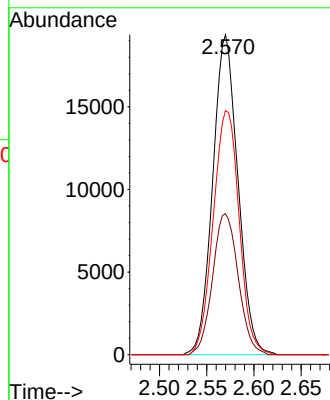
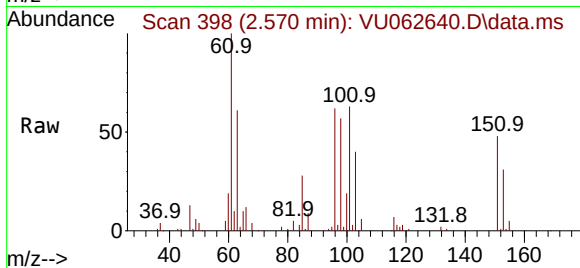




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.987 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

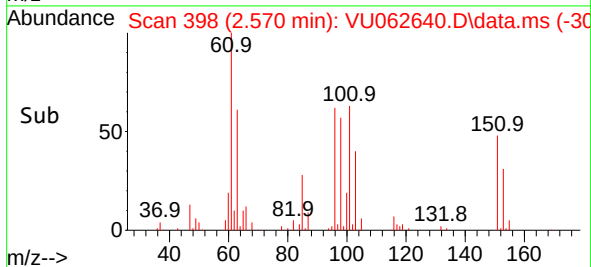
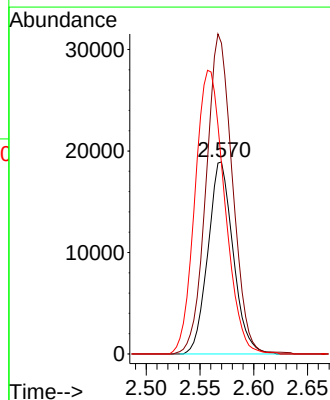
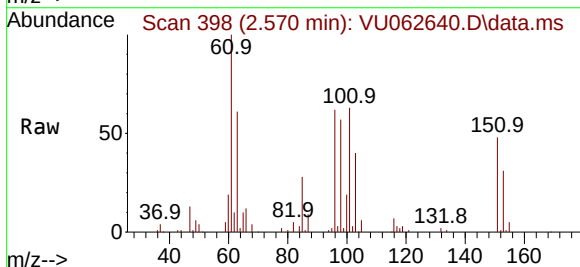
Instrument :
MSVOA_U
ClientSampleId :

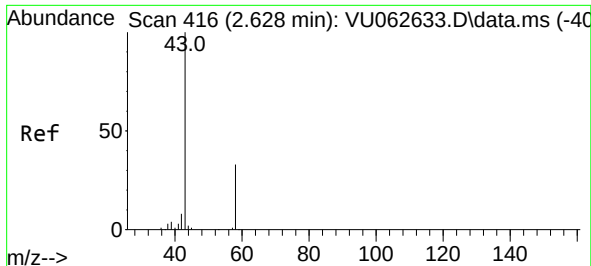
Tgt Ion:	101	Resp:	35902
Ion	Ratio	Lower	Upper
101	100		
85	44.9	38.0	57.0
151	78.6	55.3	82.9



#12
1,1-Dichloroethene
Concen: 4.575 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:	96	Resp:	30792
Ion	Ratio	Lower	Upper
96	100		
61	161.7	119.6	222.2
63	98.9	65.0	120.6





#13

Acetone

Concen: 51.507 ug/L

RT: 2.618 min Scan# 416

Delta R.T. -0.010 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

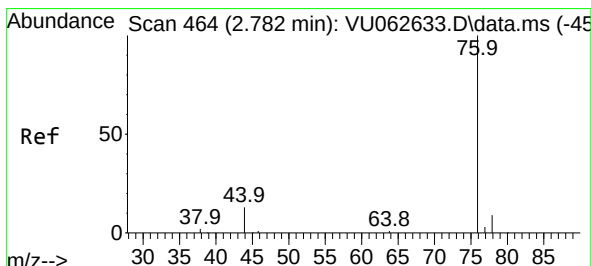
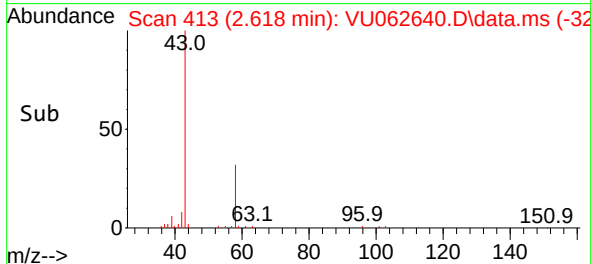
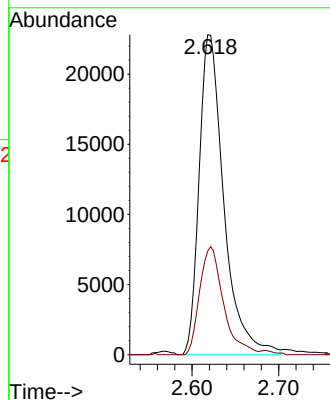
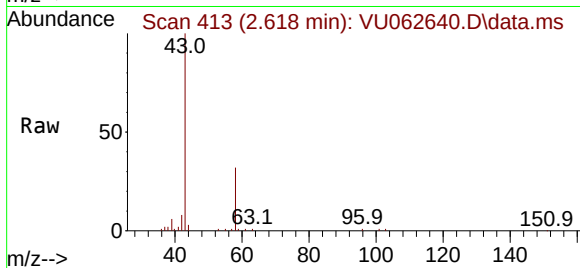
ClientSampleId :

Tgt Ion: 43 Resp: 45186

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 3.655 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062640.D

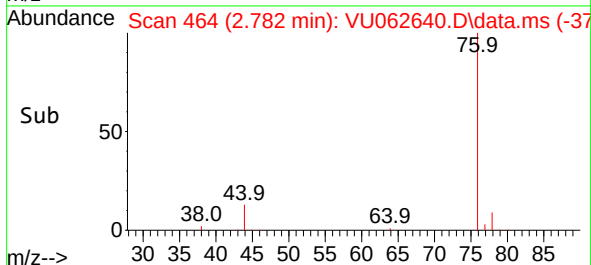
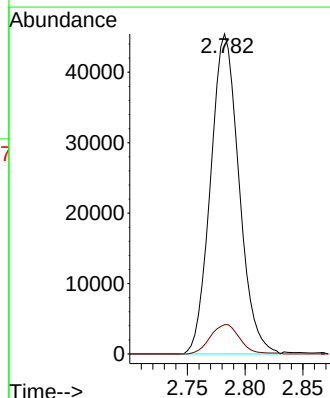
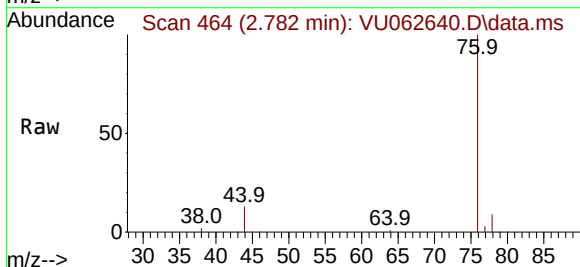
Acq: 31 Dec 2024 10:35

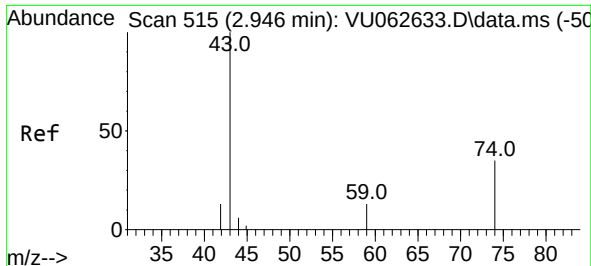
Tgt Ion: 76 Resp: 77778

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

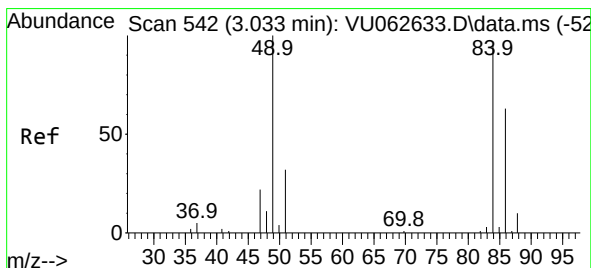
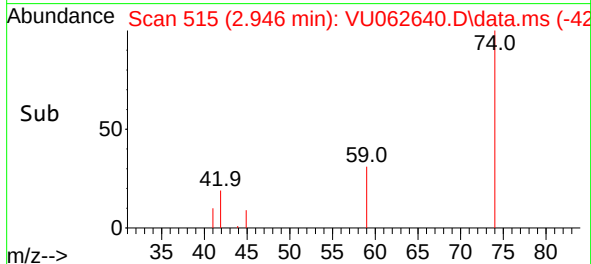
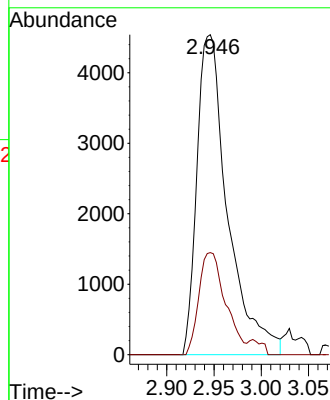
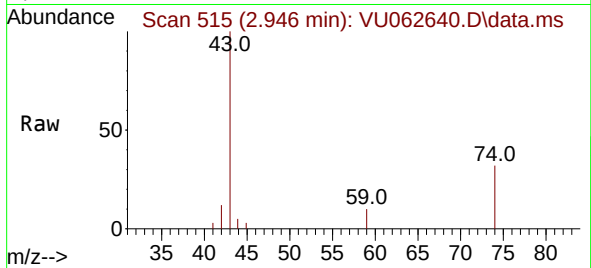




#15
Methyl Acetate
Concen: 4.662 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

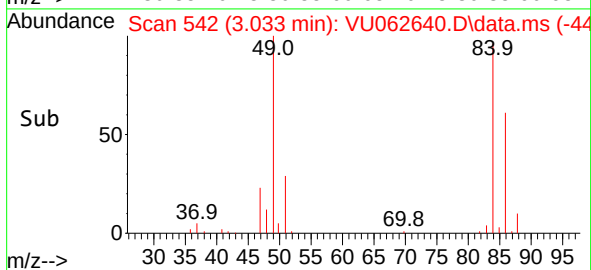
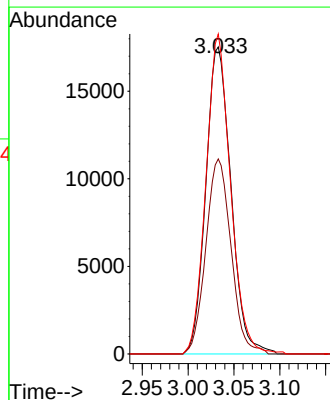
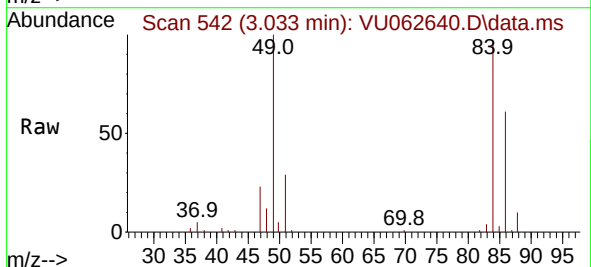
Instrument :
MSVOA_U
ClientSampleId :

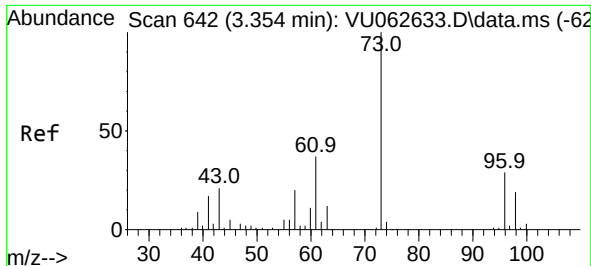
Tgt Ion: 43 Resp: 10251
Ion Ratio Lower Upper
43 100
74 27.9 19.4 29.2



#16
Methylene chloride
Concen: 4.733 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

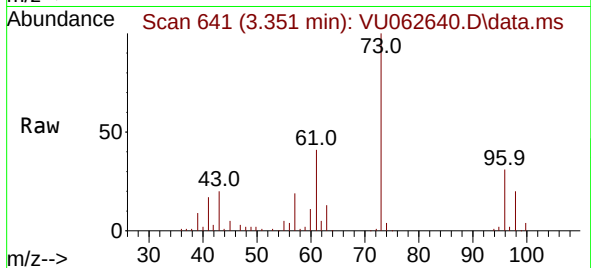
Tgt Ion: 84 Resp: 33437
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.7
49 109.9 81.9 152.1



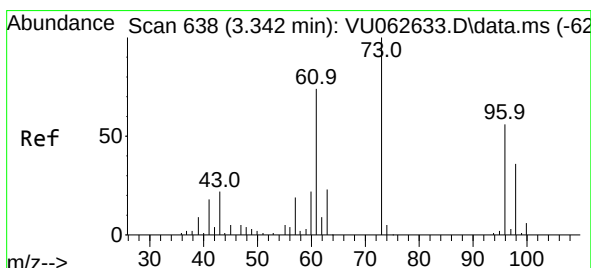
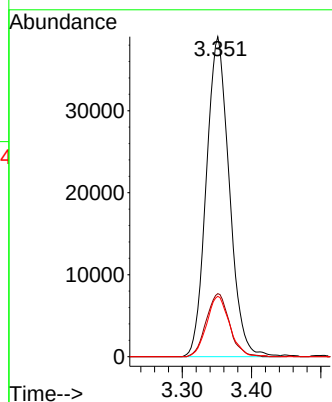
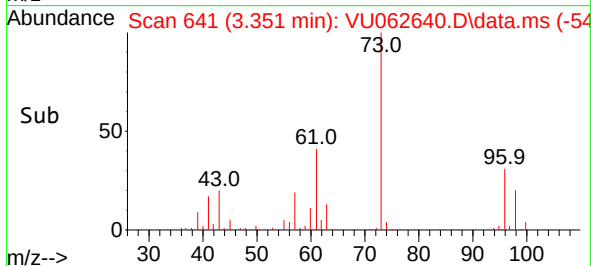


#17
Methyl tert-butyl Ether
Concen: 5.362 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :

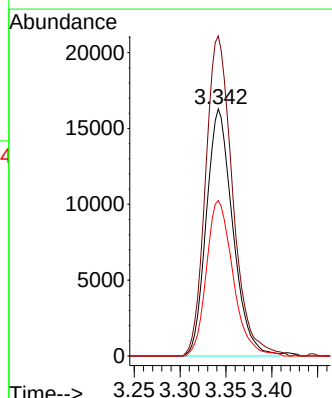
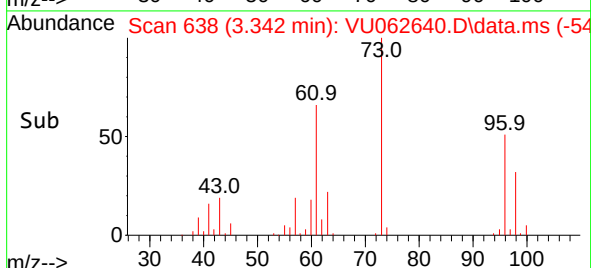
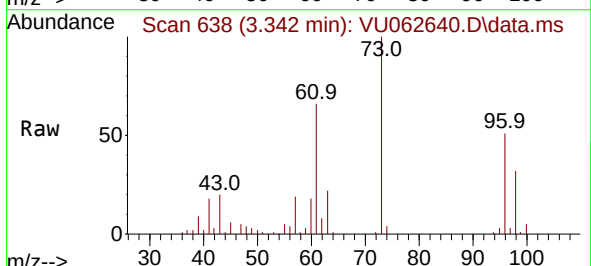


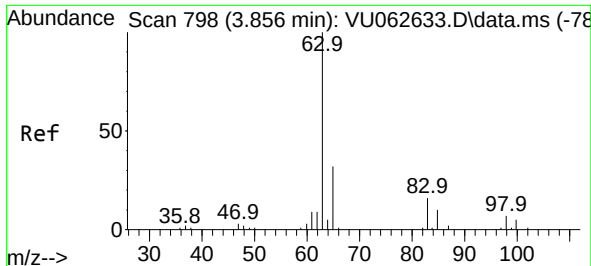
Tgt Ion: 73 Resp: 89896
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5
57 18.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.728 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 96 Resp: 32691
Ion Ratio Lower Upper
96 100
61 129.5 104.2 193.4
98 62.9 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.882 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

ClientSampleId :

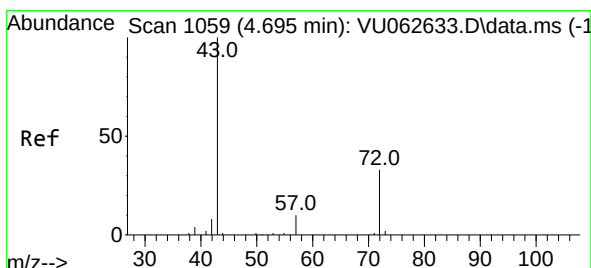
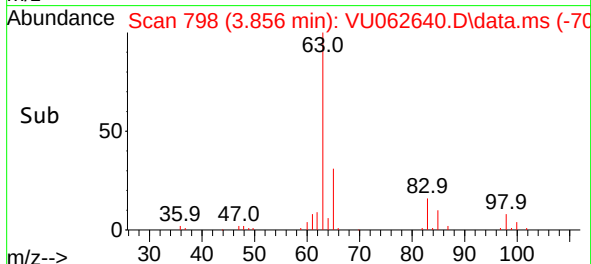
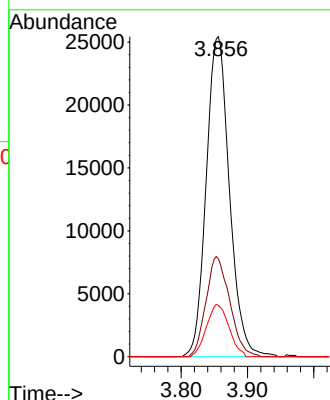
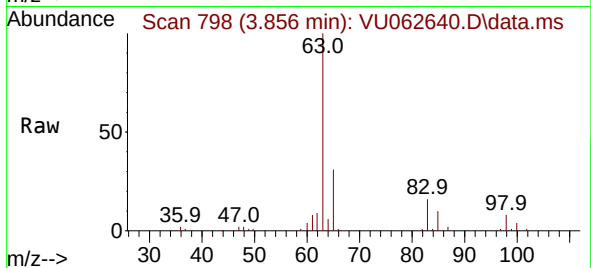
Tgt Ion: 63 Resp: 61877

Ion Ratio Lower Upper

63 100

65 30.7 22.7 42.3

83 16.0 9.9 18.3



#21

2-Butanone

Concen: 51.318 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. -0.003 min

Lab File: VU062640.D

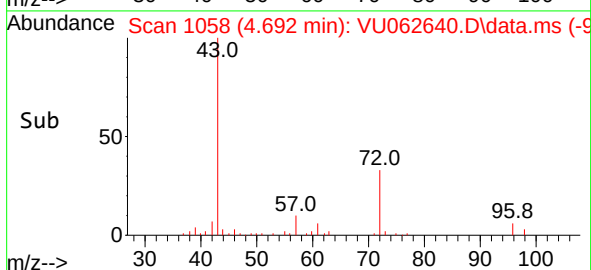
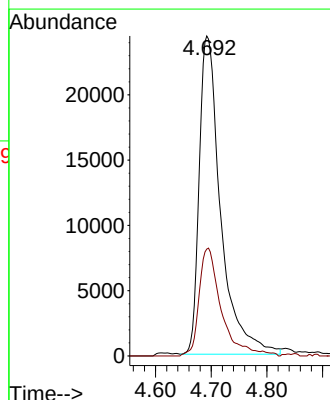
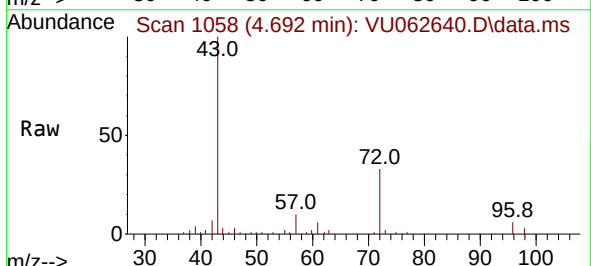
Acq: 31 Dec 2024 10:35

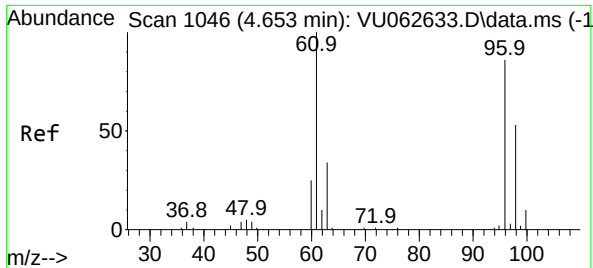
Tgt Ion: 43 Resp: 65381

Ion Ratio Lower Upper

43 100

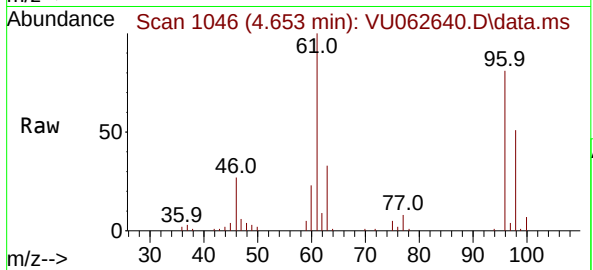
72 34.3 14.8 44.4



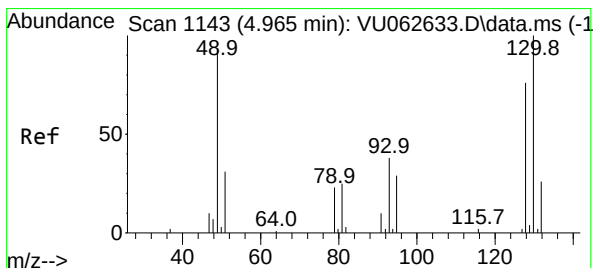
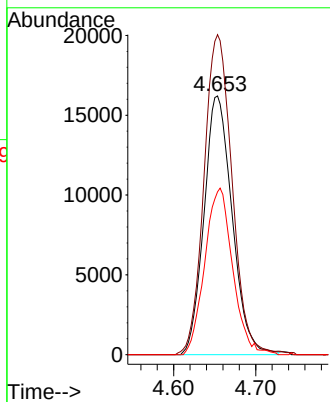
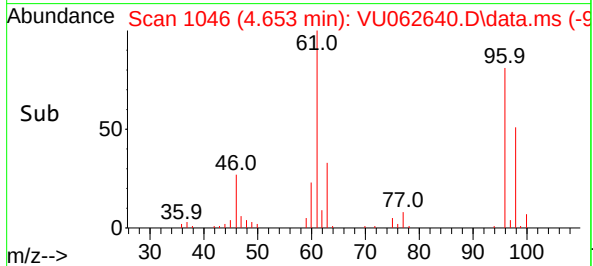


#22
 cis-1,2-Dichloroethene
 Concen: 4.992 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

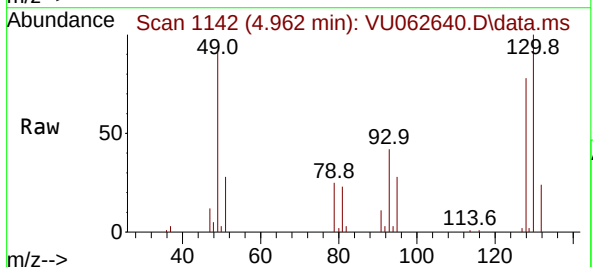
Instrument :
 MSVOA_U
 ClientSampleId :



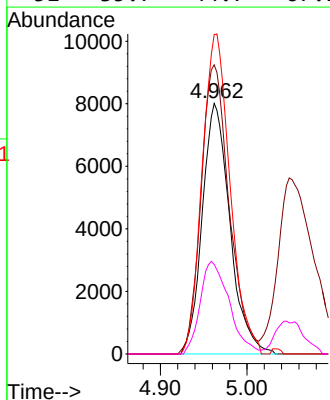
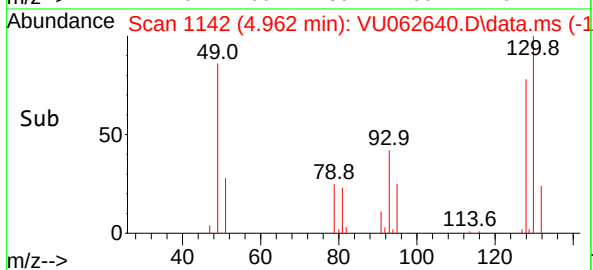
Tgt Ion: 96 Resp: 38691
 Ion Ratio Lower Upper
 96 100
 61 123.7 92.0 170.8
 98 62.9 44.5 82.7

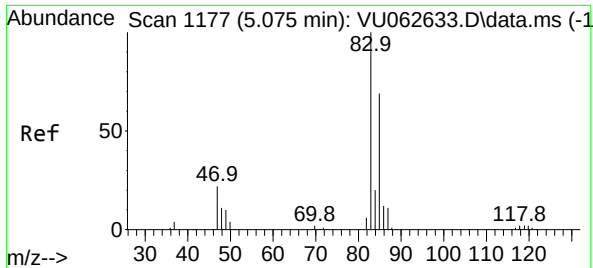


#23
 Bromochloromethane
 Concen: 5.234 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35



Tgt Ion: 128 Resp: 17782
 Ion Ratio Lower Upper
 128 100
 49 115.4 115.3 214.1
 130 127.5 92.0 170.8
 51 35.7 44.7 67.1#

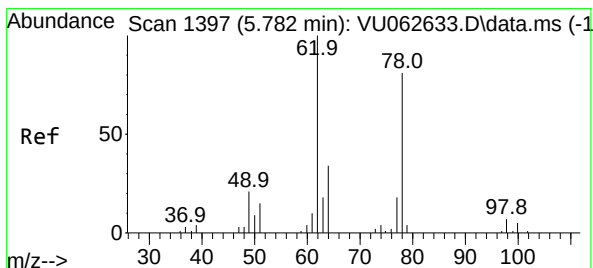
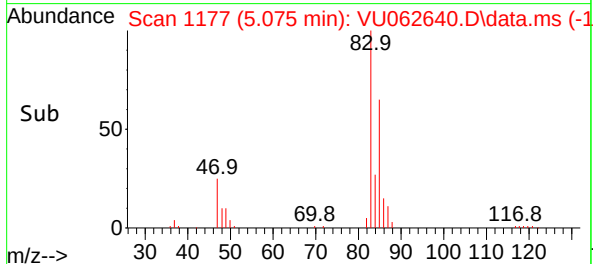
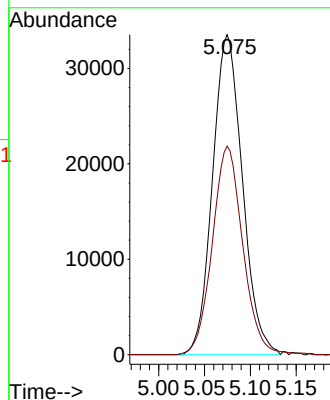
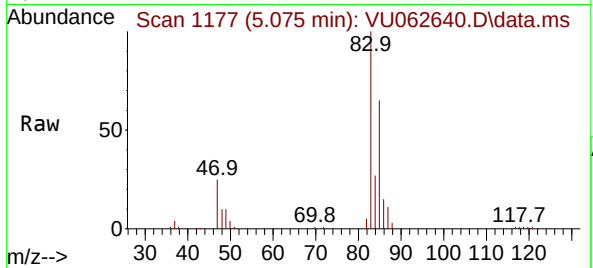




#25
Chloroform
Concen: 5.317 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

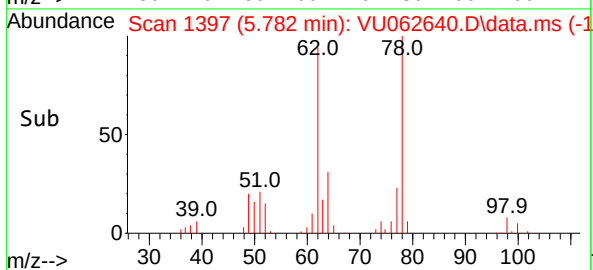
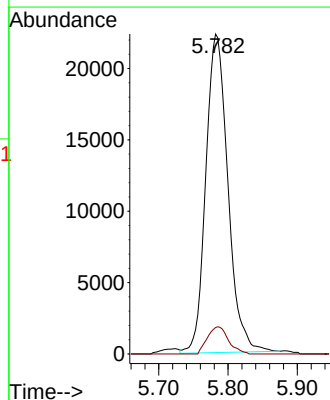
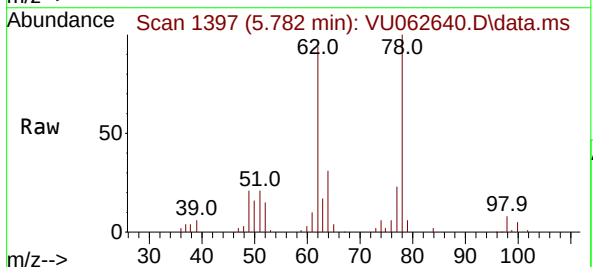
Instrument :
MSVOA_U
ClientSampleId :

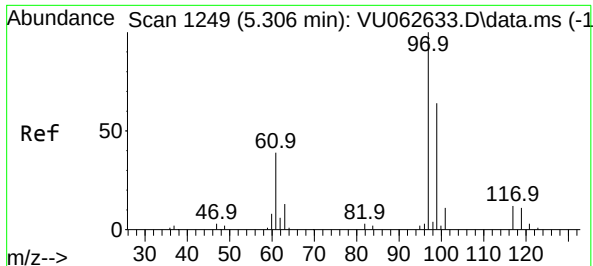
Tgt Ion: 83 Resp: 75915
Ion Ratio Lower Upper
83 100
85 65.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.451 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 62 Resp: 49457
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.432 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

ClientSampleId :

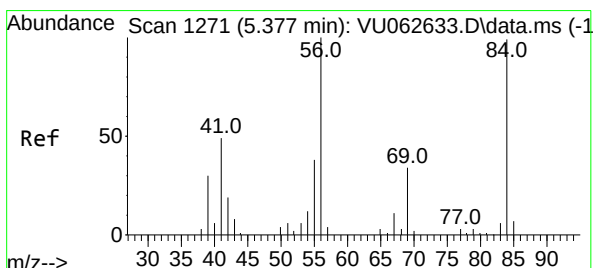
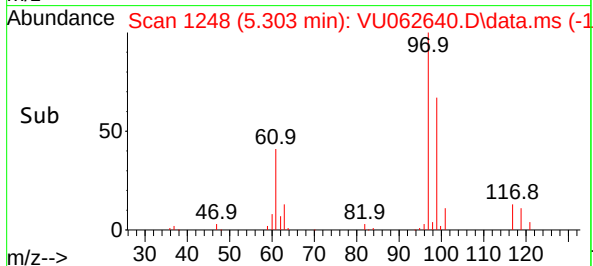
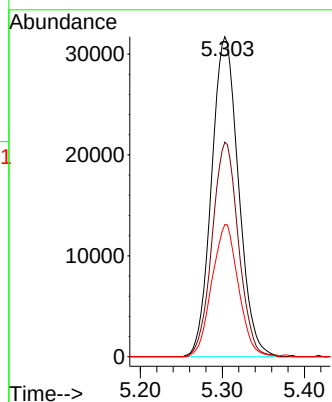
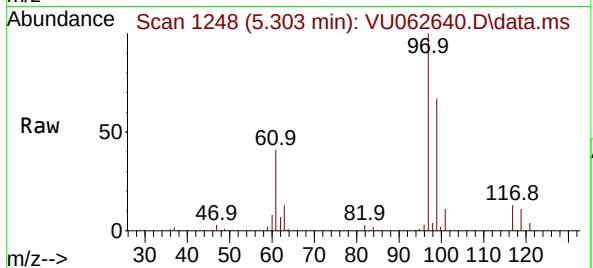
Tgt Ion: 97 Resp: 72582

Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.2

61 40.6 37.8 56.6



#30

Cyclohexane

Concen: 4.050 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

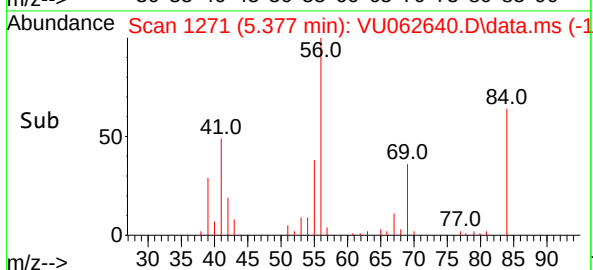
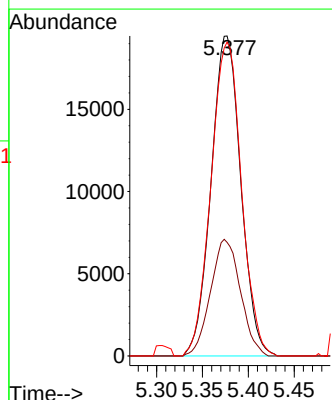
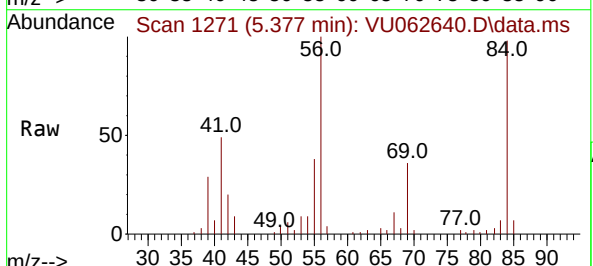
Tgt Ion: 56 Resp: 43883

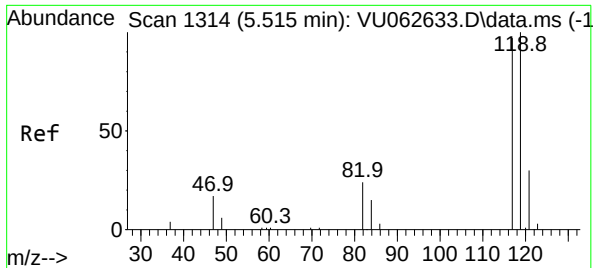
Ion Ratio Lower Upper

56 100

69 36.6 25.1 37.7

84 100.5 70.6 105.8

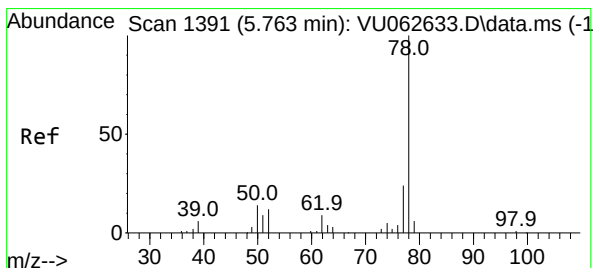
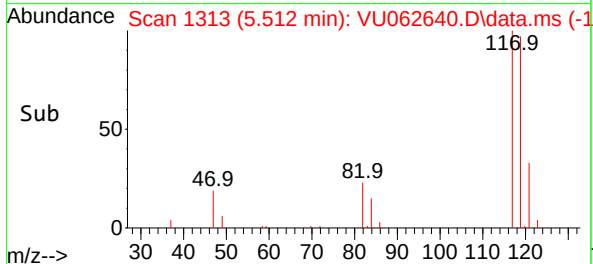
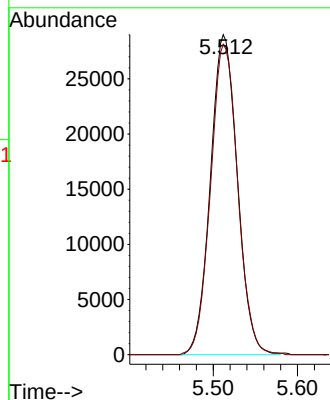
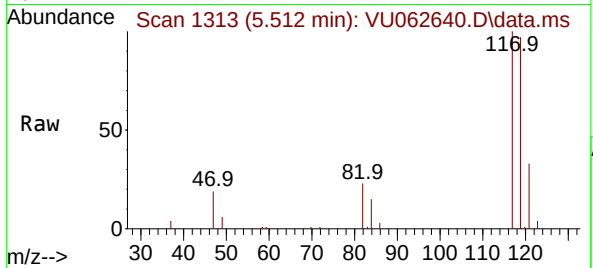




#31
Carbon tetrachloride
Concen: 5.264 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

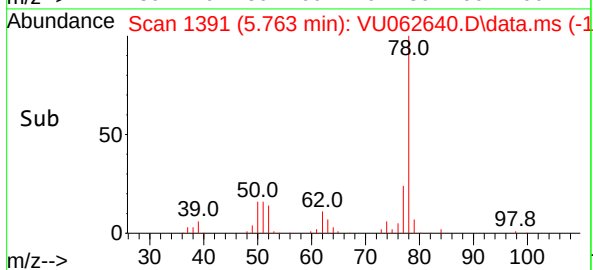
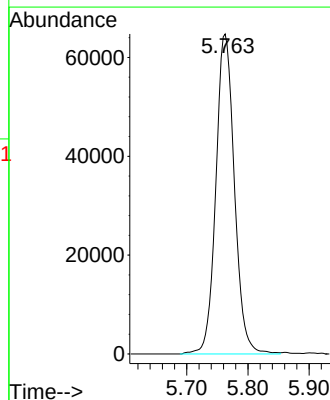
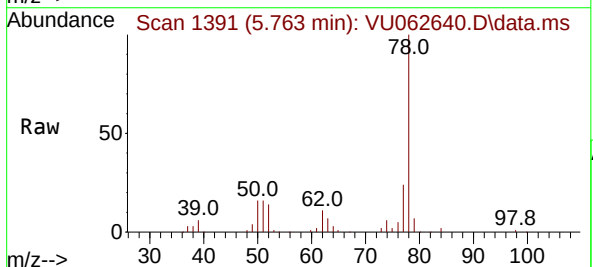
Instrument :
MSVOA_U
ClientSampleId :

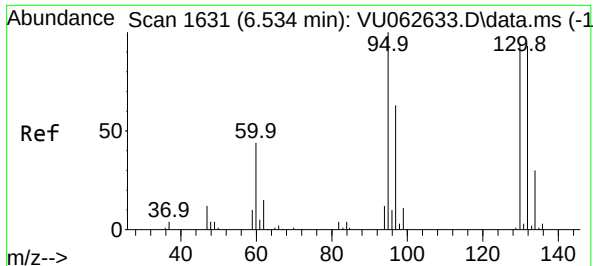
Tgt Ion:117 Resp: 64498
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 4.644 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 78 Resp: 136703





#34

Trichloroethene

Concen: 5.190 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 43274

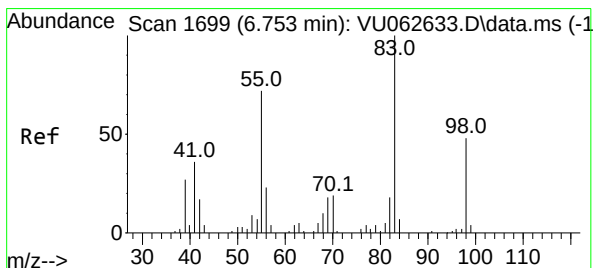
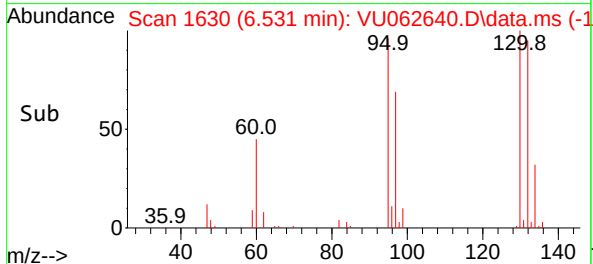
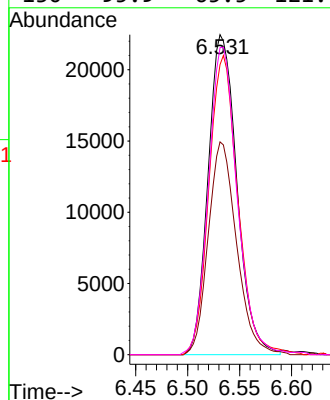
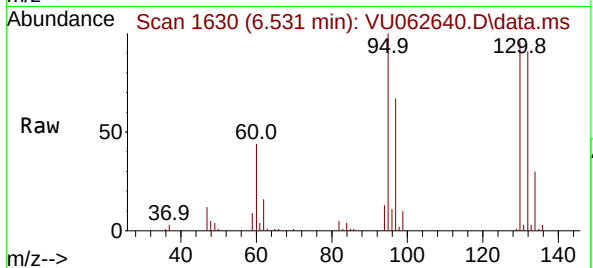
Ion Ratio Lower Upper

95 100

97 66.5 45.9 85.3

132 90.7 63.8 118.4

130 95.9 65.5 121.7



#35

Methylcyclohexane

Concen: 4.270 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

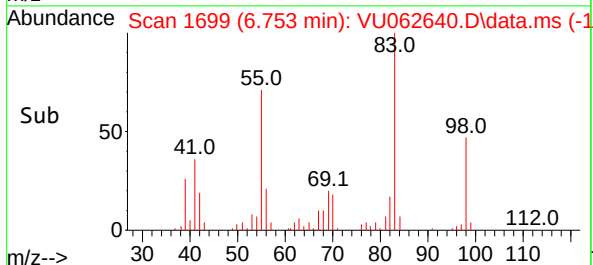
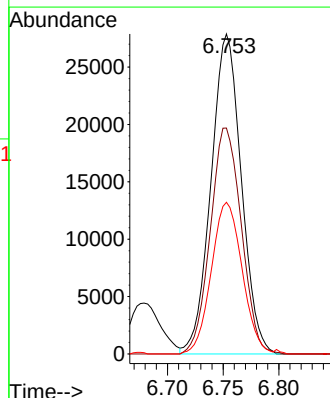
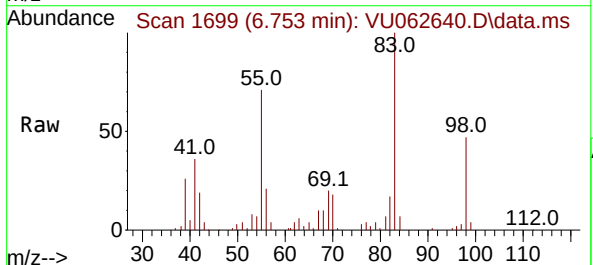
Tgt Ion: 83 Resp: 52790

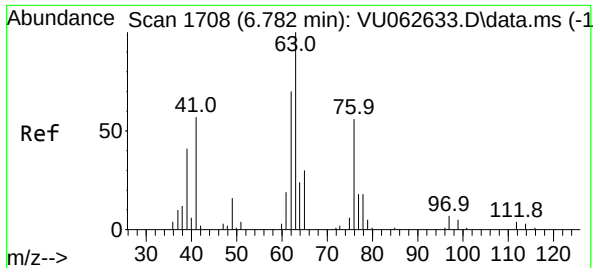
Ion Ratio Lower Upper

83 100

55 72.4 60.7 91.1

98 48.3 34.8 52.2

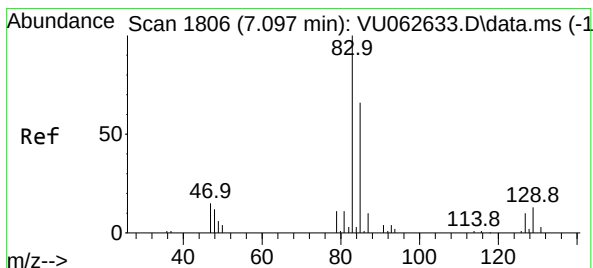
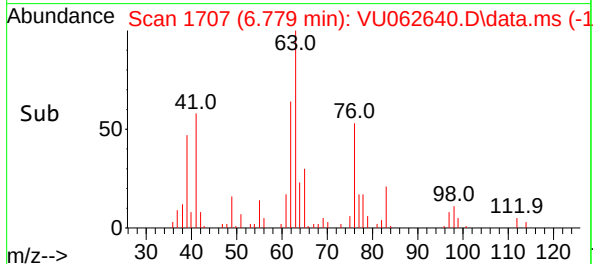
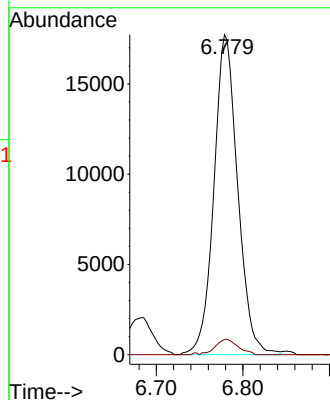
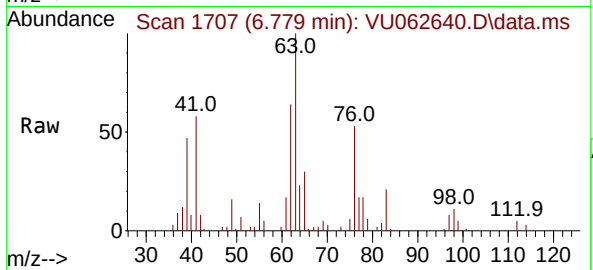




#37
1,2-Dichloropropane
Concen: 4.725 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

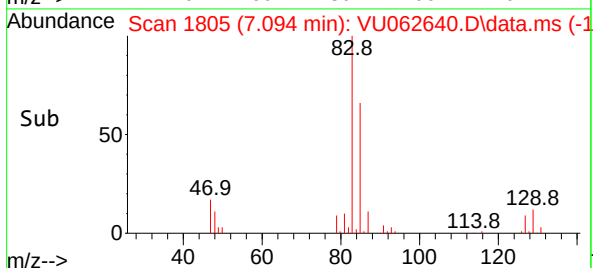
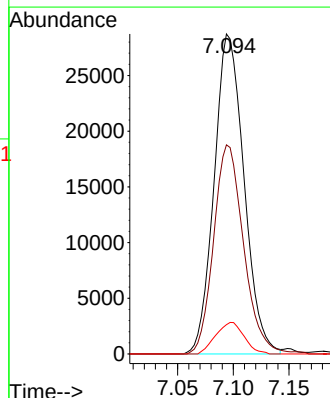
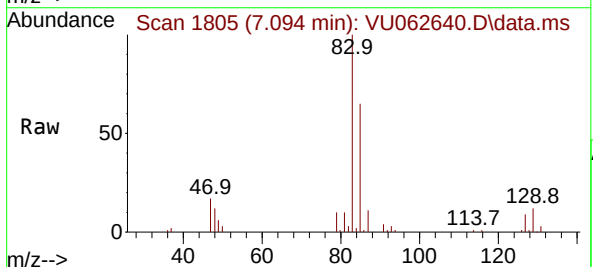
Instrument :
MSVOA_U
ClientSampleId :

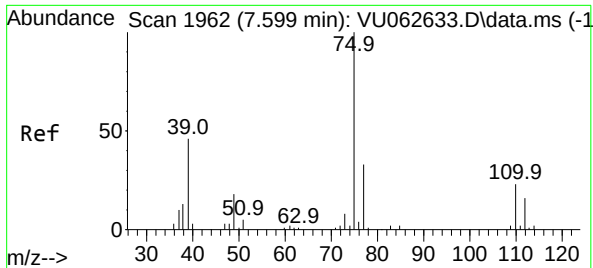
Tgt Ion: 63 Resp: 33869
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.0



#38
Bromodichloromethane
Concen: 5.302 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 83 Resp: 53617
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
127 9.2 6.9 10.3

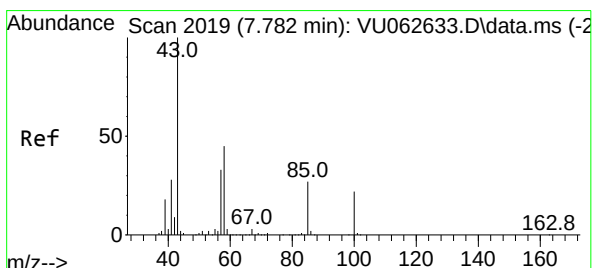
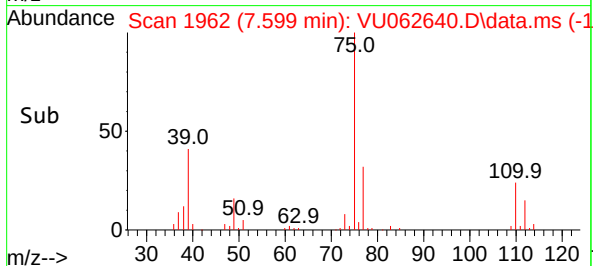
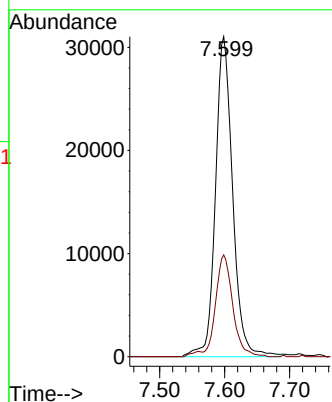
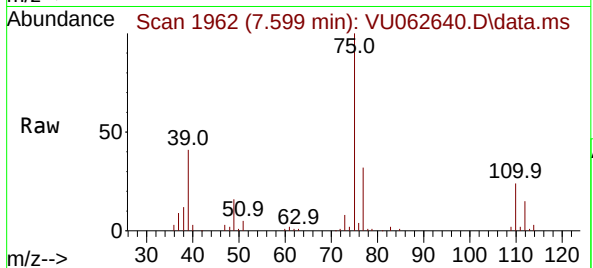




#39
 cis-1,3-Dichloropropene
 Concen: 4.963 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

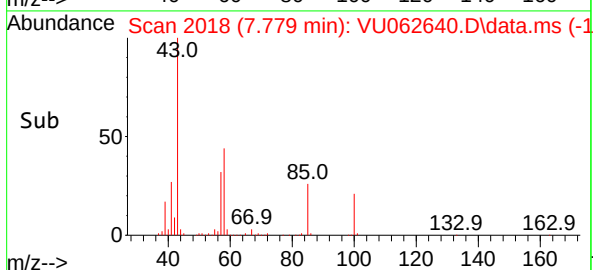
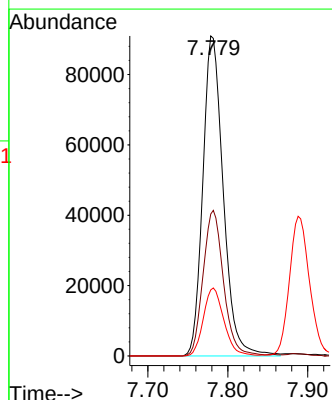
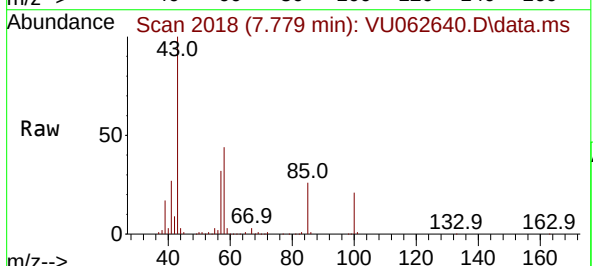
Instrument :
 MSVOA_U
 ClientSampleId :

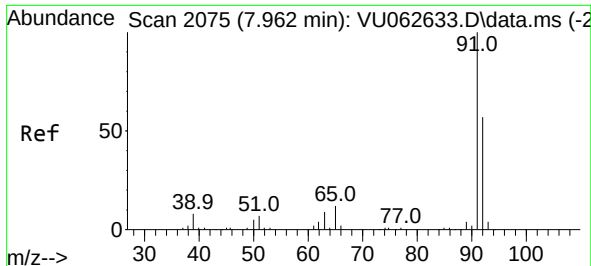
Tgt Ion: 75 Resp: 57016
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 48.243 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

Tgt Ion: 43 Resp: 162067
 Ion Ratio Lower Upper
 43 100
 58 45.4 33.3 49.9
 100 21.3 12.4 18.6#





#42

Toluene

Concen: 4.834 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

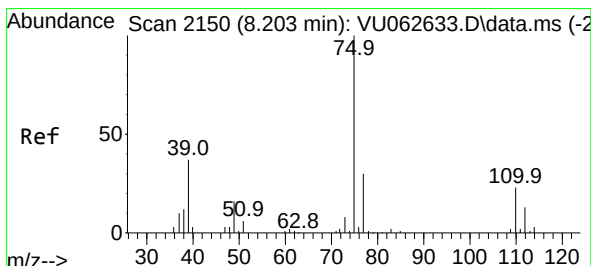
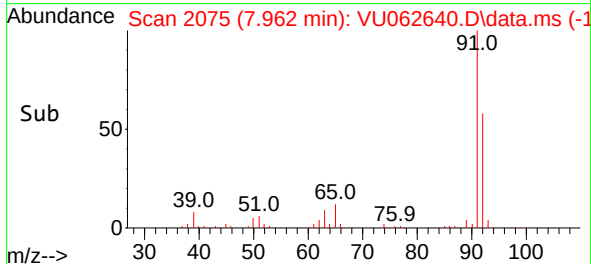
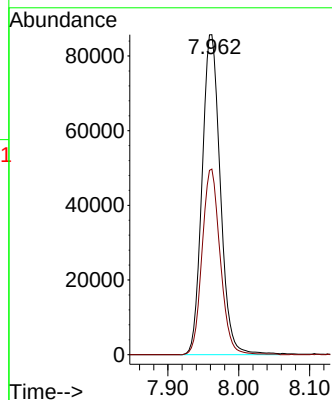
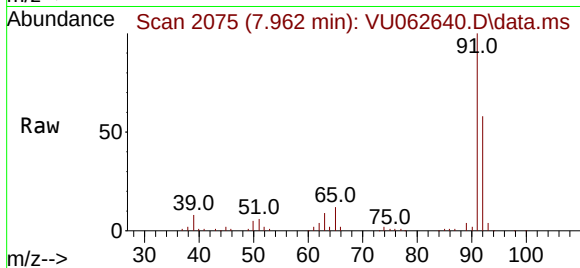
ClientSampleId :

Tgt Ion: 91 Resp: 153413

Ion Ratio Lower Upper

91 100

92 58.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.345 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062640.D

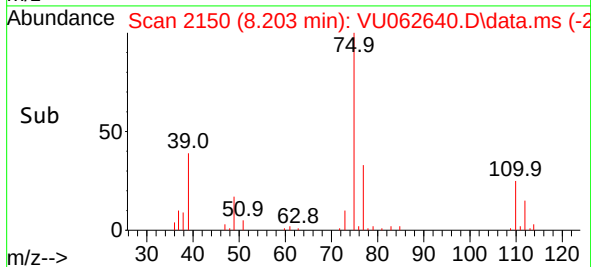
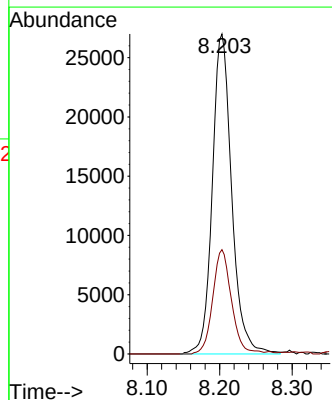
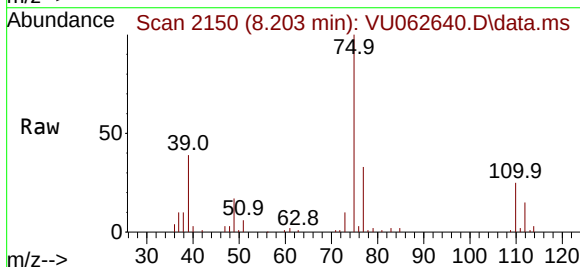
Acq: 31 Dec 2024 10:35

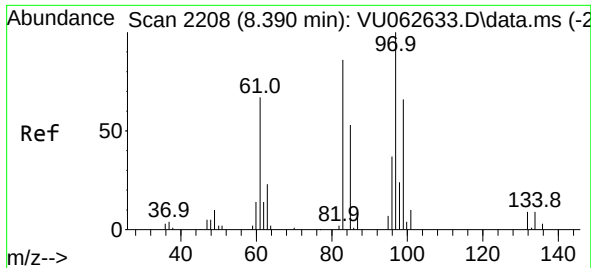
Tgt Ion: 75 Resp: 50144

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4



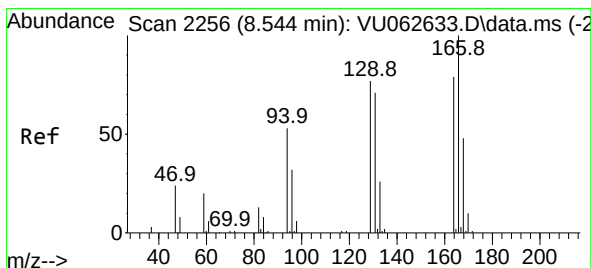
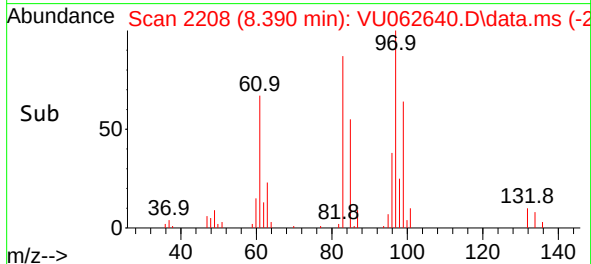
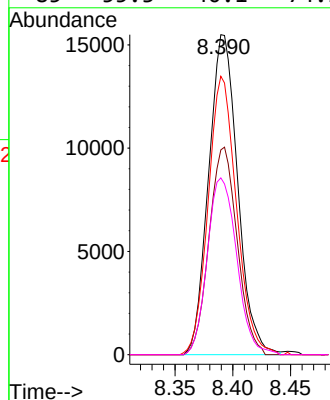
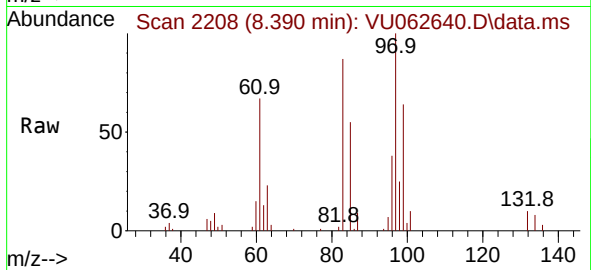


#45
1,1,2-Trichloroethane
Concen: 5.012 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27119

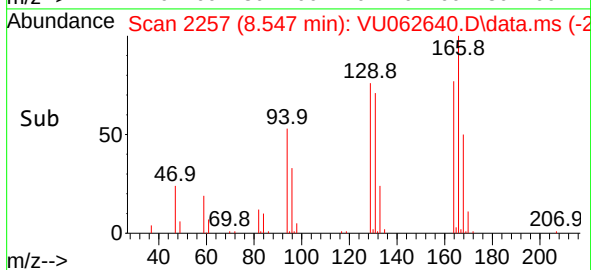
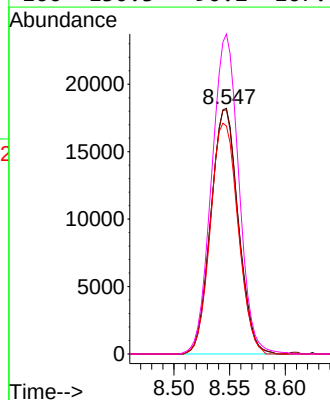
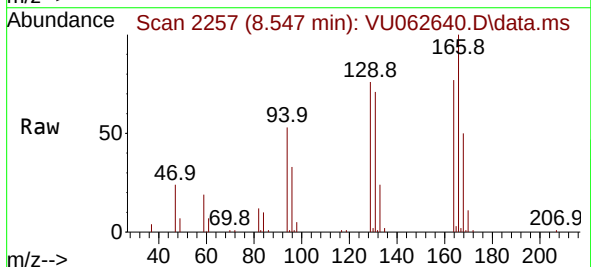
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.0	79.8
83	87.0	61.7	114.5
85	55.3	40.1	74.5

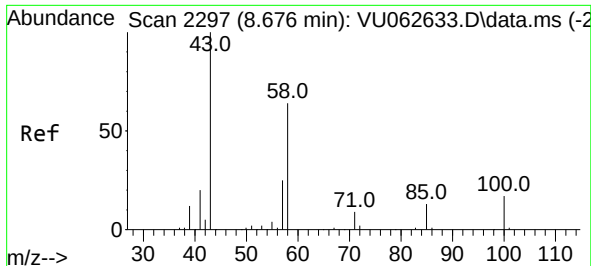


#47
Tetrachloroethene
Concen: 4.870 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:164 Resp: 31348

Ion	Ratio	Lower	Upper
164	100		
129	99.3	73.2	136.0
131	92.9	72.3	134.3
166	130.3	90.2	167.4

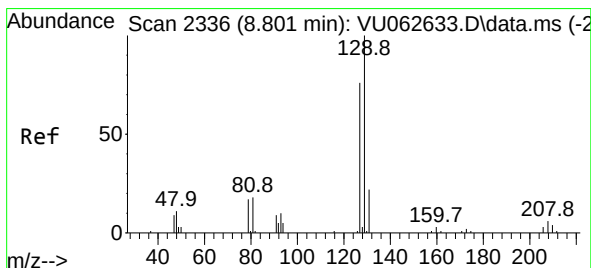
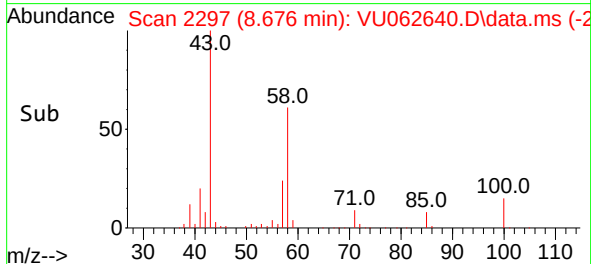
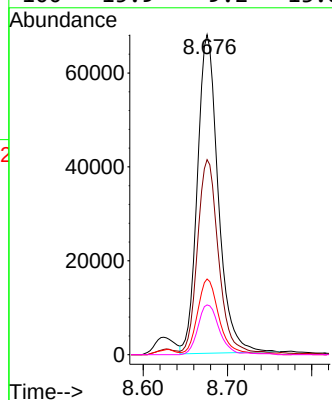
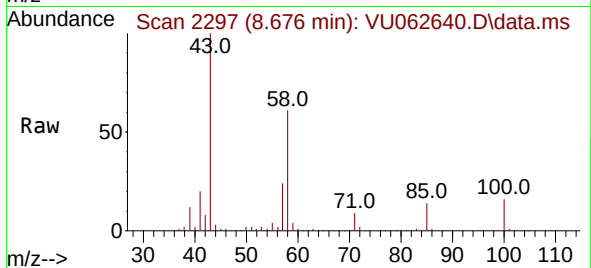




#48
2-Hexanone
Concen: 47.038 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

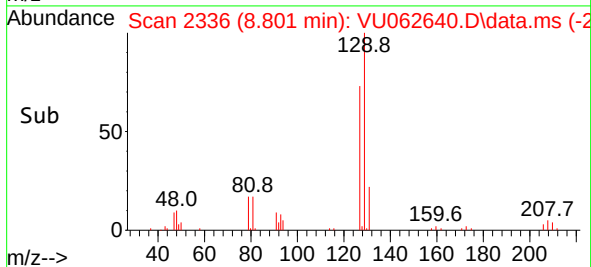
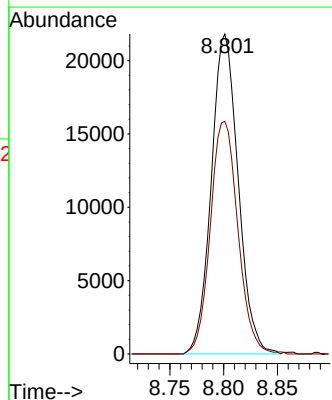
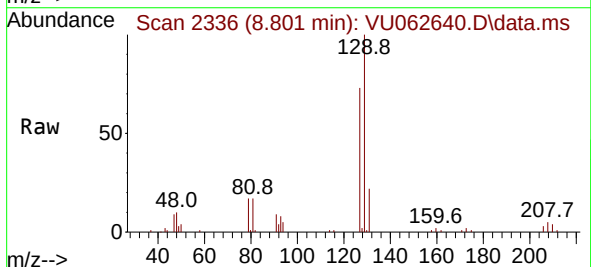
Instrument :
MSVOA_U
ClientSampleId :

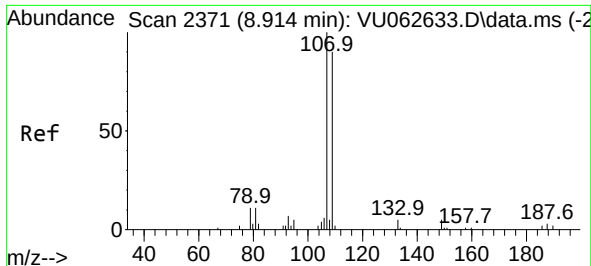
Tgt Ion: 43 Resp: 116782
Ion Ratio Lower Upper
43 100
58 60.6 47.5 71.3
57 24.9 15.6 23.4#
100 15.9 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.811 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

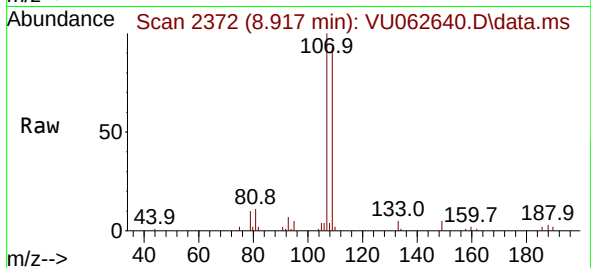
Tgt Ion: 129 Resp: 37989
Ion Ratio Lower Upper
129 100
127 72.7 51.1 94.9



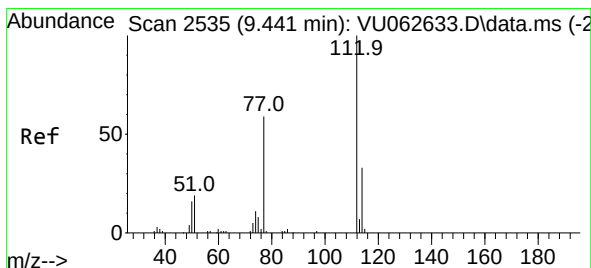
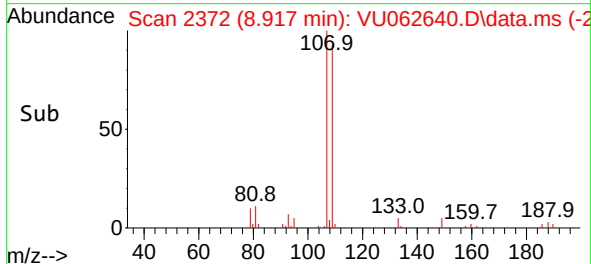
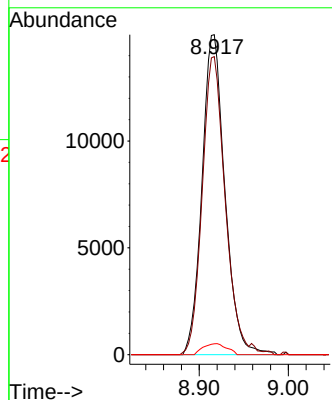


#50
1,2-Dibromoethane
Concen: 5.142 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :

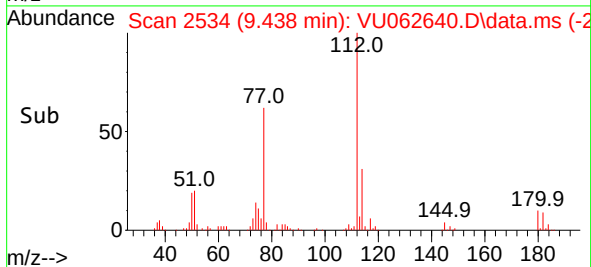
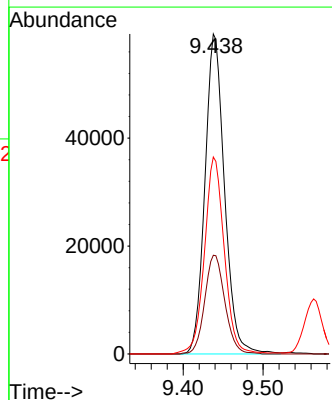
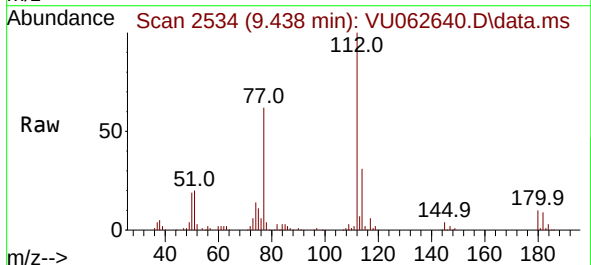


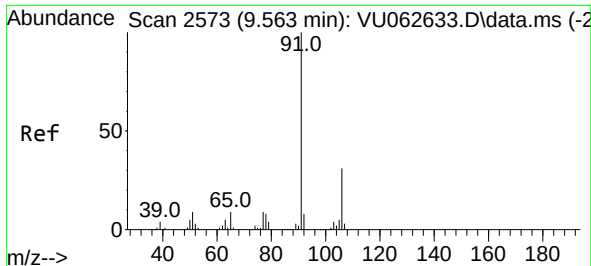
Tgt Ion:107 Resp: 26736
Ion Ratio Lower Upper
107 100
109 93.1 66.8 124.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 4.976 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:112 Resp: 101190
Ion Ratio Lower Upper
112 100
114 30.8 23.0 42.6
77 61.5 50.5 75.7

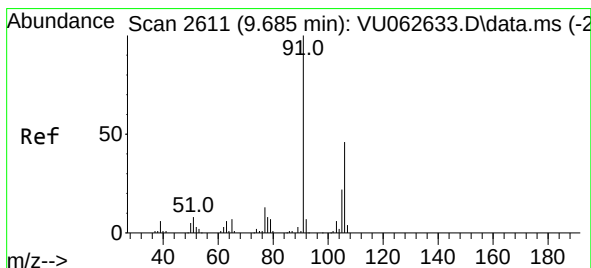
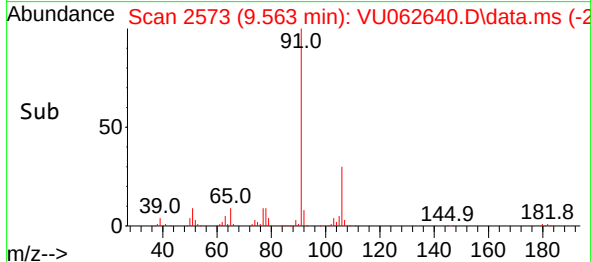
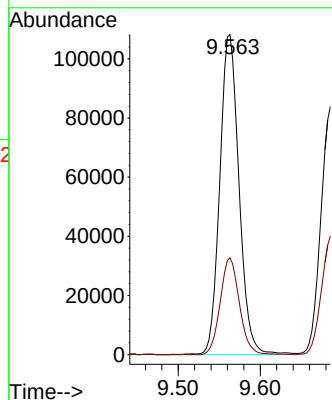
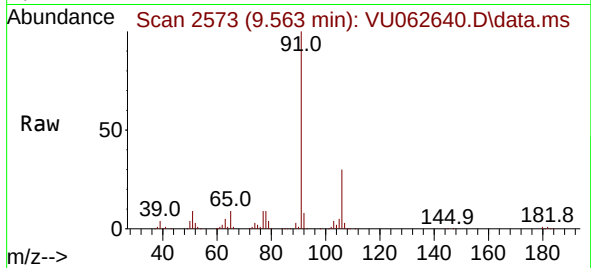




#52
Ethylbenzene
Concen: 4.949 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

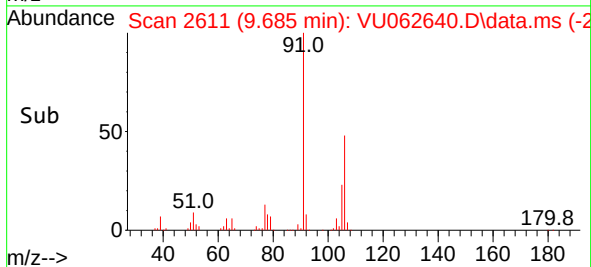
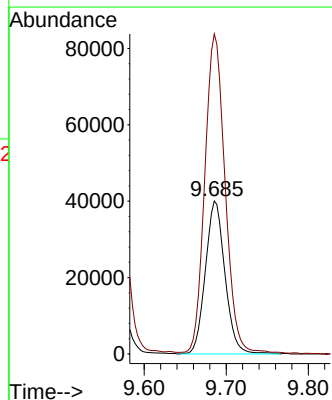
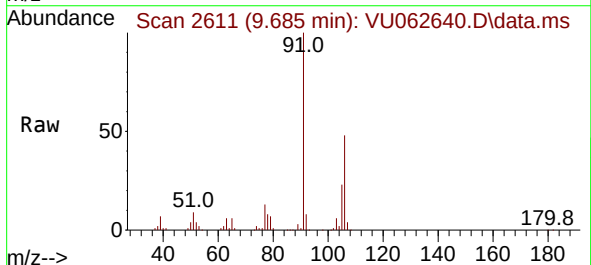
Instrument :
MSVOA_U
ClientSampleId :

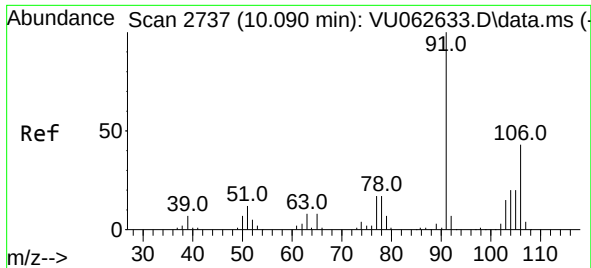
Tgt Ion: 91 Resp: 176099
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.0



#53
m,p-Xylene
Concen: 5.056 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:106 Resp: 66420
Ion Ratio Lower Upper
106 100
91 209.1 147.6 274.0

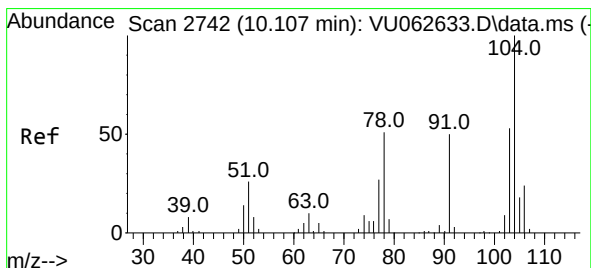
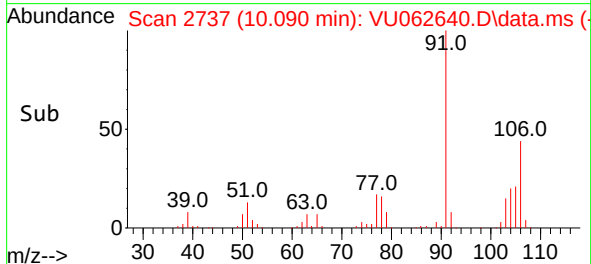
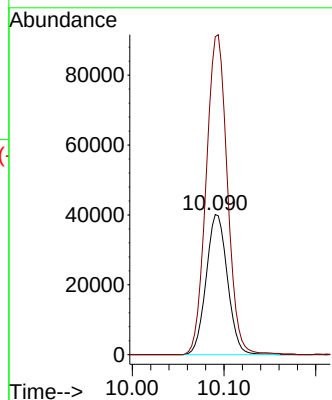
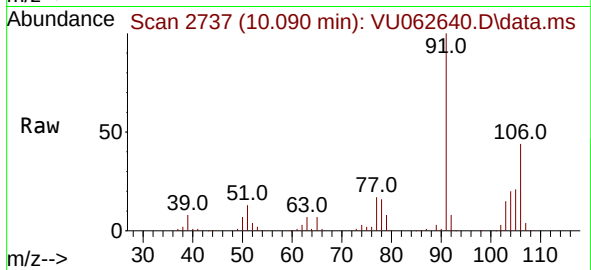




#54
o-Xylene
Concen: 5.067 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

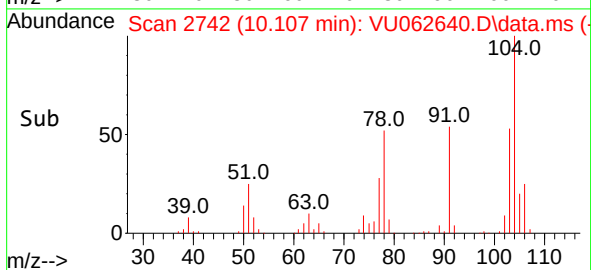
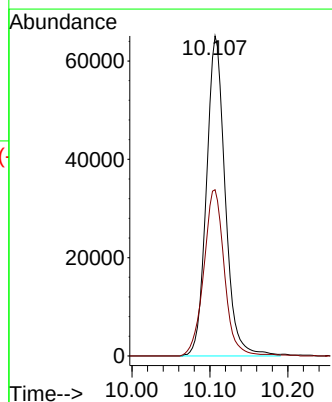
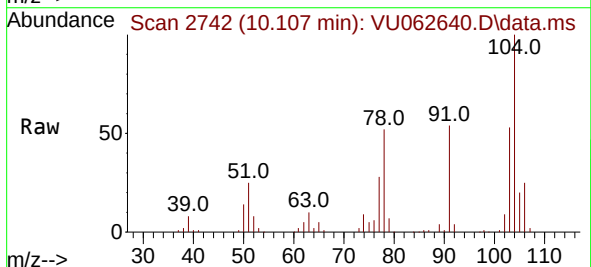
Instrument :
MSVOA_U
ClientSampleId :

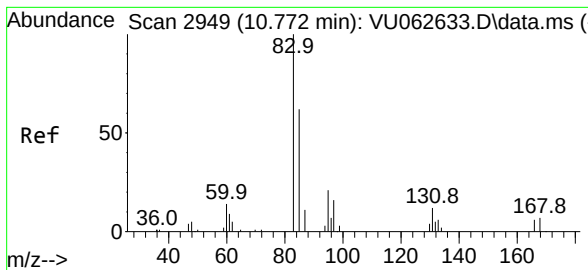
Tgt Ion:106 Resp: 64739
Ion Ratio Lower Upper
106 100
91 226.8 159.8 296.8



#55
Styrene
Concen: 5.165 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:104 Resp: 108800
Ion Ratio Lower Upper
104 100
78 51.9 33.2 61.7

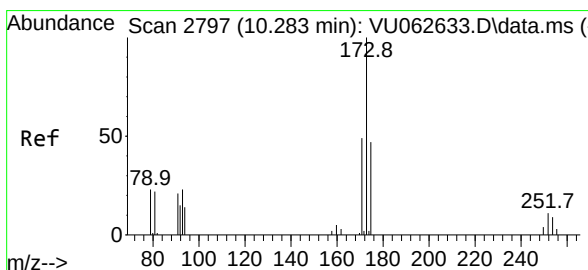
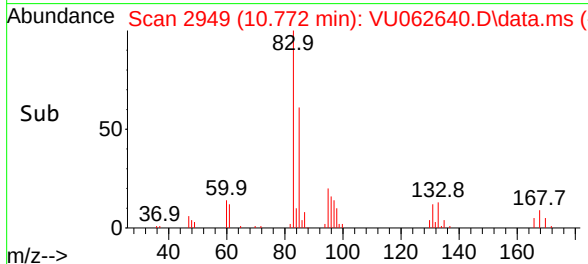
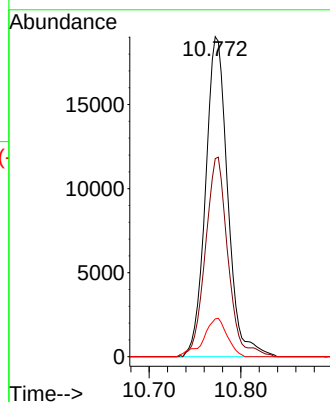
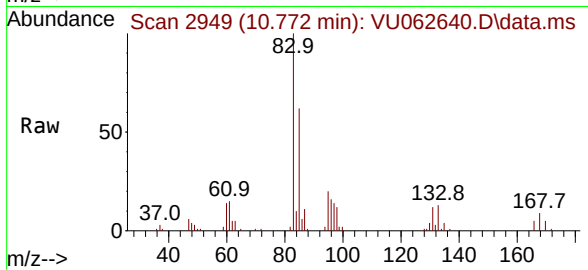




#57
1,1,2,2-Tetrachloroethane
Concen: 5.079 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

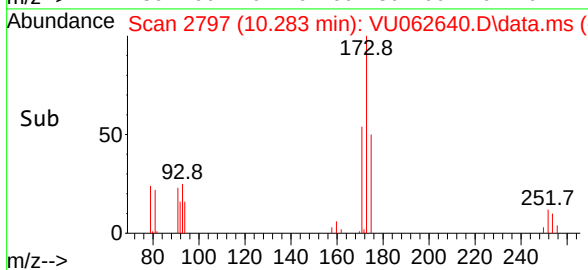
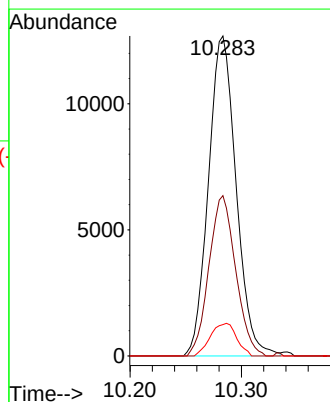
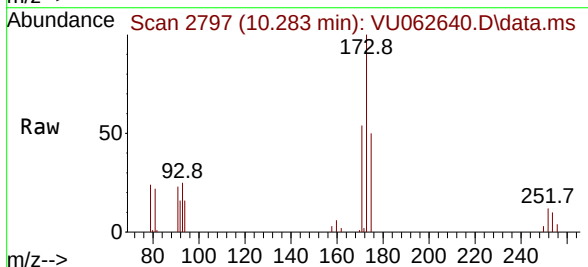
Instrument :
MSVOA_U
ClientSampleId :

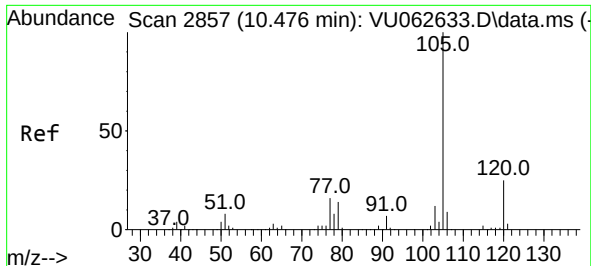
Tgt Ion: 83 Resp: 31988
Ion Ratio Lower Upper
83 100
85 61.9 44.4 82.4
131 11.8 7.3 10.9#



#59
Bromoform
Concen: 5.588 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:173 Resp: 21883
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 9.6 7.4 11.0

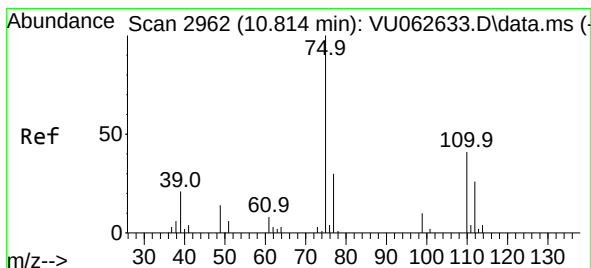
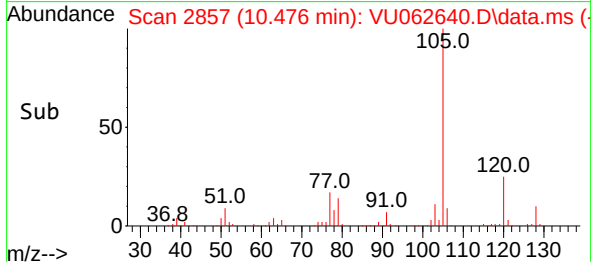
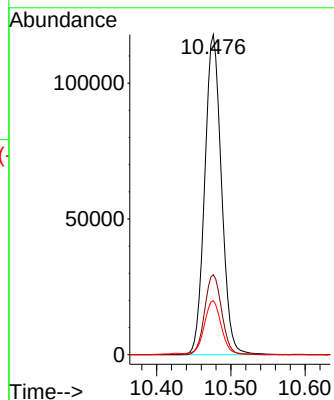
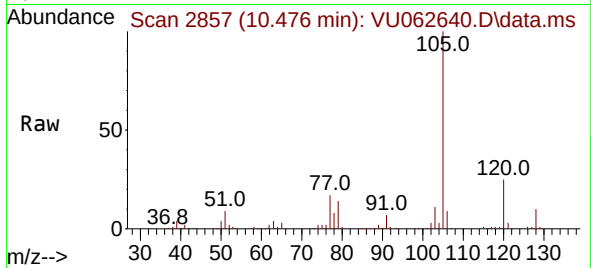




#60
Isopropylbenzene
Concen: 5.121 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

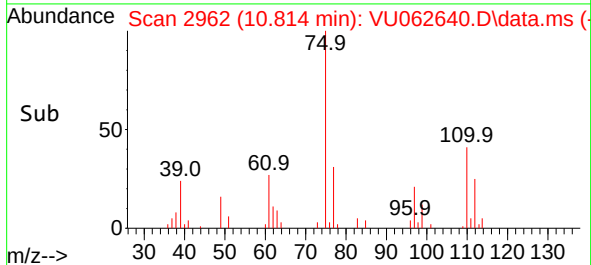
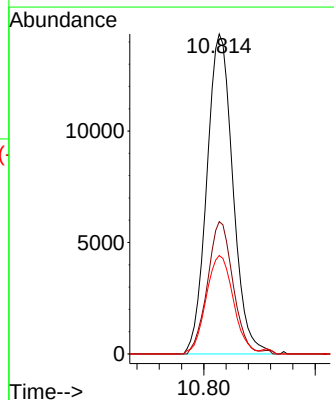
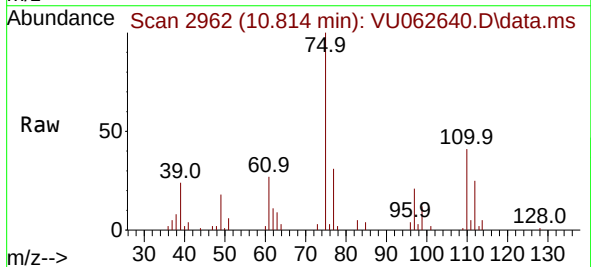
Instrument :
MSVOA_U
ClientSampleId :

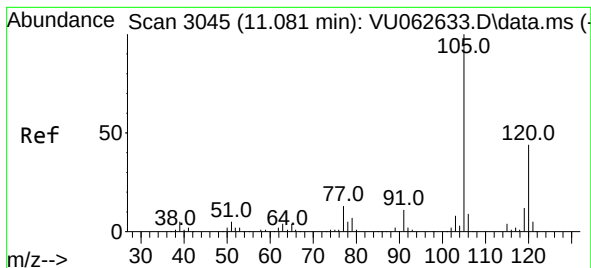
Tgt Ion:105 Resp: 184346
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.063 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion: 75 Resp: 23330
Ion Ratio Lower Upper
75 100
110 40.3 28.9 43.3
77 32.2 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.083 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

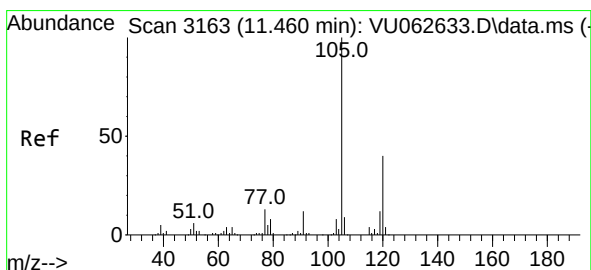
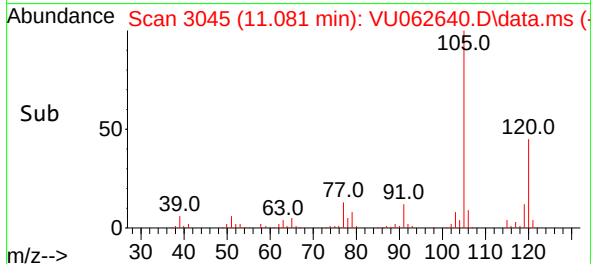
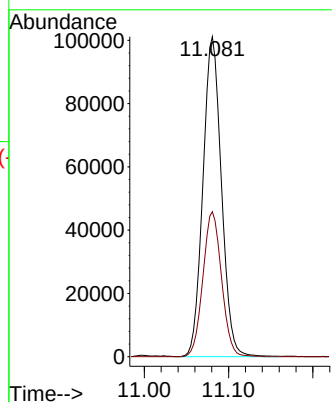
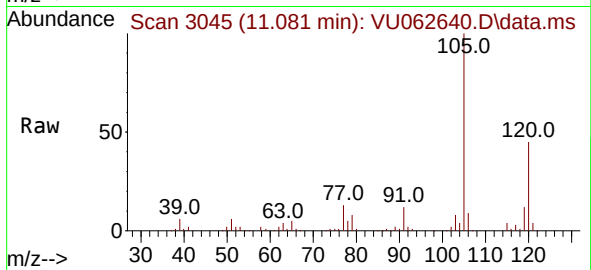
ClientSampleId :

Tgt Ion:105 Resp: 154847

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.227 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062640.D

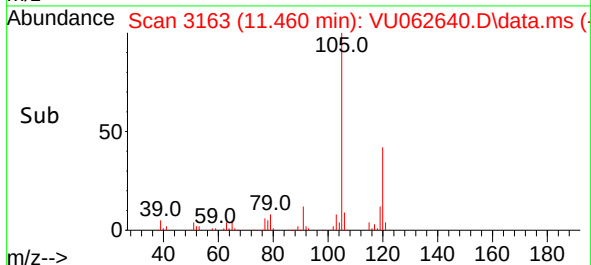
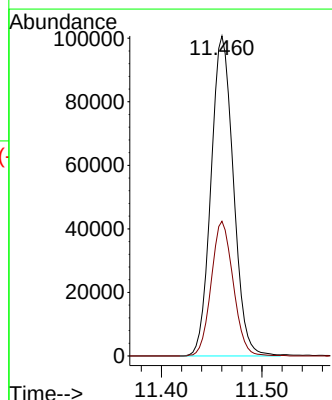
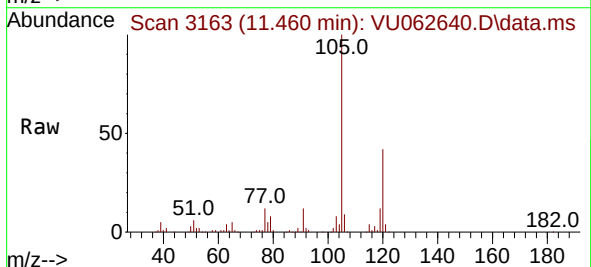
Acq: 31 Dec 2024 10:35

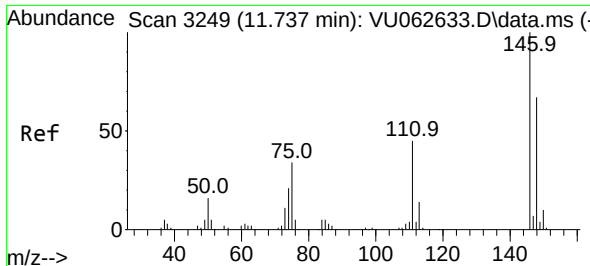
Tgt Ion:105 Resp: 156014

Ion Ratio Lower Upper

105 100

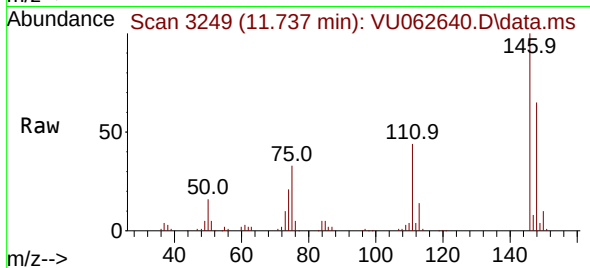
120 41.3 34.7 52.1



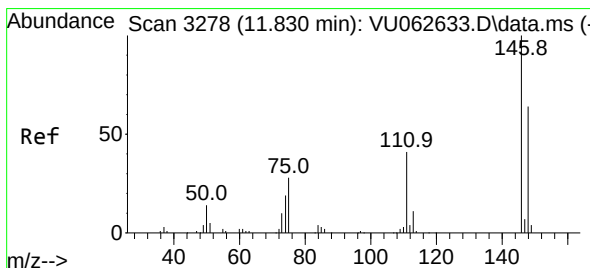
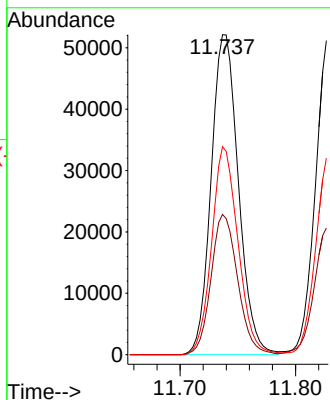
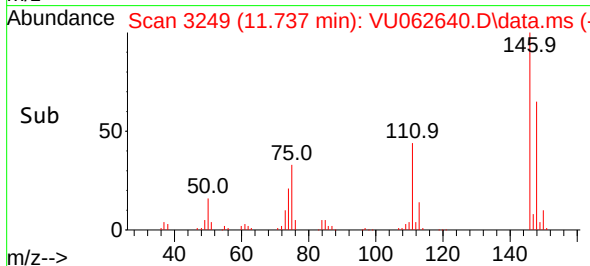


#64
1,3-Dichlorobenzene
Concen: 5.167 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

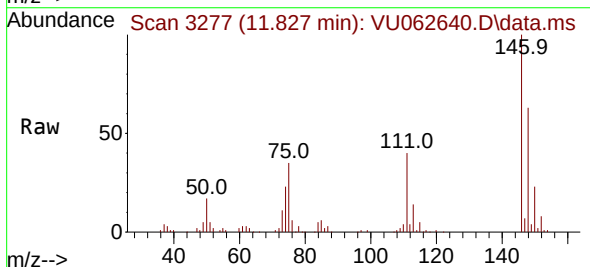
Instrument :
MSVOA_U
ClientSampleId :



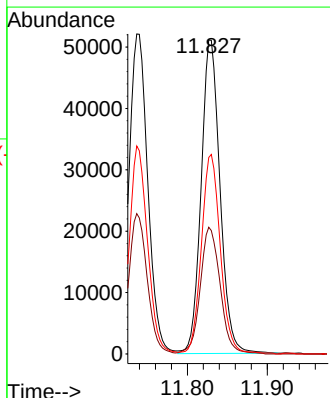
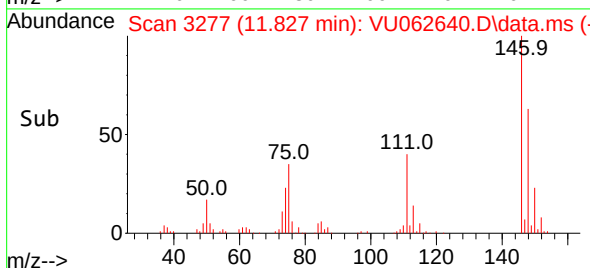
Tgt Ion:146 Resp: 85447
Ion Ratio Lower Upper
146 100
111 43.8 30.7 57.1
148 65.0 45.1 83.7

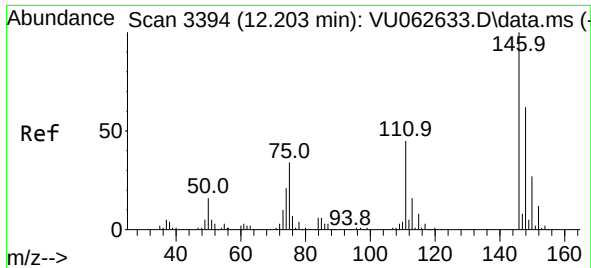


#65
1,4-Dichlorobenzene
Concen: 5.056 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35



Tgt Ion:146 Resp: 84193
Ion Ratio Lower Upper
146 100
111 40.4 29.3 54.3
148 62.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.172 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

Instrument :

MSVOA_U

ClientSampleId :

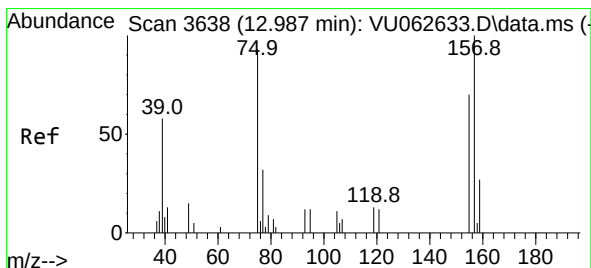
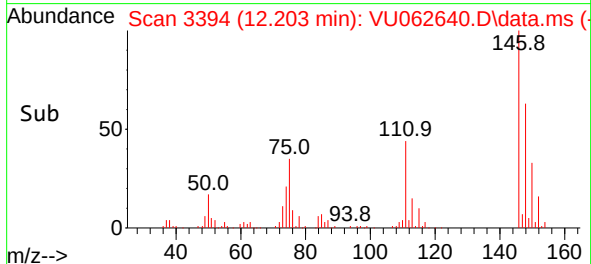
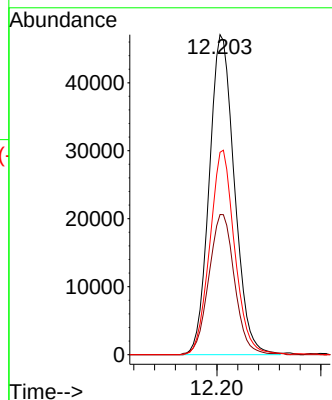
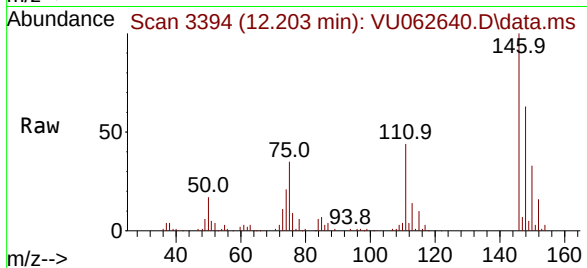
Tgt Ion:146 Resp: 79040

Ion Ratio Lower Upper

146 100

111 43.8 36.0 54.0

148 63.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.121 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062640.D

Acq: 31 Dec 2024 10:35

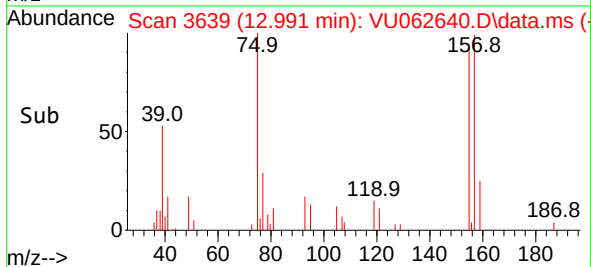
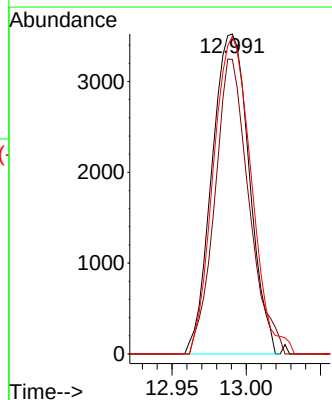
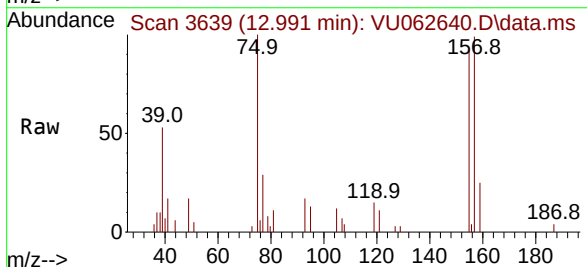
Tgt Ion: 75 Resp: 6153

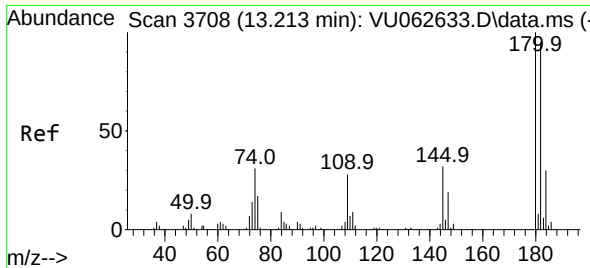
Ion Ratio Lower Upper

75 100

155 92.1 55.2 82.8#

157 99.3 73.5 110.3

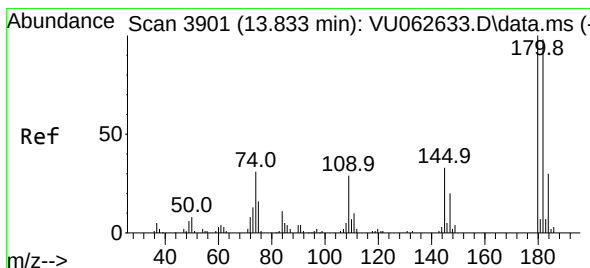
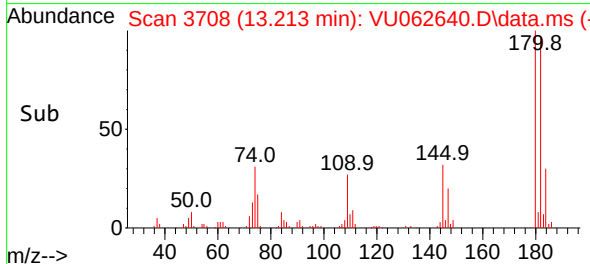
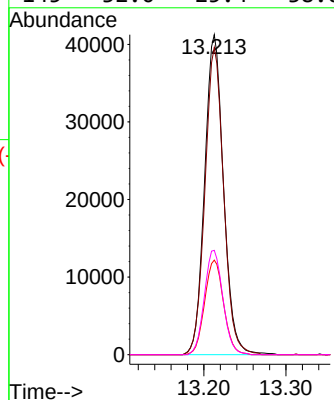
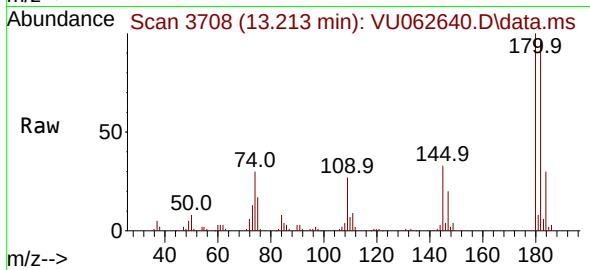




#69
 1,3,5-Trichlorobenzene
 Concen: 5.366 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

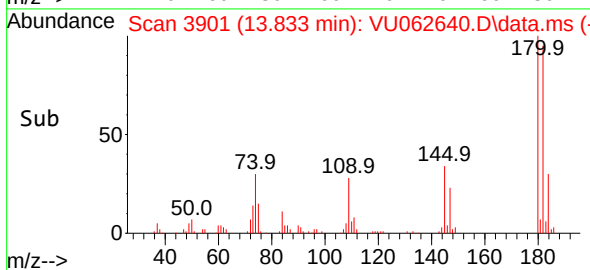
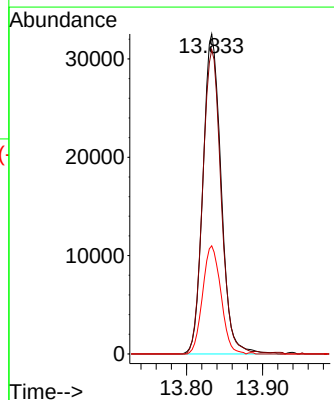
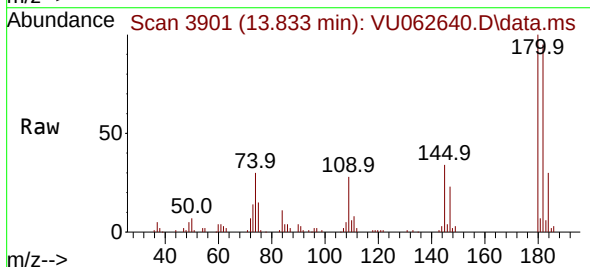
Instrument :
 MSVOA_U
 ClientSampleId :

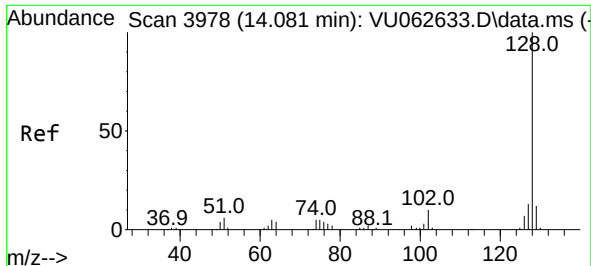
Tgt Ion:180	Resp:	65962
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.7 115.1
184	29.6	24.8 37.2
145	32.0	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.550 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU062640.D
 Acq: 31 Dec 2024 10:35

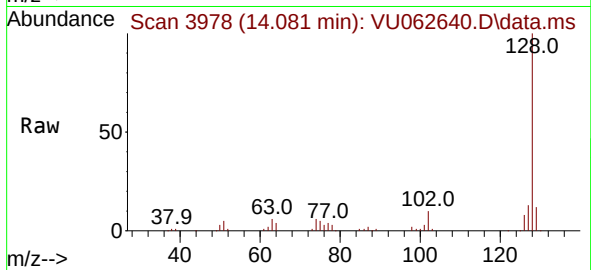
Tgt Ion:180	Resp:	53867
Ion Ratio	Lower	Upper
180	100	
182	96.4	74.5 111.7
145	34.0	25.6 38.4



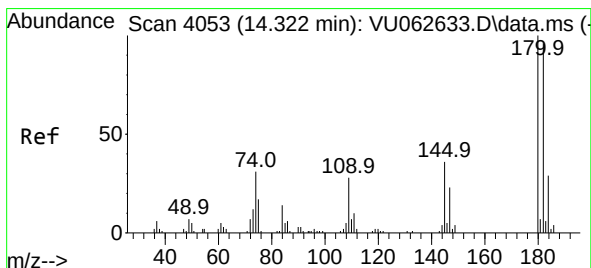
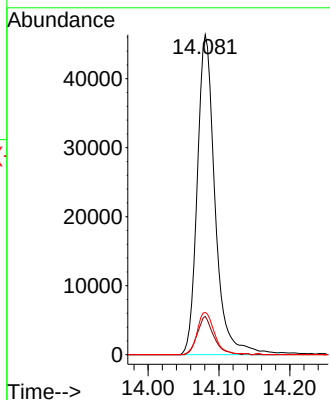
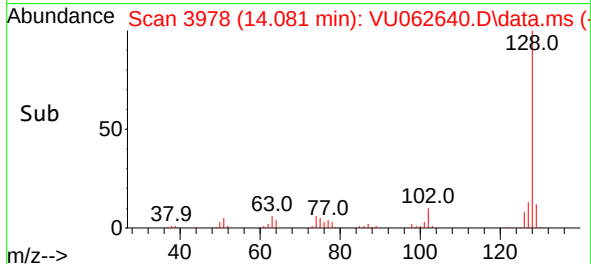


#71
Naphthalene
Concen: 5.543 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 80784
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.476 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062640.D
Acq: 31 Dec 2024 10:35

Tgt Ion:180 Resp: 46872
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 34.8 27.4 41.0

