

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062610.D
 Acq On : 27 Dec 2024 11:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 21:51:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	104359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	49654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	24649	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.904	69	19946	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	65	12809	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.618	46	61888	45.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.760%
24) Chloroform-d	5.049	84	65823	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.689	65	35744	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.715	84	113985	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.679	67	33841	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.888	98	113099	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.171	79	16386	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	56667	52.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28262	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43720	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	41891	4.285	ug/L	98
3) Chloromethane	1.512	50	28334	3.698	ug/L	94
5) Vinyl chloride	1.596	62	33975	4.259	ug/L	100
6) Bromomethane	1.850	94	25197	4.738	ug/L	97
8) Chloroethane	1.924	64	19422	4.346	ug/L	97
9) Trichlorofluoromethane	2.129	101	73332	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37375	4.959	ug/L	89
12) 1,1-Dichloroethene	2.570	96	32425	4.602	ug/L	91
13) Acetone	2.631	43	47166	51.350	ug/L	99
14) Carbon disulfide	2.782	76	82133	3.686	ug/L	100
15) Methyl Acetate	2.946	43	10192	4.427	ug/L #	87
16) Methylene chloride	3.033	84	34136	4.615	ug/L	88
17) Methyl tert-butyl Ether	3.348	73	95630	5.448	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	33632	4.646	ug/L	90
19) 1,1-Dichloroethane	3.853	63	63056	4.752	ug/L	97
21) 2-Butanone	4.695	43	69052	51.766	ug/L	92
22) cis-1,2-Dichloroethene	4.654	96	38659	4.764	ug/L	95
23) Bromochloromethane	4.962	128	18773	5.278	ug/L #	78
25) Chloroform	5.075	83	76509	5.118	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062610.D
 Acq On : 27 Dec 2024 11:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 21:51:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

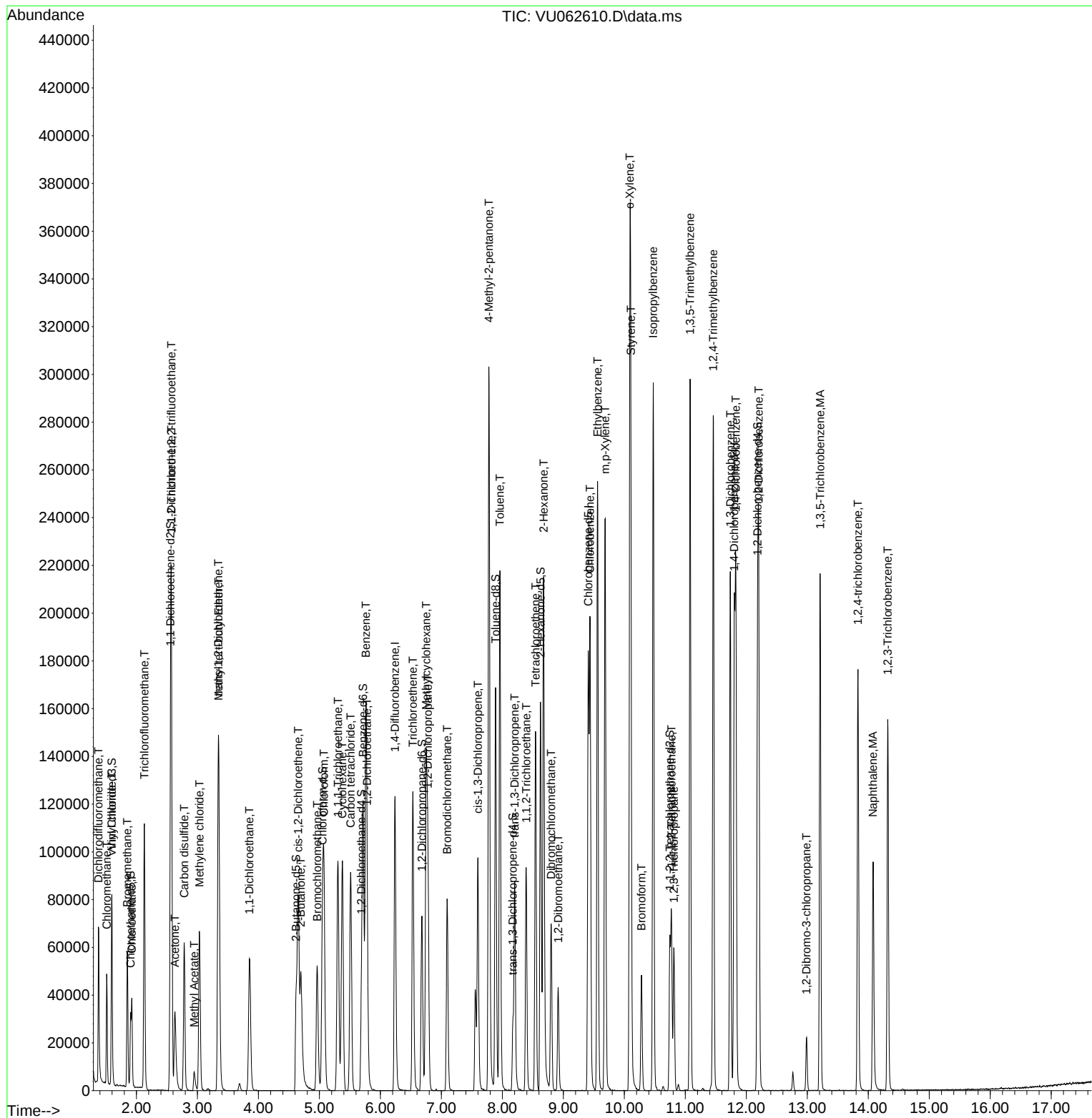
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	50324	5.298	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	73892	5.362	ug/L	95
30) Cyclohexane	5.374	56	47399	4.242	ug/L	89
31) Carbon tetrachloride	5.512	117	66556	5.268	ug/L	98
33) Benzene	5.763	78	142733	4.702	ug/L	100
34) Trichloroethene	6.531	95	43738	5.087	ug/L	95
35) Methylcyclohexane	6.750	83	57065	4.476	ug/L	93
37) 1,2-Dichloropropane	6.779	63	34865	4.717	ug/L	100
38) Bromodichloromethane	7.094	83	54486	5.224	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	59414	5.014	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	173339	50.033	ug/L #	92
42) Toluene	7.959	91	158433	4.840	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	51324	5.305	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	28860	5.172	ug/L	96
47) Tetrachloroethene	8.544	164	33021	4.974	ug/L	96
48) 2-Hexanone	8.676	43	125300	48.939	ug/L #	93
49) Dibromochloromethane	8.798	129	36666	5.438	ug/L	93
50) 1,2-Dibromoethane	8.914	107	27824	5.189	ug/L #	99
51) Chlorobenzene	9.438	112	104292	4.973	ug/L	94
52) Ethylbenzene	9.560	91	182695	4.978	ug/L	99
53) m,p-Xylene	9.685	106	68747	5.074	ug/L	95
54) o-Xylene	10.091	106	67157	5.096	ug/L	99
55) Styrene	10.107	104	114617	5.277	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	33935	5.225	ug/L #	96
59) Bromoform	10.280	173	23177	5.940	ug/L	98
60) Isopropylbenzene	10.473	105	191375	5.335	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24546	5.346	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	163639	5.391	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	161661	5.436	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	88258	5.356	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	87264	5.259	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	82261	5.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	6374	6.364	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	67672	5.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	54489	5.635	ug/L	96
71) Naphthalene	14.078	128	84924	5.848	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	48682	5.708	ug/L	99

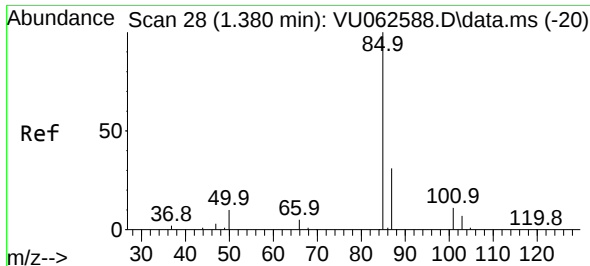
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062610.D
 Acq On : 27 Dec 2024 11:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 21:51:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

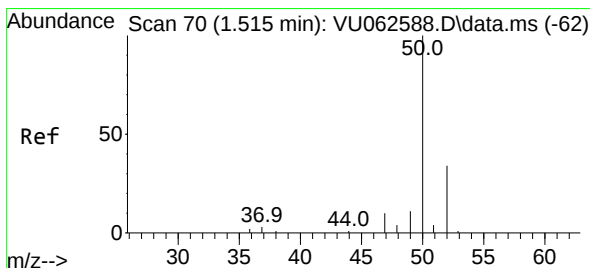
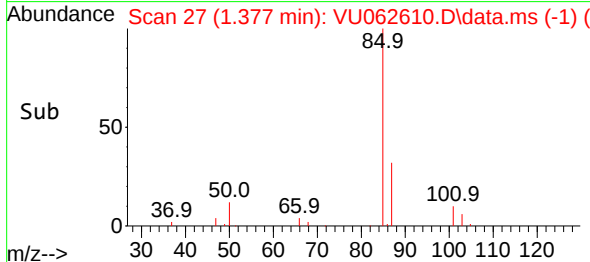
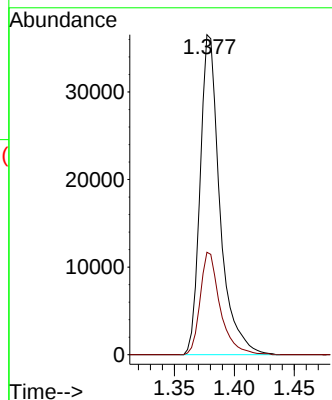
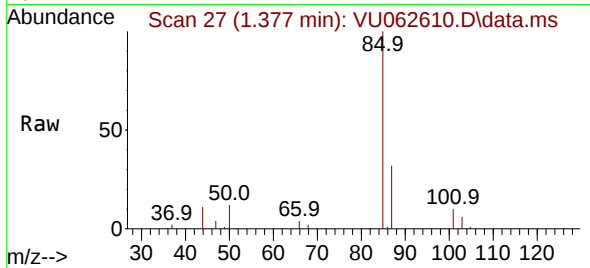




#2
 Dichlorodifluoromethane
 Concen: 4.285 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

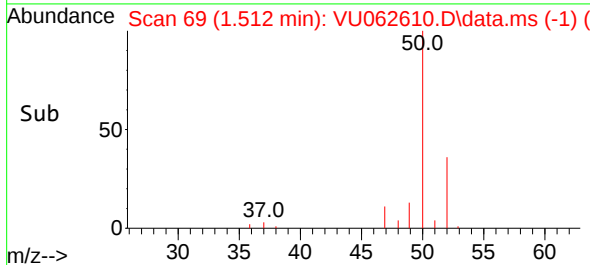
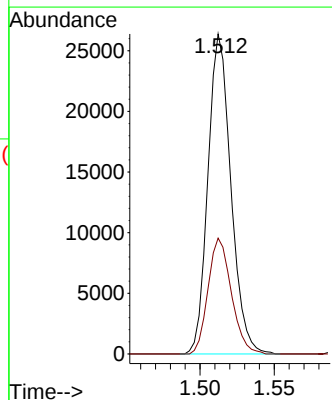
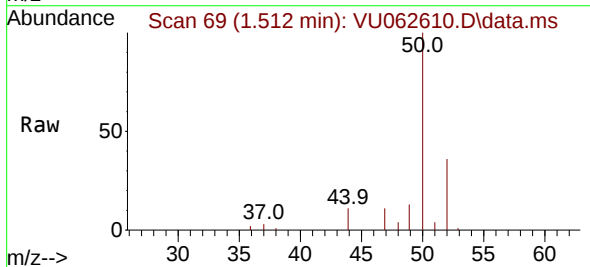
Instrument :
 MSVOA_U
 ClientSampleId :

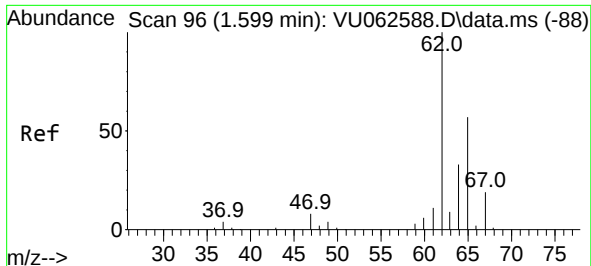
Tgt Ion: 85 Resp: 41891
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 3.698 ug/L
 RT: 1.512 min Scan# 69
 Delta R.T. -0.003 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

Tgt Ion: 50 Resp: 28334
 Ion Ratio Lower Upper
 50 100
 52 36.2 23.1 42.9

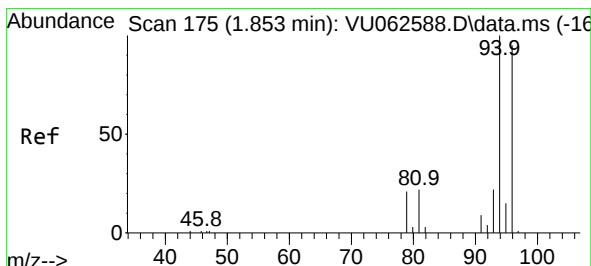
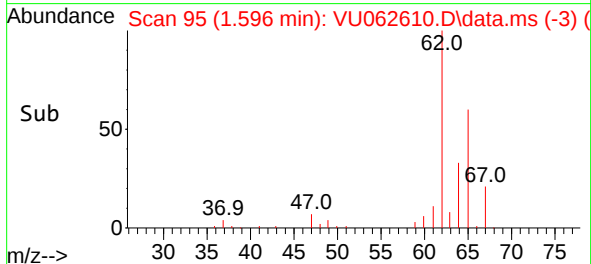
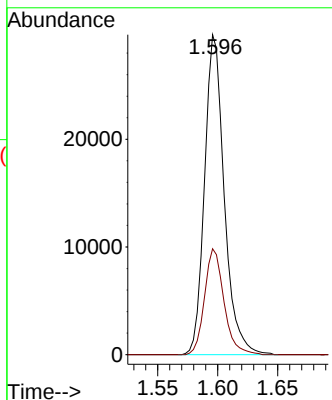
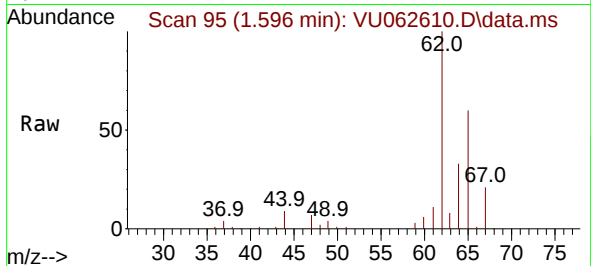




#5
 Vinyl chloride
 Concen: 4.259 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

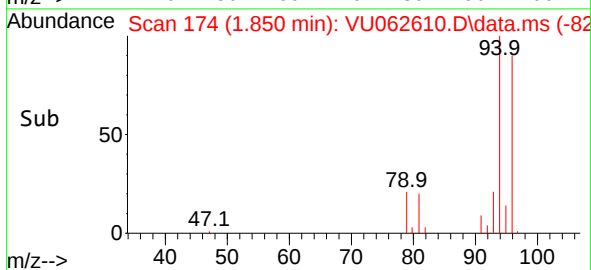
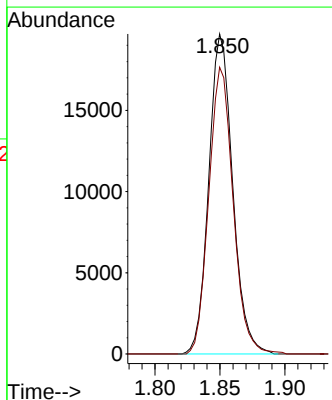
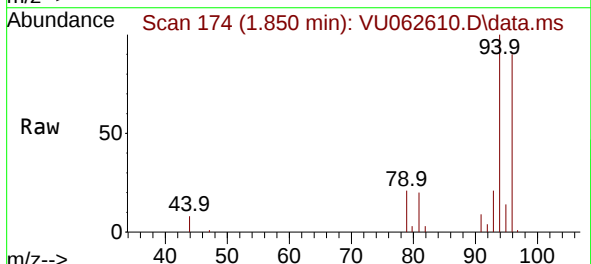
Instrument :
 MSVOA_U
 ClientSampleId :

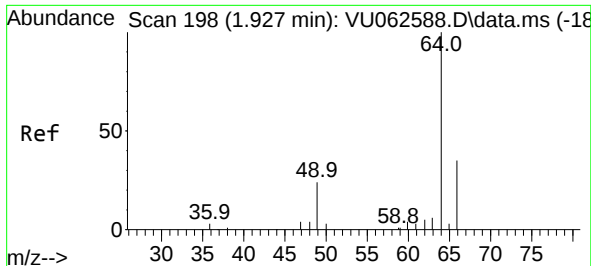
Tgt Ion: 62 Resp: 33975
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.738 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

Tgt Ion: 94 Resp: 25197
 Ion Ratio Lower Upper
 94 100
 96 89.6 64.5 119.9

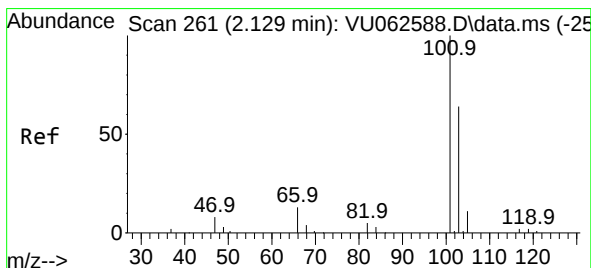
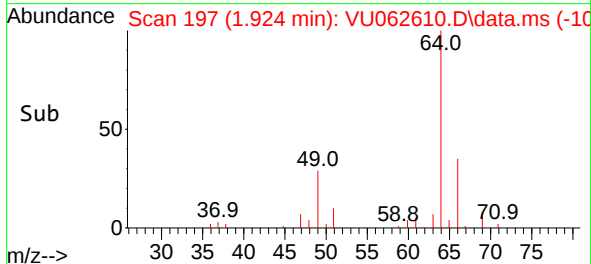
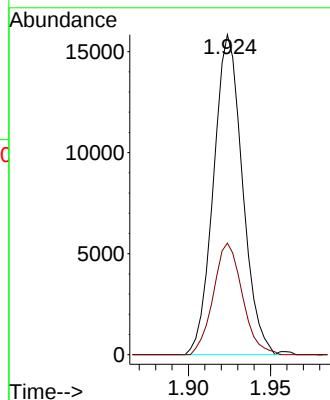
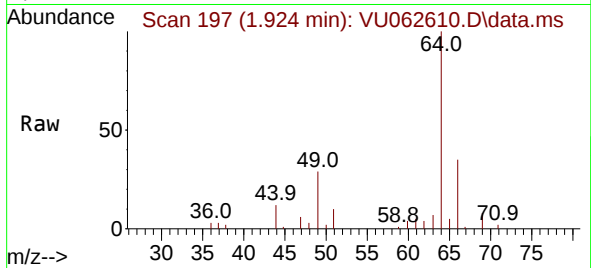




#8
Chloroethane
Concen: 4.346 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

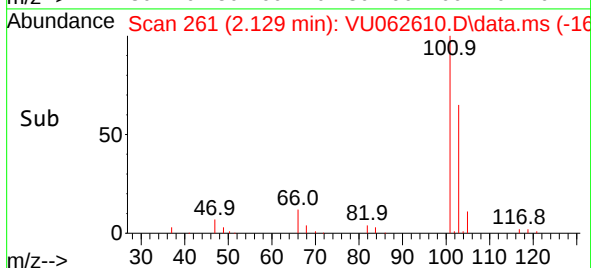
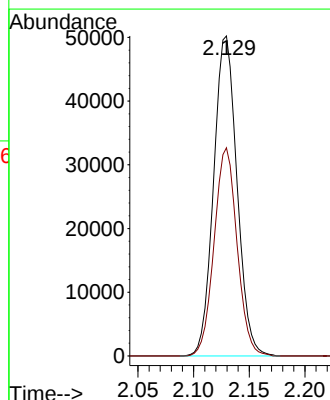
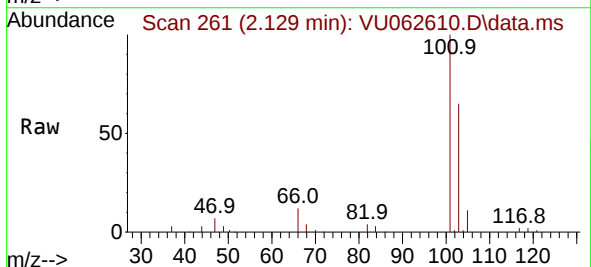
Instrument :
MSVOA_U
ClientSampleId :

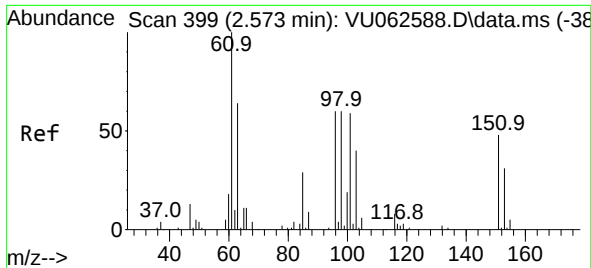
Tgt Ion: 64 Resp: 19422
Ion Ratio Lower Upper
64 100
66 34.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.296 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:101 Resp: 73332
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

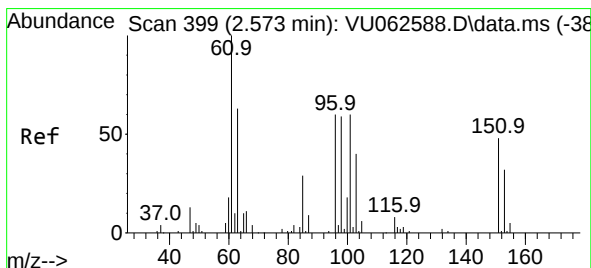
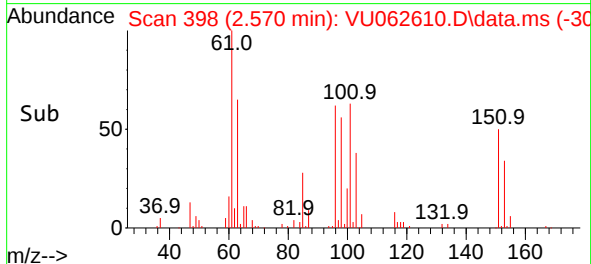
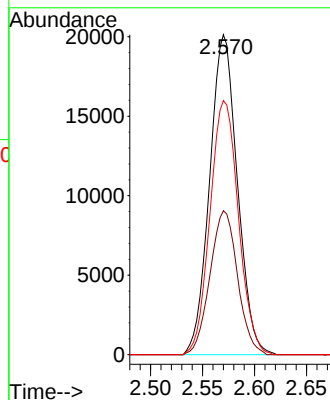
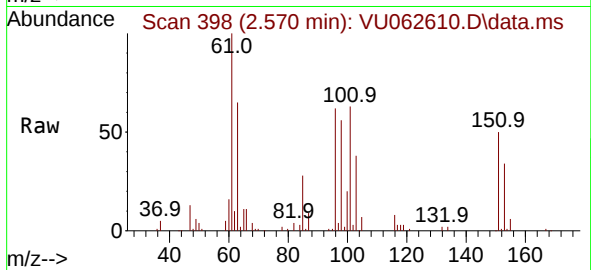




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.959 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

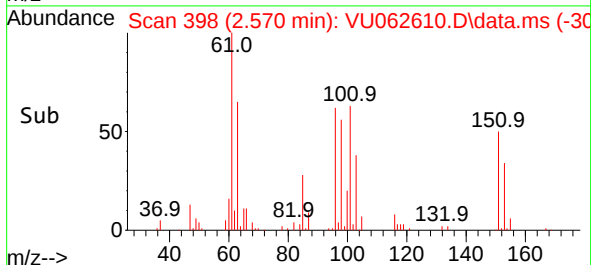
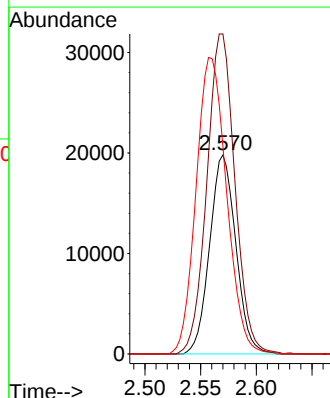
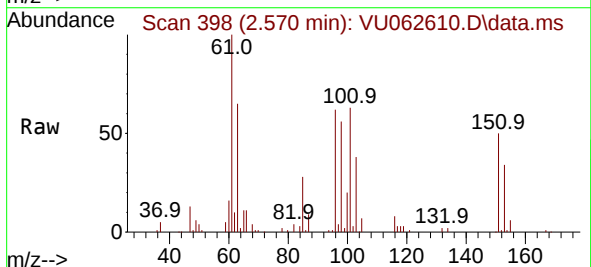
Instrument :
MSVOA_U
ClientSampleId :

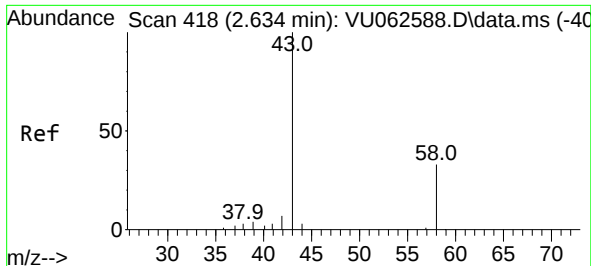
Tgt Ion:101 Resp: 37375
Ion Ratio Lower Upper
101 100
85 44.7 38.0 57.0
151 81.3 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.602 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 96 Resp: 32425
Ion Ratio Lower Upper
96 100
61 160.8 119.6 222.2
63 104.4 65.0 120.6





#13

Acetone

Concen: 51.350 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

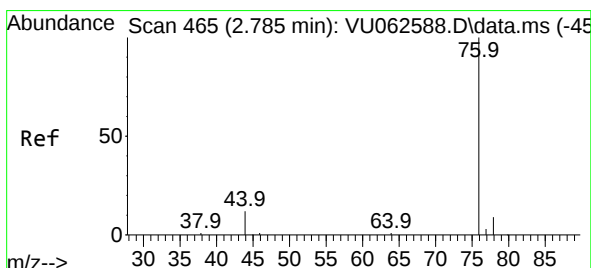
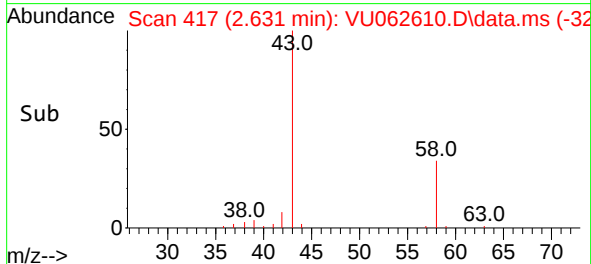
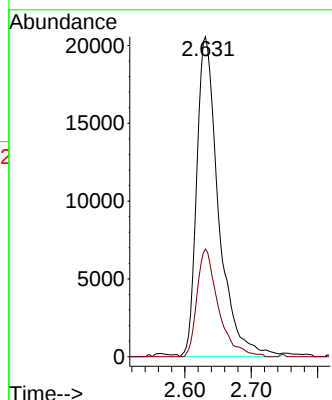
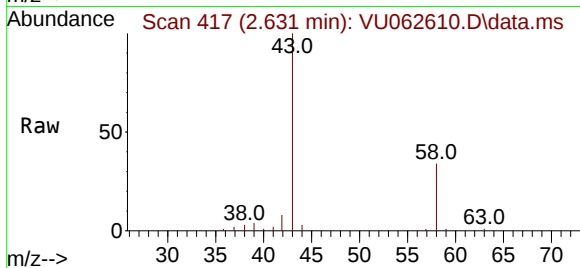
ClientSampleId :

Tgt Ion: 43 Resp: 47166

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.0



#14

Carbon disulfide

Concen: 3.686 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.003 min

Lab File: VU062610.D

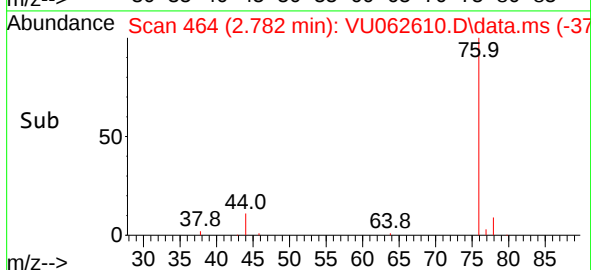
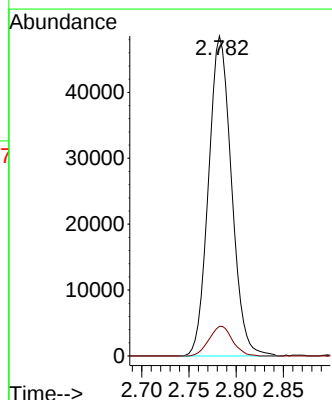
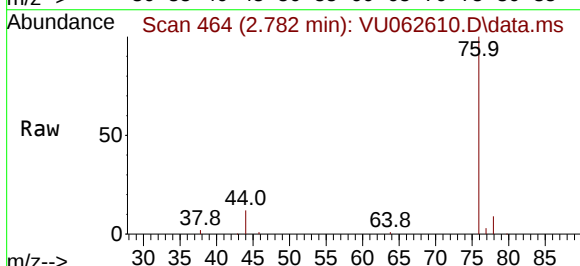
Acq: 27 Dec 2024 11:50

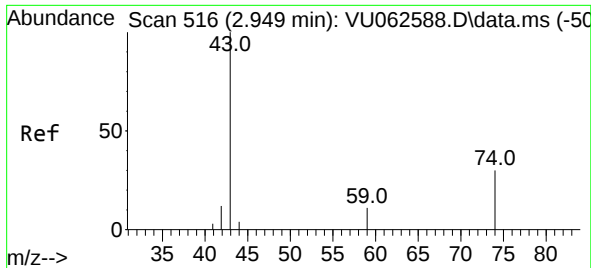
Tgt Ion: 76 Resp: 82133

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

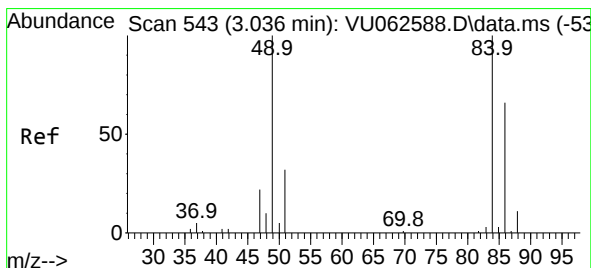
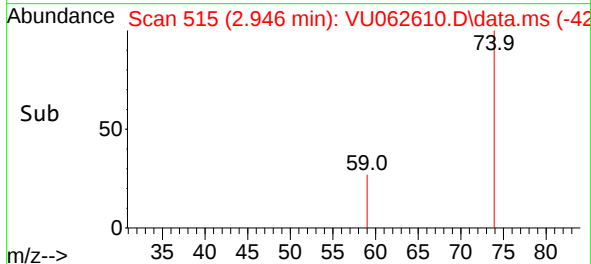
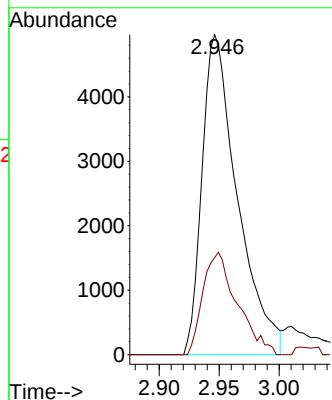
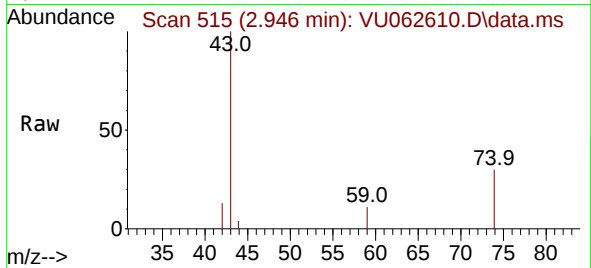




#15
Methyl Acetate
Concen: 4.427 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

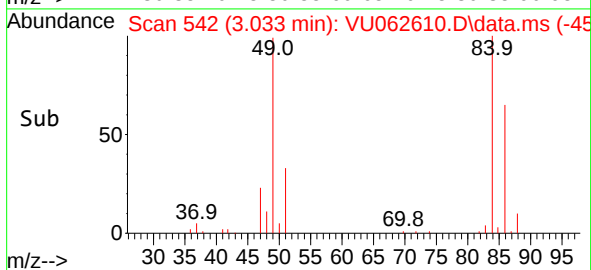
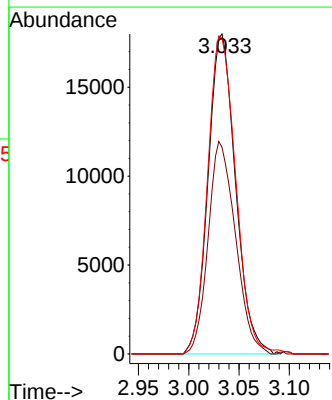
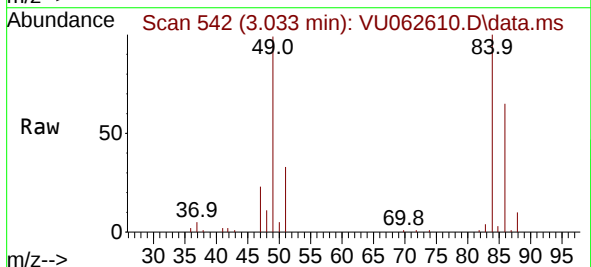
Instrument :
MSVOA_U
ClientSampleId :

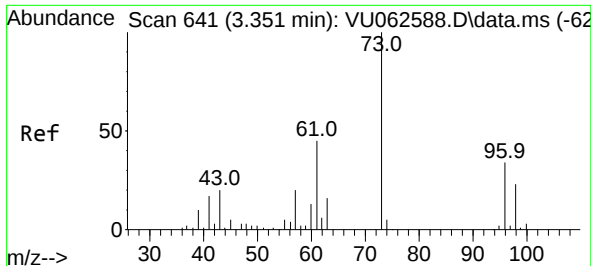
Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
74 31.0 19.4 29.2#



#16
Methylene chloride
Concen: 4.615 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

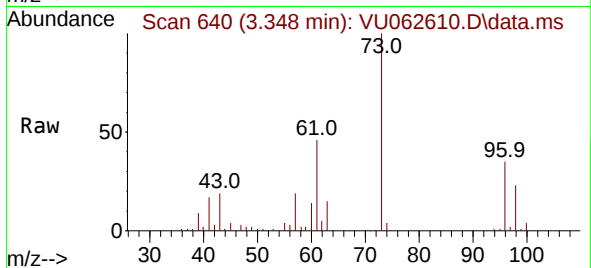
Tgt Ion: 84 Resp: 34136
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.7
49 98.7 81.9 152.1



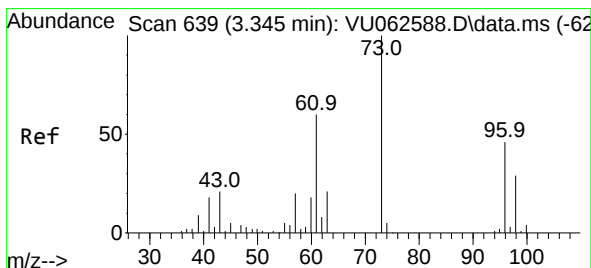
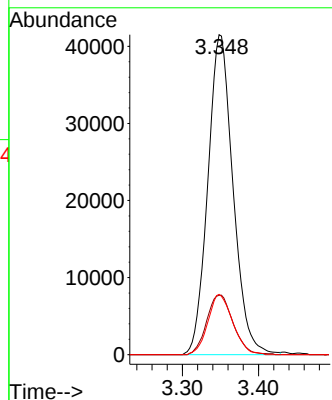
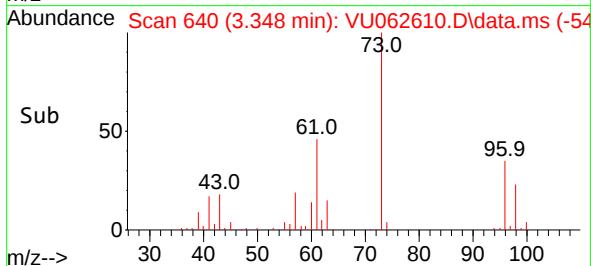


#17
Methyl tert-butyl Ether
Concen: 5.448 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Instrument :
MSVOA_U
ClientSampleId :

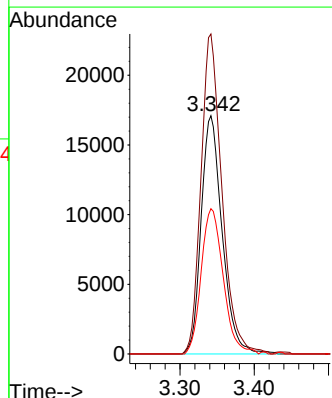
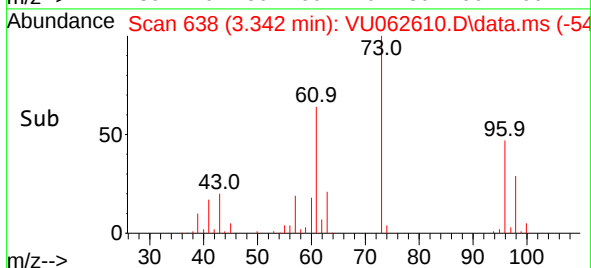
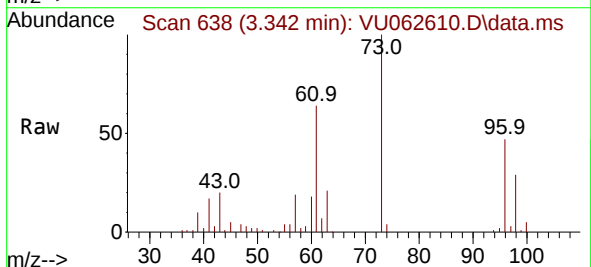


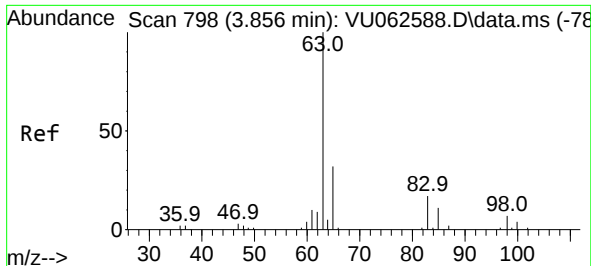
Tgt Ion: 73 Resp: 95630
Ion Ratio Lower Upper
73 100
43 19.6 16.3 24.5
57 18.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.646 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 96 Resp: 33632
Ion Ratio Lower Upper
96 100
61 134.3 104.2 193.4
98 61.0 45.7 84.9

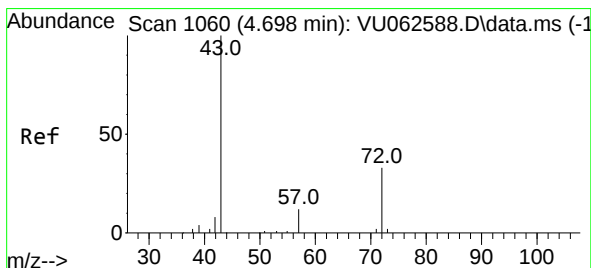
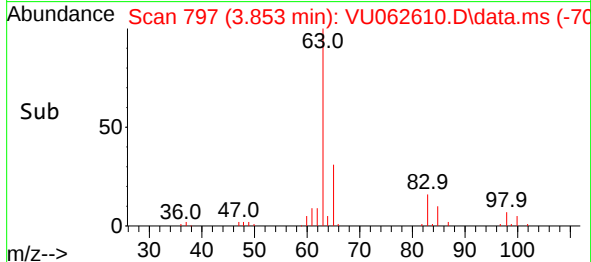
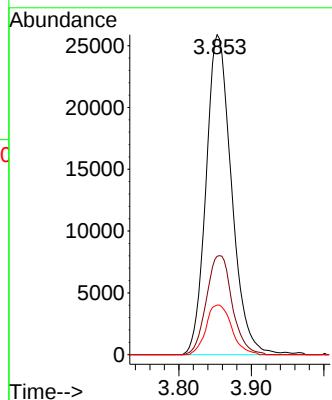
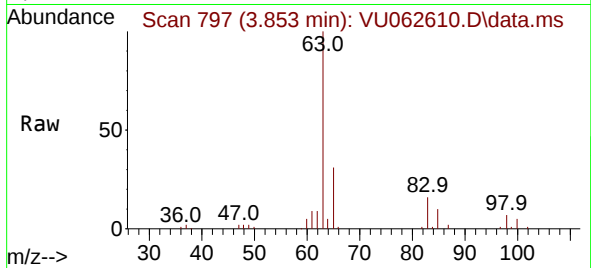




#19
1,1-Dichloroethane
Concen: 4.752 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

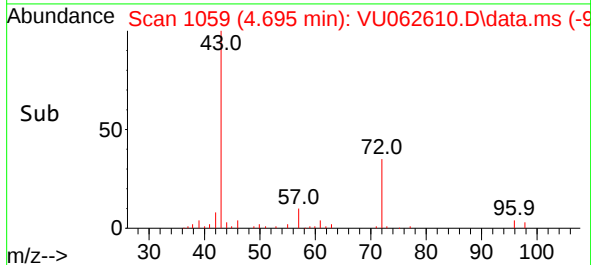
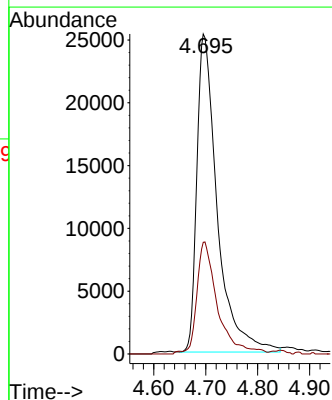
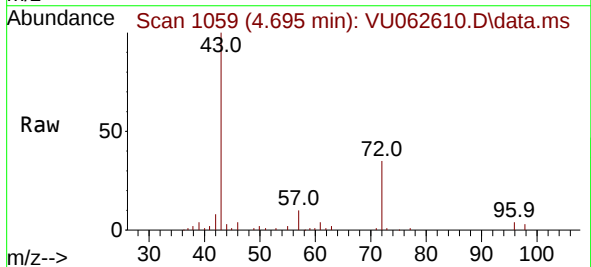
Instrument :
MSVOA_U
ClientSampleId :

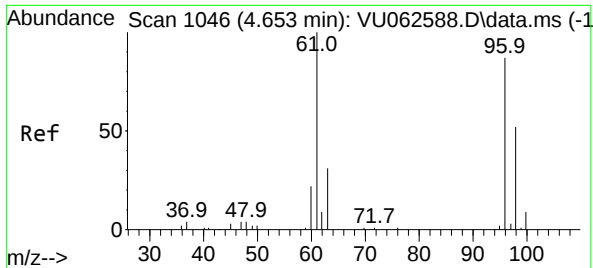
Tgt Ion: 63 Resp: 63056
Ion Ratio Lower Upper
63 100
65 30.8 22.7 42.3
83 15.5 9.9 18.3



#21
2-Butanone
Concen: 51.766 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 43 Resp: 69052
Ion Ratio Lower Upper
43 100
72 33.9 14.8 44.4

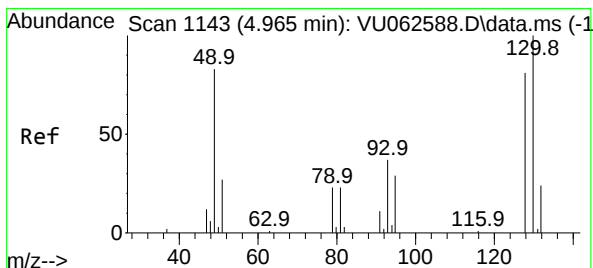
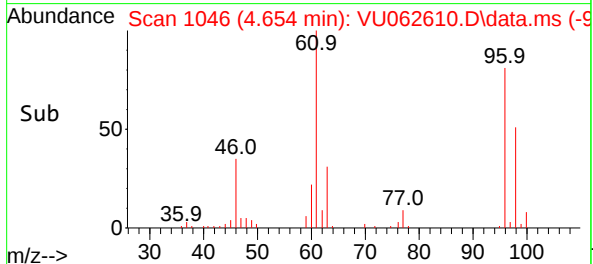
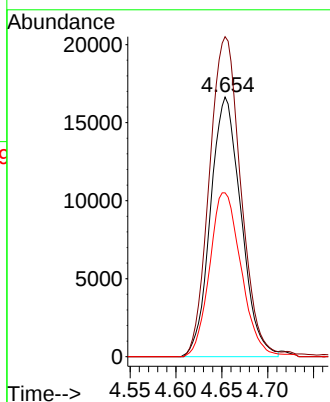
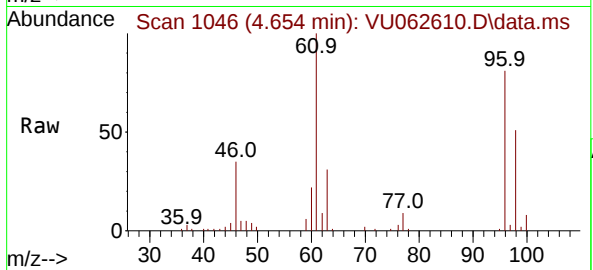




#22
 cis-1,2-Dichloroethene
 Concen: 4.764 ug/L
 RT: 4.654 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

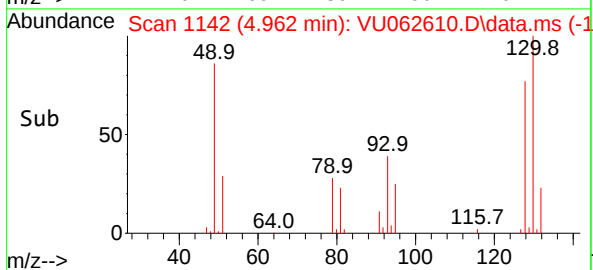
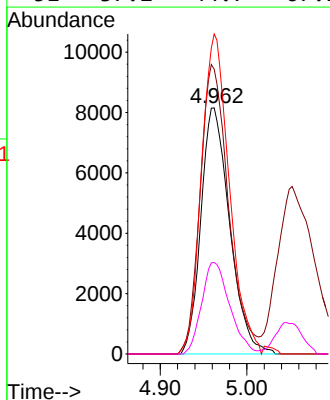
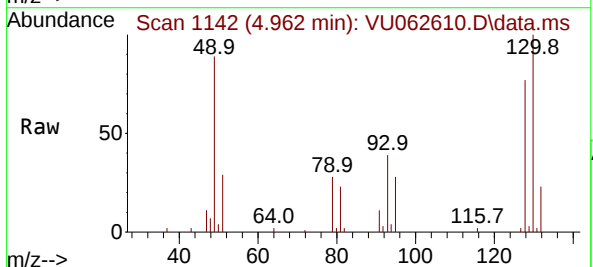
Instrument :
 MSVOA_U
 ClientSampleId :

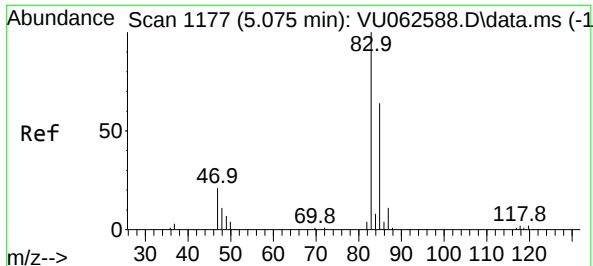
Tgt Ion:	96	Resp:	38659
Ion	Ratio	Lower	Upper
96	100		
61	123.2	92.0	170.8
98	63.1	44.5	82.7



#23
 Bromochloromethane
 Concen: 5.278 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

Tgt Ion:	128	Resp:	18773
Ion	Ratio	Lower	Upper
128	100		
49	115.8	115.3	214.1
130	130.1	92.0	170.8
51	37.2	44.7	67.1





#25

Chloroform

Concen: 5.118 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

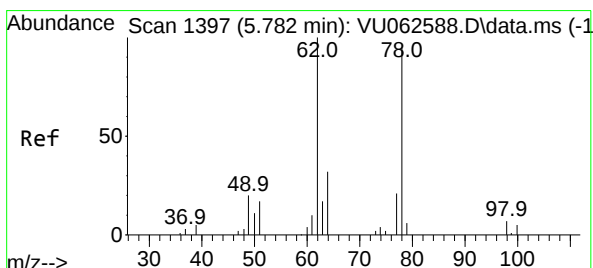
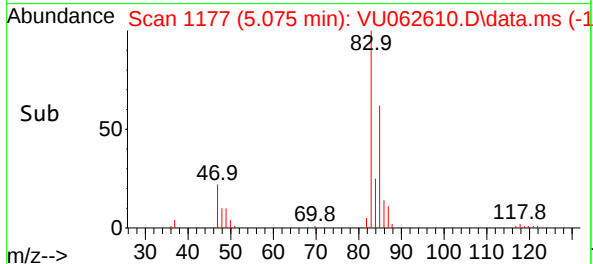
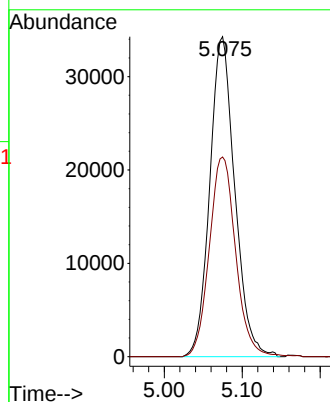
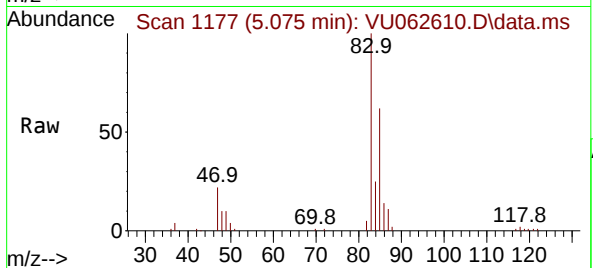
ClientSampleId :

Tgt Ion: 83 Resp: 76509

Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.298 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062610.D

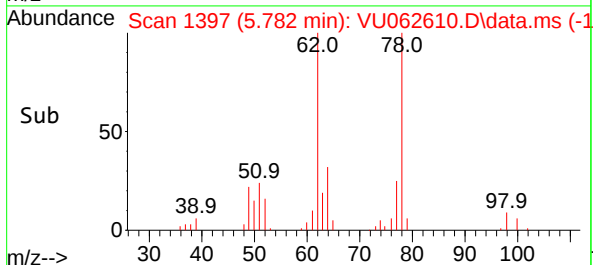
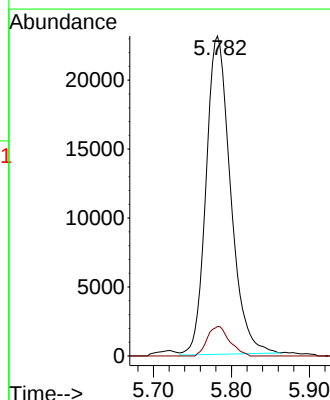
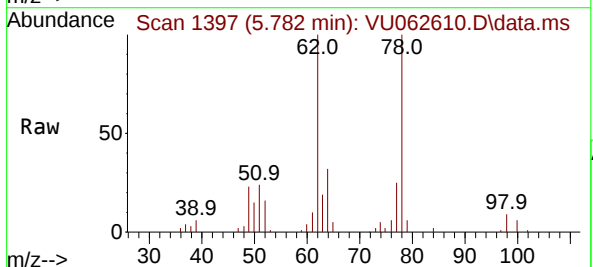
Acq: 27 Dec 2024 11:50

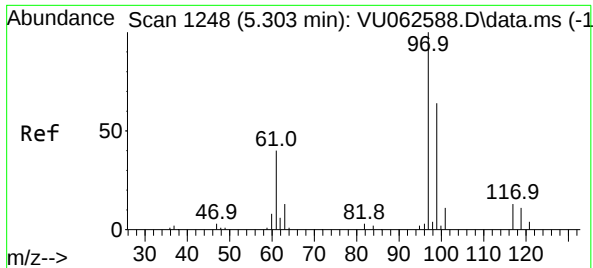
Tgt Ion: 62 Resp: 50324

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

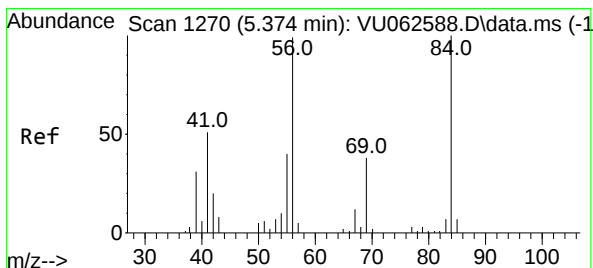
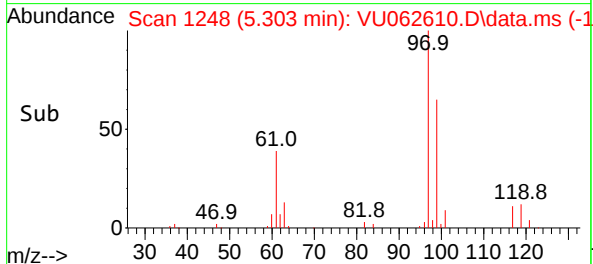
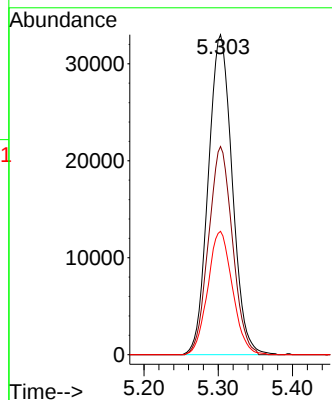
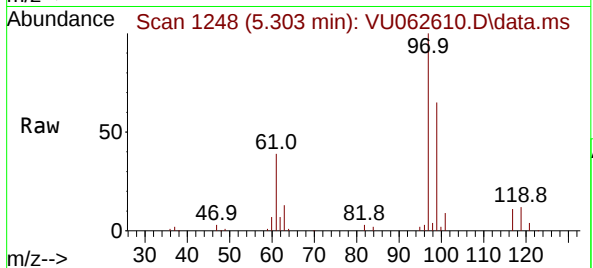




#29
1,1,1-Trichloroethane
Concen: 5.362 ug/L
RT: 5.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

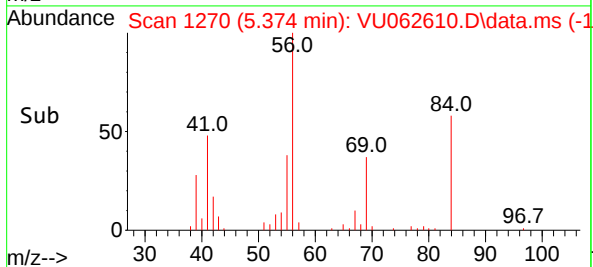
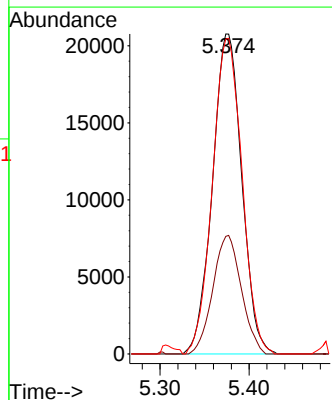
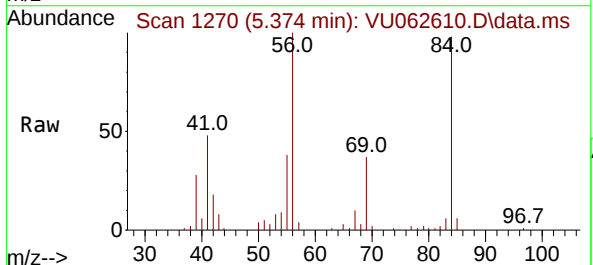
Instrument :
MSVOA_U
ClientSampleId :

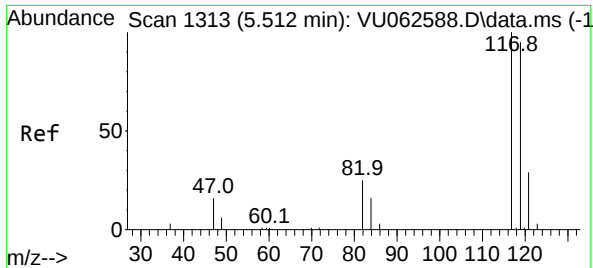
Tgt Ion: 97	Resp: 73892
Ion Ratio	Lower Upper
97 100	
99 65.1	51.4 77.2
61 39.8	37.8 56.6



#30
Cyclohexane
Concen: 4.242 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 56	Resp: 47399
Ion Ratio	Lower Upper
56 100	
69 36.0	25.1 37.7
84 99.7	70.6 105.8

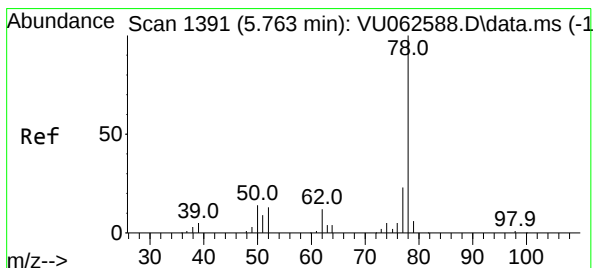
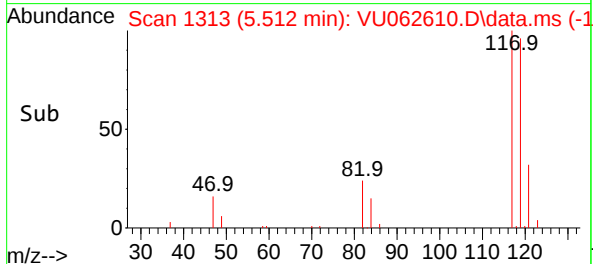
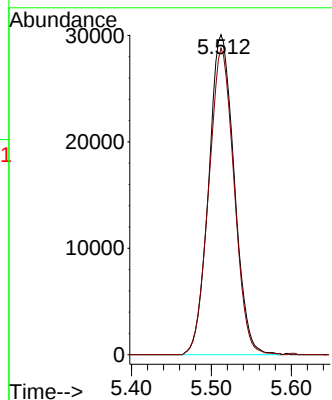
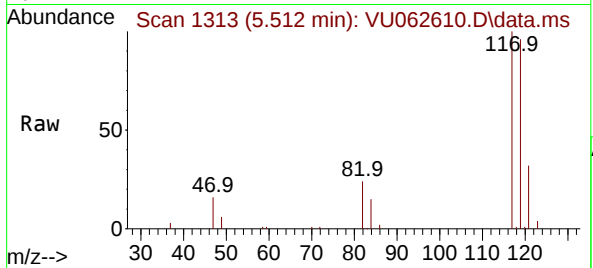




#31
Carbon tetrachloride
Concen: 5.268 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

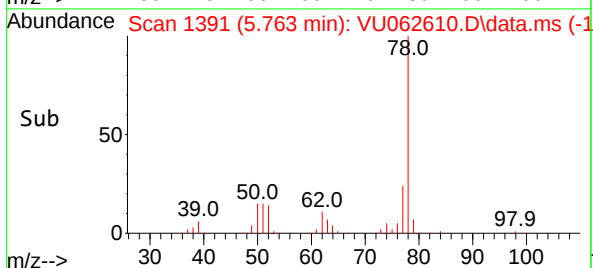
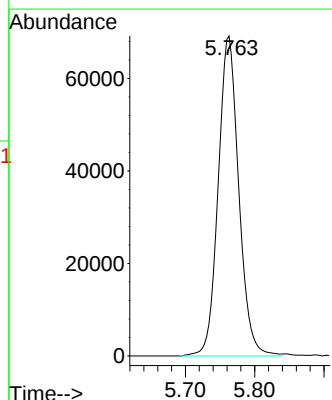
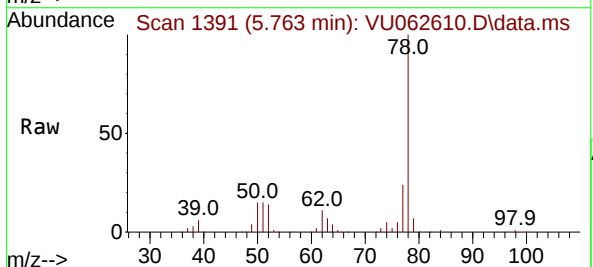
Instrument :
MSVOA_U
ClientSampleId :

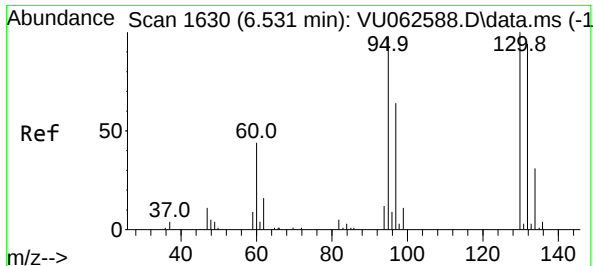
Tgt Ion:117 Resp: 66556
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3



#33
Benzene
Concen: 4.702 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 78 Resp: 142733

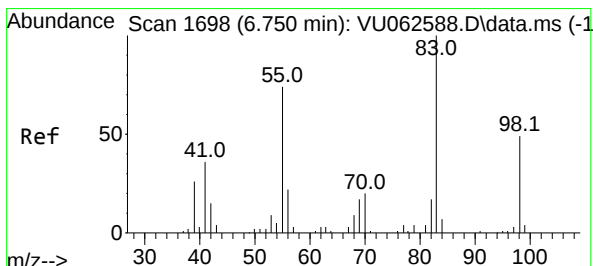
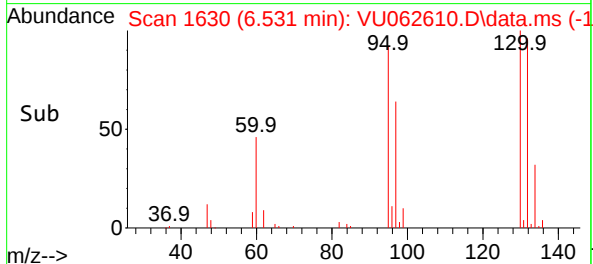
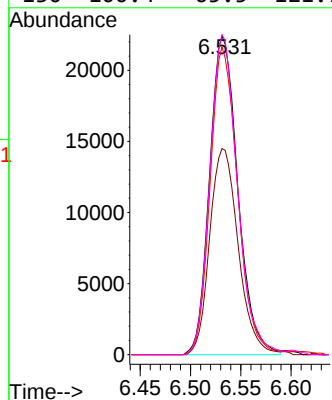
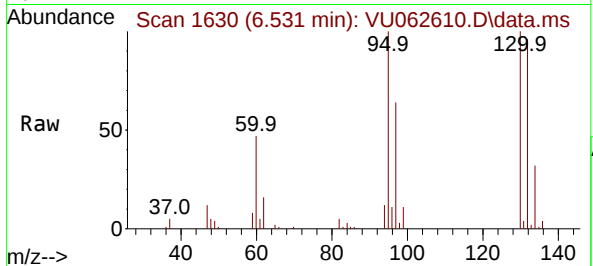




#34
Trichloroethene
Concen: 5.087 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

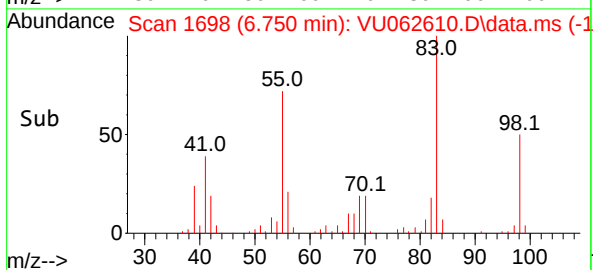
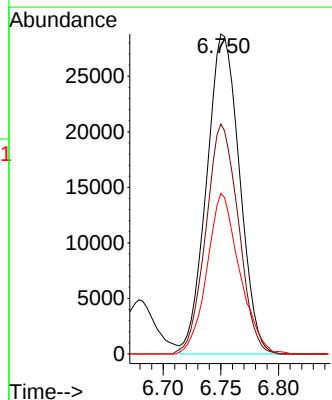
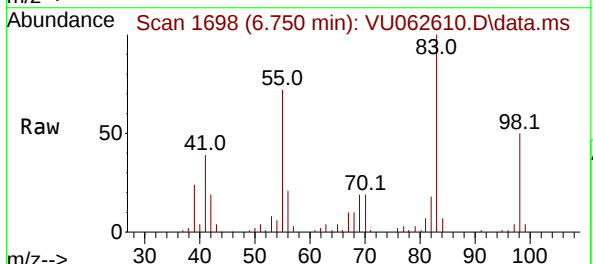
Instrument :
MSVOA_U
ClientSampleId :

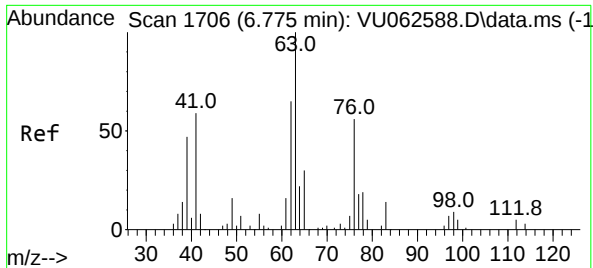
Tgt Ion: 95 Resp: 43738
Ion Ratio Lower Upper
95 100
97 64.7 45.9 85.3
132 96.6 63.8 118.4
130 100.4 65.5 121.7



#35
Methylcyclohexane
Concen: 4.476 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 83 Resp: 57065
Ion Ratio Lower Upper
83 100
55 71.0 60.7 91.1
98 49.7 34.8 52.2





#37

1,2-Dichloropropane

Concen: 4.717 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

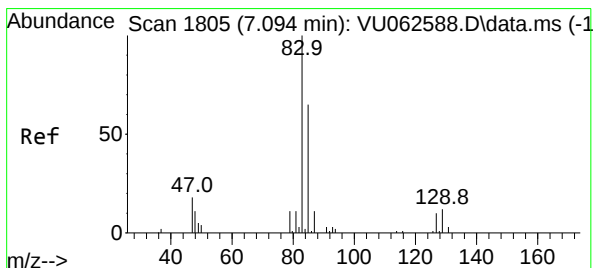
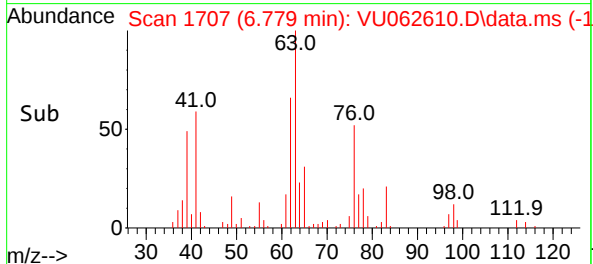
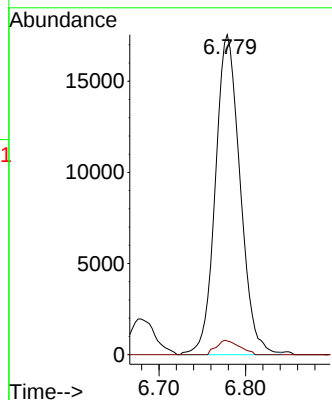
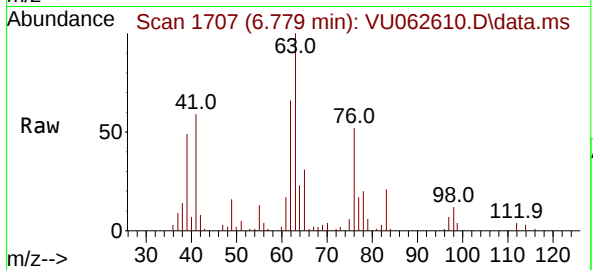
ClientSampleId :

Tgt Ion: 63 Resp: 34865

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 5.224 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

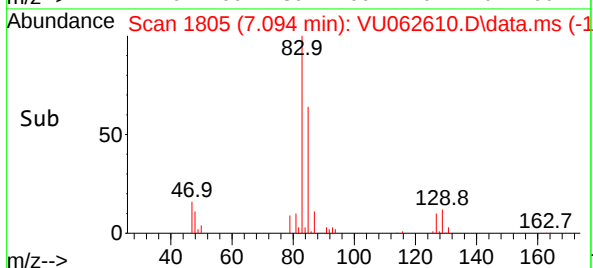
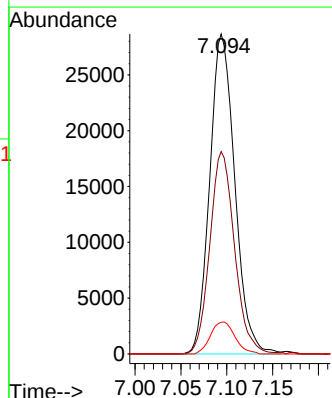
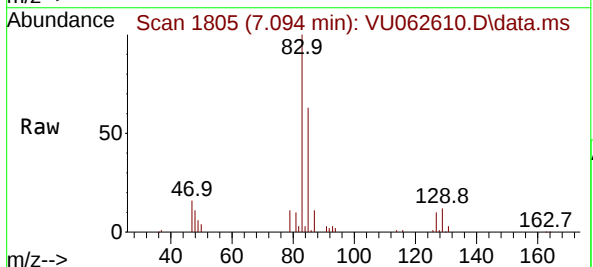
Tgt Ion: 83 Resp: 54486

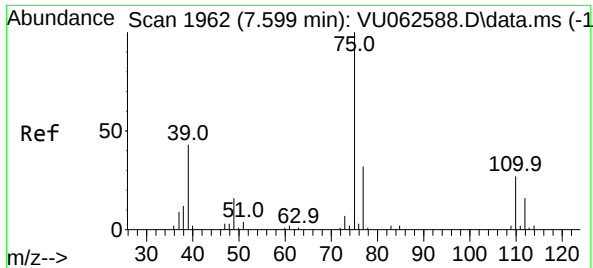
Ion Ratio Lower Upper

83 100

85 63.3 44.1 81.9

127 9.9 6.9 10.3

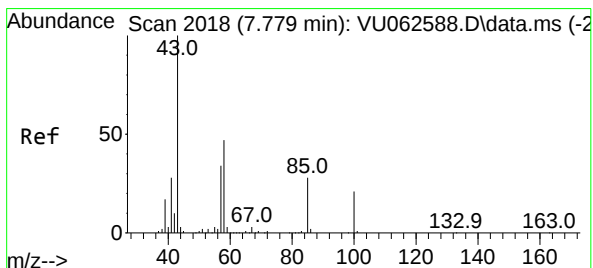
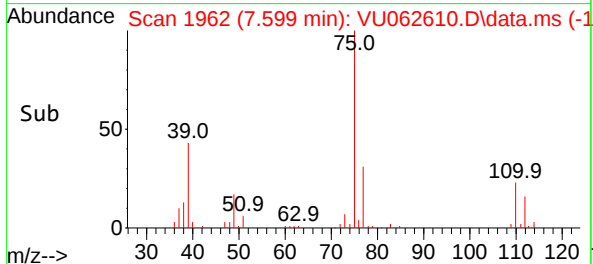
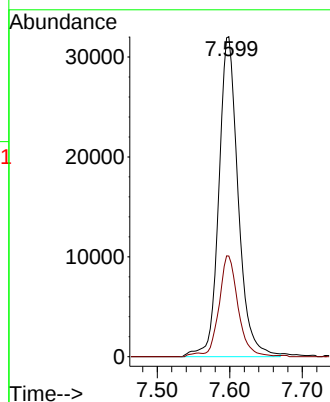
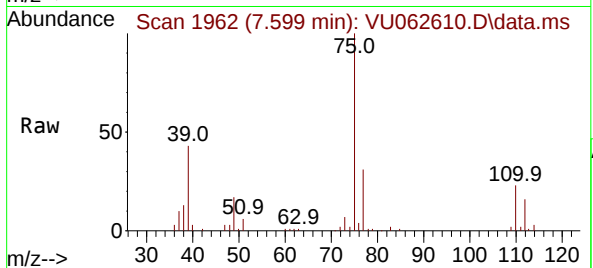




#39
 cis-1,3-Dichloropropene
 Concen: 5.014 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

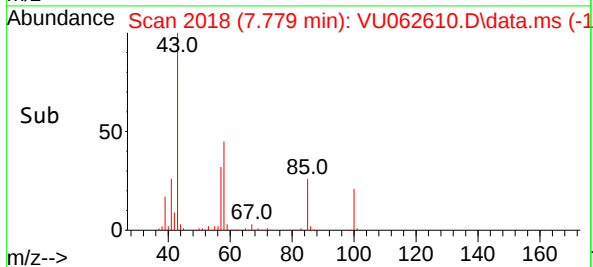
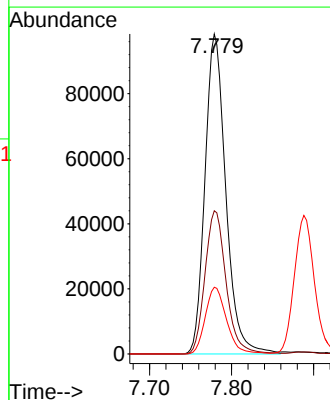
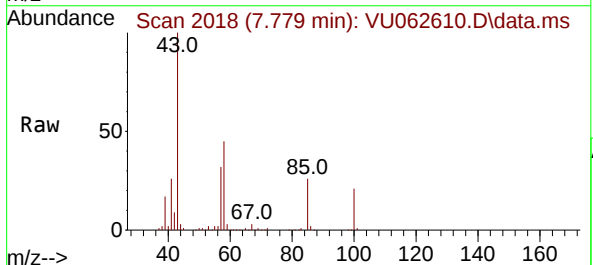
Instrument :
 MSVOA_U
 ClientSampleId :

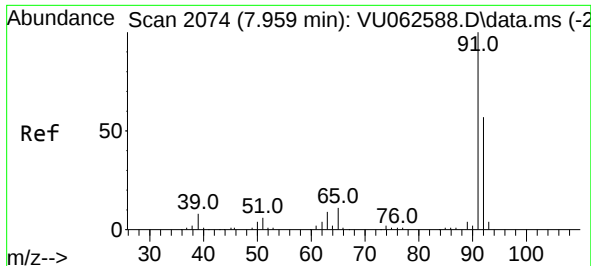
Tgt Ion: 75 Resp: 59414
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 50.033 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

Tgt Ion: 43 Resp: 173339
 Ion Ratio Lower Upper
 43 100
 58 45.4 33.3 49.9
 100 21.3 12.4 18.6#





#42

Toluene

Concen: 4.840 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

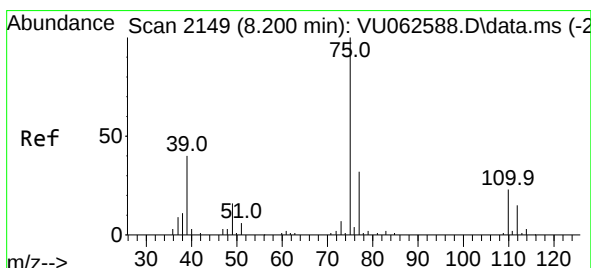
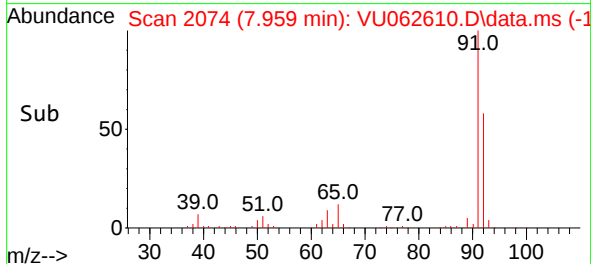
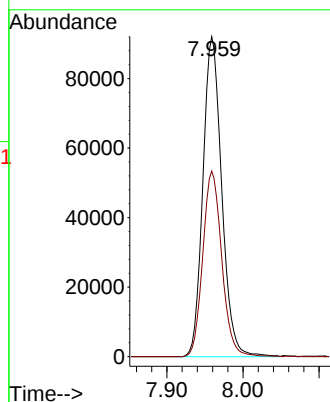
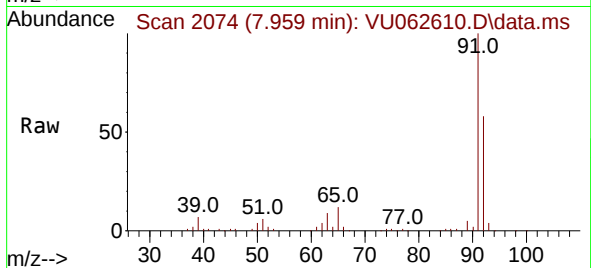
ClientSampleId :

Tgt Ion: 91 Resp: 158433

Ion Ratio Lower Upper

91 100

92 58.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.305 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU062610.D

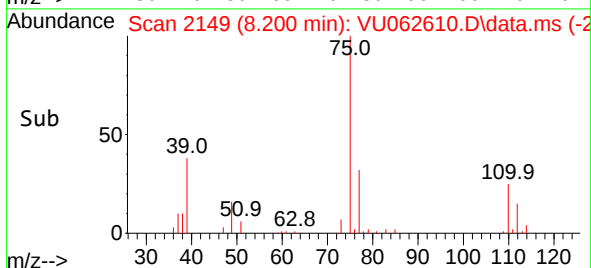
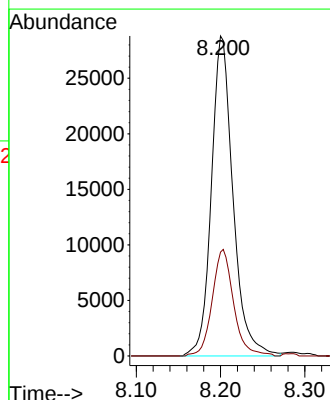
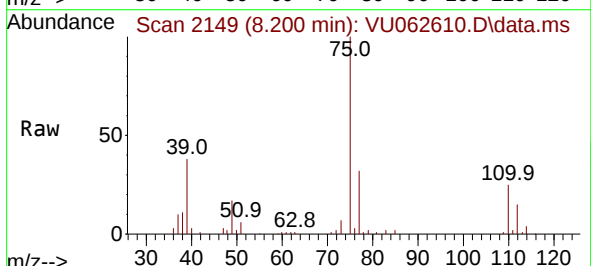
Acq: 27 Dec 2024 11:50

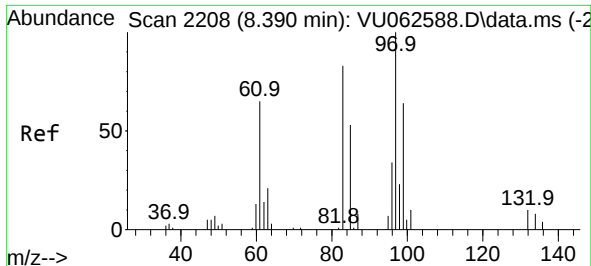
Tgt Ion: 75 Resp: 51324

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4



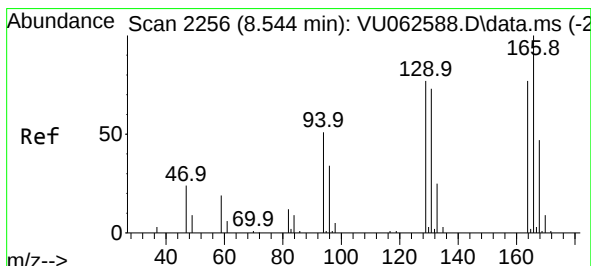
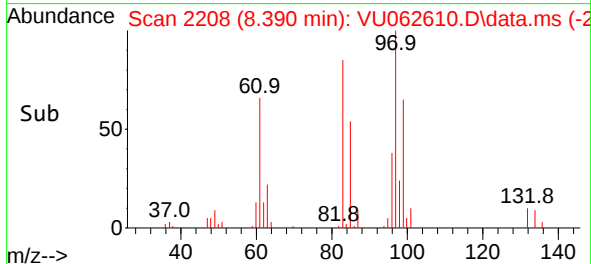
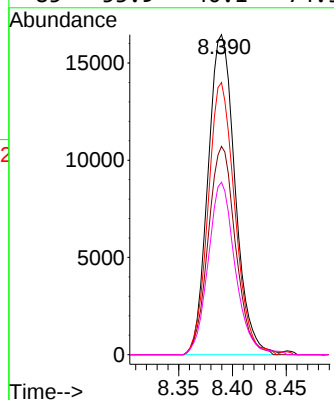
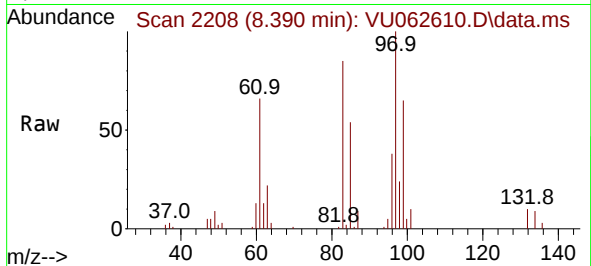


#45
1,1,2-Trichloroethane
Concen: 5.172 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28860

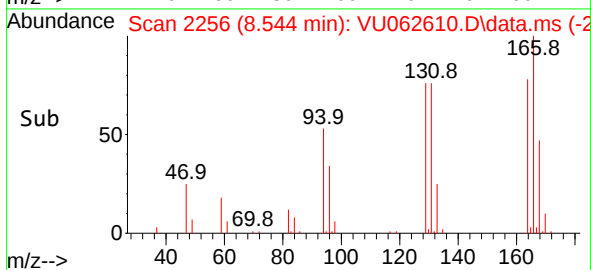
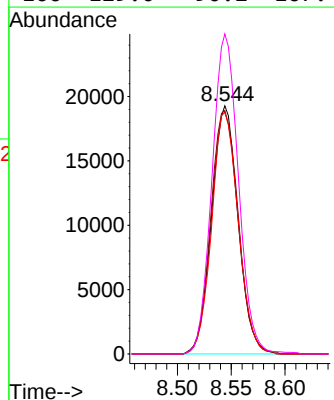
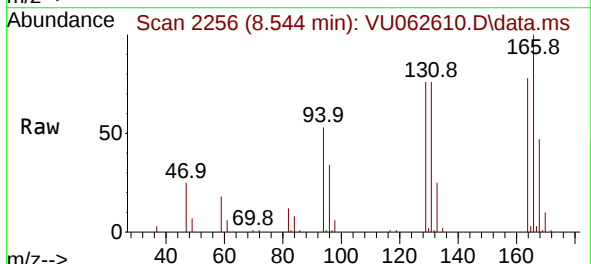
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.0	79.8
83	85.0	61.7	114.5
85	53.9	40.1	74.5

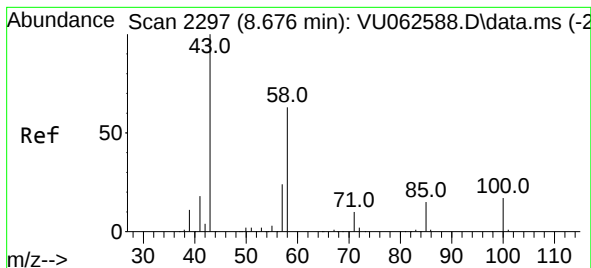


#47
Tetrachloroethene
Concen: 4.974 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 164 Resp: 33021

Ion	Ratio	Lower	Upper
164	100		
129	98.1	73.2	136.0
131	97.4	72.3	134.3
166	129.0	90.2	167.4





#48

2-Hexanone

Concen: 48.939 ug/L

RT: 8.676 min Scan# 21

Delta R.T. 0.000 min

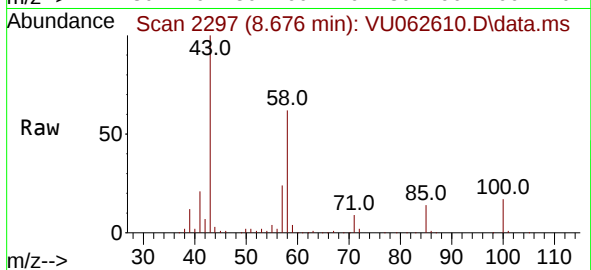
Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 125300

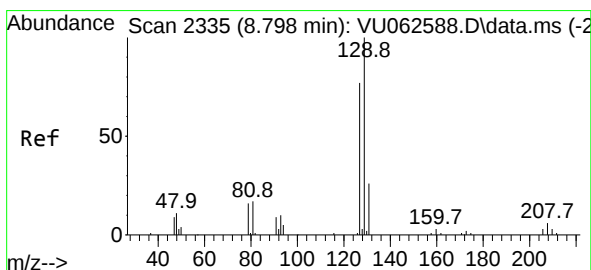
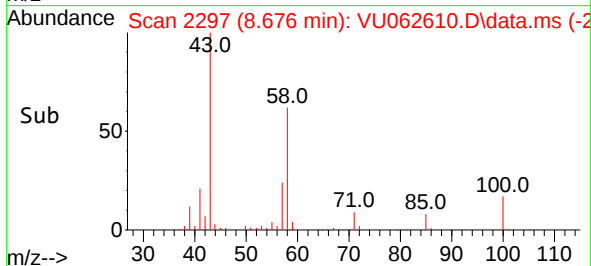
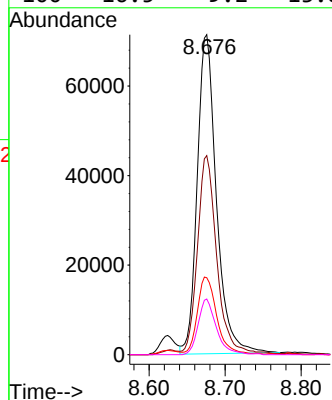
Ion Ratio Lower Upper

43 100

58 62.7 47.5 71.3

57 23.8 15.6 23.4#

100 16.5 9.2 13.8#



#49

Dibromochloromethane

Concen: 5.438 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU062610.D

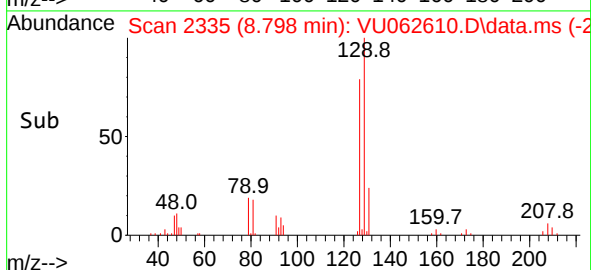
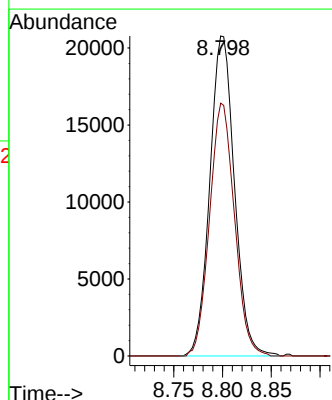
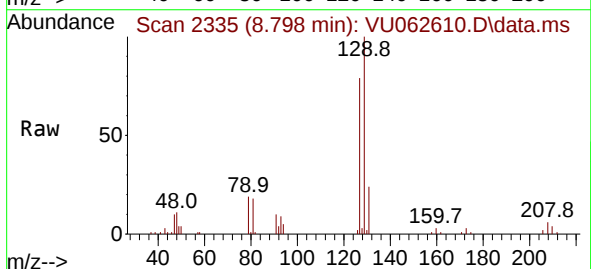
Acq: 27 Dec 2024 11:50

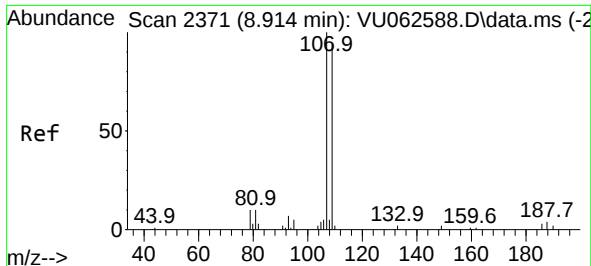
Tgt Ion:129 Resp: 36666

Ion Ratio Lower Upper

129 100

127 79.0 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.189 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062610.D

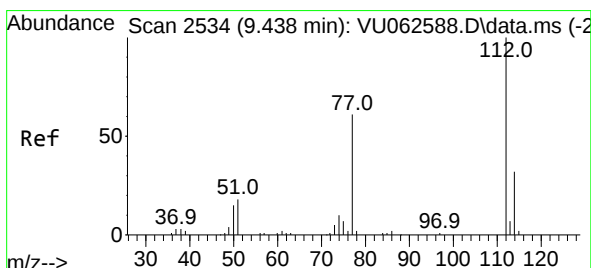
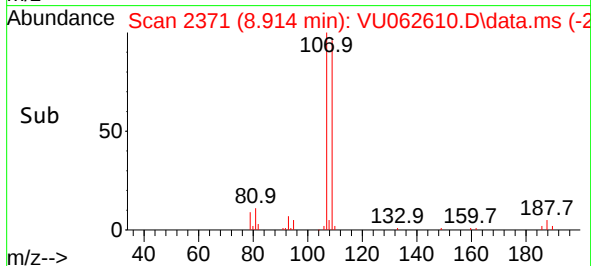
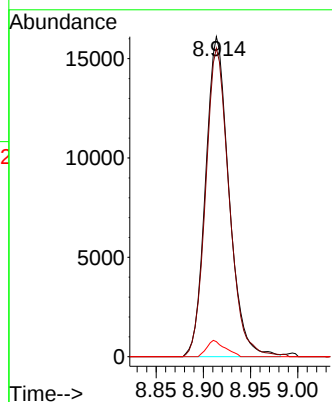
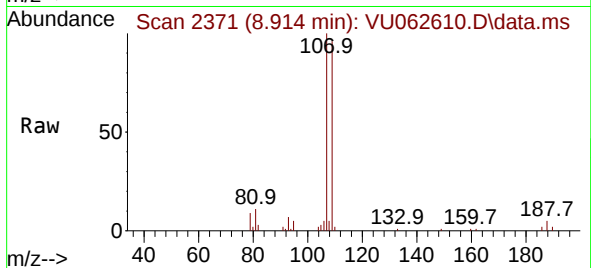
Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	27824
Ion	Ratio	Lower	Upper
107	100		
109	96.4	66.8	124.2
188	4.7	2.3	3.5#



#51

Chlorobenzene

Concen: 4.973 ug/L

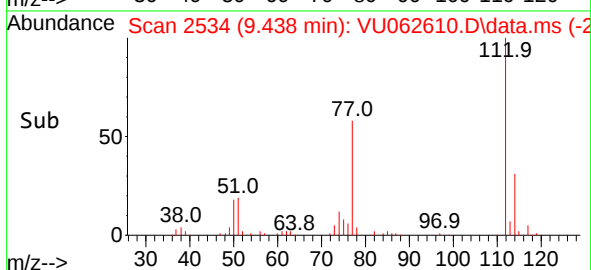
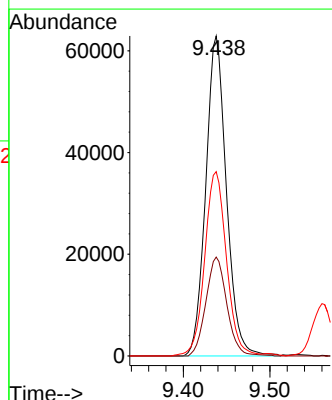
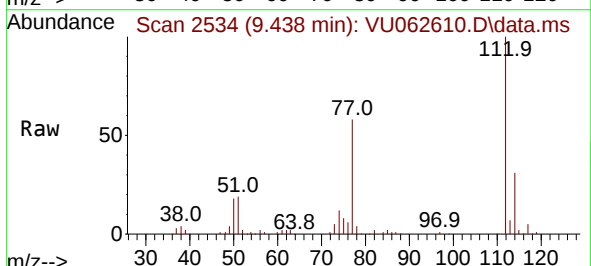
RT: 9.438 min Scan# 2534

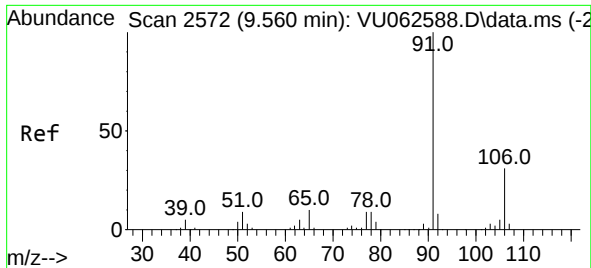
Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Tgt Ion:	112	Resp:	104292
Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.0	42.6
77	57.6	50.5	75.7

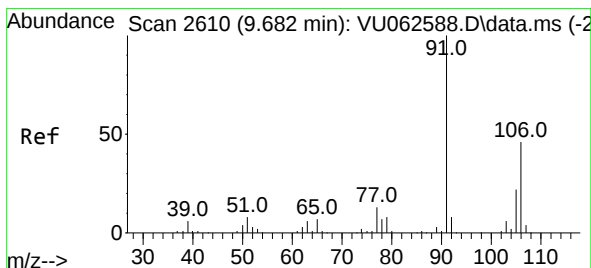
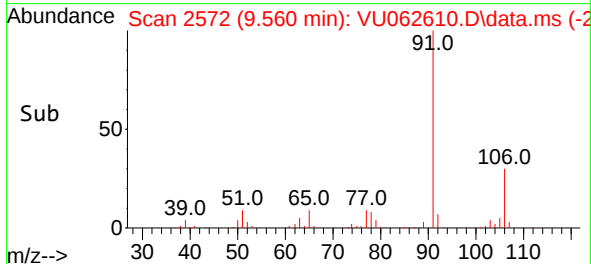
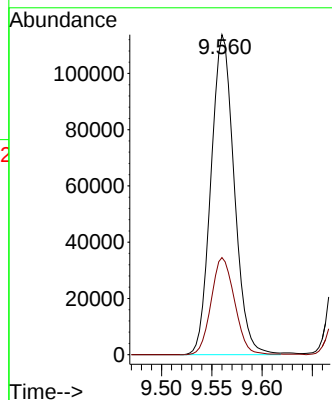
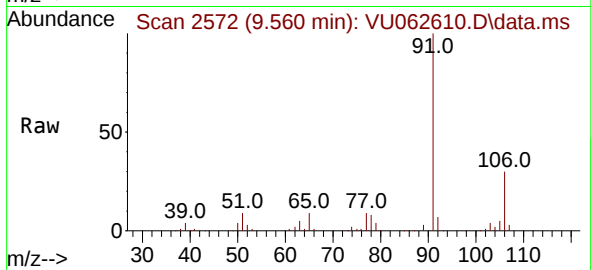




#52
Ethylbenzene
Concen: 4.978 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

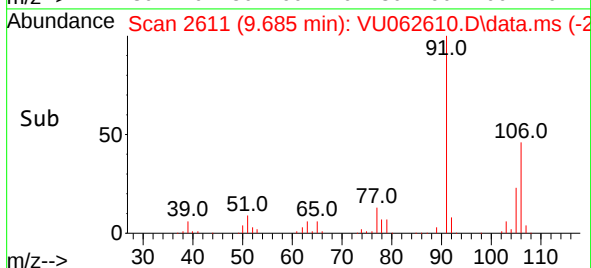
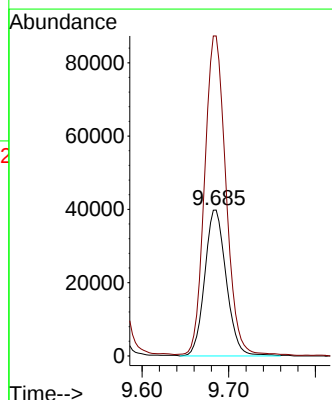
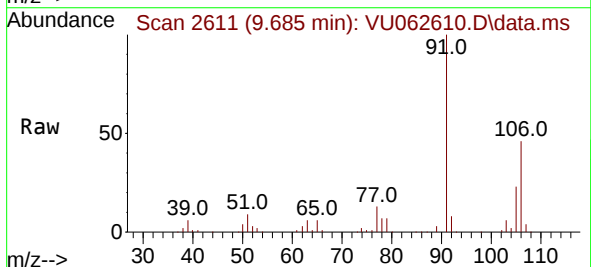
Instrument :
MSVOA_U
ClientSampleId :

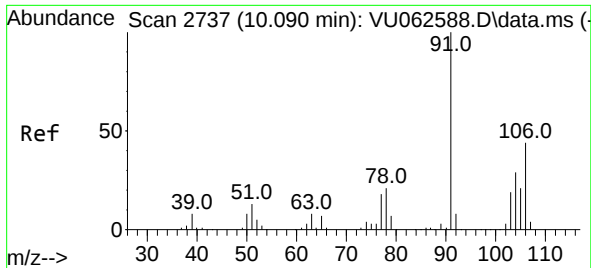
Tgt Ion: 91 Resp: 182695
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 5.074 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion: 106 Resp: 68747
Ion Ratio Lower Upper
106 100
91 219.2 147.6 274.0

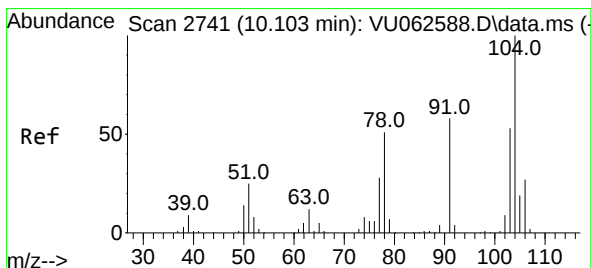
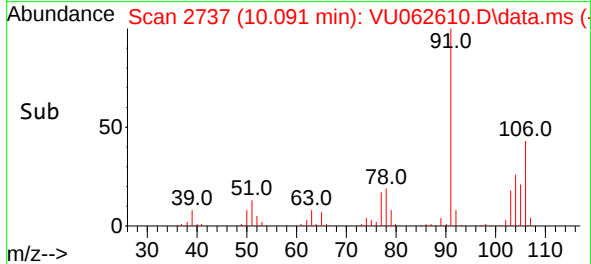
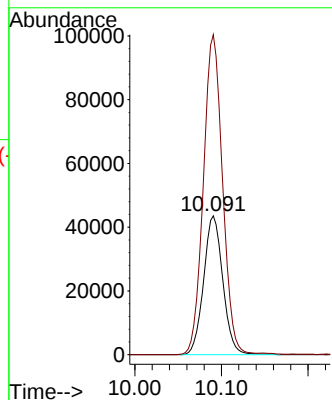
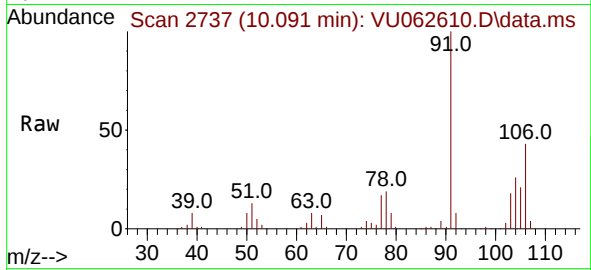




#54
o-Xylene
Concen: 5.096 ug/L
RT: 10.091 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

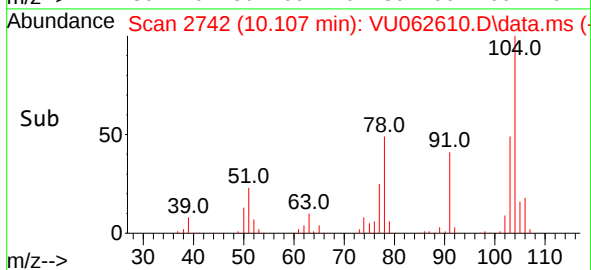
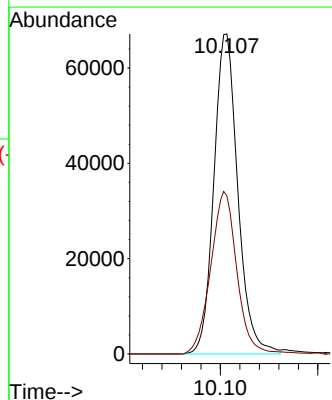
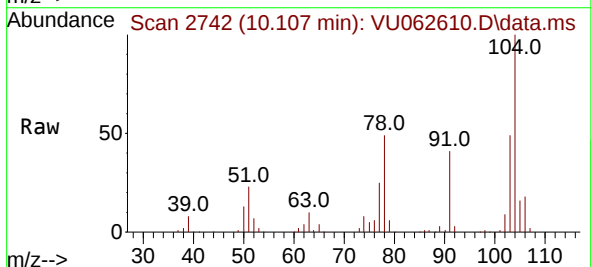
Instrument :
MSVOA_U
ClientSampleId :

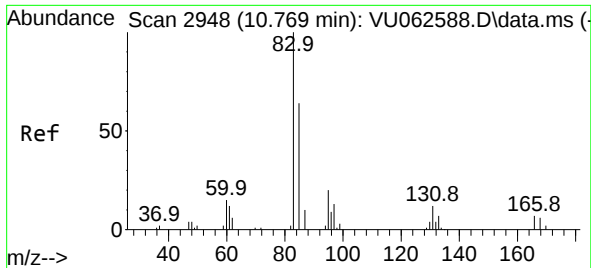
Tgt Ion:106 Resp: 67157
Ion Ratio Lower Upper
106 100
91 230.4 159.8 296.8



#55
Styrene
Concen: 5.277 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:104 Resp: 114617
Ion Ratio Lower Upper
104 100
78 49.4 33.2 61.7

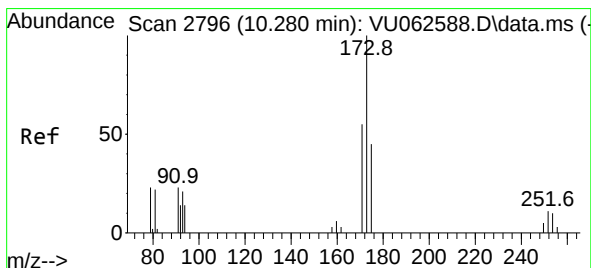
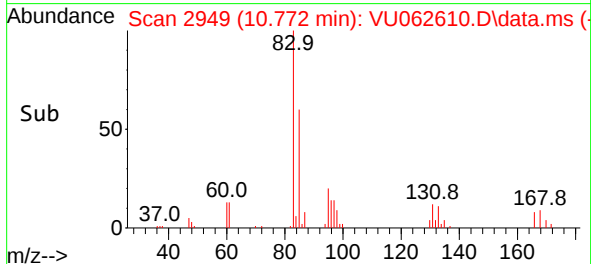
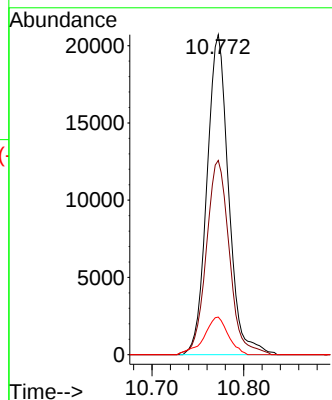
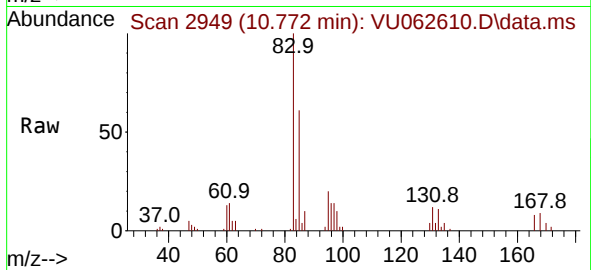




#57
1,1,2,2-Tetrachloroethane
Concen: 5.225 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

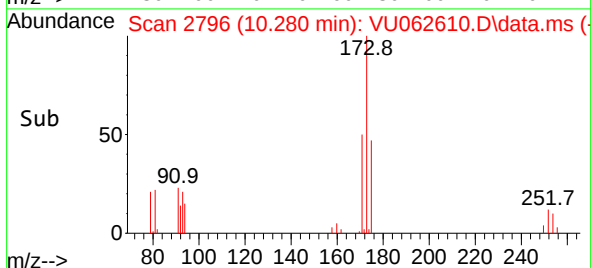
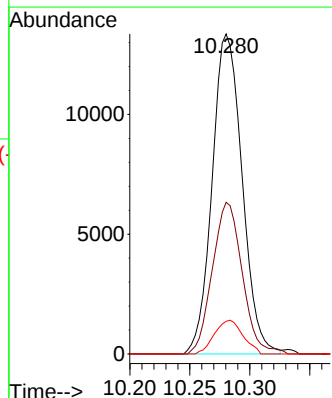
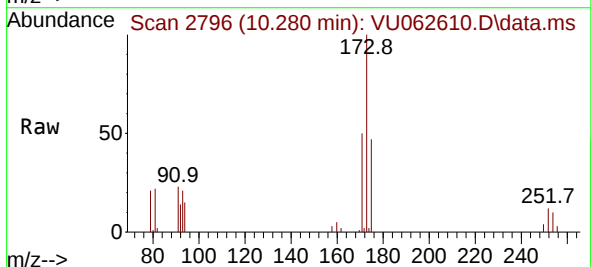
Instrument :
MSVOA_U
ClientSampleId :

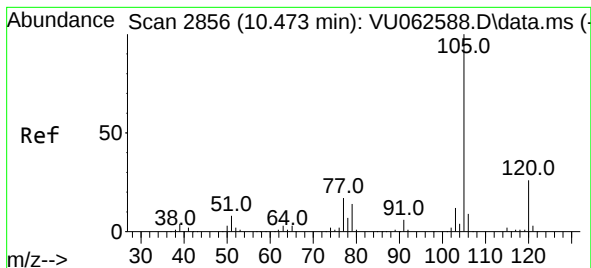
Tgt Ion: 83 Resp: 33935
Ion Ratio Lower Upper
83 100
85 60.7 44.4 82.4
131 11.7 7.3 10.9#



#59
Bromoform
Concen: 5.940 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:173 Resp: 23177
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 10.0 7.4 11.0





#60

Isopropylbenzene

Concen: 5.335 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :

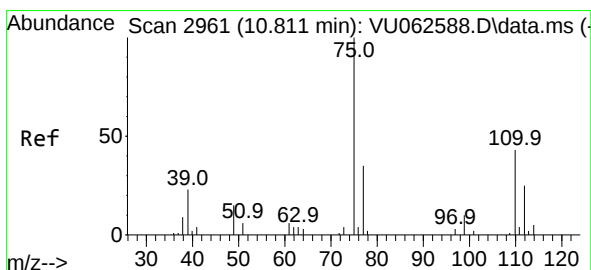
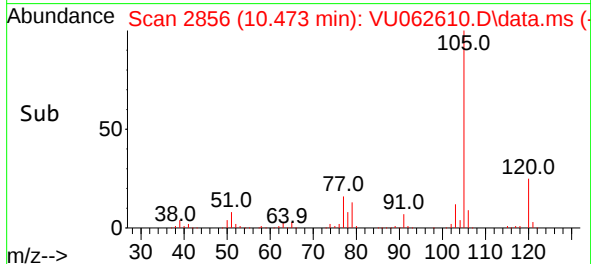
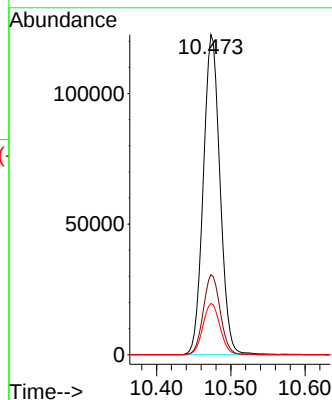
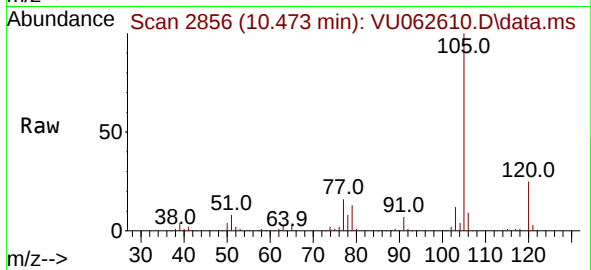
Tgt Ion:105 Resp: 191375

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.4 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.346 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

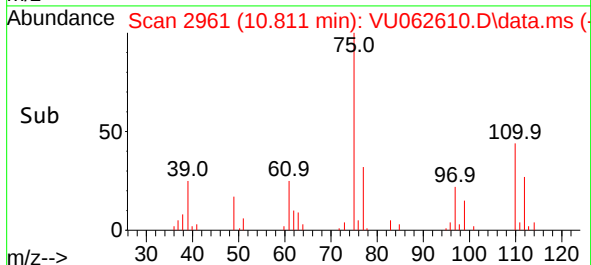
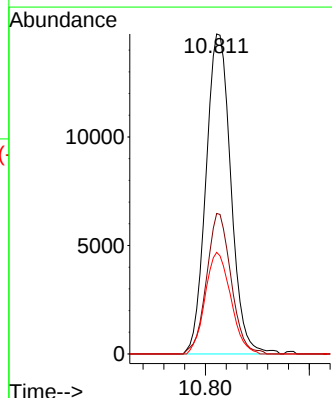
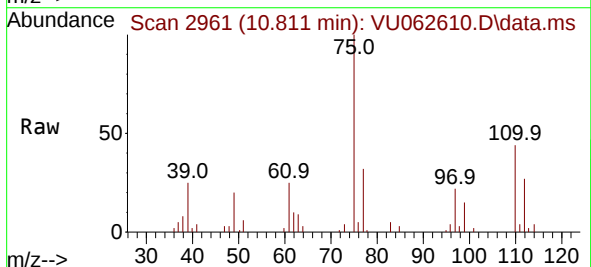
Tgt Ion: 75 Resp: 24546

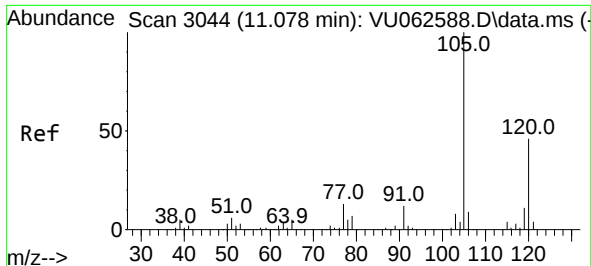
Ion Ratio Lower Upper

75 100

110 43.2 28.9 43.3

77 32.6 26.5 39.7

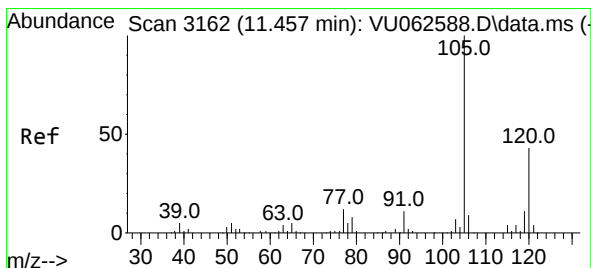
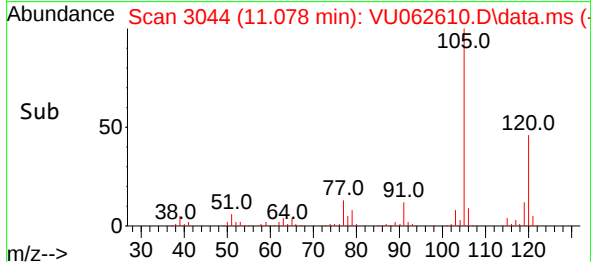
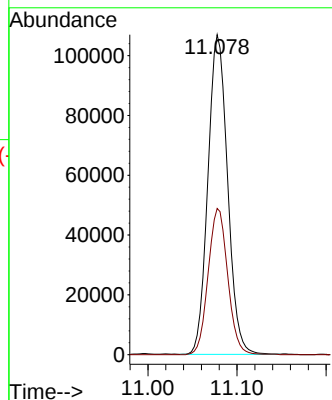
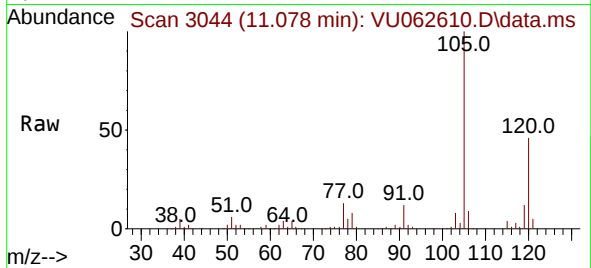




#62
1,3,5-Trimethylbenzene
Concen: 5.391 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

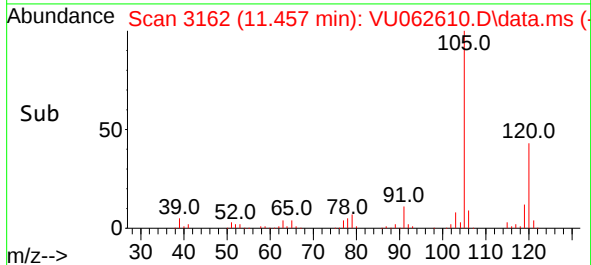
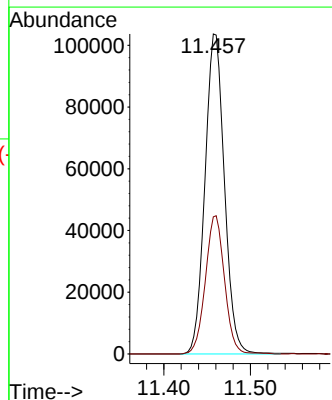
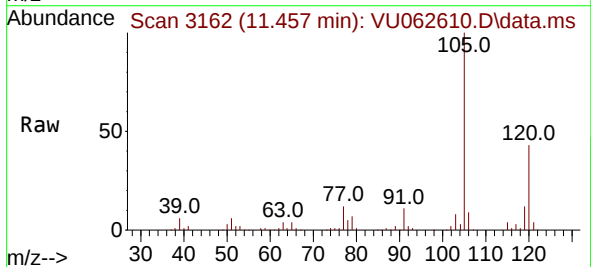
Instrument :
MSVOA_U
ClientSampleId :

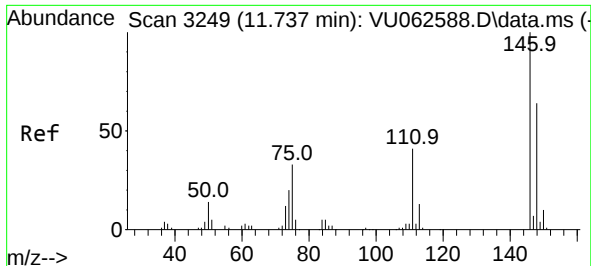
Tgt Ion:105 Resp: 163639
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 5.436 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:105 Resp: 161661
Ion Ratio Lower Upper
105 100
120 42.5 34.7 52.1

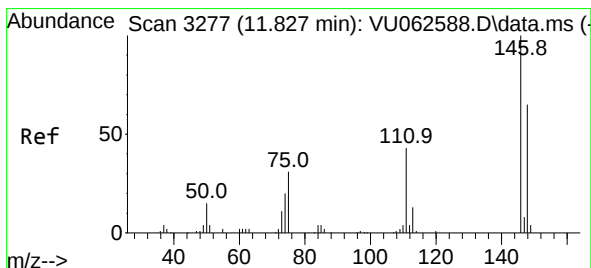
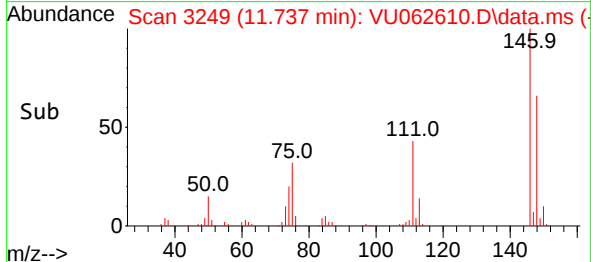
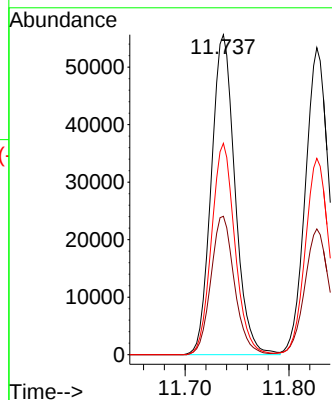
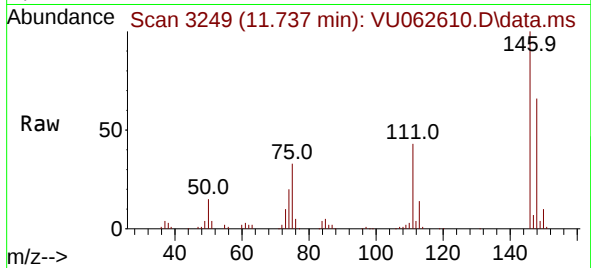




#64
1,3-Dichlorobenzene
Concen: 5.356 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

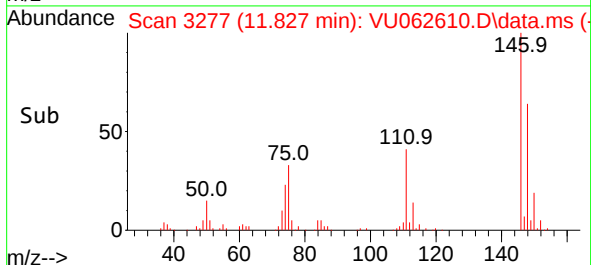
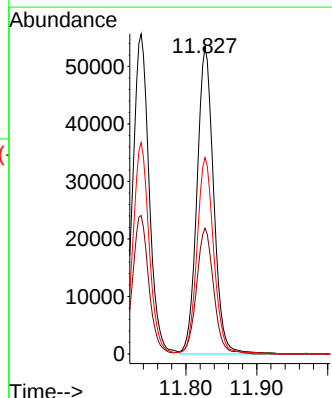
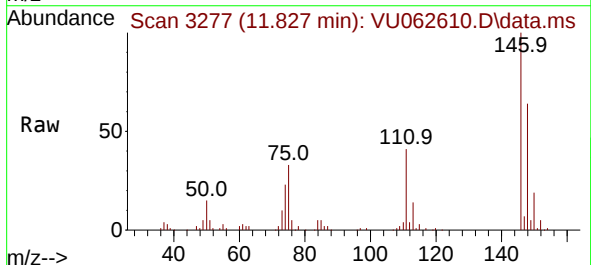
Instrument :
MSVOA_U
ClientSampleId :

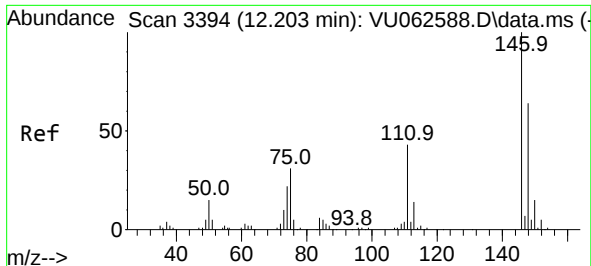
Tgt Ion:146 Resp: 88258
Ion Ratio Lower Upper
146 100
111 43.3 30.7 57.1
148 66.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 5.259 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:146 Resp: 87264
Ion Ratio Lower Upper
146 100
111 41.0 29.3 54.3
148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.402 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

Instrument :

MSVOA_U

ClientSampleId :

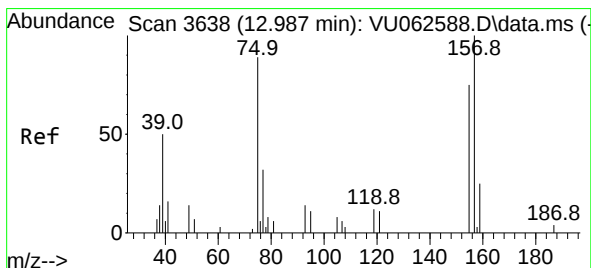
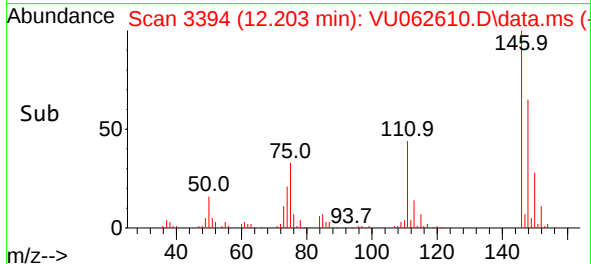
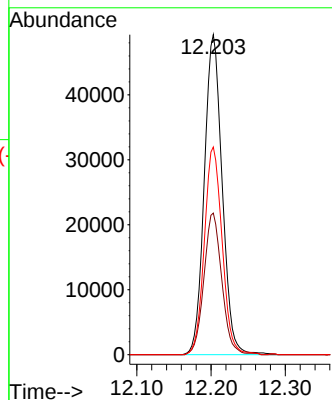
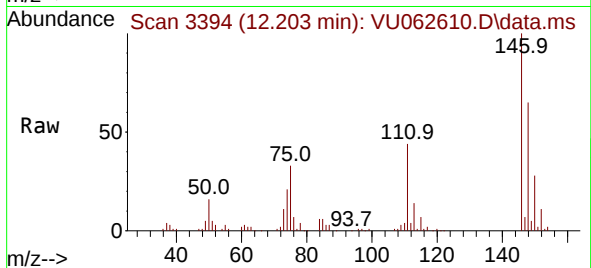
Tgt Ion:146 Resp: 82261

Ion Ratio Lower Upper

146 100

111 44.3 36.0 54.0

148 64.9 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.364 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU062610.D

Acq: 27 Dec 2024 11:50

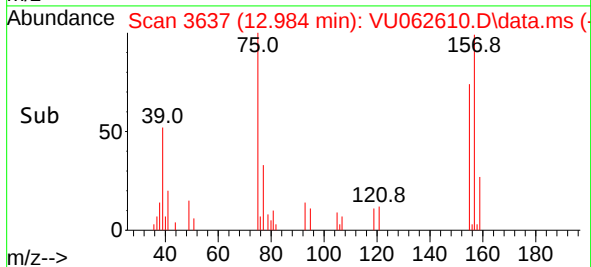
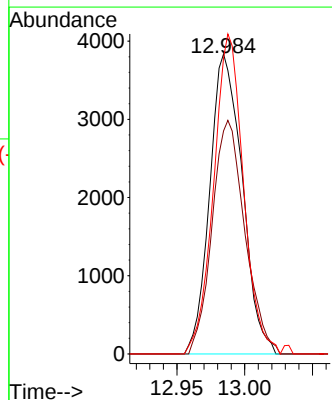
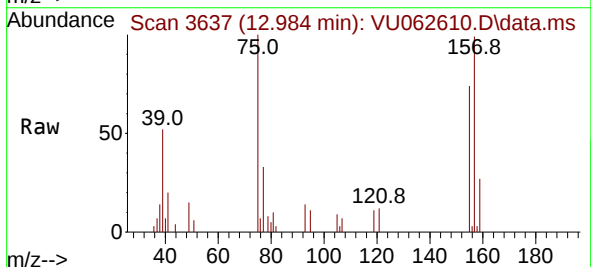
Tgt Ion: 75 Resp: 6374

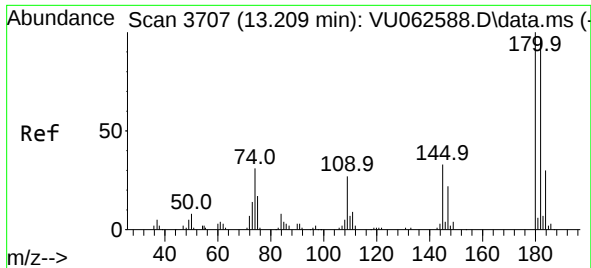
Ion Ratio Lower Upper

75 100

155 74.4 55.2 82.8

157 98.7 73.5 110.3

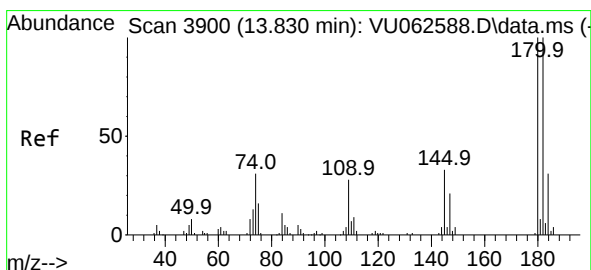
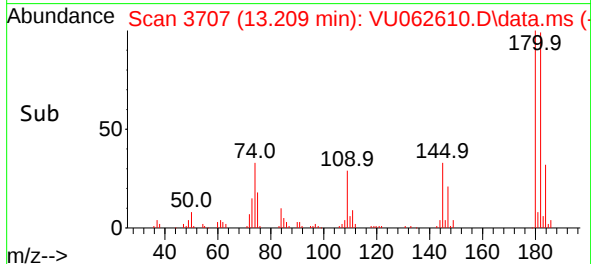
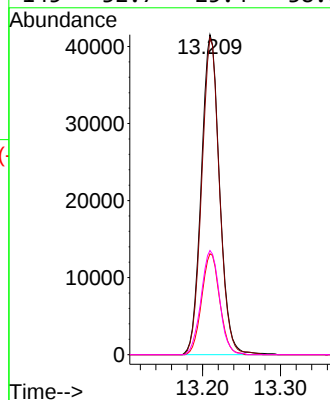
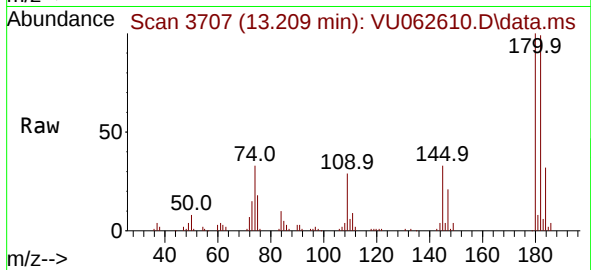




#69
 1,3,5-Trichlorobenzene
 Concen: 5.525 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

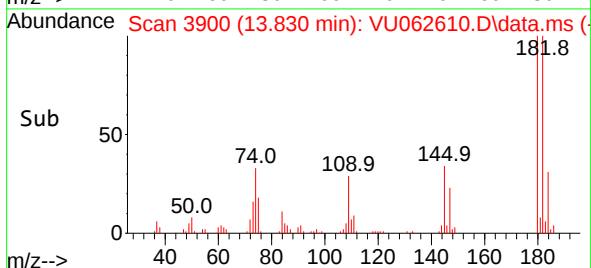
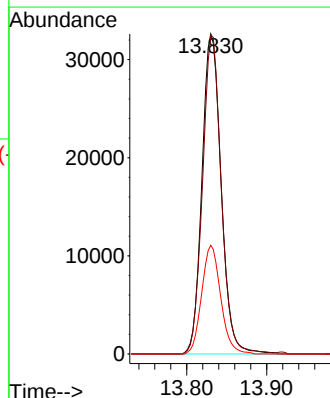
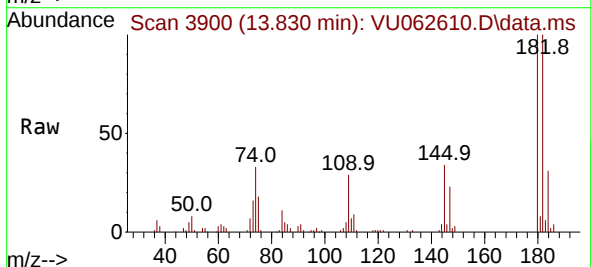
Instrument :
 MSVOA_U
 ClientSampleId :

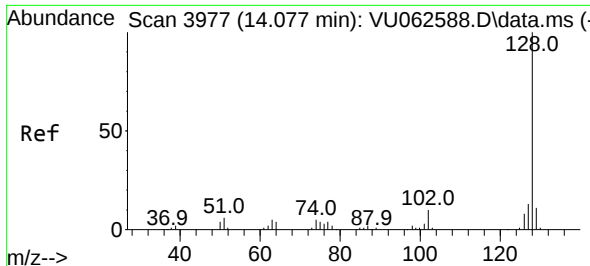
Tgt Ion:180	Resp:	67672
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.7 115.1
184	31.1	24.8 37.2
145	32.7	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.635 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU062610.D
 Acq: 27 Dec 2024 11:50

Tgt Ion:180	Resp:	54489
Ion Ratio	Lower	Upper
180	100	
182	97.2	74.5 111.7
145	33.7	25.6 38.4

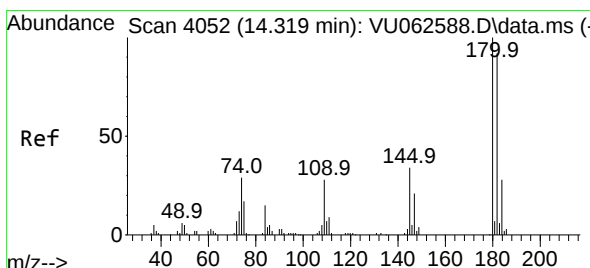
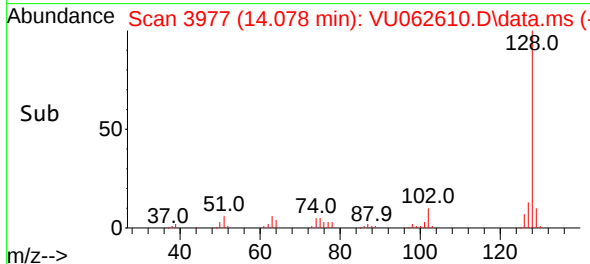
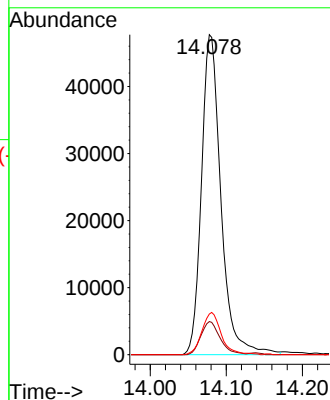
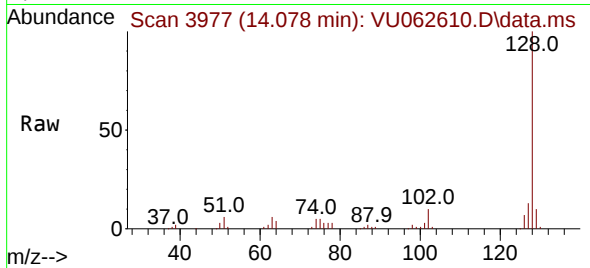




#71
Naphthalene
Concen: 5.848 ug/L
RT: 14.078 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 84924
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.708 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU062610.D
Acq: 27 Dec 2024 11:50

Tgt Ion:180 Resp: 48682
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 35.1 27.4 41.0

