

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062097.D
 Acq On : 05 Dec 2024 14:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:18:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	116720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21218	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.907	69	18360	3.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	9481	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.631	46	69221	38.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.000%
24) Chloroform-d	5.052	84	61286	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	30673	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.718	84	99040	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	32453	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	87059	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	14532	5.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.627	63	49184	38.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30088	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	38591	4.420	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54570	5.344	ug/L	96
3) Chloromethane	1.515	50	41991	3.989	ug/L	97
5) Vinyl chloride	1.599	62	44418	4.107	ug/L	99
6) Bromomethane	1.853	94	28395	4.411	ug/L	95
8) Chloroethane	1.930	64	23607	3.386	ug/L	99
9) Trichlorofluoromethane	2.133	101	74067	5.415	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41590	4.941	ug/L	93
12) 1,1-Dichloroethene	2.573	96	37117	4.742	ug/L	96
13) Acetone	2.647	43	57874	46.623	ug/L	94
14) Carbon disulfide	2.785	76	110236	4.427	ug/L	99
15) Methyl Acetate	2.956	43	13736	4.309	ug/L	95
16) Methylene chloride	3.039	84	40980	4.360	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	96379	4.804	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	39296	4.749	ug/L	98
19) 1,1-Dichloroethane	3.859	63	73427	4.555	ug/L	98
21) 2-Butanone	4.708	43	85077	42.407	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	45030	4.835	ug/L	98
23) Bromochloromethane	4.968	128	19583	4.838	ug/L	86
25) Chloroform	5.078	83	82033	4.869	ug/L	98

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:18:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

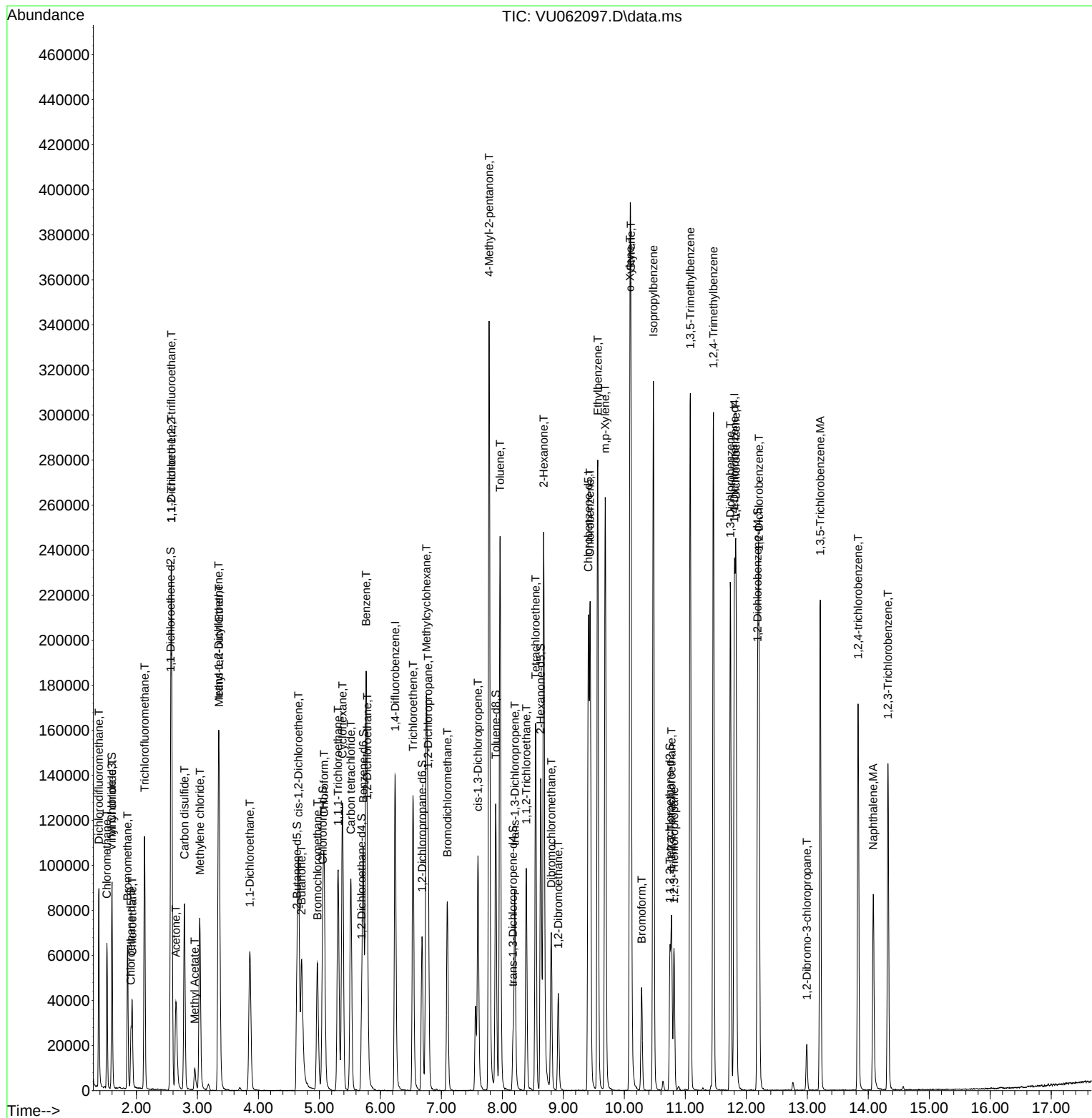
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	50325	4.643	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	75292	5.734	ug/L	96
30) Cyclohexane	5.377	56	64263	4.679	ug/L	96
31) Carbon tetrachloride	5.515	117	67140	6.022	ug/L	99
33) Benzene	5.766	78	168380	4.894	ug/L	100
34) Trichloroethene	6.534	95	47638	5.188	ug/L	98
35) Methylcyclohexane	6.753	83	71332	5.078	ug/L	96
37) 1,2-Dichloropropane	6.782	63	42377	4.741	ug/L	100
38) Bromodichloromethane	7.097	83	57540	5.308	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	65592	5.234	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	205518	42.614	ug/L	94
42) Toluene	7.962	91	185358	5.134	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	54911	5.517	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	31280	4.750	ug/L	96
47) Tetrachloroethene	8.544	164	35796	5.360	ug/L	96
48) 2-Hexanone	8.676	43	150377	41.635	ug/L #	95
49) Dibromochloromethane	8.801	129	37507	5.392	ug/L	97
50) 1,2-Dibromoethane	8.917	107	30199	4.621	ug/L	98
51) Chlorobenzene	9.438	112	114370	4.625	ug/L	99
52) Ethylbenzene	9.563	91	203723	4.715	ug/L	100
53) m,p-Xylene	9.685	106	76956	5.048	ug/L	97
54) o-Xylene	10.094	106	73923	4.804	ug/L	96
55) Styrene	10.107	104	125859	4.964	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	37662	4.463	ug/L	100
59) Bromoform	10.283	173	20958	4.775	ug/L #	97
60) Isopropylbenzene	10.476	105	207872	4.515	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	26659	3.905	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	173593	4.726	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	170120	4.646	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	92857	4.543	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	91183	4.609	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	83999	4.726	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6044	5.188	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	67818	5.576	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	52515	5.634	ug/L	98
71) Naphthalene	14.081	128	78888	5.251	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45184	5.629	ug/L	99

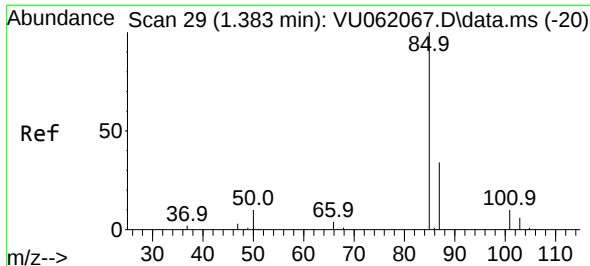
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Data File : VU062097.D
Acq On : 05 Dec 2024 14:02
Operator : MD/SY
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 06 02:18:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 03 00:21:51 2024
Response via : Initial Calibration

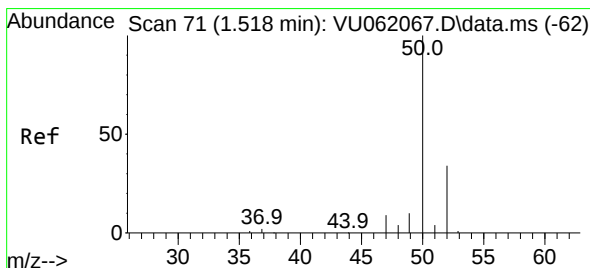
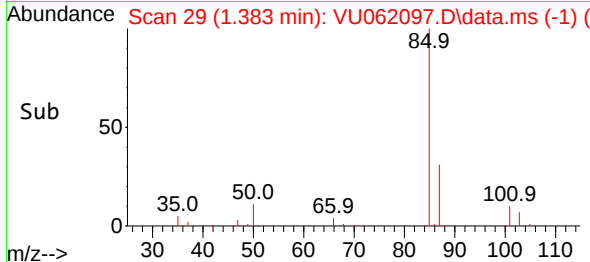
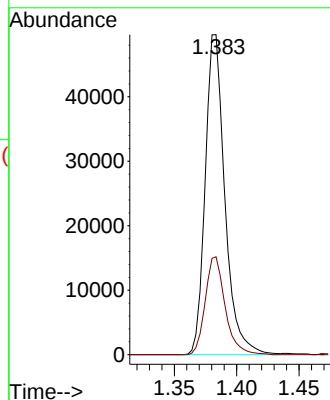
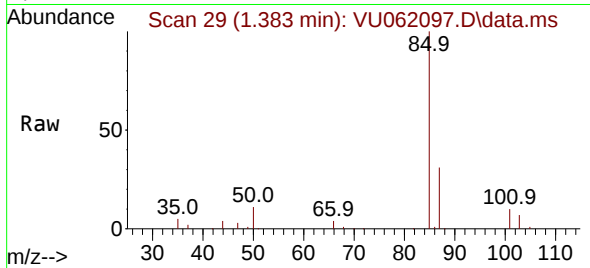




#2
Dichlorodifluoromethane
Concen: 5.344 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

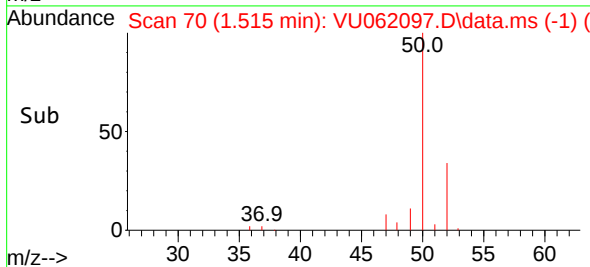
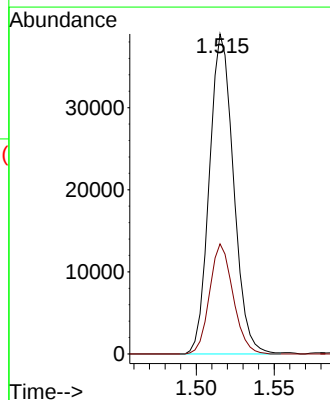
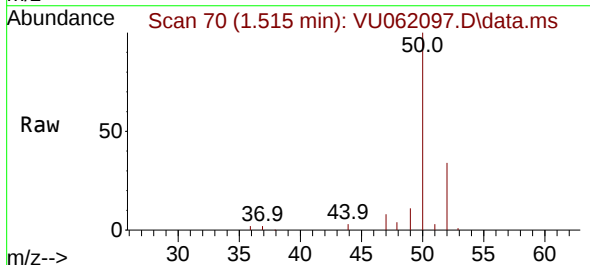
Instrument :
MSVOA_U
ClientSampleId :

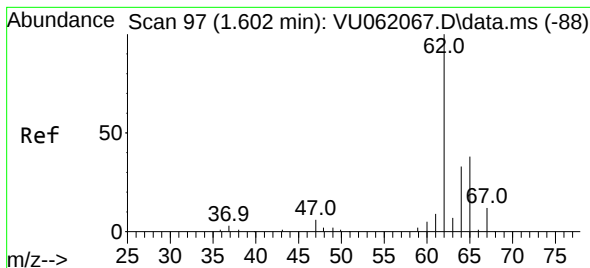
Tgt Ion: 85 Resp: 54570
Ion Ratio Lower Upper
85 100
87 31.0 26.6 40.0



#3
Chloromethane
Concen: 3.989 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 50 Resp: 41991
Ion Ratio Lower Upper
50 100
52 34.4 23.1 42.9





#5

Vinyl chloride

Concen: 4.107 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

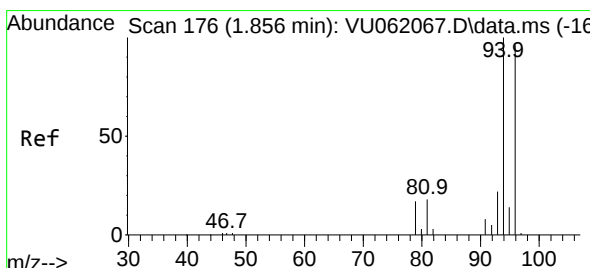
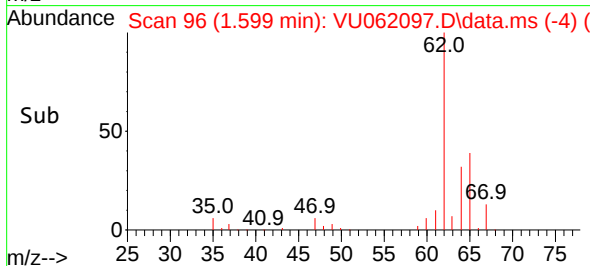
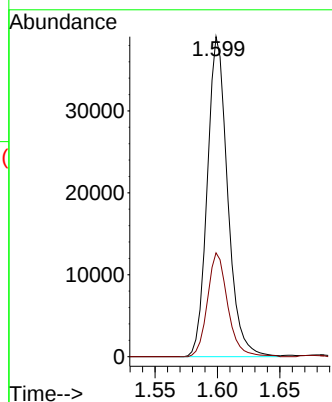
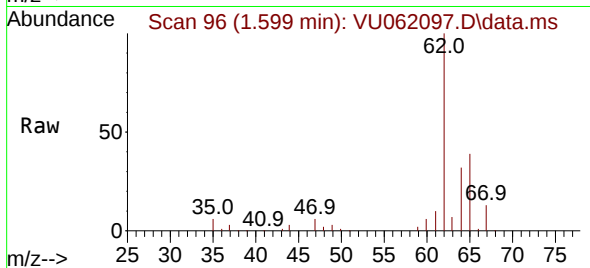
ClientSampleId :

Tgt Ion: 62 Resp: 44418

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 4.411 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062097.D

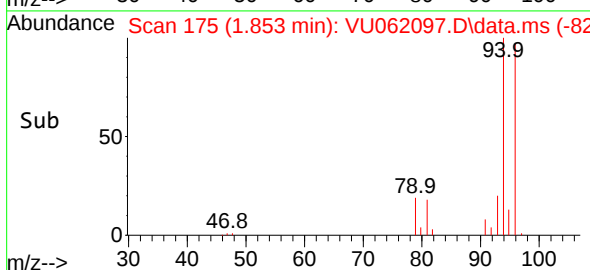
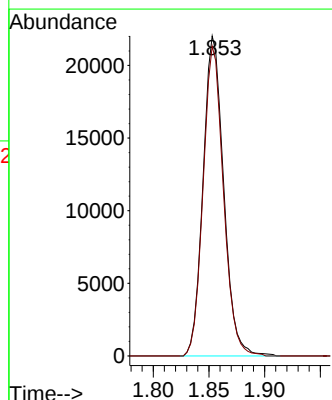
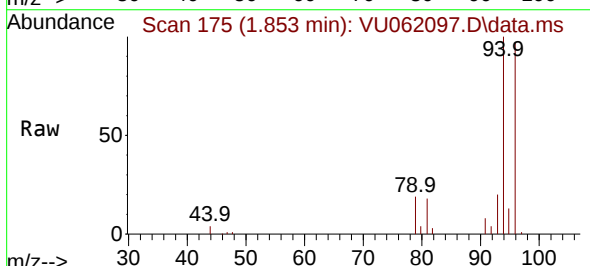
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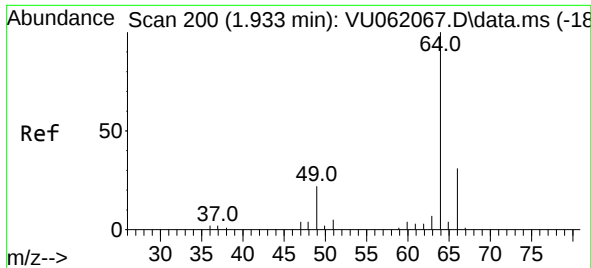
Tgt Ion: 94 Resp: 28395

Ion Ratio Lower Upper

94 100

96 96.8 64.5 119.9

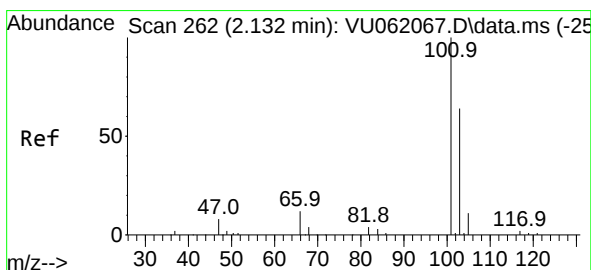
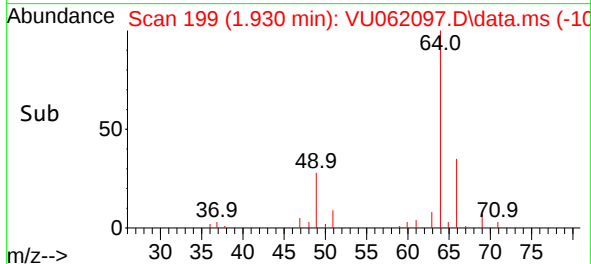
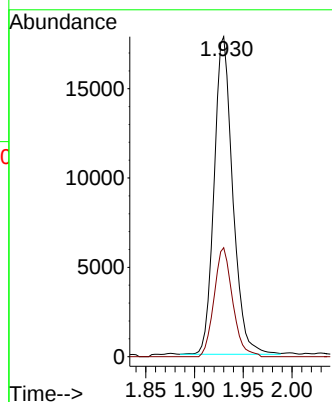
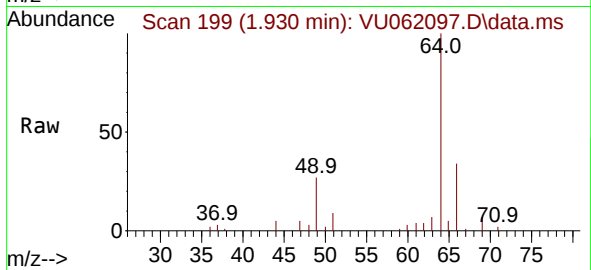




#8
Chloroethane
Concen: 3.386 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

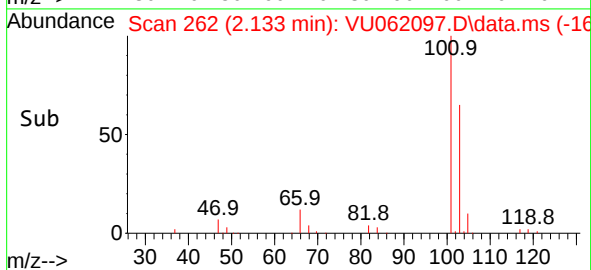
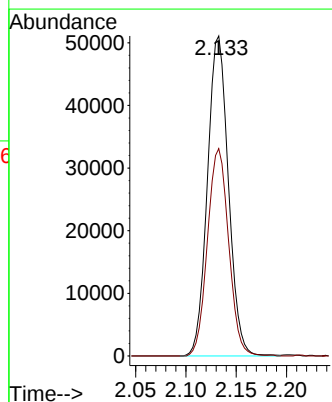
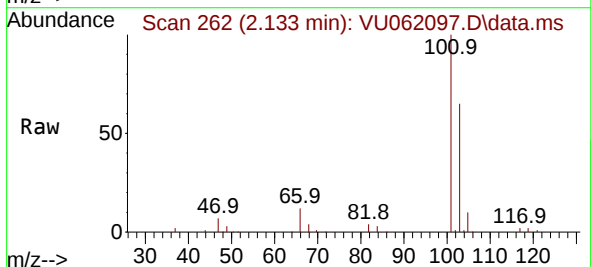
Instrument :
MSVOA_U
ClientSampleId :

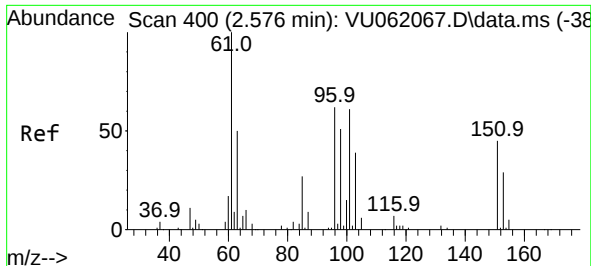
Tgt Ion: 64 Resp: 23607
Ion Ratio Lower Upper
64 100
66 34.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.415 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 101 Resp: 74067
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

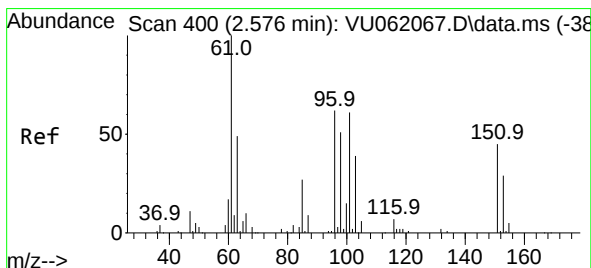
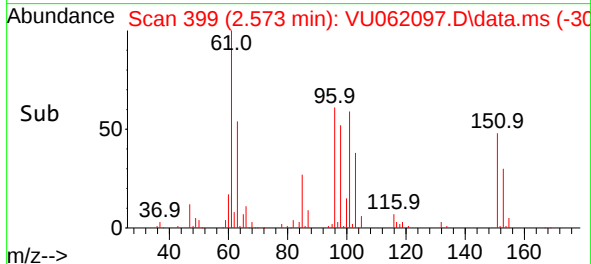
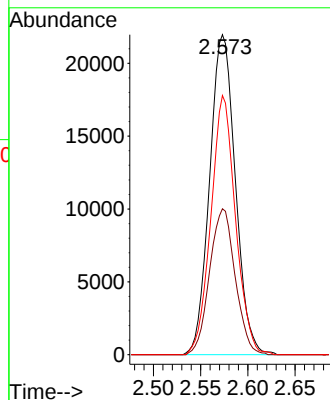
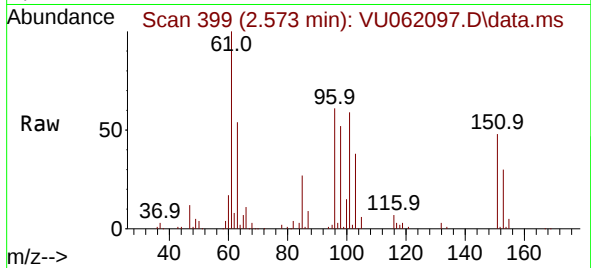




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.941 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

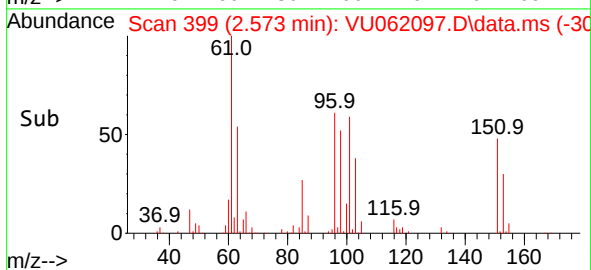
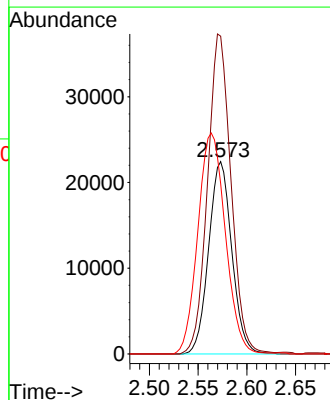
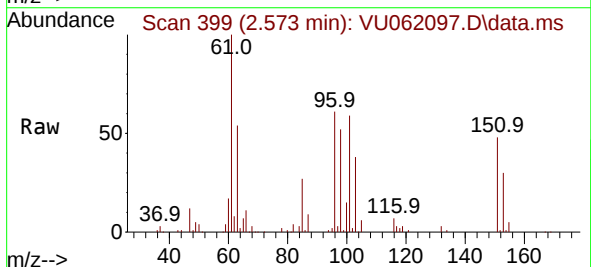
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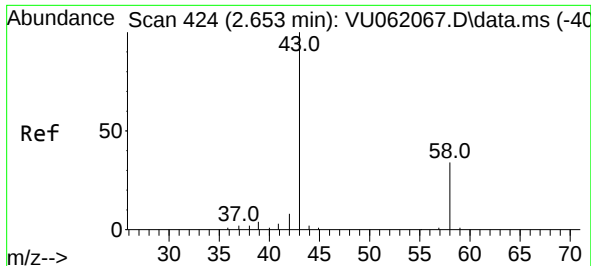
Tgt Ion:101 Resp: 41590
Ion Ratio Lower Upper
101 100
85 45.3 38.0 57.0
151 77.5 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.742 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 96 Resp: 37117
Ion Ratio Lower Upper
96 100
61 165.2 119.6 222.2
63 88.5 65.0 120.6





#13

Acetone

Concen: 46.623 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

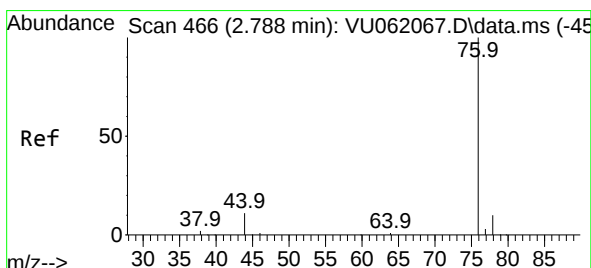
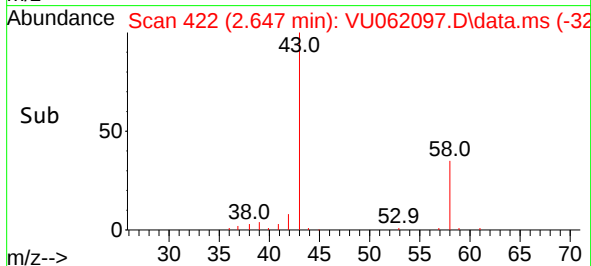
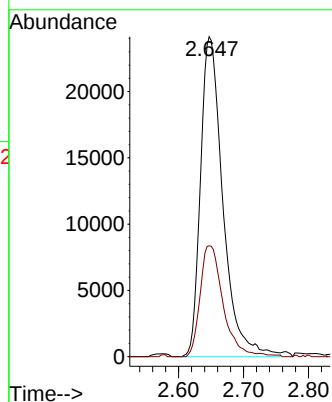
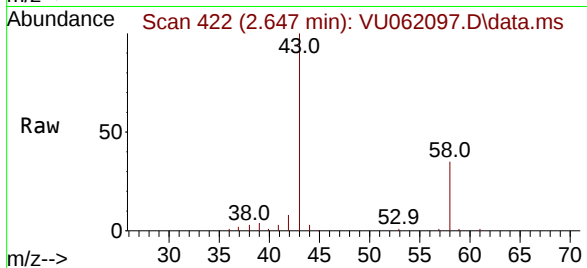
ClientSampleId :

Tgt Ion: 43 Resp: 57874

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.427 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062097.D

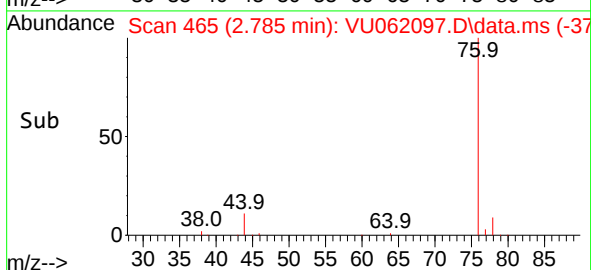
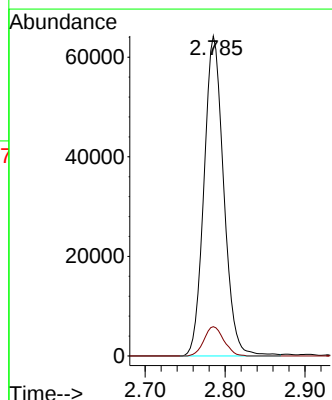
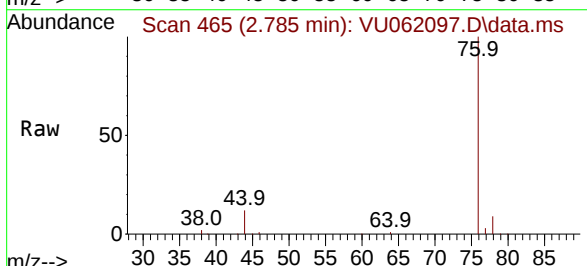
Acq: 05 Dec 2024 14:02

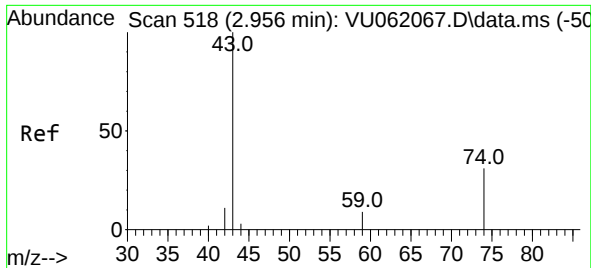
Tgt Ion: 76 Resp: 110236

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

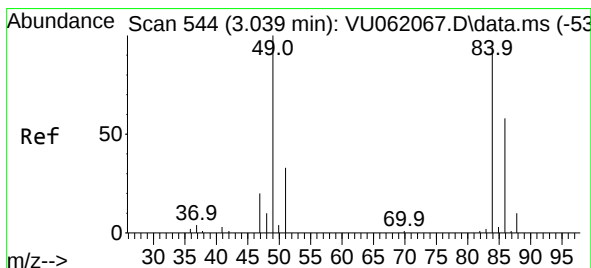
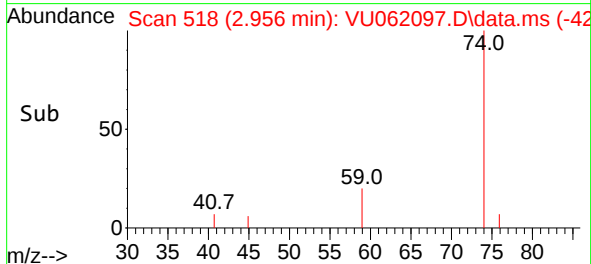
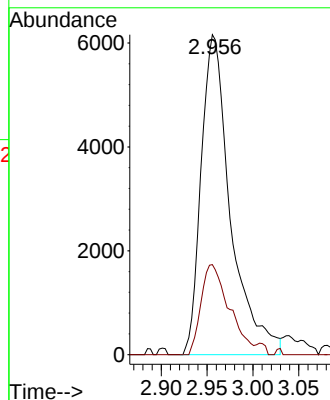
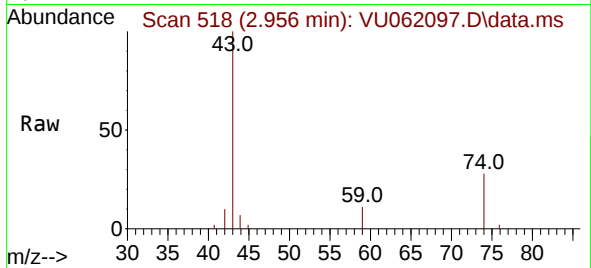




#15
Methyl Acetate
Concen: 4.309 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

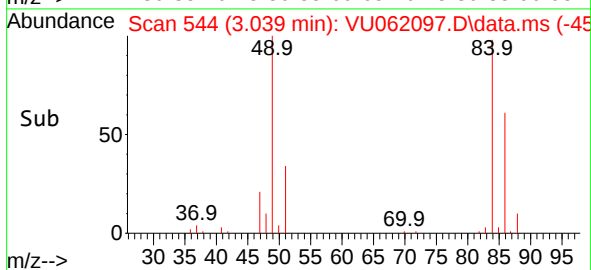
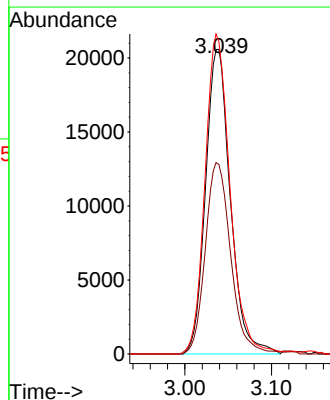
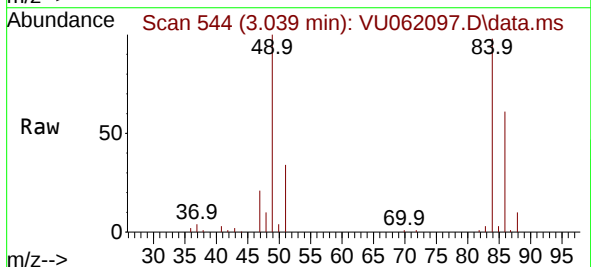
Instrument :
MSVOA_U
ClientSampleId :

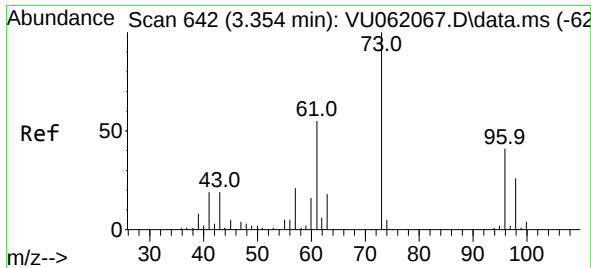
Tgt Ion: 43 Resp: 13736
Ion Ratio Lower Upper
43 100
74 26.9 19.4 29.2



#16
Methylene chloride
Concen: 4.360 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

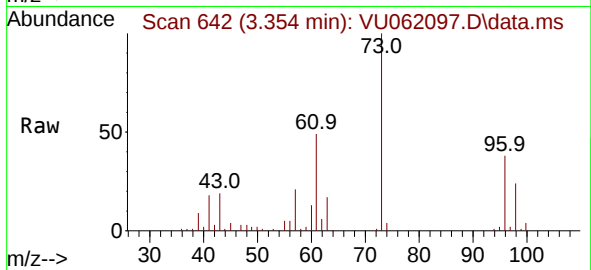
Tgt Ion: 84 Resp: 40980
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.7
49 102.5 81.9 152.1



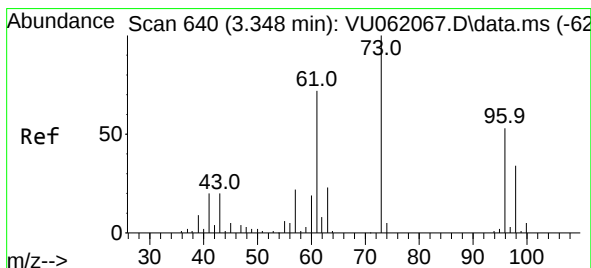
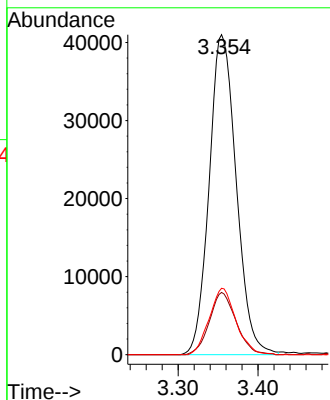
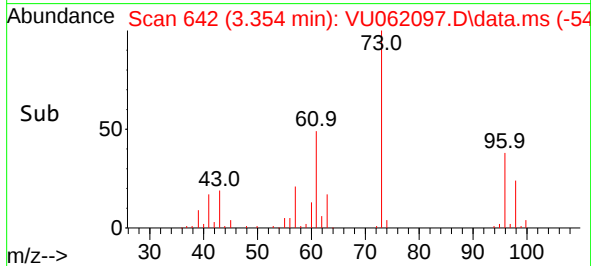


#17
Methyl tert-butyl Ether
Concen: 4.804 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :

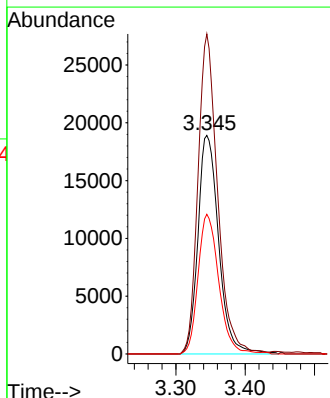
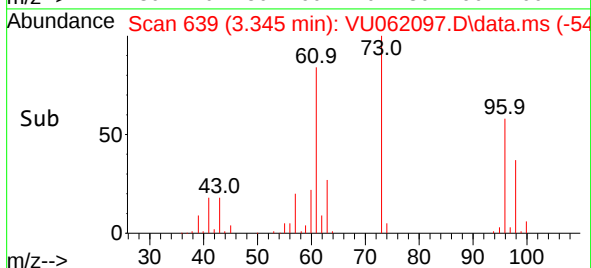
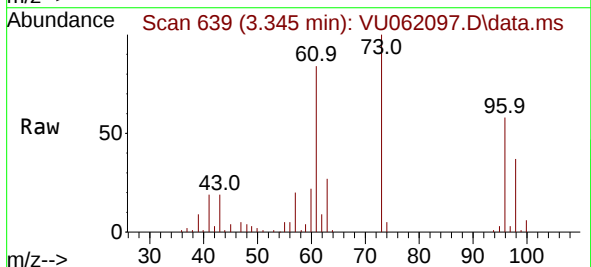


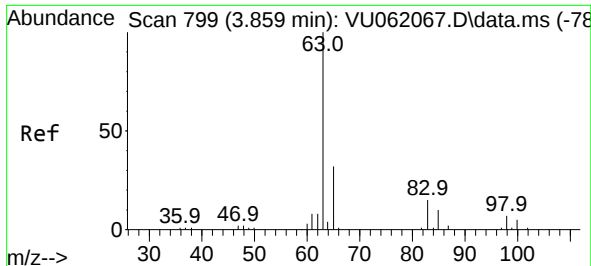
Tgt Ion: 73	Resp: 96379
Ion Ratio	Lower Upper
73 100	
43 19.2	16.3 24.5
57 20.4	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.749 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 96	Resp: 39296
Ion Ratio	Lower Upper
96 100	
61 146.4	104.2 193.4
98 63.9	45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.555 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :

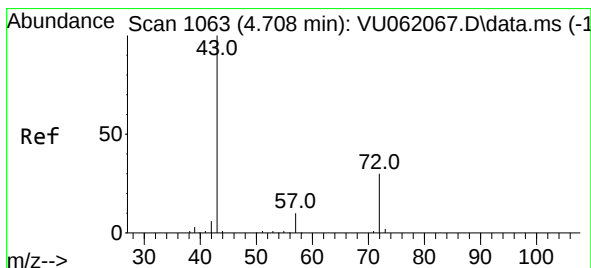
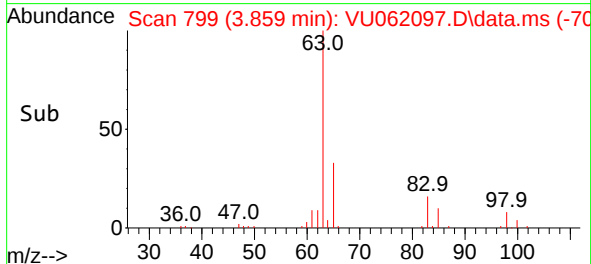
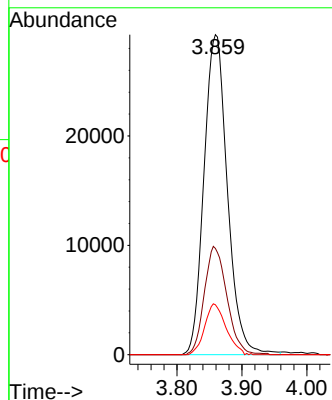
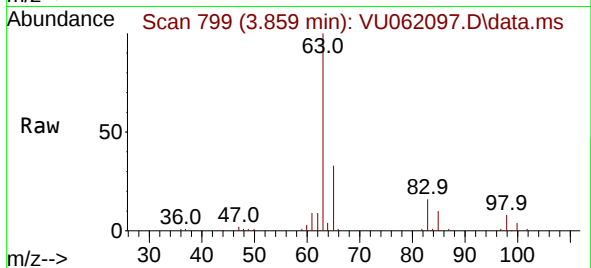
Tgt Ion: 63 Resp: 73427

Ion Ratio Lower Upper

63 100

65 33.2 22.7 42.3

83 15.6 9.9 18.3



#21

2-Butanone

Concen: 42.407 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.010 min

Lab File: VU062097.D

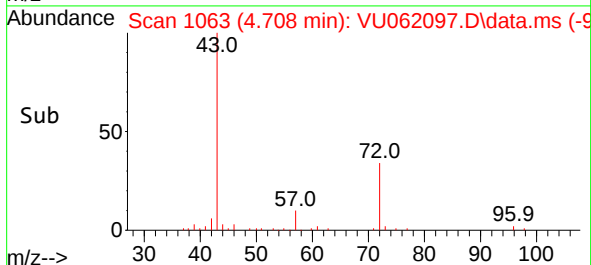
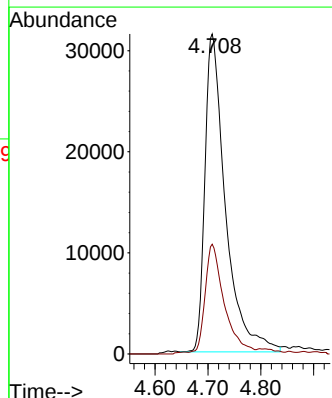
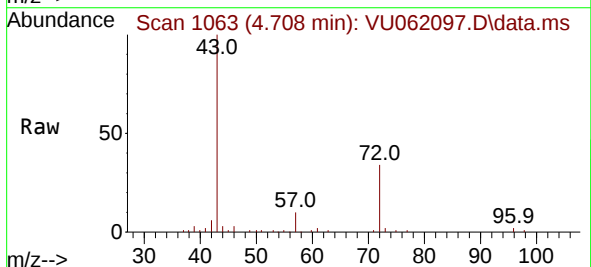
Acq: 05 Dec 2024 14:02

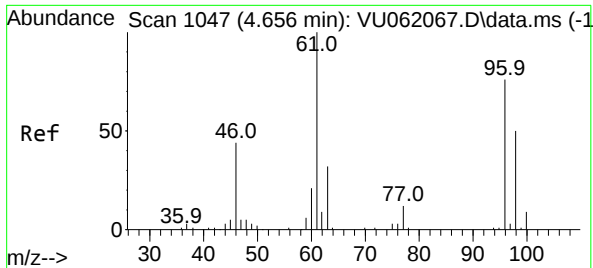
Tgt Ion: 43 Resp: 85077

Ion Ratio Lower Upper

43 100

72 30.9 14.8 44.4

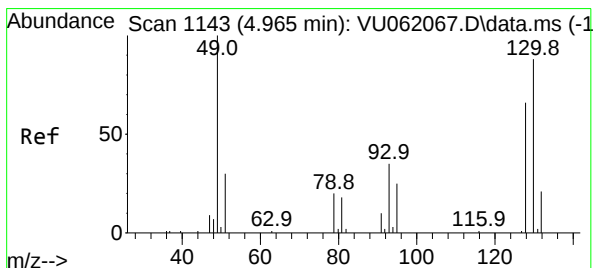
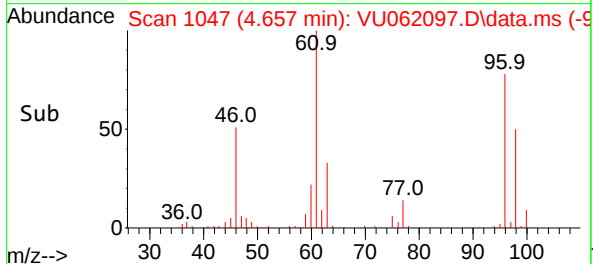
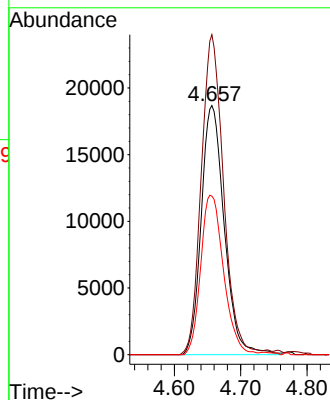
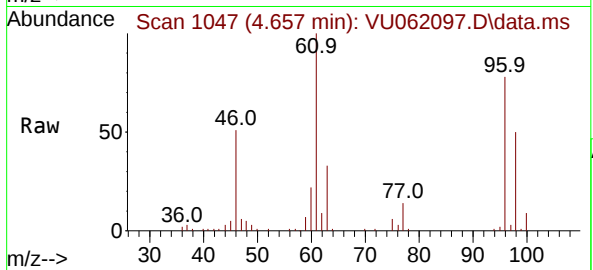




#22
 cis-1,2-Dichloroethene
 Concen: 4.835 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062097.D
 Acq: 05 Dec 2024 14:02

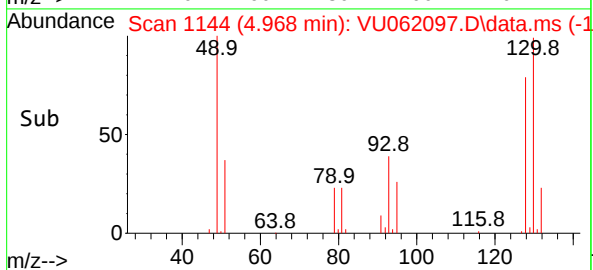
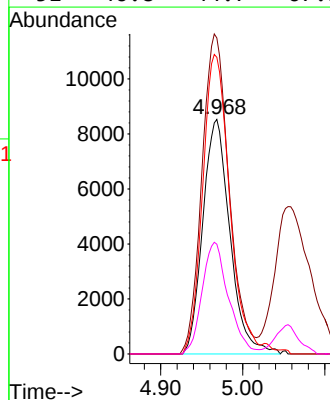
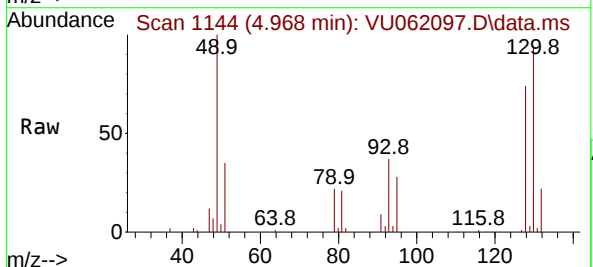
Instrument :
 MSVOA_U
 ClientSampleId :

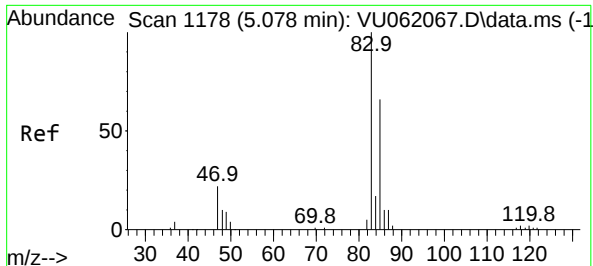
Tgt Ion: 96 Resp: 45030
 Ion Ratio Lower Upper
 96 100
 61 128.5 92.0 170.8
 98 63.7 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.838 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU062097.D
 Acq: 05 Dec 2024 14:02

Tgt Ion: 128 Resp: 19583
 Ion Ratio Lower Upper
 128 100
 49 134.7 115.3 214.1
 130 126.5 92.0 170.8
 51 46.8 44.7 67.1





#25

Chloroform

Concen: 4.869 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

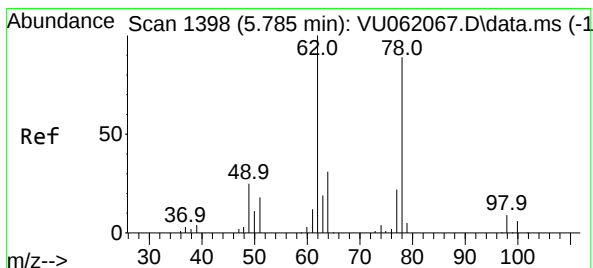
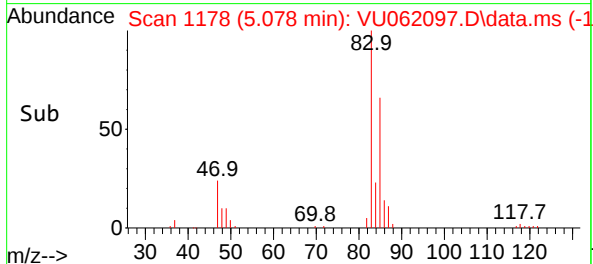
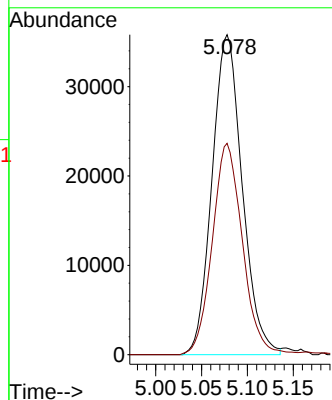
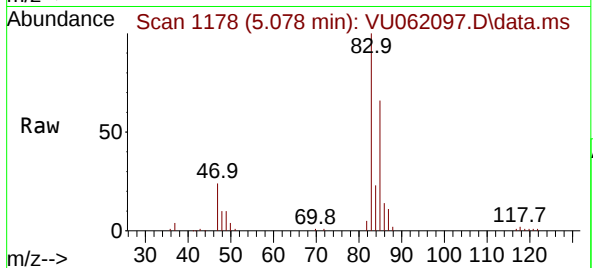
ClientSampleId :

Tgt Ion: 83 Resp: 82033

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.643 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062097.D

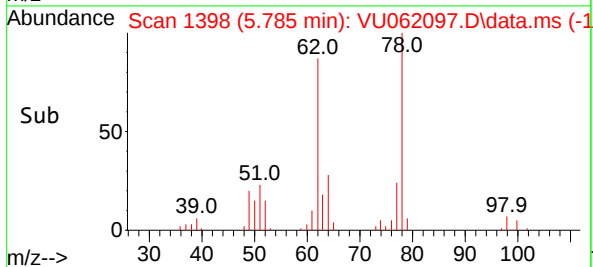
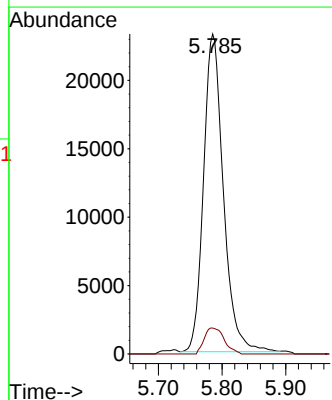
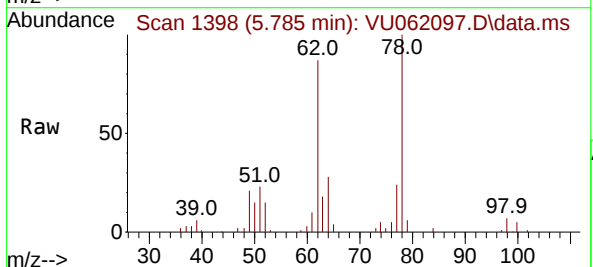
Acq: 05 Dec 2024 14:02

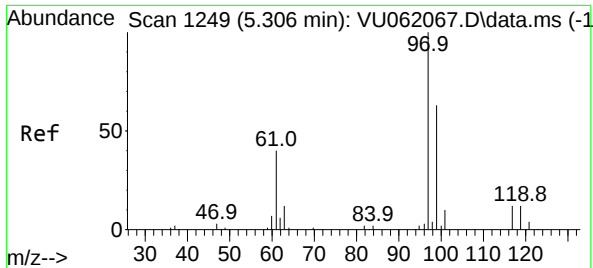
Tgt Ion: 62 Resp: 50325

Ion Ratio Lower Upper

62 100

98 8.1 7.4 11.0

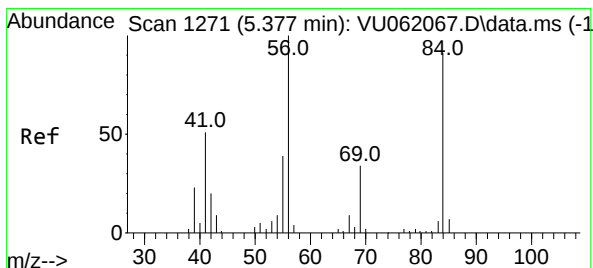
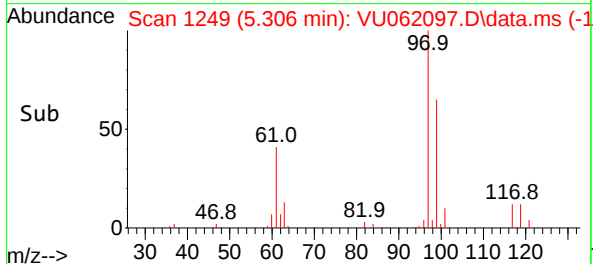
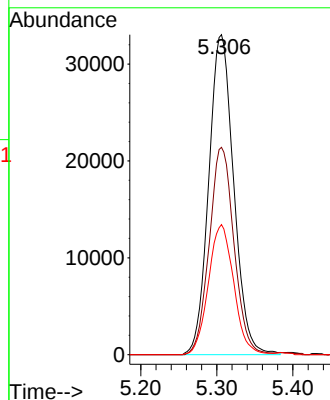
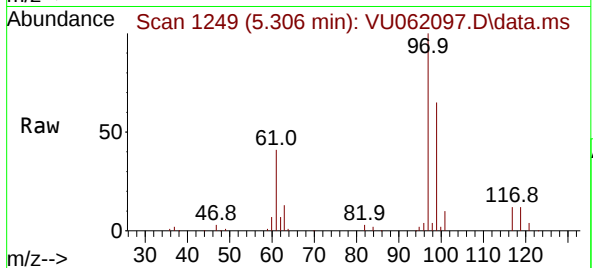




#29
1,1,1-Trichloroethane
Concen: 5.734 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

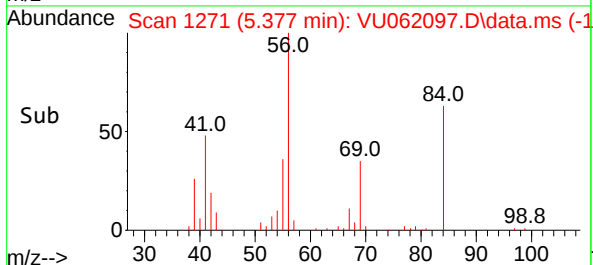
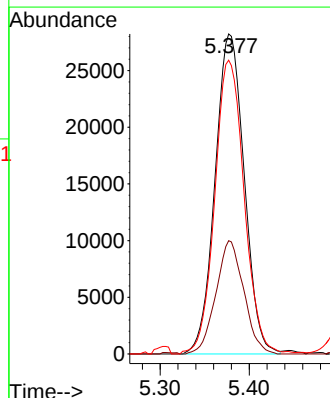
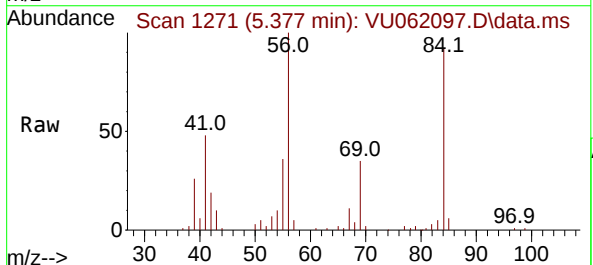
Instrument :
MSVOA_U
ClientSampleId :

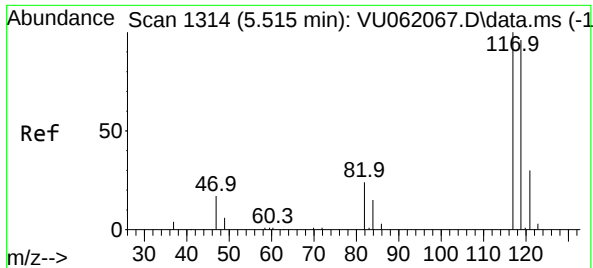
Tgt Ion: 97	Resp: 75292
Ion Ratio	Lower Upper
97 100	
99 64.3	51.4 77.2
61 41.3	37.8 56.6



#30
Cyclohexane
Concen: 4.679 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 56	Resp: 64263
Ion Ratio	Lower Upper
56 100	
69 33.9	25.1 37.7
84 92.3	70.6 105.8

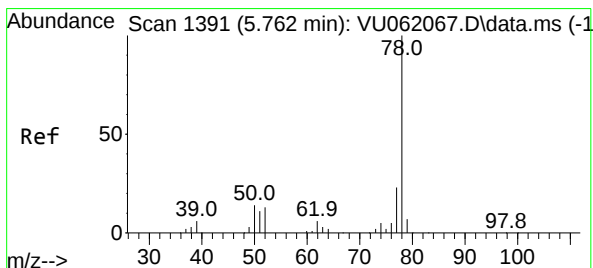
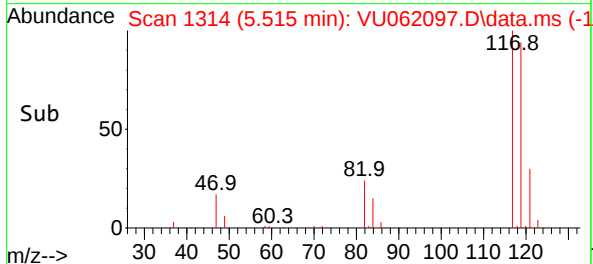
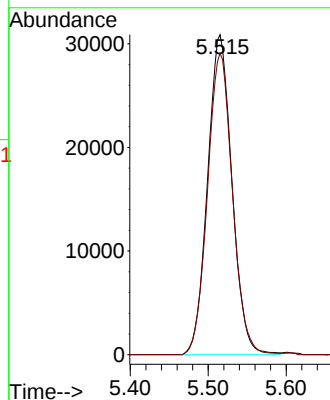
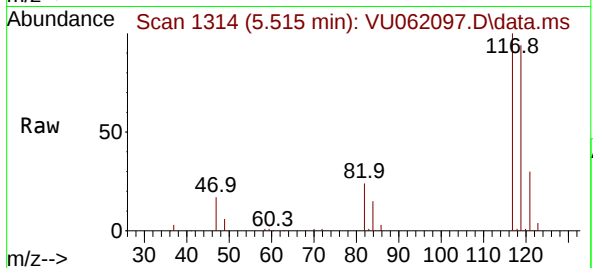




#31
Carbon tetrachloride
Concen: 6.022 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

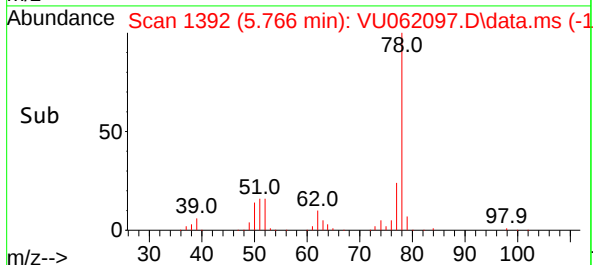
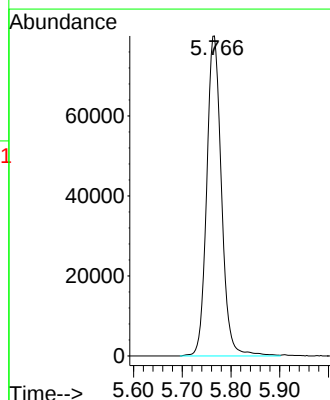
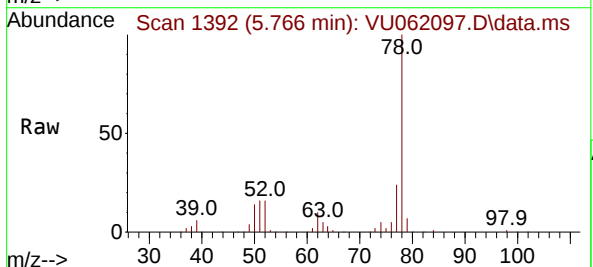
Instrument :
MSVOA_U
ClientSampleId :

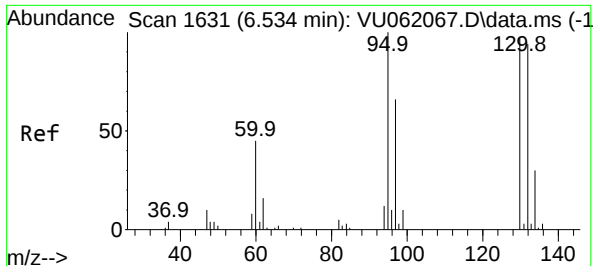
Tgt Ion:117 Resp: 67140
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 4.894 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

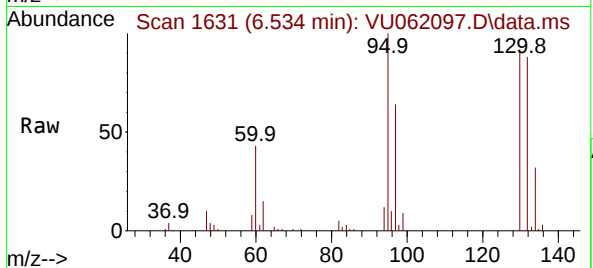
Tgt Ion: 78 Resp: 168380





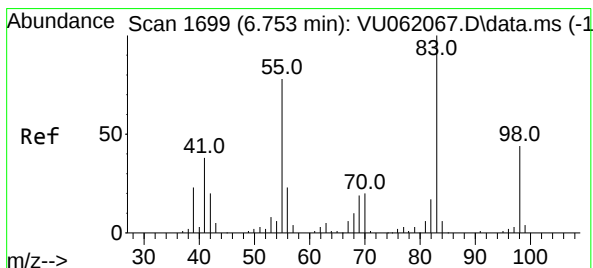
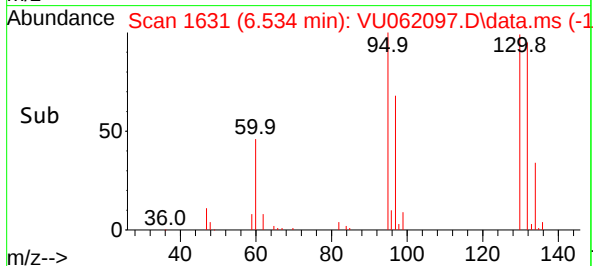
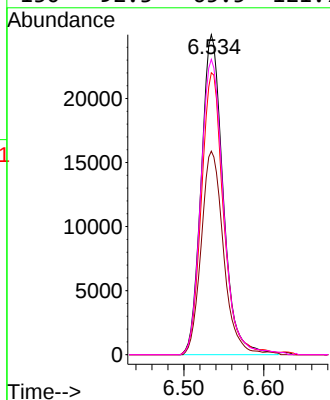
#34
Trichloroethene
Concen: 5.188 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 47638

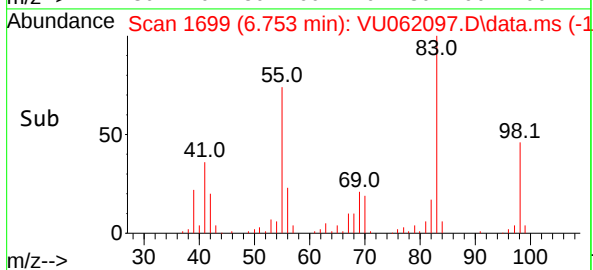
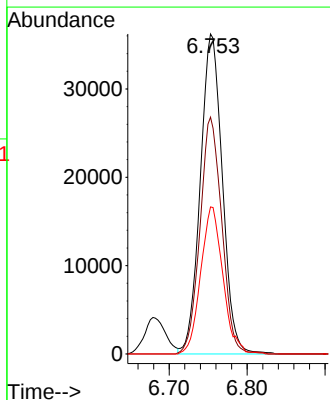
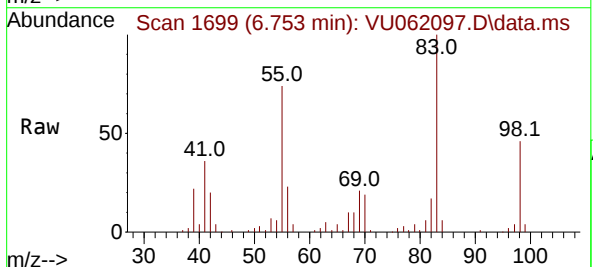
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.9	85.3
132	88.1	63.8	118.4
130	92.3	65.5	121.7

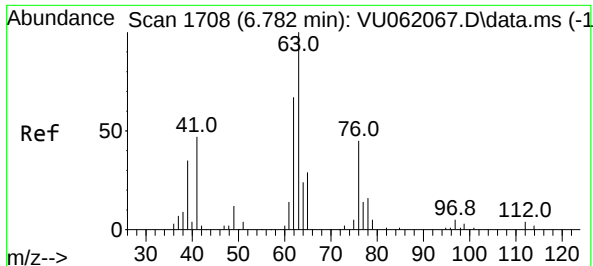


#35
Methylcyclohexane
Concen: 5.078 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 83 Resp: 71332

Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.7	91.1
98	46.2	34.8	52.2

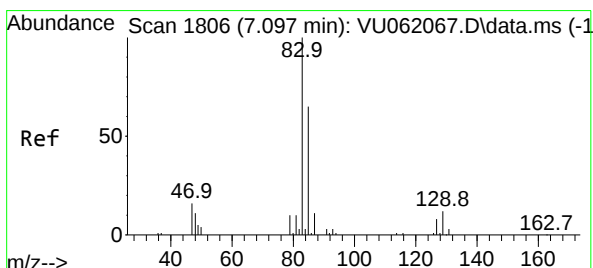
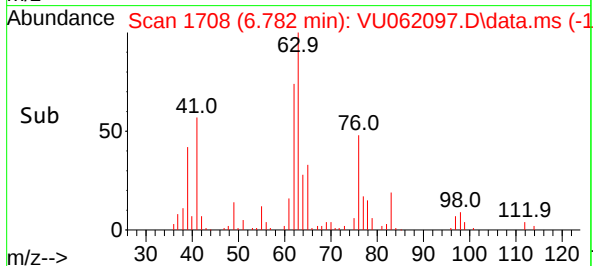
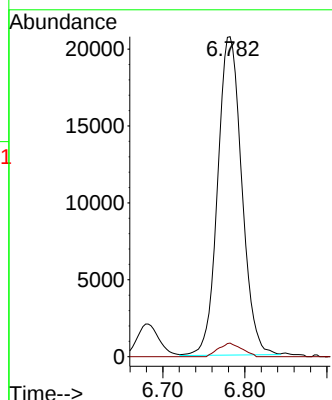
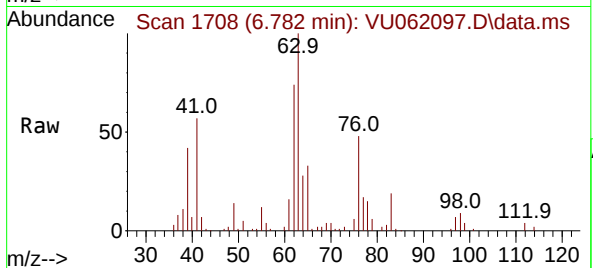




#37
1,2-Dichloropropane
Concen: 4.741 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

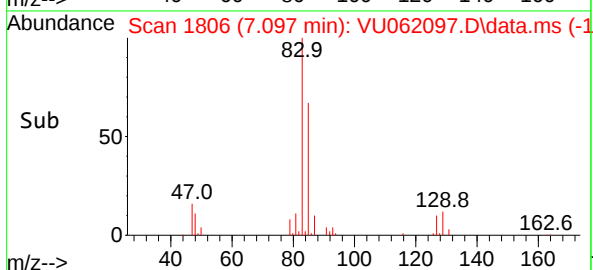
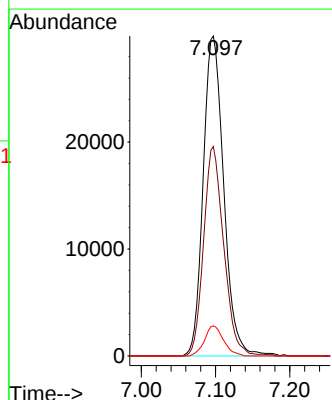
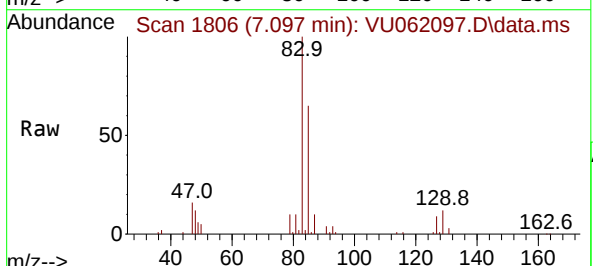
Instrument :
MSVOA_U
ClientSampleId :

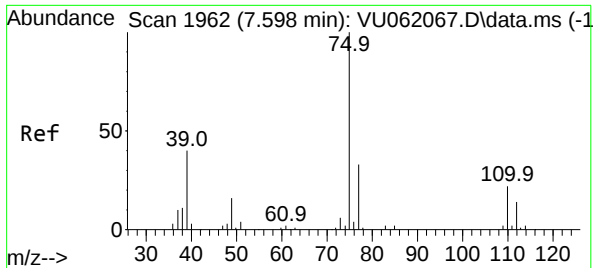
Tgt Ion: 63 Resp: 42377
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.0



#38
Bromodichloromethane
Concen: 5.308 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 83 Resp: 57540
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9
127 9.4 6.9 10.3

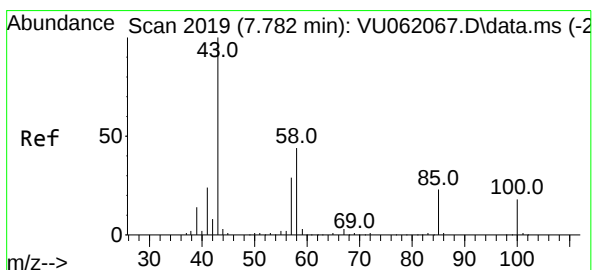
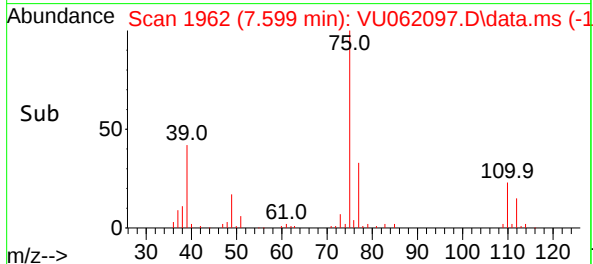
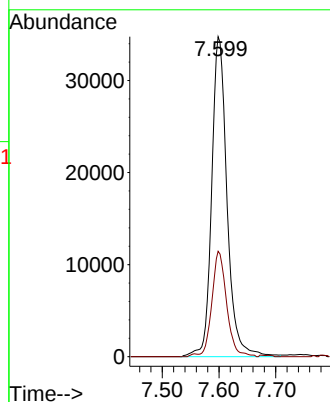
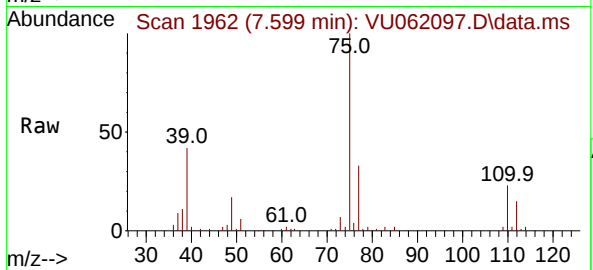




#39
 cis-1,3-Dichloropropene
 Concen: 5.234 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062097.D
 Acq: 05 Dec 2024 14:02

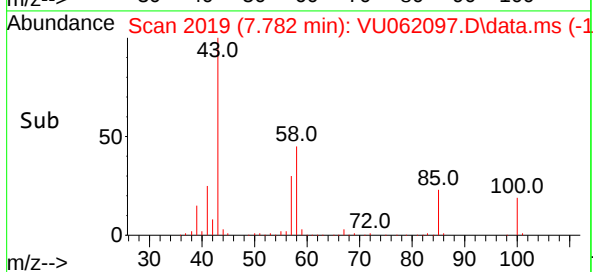
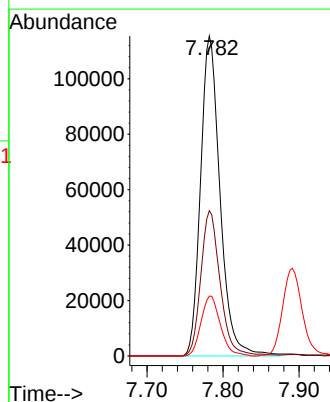
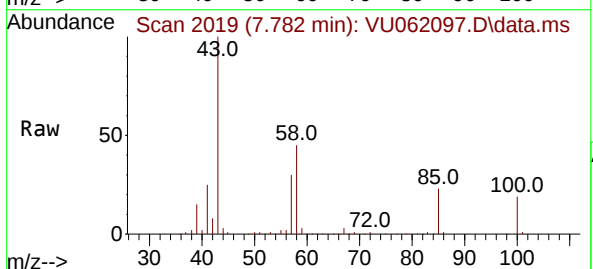
Instrument :
 MSVOA_U
 ClientSampleId :

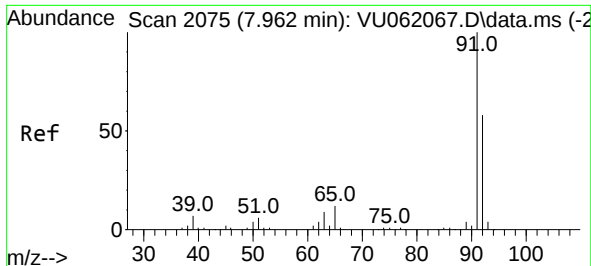
Tgt Ion: 75 Resp: 65592
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 42.614 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062097.D
 Acq: 05 Dec 2024 14:02

Tgt Ion: 43 Resp: 205518
 Ion Ratio Lower Upper
 43 100
 58 45.1 33.3 49.9
 100 18.6 12.4 18.6





#42

Toluene

Concen: 5.134 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

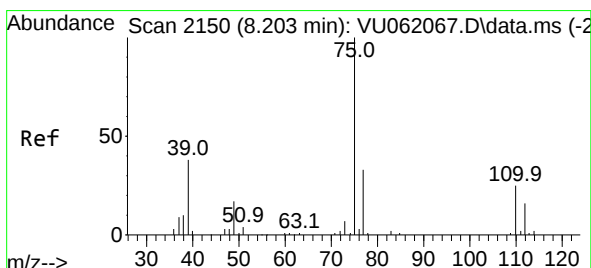
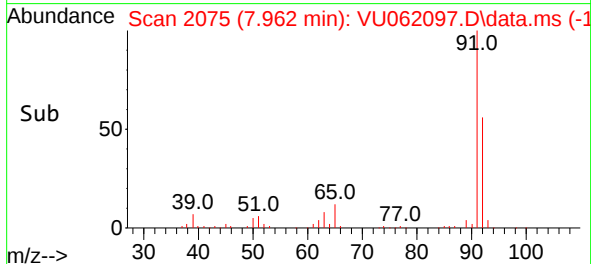
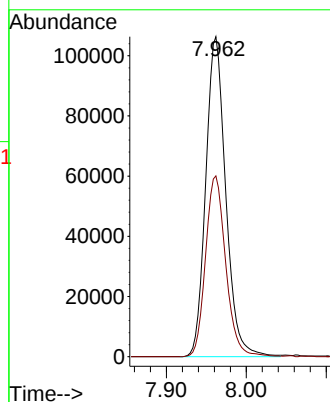
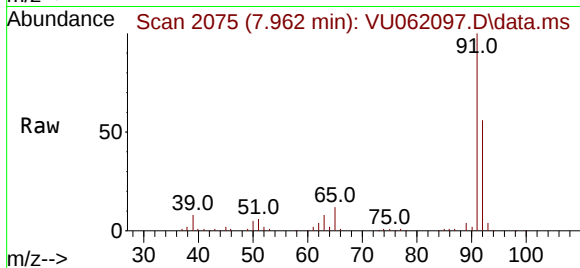
ClientSampleId :

Tgt Ion: 91 Resp: 185358

Ion Ratio Lower Upper

91 100

92 56.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.517 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062097.D

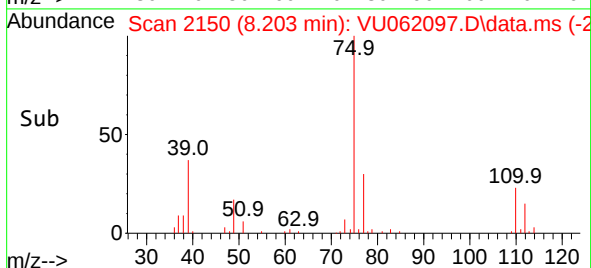
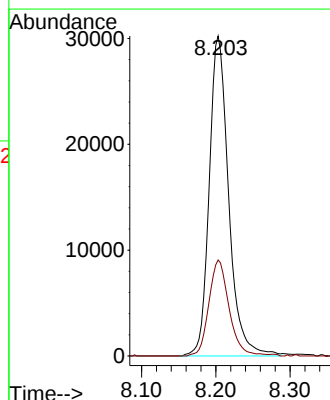
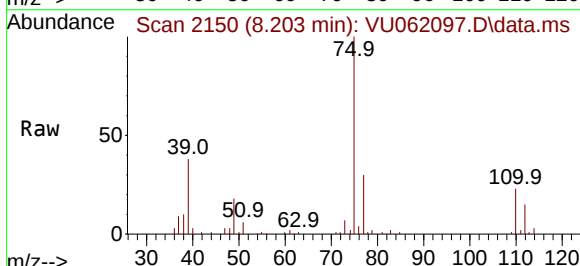
Acq: 05 Dec 2024 14:02

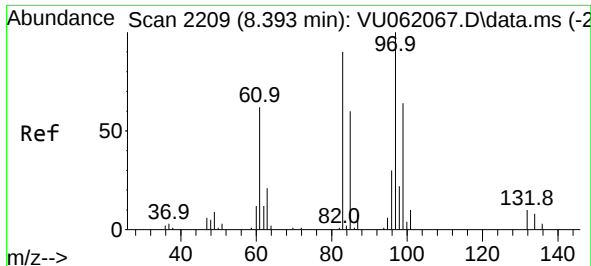
Tgt Ion: 75 Resp: 54911

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.4



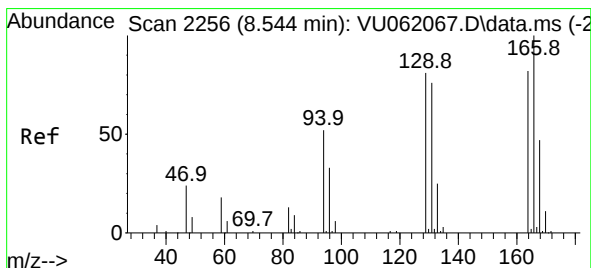
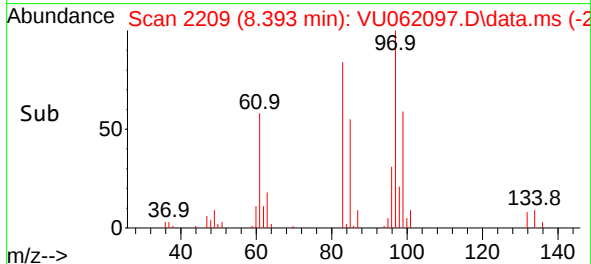
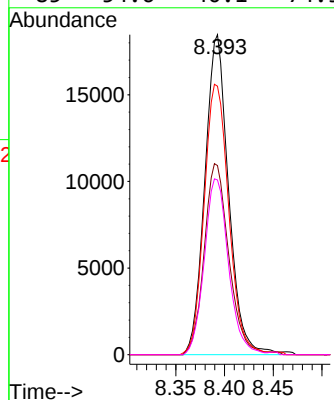
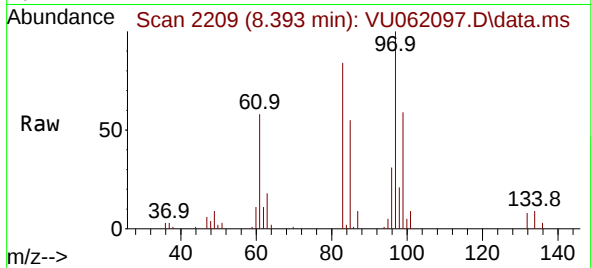


#45
1,1,2-Trichloroethane
Concen: 4.750 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 31280

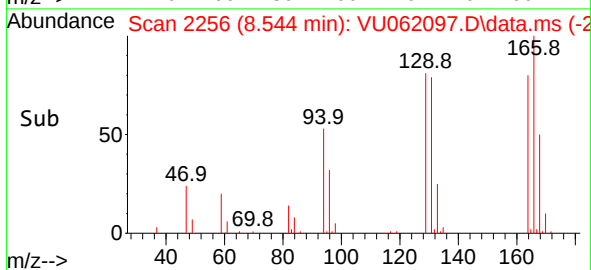
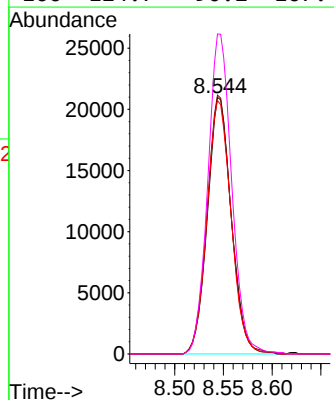
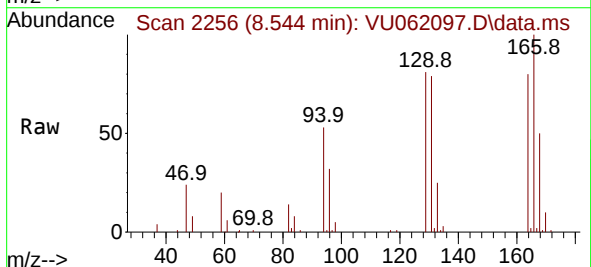
Ion	Ratio	Lower	Upper
97	100		
99	59.1	43.0	79.8
83	83.9	61.7	114.5
85	54.6	40.1	74.5

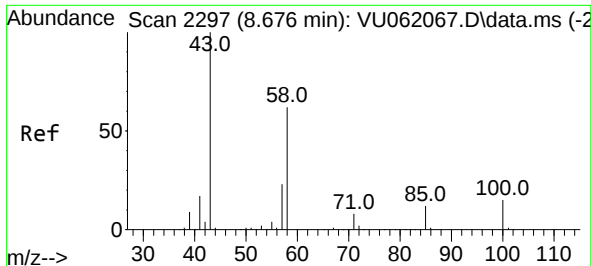


#47
Tetrachloroethene
Concen: 5.360 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion: 164 Resp: 35796

Ion	Ratio	Lower	Upper
164	100		
129	100.9	73.2	136.0
131	98.8	72.3	134.3
166	124.7	90.2	167.4

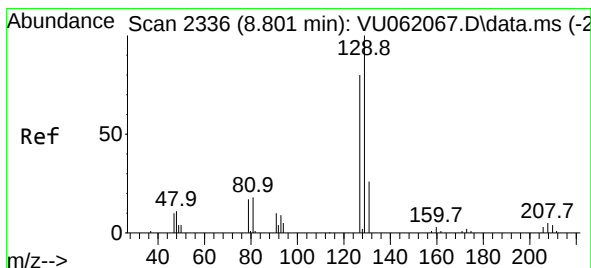
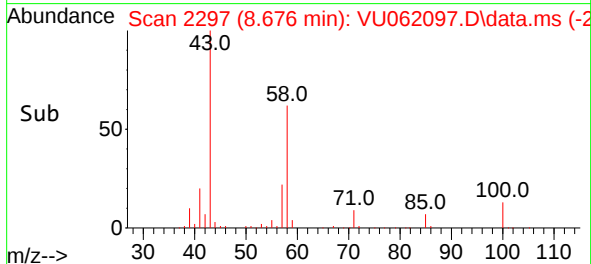
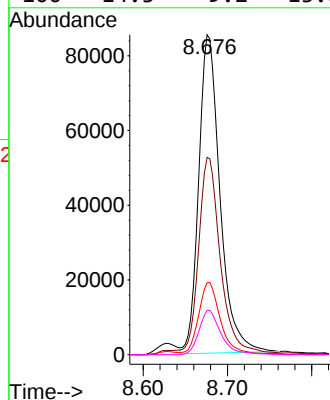
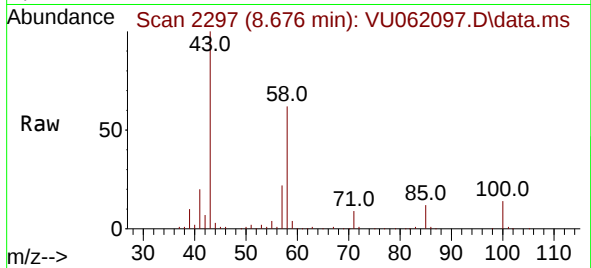




#48
2-Hexanone
Concen: 41.635 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

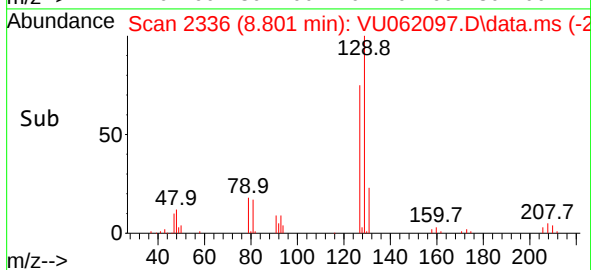
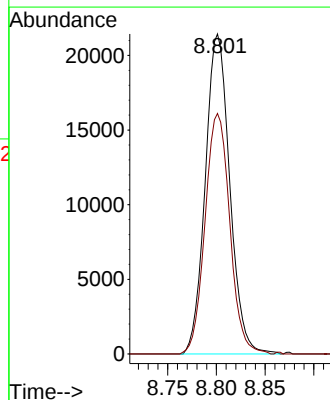
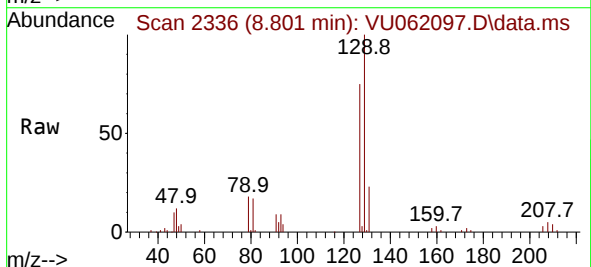
Instrument :
MSVOA_U
ClientSampleId :

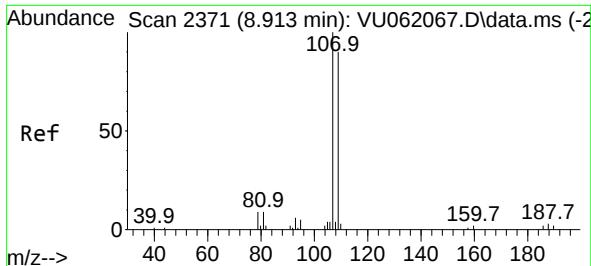
Tgt Ion: 43	Resp: 150377
Ion Ratio	Lower Upper
43 100	
58 61.7	47.5 71.3
57 23.6	15.6 23.4#
100 14.3	9.2 13.8#



#49
Dibromochloromethane
Concen: 5.392 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:129	Resp: 37507		
Ion Ratio	Lower	Upper	
129 100			
127 75.1	51.1	94.9	

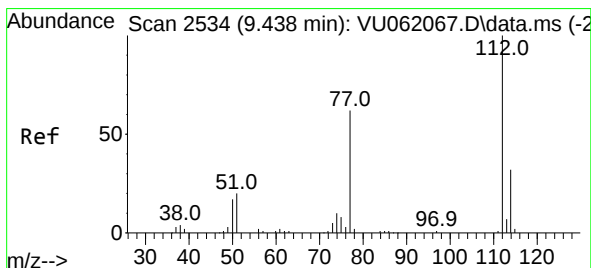
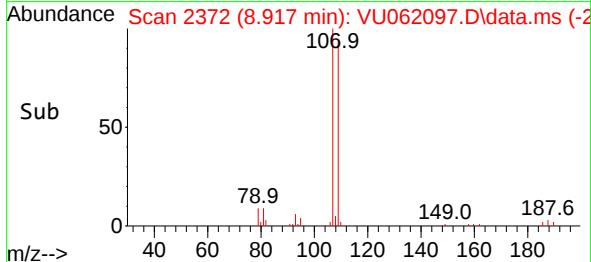
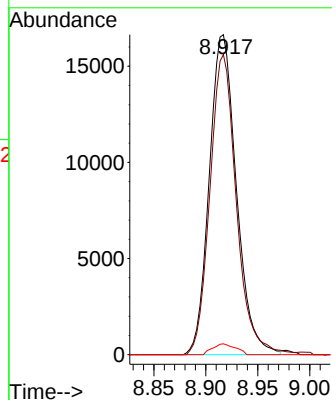
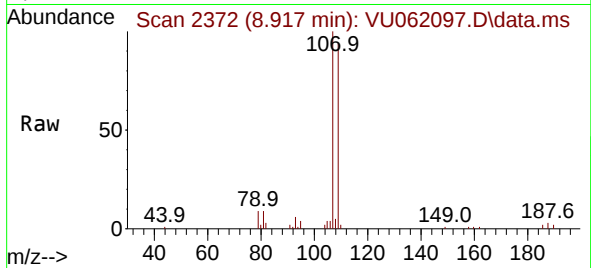




#50
1,2-Dibromoethane
Concen: 4.621 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

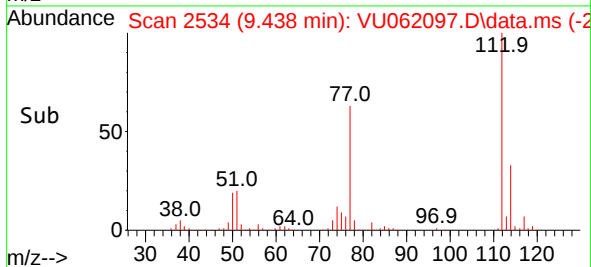
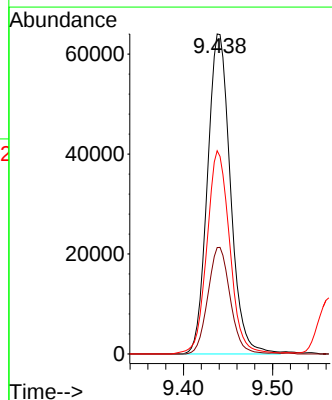
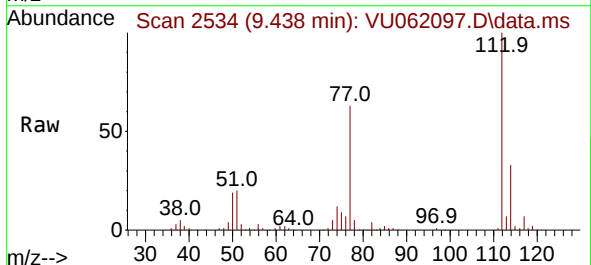
Instrument :
MSVOA_U
ClientSampleId :

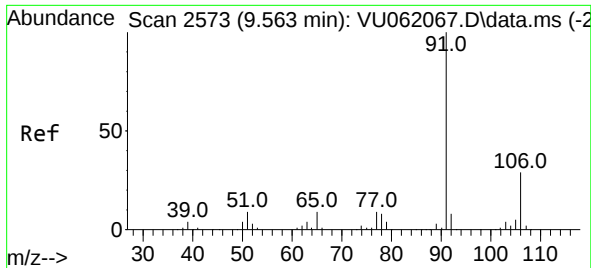
Tgt Ion:107 Resp: 30199
Ion Ratio Lower Upper
107 100
109 93.8 66.8 124.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 4.625 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:112 Resp: 114370
Ion Ratio Lower Upper
112 100
114 33.3 23.0 42.6
77 63.5 50.5 75.7

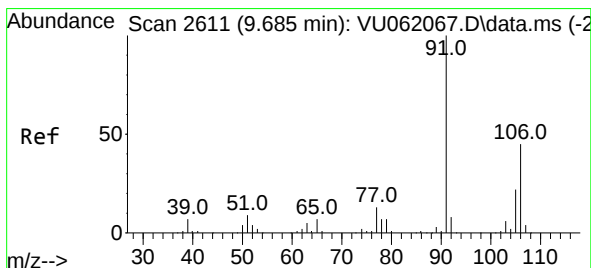
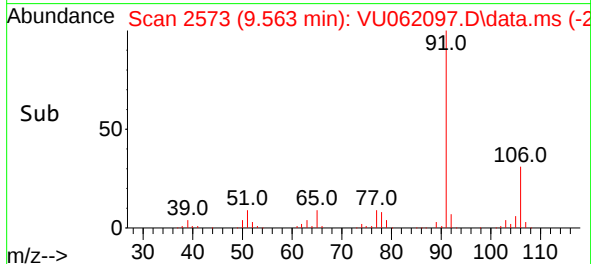
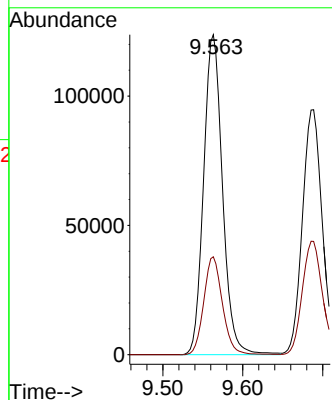
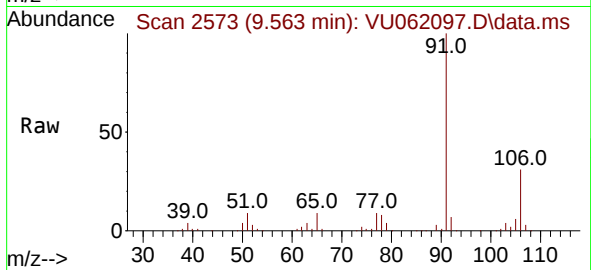




#52
Ethylbenzene
Concen: 4.715 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

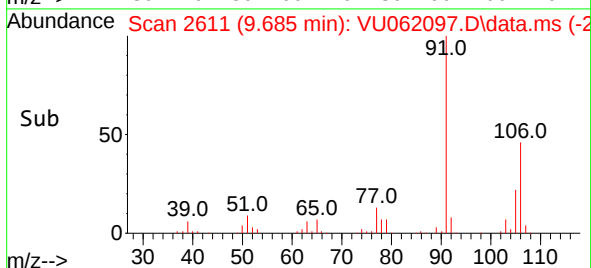
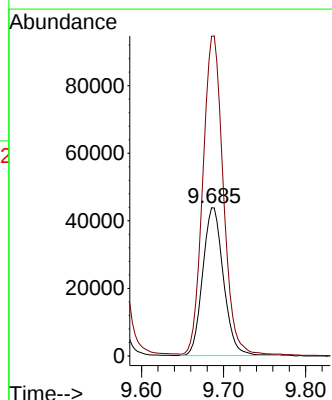
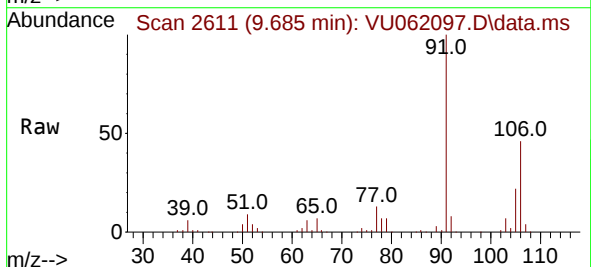
Instrument :
MSVOA_U
ClientSampleId :

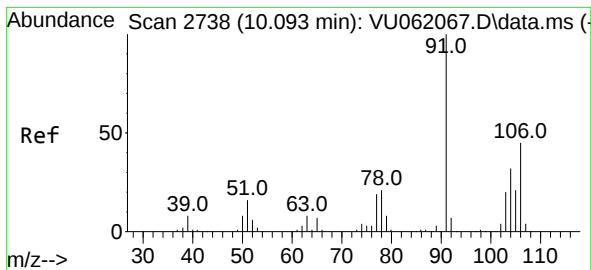
Tgt Ion: 91 Resp: 203723
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 5.048 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:106 Resp: 76956
Ion Ratio Lower Upper
106 100
91 215.7 147.6 274.0





#54

o-Xylene

Concen: 4.804 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

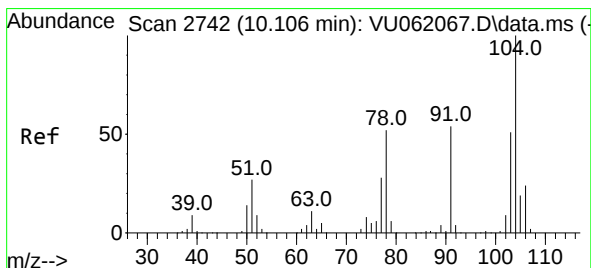
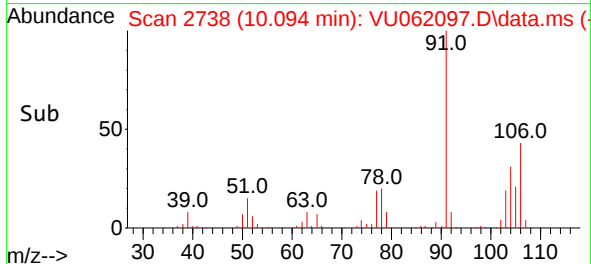
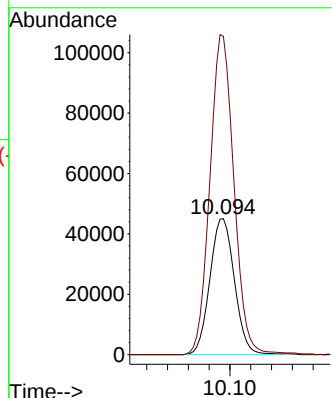
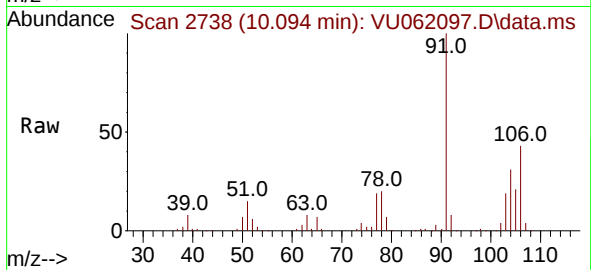
ClientSampleId :

Tgt Ion:106 Resp: 73923

Ion Ratio Lower Upper

106 100

91 234.2 159.8 296.8



#55

Styrene

Concen: 4.964 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062097.D

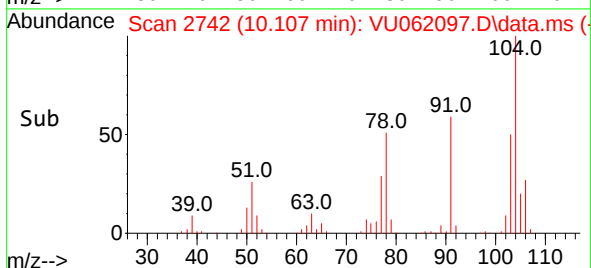
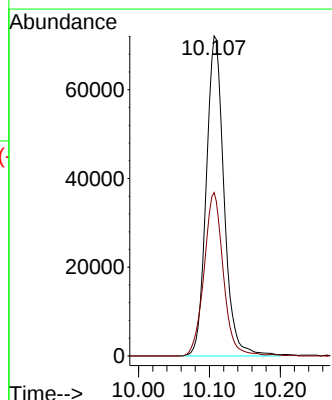
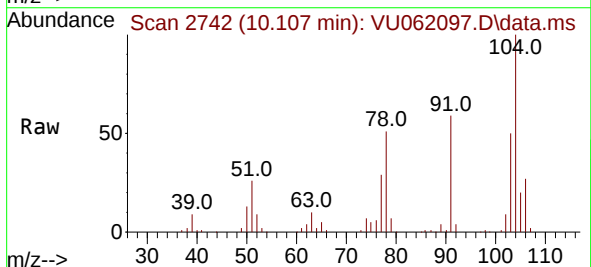
Acq: 05 Dec 2024 14:02

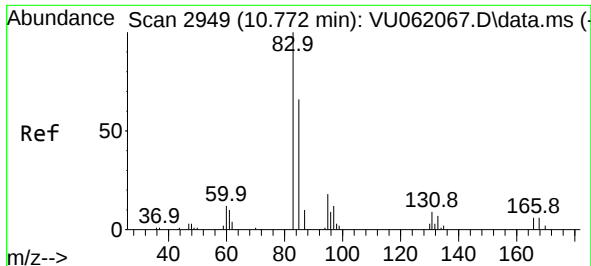
Tgt Ion:104 Resp: 125859

Ion Ratio Lower Upper

104 100

78 51.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.463 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062097.D

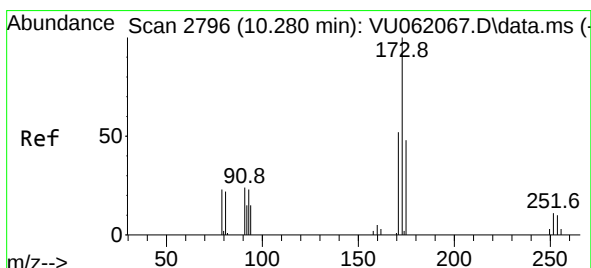
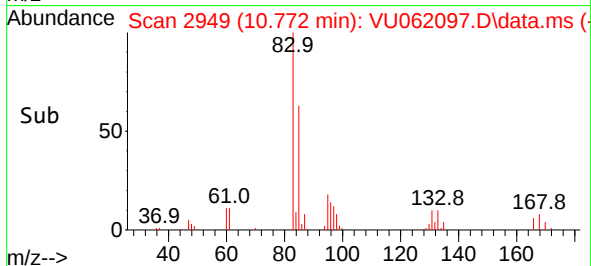
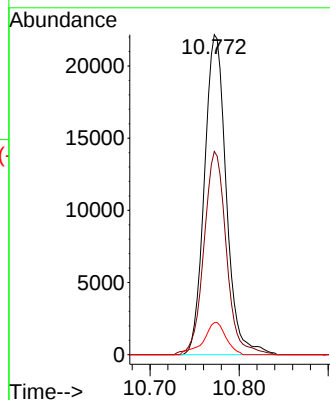
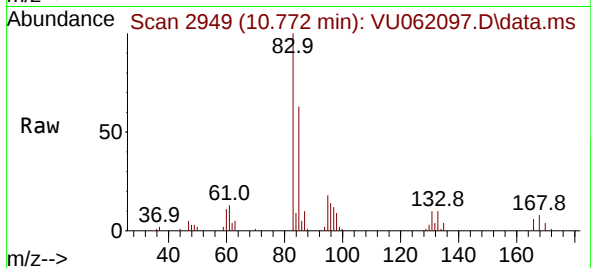
Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	37662
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.4	82.4
131	10.0	7.3	10.9



#59

Bromoform

Concen: 4.775 ug/L

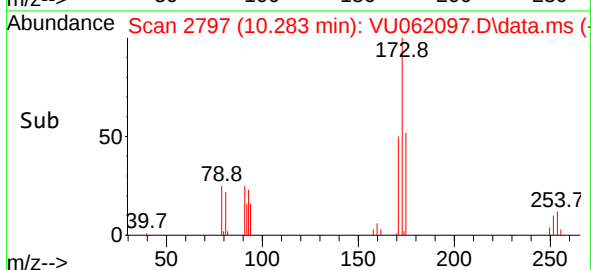
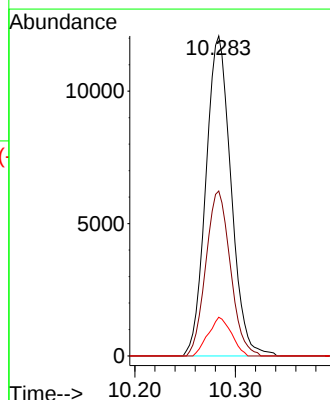
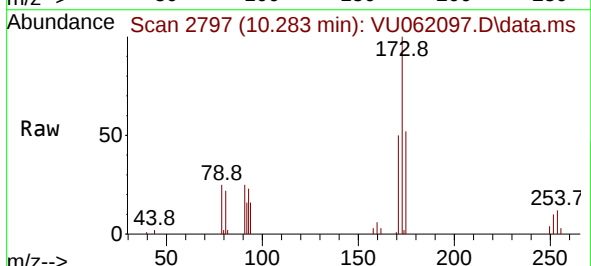
RT: 10.283 min Scan# 2797

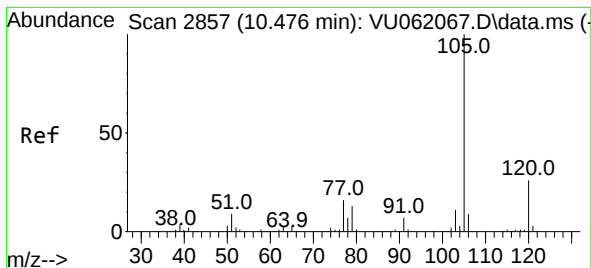
Delta R.T. 0.003 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Tgt Ion:	173	Resp:	20958
Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.0	58.4
254	11.1	7.4	11.0





#60

Isopropylbenzene

Concen: 4.515 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :

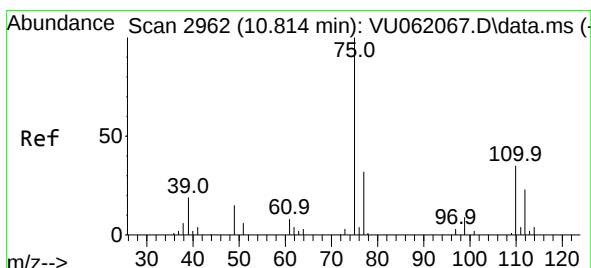
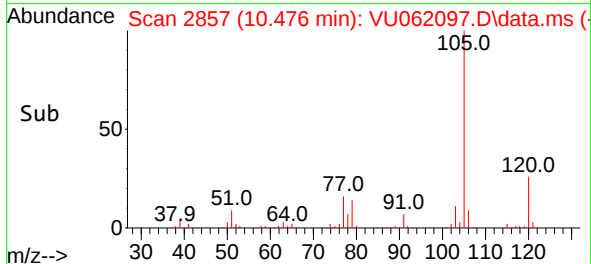
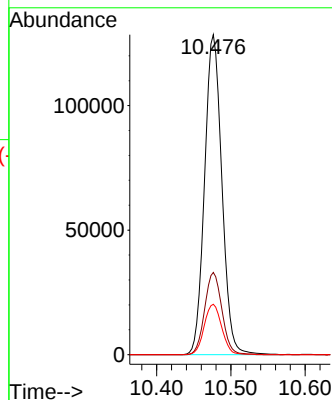
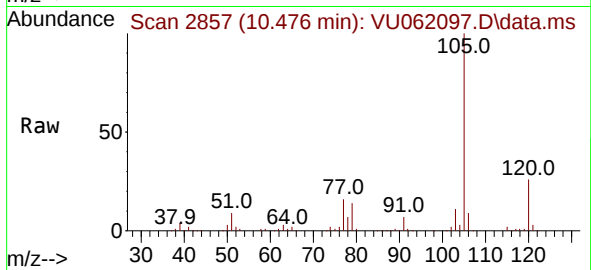
Tgt Ion:105 Resp: 207872

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 3.905 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

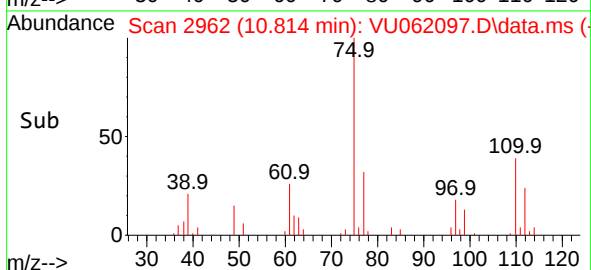
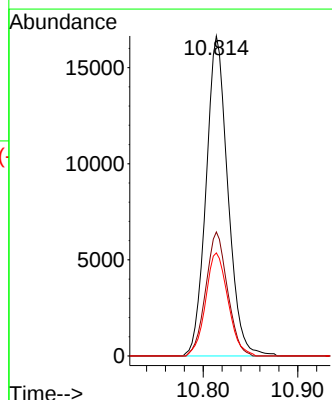
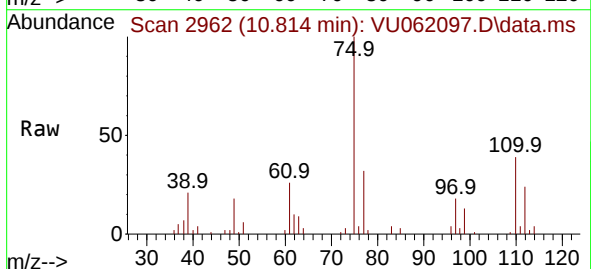
Tgt Ion: 75 Resp: 26659

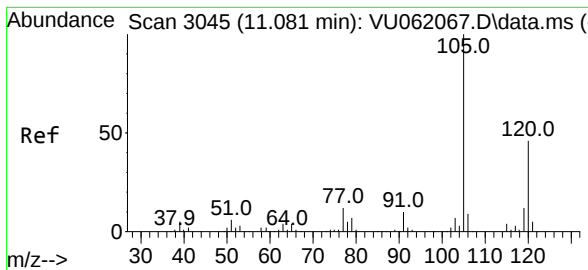
Ion Ratio Lower Upper

75 100

110 38.5 28.9 43.3

77 33.2 26.5 39.7

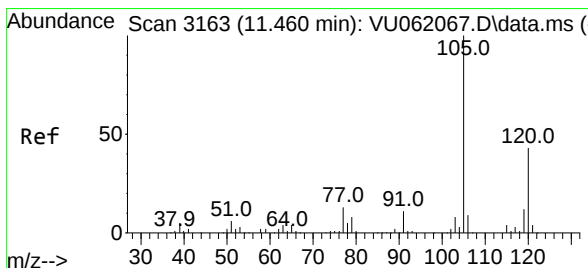
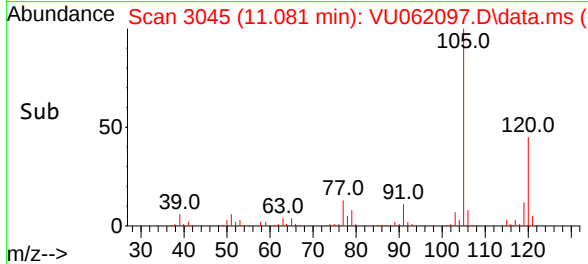
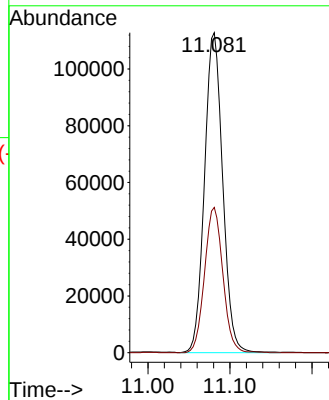
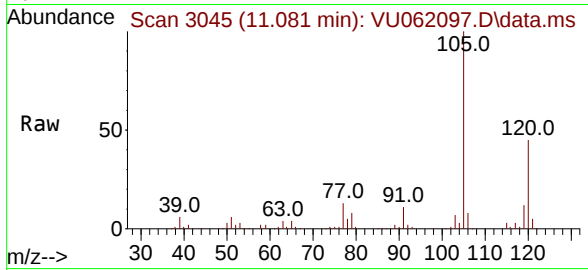




#62
1,3,5-Trimethylbenzene
Concen: 4.726 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

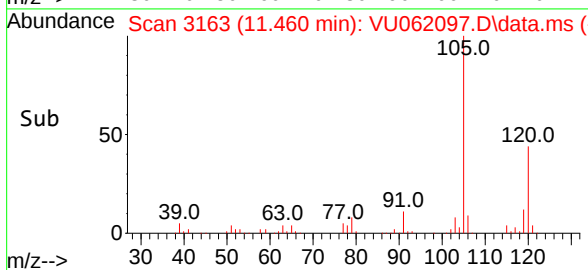
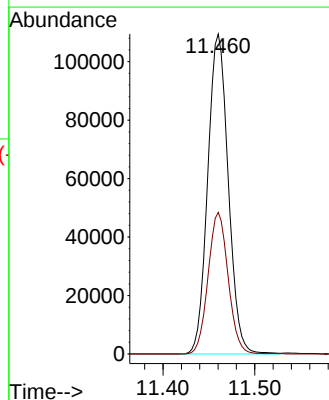
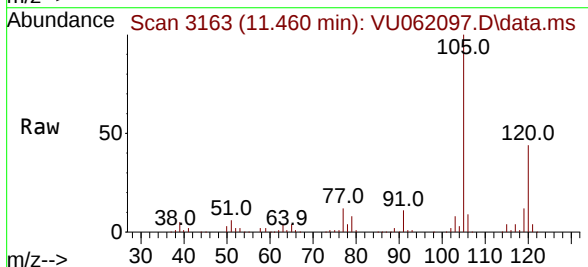
Instrument :
MSVOA_U
ClientSampleId :

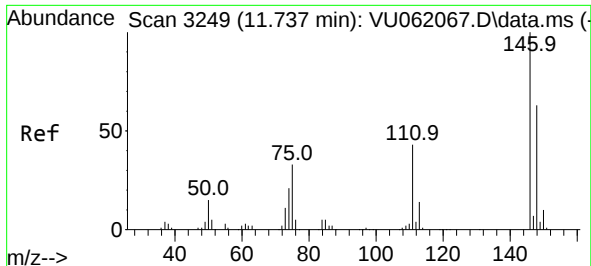
Tgt Ion:105 Resp: 173593
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.646 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:105 Resp: 170120
Ion Ratio Lower Upper
105 100
120 43.2 34.7 52.1

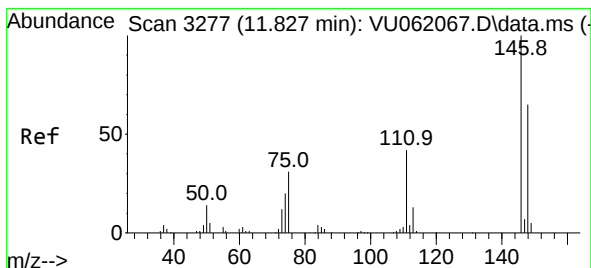
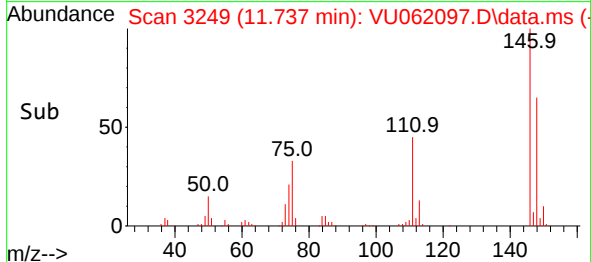
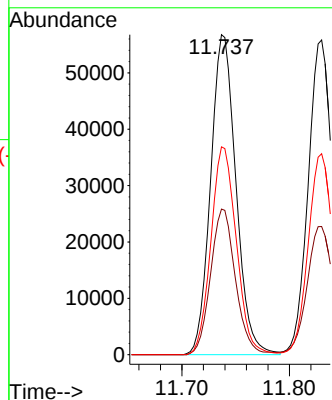
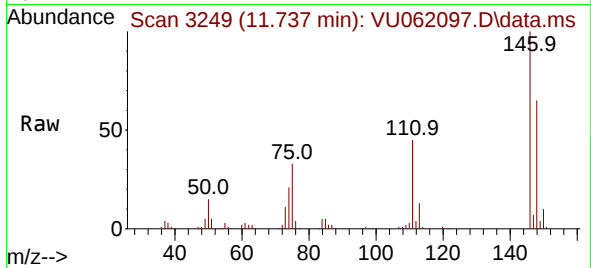




#64
1,3-Dichlorobenzene
Concen: 4.543 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

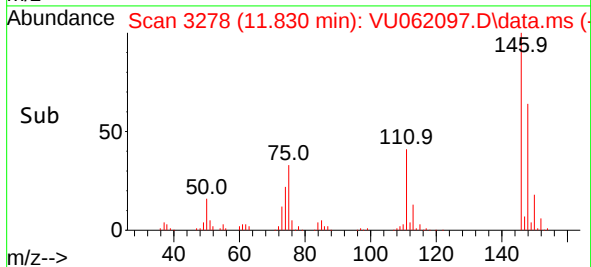
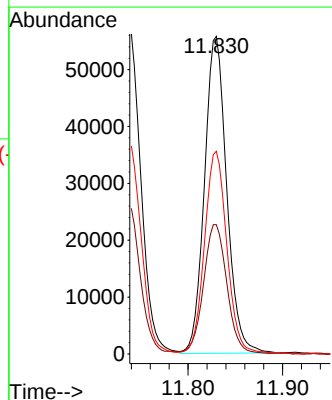
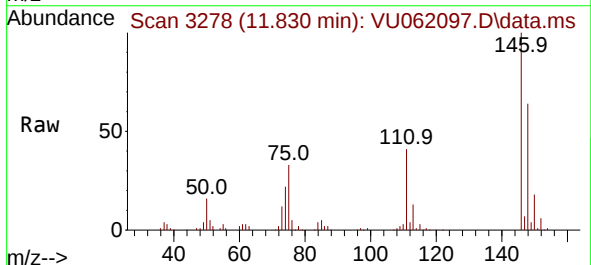
Instrument :
MSVOA_U
ClientSampleId :

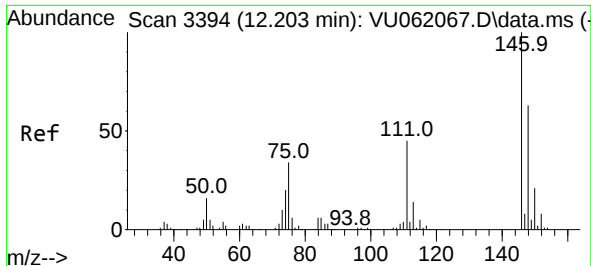
Tgt Ion:146 Resp: 92857
Ion Ratio Lower Upper
146 100
111 45.5 30.7 57.1
148 64.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.609 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:146 Resp: 91183
Ion Ratio Lower Upper
146 100
111 40.7 29.3 54.3
148 63.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.726 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :

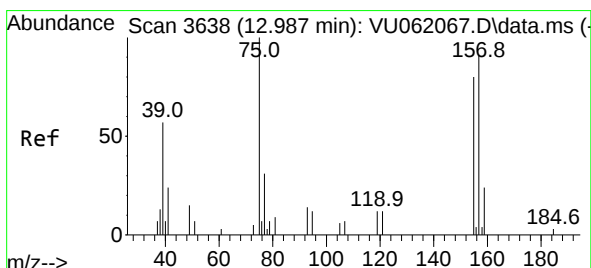
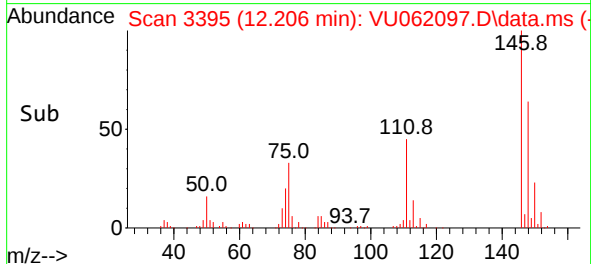
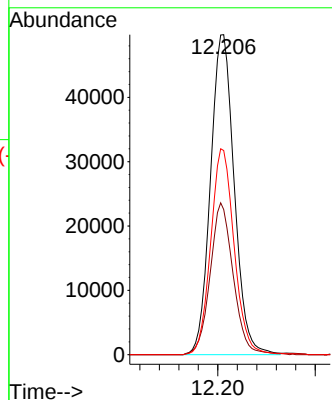
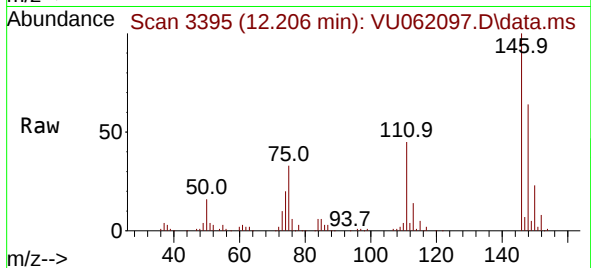
Tgt Ion:146 Resp: 83999

Ion Ratio Lower Upper

146 100

111 45.3 36.0 54.0

148 63.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.188 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

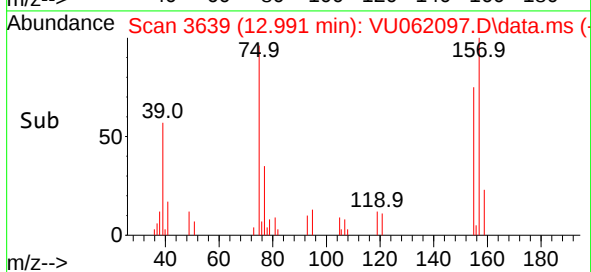
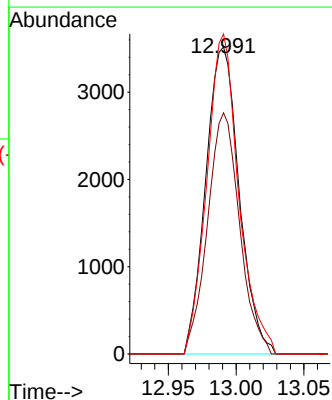
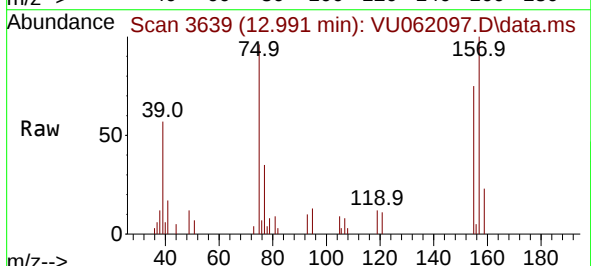
Tgt Ion: 75 Resp: 6044

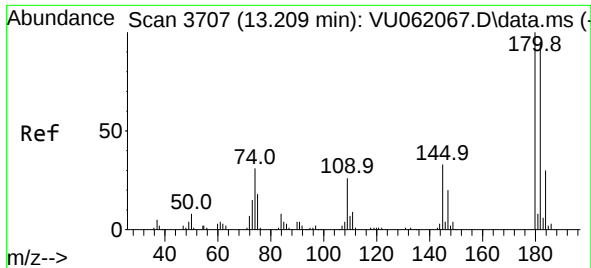
Ion Ratio Lower Upper

75 100

155 78.6 55.2 82.8

157 104.2 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.576 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

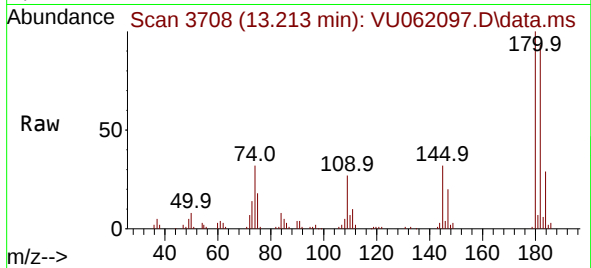
Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 67818

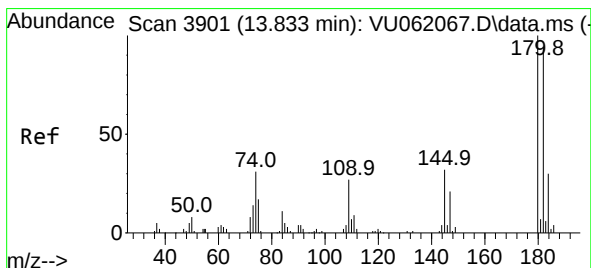
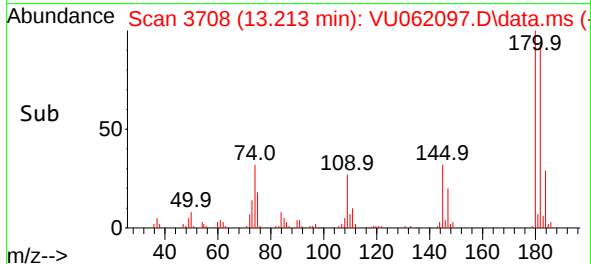
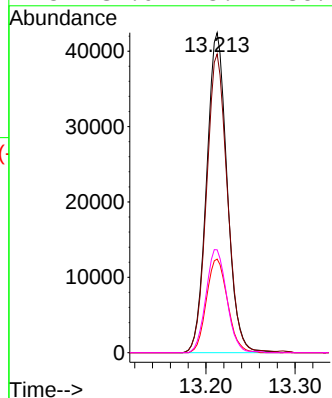
Ion Ratio Lower Upper

180 100

182 94.7 76.7 115.1

184 30.2 24.8 37.2

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.634 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062097.D

Acq: 05 Dec 2024 14:02

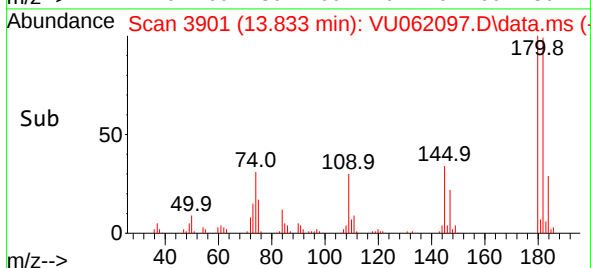
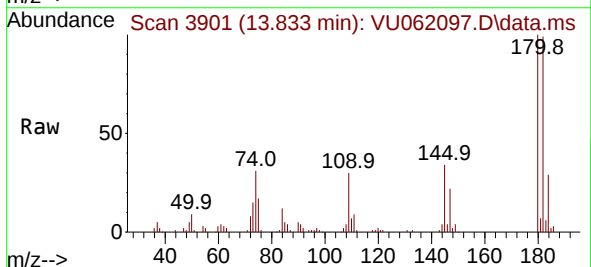
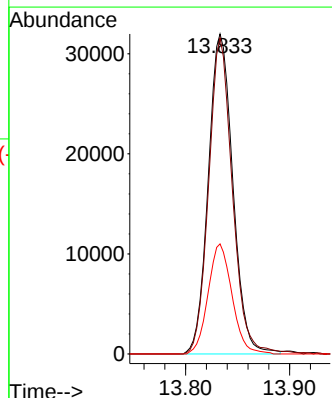
Tgt Ion:180 Resp: 52515

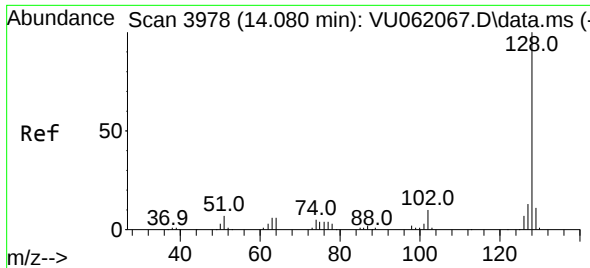
Ion Ratio Lower Upper

180 100

182 95.4 74.5 111.7

145 33.5 25.6 38.4

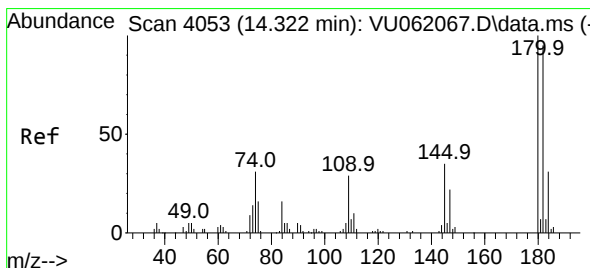
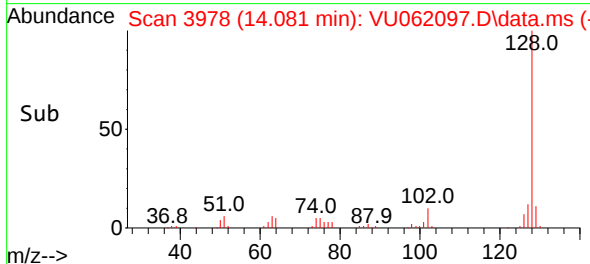
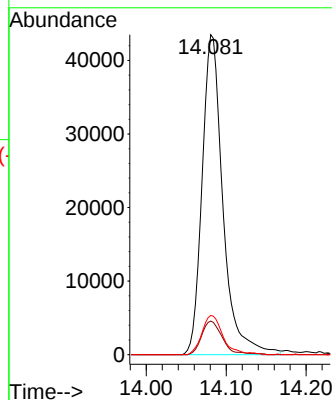
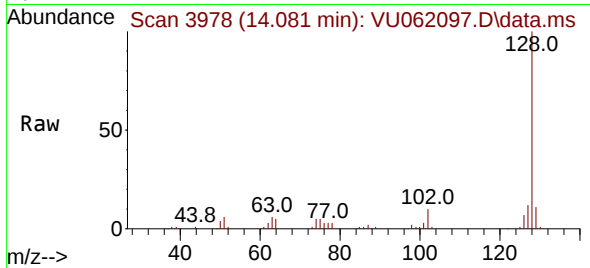




#71
Naphthalene
Concen: 5.251 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 78888
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.629 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062097.D
Acq: 05 Dec 2024 14:02

Tgt Ion:180 Resp: 45184
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
145 34.9 27.4 41.0

