

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062251.D
 Acq On : 11 Dec 2024 19:25
 Operator : MD/SY
 Sample : P5251-12MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:30:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24450	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	20187	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	12153	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.631	46	64946	51.024	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.055	84	66295	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	35068	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.718	84	117927	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	34887	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.888	98	109471	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	15142	4.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.624	63	49268	48.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30316	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	42327	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45384	4.920	ug/L	97
3) Chloromethane	1.515	50	34219	4.733	ug/L	97
5) Vinyl chloride	1.599	62	36248	4.816	ug/L	100
6) Bromomethane	1.853	94	23432	4.670	ug/L	93
8) Chloroethane	1.930	64	20957	4.971	ug/L	97
9) Trichlorofluoromethane	2.133	101	65114	4.984	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33262	4.677	ug/L	90
12) 1,1-Dichloroethene	2.573	96	36844	5.542	ug/L	96
13) Acetone	2.647	43	52328	60.380	ug/L	99
14) Carbon disulfide	2.785	76	95642	4.549	ug/L	99
15) Methyl Acetate	2.952	43	10213	4.702	ug/L	90
16) Methylene chloride	3.036	84	35494	5.086	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	82967	5.010	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	34145	4.999	ug/L	93
19) 1,1-Dichloroethane	3.859	63	62509	4.993	ug/L	96
21) 2-Butanone	4.708	43	68235	54.216	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	38701	5.055	ug/L	98
23) Bromochloromethane	4.965	128	17876	5.326	ug/L	# 79
25) Chloroform	5.078	83	72904	5.169	ug/L	99

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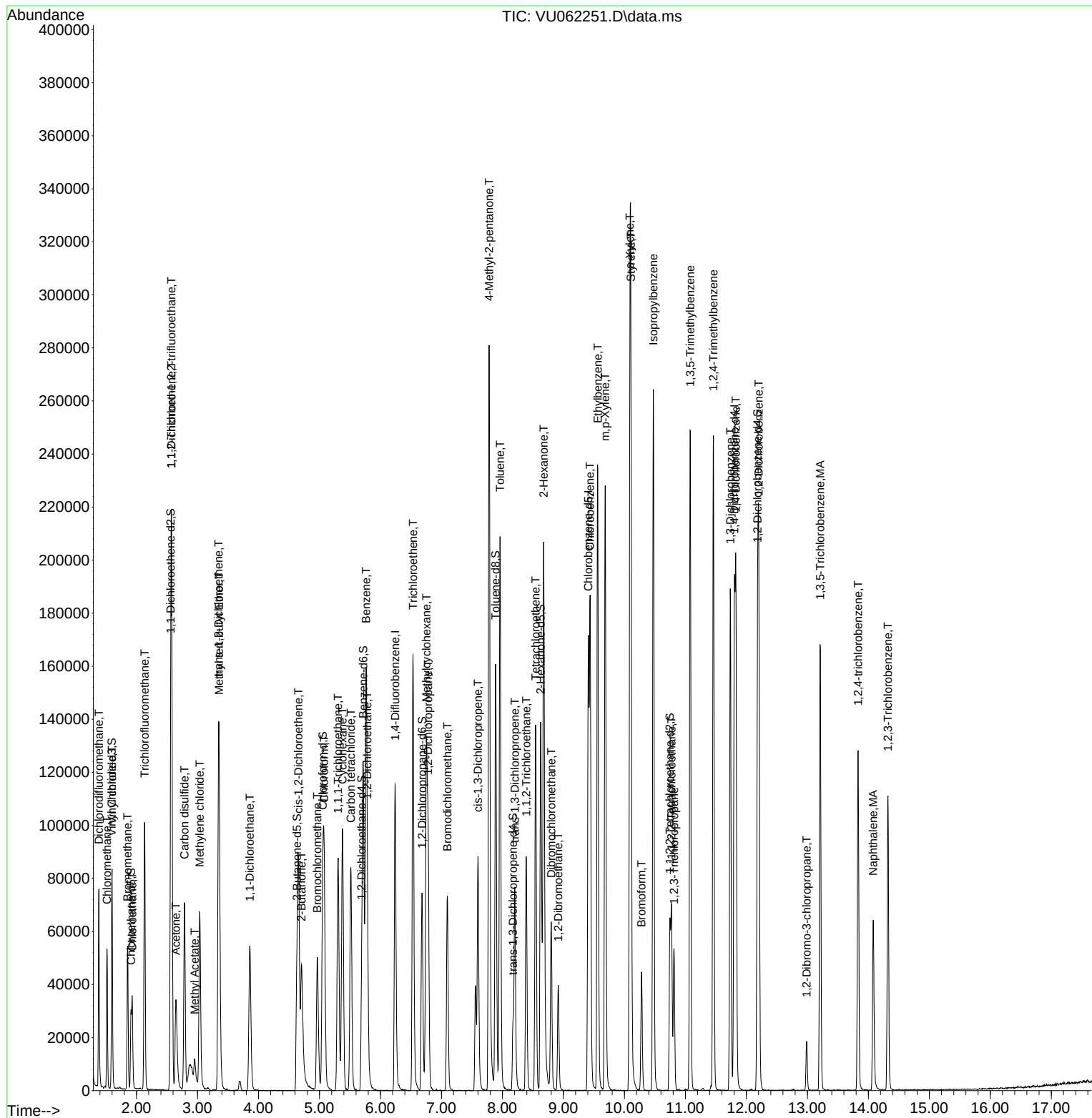
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45673	5.096	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	68021	5.164	ug/L	95
30) Cyclohexane	5.377	56	47887	4.484	ug/L	93
31) Carbon tetrachloride	5.515	117	61614	5.101	ug/L	98
33) Benzene	5.766	78	143727	4.953	ug/L	100
34) Trichloroethene	6.534	95	57939	7.049	ug/L	98
35) Methylcyclohexane	6.753	83	52209	4.284	ug/L	95
37) 1,2-Dichloropropane	6.782	63	35288	4.994	ug/L	100
38) Bromodichloromethane	7.097	83	50391	5.055	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	55748	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	169512	51.186	ug/L #	92
42) Toluene	7.962	91	156862	5.013	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	46690	5.048	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	27674	5.188	ug/L	96
47) Tetrachloroethene	8.544	164	30822	4.857	ug/L	96
48) 2-Hexanone	8.676	43	124647	50.930	ug/L #	94
49) Dibromochloromethane	8.801	129	34359	5.331	ug/L	95
50) 1,2-Dibromoethane	8.917	107	26595	5.188	ug/L #	98
51) Chlorobenzene	9.438	112	101078	5.042	ug/L	97
52) Ethylbenzene	9.563	91	171947	4.902	ug/L	99
53) m,p-Xylene	9.685	106	65422	5.051	ug/L	100
54) o-Xylene	10.090	106	62947	4.997	ug/L	99
55) Styrene	10.106	104	104565	5.036	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	31942	5.145	ug/L	99
59) Bromoform	10.280	173	20622	5.334	ug/L	99
60) Isopropylbenzene	10.476	105	171671	4.830	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23018	5.059	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	140764	4.680	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	138648	4.705	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	78857	4.830	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	75855	4.614	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	72970	4.836	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5434	5.476	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	54782	4.514	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41366	4.317	ug/L	98
71) Naphthalene	14.081	128	58888	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36041	4.265	ug/L	100

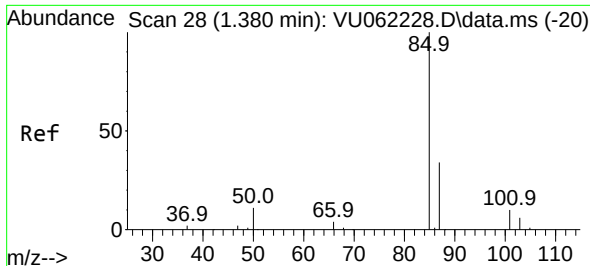
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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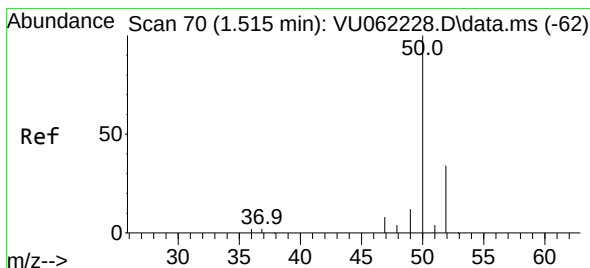
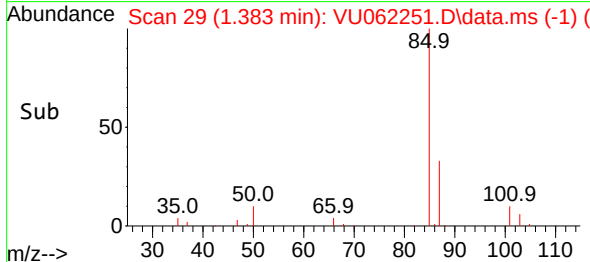
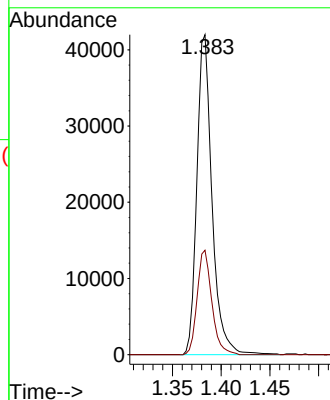
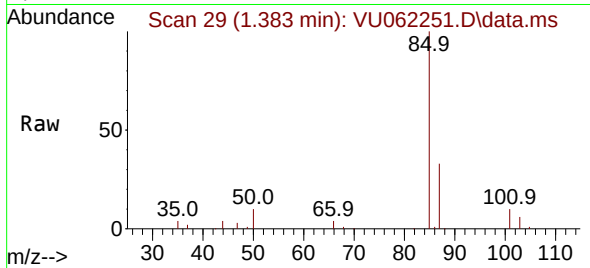




#2
Dichlorodifluoromethane
Concen: 4.920 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

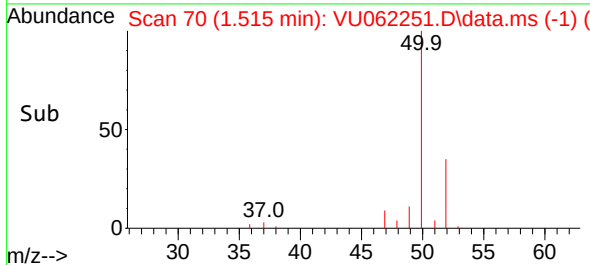
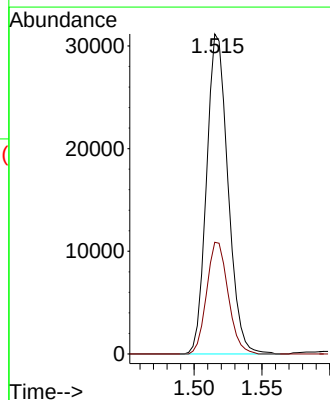
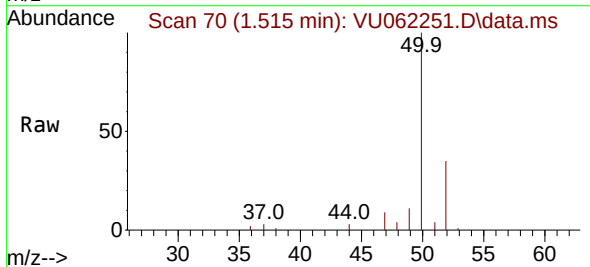
Instrument :
MSVOA_U
ClientSampleId :

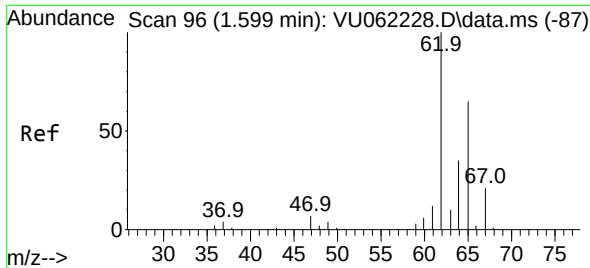
Tgt Ion: 85 Resp: 45384
Ion Ratio Lower Upper
85 100
87 31.6 26.6 40.0



#3
Chloromethane
Concen: 4.733 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

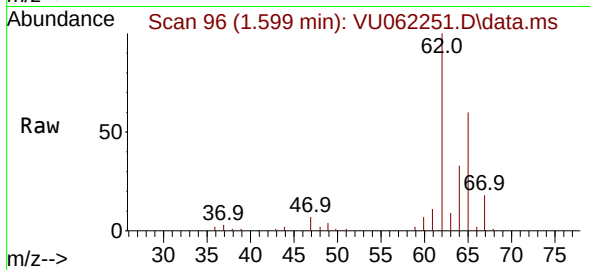
Tgt Ion: 50 Resp: 34219
Ion Ratio Lower Upper
50 100
52 34.9 23.1 42.9



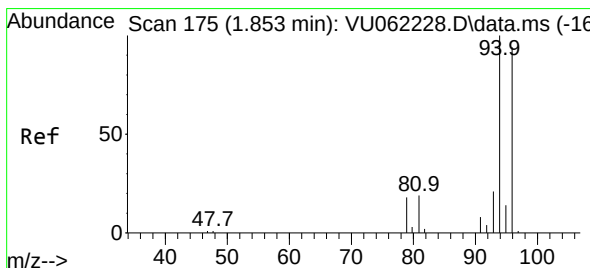
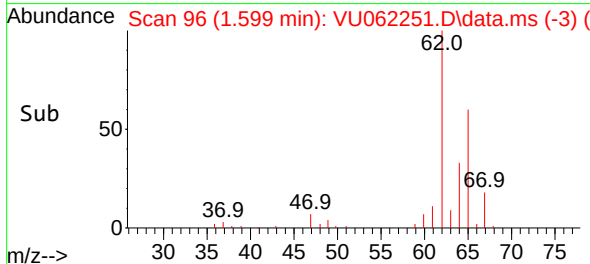
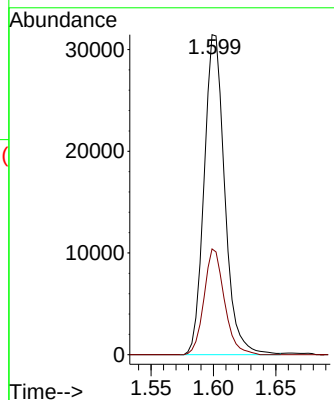


#5
 Vinyl chloride
 Concen: 4.816 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

Instrument :
 MSVOA_U
 ClientSampleId :

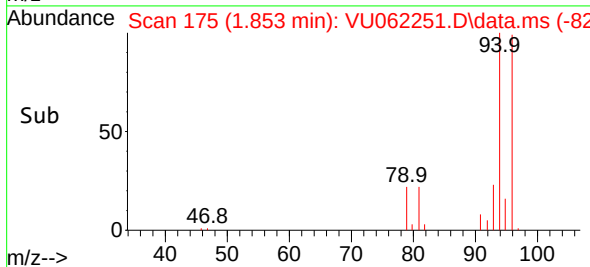
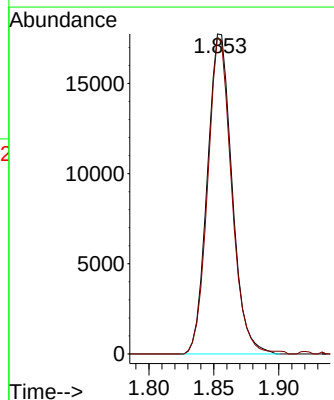
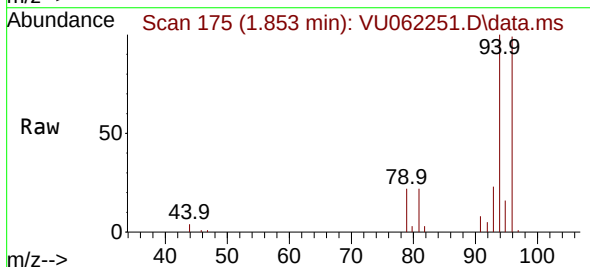


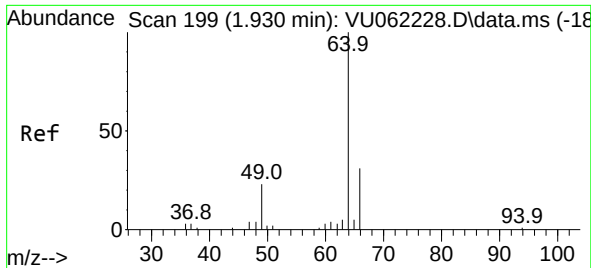
Tgt Ion: 62 Resp: 36248
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.670 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

Tgt Ion: 94 Resp: 23432
 Ion Ratio Lower Upper
 94 100
 96 99.1 64.5 119.9

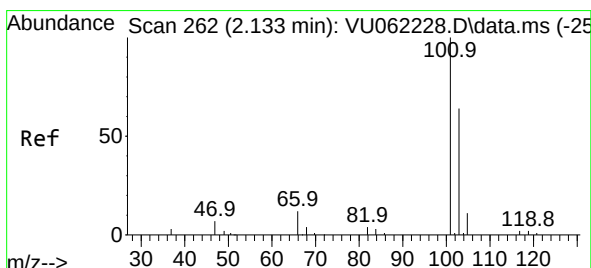
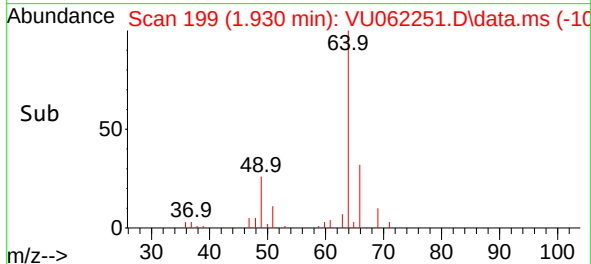
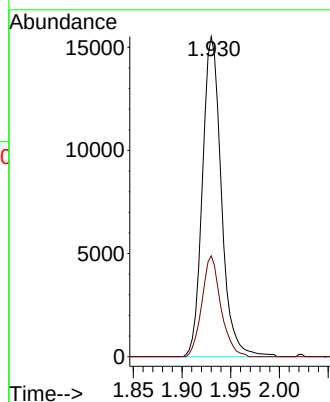
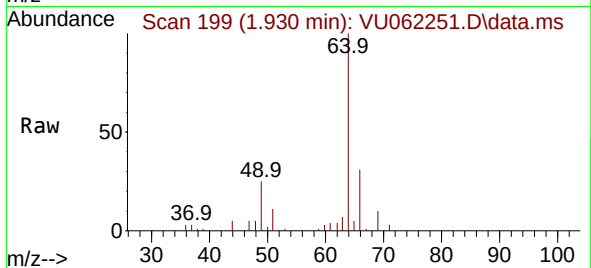




#8
Chloroethane
Concen: 4.971 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

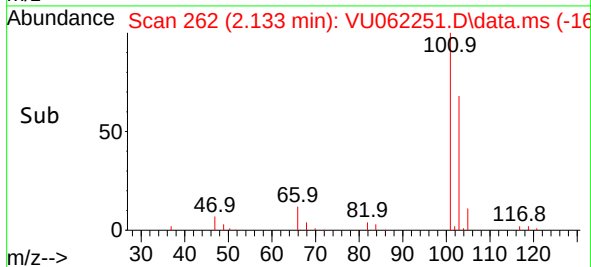
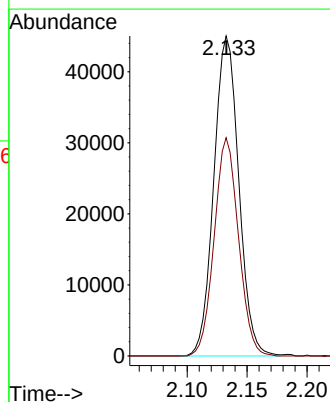
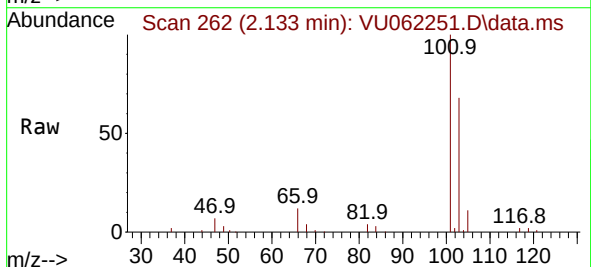
Instrument :
MSVOA_U
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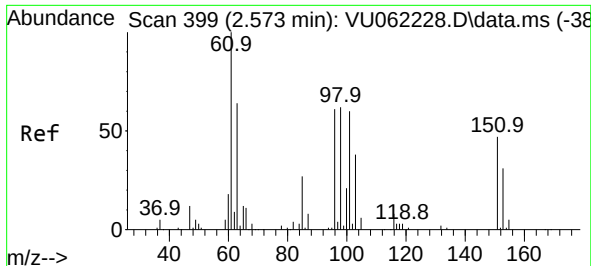
Tgt Ion: 64 Resp: 20957
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.984 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion:101 Resp: 65114
Ion Ratio Lower Upper
101 100
103 66.4 50.6 75.8

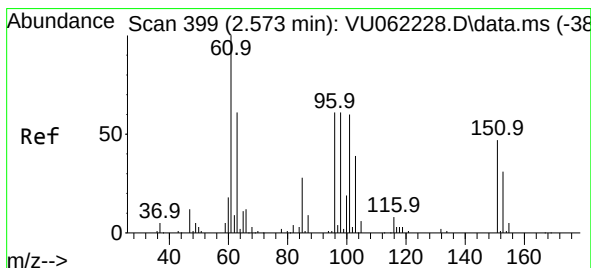
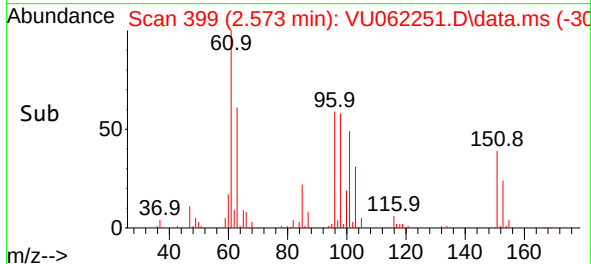
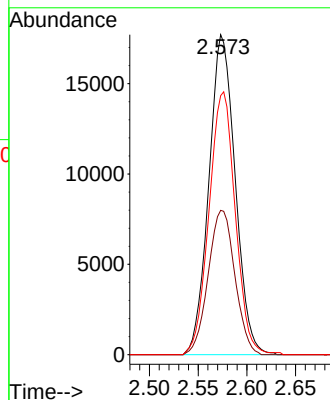
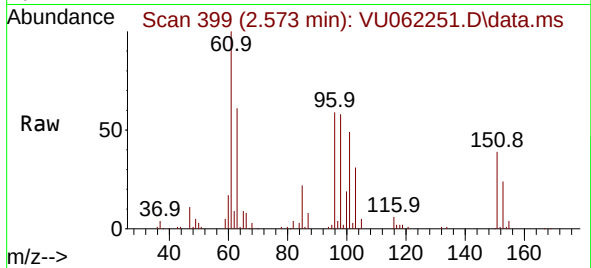




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.677 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

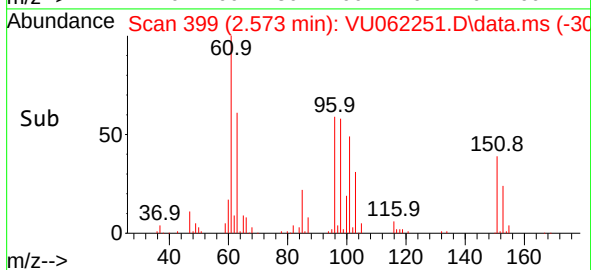
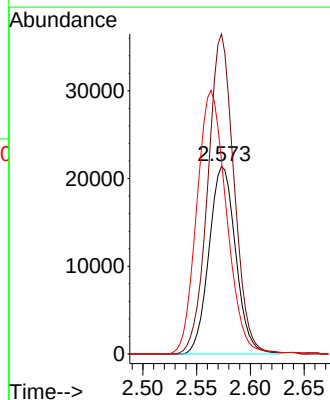
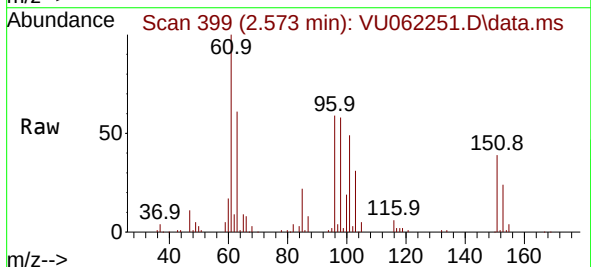
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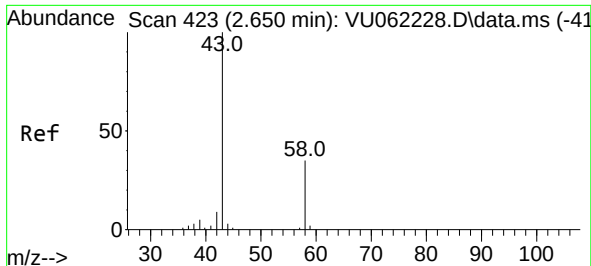
Tgt Ion:101 Resp: 33262
 Ion Ratio Lower Upper
 101 100
 85 45.8 38.0 57.0
 151 81.9 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.542 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

Tgt Ion: 96 Resp: 36844
 Ion Ratio Lower Upper
 96 100
 61 170.6 119.6 222.2
 63 103.3 65.0 120.6





#13

Acetone

Concen: 60.380 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

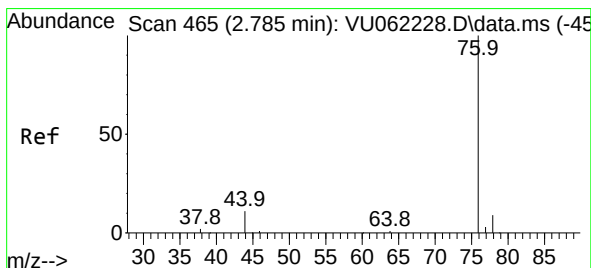
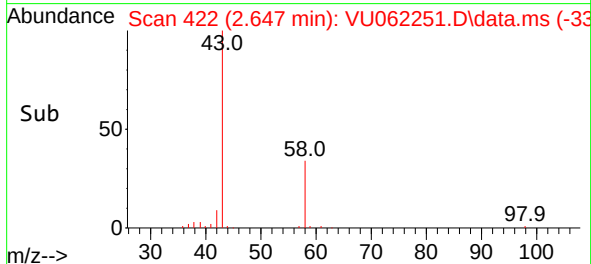
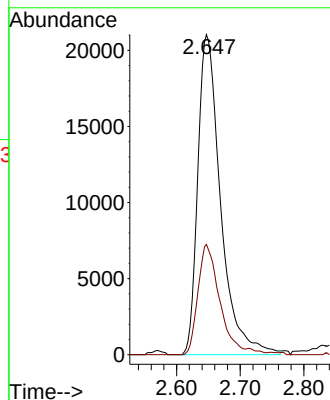
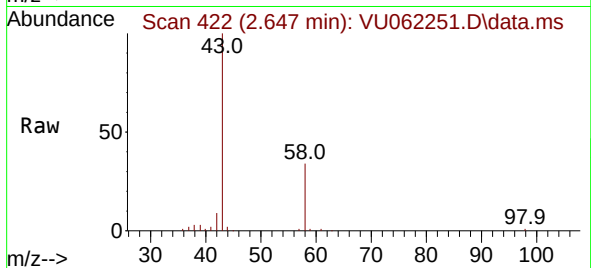
ClientSampleId :

Tgt Ion: 43 Resp: 52328

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 4.549 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

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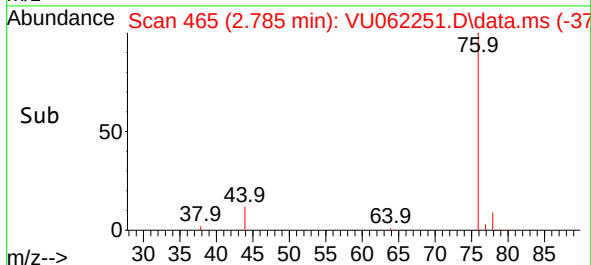
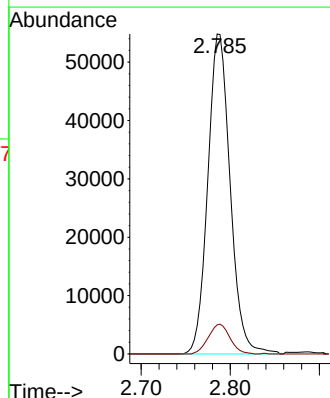
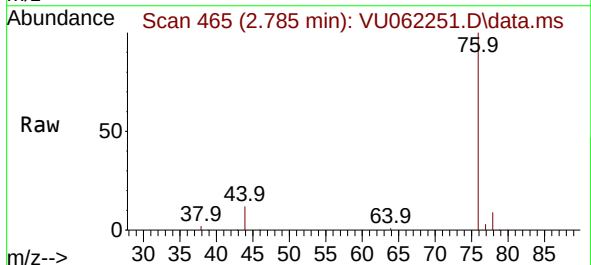
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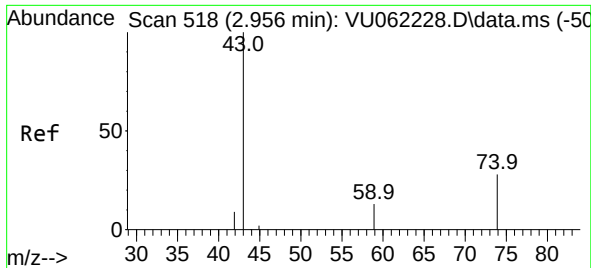
Tgt Ion: 76 Resp: 95642

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

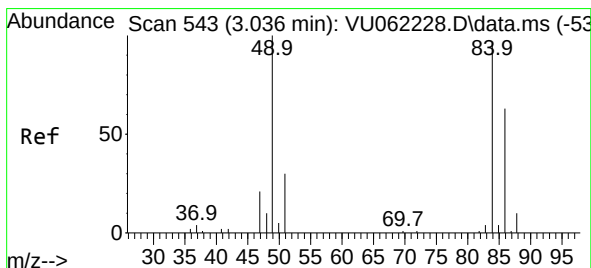
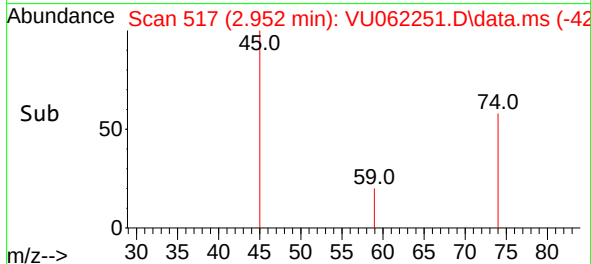
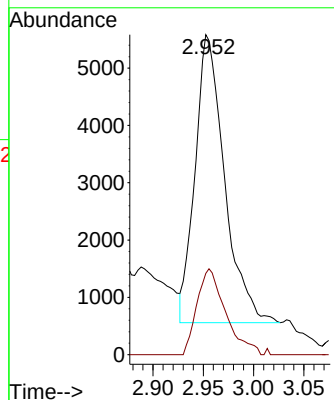
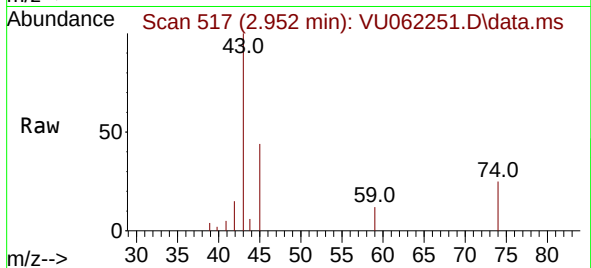




#15
Methyl Acetate
Concen: 4.702 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

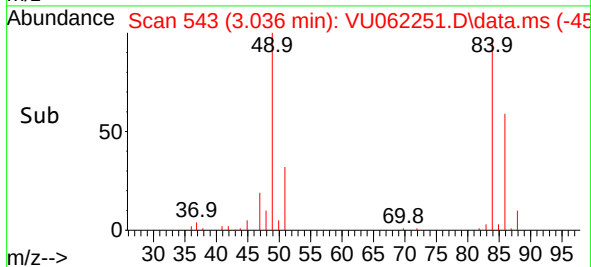
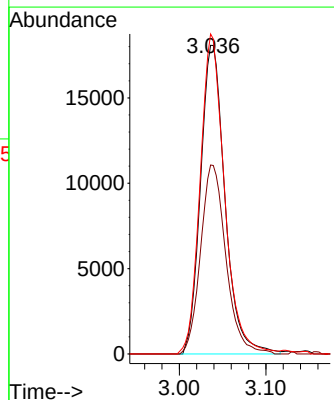
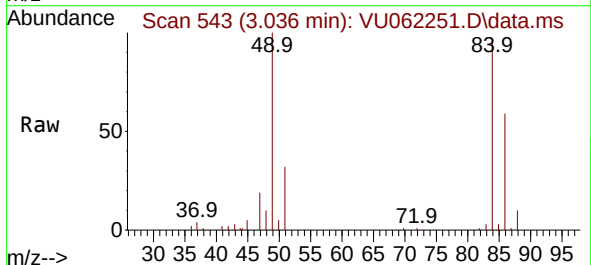
Instrument :
MSVOA_U
ClientSampleId :

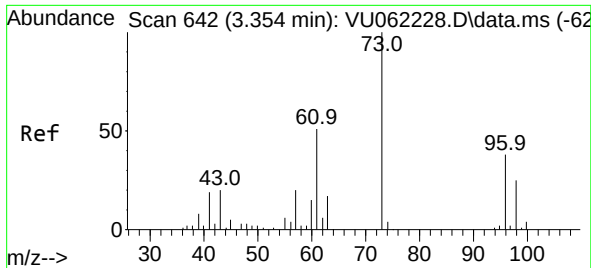
Tgt Ion: 43 Resp: 10213
Ion Ratio Lower Upper
43 100
74 29.0 19.4 29.2



#16
Methylene chloride
Concen: 5.086 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 84 Resp: 35494
Ion Ratio Lower Upper
84 100
86 61.2 43.5 80.7
49 103.7 81.9 152.1

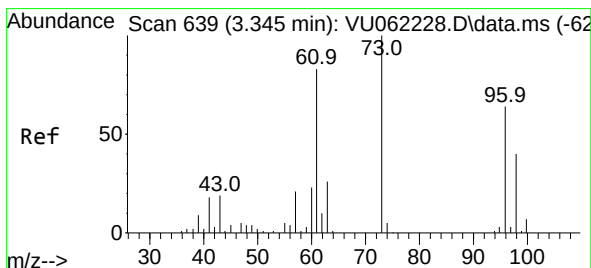
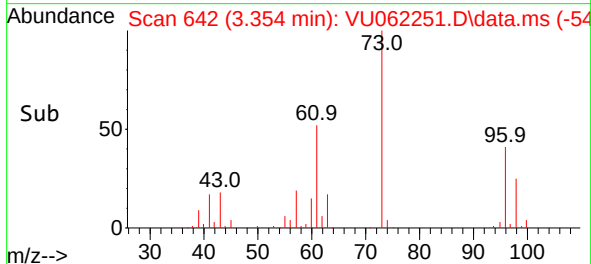
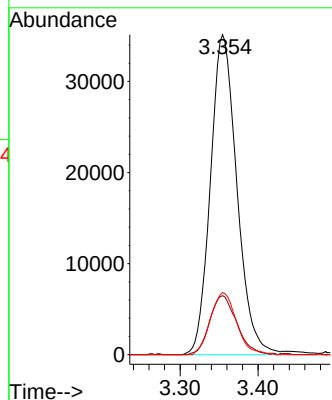
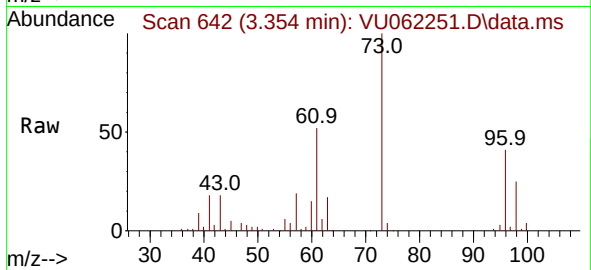




#17
Methyl tert-butyl Ether
Concen: 5.010 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

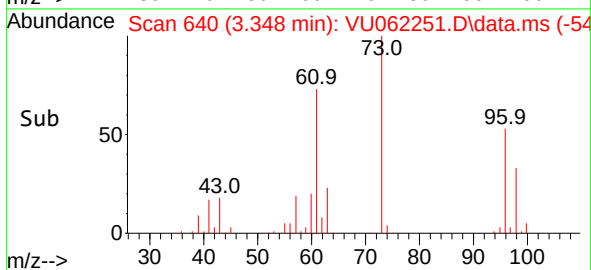
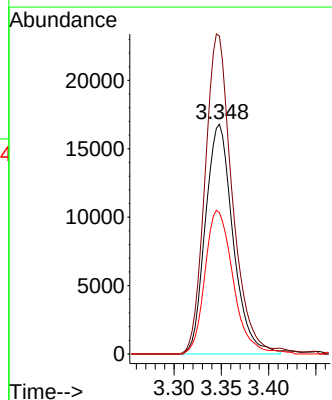
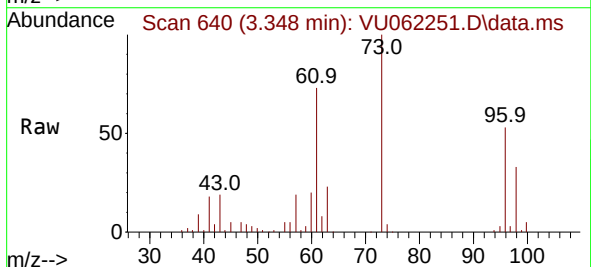
Instrument :
MSVOA_U
ClientSampleId :

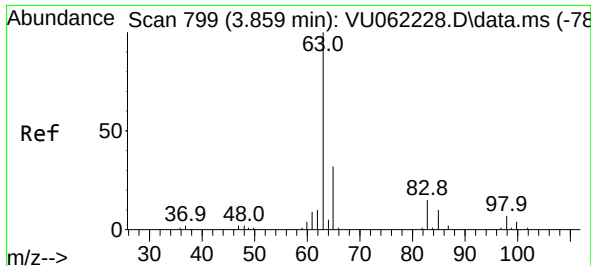
Tgt Ion: 73 Resp: 82967
Ion Ratio Lower Upper
73 100
43 18.8 16.3 24.5
57 19.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.999 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 96 Resp: 34145
Ion Ratio Lower Upper
96 100
61 138.4 104.2 193.4
98 61.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.993 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

ClientSampleId :

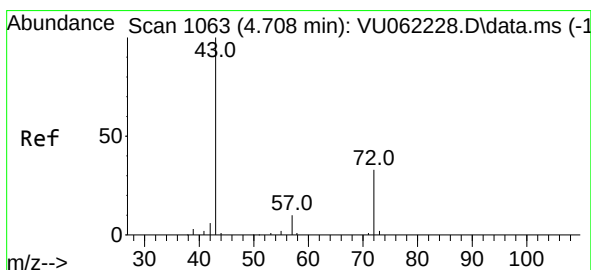
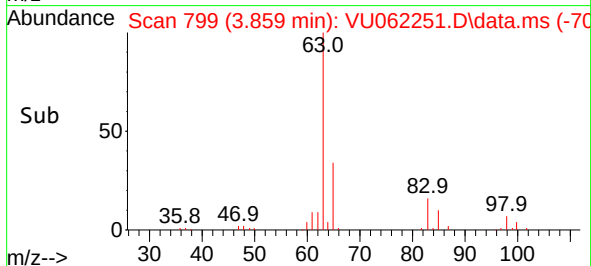
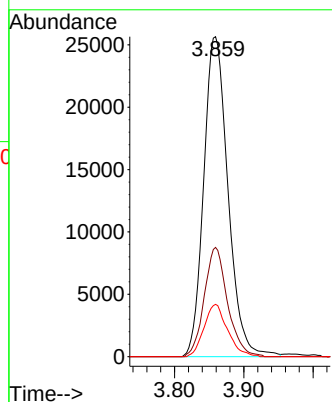
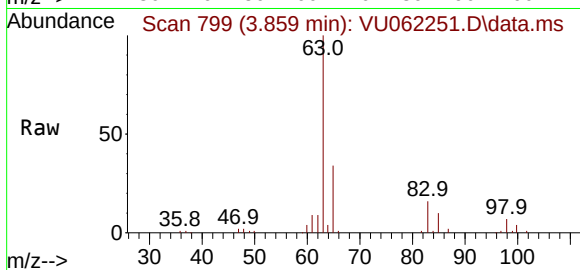
Tgt Ion: 63 Resp: 62509

Ion Ratio Lower Upper

63 100

65 34.1 22.7 42.3

83 16.4 9.9 18.3



#21

2-Butanone

Concen: 54.216 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU062251.D

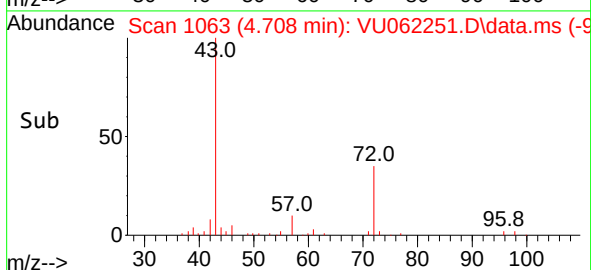
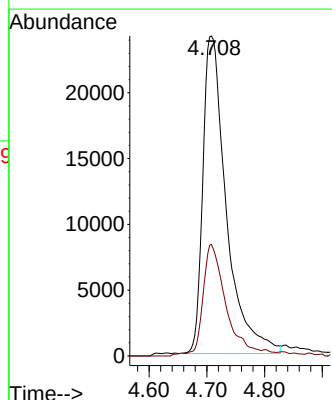
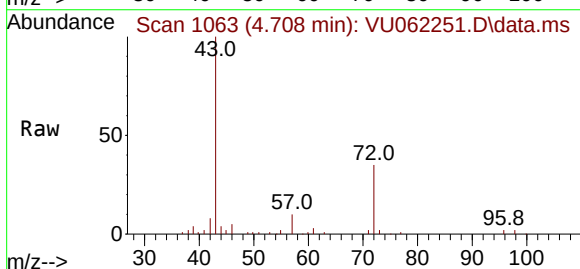
Acq: 11 Dec 2024 19:25

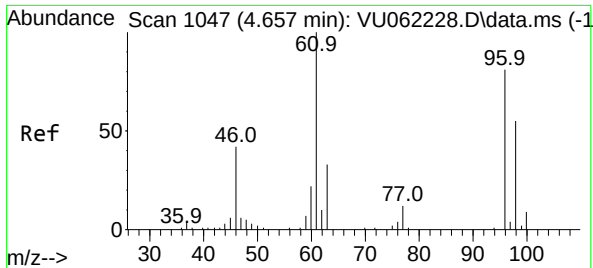
Tgt Ion: 43 Resp: 68235

Ion Ratio Lower Upper

43 100

72 32.4 14.8 44.4

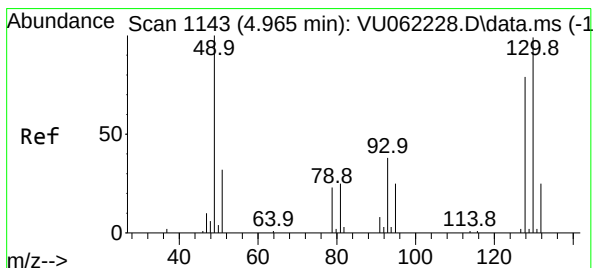
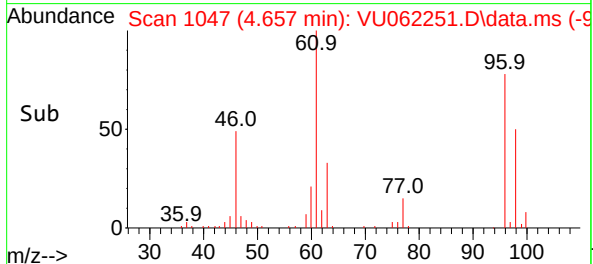
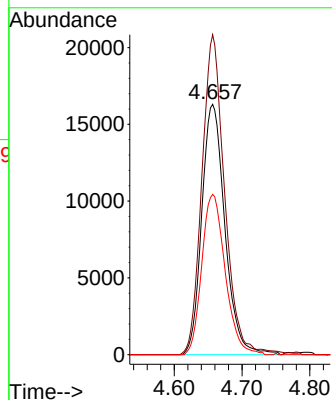
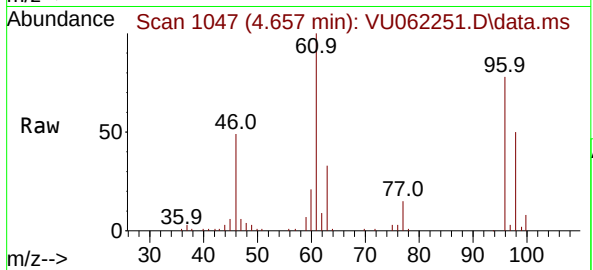




#22
 cis-1,2-Dichloroethene
 Concen: 5.055 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

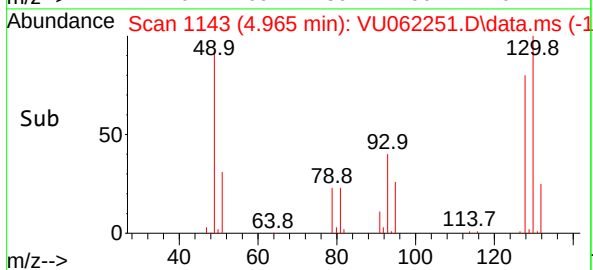
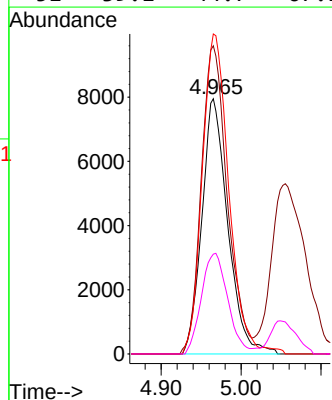
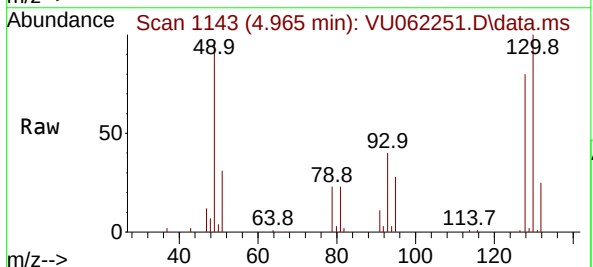
Instrument :
 MSVOA_U
 ClientSampleId :

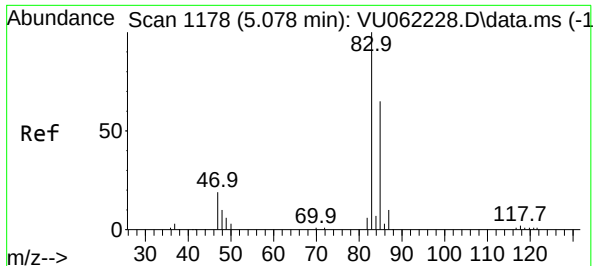
Tgt Ion: 96 Resp: 38701
 Ion Ratio Lower Upper
 96 100
 61 127.8 92.0 170.8
 98 64.1 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.326 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

Tgt Ion: 128 Resp: 17876
 Ion Ratio Lower Upper
 128 100
 49 120.8 115.3 214.1
 130 125.4 92.0 170.8
 51 39.1 44.7 67.1#





#25

Chloroform

Concen: 5.169 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

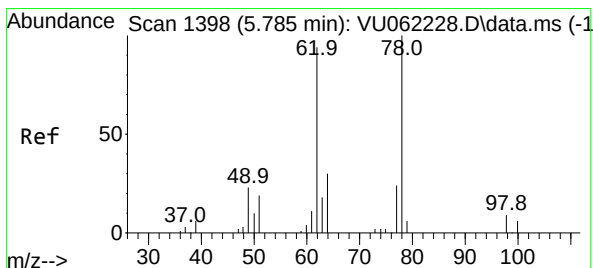
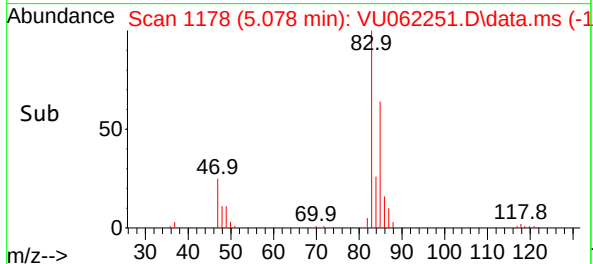
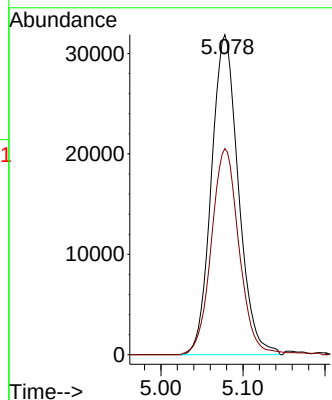
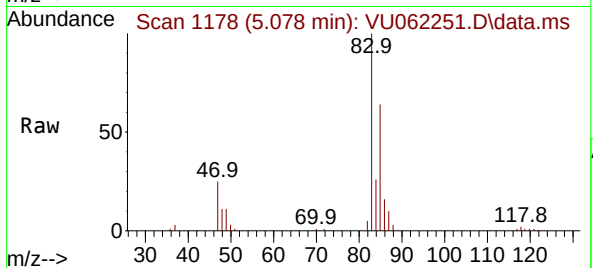
ClientSampleId :

Tgt Ion: 83 Resp: 72904

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.096 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062251.D

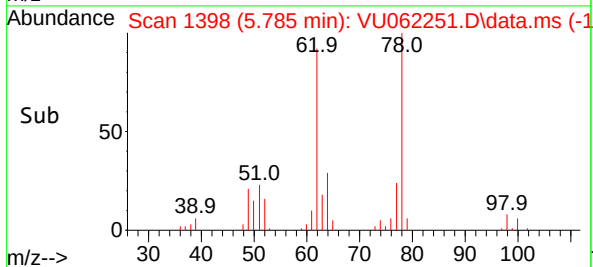
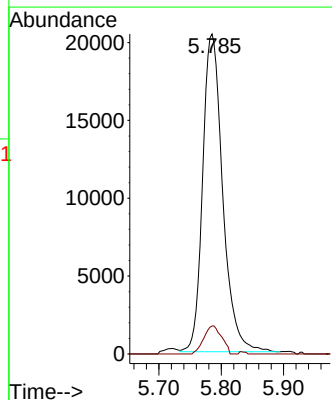
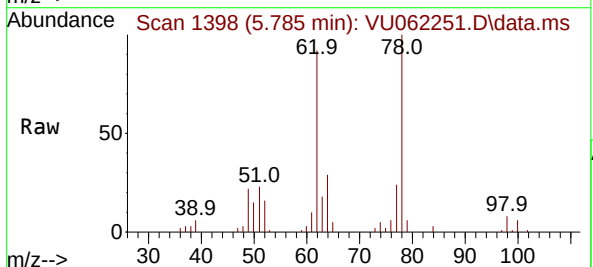
Acq: 11 Dec 2024 19:25

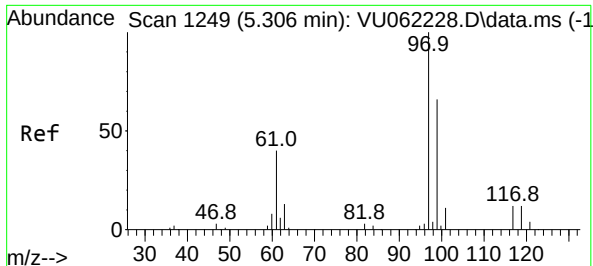
Tgt Ion: 62 Resp: 45673

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0

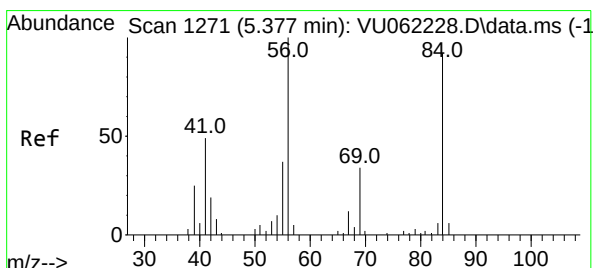
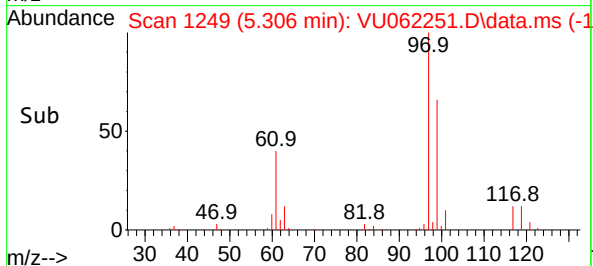
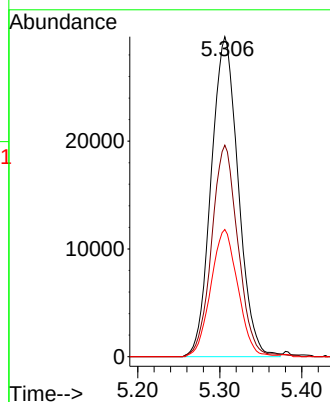
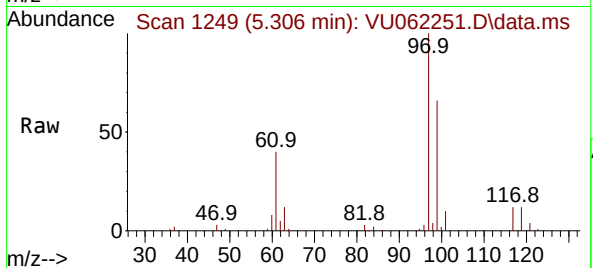




#29
1,1,1-Trichloroethane
Concen: 5.164 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

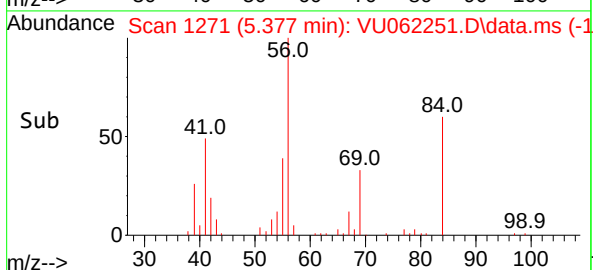
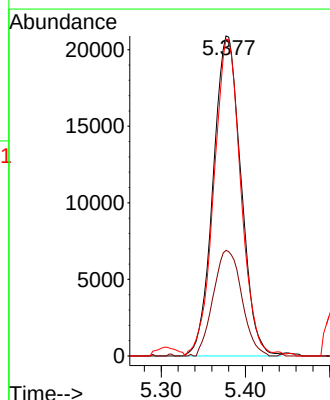
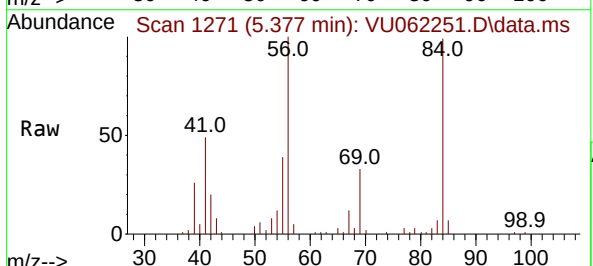
Instrument :
MSVOA_U
ClientSampleId :

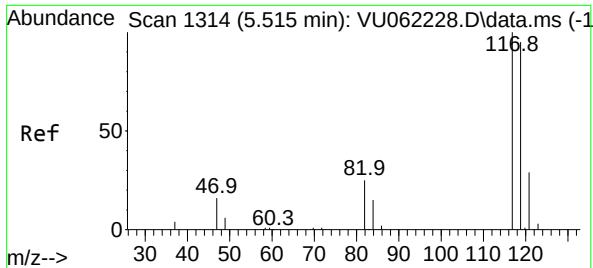
Tgt Ion: 97	Resp: 68021
Ion Ratio	Lower Upper
97 100	
99 64.6	51.4 77.2
61 39.7	37.8 56.6



#30
Cyclohexane
Concen: 4.484 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 56	Resp: 47887
Ion Ratio	Lower Upper
56 100	
69 33.8	25.1 37.7
84 95.5	70.6 105.8

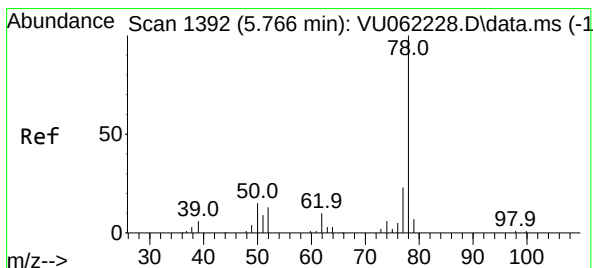
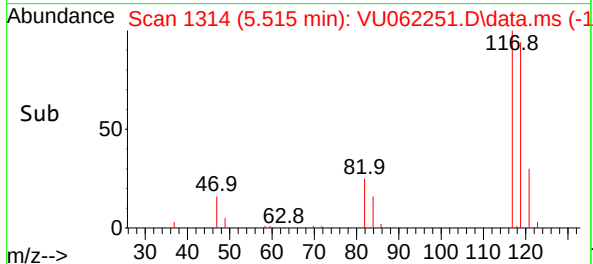
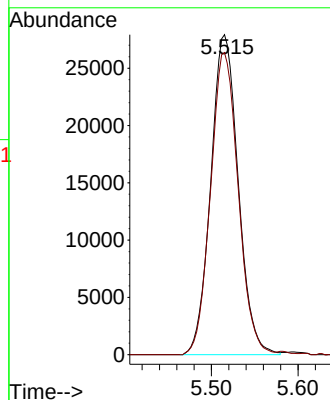
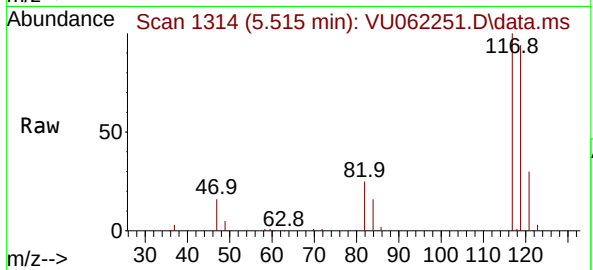




#31
Carbon tetrachloride
Concen: 5.101 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

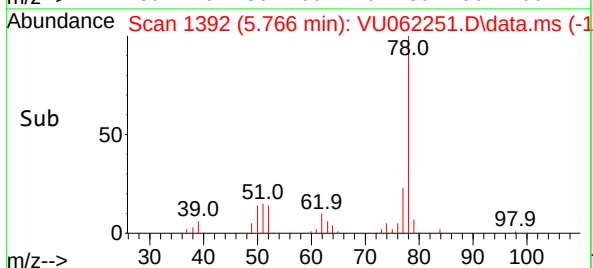
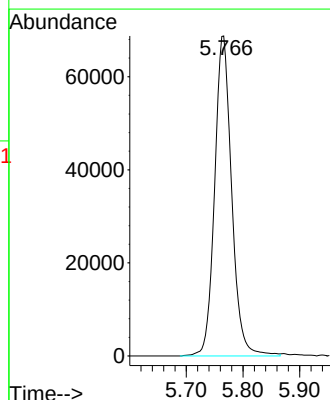
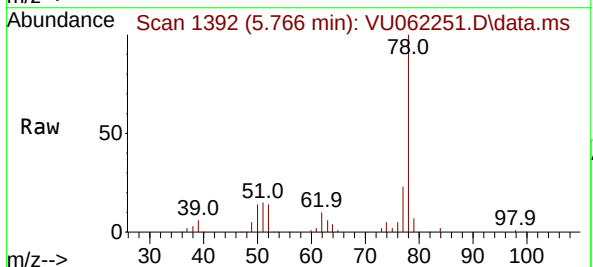
Instrument :
MSVOA_U
ClientSampleId :

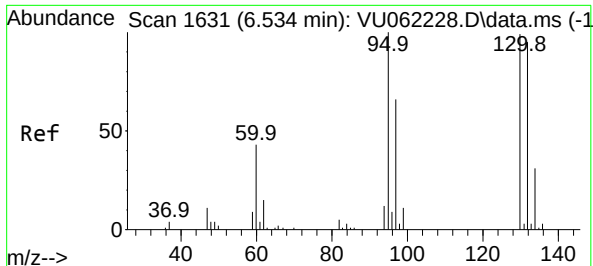
Tgt Ion:117 Resp: 61614
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.953 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 78 Resp: 143727



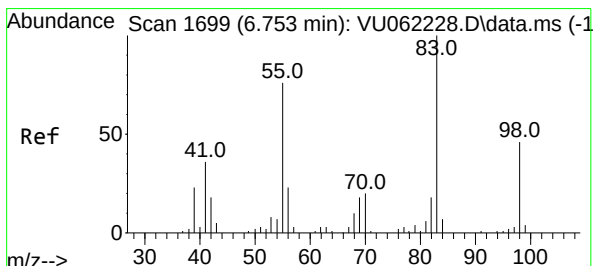
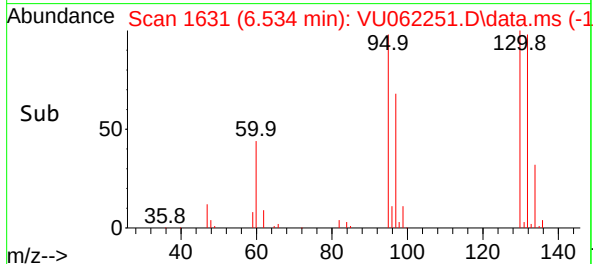
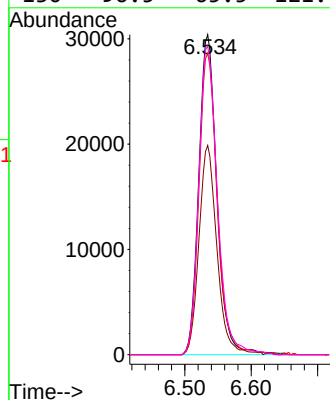
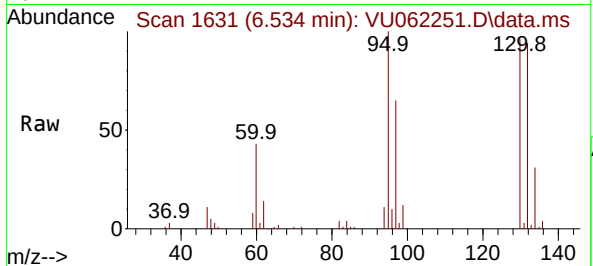


#34
Trichloroethene
Concen: 7.049 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 57939

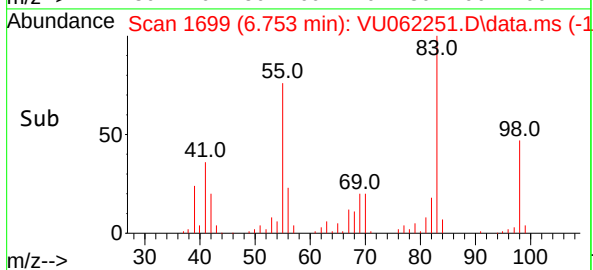
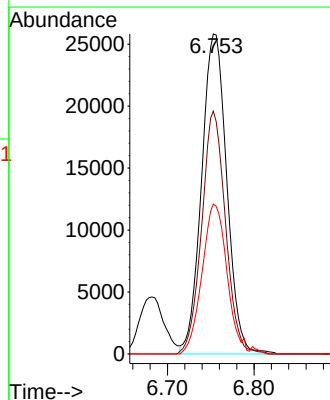
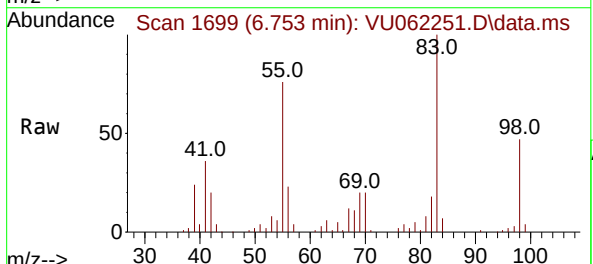
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.9	85.3
132	94.1	63.8	118.4
130	96.5	65.5	121.7

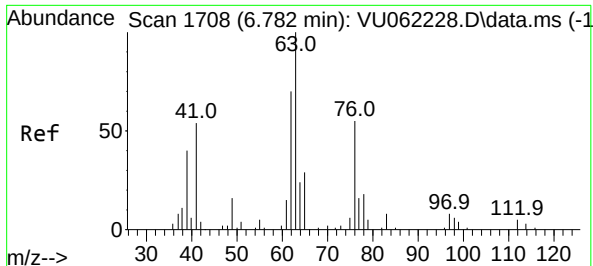


#35
Methylcyclohexane
Concen: 4.284 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 83 Resp: 52209

Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.7	91.1
98	46.2	34.8	52.2

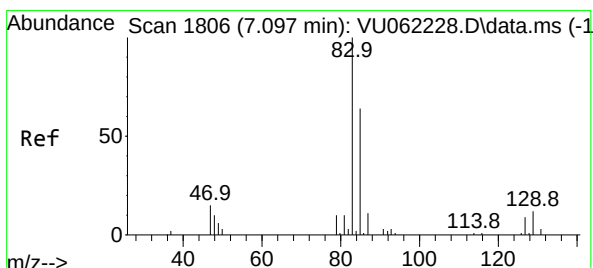
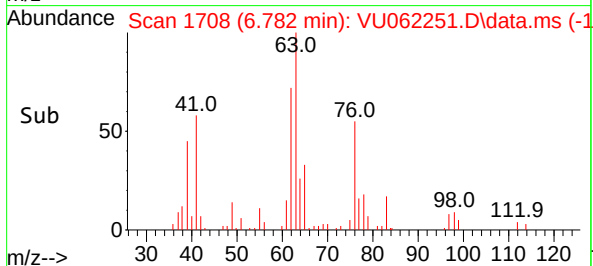
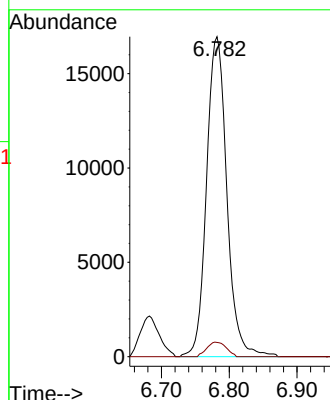
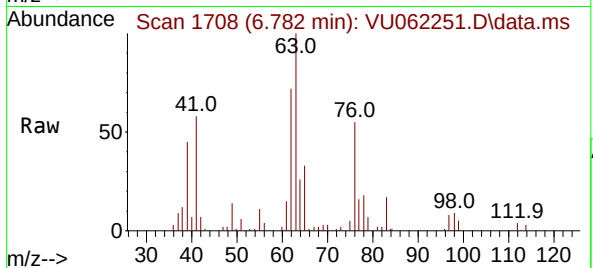




#37
1,2-Dichloropropane
Concen: 4.994 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

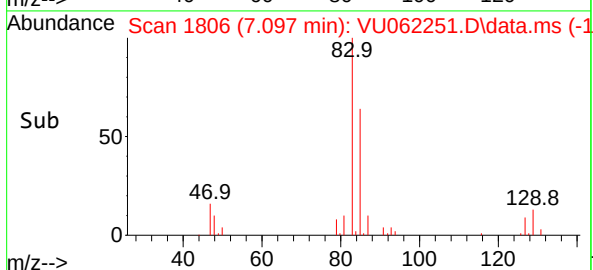
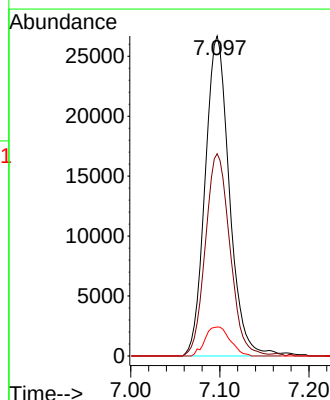
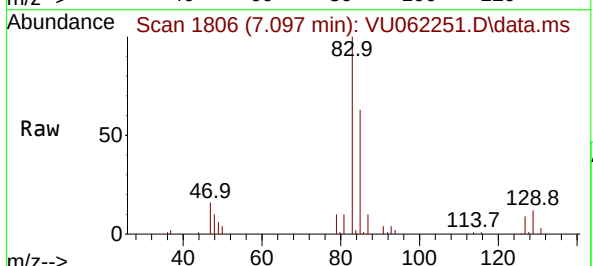
Instrument :
MSVOA_U
ClientSampleId :

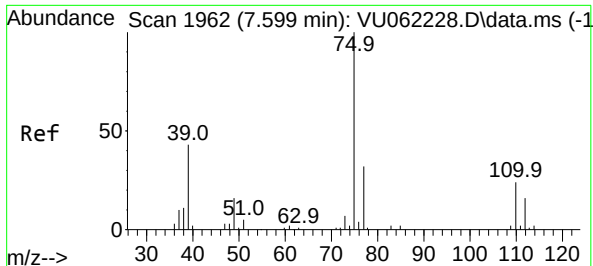
Tgt Ion: 63 Resp: 35288
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.055 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 83 Resp: 50391
Ion Ratio Lower Upper
83 100
85 63.2 44.1 81.9
127 9.0 6.9 10.3

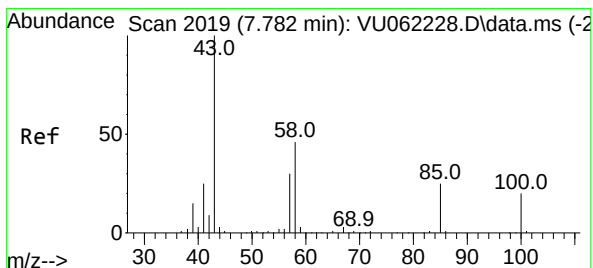
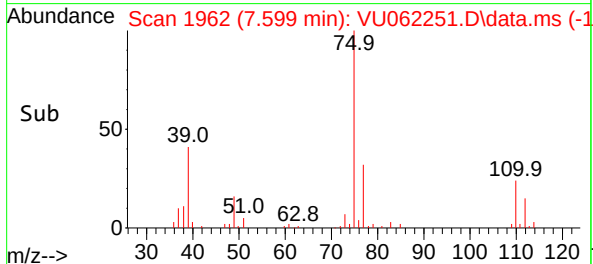
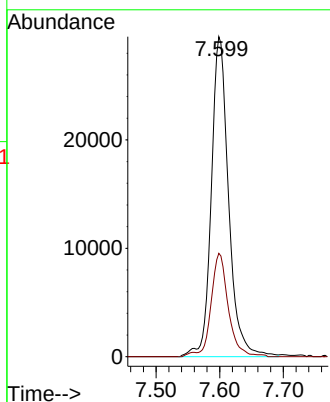
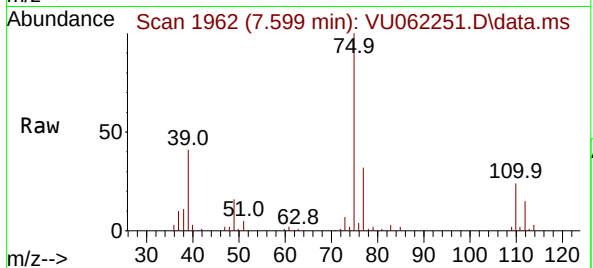




#39
 cis-1,3-Dichloropropene
 Concen: 4.922 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

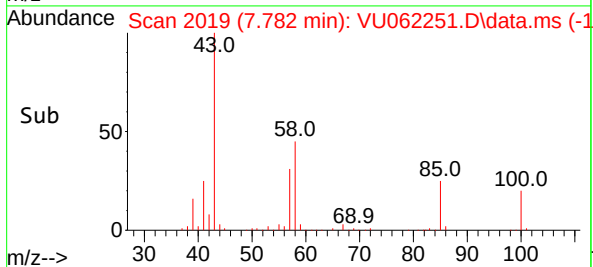
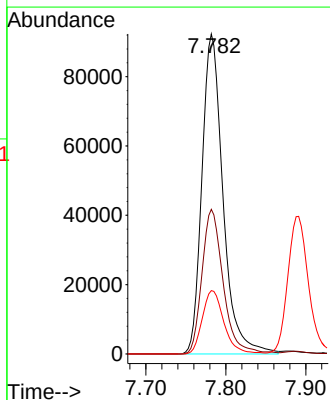
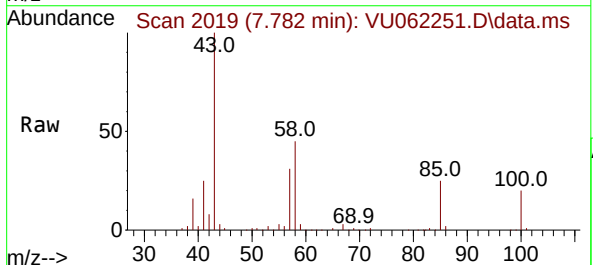
Instrument :
 MSVOA_U
 ClientSampleId :

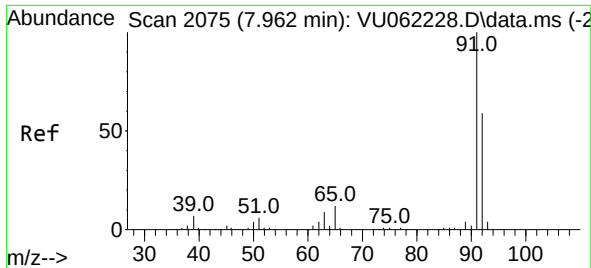
Tgt Ion: 75 Resp: 55748
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 51.186 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062251.D
 Acq: 11 Dec 2024 19:25

Tgt Ion: 43 Resp: 169512
 Ion Ratio Lower Upper
 43 100
 58 45.4 33.3 49.9
 100 20.3 12.4 18.6#





#42

Toluene

Concen: 5.013 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

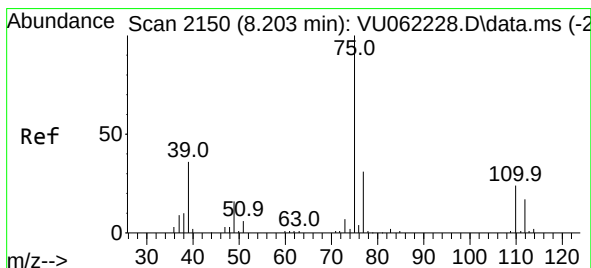
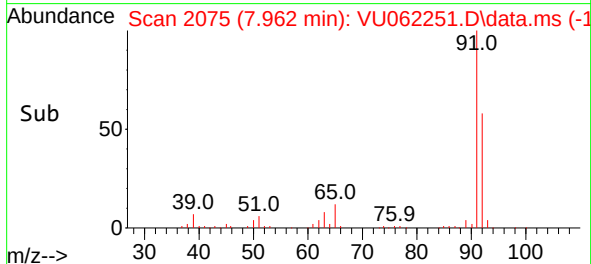
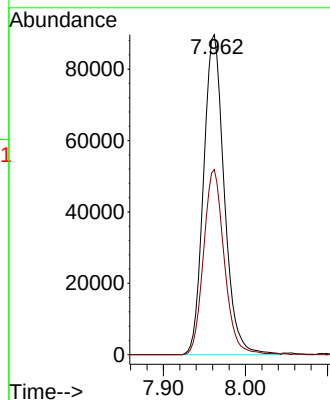
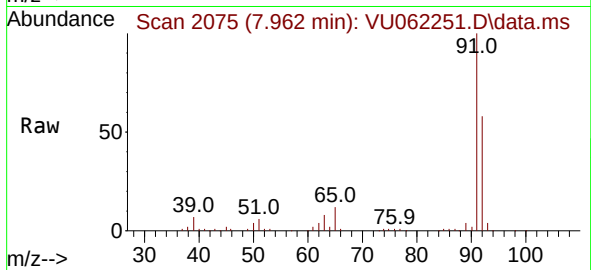
ClientSampleId :

Tgt Ion: 91 Resp: 156862

Ion Ratio Lower Upper

91 100

92 57.8 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.048 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062251.D

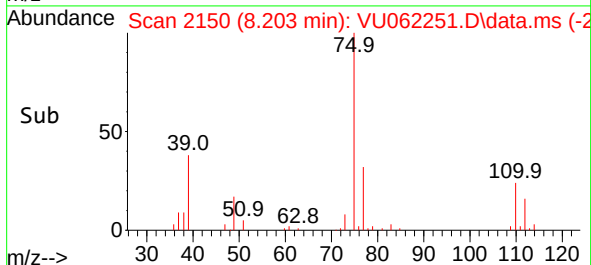
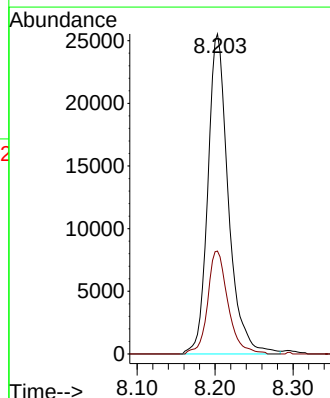
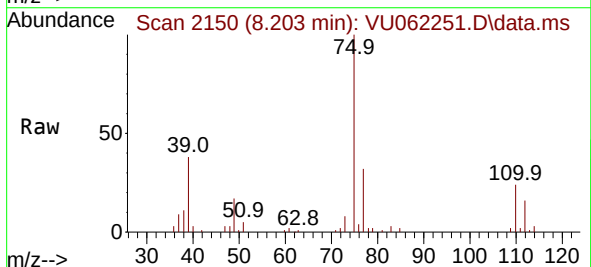
Acq: 11 Dec 2024 19:25

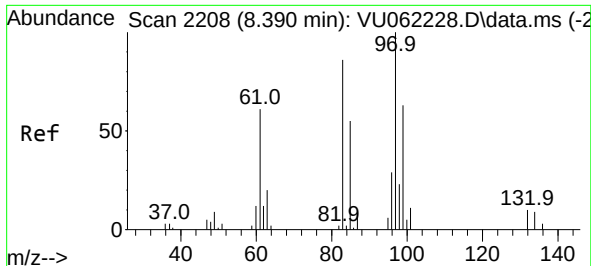
Tgt Ion: 75 Resp: 46690

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4

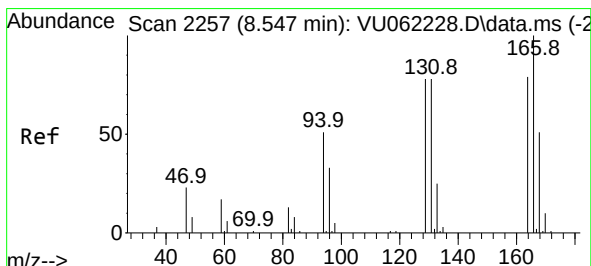
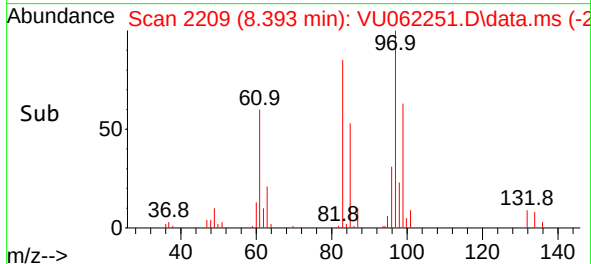
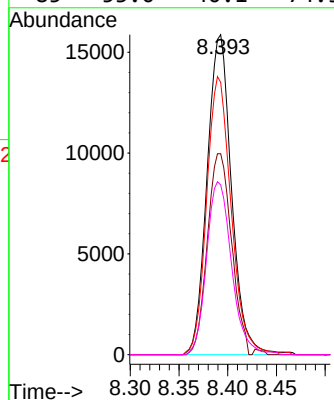
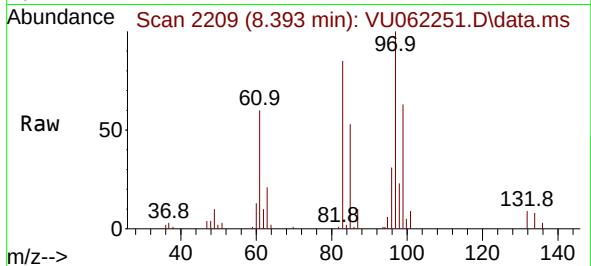




#45
1,1,2-Trichloroethane
Concen: 5.188 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

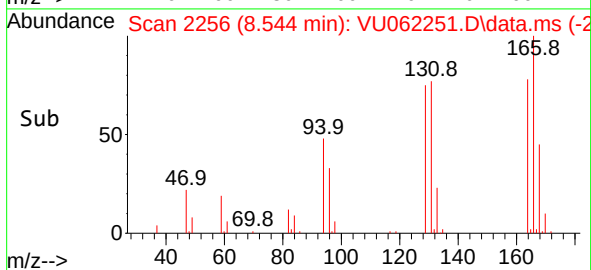
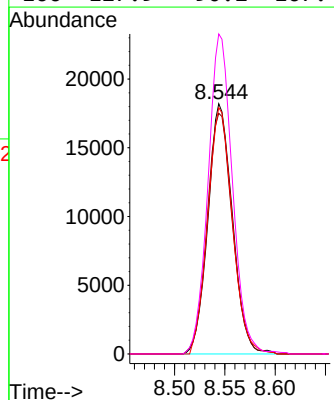
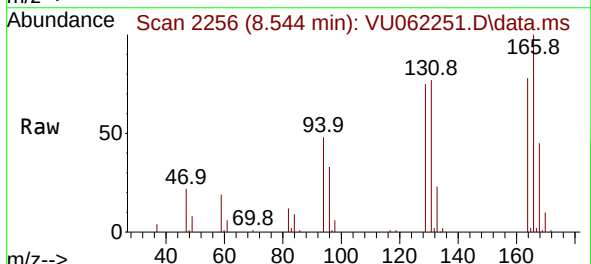
Instrument :
MSVOA_U
ClientSampleId :

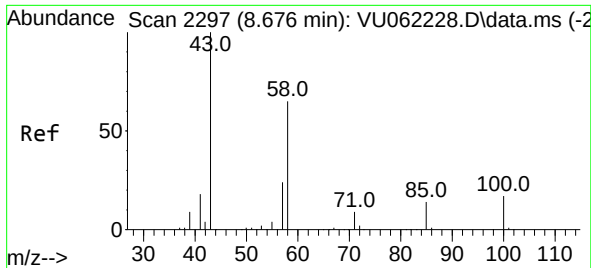
Tgt Ion:	97	Resp:	27674
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.0	79.8
83	85.1	61.7	114.5
85	53.0	40.1	74.5



#47
Tetrachloroethene
Concen: 4.857 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion:	164	Resp:	30822
Ion	Ratio	Lower	Upper
164	100		
129	96.2	73.2	136.0
131	98.5	72.3	134.3
166	127.9	90.2	167.4

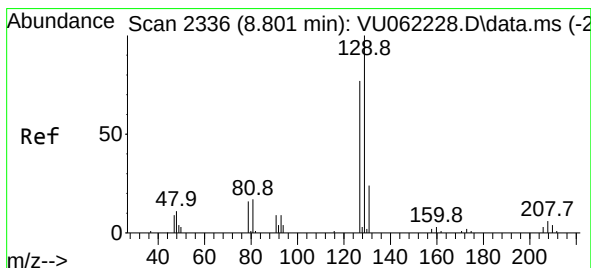
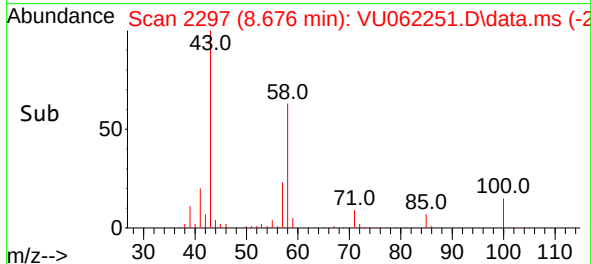
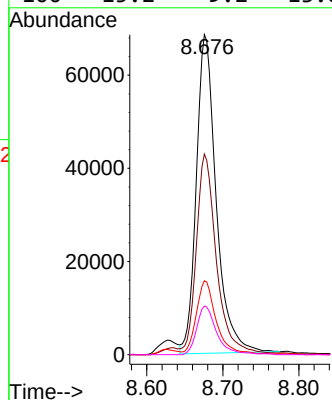
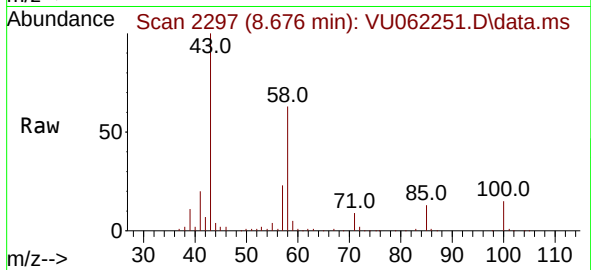




#48
2-Hexanone
Concen: 50.930 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

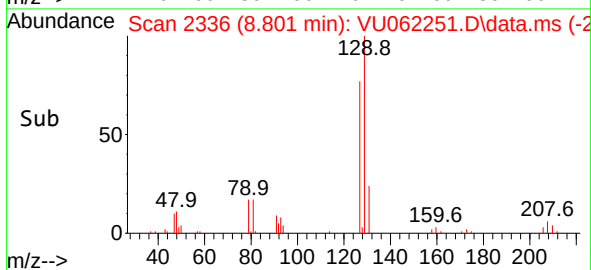
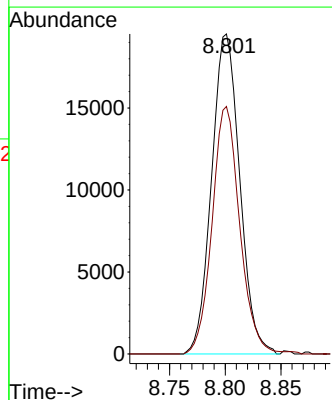
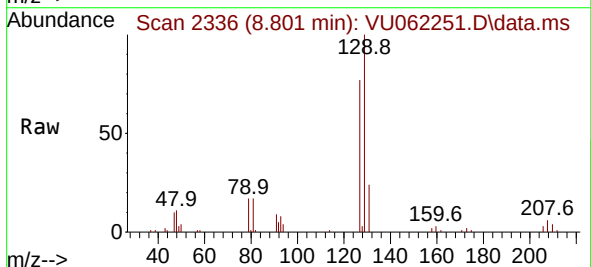
Instrument :
MSVOA_U
ClientSampleId :

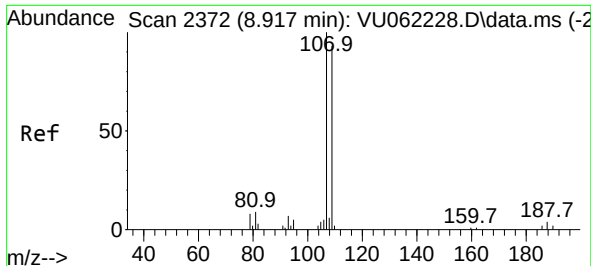
Tgt Ion: 43 Resp: 124647
Ion Ratio Lower Upper
43 100
58 62.7 47.5 71.3
57 22.9 15.6 23.4
100 15.2 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.331 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 129 Resp: 34359
Ion Ratio Lower Upper
129 100
127 77.4 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.188 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

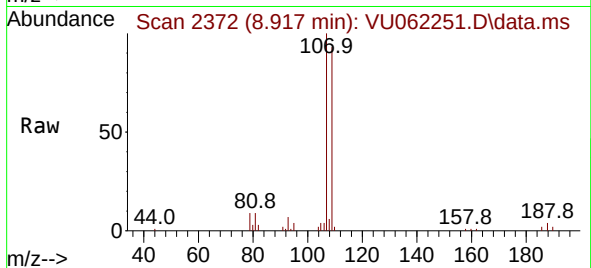
Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

ClientSampleId :



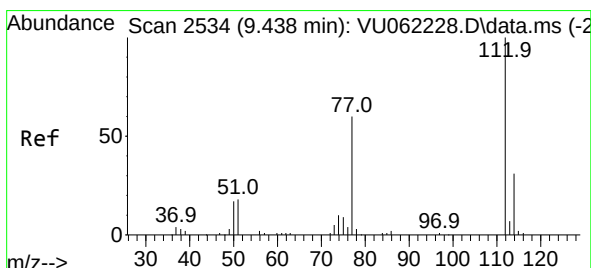
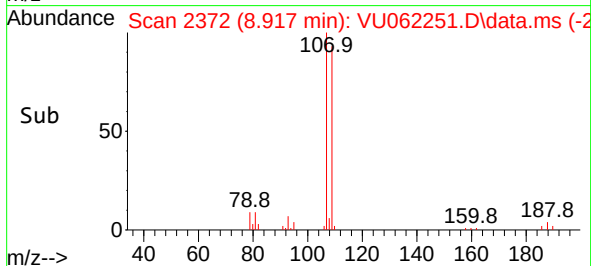
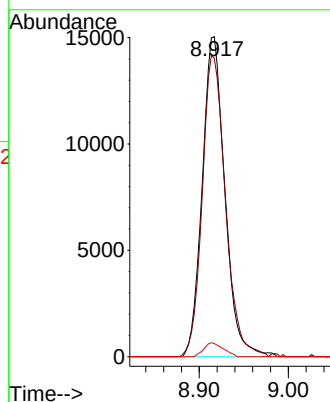
Tgt Ion:107 Resp: 26595

Ion Ratio Lower Upper

107 100

109 93.3 66.8 124.2

188 4.1 2.3 3.5#



#51

Chlorobenzene

Concen: 5.042 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

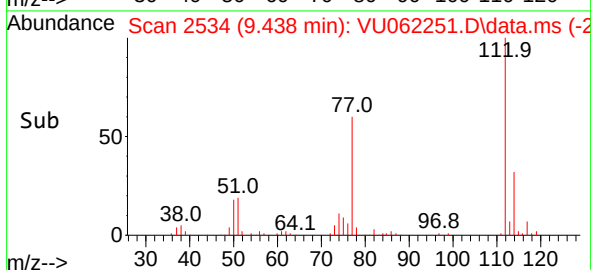
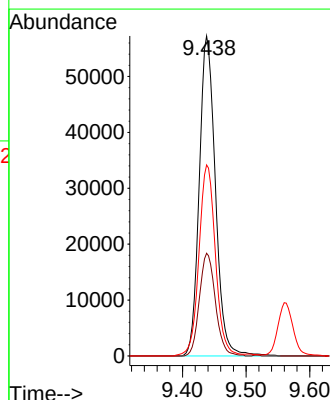
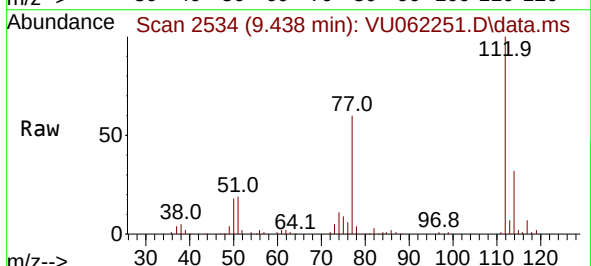
Tgt Ion:112 Resp: 101078

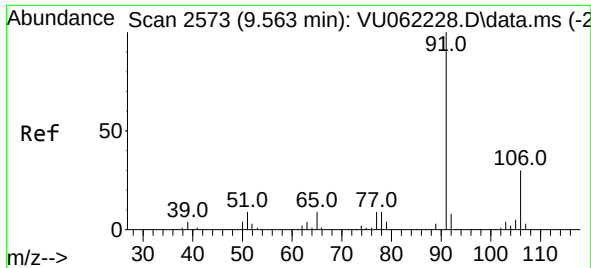
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.6

77 59.7 50.5 75.7

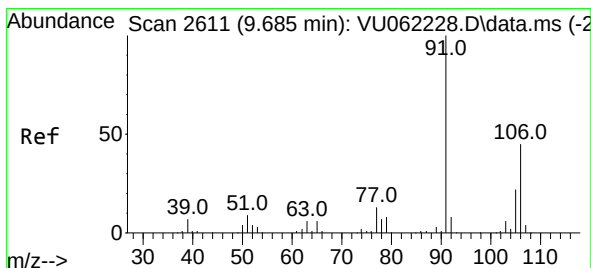
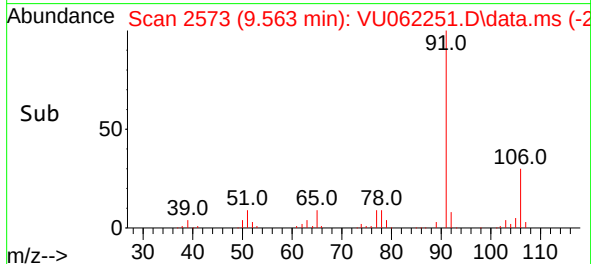
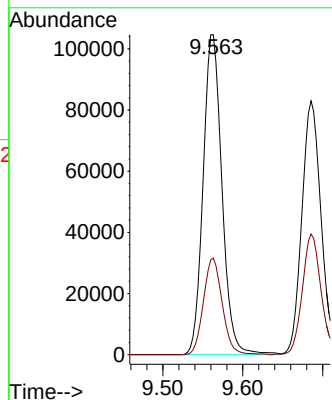
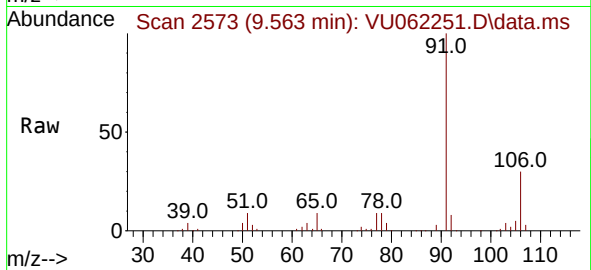




#52
Ethylbenzene
Concen: 4.902 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

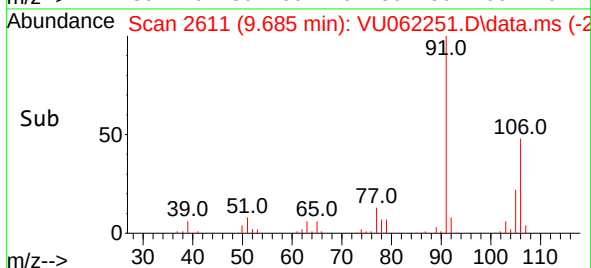
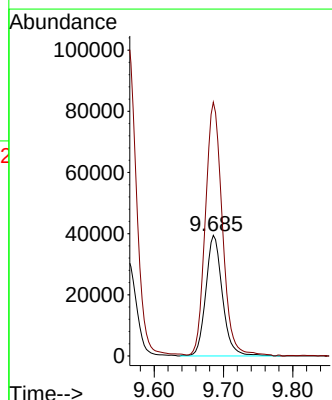
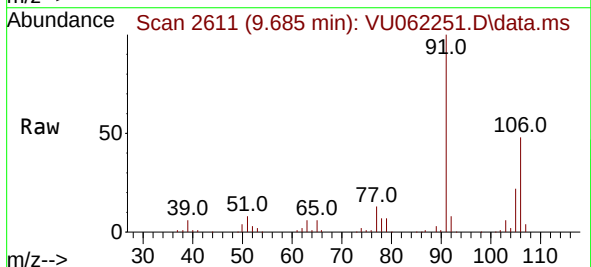
Instrument :
MSVOA_U
ClientSampleId :

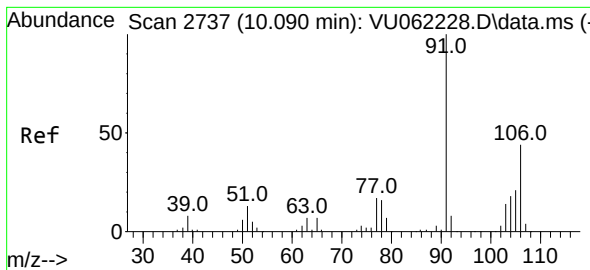
Tgt Ion: 91 Resp: 171947
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.051 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion:106 Resp: 65422
Ion Ratio Lower Upper
106 100
91 210.4 147.6 274.0





#54

o-Xylene

Concen: 4.997 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

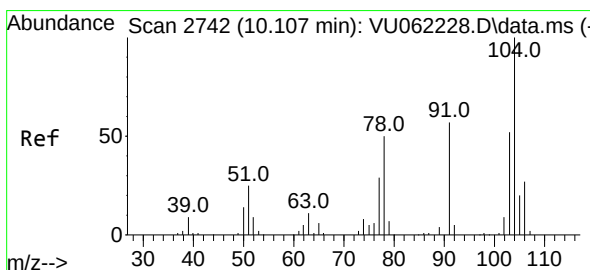
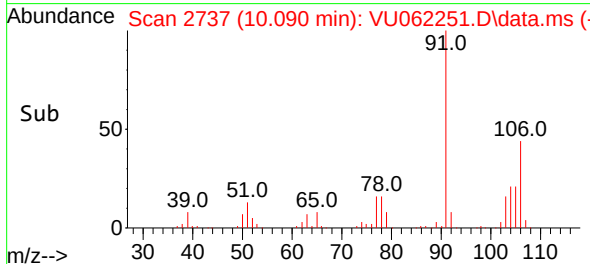
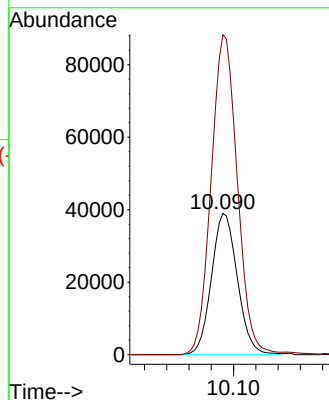
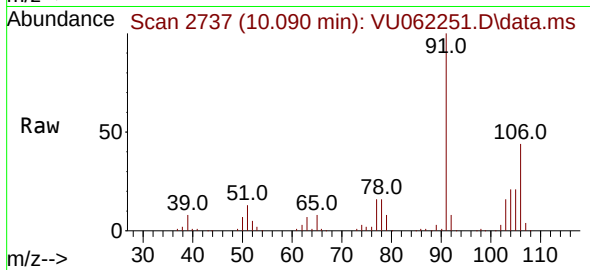
ClientSampleId :

Tgt Ion:106 Resp: 62947

Ion Ratio Lower Upper

106 100

91 226.5 159.8 296.8



#55

Styrene

Concen: 5.036 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062251.D

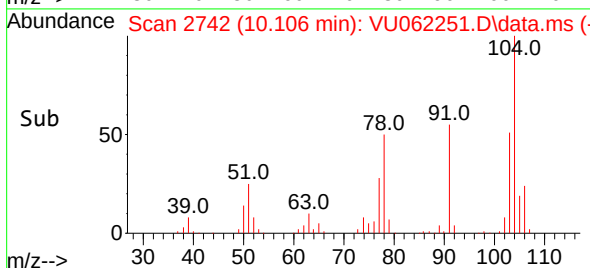
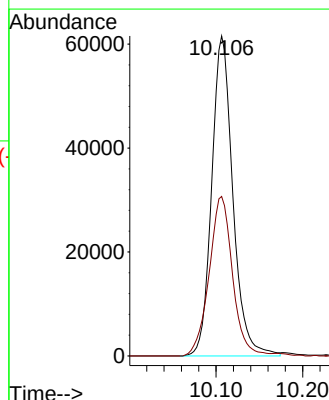
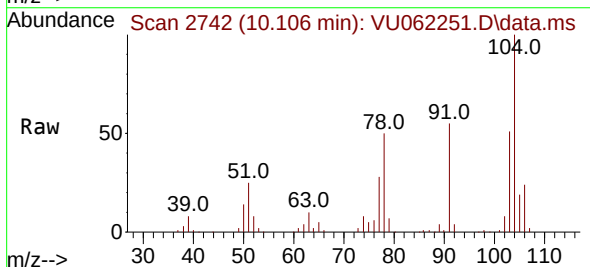
Acq: 11 Dec 2024 19:25

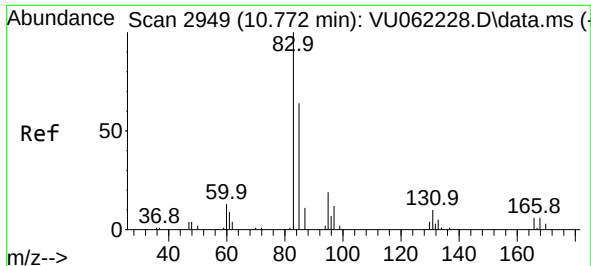
Tgt Ion:104 Resp: 104565

Ion Ratio Lower Upper

104 100

78 49.9 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.145 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

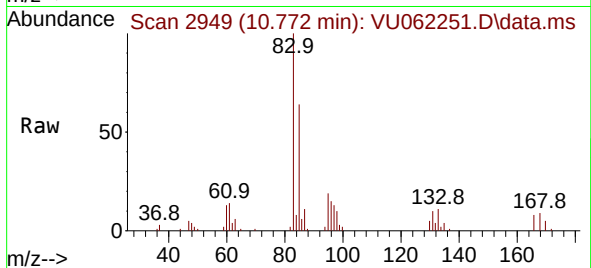
Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

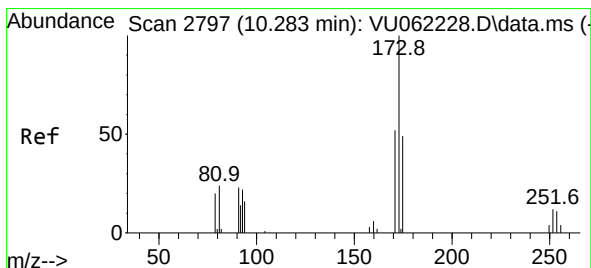
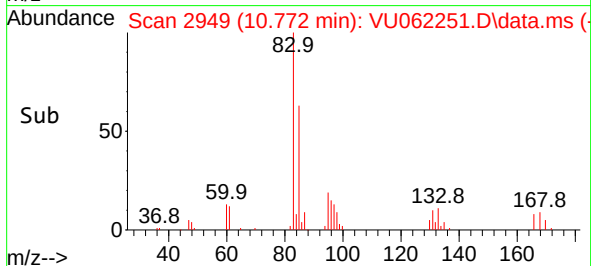
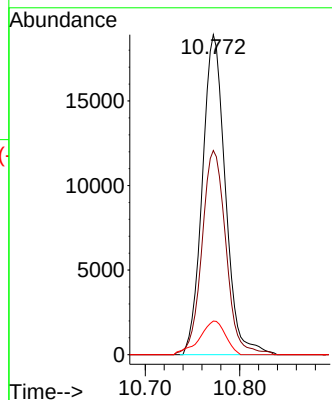
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	31942
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.4	82.4
131	10.5	7.3	10.9



#59

Bromoform

Concen: 5.334 ug/L

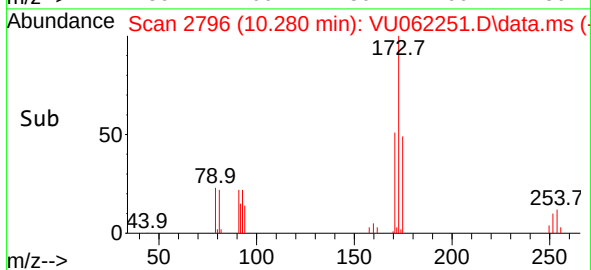
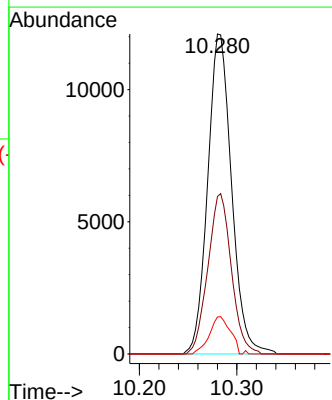
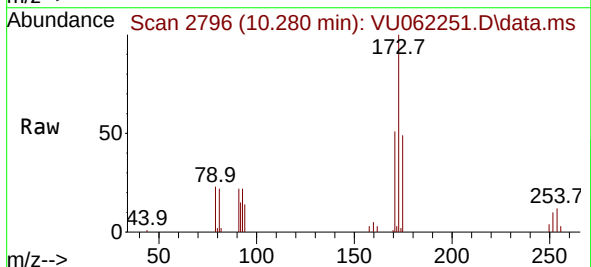
RT: 10.280 min Scan# 2796

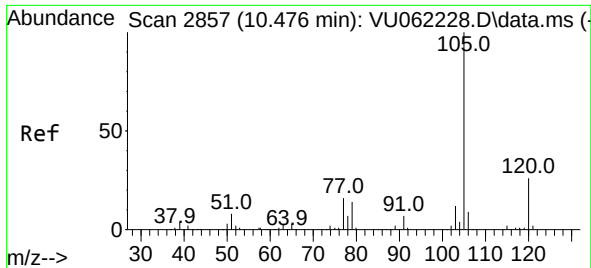
Delta R.T. -0.003 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Tgt Ion:	173	Resp:	20622
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.4
254	10.2	7.4	11.0

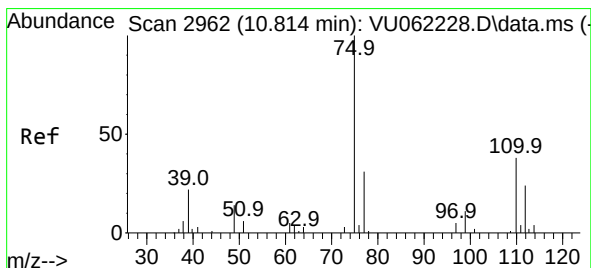
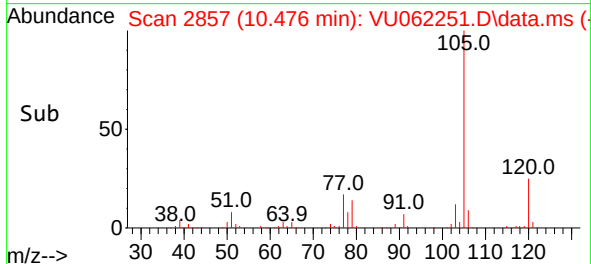
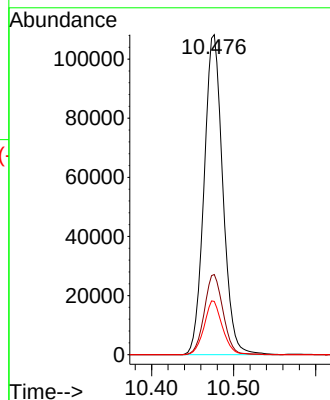
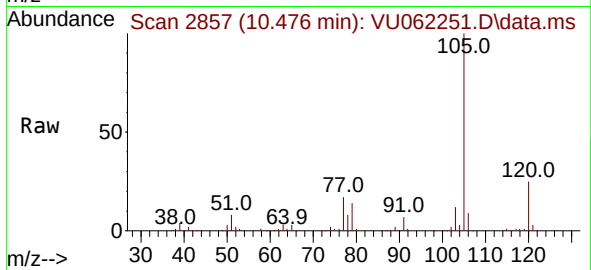




#60
Isopropylbenzene
Concen: 4.830 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

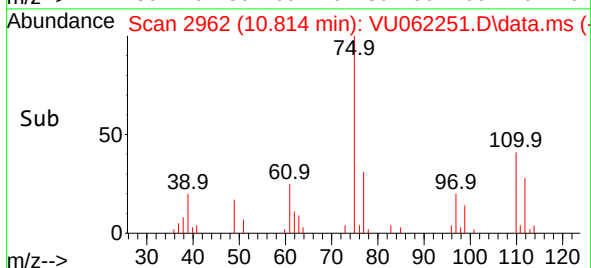
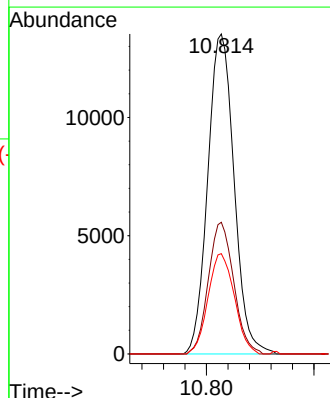
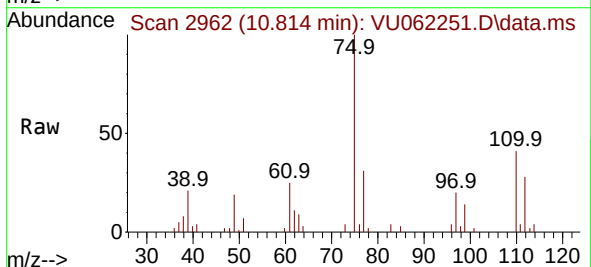
Instrument :
MSVOA_U
ClientSampleId :

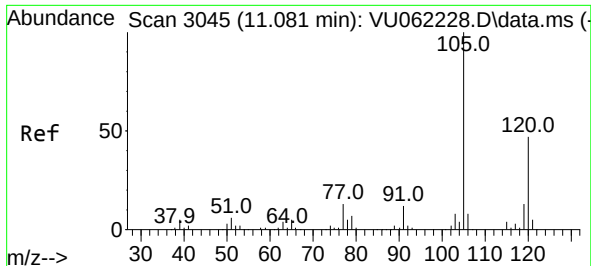
Tgt Ion:105 Resp: 171671
Ion Ratio Lower Upper
105 100
120 25.1 20.6 31.0
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.059 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 75 Resp: 23018
Ion Ratio Lower Upper
75 100
110 39.7 28.9 43.3
77 31.3 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.680 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

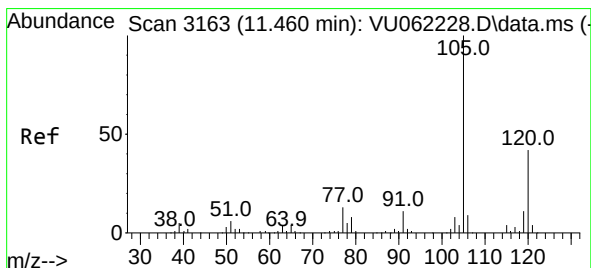
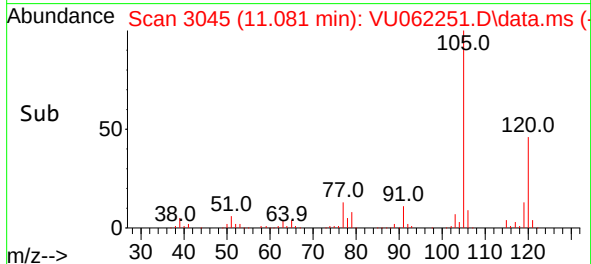
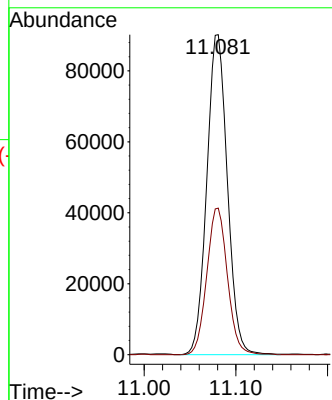
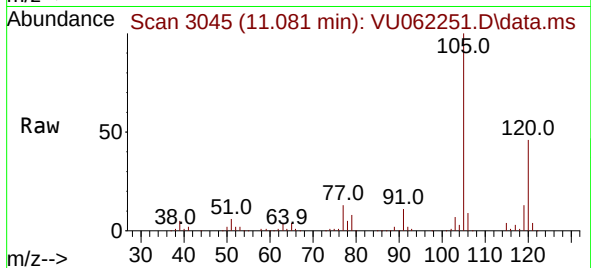
ClientSampleId :

Tgt Ion:105 Resp: 140764

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.705 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062251.D

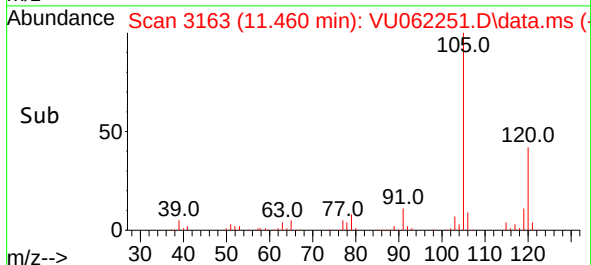
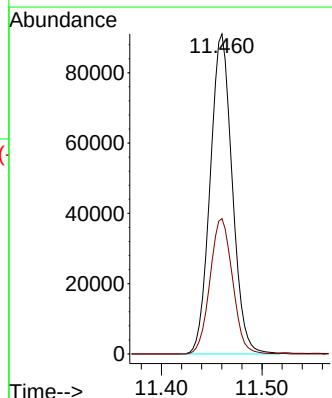
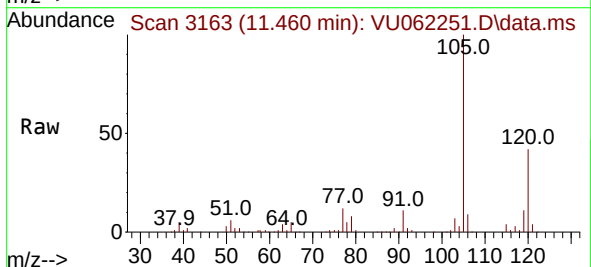
Acq: 11 Dec 2024 19:25

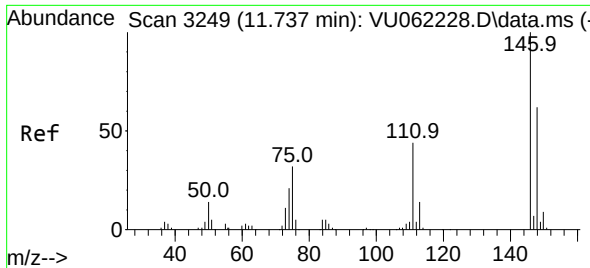
Tgt Ion:105 Resp: 138648

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1

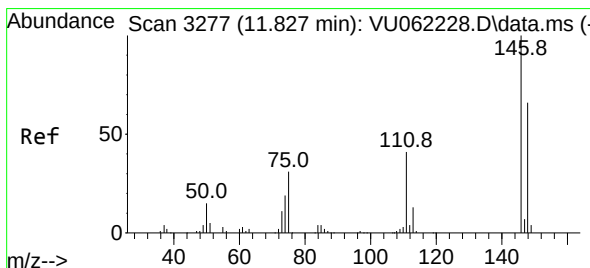
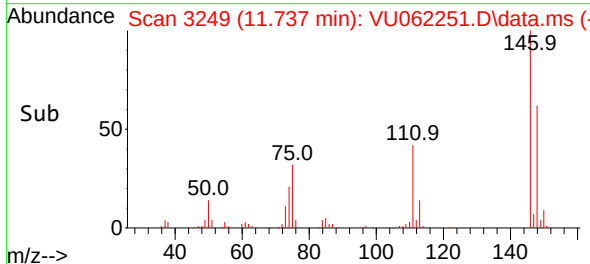
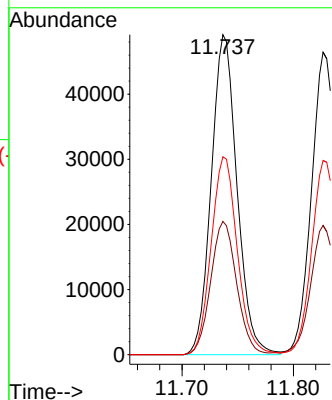
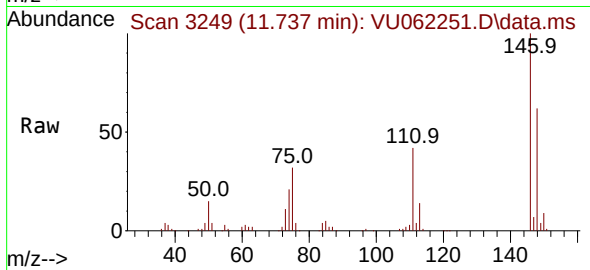




#64
1,3-Dichlorobenzene
Concen: 4.830 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

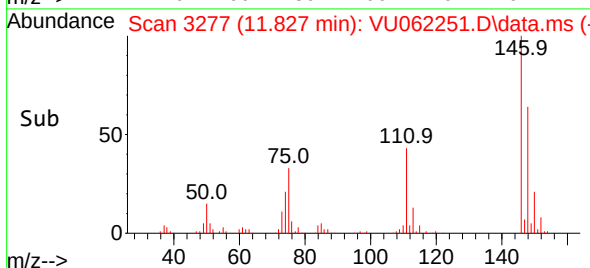
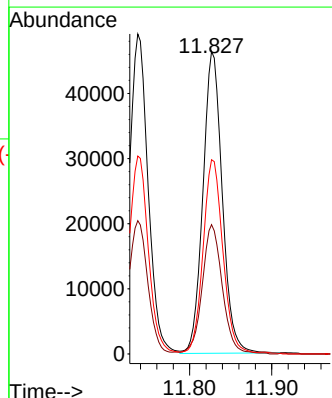
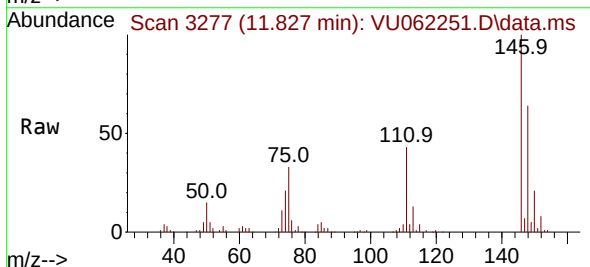
Instrument :
MSVOA_U
ClientSampleId :

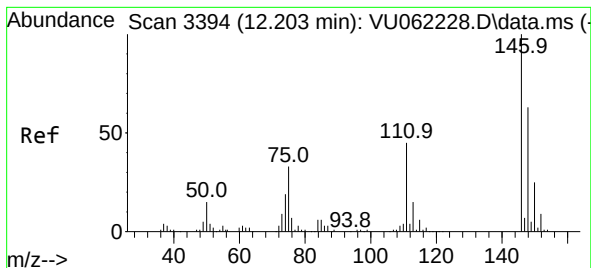
Tgt Ion:146 Resp: 78857
Ion Ratio Lower Upper
146 100
111 41.6 30.7 57.1
148 61.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.614 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion:146 Resp: 75855
Ion Ratio Lower Upper
146 100
111 42.7 29.3 54.3
148 64.2 44.6 82.8

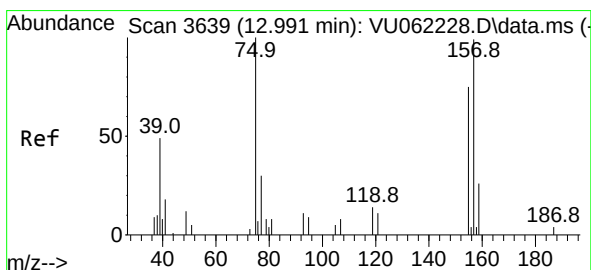
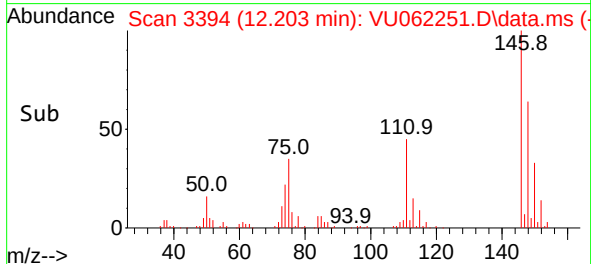
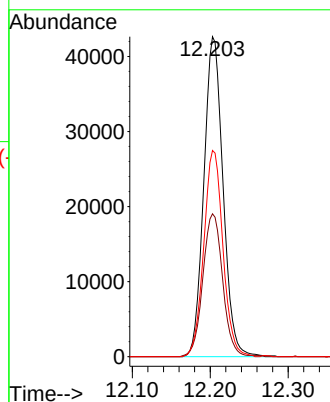
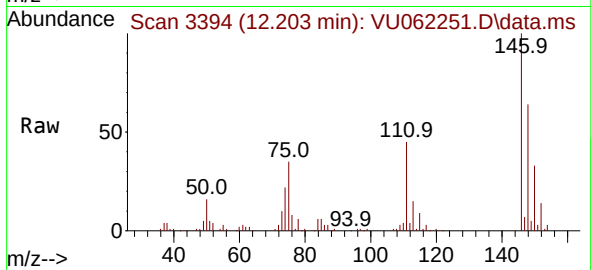




#67
1,2-Dichlorobenzene
Concen: 4.836 ug/L
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

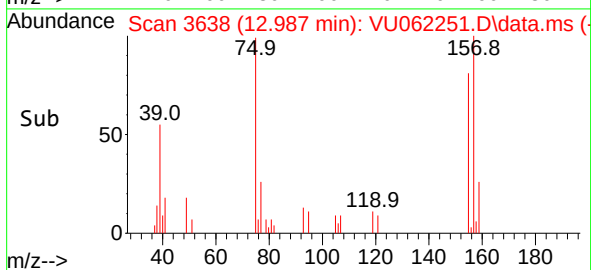
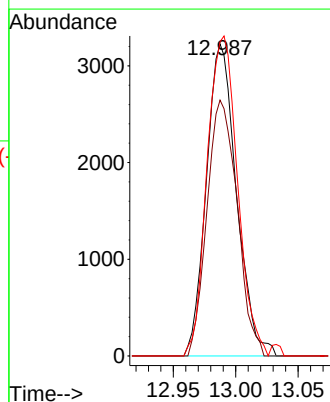
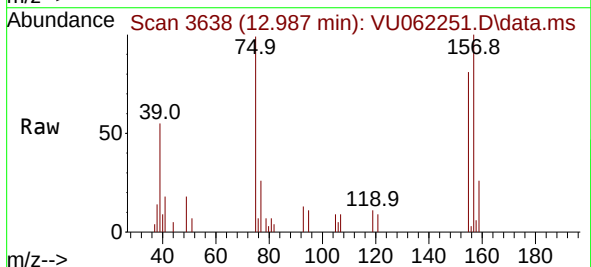
Instrument :
MSVOA_U
ClientSampleId :

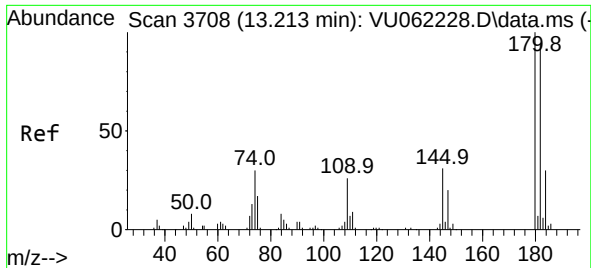
Tgt Ion:146 Resp: 72970
Ion Ratio Lower Upper
146 100
111 44.6 36.0 54.0
148 64.5 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.476 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

Tgt Ion: 75 Resp: 5434
Ion Ratio Lower Upper
75 100
155 82.0 55.2 82.8
157 100.7 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.514 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 54782

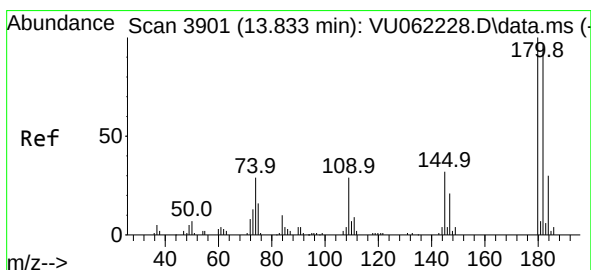
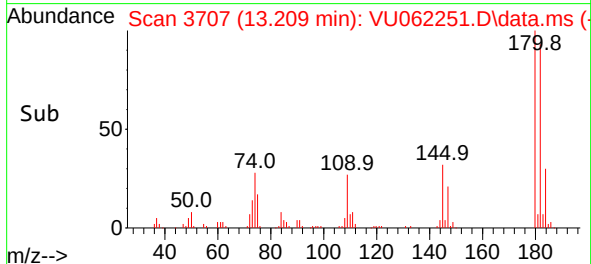
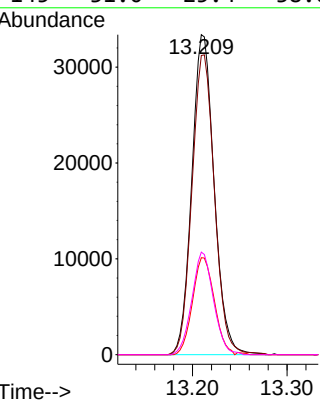
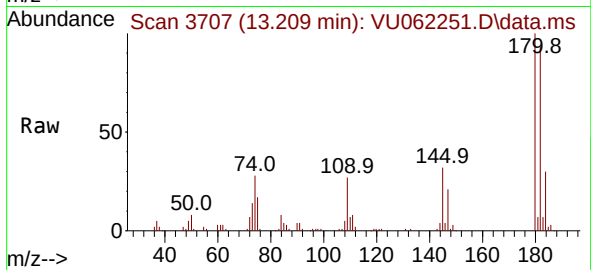
Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

184 29.5 24.8 37.2

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.317 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062251.D

Acq: 11 Dec 2024 19:25

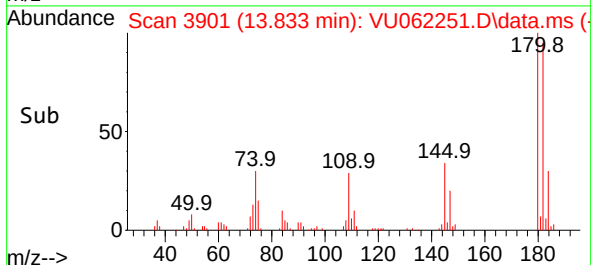
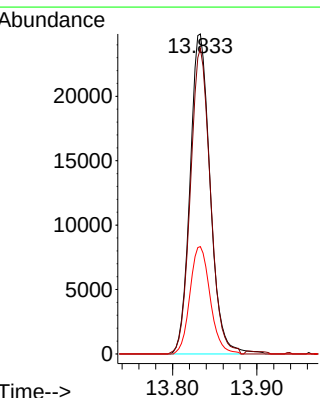
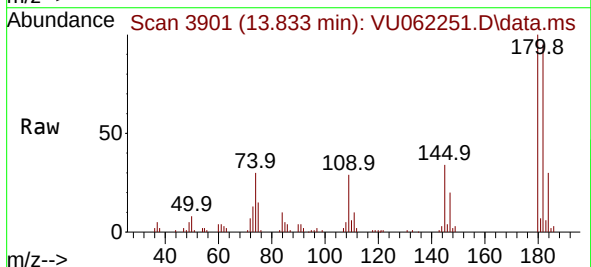
Tgt Ion:180 Resp: 41366

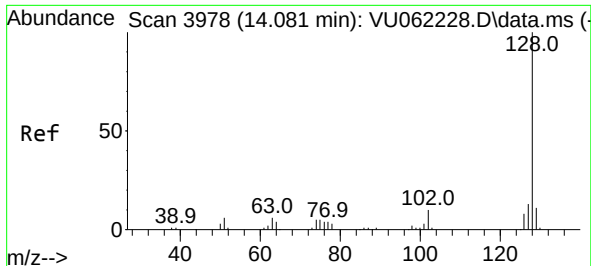
Ion Ratio Lower Upper

180 100

182 94.3 74.5 111.7

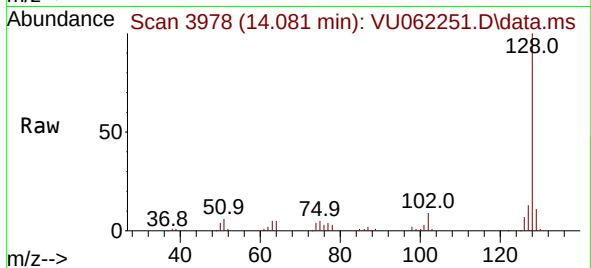
145 33.6 25.6 38.4



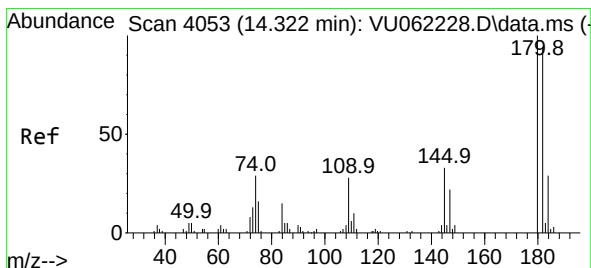
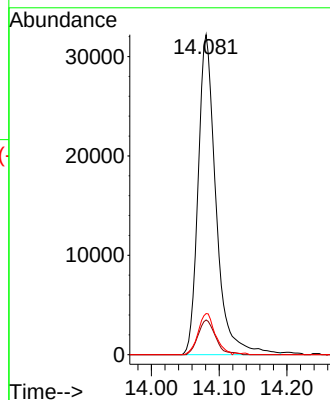
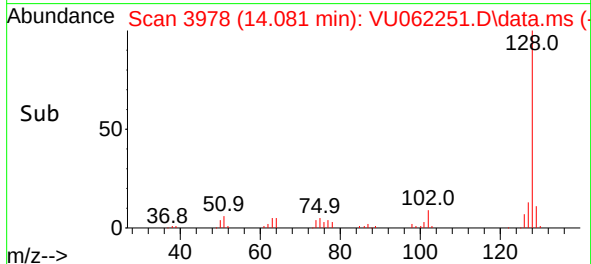


#71
Naphthalene
Concen: 4.093 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25

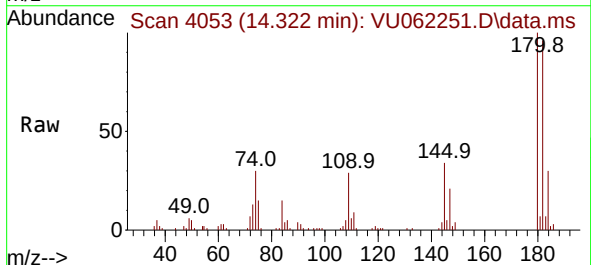
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 58888
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.265 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062251.D
Acq: 11 Dec 2024 19:25



Tgt Ion:180 Resp: 36041
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 34.8 27.4 41.0

