

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062121.D
 Acq On : 06 Dec 2024 00:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:35:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18542	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	15992	3.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.560	65	8555	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.628	46	66684	42.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.840%
24) Chloroform-d	5.052	84	57760	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.692	65	29323	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.718	84	89249	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.679	67	30137	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.888	98	78432	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.171	79	12939	5.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.624	63	47225	44.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28365	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35056	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46797	5.241	ug/L	96
3) Chloromethane	1.515	50	37709	4.098	ug/L	97
5) Vinyl chloride	1.599	62	38378	4.059	ug/L	99
6) Bromomethane	1.853	94	27478	4.882	ug/L	99
8) Chloroethane	1.930	64	22737	3.730	ug/L	99
9) Trichlorofluoromethane	2.133	101	64053	5.356	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34319	4.663	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32291	4.718	ug/L	91
13) Acetone	2.647	43	50698	46.714	ug/L	97
14) Carbon disulfide	2.785	76	91683	4.212	ug/L	99
15) Methyl Acetate	2.956	43	11596	4.161	ug/L #	87
16) Methylene chloride	3.036	84	37244	4.532	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	92930	5.298	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	33755	4.666	ug/L	93
19) 1,1-Dichloroethane	3.856	63	67479	4.788	ug/L	100
21) 2-Butanone	4.708	43	81373	46.392	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	40521	4.977	ug/L	95
23) Bromochloromethane	4.962	128	18854	5.327	ug/L #	78
25) Chloroform	5.078	83	75840	5.148	ug/L	98

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

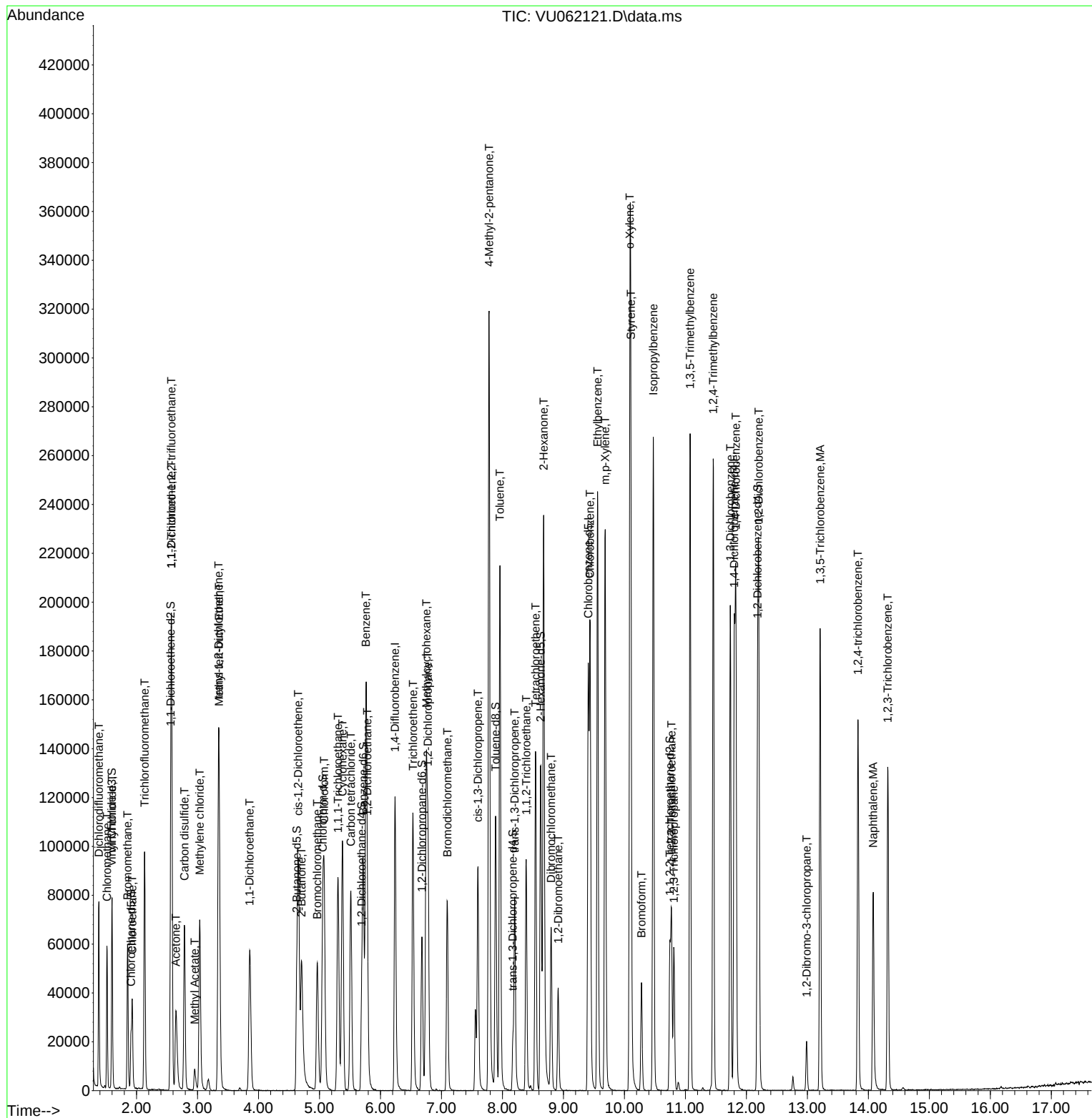
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47618	5.025	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	66311	6.079	ug/L	96
30) Cyclohexane	5.377	56	50879	4.459	ug/L	94
31) Carbon tetrachloride	5.515	117	59197	6.391	ug/L	100
33) Benzene	5.763	78	150390	5.262	ug/L	100
34) Trichloroethene	6.534	95	41744	5.473	ug/L	97
35) Methylcyclohexane	6.753	83	56506	4.843	ug/L	97
37) 1,2-Dichloropropane	6.779	63	38922	5.242	ug/L	99
38) Bromodichloromethane	7.097	83	53481	5.939	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	57472	5.520	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	196922	49.153	ug/L #	94
42) Toluene	7.959	91	163220	5.442	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	48451	5.860	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	29123	5.324	ug/L	98
47) Tetrachloroethene	8.544	164	30090	5.424	ug/L	96
48) 2-Hexanone	8.676	43	143491	47.825	ug/L #	94
49) Dibromochloromethane	8.798	129	34939	6.046	ug/L	93
50) 1,2-Dibromoethane	8.914	107	28842	5.312	ug/L #	95
51) Chlorobenzene	9.438	112	102554	4.993	ug/L	99
52) Ethylbenzene	9.560	91	175448	4.888	ug/L	99
53) m,p-Xylene	9.685	106	67750	5.349	ug/L	95
54) o-Xylene	10.090	106	66922	5.235	ug/L	99
55) Styrene	10.106	104	110764	5.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	35033	4.998	ug/L #	95
59) Bromoform	10.280	173	20355	5.693	ug/L	99
60) Isopropylbenzene	10.476	105	177893	4.744	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	25222	4.536	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	148425	4.961	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	147171	4.934	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	81926	4.921	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	81018	5.028	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	78438	5.417	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5744	6.053	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	59607	6.017	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	47524	6.260	ug/L	98
71) Naphthalene	14.081	128	73192	5.981	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	42802	6.546	ug/L	97

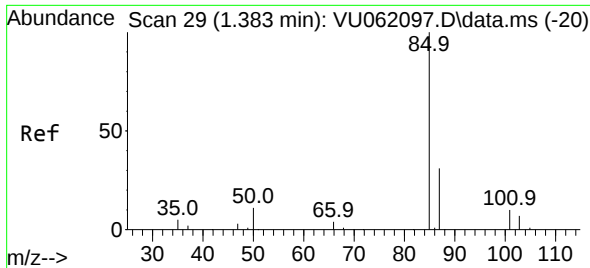
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Instrument :
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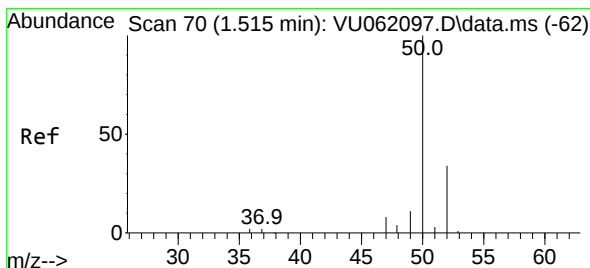
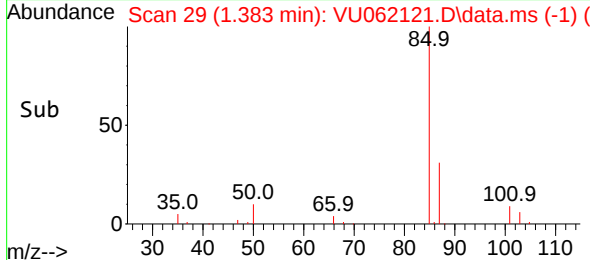
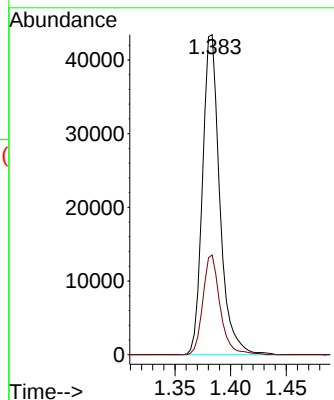
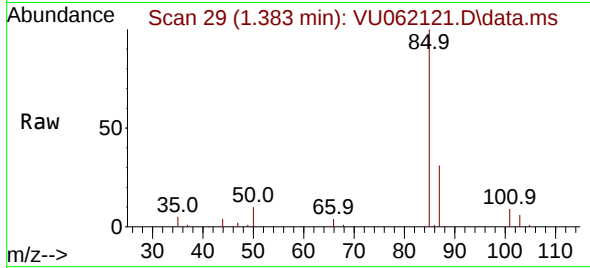




#2
 Dichlorodifluoromethane
 Concen: 5.241 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

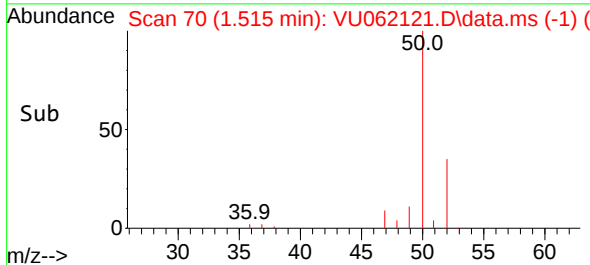
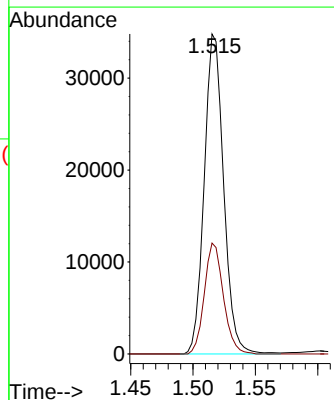
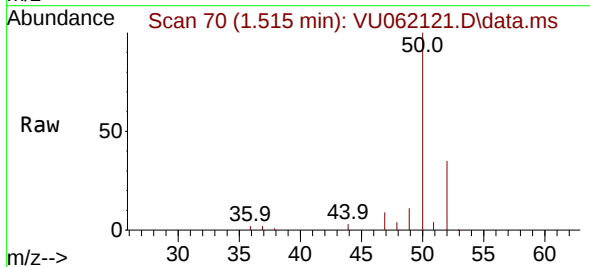
Instrument :
 MSVOA_U
 ClientSampleId :

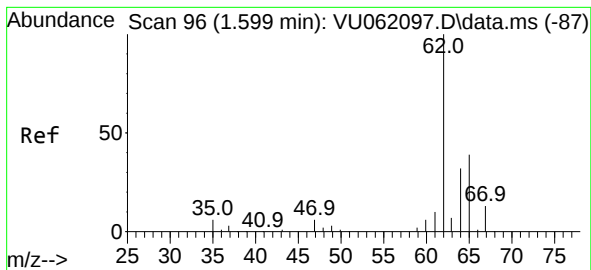
Tgt Ion: 85 Resp: 46797
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.6 40.0



#3
 Chloromethane
 Concen: 4.098 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

Tgt Ion: 50 Resp: 37709
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.1 42.9





#5

Vinyl chloride

Concen: 4.059 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

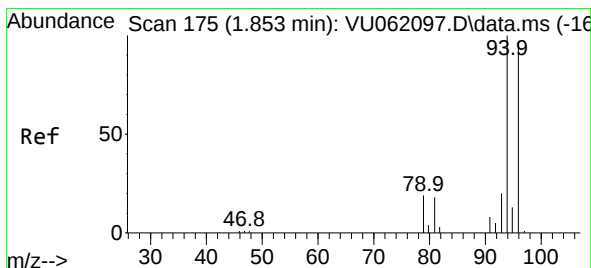
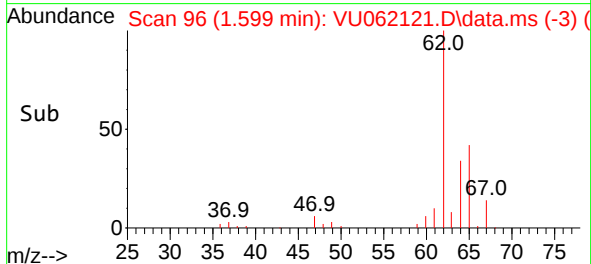
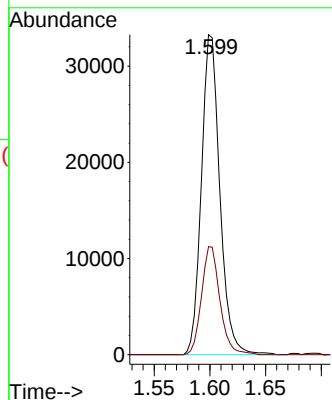
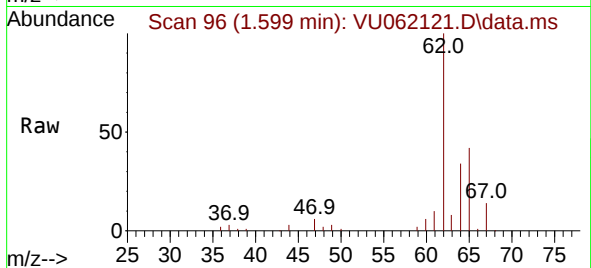
ClientSampleId :

Tgt Ion: 62 Resp: 38378

Ion Ratio Lower Upper

62 100

64 33.8 23.1 42.9



#6

Bromomethane

Concen: 4.882 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062121.D

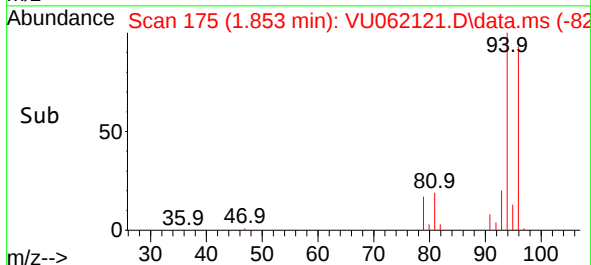
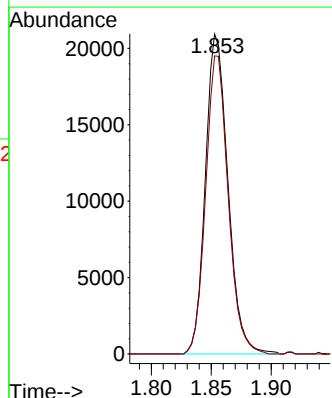
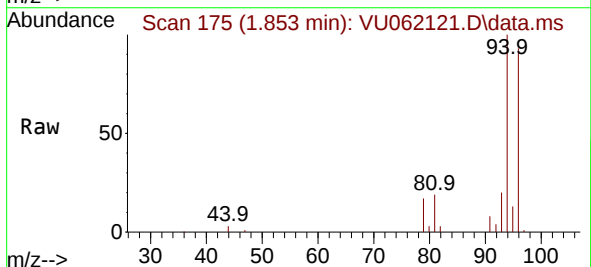
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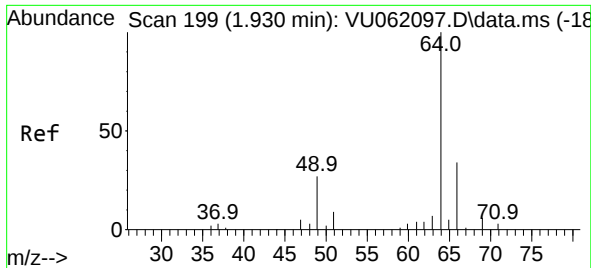
Tgt Ion: 94 Resp: 27478

Ion Ratio Lower Upper

94 100

96 93.2 64.5 119.9

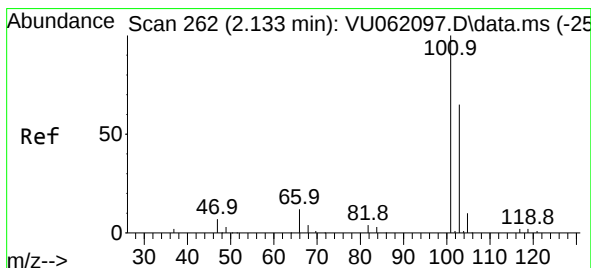
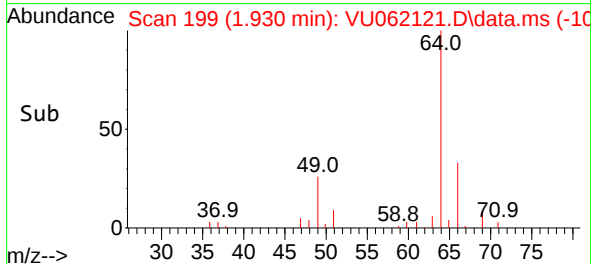
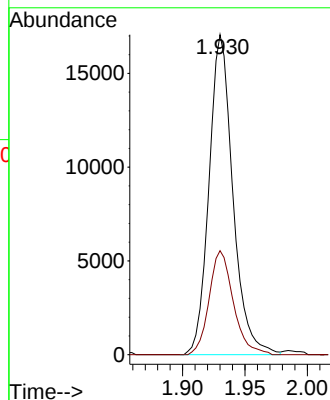
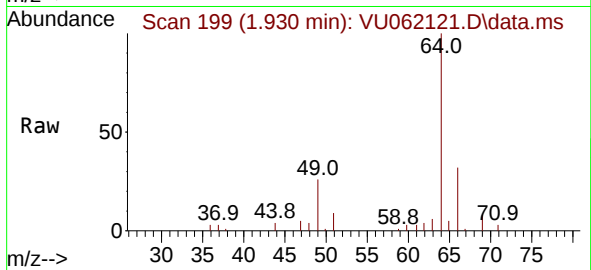




#8
Chloroethane
Concen: 3.730 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

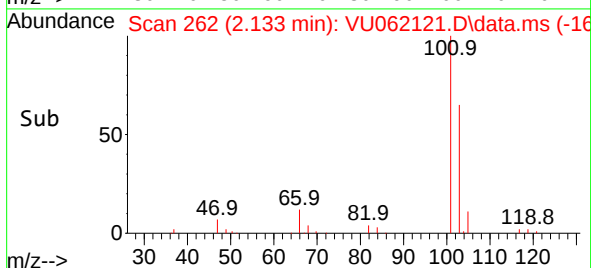
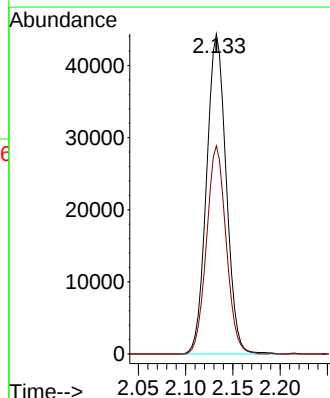
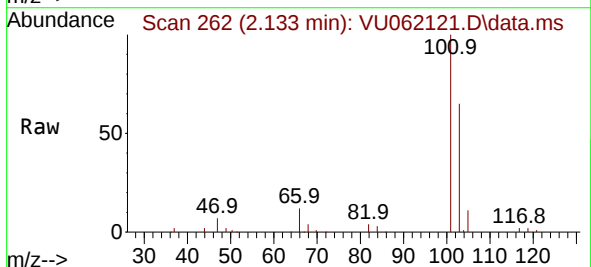
Instrument :
MSVOA_U
ClientSampleId :

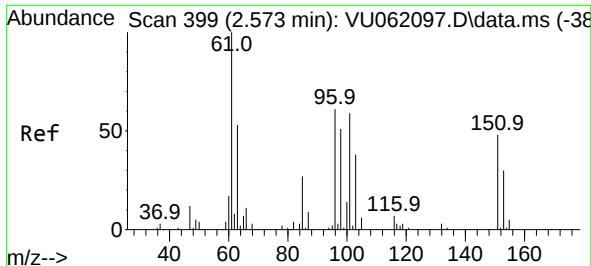
Tgt Ion: 64 Resp: 22737
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.356 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion:101 Resp: 64053
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

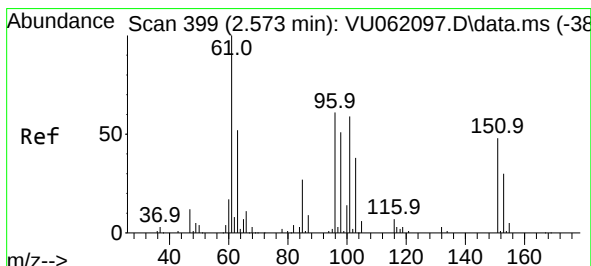
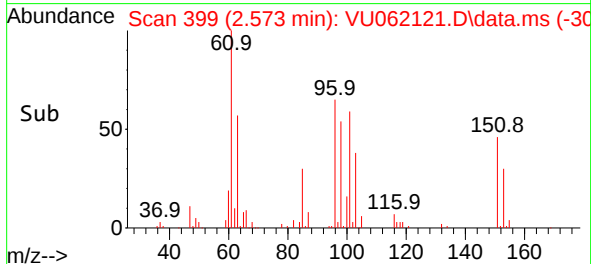
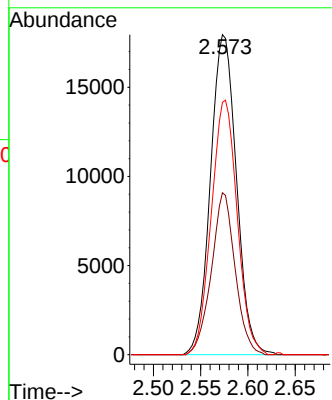
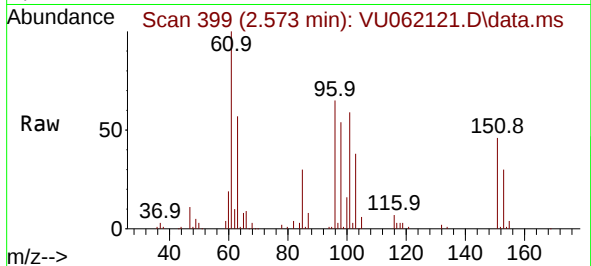




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.663 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

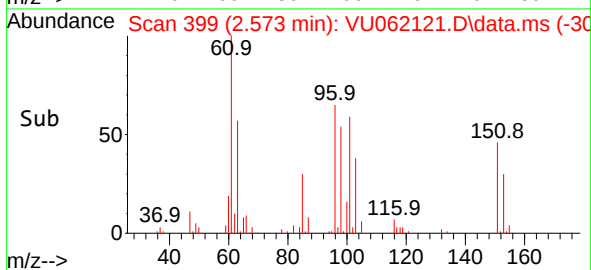
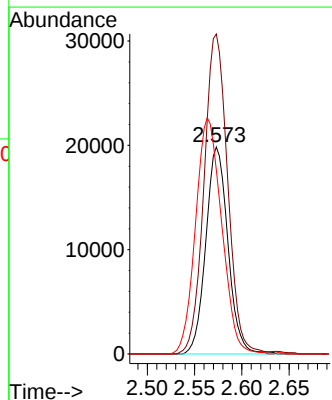
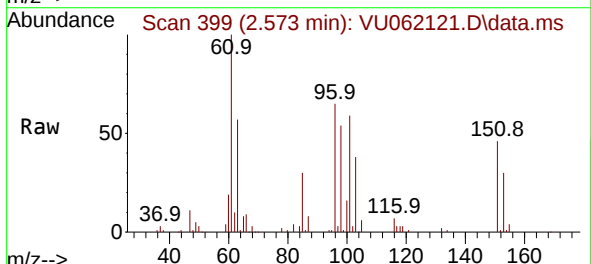
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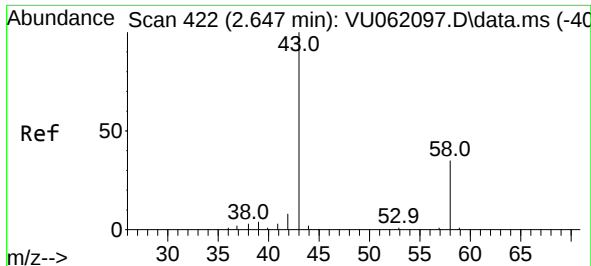
Tgt Ion:	101	Resp:	34319
Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.0	57.0
151	79.2	55.3	82.9



#12
1,1-Dichloroethene
Concen: 4.718 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion:	96	Resp:	32291
Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.6	222.2
63	88.8	65.0	120.6





#13

Acetone

Concen: 46.714 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

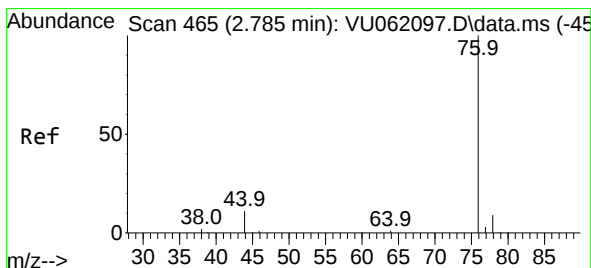
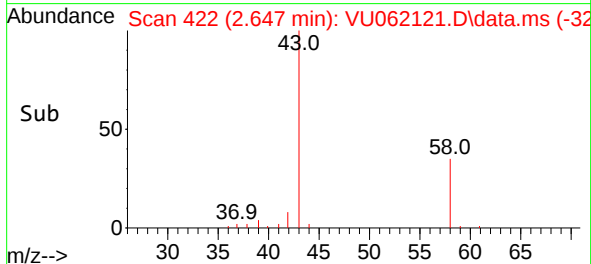
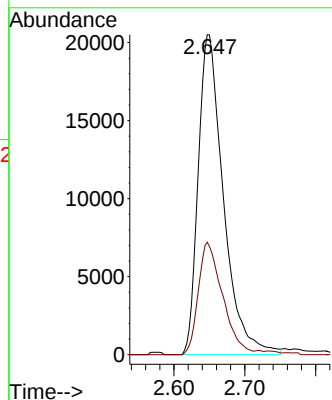
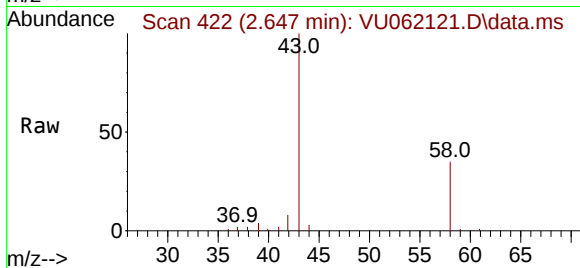
ClientSampleId :

Tgt Ion: 43 Resp: 50698

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.0



#14

Carbon disulfide

Concen: 4.212 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062121.D

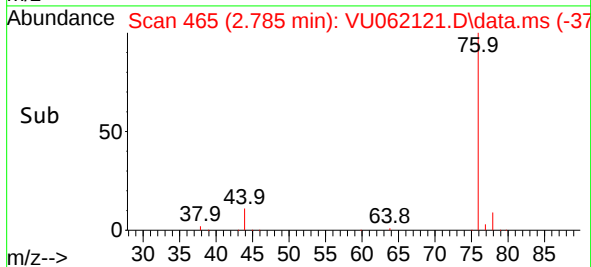
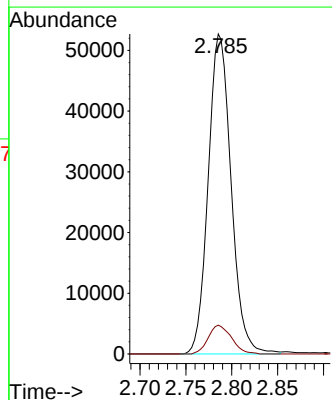
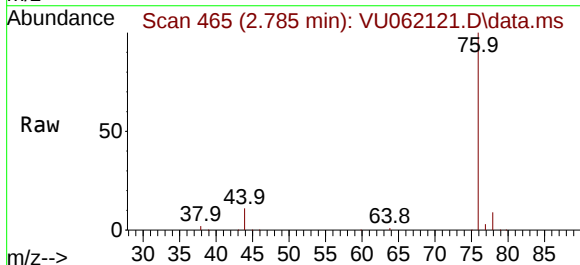
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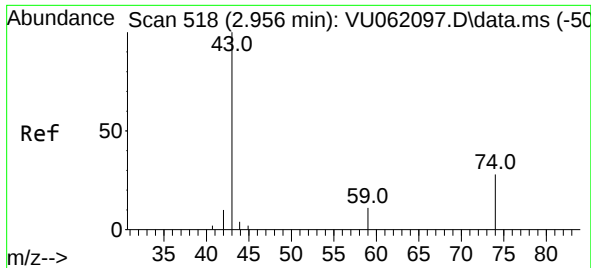
Tgt Ion: 76 Resp: 91683

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

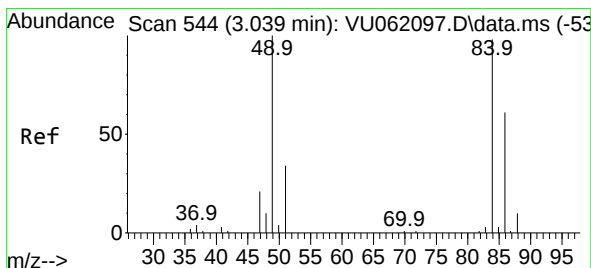
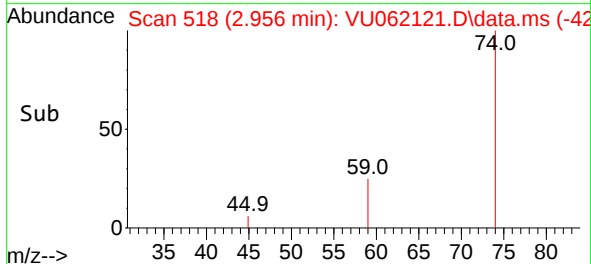
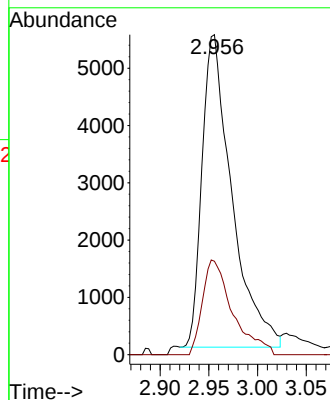
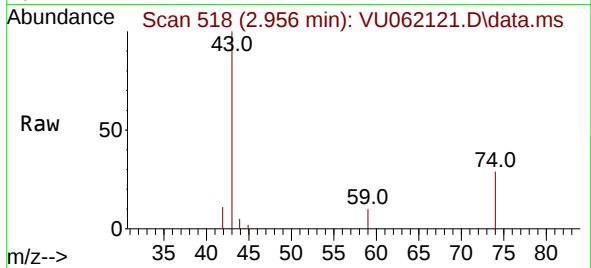




#15
Methyl Acetate
Concen: 4.161 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

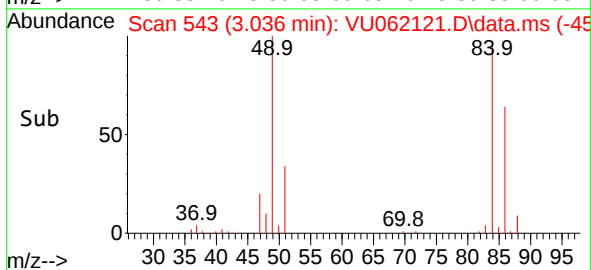
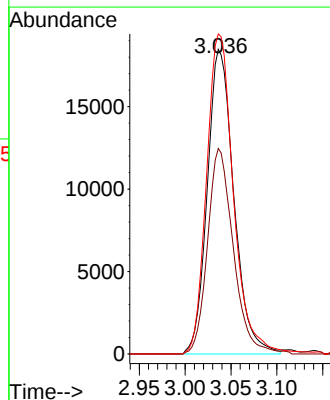
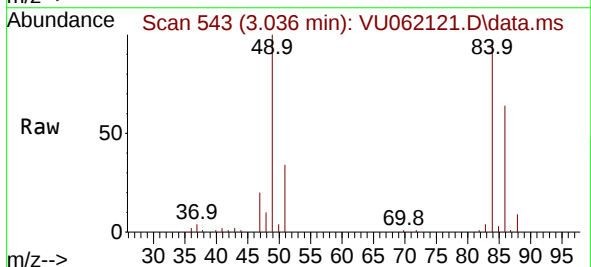
Instrument :
MSVOA_U
ClientSampleId :

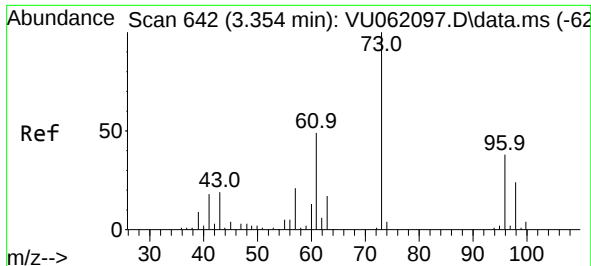
Tgt Ion: 43 Resp: 11596
Ion Ratio Lower Upper
43 100
74 30.6 19.4 29.2#



#16
Methylene chloride
Concen: 4.532 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 84 Resp: 37244
Ion Ratio Lower Upper
84 100
86 67.4 43.5 80.7
49 105.1 81.9 152.1

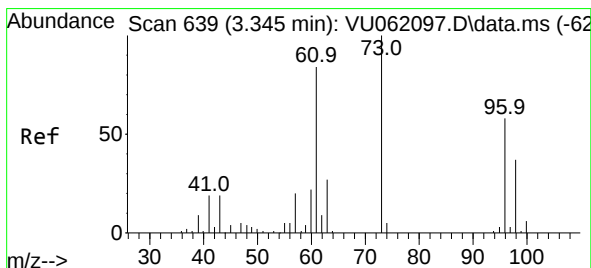
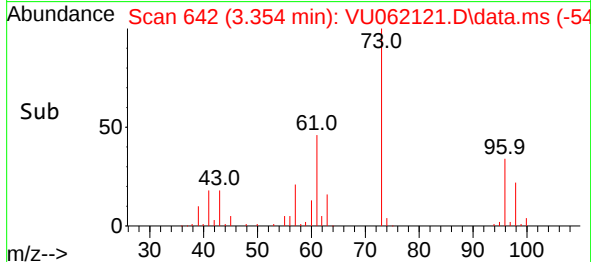
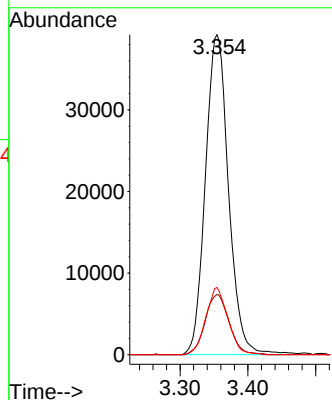
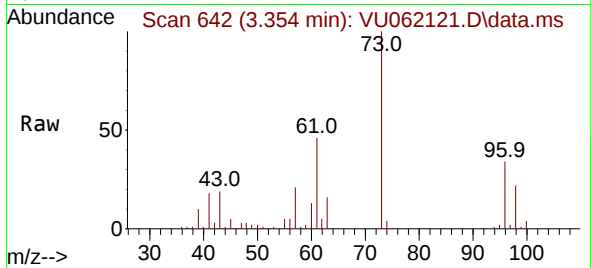




#17
Methyl tert-butyl Ether
Concen: 5.298 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

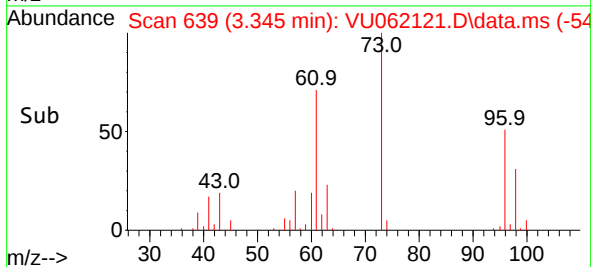
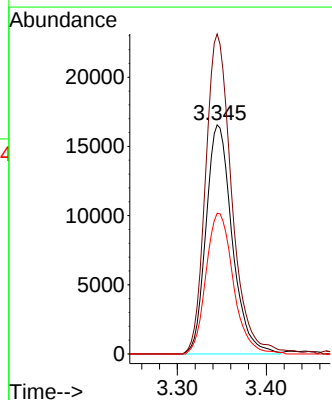
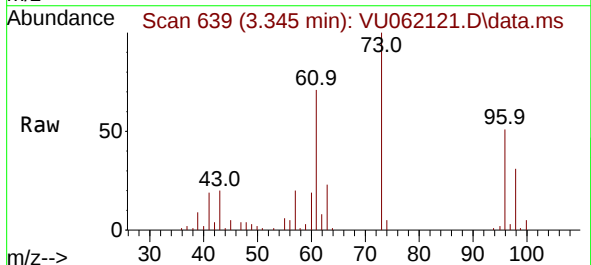
Instrument :
MSVOA_U
ClientSampleId :

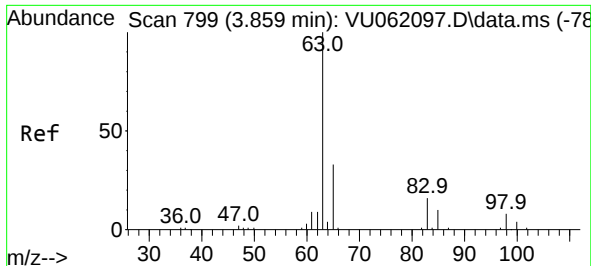
Tgt Ion: 73	Resp: 92930
Ion Ratio	Lower Upper
73 100	
43 19.5	16.3 24.5
57 20.1	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.666 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 96	Resp: 33755
Ion Ratio	Lower Upper
96 100	
61 139.7	104.2 193.4
98 61.4	45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.788 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

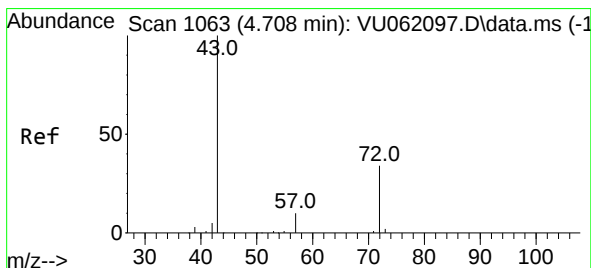
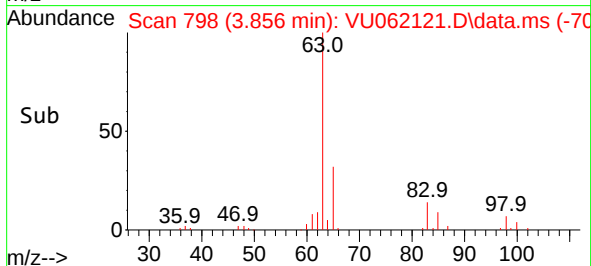
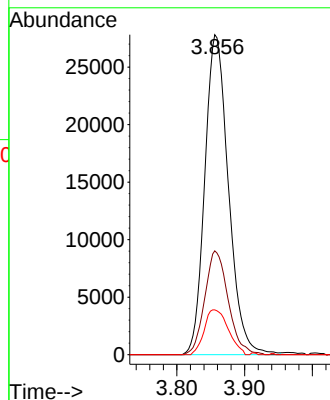
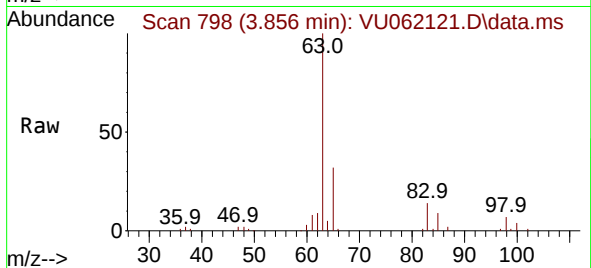
Tgt Ion: 63 Resp: 67479

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 14.0 9.9 18.3



#21

2-Butanone

Concen: 46.392 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VU062121.D

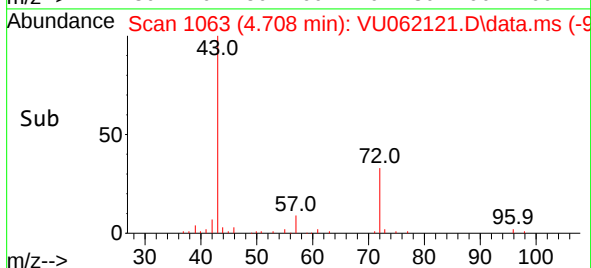
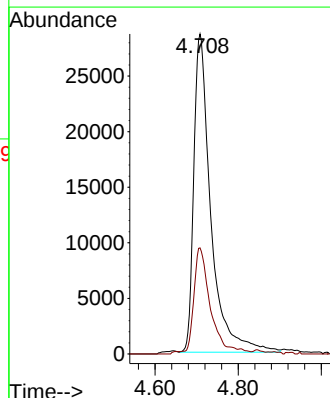
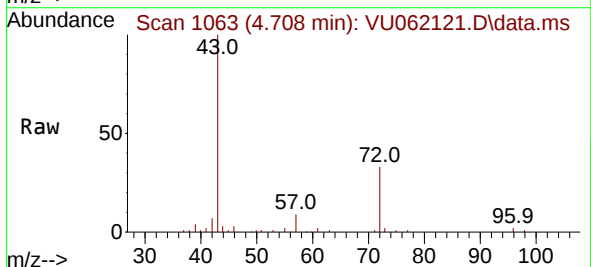
Acq: 06 Dec 2024 00:29

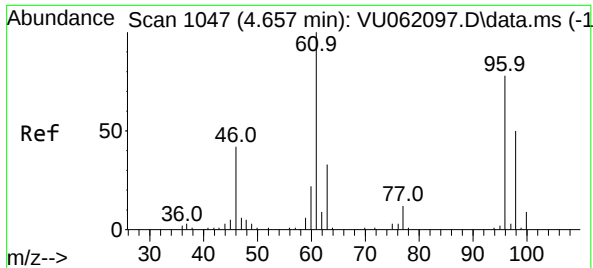
Tgt Ion: 43 Resp: 81373

Ion Ratio Lower Upper

43 100

72 29.8 14.8 44.4

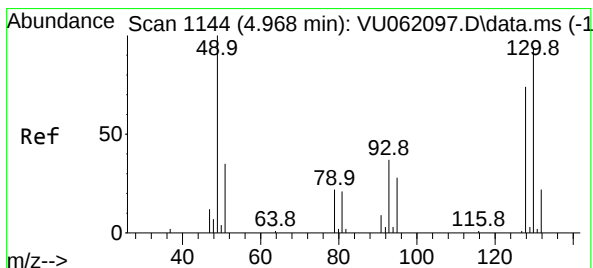
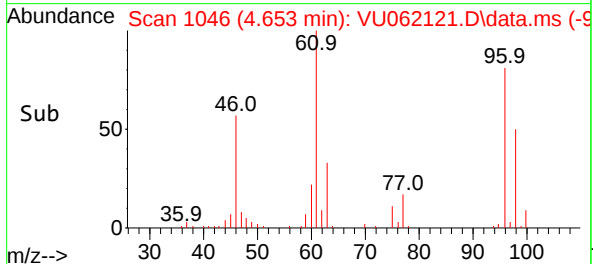
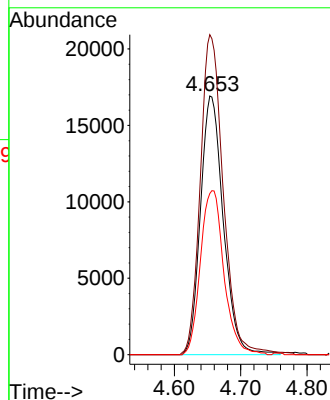
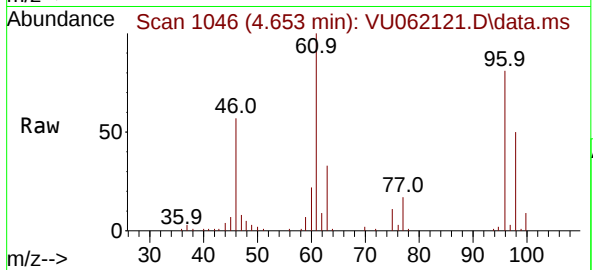




#22
 cis-1,2-Dichloroethene
 Concen: 4.977 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

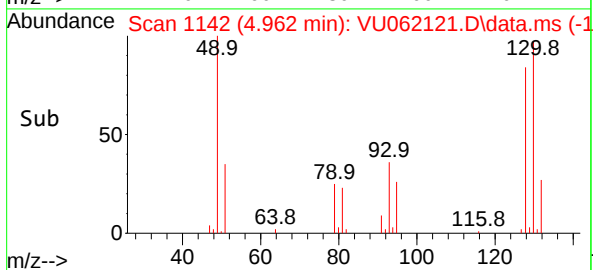
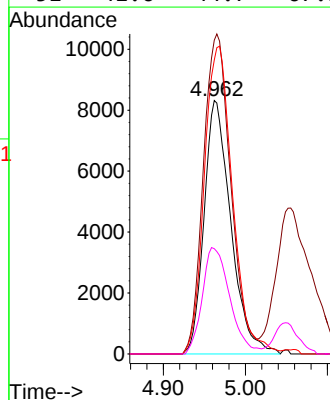
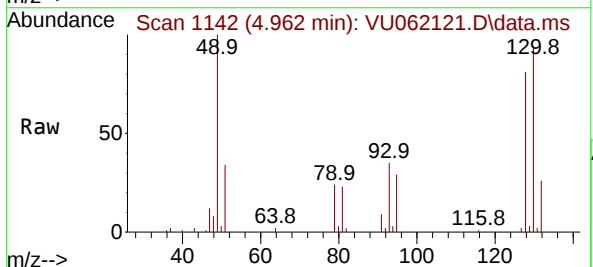
Instrument :
 MSVOA_U
 ClientSampleId :

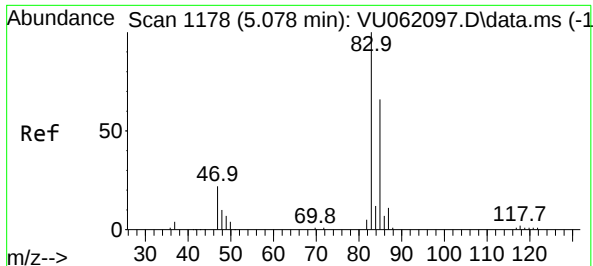
Tgt Ion: 96 Resp: 40521
 Ion Ratio Lower Upper
 96 100
 61 123.7 92.0 170.8
 98 62.2 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.327 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

Tgt Ion: 128 Resp: 18854
 Ion Ratio Lower Upper
 128 100
 49 123.7 115.3 214.1
 130 115.9 92.0 170.8
 51 41.6 44.7 67.1#





#25

Chloroform

Concen: 5.148 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

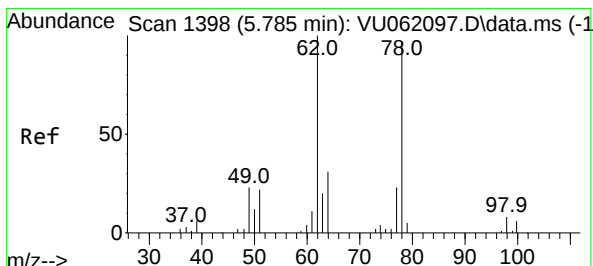
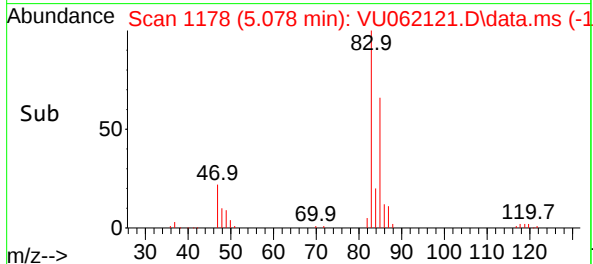
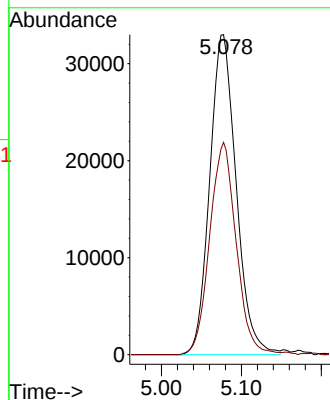
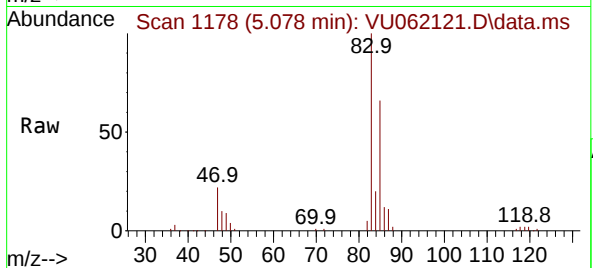
ClientSampleId :

Tgt Ion: 83 Resp: 75840

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.025 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062121.D

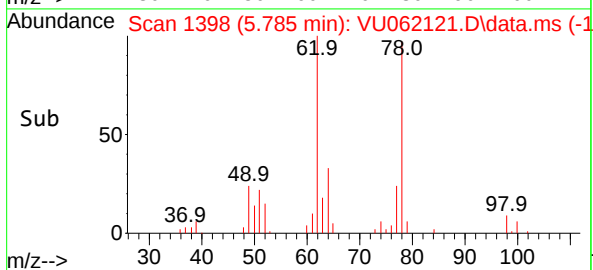
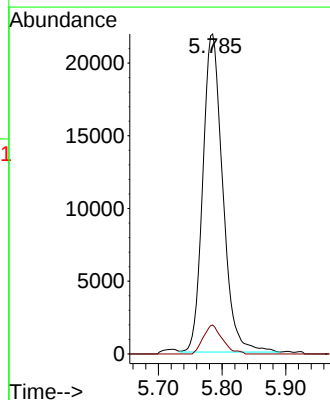
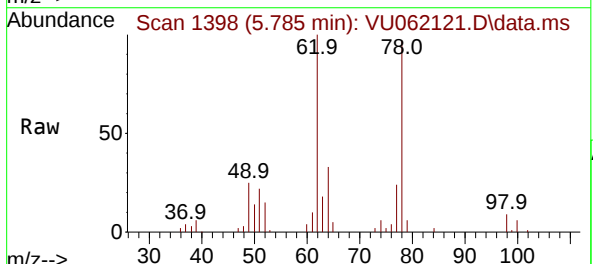
Acq: 06 Dec 2024 00:29

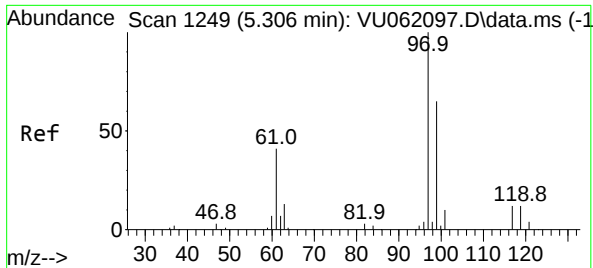
Tgt Ion: 62 Resp: 47618

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

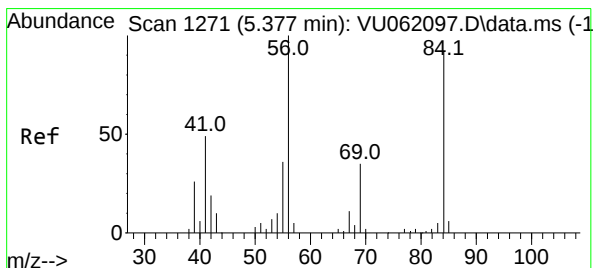
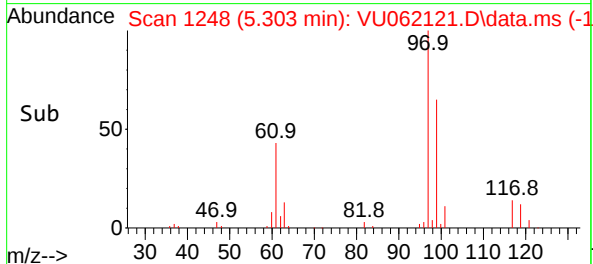
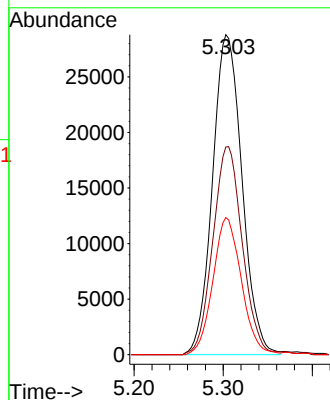
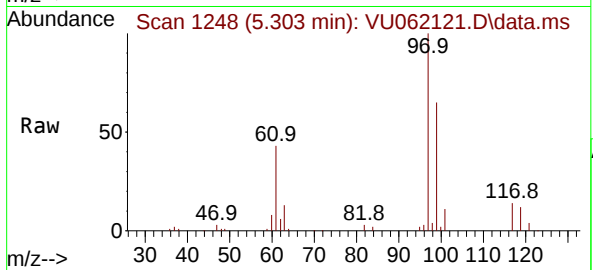




#29
1,1,1-Trichloroethane
Concen: 6.079 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

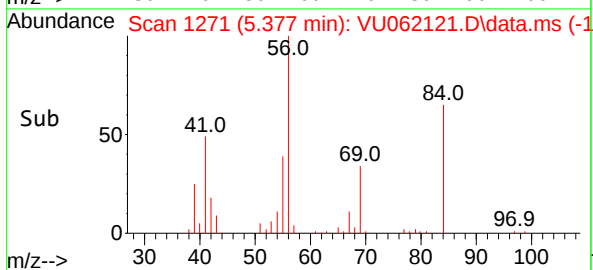
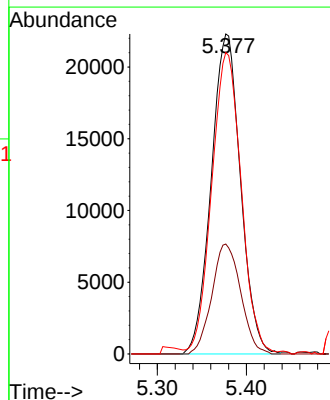
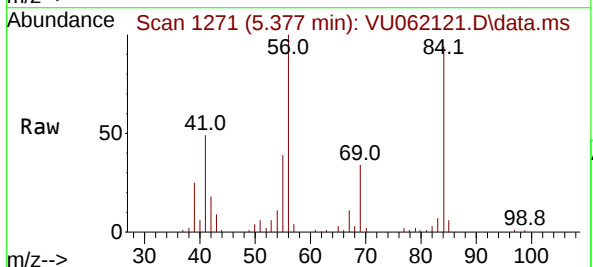
Instrument :
MSVOA_U
ClientSampleId :

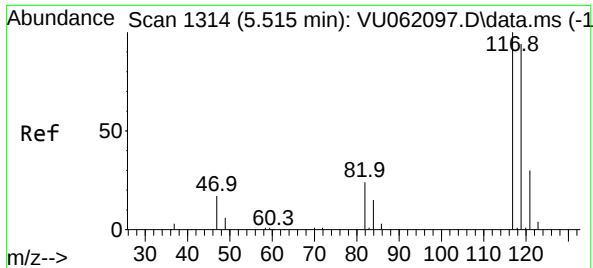
Tgt Ion: 97 Resp: 66311
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 41.3 37.8 56.6



#30
Cyclohexane
Concen: 4.459 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 56 Resp: 50879
Ion Ratio Lower Upper
56 100
69 33.8 25.1 37.7
84 93.8 70.6 105.8

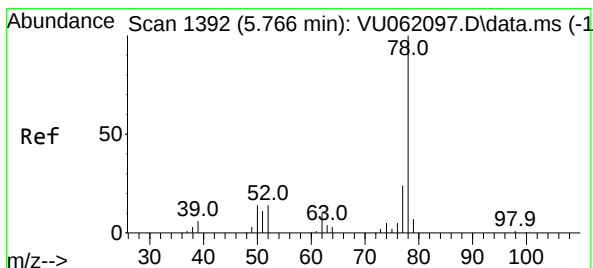
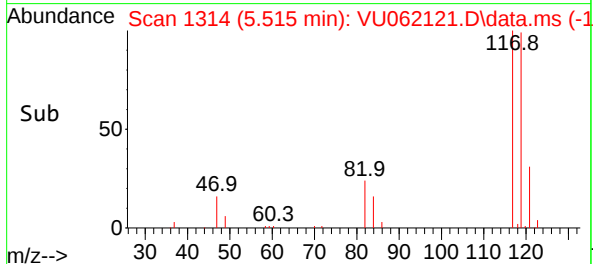
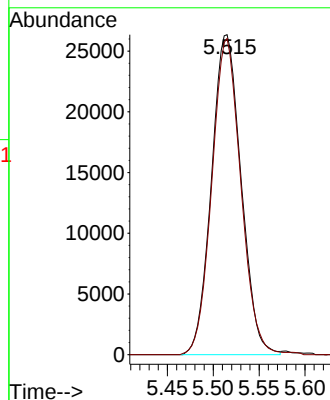
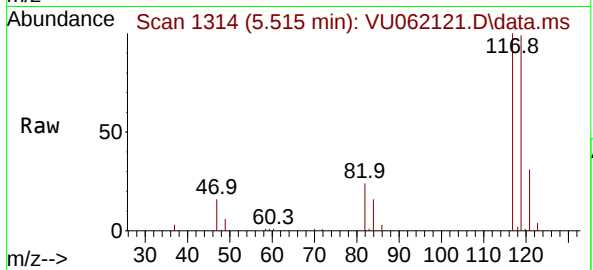




#31
Carbon tetrachloride
Concen: 6.391 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

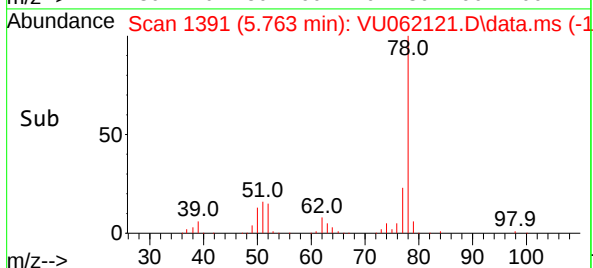
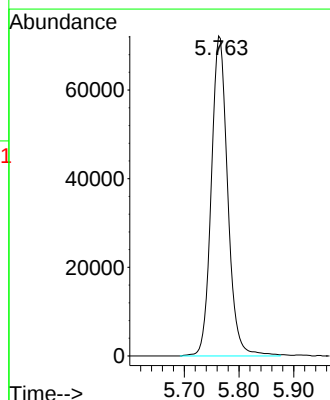
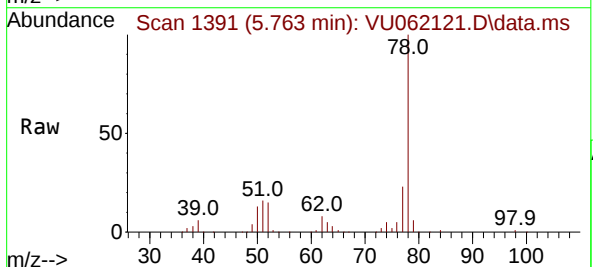
Instrument :
MSVOA_U
ClientSampleId :

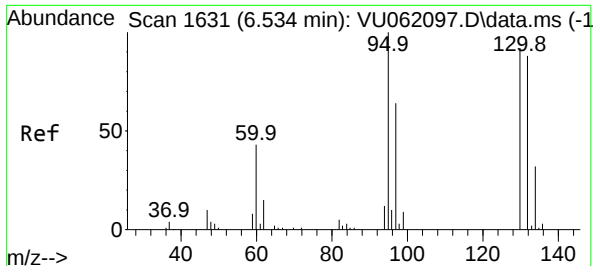
Tgt Ion:117 Resp: 59197
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 5.262 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 78 Resp: 150390





#34

Trichloroethene

Concen: 5.473 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 41744

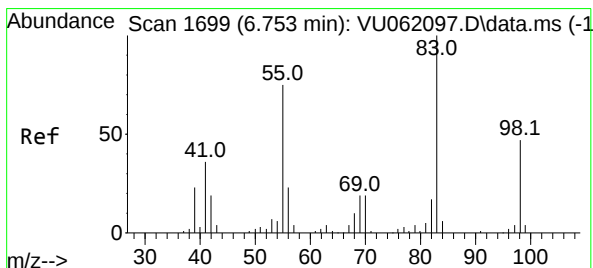
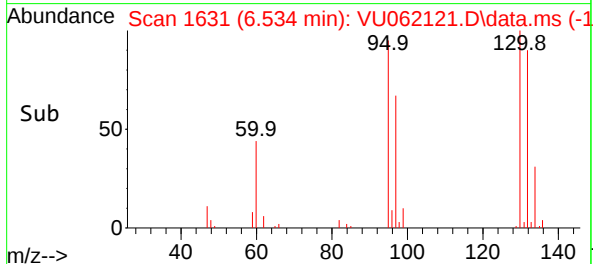
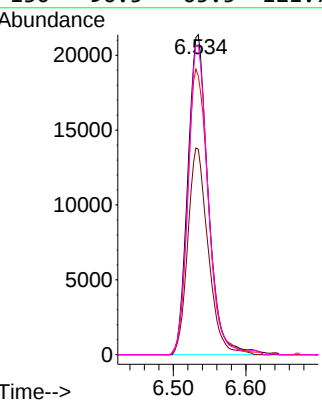
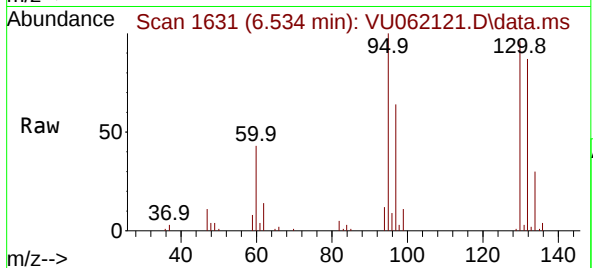
Ion Ratio Lower Upper

95 100

97 64.2 45.9 85.3

132 87.2 63.8 118.4

130 96.5 65.5 121.7



#35

Methylcyclohexane

Concen: 4.843 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

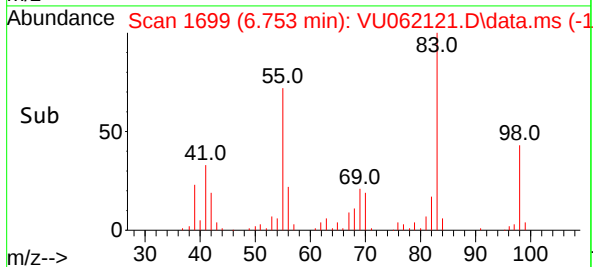
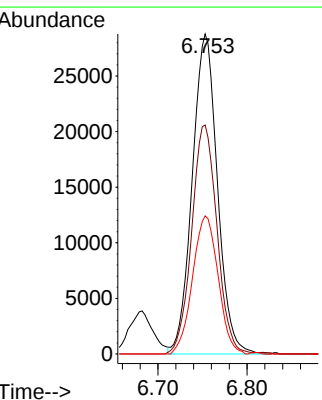
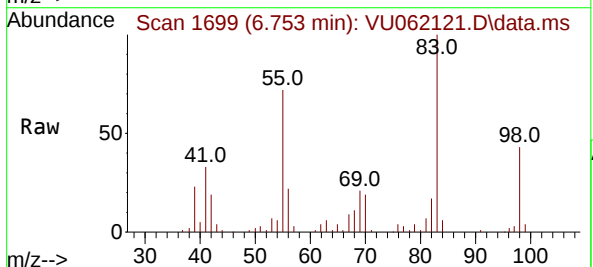
Tgt Ion: 83 Resp: 56506

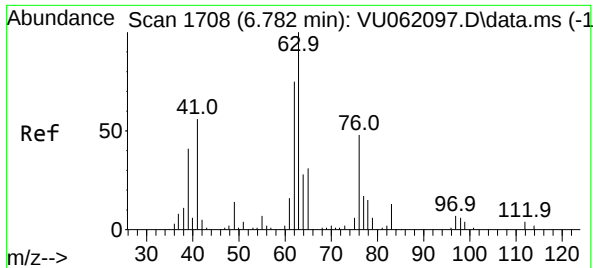
Ion Ratio Lower Upper

83 100

55 71.7 60.7 91.1

98 43.7 34.8 52.2

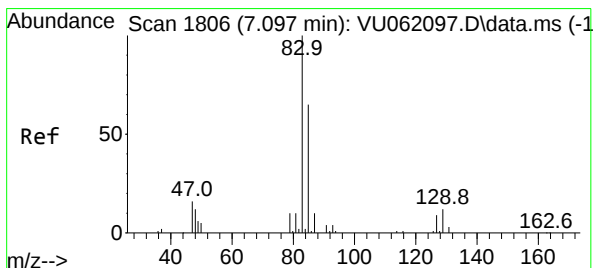
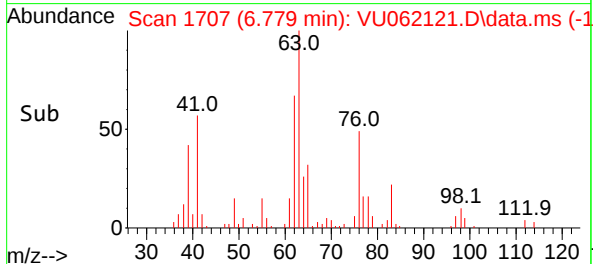
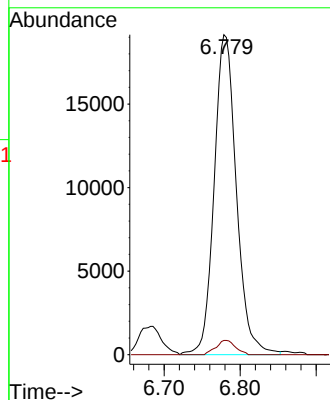
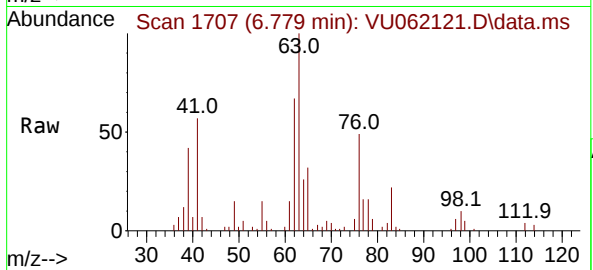




#37
1,2-Dichloropropane
Concen: 5.242 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

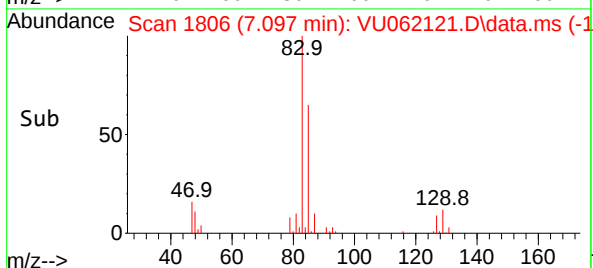
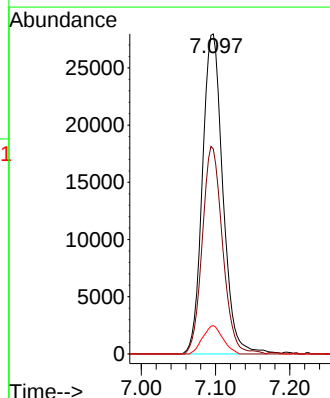
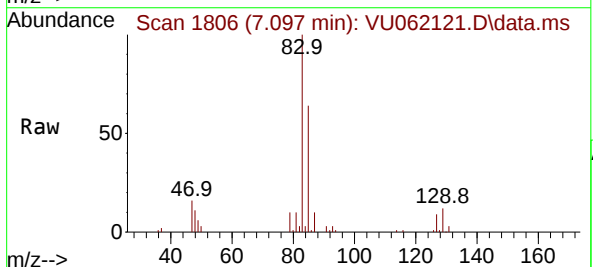
Instrument :
MSVOA_U
ClientSampleId :

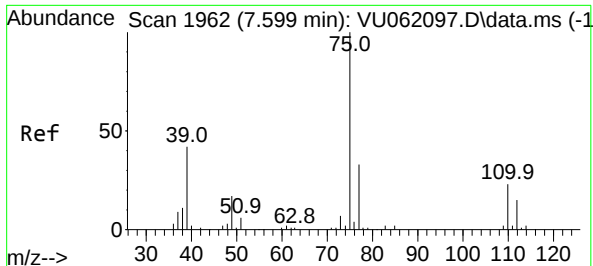
Tgt Ion: 63 Resp: 38922
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.939 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 83 Resp: 53481
Ion Ratio Lower Upper
83 100
85 64.0 44.1 81.9
127 8.8 6.9 10.3

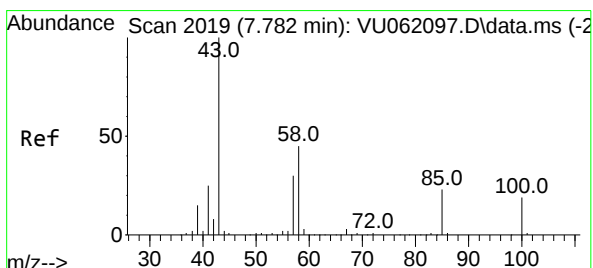
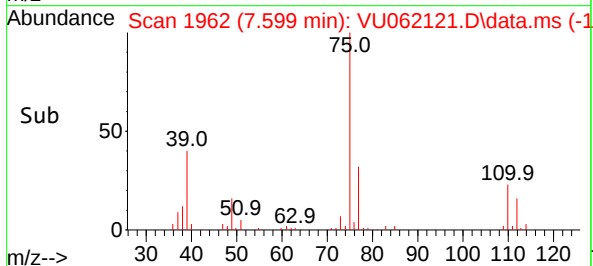
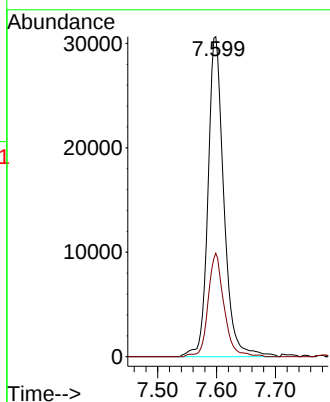
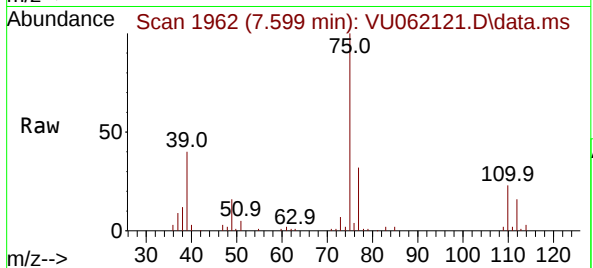




#39
 cis-1,3-Dichloropropene
 Concen: 5.520 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

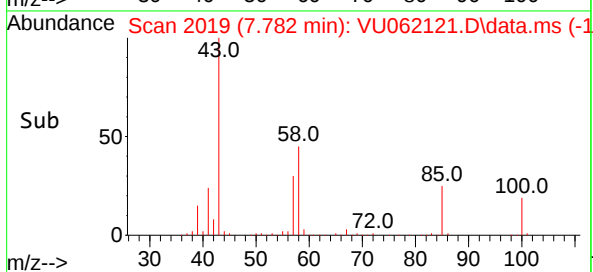
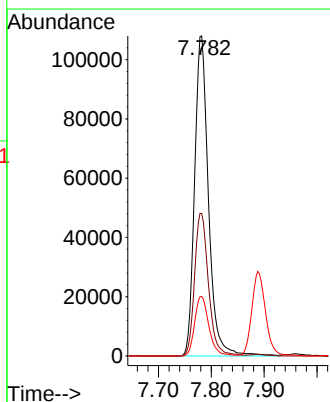
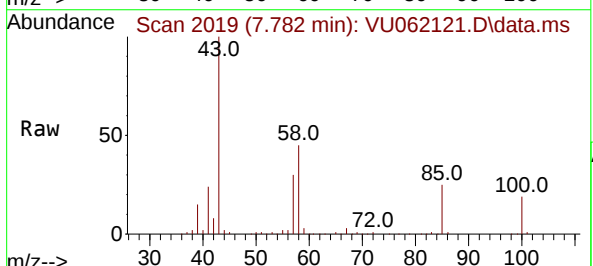
Instrument :
 MSVOA_U
 ClientSampleId :

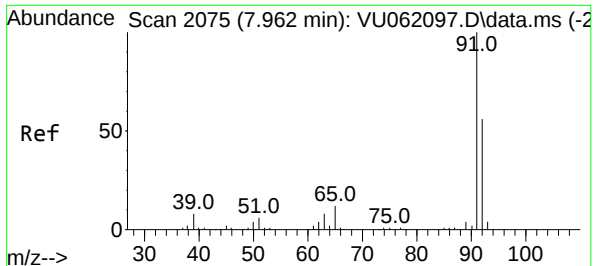
Tgt Ion: 75 Resp: 57472
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 49.153 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062121.D
 Acq: 06 Dec 2024 00:29

Tgt Ion: 43 Resp: 196922
 Ion Ratio Lower Upper
 43 100
 58 44.7 33.3 49.9
 100 19.0 12.4 18.6





#42

Toluene

Concen: 5.442 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

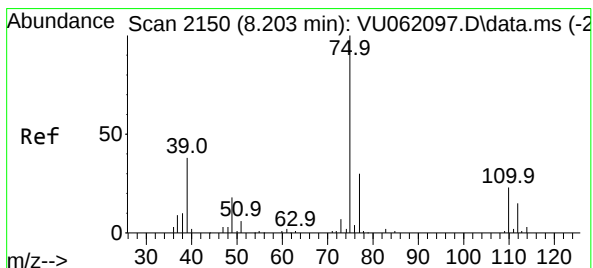
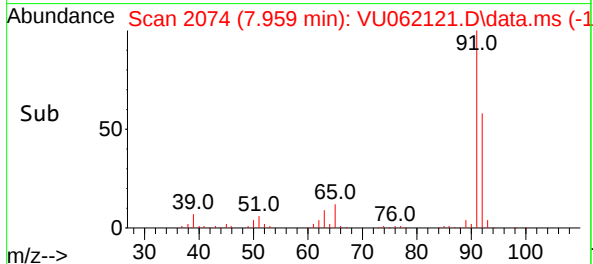
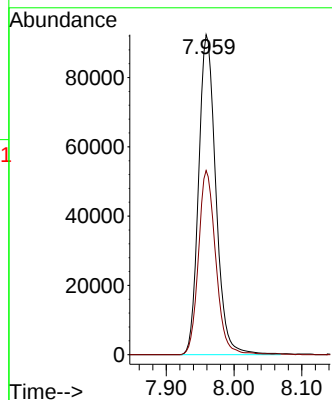
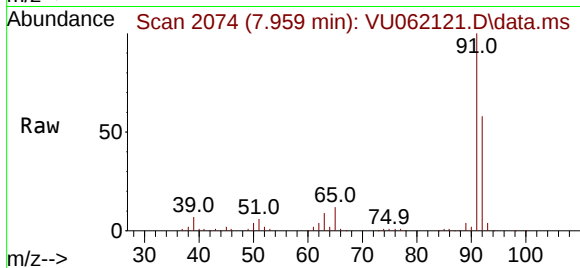
ClientSampleId :

Tgt Ion: 91 Resp: 163220

Ion Ratio Lower Upper

91 100

92 57.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.860 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062121.D

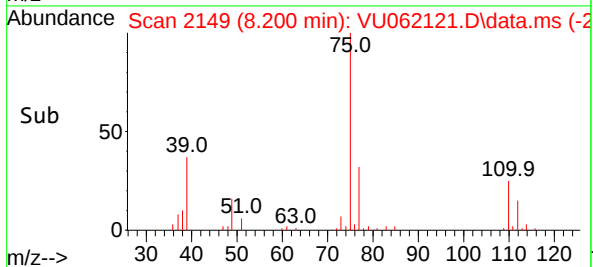
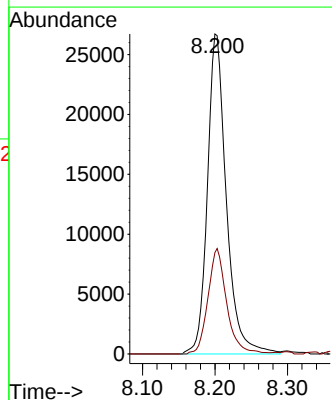
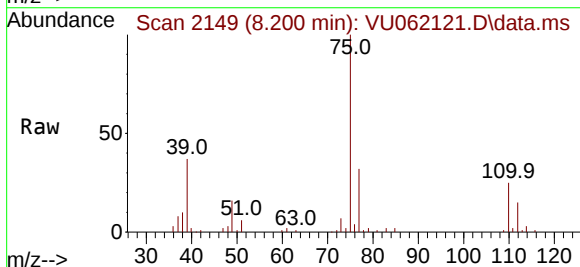
Acq: 06 Dec 2024 00:29

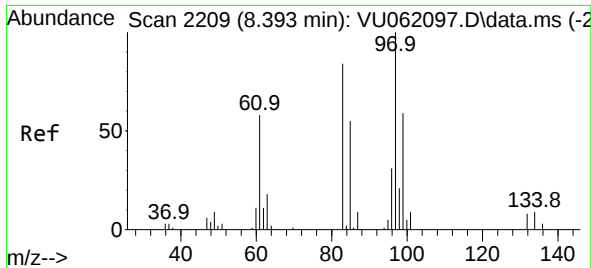
Tgt Ion: 75 Resp: 48451

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



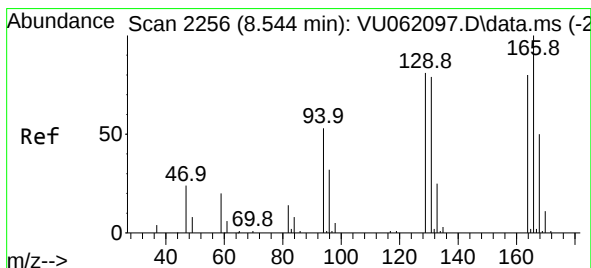
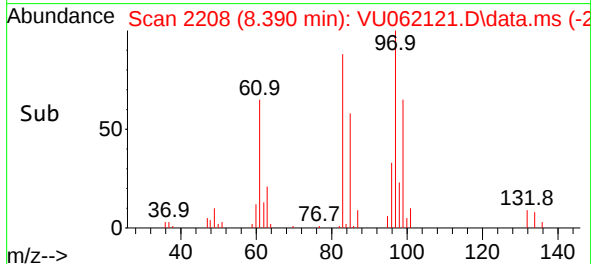
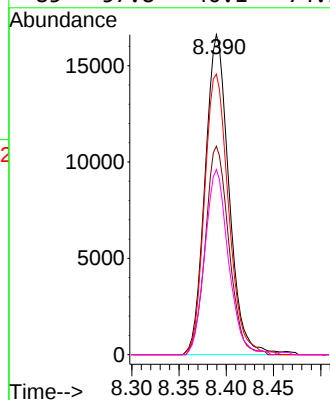
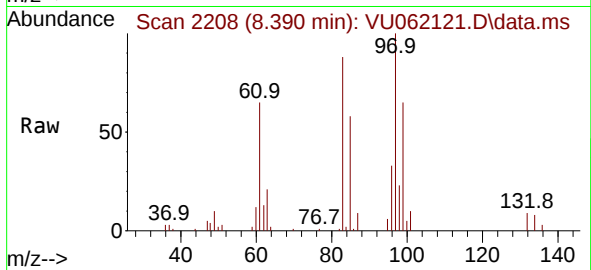


#45
1,1,2-Trichloroethane
Concen: 5.324 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 29123

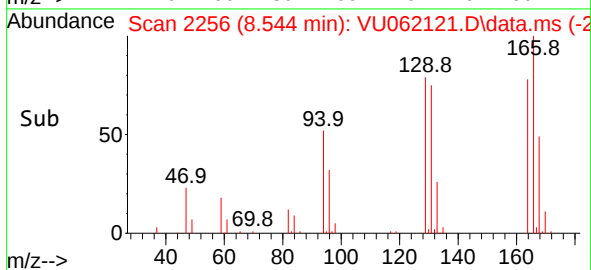
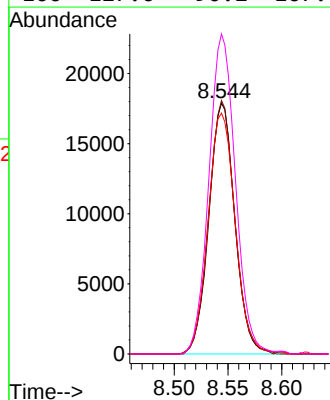
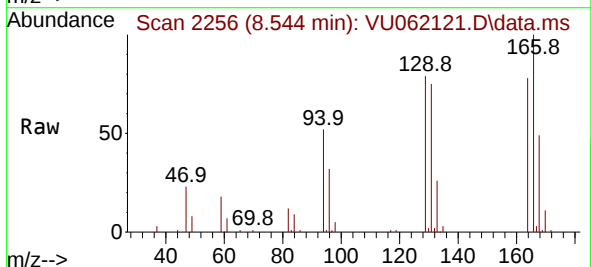
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.0	79.8
83	87.7	61.7	114.5
85	57.8	40.1	74.5

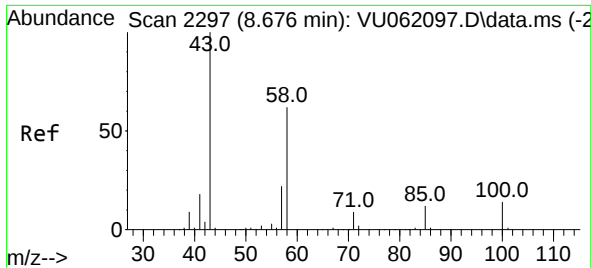


#47
Tetrachloroethene
Concen: 5.424 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 164 Resp: 30090

Ion	Ratio	Lower	Upper
164	100		
129	101.1	73.2	136.0
131	96.0	72.3	134.3
166	127.6	90.2	167.4

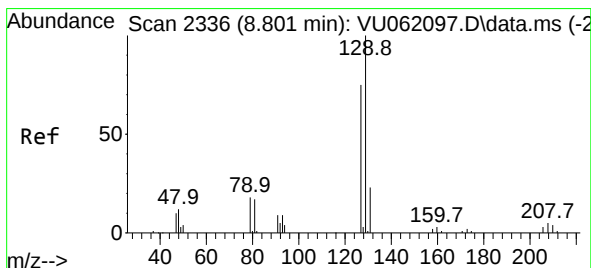
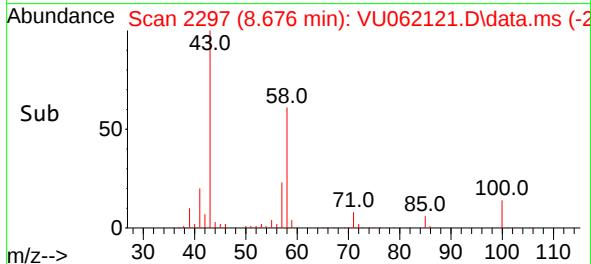
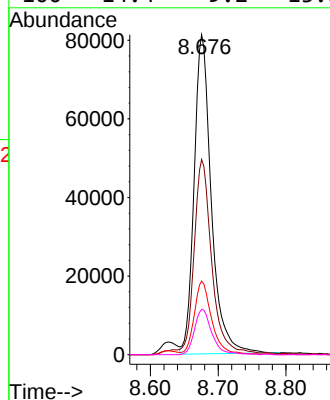
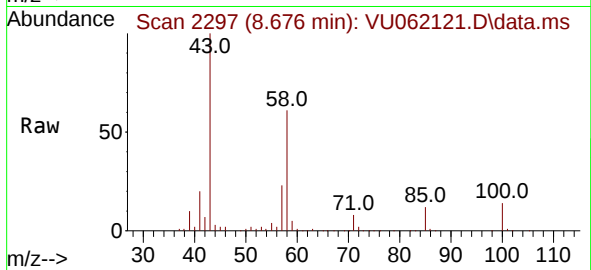




#48
2-Hexanone
Concen: 47.825 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

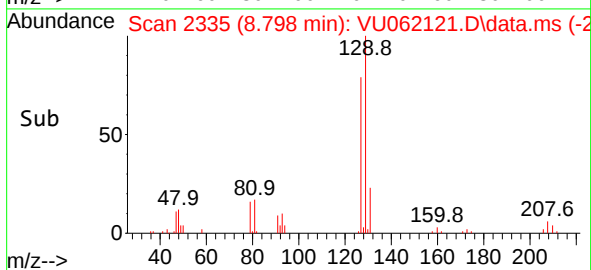
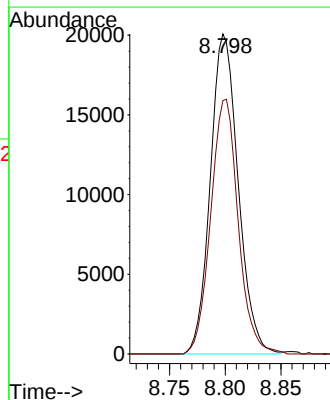
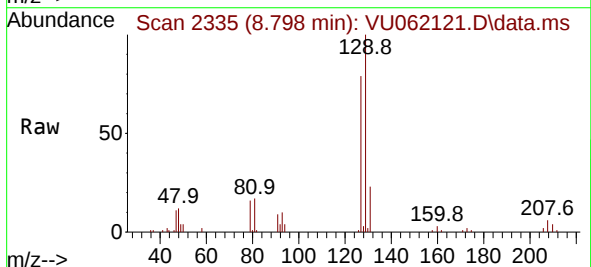
Instrument :
MSVOA_U
ClientSampleId :

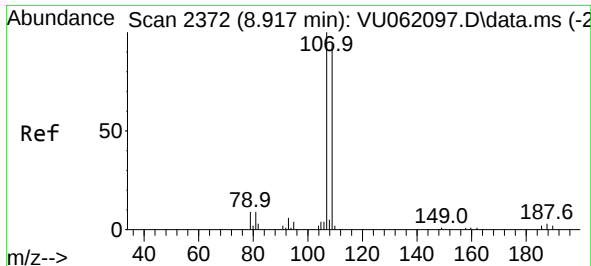
Tgt Ion: 43 Resp: 143491
Ion Ratio Lower Upper
43 100
58 63.8 47.5 71.3
57 22.8 15.6 23.4
100 14.4 9.2 13.8#



#49
Dibromochloromethane
Concen: 6.046 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion:129 Resp: 34939
Ion Ratio Lower Upper
129 100
127 79.2 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.312 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

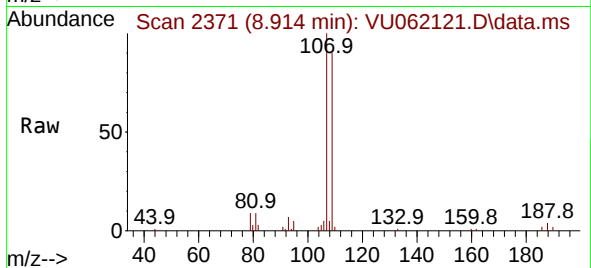
Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

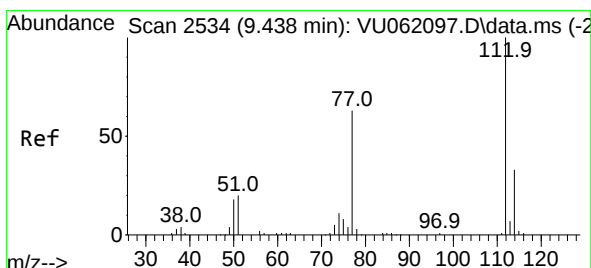
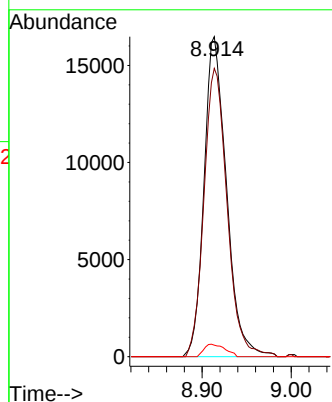
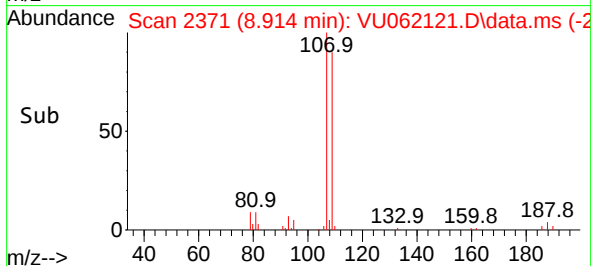
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	28842
Ion	Ratio	Lower	Upper
107	100		
109	90.1	66.8	124.2
188	3.6	2.3	3.5#



#51

Chlorobenzene

Concen: 4.993 ug/L

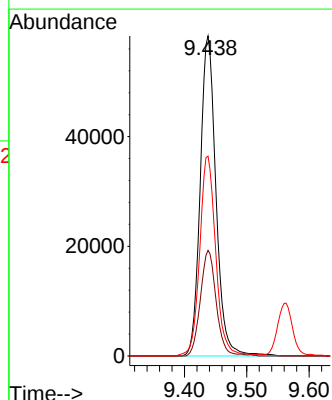
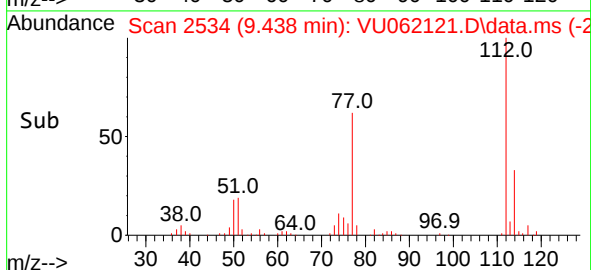
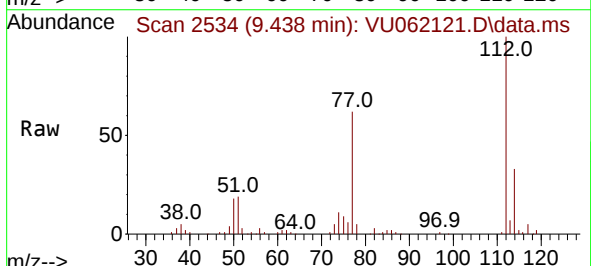
RT: 9.438 min Scan# 2534

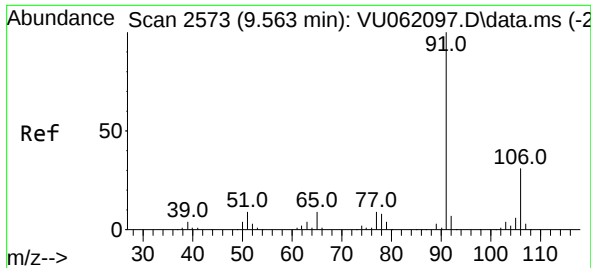
Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Tgt Ion:	112	Resp:	102554
Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.0	42.6
77	62.4	50.5	75.7

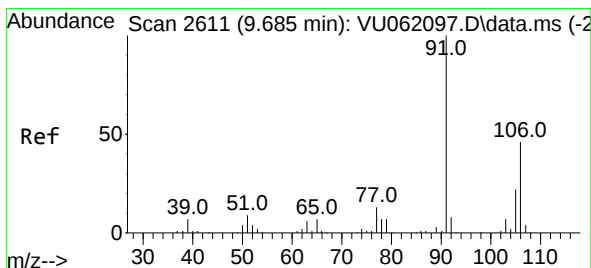
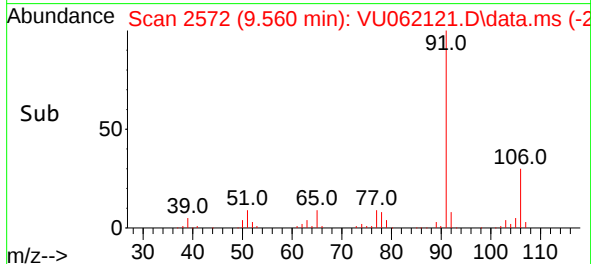
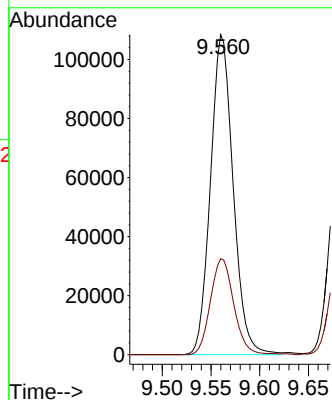
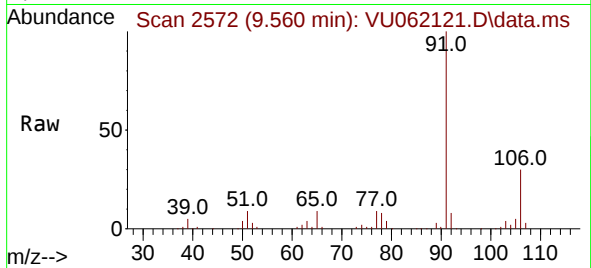




#52
Ethylbenzene
Concen: 4.888 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

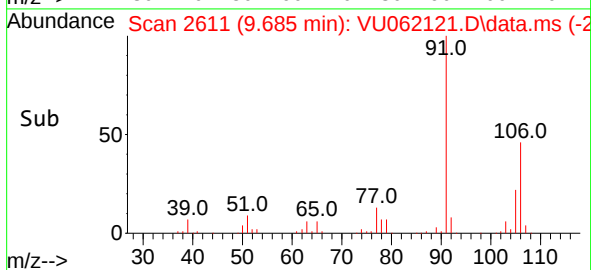
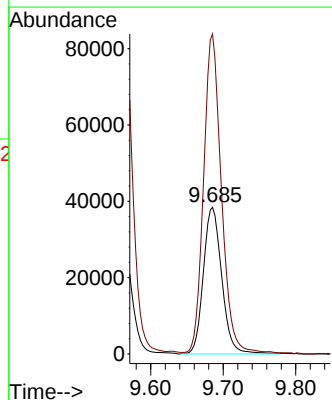
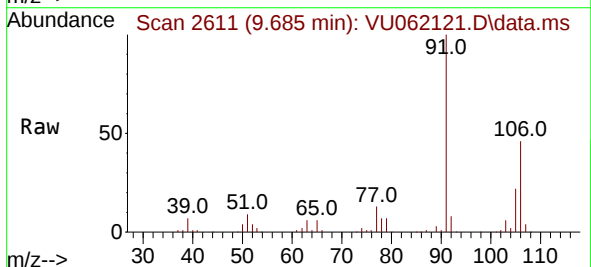
Instrument :
MSVOA_U
ClientSampleId :

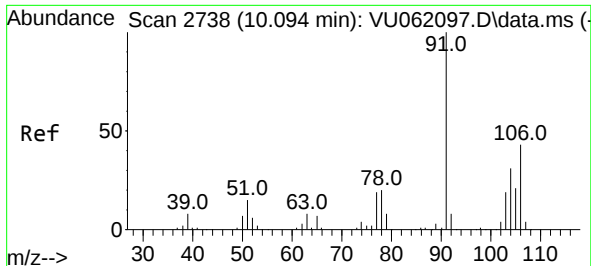
Tgt Ion: 91 Resp: 175448
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 5.349 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion: 106 Resp: 67750
Ion Ratio Lower Upper
106 100
91 218.1 147.6 274.0

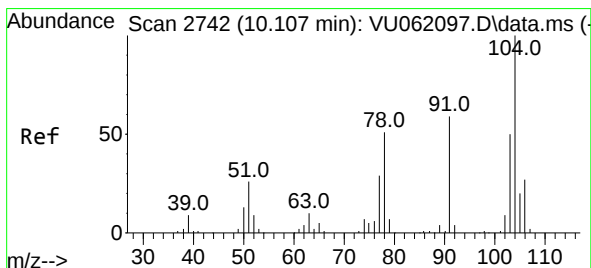
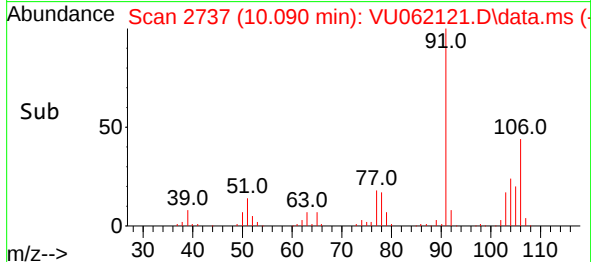
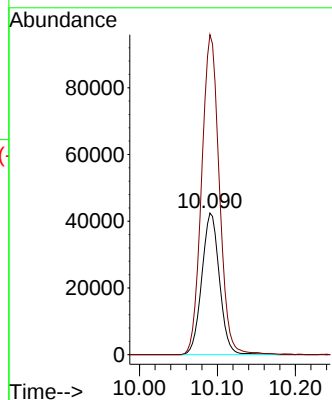
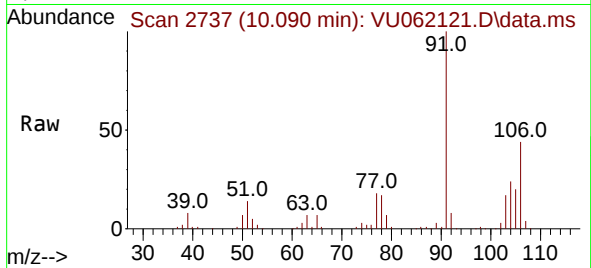




#54
o-Xylene
Concen: 5.235 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

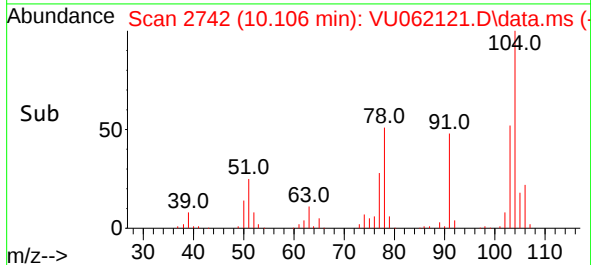
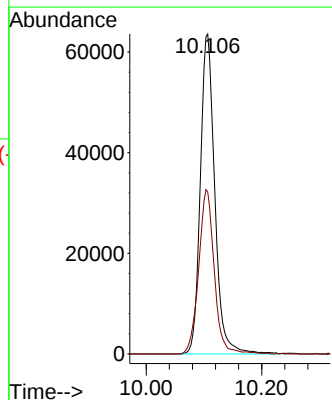
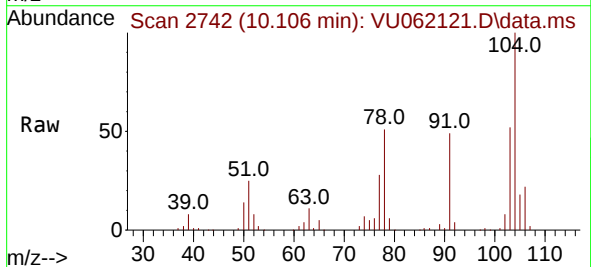
Instrument :
MSVOA_U
ClientSampleId :

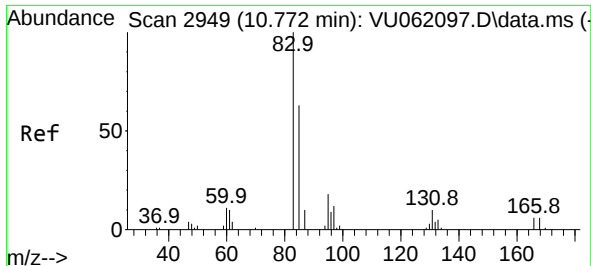
Tgt Ion:106 Resp: 66922
Ion Ratio Lower Upper
106 100
91 225.9 159.8 296.8



#55
Styrene
Concen: 5.259 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion:104 Resp: 110764
Ion Ratio Lower Upper
104 100
78 50.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.998 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062121.D

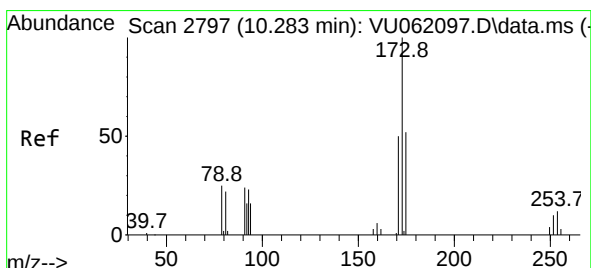
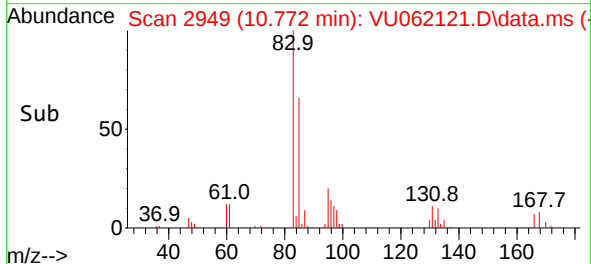
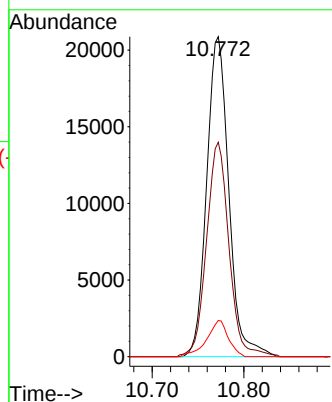
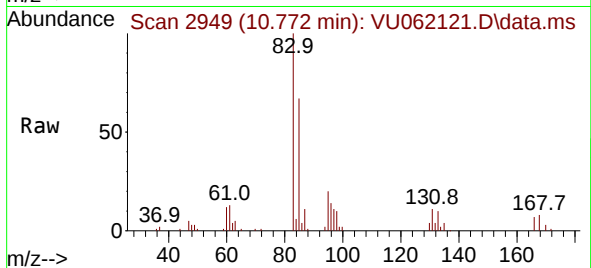
Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 35033
Ion Ratio	Lower Upper
83 100	
85 67.0	44.4 82.4
131 11.3	7.3 10.9#



#59

Bromoform

Concen: 5.693 ug/L

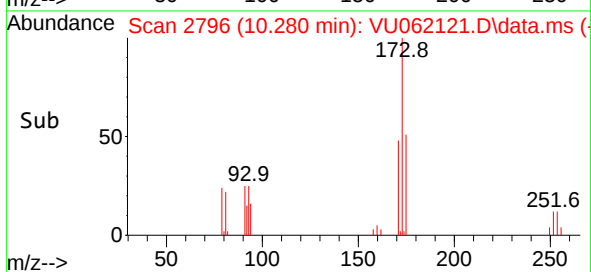
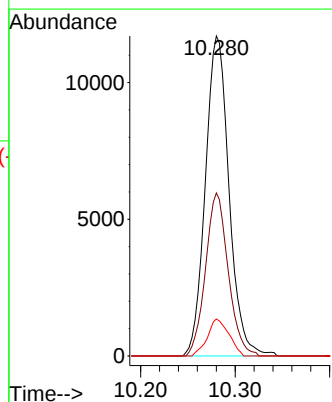
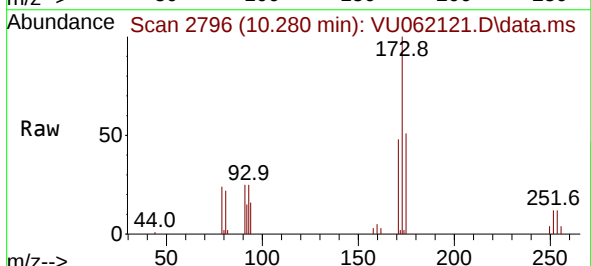
RT: 10.280 min Scan# 2796

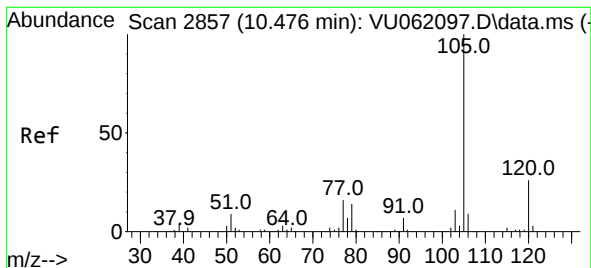
Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Tgt Ion: 173	Resp: 20355
Ion Ratio	Lower Upper
173 100	
175 48.7	39.0 58.4
254 10.5	7.4 11.0





#60

Isopropylbenzene

Concen: 4.744 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

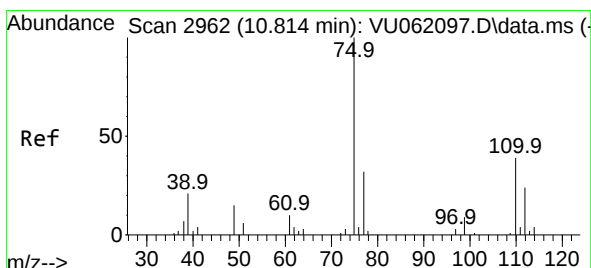
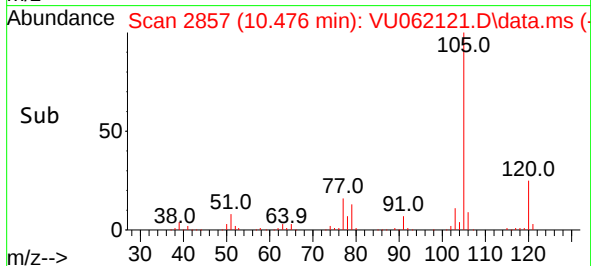
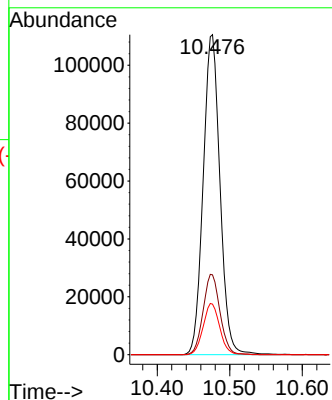
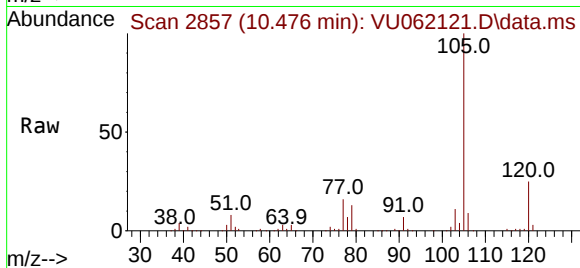
Tgt Ion:105 Resp: 177893

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 15.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.536 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

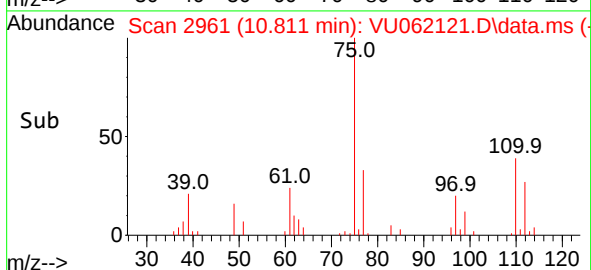
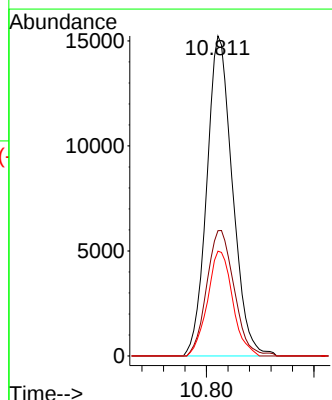
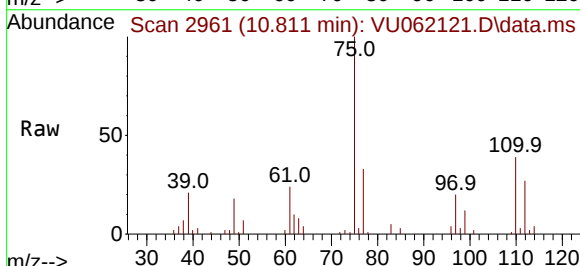
Tgt Ion: 75 Resp: 25222

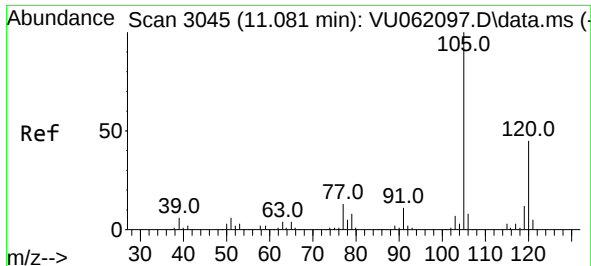
Ion Ratio Lower Upper

75 100

110 41.8 28.9 43.3

77 32.1 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.961 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

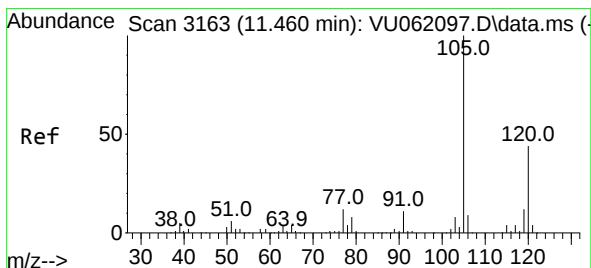
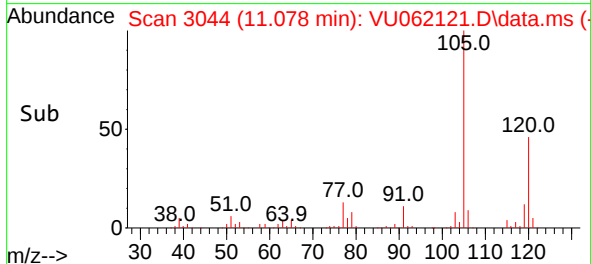
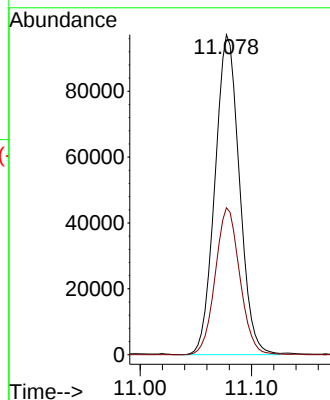
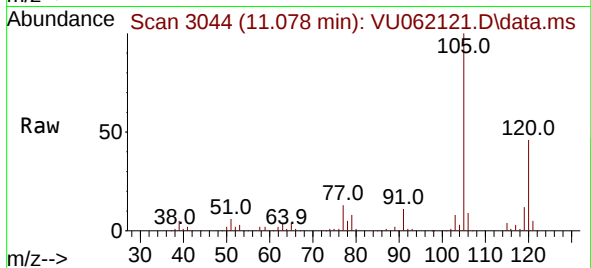
ClientSampleId :

Tgt Ion:105 Resp: 148425

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.934 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062121.D

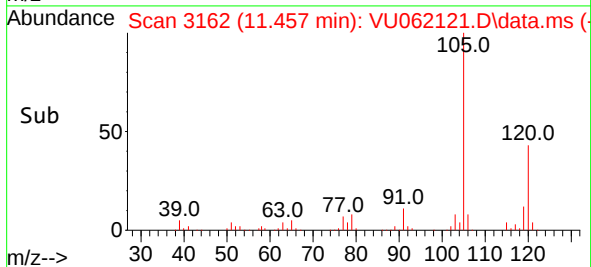
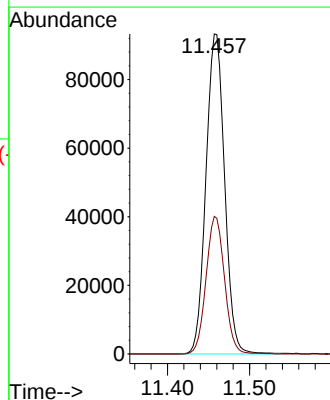
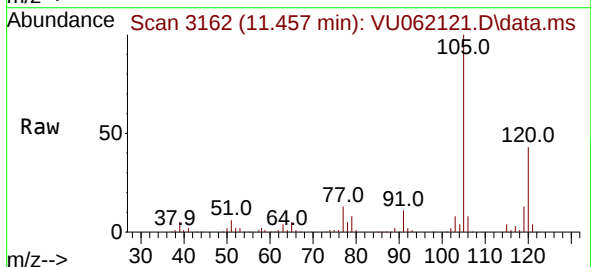
Acq: 06 Dec 2024 00:29

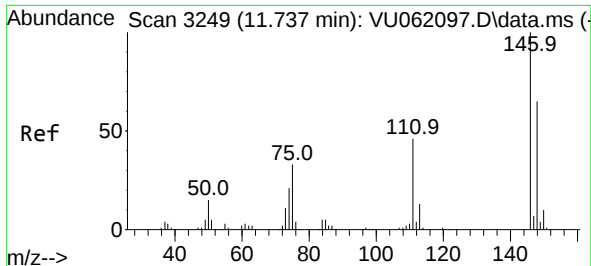
Tgt Ion:105 Resp: 147171

Ion Ratio Lower Upper

105 100

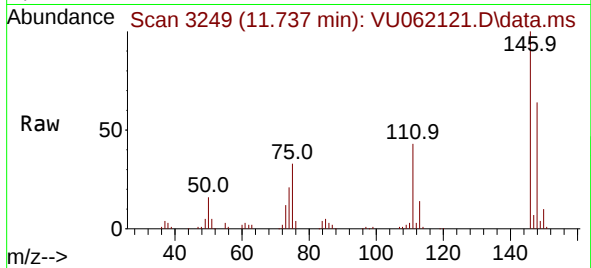
120 42.6 34.7 52.1



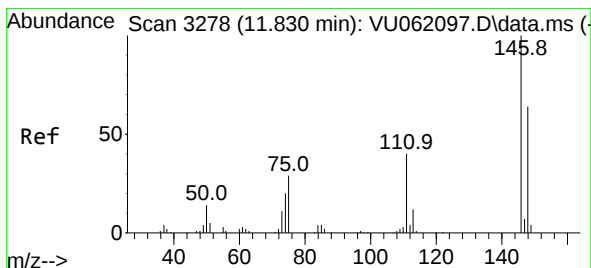
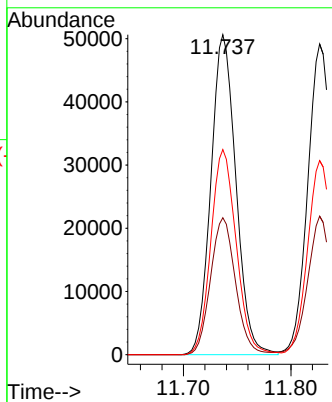
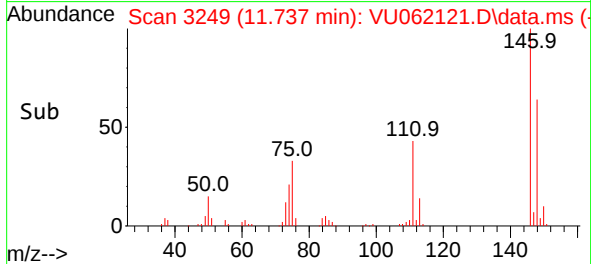


#64
1,3-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

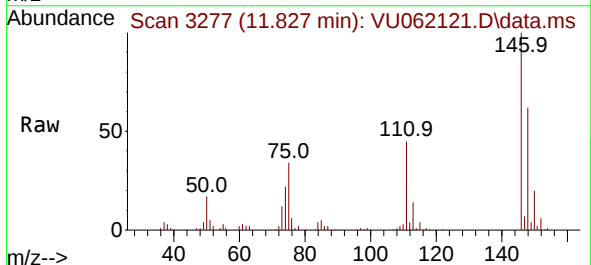
Instrument :
MSVOA_U
ClientSampleId :



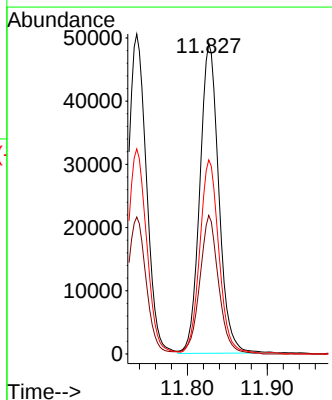
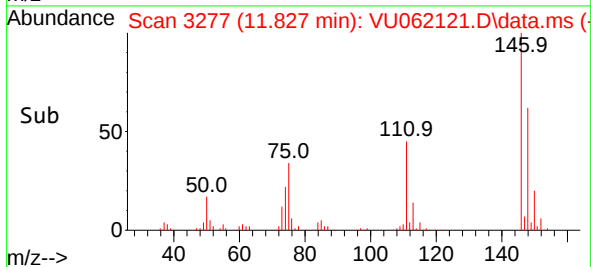
Tgt Ion:146 Resp: 81926
Ion Ratio Lower Upper
146 100
111 42.8 30.7 57.1
148 64.1 45.1 83.7

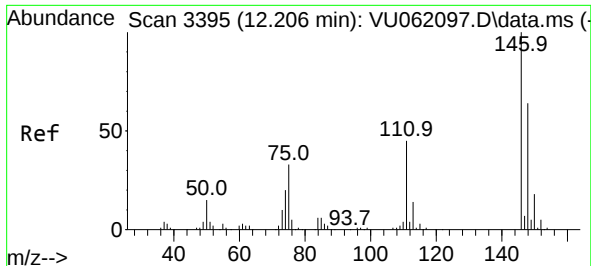


#65
1,4-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29



Tgt Ion:146 Resp: 81018
Ion Ratio Lower Upper
146 100
111 44.6 29.3 54.3
148 62.5 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.417 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

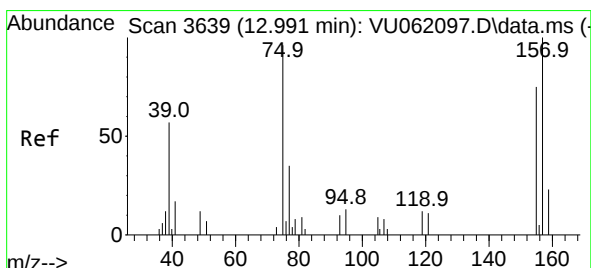
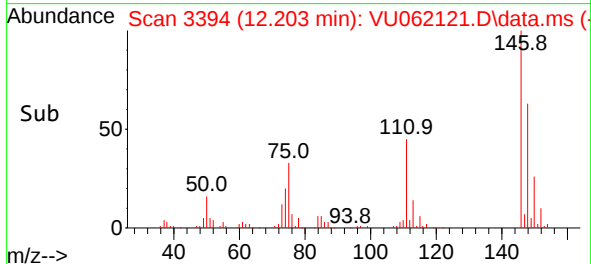
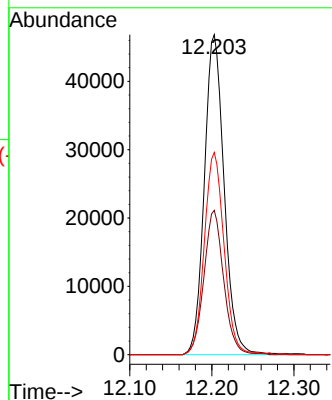
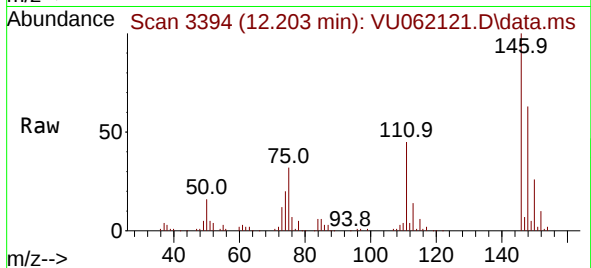
Tgt Ion:146 Resp: 78438

Ion Ratio Lower Upper

146 100

111 45.1 36.0 54.0

148 63.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.053 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

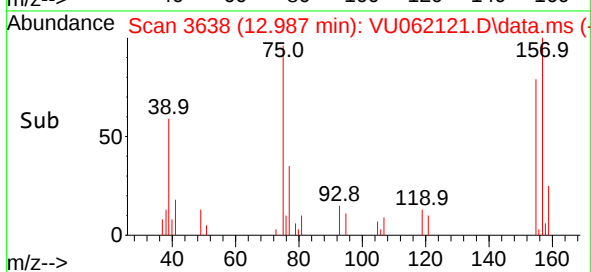
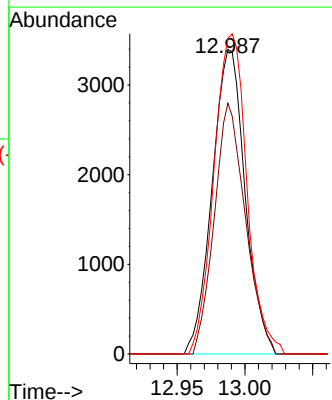
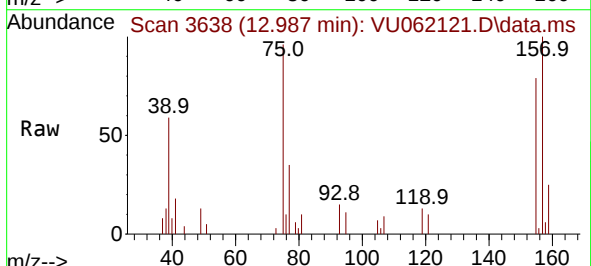
Tgt Ion: 75 Resp: 5744

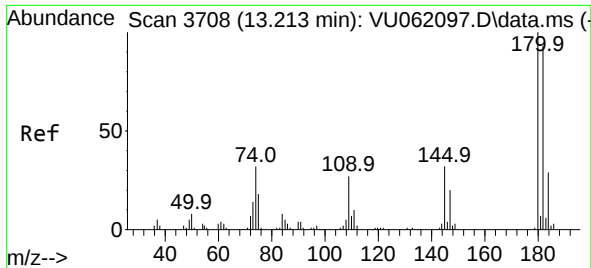
Ion Ratio Lower Upper

75 100

155 82.4 55.2 82.8

157 103.7 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 6.017 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 59607

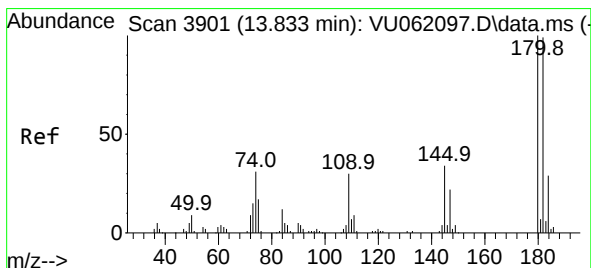
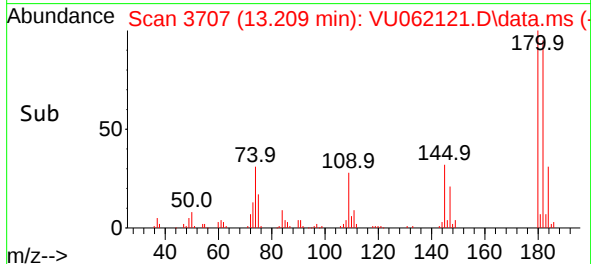
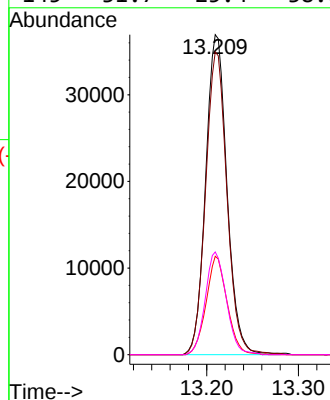
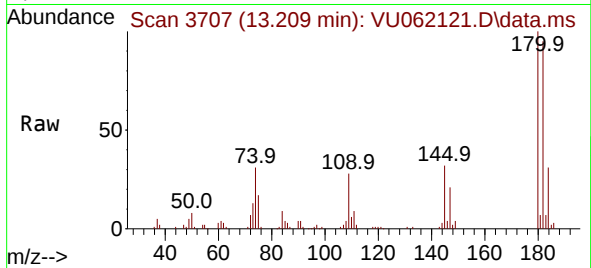
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

184 30.3 24.8 37.2

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 6.260 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062121.D

Acq: 06 Dec 2024 00:29

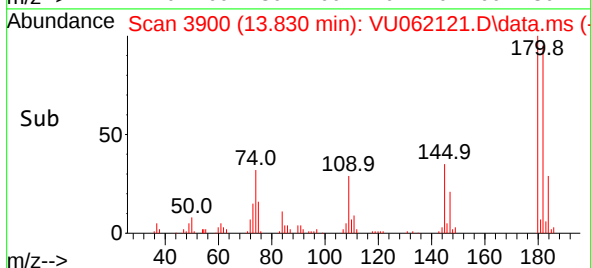
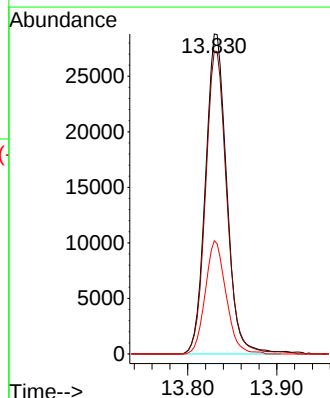
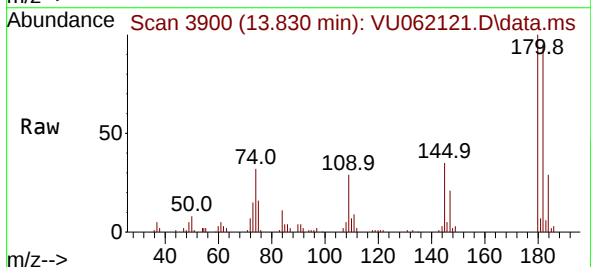
Tgt Ion:180 Resp: 47524

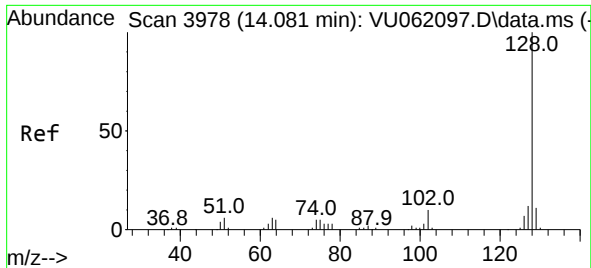
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

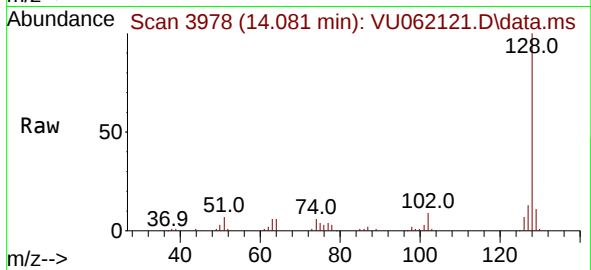
145 34.7 25.6 38.4



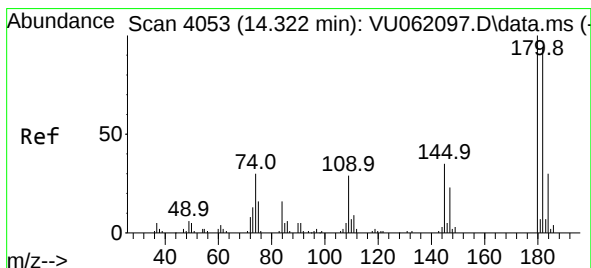
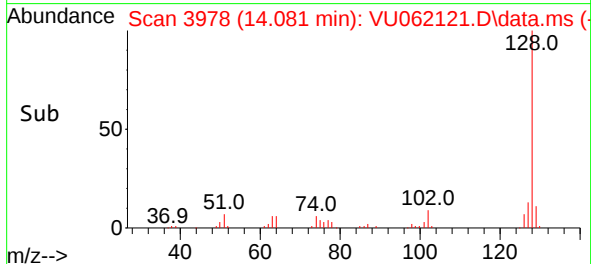
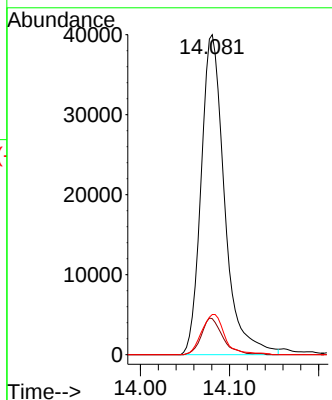


#71
Naphthalene
Concen: 5.981 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 73192
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.546 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062121.D
Acq: 06 Dec 2024 00:29

Tgt Ion:180 Resp: 42802
Ion Ratio Lower Upper
180 100
182 92.0 76.1 114.1
145 34.6 27.4 41.0

