

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062020.D
 Acq On : 25 Nov 2024 14:09
 Operator : MD/SY
 Sample : P4776-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 03:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121012	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	112809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18923	3.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.908	69	17022	3.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.800%#
11) 1,1-Dichloroethene-d2	2.560	65	8704	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.621	46	81133	43.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.060%
24) Chloroform-d	5.055	84	62352	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	32337	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.718	84	98365	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	34836	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	81398	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	13146	4.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.628	63	56541	44.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33230	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38006	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2749	0.260	ug/L	96
3) Chloromethane	1.515	50	2548	0.233	ug/L	94
5) Vinyl chloride	1.599	62	2468	0.220	ug/L #	60
6) Bromomethane	1.853	94	1594	0.239	ug/L	94
8) Chloroethane	1.927	64	1955	0.270	ug/L	86
9) Trichlorofluoromethane	2.136	101	3758	0.265	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2198	0.252	ug/L	95
12) 1,1-Dichloroethene	2.576	96	2169	0.267	ug/L #	1
14) Carbon disulfide	2.789	76	6128	0.237	ug/L	97
16) Methylene chloride	3.033	84	2411	0.247	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	4670	0.225	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	2018	0.235	ug/L	88
19) 1,1-Dichloroethane	3.862	63	3720	0.223	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	2280	0.236	ug/L	89
23) Bromochloromethane	4.978	128	896	0.213	ug/L	83
25) Chloroform	5.081	83	4237	0.243	ug/L	96
27) 1,2-Dichloroethane	5.795	62	2445	0.218	ug/L #	75
29) 1,1,1-Trichloroethane	5.313	97	3859	0.297	ug/L	88
30) Cyclohexane	5.374	56	3259	0.240	ug/L	98

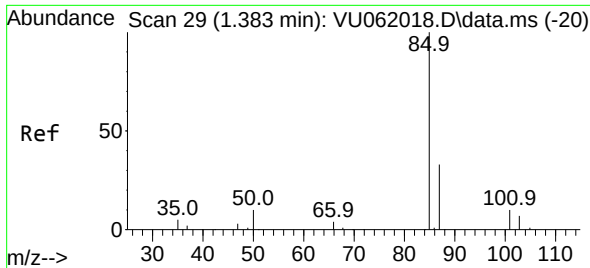
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 Data File : VU062020.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.518	117	3365	0.305	ug/L	93
33) Benzene	5.772	78	9031	0.265	ug/L	100
35) Methylcyclohexane	6.756	83	3316	0.238	ug/L	98
37) 1,2-Dichloropropane	6.792	63	2162	0.244	ug/L #	87
38) Bromodichloromethane	7.100	83	2831	0.264	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	3224	0.260	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	10527	2.204	ug/L	99
42) Toluene	7.965	91	9311	0.260	ug/L	94
44) trans-1,3-Dichloropropene	8.203	75	2726	0.277	ug/L	89
45) 1,1,2-Trichloroethane	8.396	97	1574	0.241	ug/L	94
49) Dibromochloromethane	8.798	129	1645	0.239	ug/L	80
50) 1,2-Dibromoethane	8.923	107	1480	0.229	ug/L #	61
51) Chlorobenzene	9.438	112	6025	0.246	ug/L	98
52) Ethylbenzene	9.566	91	9731	0.227	ug/L	98
53) m,p-Xylene	9.692	106	3602	0.239	ug/L	81
54) o-Xylene	10.097	106	3306	0.217	ug/L	86
55) Styrene	10.119	104	4858	0.194	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	2043	0.244	ug/L	92
59) Bromoform	10.290	173	957	0.245	ug/L #	94
60) Isopropylbenzene	10.480	105	9083	0.222	ug/L	96
61) 1,2,3-Trichloropropane	10.814	75	1239	0.204	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	7433	0.228	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	7267	0.223	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	4356	0.240	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	4606	0.262	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4510	0.286	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.994	75	147	0.142	ug/L #	61
69) 1,3,5-Trichlorobenzene	13.222	180	2780	0.257	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	2599	0.314	ug/L	97
71) Naphthalene	14.103	128	3099	0.232	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.332	180	2196	0.308	ug/L	96

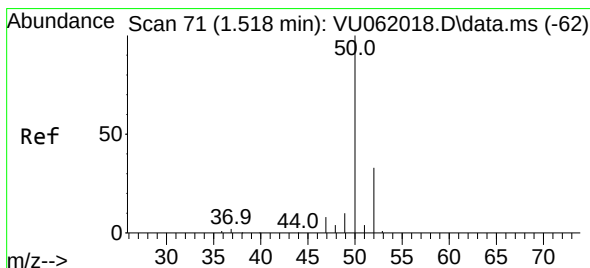
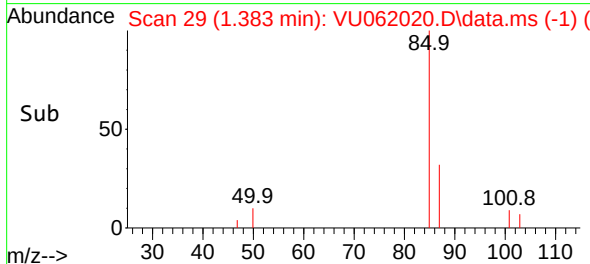
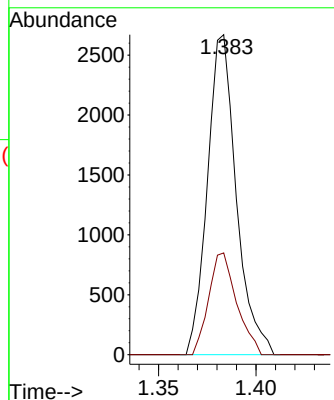
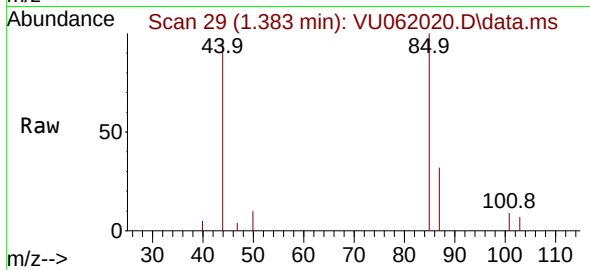
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.260 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

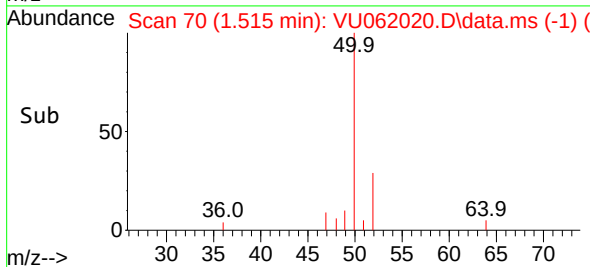
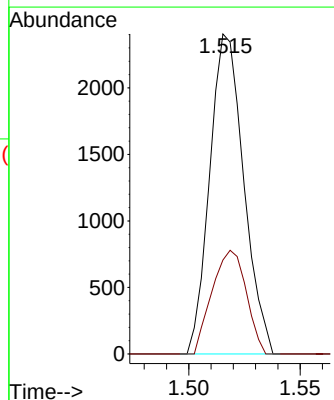
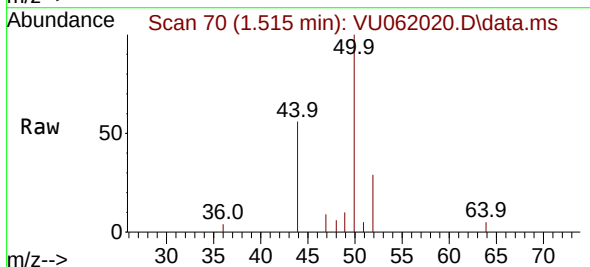
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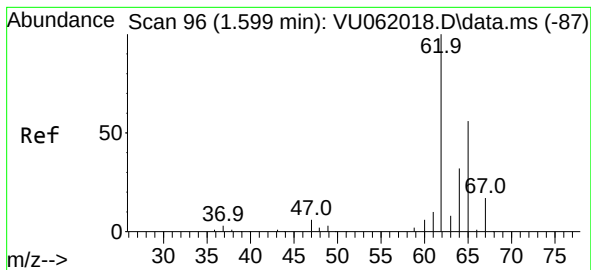
Tgt Ion: 85 Resp: 2749
Ion Ratio Lower Upper
85 100
87 30.8 26.6 40.0



#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 50 Resp: 2548
Ion Ratio Lower Upper
50 100
52 29.4 23.1 42.9

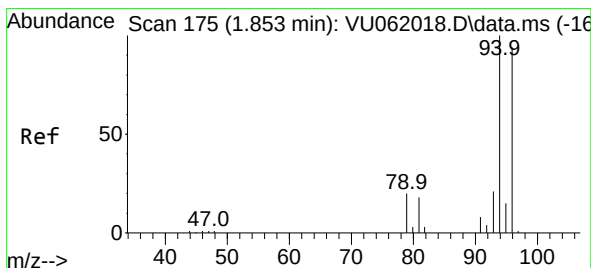
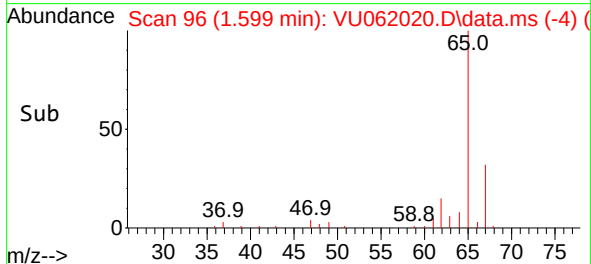
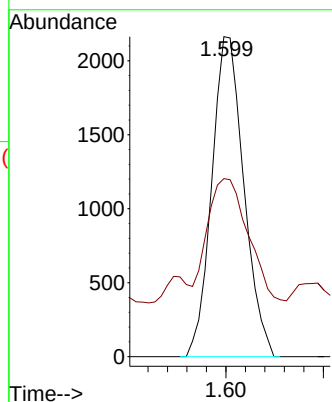
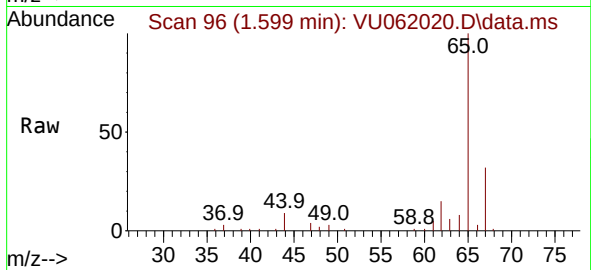




#5
 Vinyl chloride
 Concen: 0.220 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

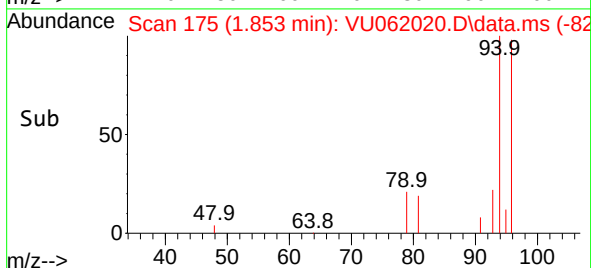
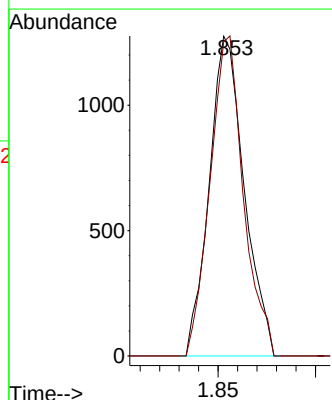
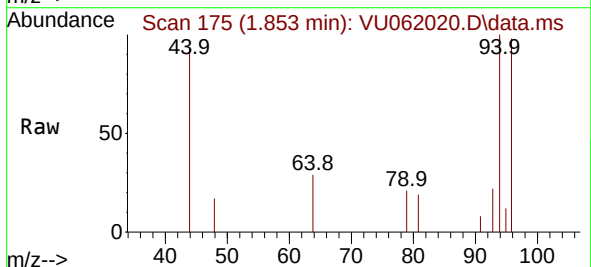
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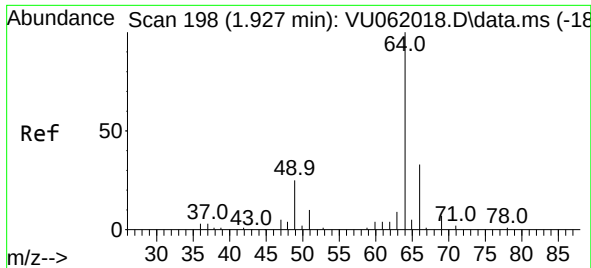
Tgt Ion: 62 Resp: 2468
 Ion Ratio Lower Upper
 62 100
 64 55.7 23.1 42.9#



#6
 Bromomethane
 Concen: 0.239 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

Tgt Ion: 94 Resp: 1594
 Ion Ratio Lower Upper
 94 100
 96 98.3 64.5 119.9

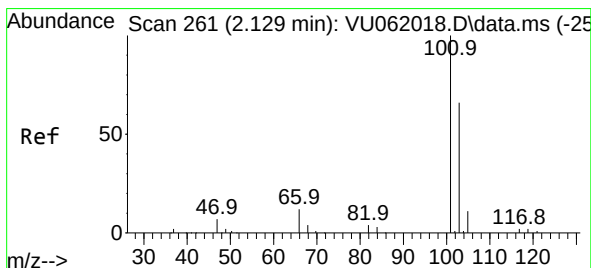
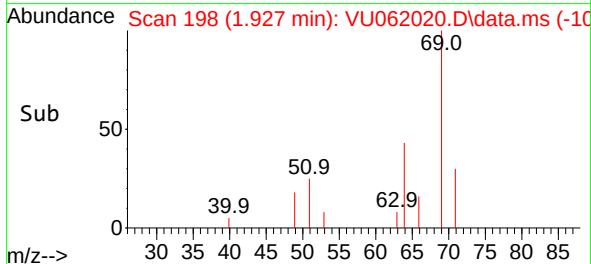
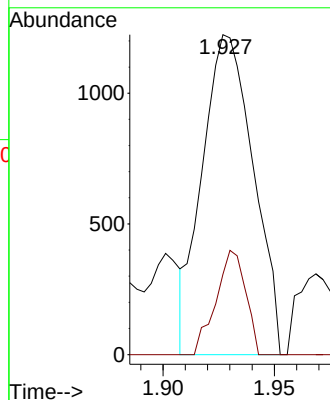
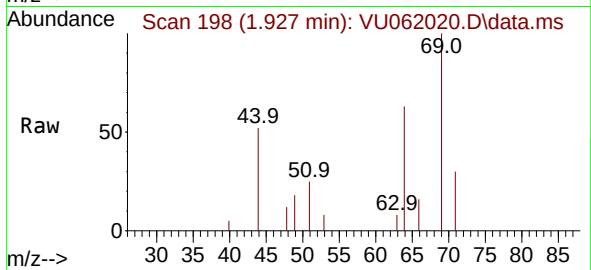




#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

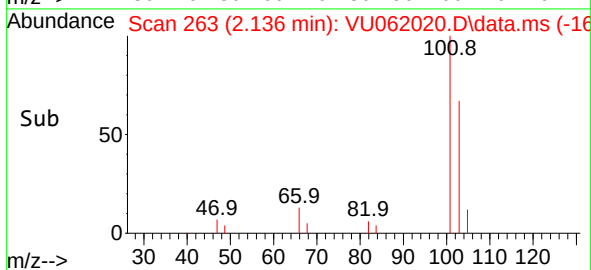
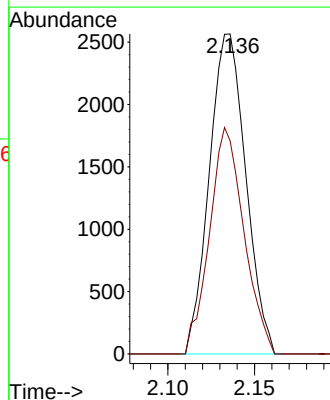
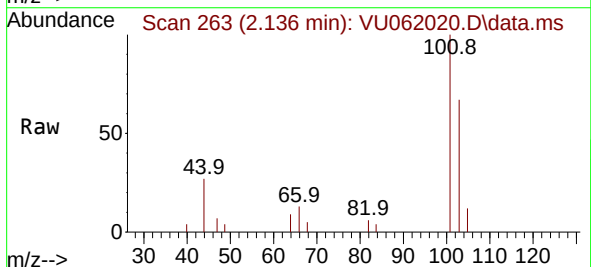
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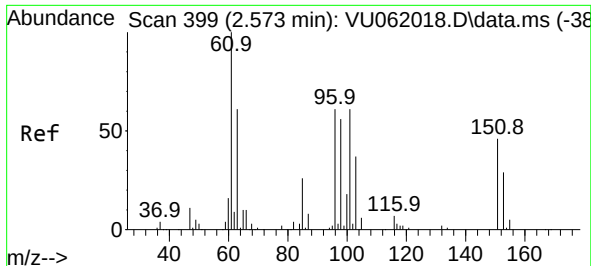
Tgt Ion: 64 Resp: 1955
Ion Ratio Lower Upper
64 100
66 25.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.265 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion:101 Resp: 3758
Ion Ratio Lower Upper
101 100
103 66.8 50.6 75.8

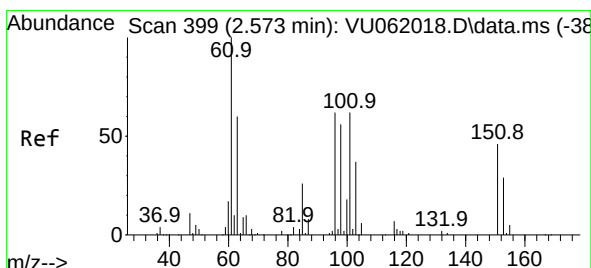
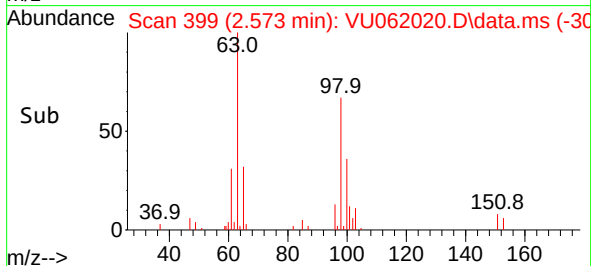
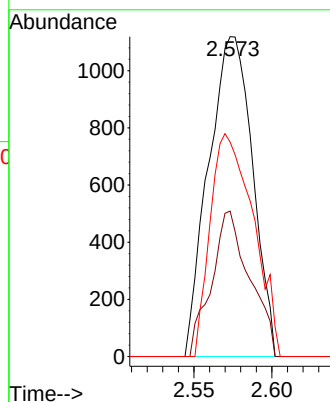
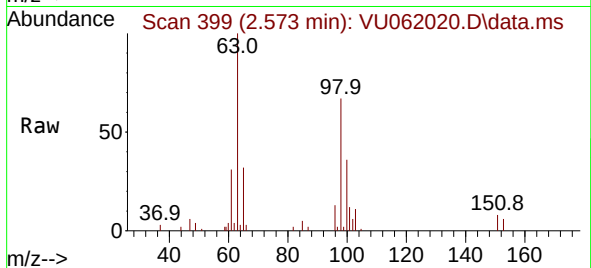




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.252 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

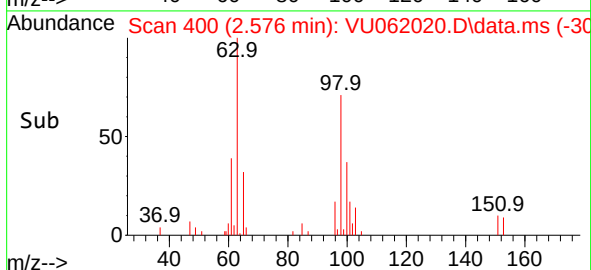
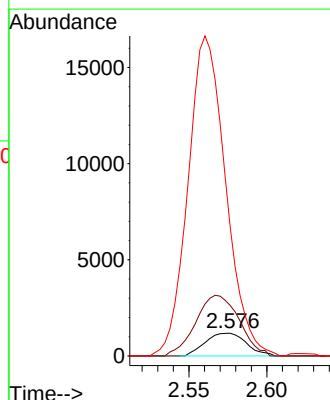
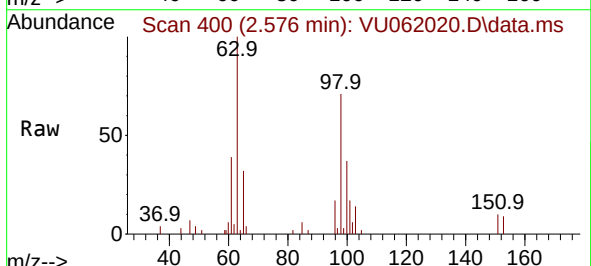
Instrument :
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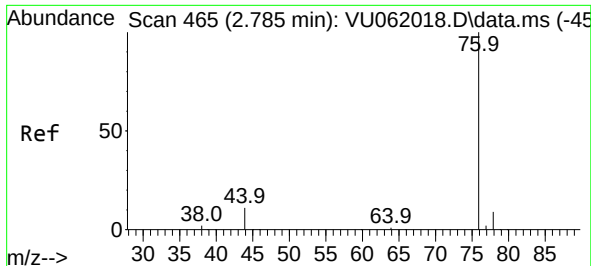
Tgt Ion:	101	Resp:	2198
Ion	Ratio	Lower	Upper
101	100		
85	39.5	38.0	57.0
151	68.2	55.3	82.9



#12
 1,1-Dichloroethene
 Concen: 0.267 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

Tgt Ion:	96	Resp:	2169
Ion	Ratio	Lower	Upper
96	100		
61	189.3	119.6	222.2
63	485.0	65.0	120.6

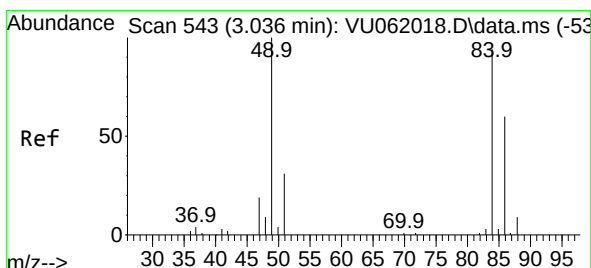
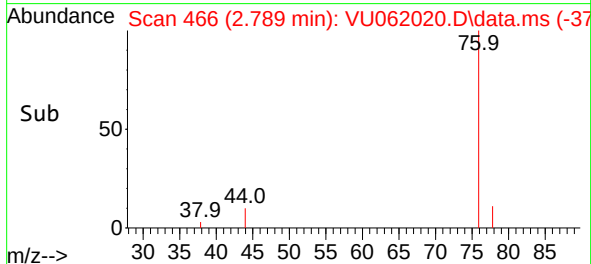
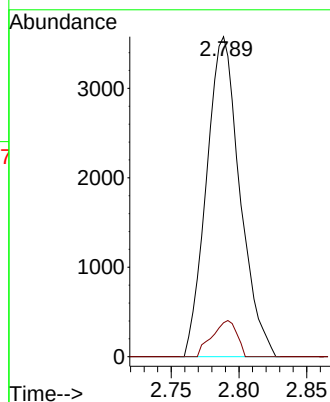
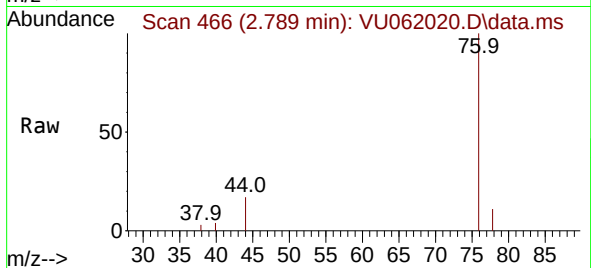




#14
Carbon disulfide
Concen: 0.237 ug/L
RT: 2.789 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

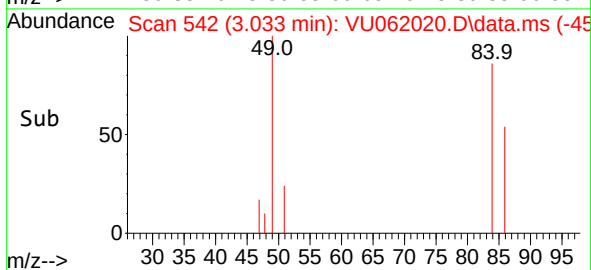
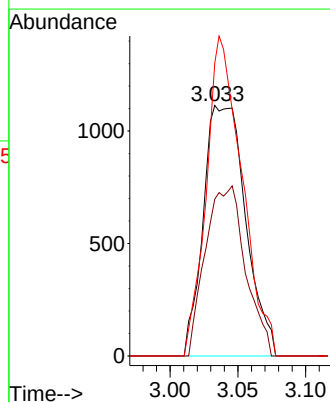
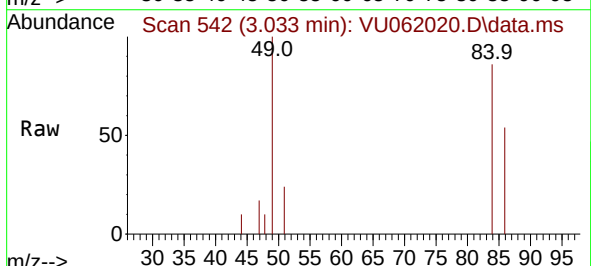
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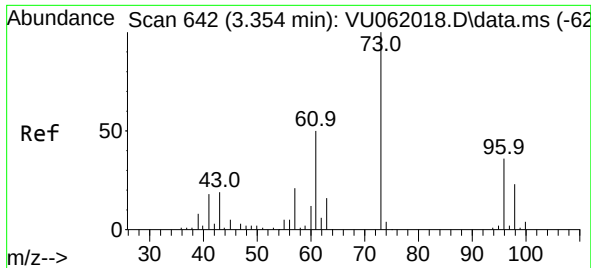
Tgt Ion: 76 Resp: 6128
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#16
Methylene chloride
Concen: 0.247 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 84 Resp: 2411
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.7
49 116.9 81.9 152.1

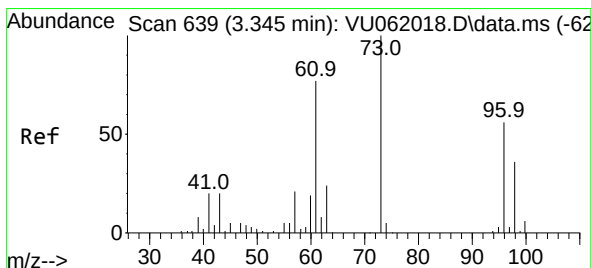
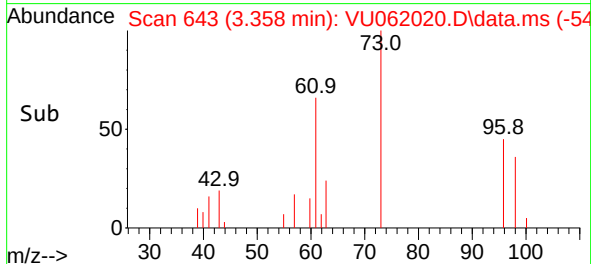
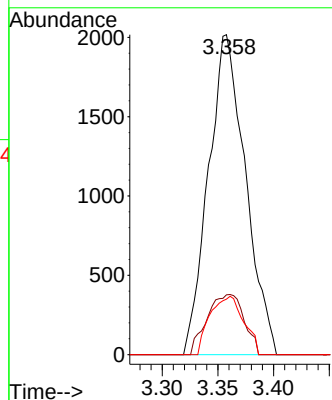
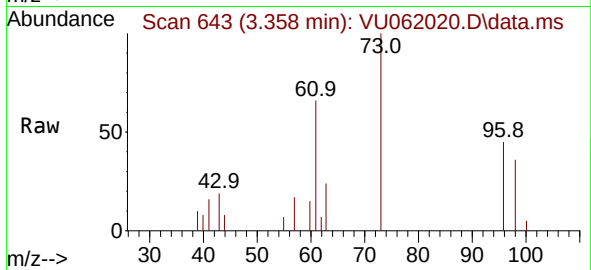




#17
Methyl tert-butyl Ether
Concen: 0.225 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

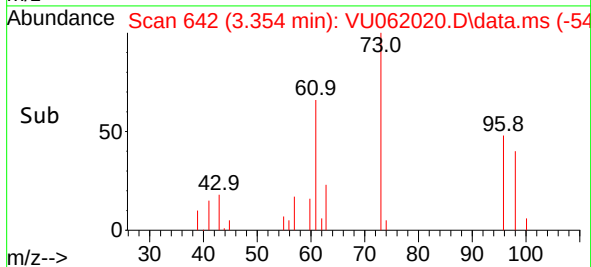
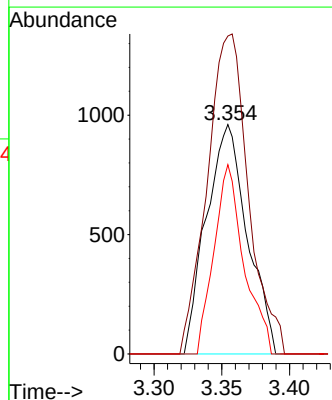
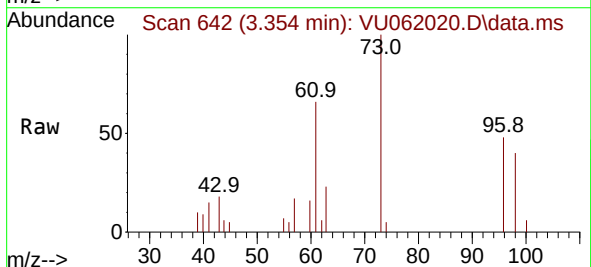
Instrument :
MSVOA_U
ClientSampleId :

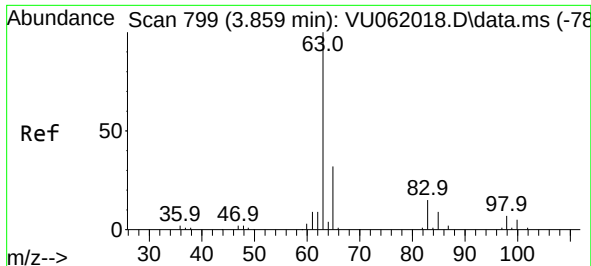
Tgt Ion: 73 Resp: 4670
Ion Ratio Lower Upper
73 100
43 18.7 16.3 24.5
57 16.6 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 96 Resp: 2018
Ion Ratio Lower Upper
96 100
61 138.5 104.2 193.4
98 82.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 0.223 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU062020.D

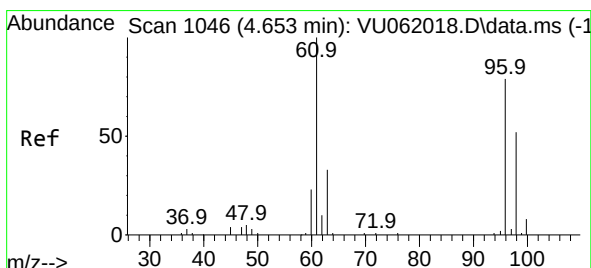
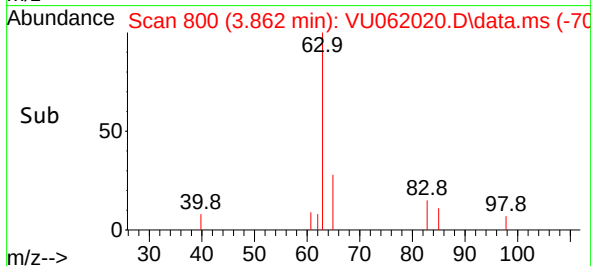
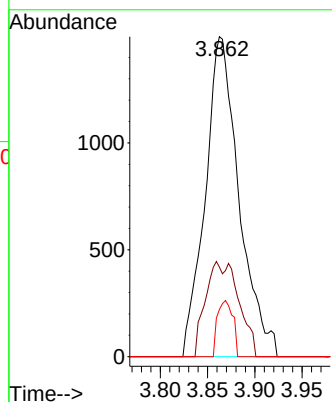
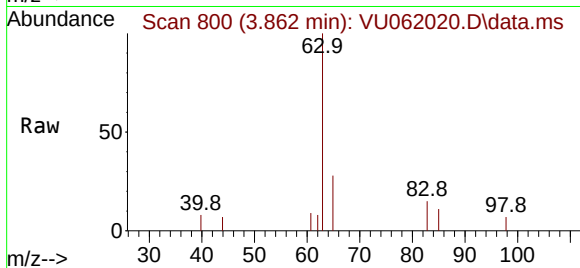
Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp:	3720
Ion Ratio	Lower	Upper
63	100	
65	28.0	22.7 42.3
83	14.8	9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 0.236 ug/L

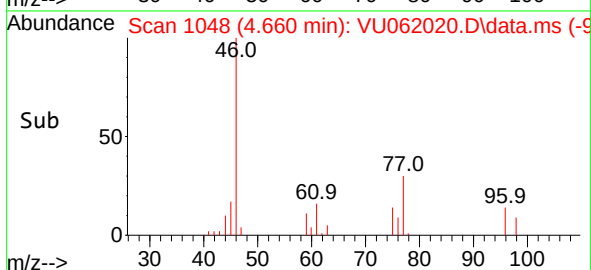
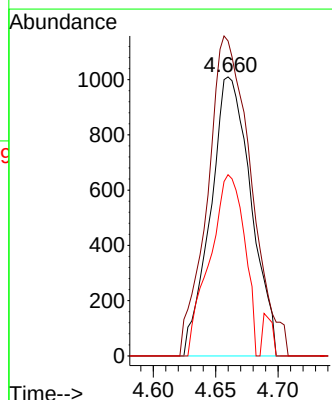
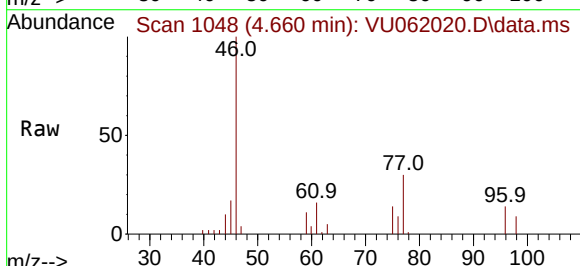
RT: 4.660 min Scan# 1048

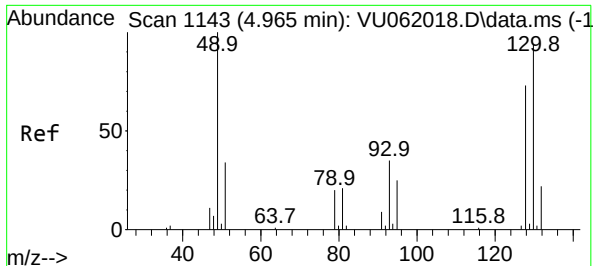
Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

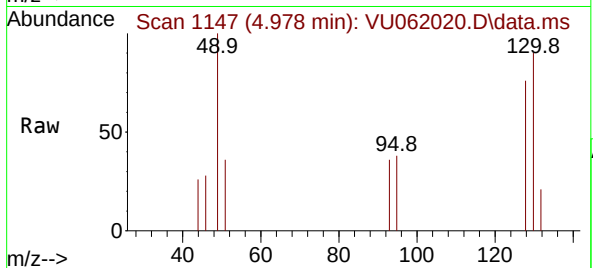
Tgt Ion: 96	Resp:	2280
Ion Ratio	Lower	Upper
96	100	
61	112.9	92.0 170.8
98	65.0	44.5 82.7



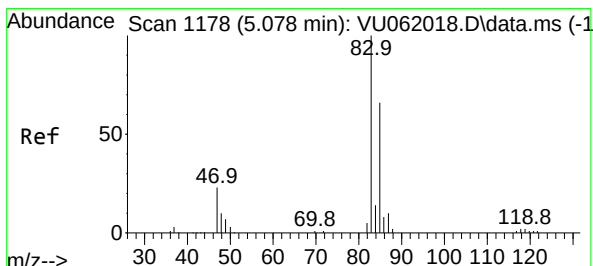
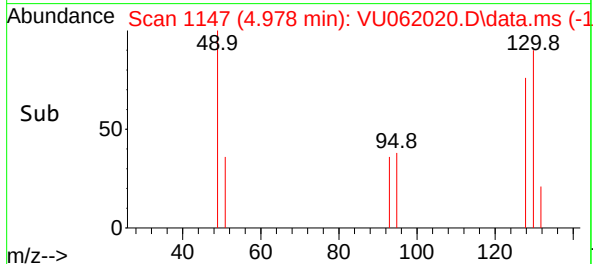
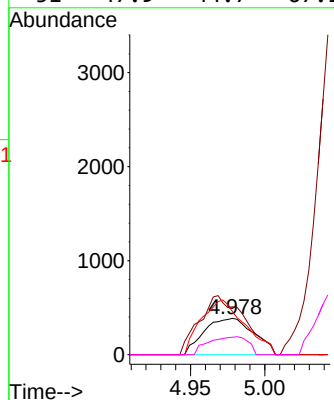


#23
Bromochloromethane
Concen: 0.213 ug/L
RT: 4.978 min Scan# 1143
Delta R.T. 0.013 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Instrument :
MSVOA_U
ClientSampleId :

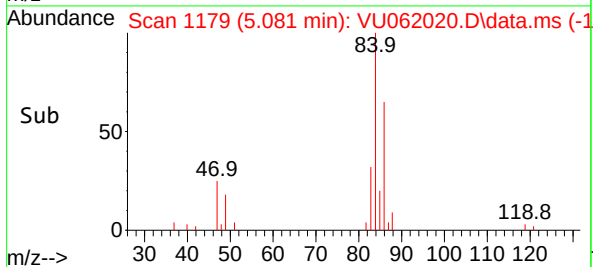
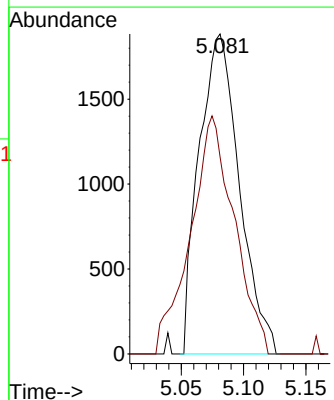
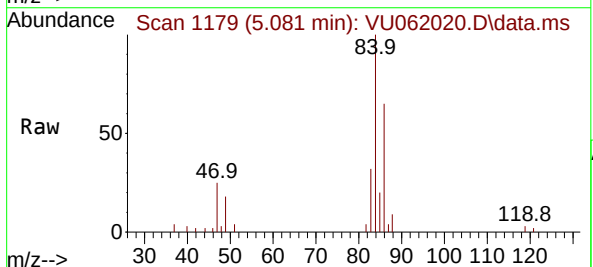


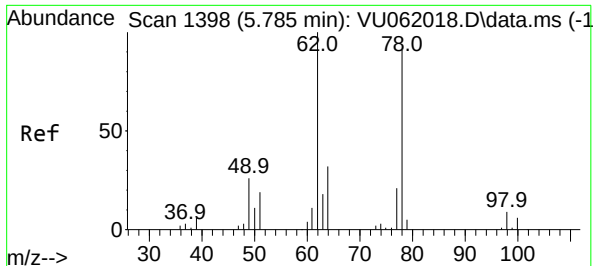
Tgt Ion:128 Resp: 896
Ion Ratio Lower Upper
128 100
49 131.9 115.3 214.1
130 119.2 92.0 170.8
51 47.9 44.7 67.1



#25
Chloroform
Concen: 0.243 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 83 Resp: 4237
Ion Ratio Lower Upper
83 100
85 61.6 45.4 84.2

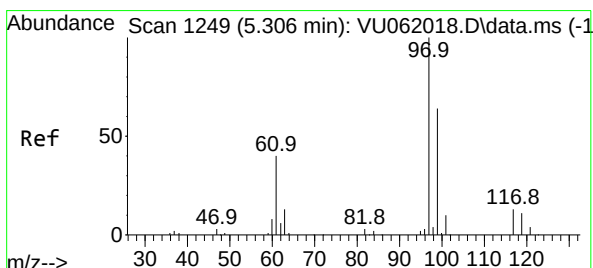
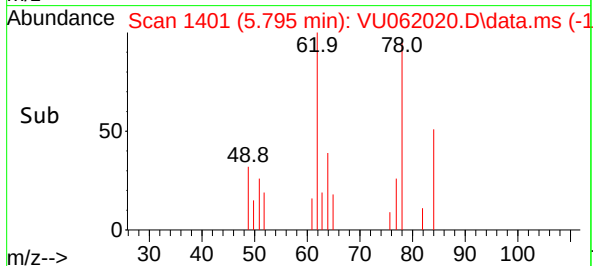
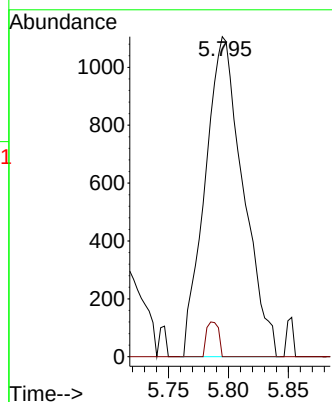
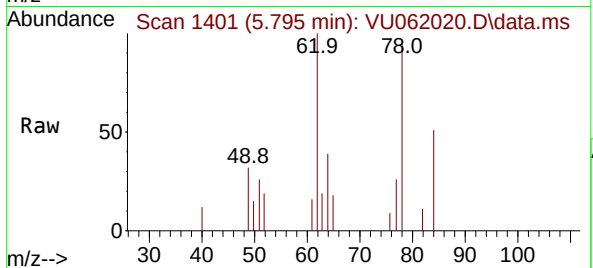




#27
1,2-Dichloroethane
Concen: 0.218 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

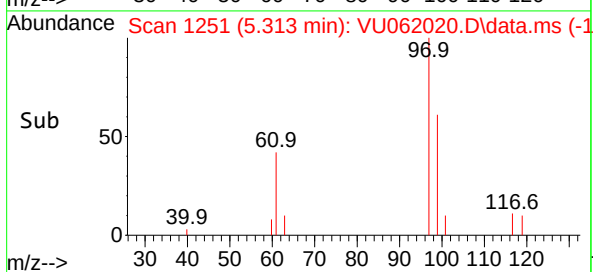
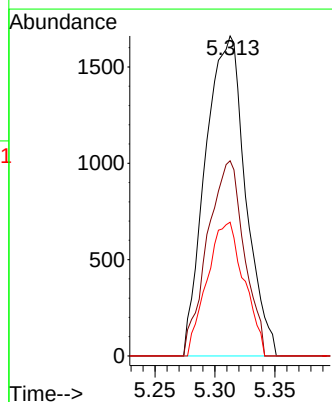
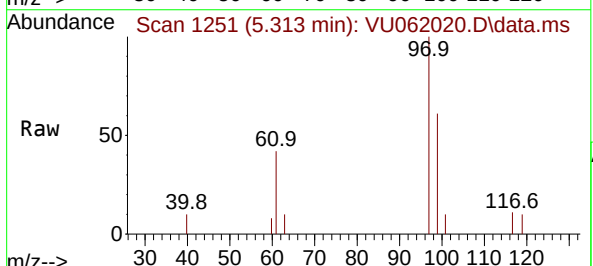
Instrument :
MSVOA_U
ClientSampleId :

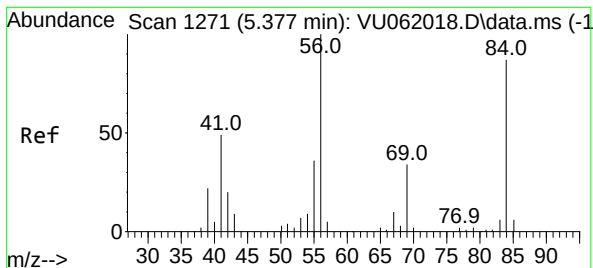
Tgt Ion: 62 Resp: 2445
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#29
1,1,1-Trichloroethane
Concen: 0.297 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 97 Resp: 3859
Ion Ratio Lower Upper
97 100
99 56.0 51.4 77.2
61 38.6 37.8 56.6





#30

Cyclohexane

Concen: 0.240 ug/L

RT: 5.374 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

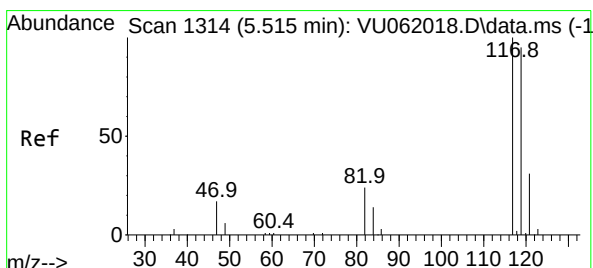
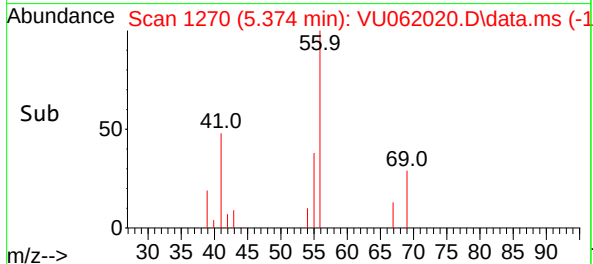
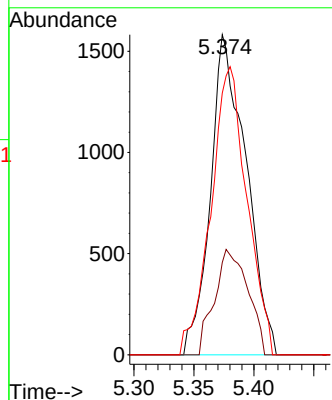
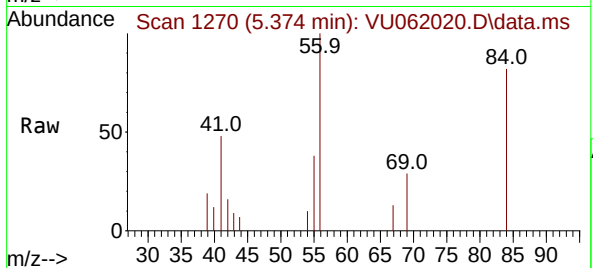
Tgt Ion: 56 Resp: 3259

Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 91.0 70.6 105.8



#31

Carbon tetrachloride

Concen: 0.305 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU062020.D

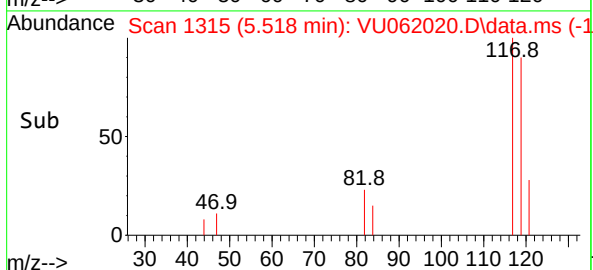
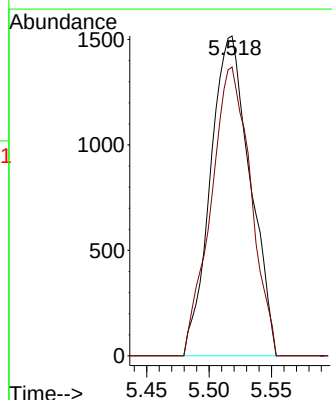
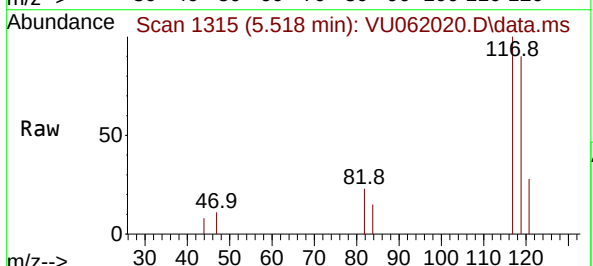
Acq: 25 Nov 2024 14:09

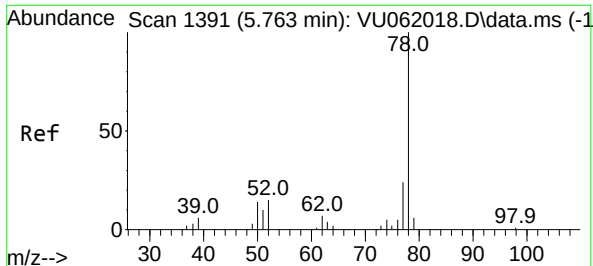
Tgt Ion: 117 Resp: 3365

Ion Ratio Lower Upper

117 100

119 90.4 77.5 116.3

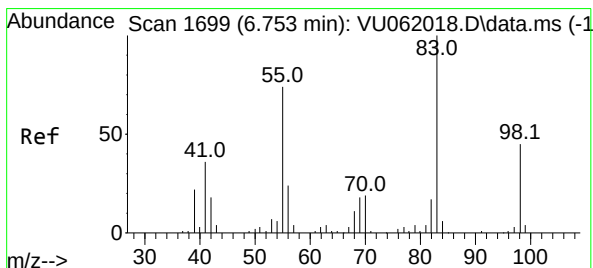
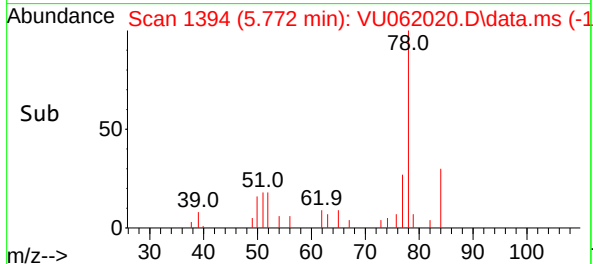
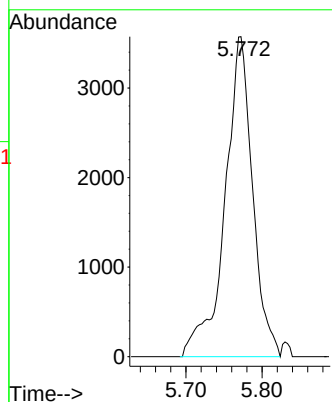
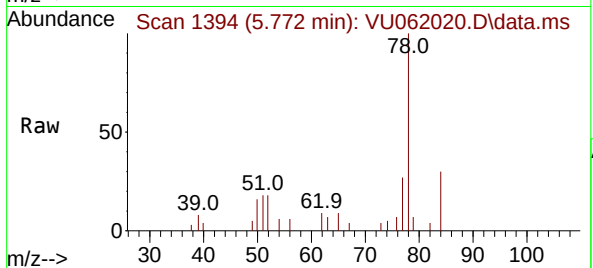




#33
Benzene
Concen: 0.265 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

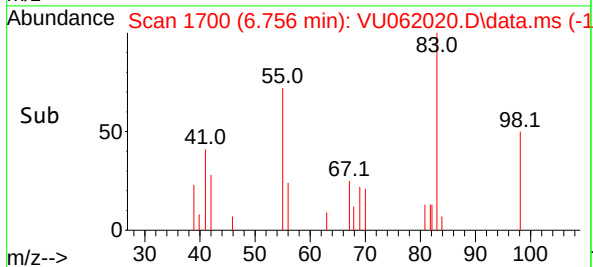
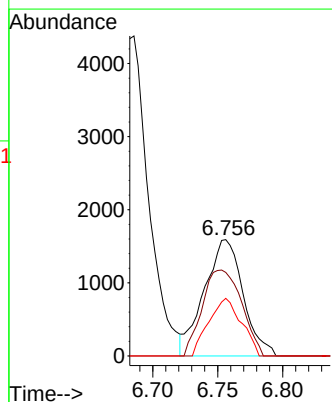
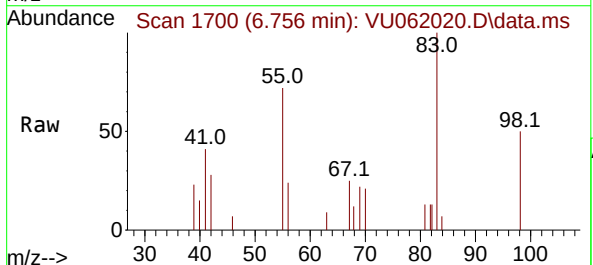
Instrument :
MSVOA_U
ClientSampleId :

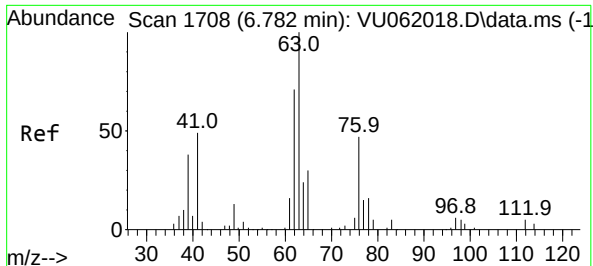
Tgt Ion: 78 Resp: 9031



#35
Methylcyclohexane
Concen: 0.238 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 83 Resp: 3316
Ion Ratio Lower Upper
83 100
55 74.6 60.7 91.1
98 41.4 34.8 52.2





#37

1,2-Dichloropropane

Concen: 0.244 ug/L

RT: 6.792 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

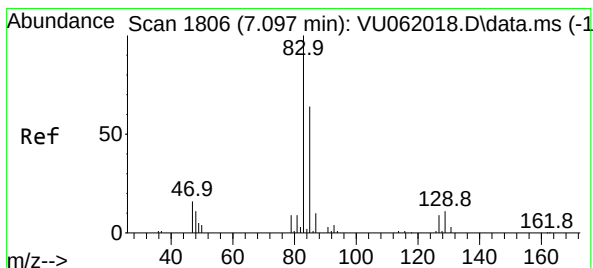
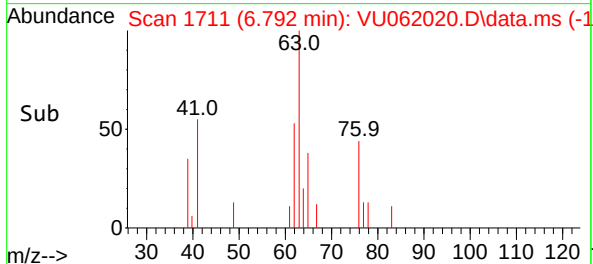
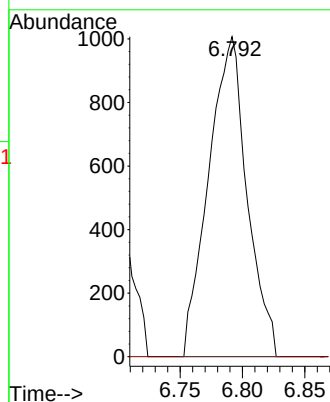
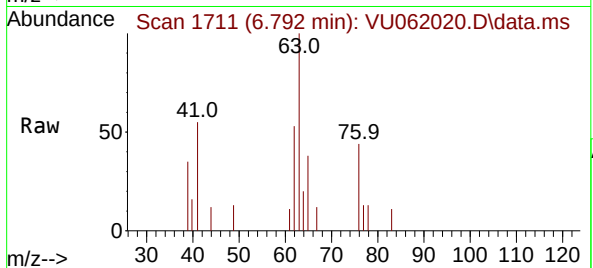
ClientSampleId :

Tgt Ion: 63 Resp: 2162

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.264 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

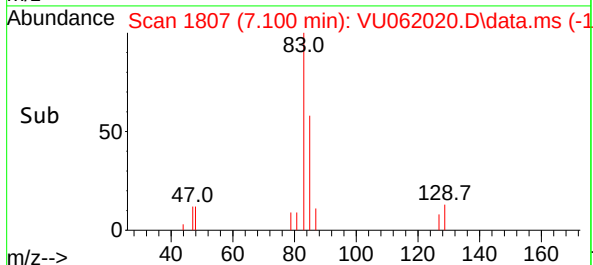
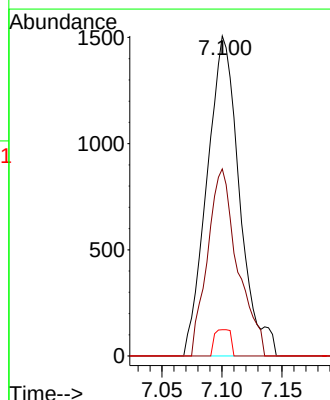
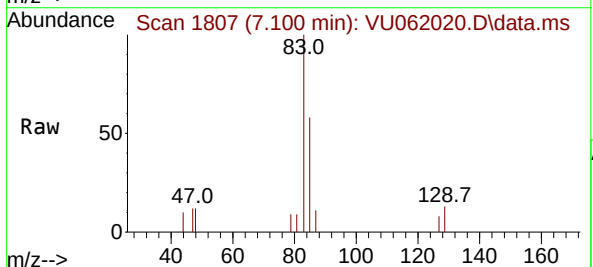
Tgt Ion: 83 Resp: 2831

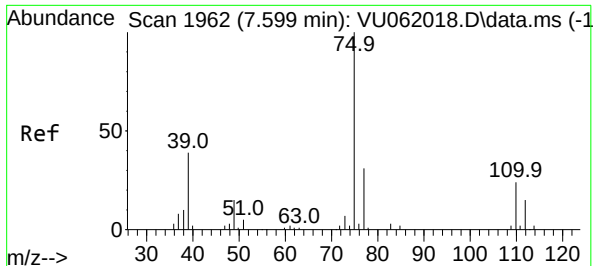
Ion Ratio Lower Upper

83 100

85 58.5 44.1 81.9

127 8.2 6.9 10.3

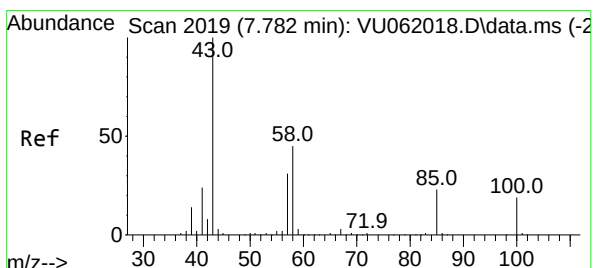
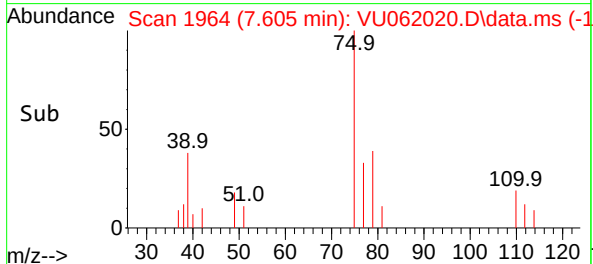
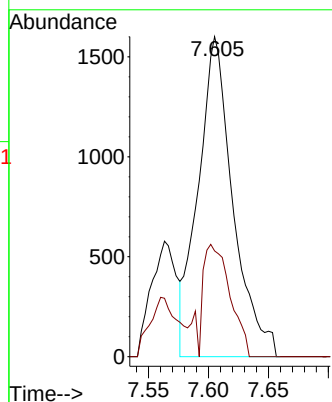
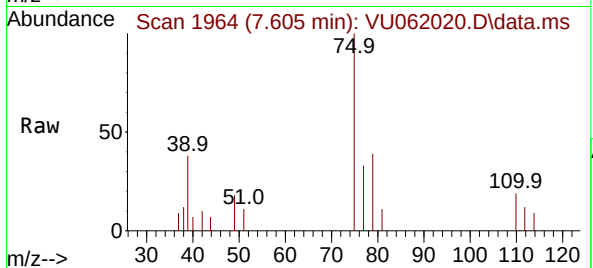




#39
 cis-1,3-Dichloropropene
 Concen: 0.260 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

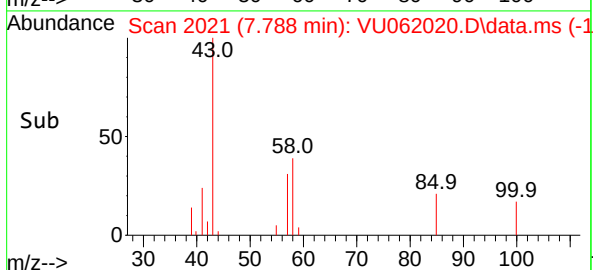
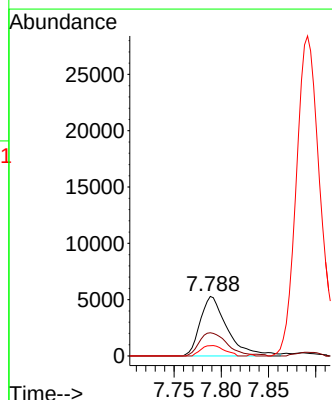
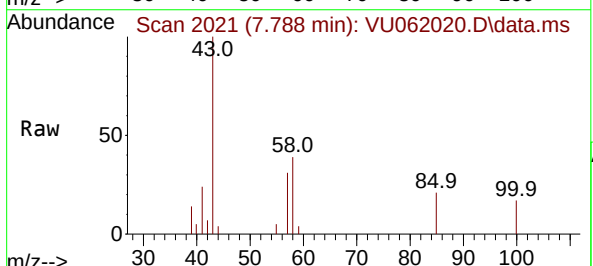
Instrument :
 MSVOA_U
 ClientSampleId :

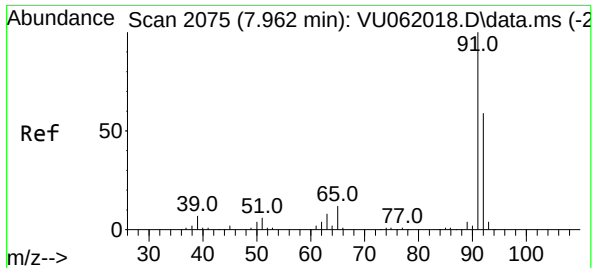
Tgt Ion: 75 Resp: 3224
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 2.204 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

Tgt Ion: 43 Resp: 10527
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.3 49.9
 100 15.1 12.4 18.6





#42

Toluene

Concen: 0.260 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

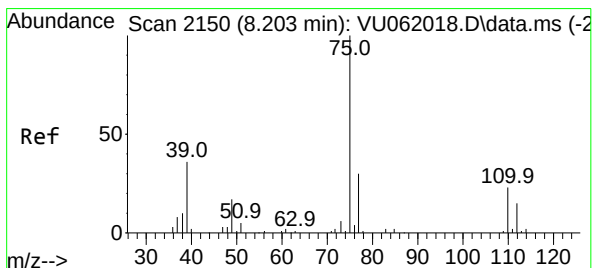
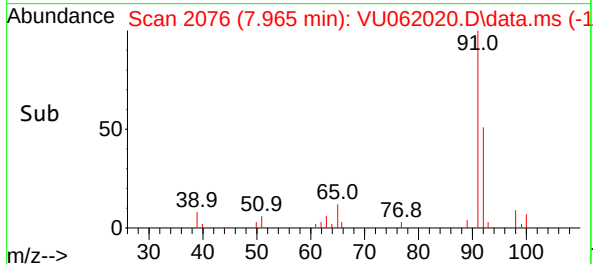
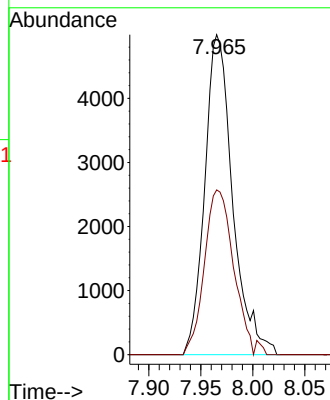
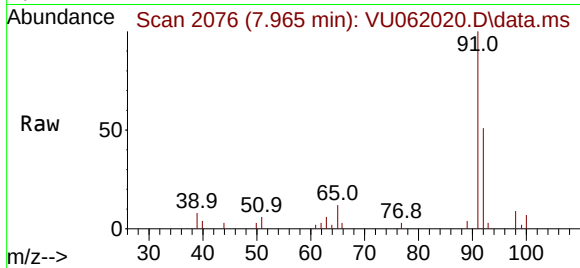
ClientSampleId :

Tgt Ion: 91 Resp: 9311

Ion Ratio Lower Upper

91 100

92 51.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.277 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062020.D

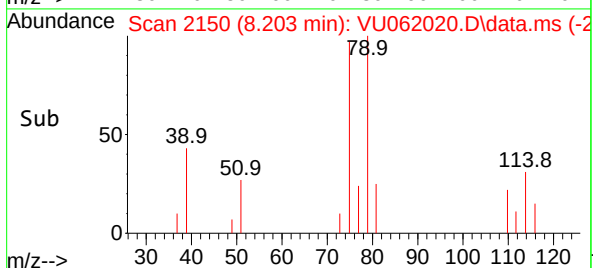
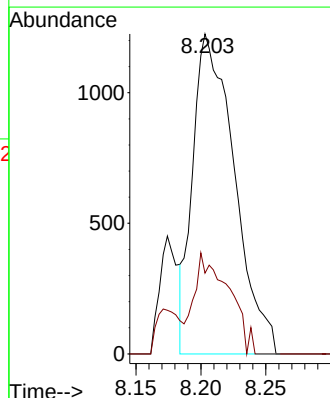
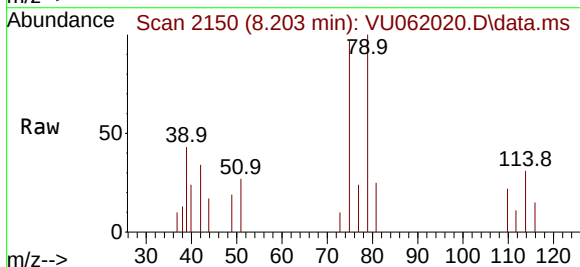
Acq: 25 Nov 2024 14:09

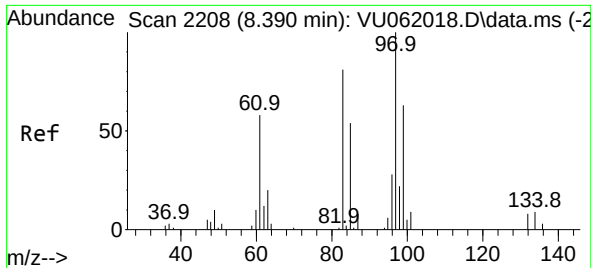
Tgt Ion: 75 Resp: 2726

Ion Ratio Lower Upper

75 100

77 25.2 21.8 40.4

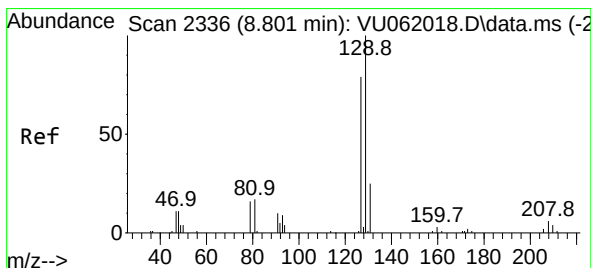
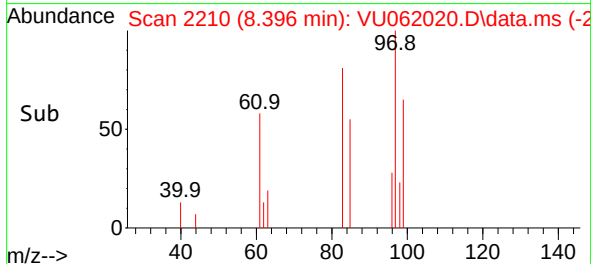
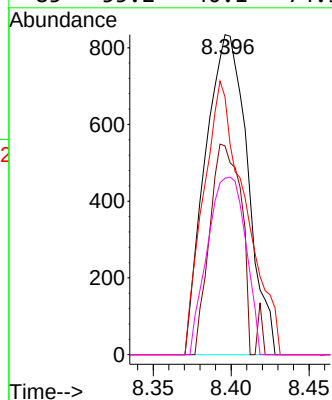
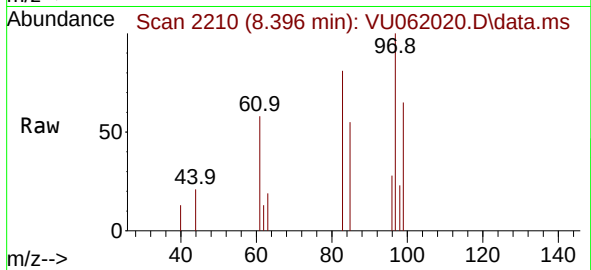




#45
1,1,2-Trichloroethane
Concen: 0.241 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

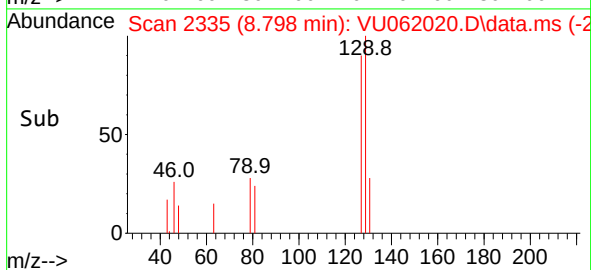
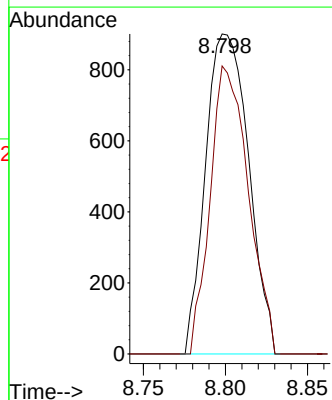
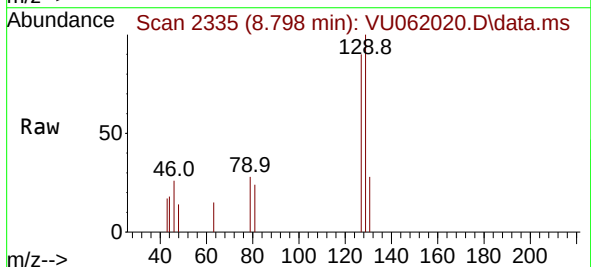
Instrument :
MSVOA_U
ClientSampleId :

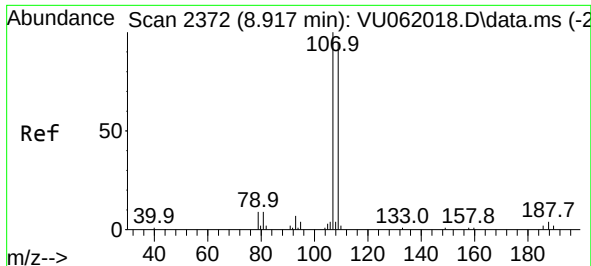
Tgt Ion:	97	Resp:	1574
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.0	79.8
83	80.6	61.7	114.5
85	55.2	40.1	74.5



#49
Dibromochloromethane
Concen: 0.239 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion:	129	Resp:	1645
Ion	Ratio	Lower	Upper
129	100		
127	90.0	51.1	94.9





#50

1,2-Dibromoethane

Concen: 0.229 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.006 min

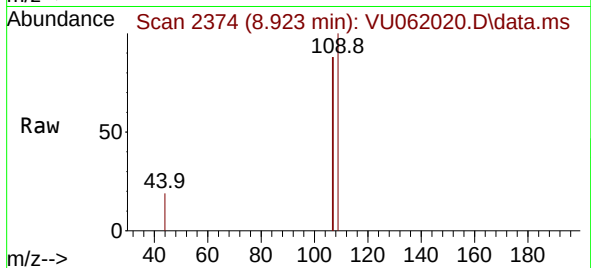
Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :



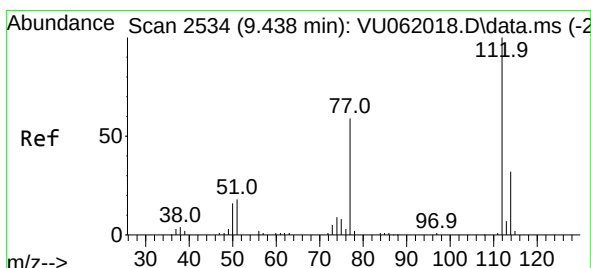
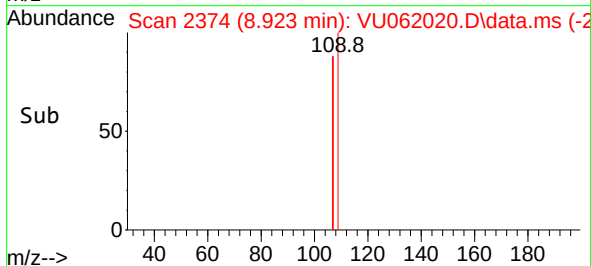
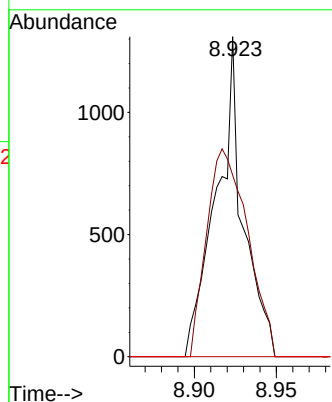
Tgt Ion:107 Resp: 1480

Ion Ratio Lower Upper

107 100

109 56.7 66.8 124.2#

188 0.0 2.3 3.5#



#51

Chlorobenzene

Concen: 0.246 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

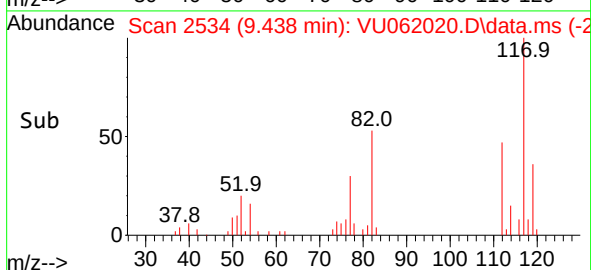
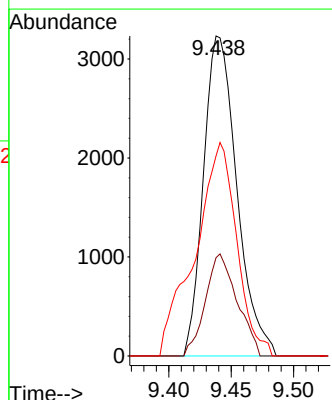
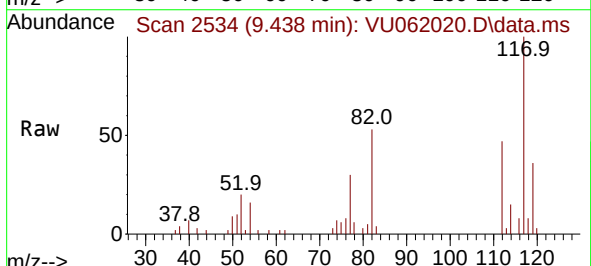
Tgt Ion:112 Resp: 6025

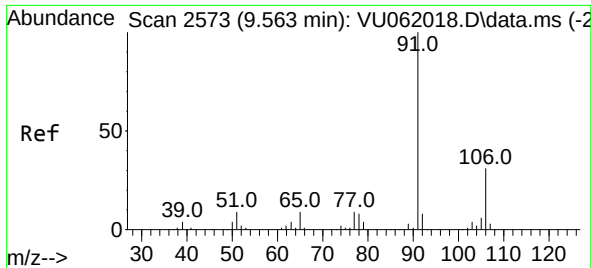
Ion Ratio Lower Upper

112 100

114 30.7 23.0 42.6

77 62.5 50.5 75.7





#52

Ethylbenzene

Concen: 0.227 ug/L

RT: 9.566 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

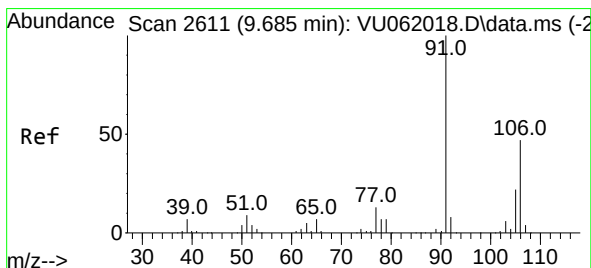
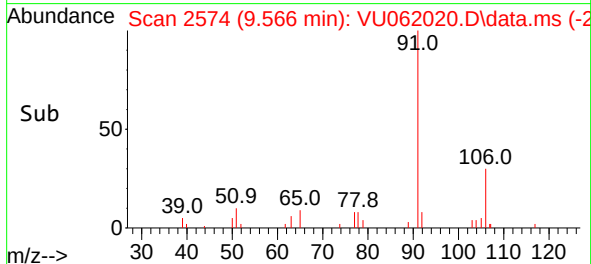
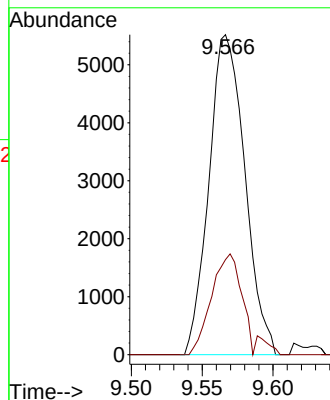
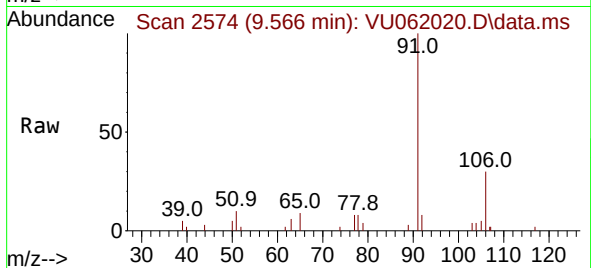
ClientSampleId :

Tgt Ion: 91 Resp: 9731

Ion Ratio Lower Upper

91 100

106 29.7 21.6 40.0



#53

m,p-Xylene

Concen: 0.239 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.006 min

Lab File: VU062020.D

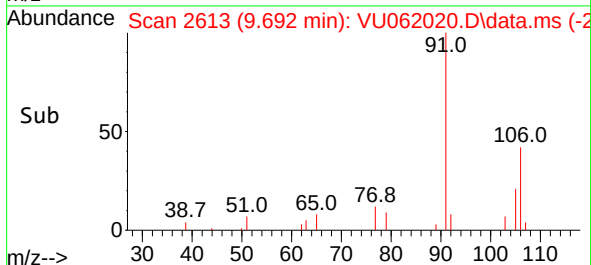
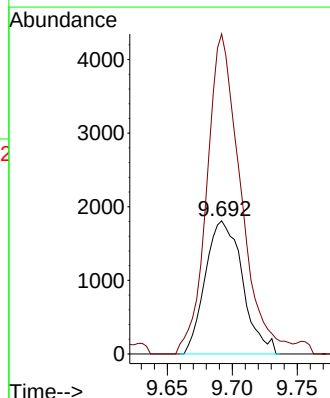
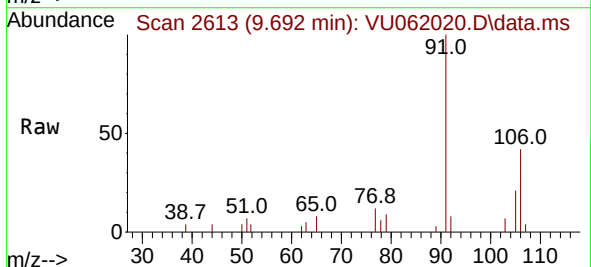
Acq: 25 Nov 2024 14:09

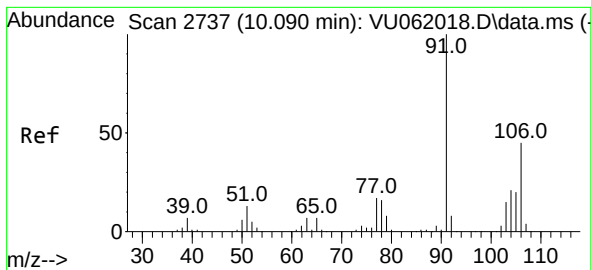
Tgt Ion:106 Resp: 3602

Ion Ratio Lower Upper

106 100

91 240.2 147.6 274.0





#54

o-Xylene

Concen: 0.217 ug/L

RT: 10.097 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

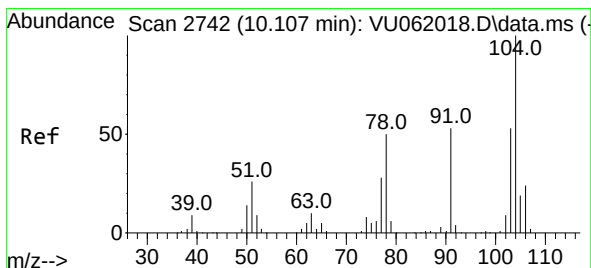
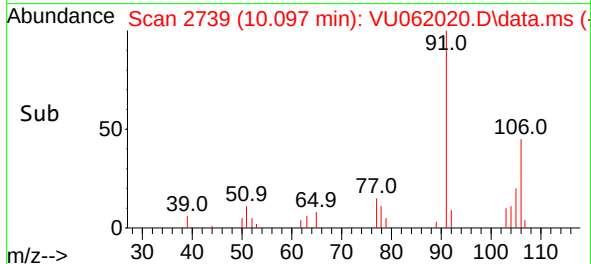
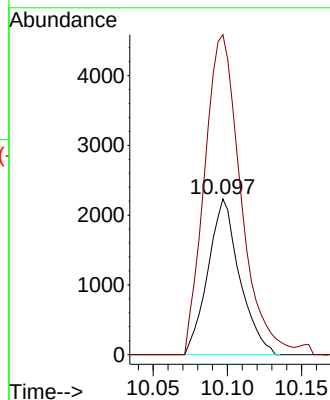
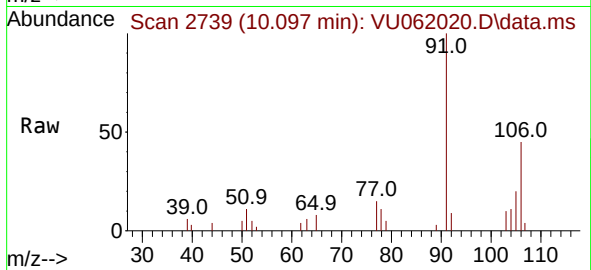
ClientSampleId :

Tgt Ion:106 Resp: 3306

Ion Ratio Lower Upper

106 100

91 205.5 159.8 296.8



#55

Styrene

Concen: 0.194 ug/L

RT: 10.119 min Scan# 2746

Delta R.T. 0.013 min

Lab File: VU062020.D

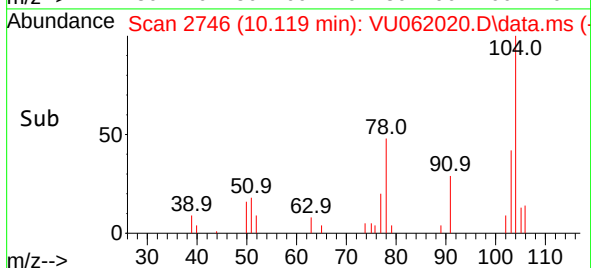
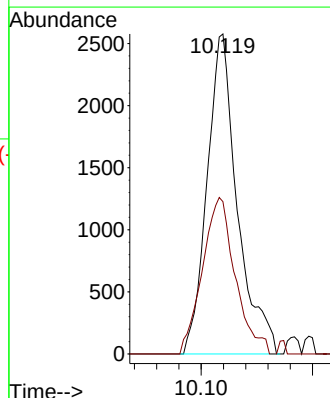
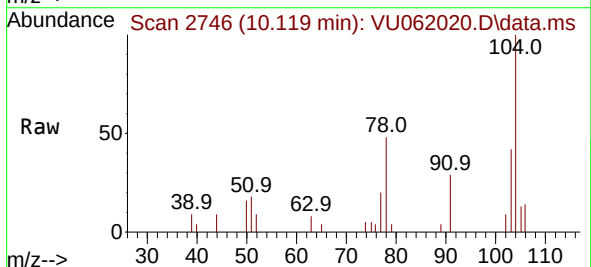
Acq: 25 Nov 2024 14:09

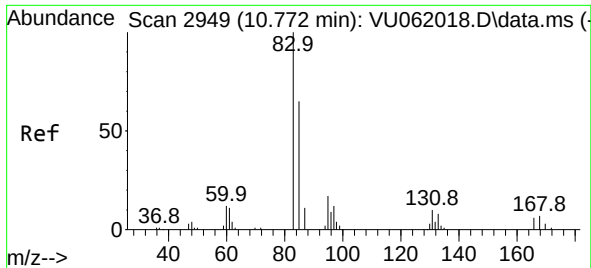
Tgt Ion:104 Resp: 4858

Ion Ratio Lower Upper

104 100

78 47.6 33.2 61.7

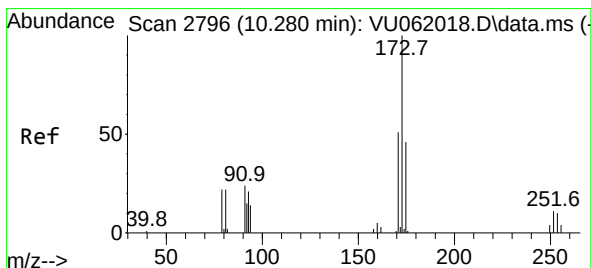
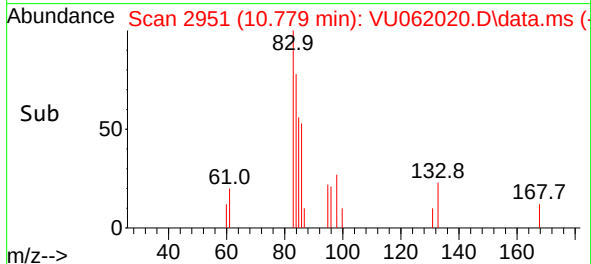
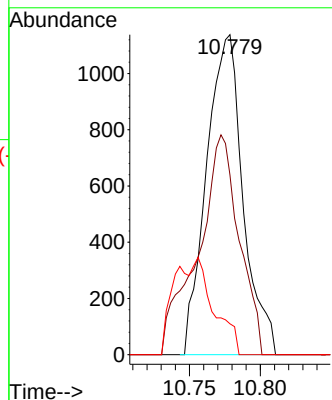
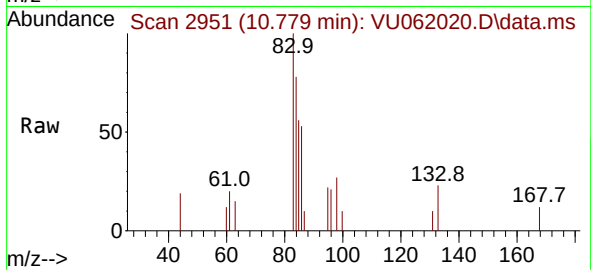




#57
1,1,2,2-Tetrachloroethane
Concen: 0.244 ug/L
RT: 10.779 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

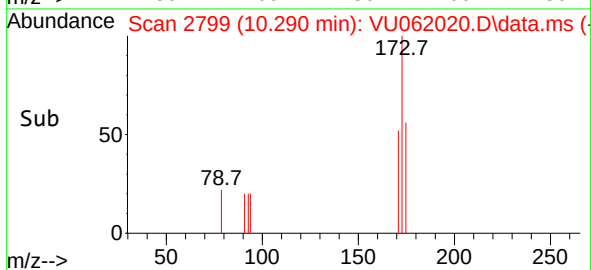
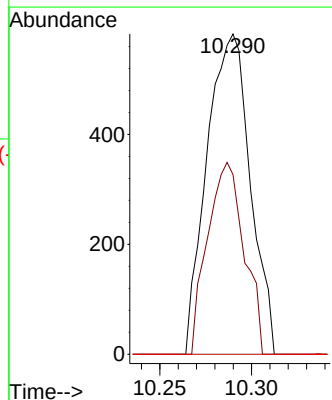
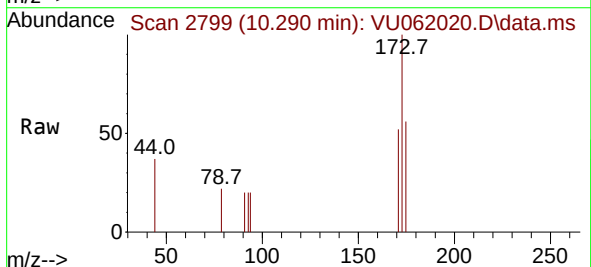
Instrument :
MSVOA_U
ClientSampleId :

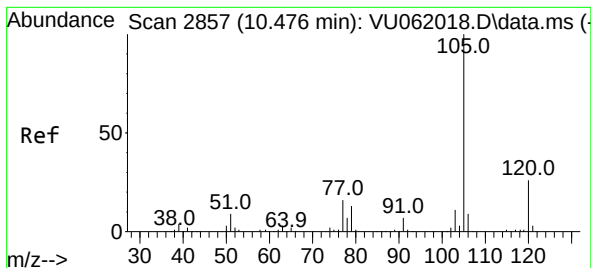
Tgt Ion: 83 Resp: 2043
Ion Ratio Lower Upper
83 100
85 56.2 44.4 82.4
131 9.7 7.3 10.9



#59
Bromoform
Concen: 0.245 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.010 min
Lab File: VU062020.D
Acq: 25 Nov 2024 14:09

Tgt Ion: 173 Resp: 957
Ion Ratio Lower Upper
173 100
175 50.7 39.0 58.4
254 0.0 7.4 11.0





#60

Isopropylbenzene

Concen: 0.222 ug/L

RT: 10.480 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU062020.D

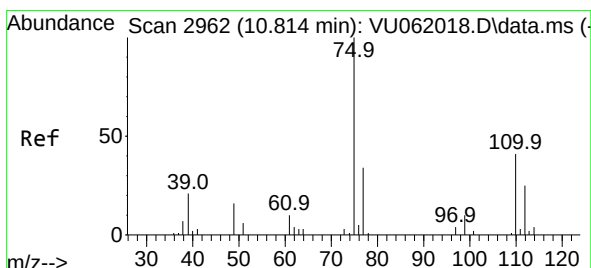
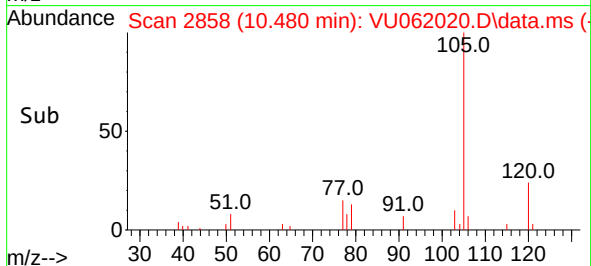
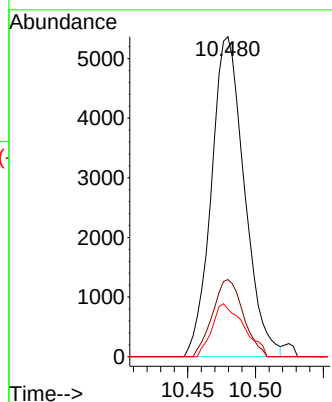
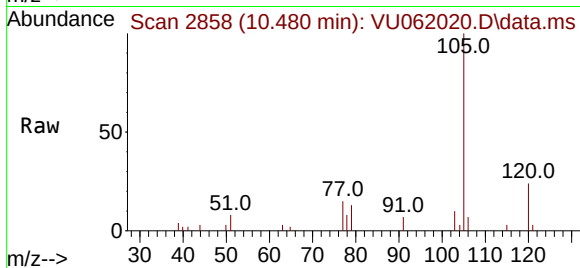
Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	9083
Ion Ratio	Lower	Upper	
105	100		
120	22.4	20.6	31.0
77	15.9	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 0.204 ug/L

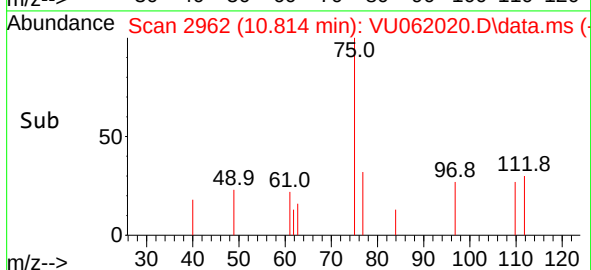
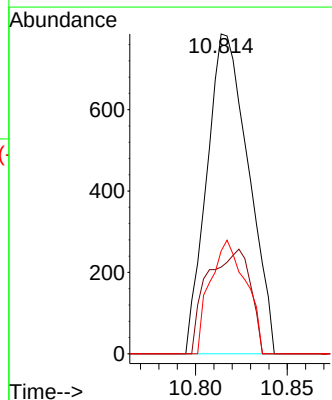
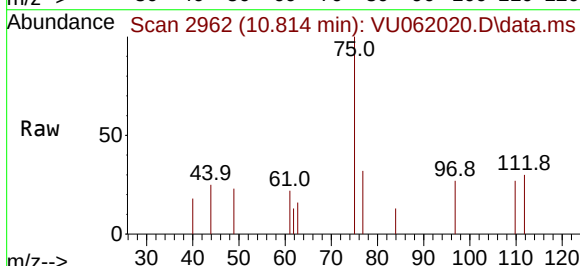
RT: 10.814 min Scan# 2962

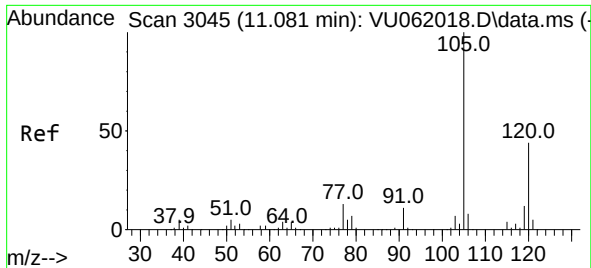
Delta R.T. 0.000 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Tgt Ion:	75	Resp:	1239
Ion Ratio	Lower	Upper	
75	100		
110	33.7	28.9	43.3
77	30.4	26.5	39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.228 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

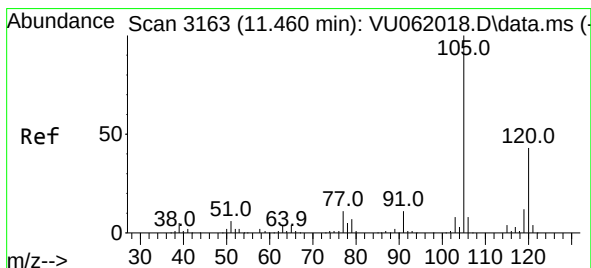
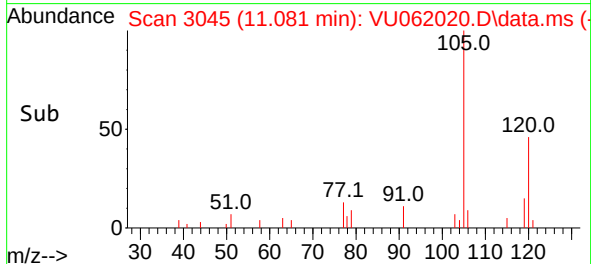
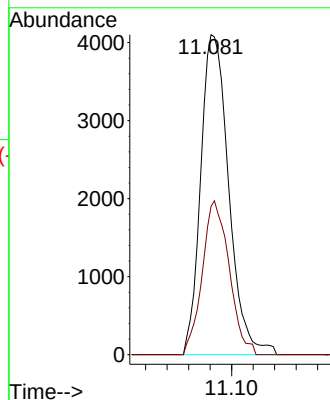
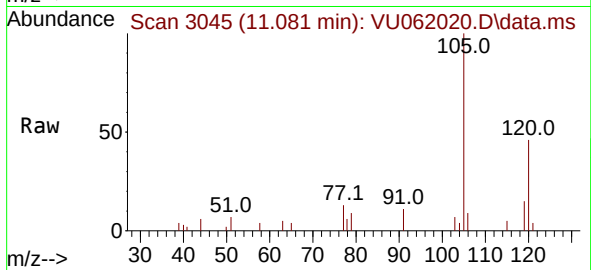
ClientSampleId :

Tgt Ion:105 Resp: 7433

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.223 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU062020.D

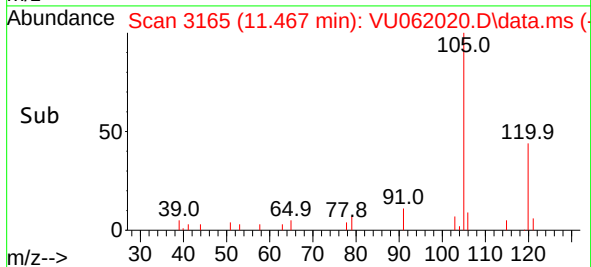
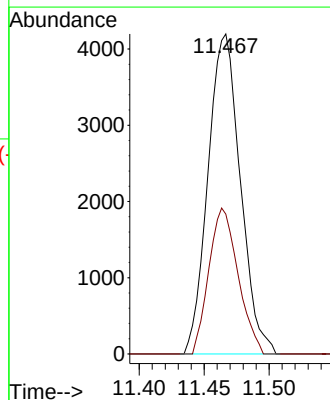
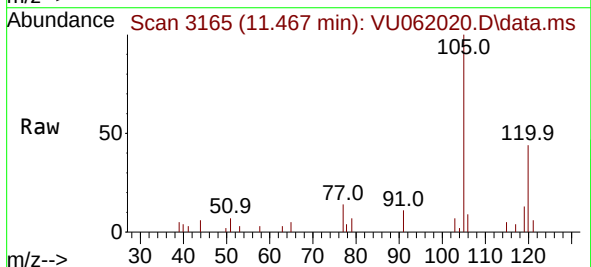
Acq: 25 Nov 2024 14:09

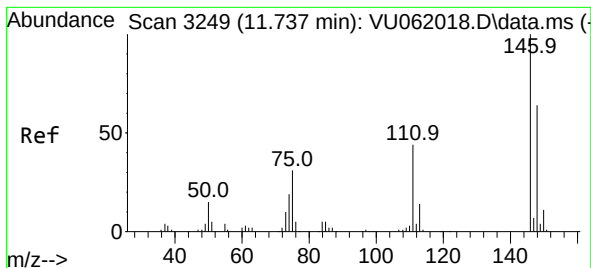
Tgt Ion:105 Resp: 7267

Ion Ratio Lower Upper

105 100

120 41.1 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.240 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

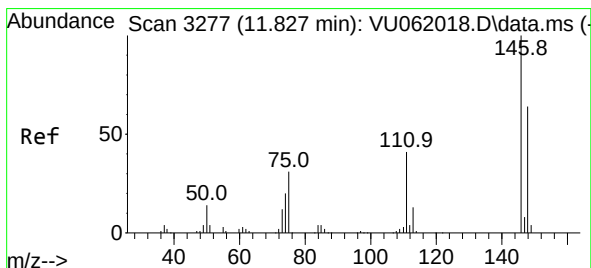
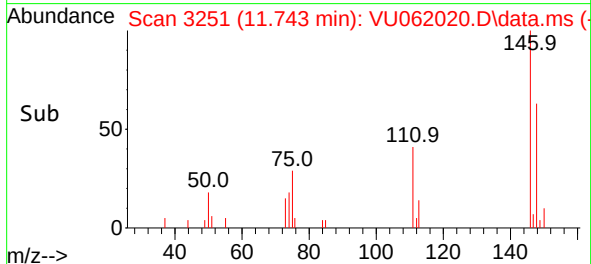
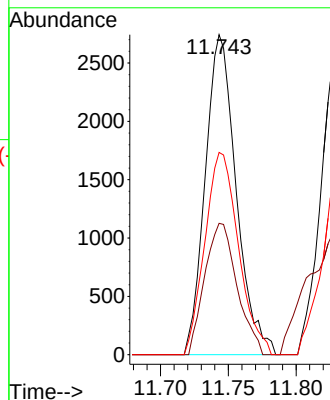
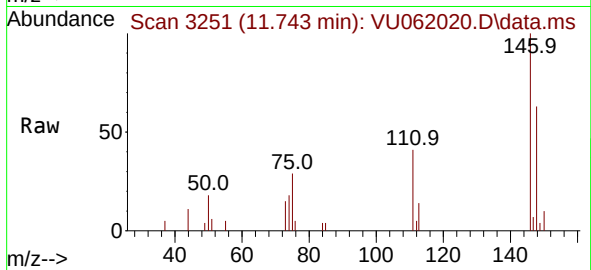
Tgt Ion:146 Resp: 4356

Ion Ratio Lower Upper

146 100

111 41.0 30.7 57.1

148 63.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 0.262 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

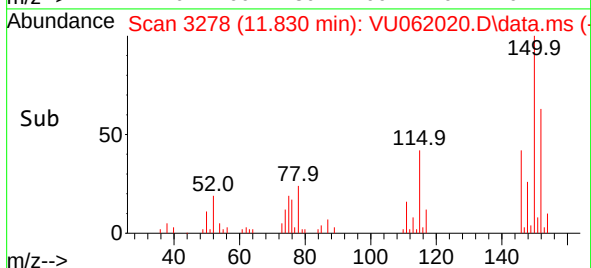
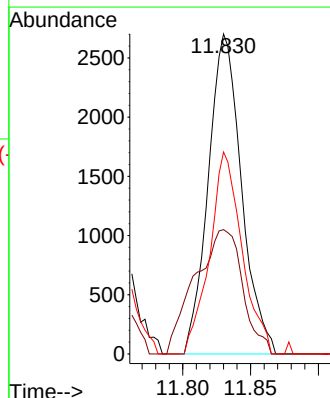
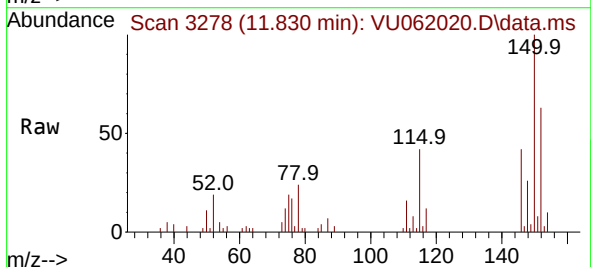
Tgt Ion:146 Resp: 4606

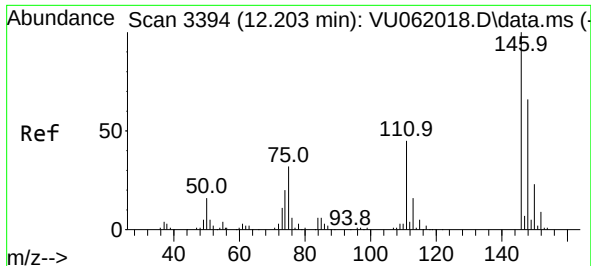
Ion Ratio Lower Upper

146 100

111 38.8 29.3 54.3

148 63.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.286 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :

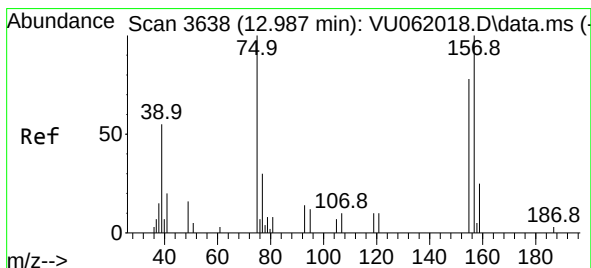
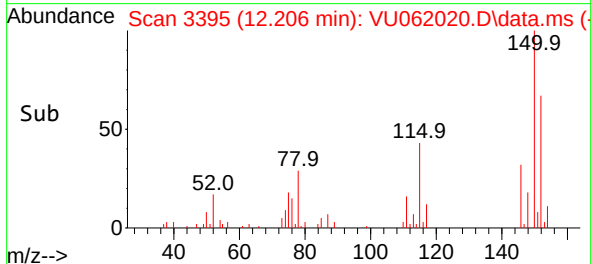
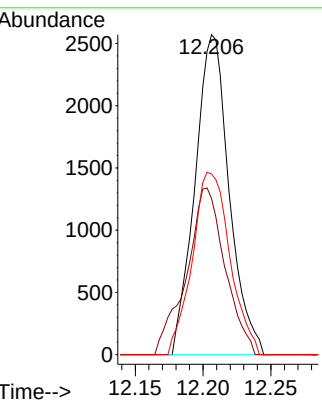
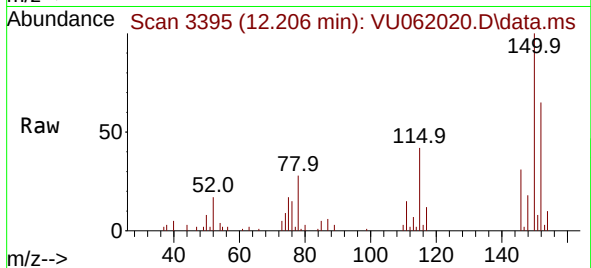
Tgt Ion:146 Resp: 4510

Ion Ratio Lower Upper

146 100

111 48.8 36.0 54.0

148 56.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.142 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

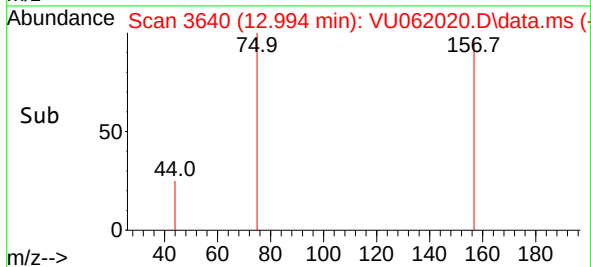
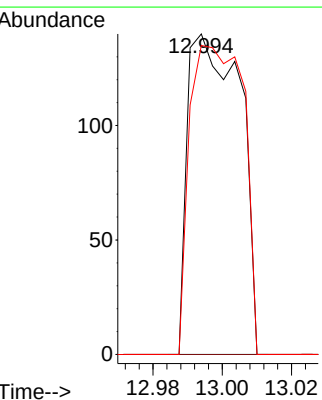
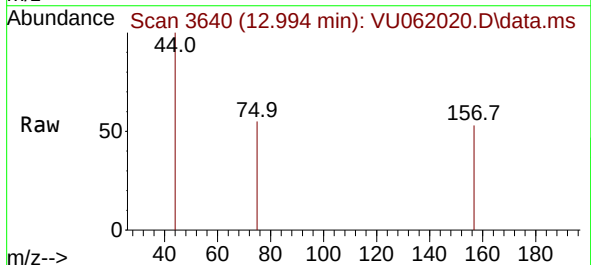
Tgt Ion: 75 Resp: 147

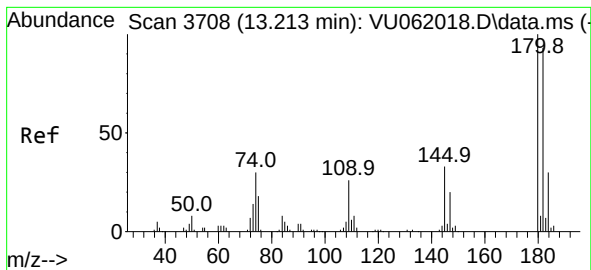
Ion Ratio Lower Upper

75 100

155 0.0 55.2 82.8#

157 96.4 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 0.257 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.010 min

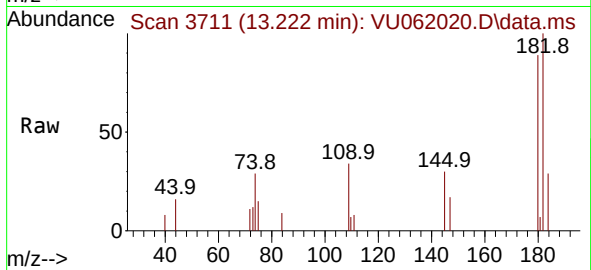
Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2780

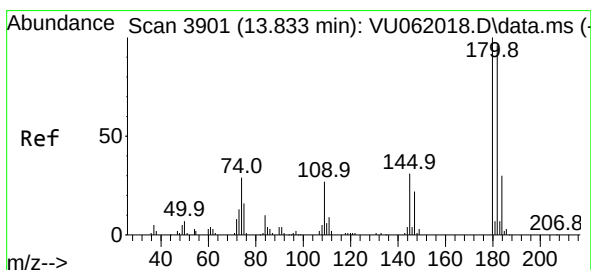
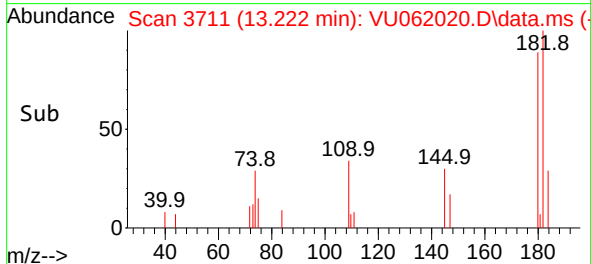
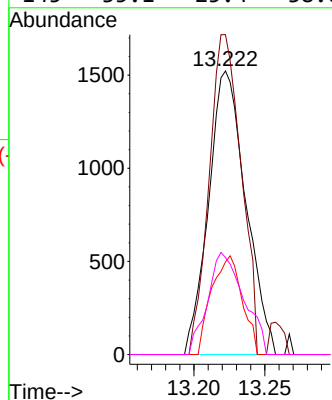
Ion Ratio Lower Upper

180 100

182 97.0 76.7 115.1

184 28.5 24.8 37.2

145 35.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.314 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU062020.D

Acq: 25 Nov 2024 14:09

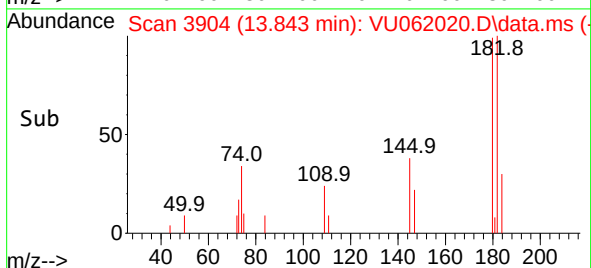
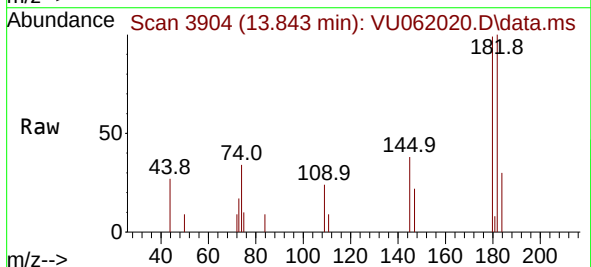
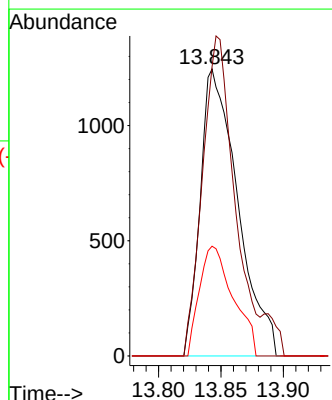
Tgt Ion:180 Resp: 2599

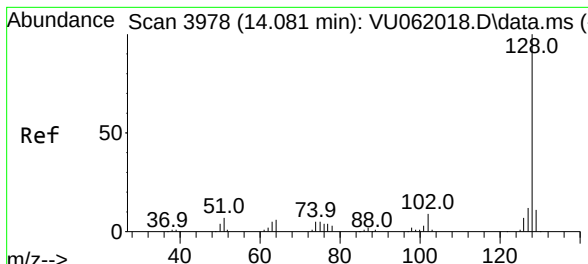
Ion Ratio Lower Upper

180 100

182 94.9 74.5 111.7

145 34.5 25.6 38.4

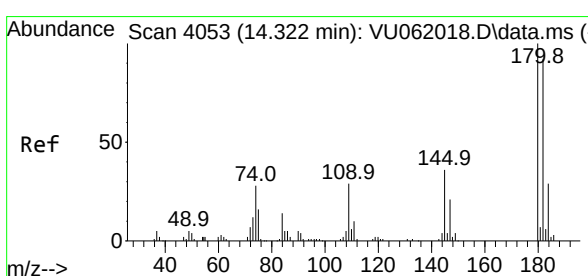
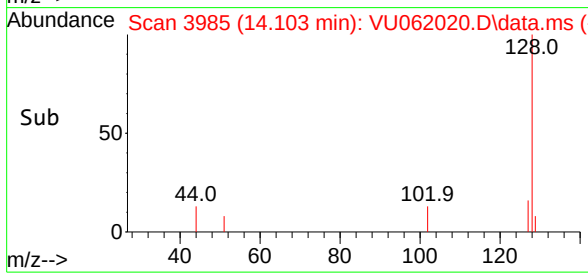
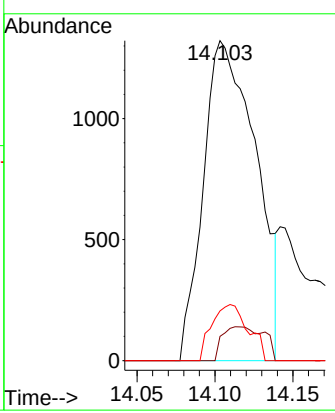
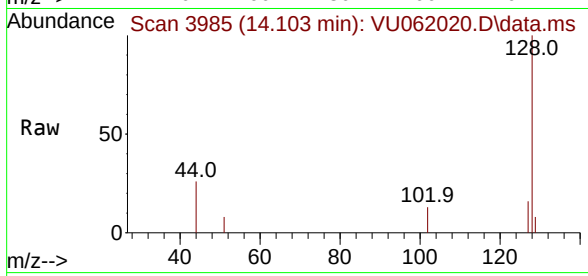




#71
 Naphthalene
 Concen: 0.232 ug/L
 RT: 14.103 min Scan# 3978
 Delta R.T. 0.022 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:128	Resp:	3099
Ion Ratio	Lower	Upper
128	100	
129	8.3	8.5 12.7#
127	12.1	10.2 15.4



#72
 1,2,3-Trichlorobenzene
 Concen: 0.308 ug/L
 RT: 14.332 min Scan# 4056
 Delta R.T. 0.010 min
 Lab File: VU062020.D
 Acq: 25 Nov 2024 14:09

Tgt Ion:180	Resp:	2196
Ion Ratio	Lower	Upper
180	100	
182	98.0	76.1 114.1
145	31.0	27.4 41.0

