

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063165.D
 Acq On : 05 Feb 2025 17:31
 Operator : MD/SY
 Sample : Q1226-18MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN8MS

Quant Time: Feb 06 07:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	83244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	79805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	38618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20004	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.901	69	20878	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.554	65	9858	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.605	46	83228	53.095	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	5.049	84	53077	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.689	65	27758	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	99380	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.676	67	33413	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.888	98	89612	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.171	79	12349	4.802	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.618	63	67465	52.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30537	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31451	4.877	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	37450	5.193	ug/L	99
3) Chloromethane	1.515	50	39315	4.976	ug/L	99
5) Vinyl chloride	1.599	62	41582	5.199	ug/L	99
6) Bromomethane	1.843	94	13439	3.342	ug/L	96
8) Chloroethane	1.920	64	26213	5.441	ug/L	100
9) Trichlorofluoromethane	2.126	101	49065	5.462	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	29502	5.343	ug/L	99
12) 1,1-Dichloroethene	2.567	96	28609	5.287	ug/L	97
13) Acetone	2.612	43	54454	55.165	ug/L	100
14) Carbon disulfide	2.779	76	98936	5.208	ug/L	99
15) Methyl Acetate	2.939	43	13433	4.983	ug/L	97
16) Methylene chloride	3.030	84	33730	5.211	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	76569	5.135	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	31943	5.521	ug/L	99
19) 1,1-Dichloroethane	3.853	63	61715	5.306	ug/L	98
21) 2-Butanone	4.685	43	89366	54.527	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	81068	12.560	ug/L	99
23) Bromochloromethane	4.962	128	15678	5.415	ug/L	94
25) Chloroform	5.071	83	62213	5.434	ug/L	99

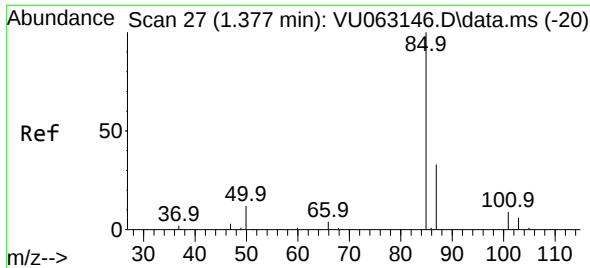
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	39861	5.285	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	50410	5.337	ug/L	99
30) Cyclohexane	5.373	56	51574	5.158	ug/L	99
31) Carbon tetrachloride	5.512	117	42670	5.353	ug/L	99
33) Benzene	5.759	78	141769	5.398	ug/L	100
34) Trichloroethene	6.528	95	106652	15.990	ug/L	98
35) Methylcyclohexane	6.750	83	50957	5.098	ug/L	99
37) 1,2-Dichloropropane	6.779	63	38066	5.435	ug/L	100
38) Bromodichloromethane	7.094	83	43874	5.216	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	51379	5.144	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	219270	53.037	ug/L	99
42) Toluene	7.959	91	146556	5.339	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	43297	5.178	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	26727	5.167	ug/L	99
47) Tetrachloroethene	8.544	164	375735	80.209	ug/L	100
48) 2-Hexanone	8.669	43	159937	54.835	ug/L	99
49) Dibromochloromethane	8.798	129	29025	5.331	ug/L	98
50) 1,2-Dibromoethane	8.914	107	24960	5.261	ug/L	99
51) Chlorobenzene	9.434	112	92409	5.577	ug/L	98
52) Ethylbenzene	9.560	91	151752	5.285	ug/L	98
53) m,p-Xylene	9.682	106	56886	5.493	ug/L	99
54) o-Xylene	10.090	106	60076	5.850	ug/L	97
55) Styrene	10.103	104	90605	5.360	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	34502	5.196	ug/L	99
59) Bromoform	10.280	173	17220	5.172	ug/L	99
60) Isopropylbenzene	10.473	105	155224	5.660	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23839	5.115	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	112293	5.191	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	134536	6.468	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	64847	5.219	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	65749	5.263	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	67850	5.844	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	5125	5.497	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	43120	5.079	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	33370	4.996	ug/L	99
71) Naphthalene	14.081	128	55255	5.041	ug/L	98
72) 1,2,3-Trichlorobenzene	14.318	180	30889	5.176	ug/L	98

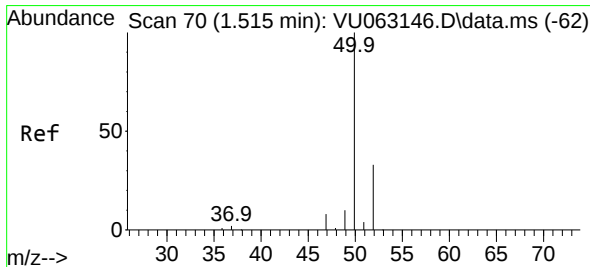
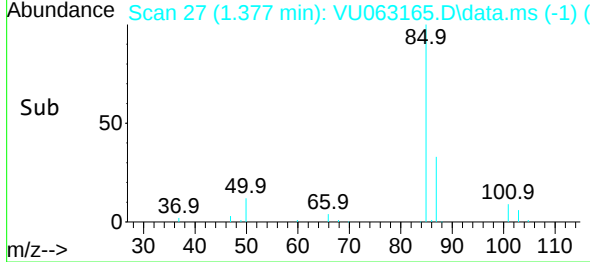
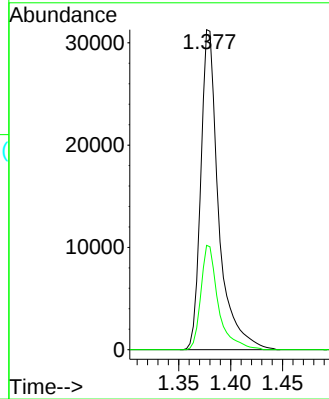
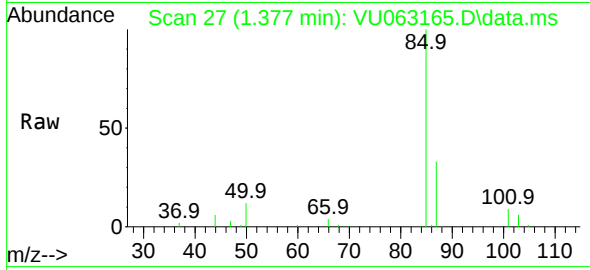
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#2
Dichlorodifluoromethane
Concen: 5.193 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

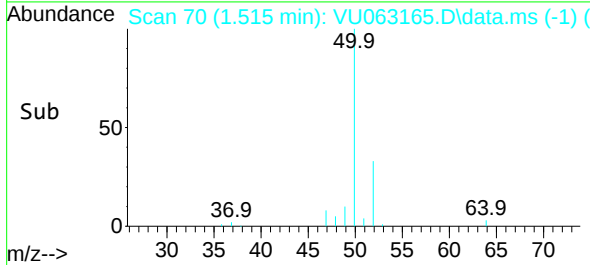
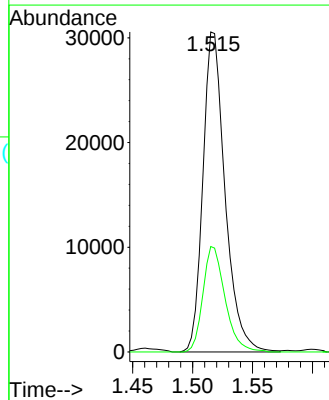
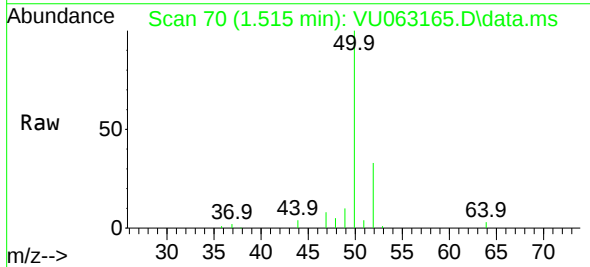
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

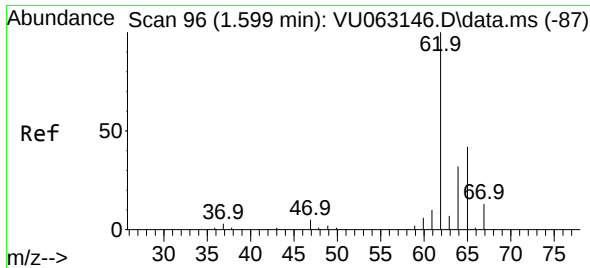
Tgt Ion: 85 Resp: 37450
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 4.976 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 50 Resp: 39315
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.6

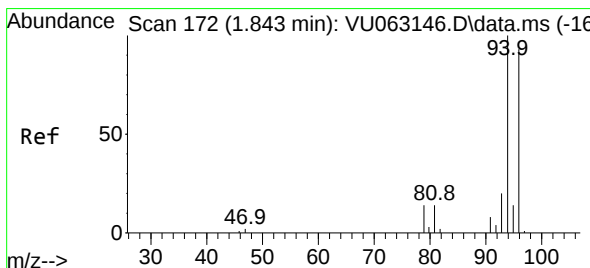
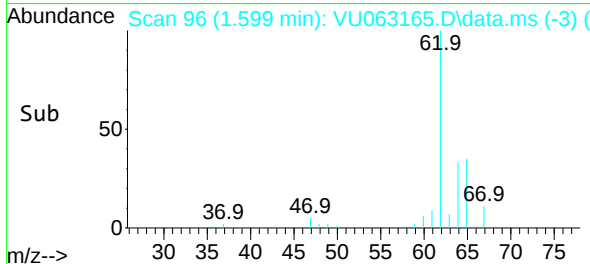
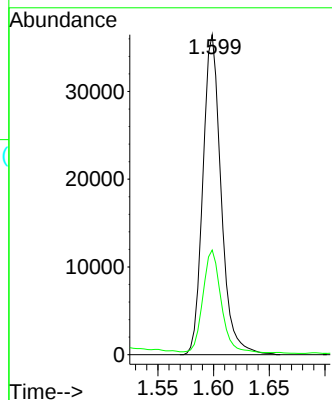
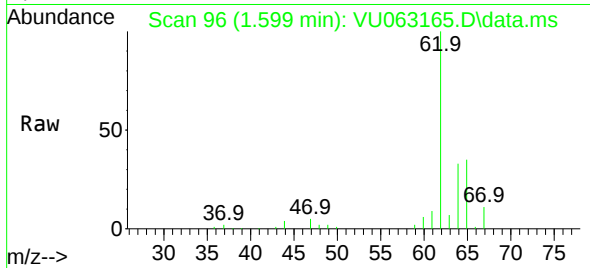




#5
 Vinyl chloride
 Concen: 5.199 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU063165.D
 Acq: 05 Feb 2025 17:31

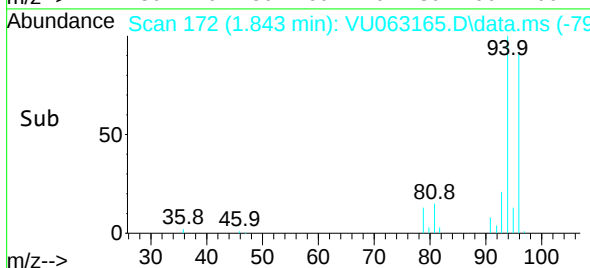
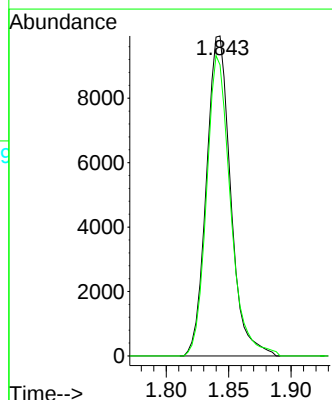
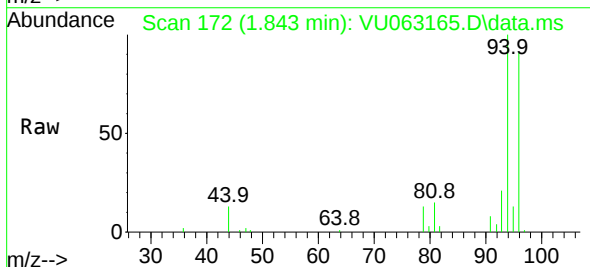
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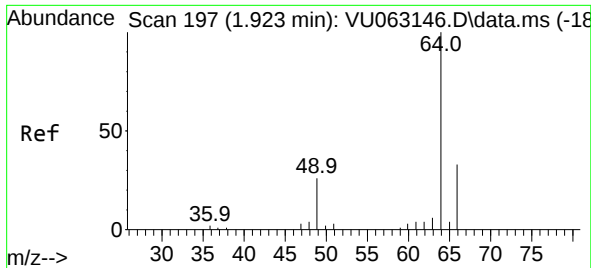
Tgt Ion: 62 Resp: 41582
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 3.342 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU063165.D
 Acq: 05 Feb 2025 17:31

Tgt Ion: 94 Resp: 13439
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.3 123.1

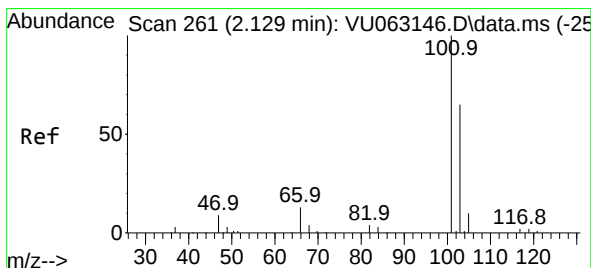
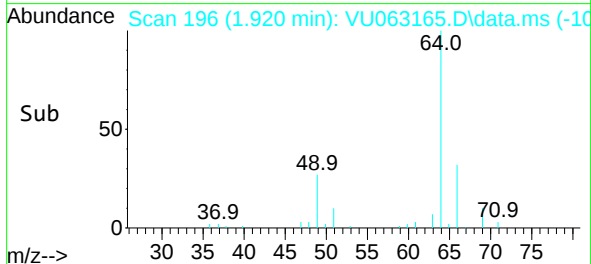
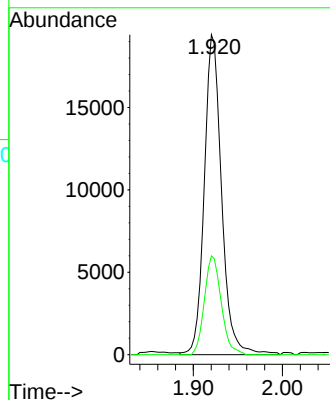
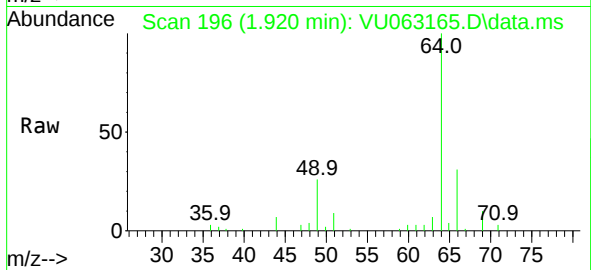




#8
Chloroethane
Concen: 5.441 ug/L
RT: 1.920 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

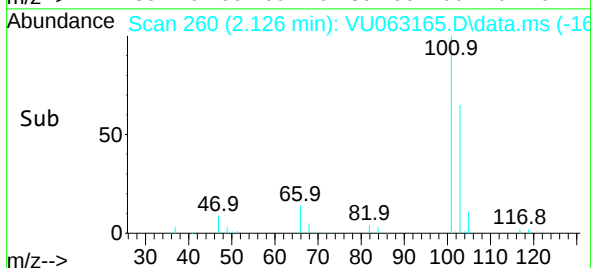
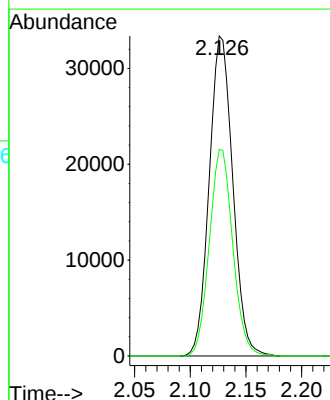
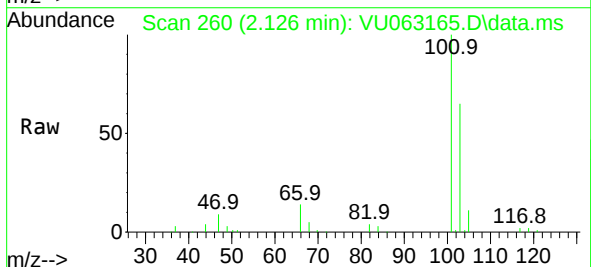
Instrument :
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ClientSampleId :
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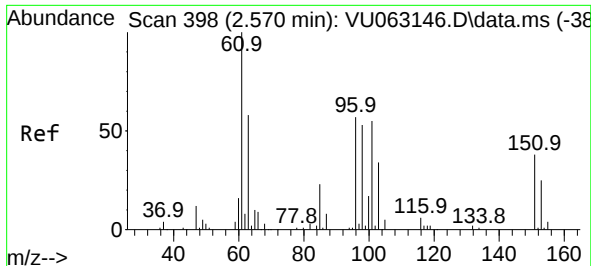
Tgt Ion: 64 Resp: 26213
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.462 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion:101 Resp: 49065
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

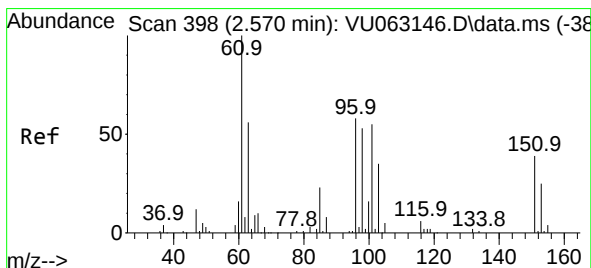
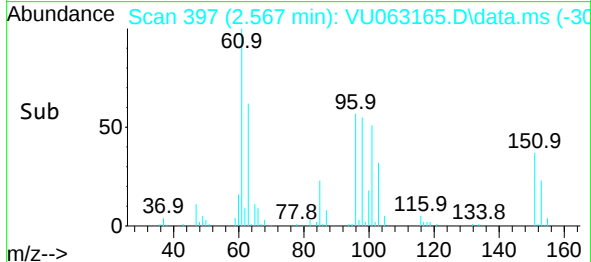
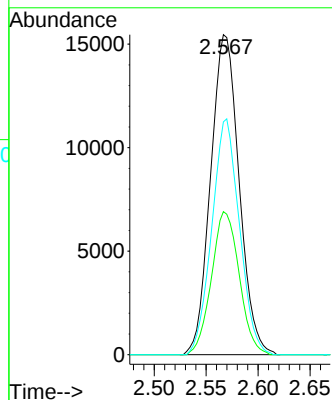
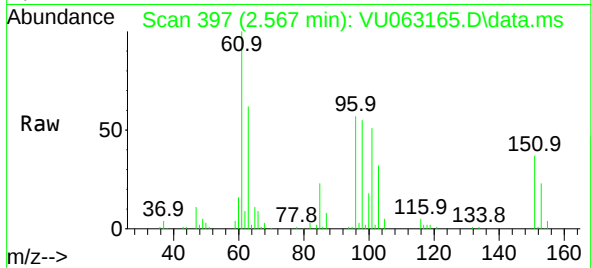




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.343 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

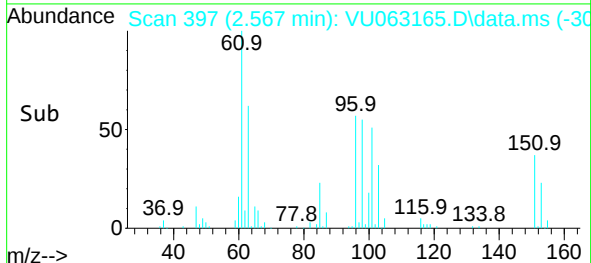
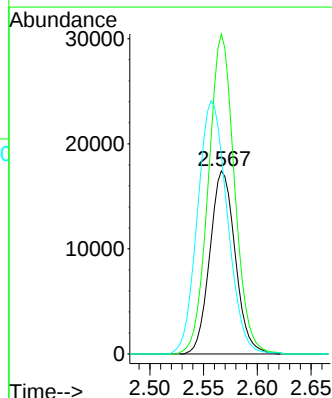
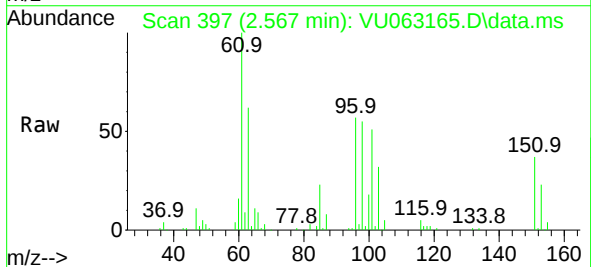
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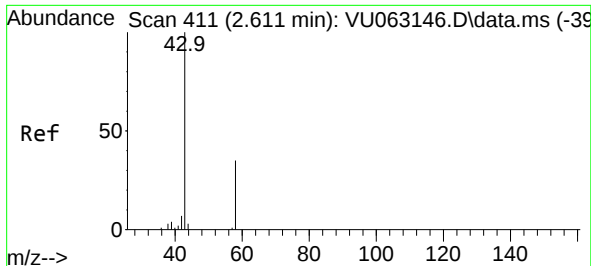
Tgt Ion:101 Resp: 29502
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.4
151 71.4 56.3 84.5



#12
1,1-Dichloroethene
Concen: 5.287 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 96 Resp: 28609
Ion Ratio Lower Upper
96 100
61 174.9 121.9 226.3
63 108.7 80.3 149.1





#13

Acetone

Concen: 55.165 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

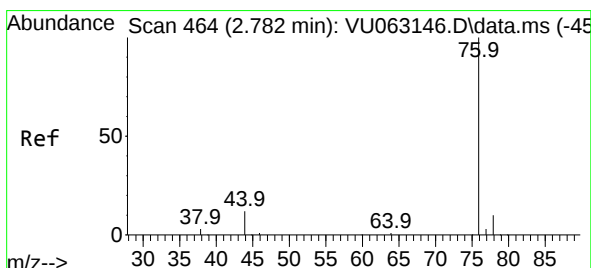
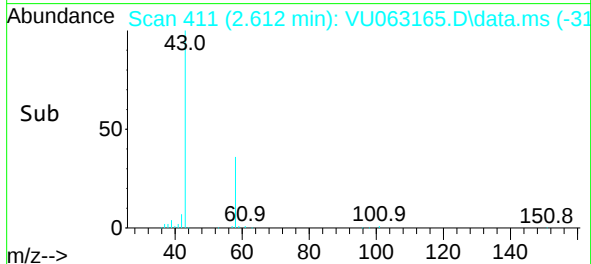
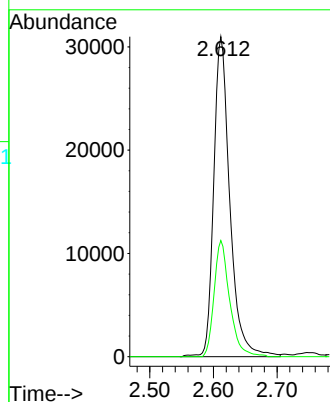
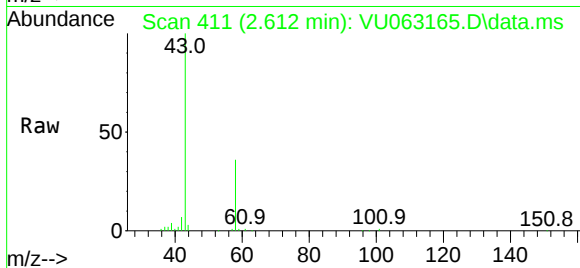
DCZN8MS

Tgt Ion: 43 Resp: 54454

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.2



#14

Carbon disulfide

Concen: 5.208 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063165.D

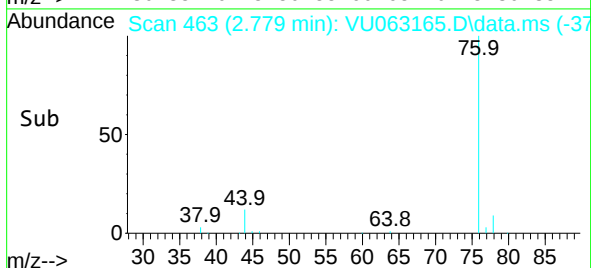
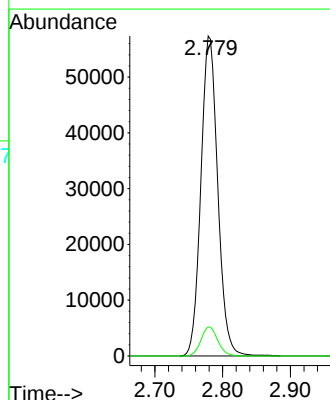
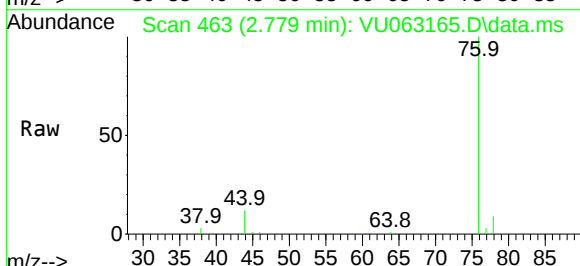
Acq: 05 Feb 2025 17:31

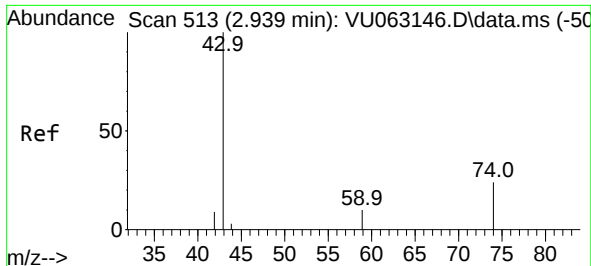
Tgt Ion: 76 Resp: 98936

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

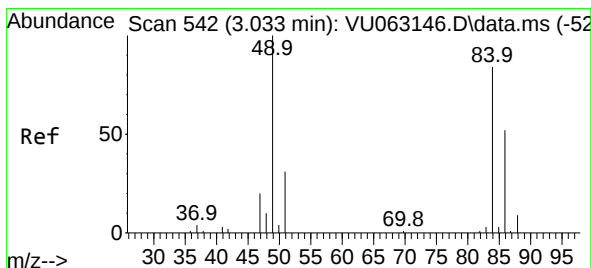
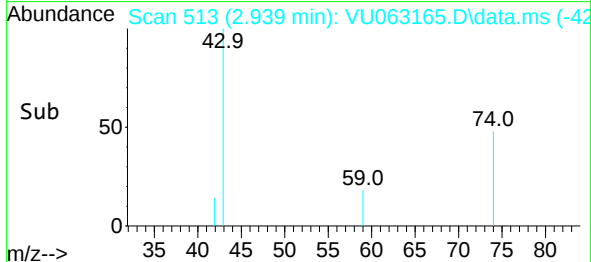
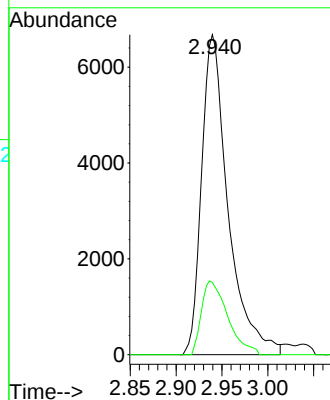
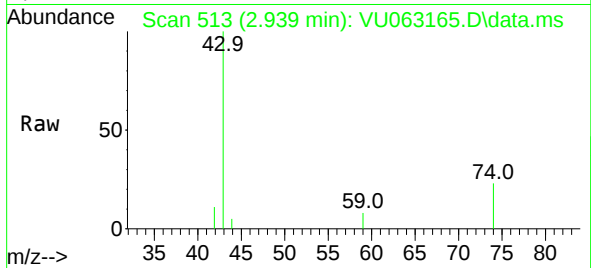




#15
Methyl Acetate
Concen: 4.983 ug/L
RT: 2.939 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

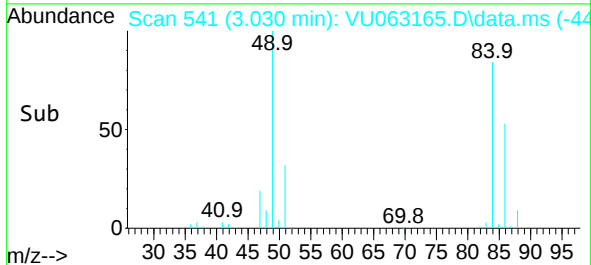
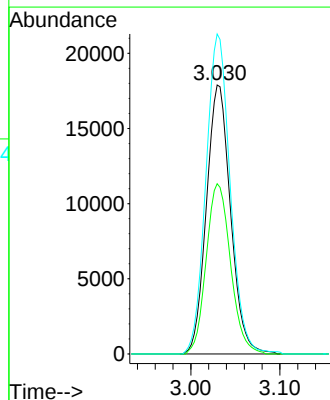
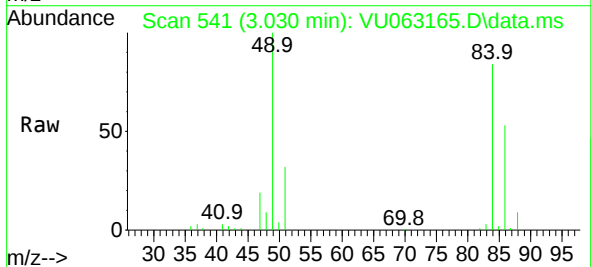
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

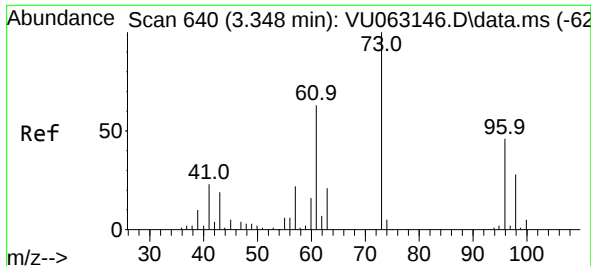
Tgt Ion: 43 Resp: 13433
Ion Ratio Lower Upper
43 100
74 22.7 19.5 29.3



#16
Methylene chloride
Concen: 5.211 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 84 Resp: 33730
Ion Ratio Lower Upper
84 100
86 63.3 45.0 83.6
49 119.0 82.4 153.0





#17

Methyl tert-butyl Ether

Concen: 5.135 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

DCZN8MS

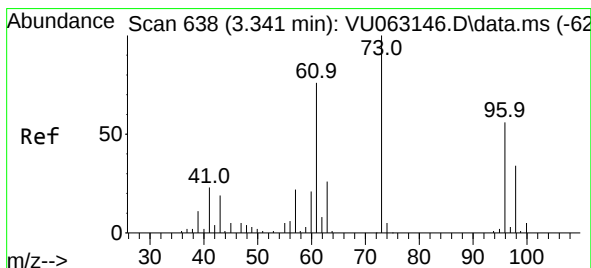
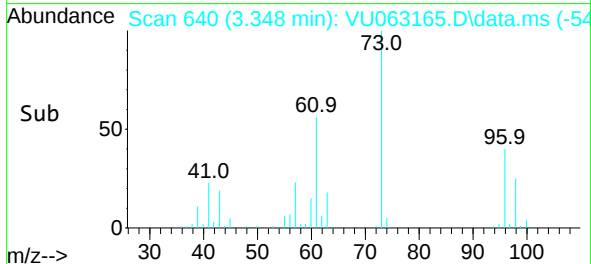
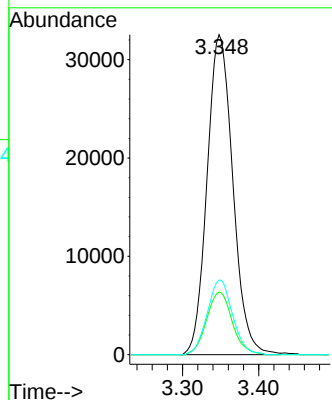
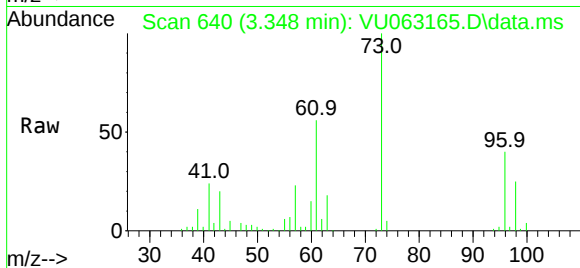
Tgt Ion: 73 Resp: 76569

Ion Ratio Lower Upper

73 100

43 19.5 15.1 22.7

57 23.0 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 5.521 ug/L

RT: 3.338 min Scan# 637

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

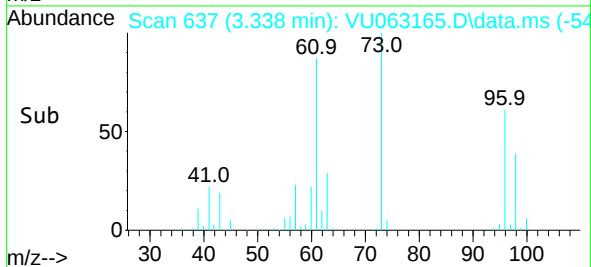
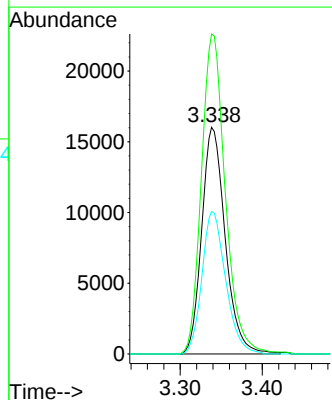
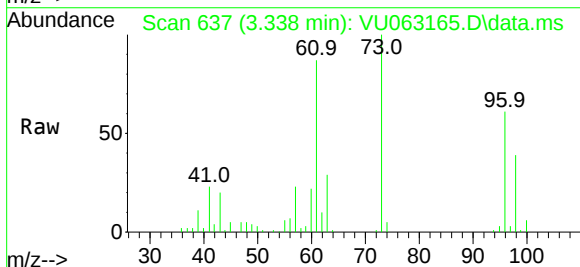
Tgt Ion: 96 Resp: 31943

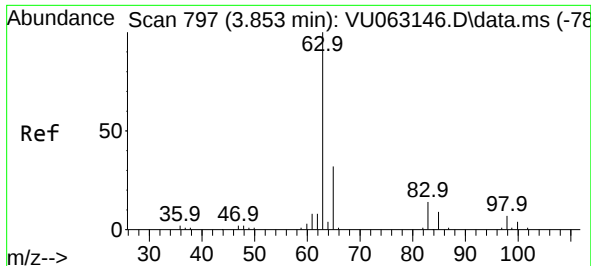
Ion Ratio Lower Upper

96 100

61 141.2 99.2 184.2

98 62.9 43.2 80.2

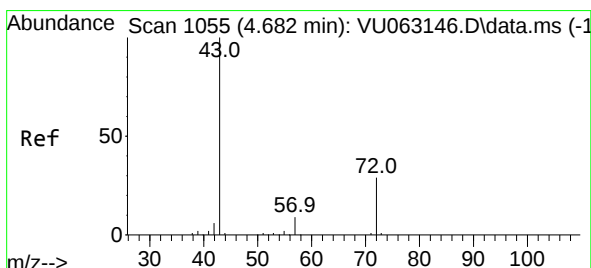
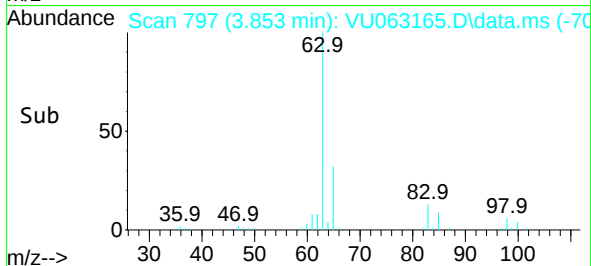
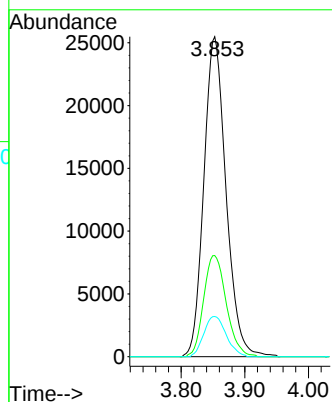
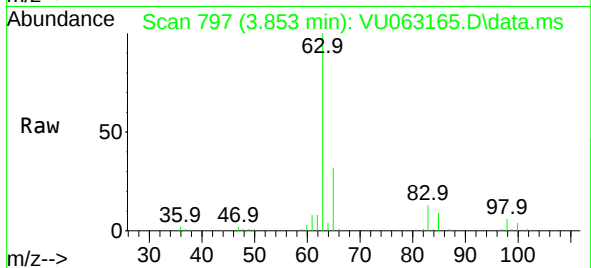




#19
1,1-Dichloroethane
Concen: 5.306 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

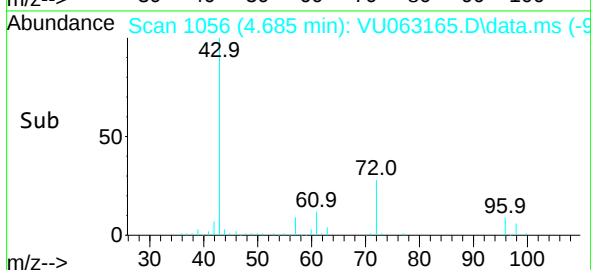
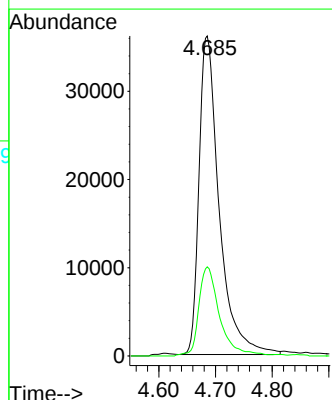
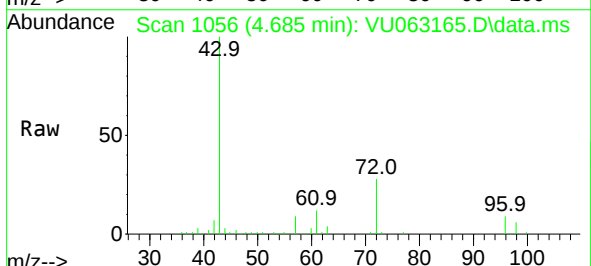
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

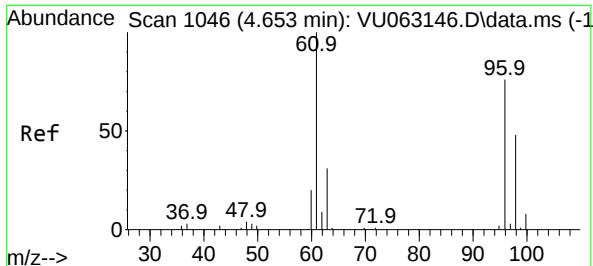
Tgt Ion: 63 Resp: 61715
Ion Ratio Lower Upper
63 100
65 31.6 23.2 43.0
83 12.6 8.7 16.1



#21
2-Butanone
Concen: 54.527 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 43 Resp: 89366
Ion Ratio Lower Upper
43 100
72 28.9 13.9 41.7

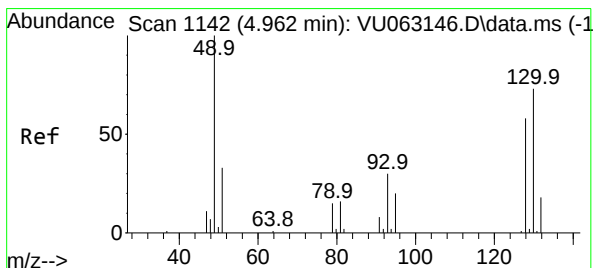
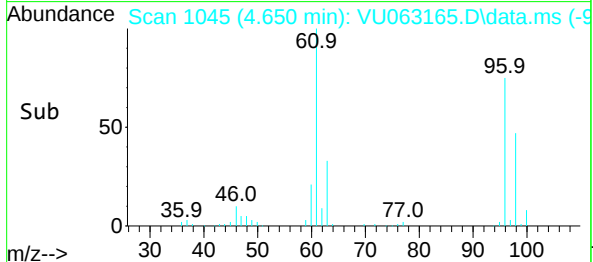
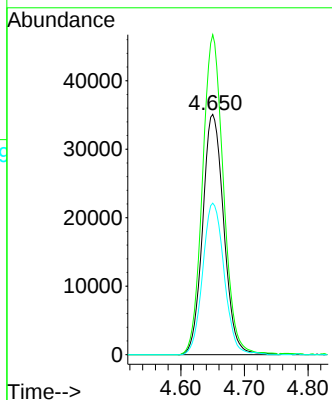
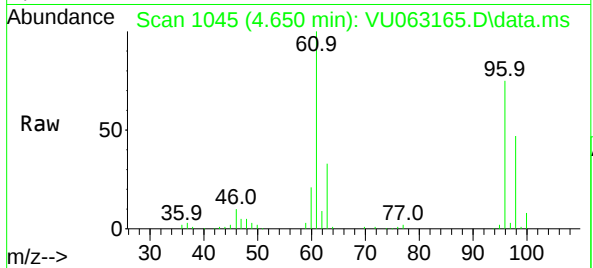




#22
 cis-1,2-Dichloroethene
 Concen: 12.560 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU063165.D
 Acq: 05 Feb 2025 17:31

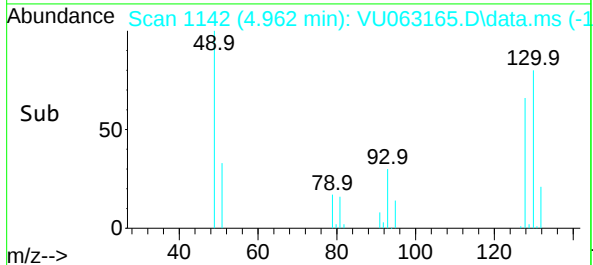
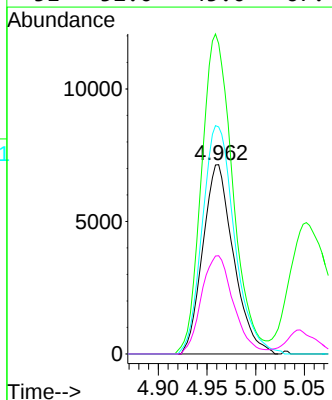
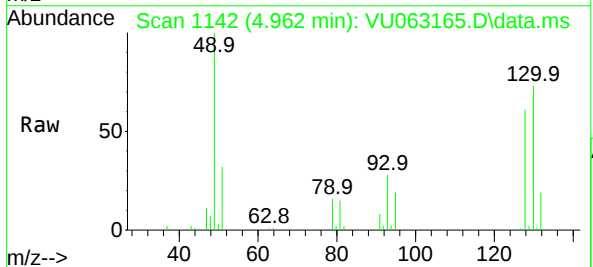
Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN8MS

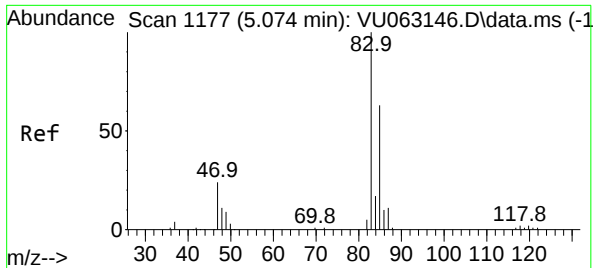
Tgt Ion: 96 Resp: 81068
 Ion Ratio Lower Upper
 96 100
 61 133.2 91.8 170.6
 98 63.0 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.415 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU063165.D
 Acq: 05 Feb 2025 17:31

Tgt Ion: 128 Resp: 15678
 Ion Ratio Lower Upper
 128 100
 49 163.9 121.2 225.2
 130 120.0 89.2 165.6
 51 52.0 45.0 67.4





#25

Chloroform

Concen: 5.434 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

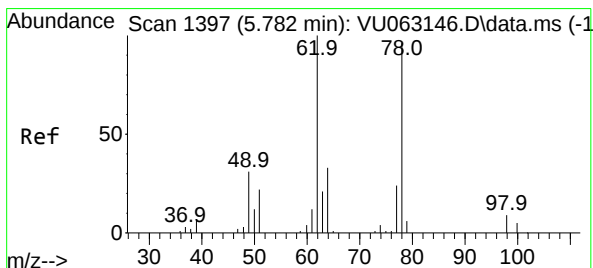
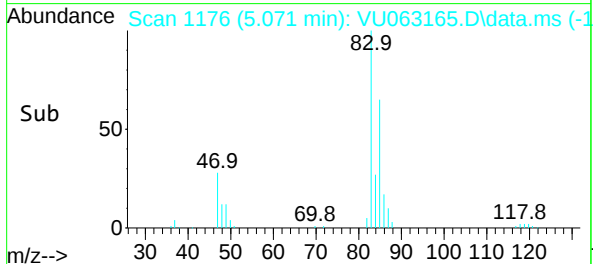
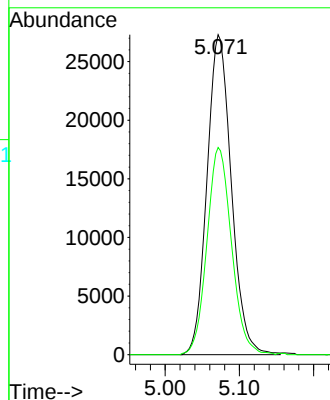
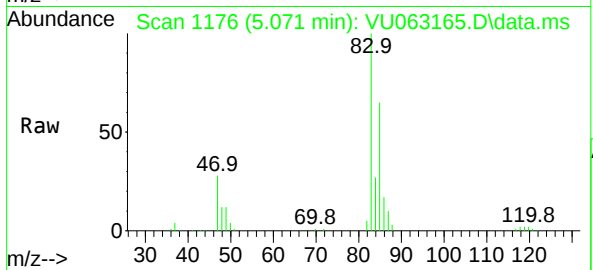
DCZN8MS

Tgt Ion: 83 Resp: 62213

Ion Ratio Lower Upper

83 100

85 64.8 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.285 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU063165.D

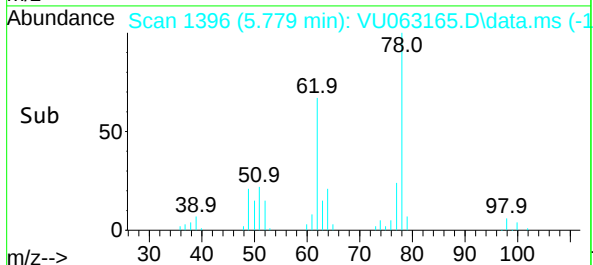
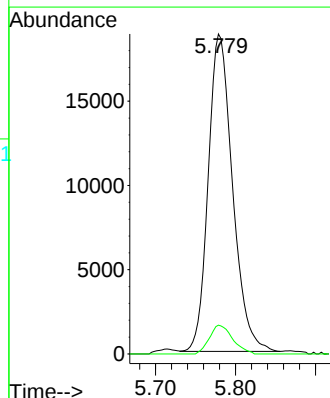
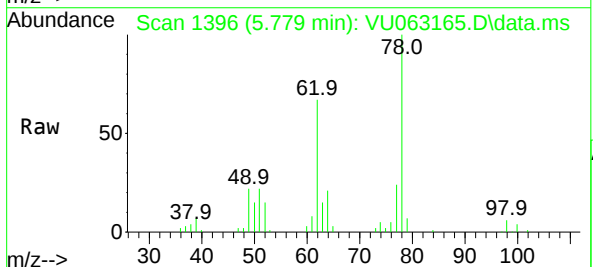
Acq: 05 Feb 2025 17:31

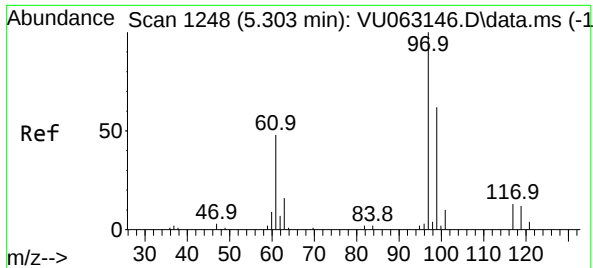
Tgt Ion: 62 Resp: 39861

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8

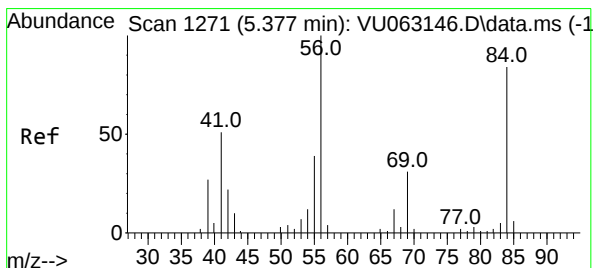
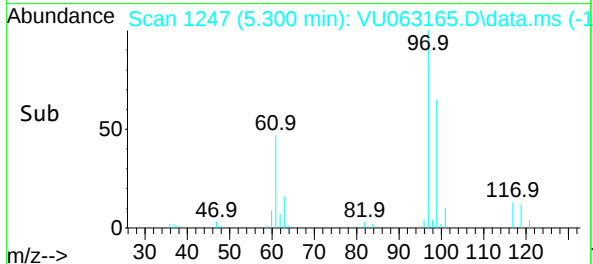
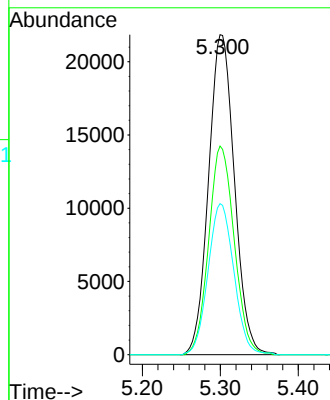
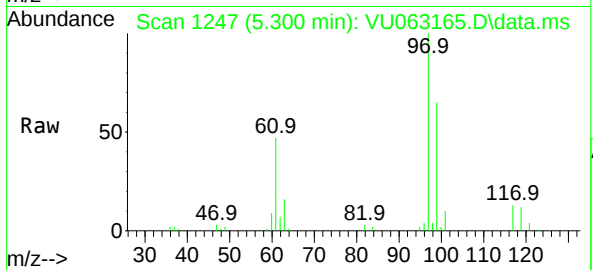




#29
1,1,1-Trichloroethane
Concen: 5.337 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

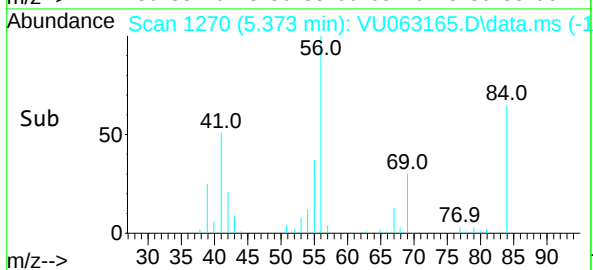
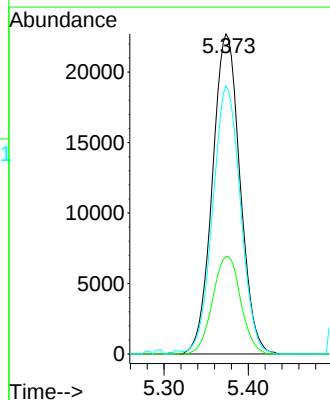
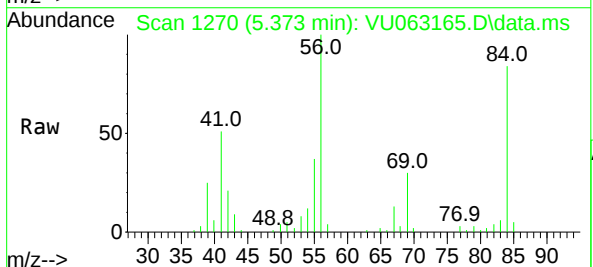
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

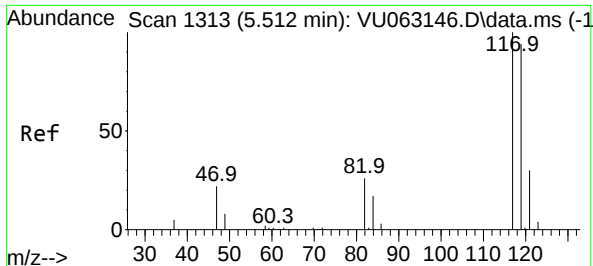
Tgt Ion:	97	Resp:	50410
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	47.1	38.5	57.7



#30
Cyclohexane
Concen: 5.158 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion:	56	Resp:	51574
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.6	37.0
84	84.2	67.9	101.9

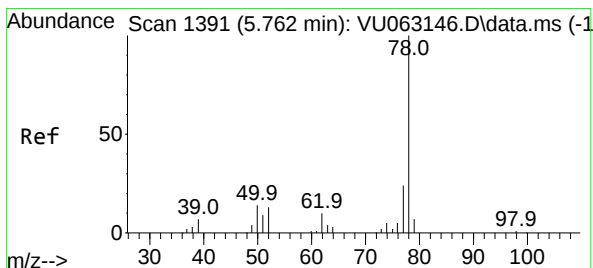
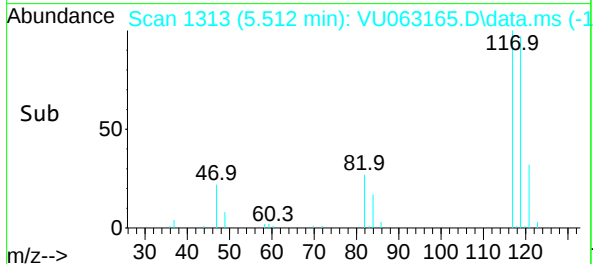
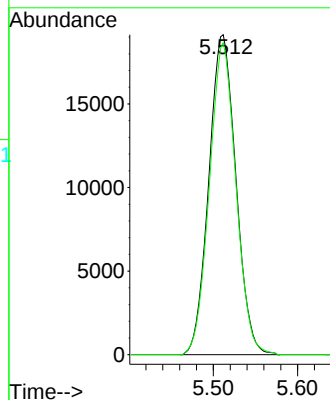
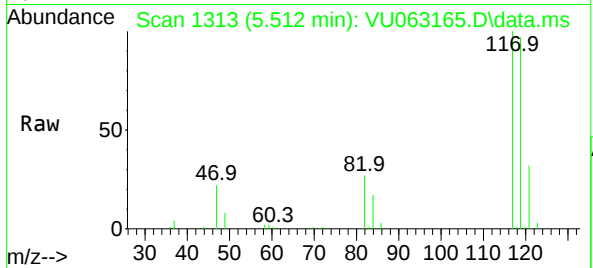




#31
Carbon tetrachloride
Concen: 5.353 ug/L
RT: 5.512 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

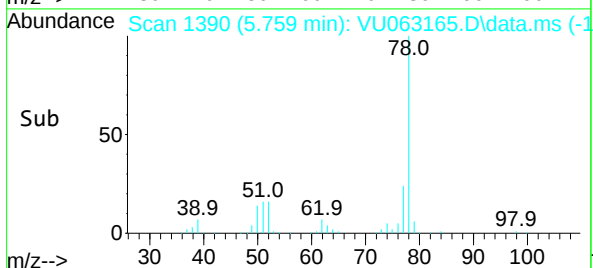
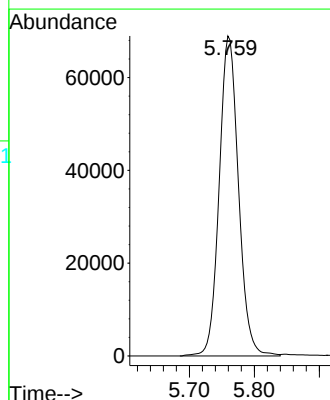
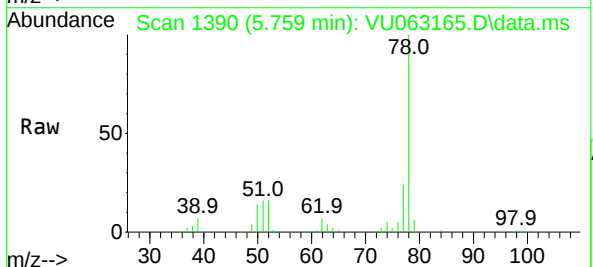
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

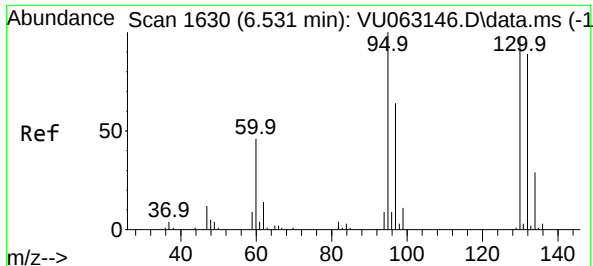
Tgt Ion:117 Resp: 42670
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 5.398 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 78 Resp: 141769

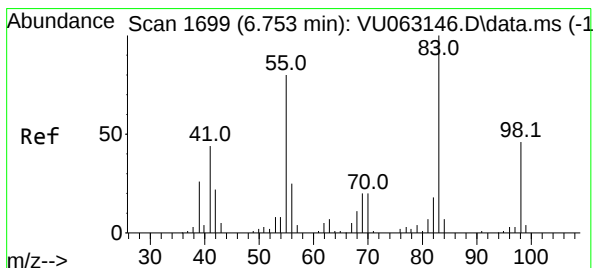
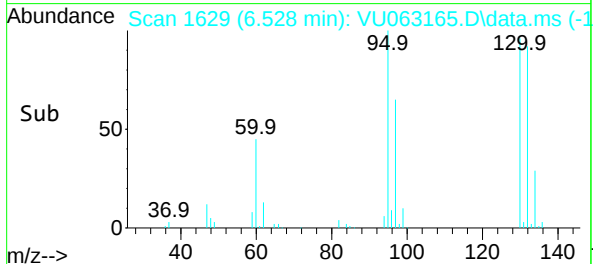
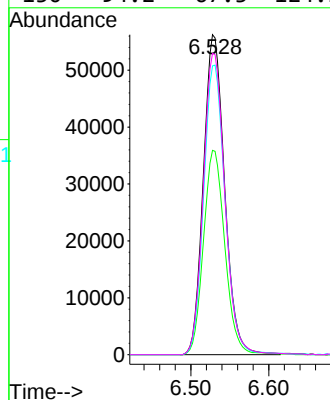
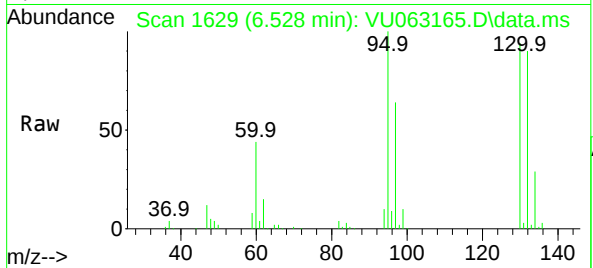




#34
Trichloroethene
Concen: 15.990 ug/L
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

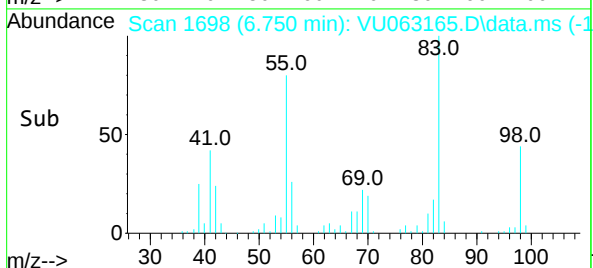
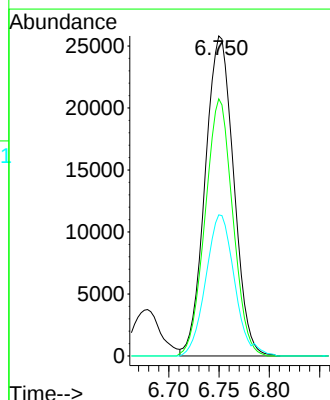
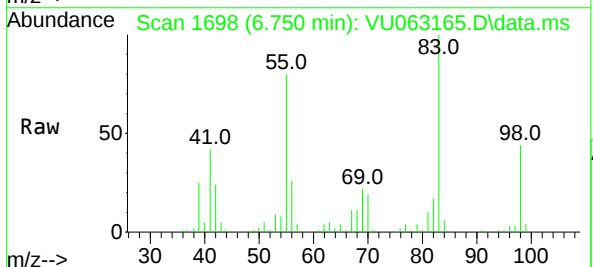
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

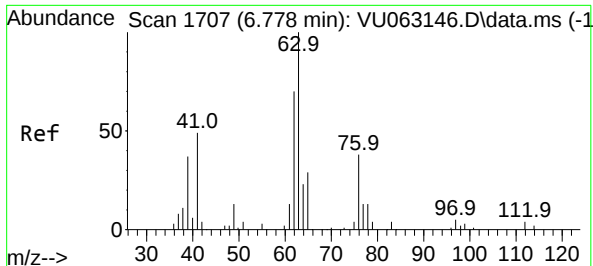
Tgt Ion: 95 Resp: 106652
Ion Ratio Lower Upper
95 100
97 63.9 46.7 86.7
132 90.2 62.4 115.8
130 94.2 67.3 124.9



#35
Methylcyclohexane
Concen: 5.098 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 83 Resp: 50957
Ion Ratio Lower Upper
83 100
55 77.8 62.8 94.2
98 44.4 36.0 54.0

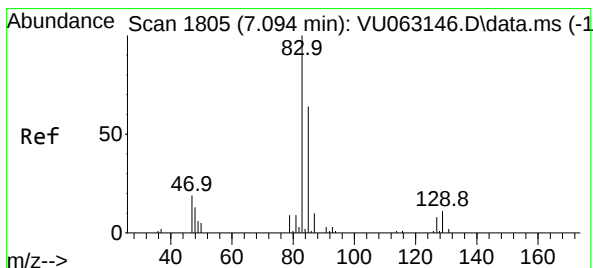
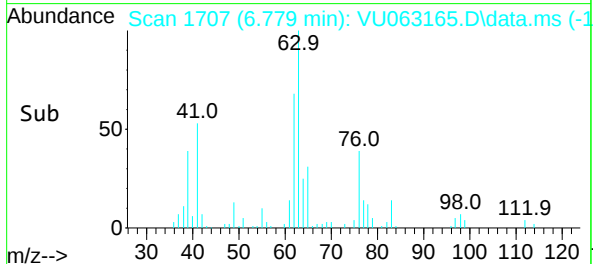
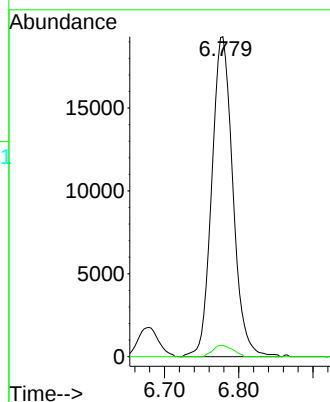
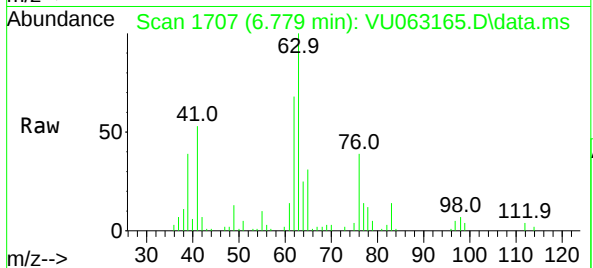




#37
1,2-Dichloropropane
Concen: 5.435 ug/L
RT: 6.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

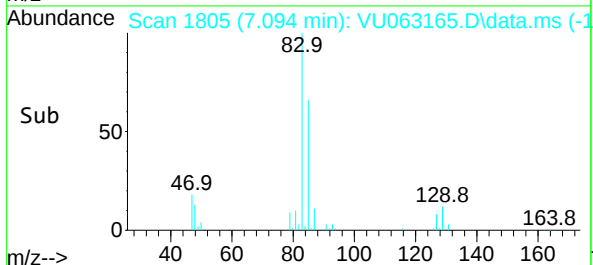
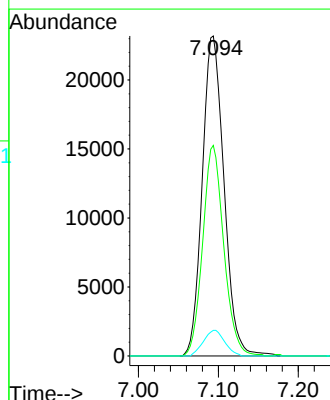
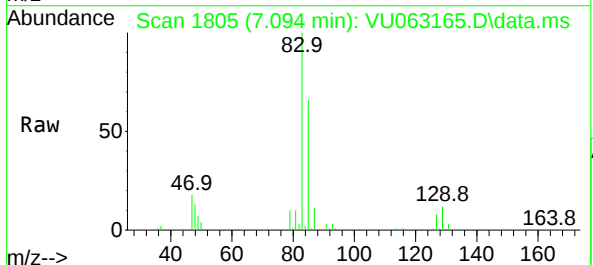
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

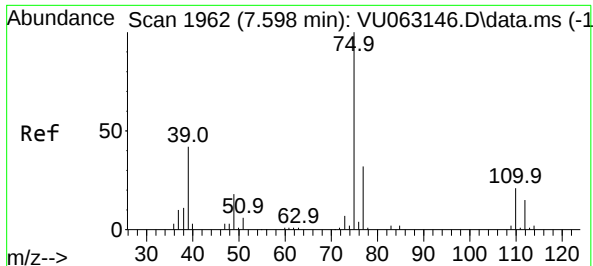
Tgt Ion: 63 Resp: 38066
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 5.216 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 83 Resp: 43874
Ion Ratio Lower Upper
83 100
85 65.8 44.0 81.8
127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.144 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

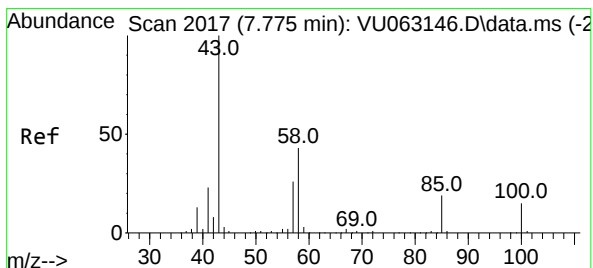
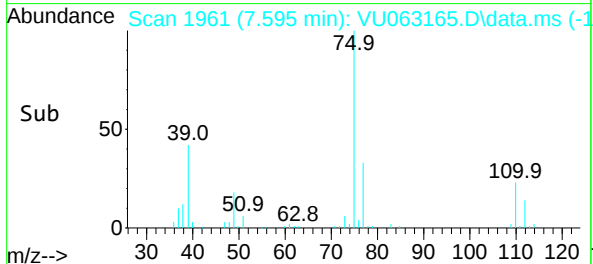
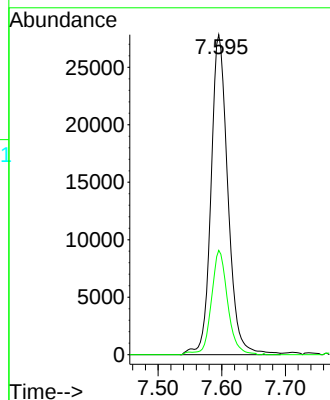
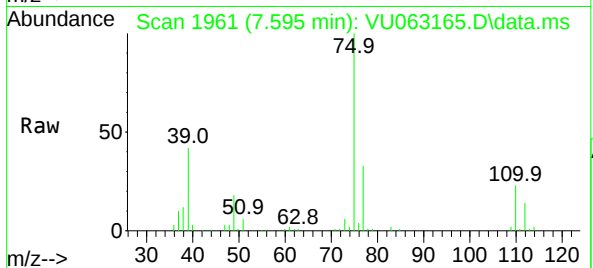
DCZN8MS

Tgt Ion: 75 Resp: 51379

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.037 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

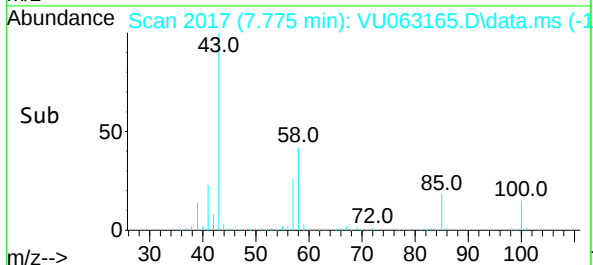
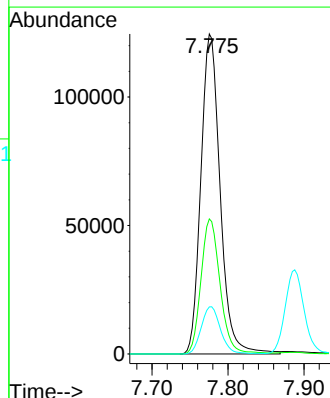
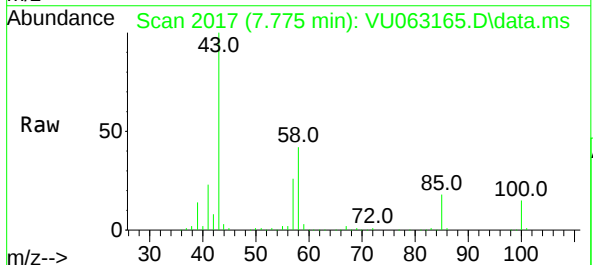
Tgt Ion: 43 Resp: 219270

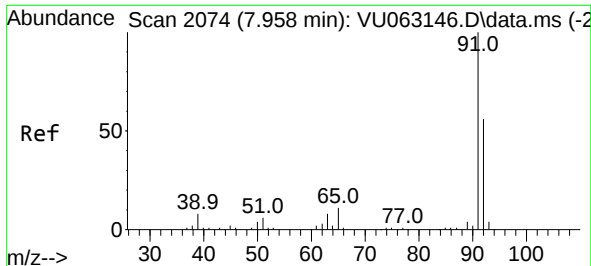
Ion Ratio Lower Upper

43 100

58 41.8 33.7 50.5

100 14.7 12.1 18.1





#42

Toluene

Concen: 5.339 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

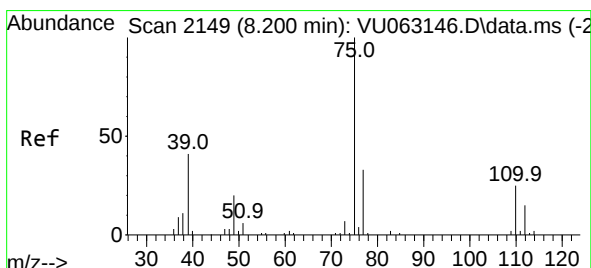
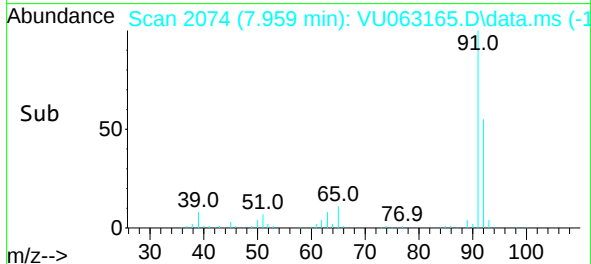
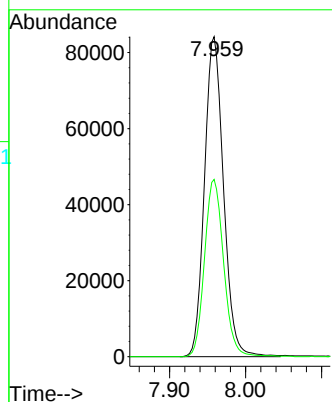
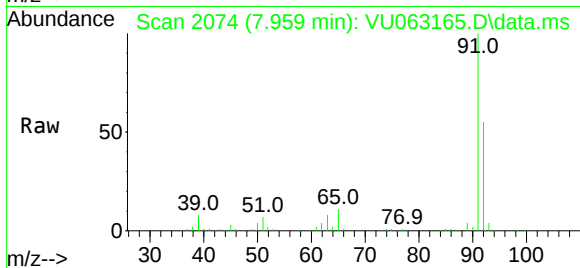
DCZN8MS

Tgt Ion: 91 Resp: 146556

Ion Ratio Lower Upper

91 100

92 55.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.178 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063165.D

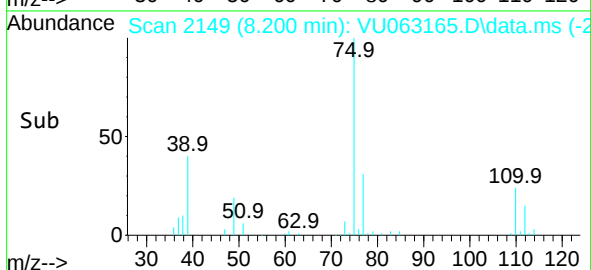
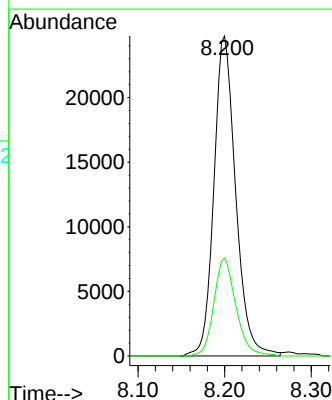
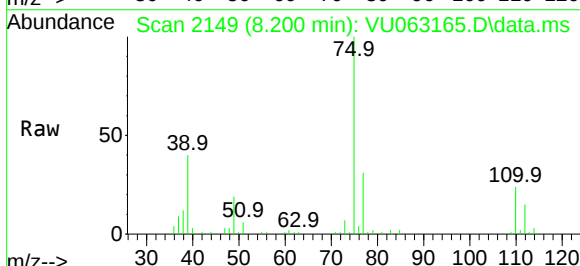
Acq: 05 Feb 2025 17:31

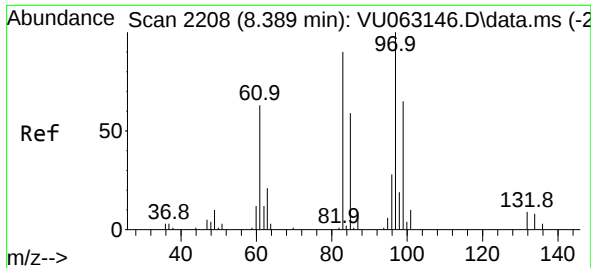
Tgt Ion: 75 Resp: 43297

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.0



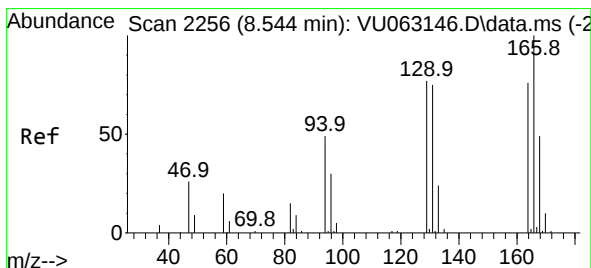
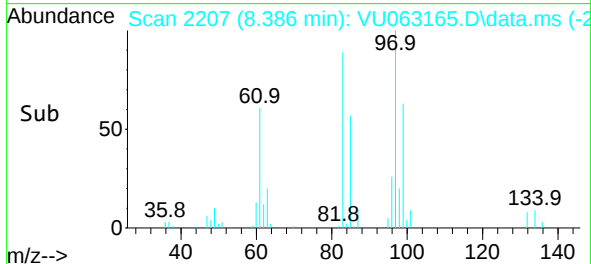
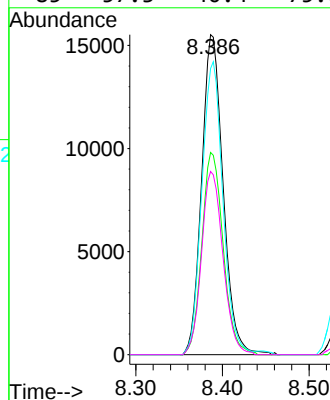
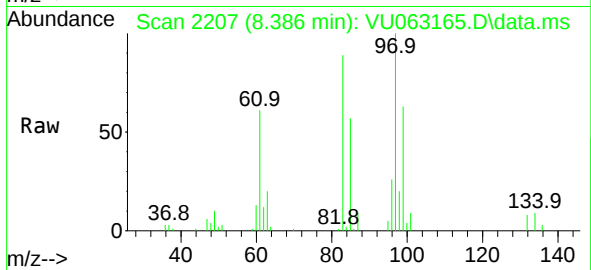


#45
1,1,2-Trichloroethane
Concen: 5.167 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

Tgt Ion: 97 Resp: 26727

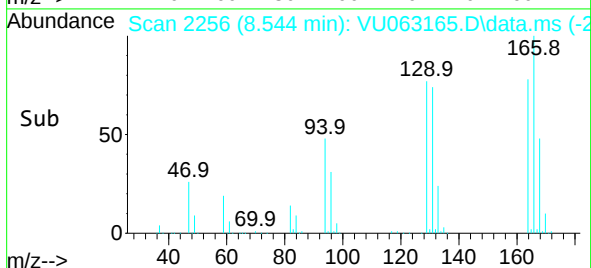
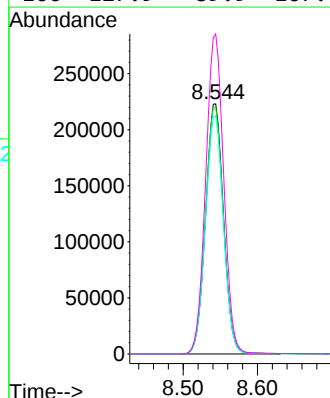
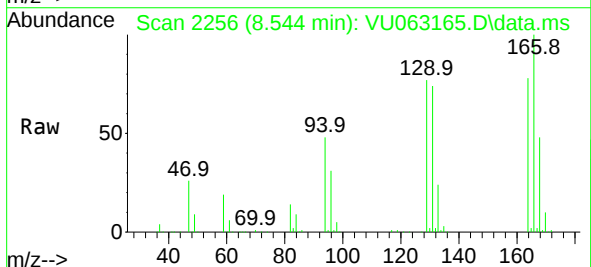
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.2	78.4
83	89.5	62.9	116.9
85	57.3	40.4	75.0

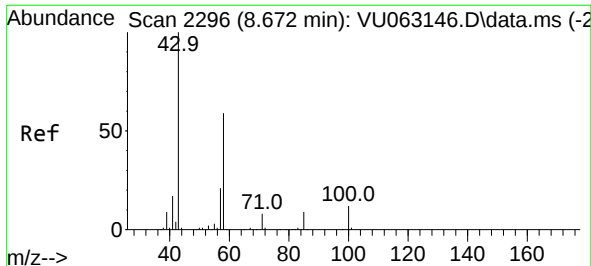


#47
Tetrachloroethene
Concen: 80.209 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 164 Resp: 375735

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.6	127.4
131	95.2	66.5	123.5
166	127.9	89.9	167.0

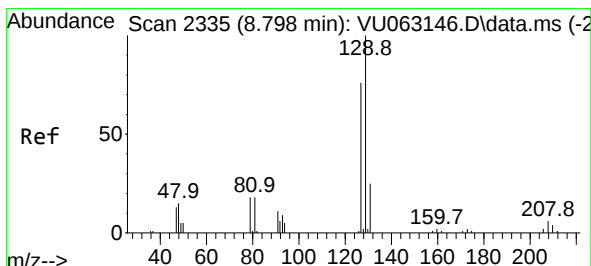
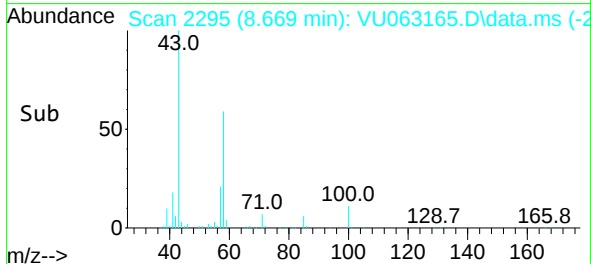
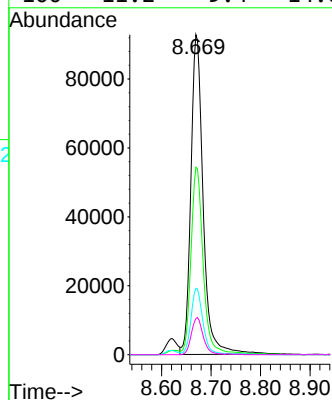
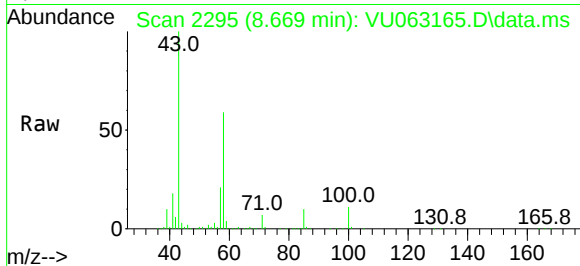




#48
2-Hexanone
Concen: 54.835 ug/L
RT: 8.669 min Scan# 2295
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

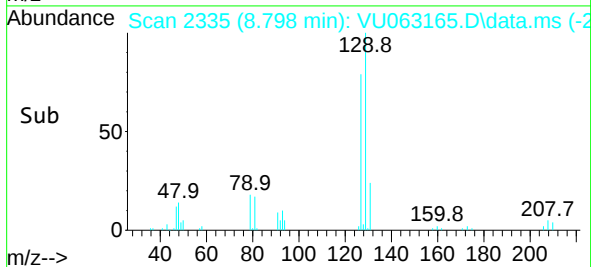
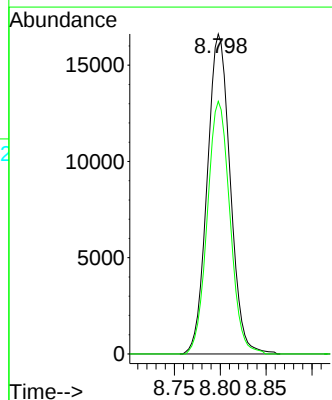
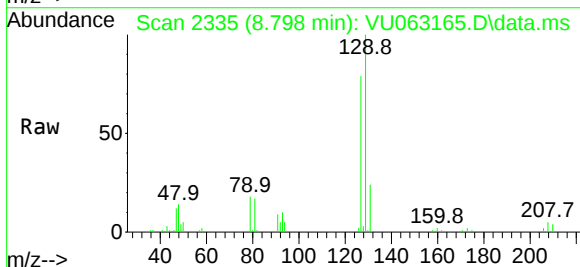
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

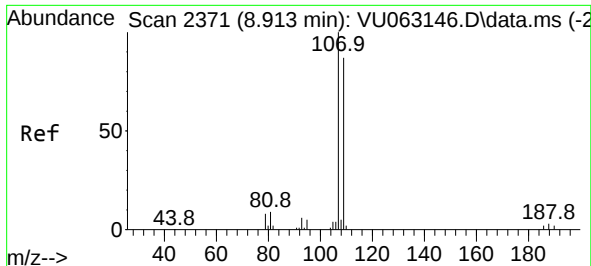
Tgt Ion: 43 Resp: 159937
Ion Ratio Lower Upper
43 100
58 58.1 45.8 68.8
57 19.7 15.7 23.5
100 11.2 9.4 14.0



#49
Dibromochloromethane
Concen: 5.331 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 129 Resp: 29025
Ion Ratio Lower Upper
129 100
127 78.9 53.8 99.8





#50

1,2-Dibromoethane

Concen: 5.261 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

DCZN8MS

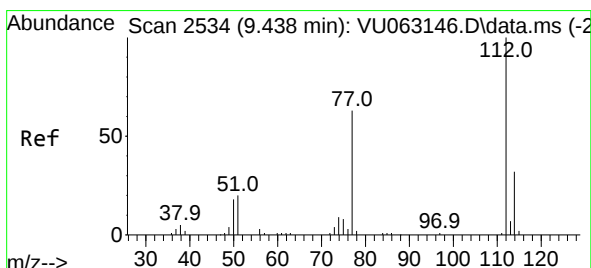
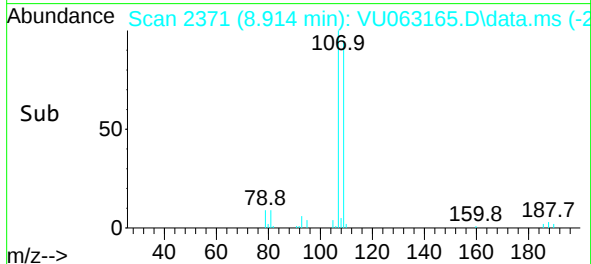
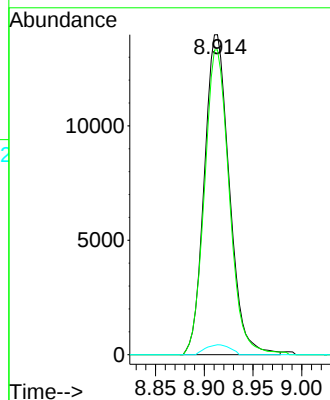
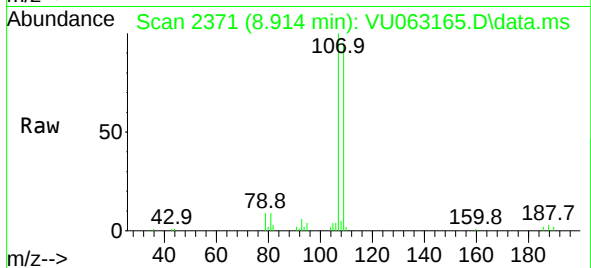
Tgt Ion:107 Resp: 24960

Ion Ratio Lower Upper

107 100

109 95.2 67.6 125.6

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 5.577 ug/L

RT: 9.434 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

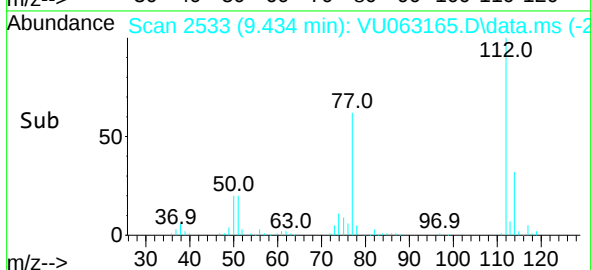
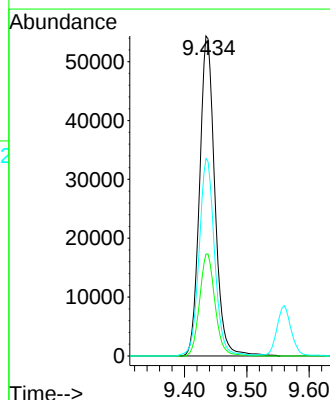
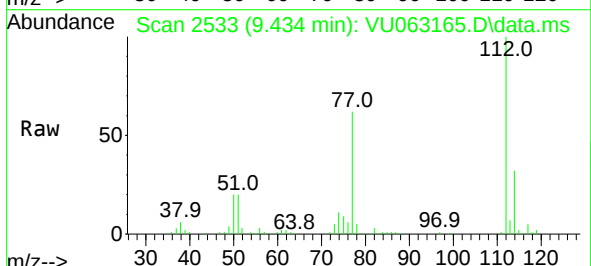
Tgt Ion:112 Resp: 92409

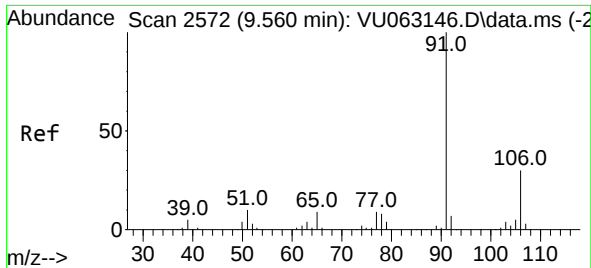
Ion Ratio Lower Upper

112 100

114 31.8 22.6 42.0

77 61.7 50.8 76.2

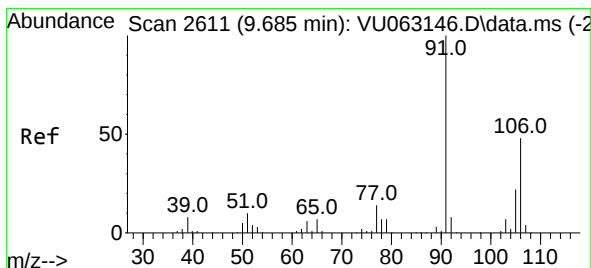
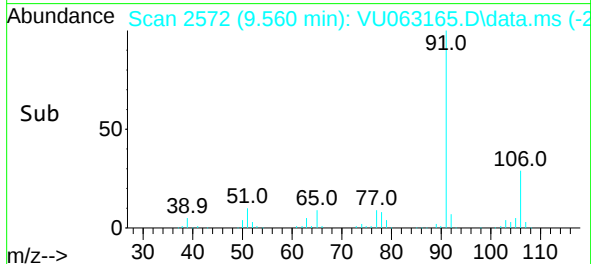
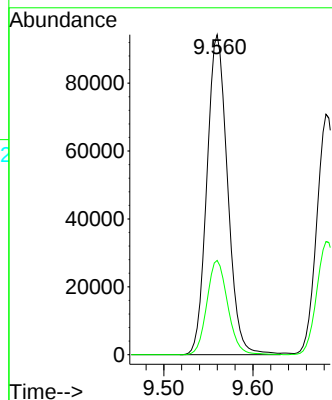
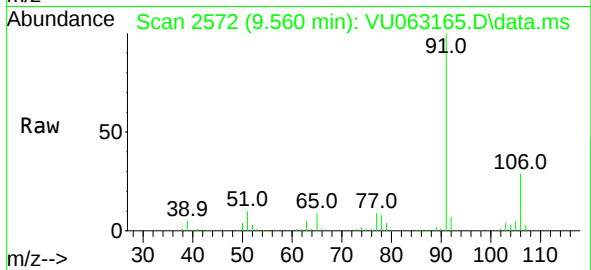




#52
Ethylbenzene
Concen: 5.285 ug/L
RT: 9.560 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

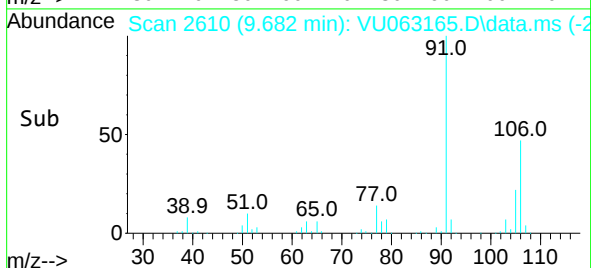
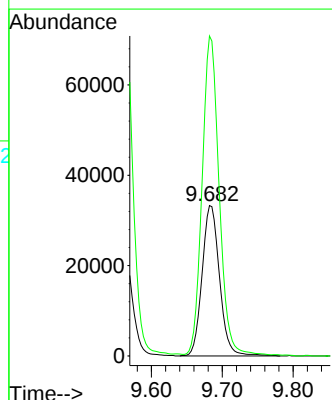
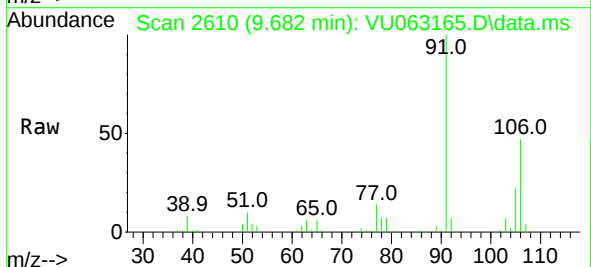
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

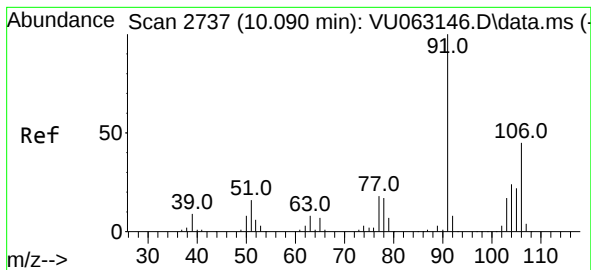
Tgt Ion: 91 Resp: 151752
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.493 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 106 Resp: 56886
Ion Ratio Lower Upper
106 100
91 212.7 147.3 273.6





#54

o-Xylene

Concen: 5.850 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

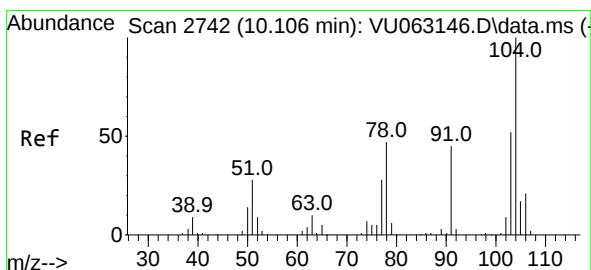
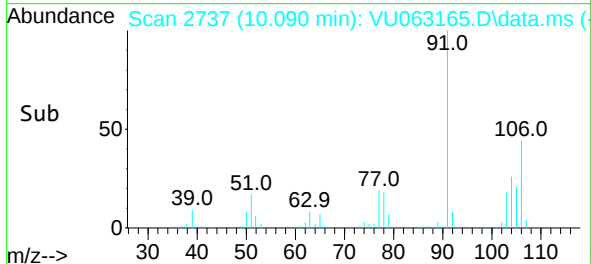
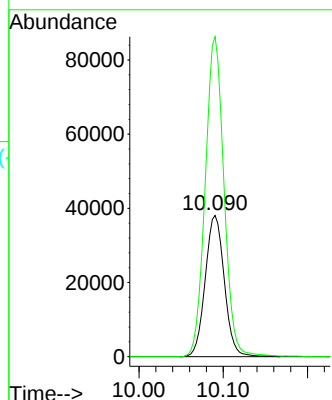
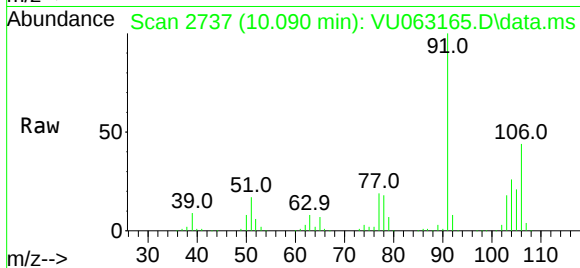
DCZN8MS

Tgt Ion:106 Resp: 60076

Ion Ratio Lower Upper

106 100

91 226.4 155.4 288.6



#55

Styrene

Concen: 5.360 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063165.D

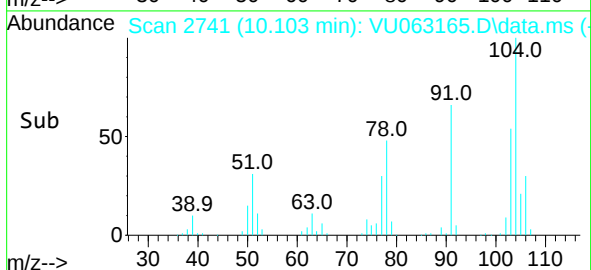
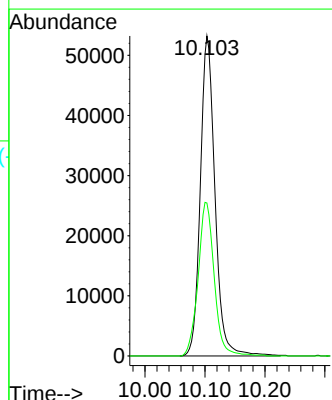
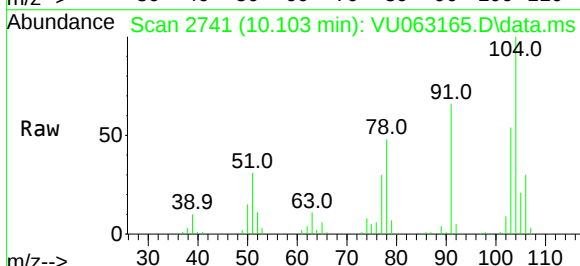
Acq: 05 Feb 2025 17:31

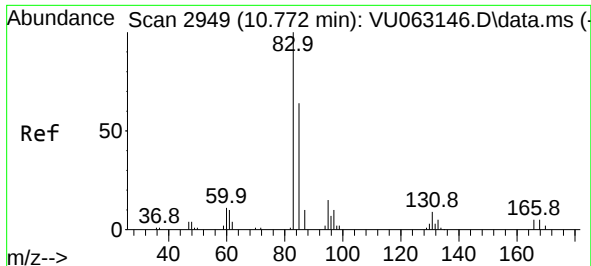
Tgt Ion:104 Resp: 90605

Ion Ratio Lower Upper

104 100

78 47.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.196 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

DCZN8MS

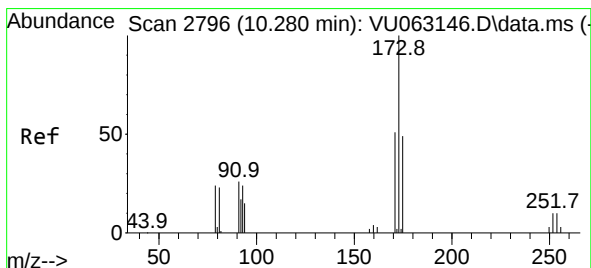
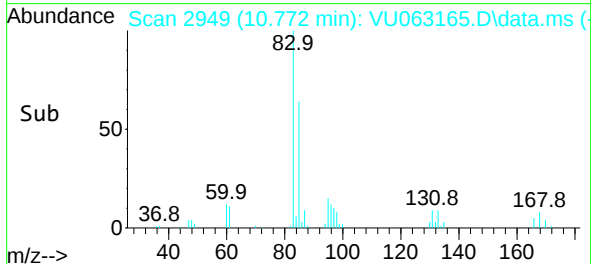
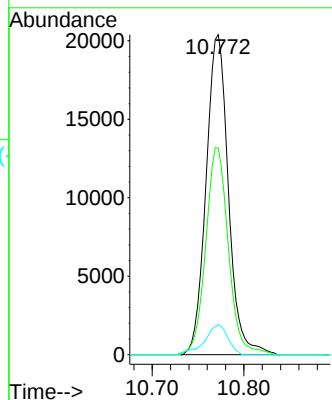
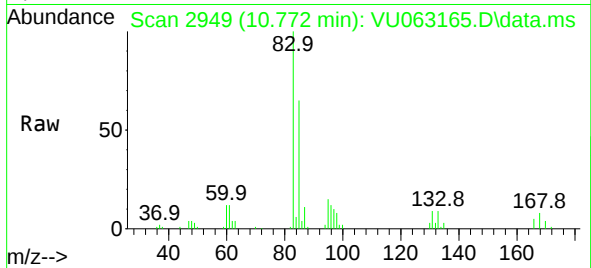
Tgt Ion: 83 Resp: 34502

Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.8

131 9.2 7.4 11.0



#59

Bromoform

Concen: 5.172 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

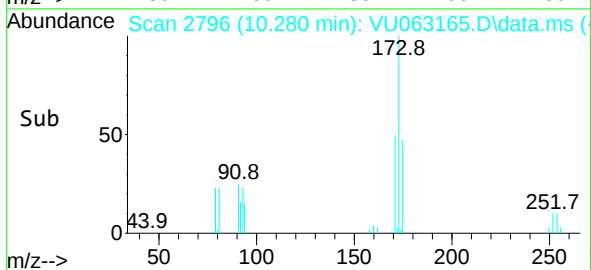
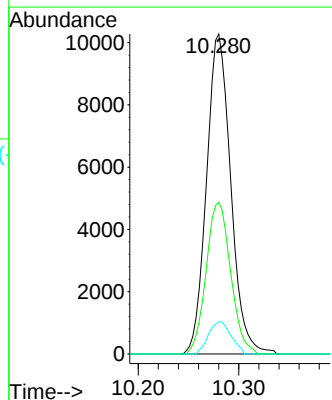
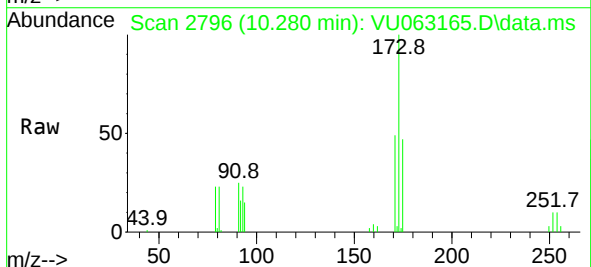
Tgt Ion:173 Resp: 17220

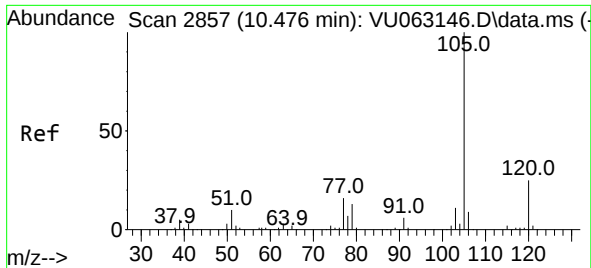
Ion Ratio Lower Upper

173 100

175 47.8 37.7 56.5

254 9.4 7.9 11.9

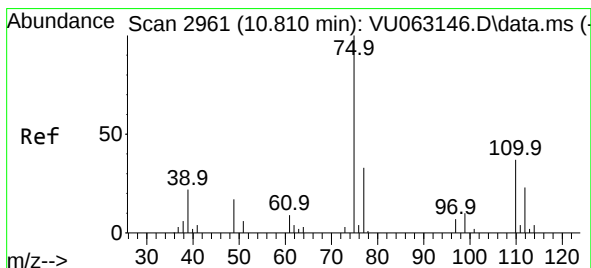
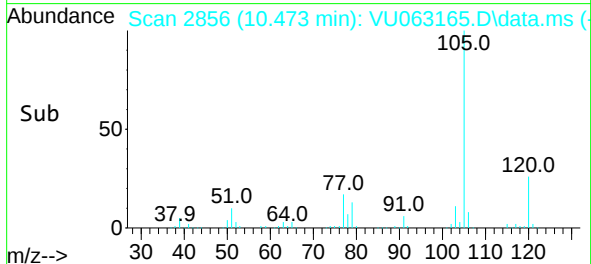
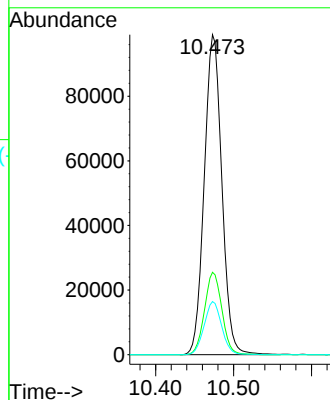
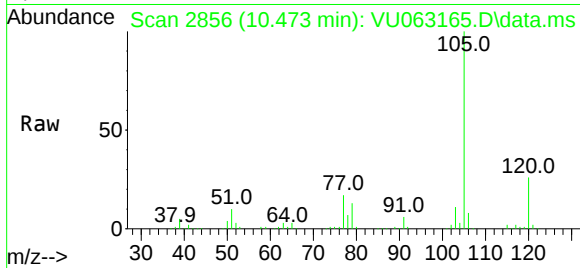




#60
Isopropylbenzene
Concen: 5.660 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

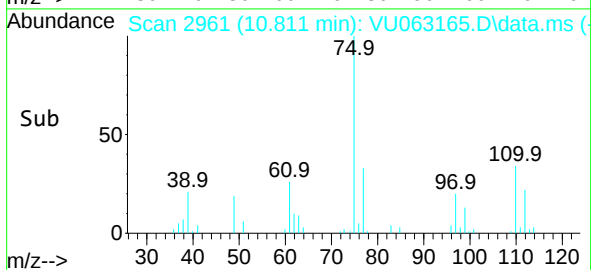
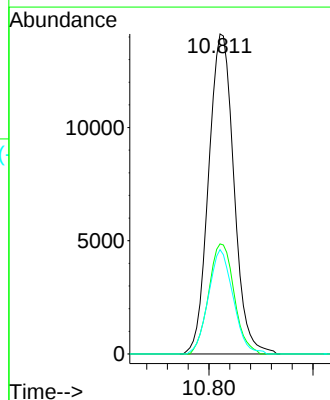
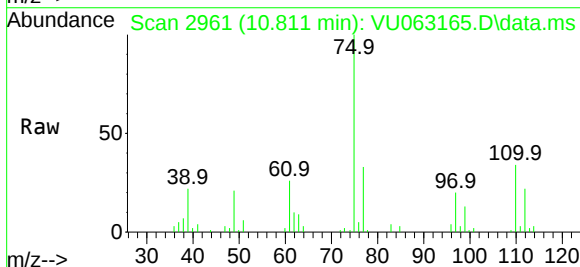
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

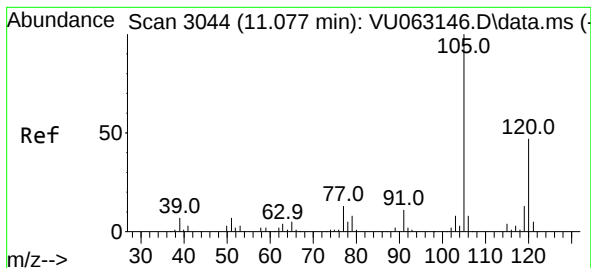
Tgt Ion:105 Resp: 155224
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 16.6 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.115 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion: 75 Resp: 23839
Ion Ratio Lower Upper
75 100
110 34.7 27.4 41.0
77 31.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.191 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

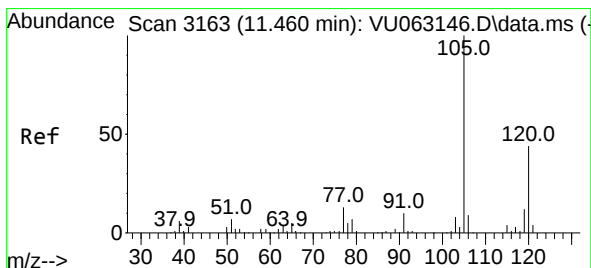
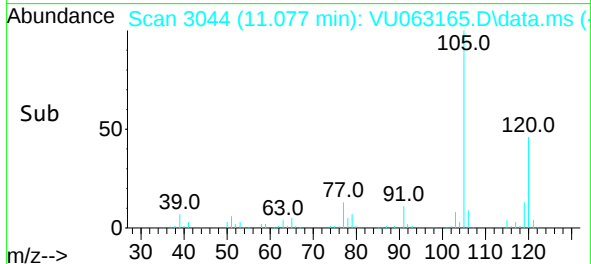
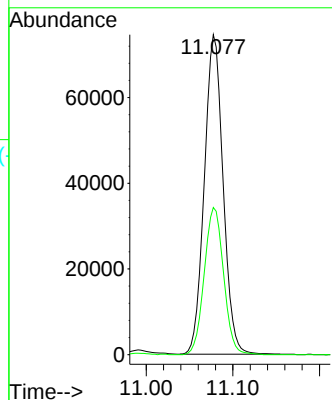
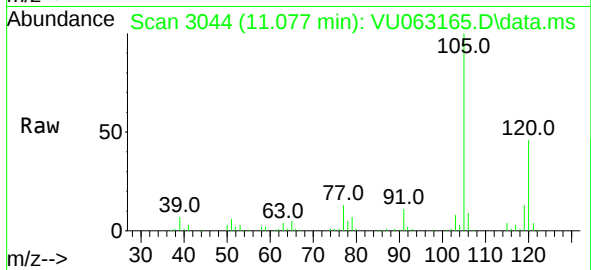
DCZN8MS

Tgt Ion:105 Resp: 112293

Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 6.468 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU063165.D

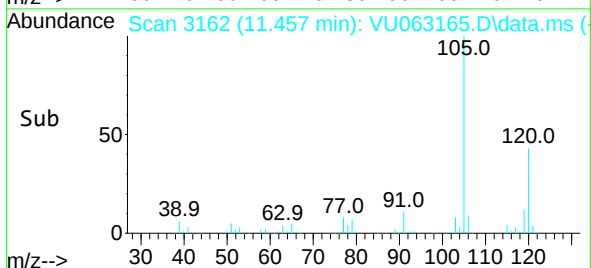
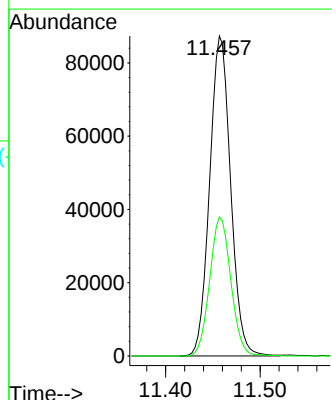
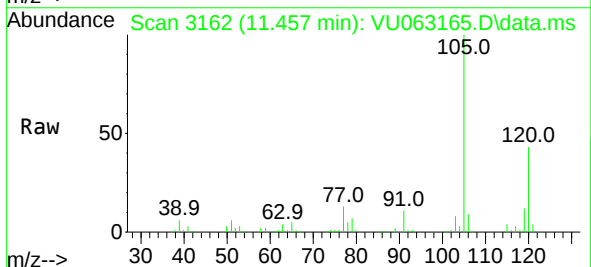
Acq: 05 Feb 2025 17:31

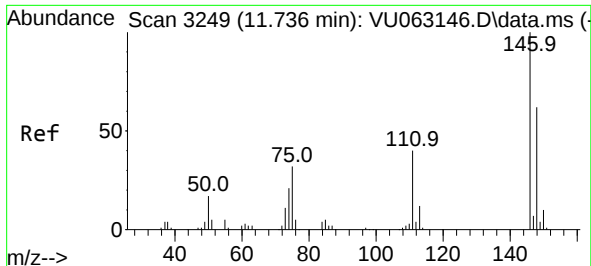
Tgt Ion:105 Resp: 134536

Ion Ratio Lower Upper

105 100

120 43.9 34.7 52.1

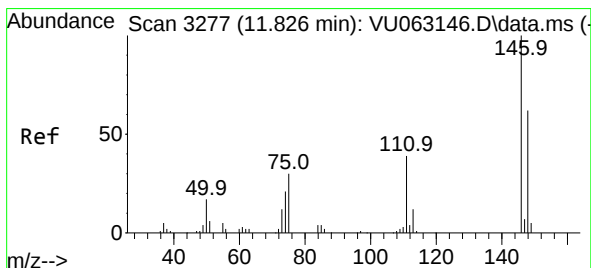
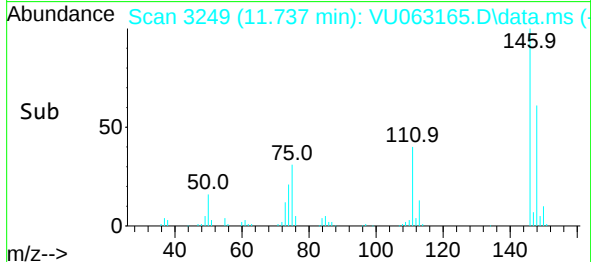
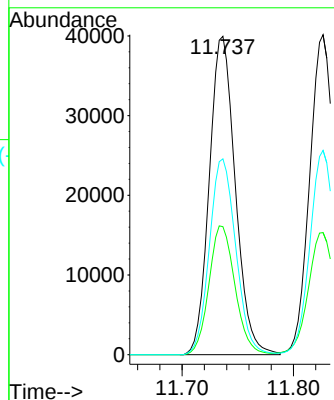
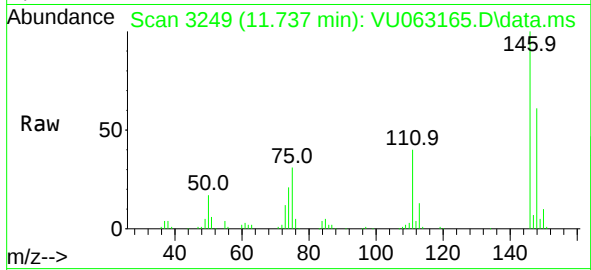




#64
1,3-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.737 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

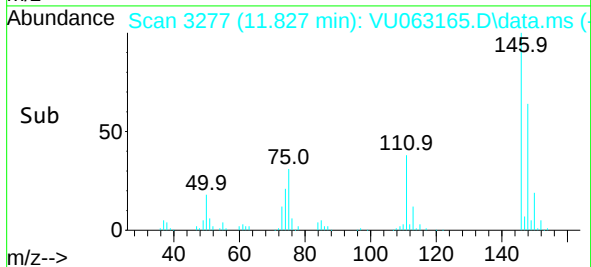
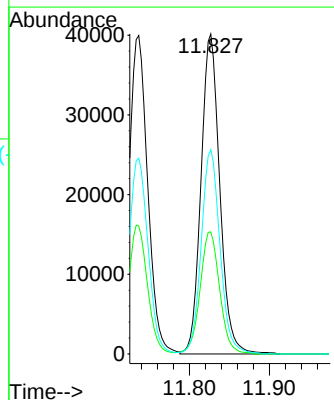
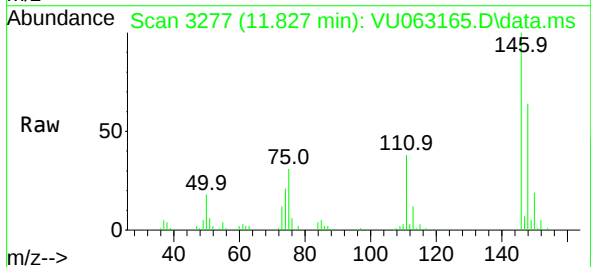
Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

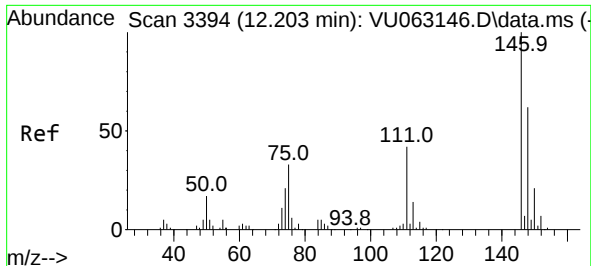
Tgt Ion:146 Resp: 64847
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.7
148 61.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion:146 Resp: 65749
Ion Ratio Lower Upper
146 100
111 38.2 28.5 52.9
148 63.9 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.844 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

DCZN8MS

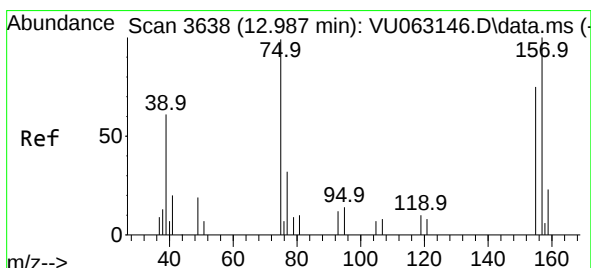
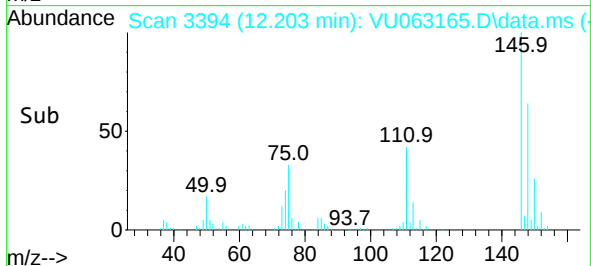
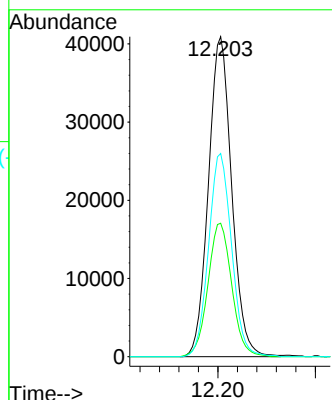
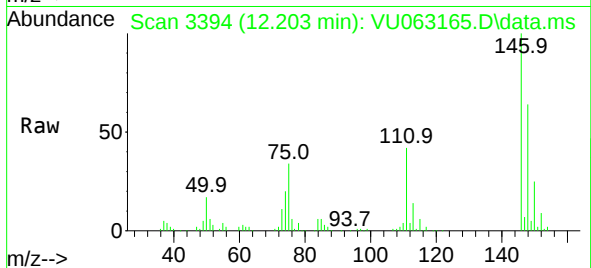
Tgt Ion:146 Resp: 67850

Ion Ratio Lower Upper

146 100

111 41.7 34.1 51.1

148 63.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.497 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

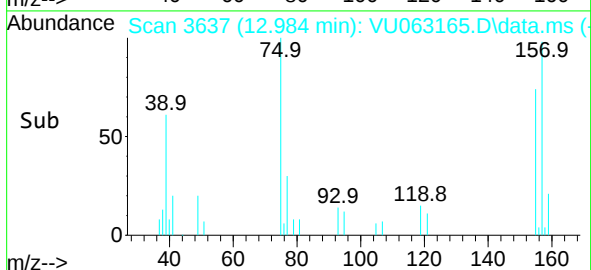
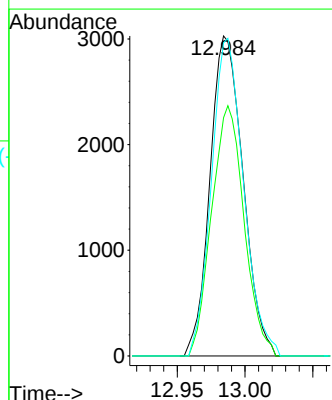
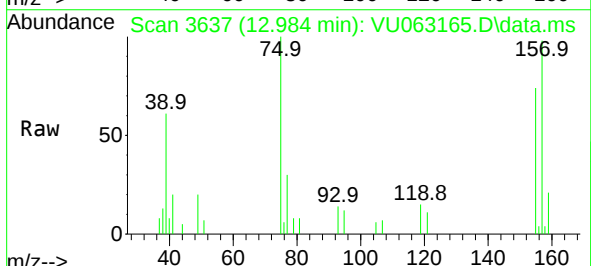
Tgt Ion: 75 Resp: 5125

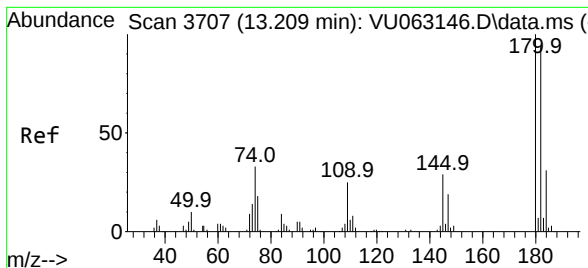
Ion Ratio Lower Upper

75 100

155 74.5 61.6 92.4

157 97.9 77.4 116.0





#69

1,3,5-Trichlorobenzene

Concen: 5.079 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

Instrument :

MSVOA_U

ClientSampleId :

DCZN8MS

Tgt Ion:180 Resp: 43120

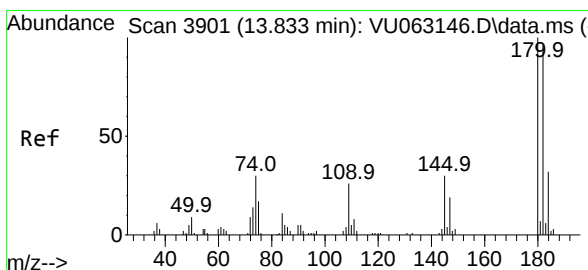
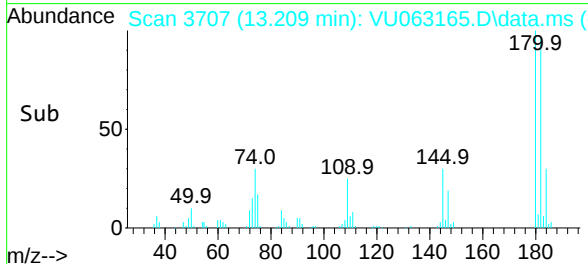
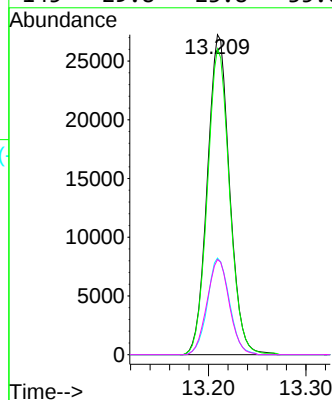
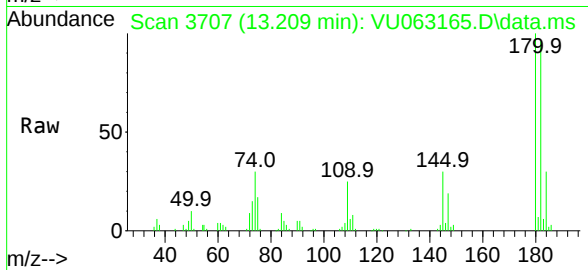
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

184 30.0 23.8 35.8

145 29.8 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 4.996 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063165.D

Acq: 05 Feb 2025 17:31

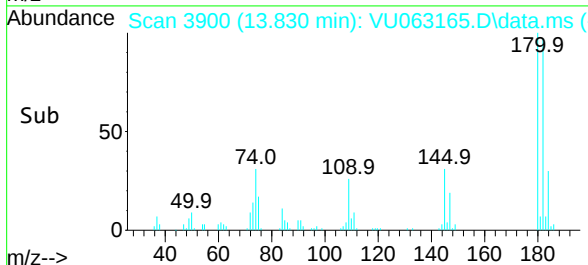
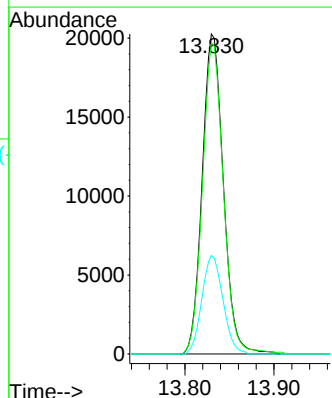
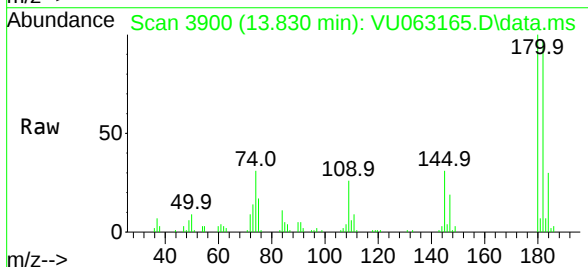
Tgt Ion:180 Resp: 33370

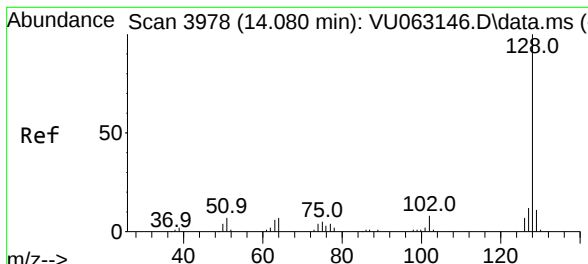
Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

145 30.6 24.3 36.5

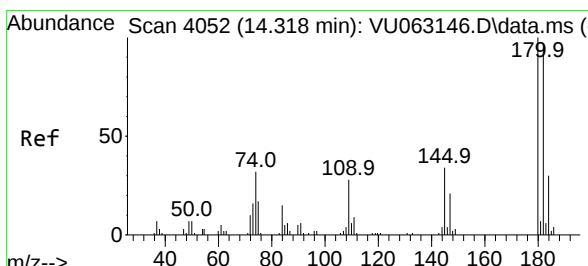
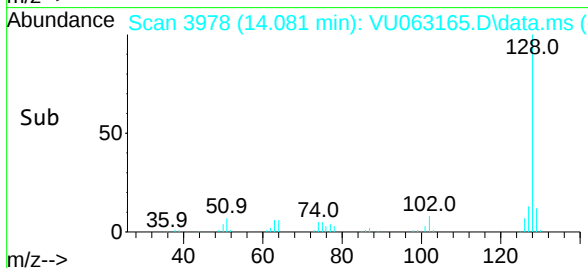
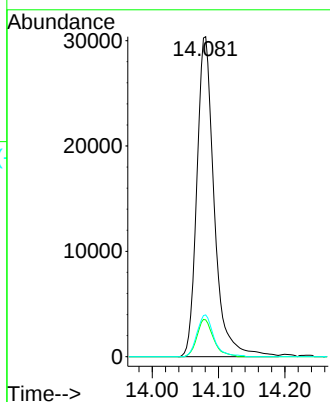
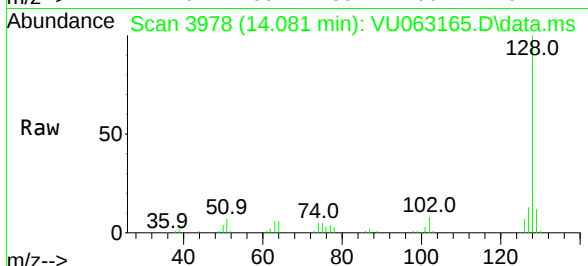




#71
Naphthalene
Concen: 5.041 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Instrument :
MSVOA_U
ClientSampleId :
DCZN8MS

Tgt Ion:128	Resp:	55255
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.0 12.0
127	12.6	10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.176 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU063165.D
Acq: 05 Feb 2025 17:31

Tgt Ion:180	Resp:	30889
Ion Ratio	Lower	Upper
180	100	
182	95.2	78.5 117.7
145	32.5	26.1 39.1

