

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061856.D
 Acq On : 19 Nov 2024 19:11
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 01:39:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 01:26:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	217451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83092	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.595	65	37851	4.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.907	69	35594	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	15588	4.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.627	46	115550	47.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.940%
24) Chloroform-d	5.052	84	96497	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	46932	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.717	84	172794	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.682	67	71471	6.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.400%
41) Toluene-d8	7.888	98	196437	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	26315	5.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.624	63	119789	58.442	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51376	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	61860	4.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.380	85	56321	4.096	ug/L	99
3) Chloromethane	1.515	50	57138	4.479	ug/L	100
5) Vinyl chloride	1.599	62	61888	4.262	ug/L	94
6) Bromomethane	1.853	94	41515	4.352	ug/L	98
8) Chloroethane	1.930	64	42496	3.824	ug/L	95
9) Trichlorofluoromethane	2.132	101	83599	3.983	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48179	3.942	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47101	4.174	ug/L	96
13) Acetone	2.644	43	67456	43.355	ug/L	97
14) Carbon disulfide	2.785	76	145664	4.141	ug/L	99
15) Methyl Acetate	2.952	43	17725	4.595	ug/L	97
16) Methylene chloride	3.036	84	56954	4.316	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	121833	4.463	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	53447	4.235	ug/L	98
19) 1,1-Dichloroethane	3.859	63	97247	4.231	ug/L	96
21) 2-Butanone	4.708	43	112581	41.783	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	62095	4.343	ug/L	100
23) Bromochloromethane	4.965	128	27147	4.175	ug/L	93
25) Chloroform	5.074	83	106590	4.312	ug/L	100

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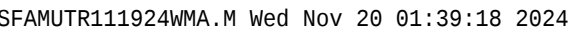
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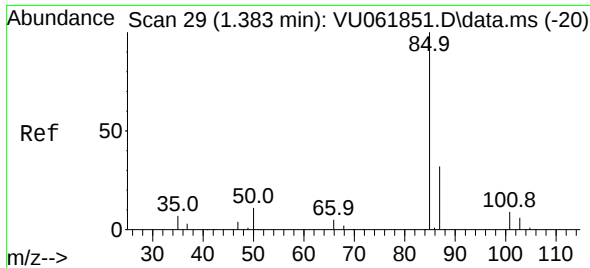
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	62756	4.168	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	85915	4.624	ug/L	99
30) Cyclohexane	5.377	56	82356	4.542	ug/L	99
31) Carbon tetrachloride	5.515	117	73546	4.660	ug/L	100
33) Benzene	5.766	78	234958	4.729	ug/L	100
34) Trichloroethene	6.534	95	62030	4.352	ug/L	97
35) Methylcyclohexane	6.753	83	110972	5.141	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71985	5.349	ug/L	100
38) Bromodichloromethane	7.097	83	86513	5.053	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	104001	4.949	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	353697	48.338	ug/L	100
42) Toluene	7.962	91	316074	4.619	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	82328	4.678	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	54149	4.532	ug/L	98
47) Tetrachloroethene	8.547	164	56404	4.340	ug/L	98
48) 2-Hexanone	8.676	43	266227	47.654	ug/L	97
49) Dibromochloromethane	8.801	129	57584	4.641	ug/L	100
50) 1,2-Dibromoethane	8.917	107	54636	4.834	ug/L	100
51) Chlorobenzene	9.441	112	196925	4.348	ug/L	98
52) Ethylbenzene	9.563	91	351970	4.718	ug/L	99
53) m,p-Xylene	9.685	106	121509	4.300	ug/L	99
54) o-Xylene	10.093	106	97516	3.688	ug/L	98
55) Styrene	10.106	104	158962	3.815	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	52491	4.087	ug/L	99
59) Bromoform	10.283	173	24390	4.039	ug/L	100
60) Isopropylbenzene	10.476	105	255479	4.051	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37078	4.593	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	198980	4.199	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	197055	4.231	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	113487	4.151	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	112063	4.044	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	109052	4.541	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6111	4.821	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.212	180	76436	4.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	60899	4.205	ug/L	100
71) Naphthalene	14.080	128	103095	4.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56511	4.399	ug/L	97

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

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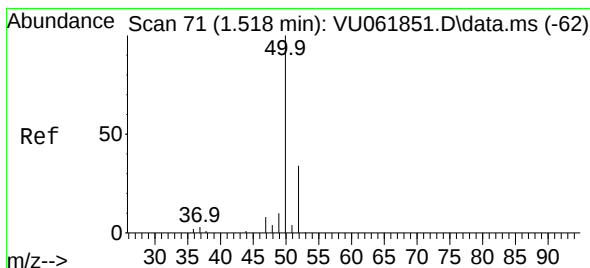
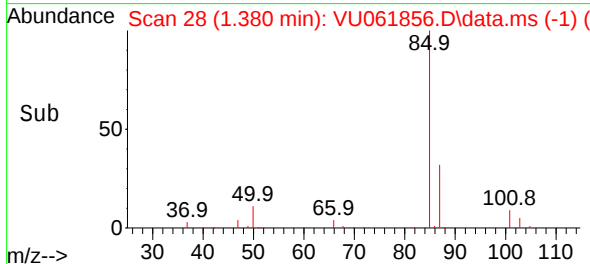
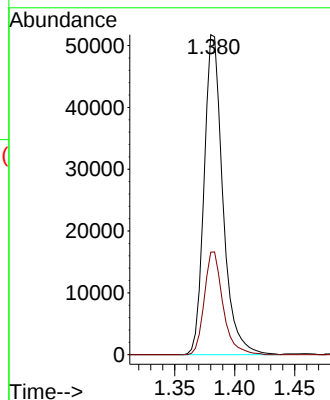
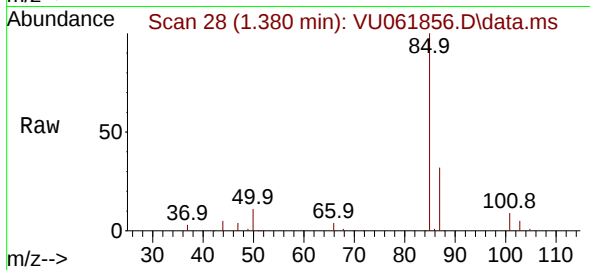




#2
Dichlorodifluoromethane
Concen: 4.096 ug/L
RT: 1.380 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

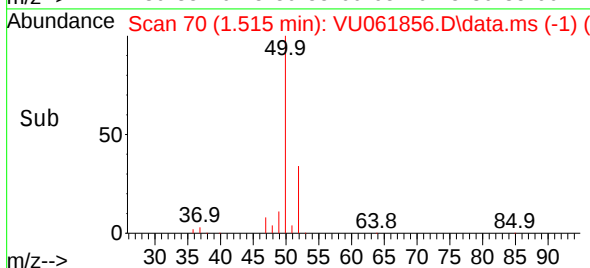
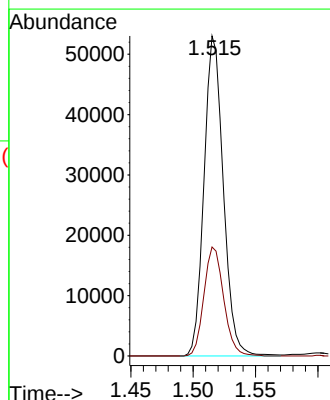
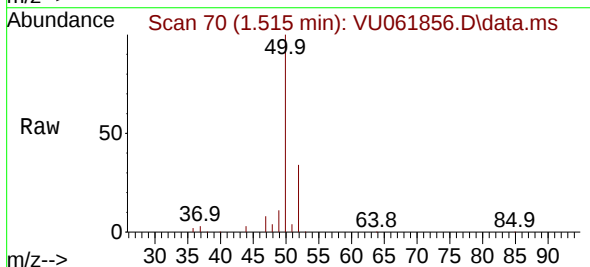
Instrument :
MSVOA_U
ClientSampleId :

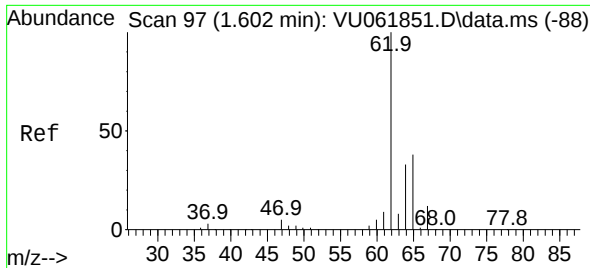
Tgt Ion: 85 Resp: 56321
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0



#3
Chloromethane
Concen: 4.479 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 50 Resp: 57138
Ion Ratio Lower Upper
50 100
52 34.0 23.7 43.9

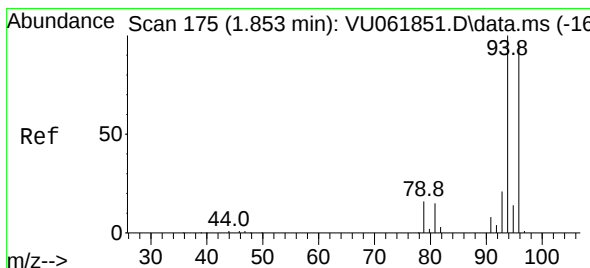
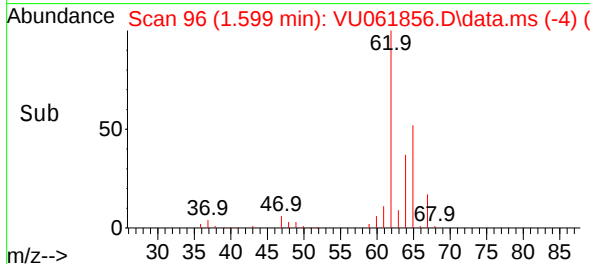
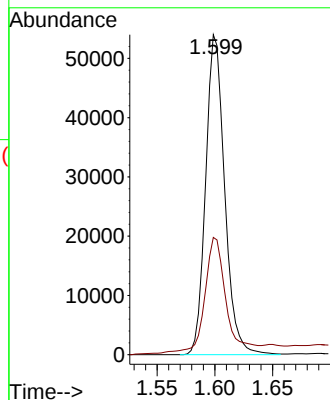
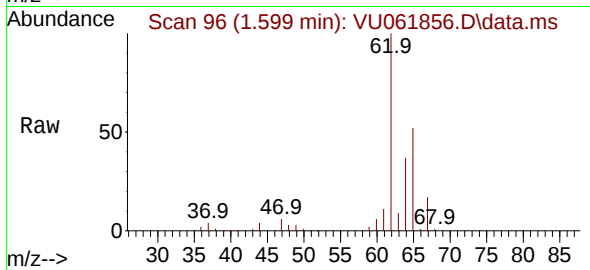




#5
 Vinyl chloride
 Concen: 4.262 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

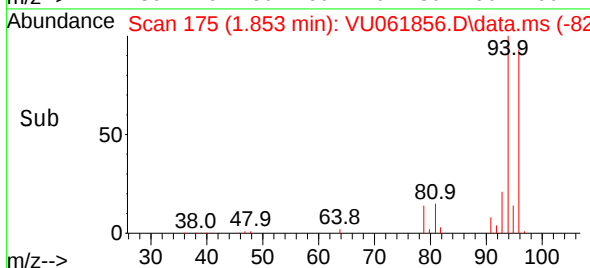
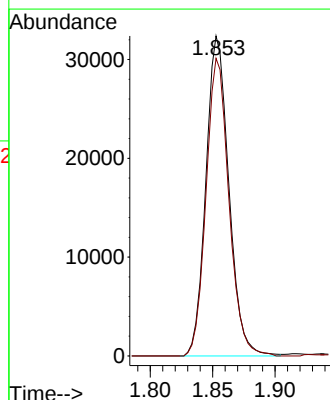
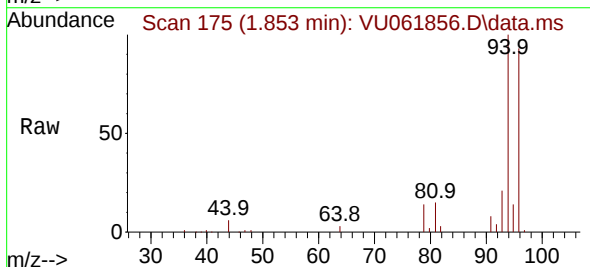
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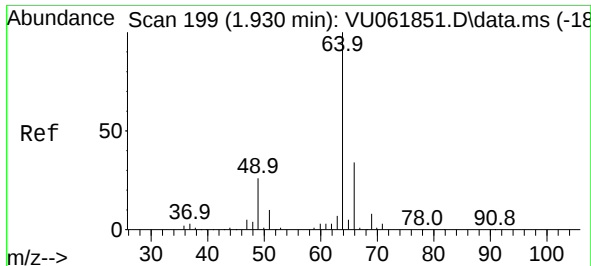
Tgt Ion: 62 Resp: 61888
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.2 43.0



#6
 Bromomethane
 Concen: 4.352 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

Tgt Ion: 94 Resp: 41515
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.5 123.5

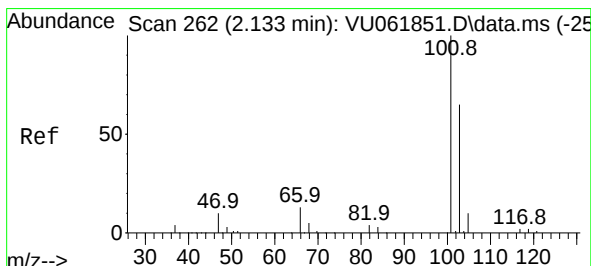
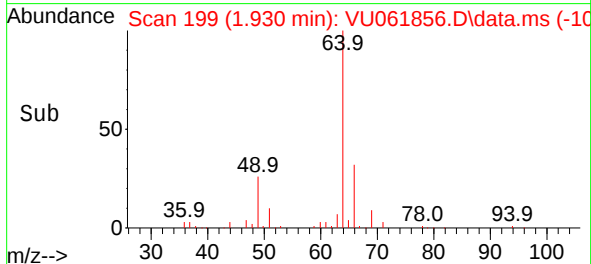
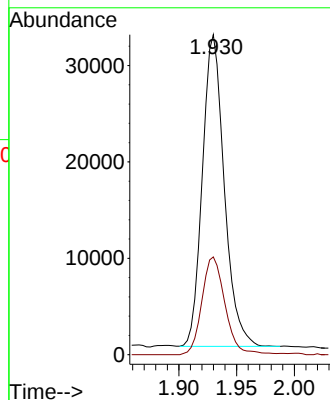
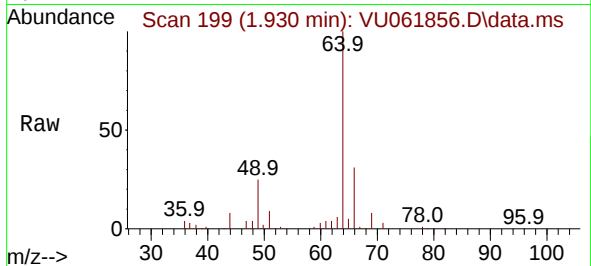




#8
Chloroethane
Concen: 3.824 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

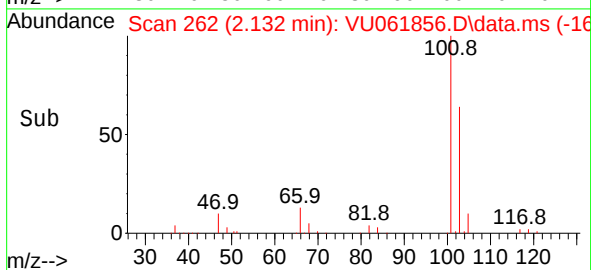
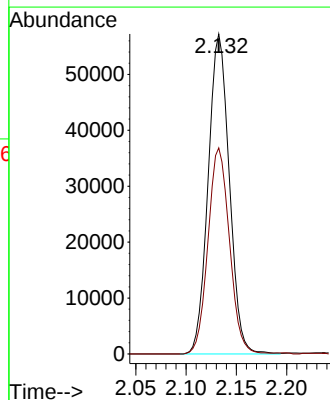
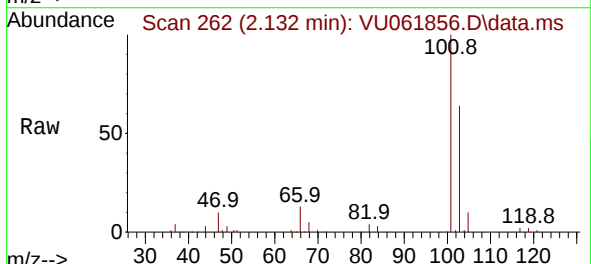
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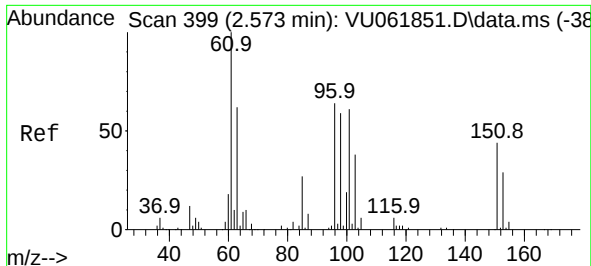
Tgt Ion: 64 Resp: 42496
Ion Ratio Lower Upper
64 100
66 30.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 3.983 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion:101 Resp: 83599
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

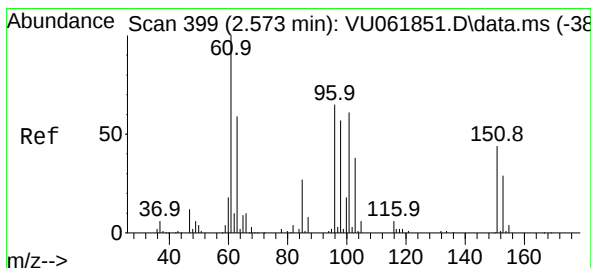
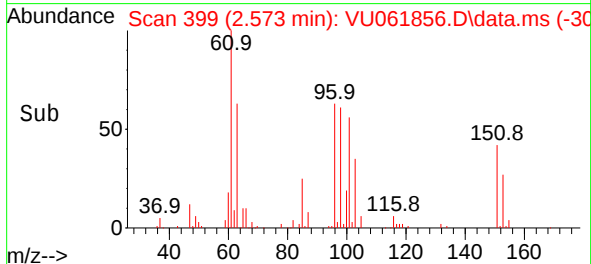
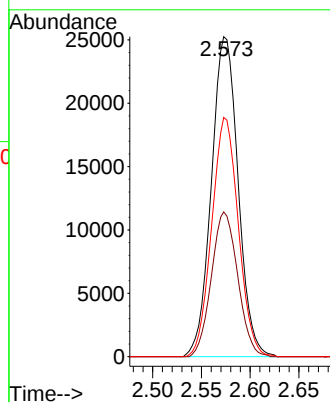
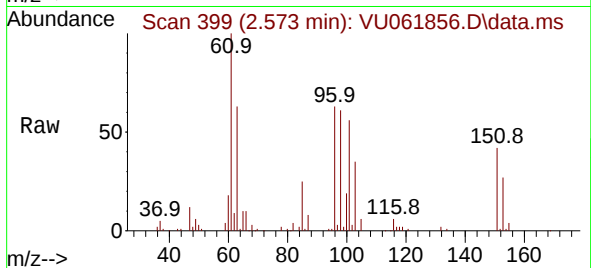




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.942 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

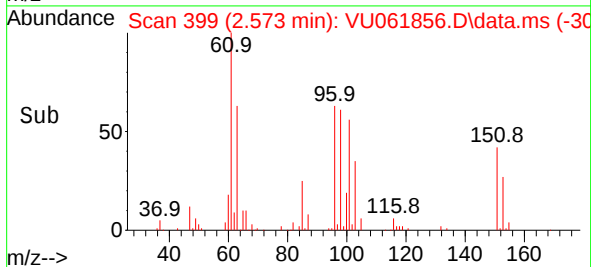
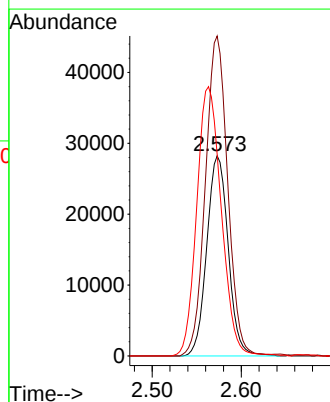
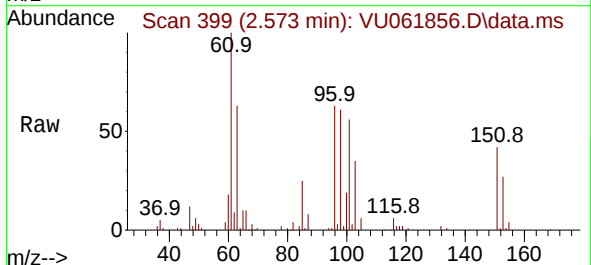
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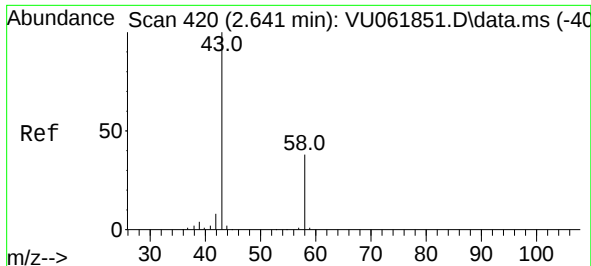
Tgt Ion:101 Resp: 48179
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.8
151 74.3 57.9 86.9



#12
1,1-Dichloroethene
Concen: 4.174 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 96 Resp: 47101
Ion Ratio Lower Upper
96 100
61 159.9 108.8 202.0
63 100.7 67.2 124.8





#13

Acetone

Concen: 43.355 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

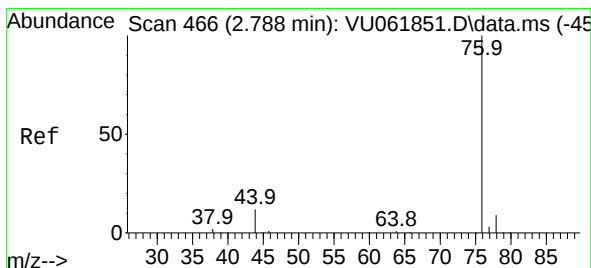
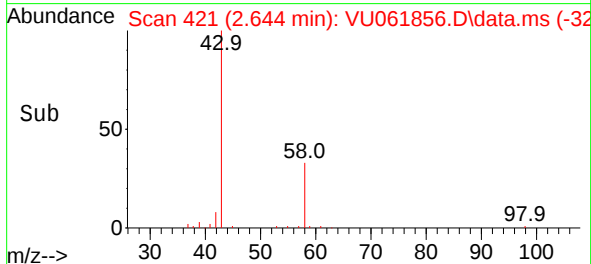
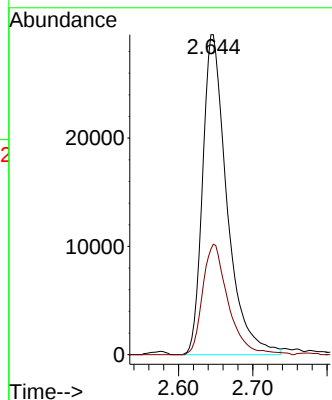
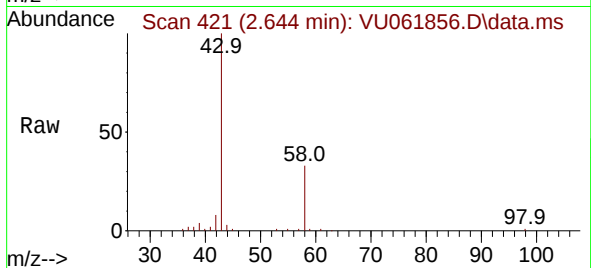
ClientSampleId :

Tgt Ion: 43 Resp: 67456

Ion Ratio Lower Upper

43 100

58 36.2 0.0 75.8



#14

Carbon disulfide

Concen: 4.141 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061856.D

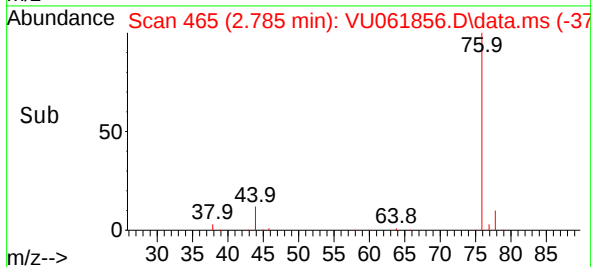
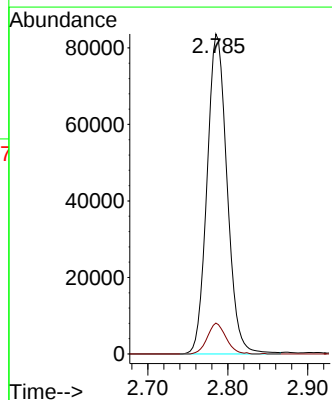
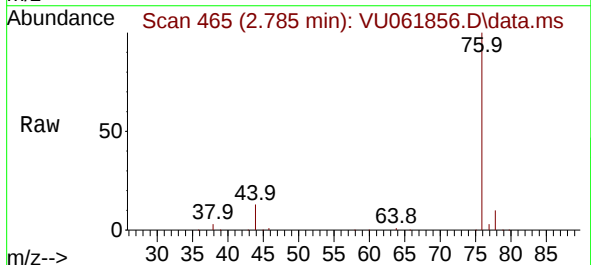
Acq: 19 Nov 2024 19:11

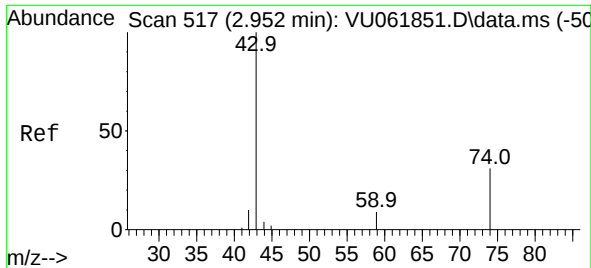
Tgt Ion: 76 Resp: 145664

Ion Ratio Lower Upper

76 100

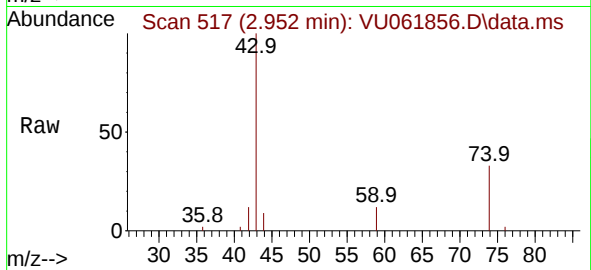
78 9.6 7.4 11.0



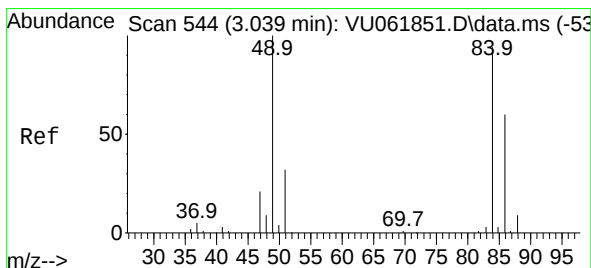
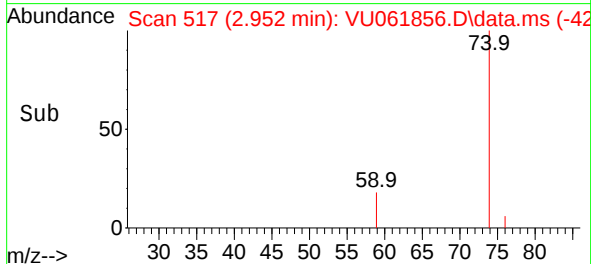
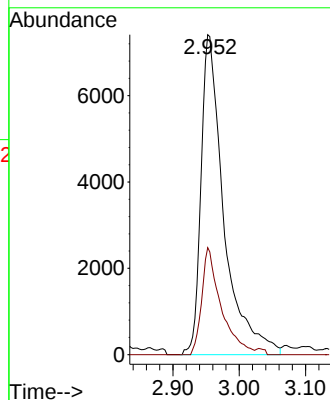


#15
Methyl Acetate
Concen: 4.595 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Instrument :
MSVOA_U
ClientSampleId :

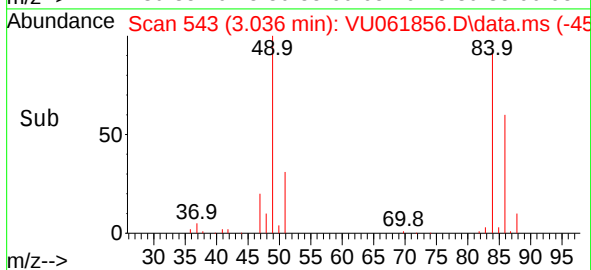
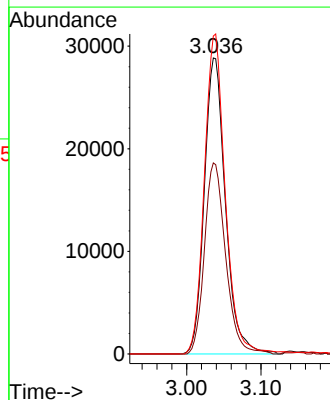
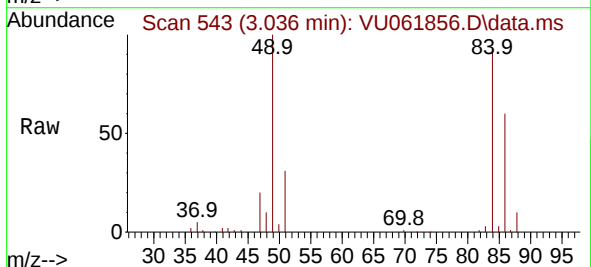


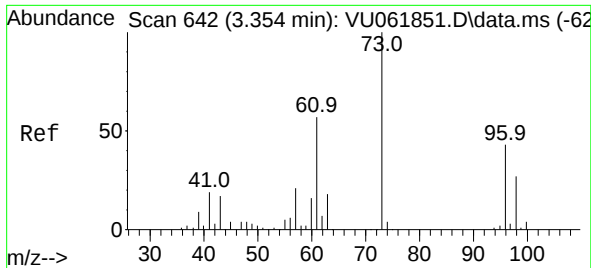
Tgt Ion: 43 Resp: 17725
Ion Ratio Lower Upper
43 100
74 28.3 21.5 32.3



#16
Methylene chloride
Concen: 4.316 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 84 Resp: 56954
Ion Ratio Lower Upper
84 100
86 64.5 45.0 83.6
49 107.4 74.5 138.5

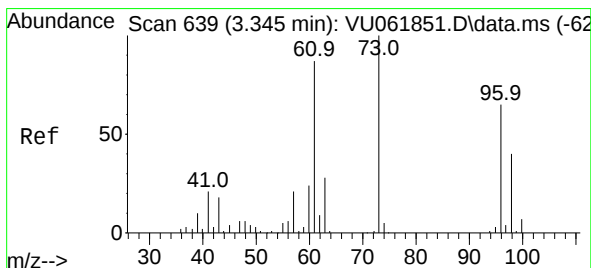
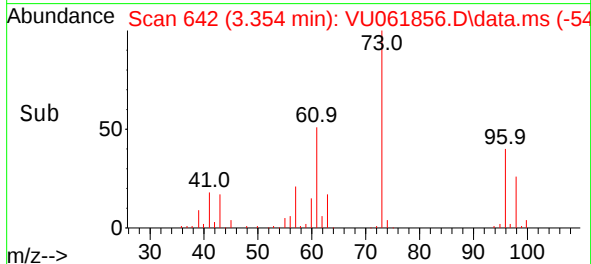
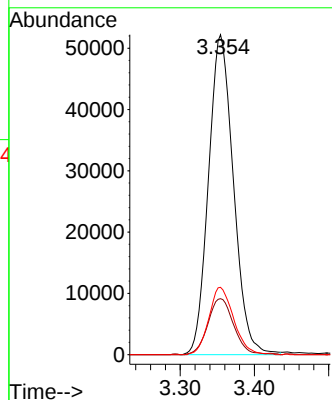
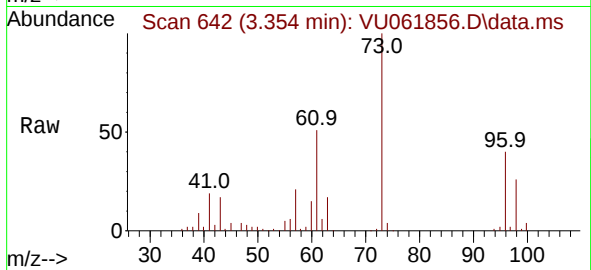




#17
Methyl tert-butyl Ether
Concen: 4.463 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

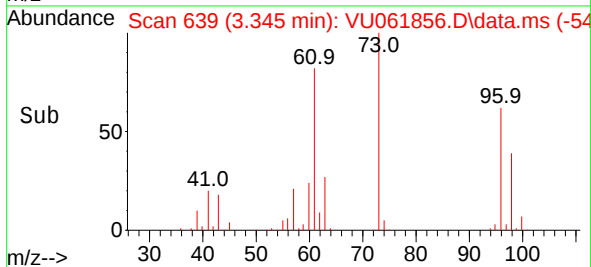
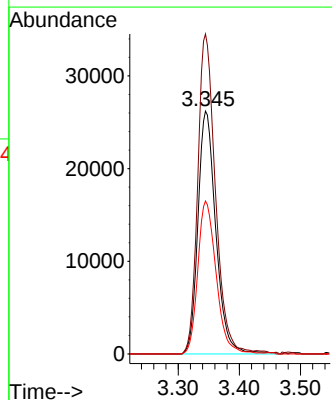
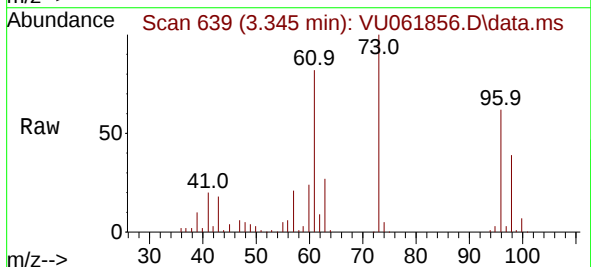
Instrument :
MSVOA_U
ClientSampleId :

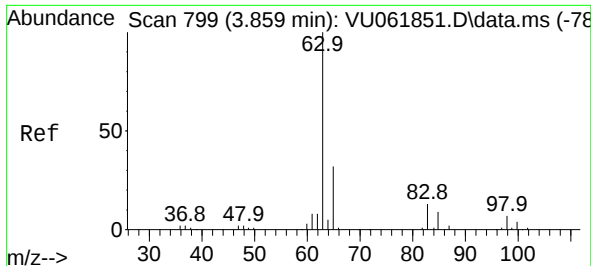
Tgt Ion: 73 Resp: 121833
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.4
57 21.0 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.235 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

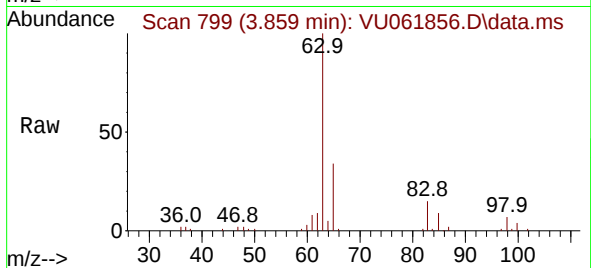
Tgt Ion: 96 Resp: 53447
Ion Ratio Lower Upper
96 100
61 131.7 94.1 174.8
98 63.0 42.8 79.4



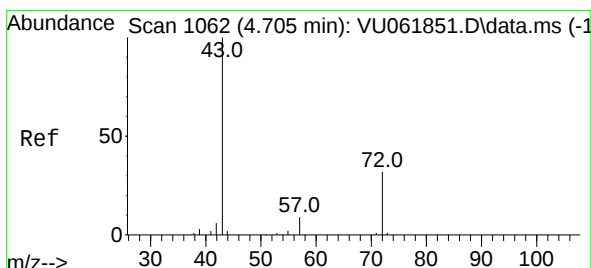
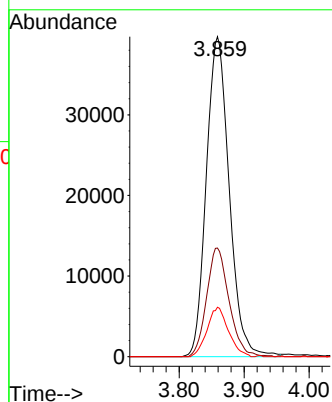
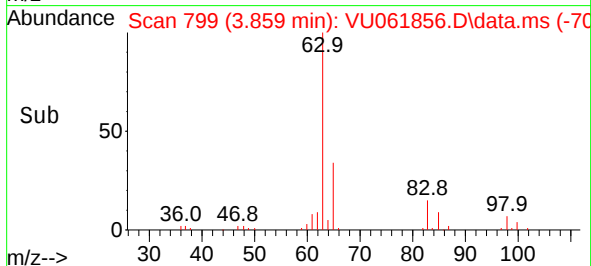


#19
1,1-Dichloroethane
Concen: 4.231 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Instrument :
MSVOA_U
ClientSampleId :

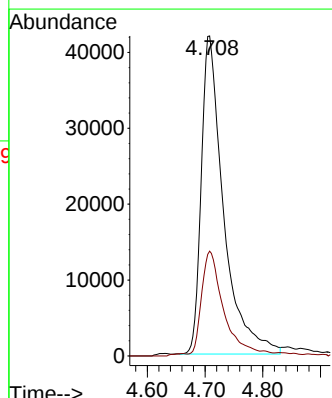
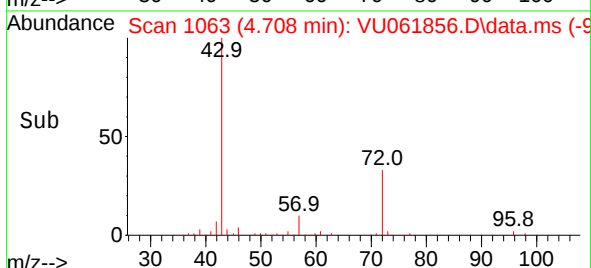
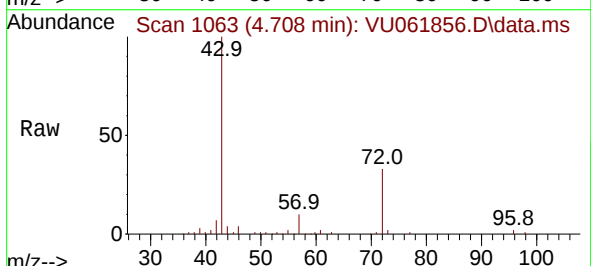


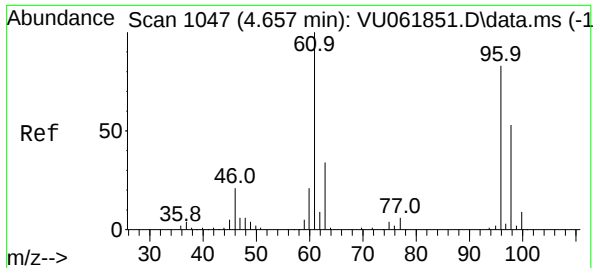
Tgt Ion: 63 Resp: 97247
Ion Ratio Lower Upper
63 100
65 34.0 22.6 42.0
83 15.5 9.4 17.4



#21
2-Butanone
Concen: 41.783 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 43 Resp: 112581
Ion Ratio Lower Upper
43 100
72 30.9 16.1 48.3

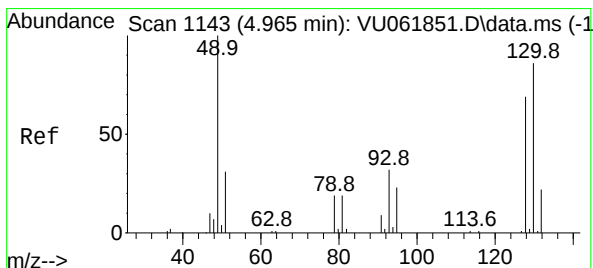
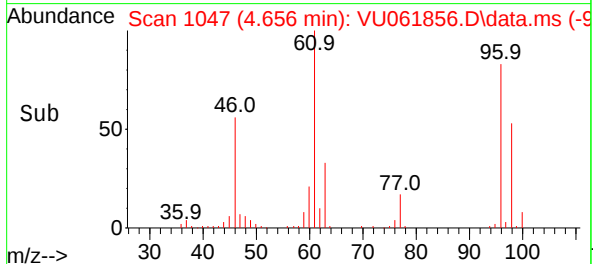
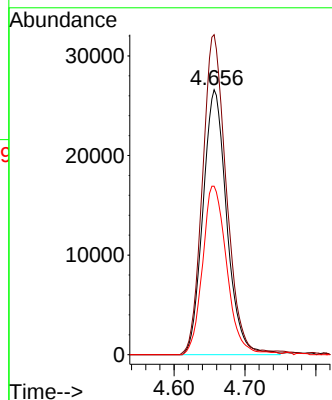
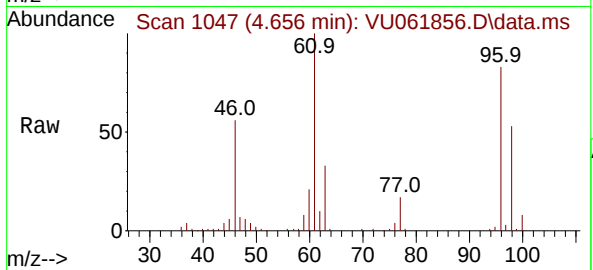




#22
 cis-1,2-Dichloroethene
 Concen: 4.343 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

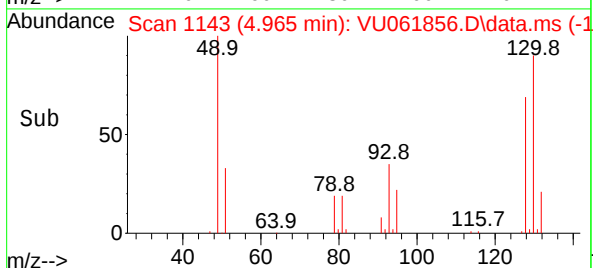
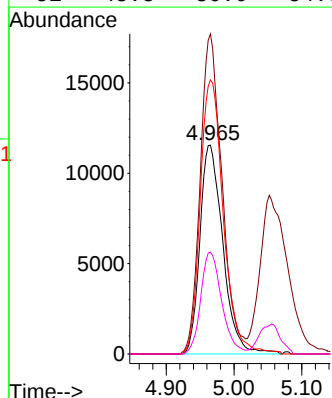
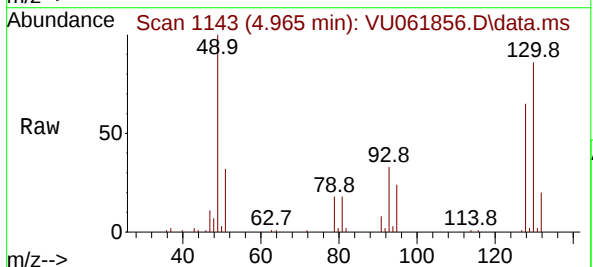
Instrument :
 MSVOA_U
 ClientSampleId :

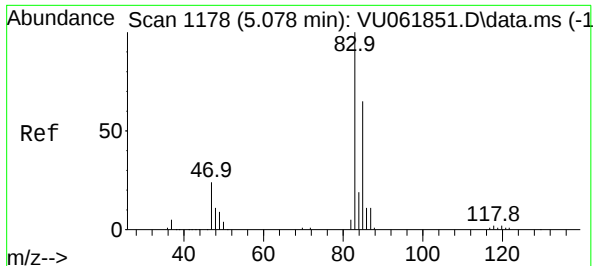
Tgt Ion: 96 Resp: 62095
 Ion Ratio Lower Upper
 96 100
 61 120.7 84.5 156.9
 98 63.6 44.6 82.8



#23
 Bromochloromethane
 Concen: 4.175 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

Tgt Ion: 128 Resp: 27147
 Ion Ratio Lower Upper
 128 100
 49 153.2 100.9 187.5
 130 131.2 87.0 161.6
 51 48.8 36.0 54.0





#25

Chloroform

Concen: 4.312 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

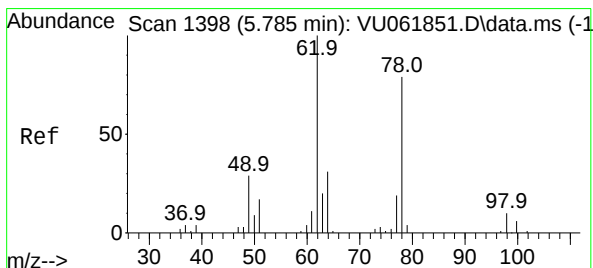
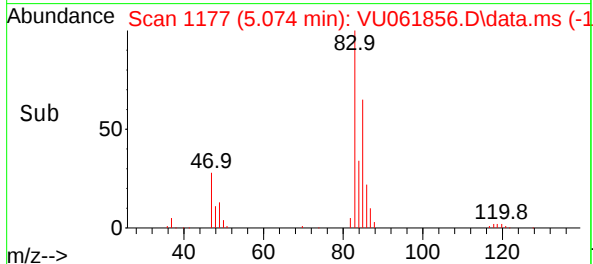
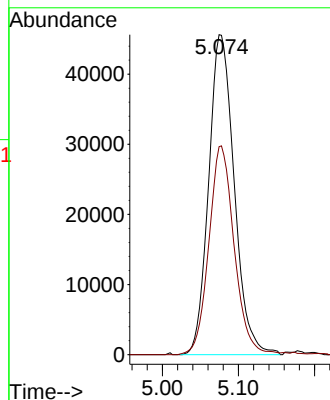
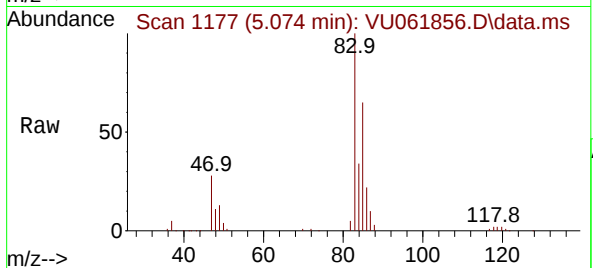
ClientSampleId :

Tgt Ion: 83 Resp: 106590

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.168 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061856.D

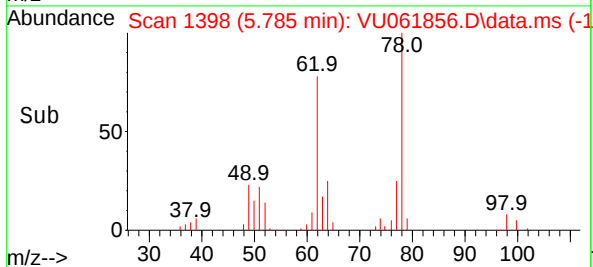
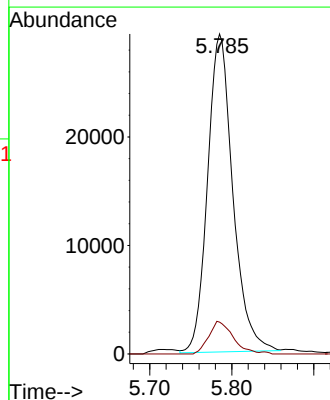
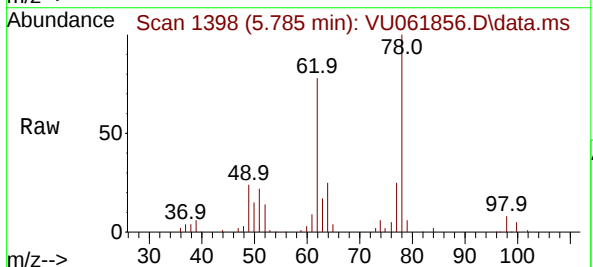
Acq: 19 Nov 2024 19:11

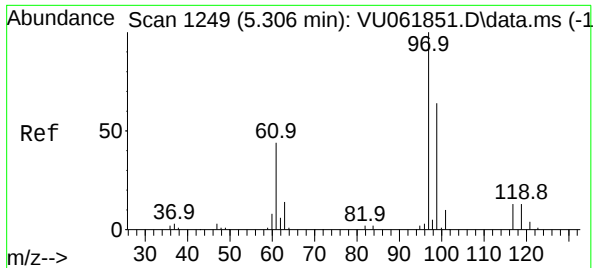
Tgt Ion: 62 Resp: 62756

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1

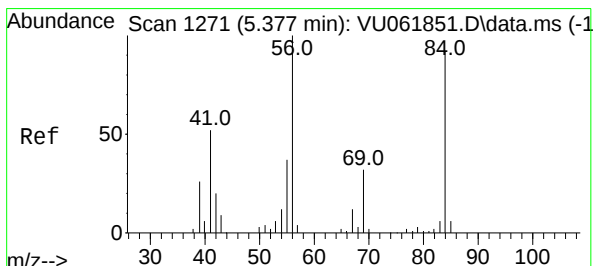
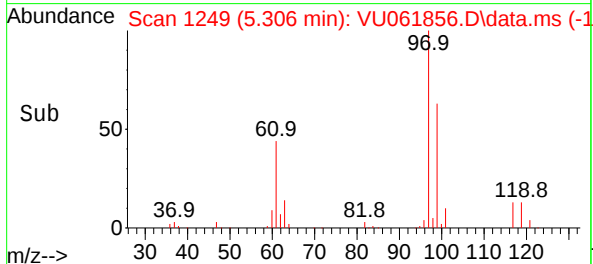
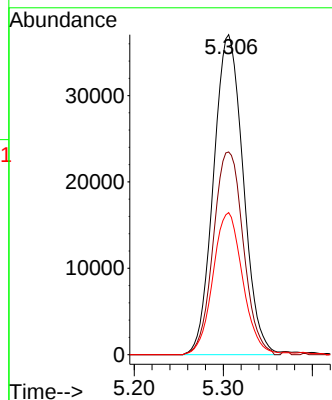
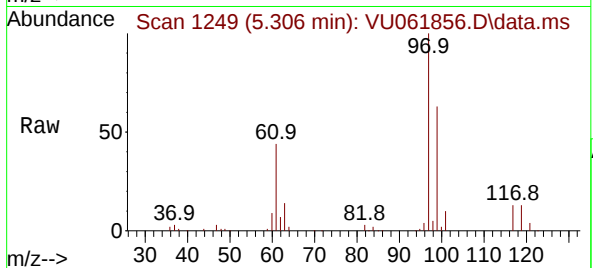




#29
1,1,1-Trichloroethane
Concen: 4.624 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

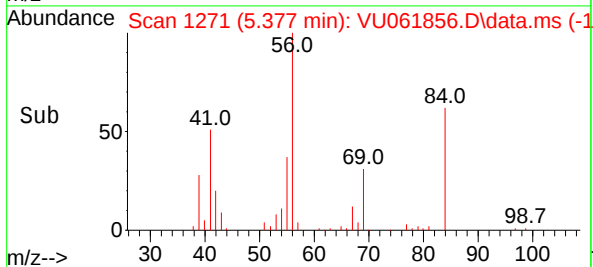
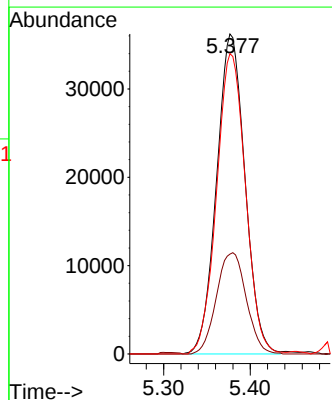
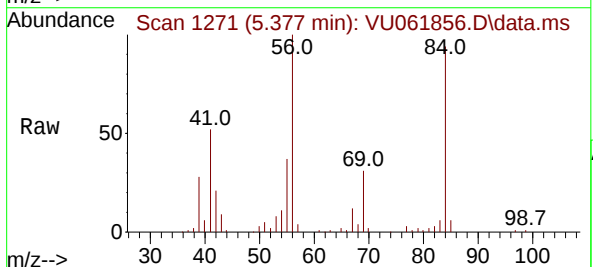
Instrument :
MSVOA_U
ClientSampleId :

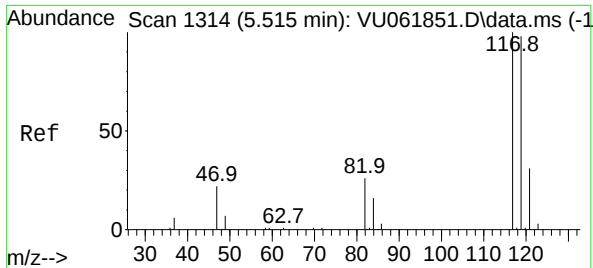
Tgt Ion: 97 Resp: 85915
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 44.5 34.8 52.2



#30
Cyclohexane
Concen: 4.542 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 56 Resp: 82356
Ion Ratio Lower Upper
56 100
69 33.2 26.2 39.4
84 95.5 76.0 114.0

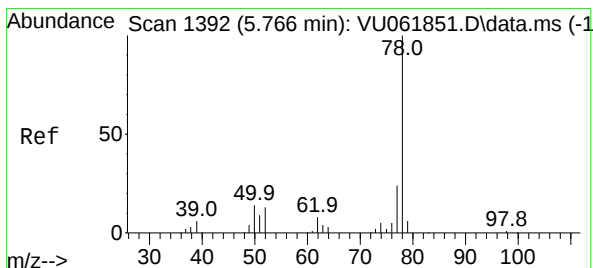
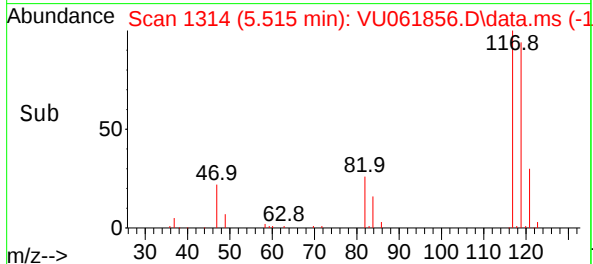
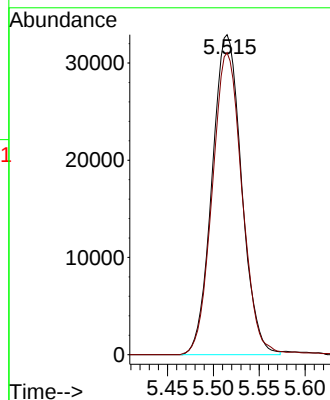
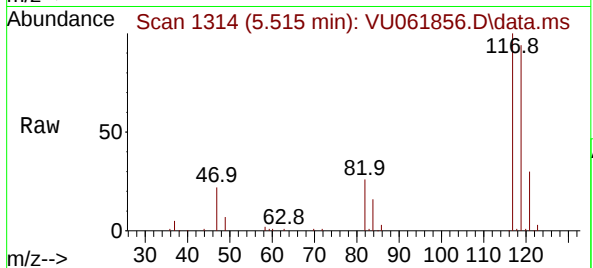




#31
Carbon tetrachloride
Concen: 4.660 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

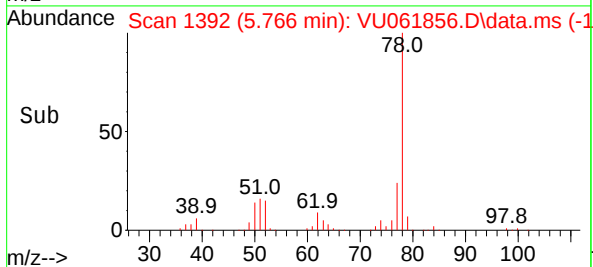
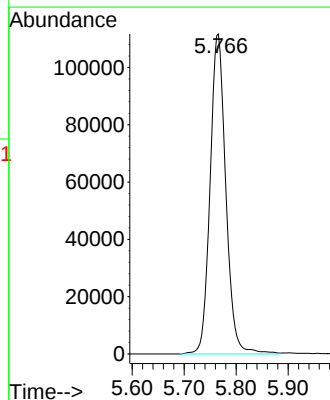
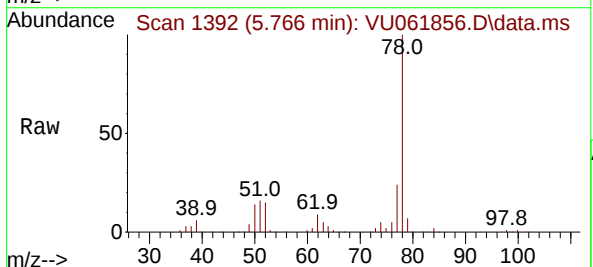
Instrument :
MSVOA_U
ClientSampleId :

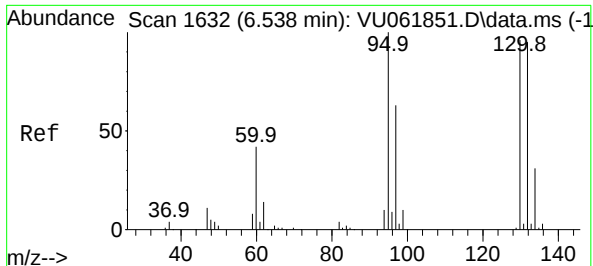
Tgt Ion:117 Resp: 73546
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 4.729 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 78 Resp: 234958

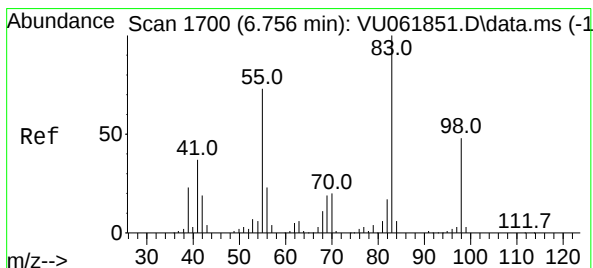
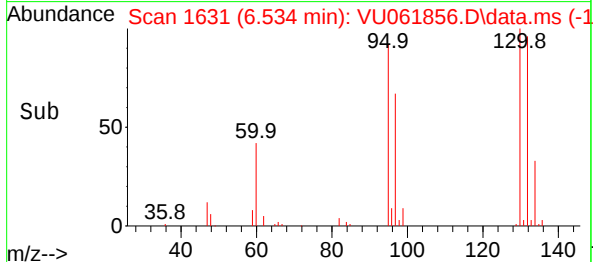
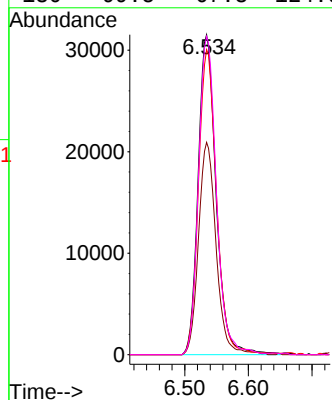
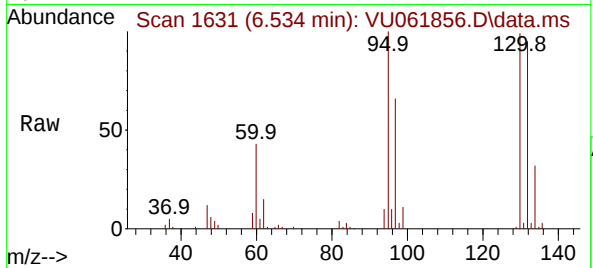




#34
Trichloroethene
Concen: 4.352 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

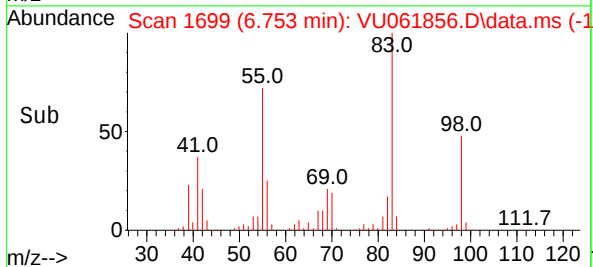
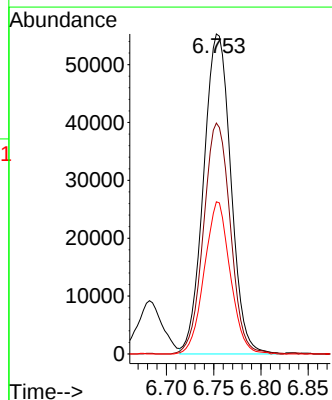
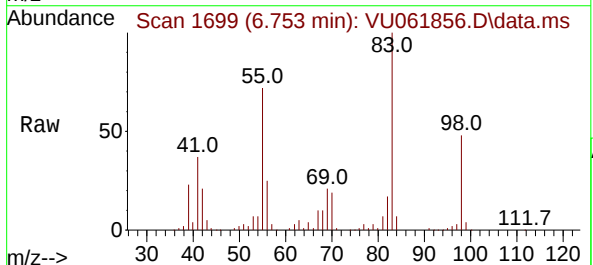
Instrument :
MSVOA_U
ClientSampleId :

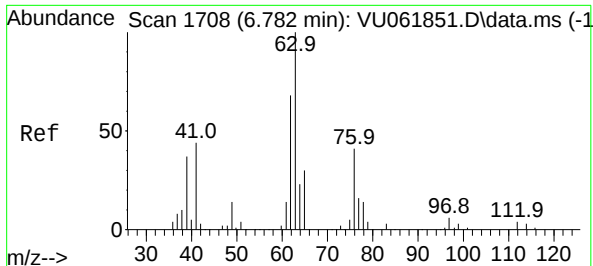
Tgt Ion: 95 Resp: 62030
Ion Ratio Lower Upper
95 100
97 66.3 44.2 82.0
132 95.4 66.4 123.2
130 99.5 67.3 124.9



#35
Methylcyclohexane
Concen: 5.141 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 83 Resp: 110972
Ion Ratio Lower Upper
83 100
55 71.1 56.9 85.3
98 45.2 37.2 55.8

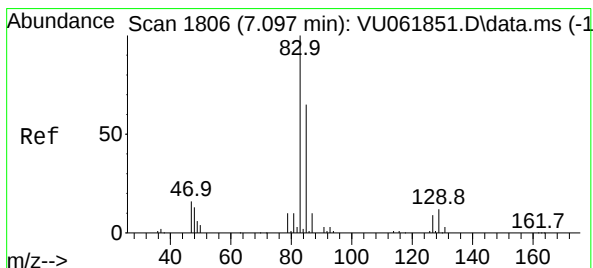
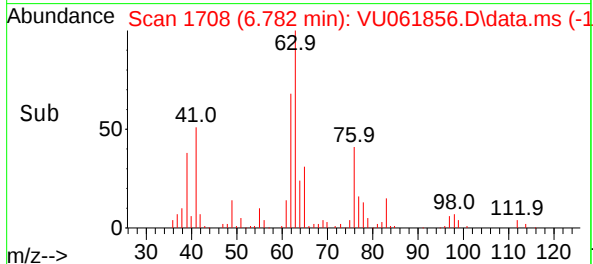
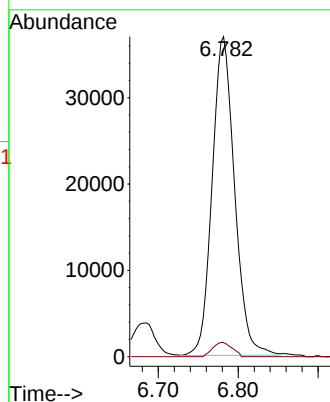
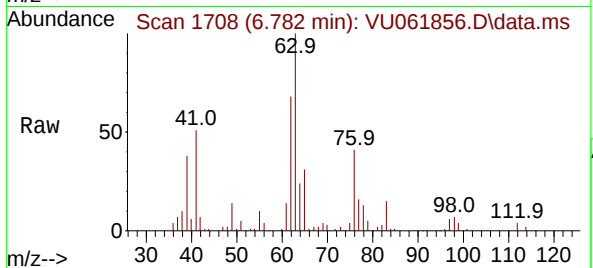




#37
1,2-Dichloropropane
Concen: 5.349 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

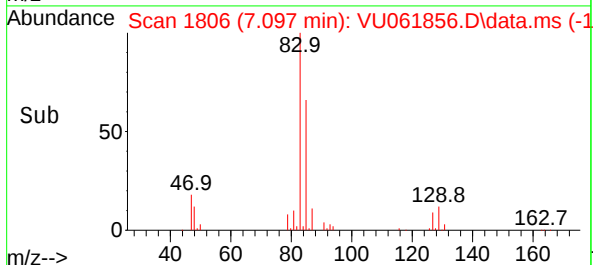
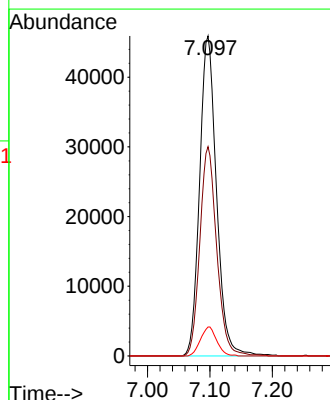
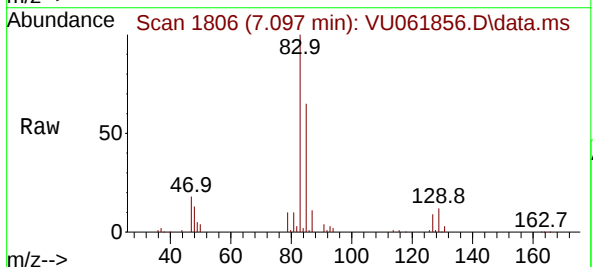
Instrument :
MSVOA_U
ClientSampleId :

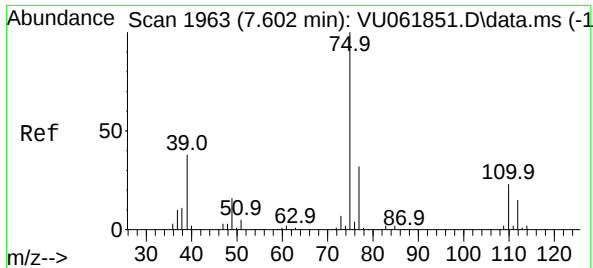
Tgt Ion: 63 Resp: 71985
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 5.053 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 83 Resp: 86513
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.4
127 9.0 7.4 11.0

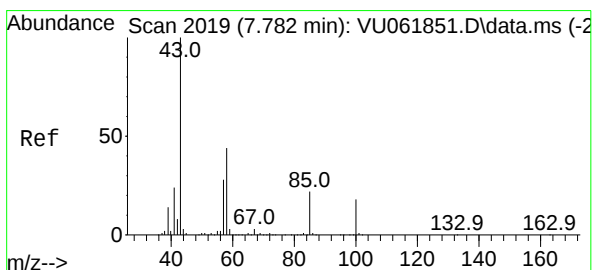
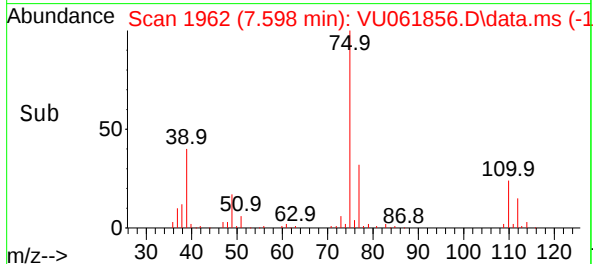
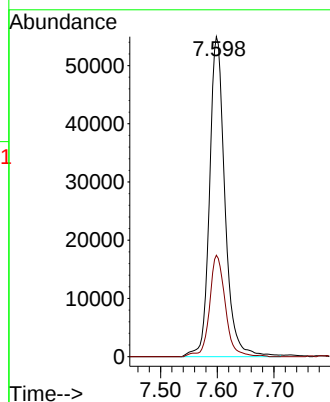
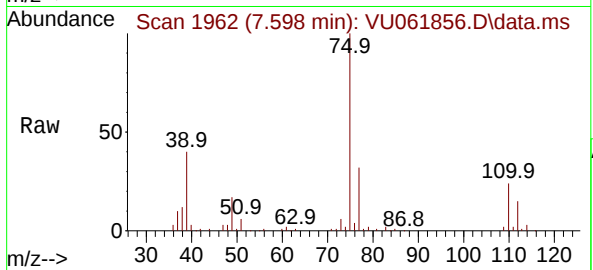




#39
 cis-1,3-Dichloropropene
 Concen: 4.949 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

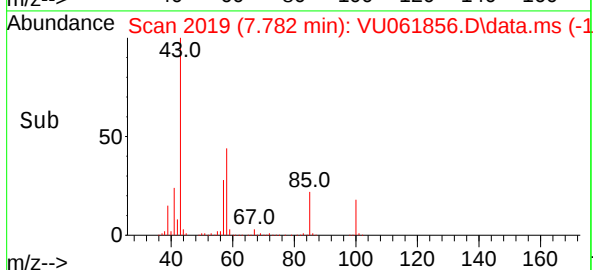
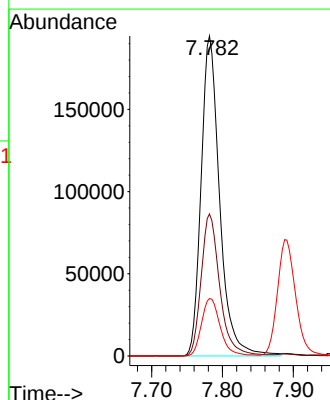
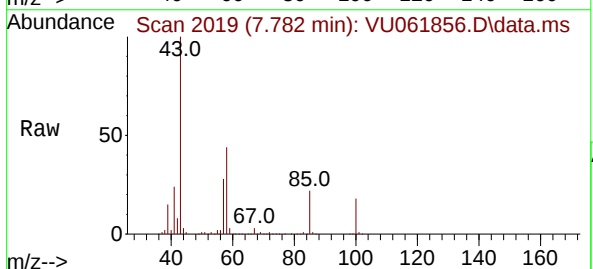
Instrument :
 MSVOA_U
 ClientSampleId :

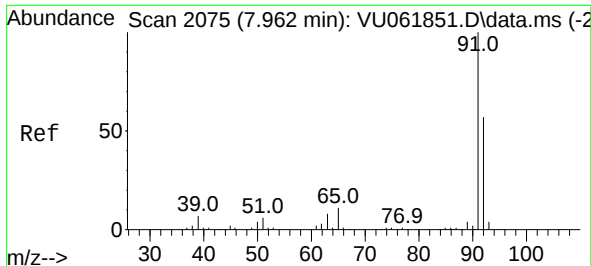
Tgt Ion: 75 Resp: 104001
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 48.338 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061856.D
 Acq: 19 Nov 2024 19:11

Tgt Ion: 43 Resp: 353697
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.8 53.6
 100 18.2 14.7 22.1





#42

Toluene

Concen: 4.619 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

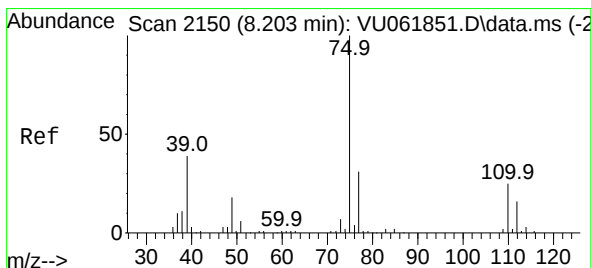
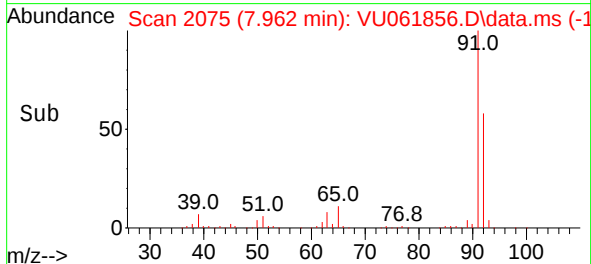
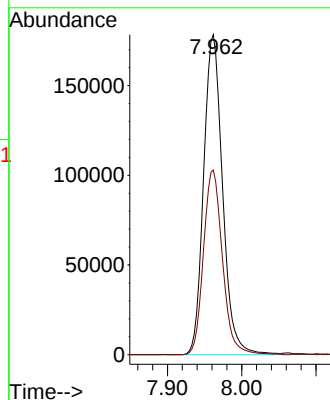
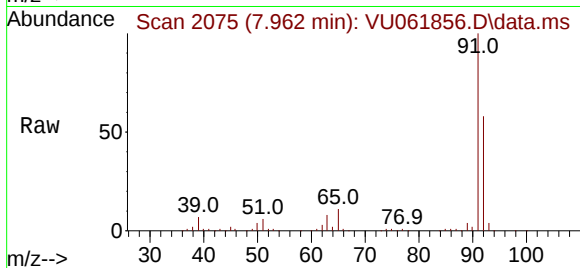
ClientSampleId :

Tgt Ion: 91 Resp: 316074

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.678 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061856.D

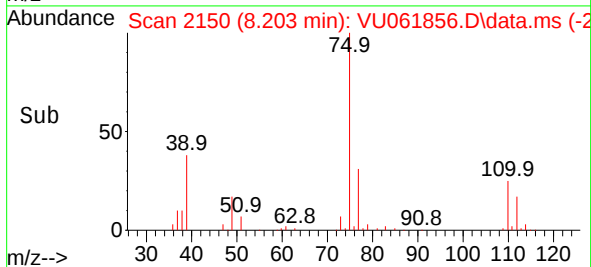
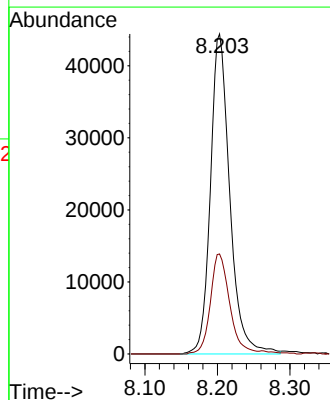
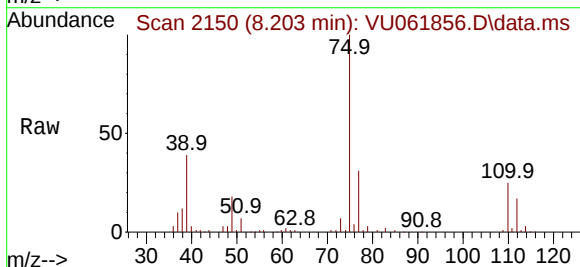
Acq: 19 Nov 2024 19:11

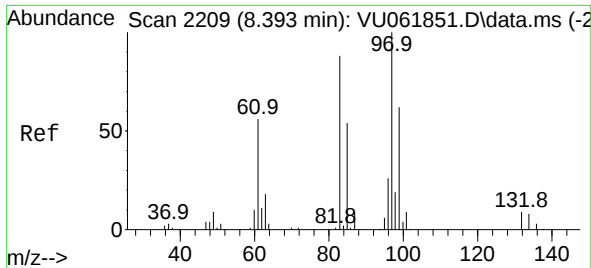
Tgt Ion: 75 Resp: 82328

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

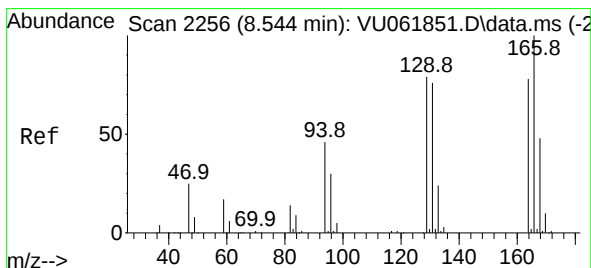
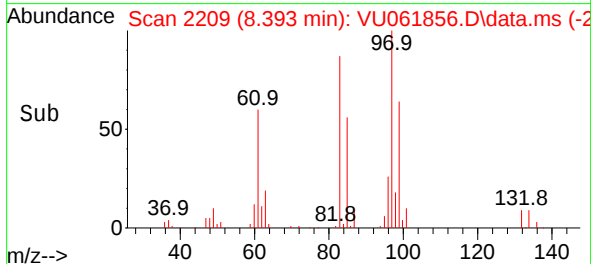
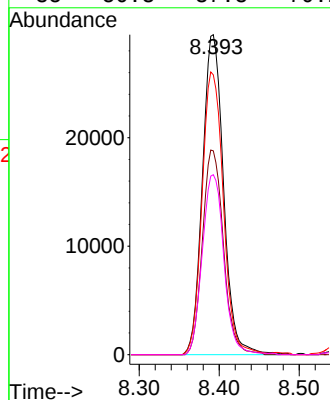
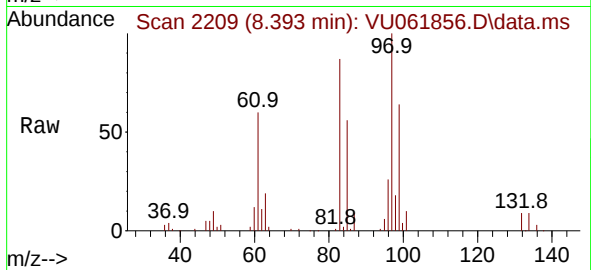




#45
1,1,2-Trichloroethane
Concen: 4.532 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

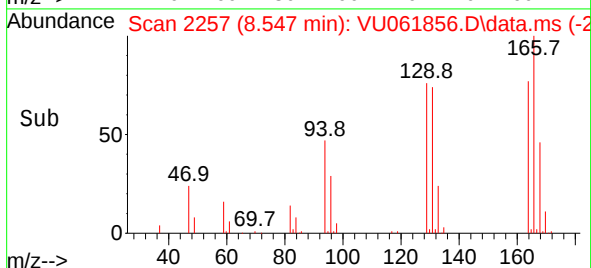
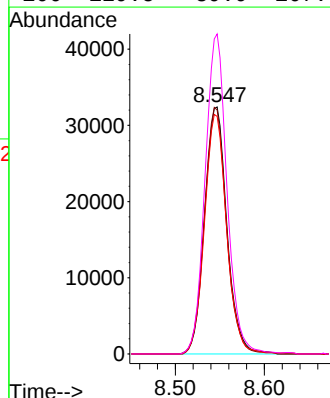
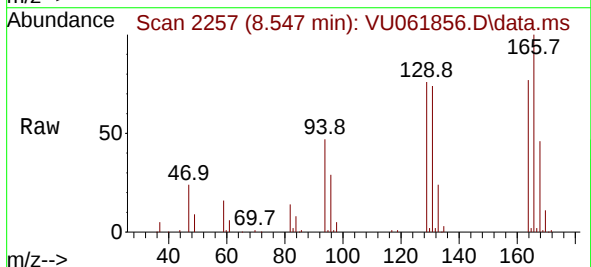
Instrument :
MSVOA_U
ClientSampleId :

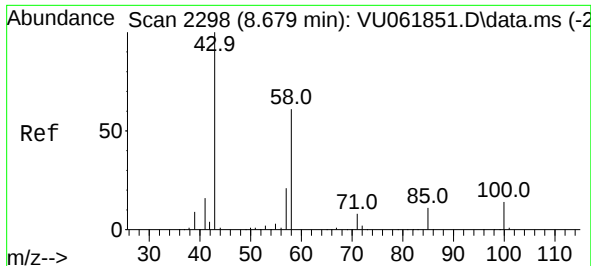
Tgt Ion:	97	Resp:	54149
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.6	81.0
83	87.5	61.7	114.5
85	56.3	37.8	70.2



#47
Tetrachloroethene
Concen: 4.340 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

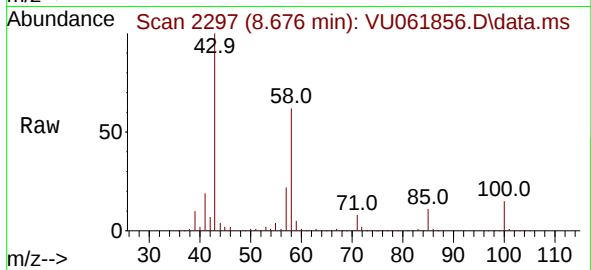
Tgt Ion:	164	Resp:	56404
Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.4	132.6
131	96.2	68.2	126.6
166	129.5	89.9	167.0



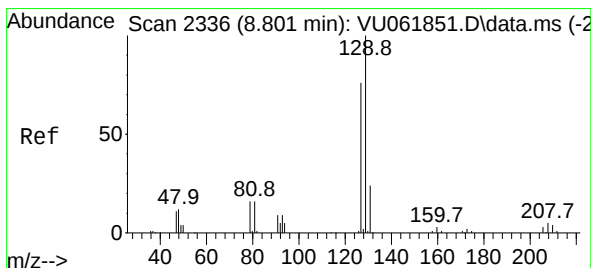
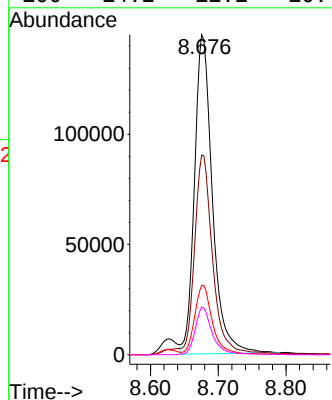
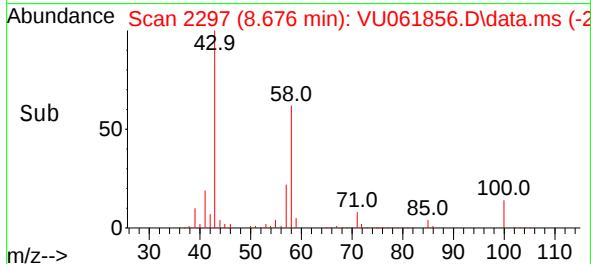


#48
2-Hexanone
Concen: 47.654 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Instrument :
MSVOA_U
ClientSampleId :

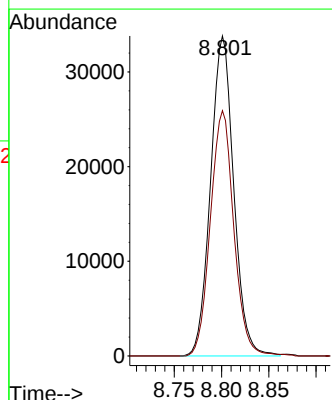
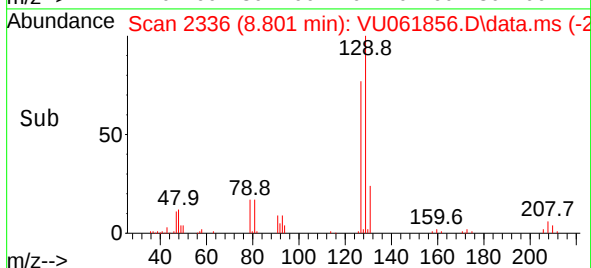
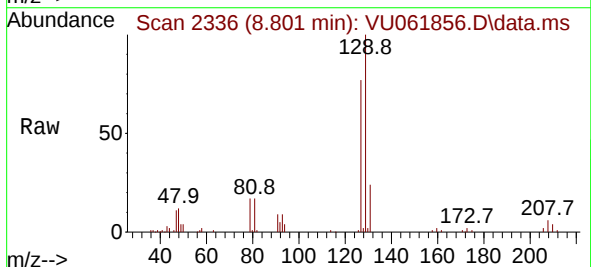


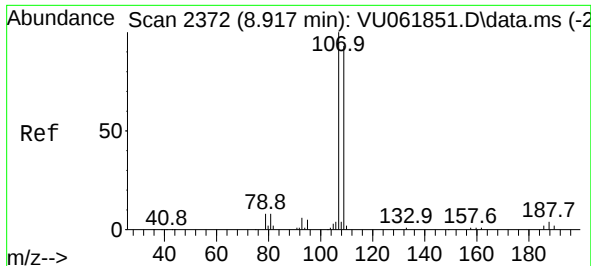
Tgt Ion: 43 Resp: 266227
Ion Ratio Lower Upper
43 100
58 65.2 49.6 74.4
57 20.8 17.6 26.4
100 14.2 11.1 16.7



#49
Dibromochloromethane
Concen: 4.641 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion: 129 Resp: 57584
Ion Ratio Lower Upper
129 100
127 76.7 53.4 99.2

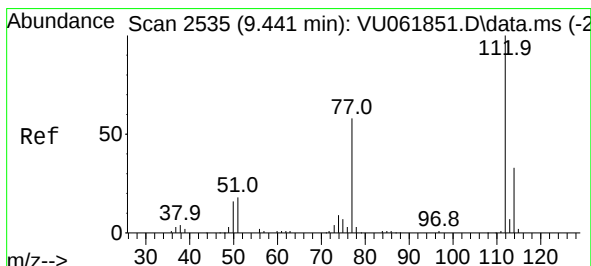
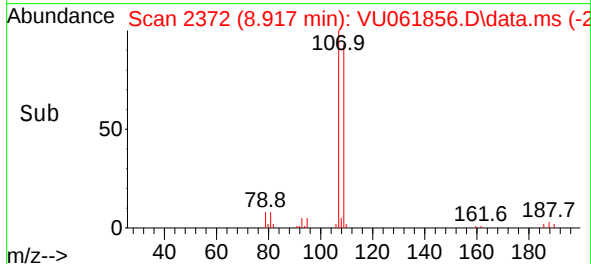
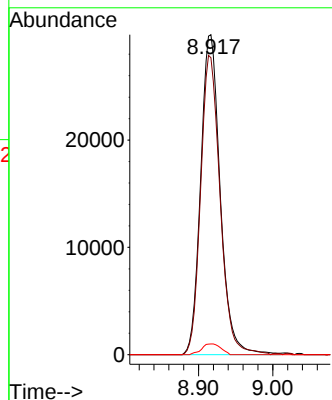
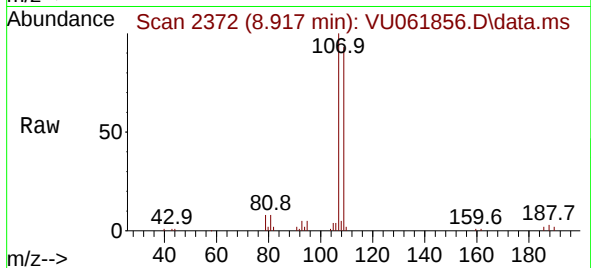




#50
1,2-Dibromoethane
Concen: 4.834 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

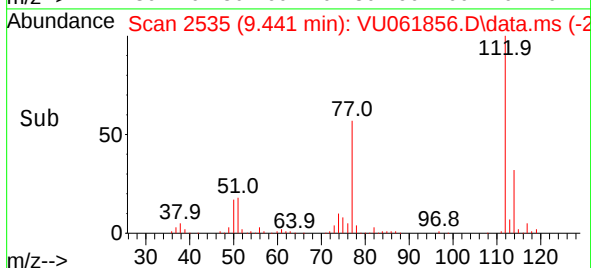
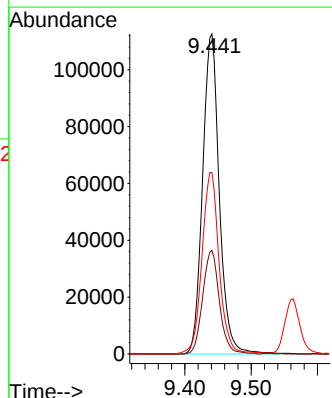
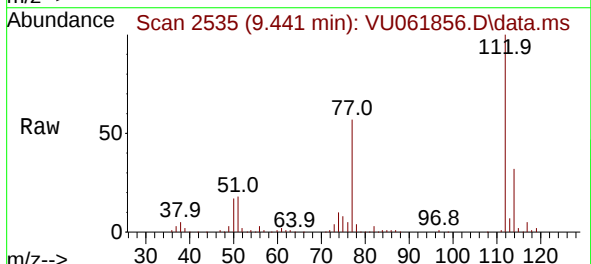
Instrument :
MSVOA_U
ClientSampleId :

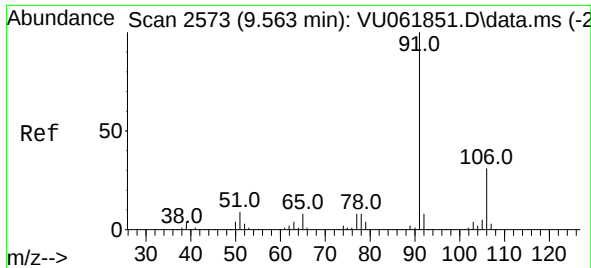
Tgt Ion:107 Resp: 54636
Ion Ratio Lower Upper
107 100
109 92.8 65.2 121.2
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 4.348 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion:112 Resp: 196925
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 56.7 46.7 70.1

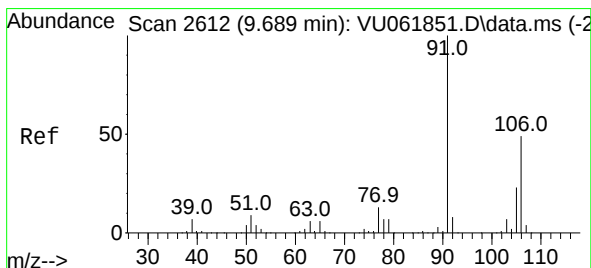
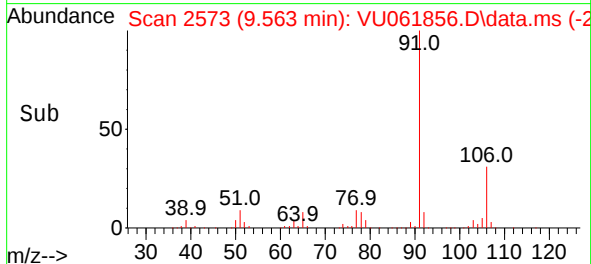
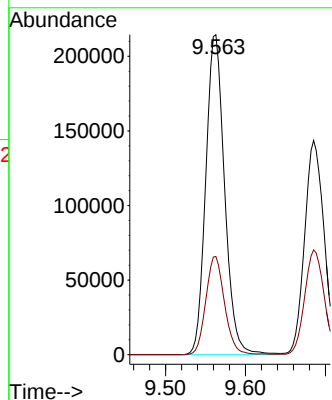
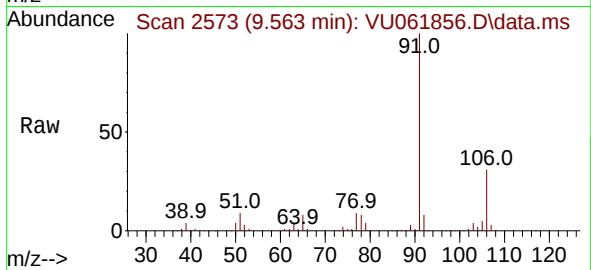




#52
Ethylbenzene
Concen: 4.718 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

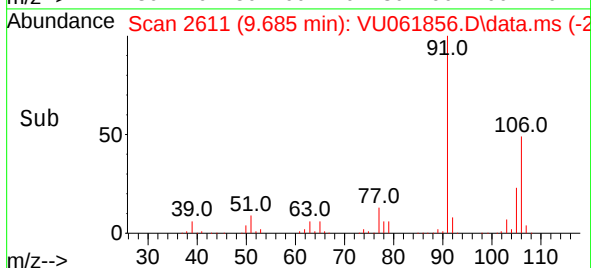
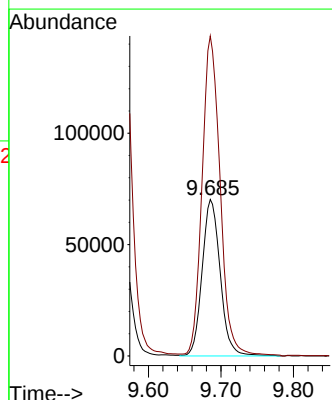
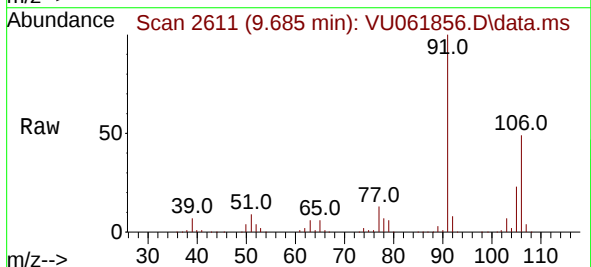
Instrument :
MSVOA_U
ClientSampleId :

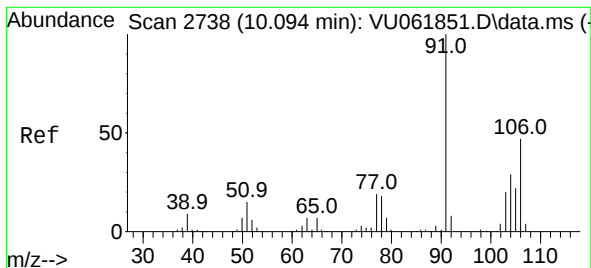
Tgt Ion: 91 Resp: 351970
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.6



#53
m,p-Xylene
Concen: 4.300 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion:106 Resp: 121509
Ion Ratio Lower Upper
106 100
91 204.5 142.0 263.8





#54

o-Xylene

Concen: 3.688 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

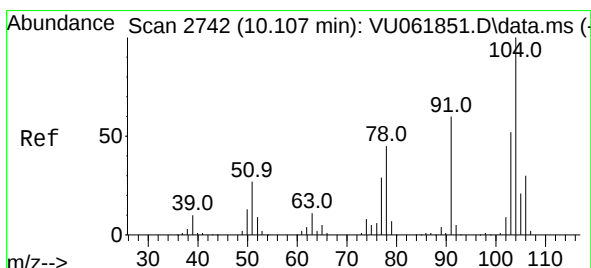
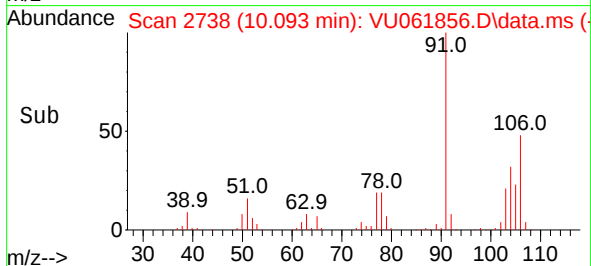
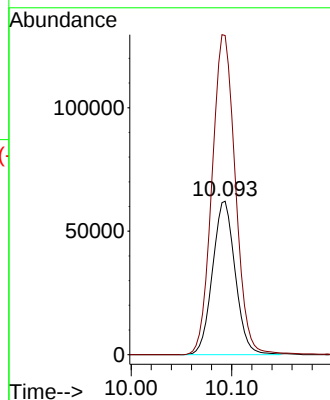
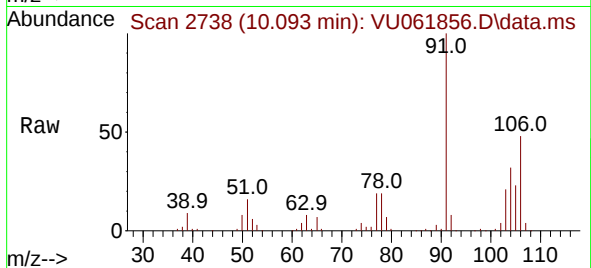
ClientSampleId :

Tgt Ion:106 Resp: 97516

Ion Ratio Lower Upper

106 100

91 208.0 148.2 275.2



#55

Styrene

Concen: 3.815 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061856.D

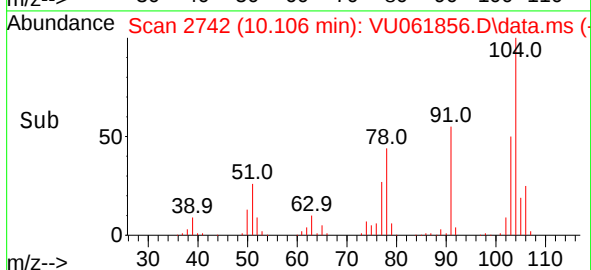
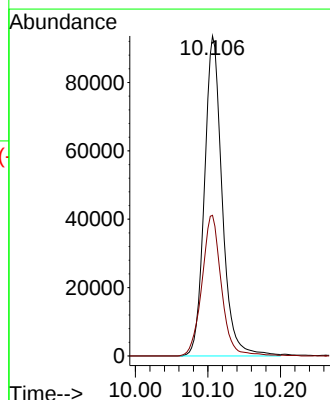
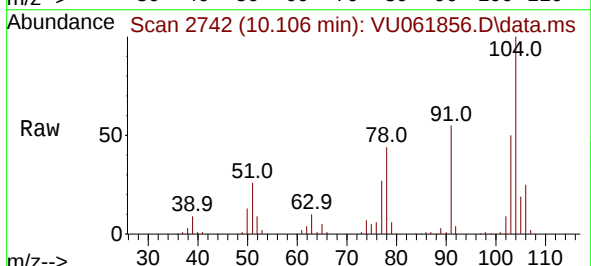
Acq: 19 Nov 2024 19:11

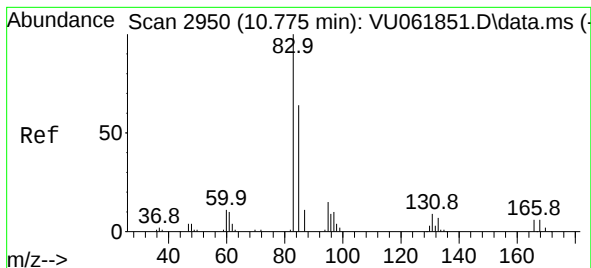
Tgt Ion:104 Resp: 158962

Ion Ratio Lower Upper

104 100

78 44.0 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.087 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

ClientSampleId :

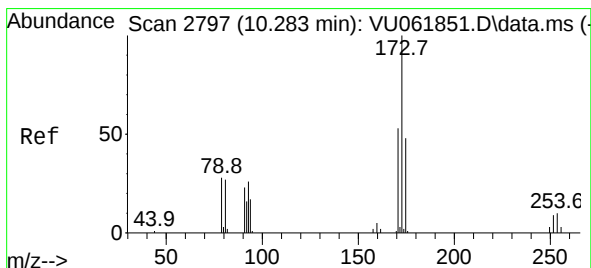
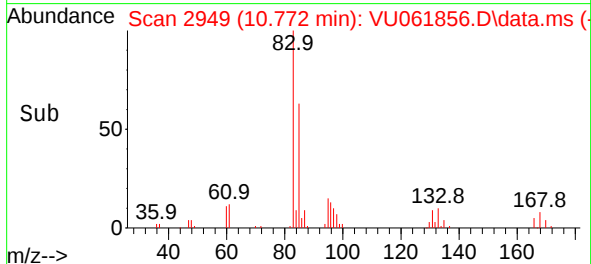
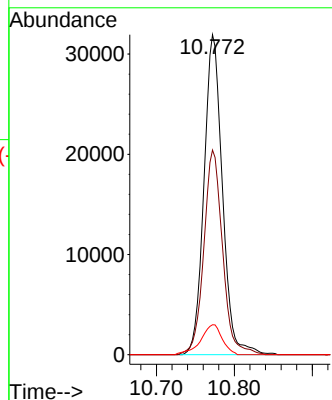
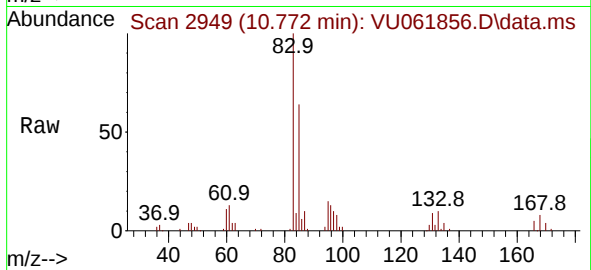
Tgt Ion: 83 Resp: 52491

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

131 9.4 7.7 11.5



#59

Bromoform

Concen: 4.039 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

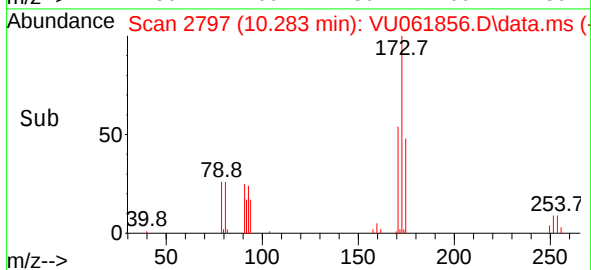
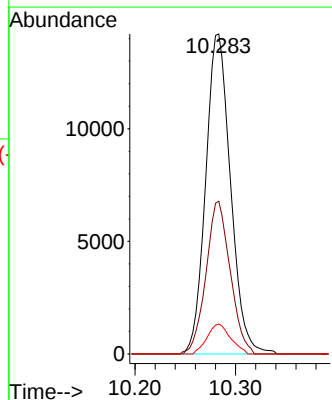
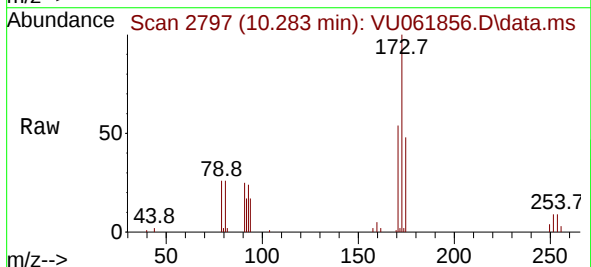
Tgt Ion:173 Resp: 24390

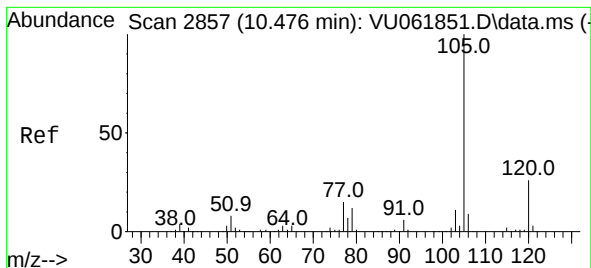
Ion Ratio Lower Upper

173 100

175 46.4 37.0 55.6

254 8.8 7.4 11.0





#60

Isopropylbenzene

Concen: 4.051 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

ClientSampleId :

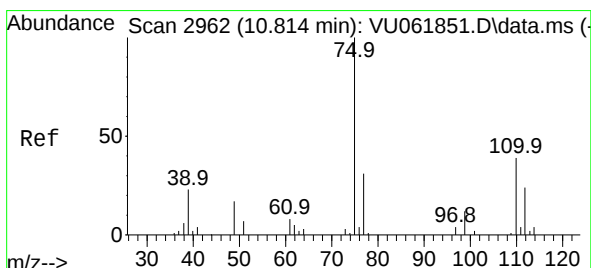
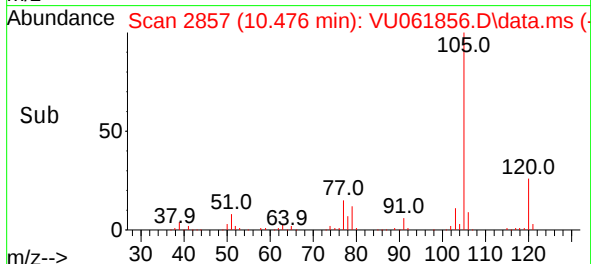
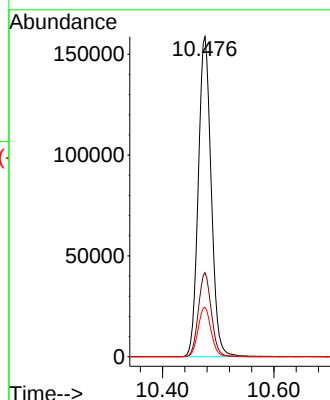
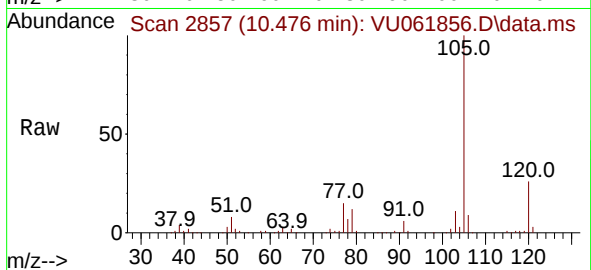
Tgt Ion:105 Resp: 255479

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7

77 15.6 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 4.593 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

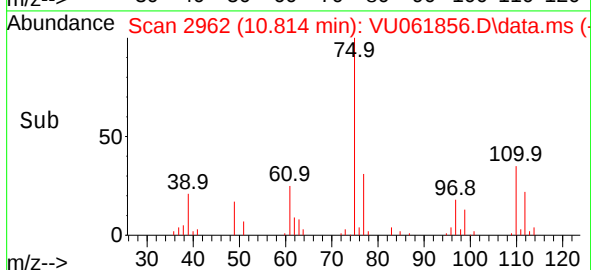
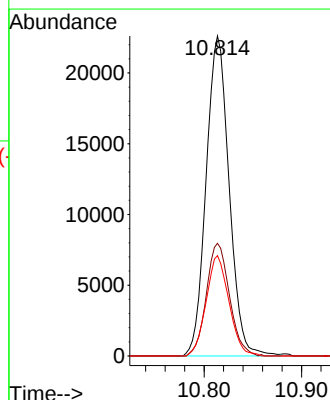
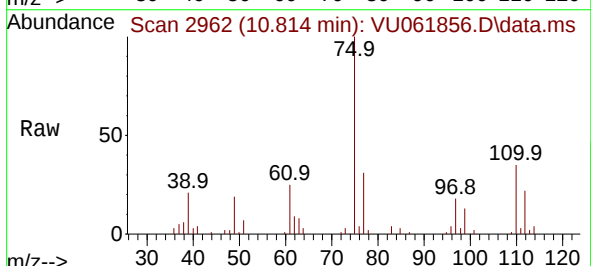
Tgt Ion: 75 Resp: 37078

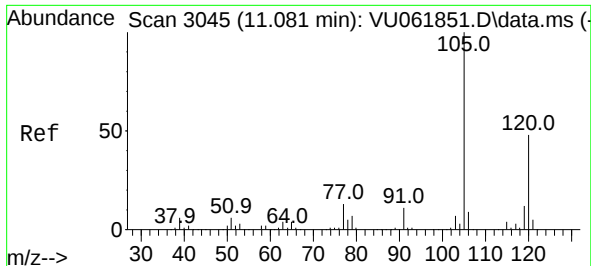
Ion Ratio Lower Upper

75 100

110 35.3 30.6 46.0

77 31.1 25.3 37.9





#62

1,3,5-Trimethylbenzene

Concen: 4.199 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

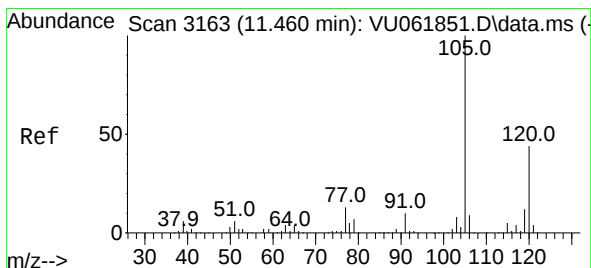
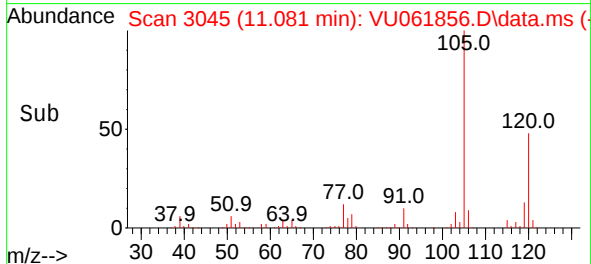
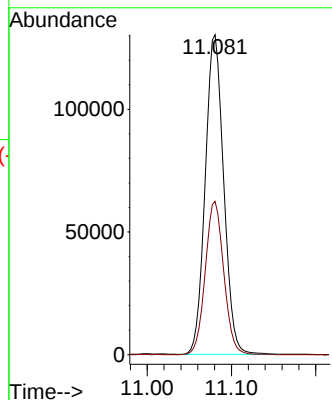
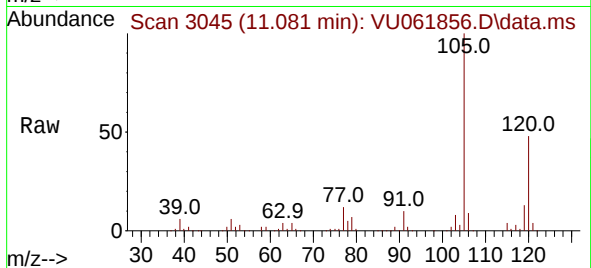
ClientSampleId :

Tgt Ion:105 Resp: 198980

Ion Ratio Lower Upper

105 100

120 48.1 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 4.231 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061856.D

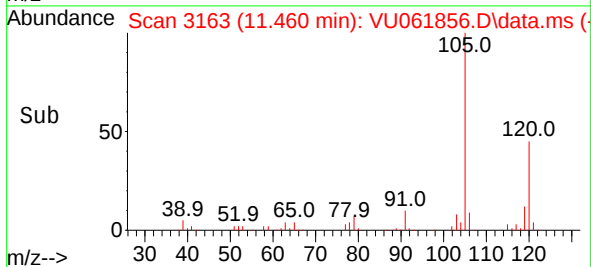
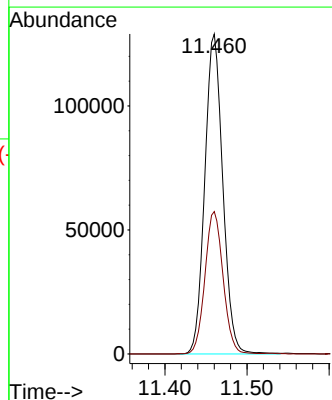
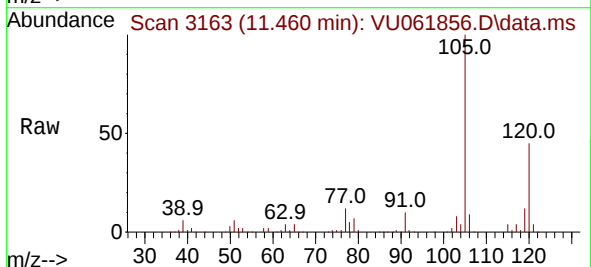
Acq: 19 Nov 2024 19:11

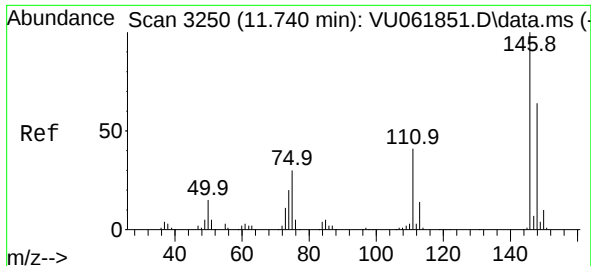
Tgt Ion:105 Resp: 197055

Ion Ratio Lower Upper

105 100

120 44.8 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 4.151 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

ClientSampleId :

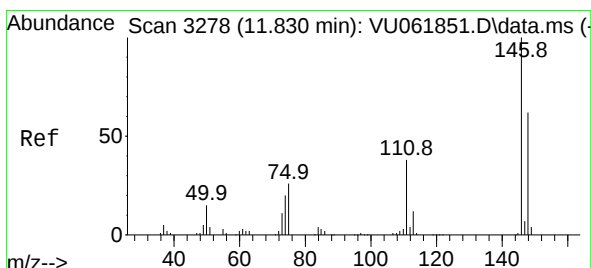
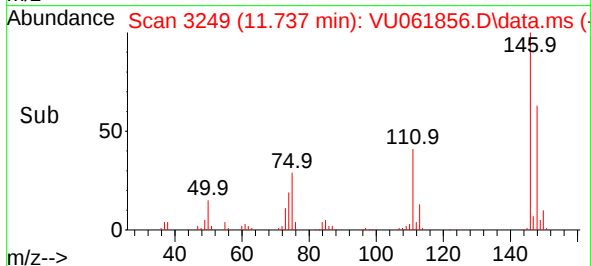
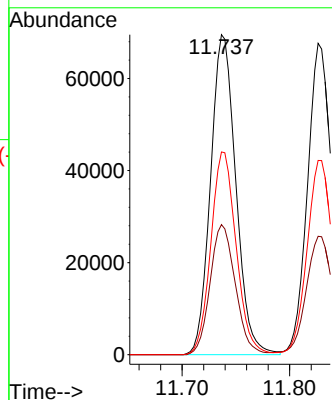
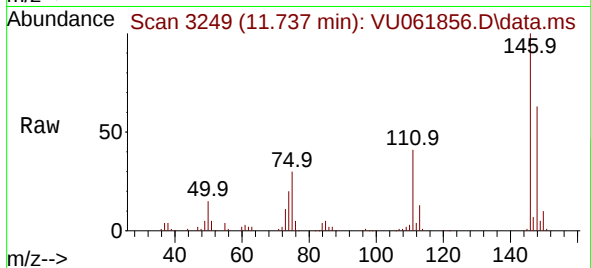
Tgt Ion:146 Resp: 113487

Ion Ratio Lower Upper

146 100

111 40.6 28.6 53.2

148 63.4 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 4.044 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

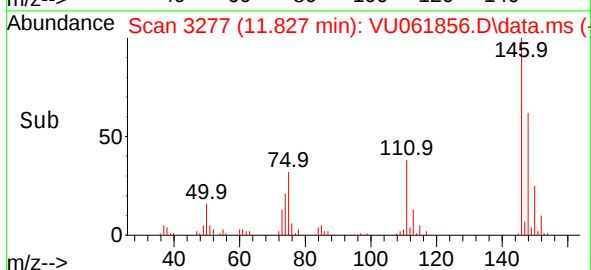
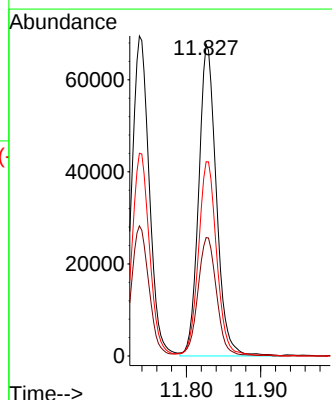
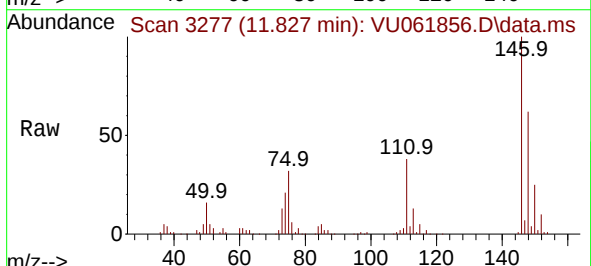
Tgt Ion:146 Resp: 112063

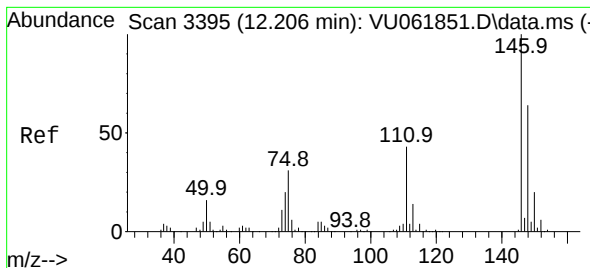
Ion Ratio Lower Upper

146 100

111 38.0 27.0 50.2

148 62.4 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.541 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

ClientSampleId :

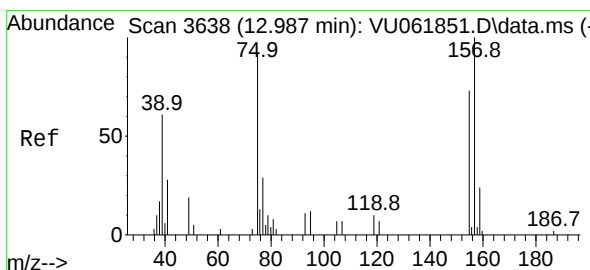
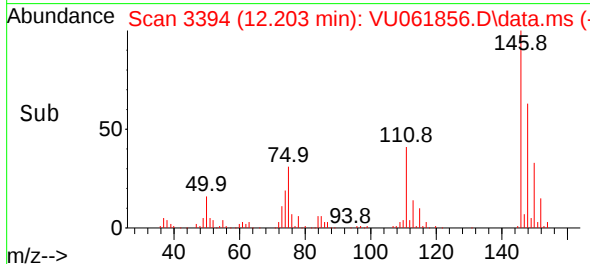
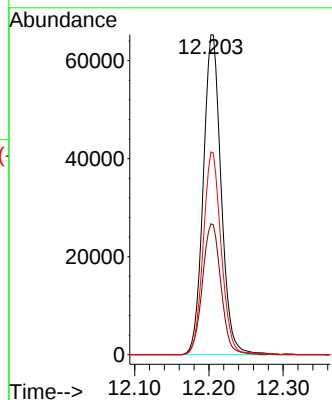
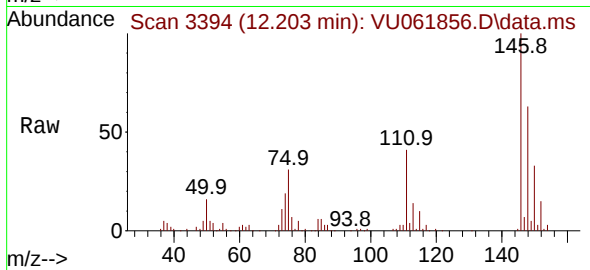
Tgt Ion:146 Resp: 109052

Ion Ratio Lower Upper

146 100

111 40.9 34.3 51.5

148 63.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.821 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

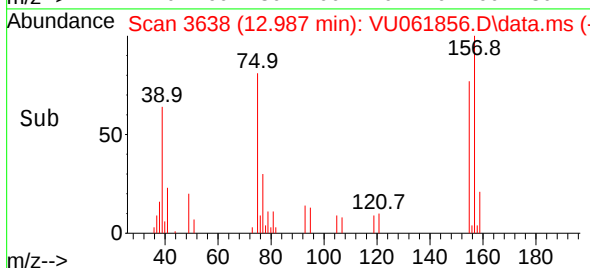
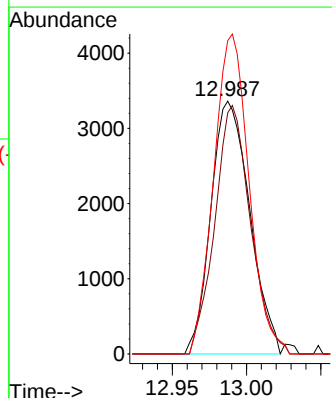
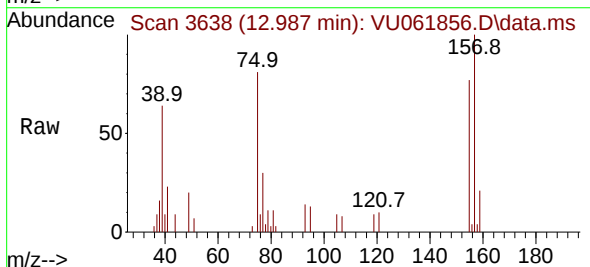
Tgt Ion: 75 Resp: 6111

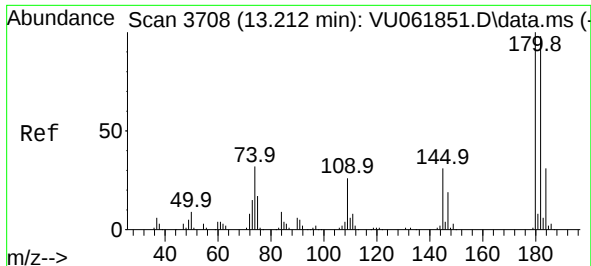
Ion Ratio Lower Upper

75 100

155 95.4 62.9 94.3#

157 123.9 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.343 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

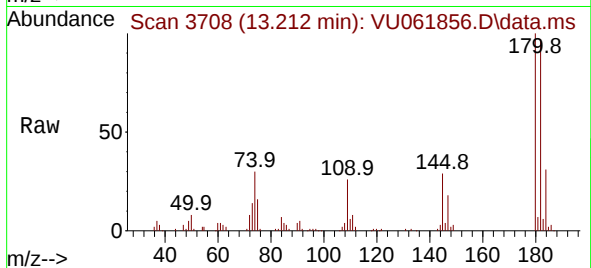
Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 76436

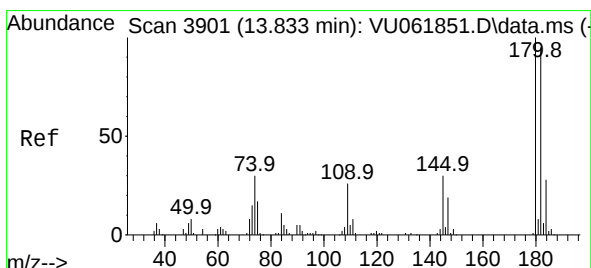
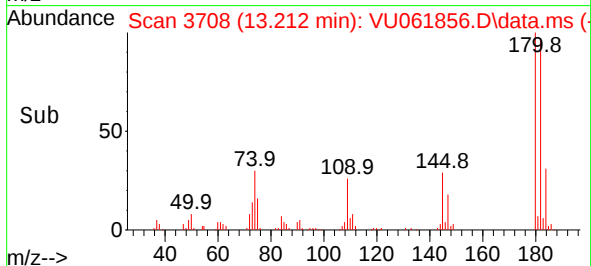
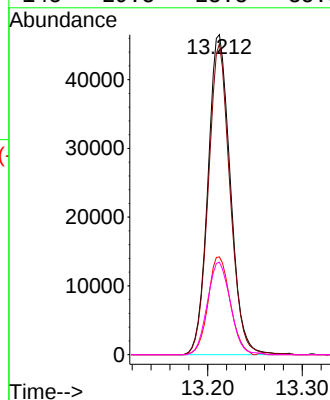
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

184 30.2 24.2 36.4

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 4.205 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061856.D

Acq: 19 Nov 2024 19:11

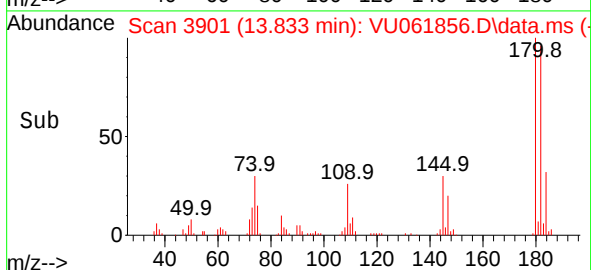
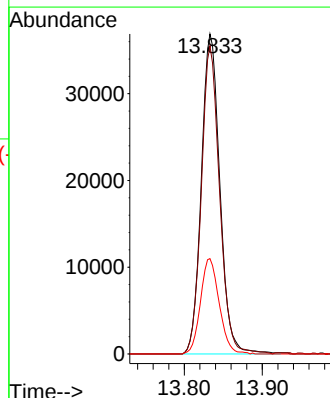
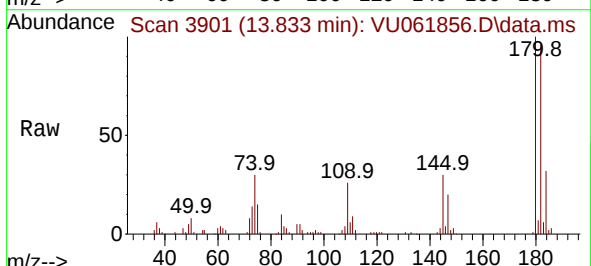
Tgt Ion:180 Resp: 60899

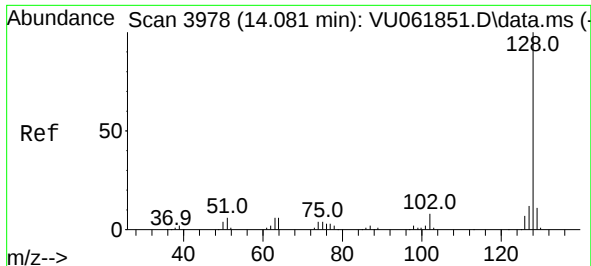
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

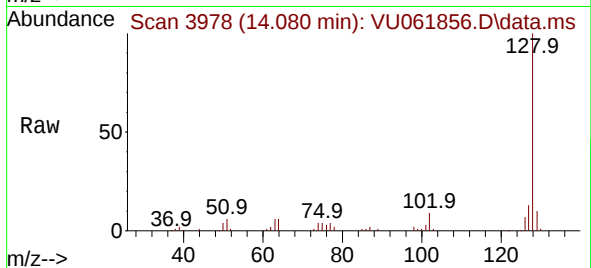
145 30.1 24.1 36.1



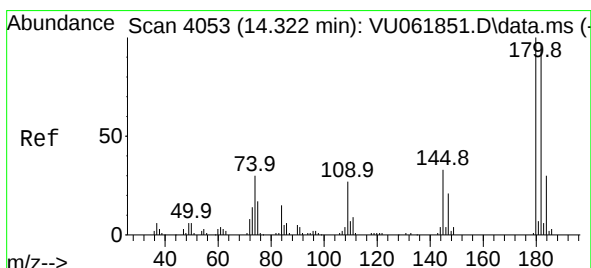
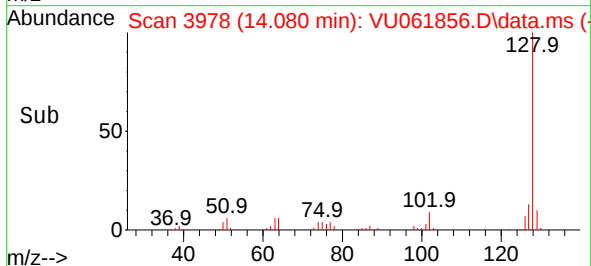
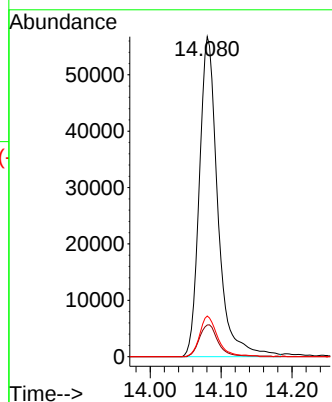


#71
Naphthalene
Concen: 4.377 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 103095
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 12.4 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.399 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061856.D
Acq: 19 Nov 2024 19:11

Tgt Ion:180 Resp: 56511
Ion Ratio Lower Upper
180 100
182 92.9 76.6 115.0
145 31.3 26.0 39.0

