

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061322.D
 Acq On : 31 Oct 2024 19:31
 Operator : MD/SY
 Sample : P4629-11MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 00:02:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44534	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.908	69	50310	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	20698	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.624	46	117248	49.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.052	84	108016	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	54077	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.718	84	211396	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	63904	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	200071	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	24040	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.624	63	105905	46.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50840	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	66671	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57140	4.954	ug/L	100
3) Chloromethane	1.515	50	53957	4.436	ug/L	99
5) Vinyl chloride	1.599	62	63104	4.719	ug/L	99
6) Bromomethane	1.853	94	46313	5.226	ug/L	99
8) Chloroethane	1.927	64	49303	5.007	ug/L	99
9) Trichlorofluoromethane	2.133	101	159147	8.762	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54139	5.019	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50314	4.919	ug/L	94
13) Acetone	2.637	43	71948	47.604	ug/L	97
14) Carbon disulfide	2.785	76	145160	4.253	ug/L	100
15) Methyl Acetate	2.952	43	18055	4.824	ug/L	100
16) Methylene chloride	3.039	84	56648	4.699	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	137492	4.959	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	55547	4.911	ug/L	93
19) 1,1-Dichloroethane	3.859	63	107360	5.032	ug/L	97
21) 2-Butanone	4.702	43	120769	50.404	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	77182	5.974	ug/L	99
23) Bromochloromethane	4.968	128	28215	5.190	ug/L	94
25) Chloroform	5.078	83	111726	4.981	ug/L	99

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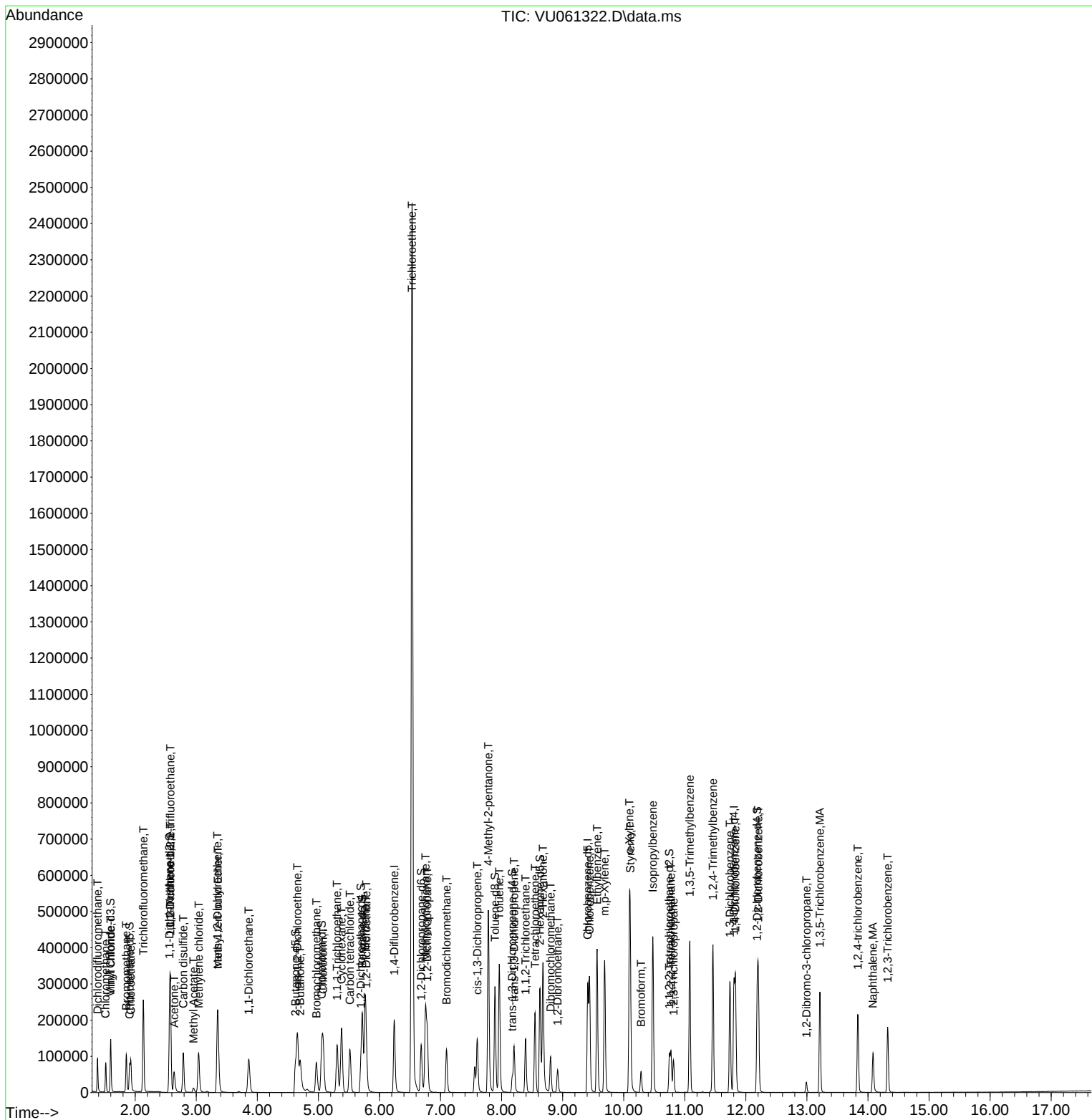
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 MSVOA_U
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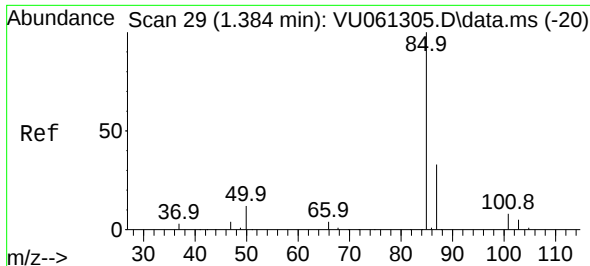
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69707	4.918	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	94893	4.829	ug/L	98
30) Cyclohexane	5.377	56	91021	4.618	ug/L	99
31) Carbon tetrachloride	5.515	117	81561	4.851	ug/L	97
33) Benzene	5.766	78	242965	4.896	ug/L	100
34) Trichloroethene	6.531	95	844502	62.556	ug/L	99
35) Methylcyclohexane	6.753	83	101581	4.728	ug/L	98
37) 1,2-Dichloropropane	6.782	63	63360	5.037	ug/L	99
38) Bromodichloromethane	7.097	83	77386	4.861	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	94223	4.850	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	313967	50.149	ug/L	100
42) Toluene	7.962	91	266081	4.937	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75370	4.761	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46044	5.086	ug/L	99
47) Tetrachloroethene	8.547	164	47051	4.990	ug/L	98
48) 2-Hexanone	8.676	43	227484	51.383	ug/L	99
49) Dibromochloromethane	8.801	129	49541	4.825	ug/L	93
50) 1,2-Dibromoethane	8.917	107	43067	4.897	ug/L	94
51) Chlorobenzene	9.441	112	171412	5.032	ug/L	98
52) Ethylbenzene	9.563	91	291336	4.914	ug/L	100
53) m,p-Xylene	9.685	106	109602	4.853	ug/L	97
54) o-Xylene	10.094	106	107660	4.830	ug/L	97
55) Styrene	10.107	104	174222	4.876	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	55327	5.072	ug/L	97
59) Bromoform	10.283	173	26136	4.585	ug/L	100
60) Isopropylbenzene	10.476	105	285747	4.857	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38024	4.956	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	227670	4.753	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	222724	4.704	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	124005	5.008	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	119910	4.750	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	115010	4.935	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7332	4.552	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	84491	4.978	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	66999	4.891	ug/L	96
71) Naphthalene	14.081	128	96448	4.462	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55860	4.875	ug/L	99

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

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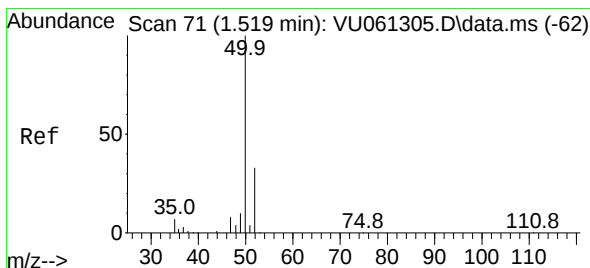
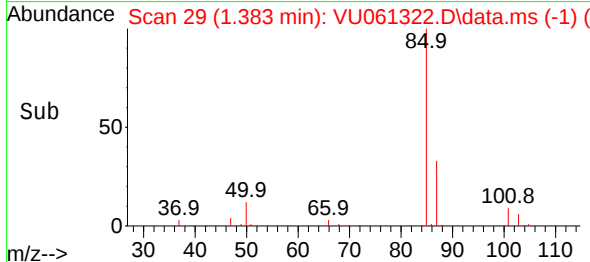
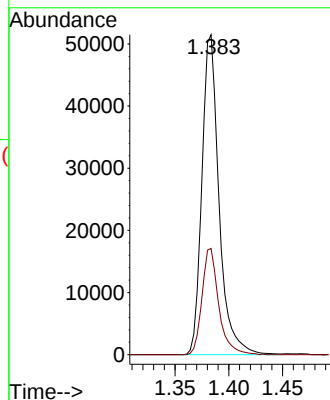
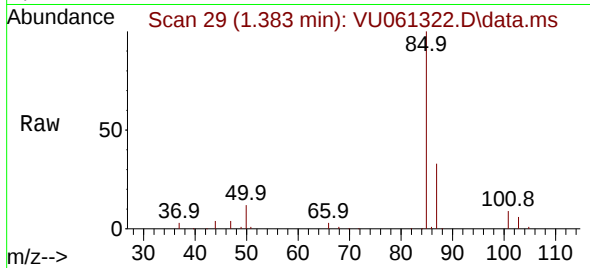




#2
Dichlorodifluoromethane
Concen: 4.954 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

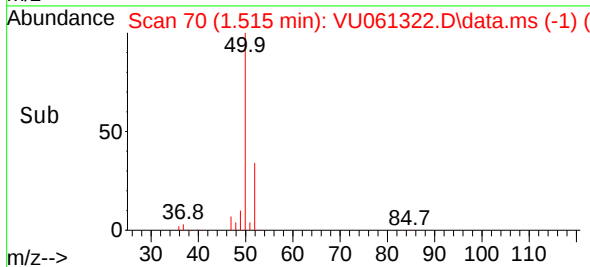
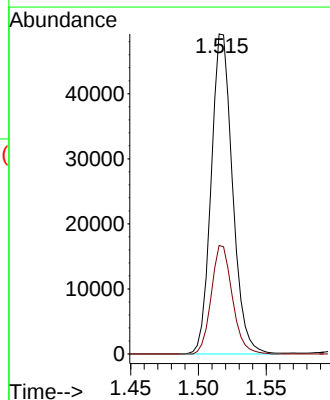
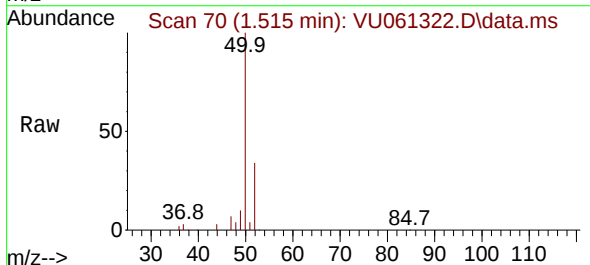
Instrument :
MSVOA_U
ClientSampleId :

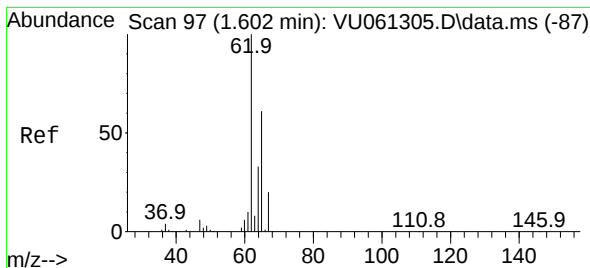
Tgt Ion: 85 Resp: 57140
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 4.436 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 50 Resp: 53957
Ion Ratio Lower Upper
50 100
52 33.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.719 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

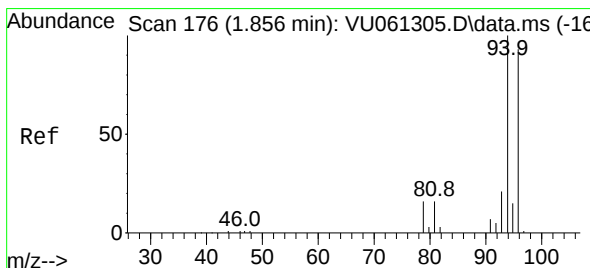
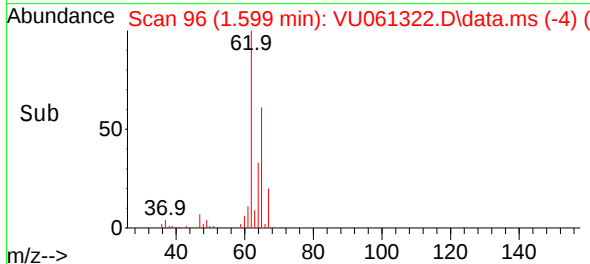
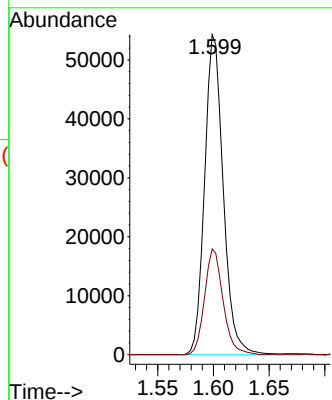
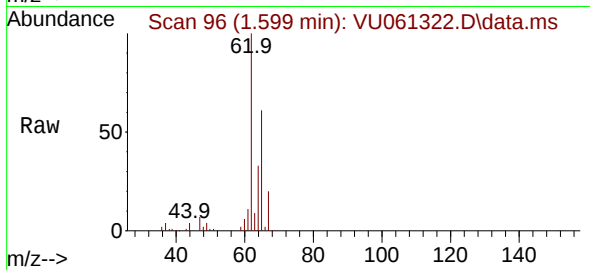
ClientSampleId :

Tgt Ion: 62 Resp: 63104

Ion Ratio Lower Upper

62 100

64 33.0 22.6 42.0



#6

Bromomethane

Concen: 5.226 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061322.D

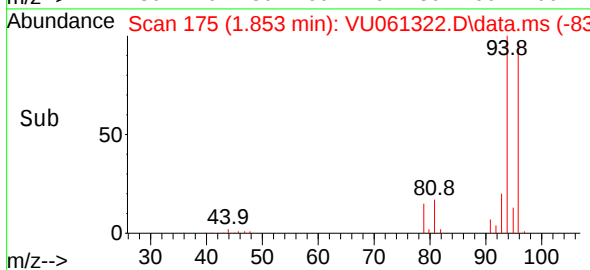
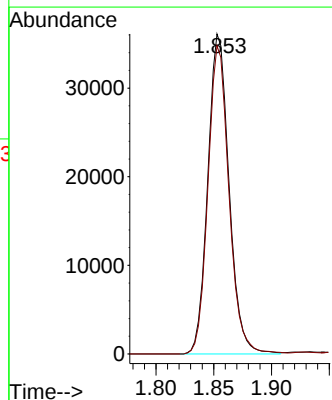
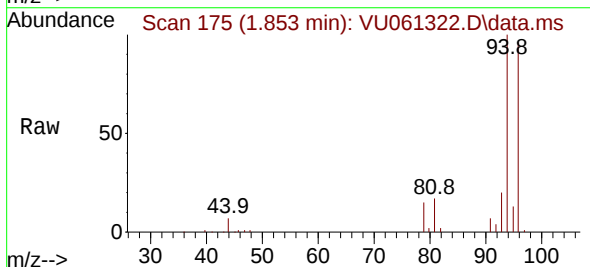
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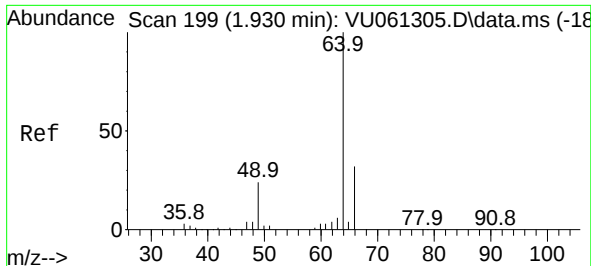
Tgt Ion: 94 Resp: 46313

Ion Ratio Lower Upper

94 100

96 96.3 66.9 124.3

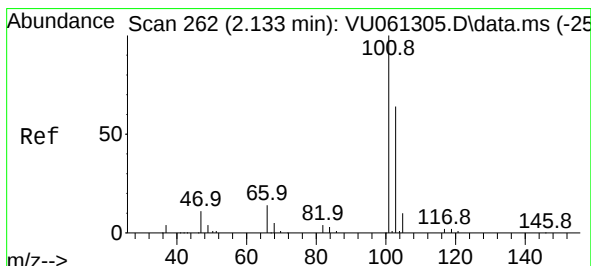
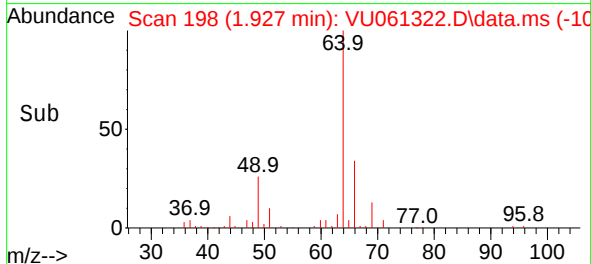
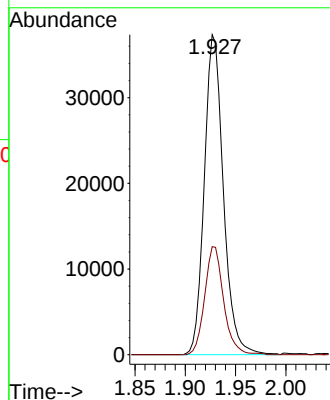
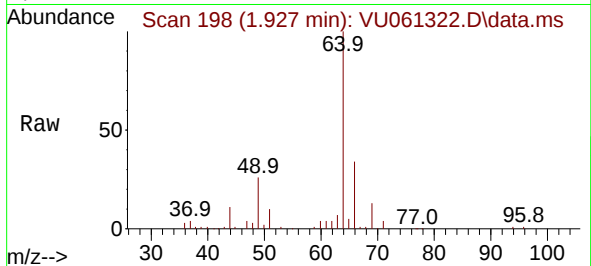




#8
Chloroethane
Concen: 5.007 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

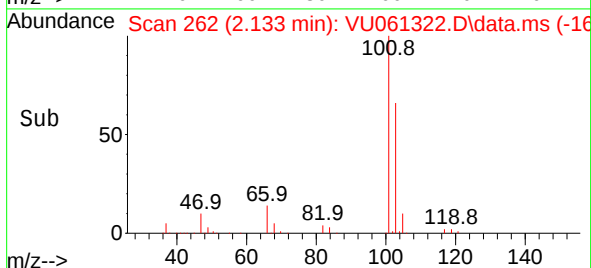
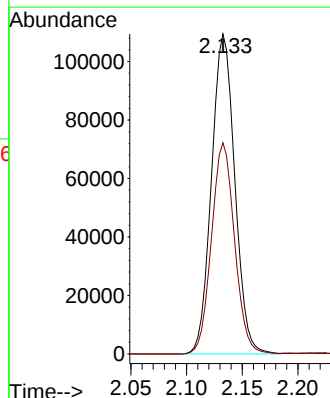
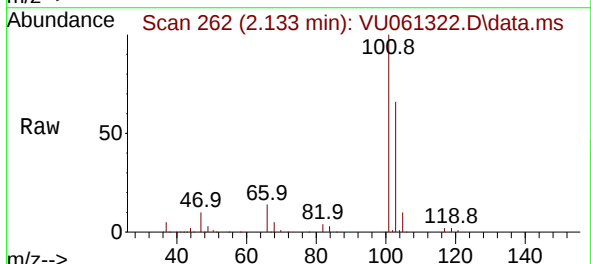
Instrument :
MSVOA_U
ClientSampleId :

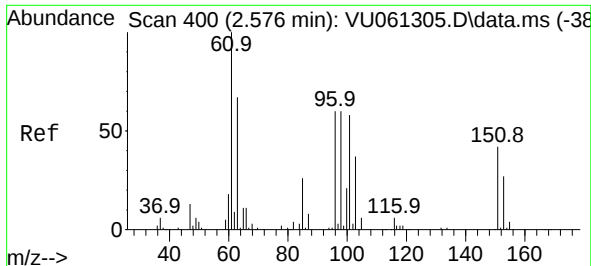
Tgt Ion: 64 Resp: 49303
Ion Ratio Lower Upper
64 100
66 33.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 8.762 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:101 Resp: 159147
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

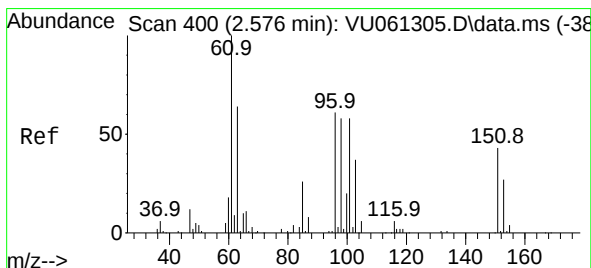
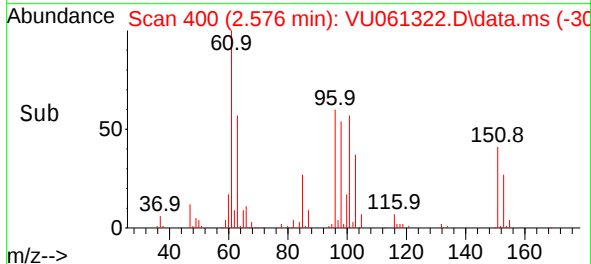
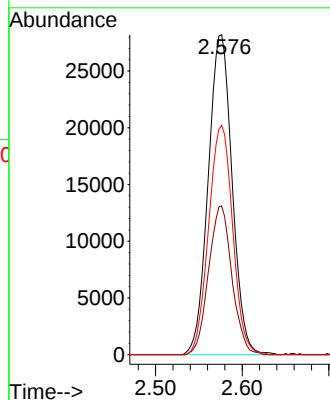
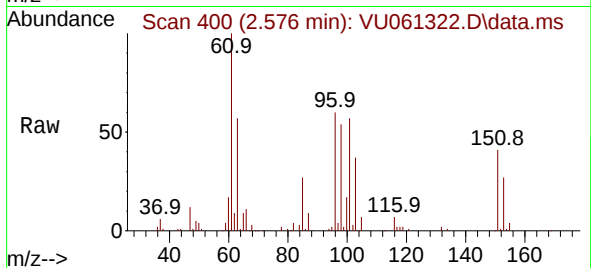




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.019 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

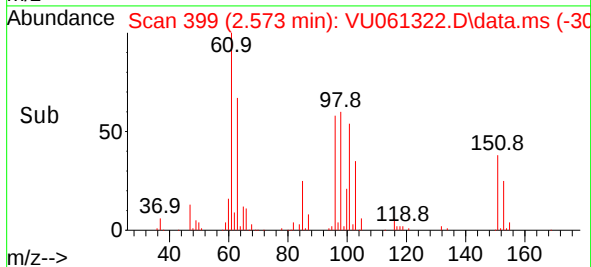
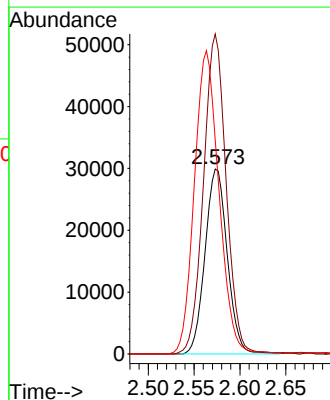
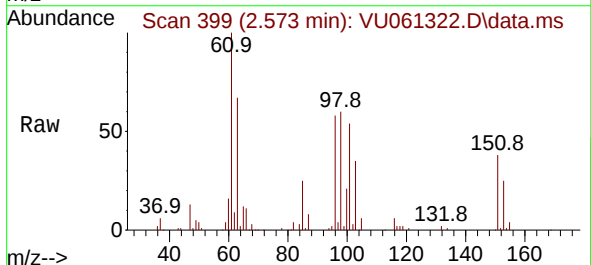
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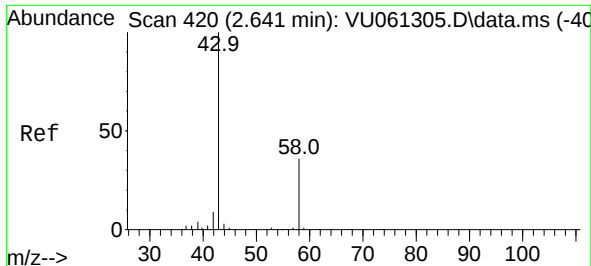
Tgt Ion:101 Resp: 54139
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 72.0 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.919 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 96 Resp: 50314
Ion Ratio Lower Upper
96 100
61 173.0 119.1 221.1
63 115.5 89.4 166.0





#13

Acetone

Concen: 47.604 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

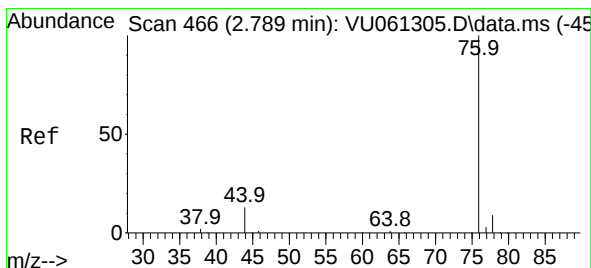
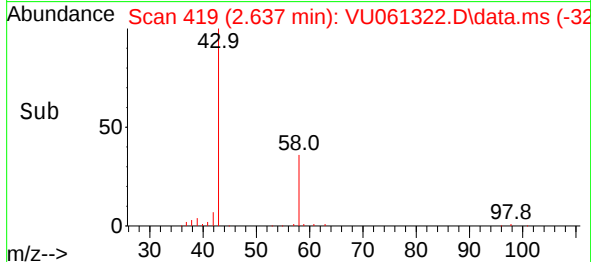
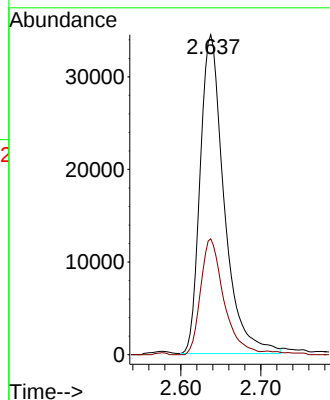
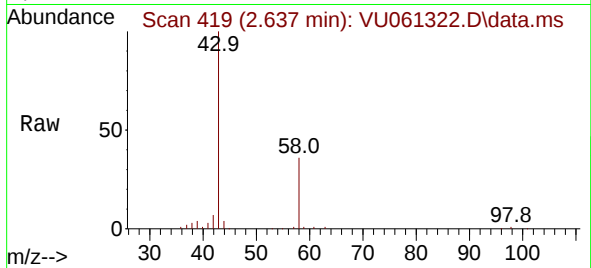
ClientSampleId :

Tgt Ion: 43 Resp: 71948

Ion Ratio Lower Upper

43 100

58 35.0 0.0 73.2



#14

Carbon disulfide

Concen: 4.253 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061322.D

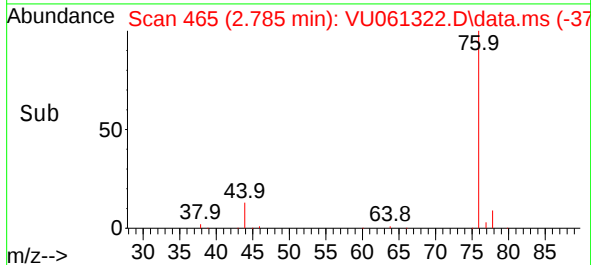
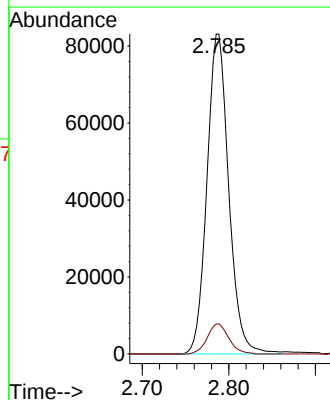
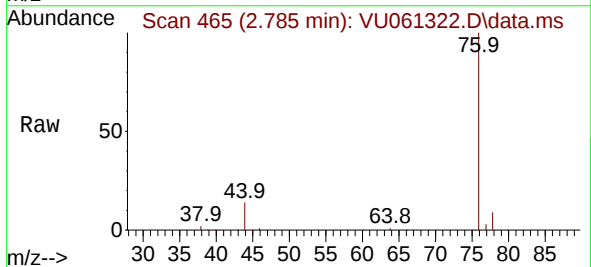
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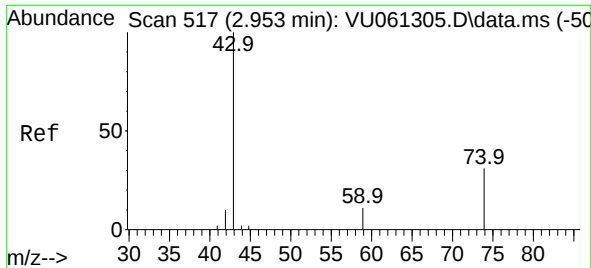
Tgt Ion: 76 Resp: 145160

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

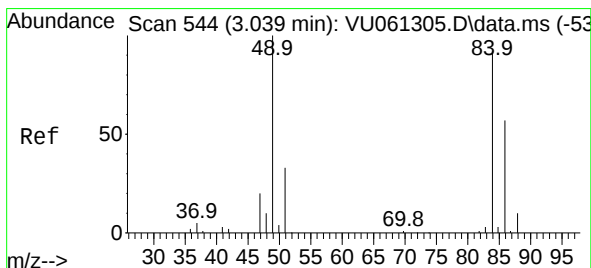
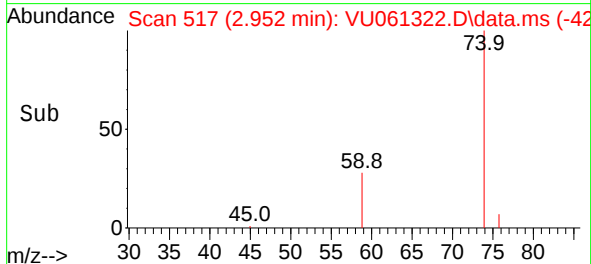
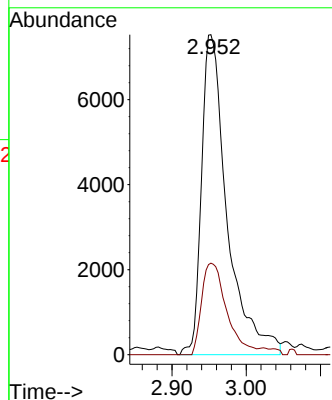
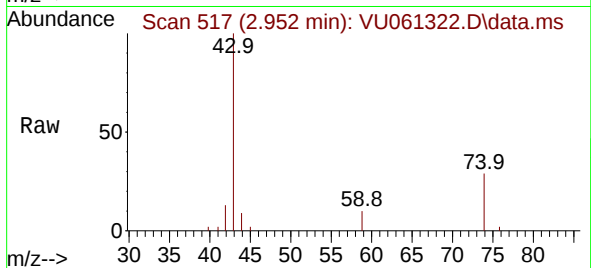




#15
Methyl Acetate
Concen: 4.824 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

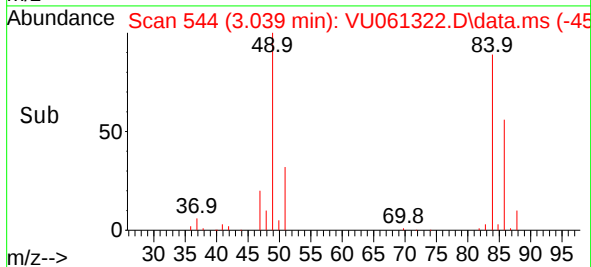
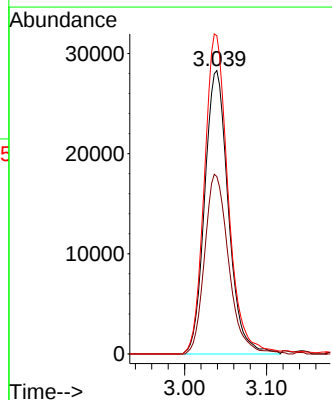
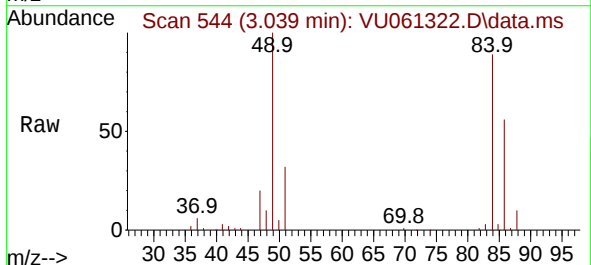
Instrument :
MSVOA_U
ClientSampleId :

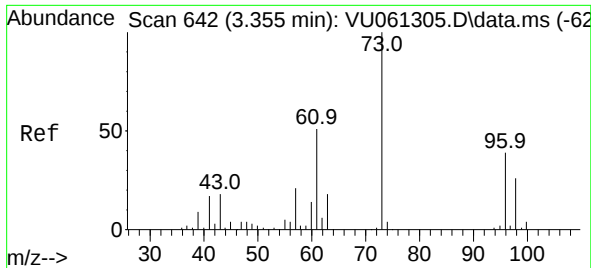
Tgt Ion: 43 Resp: 18055
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4



#16
Methylene chloride
Concen: 4.699 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 84 Resp: 56648
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.7
49 112.4 75.7 140.7

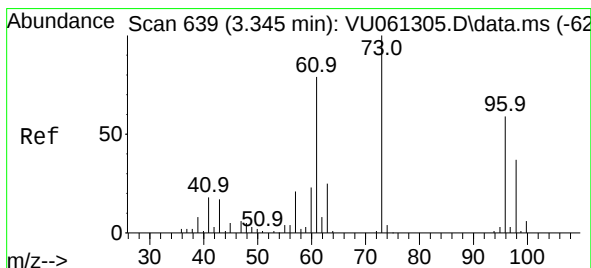
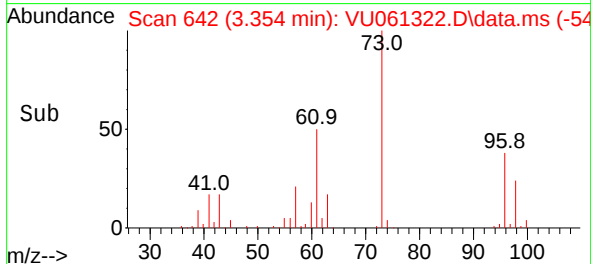
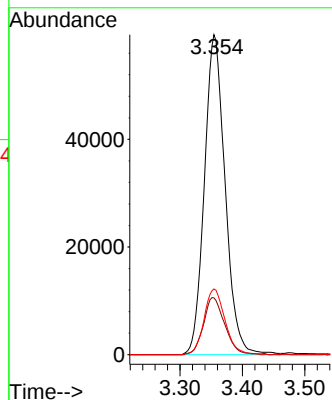
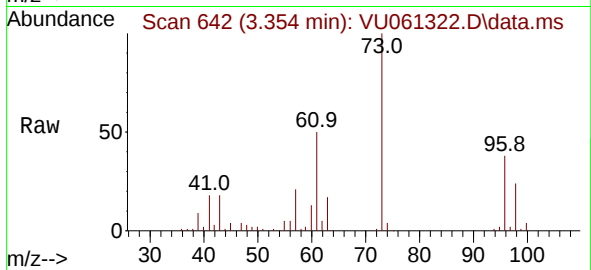




#17
Methyl tert-butyl Ether
Concen: 4.959 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

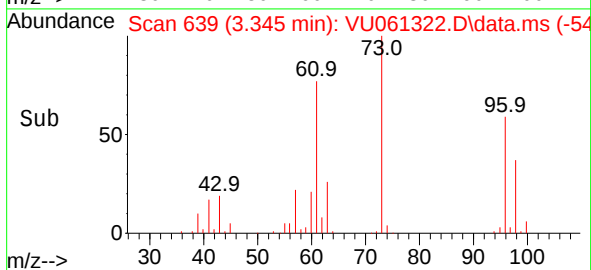
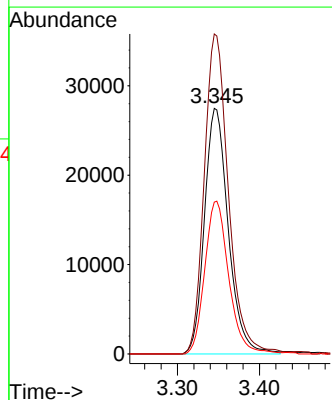
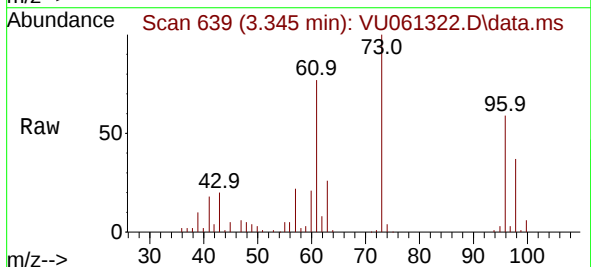
Instrument :
MSVOA_U
ClientSampleId :

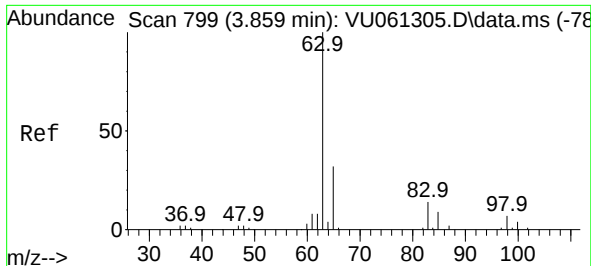
Tgt Ion: 73 Resp: 137492
Ion Ratio Lower Upper
73 100
43 18.3 15.0 22.4
57 20.6 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.911 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

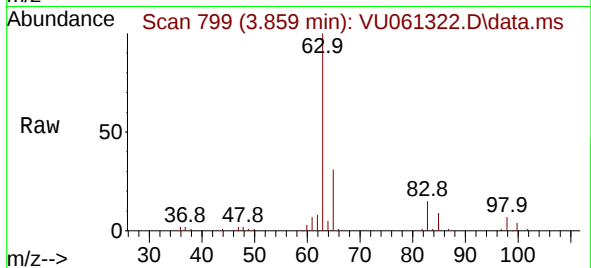
Tgt Ion: 96 Resp: 55547
Ion Ratio Lower Upper
96 100
61 130.3 97.9 181.7
98 61.8 46.2 85.8



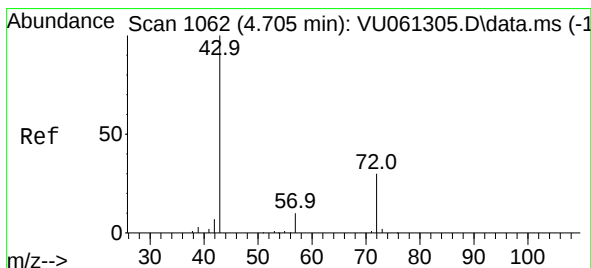
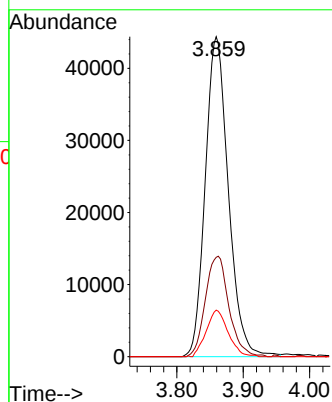
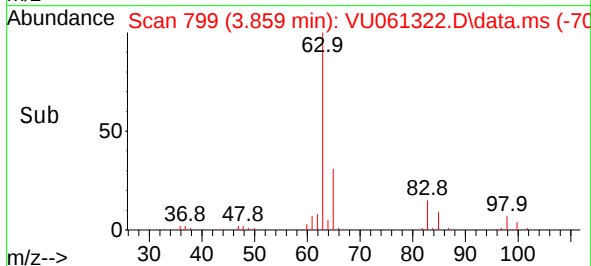


#19
1,1-Dichloroethane
Concen: 5.032 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Instrument :
MSVOA_U
ClientSampleId :

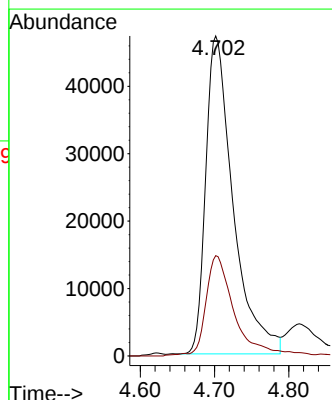
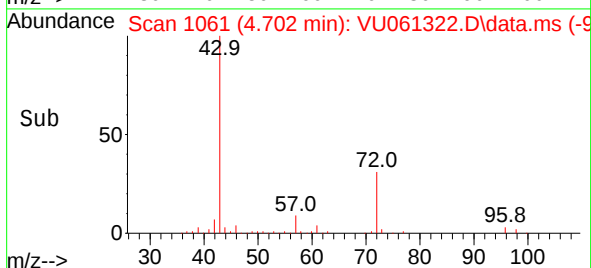
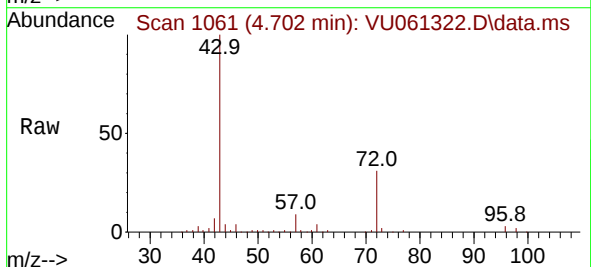


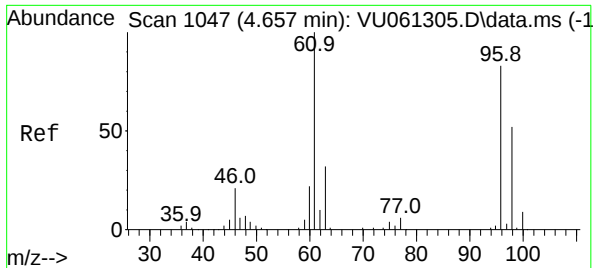
Tgt Ion: 63 Resp: 107360
Ion Ratio Lower Upper
63 100
65 31.0 23.0 42.6
83 14.5 9.7 17.9



#21
2-Butanone
Concen: 50.404 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 43 Resp: 120769
Ion Ratio Lower Upper
43 100
72 33.0 15.9 47.6

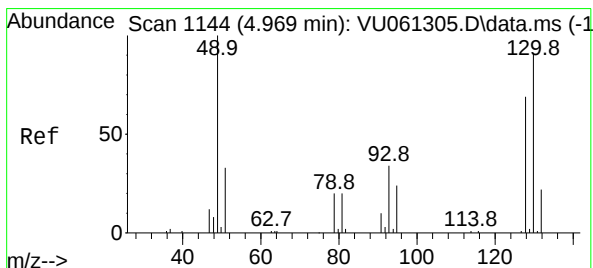
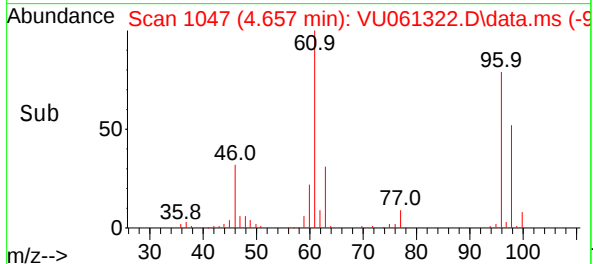
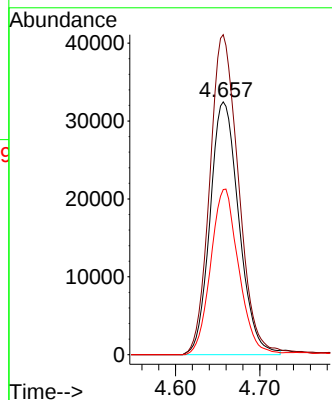
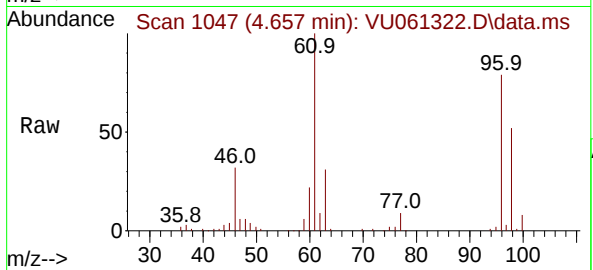




#22
 cis-1,2-Dichloroethene
 Concen: 5.974 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061322.D
 Acq: 31 Oct 2024 19:31

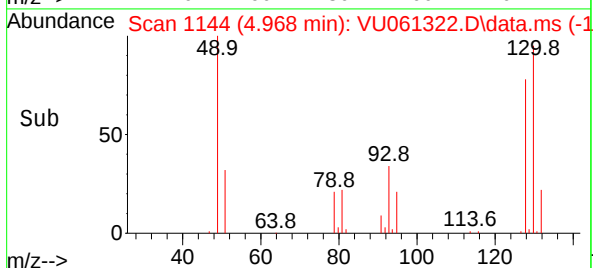
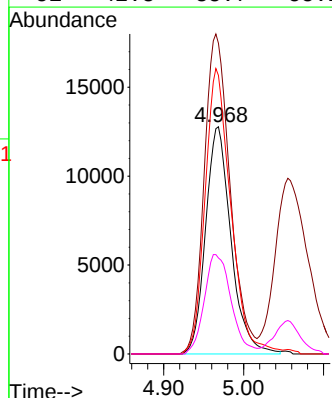
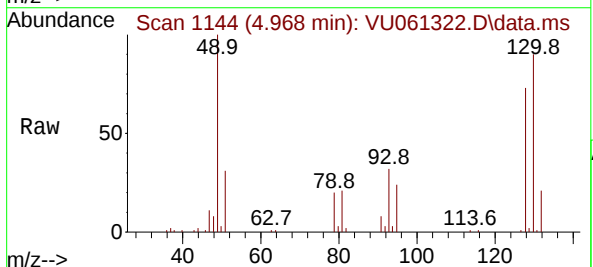
Instrument :
 MSVOA_U
 ClientSampleId :

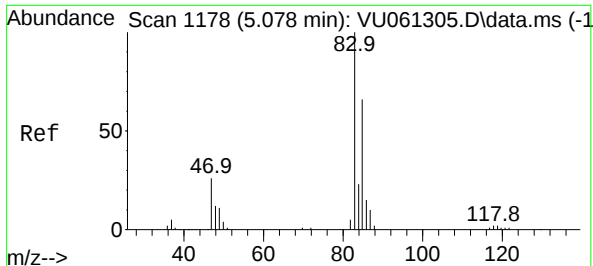
Tgt Ion: 96 Resp: 77182
 Ion Ratio Lower Upper
 96 100
 61 126.6 88.1 163.5
 98 65.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.190 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU061322.D
 Acq: 31 Oct 2024 19:31

Tgt Ion:128 Resp: 28215
 Ion Ratio Lower Upper
 128 100
 49 141.0 105.1 195.1
 130 122.6 89.6 166.4
 51 42.3 38.7 58.1





#25

Chloroform

Concen: 4.981 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

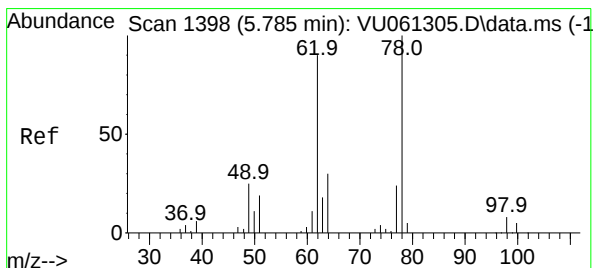
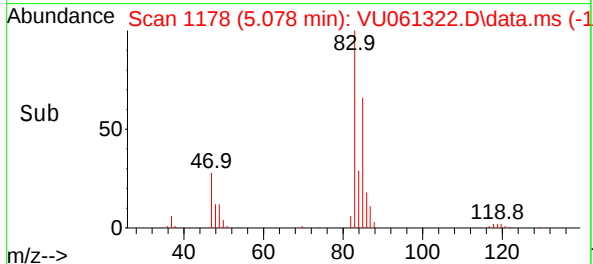
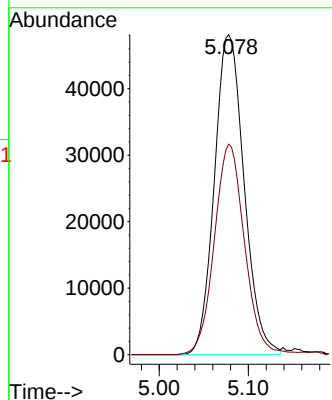
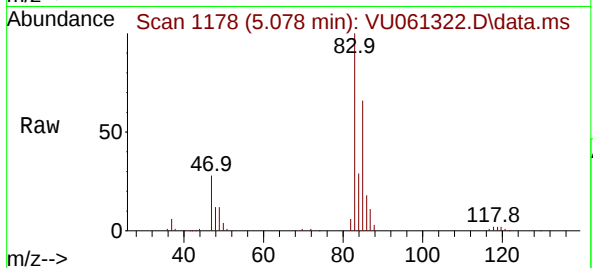
ClientSampleId :

Tgt Ion: 83 Resp: 111726

Ion Ratio Lower Upper

83 100

85 65.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.918 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061322.D

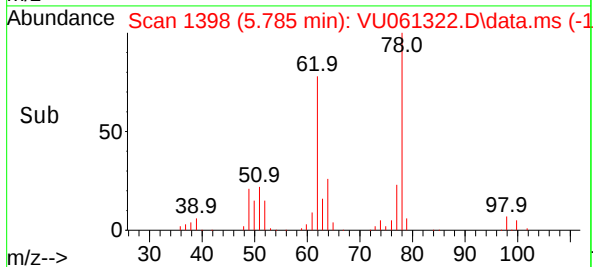
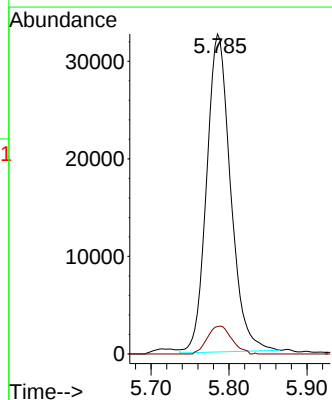
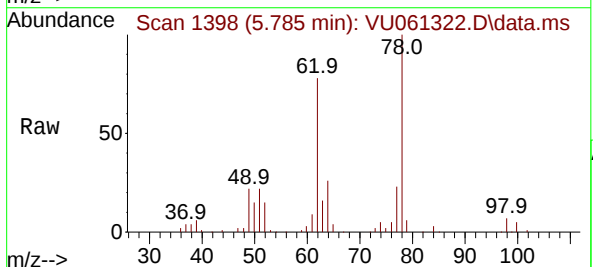
Acq: 31 Oct 2024 19:31

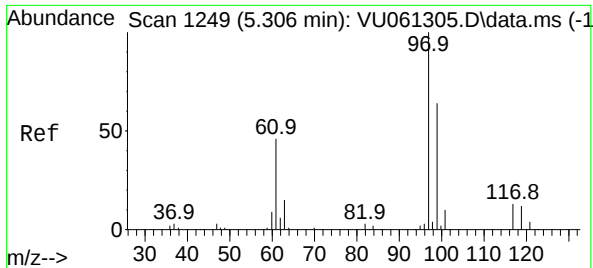
Tgt Ion: 62 Resp: 69707

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0

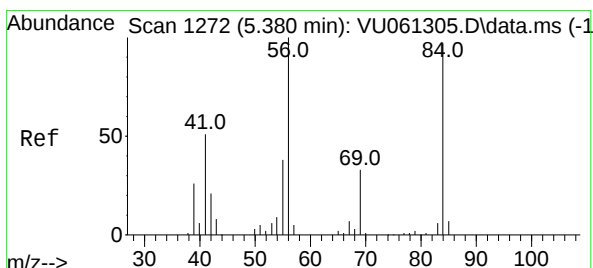
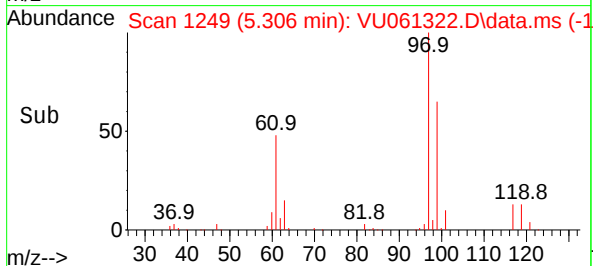
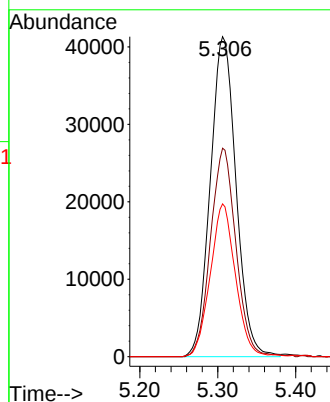
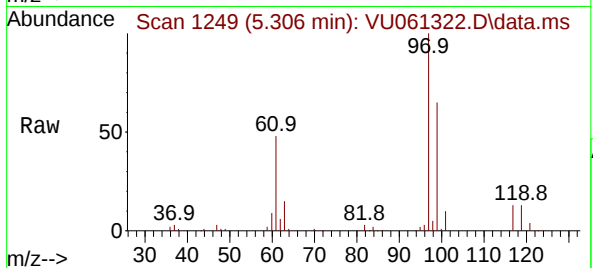




#29
1,1,1-Trichloroethane
Concen: 4.829 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

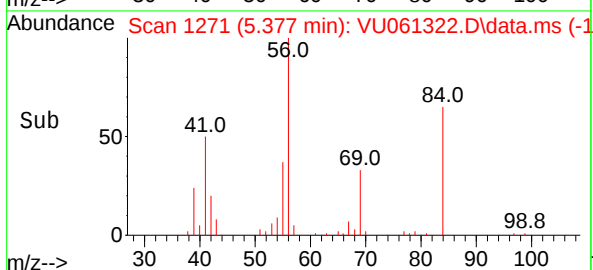
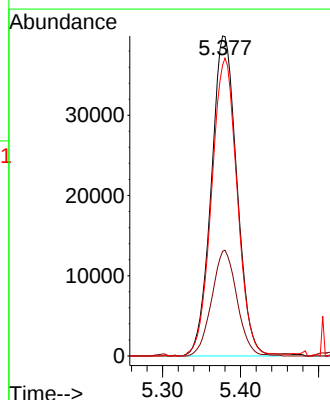
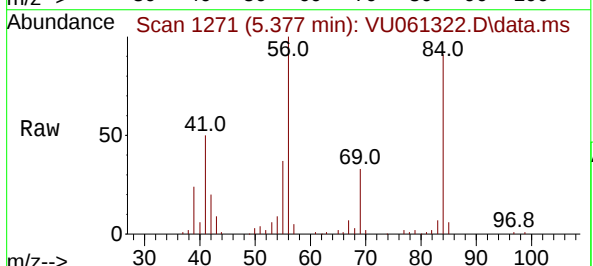
Instrument :
MSVOA_U
ClientSampleId :

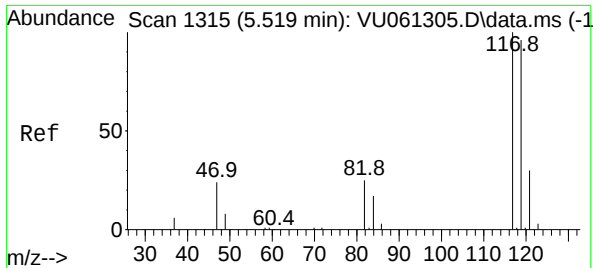
Tgt Ion:	97	Resp:	94893
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	46.5	36.1	54.1



#30
Cyclohexane
Concen: 4.618 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:	56	Resp:	91021
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.8	38.6
84	93.3	73.9	110.9

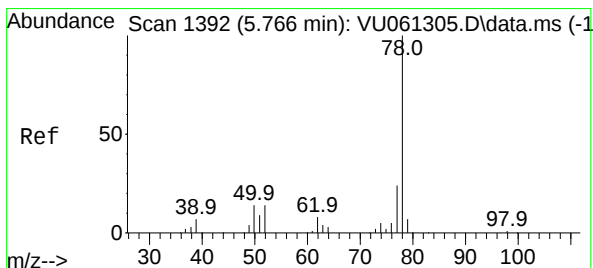
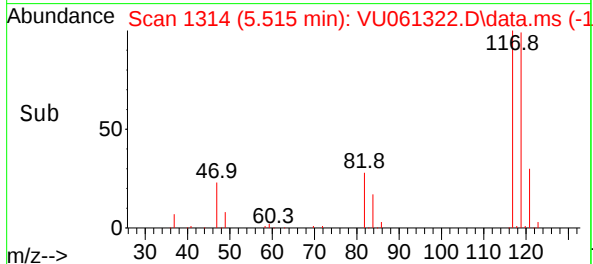
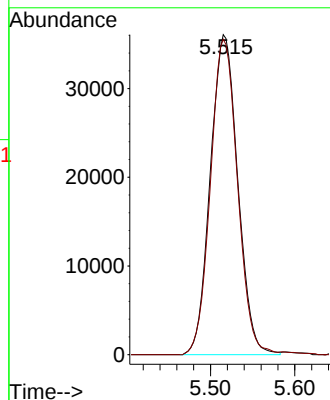
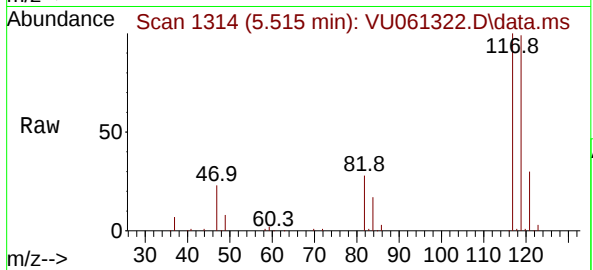




#31
Carbon tetrachloride
Concen: 4.851 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

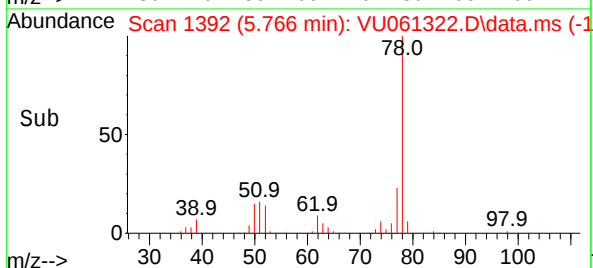
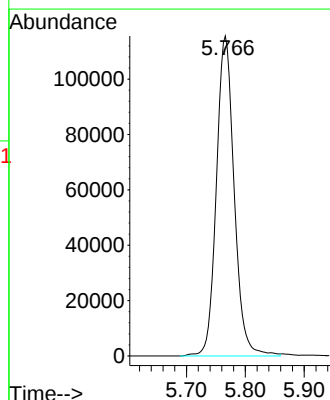
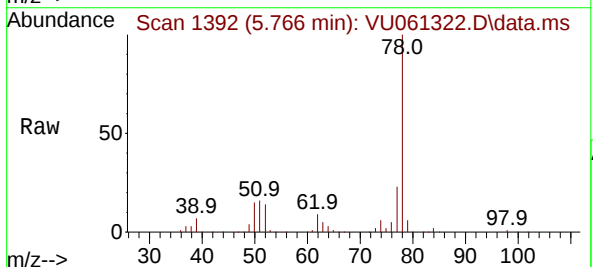
Instrument :
MSVOA_U
ClientSampleId :

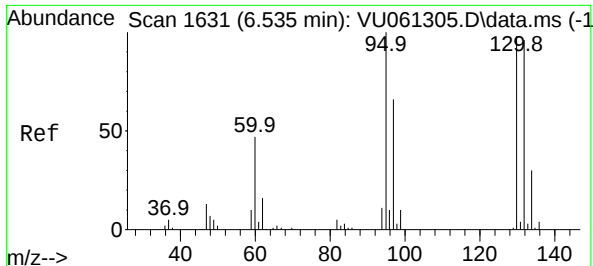
Tgt Ion:117 Resp: 81561
Ion Ratio Lower Upper
117 100
119 97.0 75.5 113.3



#33
Benzene
Concen: 4.896 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 78 Resp: 242965

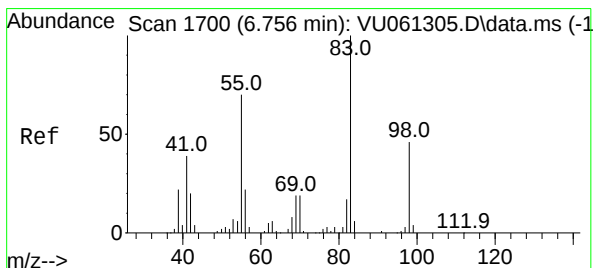
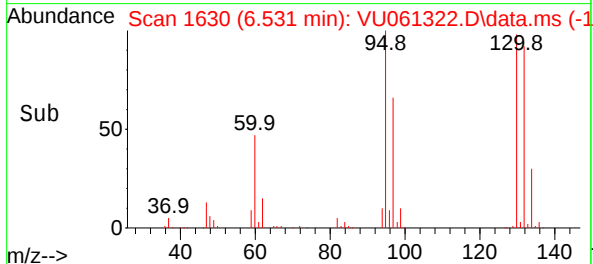
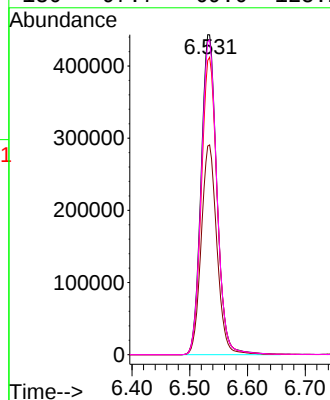
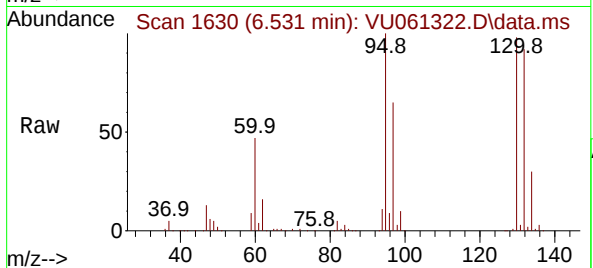




#34
Trichloroethene
Concen: 62.556 ug/L
RT: 6.531 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

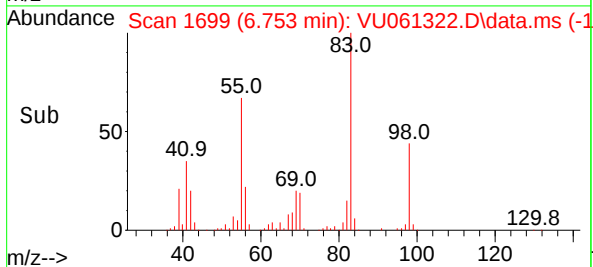
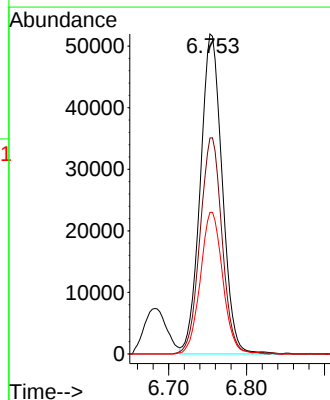
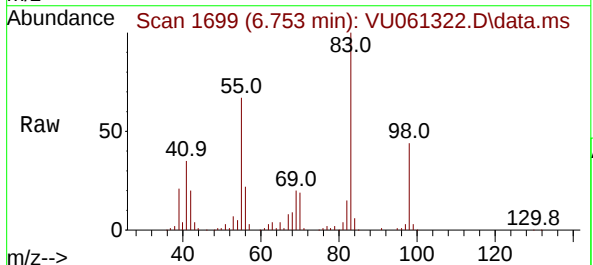
Instrument :
MSVOA_U
ClientSampleId :

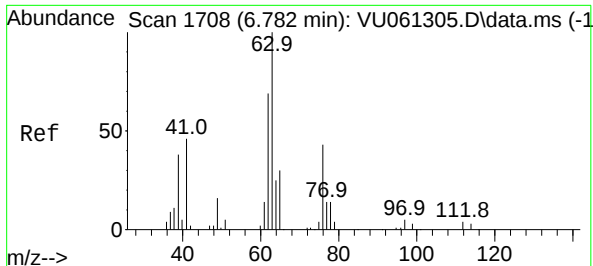
Tgt Ion: 95 Resp: 844502
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.7
132 92.0 66.1 122.7
130 97.7 69.0 128.2



#35
Methylcyclohexane
Concen: 4.728 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 83 Resp: 101581
Ion Ratio Lower Upper
83 100
55 67.7 55.9 83.9
98 45.0 35.9 53.9

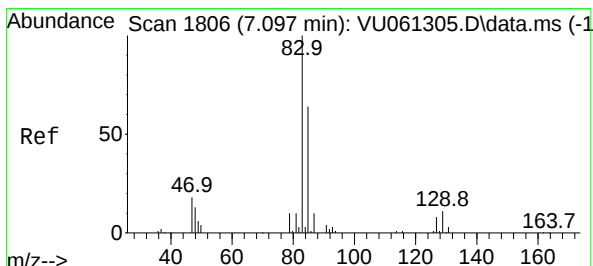
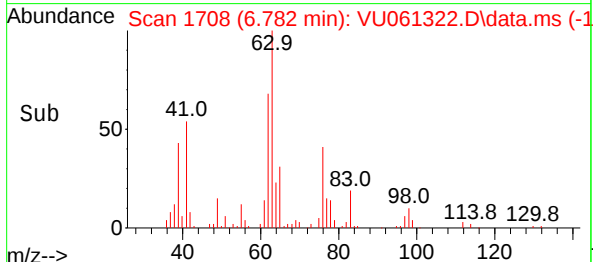
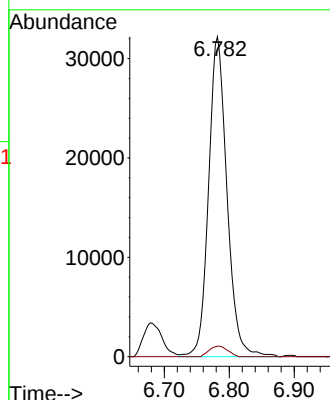
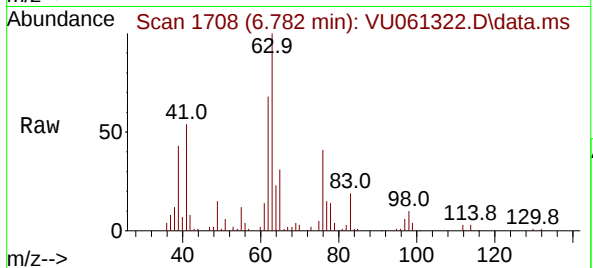




#37
1,2-Dichloropropane
Concen: 5.037 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

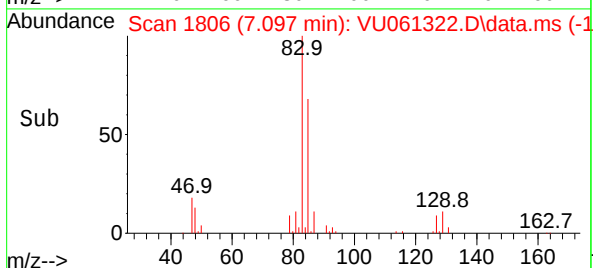
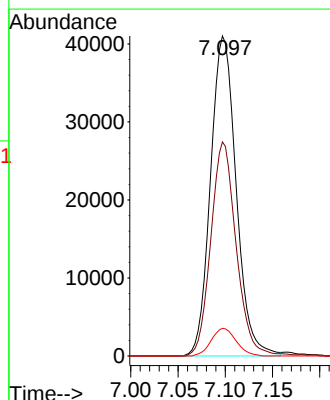
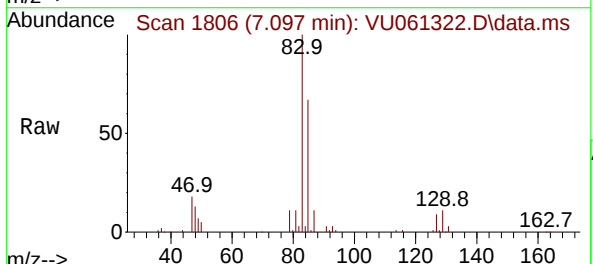
Instrument :
MSVOA_U
ClientSampleId :

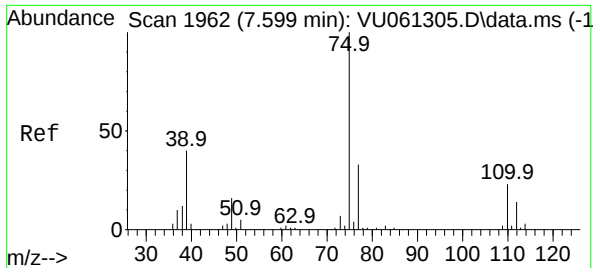
Tgt Ion: 63 Resp: 63360
Ion Ratio Lower Upper
63 100
112 3.3 3.0 4.4



#38
Bromodichloromethane
Concen: 4.861 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion: 83 Resp: 77386
Ion Ratio Lower Upper
83 100
85 66.9 43.8 81.4
127 8.6 7.4 11.0

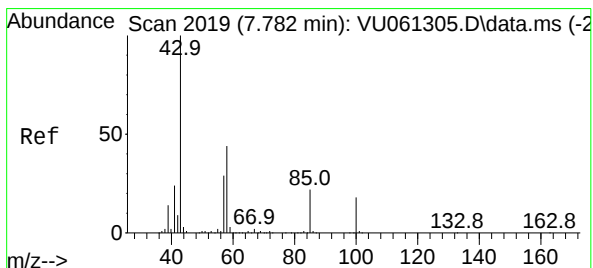
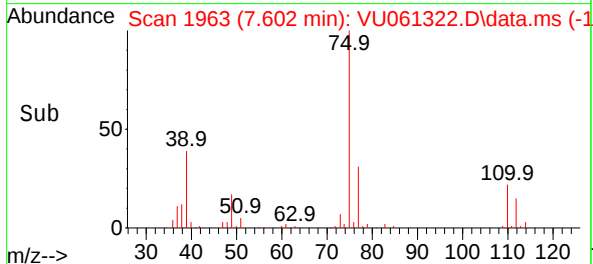
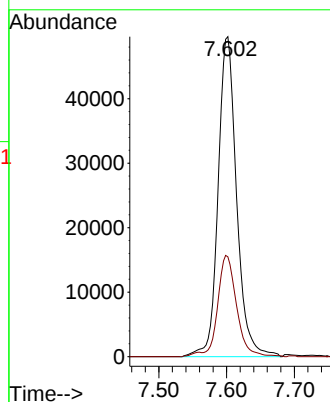
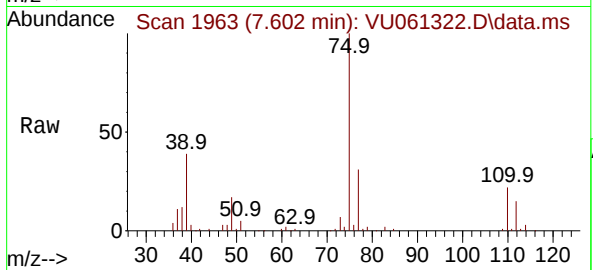




#39
 cis-1,3-Dichloropropene
 Concen: 4.850 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061322.D
 Acq: 31 Oct 2024 19:31

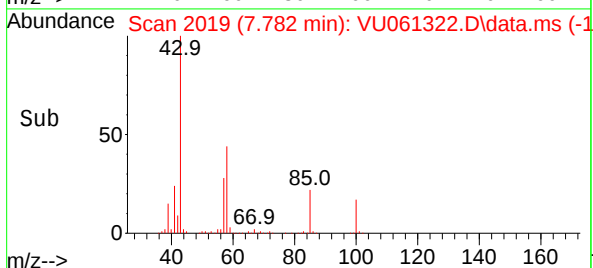
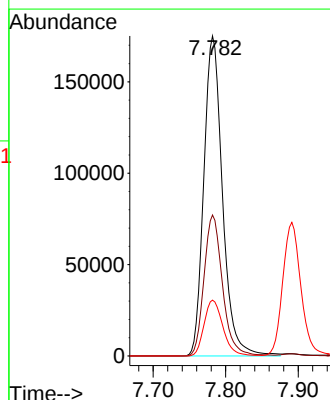
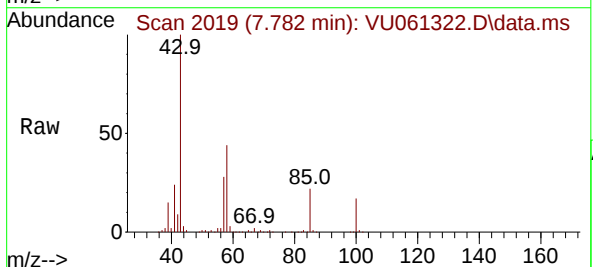
Instrument :
 MSVOA_U
 ClientSampleId :

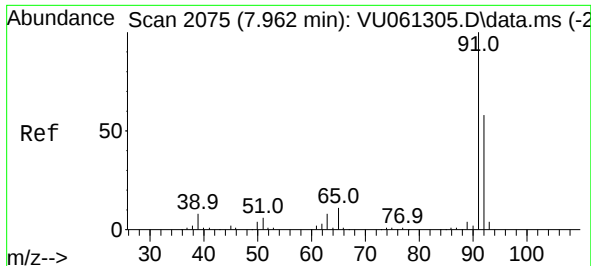
Tgt Ion: 75 Resp: 94223
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.149 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061322.D
 Acq: 31 Oct 2024 19:31

Tgt Ion: 43 Resp: 313967
 Ion Ratio Lower Upper
 43 100
 58 43.6 35.1 52.7
 100 17.6 14.0 21.0





#42

Toluene

Concen: 4.937 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

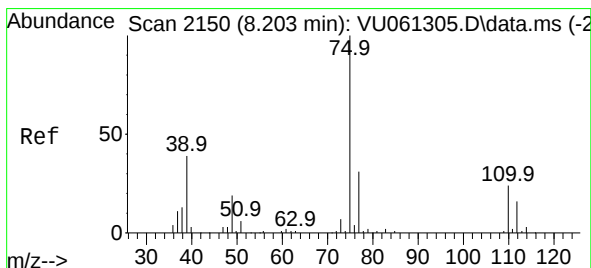
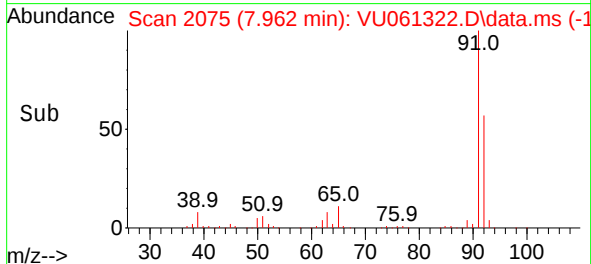
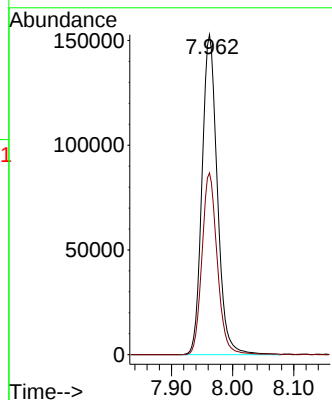
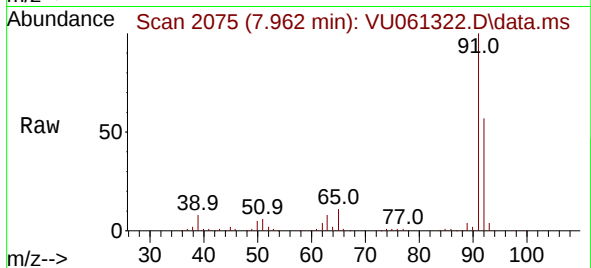
ClientSampleId :

Tgt Ion: 91 Resp: 266081

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.761 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061322.D

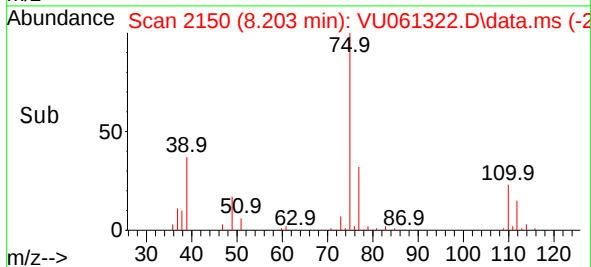
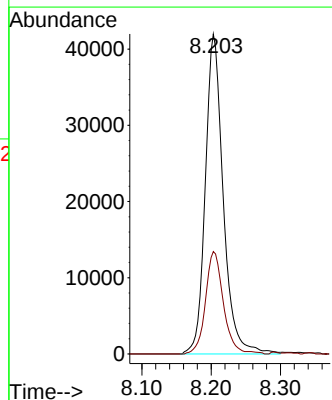
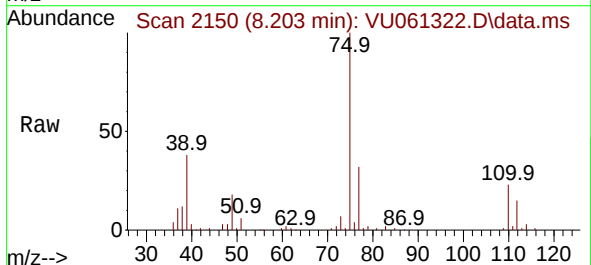
Acq: 31 Oct 2024 19:31

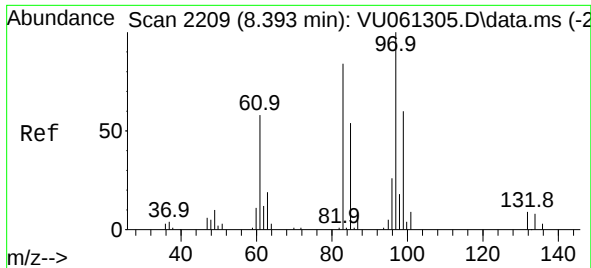
Tgt Ion: 75 Resp: 75370

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8

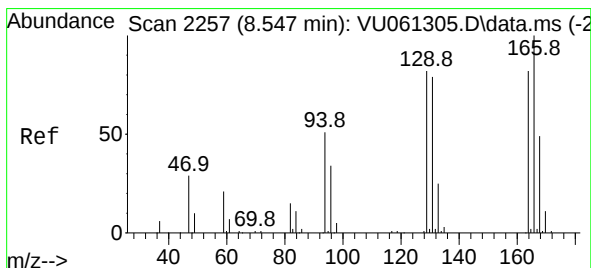
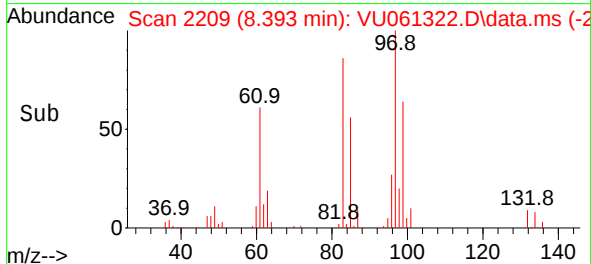
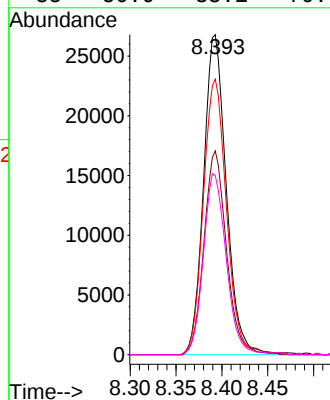
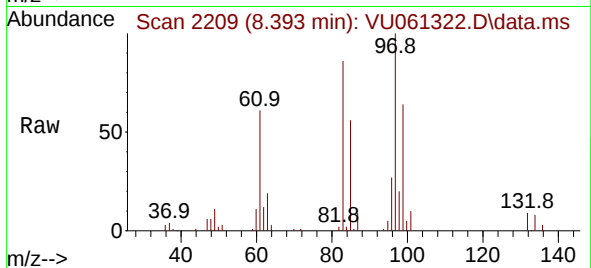




#45
1,1,2-Trichloroethane
Concen: 5.086 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

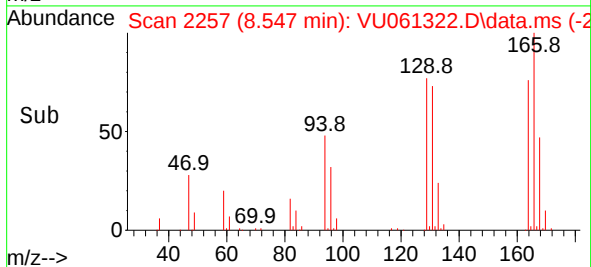
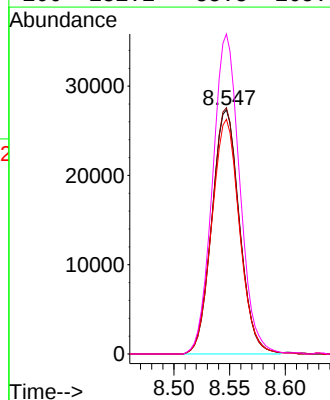
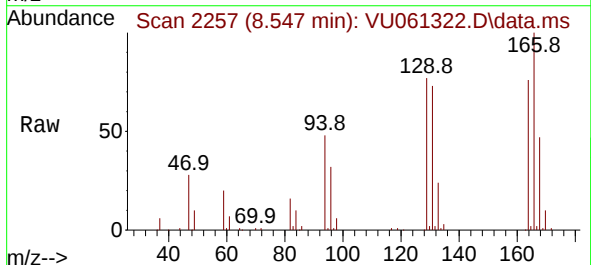
Instrument :
MSVOA_U
ClientSampleId :

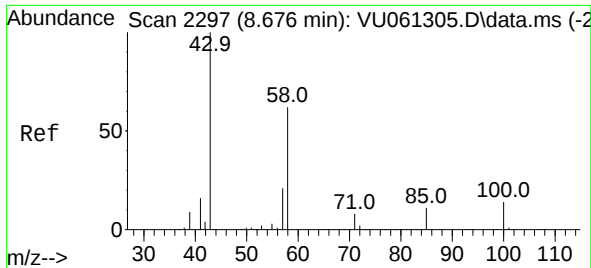
Tgt Ion:	97	Resp:	46044
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.1	81.9
83	86.1	61.2	113.6
85	56.0	38.1	70.7



#47
Tetrachloroethene
Concen: 4.990 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:	164	Resp:	47051
Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.9	129.7
131	96.1	68.3	126.8
166	131.1	88.8	165.0

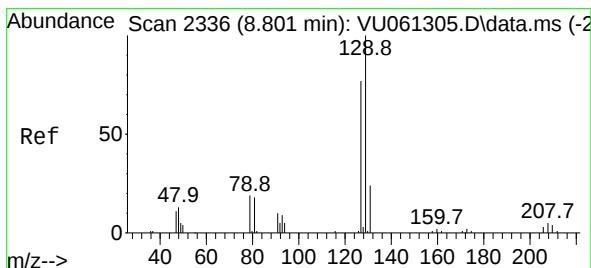
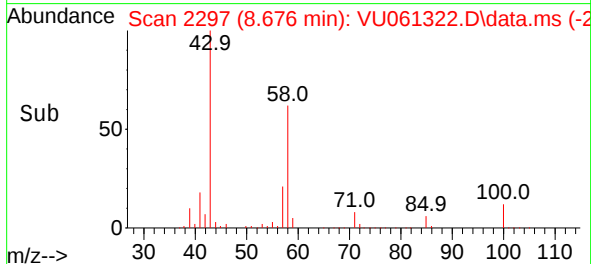
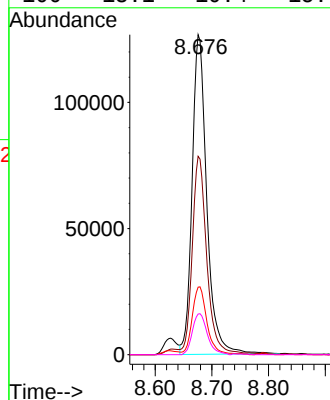
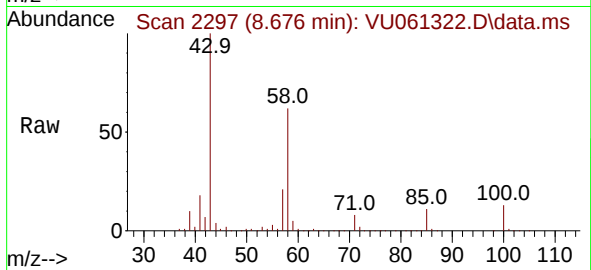




#48
2-Hexanone
Concen: 51.383 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

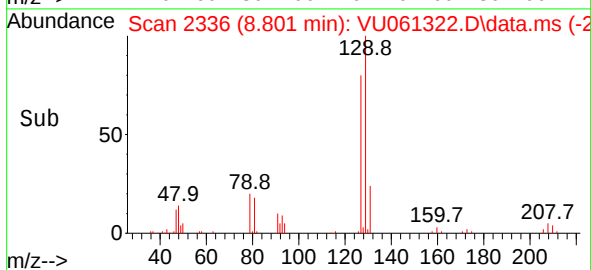
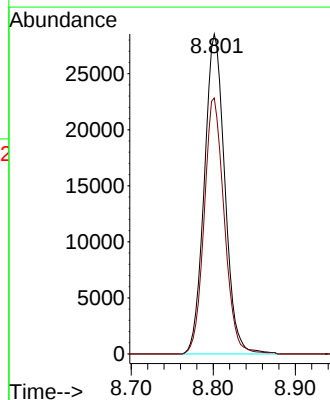
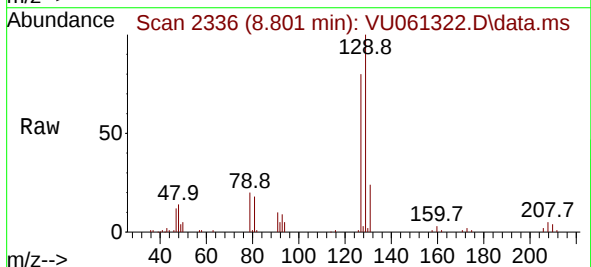
Instrument :
MSVOA_U
ClientSampleId :

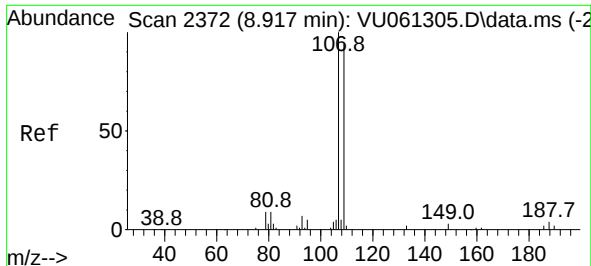
Tgt Ion:	43	Resp:	227484
Ion	Ratio	Lower	Upper
43	100		
58	60.2	48.6	72.8
57	21.5	17.0	25.6
100	13.1	10.4	15.6



#49
Dibromochloromethane
Concen: 4.825 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:	129	Resp:	49541
Ion	Ratio	Lower	Upper
129	100		
127	80.0	51.8	96.2

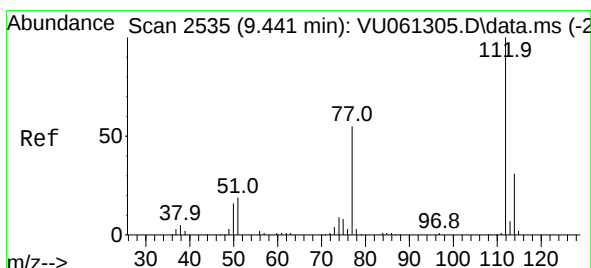
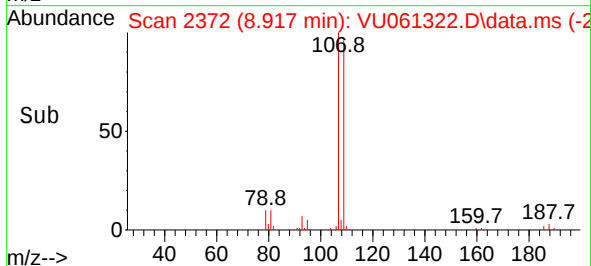
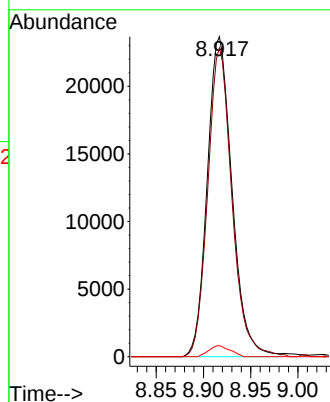
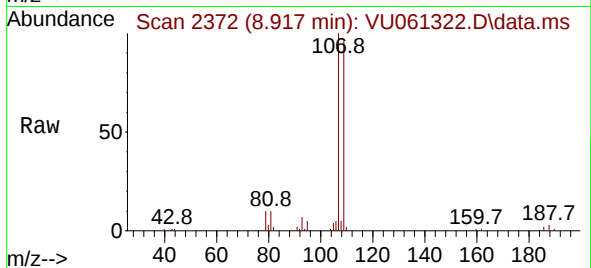




#50
1,2-Dibromoethane
Concen: 4.897 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

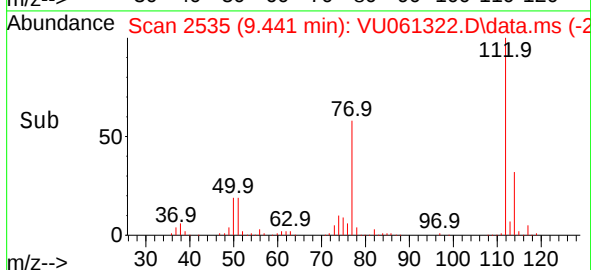
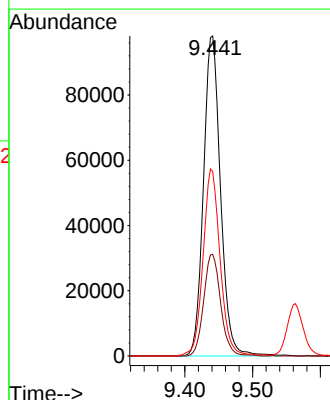
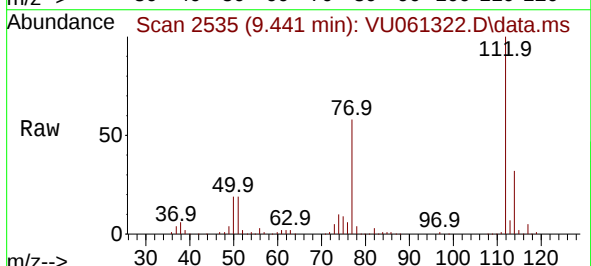
Instrument :
MSVOA_U
ClientSampleId :

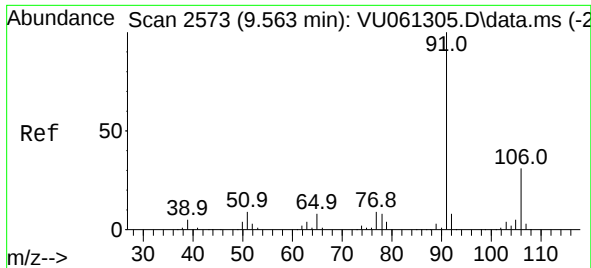
Tgt Ion:107 Resp: 43067
Ion Ratio Lower Upper
107 100
109 96.5 63.4 117.8
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 5.032 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:112 Resp: 171412
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 57.6 47.1 70.7

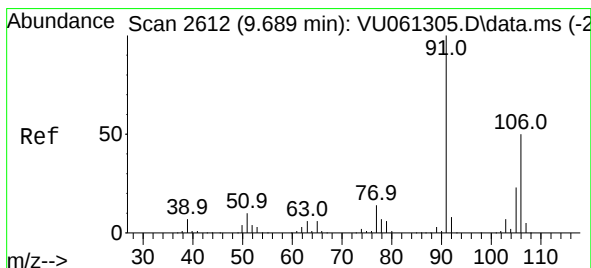
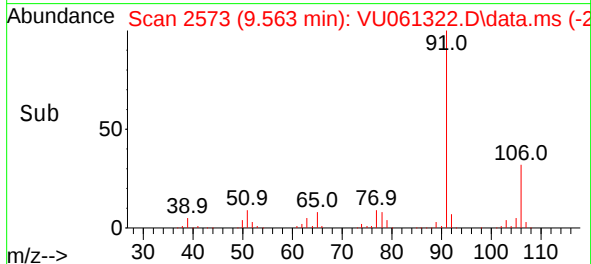
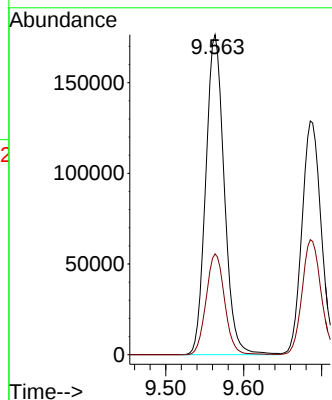
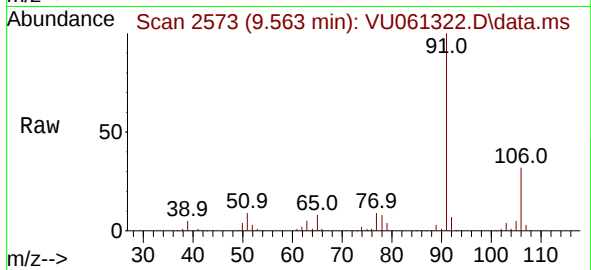




#52
Ethylbenzene
Concen: 4.914 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

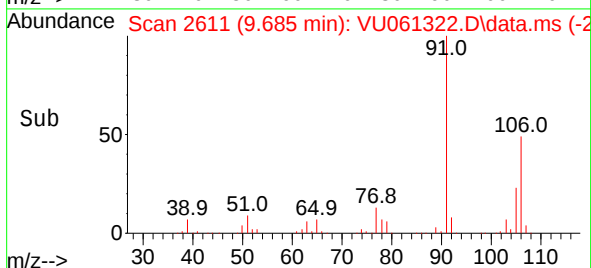
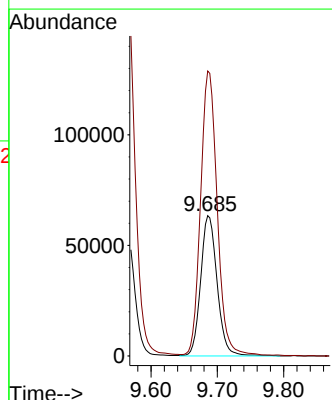
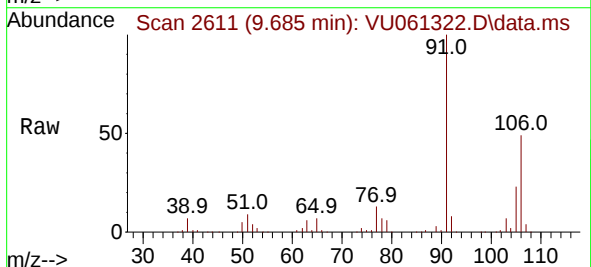
Instrument :
MSVOA_U
ClientSampleId :

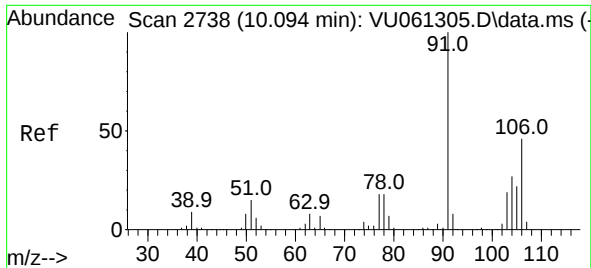
Tgt Ion: 91 Resp: 291336
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 4.853 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:106 Resp: 109602
Ion Ratio Lower Upper
106 100
91 203.1 145.7 270.7

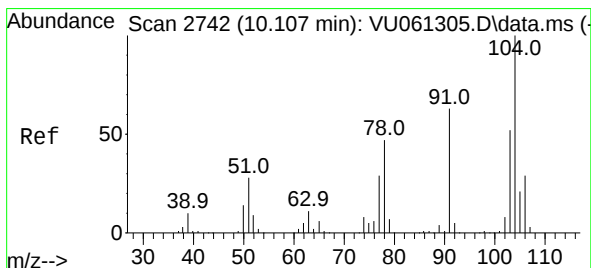
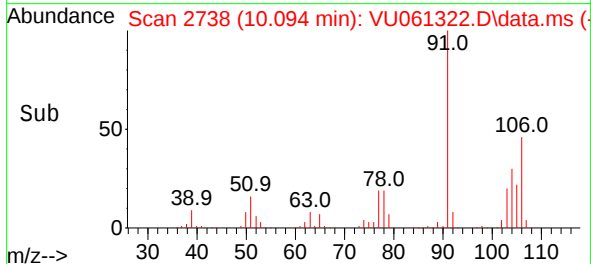
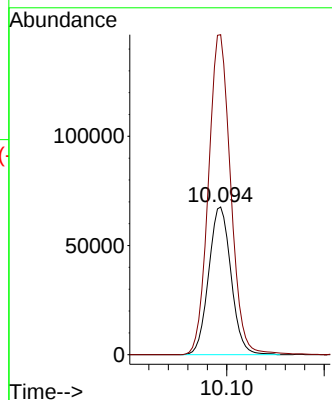
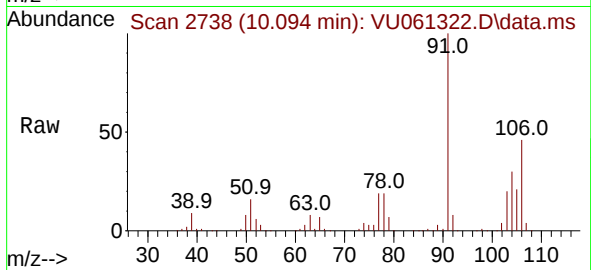




#54
o-Xylene
Concen: 4.830 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

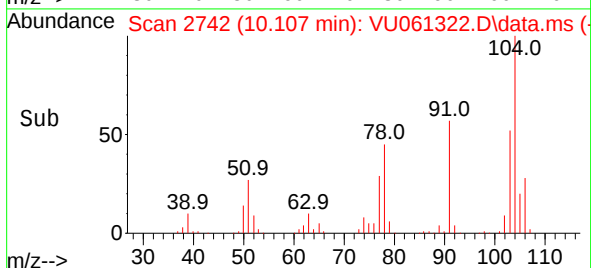
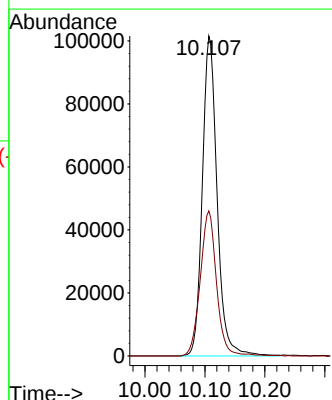
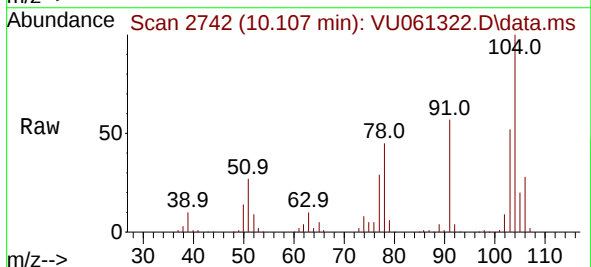
Instrument :
MSVOA_U
ClientSampleId :

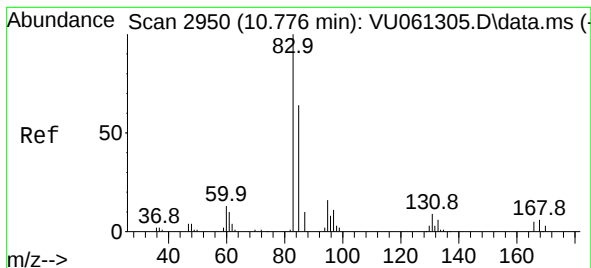
Tgt Ion:106 Resp: 107660
Ion Ratio Lower Upper
106 100
91 216.7 148.8 276.4



#55
Styrene
Concen: 4.876 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:104 Resp: 174222
Ion Ratio Lower Upper
104 100
78 45.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.072 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

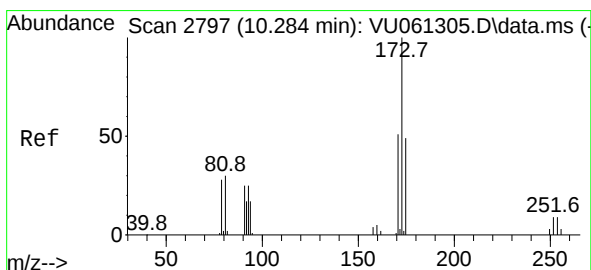
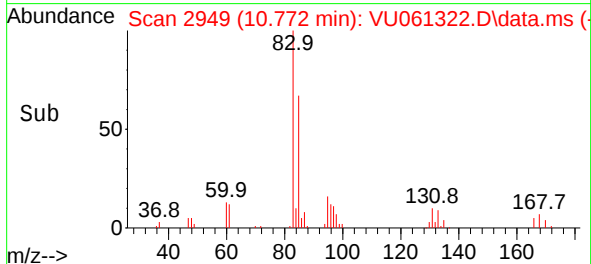
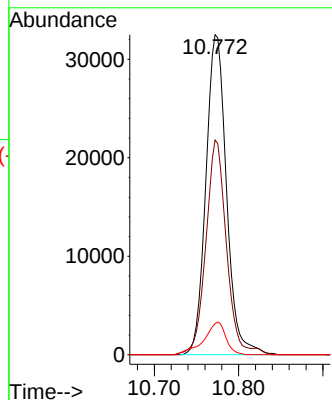
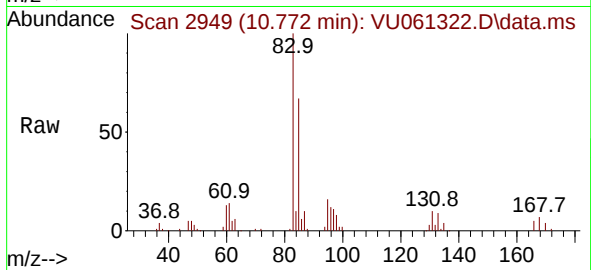
Tgt Ion: 83 Resp: 55327

Ion Ratio Lower Upper

83 100

85 67.1 45.3 84.1

131 9.7 7.6 11.4



#59

Bromoform

Concen: 4.585 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

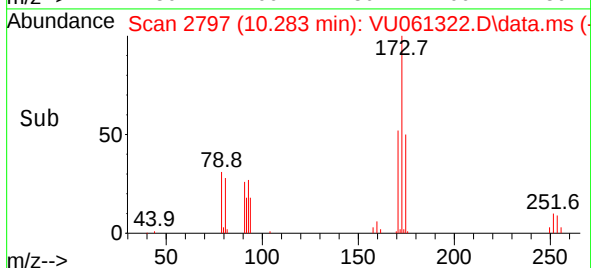
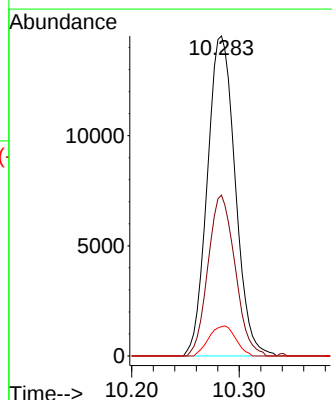
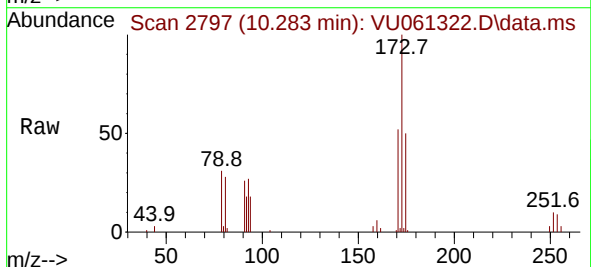
Tgt Ion:173 Resp: 26136

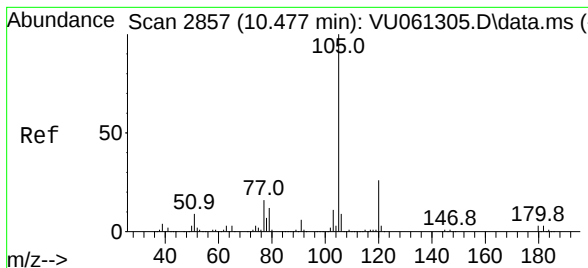
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 9.0 6.8 10.2





#60

Isopropylbenzene

Concen: 4.857 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

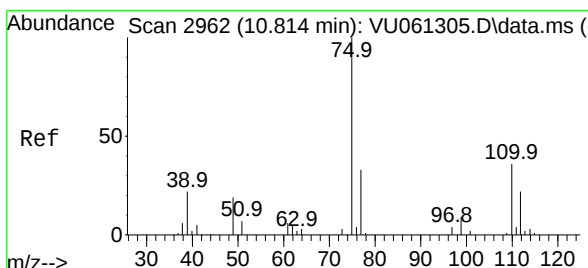
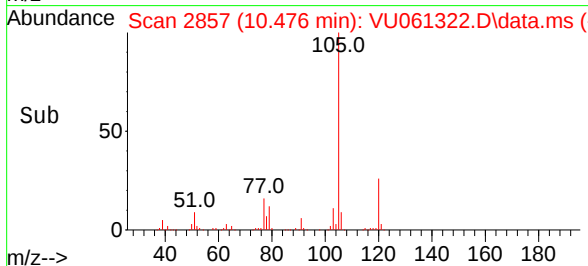
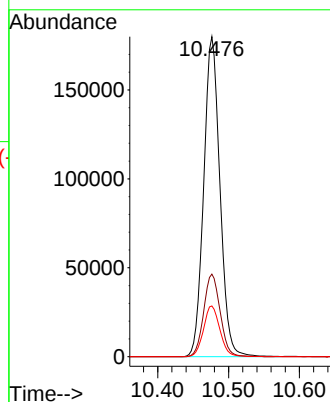
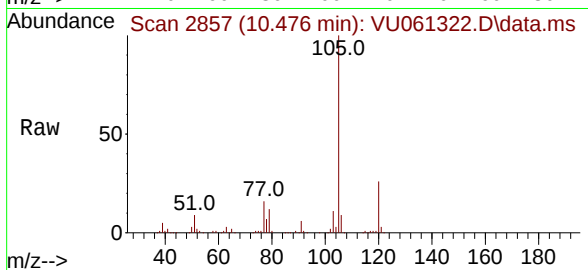
Tgt Ion:105 Resp: 285747

Ion Ratio Lower Upper

105 100

120 26.2 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.956 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

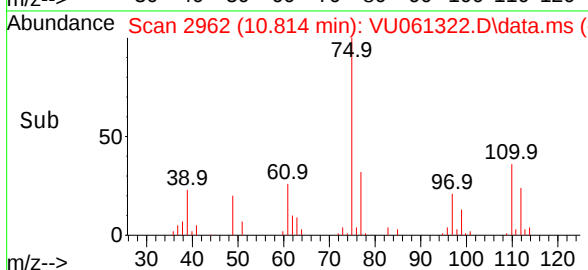
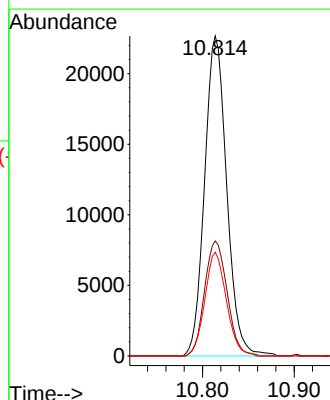
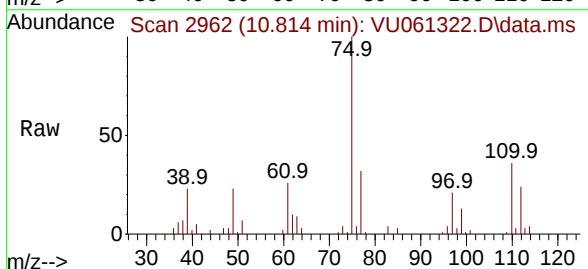
Tgt Ion: 75 Resp: 38024

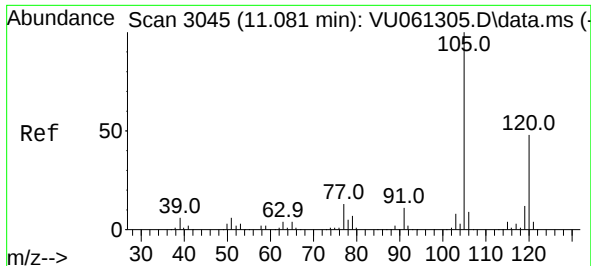
Ion Ratio Lower Upper

75 100

110 36.6 28.8 43.2

77 31.7 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.753 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061322.D

Acq: 31 Oct 2024 19:31

Instrument :

MSVOA_U

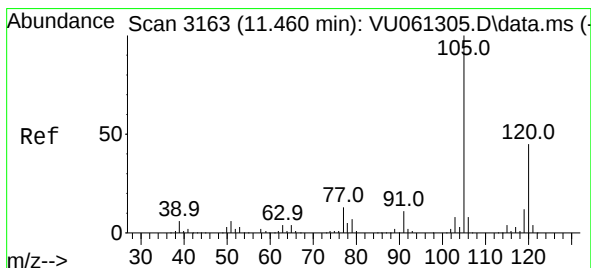
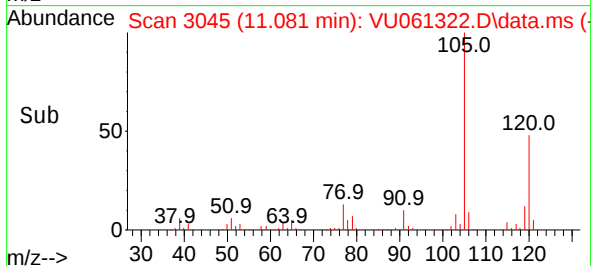
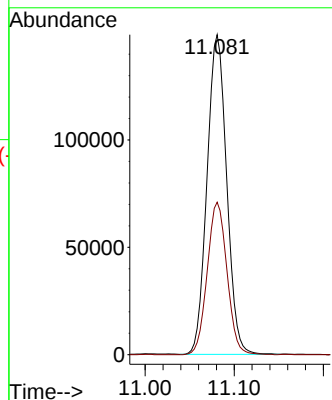
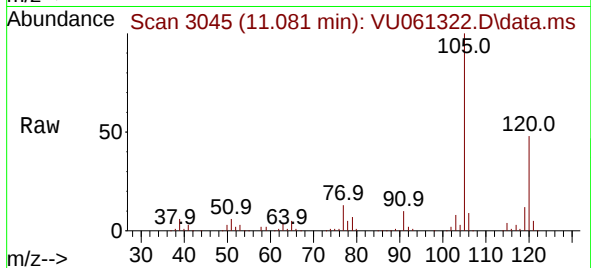
ClientSampleId :

Tgt Ion:105 Resp: 227670

Ion Ratio Lower Upper

105 100

120 47.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.704 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061322.D

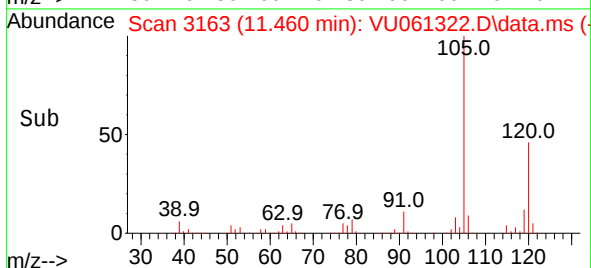
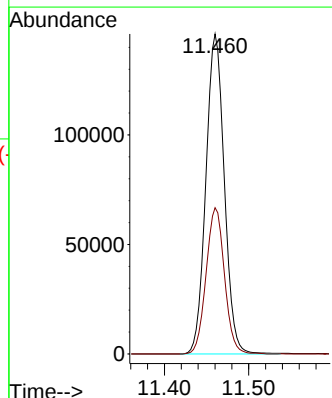
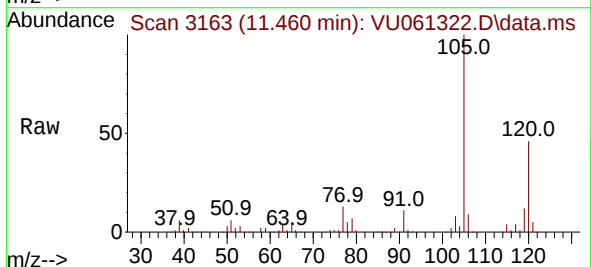
Acq: 31 Oct 2024 19:31

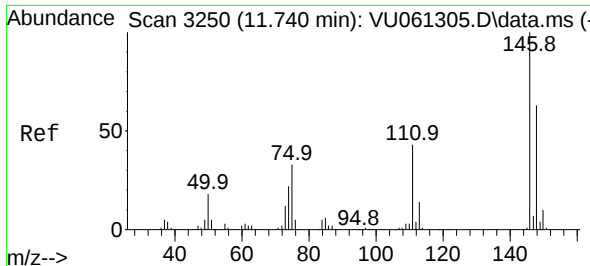
Tgt Ion:105 Resp: 222724

Ion Ratio Lower Upper

105 100

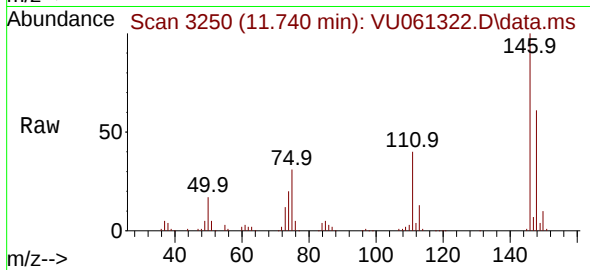
120 45.6 35.4 53.0



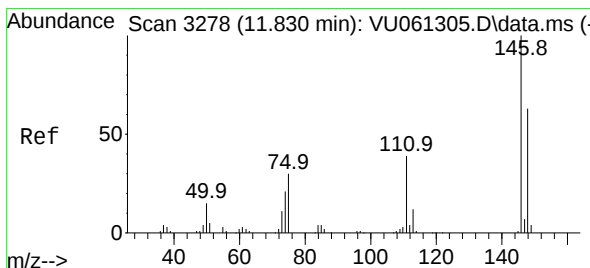
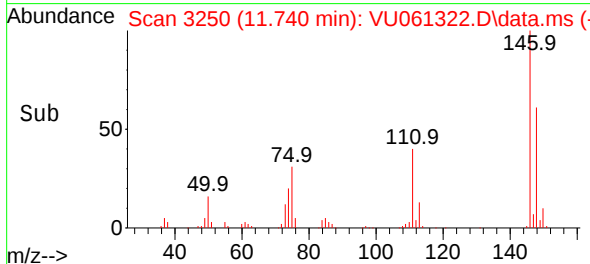
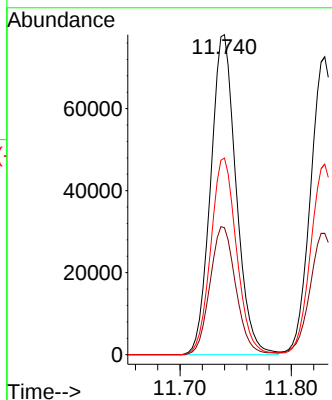


#64
1,3-Dichlorobenzene
Concen: 5.008 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Instrument :
MSVOA_U
ClientSampleId :

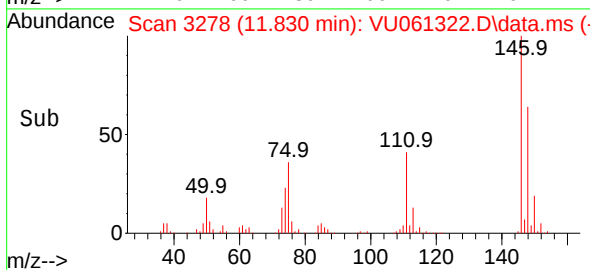
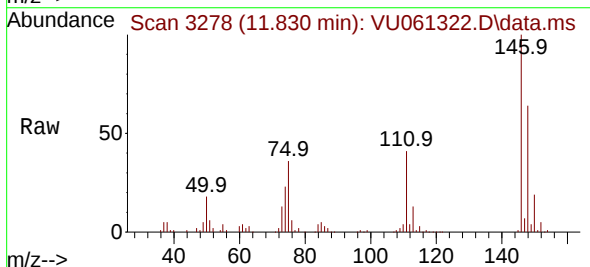
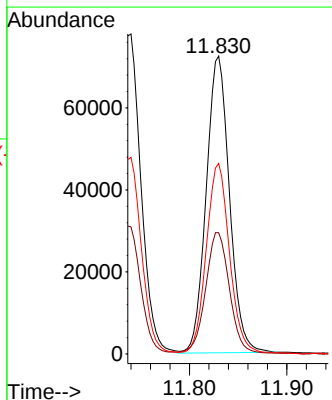


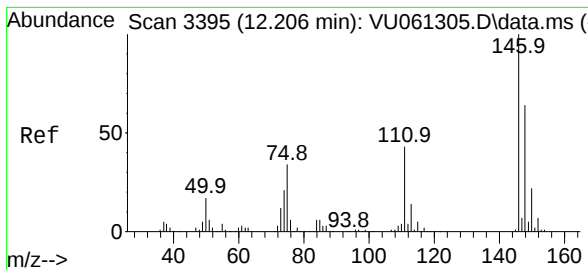
Tgt Ion:146 Resp: 124005
Ion Ratio Lower Upper
146 100
111 39.7 30.0 55.8
148 61.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.750 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Tgt Ion:146 Resp: 119910
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 64.0 43.3 80.3

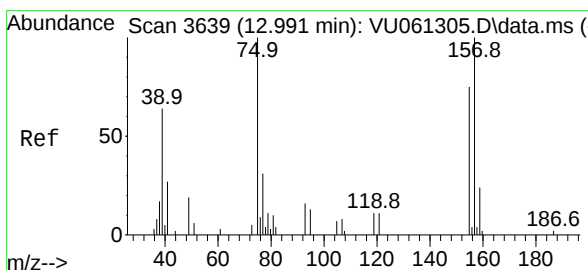
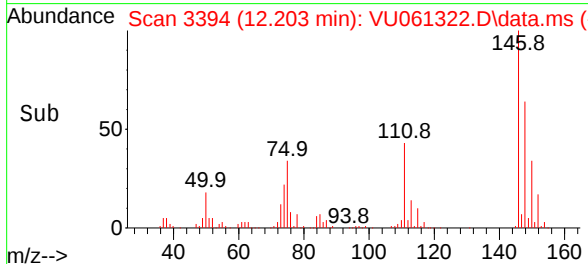
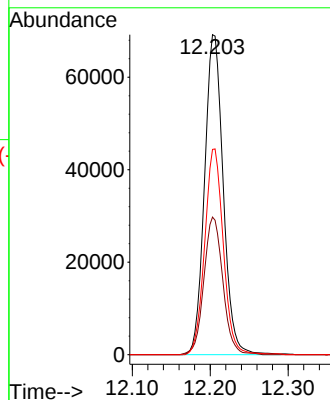
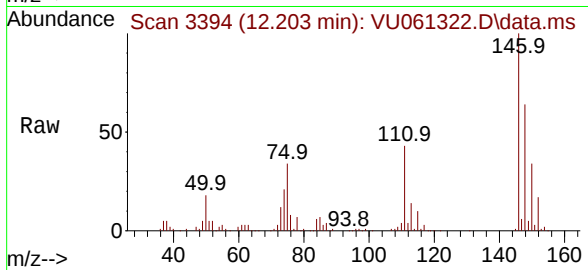




#67
1,2-Dichlorobenzene
Concen: 4.935 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

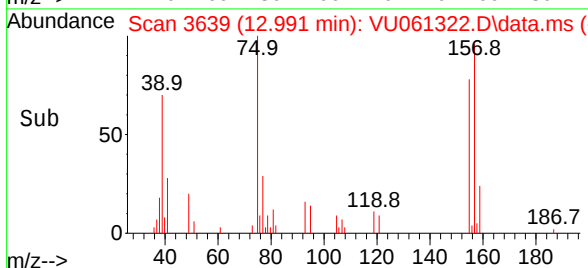
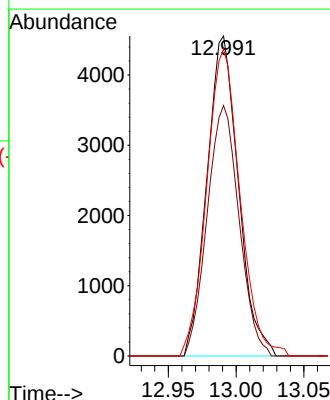
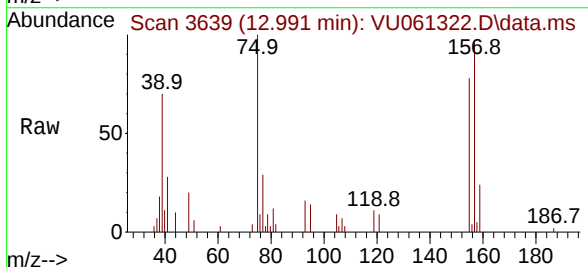
Instrument :
MSVOA_U
ClientSampleId :

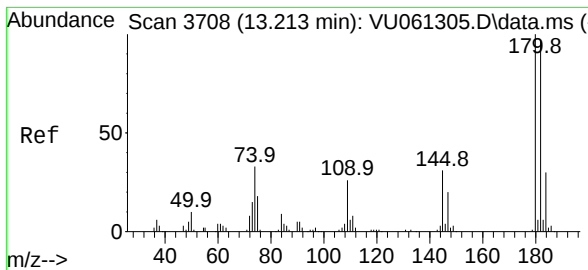
Tgt Ion:146 Resp: 115010
Ion Ratio Lower Upper
146 100
111 43.0 35.2 52.8
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.552 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

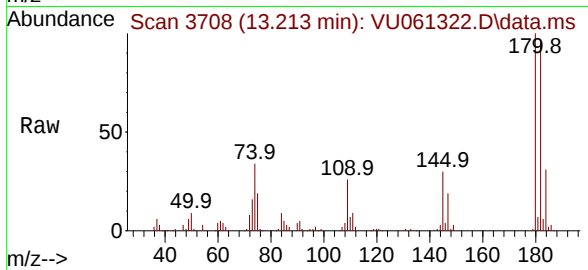
Tgt Ion: 75 Resp: 7332
Ion Ratio Lower Upper
75 100
155 78.3 69.3 103.9
157 95.9 81.4 122.2



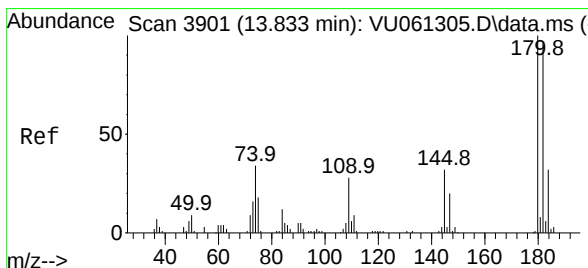
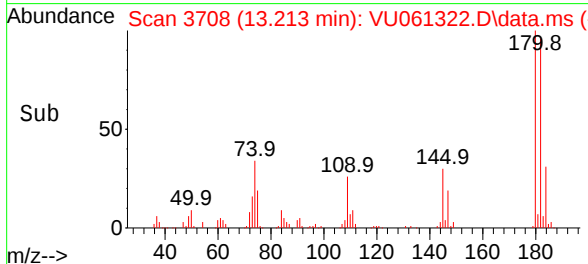
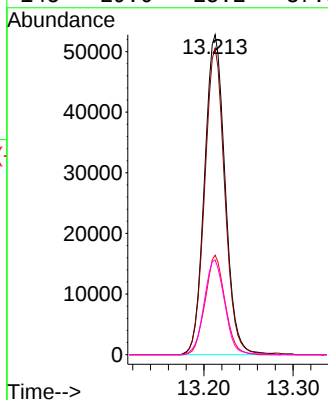


#69
1,3,5-Trichlorobenzene
Concen: 4.978 ug/L
RT: 13.213 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

Instrument :
MSVOA_U
ClientSampleId :

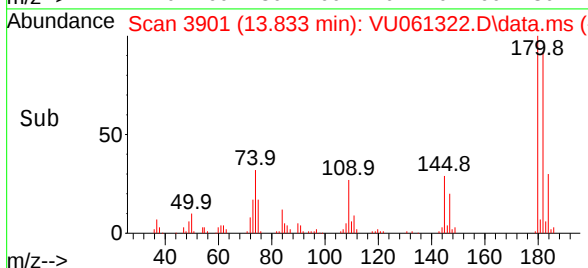
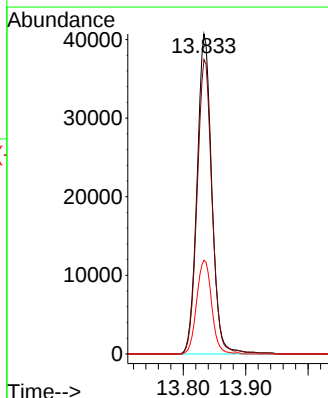
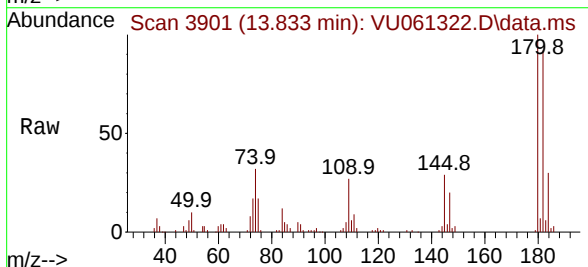


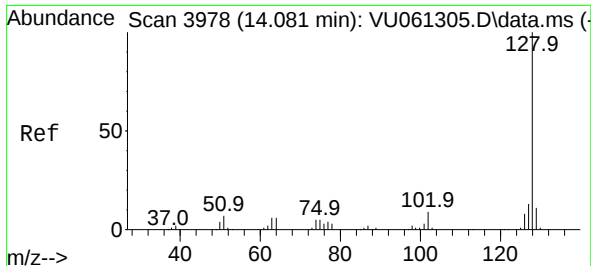
Tgt Ion:180 Resp: 84491
Ion Ratio Lower Upper
180 100
182 93.7 77.4 116.2
184 30.0 24.4 36.6
145 29.6 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 4.891 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

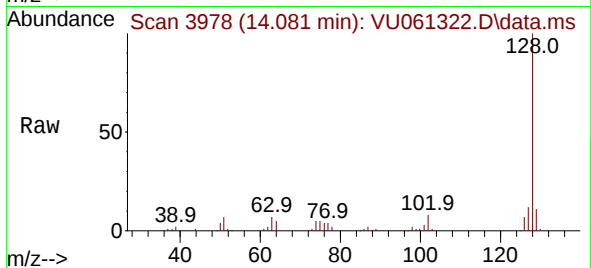
Tgt Ion:180 Resp: 66999
Ion Ratio Lower Upper
180 100
182 92.4 77.2 115.8
145 29.7 25.6 38.4



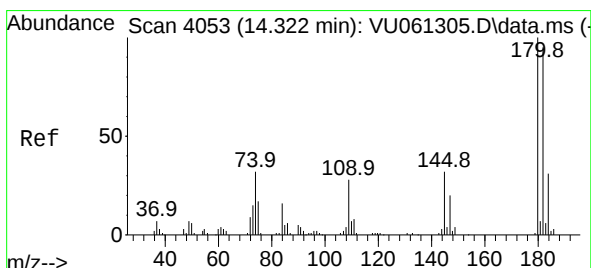
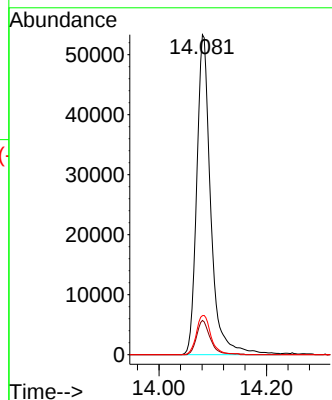
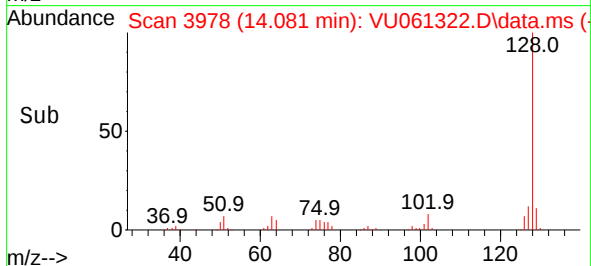


#71
Naphthalene
Concen: 4.462 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31

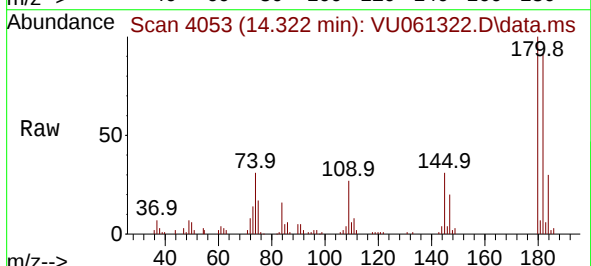
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 96448
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.875 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061322.D
Acq: 31 Oct 2024 19:31



Tgt Ion:180 Resp: 55860
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 31.8 26.5 39.7

