

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061077.D
 Acq On : 02 Oct 2024 15:34
 Operator : MD/SY
 Sample : P4227-17MSD 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:31:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59526	4.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.911	69	44844	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.557	65	26183	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.631	46	163039	53.516	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.040%
24) Chloroform-d	5.052	84	115677	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.692	65	59896	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.718	84	221812	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.679	67	74030	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	202246	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.174	79	30395	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.634	63	142837	55.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57001	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	69488	5.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47487	5.477	ug/L	99
3) Chloromethane	1.515	50	67280	5.373	ug/L	97
5) Vinyl chloride	1.602	62	72398	5.759	ug/L	98
6) Bromomethane	1.856	94	35848	5.346	ug/L	99
8) Chloroethane	1.930	64	41136	5.395	ug/L	98
9) Trichlorofluoromethane	2.126	101	85588	5.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	58877	5.519	ug/L	95
12) 1,1-Dichloroethene	2.570	96	57981	5.644	ug/L	91
13) Acetone	2.653	43	103943	53.050	ug/L	98
14) Carbon disulfide	2.782	76	191540	5.487	ug/L	100
15) Methyl Acetate	2.956	43	26390	5.532	ug/L	100
16) Methylene chloride	3.036	84	67172	5.696	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	163430	5.560	ug/L #	96
18) trans-1,2-Dichloroethene	3.345	96	68590	6.091	ug/L	93
19) 1,1-Dichloroethane	3.856	63	139650	6.373	ug/L	98
21) 2-Butanone	4.714	43	175616	54.446	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	117038	9.332	ug/L	93
23) Bromochloromethane	4.965	128	28316	5.609	ug/L #	89
25) Chloroform	5.078	83	122184	5.566	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061077.D
 Acq On : 02 Oct 2024 15:34
 Operator : MD/SY
 Sample : P4227-17MSD 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

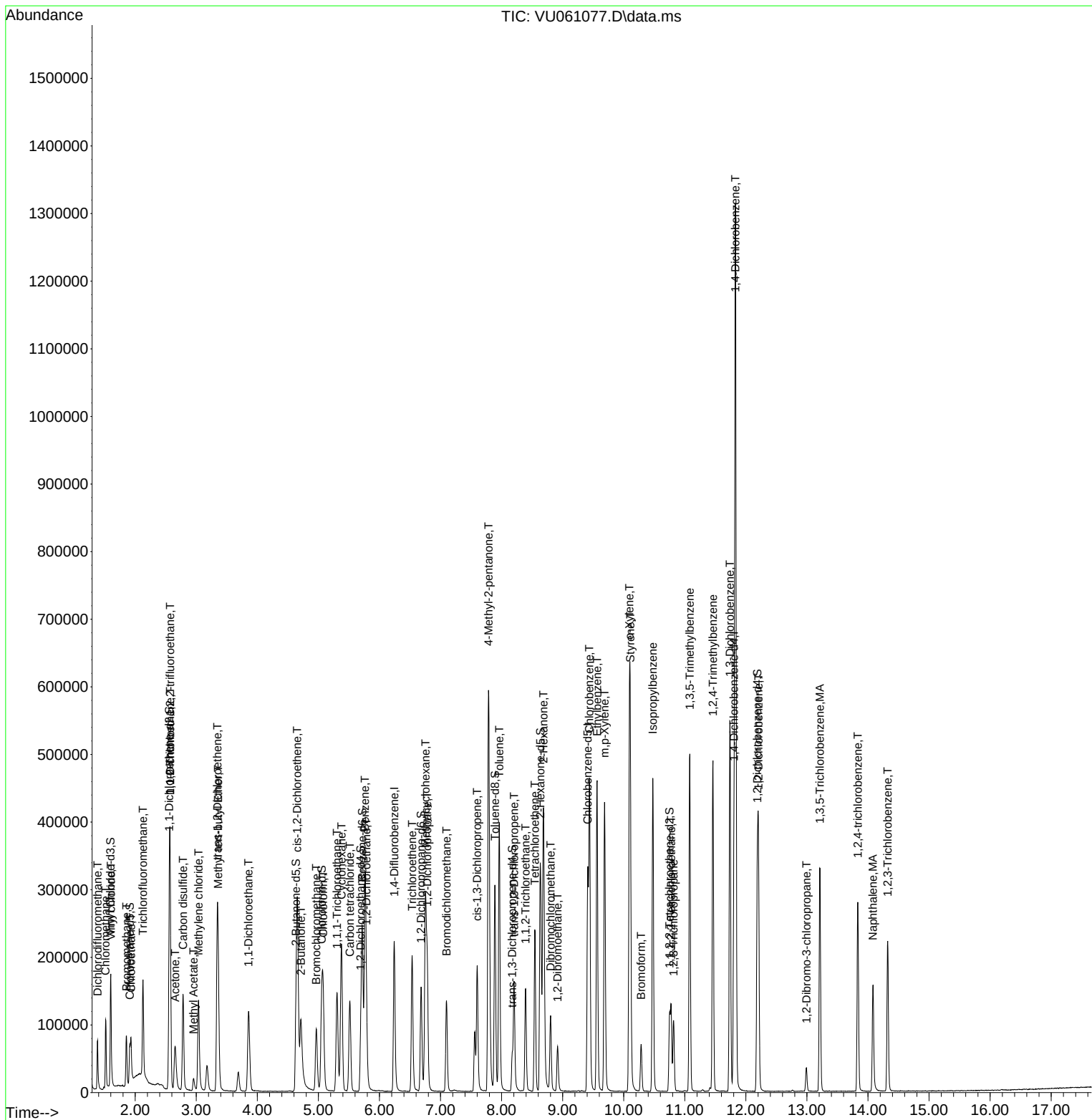
Instrument :
 MSVOA_U
 ClientSampleId :

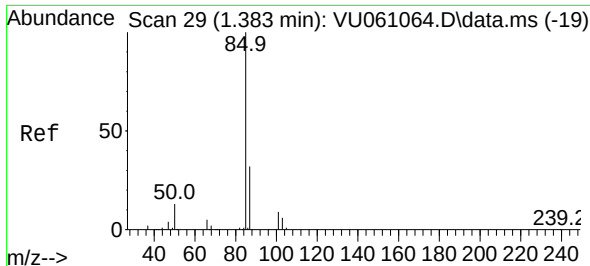
Quant Time: Oct 03 06:31:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79633	5.508	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	106460	5.506	ug/L	97
30) Cyclohexane	5.377	56	116871	5.426	ug/L	95
31) Carbon tetrachloride	5.515	117	90670	5.526	ug/L	100
33) Benzene	5.763	78	278357	5.651	ug/L	100
34) Trichloroethene	6.534	95	70624	5.289	ug/L	95
35) Methylcyclohexane	6.753	83	117970	5.471	ug/L	98
37) 1,2-Dichloropropane	6.782	63	71979	5.545	ug/L #	97
38) Bromodichloromethane	7.097	83	88949	5.481	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	111151	5.461	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	464188	55.831	ug/L	95
42) Toluene	7.962	91	290871	5.543	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	92899	5.520	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	46097	5.358	ug/L	94
47) Tetrachloroethene	8.544	164	48264	5.554	ug/L	95
48) 2-Hexanone	8.685	43	335997	58.290	ug/L	94
49) Dibromochloromethane	8.801	129	56524	5.647	ug/L	96
50) 1,2-Dibromoethane	8.917	107	45466	5.583	ug/L #	97
51) Chlorobenzene	9.438	112	235033	7.353	ug/L	94
52) Ethylbenzene	9.563	91	328207	5.519	ug/L	97
53) m,p-Xylene	9.685	106	118044	5.442	ug/L	90
54) o-Xylene	10.094	106	119360	5.593	ug/L	93
55) Styrene	10.107	104	195937	5.689	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	62537	5.785	ug/L	97
59) Bromoform	10.283	173	30459	5.378	ug/L #	98
60) Isopropylbenzene	10.476	105	296557	5.374	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43853	5.410	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	263593	5.420	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	265662	5.412	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	209474	8.856	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	487655	20.856	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	127954	5.853	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9692	5.483	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.213	180	94189	5.655	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	78428	6.145	ug/L	98
71) Naphthalene	14.081	128	128266	6.152	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	63416	5.971	ug/L	97

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

Quant Time: Oct 03 06:31:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

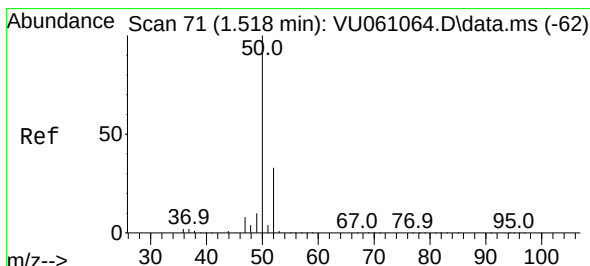
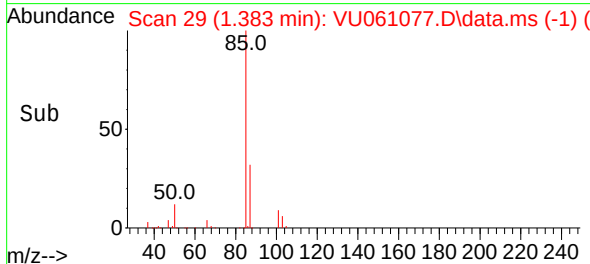
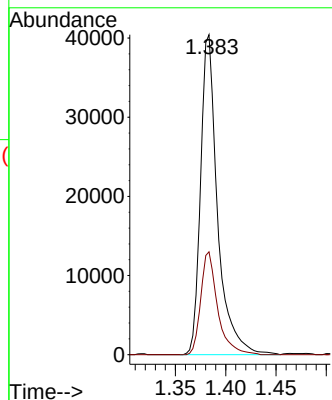
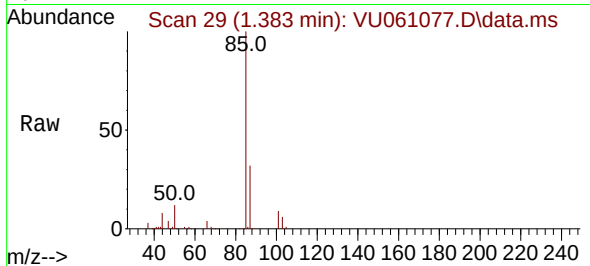




#2
Dichlorodifluoromethane
Concen: 5.477 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

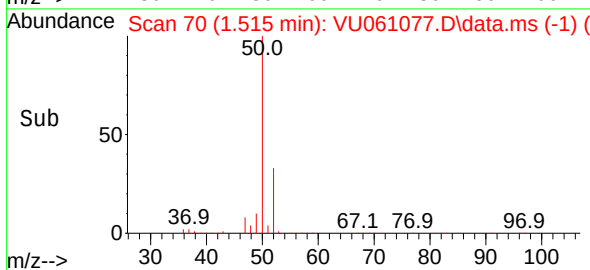
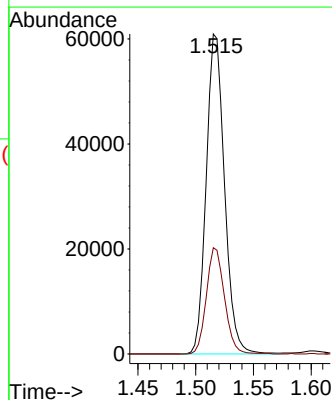
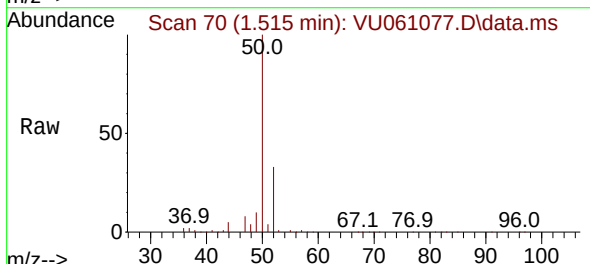
Instrument :
MSVOA_U
ClientSampleId :

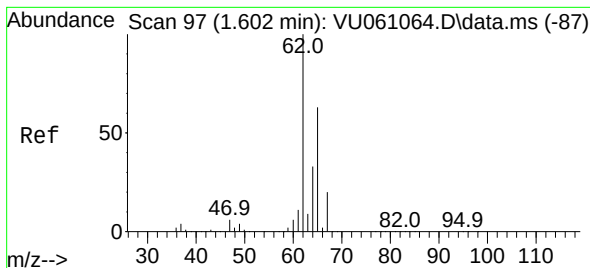
Tgt Ion: 85 Resp: 47487
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.2



#3
Chloromethane
Concen: 5.373 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 50 Resp: 67280
Ion Ratio Lower Upper
50 100
52 33.2 24.4 45.4





#5

Vinyl chloride

Concen: 5.759 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

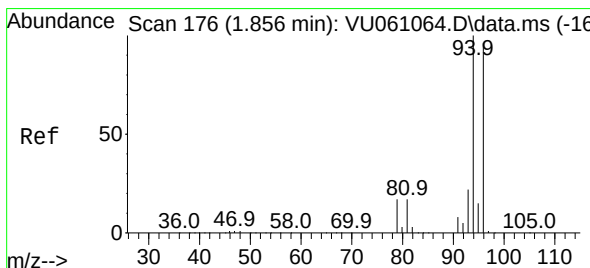
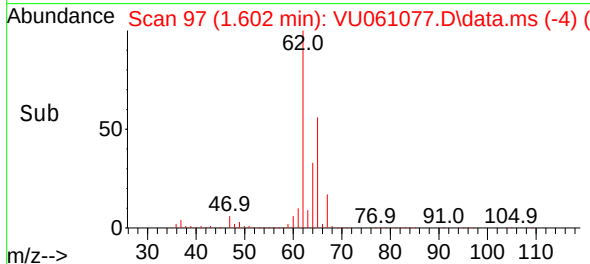
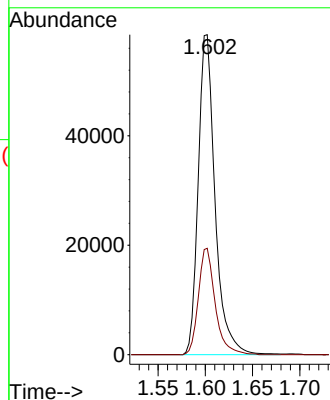
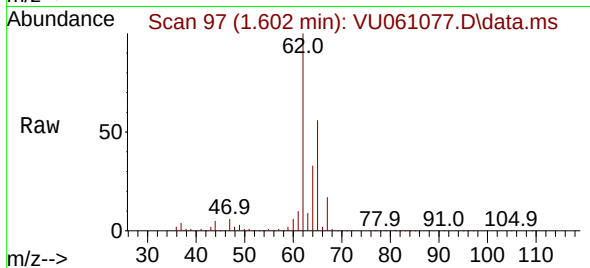
ClientSampleId :

Tgt Ion: 62 Resp: 72398

Ion Ratio Lower Upper

62 100

64 33.2 24.0 44.6



#6

Bromomethane

Concen: 5.346 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU061077.D

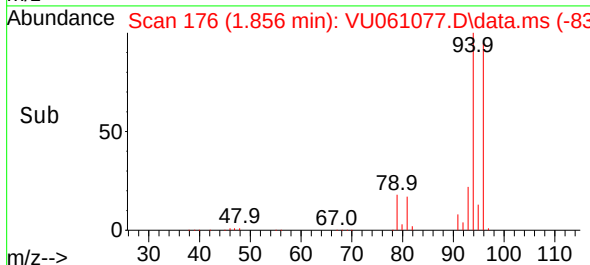
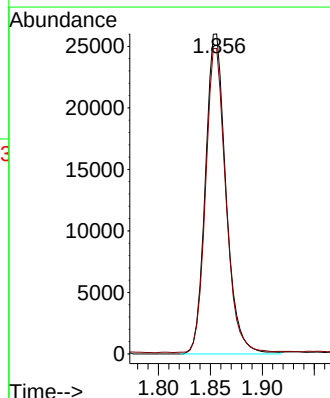
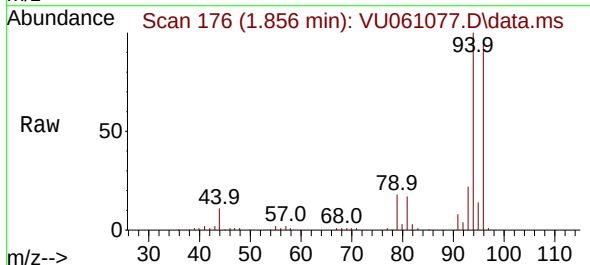
Acq: 02 Oct 2024 15:34

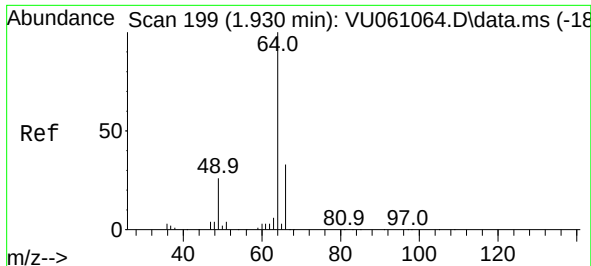
Tgt Ion: 94 Resp: 35848

Ion Ratio Lower Upper

94 100

96 95.4 67.3 124.9

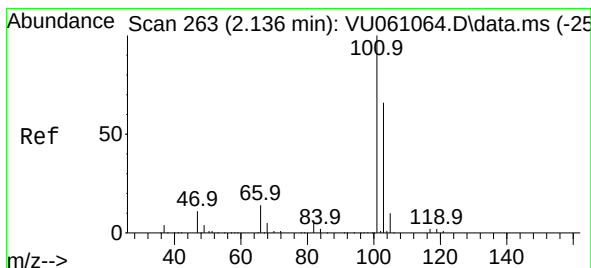
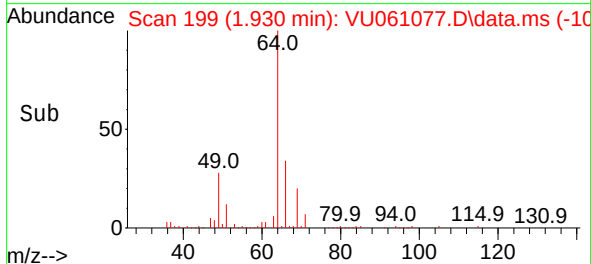
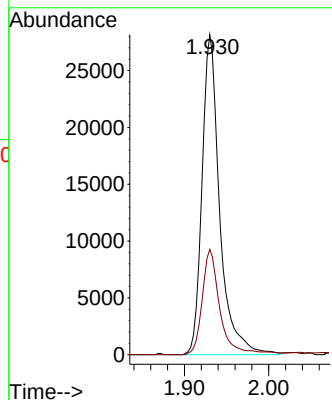
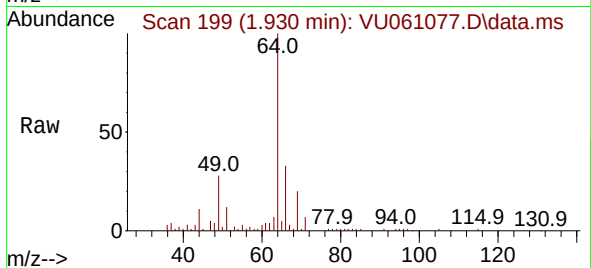




#8
Chloroethane
Concen: 5.395 ug/L
RT: 1.930 min Scan# 10
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

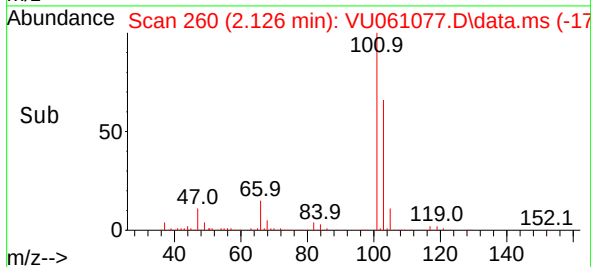
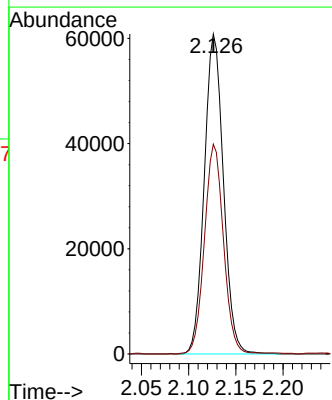
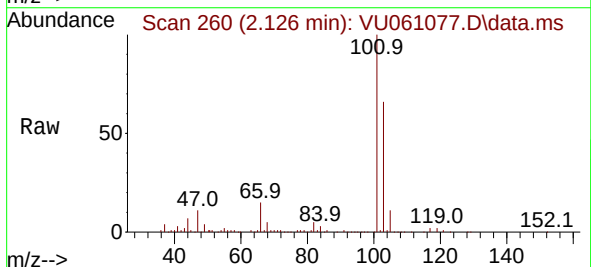
Instrument :
MSVOA_U
ClientSampleId :

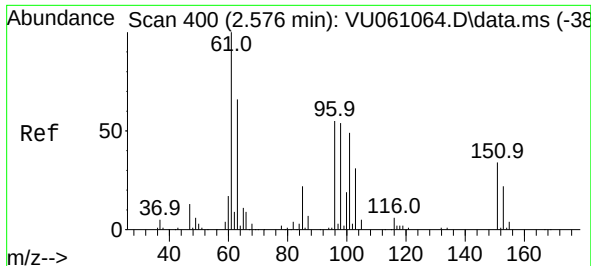
Tgt Ion: 64 Resp: 41136
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.299 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.010 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion:101 Resp: 85588
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.519 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

ClientSampleId :

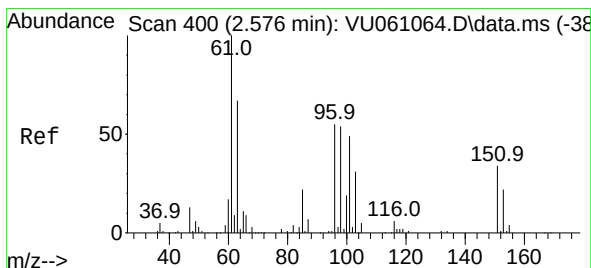
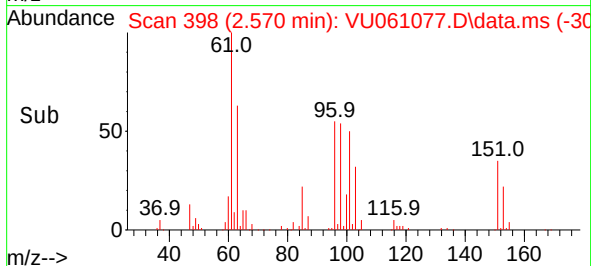
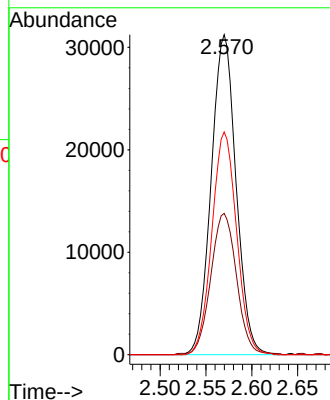
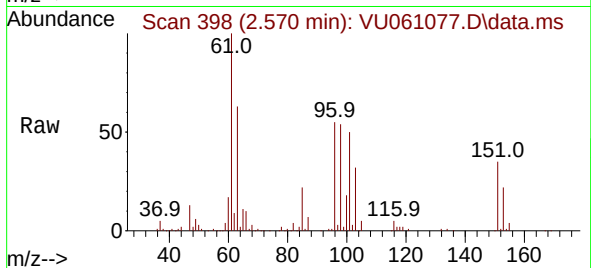
Tgt Ion:101 Resp: 58877

Ion Ratio Lower Upper

101 100

85 45.9 34.2 51.4

151 69.4 58.6 88.0



#12

1,1-Dichloroethene

Concen: 5.644 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

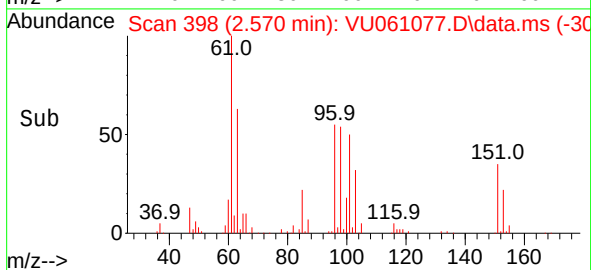
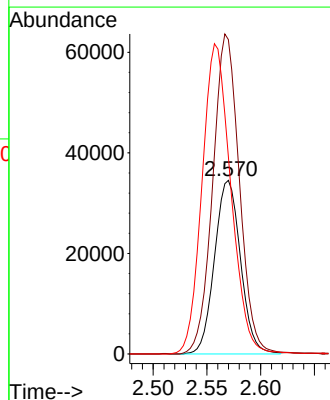
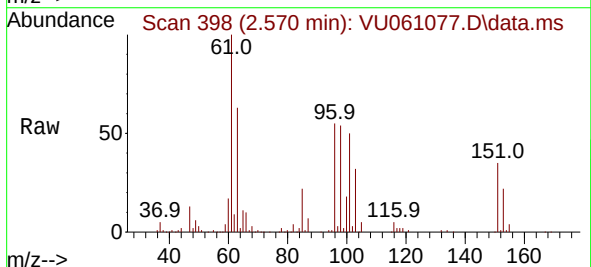
Tgt Ion: 96 Resp: 57981

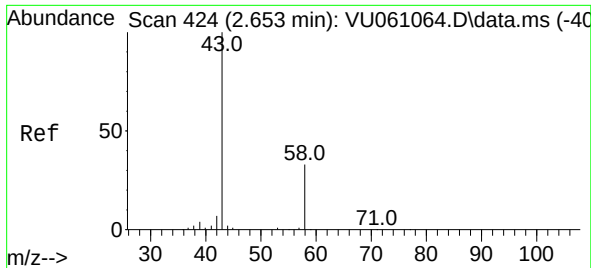
Ion Ratio Lower Upper

96 100

61 181.1 120.7 224.1

63 113.9 90.0 167.2





#13

Acetone

Concen: 53.050 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

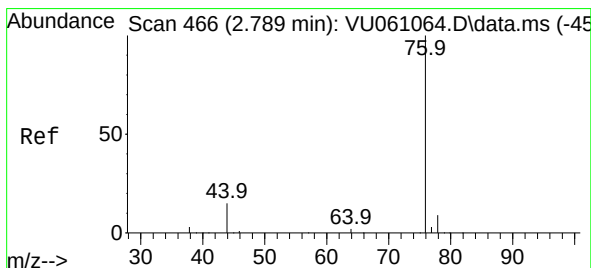
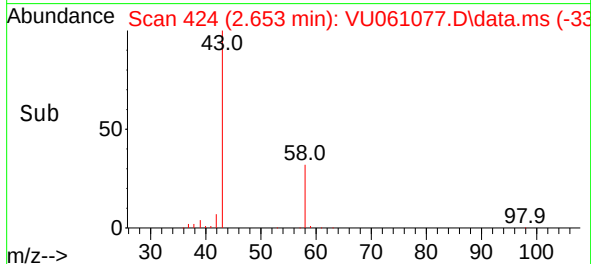
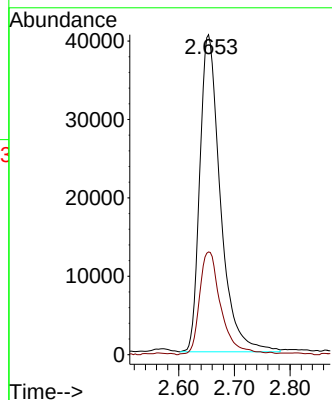
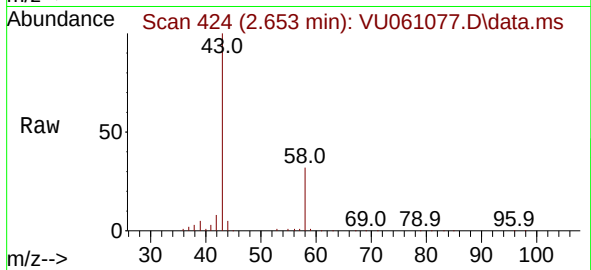
ClientSampleId :

Tgt Ion: 43 Resp: 103943

Ion Ratio Lower Upper

43 100

58 33.7 0.0 69.6



#14

Carbon disulfide

Concen: 5.487 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU061077.D

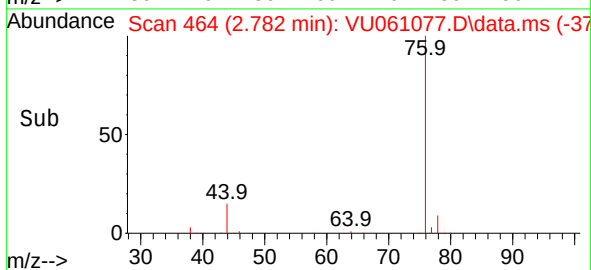
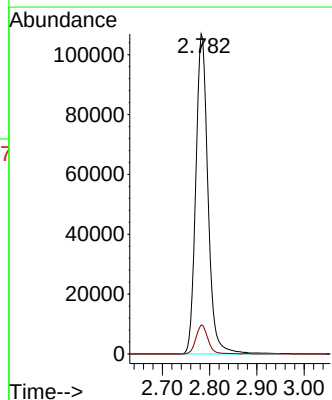
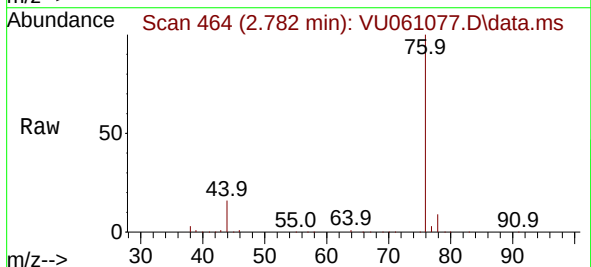
Acq: 02 Oct 2024 15:34

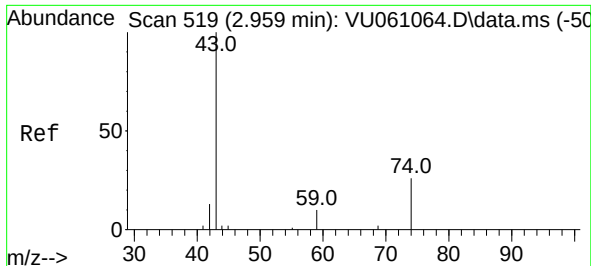
Tgt Ion: 76 Resp: 191540

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 5.532 ug/L

RT: 2.956 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

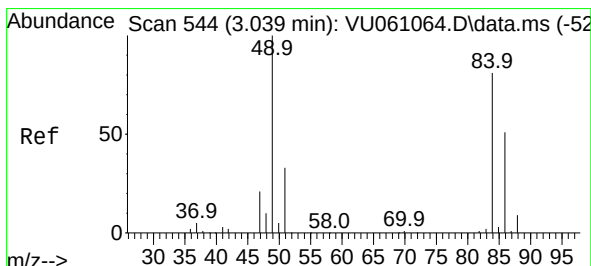
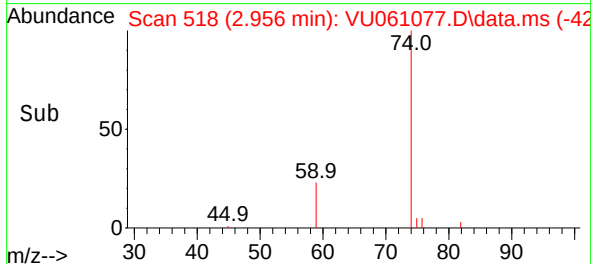
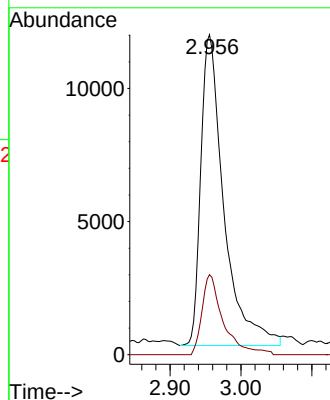
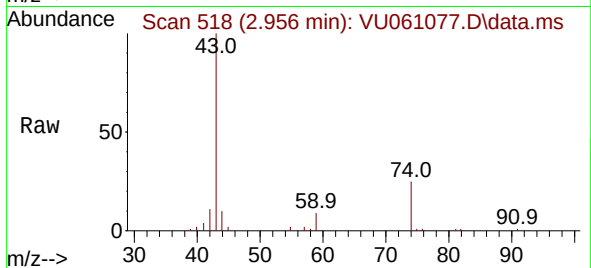
ClientSampleId :

Tgt Ion: 43 Resp: 26390

Ion Ratio Lower Upper

43 100

74 23.7 18.9 28.3



#16

Methylene chloride

Concen: 5.696 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

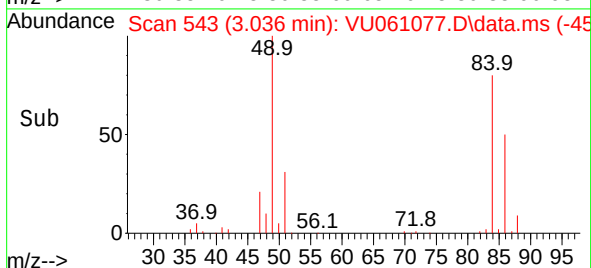
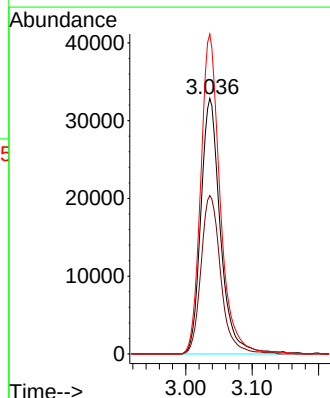
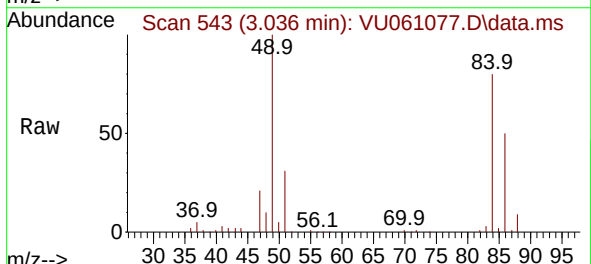
Tgt Ion: 84 Resp: 67172

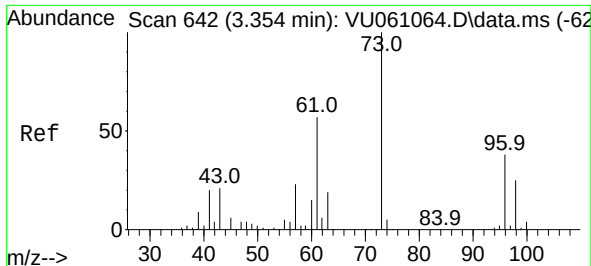
Ion Ratio Lower Upper

84 100

86 62.0 47.3 87.8

49 125.3 78.7 146.1

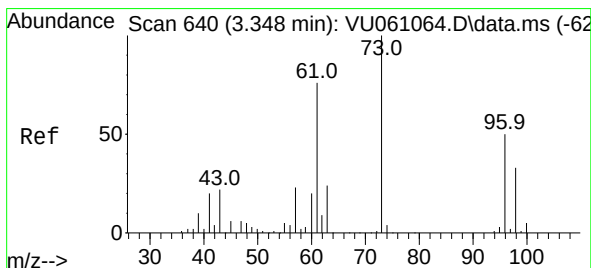
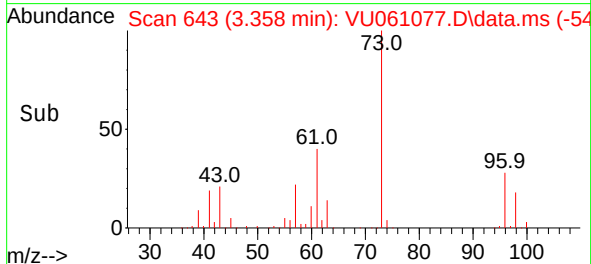
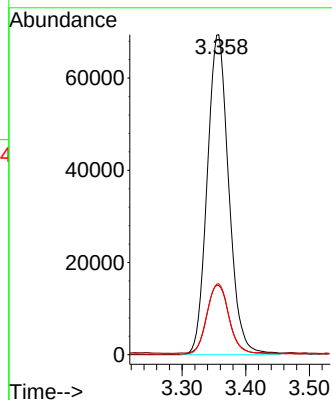
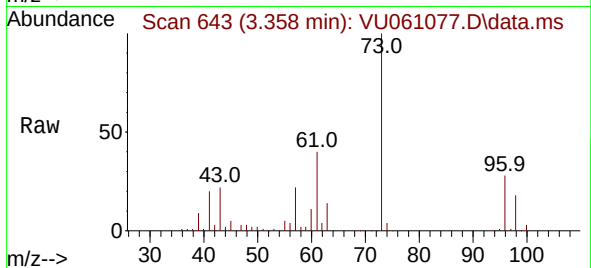




#17
Methyl tert-butyl Ether
Concen: 5.560 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

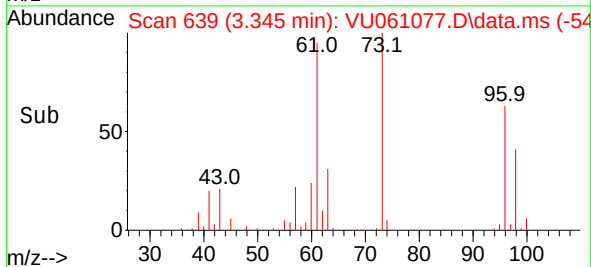
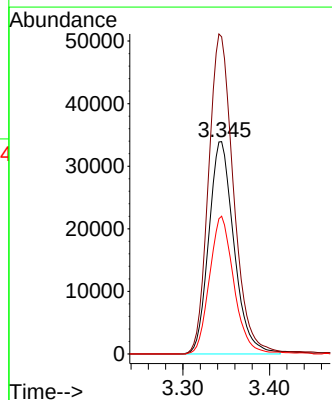
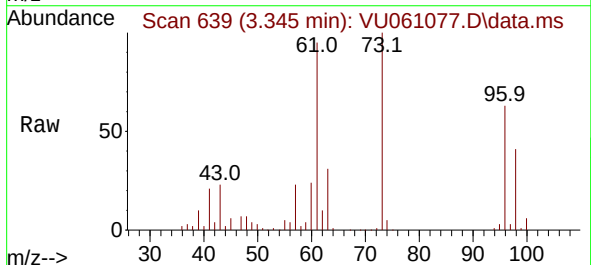
Instrument :
MSVOA_U
ClientSampleId :

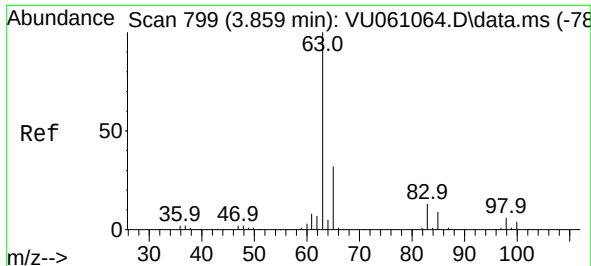
Tgt Ion: 73 Resp: 163430
Ion Ratio Lower Upper
73 100
43 21.7 13.8 20.8#
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 6.091 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

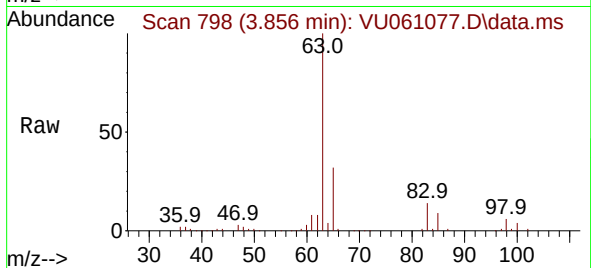
Tgt Ion: 96 Resp: 68590
Ion Ratio Lower Upper
96 100
61 149.3 97.2 180.6
98 64.9 43.3 80.5





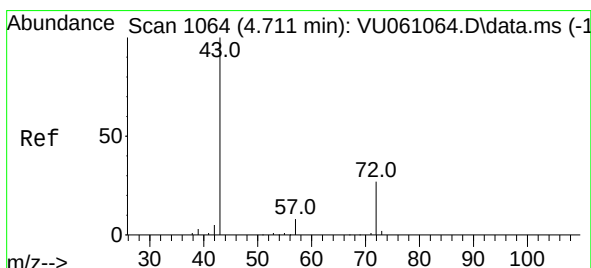
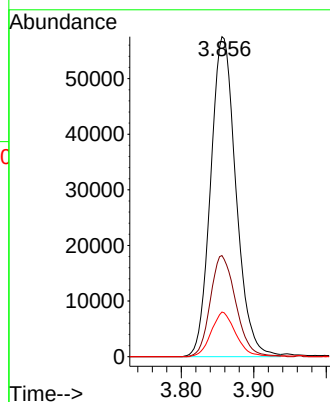
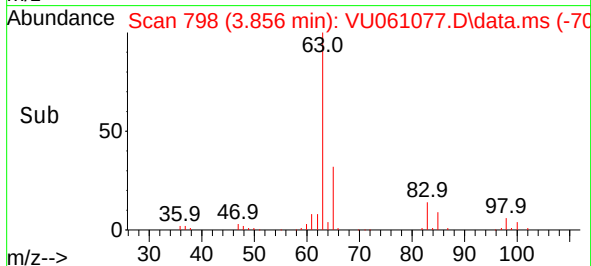
#19
1,1-Dichloroethane
Concen: 6.373 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 63 Resp: 139650

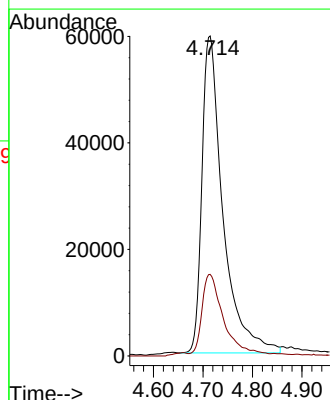
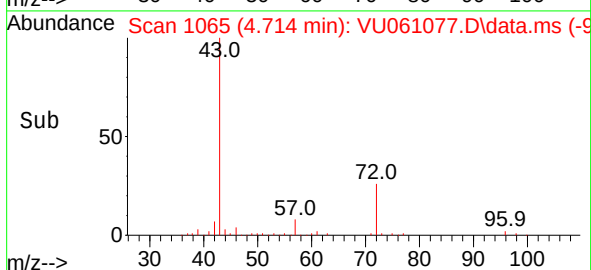
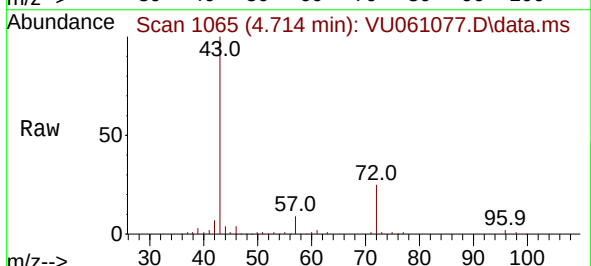
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.0	42.8
83	14.0	9.0	16.6

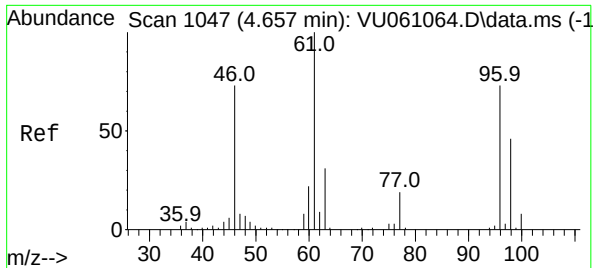


#21
2-Butanone
Concen: 54.446 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 43 Resp: 175616

Ion	Ratio	Lower	Upper
43	100		
72	25.4	14.8	44.3

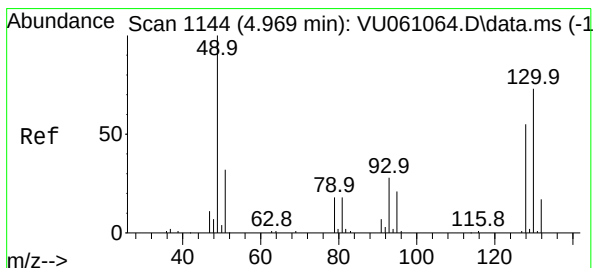
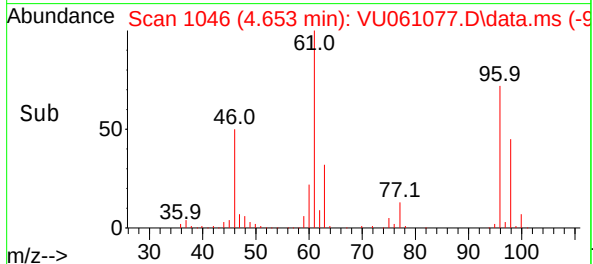
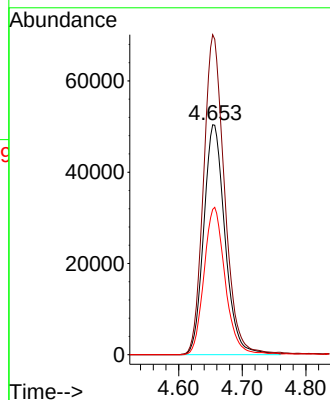
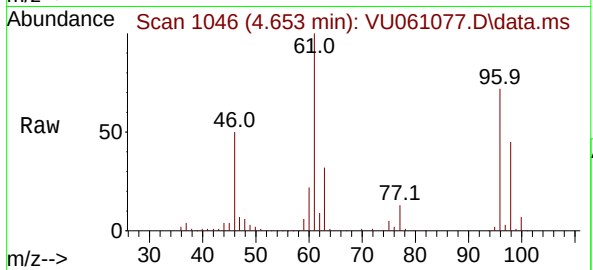




#22
cis-1,2-Dichloroethene
Concen: 9.332 ug/L
RT: 4.653 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

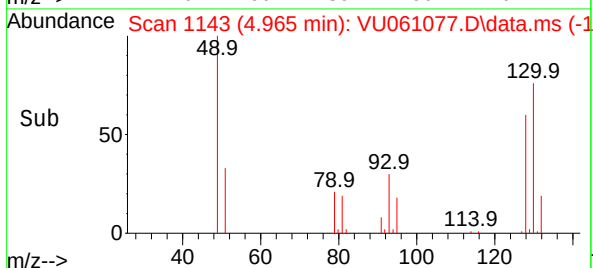
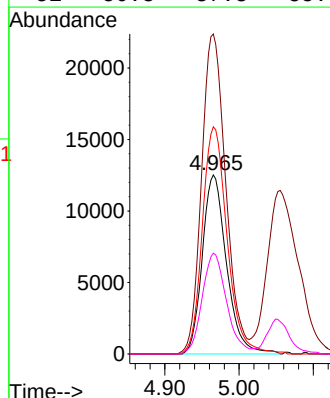
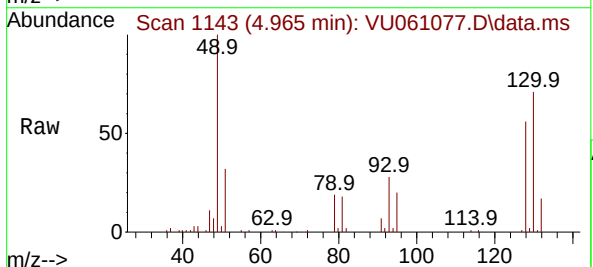
Instrument :
MSVOA_U
ClientSampleId :

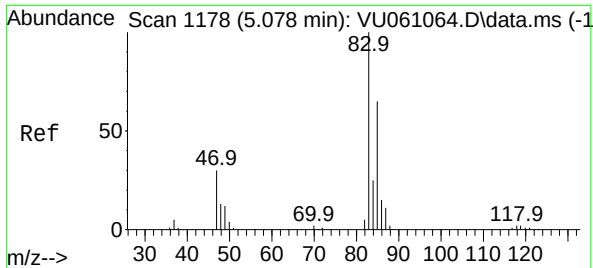
Tgt Ion: 96 Resp: 117038
Ion Ratio Lower Upper
96 100
61 139.2 89.7 166.5
98 63.2 45.1 83.9



#23
Bromochloromethane
Concen: 5.609 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion:128 Resp: 28316
Ion Ratio Lower Upper
128 100
49 178.7 109.6 203.6
130 126.9 87.8 163.0
51 56.3 37.3 55.9#

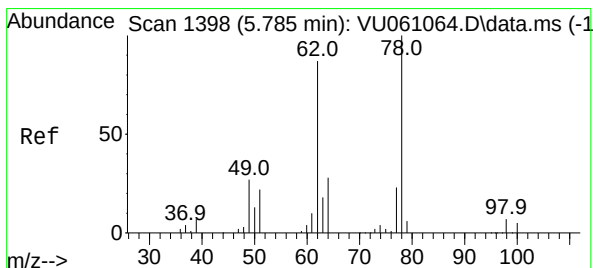
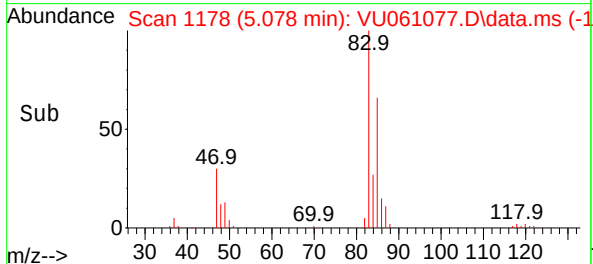
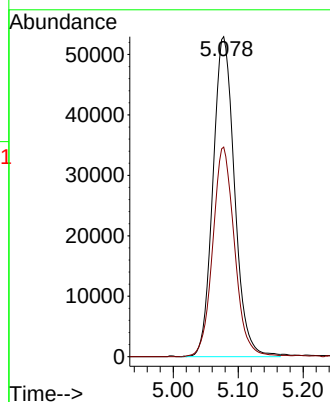
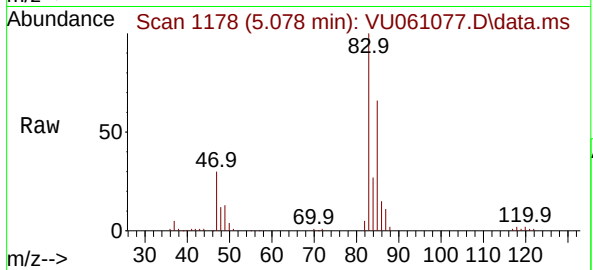




#25
Chloroform
Concen: 5.566 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

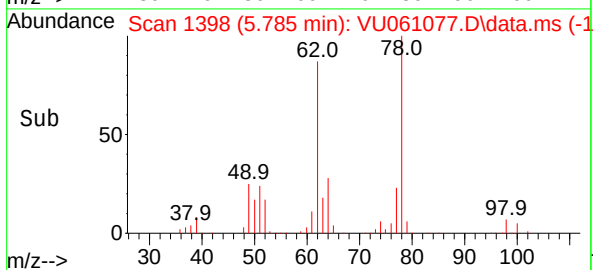
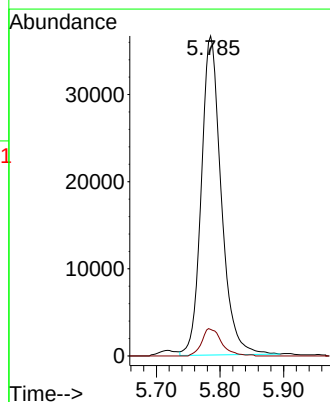
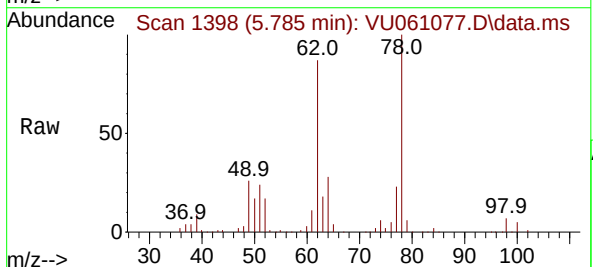
Instrument :
MSVOA_U
ClientSampleId :

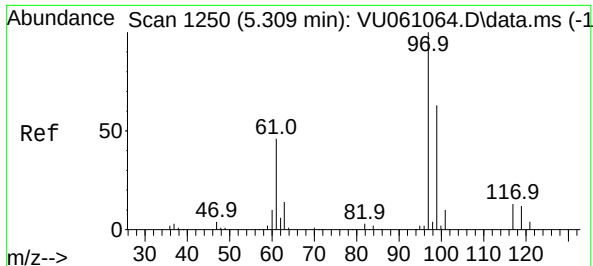
Tgt Ion: 83 Resp: 122184
Ion Ratio Lower Upper
83 100
85 65.5 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.508 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 62 Resp: 79633
Ion Ratio Lower Upper
62 100
98 8.3 8.2 12.4

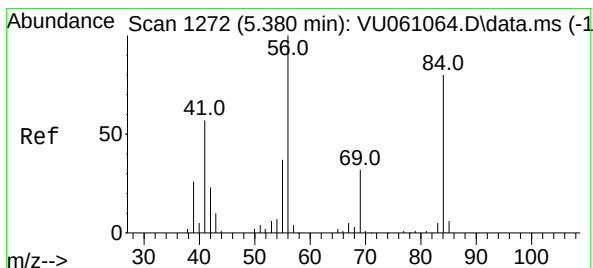
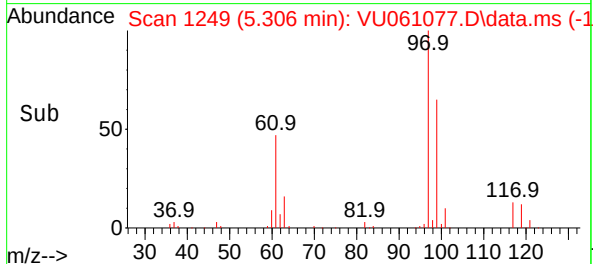
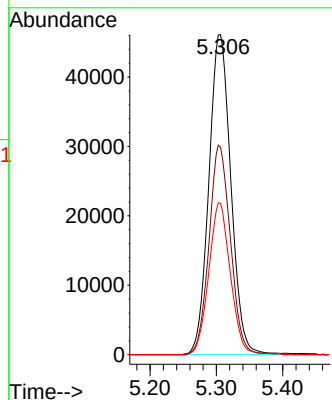
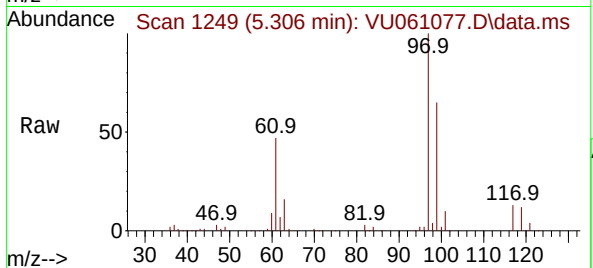




#29
1,1,1-Trichloroethane
Concen: 5.506 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

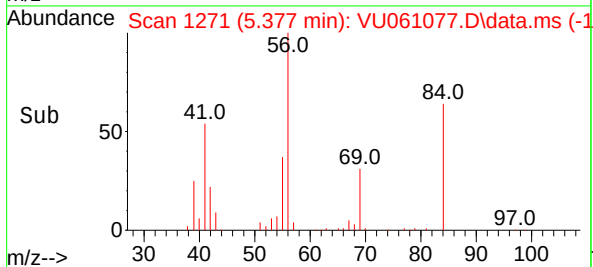
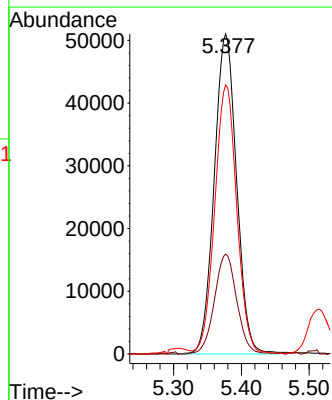
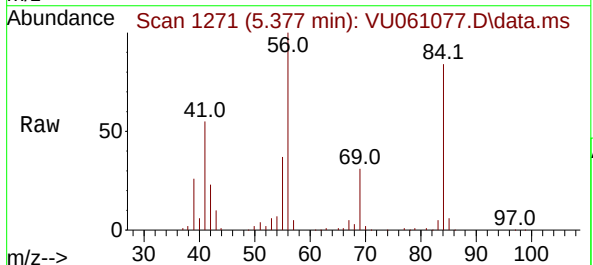
Instrument :
MSVOA_U
ClientSampleId :

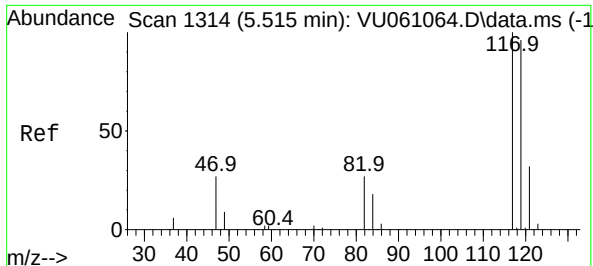
Tgt Ion: 97 Resp: 106460
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 46.3 34.4 51.6



#30
Cyclohexane
Concen: 5.426 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 56 Resp: 116871
Ion Ratio Lower Upper
56 100
69 31.2 25.4 38.0
84 83.1 71.0 106.6

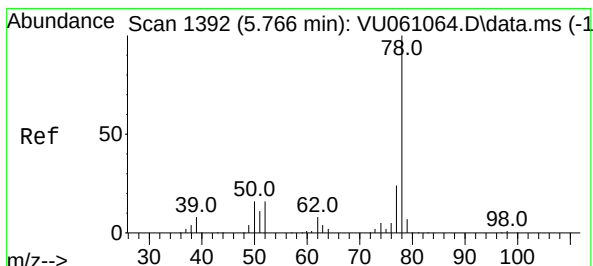
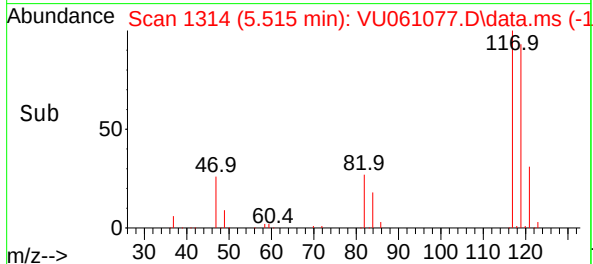
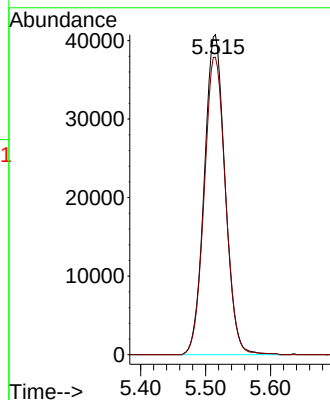
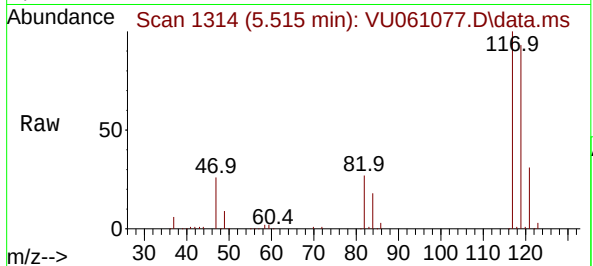




#31
Carbon tetrachloride
Concen: 5.526 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

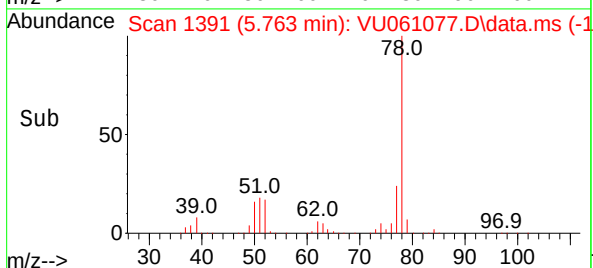
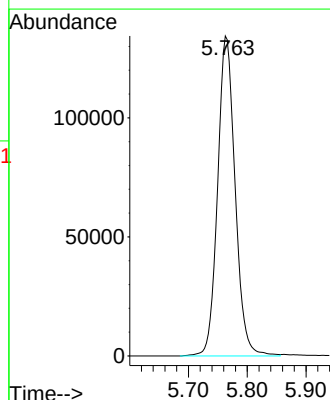
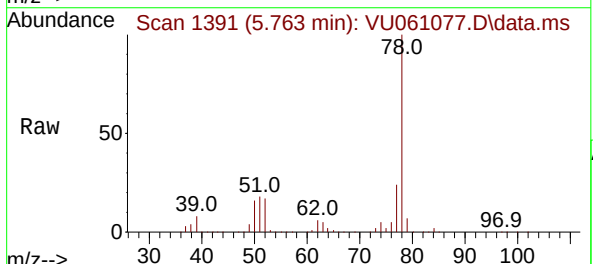
Instrument :
MSVOA_U
ClientSampleId :

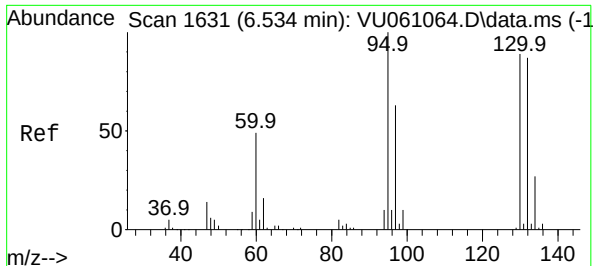
Tgt Ion:117 Resp: 90670
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 5.651 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 78 Resp: 278357

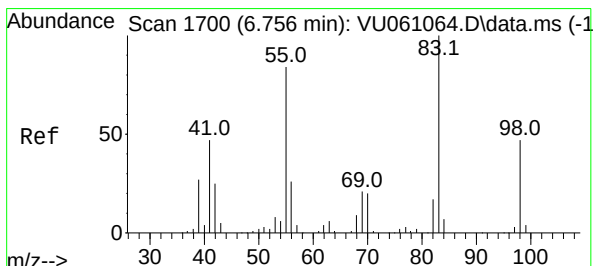
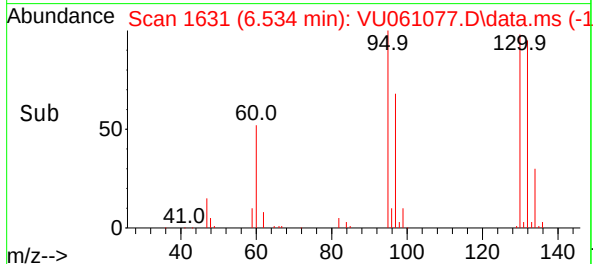
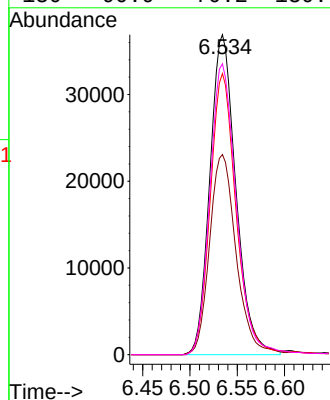
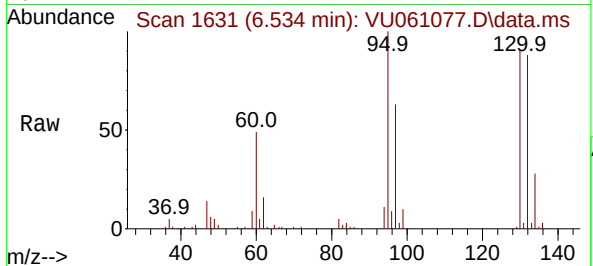




#34
Trichloroethene
Concen: 5.289 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

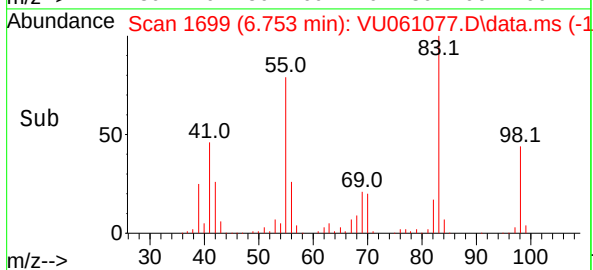
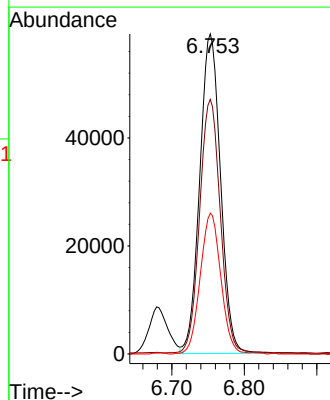
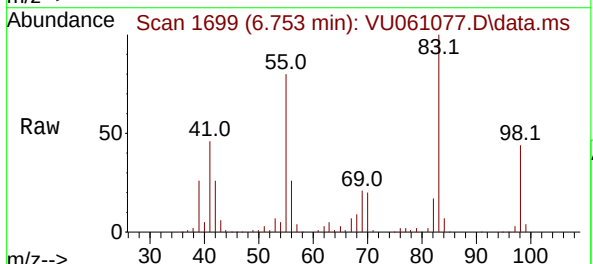
Instrument :
MSVOA_U
ClientSampleId :

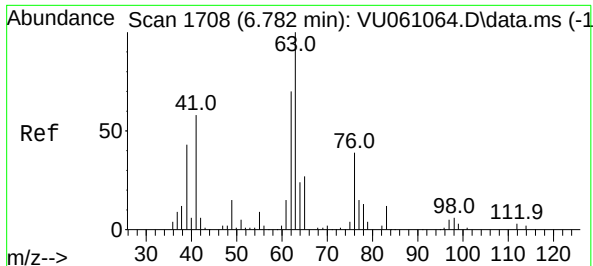
Tgt Ion: 95 Resp: 70624
Ion Ratio Lower Upper
95 100
97 62.6 44.9 83.5
132 87.9 63.5 117.9
130 90.9 70.2 130.4



#35
Methylcyclohexane
Concen: 5.471 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 83 Resp: 117970
Ion Ratio Lower Upper
83 100
55 78.5 62.6 94.0
98 43.5 37.6 56.4

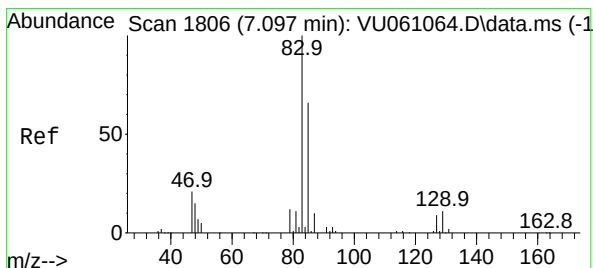
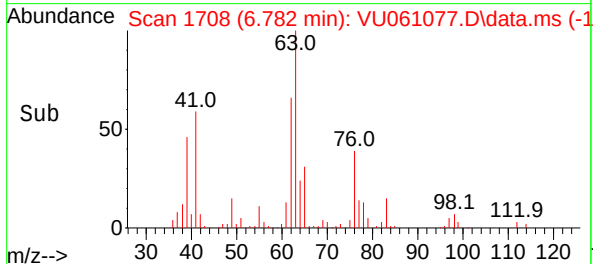
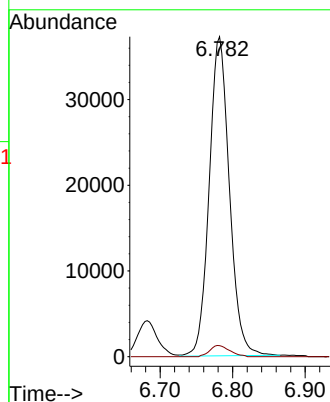
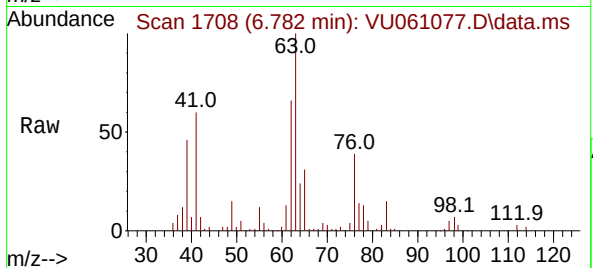




#37
1,2-Dichloropropane
Concen: 5.545 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

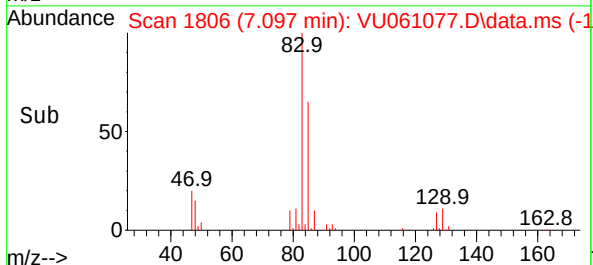
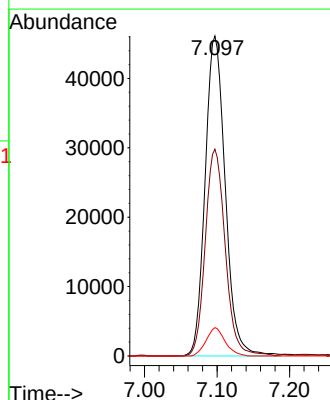
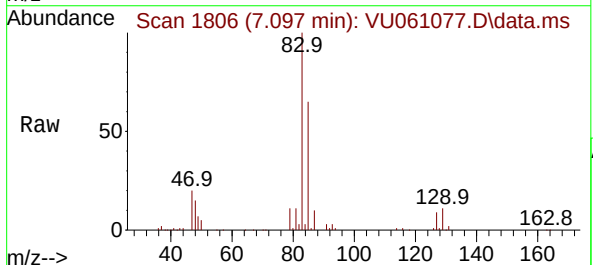
Instrument :
MSVOA_U
ClientSampleId :

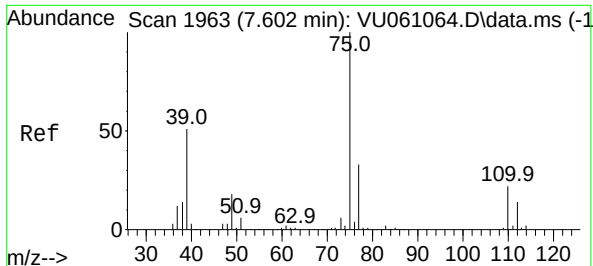
Tgt Ion: 63 Resp: 71979
Ion Ratio Lower Upper
63 100
112 3.5 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.481 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 83 Resp: 88949
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8
127 8.8 7.0 10.6

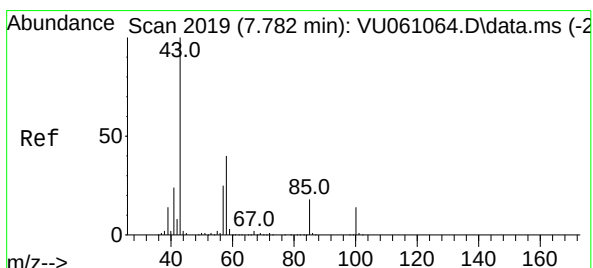
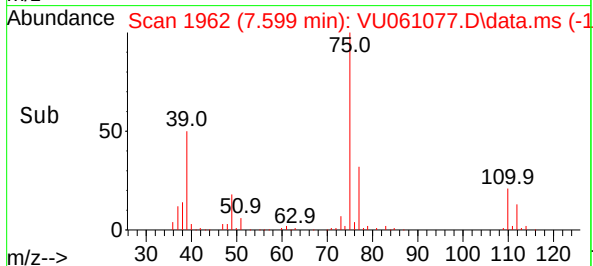
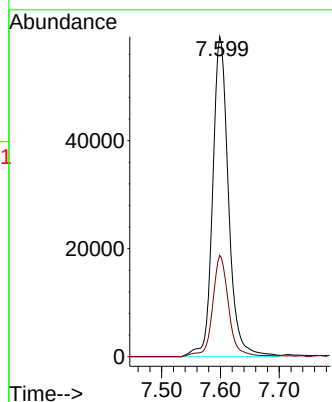
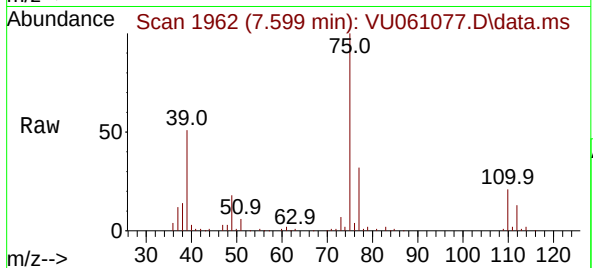




#39
 cis-1,3-Dichloropropene
 Concen: 5.461 ug/L
 RT: 7.599 min Scan# 111151
 Delta R.T. -0.003 min
 Lab File: VU061077.D
 Acq: 02 Oct 2024 15:34

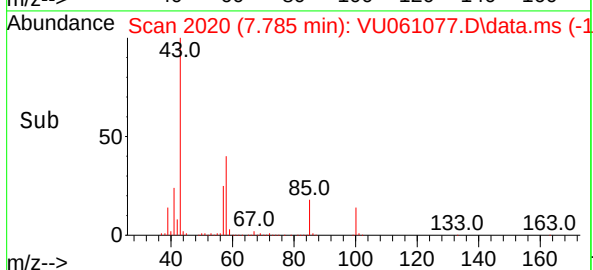
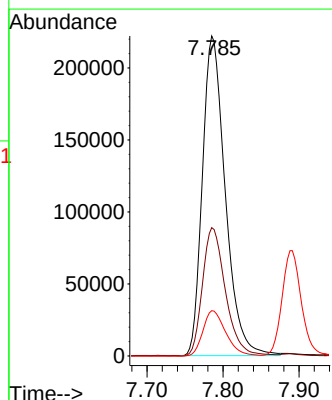
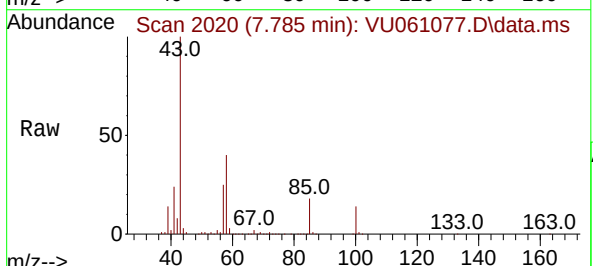
Instrument :
 MSVOA_U
 ClientSampleId :

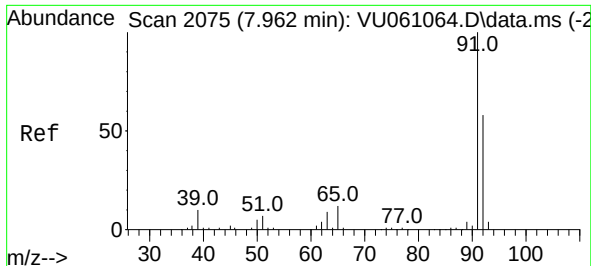
Tgt Ion: 75 Resp: 111151
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 55.831 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061077.D
 Acq: 02 Oct 2024 15:34

Tgt Ion: 43 Resp: 464188
 Ion Ratio Lower Upper
 43 100
 58 40.3 34.9 52.3
 100 14.1 13.4 20.0





#42

Toluene

Concen: 5.543 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

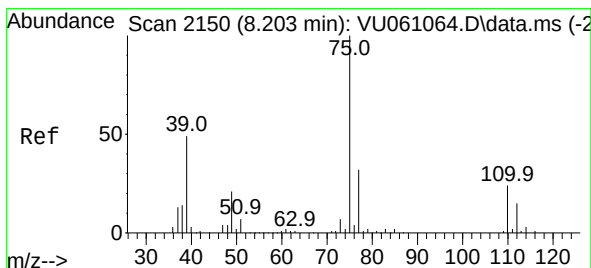
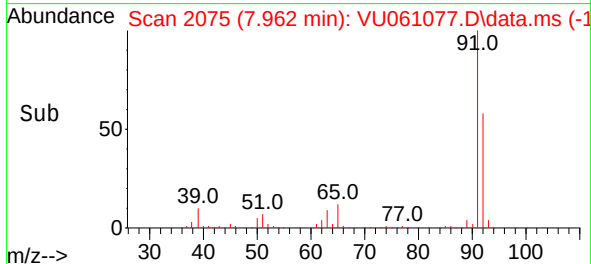
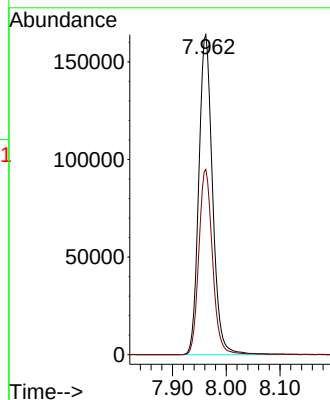
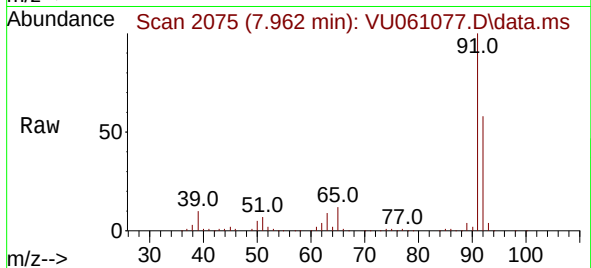
ClientSampleId :

Tgt Ion: 91 Resp: 290871

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.520 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061077.D

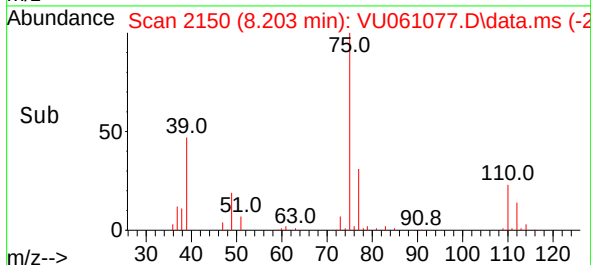
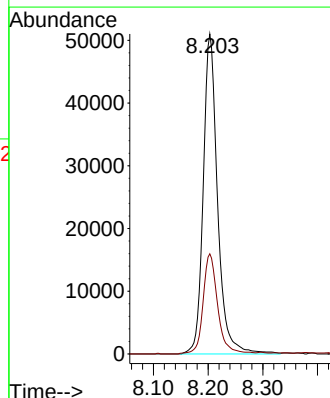
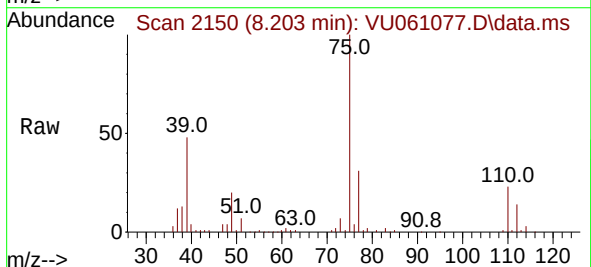
Acq: 02 Oct 2024 15:34

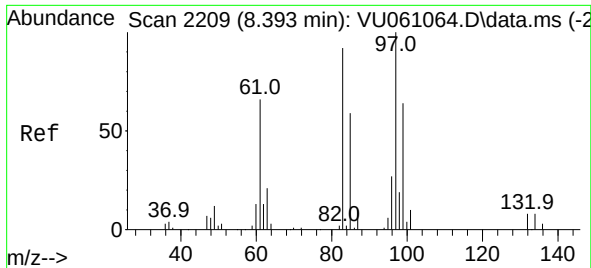
Tgt Ion: 75 Resp: 92899

Ion Ratio Lower Upper

75 100

77 31.3 23.1 42.9



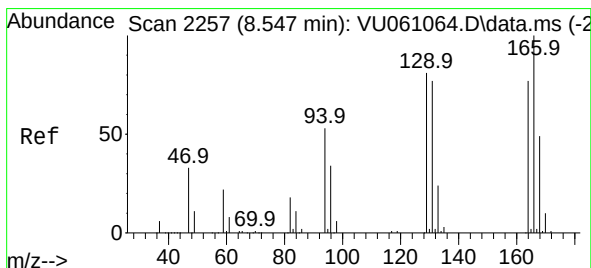
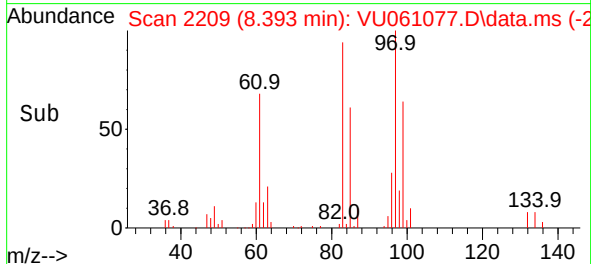
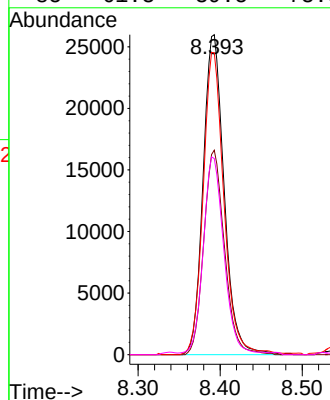
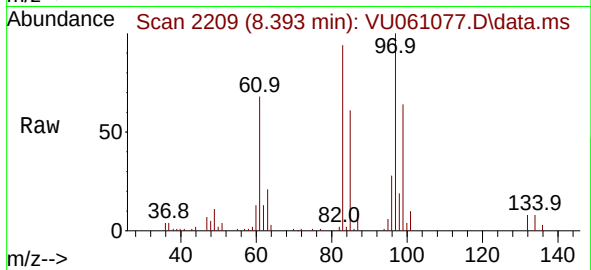


#45
1,1,2-Trichloroethane
Concen: 5.358 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 46097

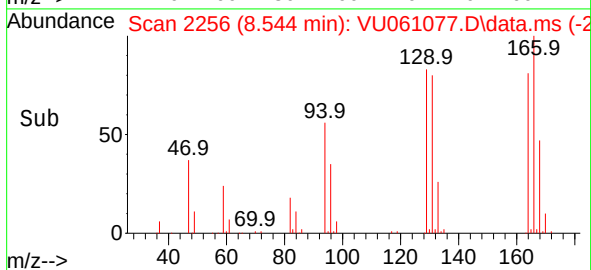
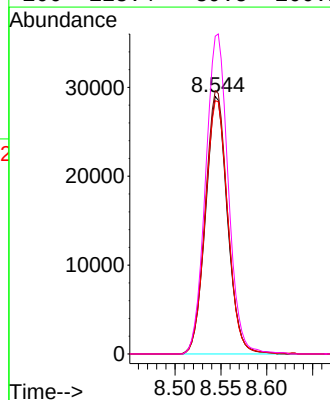
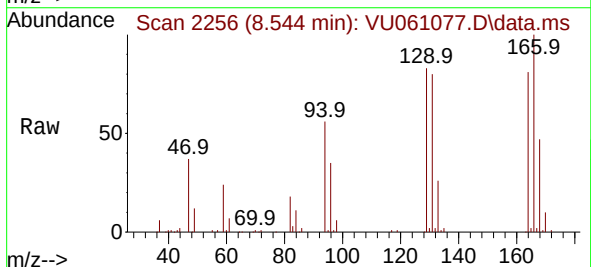
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.3	78.5
83	94.3	61.7	114.5
85	61.3	39.5	73.3

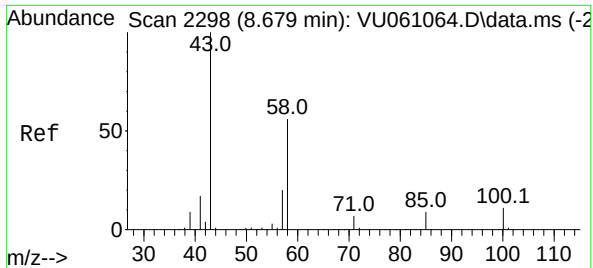


#47
Tetrachloroethene
Concen: 5.554 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 164 Resp: 48264

Ion	Ratio	Lower	Upper
164	100		
129	102.3	67.3	124.9
131	98.4	65.4	121.4
166	123.4	89.5	166.1

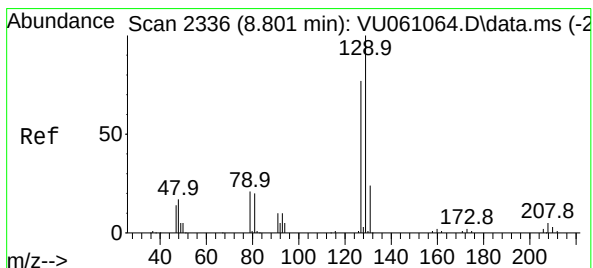
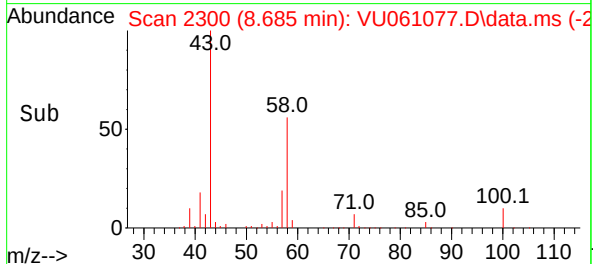
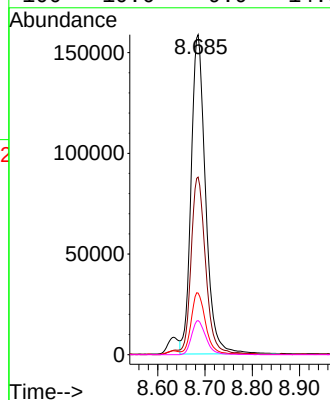
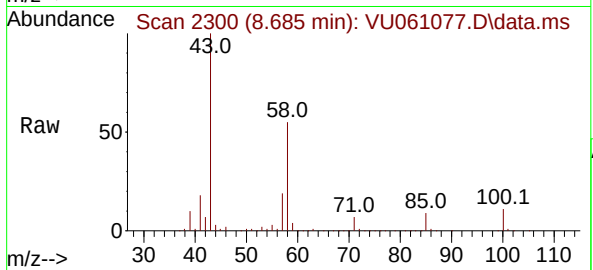




#48
2-Hexanone
Concen: 58.290 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

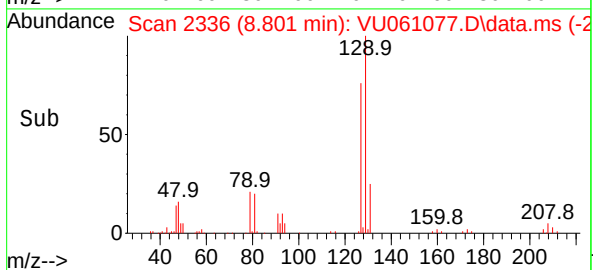
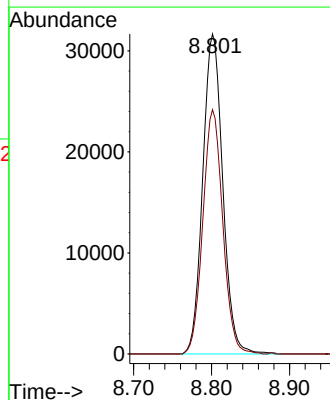
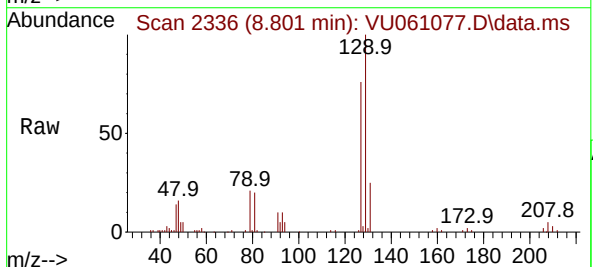
Instrument :
MSVOA_U
ClientSampleId :

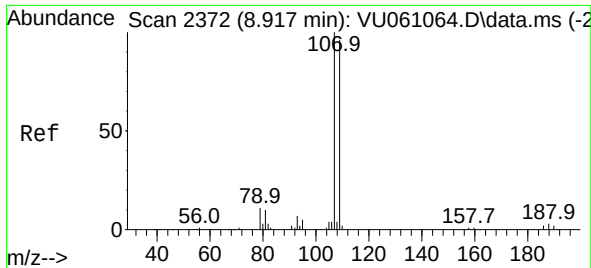
Tgt Ion:	43	Resp:	335997
Ion Ratio	Lower	Upper	
43	100		
58	54.7	48.3	72.5
57	19.0	15.9	23.9
100	10.6	9.9	14.9



#49
Dibromochloromethane
Concen: 5.647 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion:	129	Resp:	56524
Ion Ratio	Lower	Upper	
129	100		
127	76.4	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.583 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

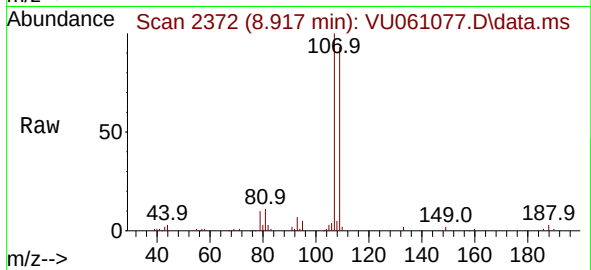
Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

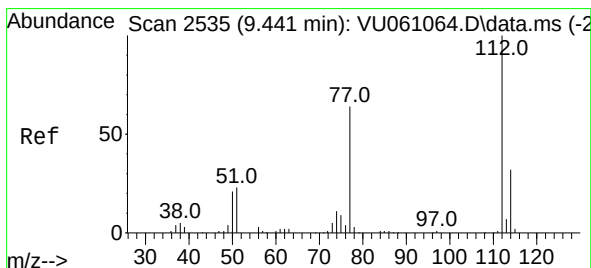
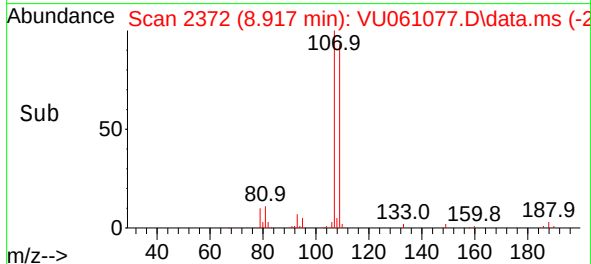
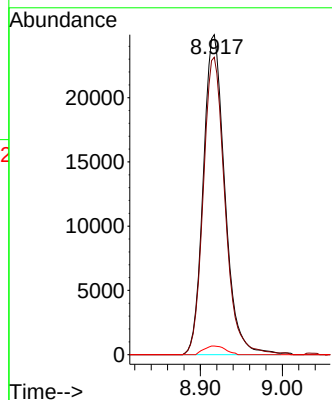
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	45466
Ion Ratio	Lower	Upper	
107	100		
109	93.0	66.8	124.0
188	2.7	3.4	5.0#



#51

Chlorobenzene

Concen: 7.353 ug/L

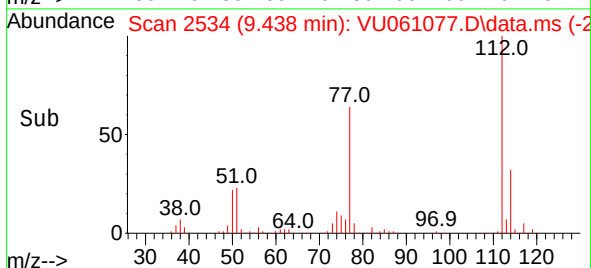
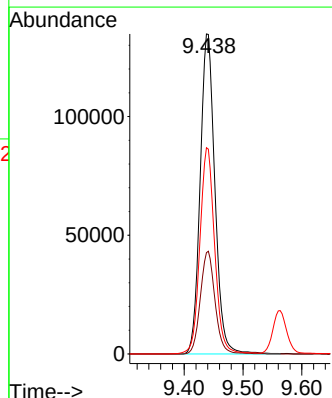
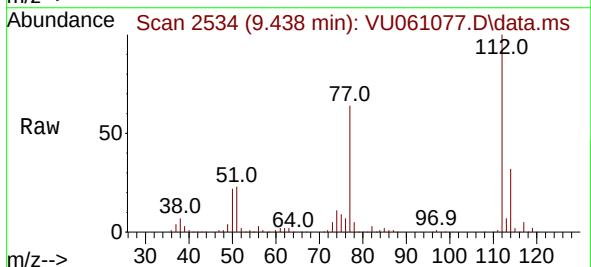
RT: 9.438 min Scan# 2534

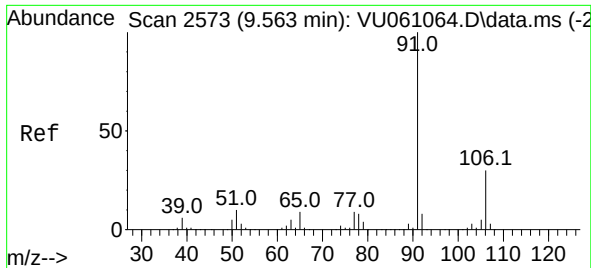
Delta R.T. -0.003 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Tgt Ion:	112	Resp:	235033
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.2	41.2
77	64.5	46.1	69.1





#52

Ethylbenzene

Concen: 5.519 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

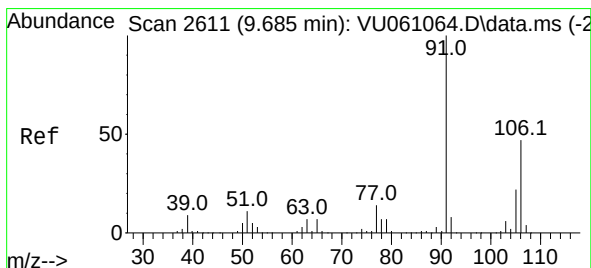
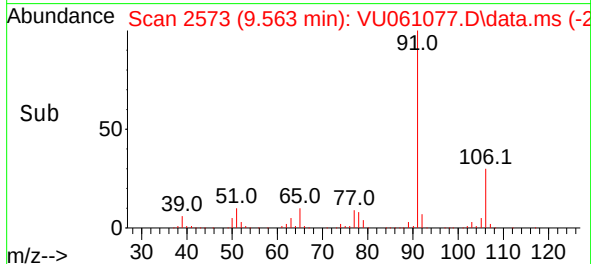
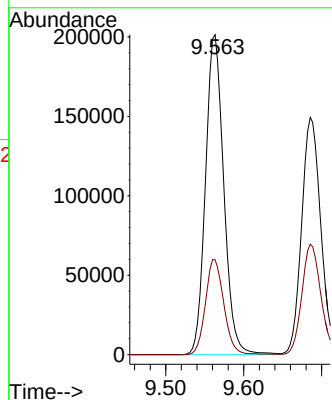
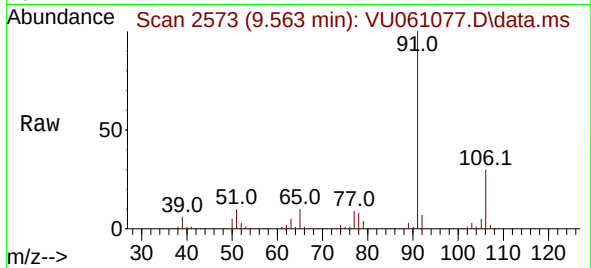
ClientSampleId :

Tgt Ion: 91 Resp: 328207

Ion Ratio Lower Upper

91 100

106 29.7 21.8 40.6



#53

m,p-Xylene

Concen: 5.442 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061077.D

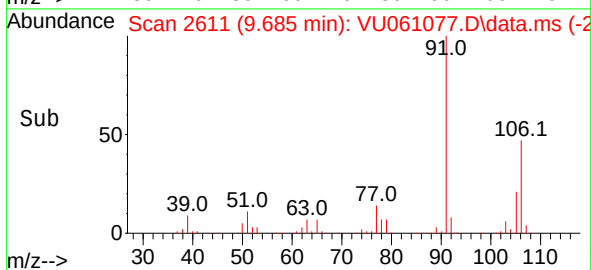
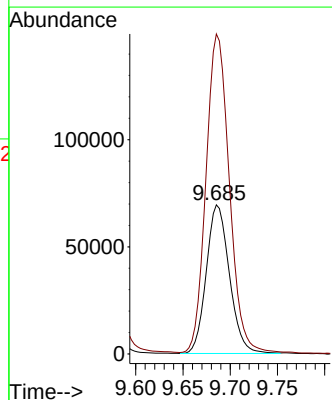
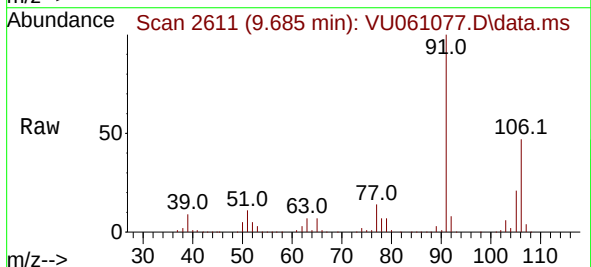
Acq: 02 Oct 2024 15:34

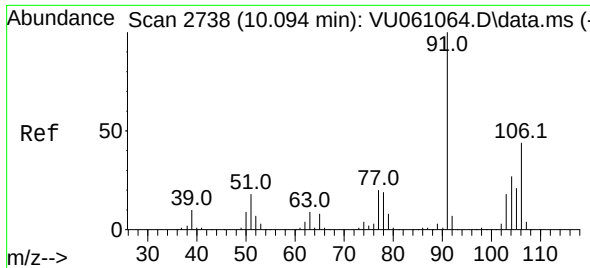
Tgt Ion:106 Resp: 118044

Ion Ratio Lower Upper

106 100

91 214.5 139.7 259.4

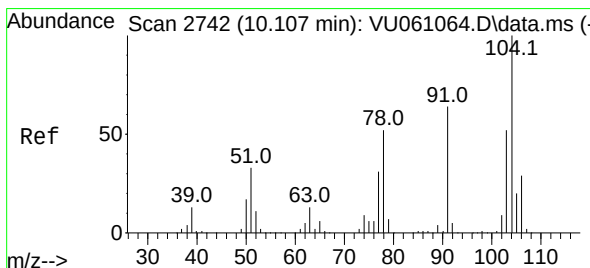
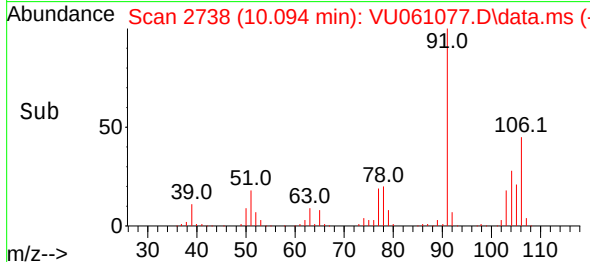
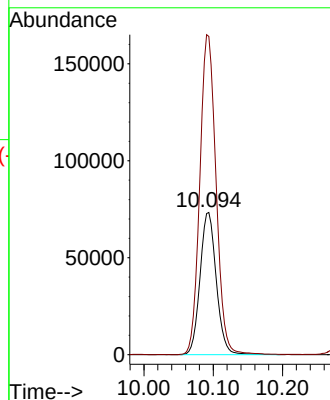
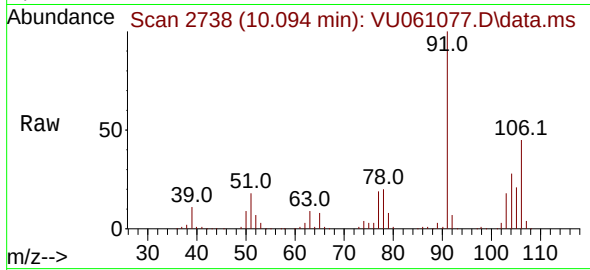




#54
o-Xylene
Concen: 5.593 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

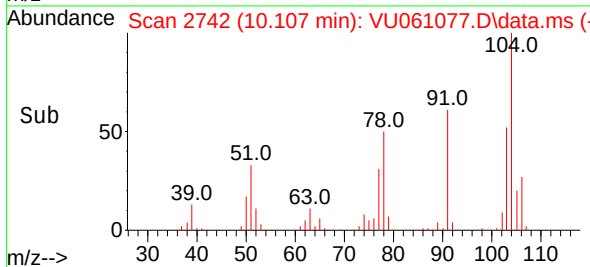
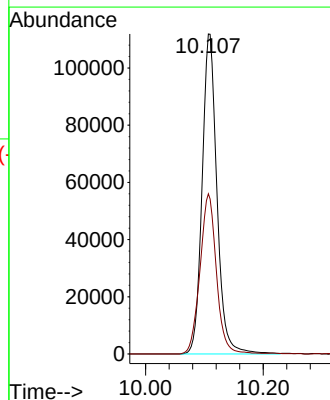
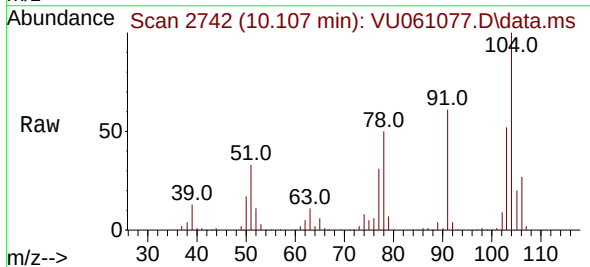
Instrument :
MSVOA_U
ClientSampleId :

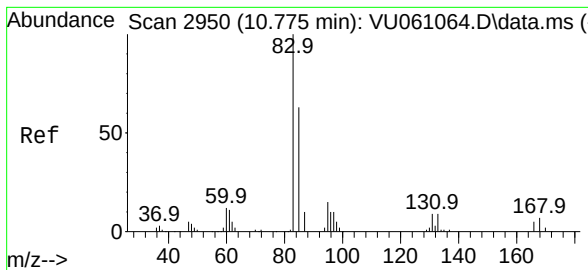
Tgt Ion:106 Resp: 119360
Ion Ratio Lower Upper
106 100
91 223.6 148.6 276.0



#55
Styrene
Concen: 5.689 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion:104 Resp: 195937
Ion Ratio Lower Upper
104 100
78 50.0 31.7 58.9

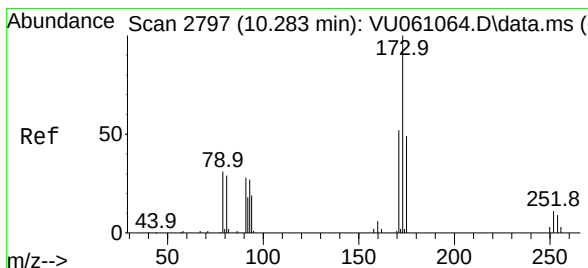
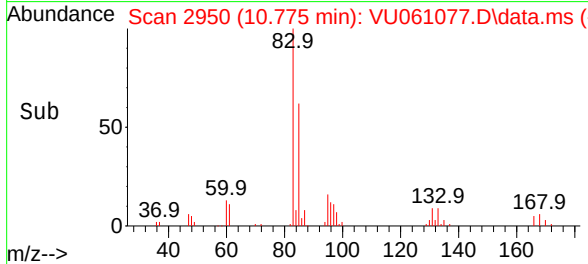
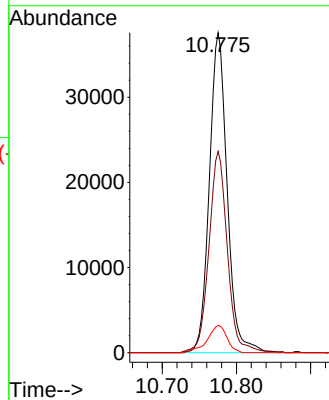
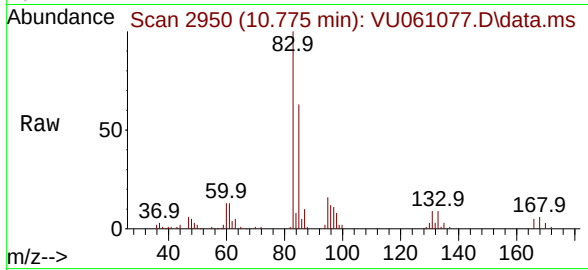




#57
1,1,2,2-Tetrachloroethane
Concen: 5.785 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

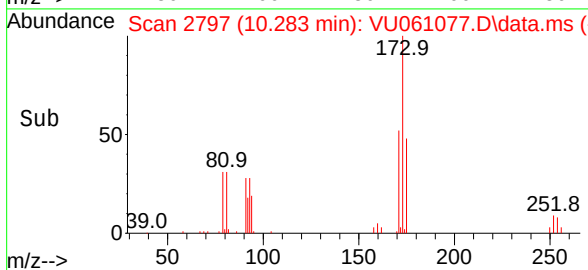
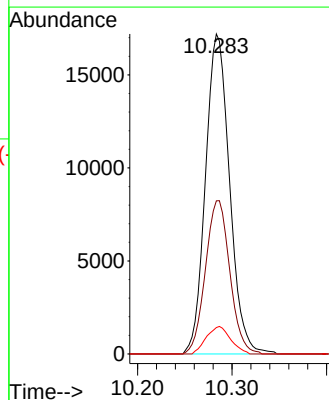
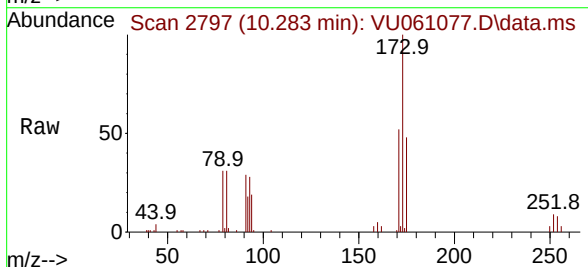
Instrument :
MSVOA_U
ClientSampleId :

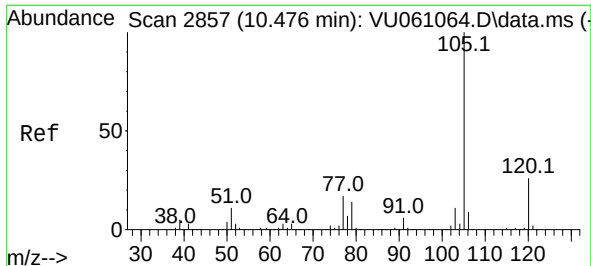
Tgt Ion: 83 Resp: 62537
Ion Ratio Lower Upper
83 100
85 62.9 42.9 79.7
131 8.5 8.4 12.6



#59
Bromoform
Concen: 5.378 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion:173 Resp: 30459
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 8.7 8.7 13.1#

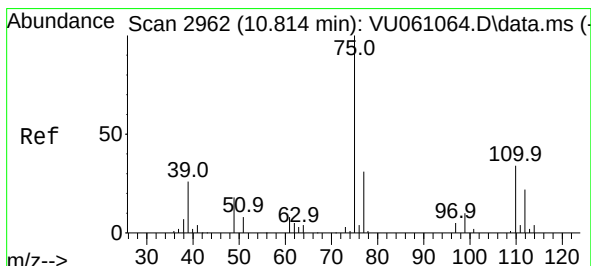
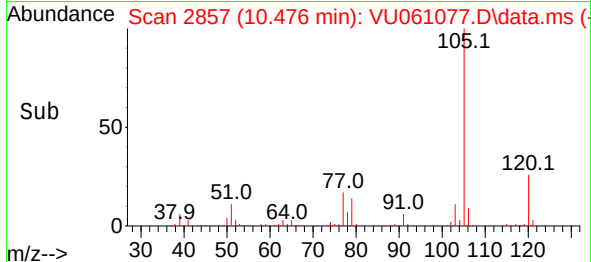
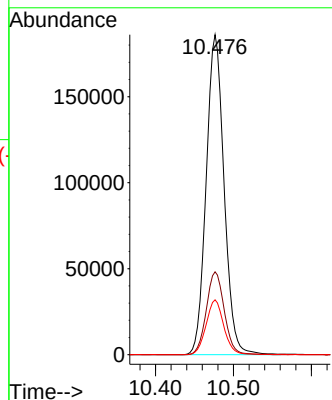
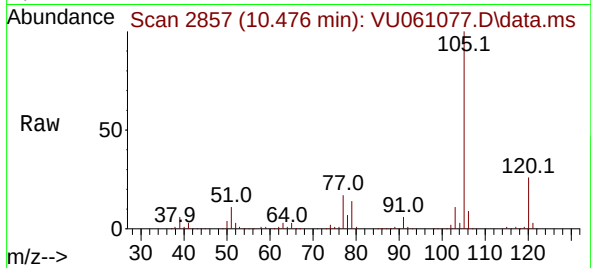




#60
Isopropylbenzene
Concen: 5.374 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

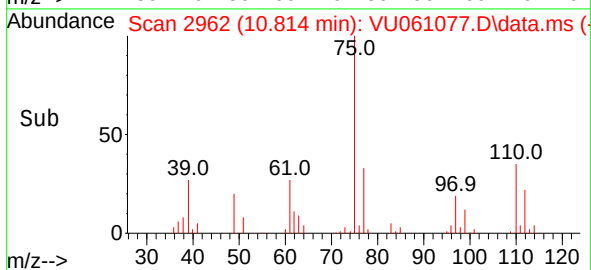
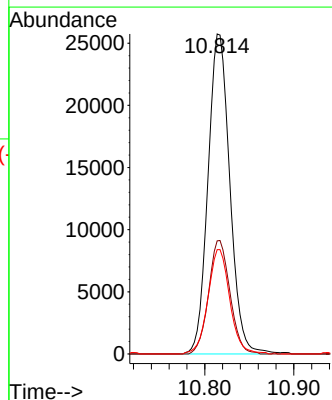
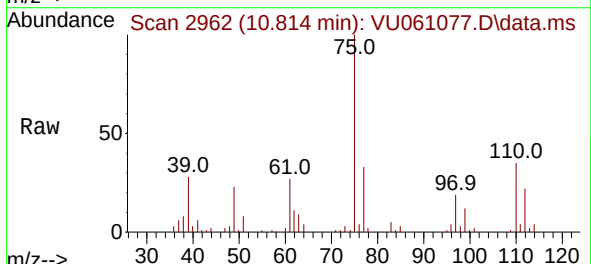
Instrument :
MSVOA_U
ClientSampleId :

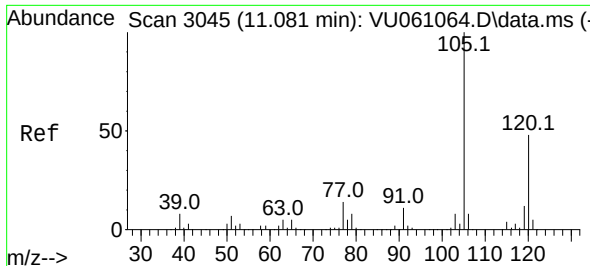
Tgt Ion:105 Resp: 296557
Ion Ratio Lower Upper
105 100
120 26.0 21.5 32.3
77 17.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.410 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 75 Resp: 43853
Ion Ratio Lower Upper
75 100
110 34.6 28.6 43.0
77 32.6 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.420 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

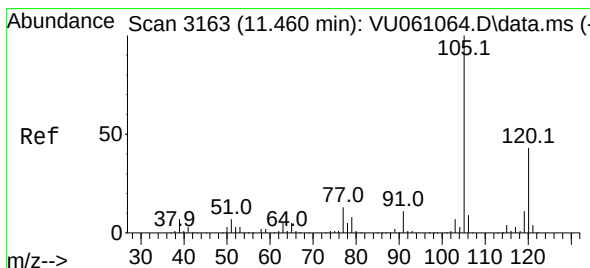
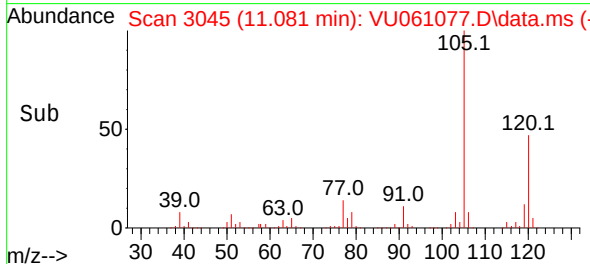
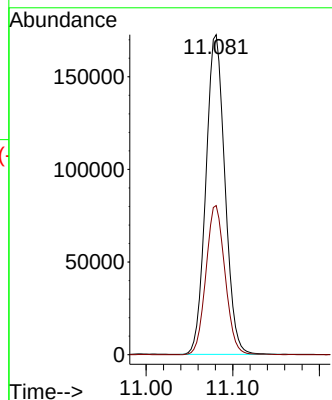
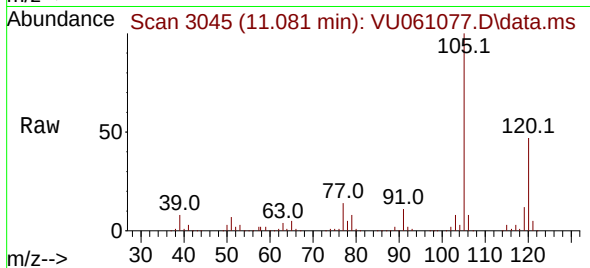
ClientSampleId :

Tgt Ion:105 Resp: 263593

Ion Ratio Lower Upper

105 100

120 46.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.412 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061077.D

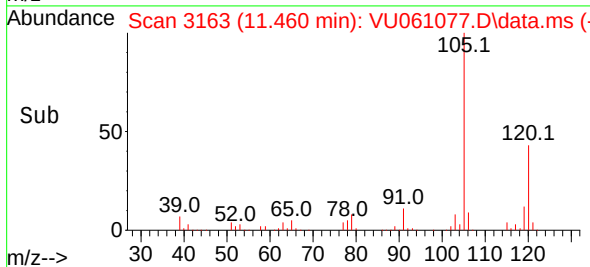
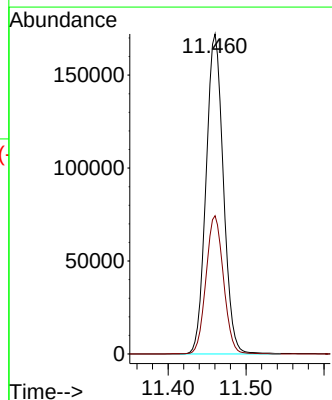
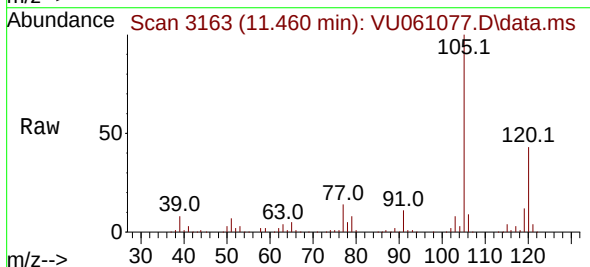
Acq: 02 Oct 2024 15:34

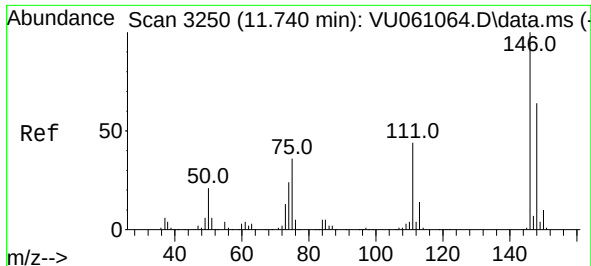
Tgt Ion:105 Resp: 265662

Ion Ratio Lower Upper

105 100

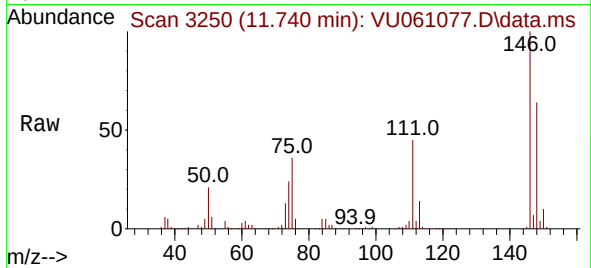
120 43.6 36.1 54.1



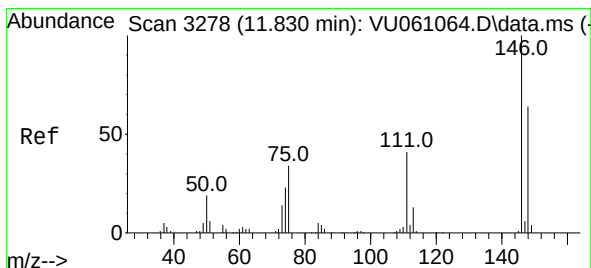
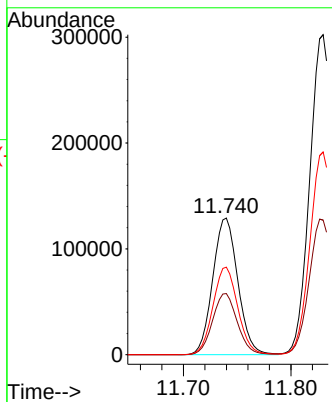
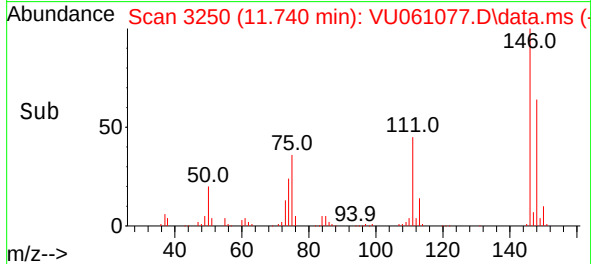


#64
1,3-Dichlorobenzene
Concen: 8.856 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

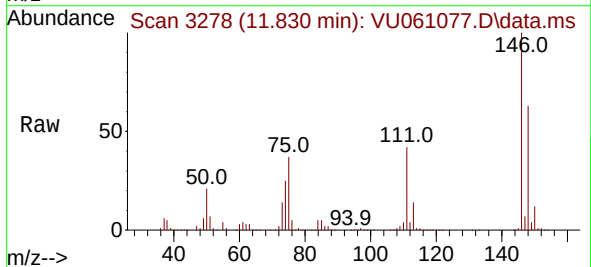
Instrument :
MSVOA_U
ClientSampleId :



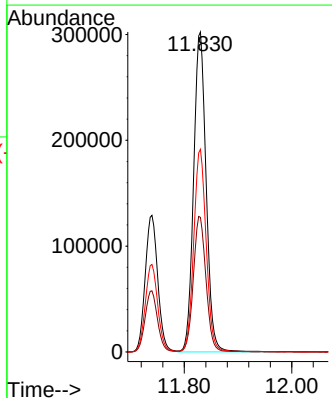
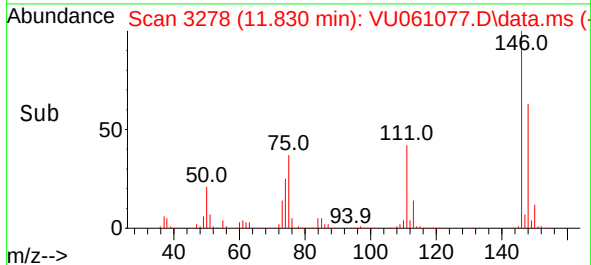
Tgt Ion:146 Resp: 209474
Ion Ratio Lower Upper
146 100
111 44.7 27.5 51.1
148 64.0 43.7 81.1

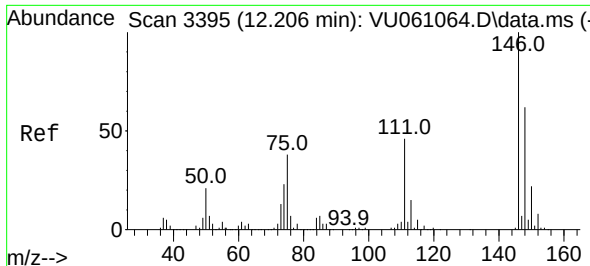


#65
1,4-Dichlorobenzene
Concen: 20.856 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34



Tgt Ion:146 Resp: 487655
Ion Ratio Lower Upper
146 100
111 42.1 26.3 48.9
148 63.4 45.3 84.1

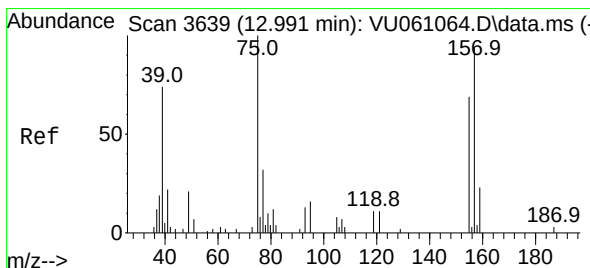
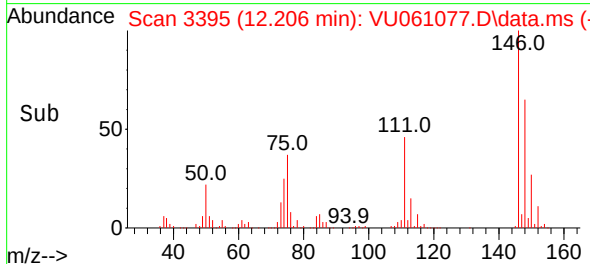
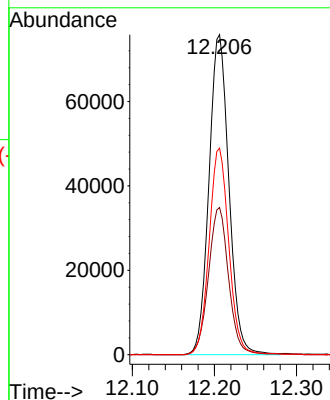
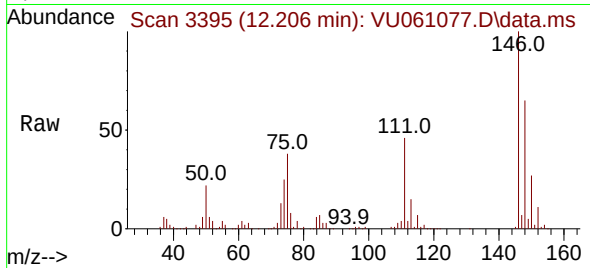




#67
1,2-Dichlorobenzene
Concen: 5.853 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

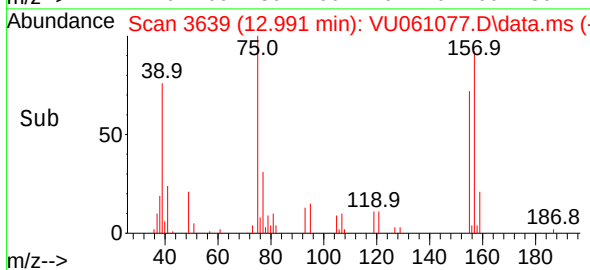
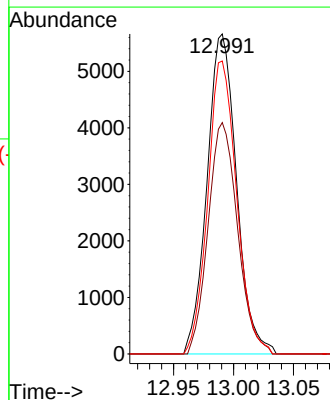
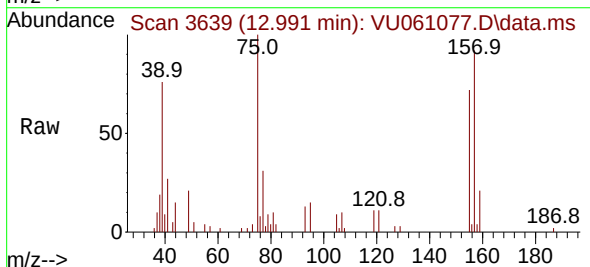
Instrument :
MSVOA_U
ClientSampleId :

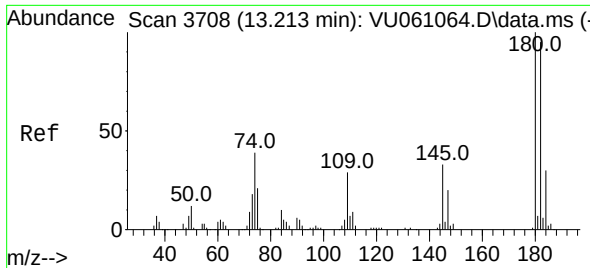
Tgt Ion:146 Resp: 127954
Ion Ratio Lower Upper
146 100
111 46.0 33.4 50.0
148 64.6 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.483 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU061077.D
Acq: 02 Oct 2024 15:34

Tgt Ion: 75 Resp: 9692
Ion Ratio Lower Upper
75 100
155 72.3 73.1 109.7#
157 91.5 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.655 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

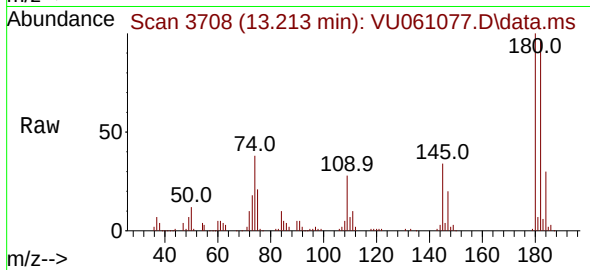
Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 94189

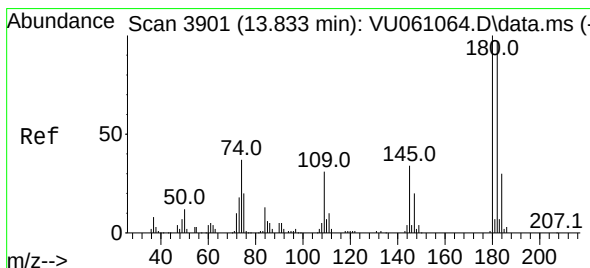
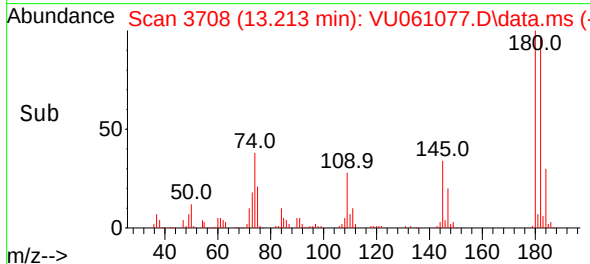
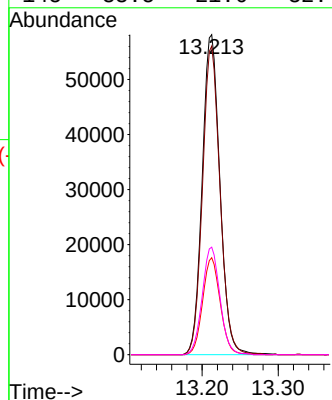
Ion Ratio Lower Upper

180 100

182 95.2 74.5 111.7

184 30.0 23.2 34.8

145 33.5 21.6 32.4#



#70

1,2,4-trichlorobenzene

Concen: 6.145 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

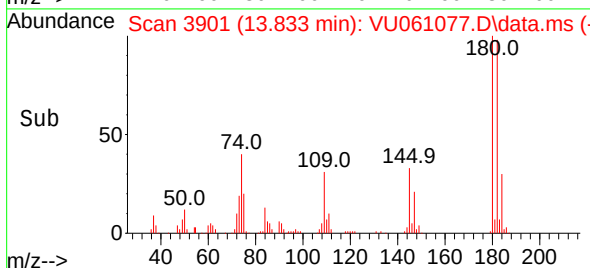
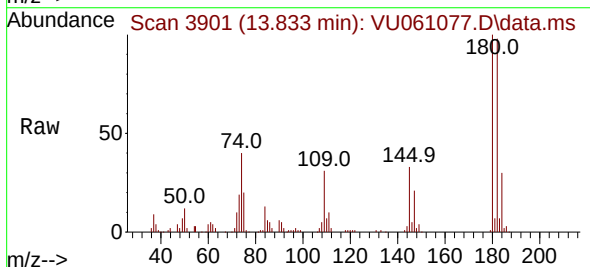
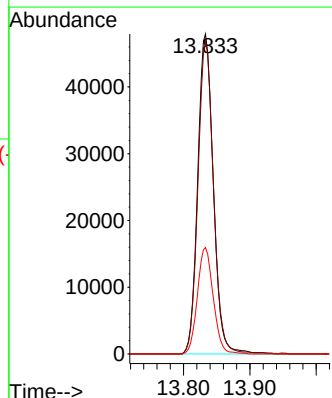
Tgt Ion:180 Resp: 78428

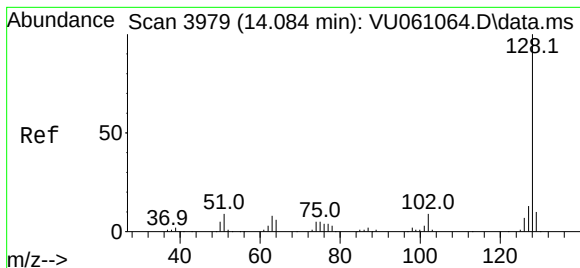
Ion Ratio Lower Upper

180 100

182 97.1 77.4 116.2

145 33.7 22.9 34.3





#71

Naphthalene

Concen: 6.152 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Instrument :

MSVOA_U

ClientSampleId :

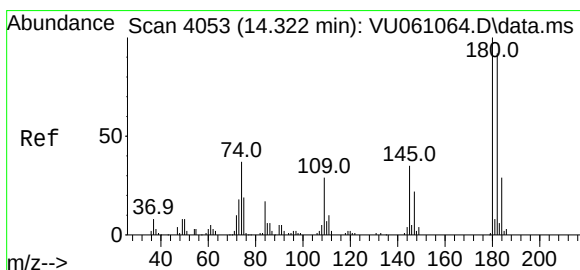
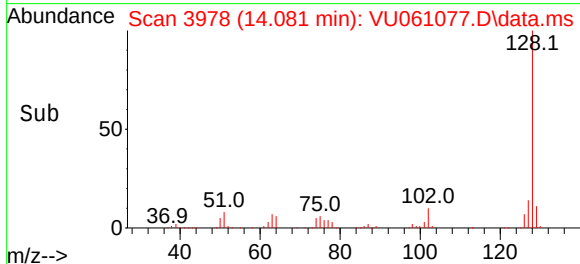
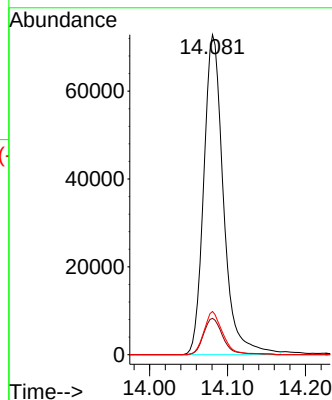
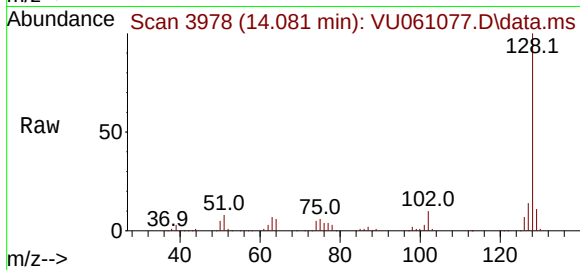
Tgt Ion:128 Resp: 128266

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

127 12.7 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.971 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061077.D

Acq: 02 Oct 2024 15:34

Tgt Ion:180 Resp: 63416

Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

145 34.6 23.5 35.3

