

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061064.D
 Acq On : 02 Oct 2024 09:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:21:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65666	5.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.911	69	49501	5.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.563	65	28125	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.634	46	160475	52.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	5.055	84	121473	5.389	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	62248	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.721	84	236606	5.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.682	67	76568	5.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.891	98	219429	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.174	79	30008	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.628	63	134112	52.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57002	5.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	69313	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46520	5.335	ug/L	98
3) Chloromethane	1.518	50	66128	5.251	ug/L	97
5) Vinyl chloride	1.602	62	69018	5.459	ug/L	97
6) Bromomethane	1.856	94	34779	5.157	ug/L	99
8) Chloroethane	1.930	64	42892	5.594	ug/L	98
9) Trichlorofluoromethane	2.136	101	90031	5.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58122	5.417	ug/L	95
12) 1,1-Dichloroethene	2.576	96	57063	5.524	ug/L	93
13) Acetone	2.653	43	100897	51.206	ug/L	99
14) Carbon disulfide	2.789	76	188148	5.359	ug/L	99
15) Methyl Acetate	2.959	43	24298	5.065	ug/L	98
16) Methylene chloride	3.039	84	65557	5.528	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	161353	5.458	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	61886	5.465	ug/L	91
19) 1,1-Dichloroethane	3.859	63	121676	5.521	ug/L	98
21) 2-Butanone	4.711	43	172022	53.031	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	69649	5.522	ug/L	94
23) Bromochloromethane	4.969	128	28420	5.598	ug/L #	86
25) Chloroform	5.078	83	123751	5.606	ug/L	98
27) 1,2-Dichloroethane	5.785	62	80079	5.507	ug/L	95

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 ClientSampleId :

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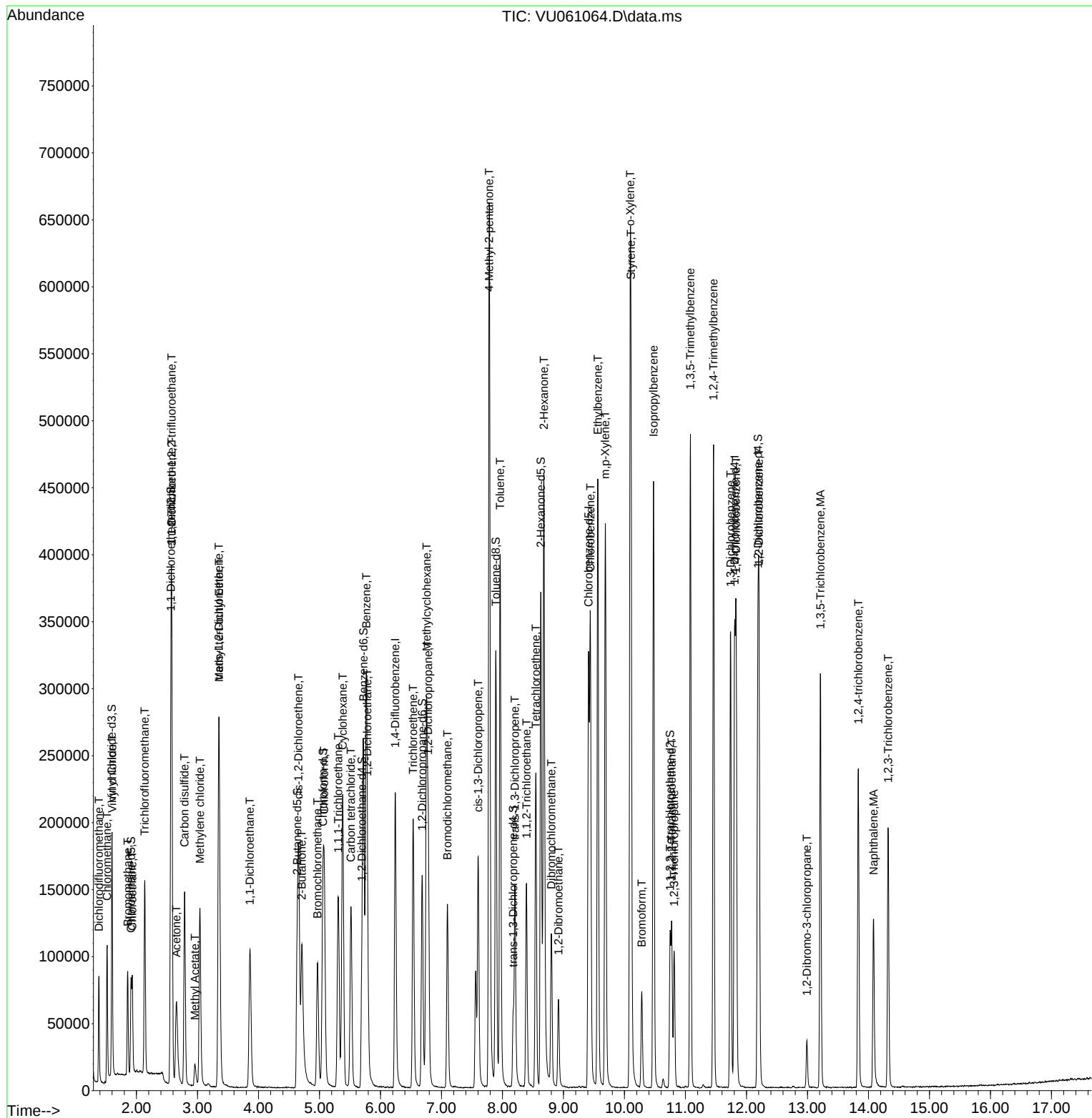
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.309	97	105934	5.443	ug/L	97
30) Cyclohexane	5.380	56	117246	5.408	ug/L	94
31) Carbon tetrachloride	5.515	117	90785	5.497	ug/L	100
33) Benzene	5.766	78	272002	5.486	ug/L	100
34) Trichloroethene	6.534	95	72297	5.379	ug/L	94
35) Methylcyclohexane	6.756	83	112862	5.200	ug/L	97
37) 1,2-Dichloropropane	6.782	63	72742	5.568	ug/L #	98
38) Bromodichloromethane	7.097	83	88896	5.442	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	103764	5.065	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	455050	54.376	ug/L	94
42) Toluene	7.962	91	288687	5.466	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	85460	5.045	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	47112	5.441	ug/L	96
47) Tetrachloroethene	8.547	164	48487	5.543	ug/L	95
48) 2-Hexanone	8.679	43	315487	54.375	ug/L	94
49) Dibromochloromethane	8.801	129	57418	5.699	ug/L	96
50) 1,2-Dibromoethane	8.917	107	44913	5.479	ug/L #	99
51) Chlorobenzene	9.441	112	178085	5.535	ug/L	93
52) Ethylbenzene	9.563	91	328483	5.488	ug/L	99
53) m,p-Xylene	9.685	106	119397	5.468	ug/L	91
54) o-Xylene	10.094	106	117704	5.479	ug/L	91
55) Styrene	10.107	104	191579	5.526	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.775	83	59808	5.497	ug/L	98
59) Bromoform	10.283	173	30922	5.660	ug/L	98
60) Isopropylbenzene	10.476	105	294674	5.536	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	42344	5.415	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	258012	5.500	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	262459	5.543	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	129884	5.692	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	126284	5.599	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	119635	5.673	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	9557	5.604	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.213	180	88010	5.478	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68984	5.603	ug/L	97
71) Naphthalene	14.084	128	108544	5.397	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56233	5.488	ug/L	95

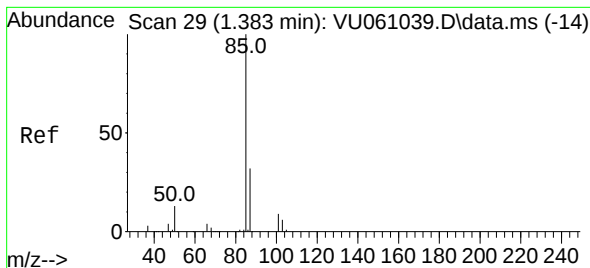
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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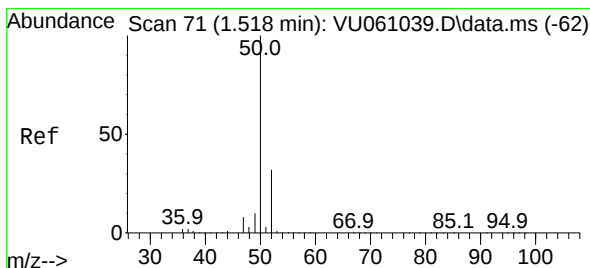
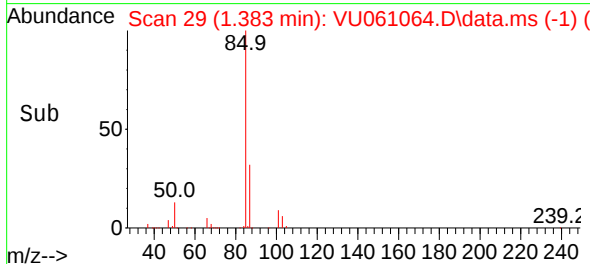
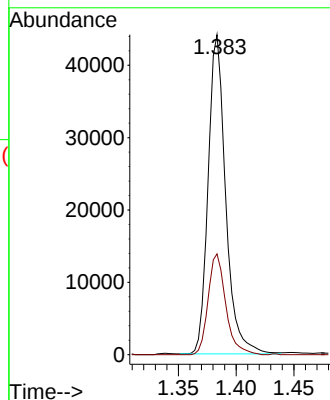
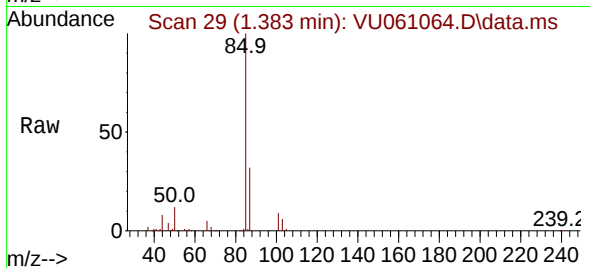




#2
Dichlorodifluoromethane
Concen: 5.335 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

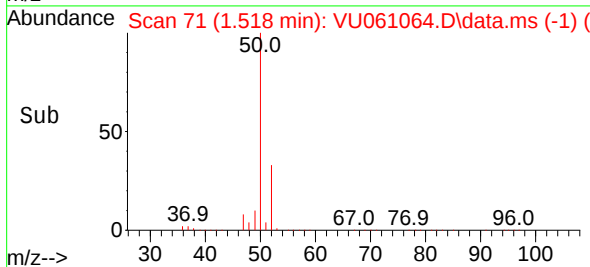
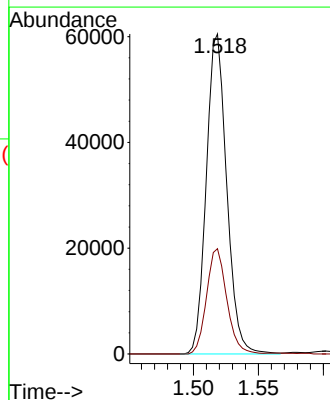
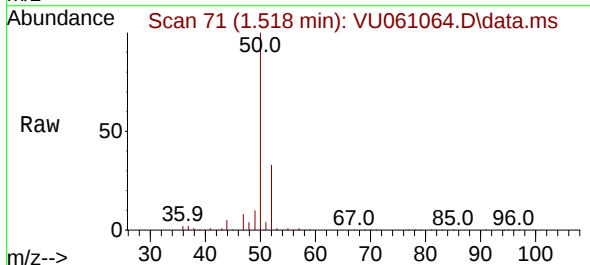
Instrument :
MSVOA_U
ClientSampleId :

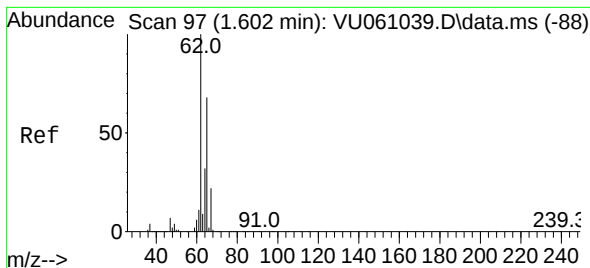
Tgt Ion: 85 Resp: 46520
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.2



#3
Chloromethane
Concen: 5.251 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.001 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 50 Resp: 66128
Ion Ratio Lower Upper
50 100
52 32.9 24.4 45.4





#5

Vinyl chloride

Concen: 5.459 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

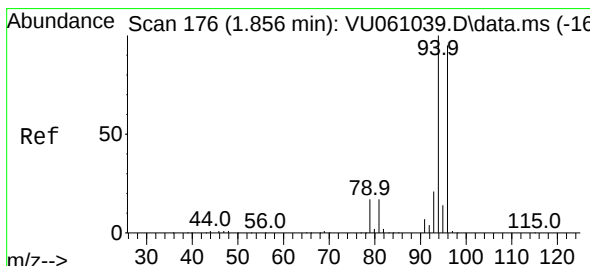
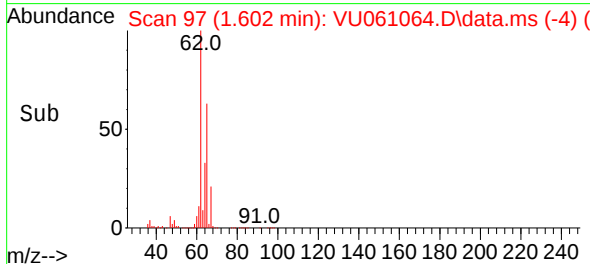
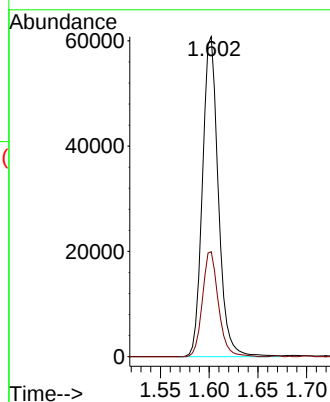
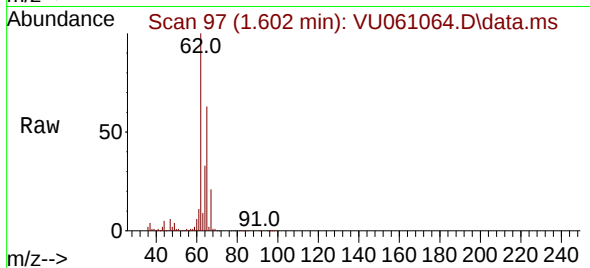
ClientSampleId :

Tgt Ion: 62 Resp: 69018

Ion Ratio Lower Upper

62 100

64 32.8 24.0 44.6



#6

Bromomethane

Concen: 5.157 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU061064.D

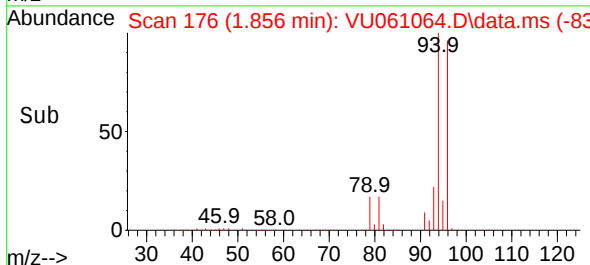
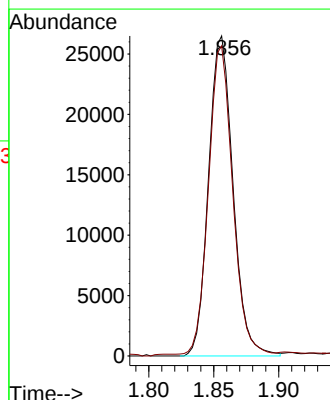
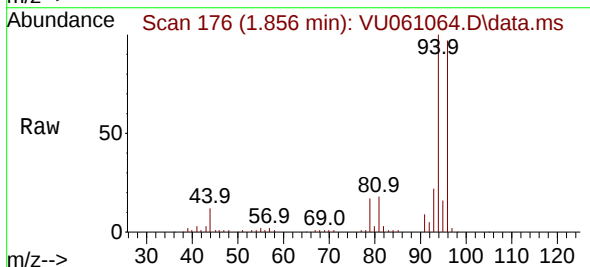
Acq: 02 Oct 2024 09:41

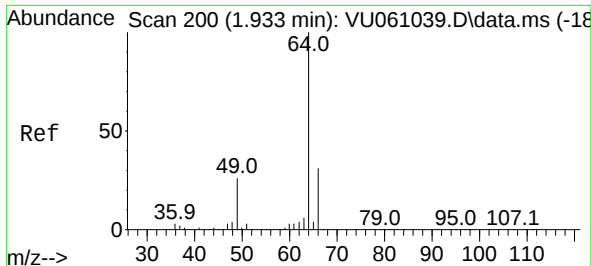
Tgt Ion: 94 Resp: 34779

Ion Ratio Lower Upper

94 100

96 96.9 67.3 124.9

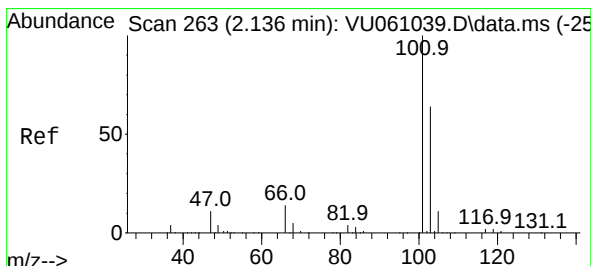
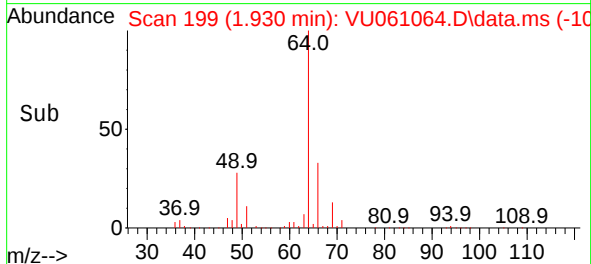
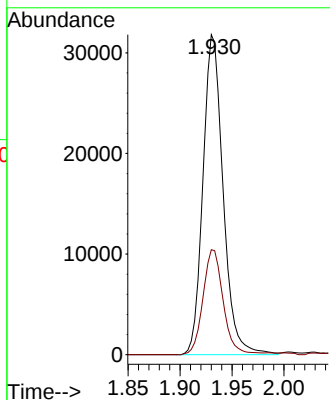
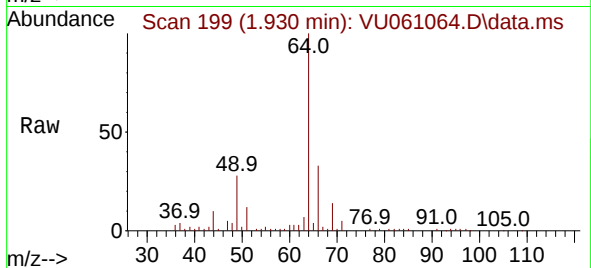




#8
Chloroethane
Concen: 5.594 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

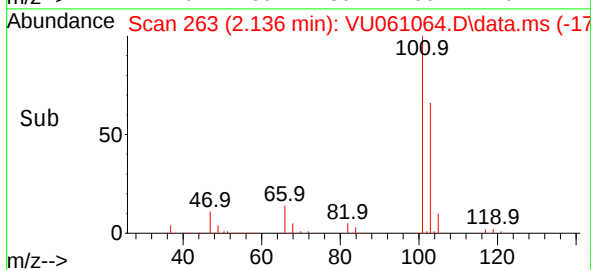
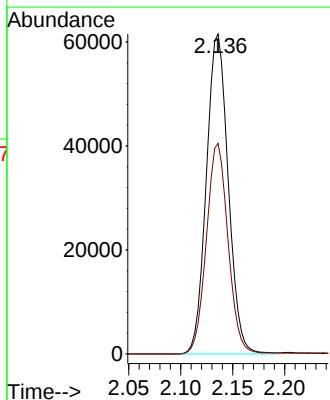
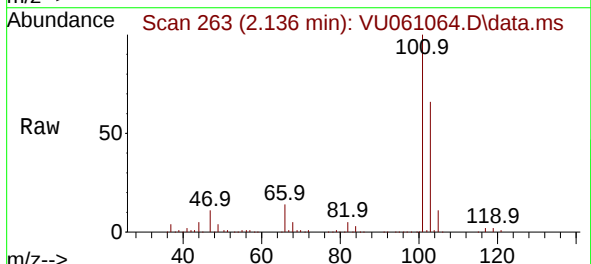
Instrument :
MSVOA_U
ClientSampleId :

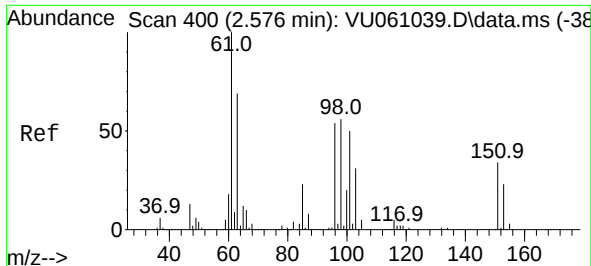
Tgt Ion: 64 Resp: 42892
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.543 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 101 Resp: 90031
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2





#10

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

Concen: 5.417 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

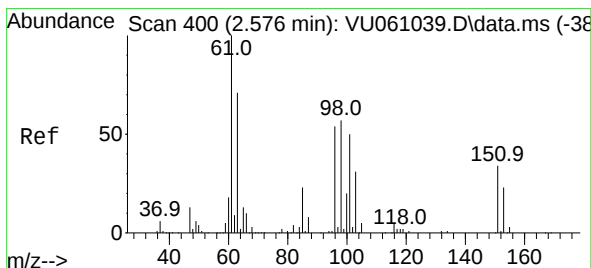
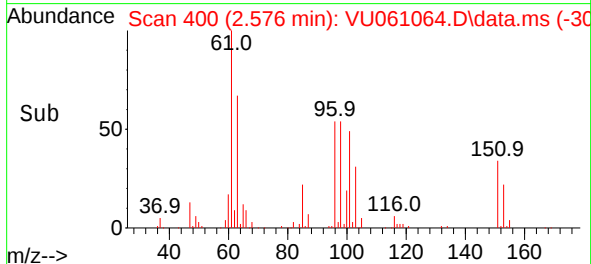
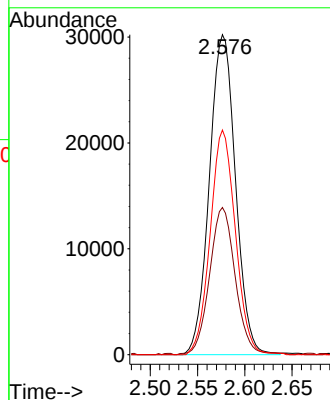
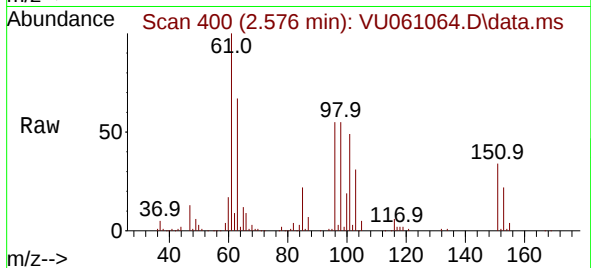
Tgt Ion:101 Resp: 58122

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

151 67.8 58.6 88.0



#12

1,1-Dichloroethene

Concen: 5.524 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

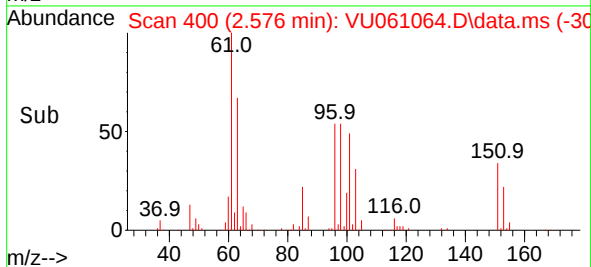
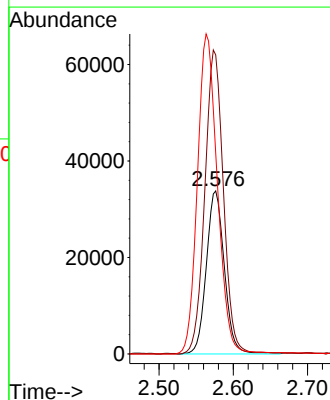
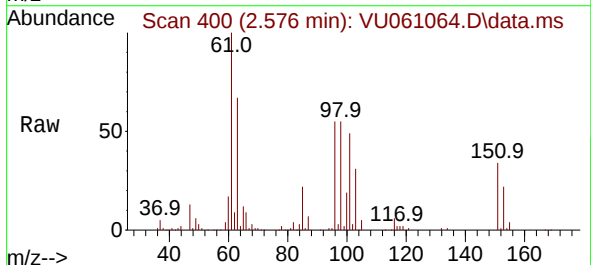
Tgt Ion: 96 Resp: 57063

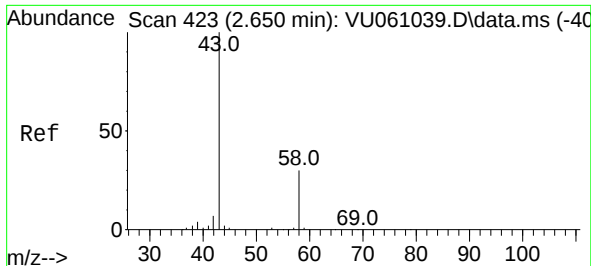
Ion Ratio Lower Upper

96 100

61 183.5 120.7 224.1

63 123.1 90.0 167.2





#13

Acetone

Concen: 51.206 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061064.D

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MSVOA_U

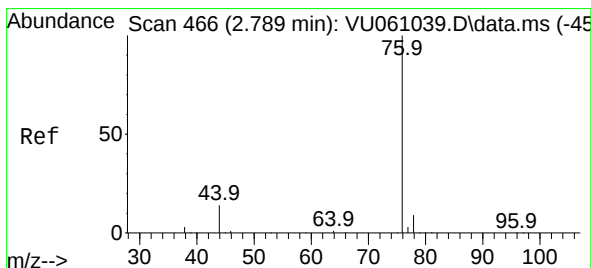
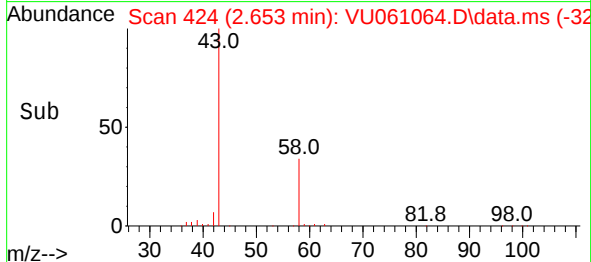
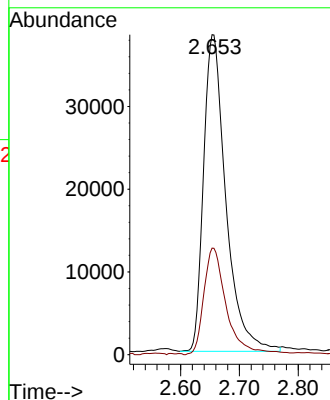
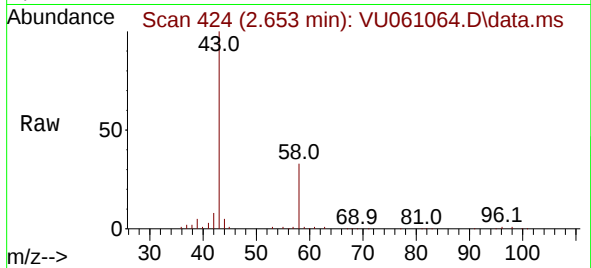
ClientSampleId :

Tgt Ion: 43 Resp: 100897

Ion Ratio Lower Upper

43 100

58 34.3 0.0 69.6



#14

Carbon disulfide

Concen: 5.359 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.000 min

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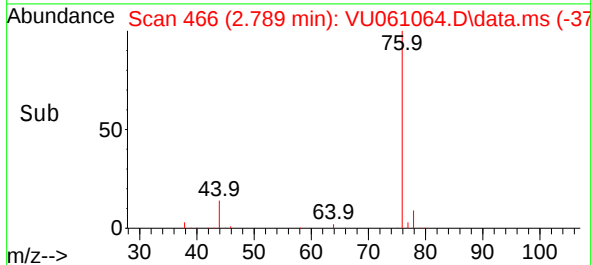
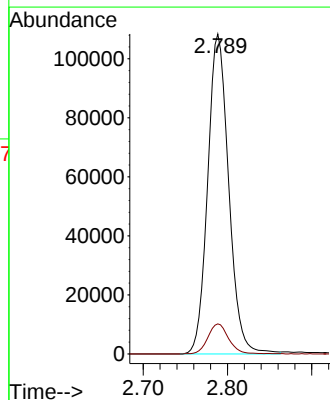
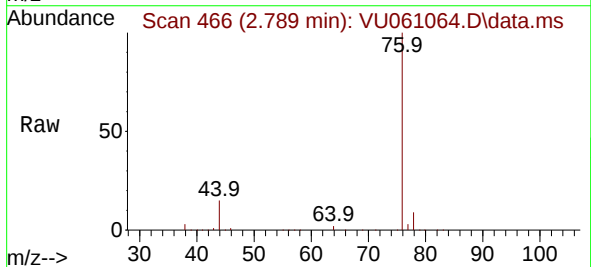
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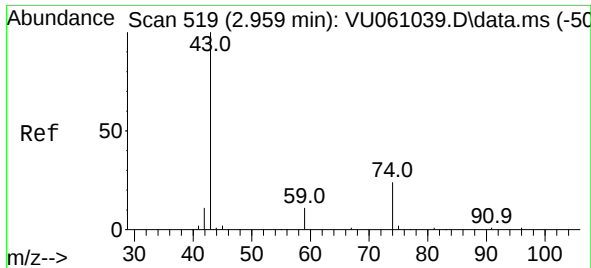
Tgt Ion: 76 Resp: 188148

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

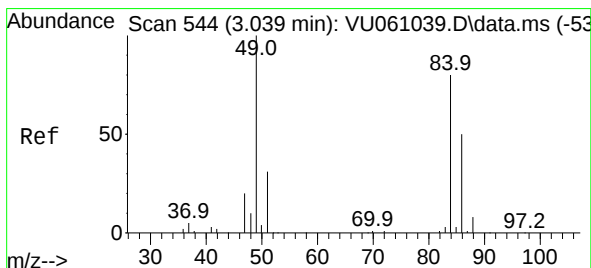
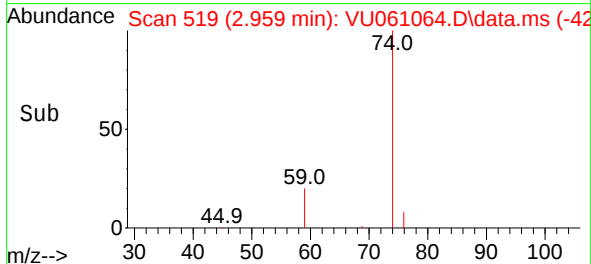
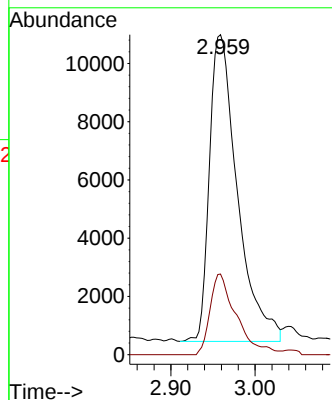
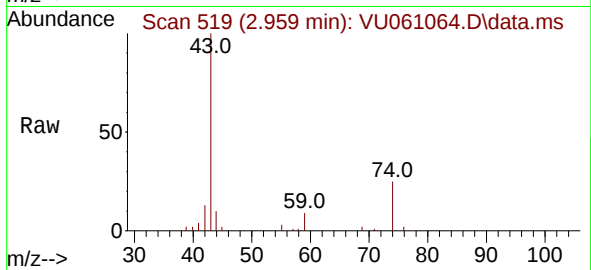




#15
Methyl Acetate
Concen: 5.065 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

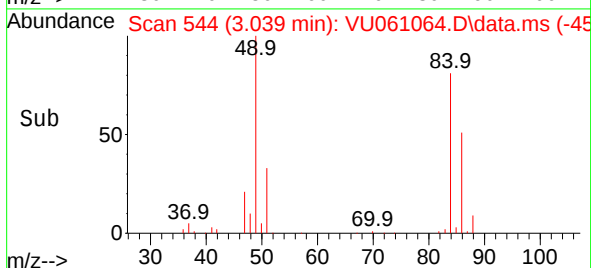
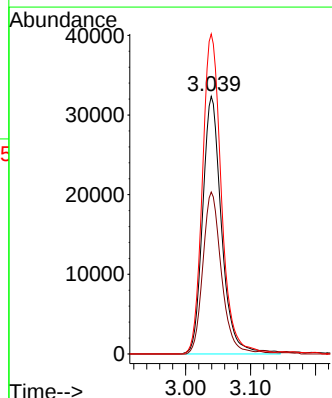
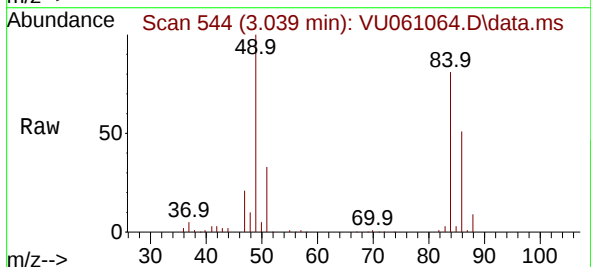
Instrument :
MSVOA_U
ClientSampleId :

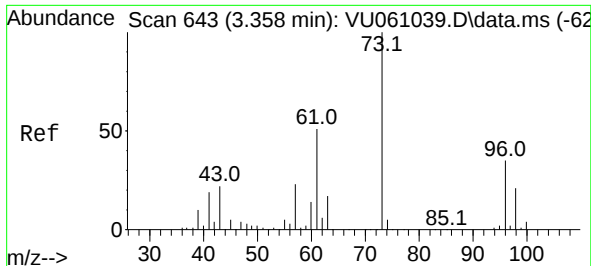
Tgt Ion: 43 Resp: 24298
Ion Ratio Lower Upper
43 100
74 24.7 18.9 28.3



#16
Methylene chloride
Concen: 5.528 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 84 Resp: 65557
Ion Ratio Lower Upper
84 100
86 62.8 47.3 87.8
49 124.2 78.7 146.1

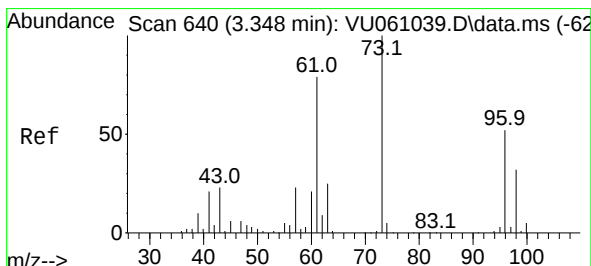
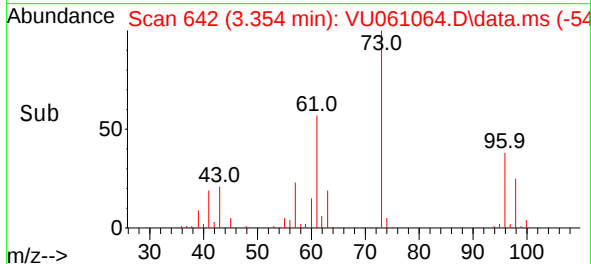
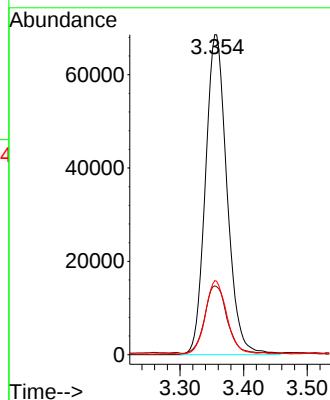
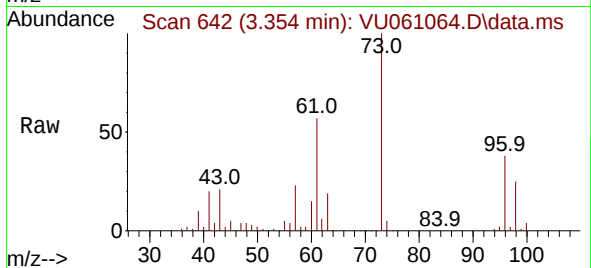




#17
Methyl tert-butyl Ether
Concen: 5.458 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

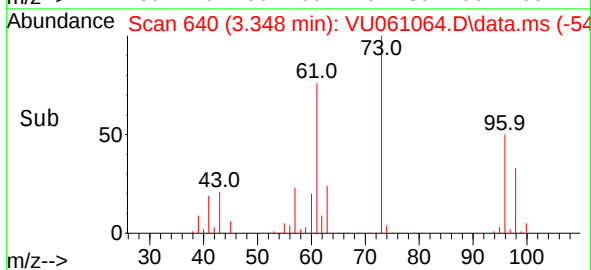
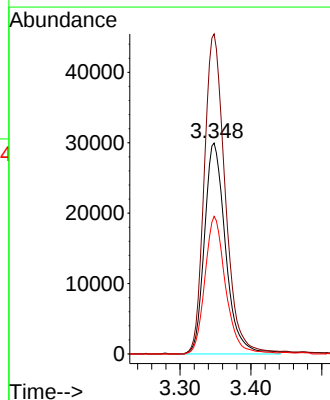
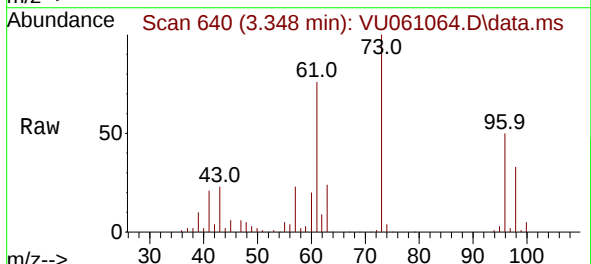
Instrument :
MSVOA_U
ClientSampleId :

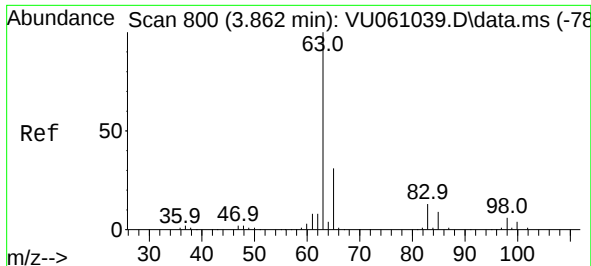
Tgt Ion: 73 Resp: 161353
Ion Ratio Lower Upper
73 100
43 21.8 13.8 20.8#
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.465 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

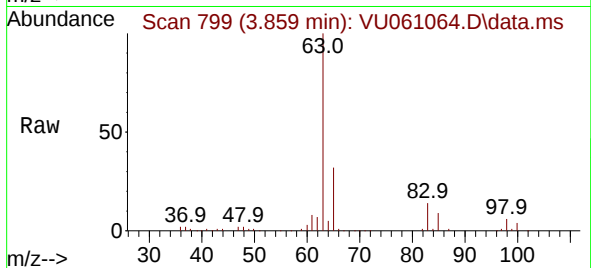
Tgt Ion: 96 Resp: 61886
Ion Ratio Lower Upper
96 100
61 151.7 97.2 180.6
98 65.2 43.3 80.5



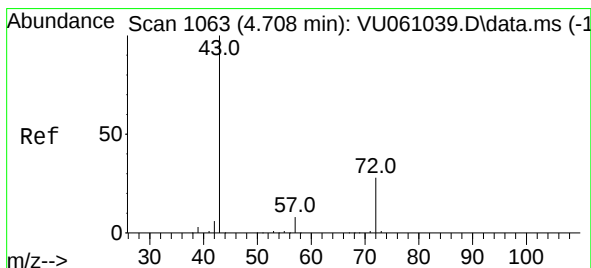
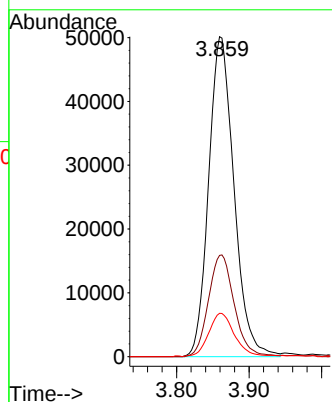
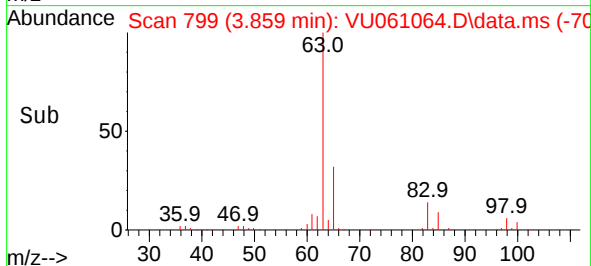


#19
1,1-Dichloroethane
Concen: 5.521 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

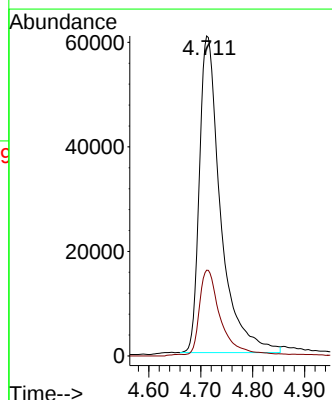
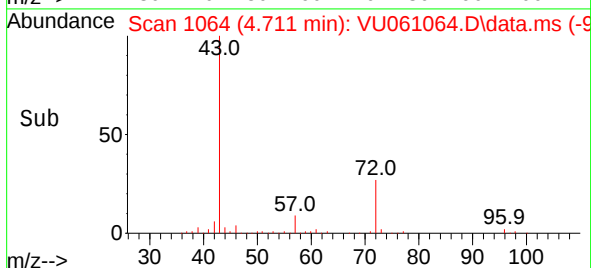
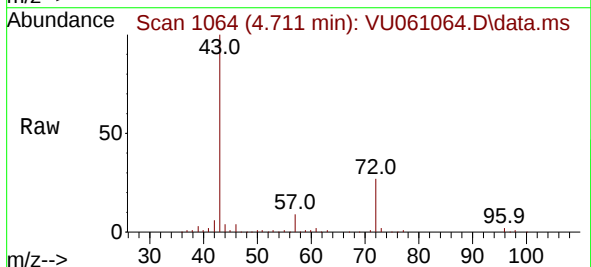


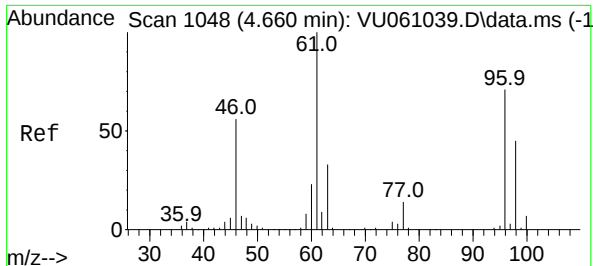
Tgt Ion: 63 Resp: 121676
Ion Ratio Lower Upper
63 100
65 31.6 23.0 42.8
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 53.031 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 43 Resp: 172022
Ion Ratio Lower Upper
43 100
72 26.6 14.8 44.3

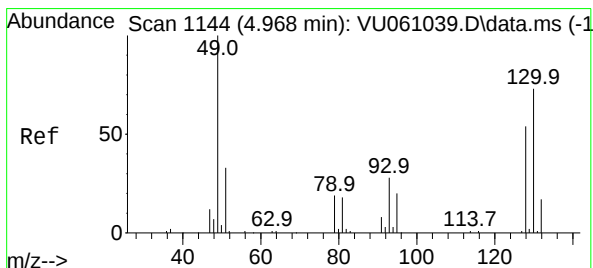
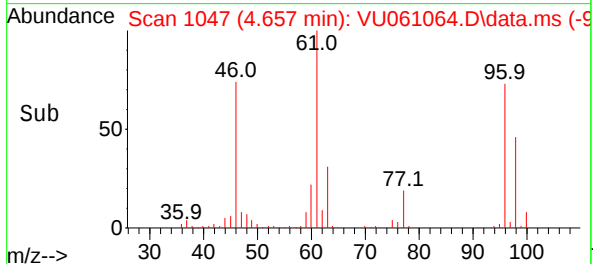
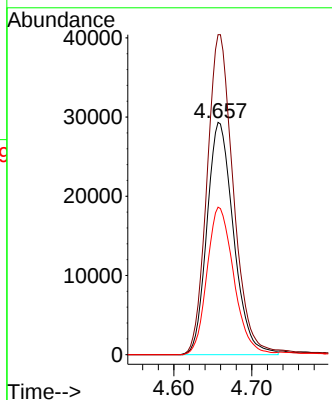
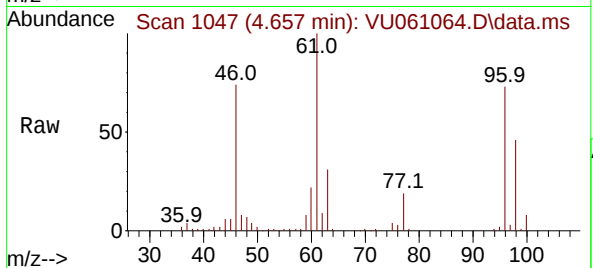




#22
 cis-1,2-Dichloroethene
 Concen: 5.522 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41

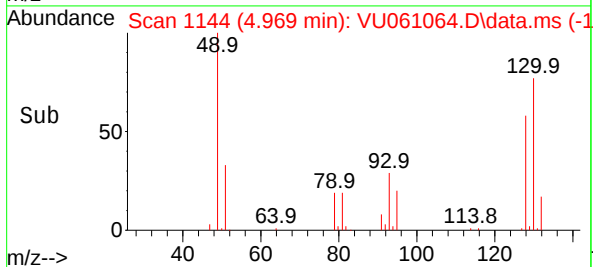
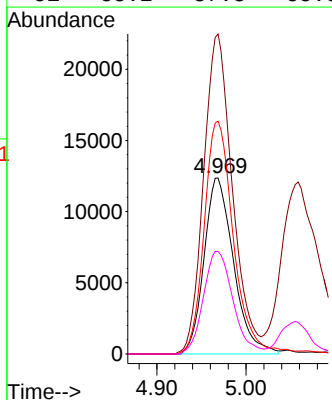
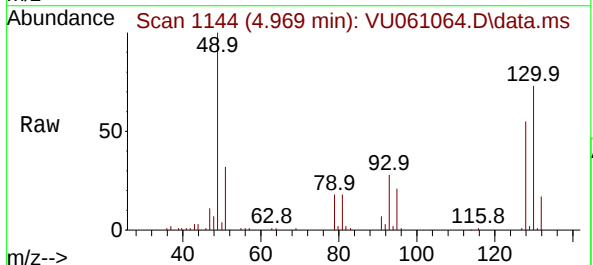
Instrument :
 MSVOA_U
 ClientSampleId :

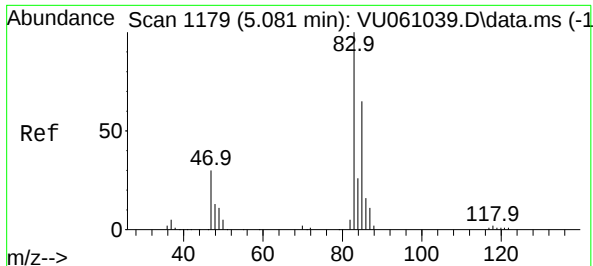
Tgt Ion:	96	Resp:	69649
Ion	Ratio	Lower	Upper
96	100		
61	137.8	89.7	166.5
98	63.5	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.598 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41

Tgt Ion:	128	Resp:	28420
Ion	Ratio	Lower	Upper
128	100		
49	181.8	109.6	203.6
130	132.3	87.8	163.0
51	58.2	37.3	55.9





#25

Chloroform

Concen: 5.606 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

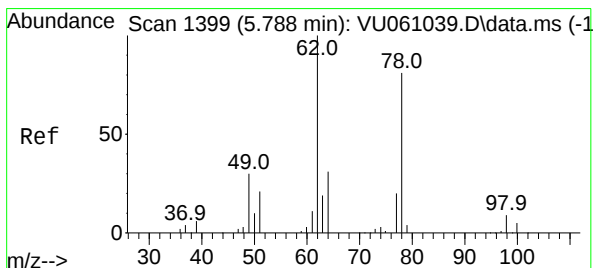
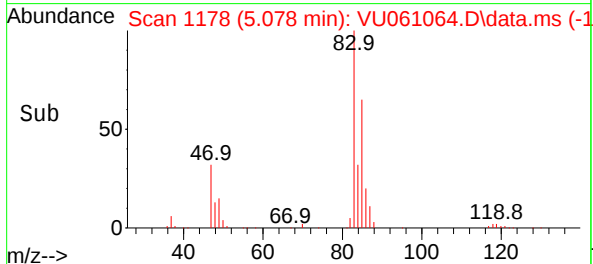
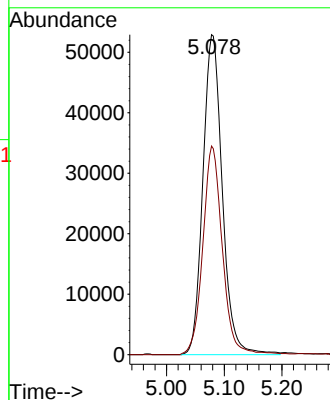
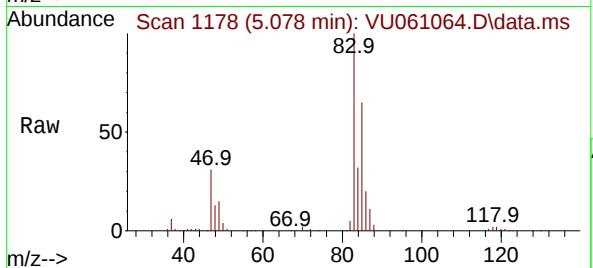
ClientSampleId :

Tgt Ion: 83 Resp: 123751

Ion Ratio Lower Upper

83 100

85 65.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.507 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061064.D

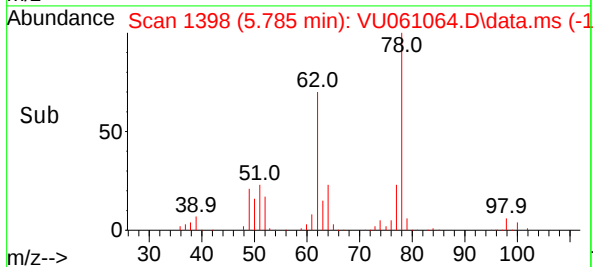
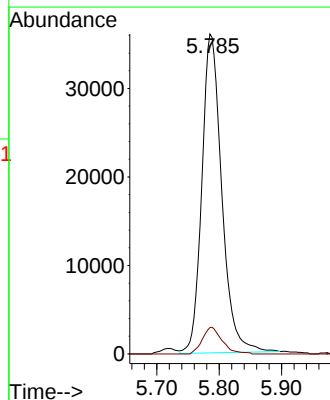
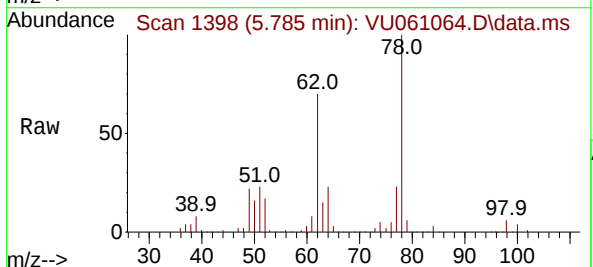
Acq: 02 Oct 2024 09:41

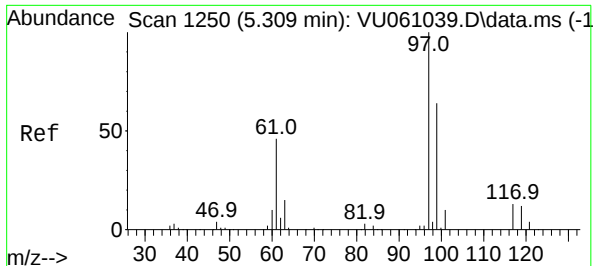
Tgt Ion: 62 Resp: 80079

Ion Ratio Lower Upper

62 100

98 8.3 8.2 12.4

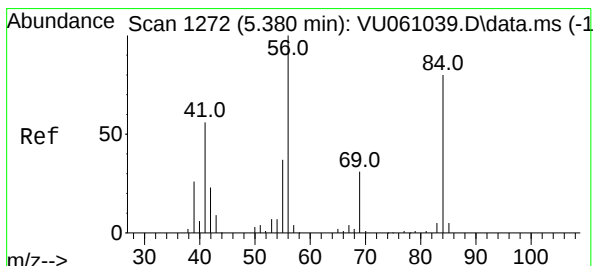
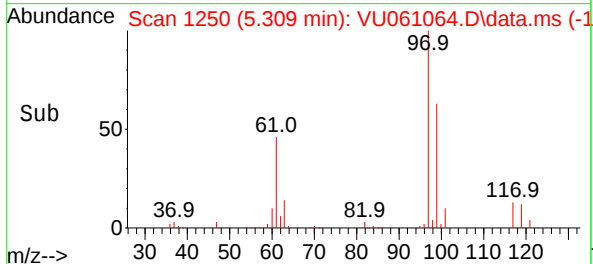
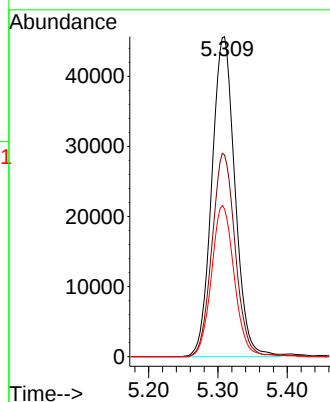
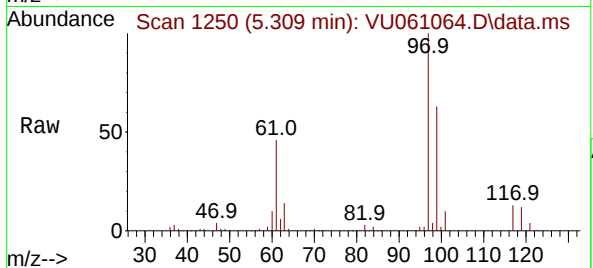




#29
1,1,1-Trichloroethane
Concen: 5.443 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

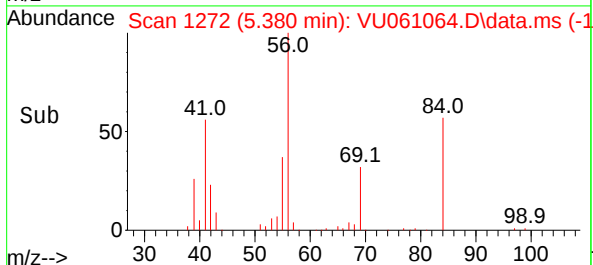
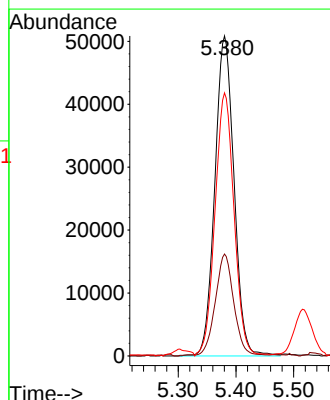
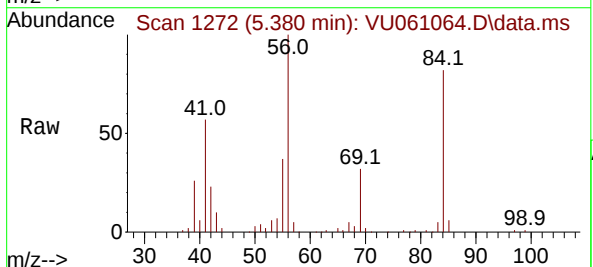
Instrument :
MSVOA_U
ClientSampleId :

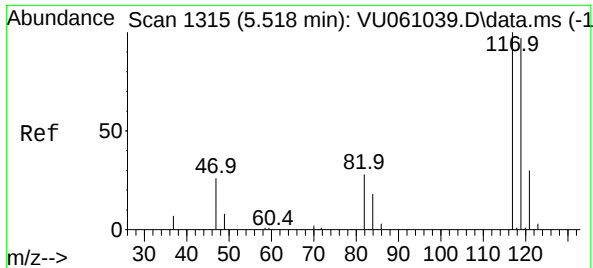
Tgt Ion: 97 Resp: 105934
Ion Ratio Lower Upper
97 100
99 63.5 50.5 75.7
61 46.8 34.4 51.6



#30
Cyclohexane
Concen: 5.408 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 56 Resp: 117246
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.0
84 82.0 71.0 106.6

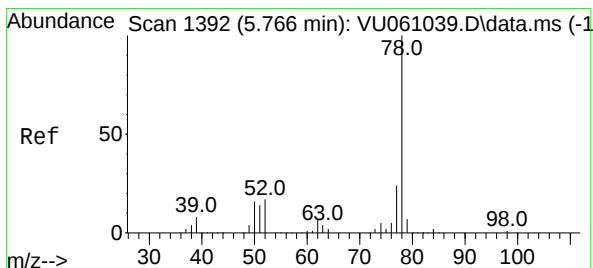
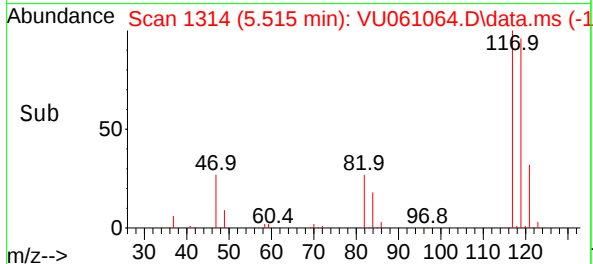
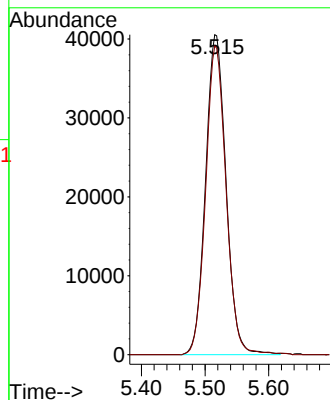
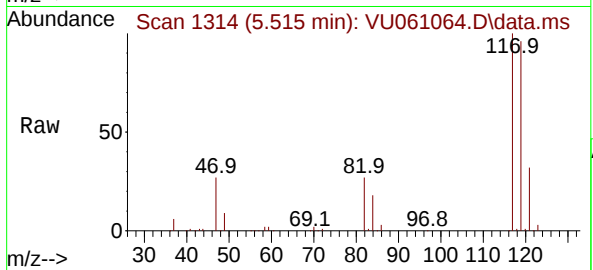




#31
Carbon tetrachloride
Concen: 5.497 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

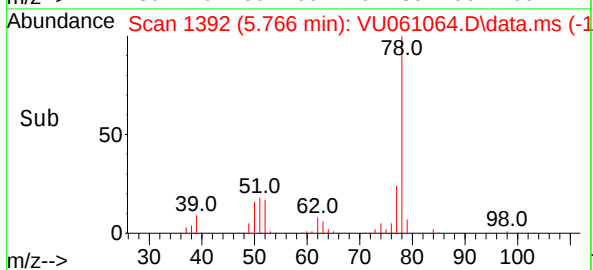
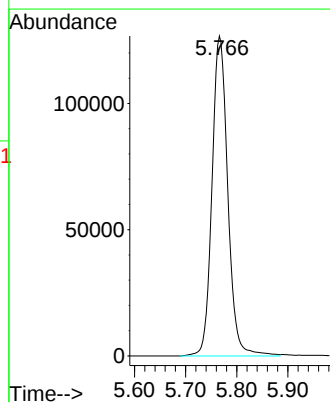
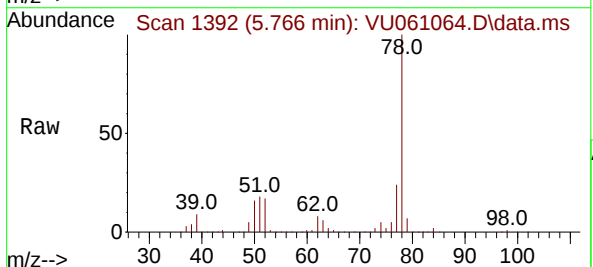
Instrument :
MSVOA_U
ClientSampleId :

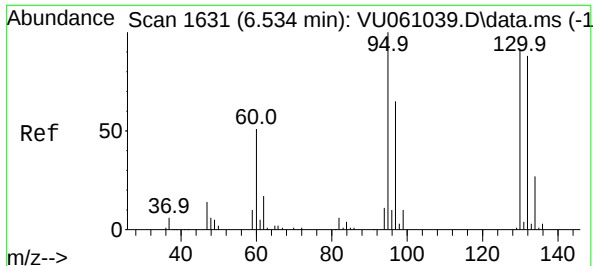
Tgt Ion:117 Resp: 90785
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 5.486 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 78 Resp: 272002





#34

Trichloroethene

Concen: 5.379 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 72297

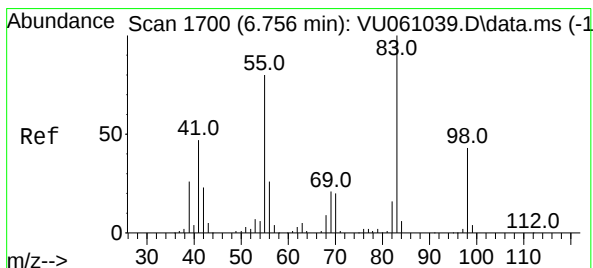
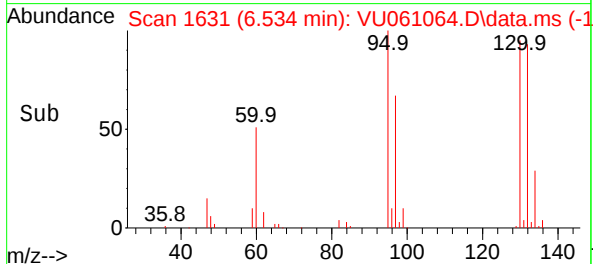
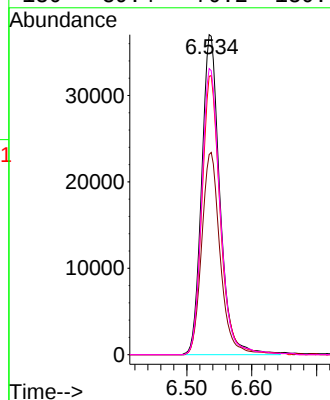
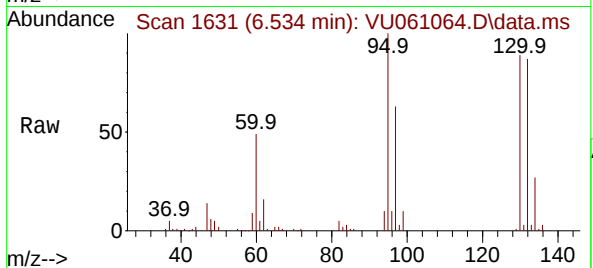
Ion Ratio Lower Upper

95 100

97 62.6 44.9 83.5

132 87.0 63.5 117.9

130 89.4 70.2 130.4



#35

Methylcyclohexane

Concen: 5.200 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

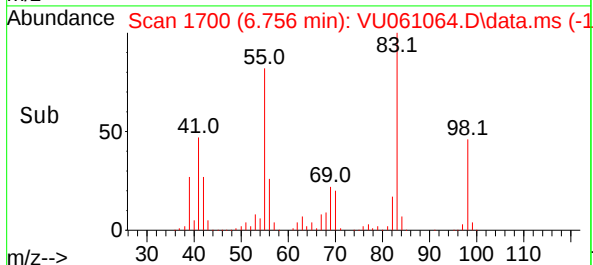
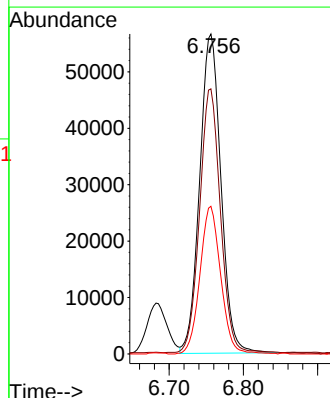
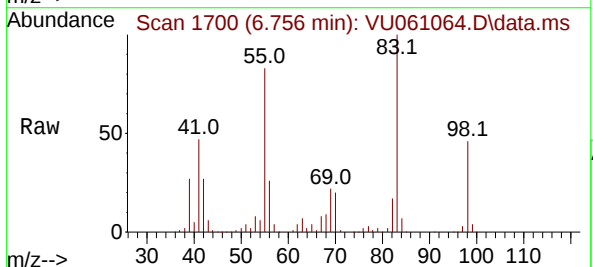
Tgt Ion: 83 Resp: 112862

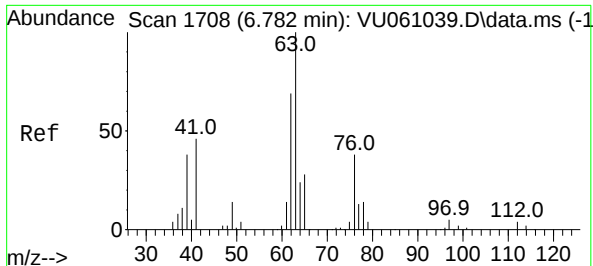
Ion Ratio Lower Upper

83 100

55 80.5 62.6 94.0

98 45.1 37.6 56.4

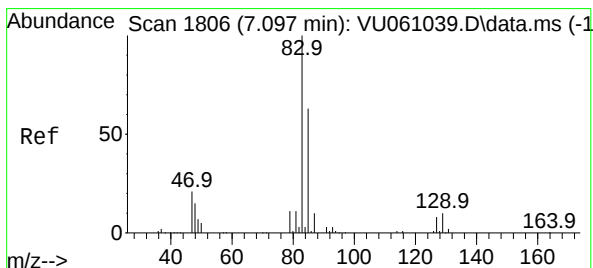
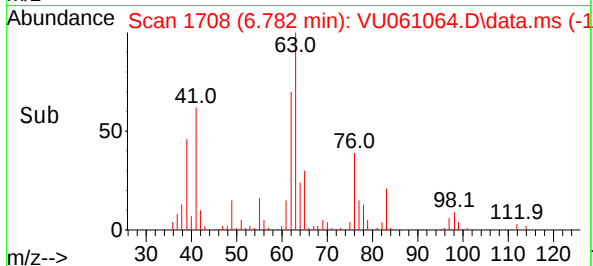
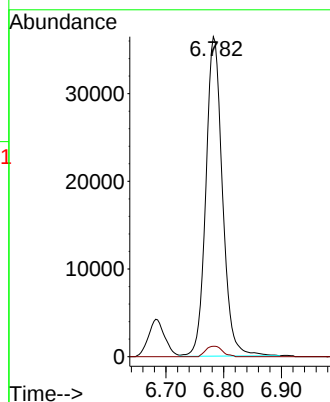
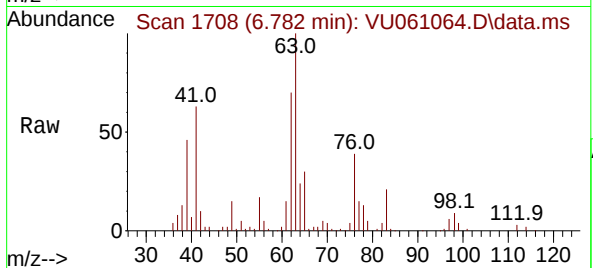




#37
1,2-Dichloropropane
Concen: 5.568 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

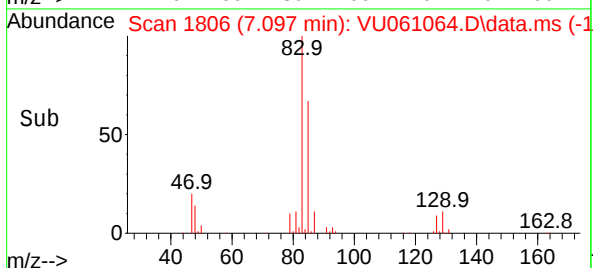
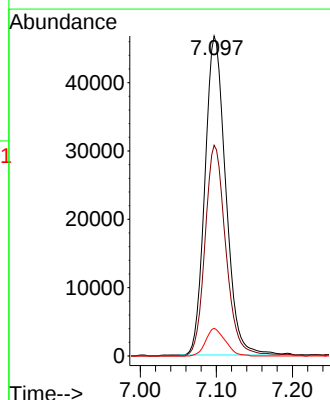
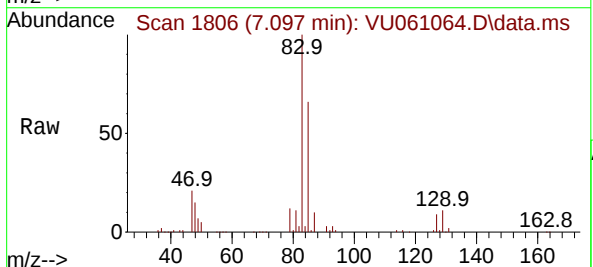
Instrument :
MSVOA_U
ClientSampleId :

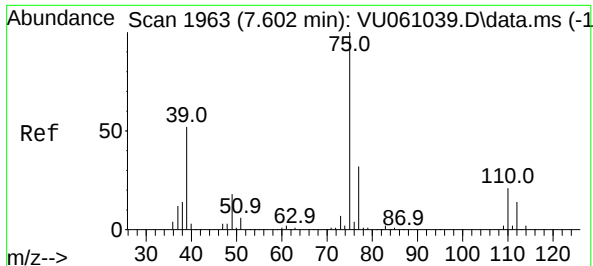
Tgt Ion: 63 Resp: 72742
Ion Ratio Lower Upper
63 100
112 3.3 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.442 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 83 Resp: 88896
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8
127 8.7 7.0 10.6

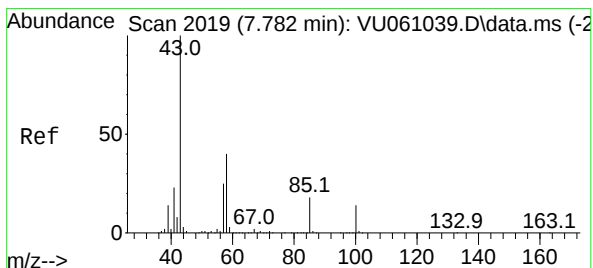
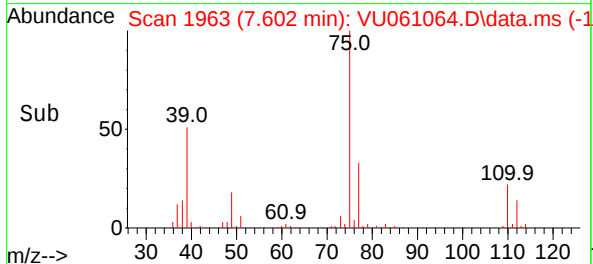
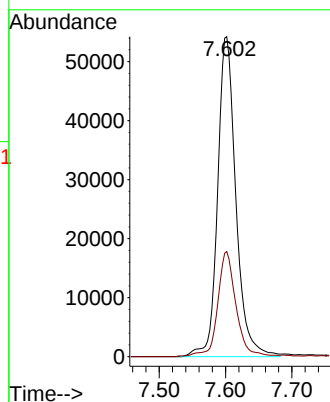
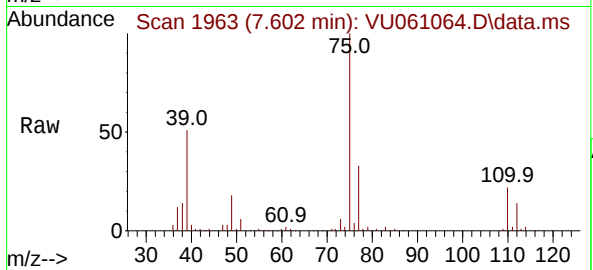




#39
 cis-1,3-Dichloropropene
 Concen: 5.065 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41

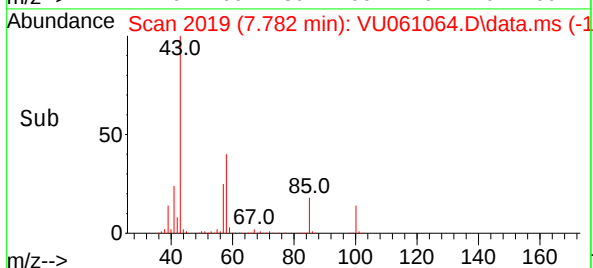
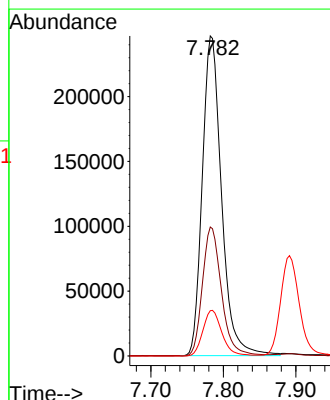
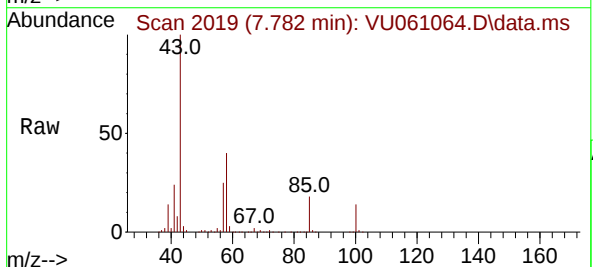
Instrument :
 MSVOA_U
 ClientSampleId :

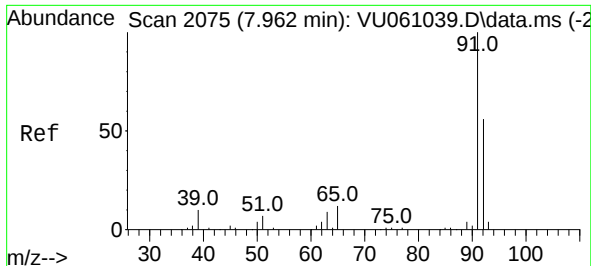
Tgt Ion: 75 Resp: 103764
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 54.376 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41

Tgt Ion: 43 Resp: 455050
 Ion Ratio Lower Upper
 43 100
 58 39.9 34.9 52.3
 100 14.1 13.4 20.0





#42

Toluene

Concen: 5.466 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

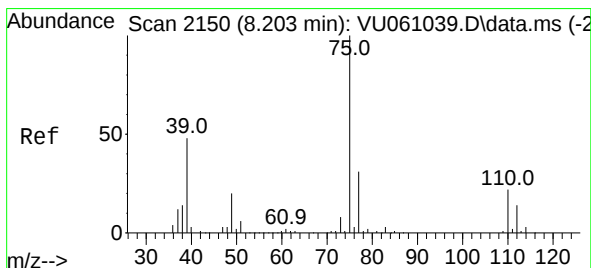
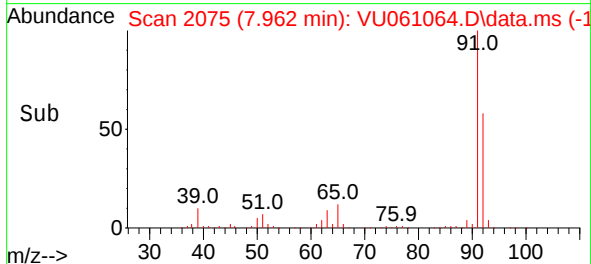
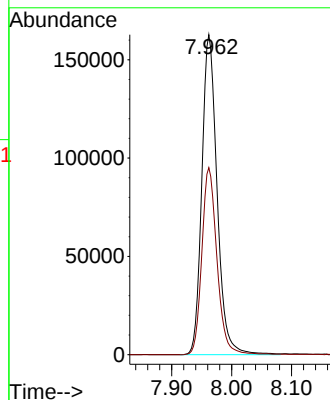
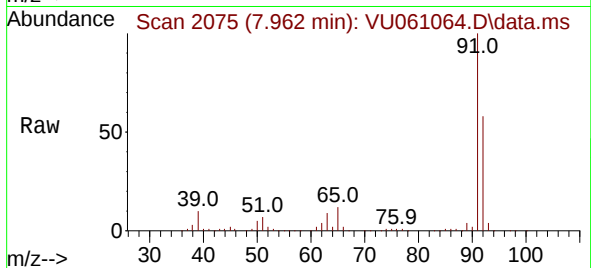
ClientSampleId :

Tgt Ion: 91 Resp: 288687

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.045 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061064.D

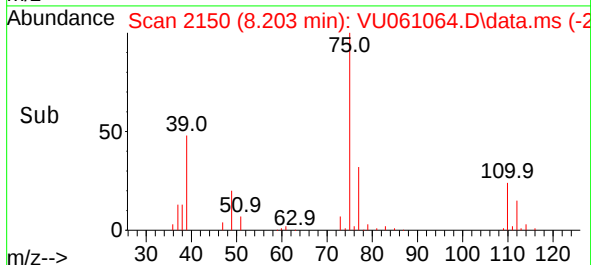
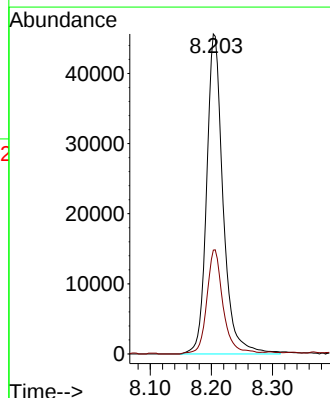
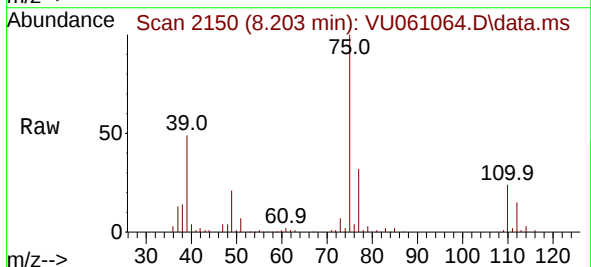
Acq: 02 Oct 2024 09:41

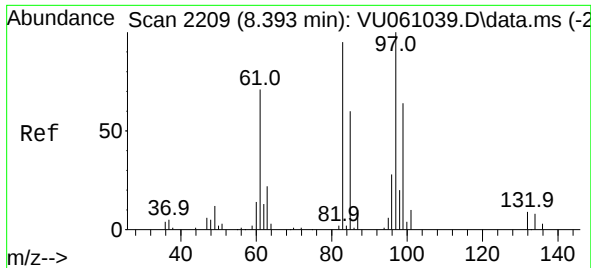
Tgt Ion: 75 Resp: 85460

Ion Ratio Lower Upper

75 100

77 32.5 23.1 42.9

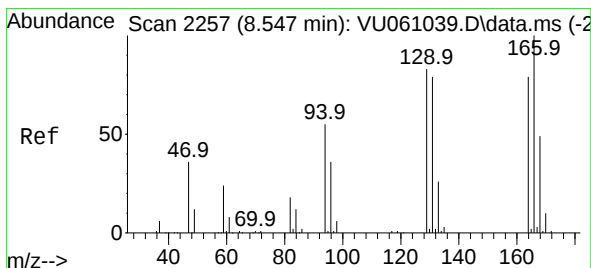
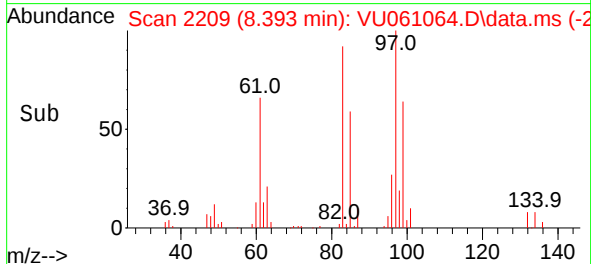
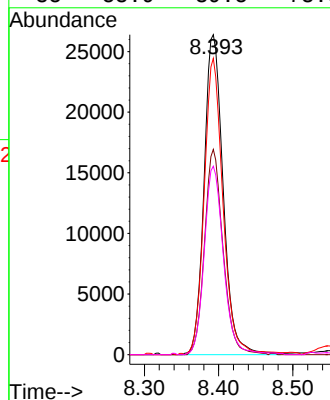
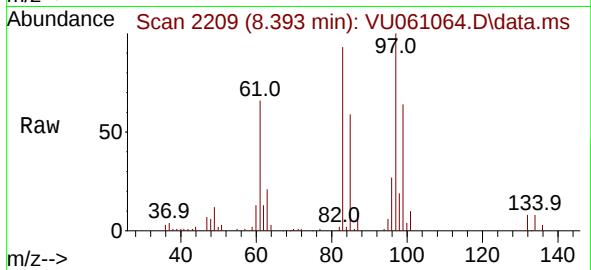




#45
1,1,2-Trichloroethane
Concen: 5.441 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

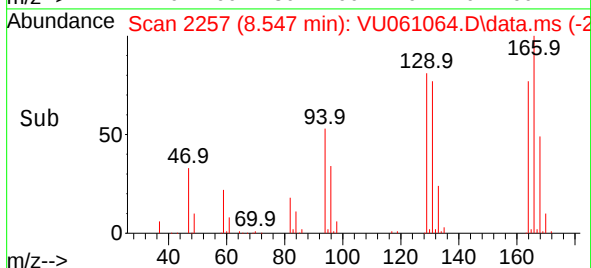
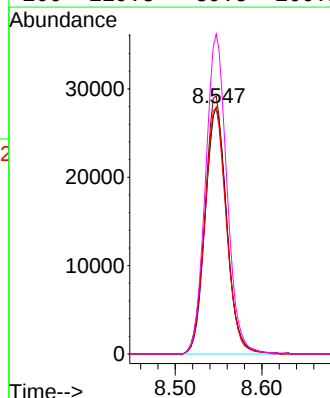
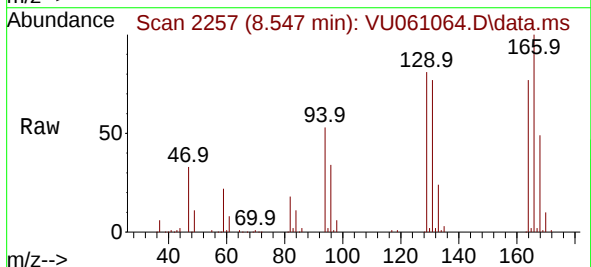
Instrument :
MSVOA_U
ClientSampleId :

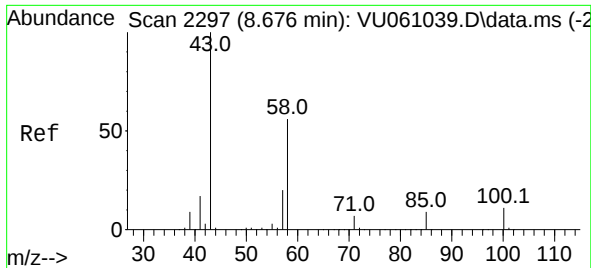
Tgt Ion:	97	Resp:	47112
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.3	78.5
83	92.6	61.7	114.5
85	58.9	39.5	73.3



#47
Tetrachloroethene
Concen: 5.543 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion:	164	Resp:	48487
Ion	Ratio	Lower	Upper
164	100		
129	104.6	67.3	124.9
131	99.7	65.4	121.4
166	129.8	89.5	166.1

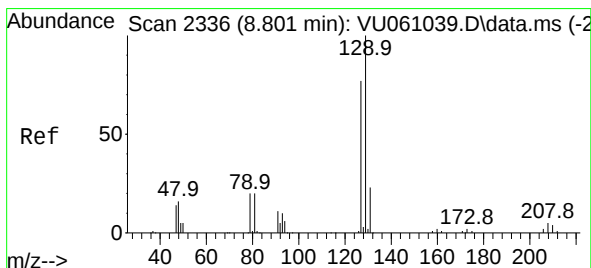
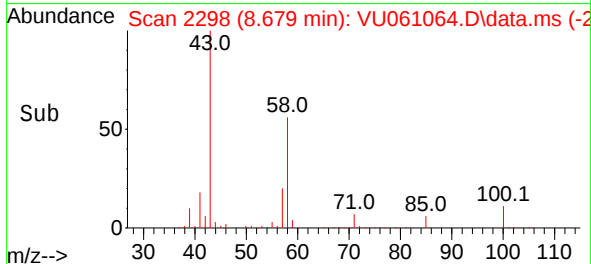
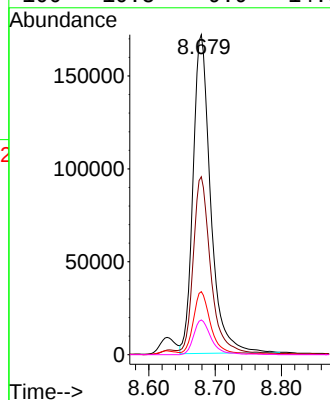
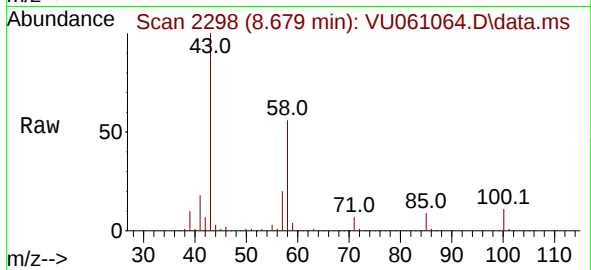




#48
2-Hexanone
Concen: 54.375 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

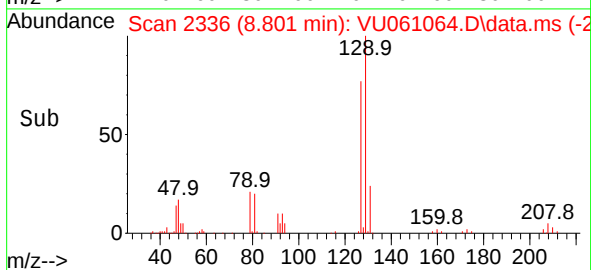
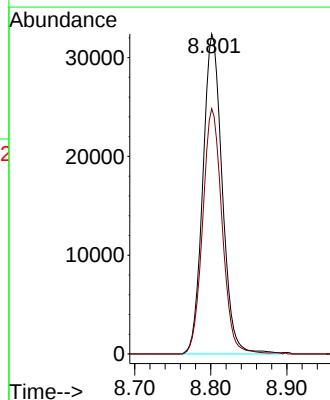
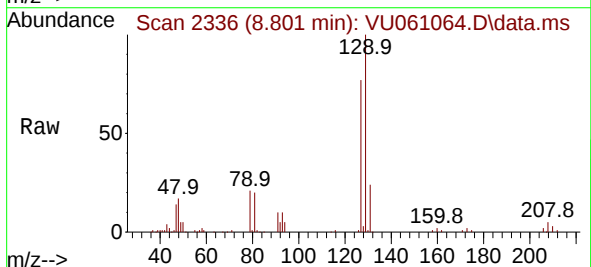
Instrument :
MSVOA_U
ClientSampleId :

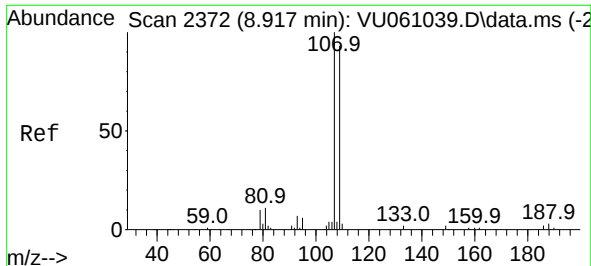
Tgt Ion: 43 Resp: 315487
Ion Ratio Lower Upper
43 100
58 54.2 48.3 72.5
57 19.3 15.9 23.9
100 10.8 9.9 14.9



#49
Dibromochloromethane
Concen: 5.699 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 129 Resp: 57418
Ion Ratio Lower Upper
129 100
127 76.6 56.1 104.1

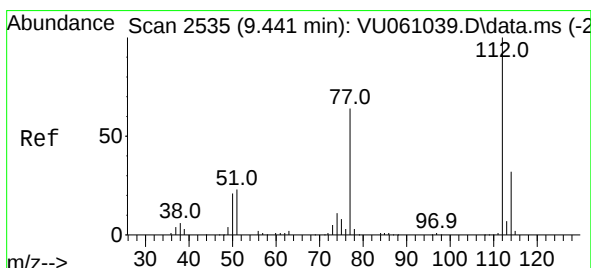
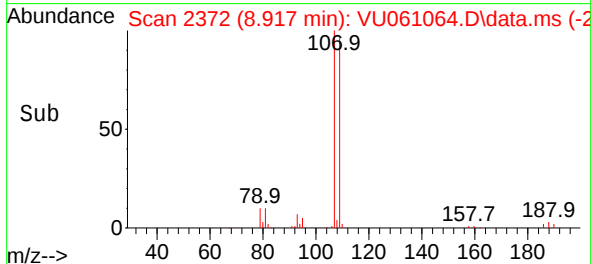
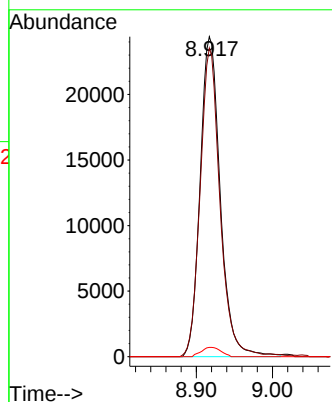
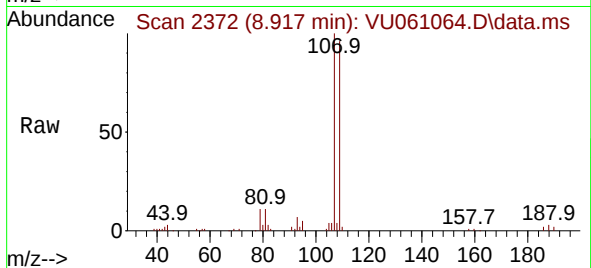




#50
1,2-Dibromoethane
Concen: 5.479 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

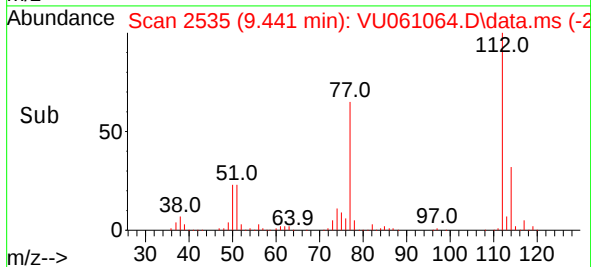
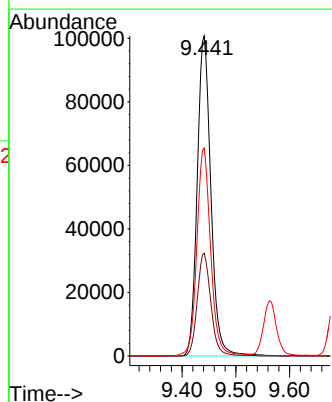
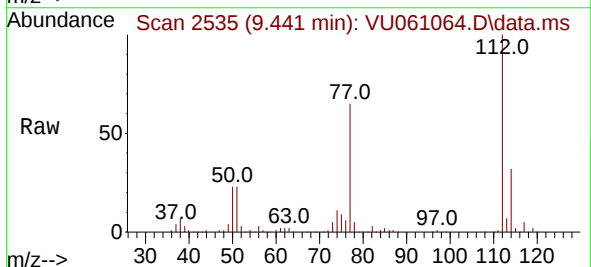
Instrument :
MSVOA_U
ClientSampleId :

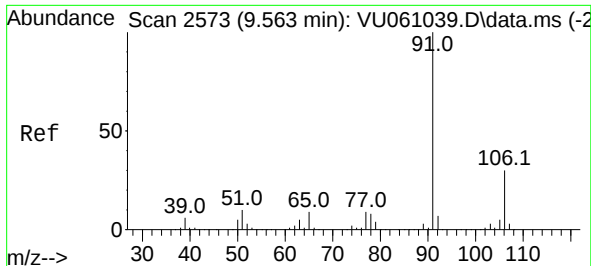
Tgt Ion:107 Resp: 44913
Ion Ratio Lower Upper
107 100
109 96.4 66.8 124.0
188 2.9 3.4 5.0#



#51
Chlorobenzene
Concen: 5.535 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion:112 Resp: 178085
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 65.0 46.1 69.1

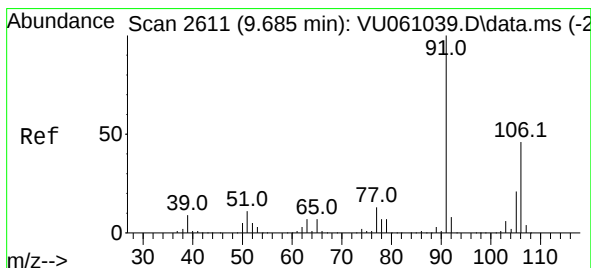
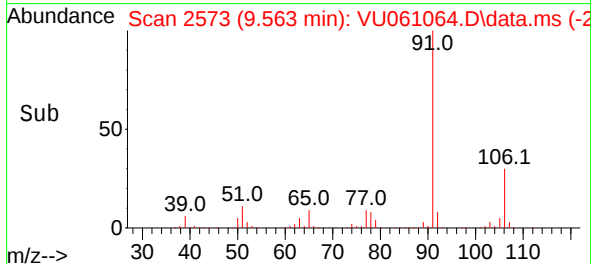
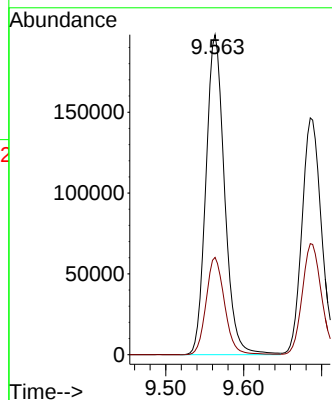
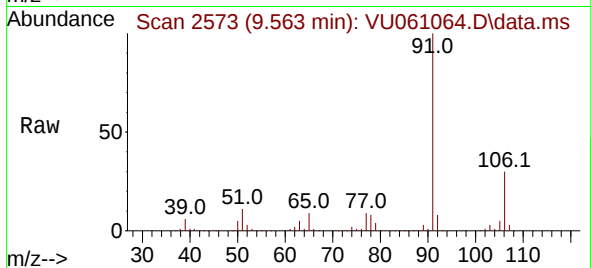




#52
Ethylbenzene
Concen: 5.488 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

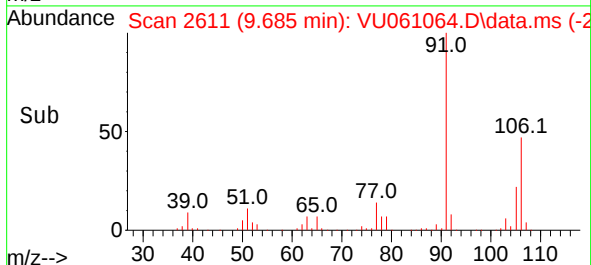
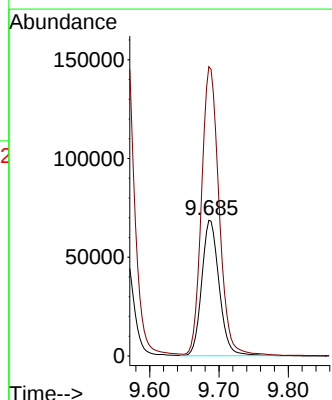
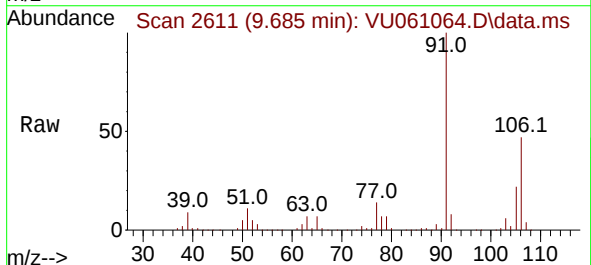
Instrument :
MSVOA_U
ClientSampleId :

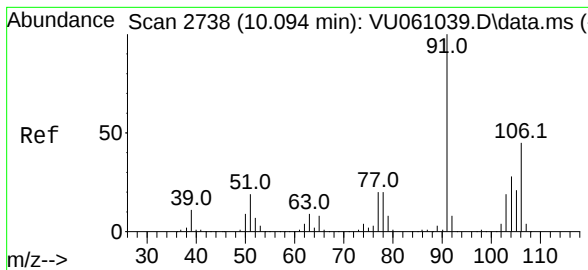
Tgt Ion: 91 Resp: 328483
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 5.468 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion: 106 Resp: 119397
Ion Ratio Lower Upper
106 100
91 213.2 139.7 259.4

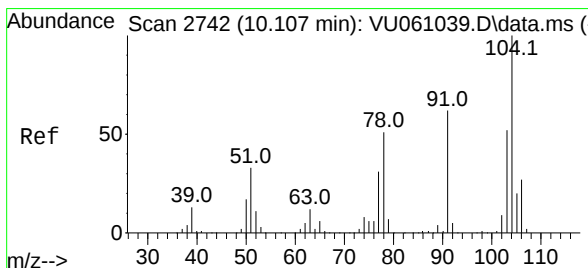
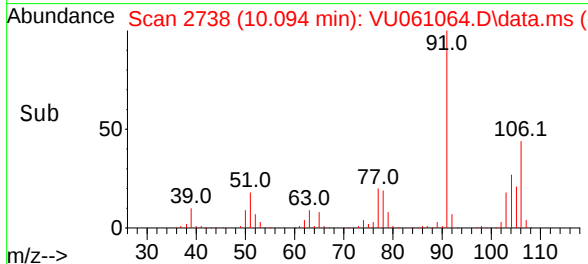
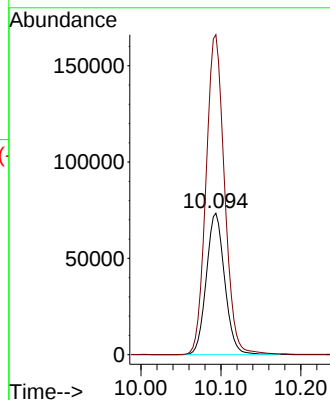
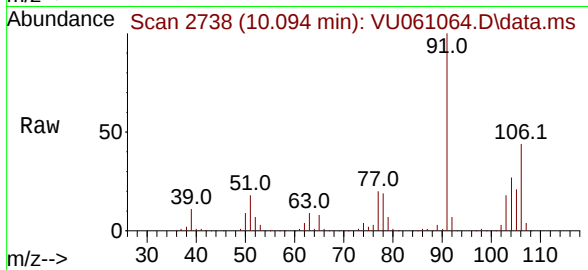




#54
o-Xylene
Concen: 5.479 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

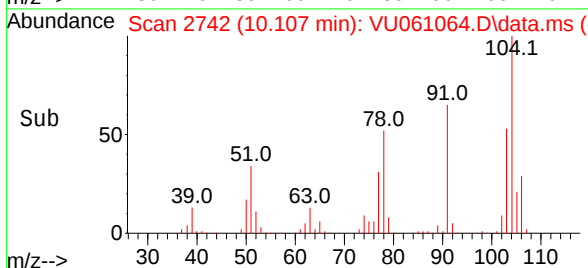
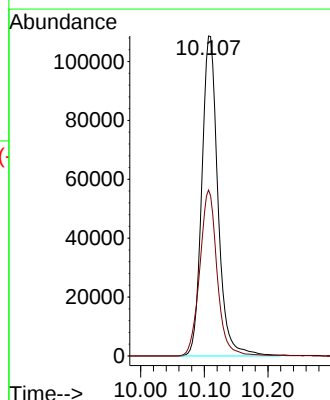
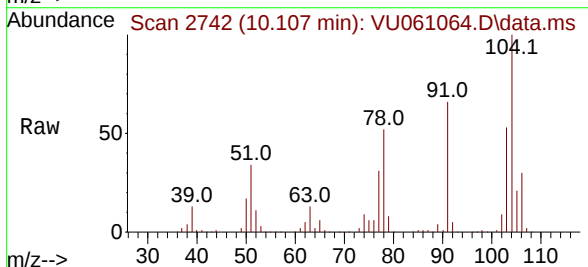
Instrument :
MSVOA_U
ClientSampleId :

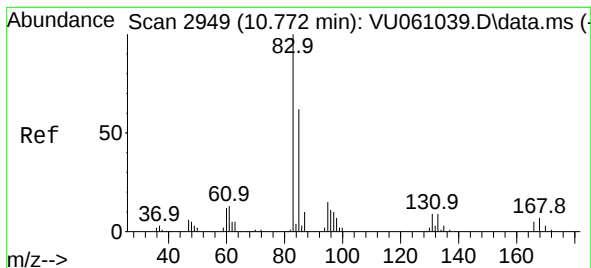
Tgt Ion:106 Resp: 117704
Ion Ratio Lower Upper
106 100
91 226.2 148.6 276.0



#55
Styrene
Concen: 5.526 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion:104 Resp: 191579
Ion Ratio Lower Upper
104 100
78 51.9 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.497 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

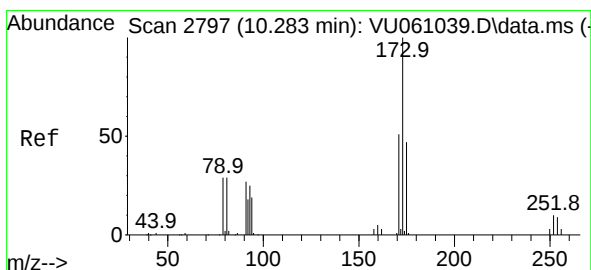
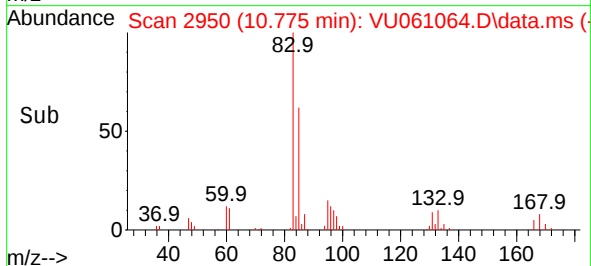
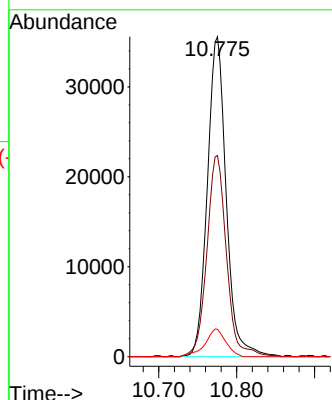
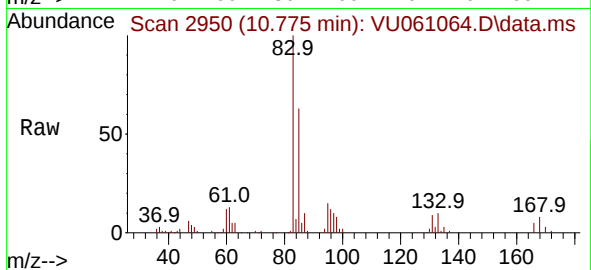
Tgt Ion: 83 Resp: 59808

Ion Ratio Lower Upper

83 100

85 62.9 42.9 79.7

131 8.6 8.4 12.6



#59

Bromoform

Concen: 5.660 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

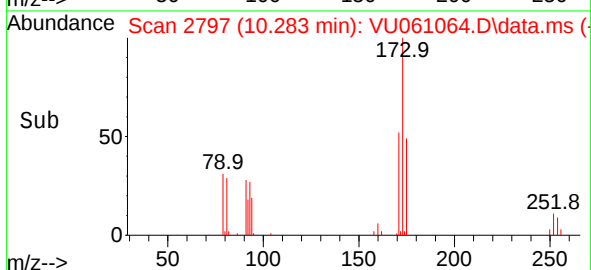
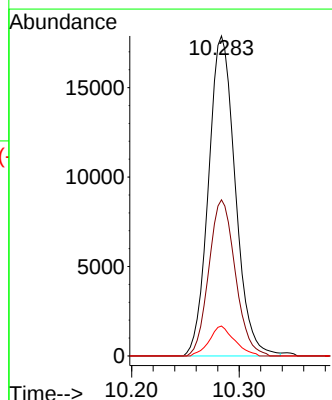
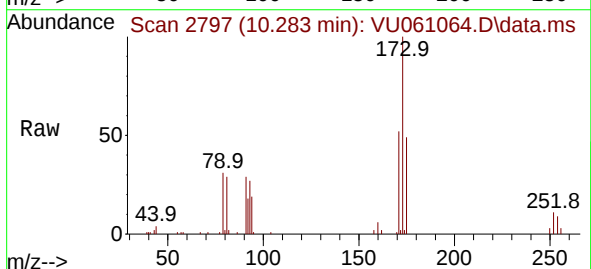
Tgt Ion:173 Resp: 30922

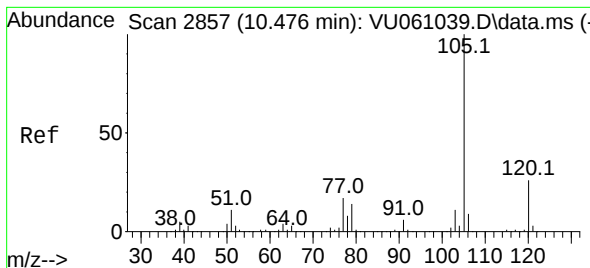
Ion Ratio Lower Upper

173 100

175 48.1 39.1 58.7

254 8.8 8.7 13.1





#60

Isopropylbenzene

Concen: 5.536 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

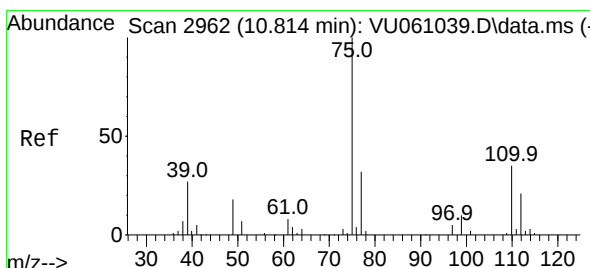
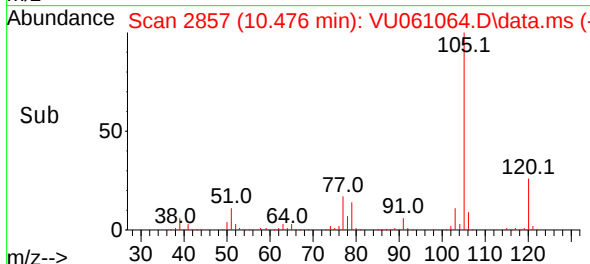
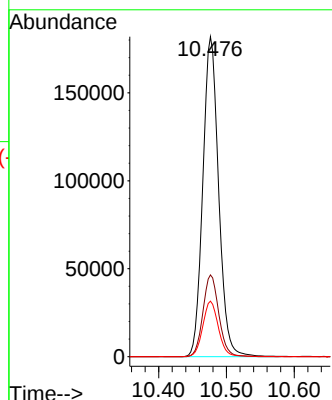
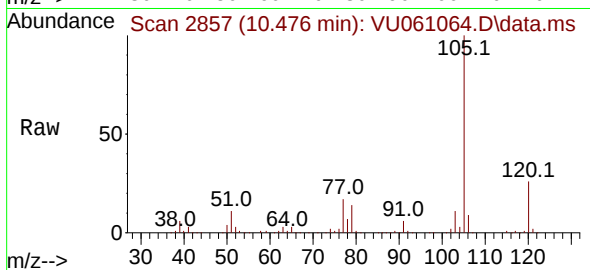
Tgt Ion:105 Resp: 294674

Ion Ratio Lower Upper

105 100

120 25.6 21.5 32.3

77 17.2 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.415 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

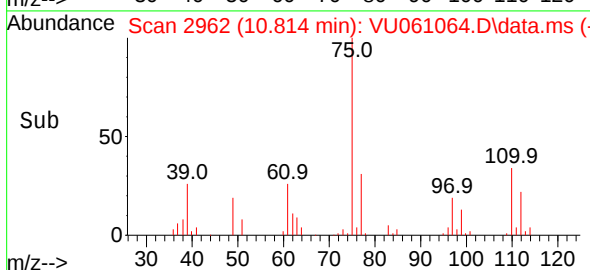
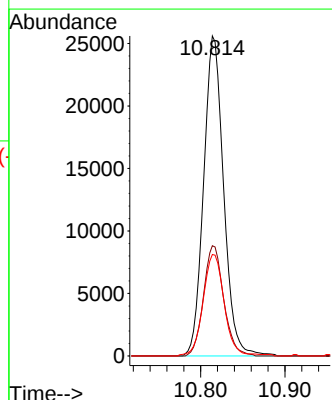
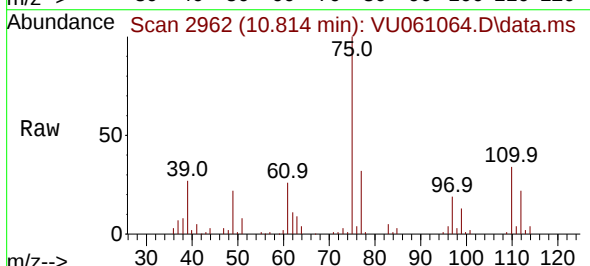
Tgt Ion: 75 Resp: 42344

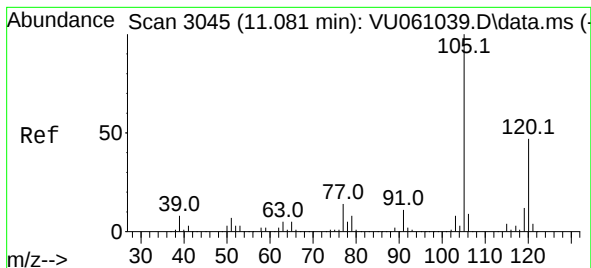
Ion Ratio Lower Upper

75 100

110 34.8 28.6 43.0

77 33.6 26.3 39.5

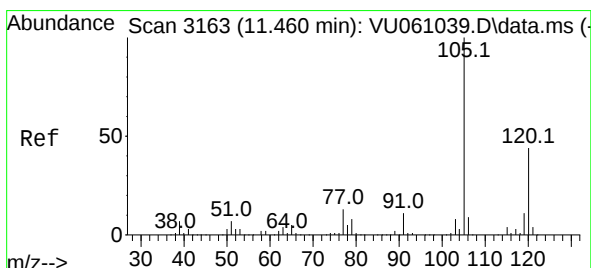
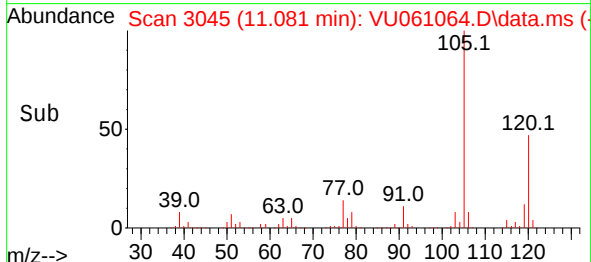
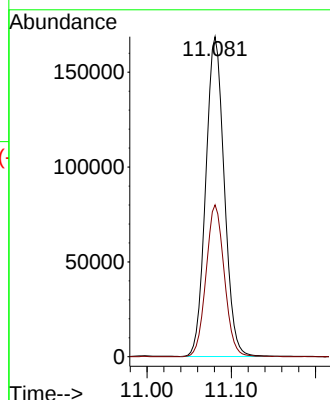
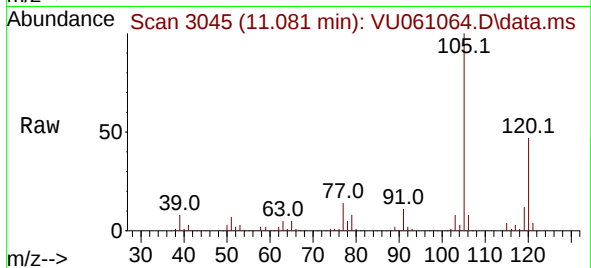




#62
1,3,5-Trimethylbenzene
Concen: 5.500 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

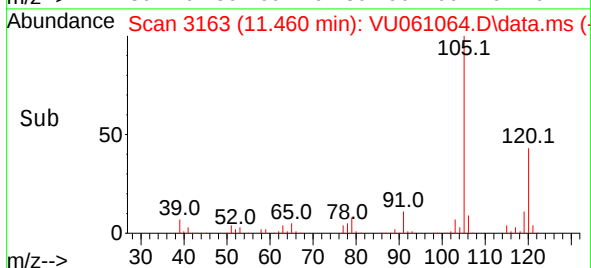
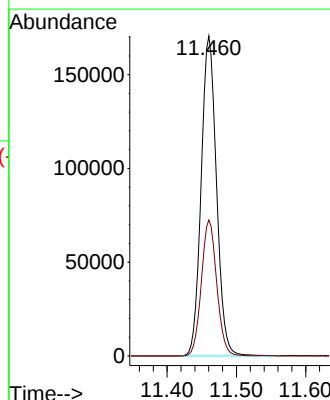
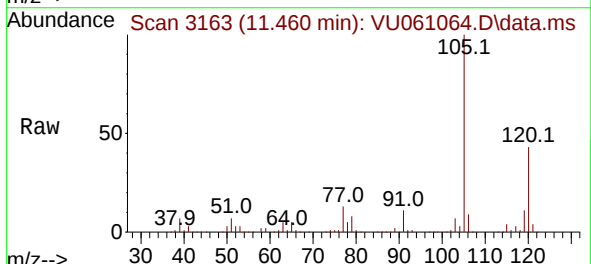
Instrument :
MSVOA_U
ClientSampleId :

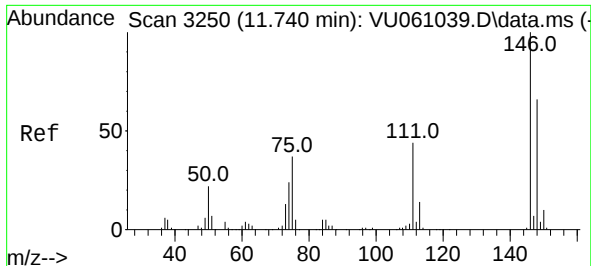
Tgt Ion:105 Resp: 258012
Ion Ratio Lower Upper
105 100
120 47.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.543 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

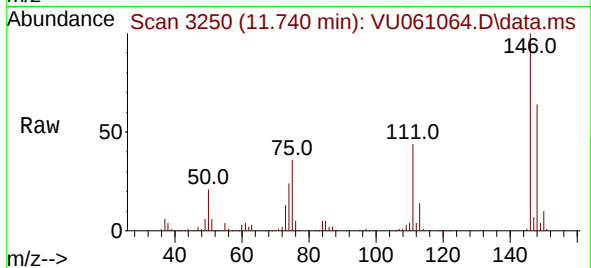
Tgt Ion:105 Resp: 262459
Ion Ratio Lower Upper
105 100
120 42.4 36.1 54.1



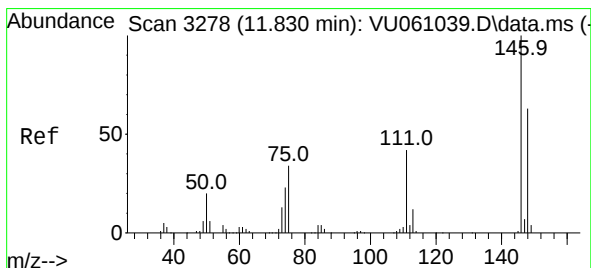
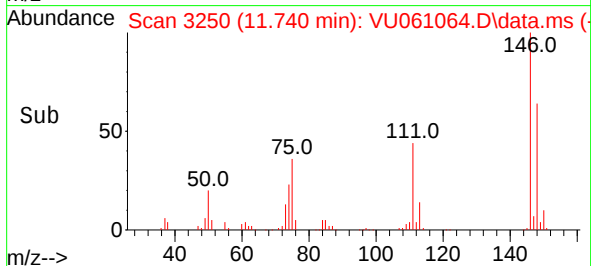
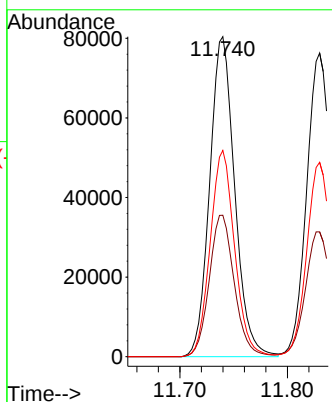


#64
1,3-Dichlorobenzene
Concen: 5.692 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

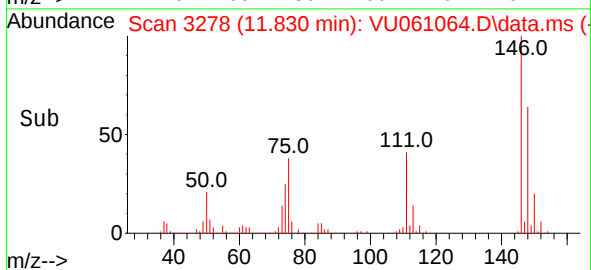
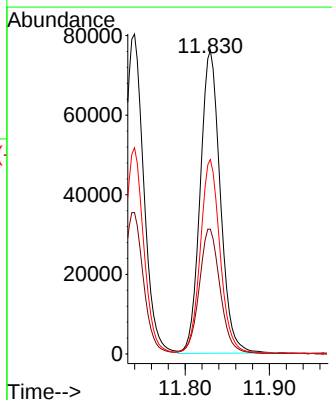
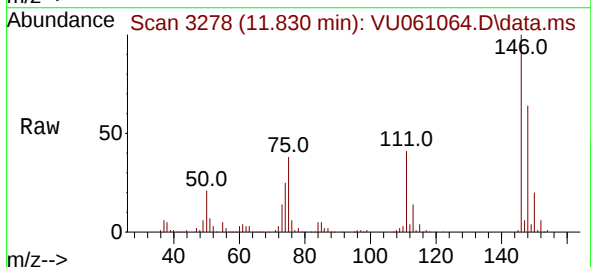


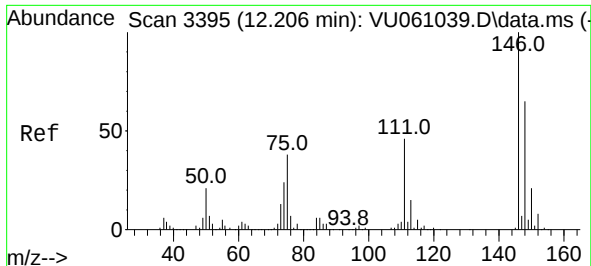
Tgt Ion:146 Resp: 129884
Ion Ratio Lower Upper
146 100
111 44.2 27.5 51.1
148 64.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.599 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion:146 Resp: 126284
Ion Ratio Lower Upper
146 100
111 41.1 26.3 48.9
148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.673 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

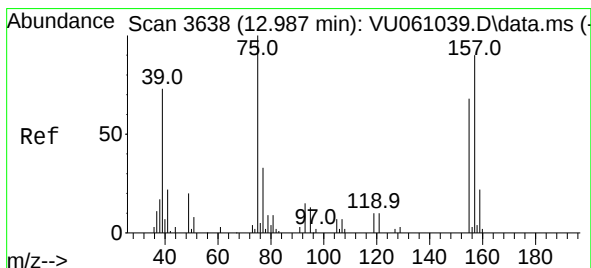
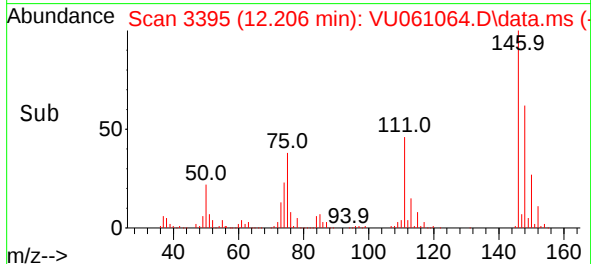
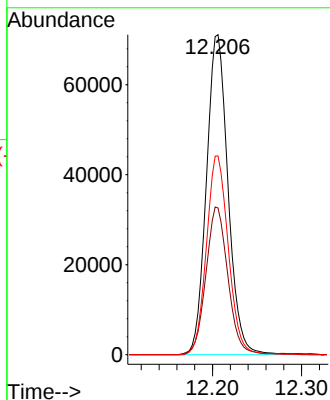
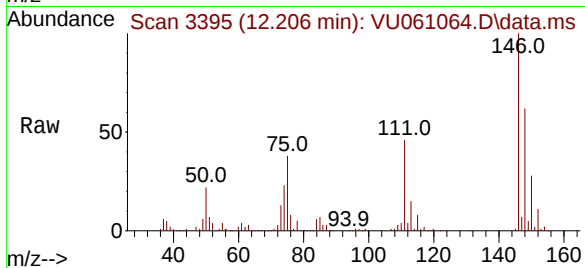
Tgt Ion:146 Resp: 119635

Ion Ratio Lower Upper

146 100

111 45.9 33.4 50.0

148 62.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.604 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061064.D

Acq: 02 Oct 2024 09:41

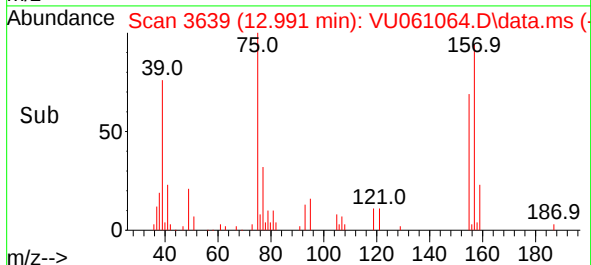
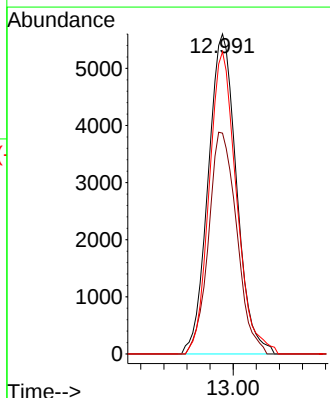
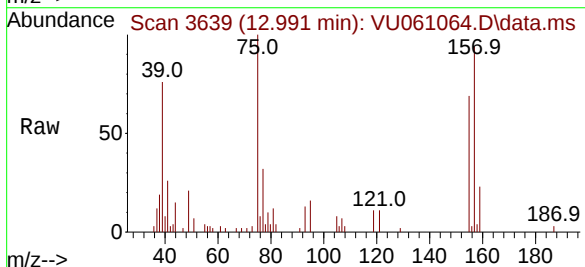
Tgt Ion: 75 Resp: 9557

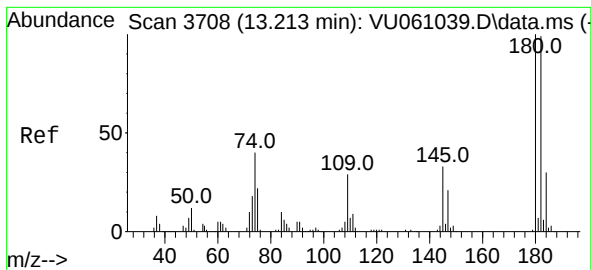
Ion Ratio Lower Upper

75 100

155 69.0 73.1 109.7#

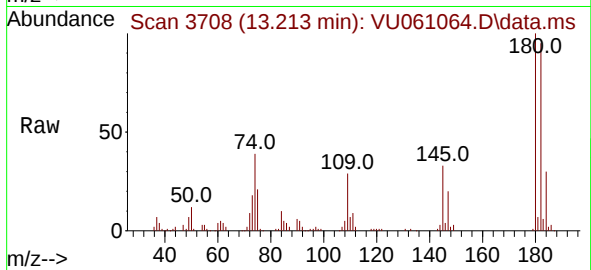
157 94.5 91.0 136.4



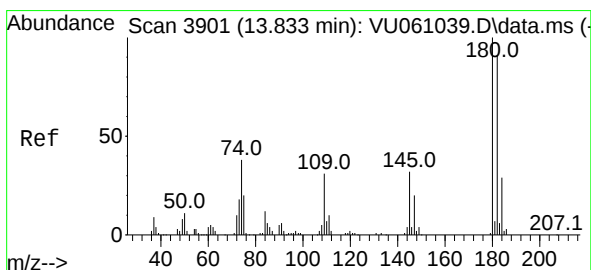
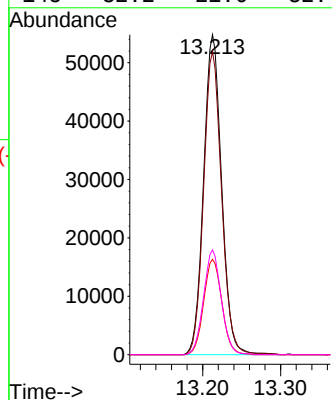
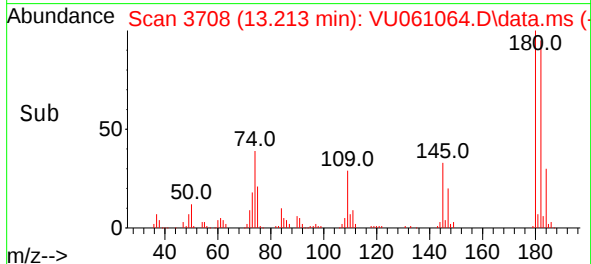


#69
 1,3,5-Trichlorobenzene
 Concen: 5.478 ug/L
 RT: 13.213 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41

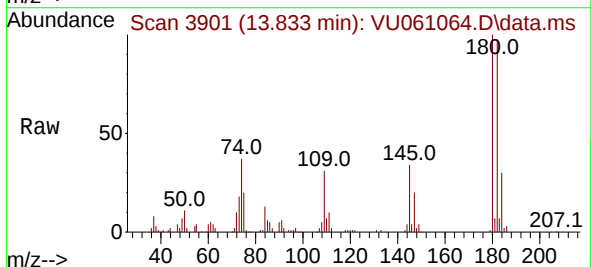
Instrument :
 MSVOA_U
 ClientSampleId :



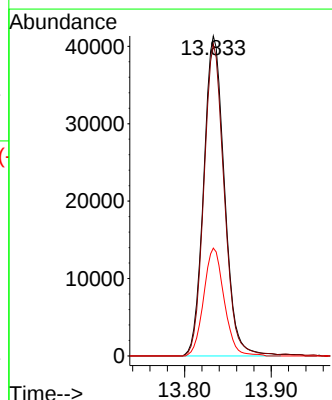
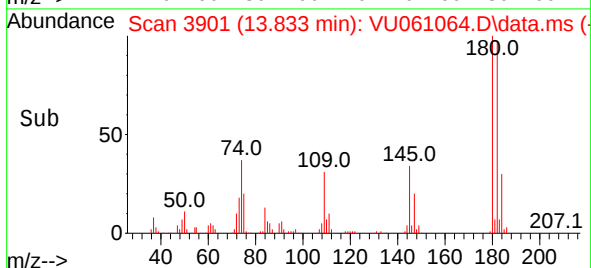
Tgt Ion:180 Resp: 88010
 Ion Ratio Lower Upper
 180 100
 182 94.3 74.5 111.7
 184 30.0 23.2 34.8
 145 32.2 21.6 32.4

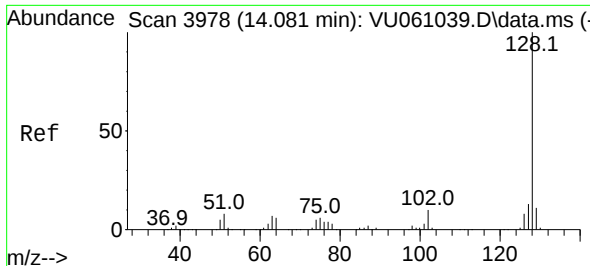


#70
 1,2,4-trichlorobenzene
 Concen: 5.603 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061064.D
 Acq: 02 Oct 2024 09:41



Tgt Ion:180 Resp: 68984
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.2
 145 33.1 22.9 34.3

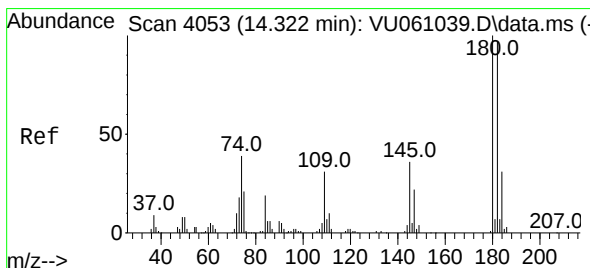
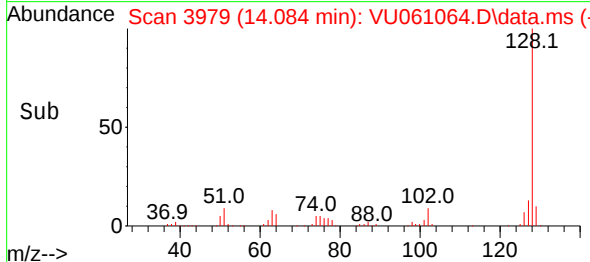
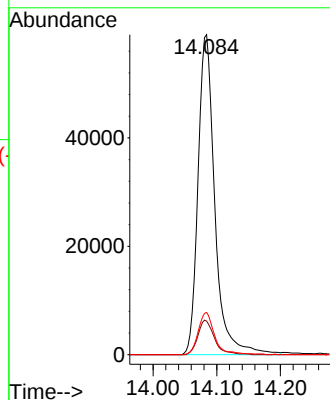
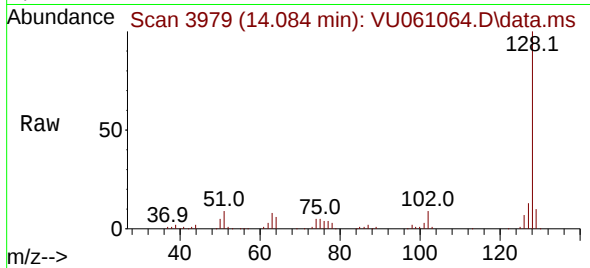




#71
Naphthalene
Concen: 5.397 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 108544
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 12.9 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.488 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061064.D
Acq: 02 Oct 2024 09:41

Tgt Ion:180 Resp: 56233
Ion Ratio Lower Upper
180 100
182 91.7 75.7 113.5
145 34.6 23.5 35.3

