

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092322\
 Data File : VU050934.D
 Acq On : 23 Sep 2022 21:02
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:28:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	456570	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	217428	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	180285	38.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.220%
7) Chloroethane-d5	1.910	69	148792	44.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.340%
11) 1,1-Dichloroethene-d2	2.569	63	317073	43.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.620	46	353316	115.693	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.690%
24) Chloroform-d	5.061	84	351992	47.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	5.700	65	220802	48.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.726	84	693071	47.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	6.687	67	230409	46.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.540%
41) Toluene-d8	7.896	98	623812	48.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
43) trans-1,3-Dichloroprop...	8.176	79	102924	48.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
47) 2-Hexanone-d5	8.630	63	208981	102.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.930%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	363191	48.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.700%
66) 1,2-Dichlorobenzene-d4	12.189	152	226140	49.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	218913	46.305	ug/L	100
3) Chloromethane	1.520	50	248396	45.195	ug/L	98
5) Vinyl chloride	1.604	62	253752	47.160	ug/L	100
6) Bromomethane	1.852	94	148293	54.554	ug/L	99
8) Chloroethane	1.932	64	150686	50.581	ug/L	97
9) Trichlorofluoromethane	2.138	101	295617	50.651	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	185013	49.526	ug/L	99
12) 1,1-Dichloroethene	2.582	96	169534	48.300	ug/L	89
13) Acetone	2.627	43	245621	94.986	ug/L	98
14) Carbon disulfide	2.794	76	523160	47.134	ug/L	99
15) Methyl Acetate	2.945	43	252226	51.686	ug/L	98
16) Methylene chloride	3.045	84	211033	43.300	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	176133	48.958	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	551126	50.252	ug/L	99
19) 1,1-Dichloroethane	3.868	63	350243	48.181	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	198740	49.823	ug/L	99
22) 2-Butanone	4.697	43	378865	111.152	ug/L	99
23) Bromochloromethane	4.974	128	101786	48.687	ug/L	96
25) Chloroform	5.086	83	360910	49.818	ug/L	100

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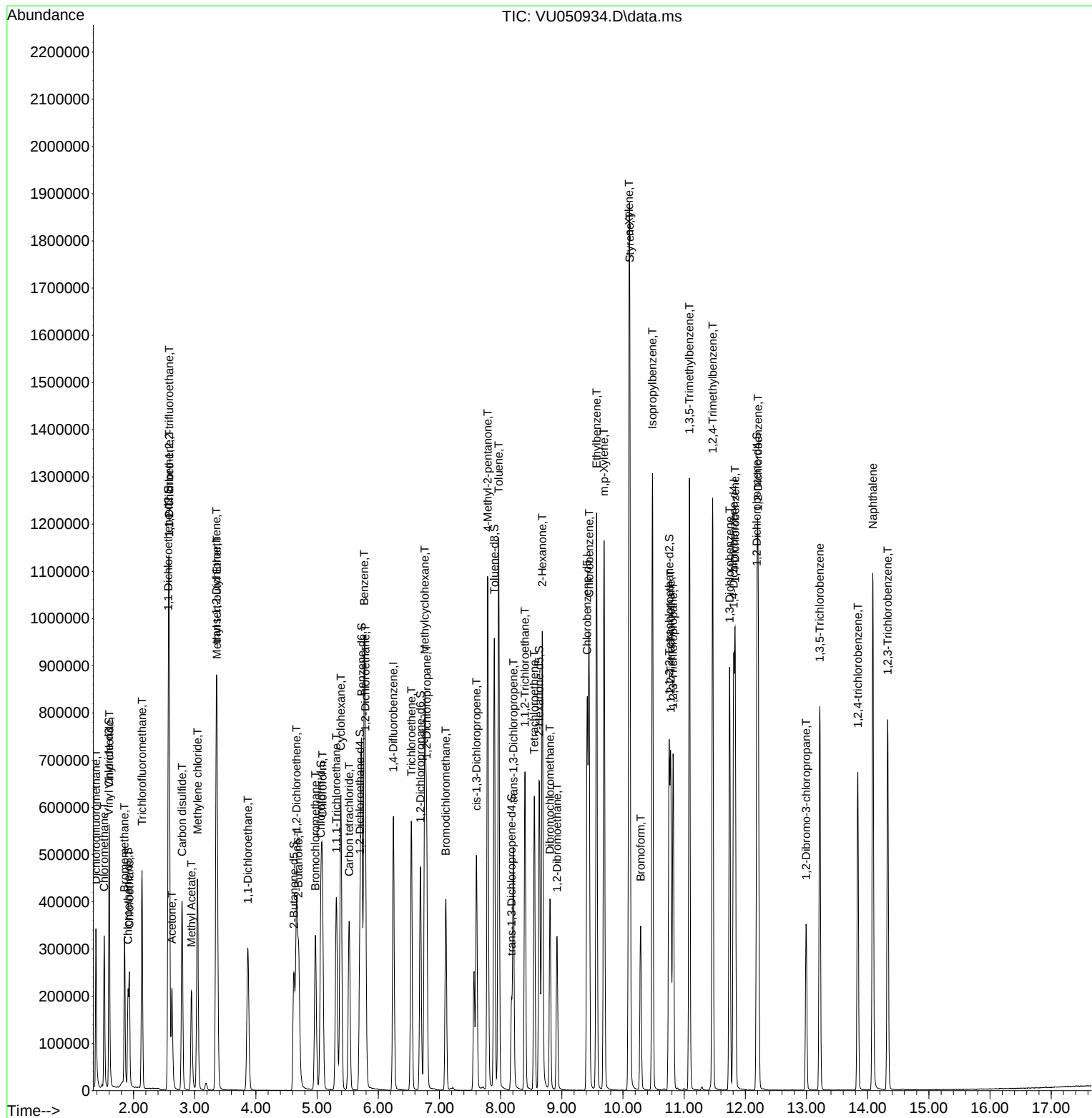
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	275077	49.963	ug/L	100
29) Cyclohexane	5.388	56	302333	49.578	ug/L	98
30) 1,1,1-Trichloroethane	5.315	97	299089	50.734	ug/L	98
31) Carbon tetrachloride	5.524	117	245857	50.201	ug/L	99
33) Benzene	5.771	78	819015	50.223	ug/L	100
34) Trichloroethene	6.540	95	198545	52.413	ug/L	99
35) Methylcyclohexane	6.761	83	309621	50.727	ug/L	97
37) 1,2-Dichloropropane	6.790	63	218570	48.980	ug/L	100
38) Bromodichloromethane	7.102	83	268973	50.589	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	297201	49.769	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	687765	111.833	ug/L	100
42) Toluene	7.967	91	840347	51.908	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	286758	50.480	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	207490	50.455	ug/L	98
46) Tetrachloroethene	8.549	164	134397	49.371	ug/L	99
48) 2-Hexanone	8.681	43	583184	113.485	ug/L	100
49) Dibromochloromethane	8.806	129	205465	50.955	ug/L	100
50) 1,2-Dibromoethane	8.922	107	218988	51.325	ug/L	100
51) Chlorobenzene	9.446	112	501082	50.699	ug/L	98
52) Ethylbenzene	9.568	91	836926	51.821	ug/L	99
53) m,p-Xylene	9.691	106	322120	53.647	ug/L	98
54) o-Xylene	10.099	106	316156	52.845	ug/L	97
55) Styrene	10.112	104	552469	53.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.781	83	361468	47.503	ug/L	99
59) Bromoform	10.289	173	153624	48.952	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	299398	48.955	ug/L	100
61) Isopropylbenzene	10.482	105	812461	52.288	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	668649	52.347	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	673885	53.273	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	358874	50.506	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	358665	49.719	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	378142	50.260	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.993	75	90739	53.945	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	243756	49.031	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	206138	50.667	ug/L	99
71) Naphthalene	14.083	128	858174	54.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	238833	52.451	ug/L	99

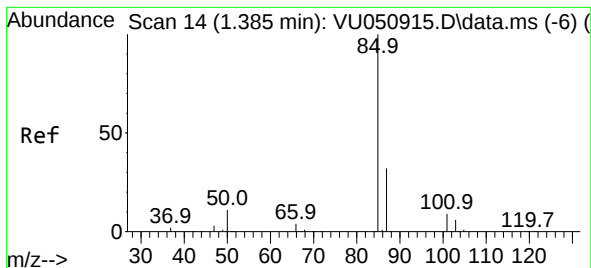
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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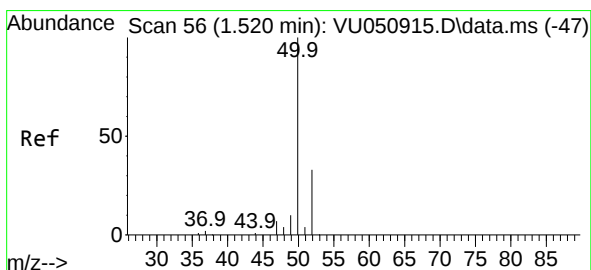
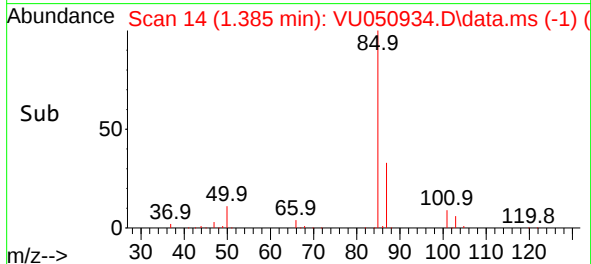
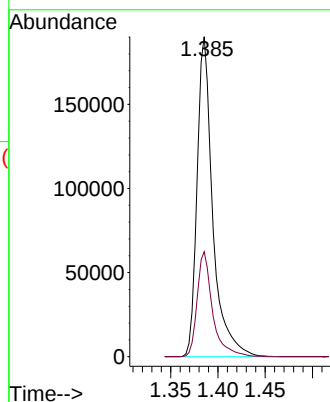
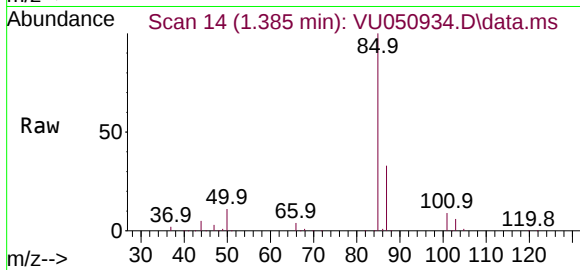




#2
Dichlorodifluoromethane
Concen: 46.305 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

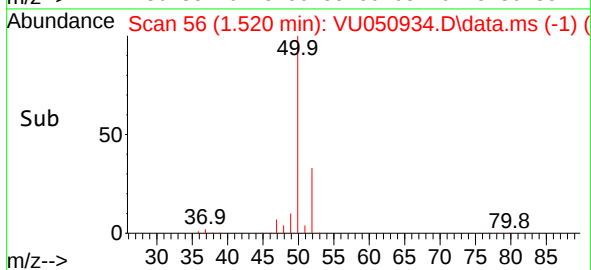
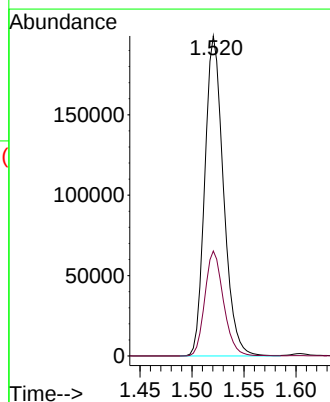
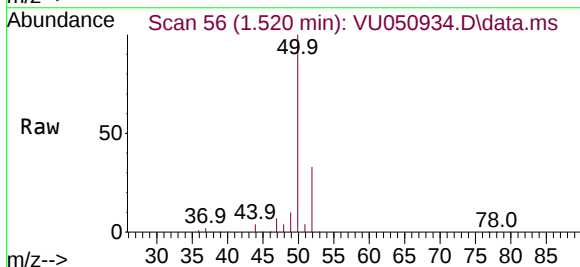
Instrument :
MSVOA_U
ClientSampleId :

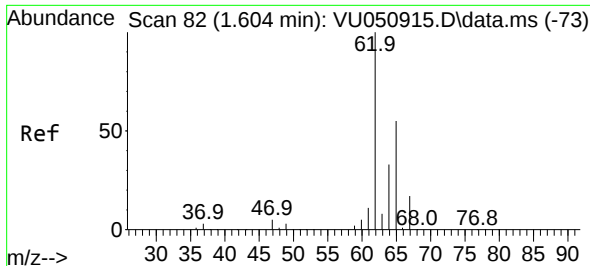
Tgt Ion: 85 Resp: 218913
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 45.195 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 50 Resp: 248396
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9

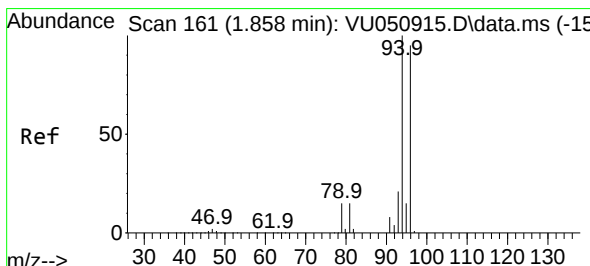
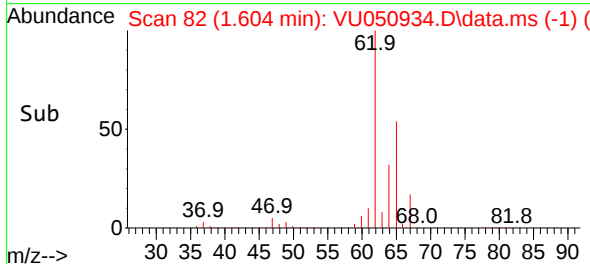
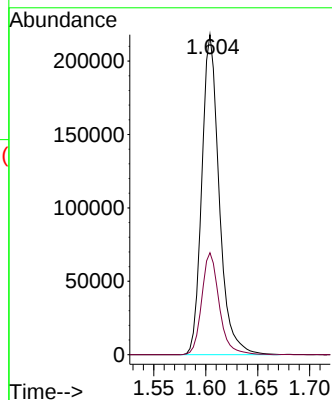
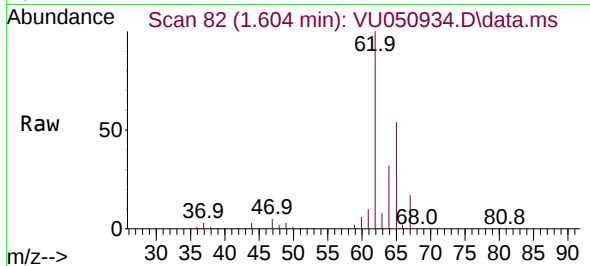




#5
 Vinyl chloride
 Concen: 47.160 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

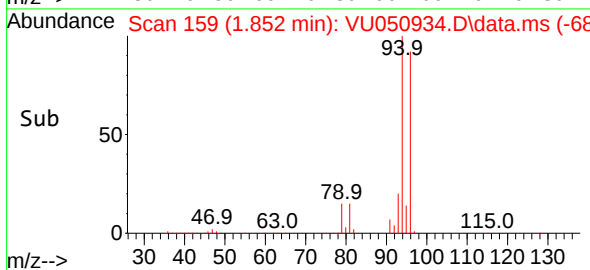
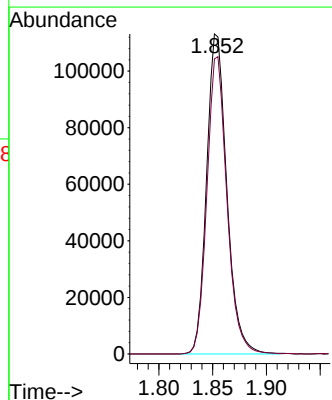
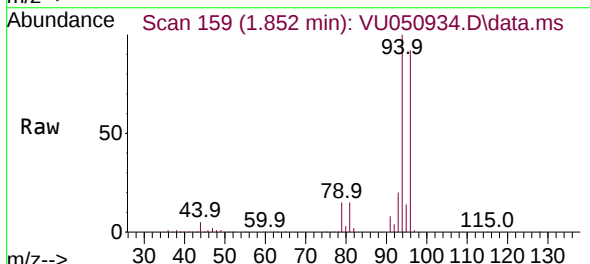
Instrument :
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 ClientSampleId :

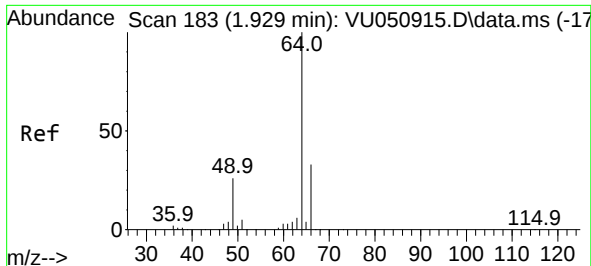
Tgt Ion: 62 Resp: 253752
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.2 41.2



#6
 Bromomethane
 Concen: 54.554 ug/L
 RT: 1.852 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

Tgt Ion: 94 Resp: 148293
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.0 119.0

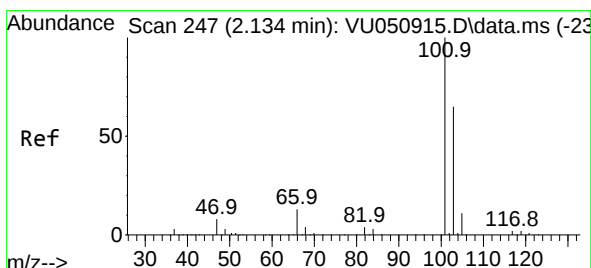
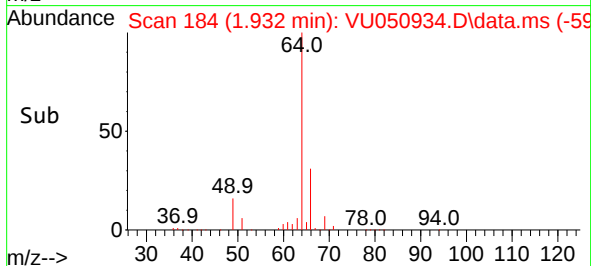
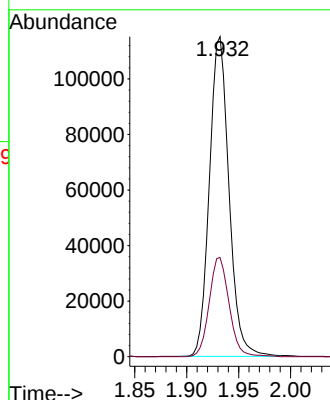
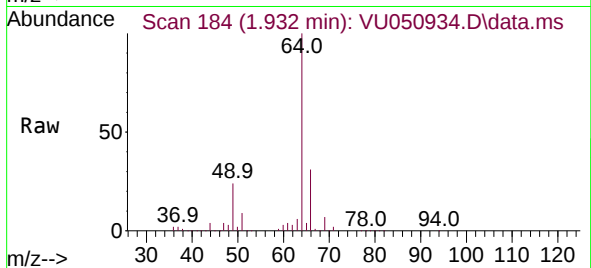




#8
Chloroethane
Concen: 50.581 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

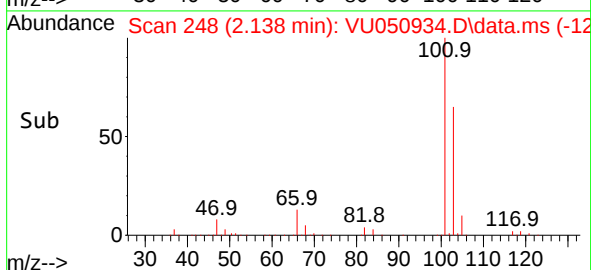
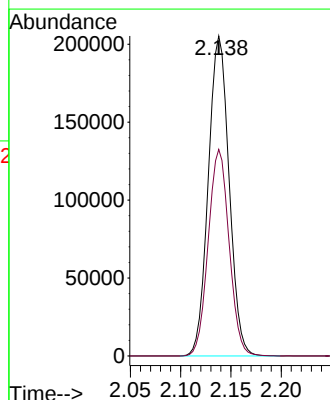
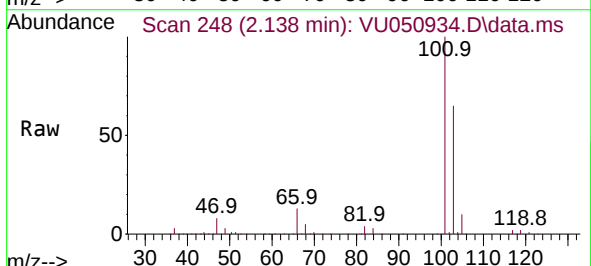
Instrument :
MSVOA_U
ClientSampleId :

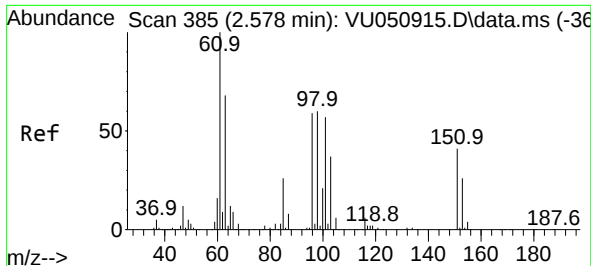
Tgt Ion: 64 Resp: 150686
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.651 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion:101 Resp: 295617
Ion Ratio Lower Upper
101 100
103 64.7 50.9 76.3





#10

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

Concen: 49.526 ug/L

RT: 2.582 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

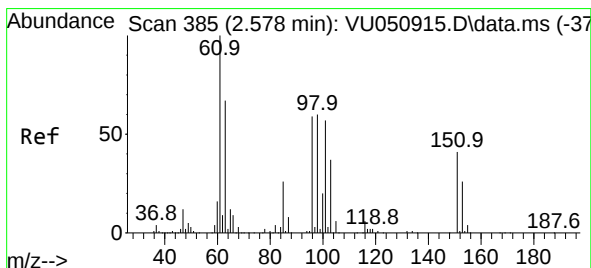
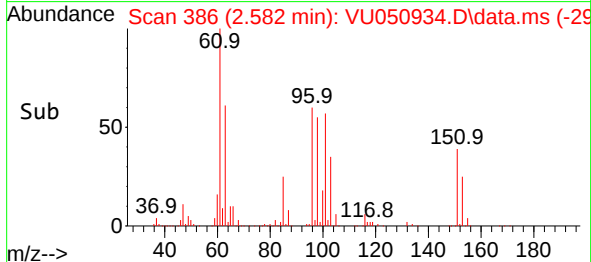
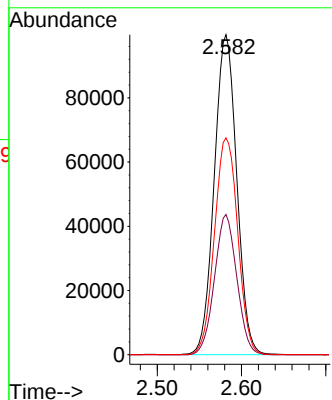
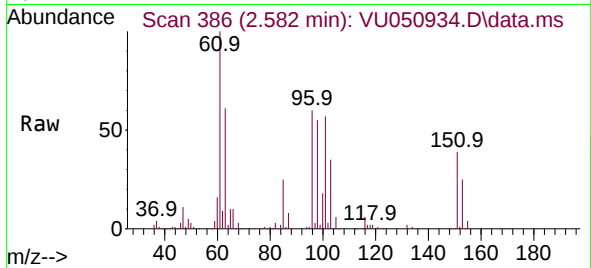
Tgt Ion:101 Resp: 185013

Ion Ratio Lower Upper

101 100

85 43.4 35.1 52.7

151 70.0 56.6 84.8



#12

1,1-Dichloroethene

Concen: 48.300 ug/L

RT: 2.582 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

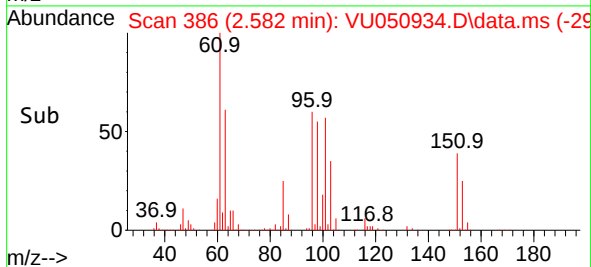
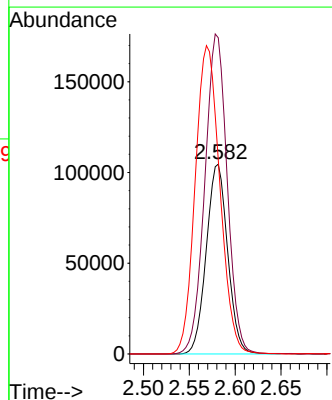
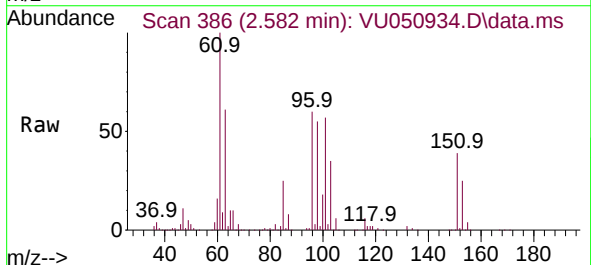
Tgt Ion: 96 Resp: 169534

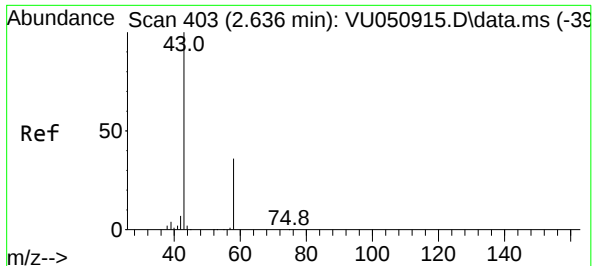
Ion Ratio Lower Upper

96 100

61 166.6 118.6 220.2

63 102.3 90.4 168.0





#13

Acetone

Concen: 94.986 ug/L

RT: 2.627 min Scan# 40

Delta R.T. -0.009 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

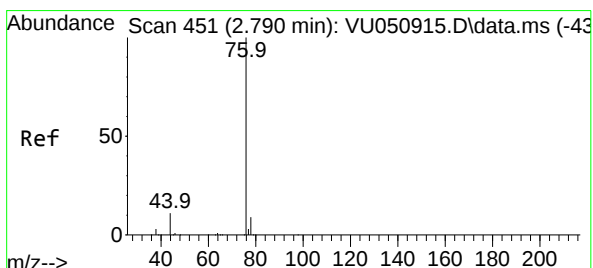
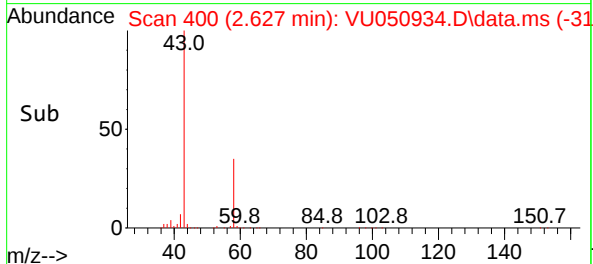
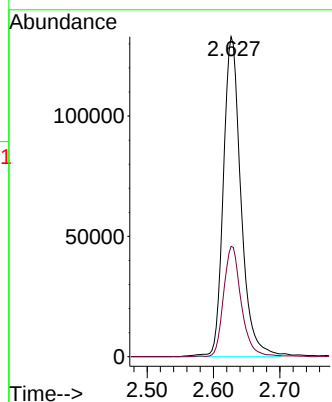
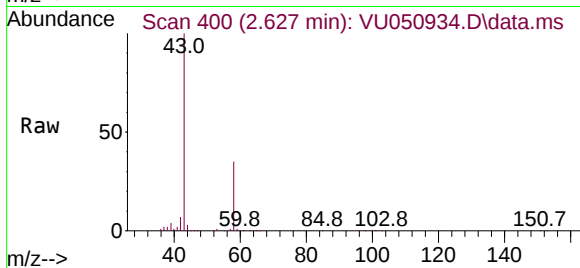
ClientSampleId :

Tgt Ion: 43 Resp: 245621

Ion Ratio Lower Upper

43 100

58 34.3 0.0 71.4



#14

Carbon disulfide

Concen: 47.134 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050934.D

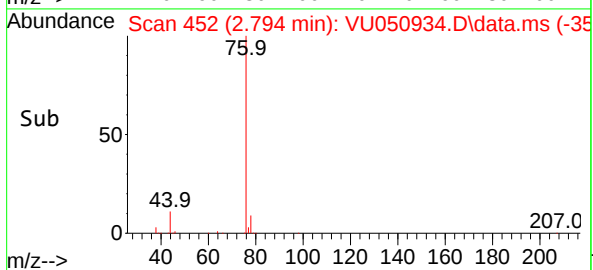
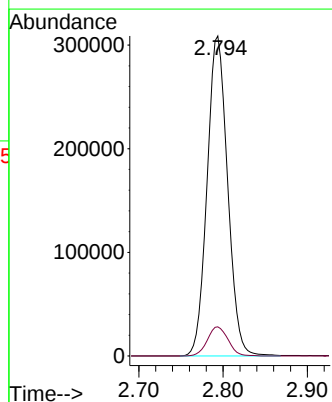
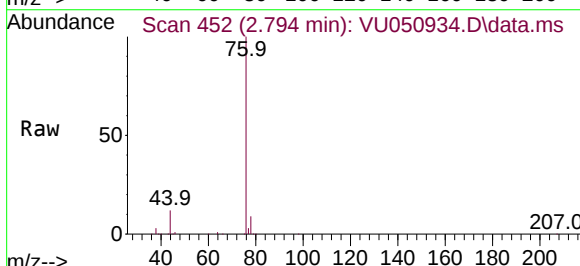
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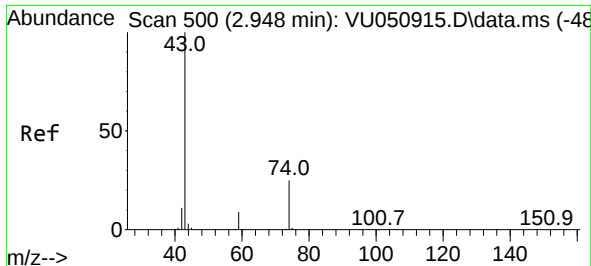
Tgt Ion: 76 Resp: 523160

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

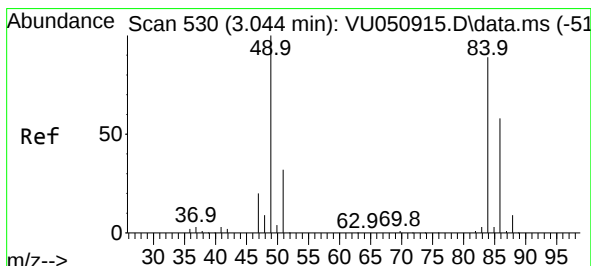
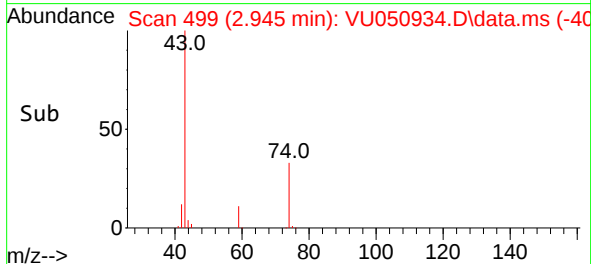
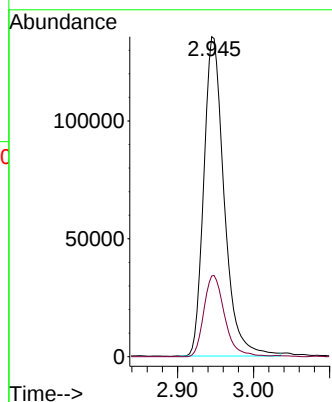
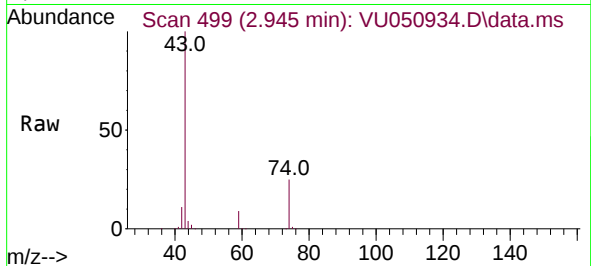




#15
Methyl Acetate
Concen: 51.686 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

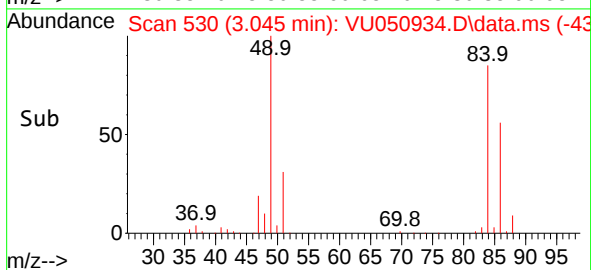
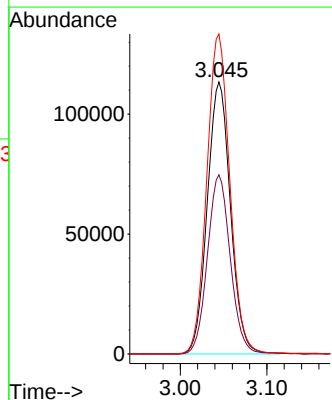
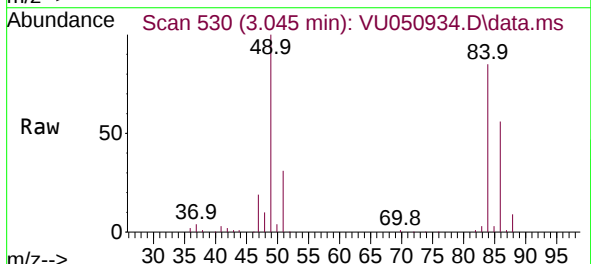
Instrument :
MSVOA_U
ClientSampleId :

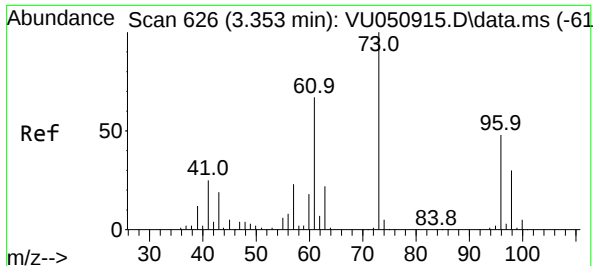
Tgt Ion: 43 Resp: 252226
Ion Ratio Lower Upper
43 100
74 26.0 19.9 29.9



#16
Methylene chloride
Concen: 43.300 ug/L
RT: 3.045 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 84 Resp: 211033
Ion Ratio Lower Upper
84 100
86 65.9 44.4 82.5
49 117.6 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 48.958 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

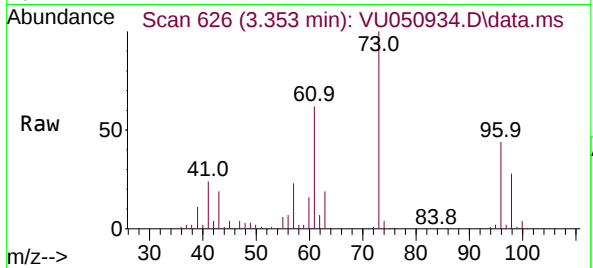
Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :



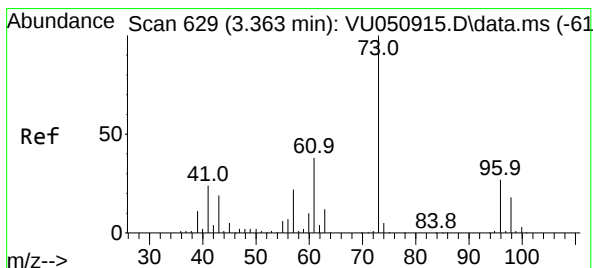
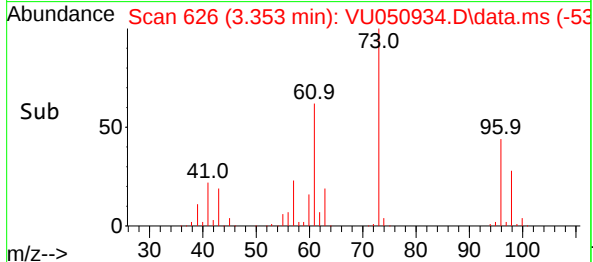
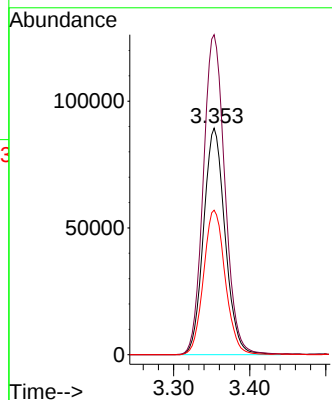
Tgt Ion: 96 Resp: 176133

Ion Ratio Lower Upper

96 100

61 141.2 98.0 182.0

98 63.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 50.252 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

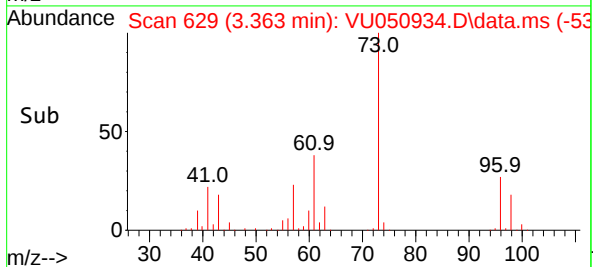
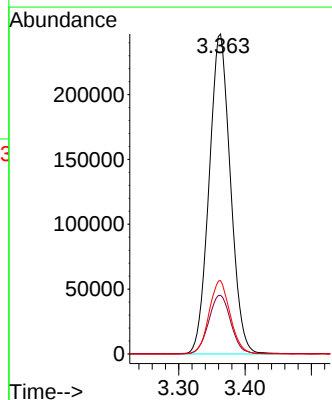
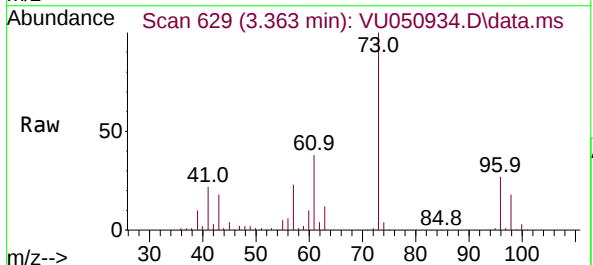
Tgt Ion: 73 Resp: 551126

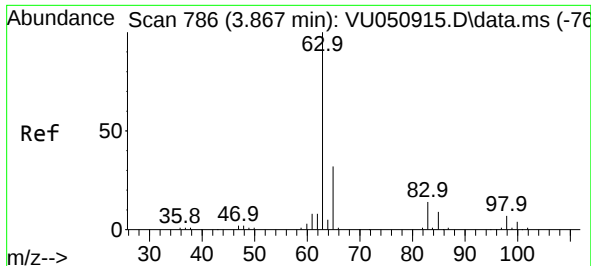
Ion Ratio Lower Upper

73 100

43 18.7 14.4 21.6

57 22.7 18.6 27.8





#19

1,1-Dichloroethane

Concen: 48.181 ug/L

RT: 3.868 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

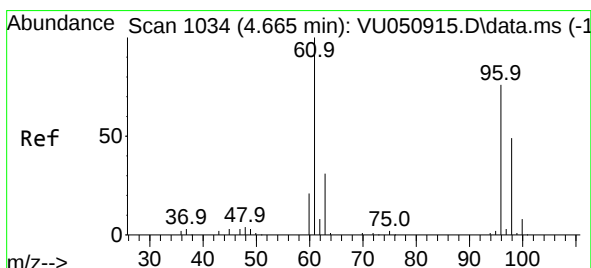
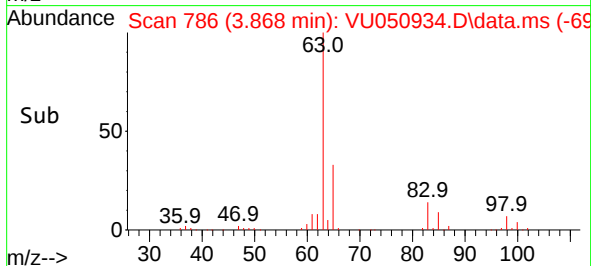
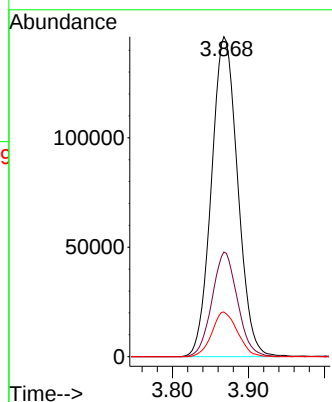
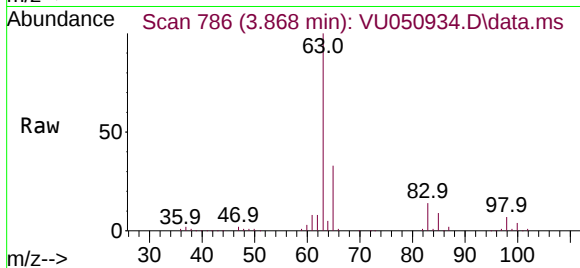
Tgt Ion: 63 Resp: 350243

Ion Ratio Lower Upper

63 100

65 32.7 21.5 39.9

83 14.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 49.823 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

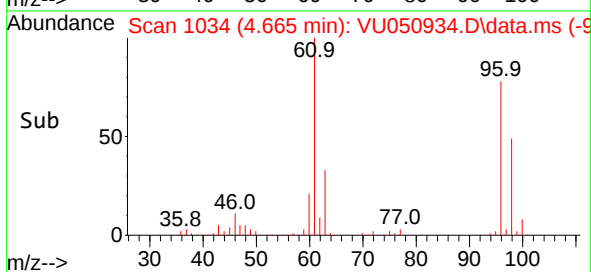
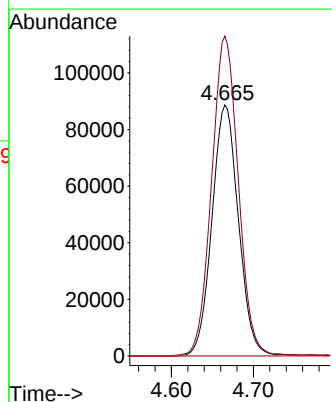
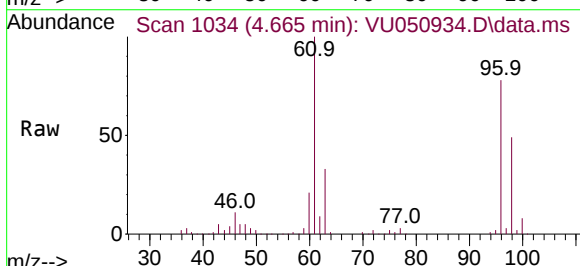
Tgt Ion: 96 Resp: 198740

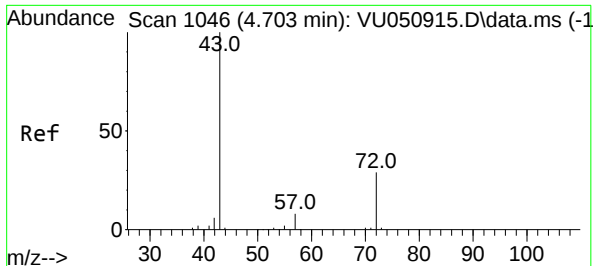
Ion Ratio Lower Upper

96 100

61 127.5 90.1 167.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 111.152 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

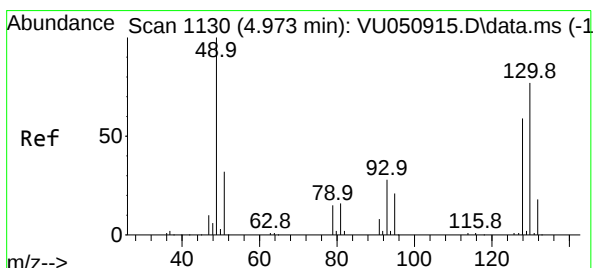
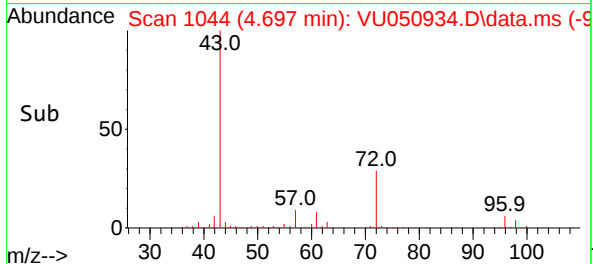
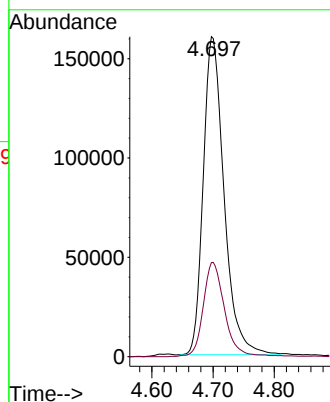
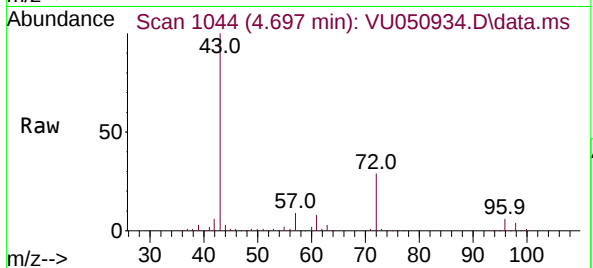
ClientSampleId :

Tgt Ion: 43 Resp: 378865

Ion Ratio Lower Upper

43 100

72 29.9 14.8 44.3



#23

Bromochloromethane

Concen: 48.687 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Tgt Ion:128 Resp: 101786

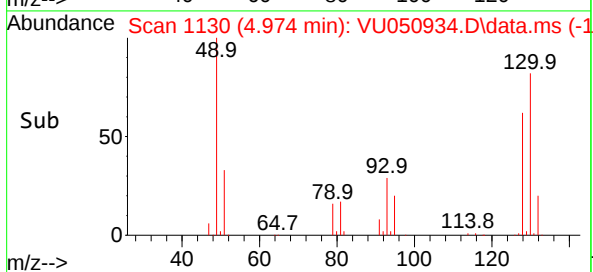
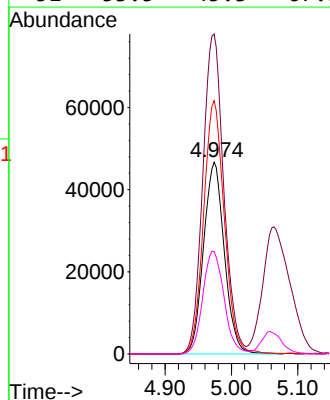
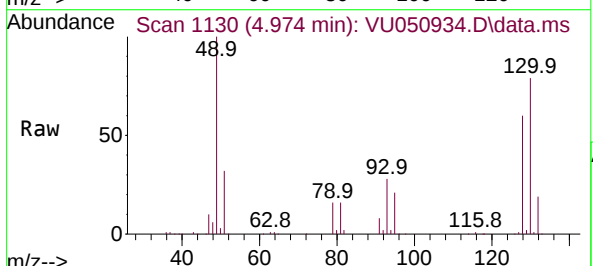
Ion Ratio Lower Upper

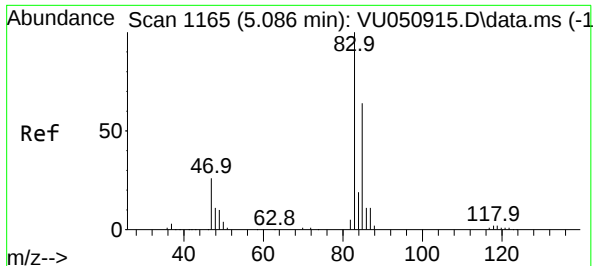
128 100

49 167.0 123.1 228.5

130 132.2 90.9 168.7

51 53.5 45.3 67.9





#25

Chloroform

Concen: 49.818 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

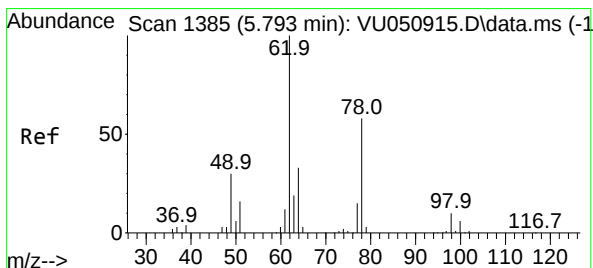
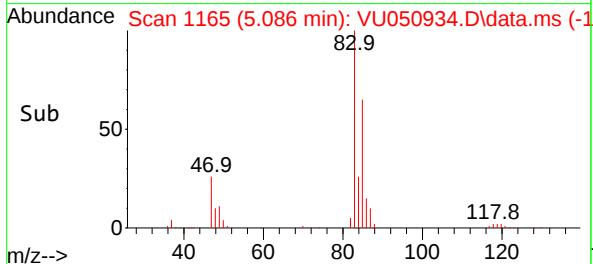
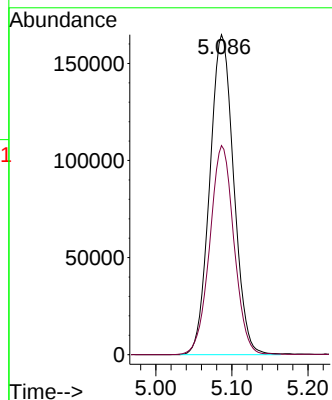
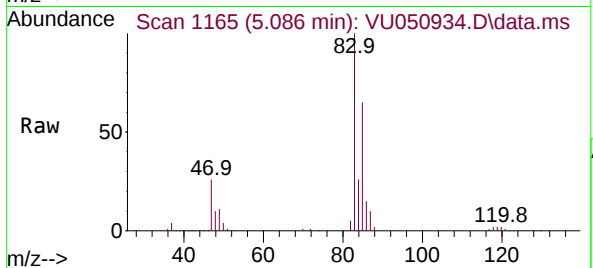
ClientSampleId :

Tgt Ion: 83 Resp: 360910

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.963 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050934.D

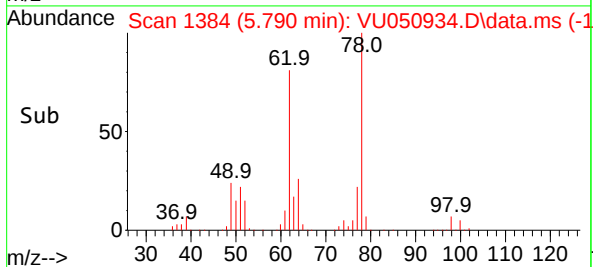
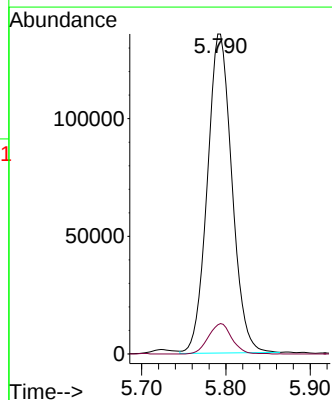
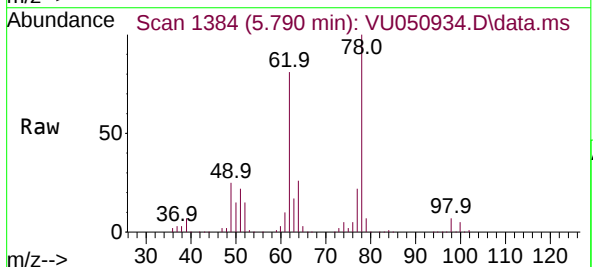
Acq: 23 Sep 2022 21:02

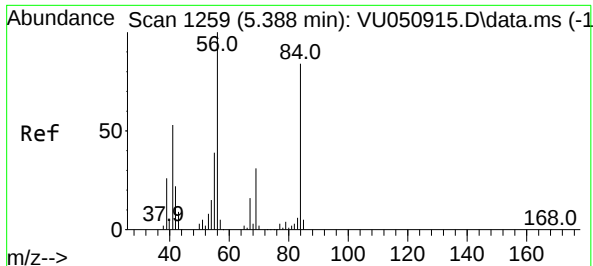
Tgt Ion: 62 Resp: 275077

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 49.578 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

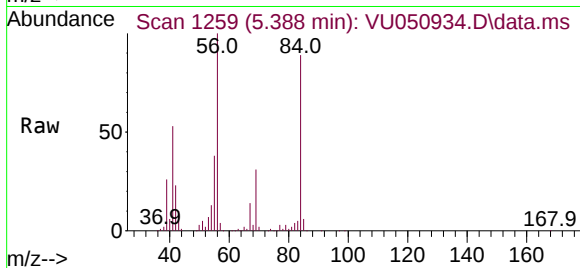
Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :



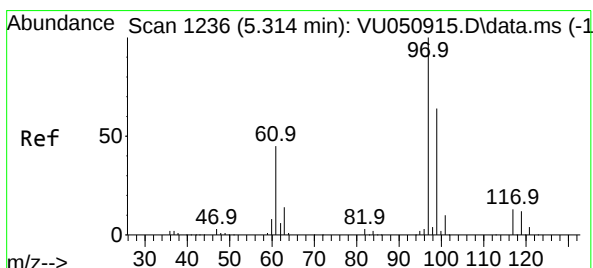
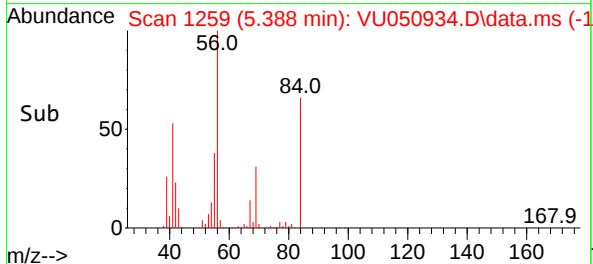
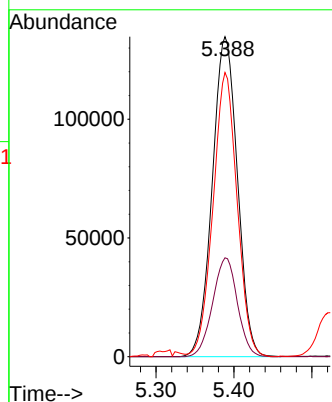
Tgt Ion: 56 Resp: 302333

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 85.2 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 50.734 ug/L

RT: 5.315 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

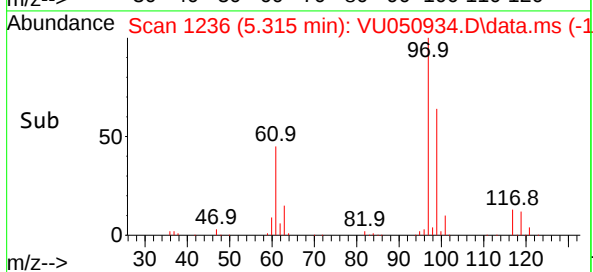
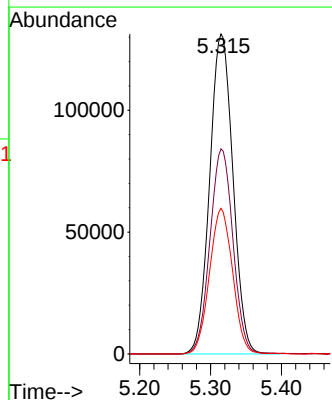
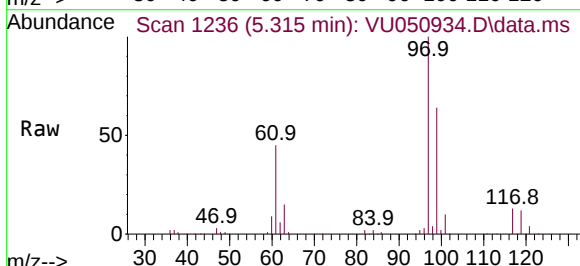
Tgt Ion: 97 Resp: 299089

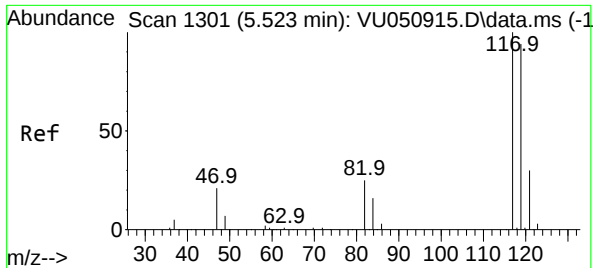
Ion Ratio Lower Upper

97 100

99 63.6 52.2 78.2

61 45.2 37.1 55.7

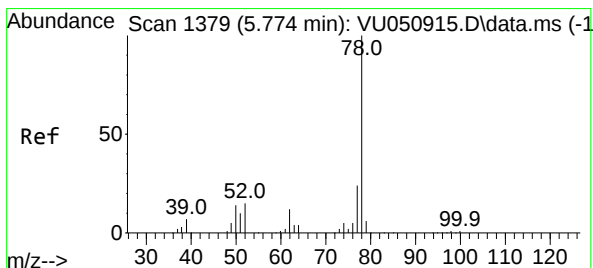
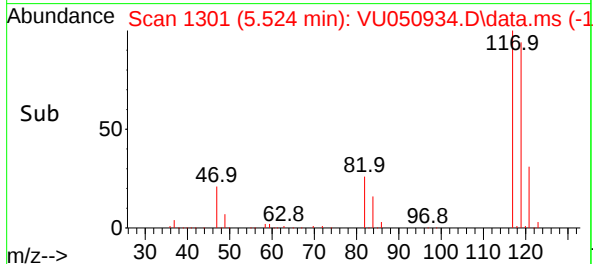
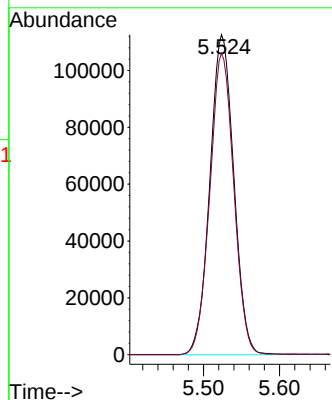
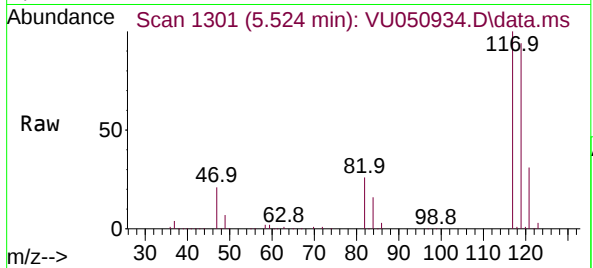




#31
Carbon tetrachloride
Concen: 50.201 ug/L
RT: 5.524 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

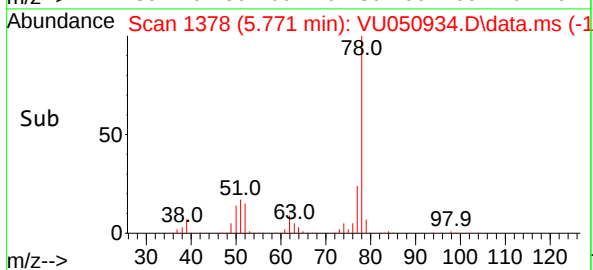
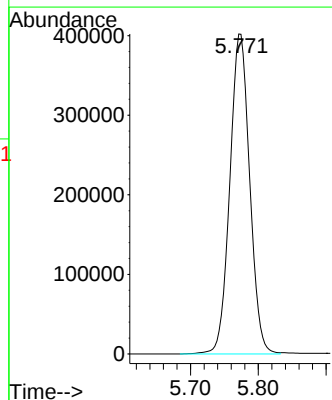
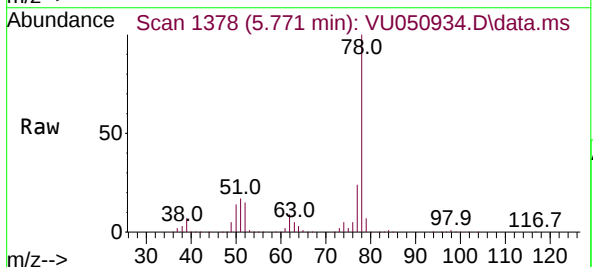
Instrument :
MSVOA_U
ClientSampleId :

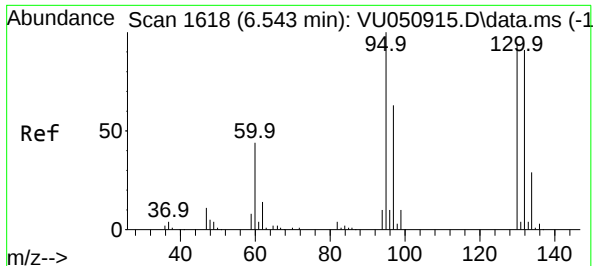
Tgt Ion:117 Resp: 245857
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0



#33
Benzene
Concen: 50.223 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 78 Resp: 819015





#34

Trichloroethene

Concen: 52.413 ug/L

RT: 6.540 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 198545

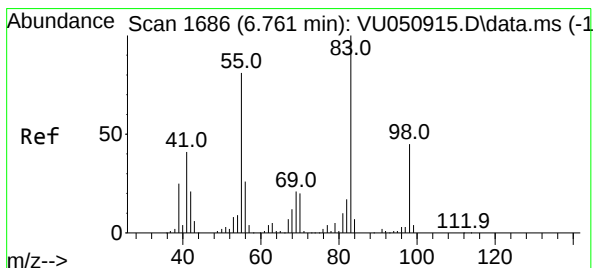
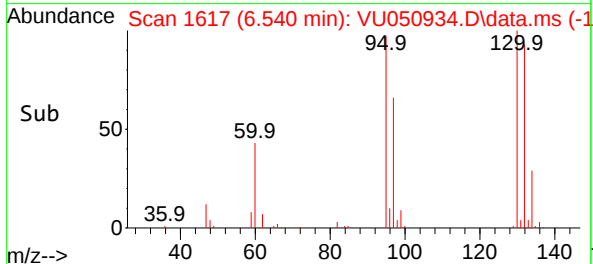
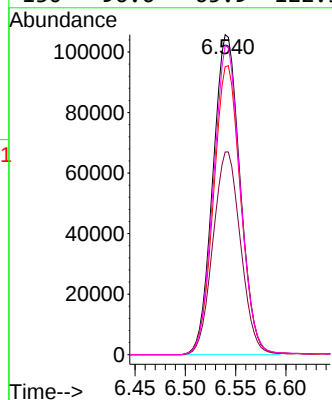
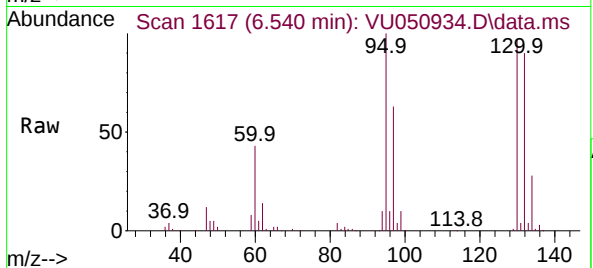
Ion Ratio Lower Upper

95 100

97 63.3 43.9 81.5

132 90.0 63.1 117.1

130 96.6 65.9 122.3



#35

Methylcyclohexane

Concen: 50.727 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

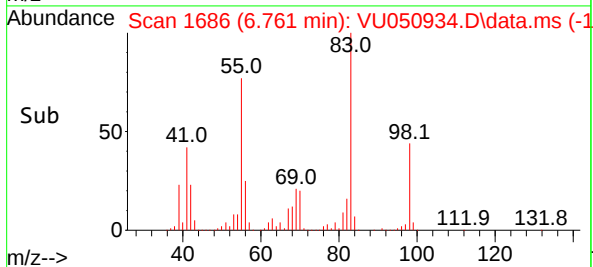
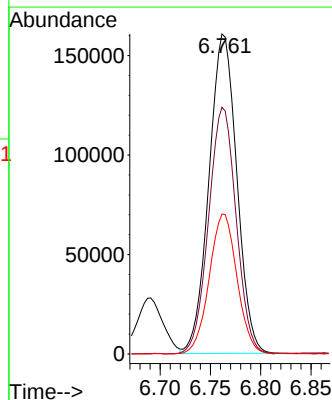
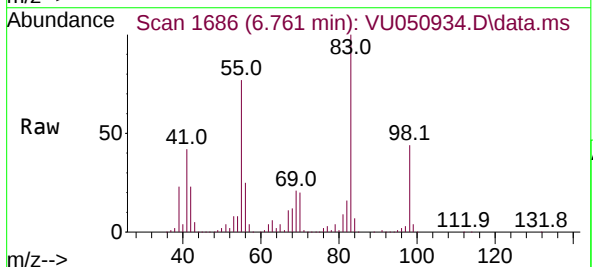
Tgt Ion: 83 Resp: 309621

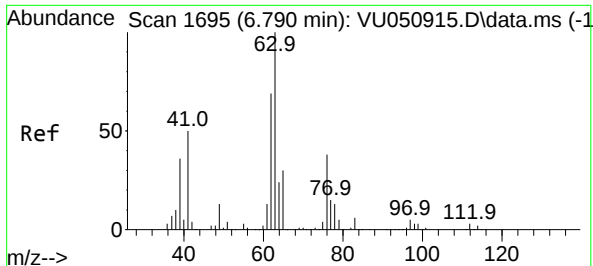
Ion Ratio Lower Upper

83 100

55 76.4 64.7 97.1

98 43.7 35.2 52.8





#37

1,2-Dichloropropane

Concen: 48.980 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

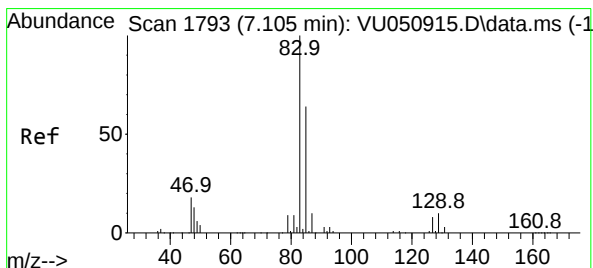
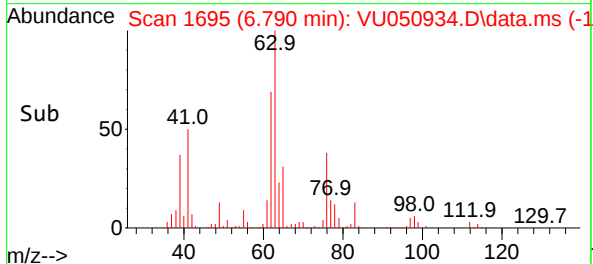
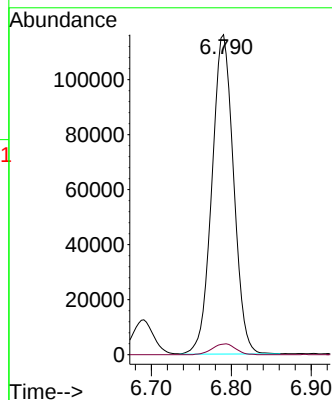
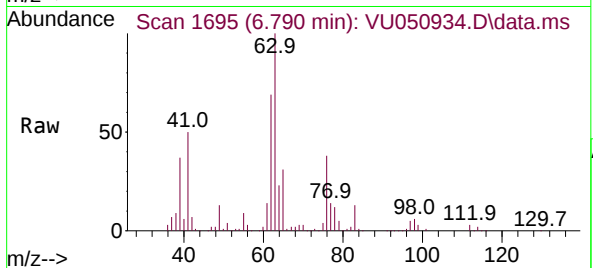
ClientSampleId :

Tgt Ion: 63 Resp: 218570

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 50.589 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

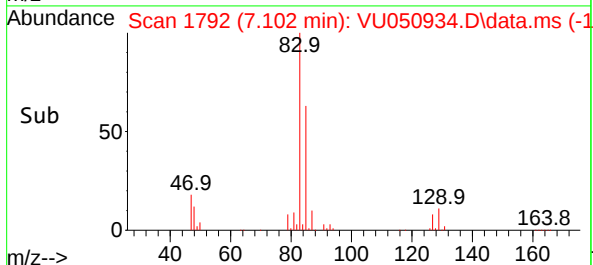
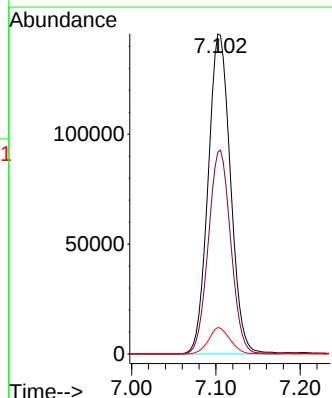
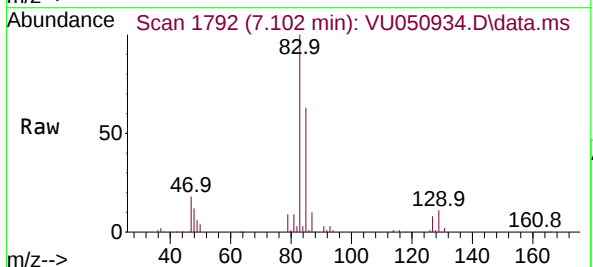
Tgt Ion: 83 Resp: 268973

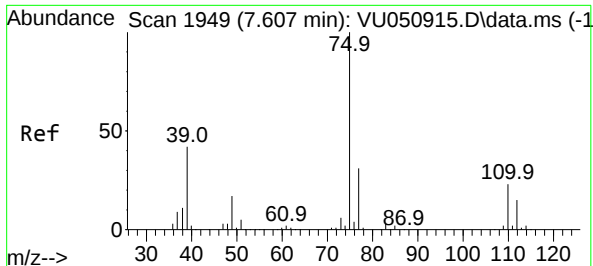
Ion Ratio Lower Upper

83 100

85 63.0 44.3 82.3

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.769 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

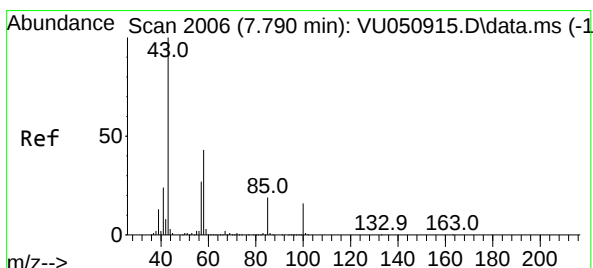
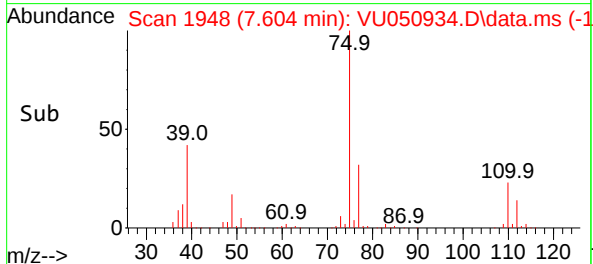
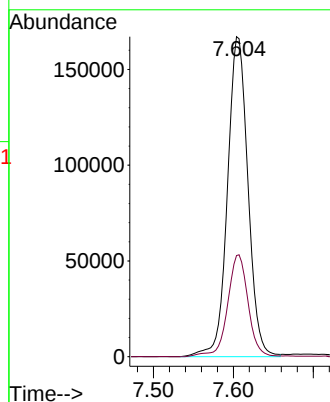
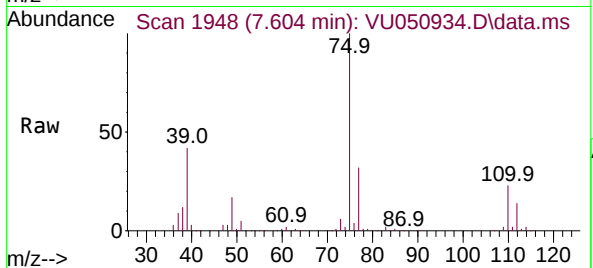
ClientSampleId :

Tgt Ion: 75 Resp: 297201

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 111.833 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

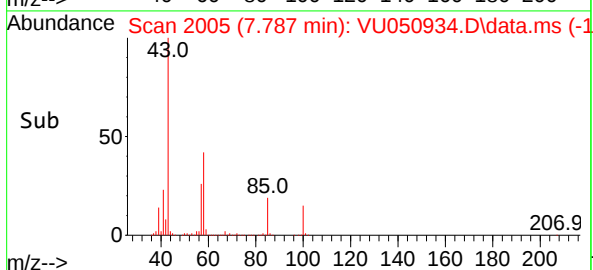
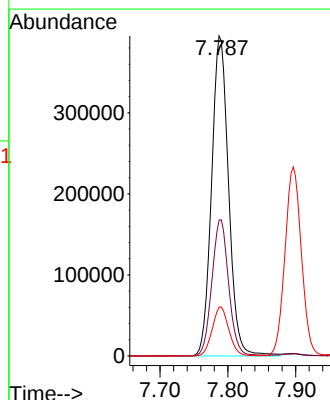
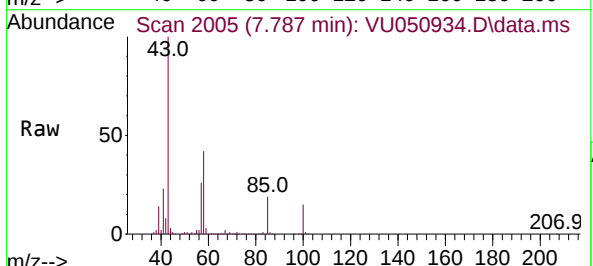
Tgt Ion: 43 Resp: 687765

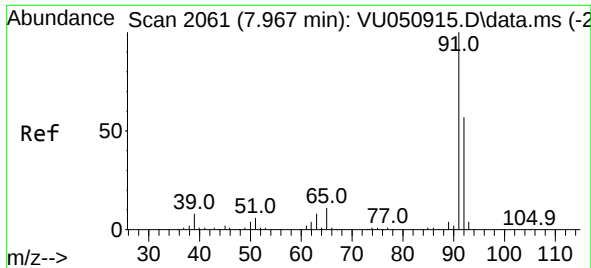
Ion Ratio Lower Upper

43 100

58 42.1 33.8 50.6

100 15.0 12.0 18.0





#42

Toluene

Concen: 51.908 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

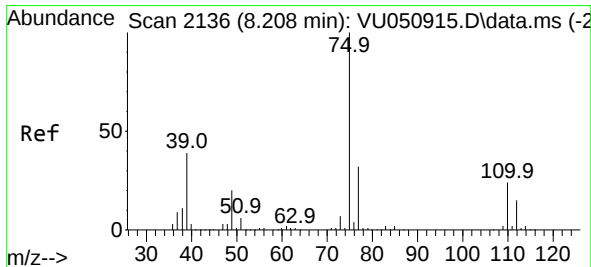
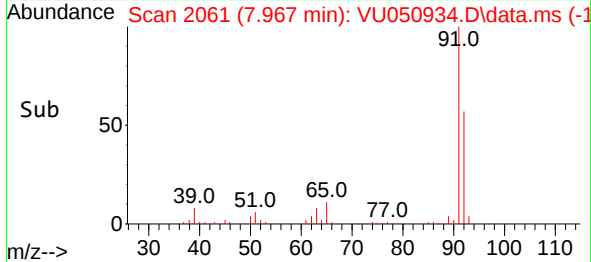
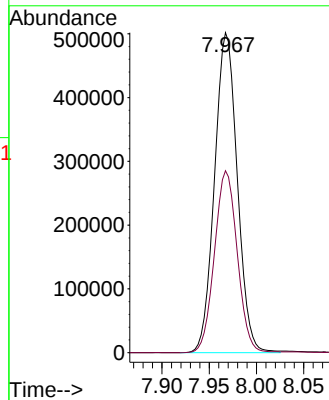
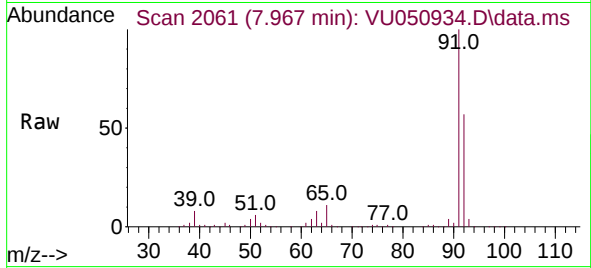
ClientSampleId :

Tgt Ion: 91 Resp: 840347

Ion Ratio Lower Upper

91 100

92 56.8 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 50.480 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050934.D

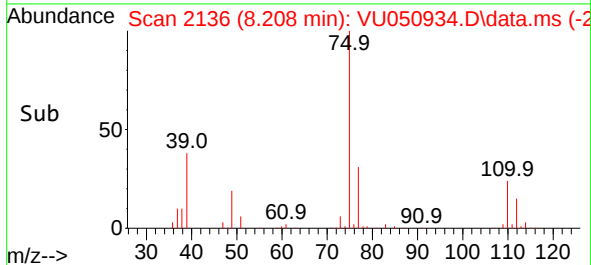
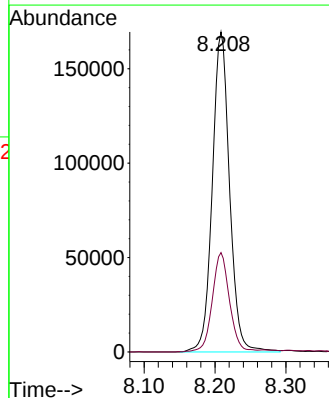
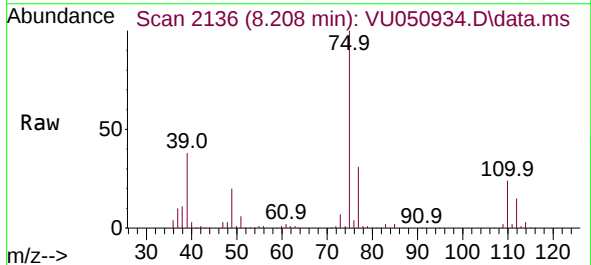
Acq: 23 Sep 2022 21:02

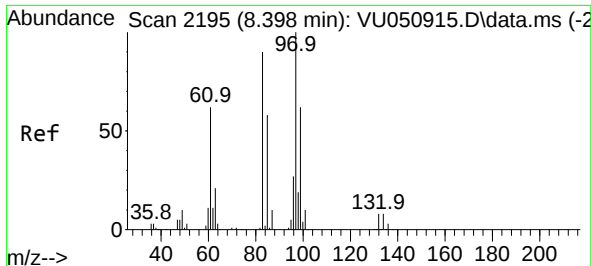
Tgt Ion: 75 Resp: 286758

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7

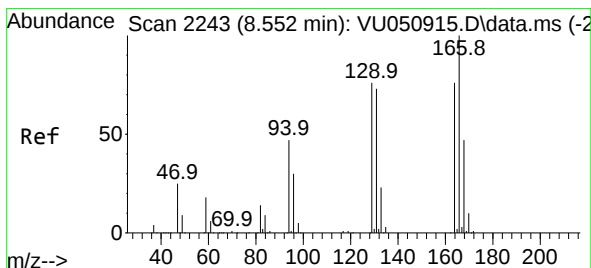
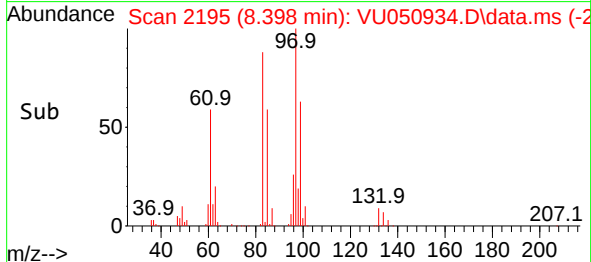
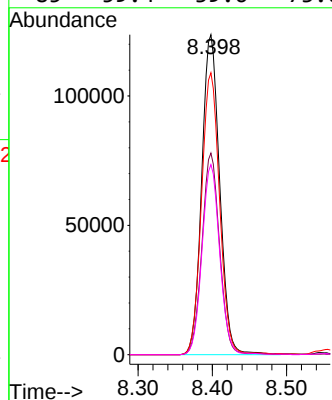
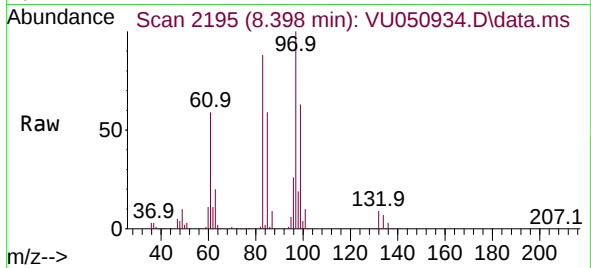




#45
1,1,2-Trichloroethane
Concen: 50.455 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

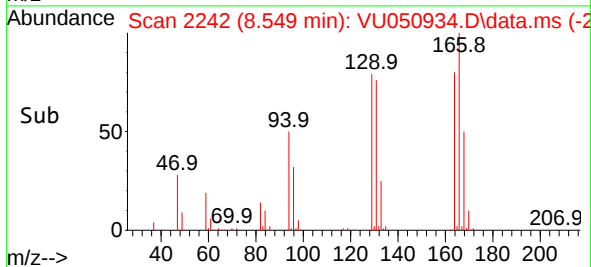
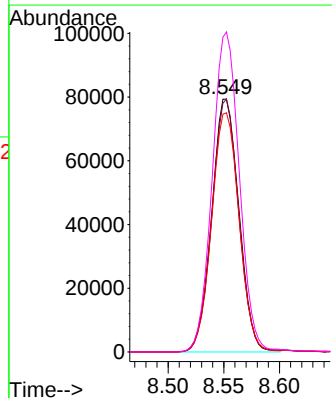
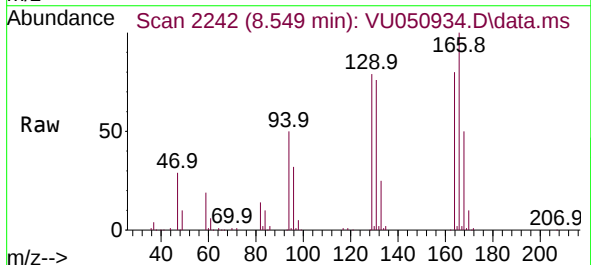
Instrument :
MSVOA_U
ClientSampleId :

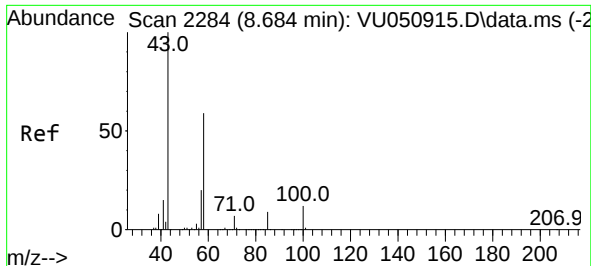
Tgt Ion:	97	Resp:	207490
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.8	81.4
83	88.1	62.6	116.3
85	59.4	39.6	73.6



#46
Tetrachloroethene
Concen: 49.371 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

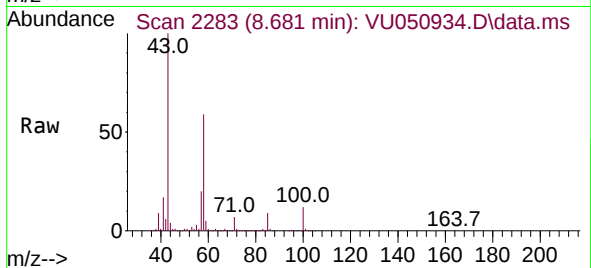
Tgt Ion:	164	Resp:	134397
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.5	127.3
131	94.1	66.1	122.7
166	124.5	88.8	164.8





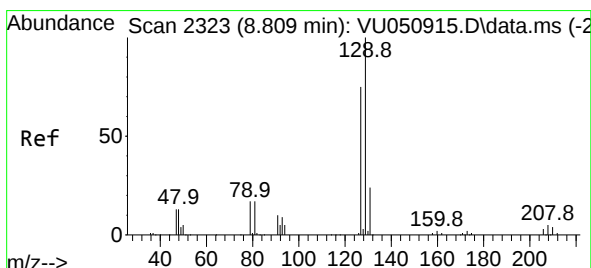
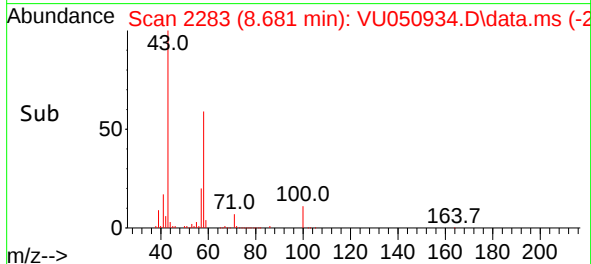
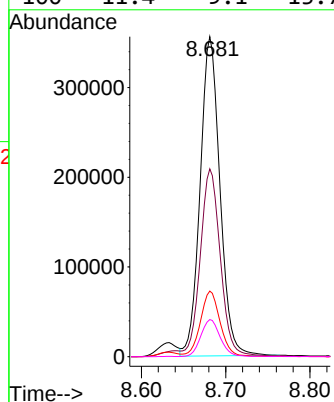
#48
2-Hexanone
Concen: 113.485 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 583184

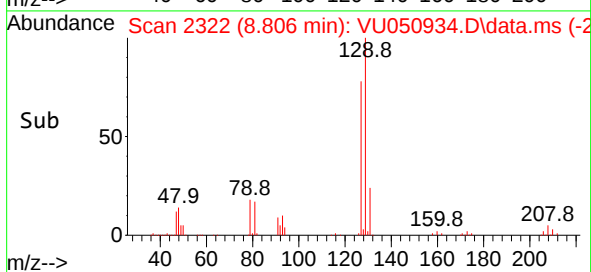
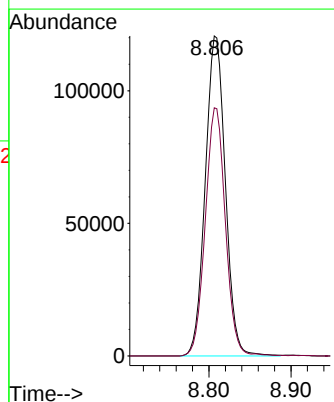
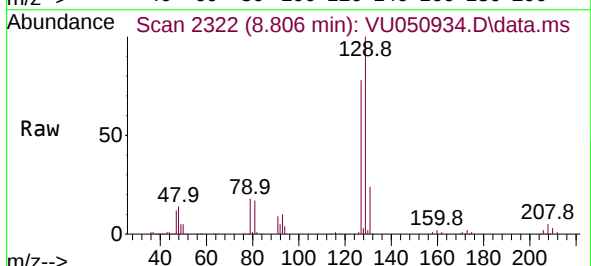
Ion	Ratio	Lower	Upper
43	100		
58	58.8	47.2	70.8
57	20.3	16.2	24.4
100	11.4	9.1	13.7

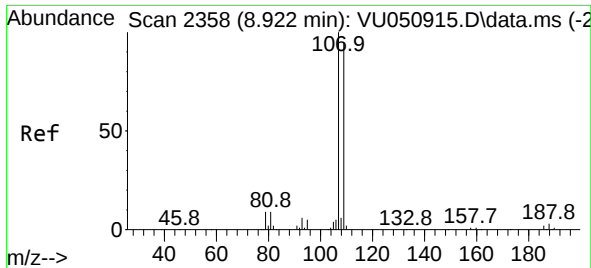


#49
Dibromochloromethane
Concen: 50.955 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 129 Resp: 205465

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.5	101.1





#50

1,2-Dibromoethane

Concen: 51.325 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

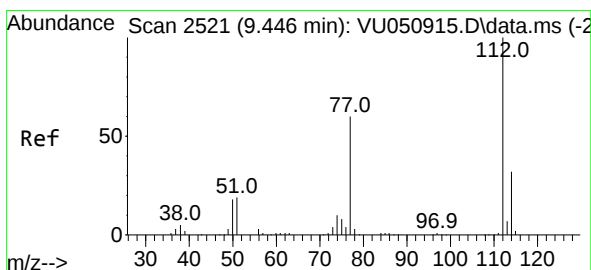
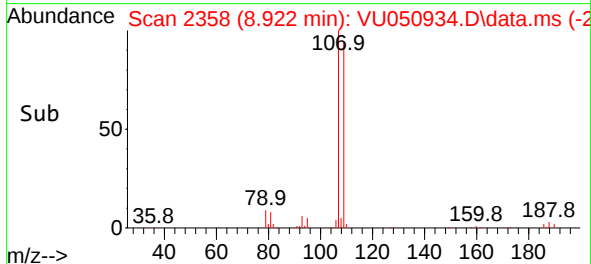
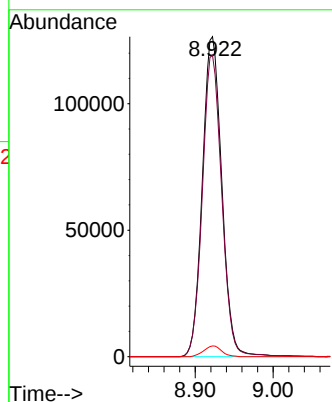
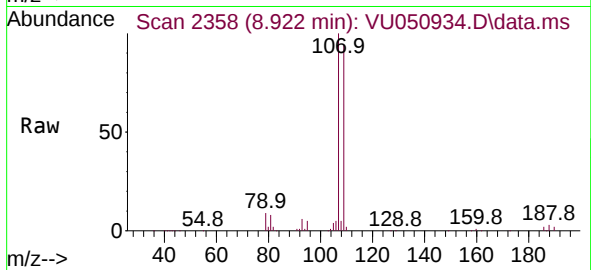
Tgt Ion:107 Resp: 218988

Ion Ratio Lower Upper

107 100

109 94.2 66.0 122.6

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 50.699 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

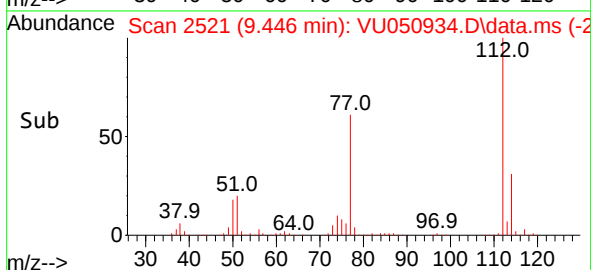
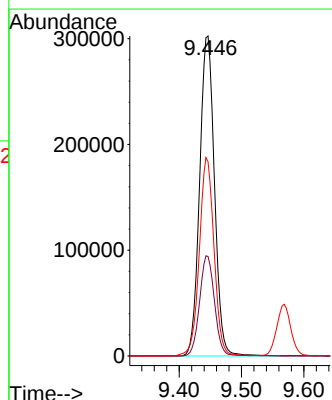
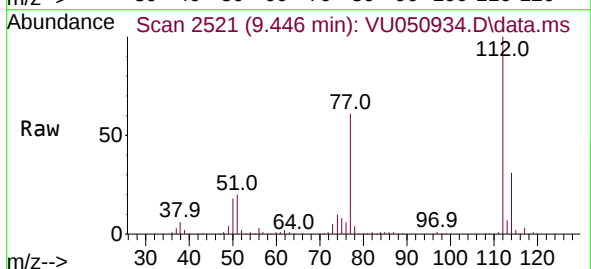
Tgt Ion:112 Resp: 501082

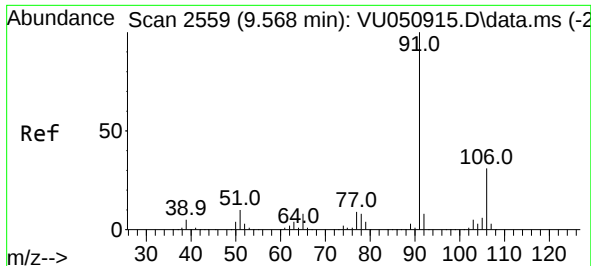
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.3

77 60.7 49.8 74.8

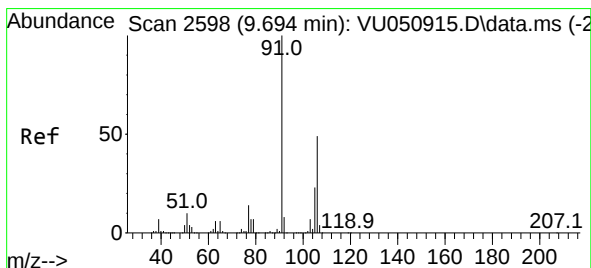
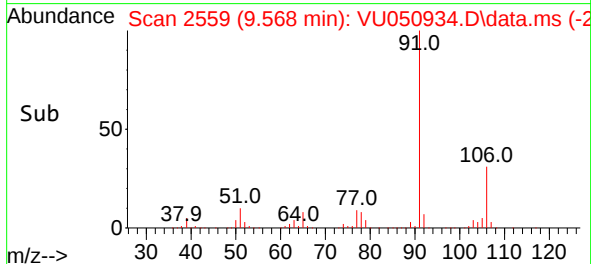
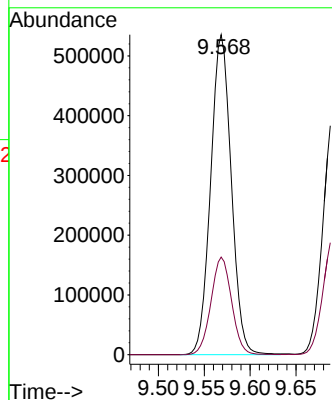
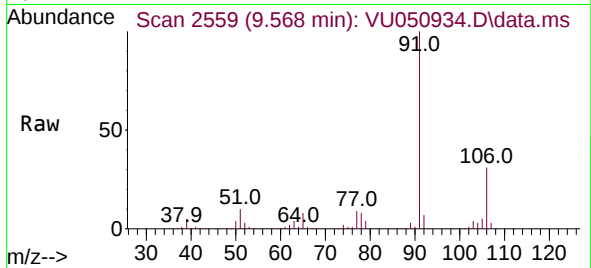




#52
Ethylbenzene
Concen: 51.821 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

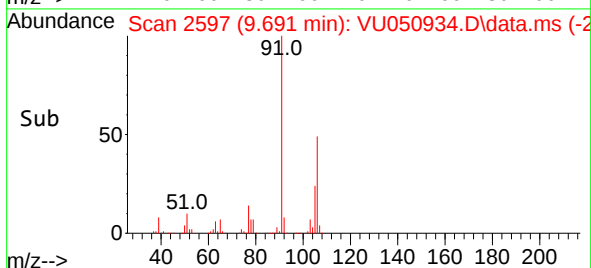
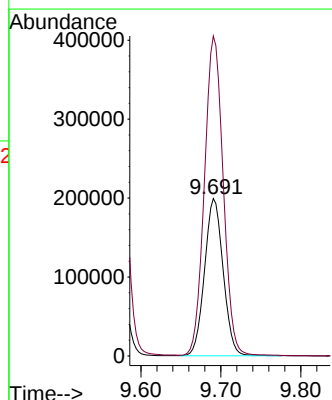
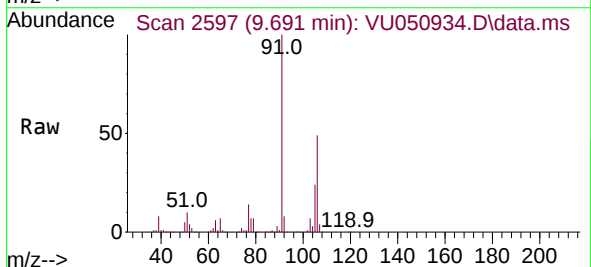
Instrument :
MSVOA_U
ClientSampleId :

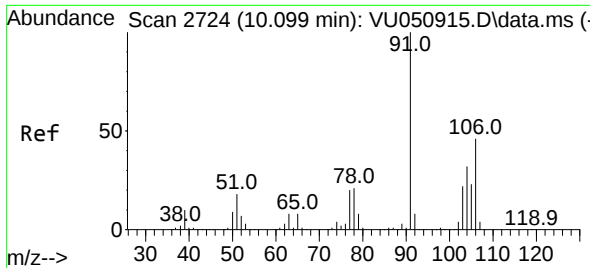
Tgt Ion: 91 Resp: 836926
Ion Ratio Lower Upper
91 100
106 30.5 21.0 39.0



#53
m,p-Xylene
Concen: 53.647 ug/L
RT: 9.691 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 106 Resp: 322120
Ion Ratio Lower Upper
106 100
91 203.2 144.0 267.4

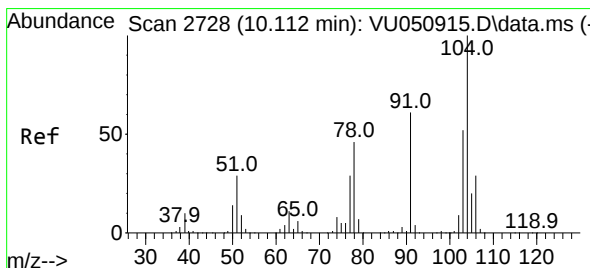
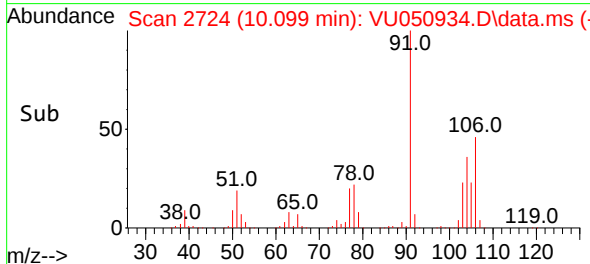
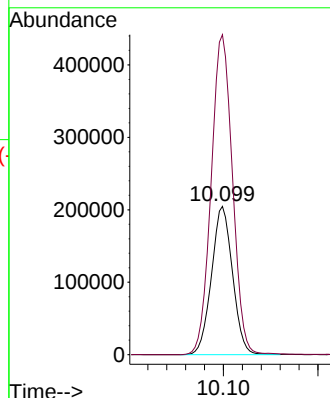
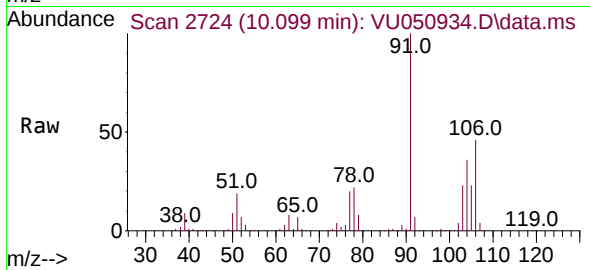




#54
o-Xylene
Concen: 52.845 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

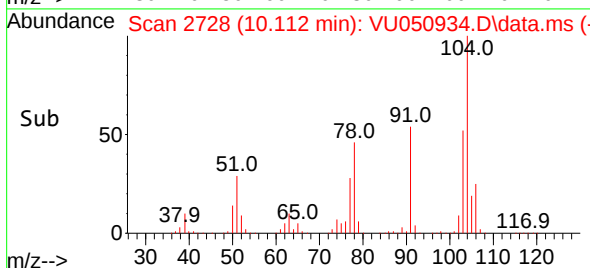
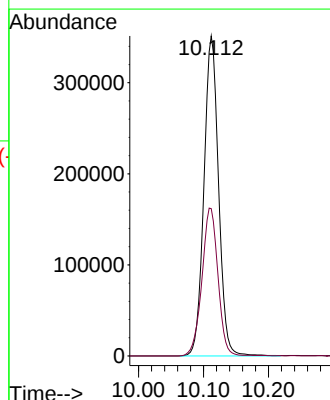
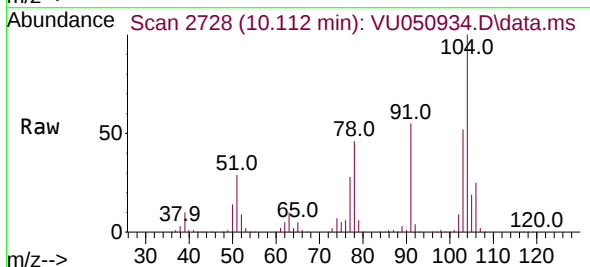
Instrument :
MSVOA_U
ClientSampleId :

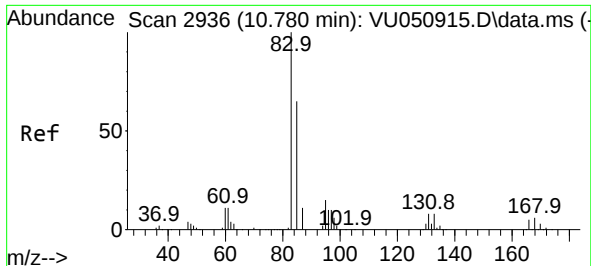
Tgt Ion:106 Resp: 316156
Ion Ratio Lower Upper
106 100
91 215.7 154.6 287.0



#55
Styrene
Concen: 53.861 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion:104 Resp: 552469
Ion Ratio Lower Upper
104 100
78 46.1 32.4 60.2

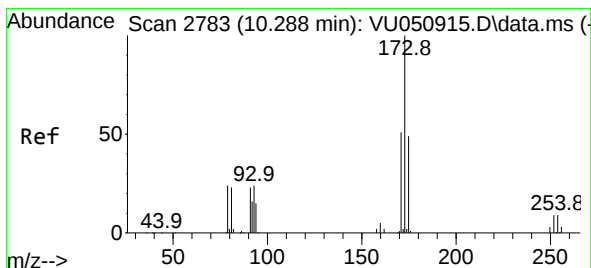
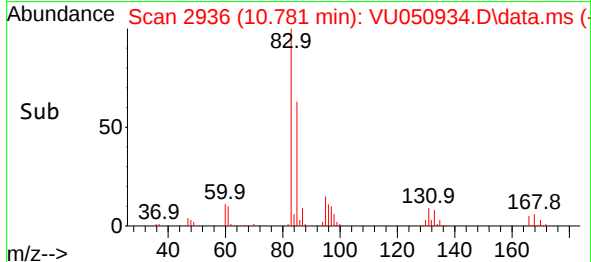
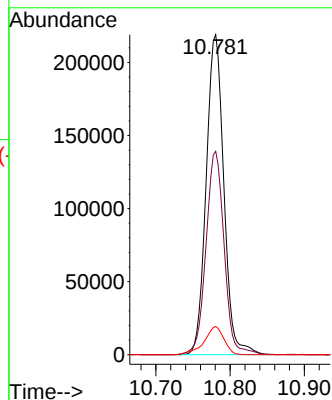
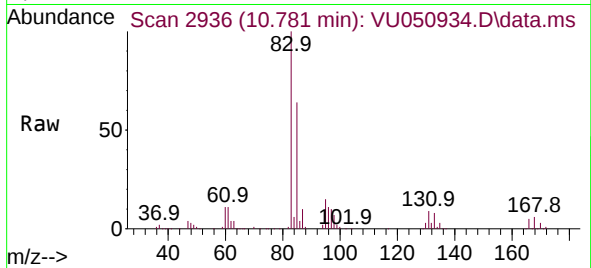




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.503 ug/L
 RT: 10.781 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

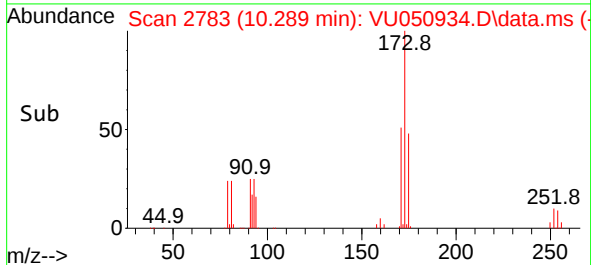
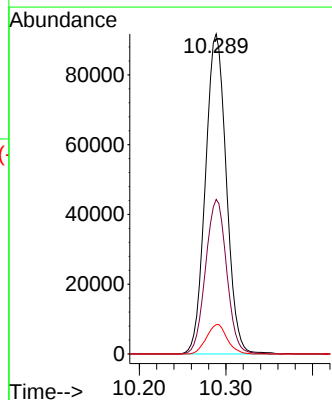
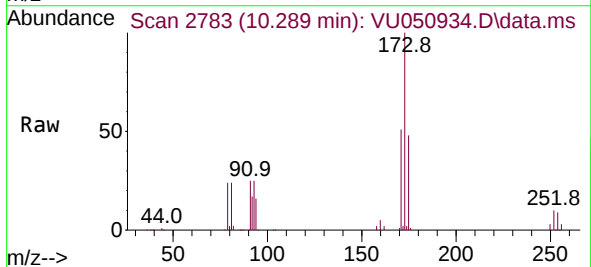
Instrument :
 MSVOA_U
 ClientSampleId :

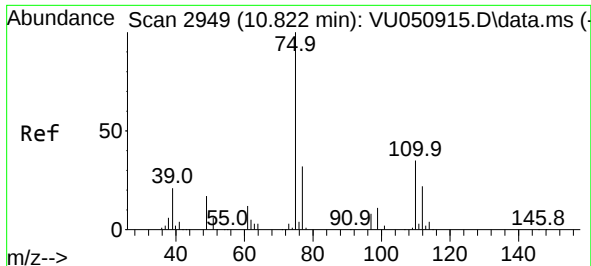
Tgt Ion: 83 Resp: 361468
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.1 83.9
 131 8.8 7.1 10.7



#59
 Bromoform
 Concen: 48.952 ug/L
 RT: 10.289 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

Tgt Ion:173 Resp: 153624
 Ion Ratio Lower Upper
 173 100
 175 48.7 37.8 56.8
 254 9.1 7.1 10.7

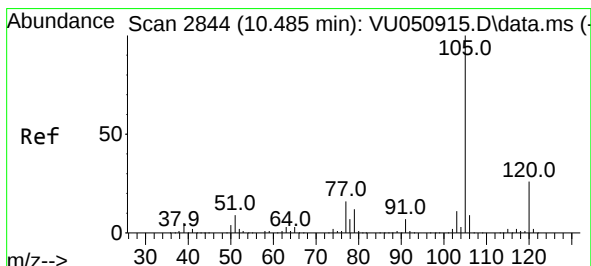
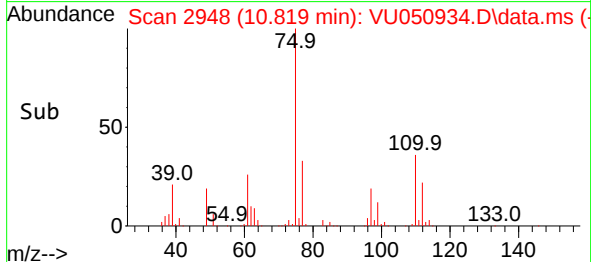
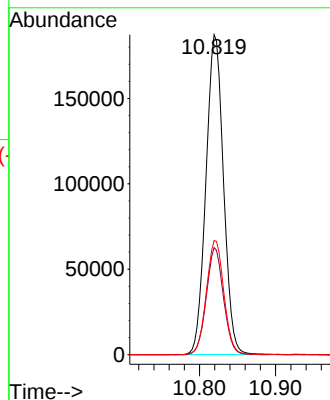
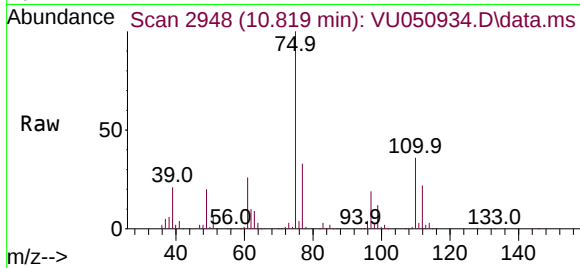




#60
1,2,3-Trichloropropane
Concen: 48.955 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

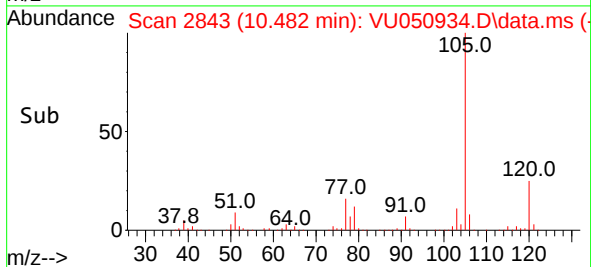
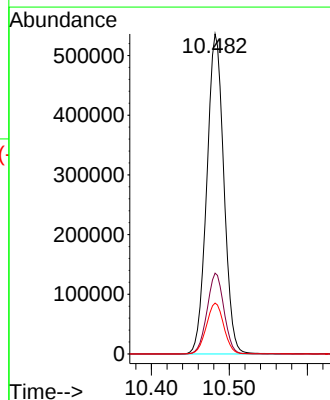
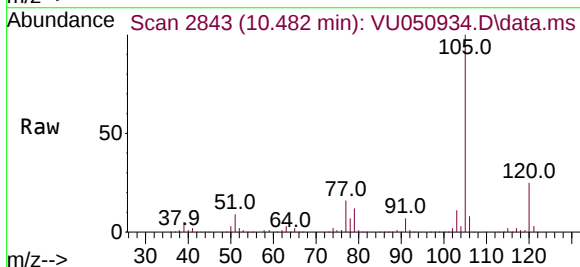
Instrument :
MSVOA_U
ClientSampleId :

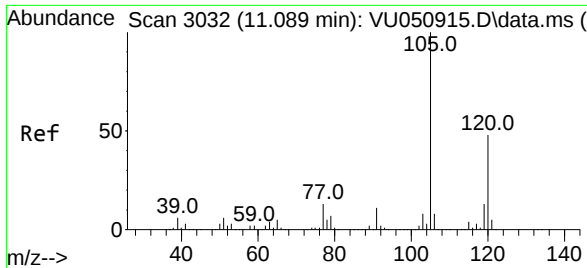
Tgt Ion: 75 Resp: 299398
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 35.7 28.6 43.0



#61
Isopropylbenzene
Concen: 52.288 ug/L
RT: 10.482 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion: 105 Resp: 812461
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 16.3 12.9 19.3

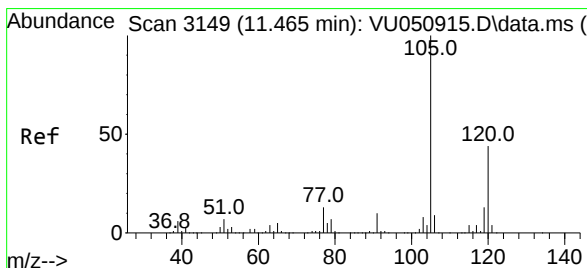
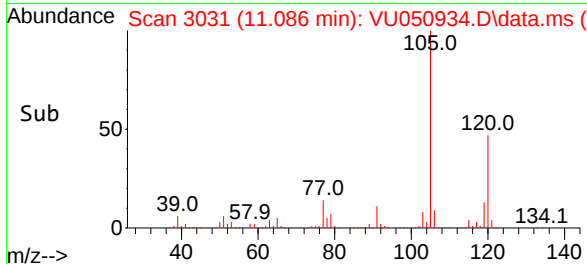
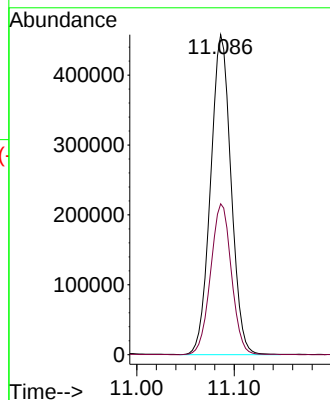
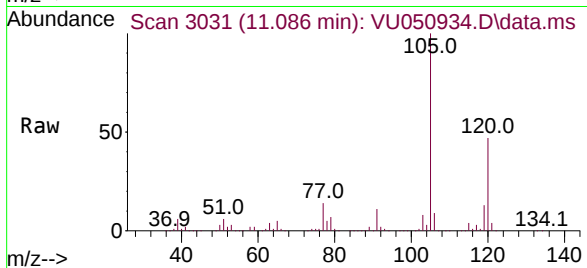




#62
 1,3,5-Trimethylbenzene
 Concen: 52.347 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

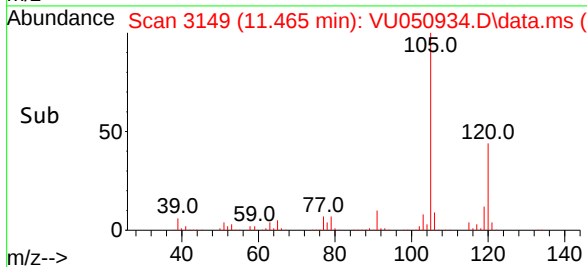
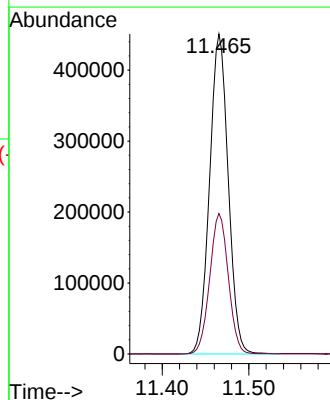
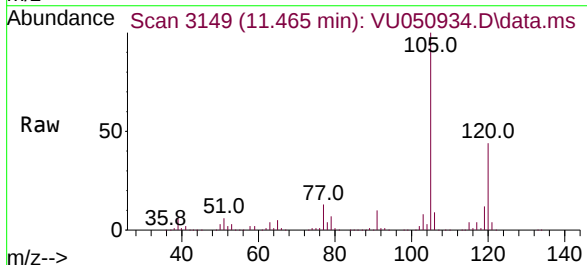
Instrument :
 MSVOA_U
 ClientSampleId :

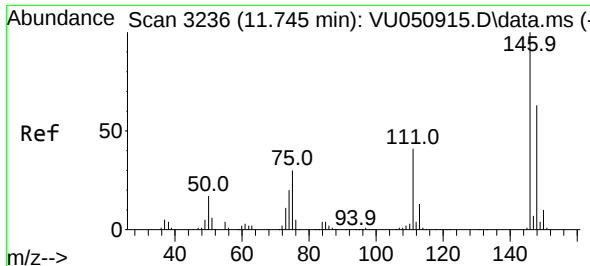
Tgt Ion:105 Resp: 668649
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 53.273 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

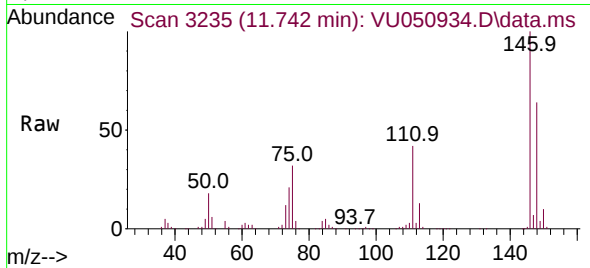
Tgt Ion:105 Resp: 673885
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.9 52.3



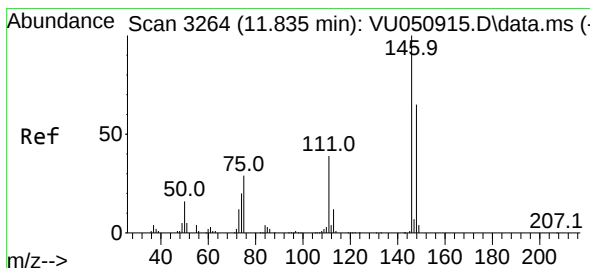
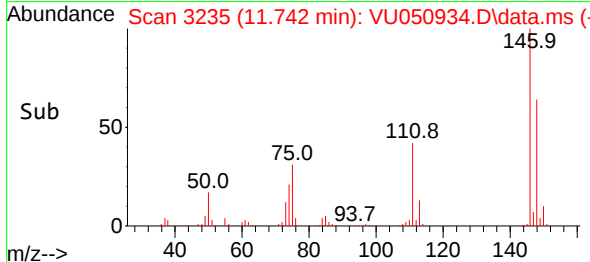
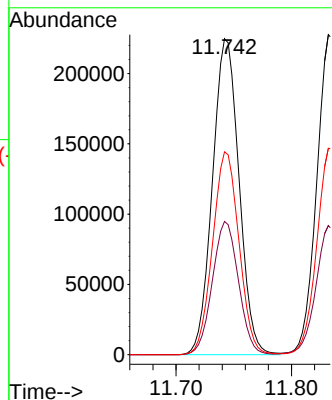


#64
1,3-Dichlorobenzene
Concen: 50.506 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Instrument :
MSVOA_U
ClientSampleId :

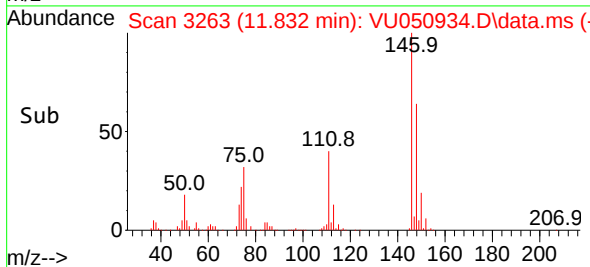
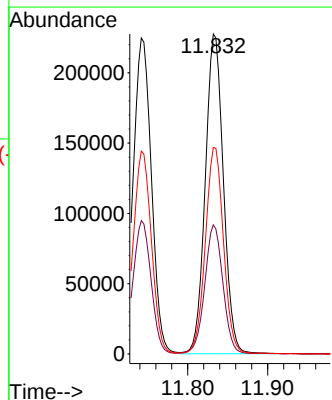
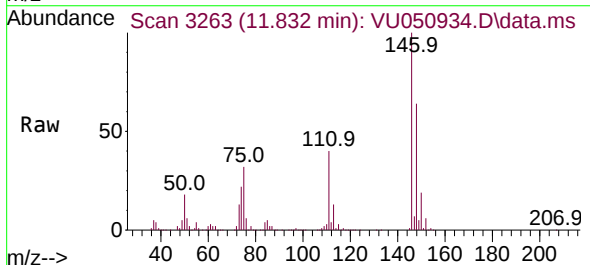


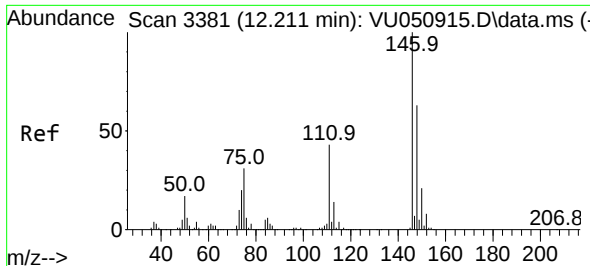
Tgt Ion:146 Resp: 358874
Ion Ratio Lower Upper
146 100
111 42.2 27.9 51.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.719 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

Tgt Ion:146 Resp: 358665
Ion Ratio Lower Upper
146 100
111 40.3 27.5 51.1
148 64.5 45.4 84.2

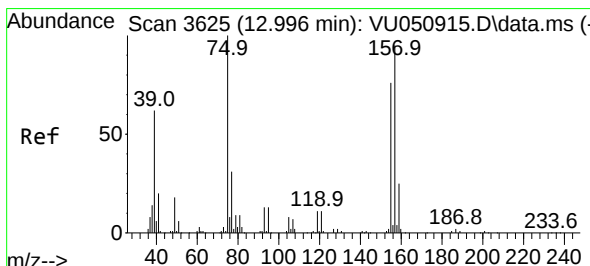
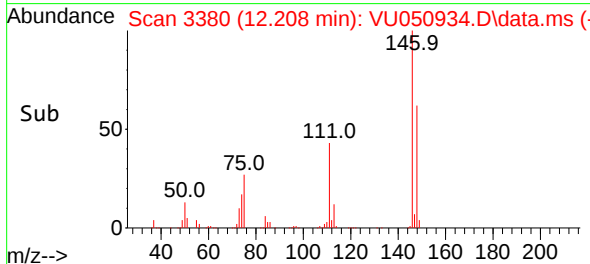
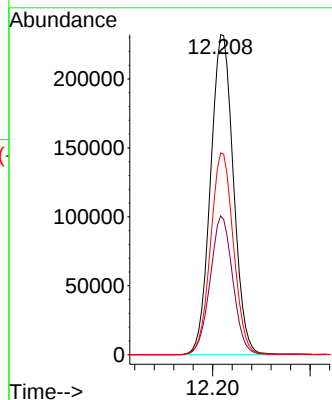
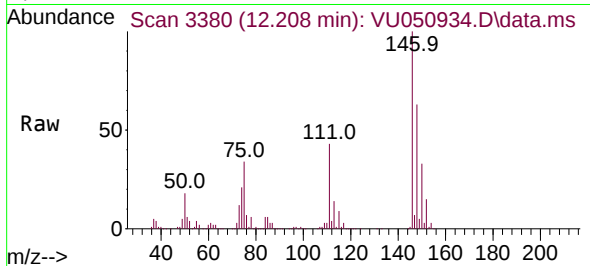




#67
1,2-Dichlorobenzene
Concen: 50.260 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

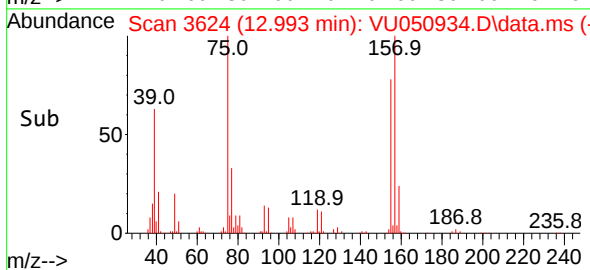
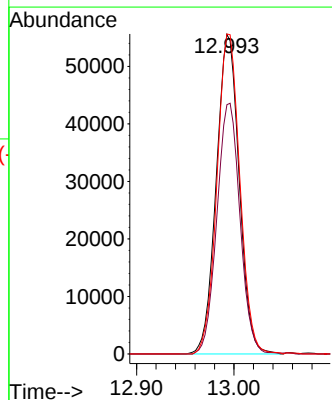
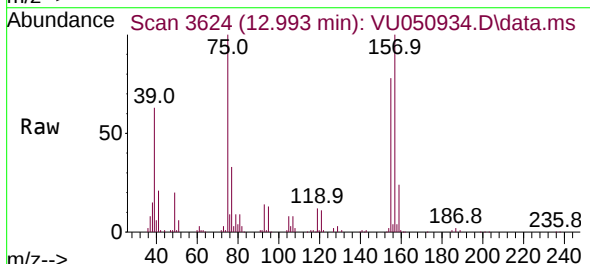
Instrument :
MSVOA_U
ClientSampleId :

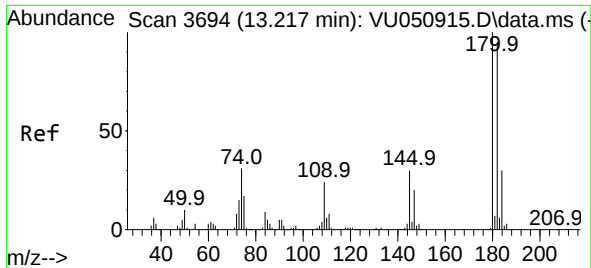
Tgt Ion:146 Resp: 378142
Ion Ratio Lower Upper
146 100
111 43.4 35.2 52.8
148 63.1 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 53.945 ug/L
RT: 12.993 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050934.D
Acq: 23 Sep 2022 21:02

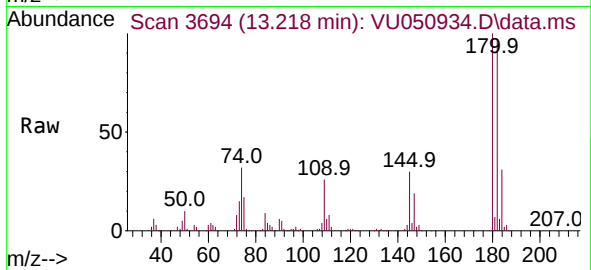
Tgt Ion: 75 Resp: 90739
Ion Ratio Lower Upper
75 100
155 78.0 63.8 95.8
157 100.1 81.8 122.8



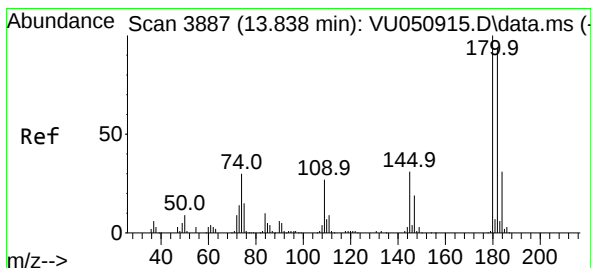
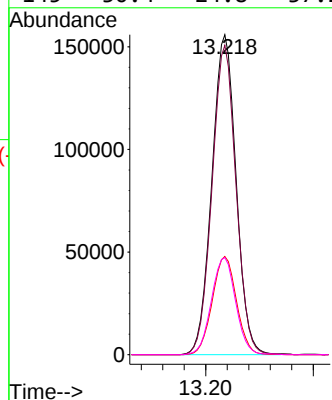
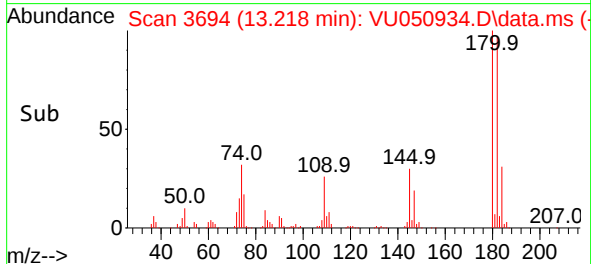


#69
 1,3,5-Trichlorobenzene
 Concen: 49.031 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02

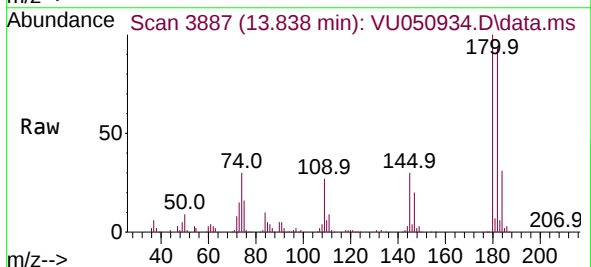
Instrument :
 MSVOA_U
 ClientSampleId :



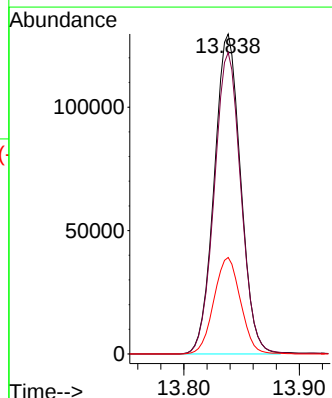
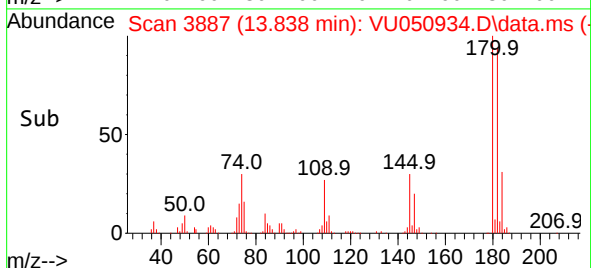
Tgt Ion:180 Resp: 243756
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.2 117.2
 184 30.7 24.8 37.2
 145 30.4 24.8 37.2

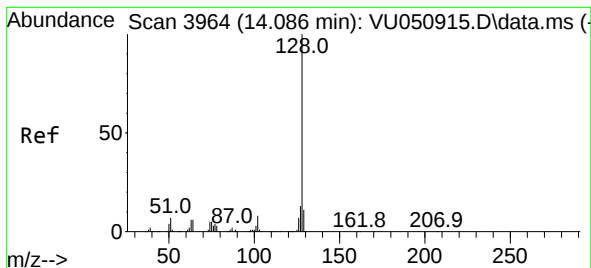


#70
 1,2,4-trichlorobenzene
 Concen: 50.667 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050934.D
 Acq: 23 Sep 2022 21:02



Tgt Ion:180 Resp: 206138
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.2
 145 30.4 25.1 37.7





#71

Naphthalene

Concen: 54.884 ug/L

RT: 14.083 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Instrument :

MSVOA_U

ClientSampleId :

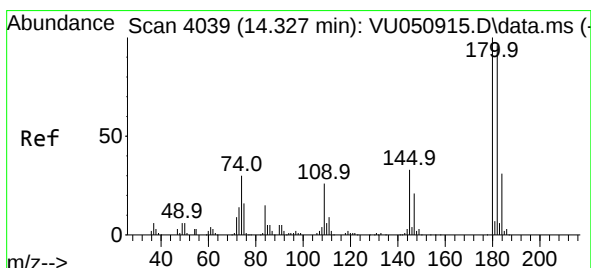
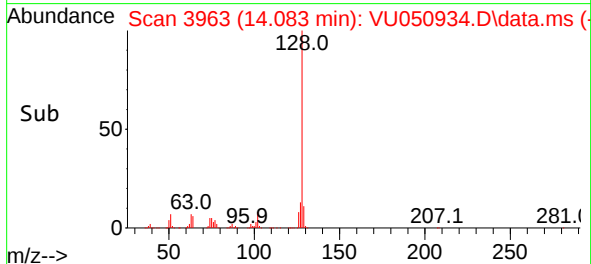
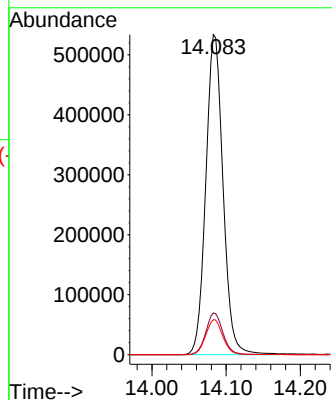
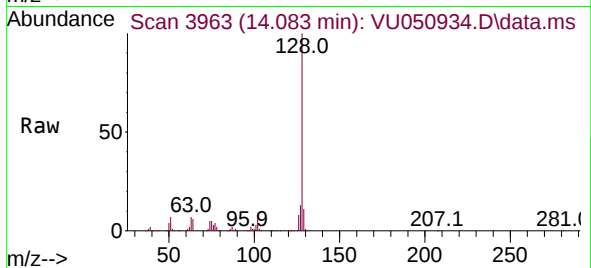
Tgt Ion:128 Resp: 858174

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 52.451 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU050934.D

Acq: 23 Sep 2022 21:02

Tgt Ion:180 Resp: 238833

Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

145 31.8 26.3 39.5

