

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046276.D
 Acq On : 10 Dec 2021 19:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:26:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	233287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	238284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133181	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	67095	34.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.820%
7) Chloroethane-d5	1.919	69	52275	35.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.860%
11) 1,1-Dichloroethene-d2	2.578	63	133820	38.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.580%
21) 2-Butanone-d5	4.642	46	135120	88.449	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.450%
24) Chloroform-d	5.070	84	136005	42.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	5.706	65	88696	41.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.360%
32) Benzene-d6	5.732	84	275257	40.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.693	67	88282	41.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.420%
41) Toluene-d8	7.899	98	249649	40.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.300%
43) trans-1,3-Dichloroprop...	8.182	79	45085	44.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
47) 2-Hexanone-d5	8.635	63	96896	96.551	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.550%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141336	44.031	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	104807	40.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	93518	36.846	ug/L	100
3) Chloromethane	1.523	50	81903	36.078	ug/L	99
5) Vinyl chloride	1.610	62	90380	39.484	ug/L	99
6) Bromomethane	1.864	94	55816	43.022	ug/L	97
8) Chloroethane	1.941	64	52435	39.563	ug/L	98
9) Trichlorofluoromethane	2.147	101	129616	43.372	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	82481	48.590	ug/L	95
12) 1,1-Dichloroethene	2.587	96	75030	46.515	ug/L	88
13) Acetone	2.661	43	125045	65.495	ug/L	96
14) Carbon disulfide	2.800	76	184558	36.878	ug/L	98
15) Methyl Acetate	2.960	43	99224	44.582	ug/L	98
16) Methylene chloride	3.054	84	90917	47.374	ug/L	95
17) trans-1,2-Dichloroethene	3.362	96	80716	47.284	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	278994	53.033	ug/L	99
19) 1,1-Dichloroethane	3.877	63	152478	49.127	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	94466	51.001	ug/L	95
22) 2-Butanone	4.722	43	163399	78.618	ug/L	97
23) Bromochloromethane	4.980	128	49620	53.042	ug/L	89
25) Chloroform	5.092	83	171475	49.725	ug/L	98

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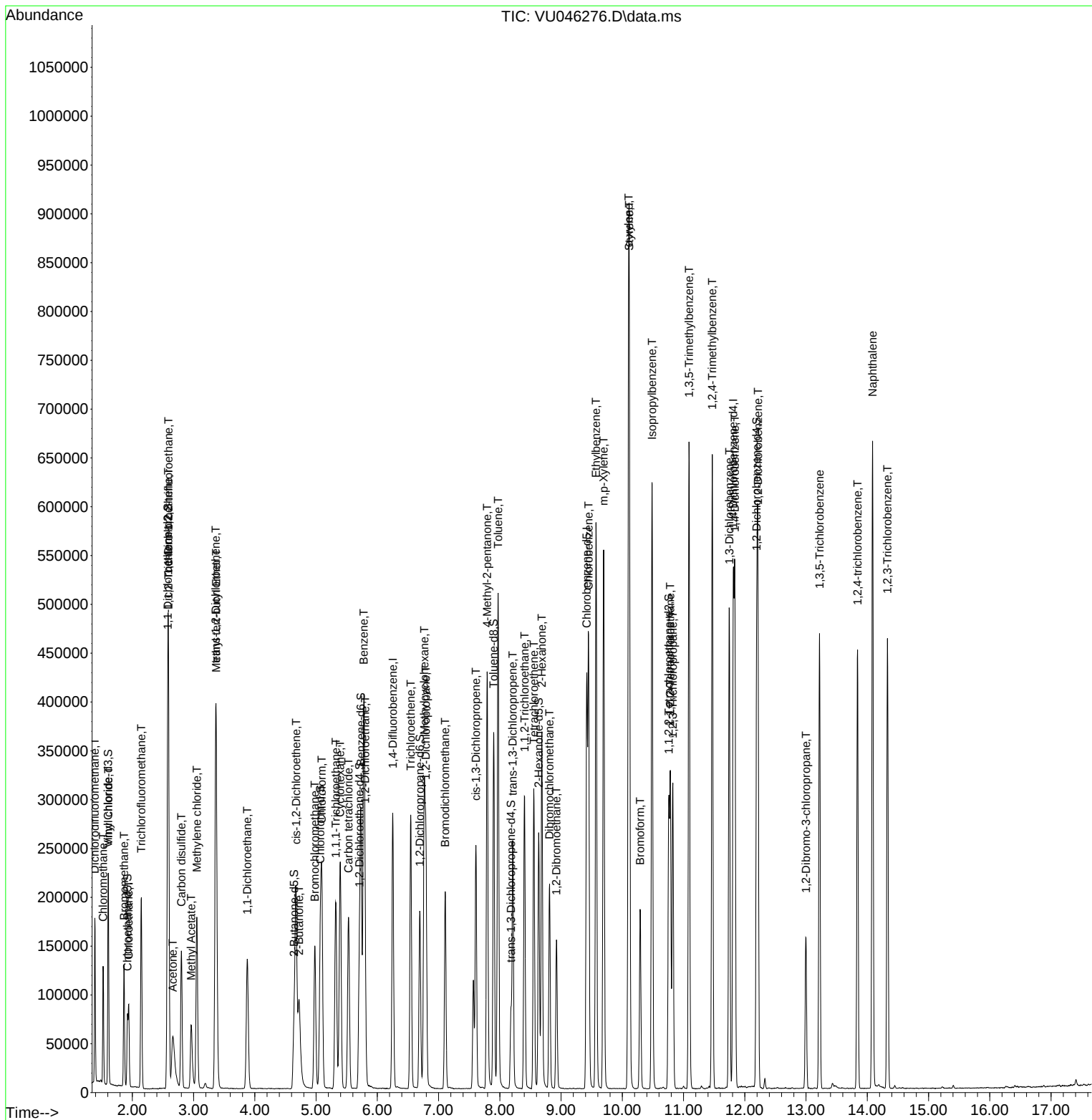
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 ClientSampleId :

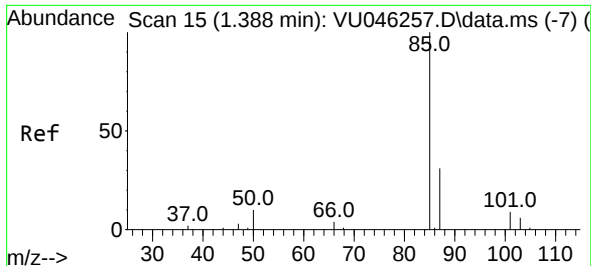
Quant Time: Dec 10 22:26:02 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	123789	48.374	ug/L	99
29) Cyclohexane	5.394	56	121074	43.636	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	145841	49.861	ug/L	98
31) Carbon tetrachloride	5.529	117	123280	49.647	ug/L	98
33) Benzene	5.777	78	344184	47.724	ug/L	100
34) Trichloroethene	6.546	95	94842	49.919	ug/L	99
35) Methylcyclohexane	6.767	83	125476	42.593	ug/L	98
37) 1,2-Dichloropropane	6.793	63	91848	48.617	ug/L	100
38) Bromodichloromethane	7.108	83	132693	52.843	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	151226	52.618	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	271727	97.894	ug/L	98
42) Toluene	7.973	91	380696	49.194	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	144539	51.204	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	96789	51.066	ug/L	98
46) Tetrachloroethene	8.555	164	70308	50.356	ug/L	96
48) 2-Hexanone	8.687	43	220386	88.780	ug/L	98
49) Dibromochloromethane	8.812	129	110833	55.685	ug/L	100
50) 1,2-Dibromoethane	8.925	107	102927	50.088	ug/L	98
51) Chlorobenzene	9.449	112	252735	50.481	ug/L	98
52) Ethylbenzene	9.571	91	417366	50.114	ug/L	97
53) m,p-Xylene	9.697	106	166113	51.144	ug/L	98
54) o-xylene	10.102	106	162017	51.408	ug/L	96
55) Styrene	10.115	104	288238	53.569	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	156498	48.160	ug/L	100
59) Bromoform	10.291	173	84463	54.061	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	131959	45.200	ug/L	99
61) Isopropylbenzene	10.488	105	430154	49.641	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	361737	50.084	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	364510	50.443	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	204257	49.624	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	205950	48.413	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	201422	48.593	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	39694	51.038	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	144938	48.326	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	137540	51.679	ug/L	98
71) Naphthalene	14.085	128	529707	57.196	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	139294	51.325	ug/L	99

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

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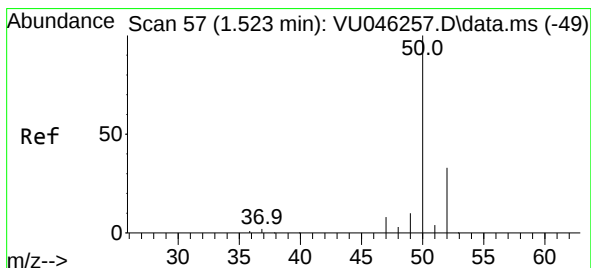
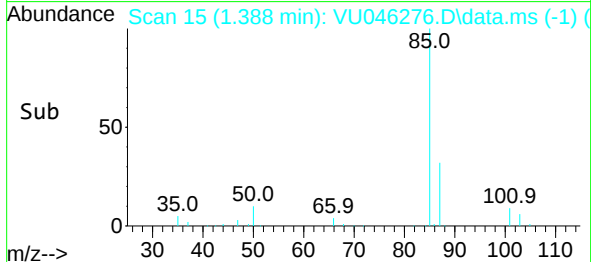
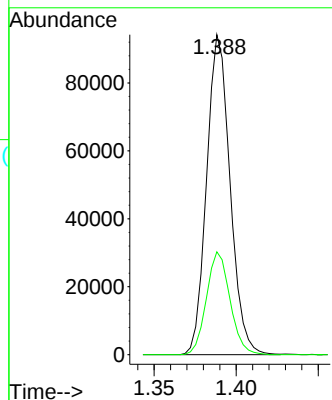
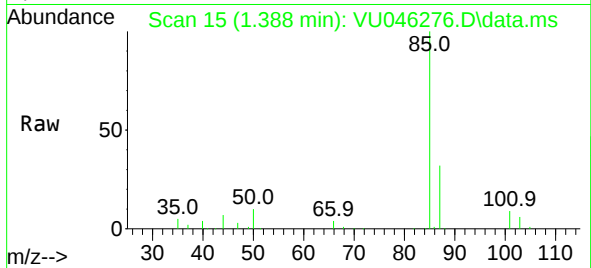




#2
 Dichlorodifluoromethane
 Concen: 36.846 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

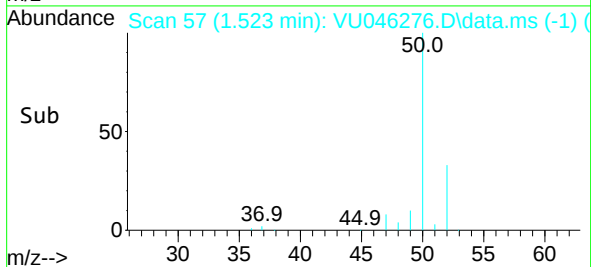
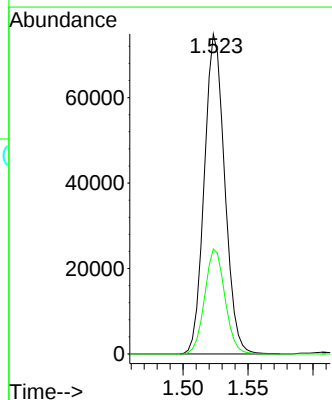
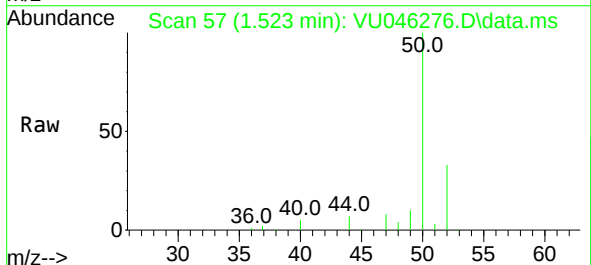
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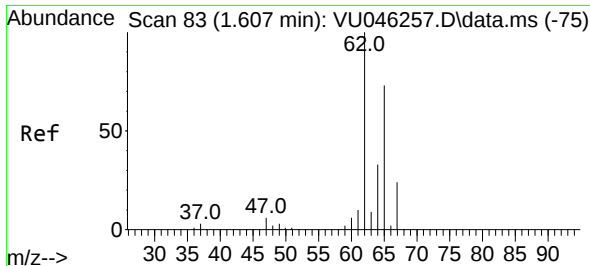
Tgt Ion: 85 Resp: 93518
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.7 38.5



#3
 Chloromethane
 Concen: 36.078 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.003 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

Tgt Ion: 50 Resp: 81903
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2

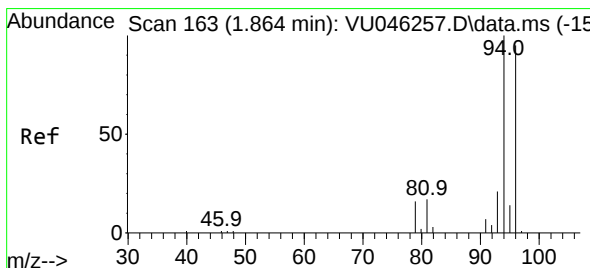
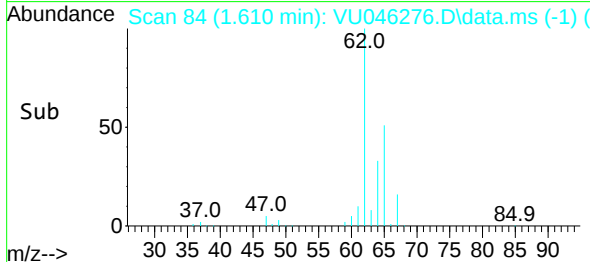
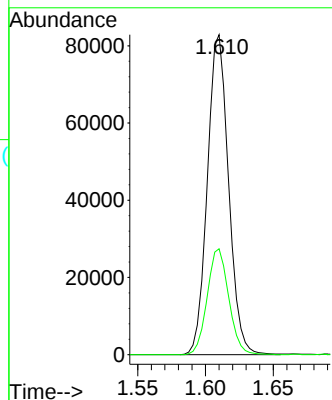
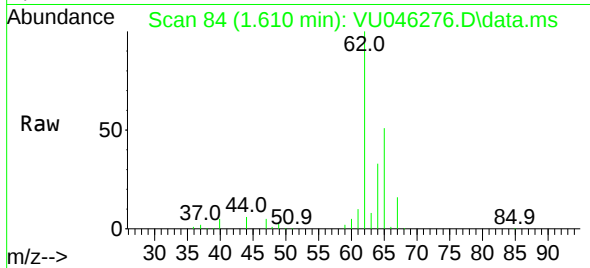




#5
 Vinyl chloride
 Concen: 39.484 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

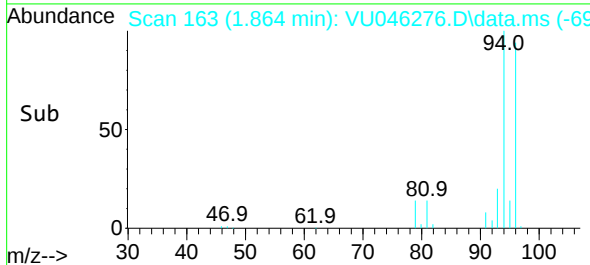
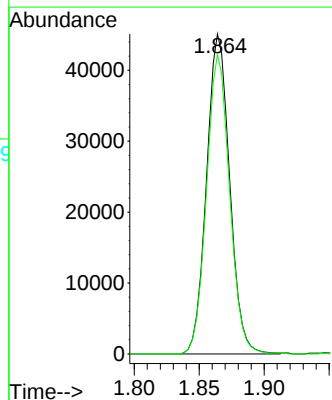
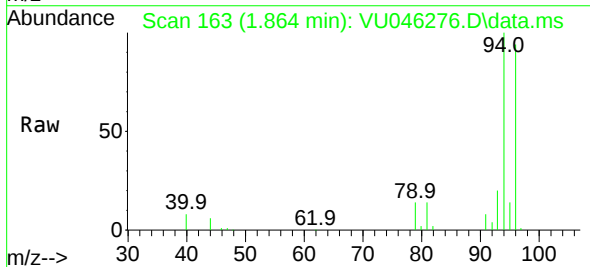
Instrument :
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 ClientSampleId :

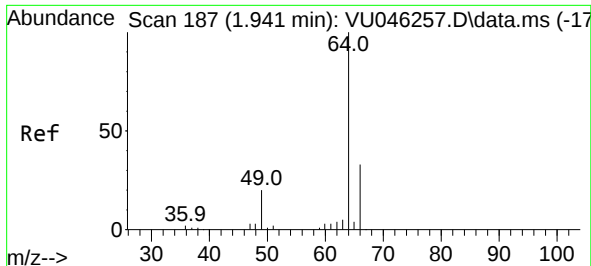
Tgt Ion: 62 Resp: 90380
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 43.022 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

Tgt Ion: 94 Resp: 55816
 Ion Ratio Lower Upper
 94 100
 96 93.5 67.4 125.2

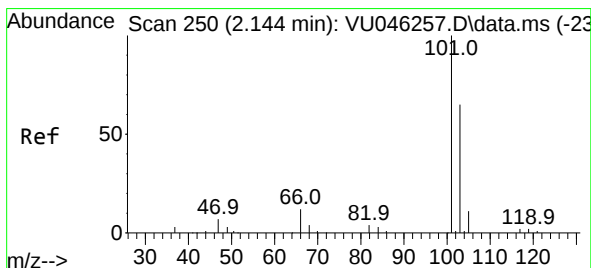
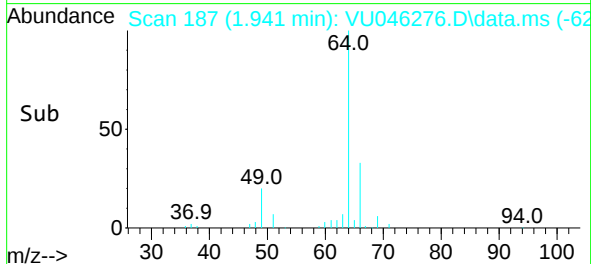
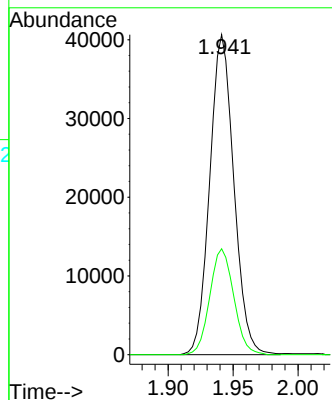
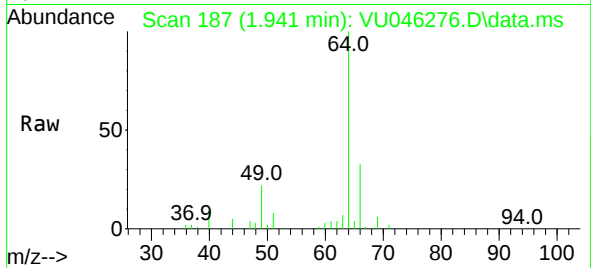




#8
Chloroethane
Concen: 39.563 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

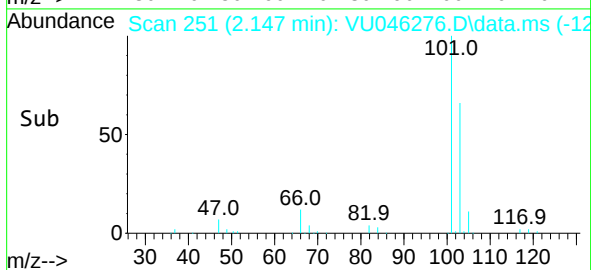
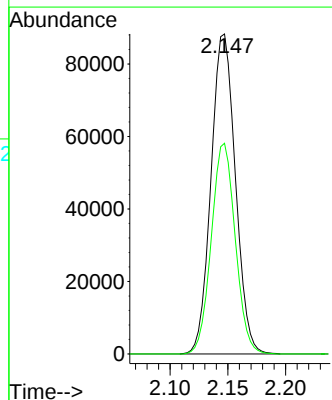
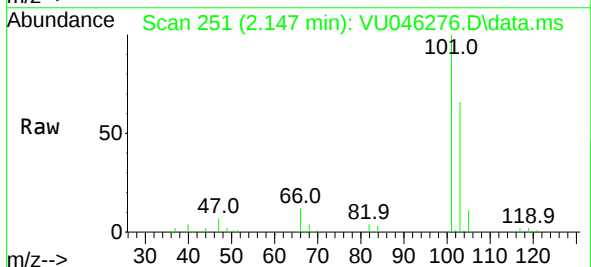
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MSVOA_U
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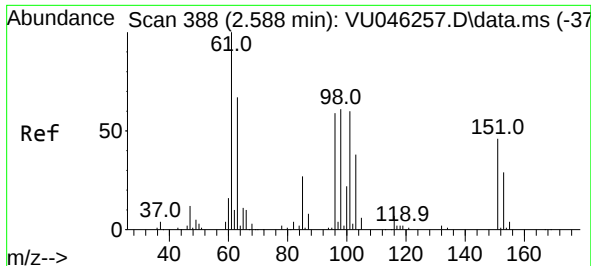
Tgt Ion: 64 Resp: 52435
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.372 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:101 Resp: 129616
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

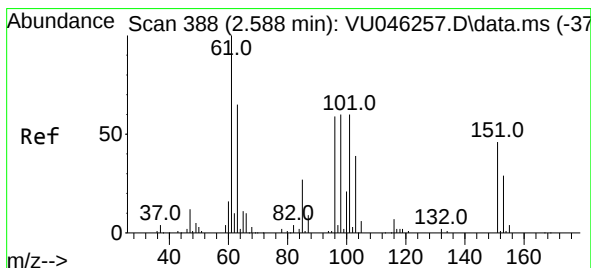
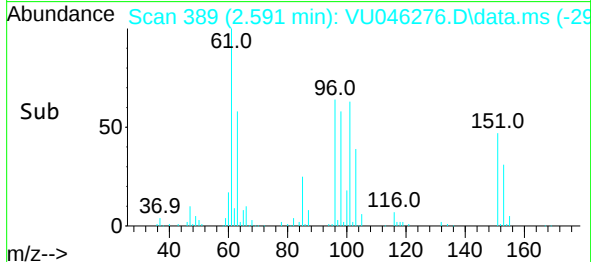
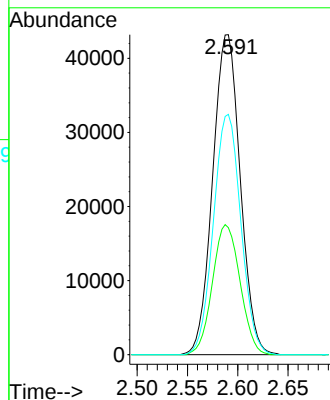
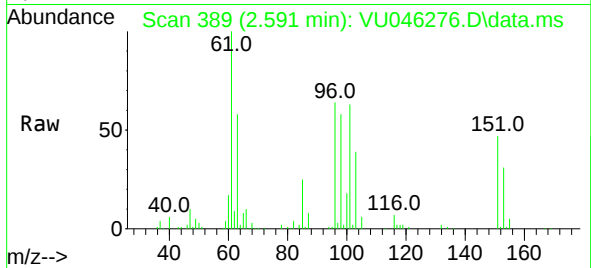




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.590 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

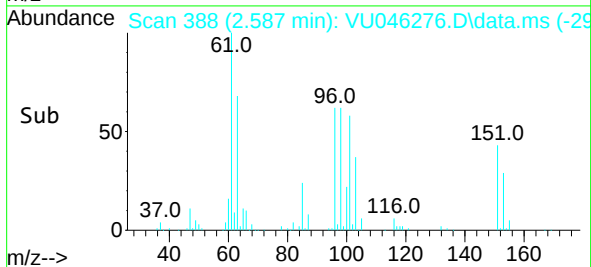
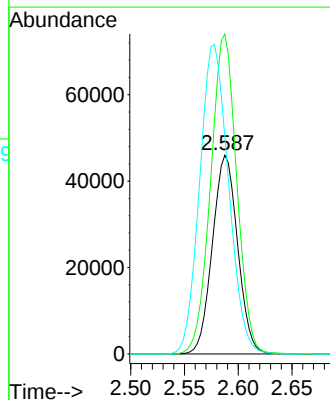
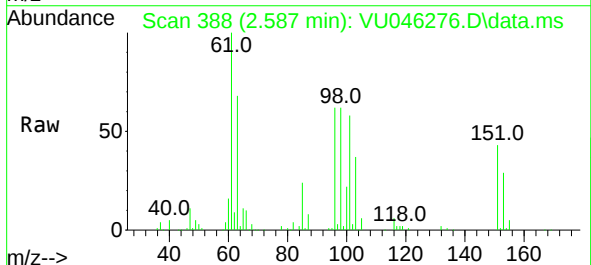
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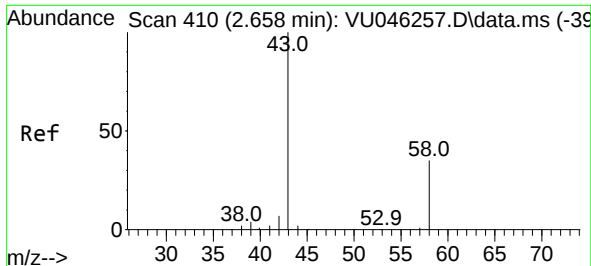
Tgt Ion:101 Resp: 82481
Ion Ratio Lower Upper
101 100
85 40.6 35.1 52.7
151 74.9 56.7 85.1



#12
1,1-Dichloroethene
Concen: 46.515 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 96 Resp: 75030
Ion Ratio Lower Upper
96 100
61 161.0 118.6 220.2
63 109.3 93.0 172.8





#13

Acetone

Concen: 65.495 ug/L

RT: 2.661 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

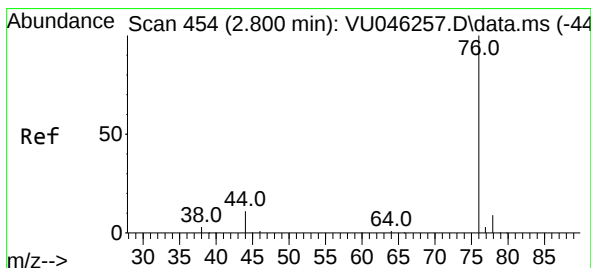
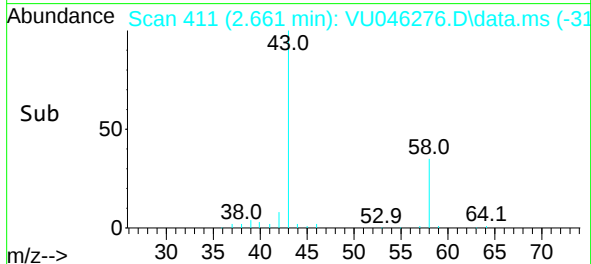
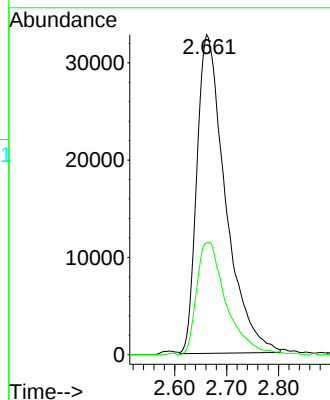
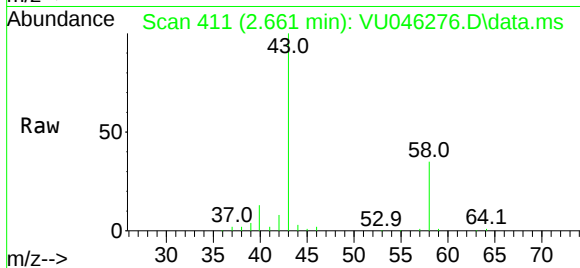
ClientSampleId :

Tgt Ion: 43 Resp: 125045

Ion Ratio Lower Upper

43 100

58 36.0 0.0 66.8



#14

Carbon disulfide

Concen: 36.878 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046276.D

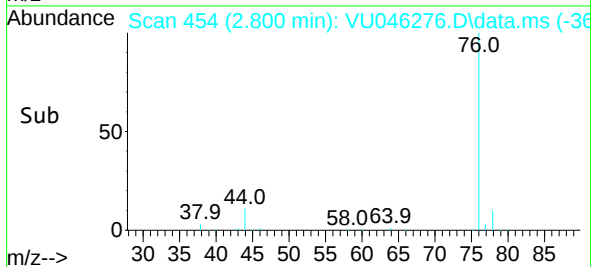
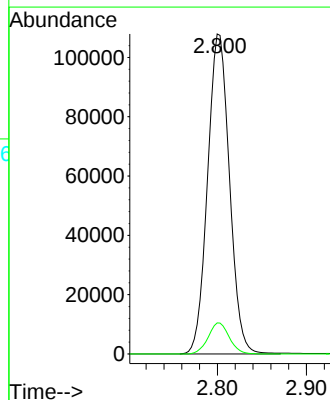
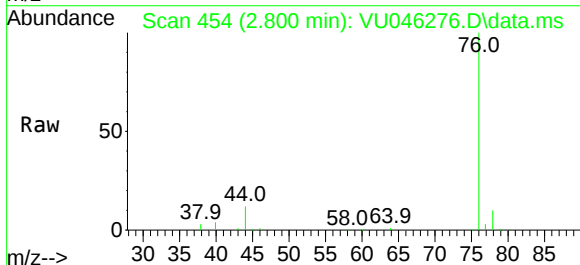
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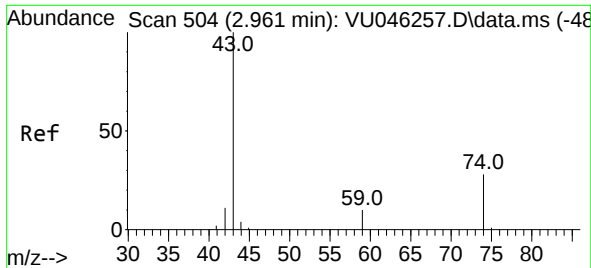
Tgt Ion: 76 Resp: 184558

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

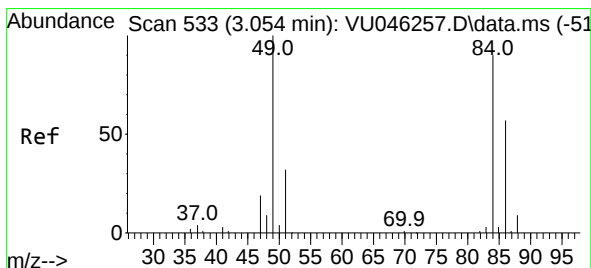
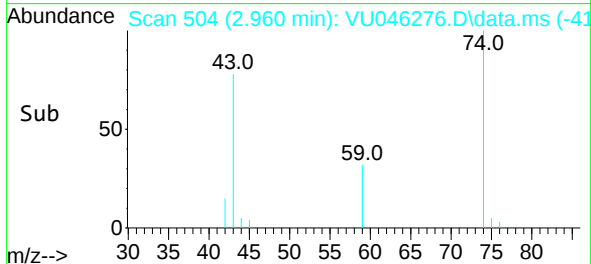
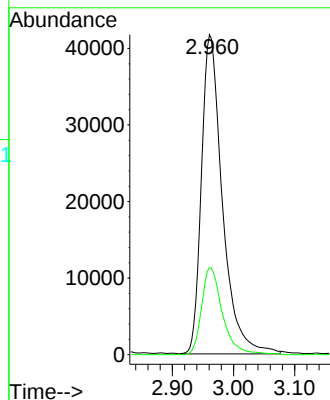
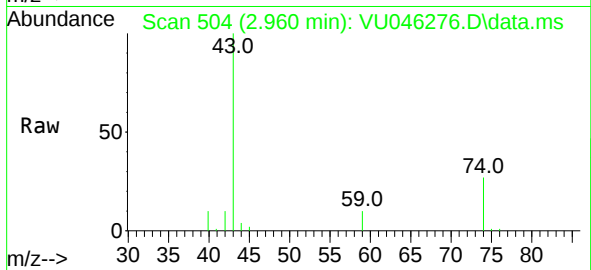




#15
Methyl Acetate
Concen: 44.582 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

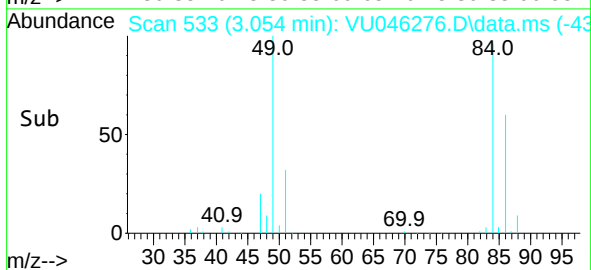
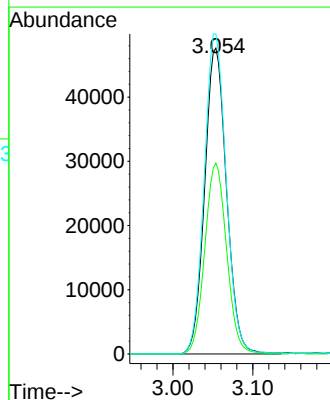
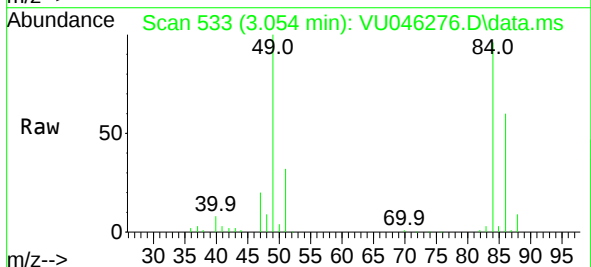
Instrument :
MSVOA_U
ClientSampleId :

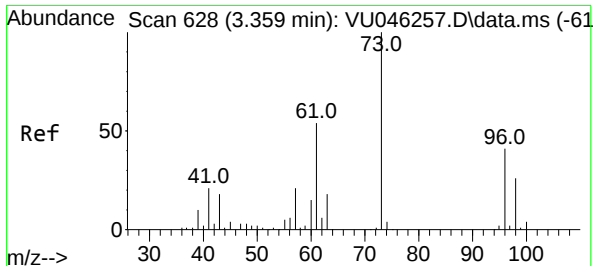
Tgt Ion: 43 Resp: 99224
Ion Ratio Lower Upper
43 100
74 27.1 20.8 31.2



#16
Methylene chloride
Concen: 47.374 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 84 Resp: 90917
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 104.6 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 47.284 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

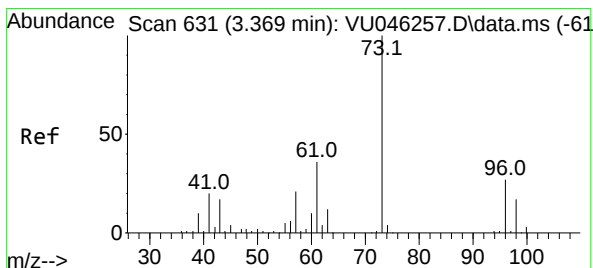
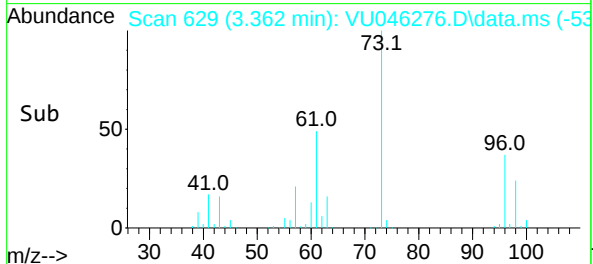
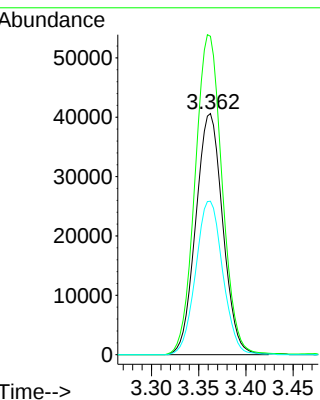
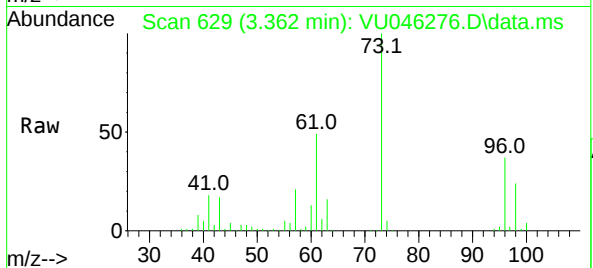
Tgt Ion: 96 Resp: 80716

Ion Ratio Lower Upper

96 100

61 132.1 94.6 175.6

98 63.7 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 53.033 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

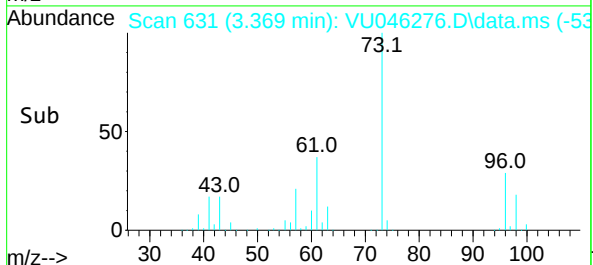
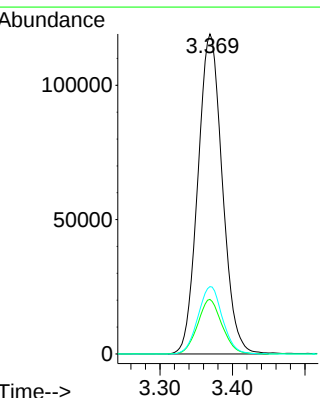
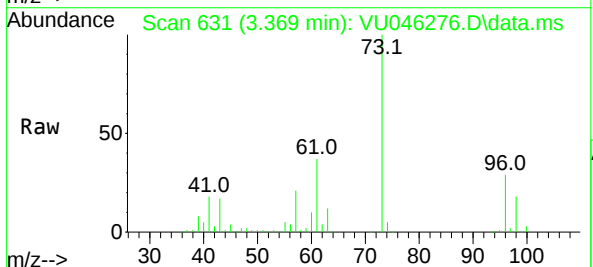
Tgt Ion: 73 Resp: 278994

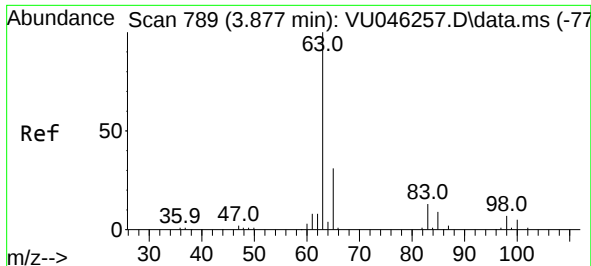
Ion Ratio Lower Upper

73 100

43 17.0 14.0 21.0

57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 49.127 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

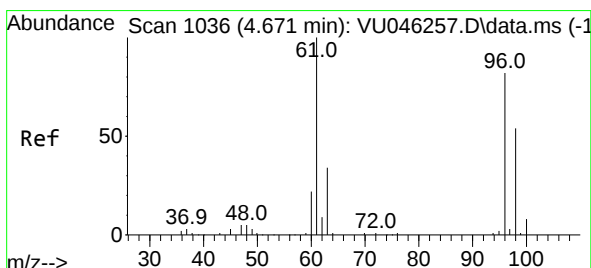
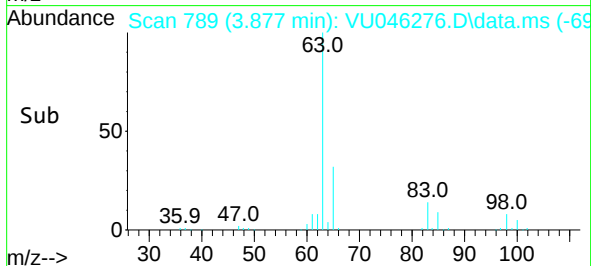
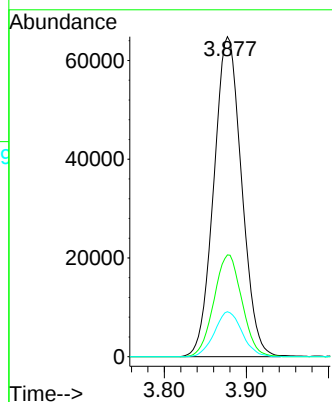
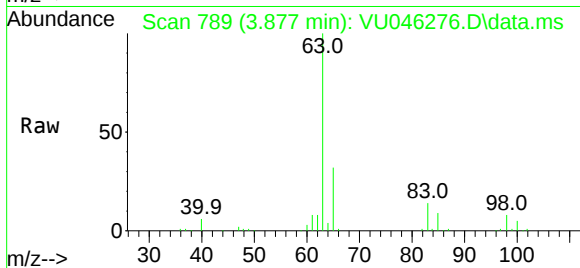
Tgt Ion: 63 Resp: 152478

Ion Ratio Lower Upper

63 100

65 31.8 22.8 42.4

83 14.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 51.001 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

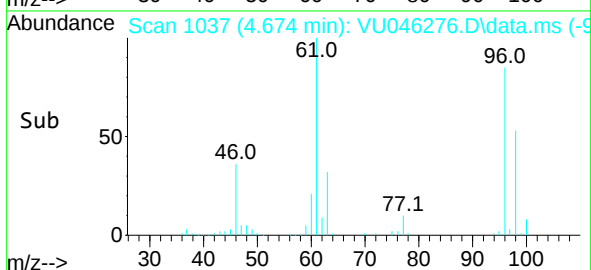
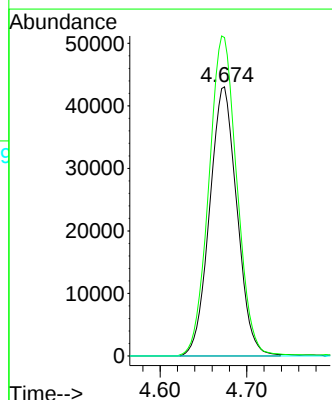
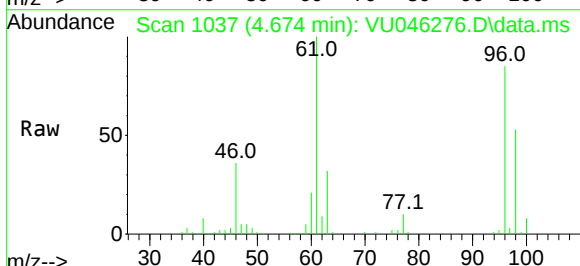
Tgt Ion: 96 Resp: 94466

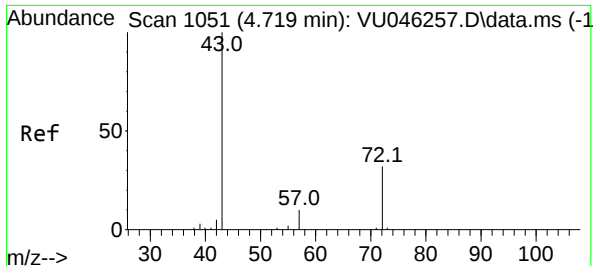
Ion Ratio Lower Upper

96 100

61 118.3 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 78.618 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

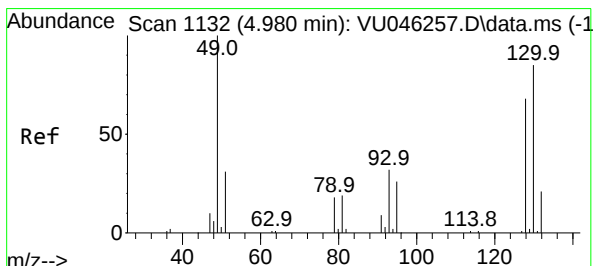
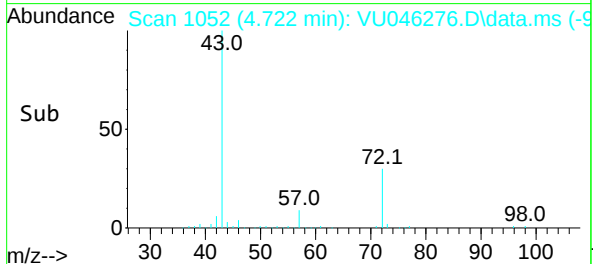
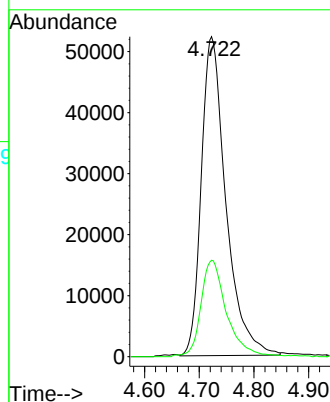
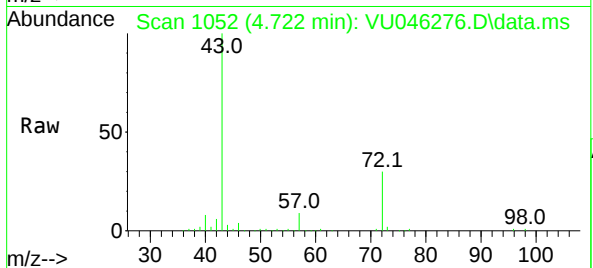
ClientSampleId :

Tgt Ion: 43 Resp: 163399

Ion Ratio Lower Upper

43 100

72 30.7 14.5 43.6



#23

Bromochloromethane

Concen: 53.042 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Tgt Ion:128 Resp: 49620

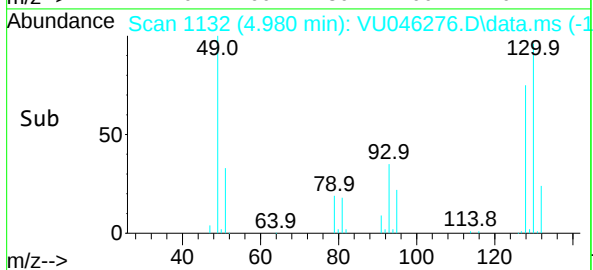
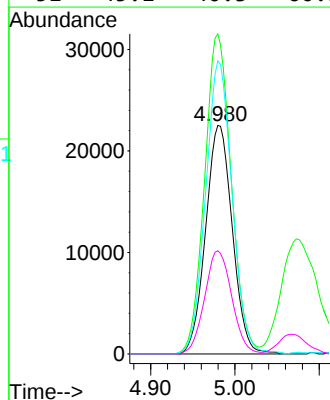
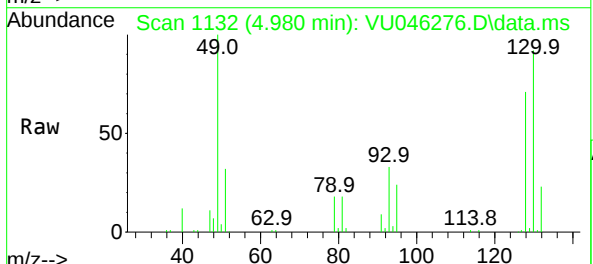
Ion Ratio Lower Upper

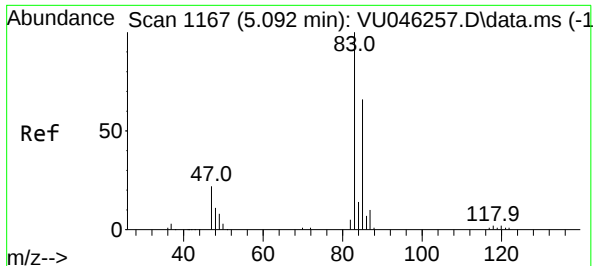
128 100

49 140.0 115.9 215.3

130 128.3 91.8 170.4

51 45.1 40.3 60.5





#25

Chloroform

Concen: 49.725 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

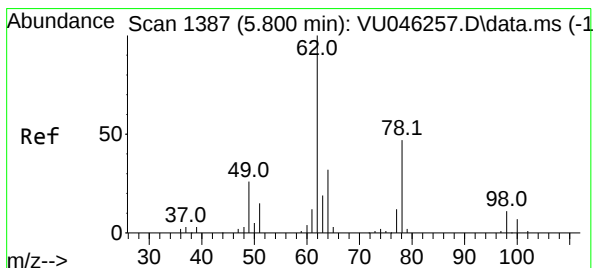
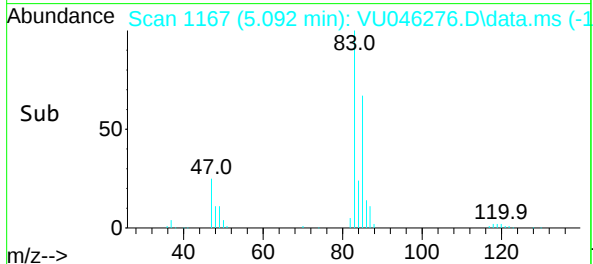
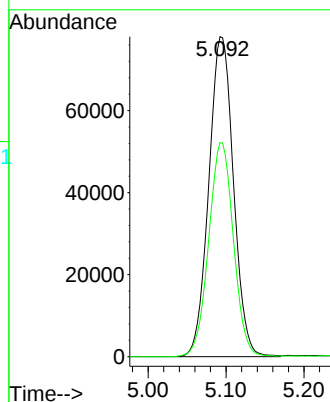
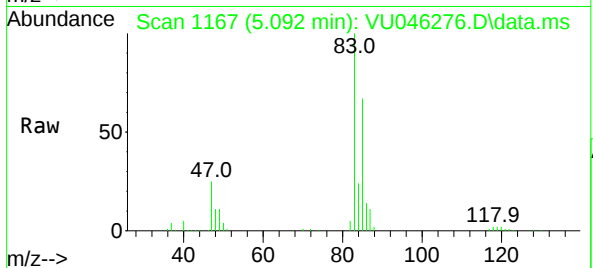
ClientSampleId :

Tgt Ion: 83 Resp: 171475

Ion Ratio Lower Upper

83 100

85 66.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.374 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046276.D

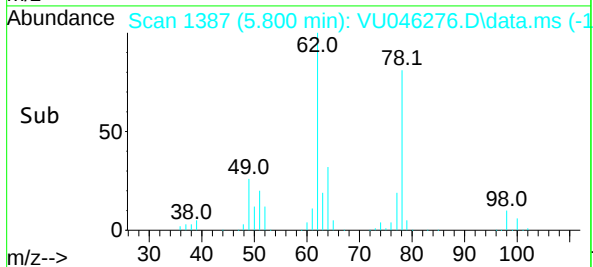
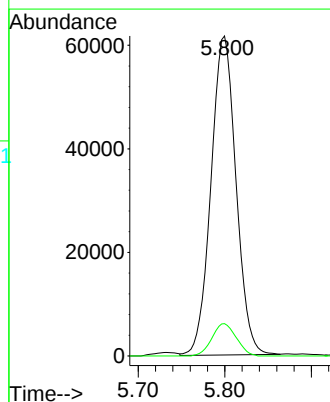
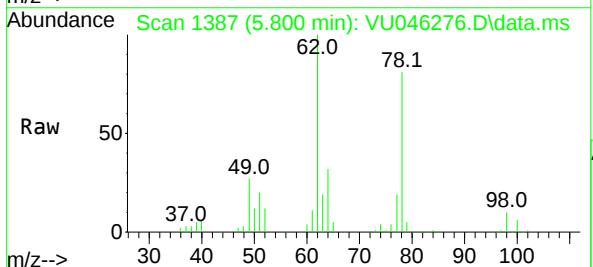
Acq: 10 Dec 2021 19:22

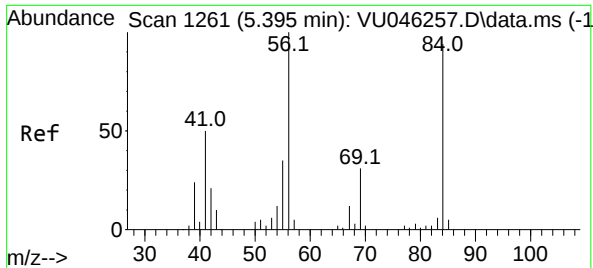
Tgt Ion: 62 Resp: 123789

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9





#29

Cyclohexane

Concen: 43.636 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

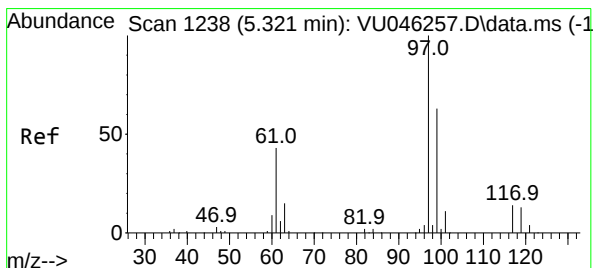
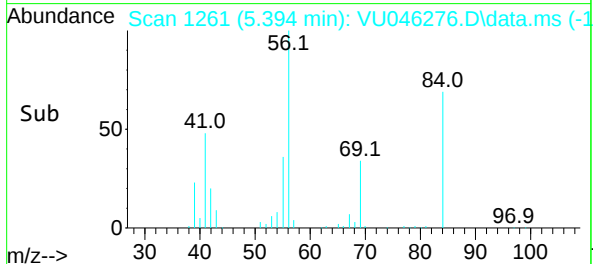
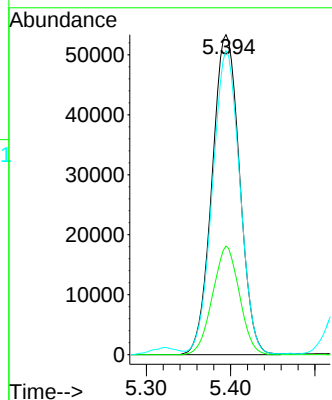
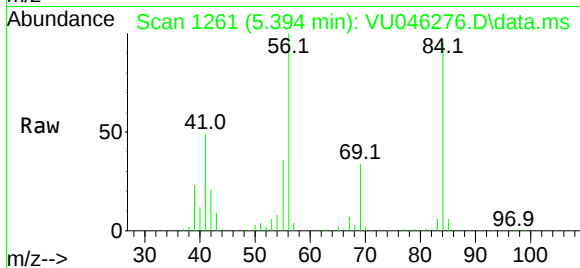
Tgt Ion: 56 Resp: 121074

Ion Ratio Lower Upper

56 100

69 32.9 25.2 37.8

84 94.4 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 49.861 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

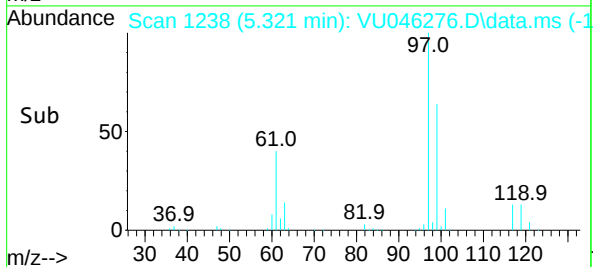
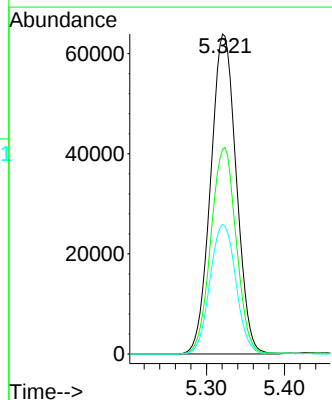
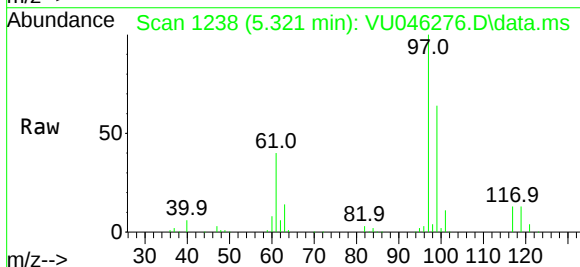
Tgt Ion: 97 Resp: 145841

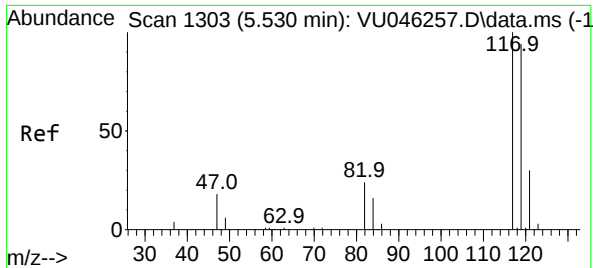
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.6

61 40.9 34.4 51.6

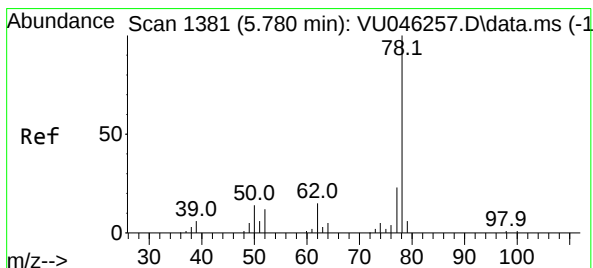
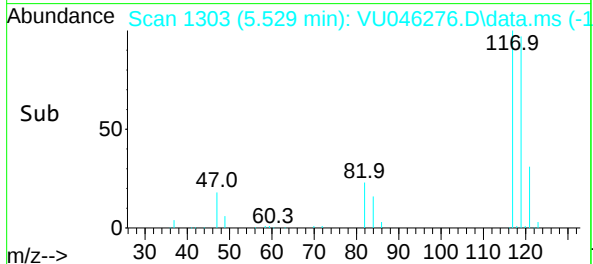
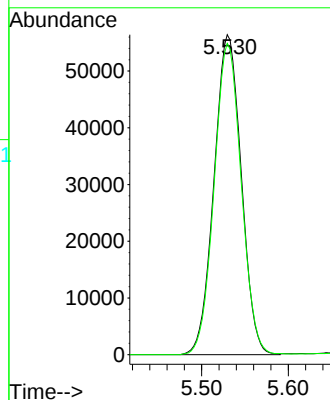
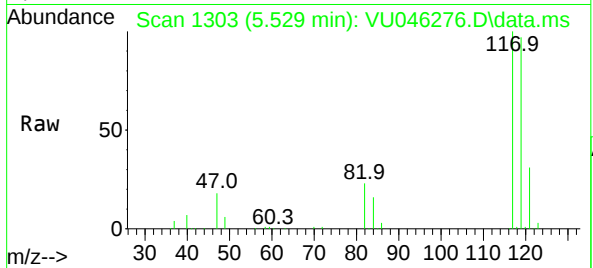




#31
Carbon tetrachloride
Concen: 49.647 ug/L
RT: 5.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

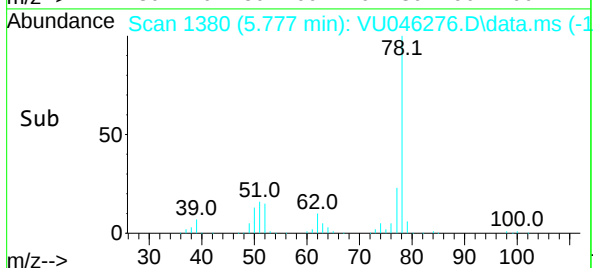
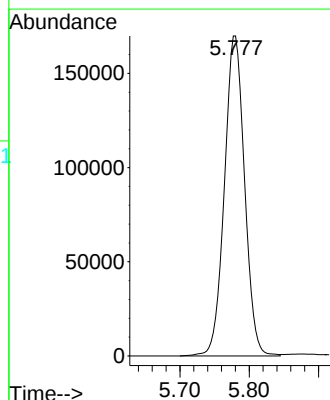
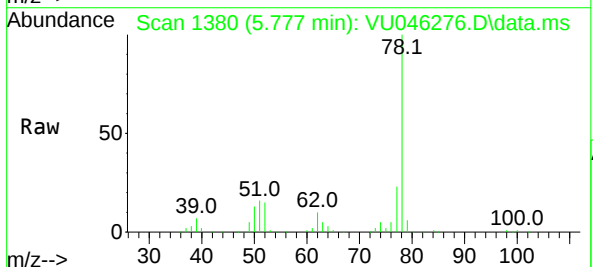
Instrument :
MSVOA_U
ClientSampleId :

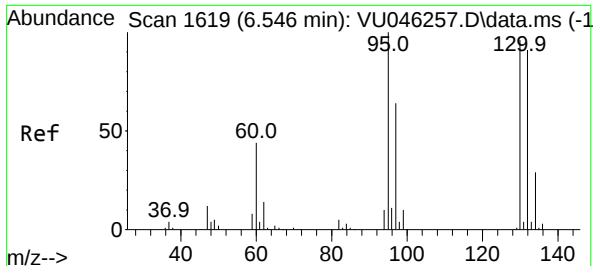
Tgt Ion:117 Resp: 123280
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5



#33
Benzene
Concen: 47.724 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 78 Resp: 344184

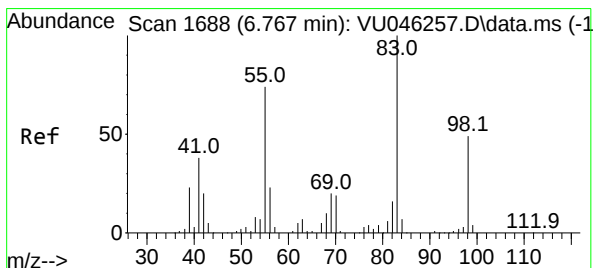
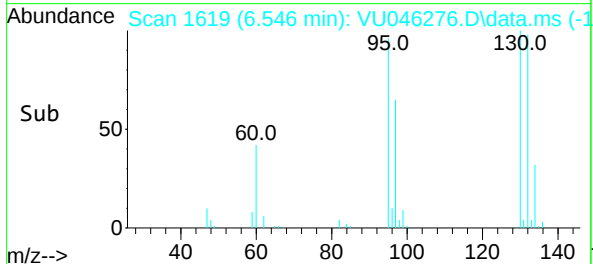
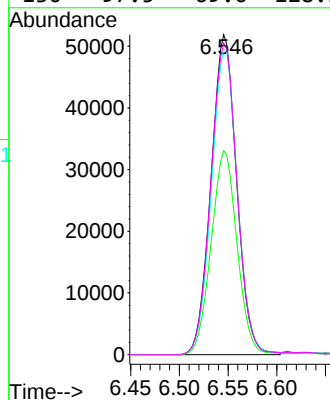
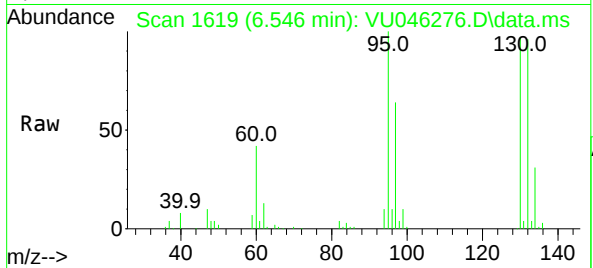




#34
Trichloroethene
Concen: 49.919 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

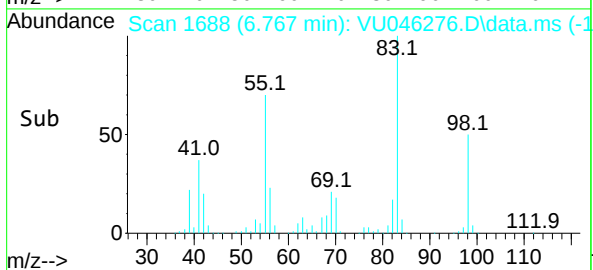
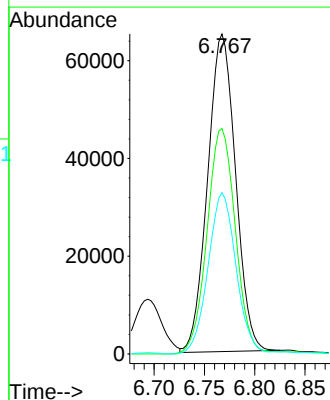
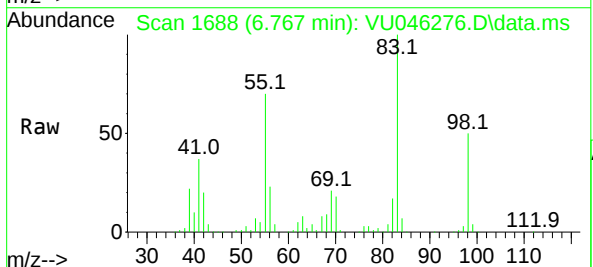
Instrument :
MSVOA_U
ClientSampleId :

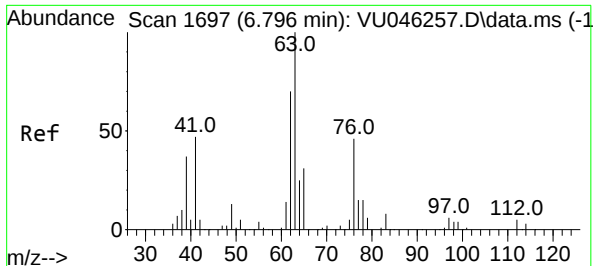
Tgt Ion: 95 Resp: 94842
Ion Ratio Lower Upper
95 100
97 63.8 44.1 81.9
132 95.5 66.8 124.0
130 97.5 69.0 128.1



#35
Methylcyclohexane
Concen: 42.593 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 83 Resp: 125476
Ion Ratio Lower Upper
83 100
55 72.2 57.8 86.6
98 50.9 38.4 57.6

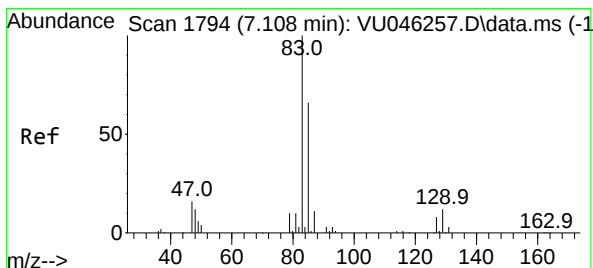
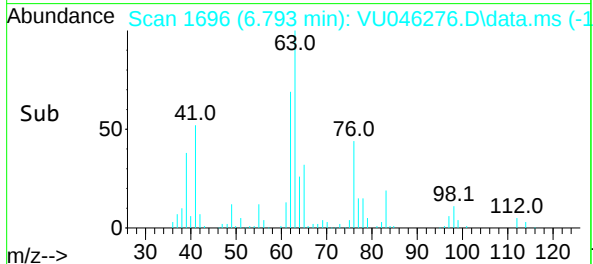
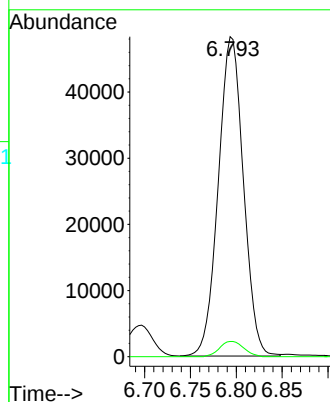
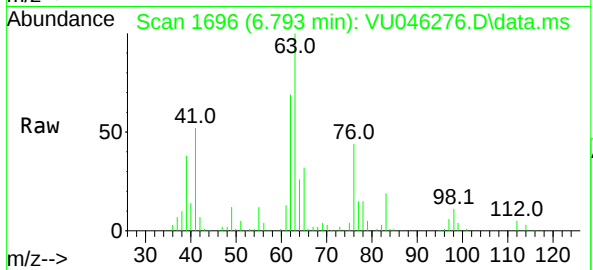




#37
1,2-Dichloropropane
Concen: 48.617 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

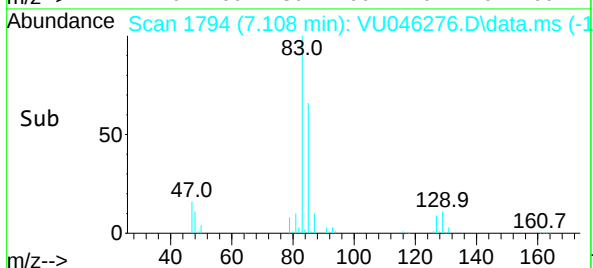
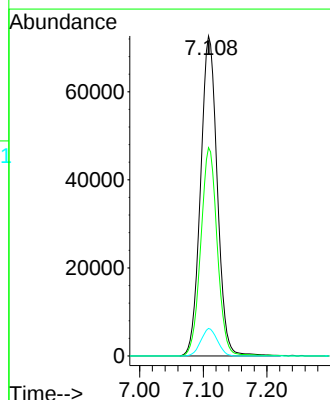
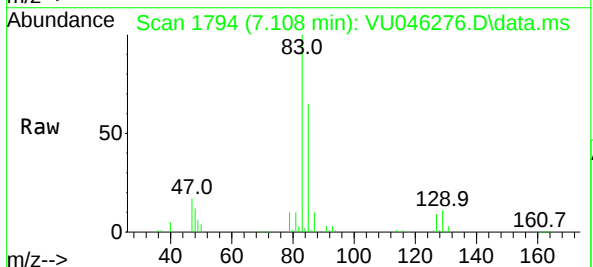
Instrument :
MSVOA_U
ClientSampleId :

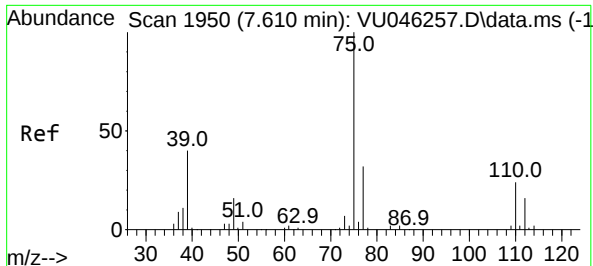
Tgt Ion: 63 Resp: 91848
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 52.843 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 83 Resp: 132693
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.618 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

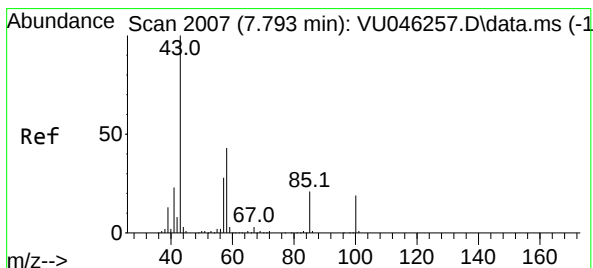
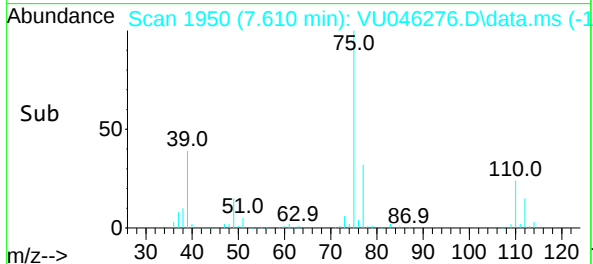
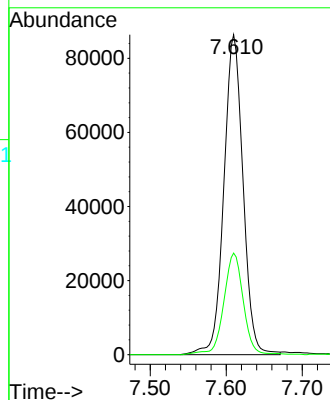
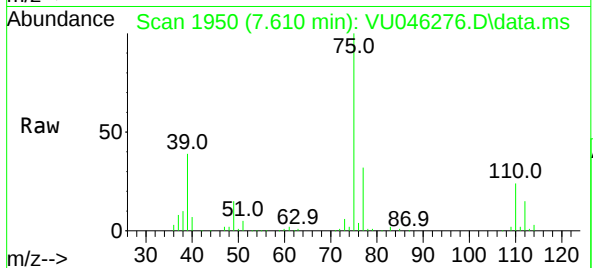
ClientSampleId :

Tgt Ion: 75 Resp: 151226

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 97.894 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

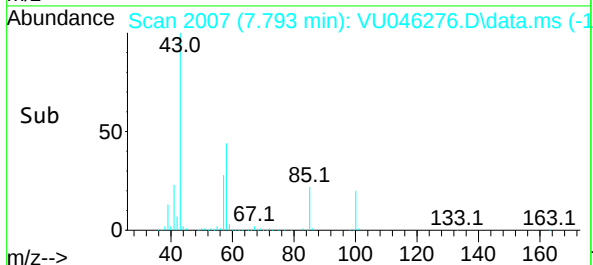
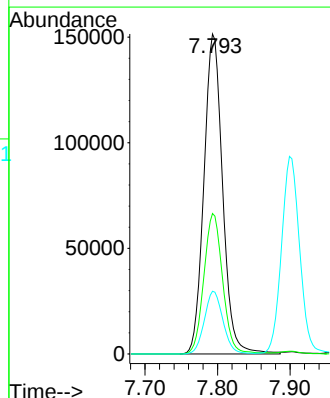
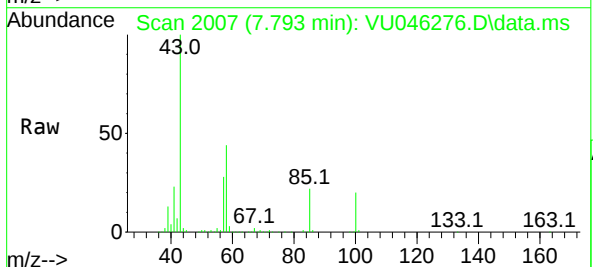
Tgt Ion: 43 Resp: 271727

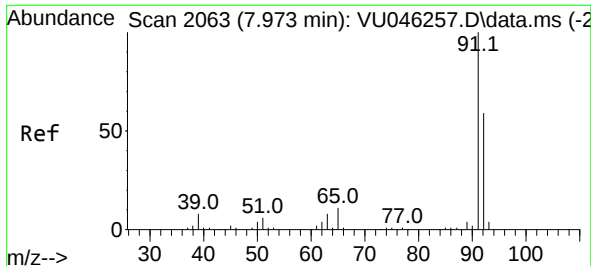
Ion Ratio Lower Upper

43 100

58 43.9 34.2 51.4

100 19.4 14.5 21.7





#42

Toluene

Concen: 49.194 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

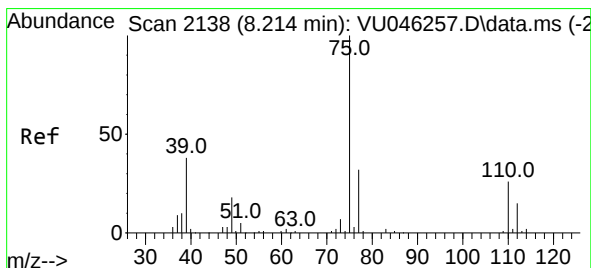
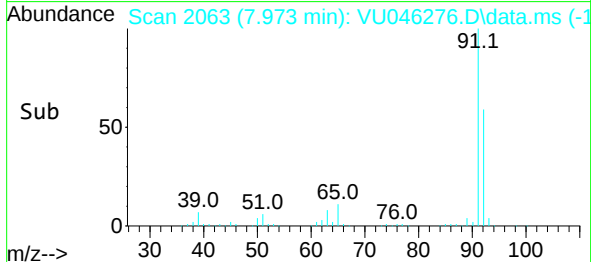
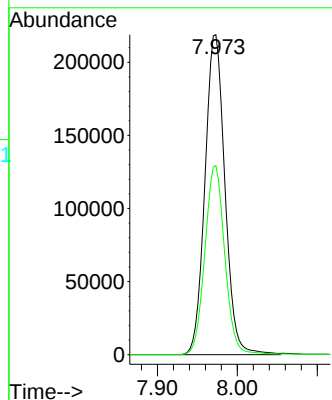
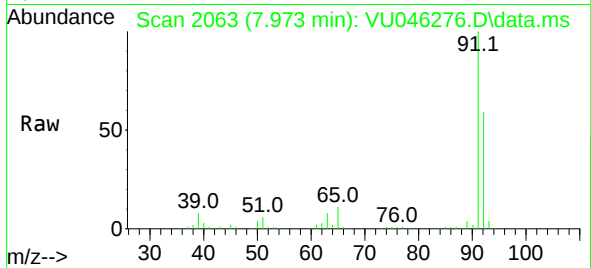
ClientSampleId :

Tgt Ion: 91 Resp: 380696

Ion Ratio Lower Upper

91 100

92 59.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 51.204 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046276.D

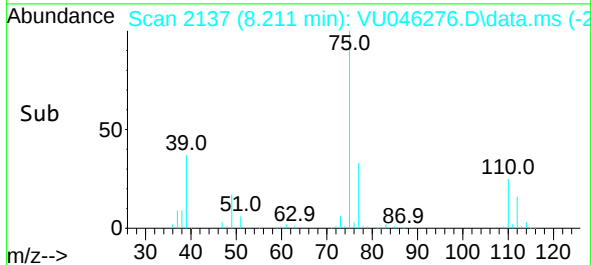
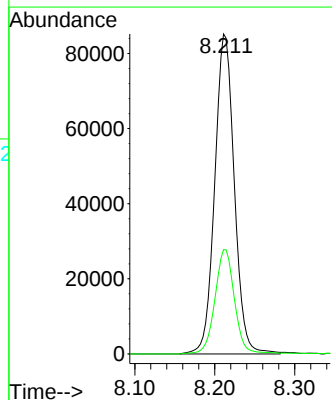
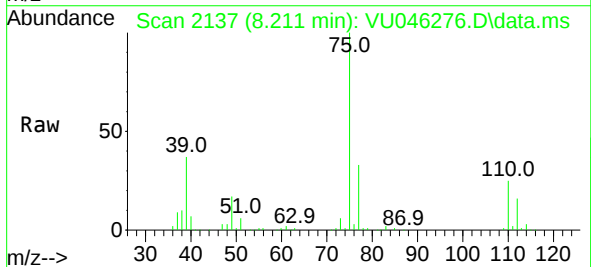
Acq: 10 Dec 2021 19:22

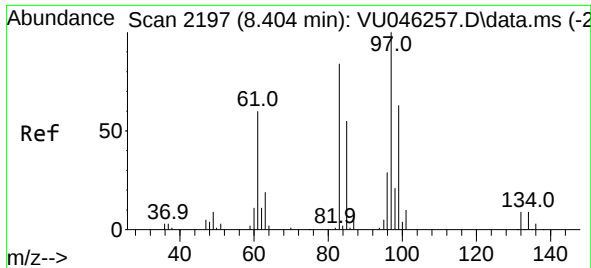
Tgt Ion: 75 Resp: 144539

Ion Ratio Lower Upper

75 100

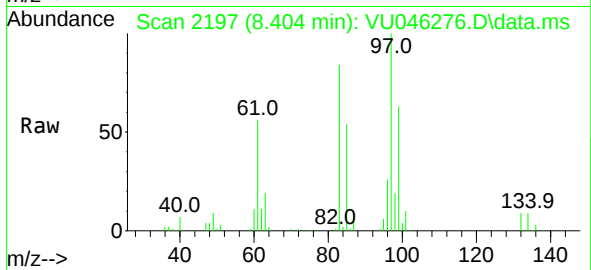
77 32.6 21.7 40.3



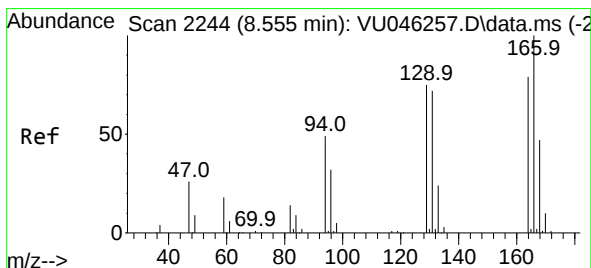
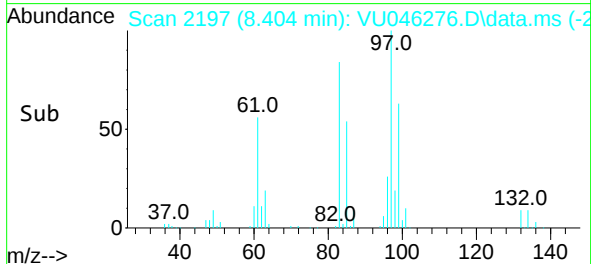
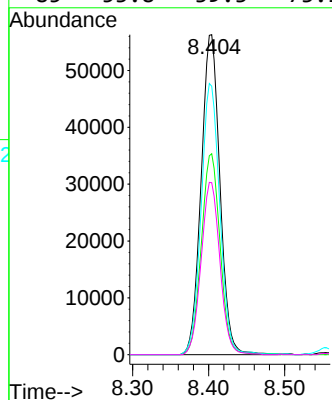


#45
1,1,2-Trichloroethane
Concen: 51.066 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :

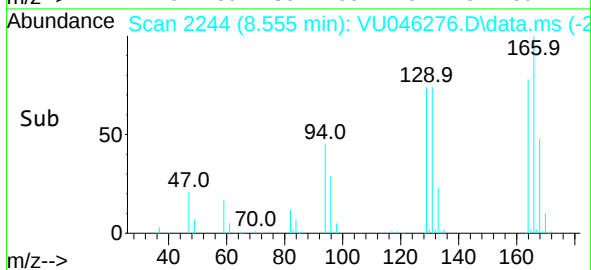
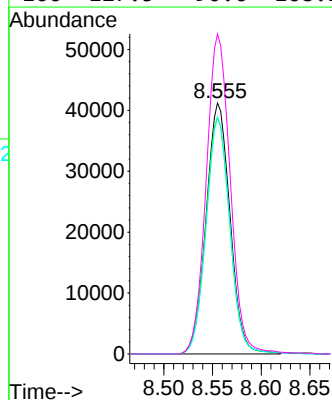
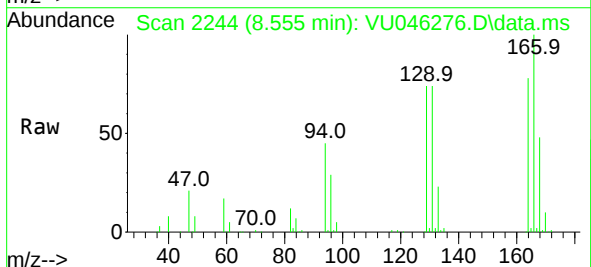


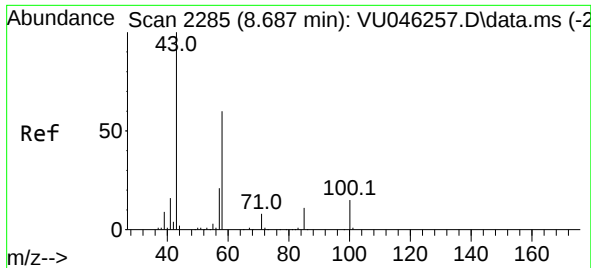
Tgt Ion:	97	Resp:	96789
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.7	82.9
83	83.9	60.2	111.8
85	53.8	39.3	73.1



#46
Tetrachloroethene
Concen: 50.356 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

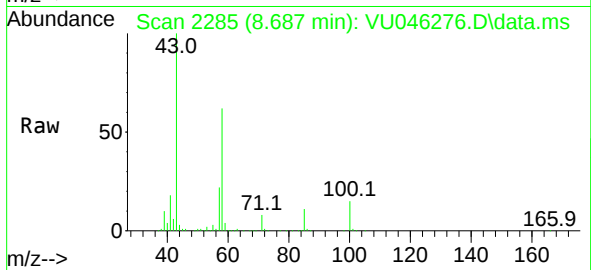
Tgt Ion:	164	Resp:	70308
Ion	Ratio	Lower	Upper
164	100		
129	94.3	71.1	132.1
131	94.4	67.8	126.0
166	127.5	90.6	168.2



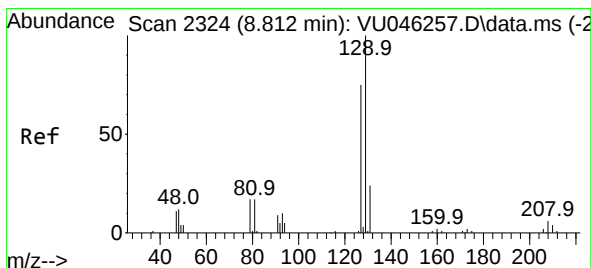
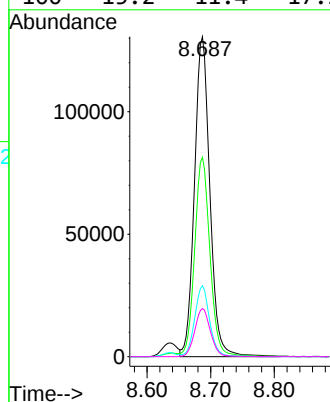
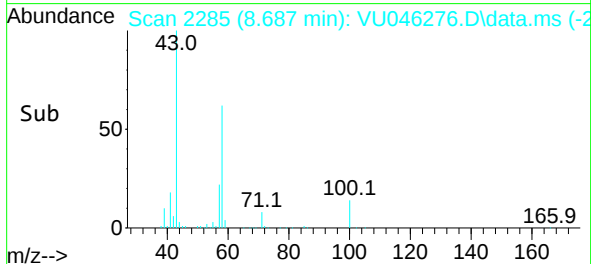


#48
2-Hexanone
Concen: 88.780 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :

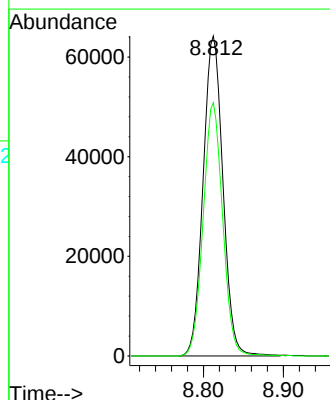
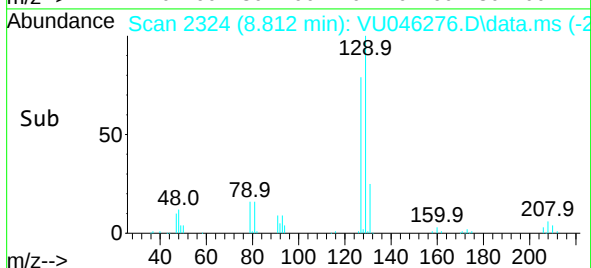
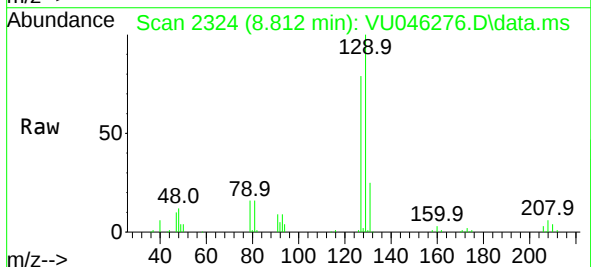


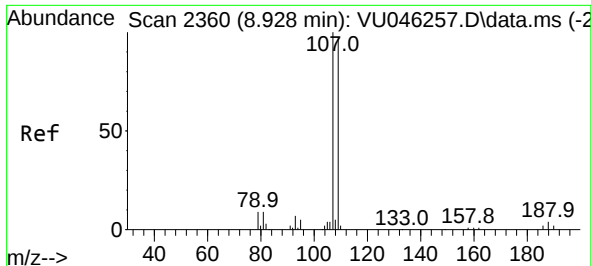
Tgt Ion: 43 Resp: 220386
Ion Ratio Lower Upper
43 100
58 61.3 47.4 71.2
57 21.2 16.6 25.0
100 15.2 11.4 17.2



#49
Dibromochloromethane
Concen: 55.685 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

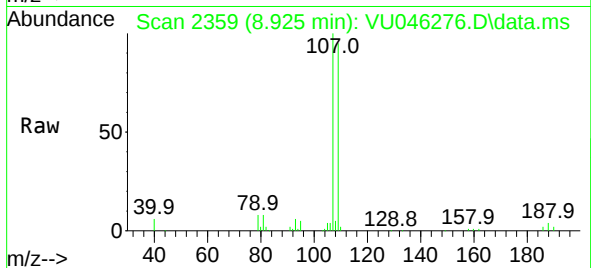
Tgt Ion: 129 Resp: 110833
Ion Ratio Lower Upper
129 100
127 79.1 55.6 103.4



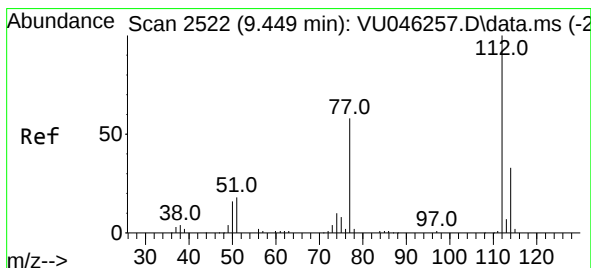
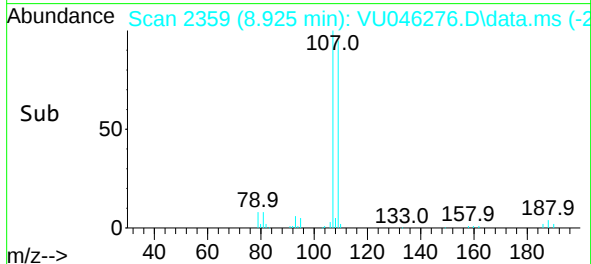
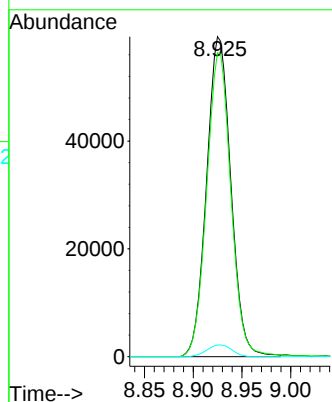


#50
1,2-Dibromoethane
Concen: 50.088 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :

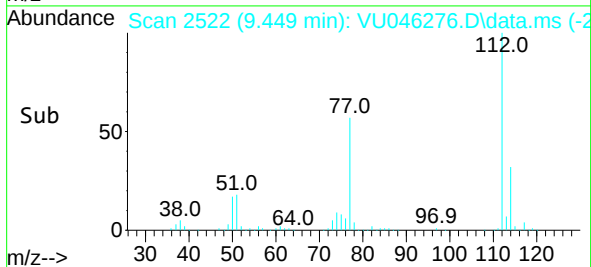
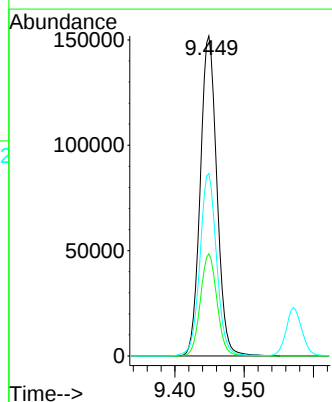
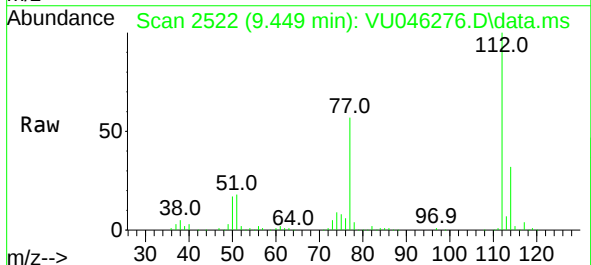


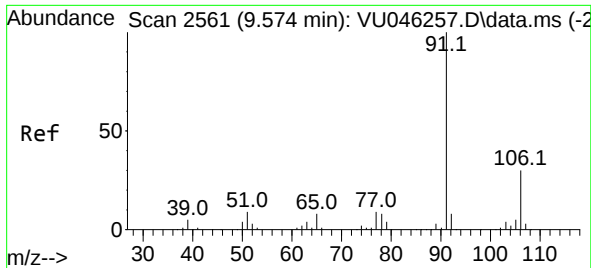
Tgt Ion:107 Resp: 102927
Ion Ratio Lower Upper
107 100
109 95.0 64.9 120.5
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 50.481 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:112 Resp: 252735
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 57.0 47.4 71.0

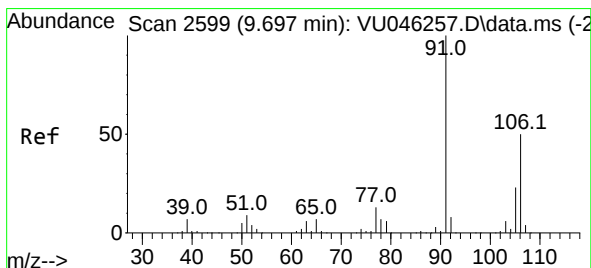
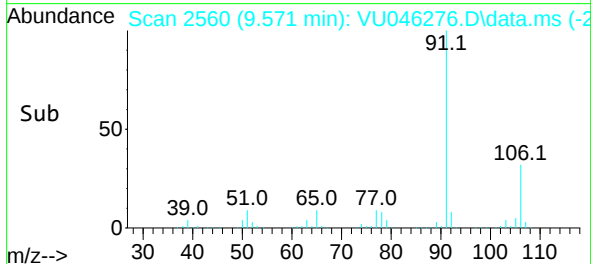
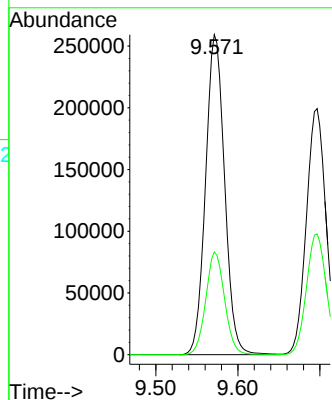
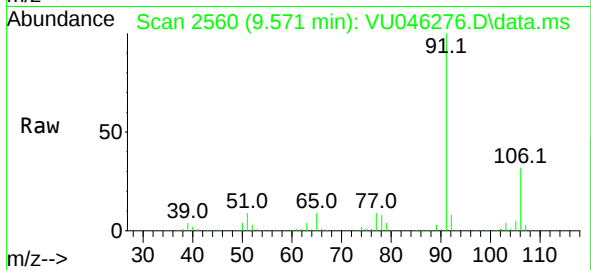




#52
Ethylbenzene
Concen: 50.114 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

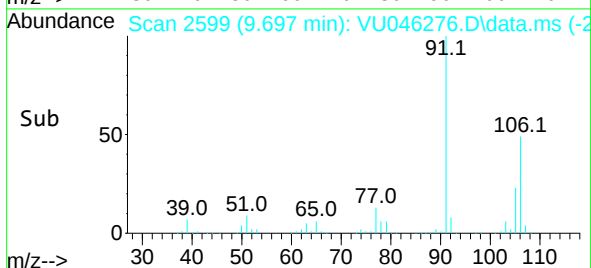
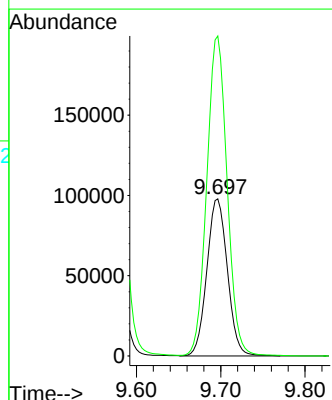
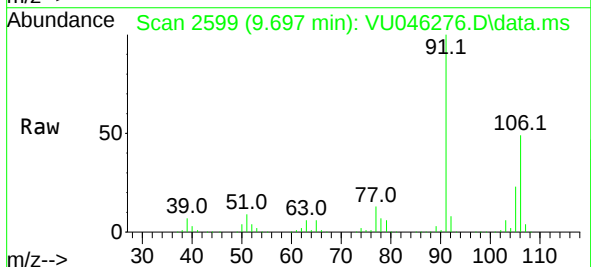
Instrument :
MSVOA_U
ClientSampleId :

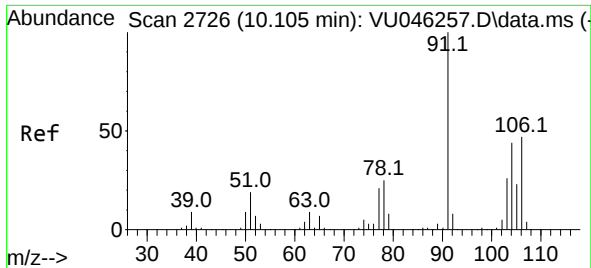
Tgt Ion: 91 Resp: 417366
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.3



#53
m,p-Xylene
Concen: 51.144 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:106 Resp: 166113
Ion Ratio Lower Upper
106 100
91 203.6 144.3 268.1

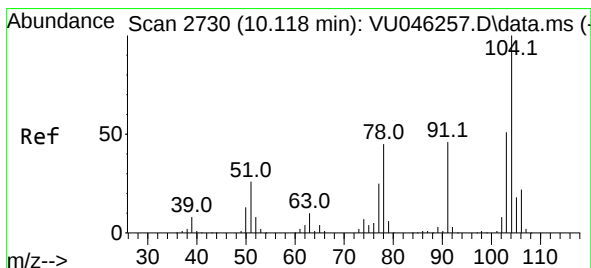
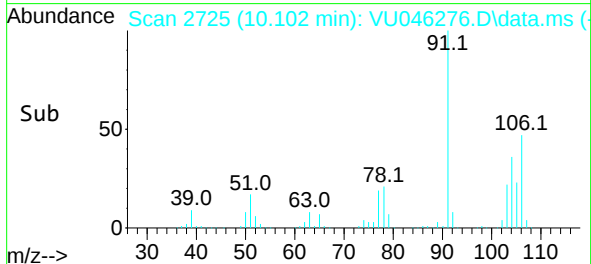
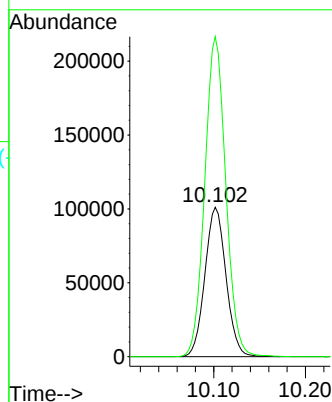
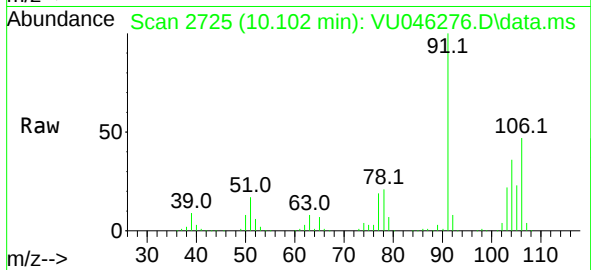




#54
o-xylene
Concen: 51.408 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

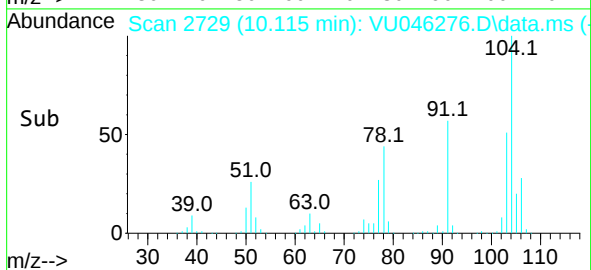
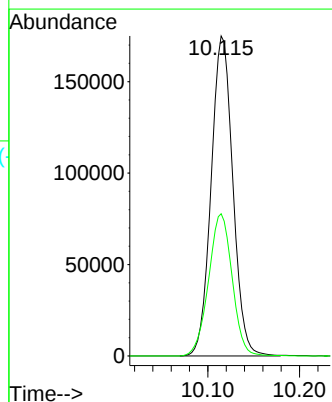
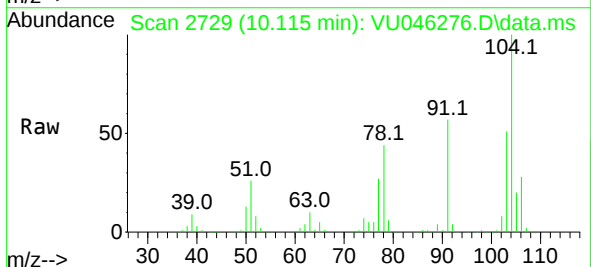
Instrument :
MSVOA_U
ClientSampleId :

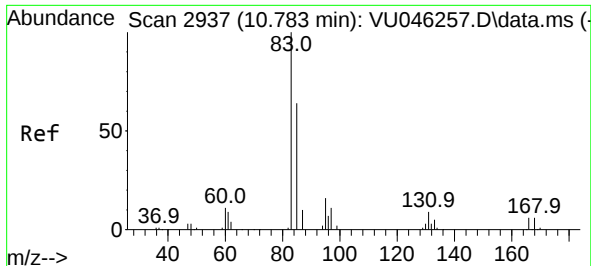
Tgt Ion:106 Resp: 162017
Ion Ratio Lower Upper
106 100
91 214.1 154.2 286.4



#55
Styrene
Concen: 53.569 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:104 Resp: 288238
Ion Ratio Lower Upper
104 100
78 44.5 32.6 60.5

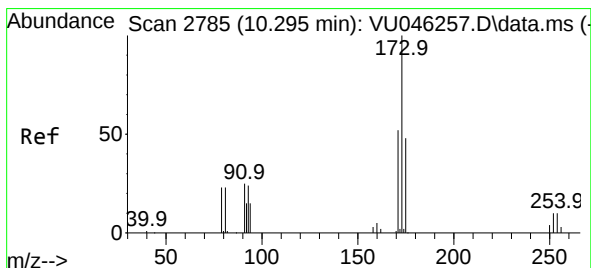
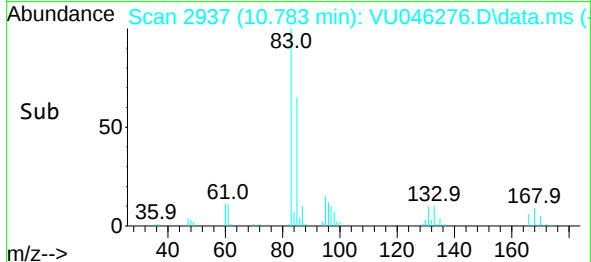
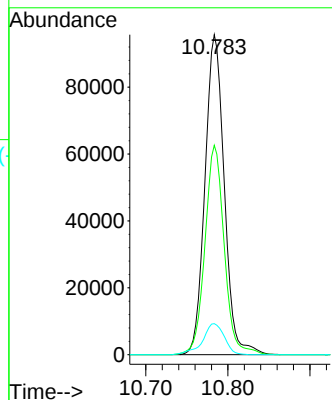
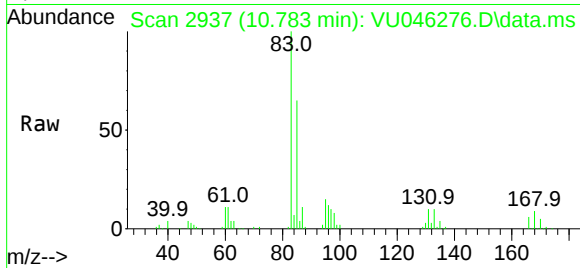




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.160 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

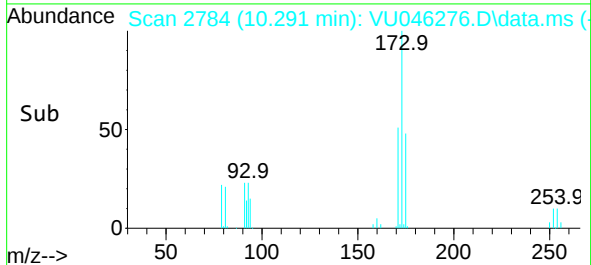
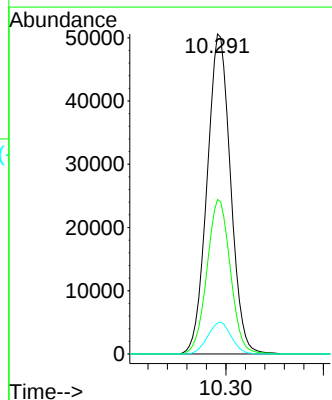
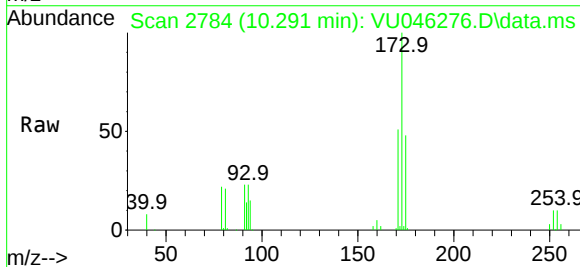
Instrument :
 MSVOA_U
 ClientSampleId :

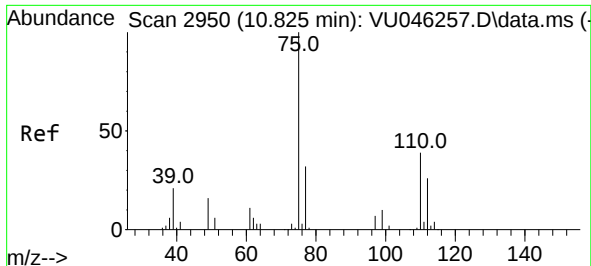
Tgt Ion: 83 Resp: 156498
 Ion Ratio Lower Upper
 83 100
 85 65.5 45.6 84.6
 131 9.7 7.8 11.6



#59
 Bromoform
 Concen: 54.061 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

Tgt Ion: 173 Resp: 84463
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.2 58.8
 254 9.9 7.4 11.2

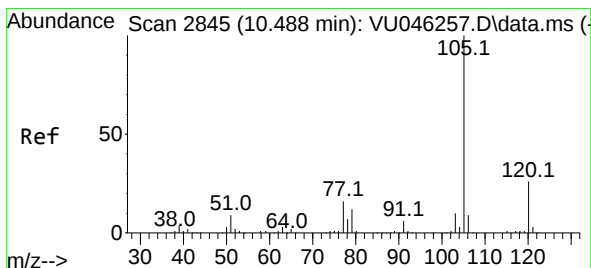
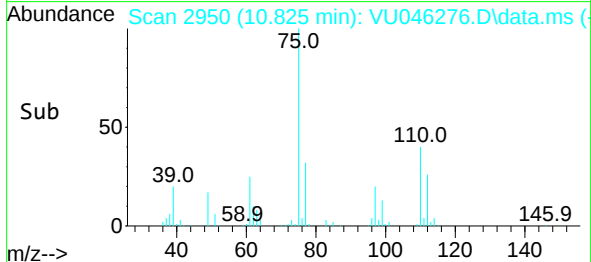
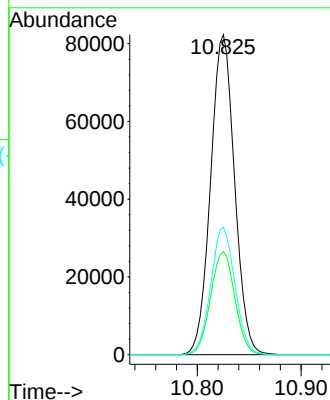
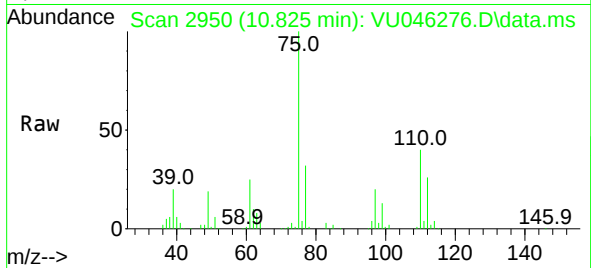




#60
1,2,3-Trichloropropane
Concen: 45.200 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

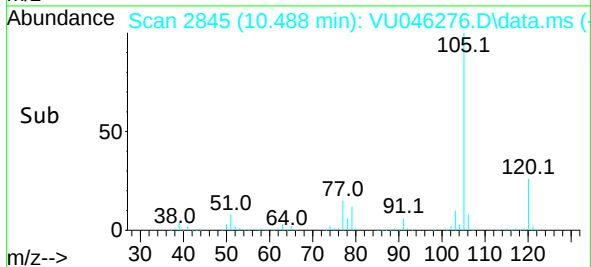
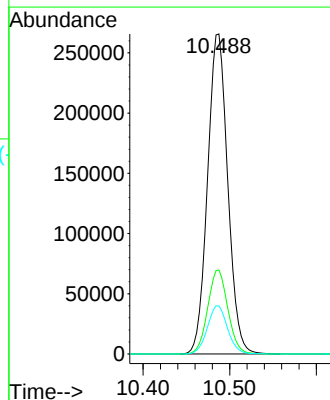
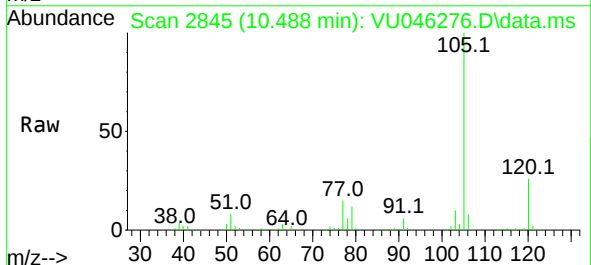
Instrument :
MSVOA_U
ClientSampleId :

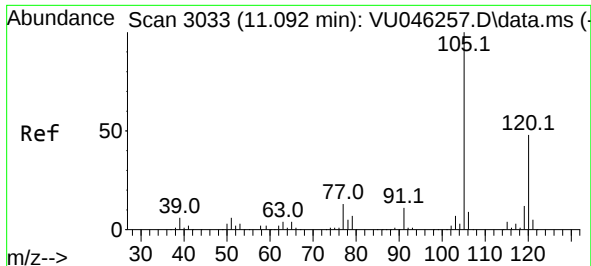
Tgt Ion: 75 Resp: 131959
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 40.2 32.4 48.6



#61
Isopropylbenzene
Concen: 49.641 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion: 105 Resp: 430154
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.1 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 50.084 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

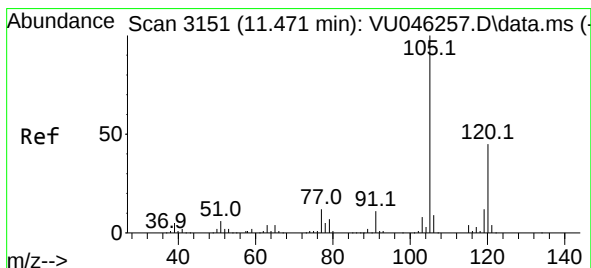
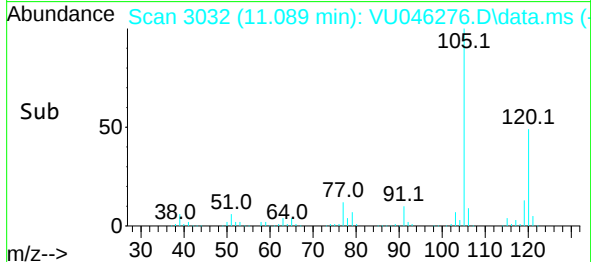
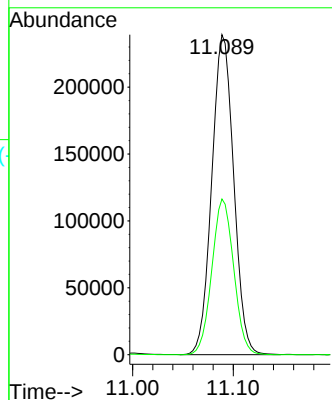
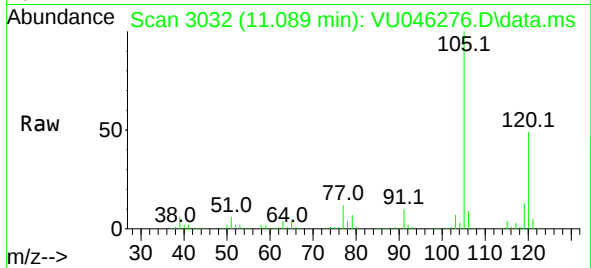
ClientSampleId :

Tgt Ion:105 Resp: 361737

Ion Ratio Lower Upper

105 100

120 48.6 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 50.443 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046276.D

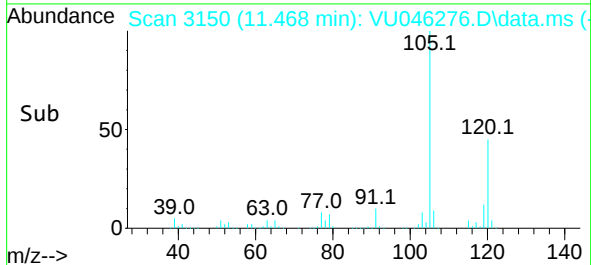
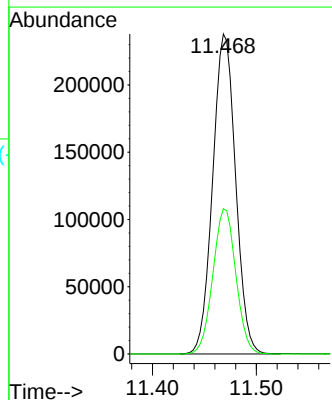
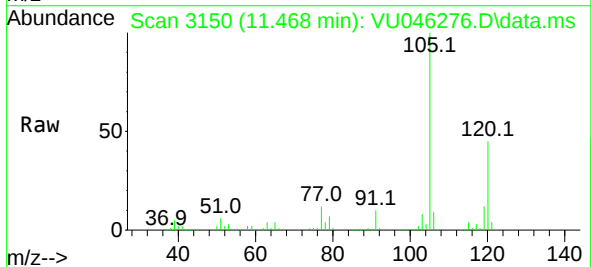
Acq: 10 Dec 2021 19:22

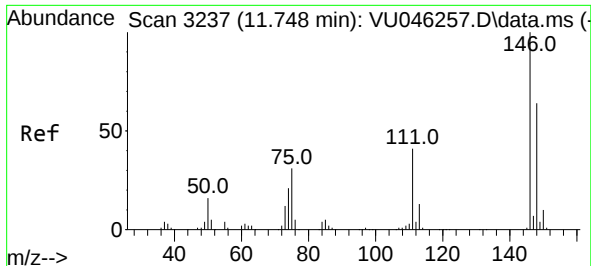
Tgt Ion:105 Resp: 364510

Ion Ratio Lower Upper

105 100

120 45.4 35.2 52.8

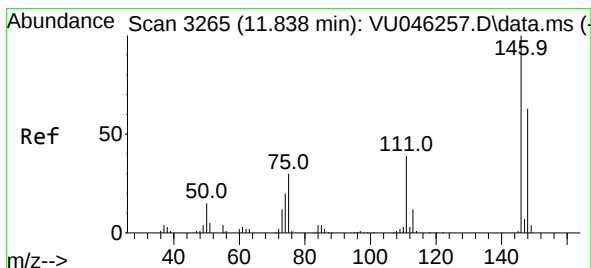
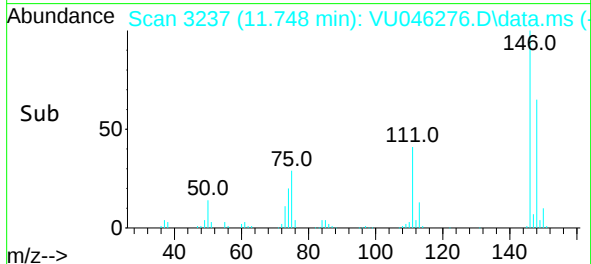
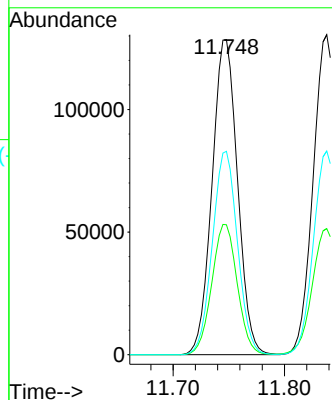
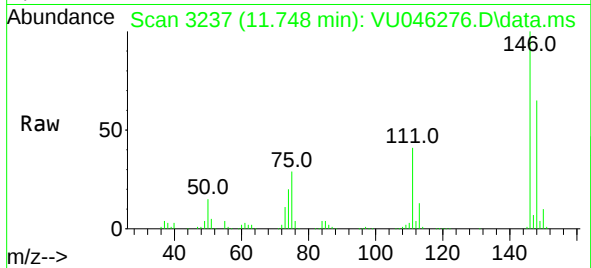




#64
1,3-Dichlorobenzene
Concen: 49.624 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

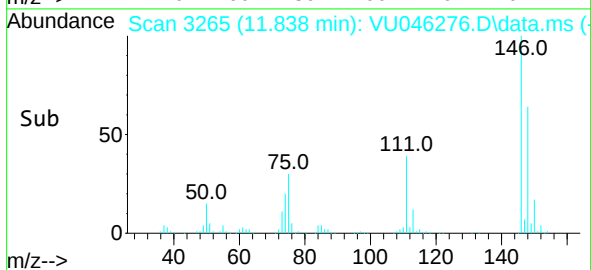
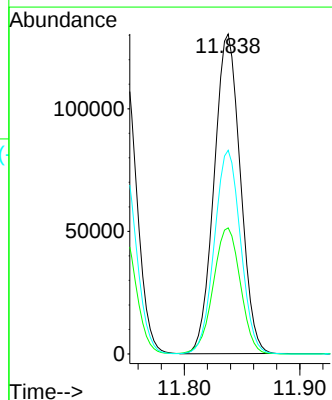
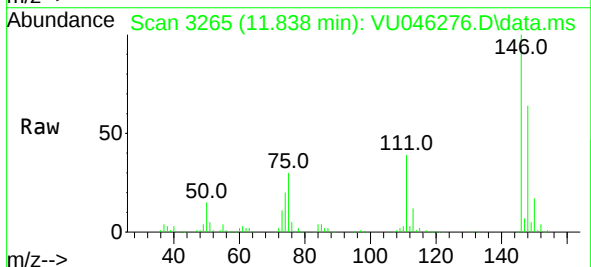
Instrument :
MSVOA_U
ClientSampleId :

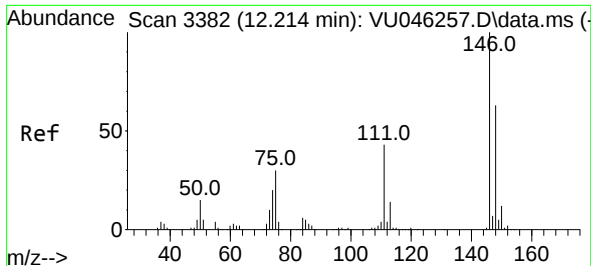
Tgt Ion:146 Resp: 204257
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.9
148 64.6 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 48.413 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:146 Resp: 205950
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 63.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 48.593 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

Instrument :

MSVOA_U

ClientSampleId :

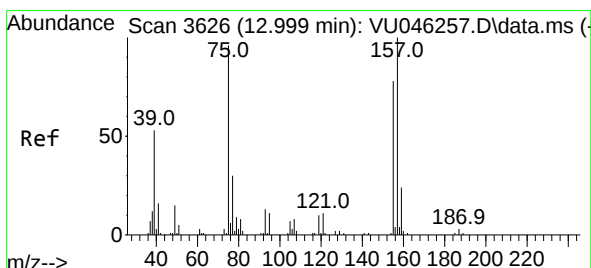
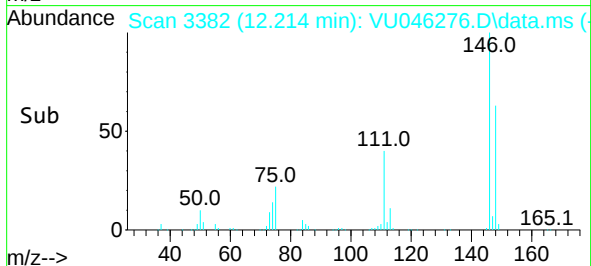
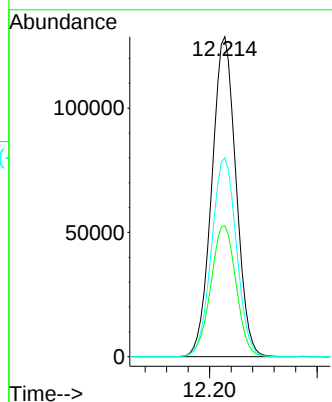
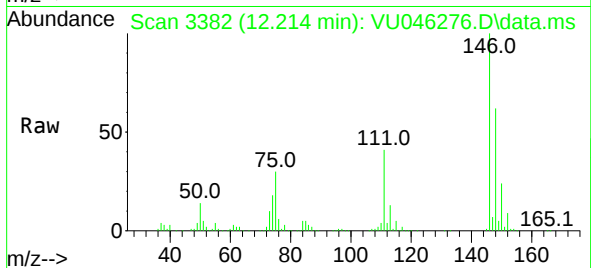
Tgt Ion:146 Resp: 201422

Ion Ratio Lower Upper

146 100

111 40.9 35.7 53.5

148 62.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.038 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046276.D

Acq: 10 Dec 2021 19:22

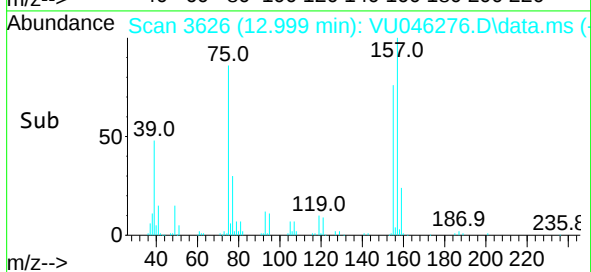
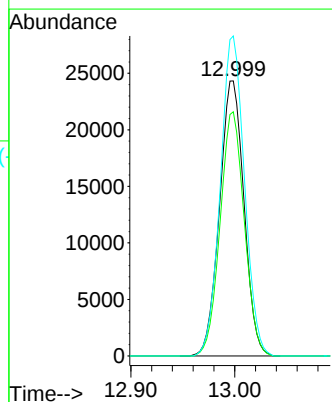
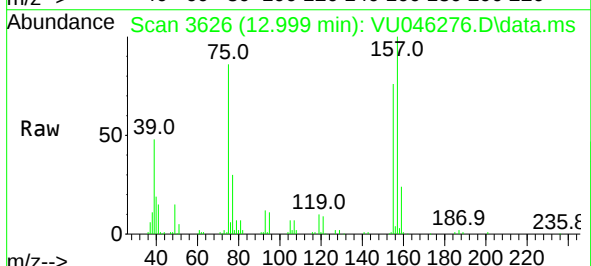
Tgt Ion: 75 Resp: 39694

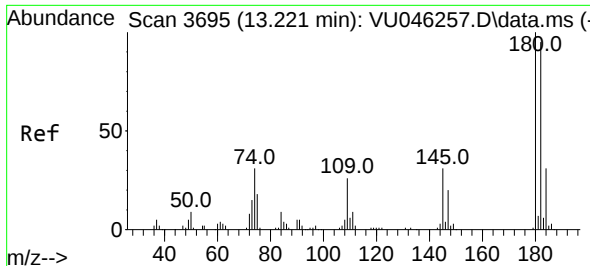
Ion Ratio Lower Upper

75 100

155 88.8 64.9 97.3

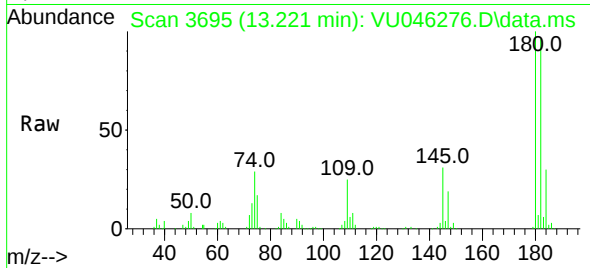
157 116.3 81.9 122.9



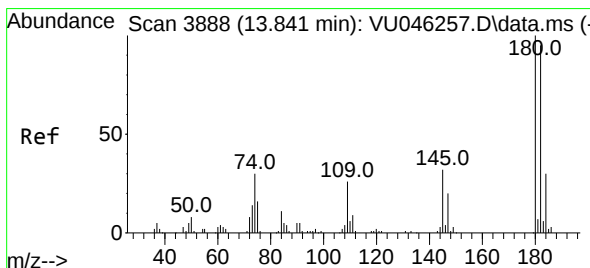
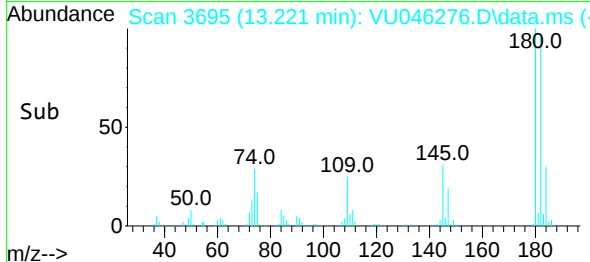
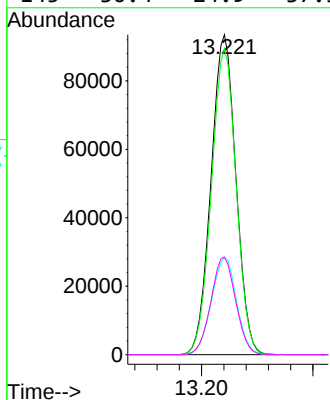


#69
 1,3,5-Trichlorobenzene
 Concen: 48.326 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

Instrument :
 MSVOA_U
 ClientSampleId :

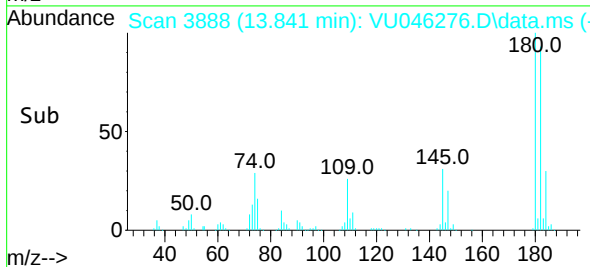
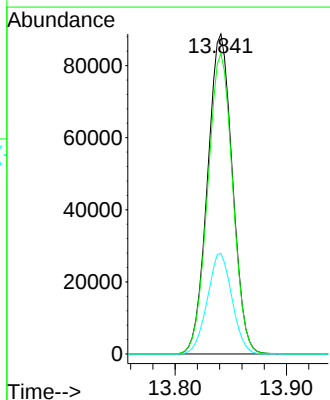
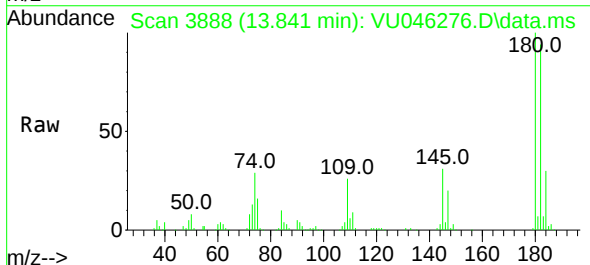


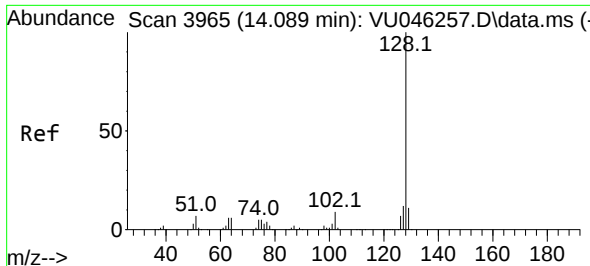
Tgt Ion:180 Resp: 144938
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.9 113.9
 184 30.7 24.2 36.4
 145 30.4 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.679 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046276.D
 Acq: 10 Dec 2021 19:22

Tgt Ion:180 Resp: 137540
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.7 115.1
 145 31.2 26.0 39.0

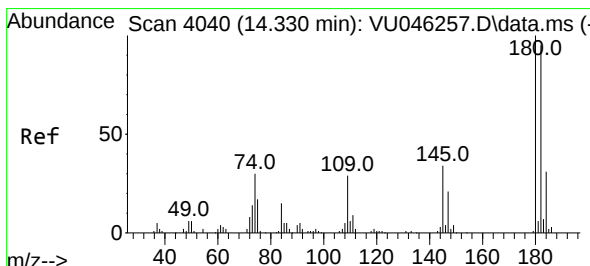
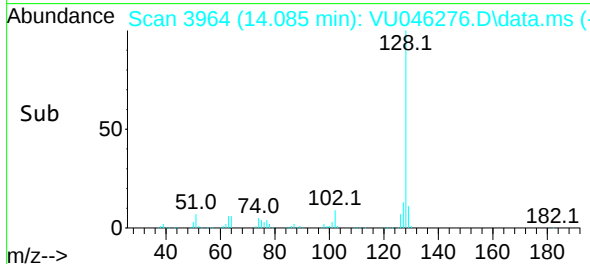
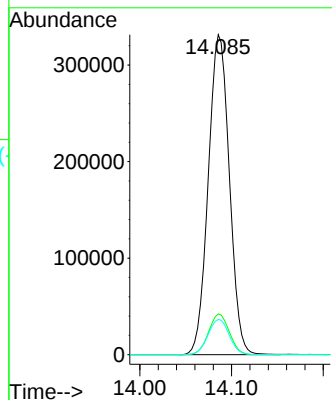
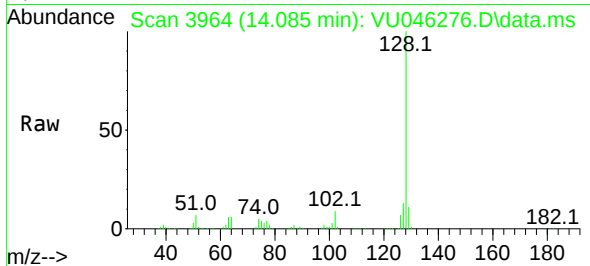




#71
Naphthalene
Concen: 57.196 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 529707
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.325 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046276.D
Acq: 10 Dec 2021 19:22

Tgt Ion:180 Resp: 139294
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 33.4 27.3 40.9

