

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046528.D
 Acq On : 21 Dec 2021 16:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:46:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	55208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36355	4.246	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	29255	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.575	65	15854	4.391	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.661	46	111576	44.924	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.840%
24) Chloroform-d	5.070	84	69964	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.706	65	40038	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.732	84	131270	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.693	67	40314	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.902	98	122133	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	18369	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.639	63	118531	49.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41118	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47208	4.642	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	90416	5.436	ug/L	100
3) Chloromethane	1.523	50	66776	4.661	ug/L	98
5) Vinyl chloride	1.610	62	68499	4.857	ug/L	99
6) Bromomethane	1.864	94	41085	4.840	ug/L	97
8) Chloroethane	1.941	64	37937	4.582	ug/L	98
9) Trichlorofluoromethane	2.147	101	94298	5.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	51424	5.476	ug/L	96
12) 1,1-Dichloroethene	2.587	96	47445	4.962	ug/L #	78
13) Acetone	2.694	43	65028	27.926	ug/L	64
14) Carbon disulfide	2.800	76	154407	4.944	ug/L	100
15) Methyl Acetate	2.973	43	20187	4.292	ug/L #	88
16) Methylene chloride	3.054	84	51739	4.447	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	135077	4.842	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	51056	5.005	ug/L	93
19) 1,1-Dichloroethane	3.877	63	86427	4.599	ug/L	98
21) 2-Butanone	4.735	43	174843	49.490	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	54094	4.851	ug/L	97
23) Bromochloromethane	4.980	128	25741	4.638	ug/L	90
25) Chloroform	5.095	83	93792	4.620	ug/L	98

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Quant Time: Dec 22 05:46:38 2021
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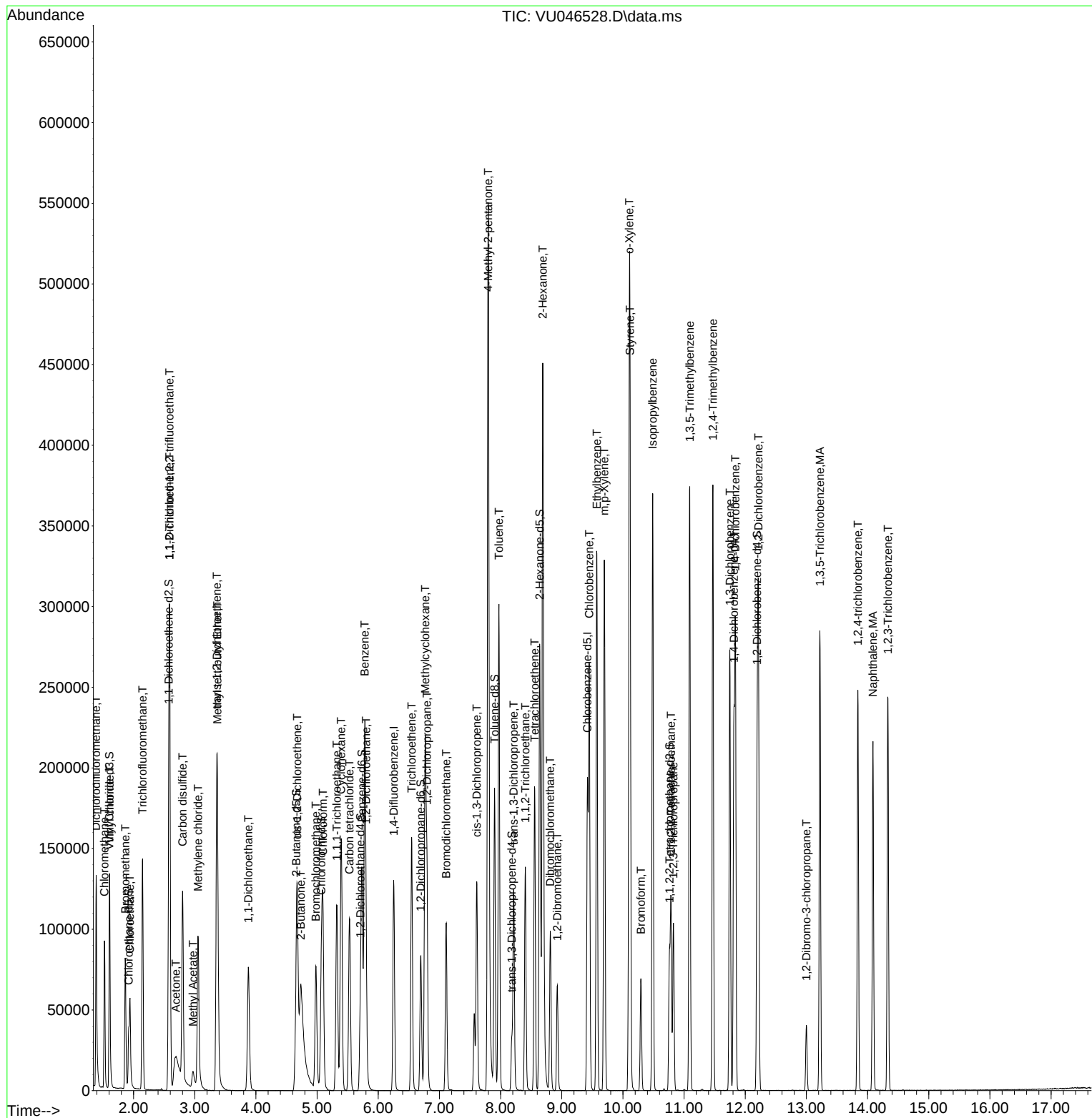
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	66374	4.580	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88035	5.093	ug/L	97
30) Cyclohexane	5.394	56	79339	5.549	ug/L	94
31) Carbon tetrachloride	5.529	117	76410	5.269	ug/L	99
33) Benzene	5.780	78	200900	4.837	ug/L	100
34) Trichloroethene	6.546	95	53577	4.894	ug/L	97
35) Methylcyclohexane	6.767	83	88769	5.751	ug/L	96
37) 1,2-Dichloropropane	6.796	63	50558	4.772	ug/L	100
38) Bromodichloromethane	7.111	83	70095	4.780	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	80088	4.994	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	389570	48.989	ug/L	96
42) Toluene	7.973	91	220310	5.168	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	73955	4.977	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	43425	4.753	ug/L	96
47) Tetrachloroethene	8.555	164	41262	5.326	ug/L	93
48) 2-Hexanone	8.690	43	297637	50.117	ug/L	96
49) Dibromochloromethane	8.812	129	51541	4.891	ug/L	98
50) 1,2-Dibromoethane	8.928	107	43748	4.961	ug/L #	98
51) Chlorobenzene	9.449	112	137653	5.052	ug/L	98
52) Ethylbenzene	9.574	91	239469	5.427	ug/L	100
53) m,p-Xylene	9.697	106	93137	5.510	ug/L	92
54) o-Xylene	10.105	106	89941	5.537	ug/L	95
55) Styrene	10.118	104	156156	5.543	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	57584	4.823	ug/L	96
59) Bromoform	10.295	173	30693	4.812	ug/L	97
60) Isopropylbenzene	10.487	105	240589	5.651	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	43363	4.729	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	203277	5.741	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	209783	5.883	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	110329	5.331	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	110741	5.227	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	106950	5.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10406	4.903	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	86704	5.535	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	73530	5.542	ug/L	100
71) Naphthalene	14.089	128	168130	5.706	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	72130	5.492	ug/L	99

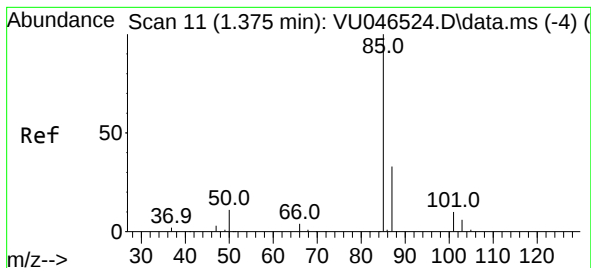
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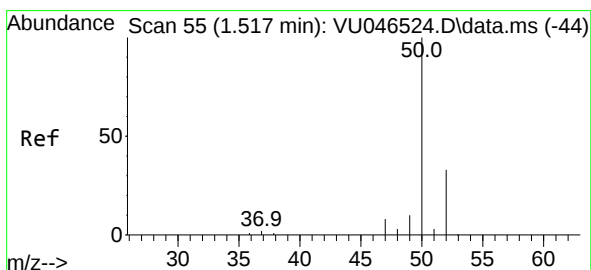
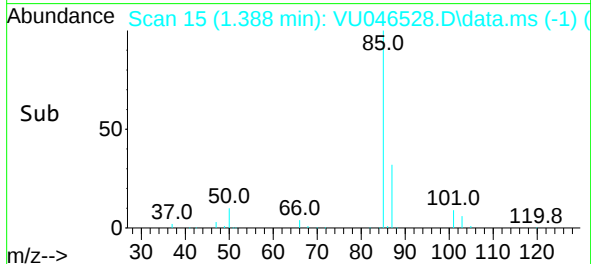
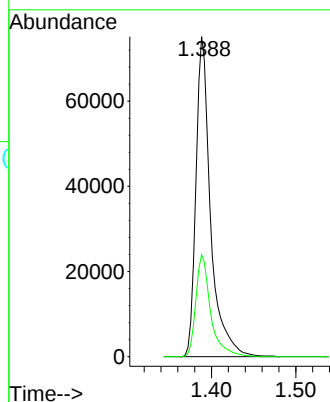
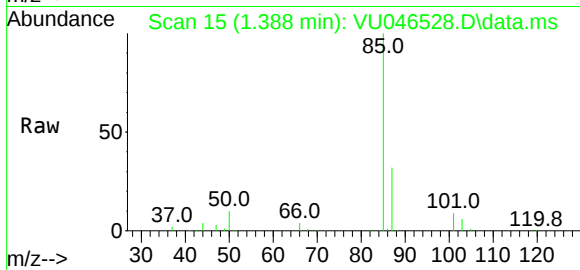




#2
 Dichlorodifluoromethane
 Concen: 5.436 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

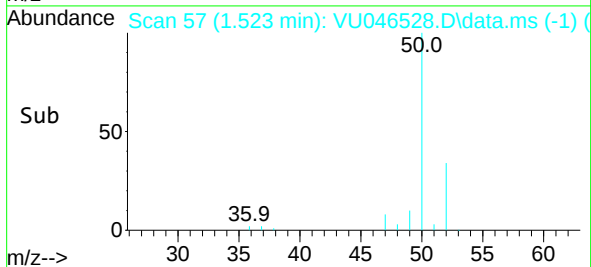
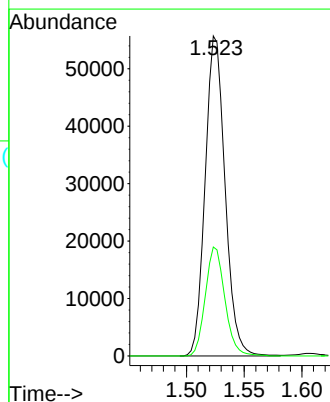
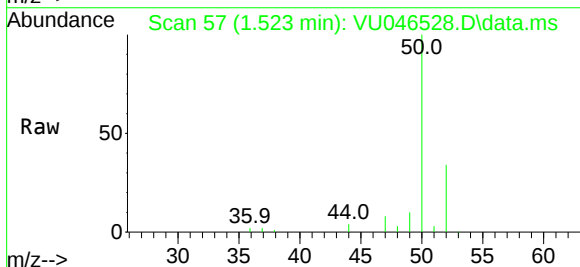
Instrument :
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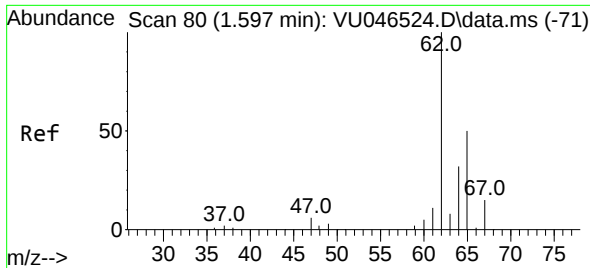
Tgt Ion: 85 Resp: 90416
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 4.661 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

Tgt Ion: 50 Resp: 66776
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.8

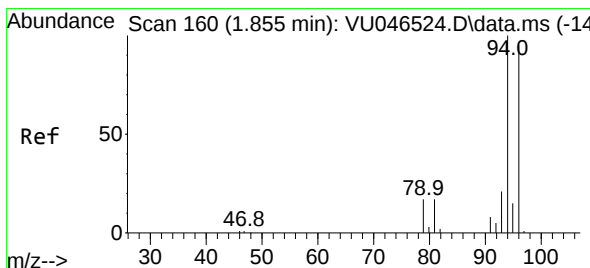
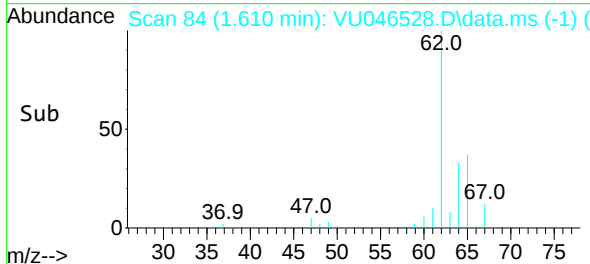
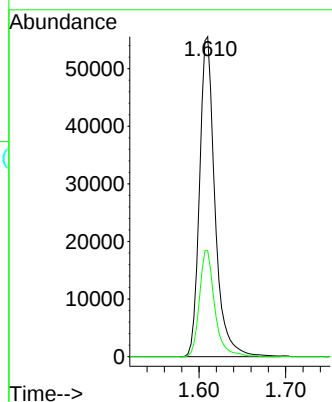
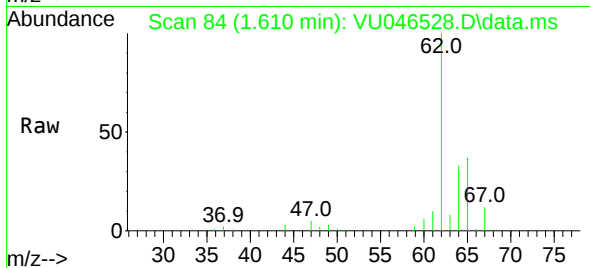




#5
 Vinyl chloride
 Concen: 4.857 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

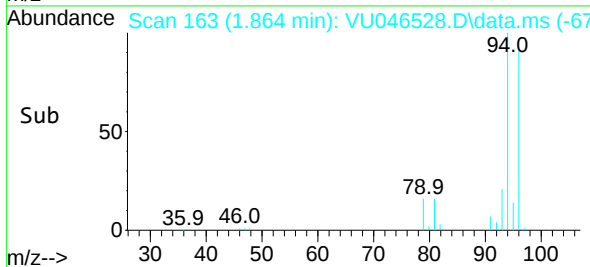
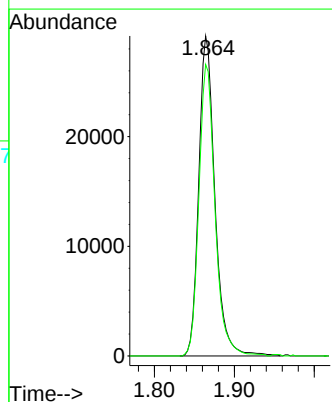
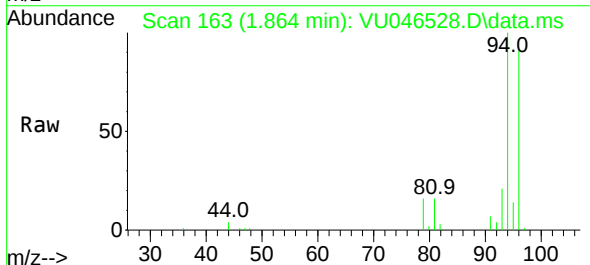
Instrument :
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 ClientSampleId :

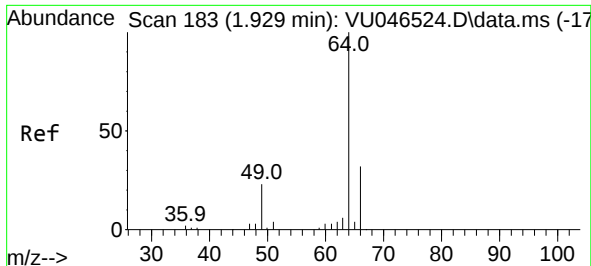
Tgt Ion: 62 Resp: 68499
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.840 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.009 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

Tgt Ion: 94 Resp: 41085
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.5 121.6

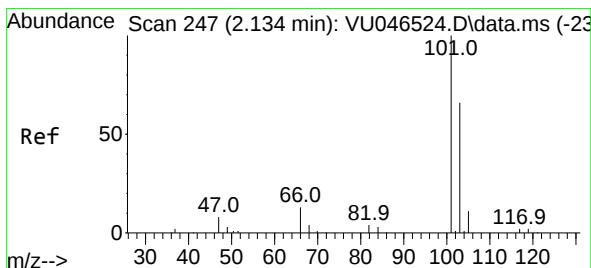
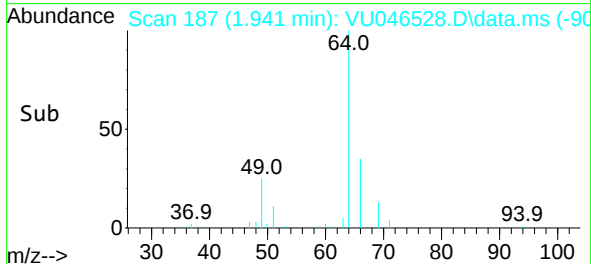
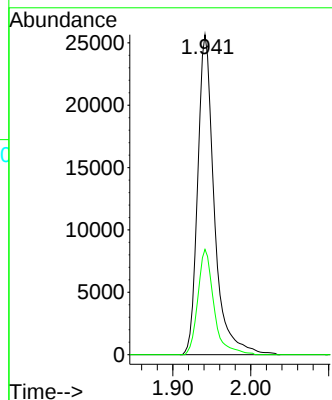
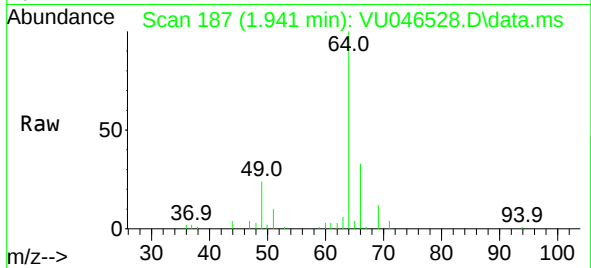




#8
Chloroethane
Concen: 4.582 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

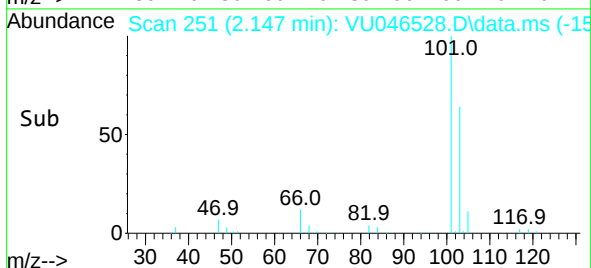
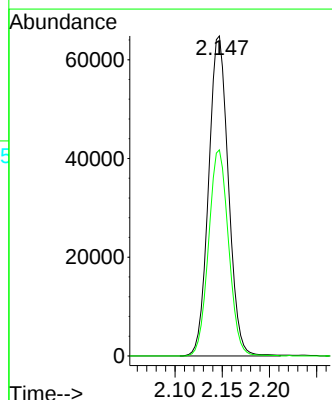
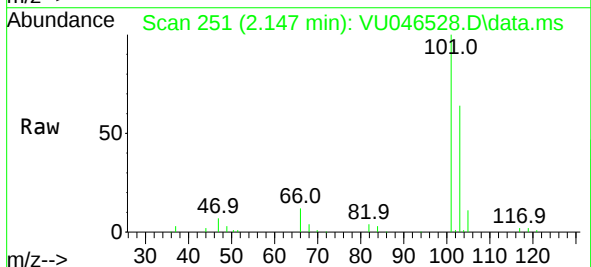
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MSVOA_U
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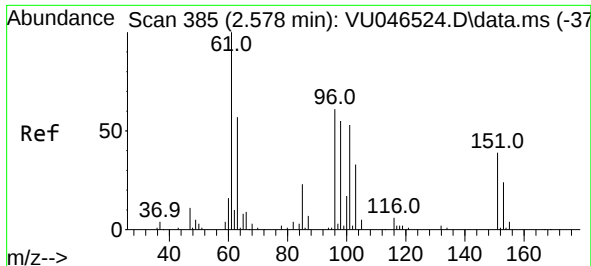
Tgt Ion: 64 Resp: 37937
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.112 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion:101 Resp: 94298
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

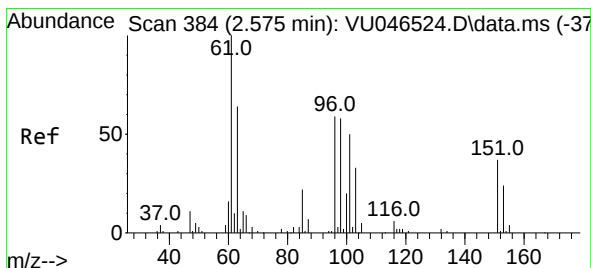
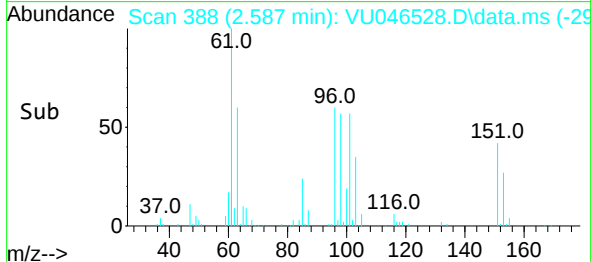
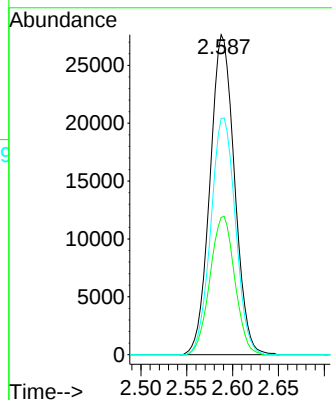
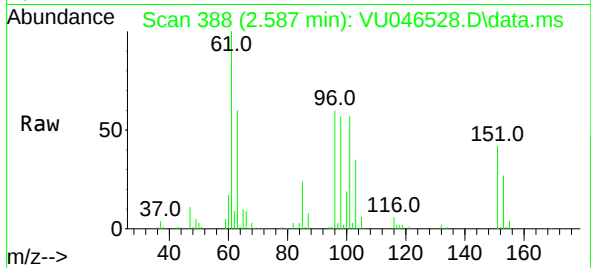




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.476 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.009 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

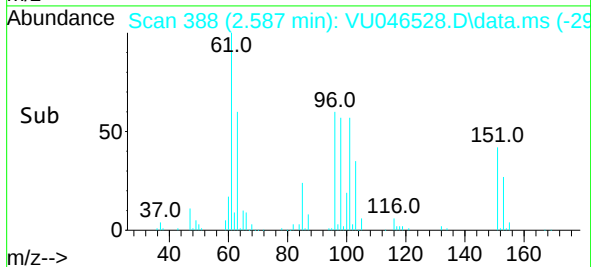
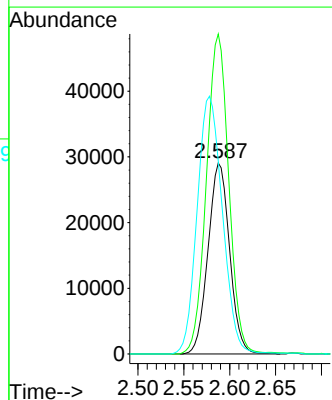
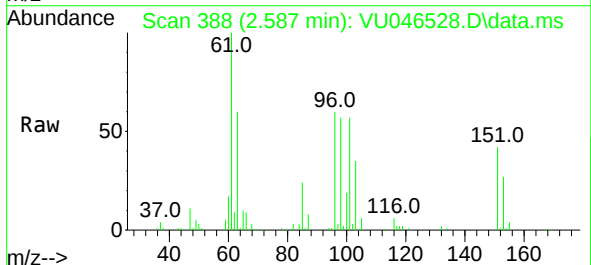
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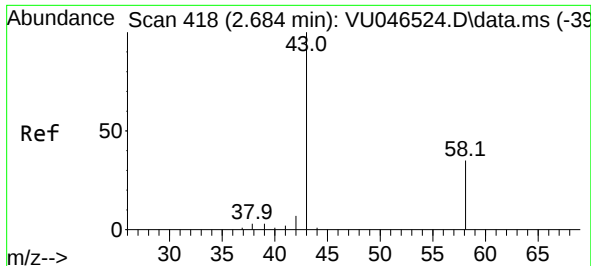
Tgt Ion:101 Resp: 51424
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 74.4 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.962 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion: 96 Resp: 47445
Ion Ratio Lower Upper
96 100
61 167.5 124.7 231.5
63 100.9 105.2 195.4#





#13

Acetone

Concen: 27.926 ug/L

RT: 2.694 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

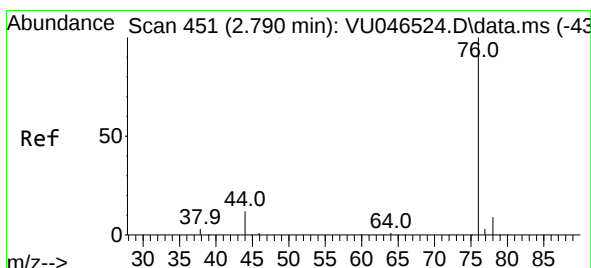
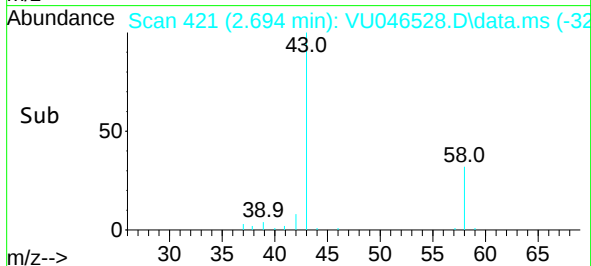
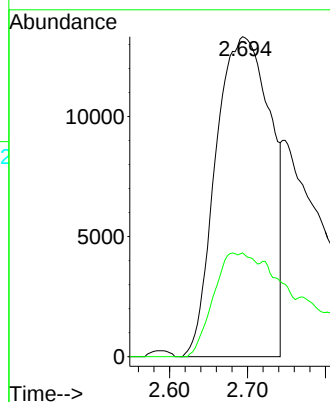
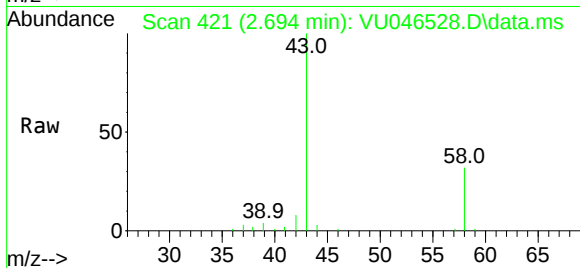
ClientSampleId :

Tgt Ion: 43 Resp: 65028

Ion Ratio Lower Upper

43 100

58 14.5 0.0 71.6



#14

Carbon disulfide

Concen: 4.944 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.009 min

Lab File: VU046528.D

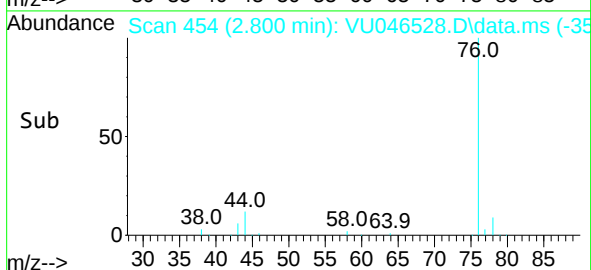
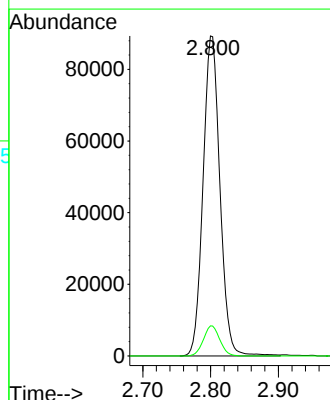
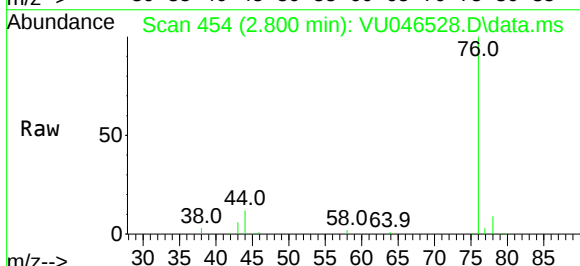
Acq: 21 Dec 2021 16:10

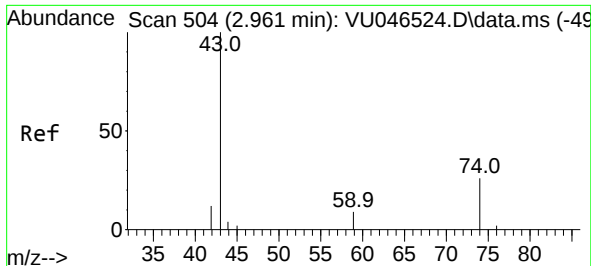
Tgt Ion: 76 Resp: 154407

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

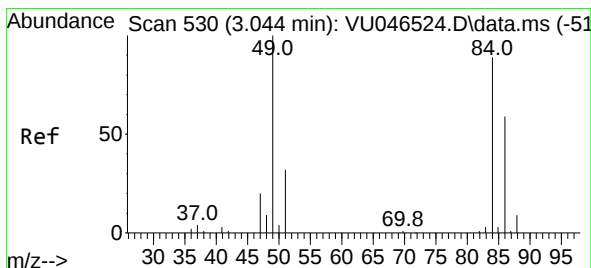
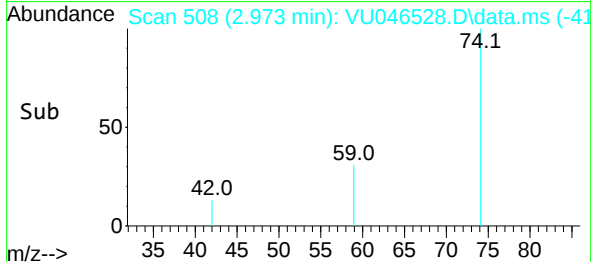
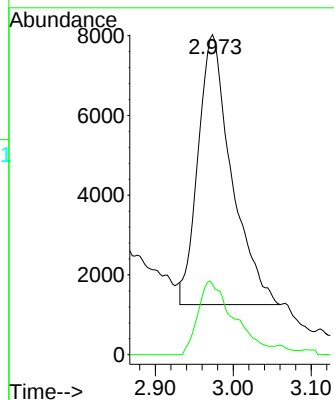
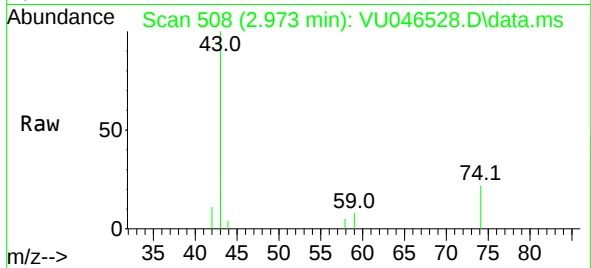




#15
Methyl Acetate
Concen: 4.292 ug/L
RT: 2.973 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

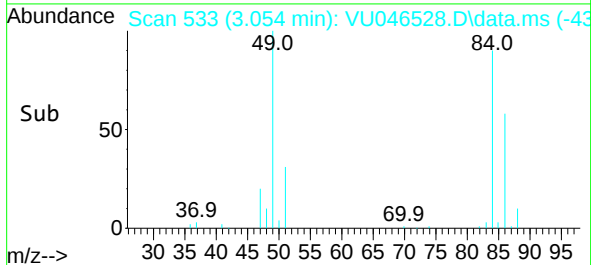
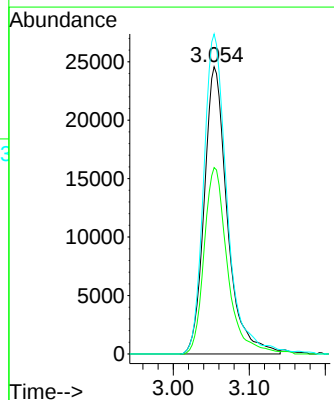
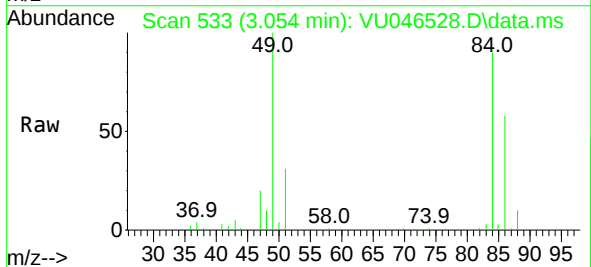
Instrument :
MSVOA_U
ClientSampleId :

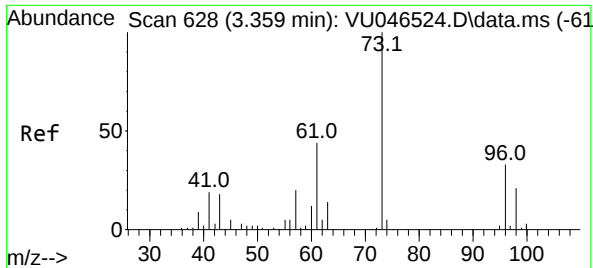
Tgt Ion: 43 Resp: 20187
Ion Ratio Lower Upper
43 100
74 29.6 19.1 28.7#



#16
Methylene chloride
Concen: 4.447 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

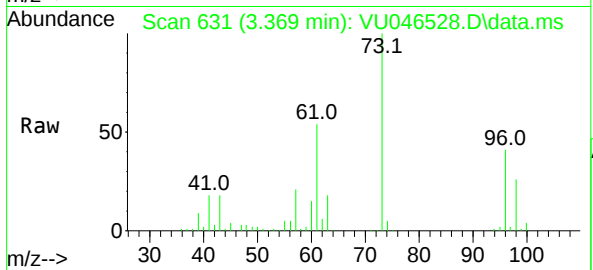
Tgt Ion: 84 Resp: 51739
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 111.4 84.5 156.9



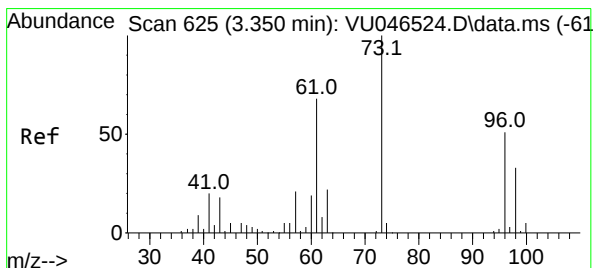
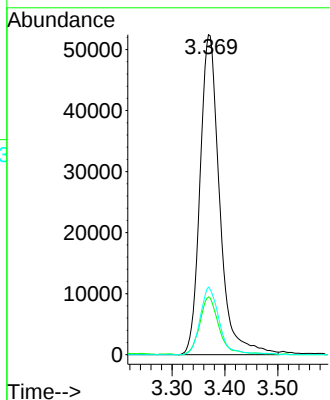
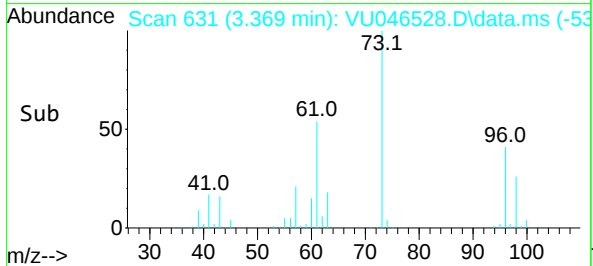


#17
Methyl tert-butyl Ether
Concen: 4.842 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.009 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

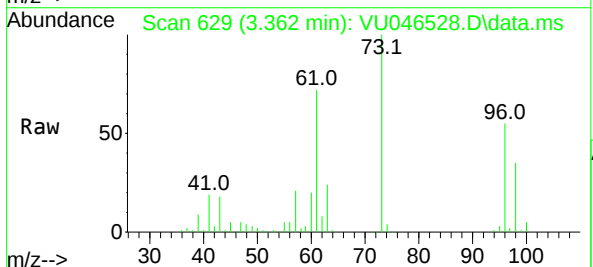
Instrument :
MSVOA_U
ClientSampleId :



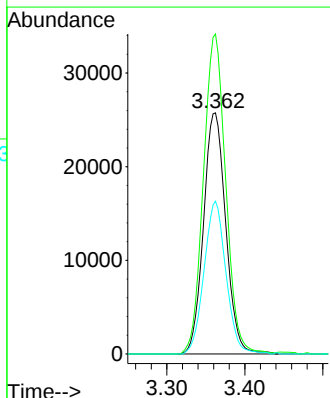
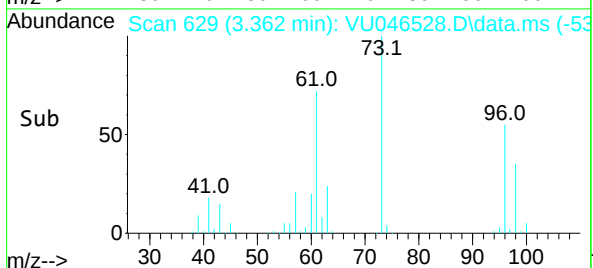
Tgt Ion: 73 Resp: 135077
Ion Ratio Lower Upper
73 100
43 17.6 14.8 22.2
57 20.3 17.4 26.0

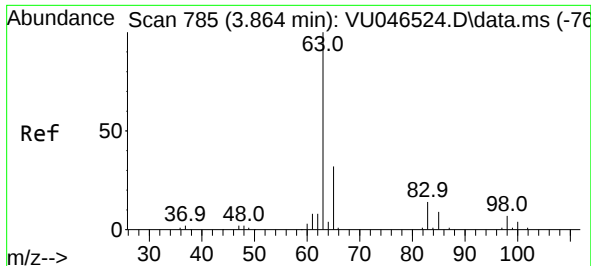


#18
trans-1,2-Dichloroethene
Concen: 5.005 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10



Tgt Ion: 96 Resp: 51056
Ion Ratio Lower Upper
96 100
61 132.7 100.8 187.2
98 63.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.599 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.013 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

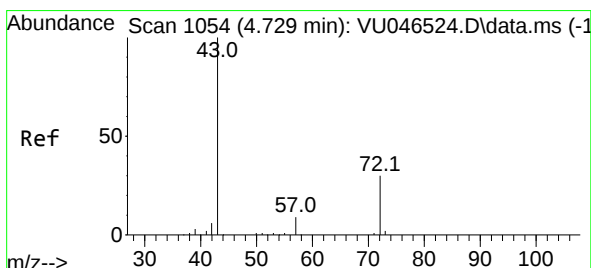
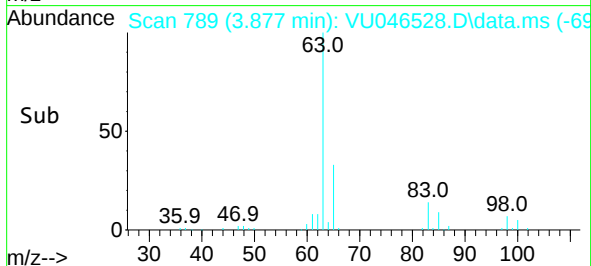
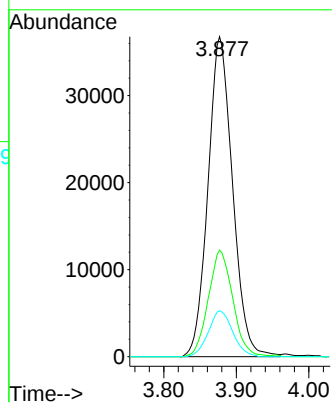
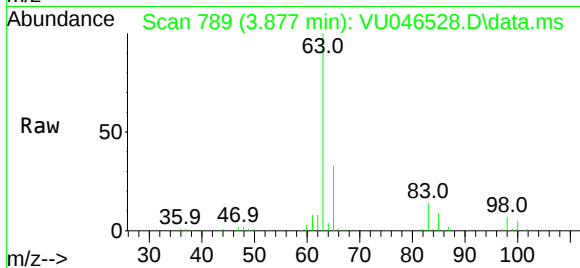
Tgt Ion: 63 Resp: 86427

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.5

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 49.490 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VU046528.D

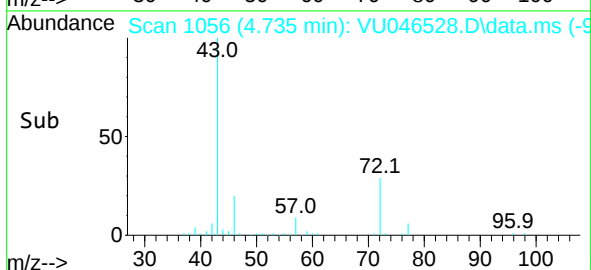
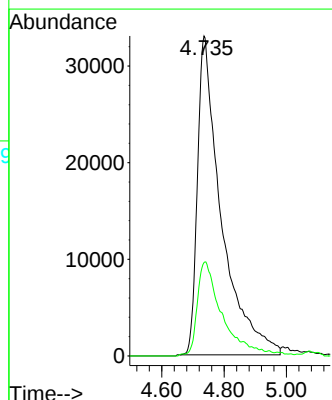
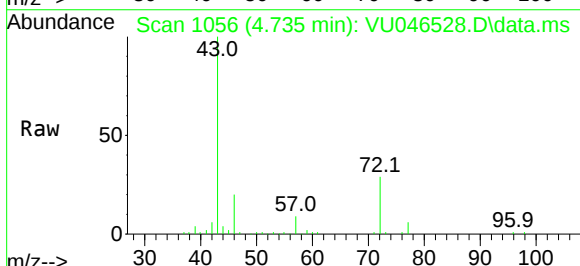
Acq: 21 Dec 2021 16:10

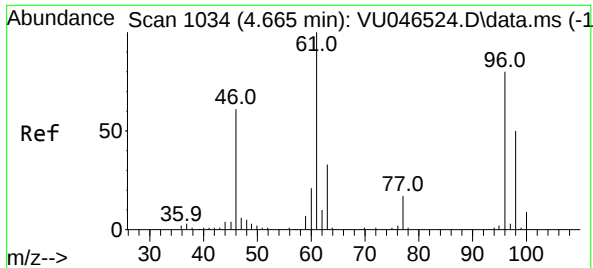
Tgt Ion: 43 Resp: 174843

Ion Ratio Lower Upper

43 100

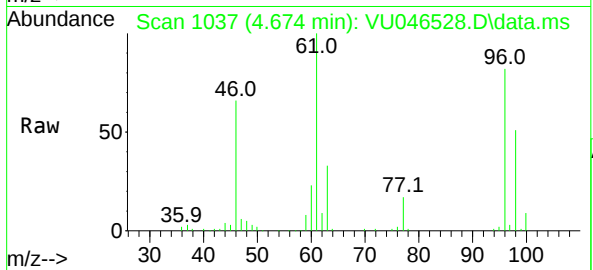
72 27.9 14.1 42.3



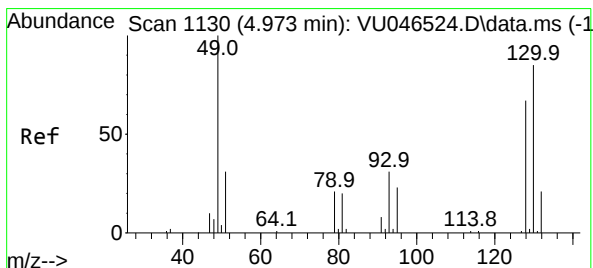
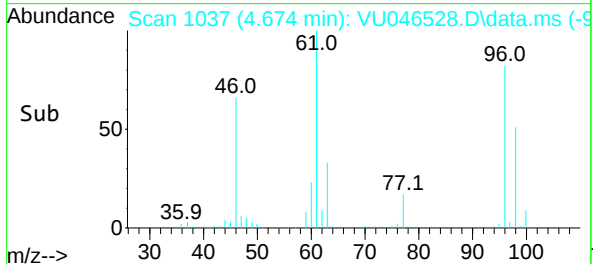
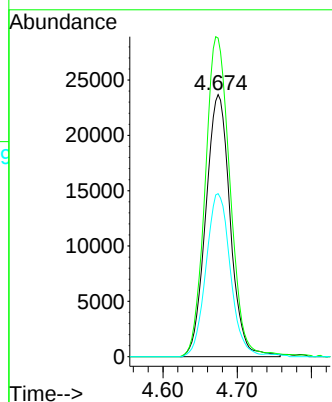


#22
 cis-1,2-Dichloroethene
 Concen: 4.851 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.009 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

Instrument :
 MSVOA_U
 ClientSampleId :

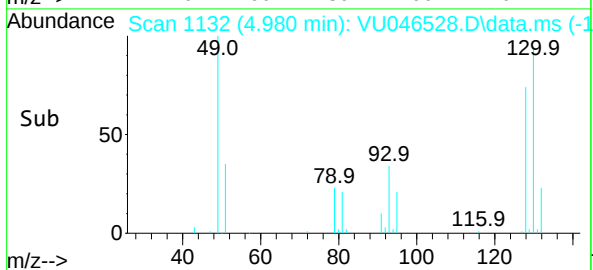
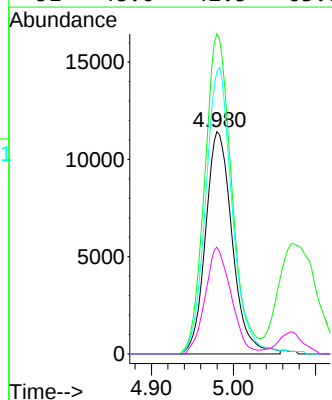
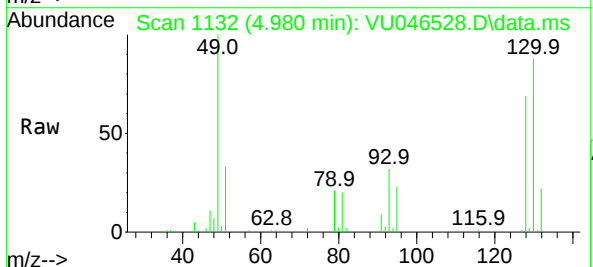


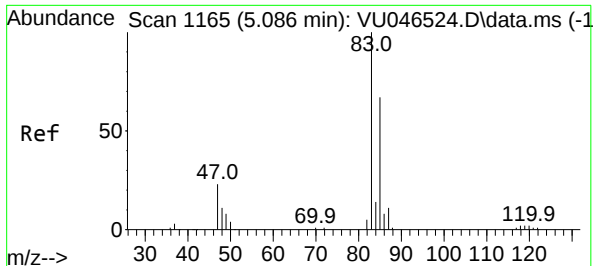
Tgt Ion: 96 Resp: 54094
 Ion Ratio Lower Upper
 96 100
 61 121.6 88.5 164.3
 98 62.2 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.638 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VU046528.D
 Acq: 21 Dec 2021 16:10

Tgt Ion: 128 Resp: 25741
 Ion Ratio Lower Upper
 128 100
 49 144.0 117.0 217.2
 130 127.2 88.2 163.8
 51 48.0 42.5 63.7





#25

Chloroform

Concen: 4.620 ug/L

RT: 5.095 min Scan# 1165

Delta R.T. 0.009 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

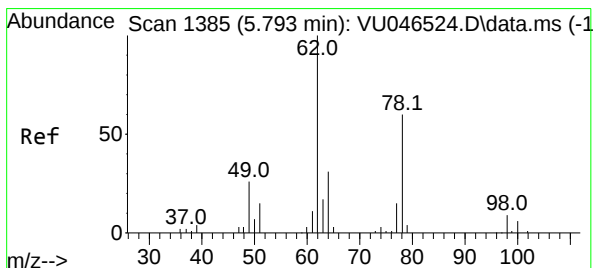
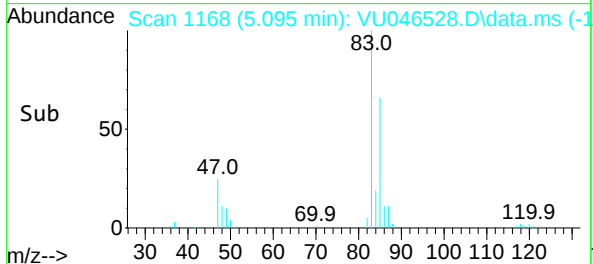
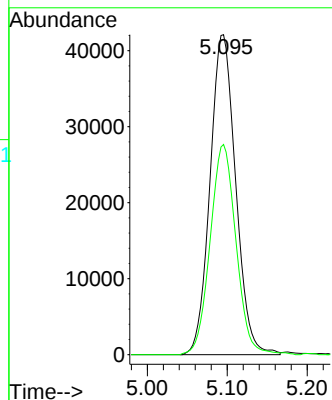
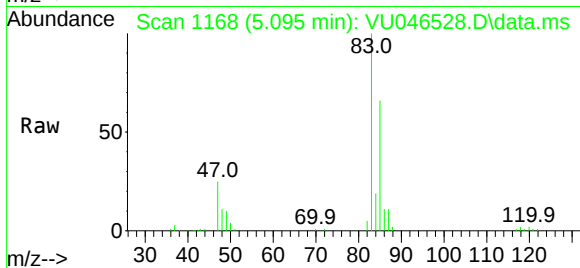
ClientSampleId :

Tgt Ion: 83 Resp: 93792

Ion Ratio Lower Upper

83 100

85 65.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.580 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046528.D

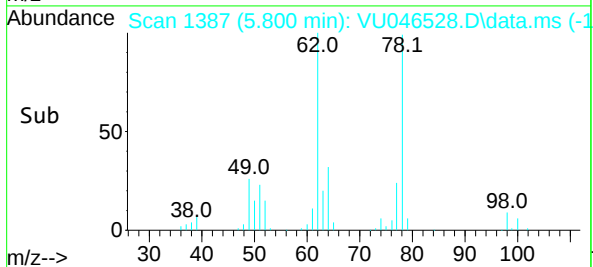
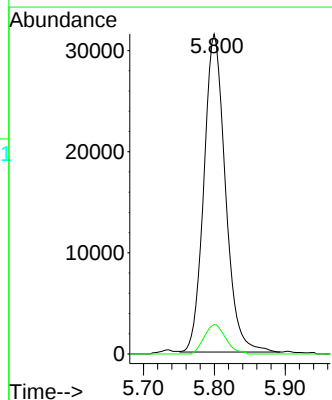
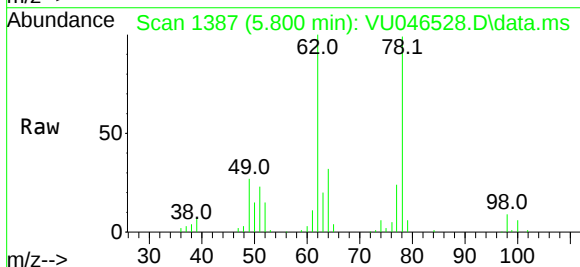
Acq: 21 Dec 2021 16:10

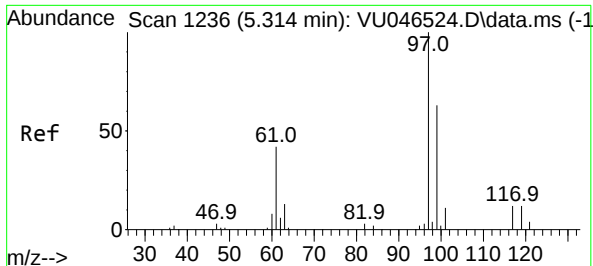
Tgt Ion: 62 Resp: 66374

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.093 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

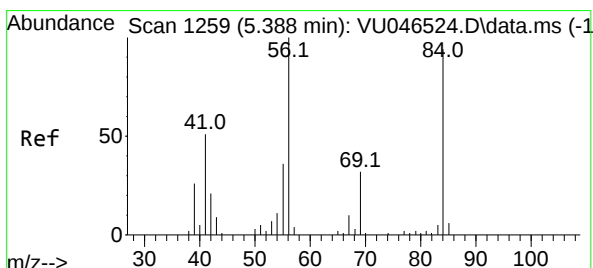
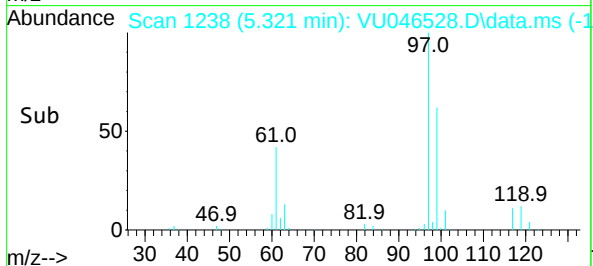
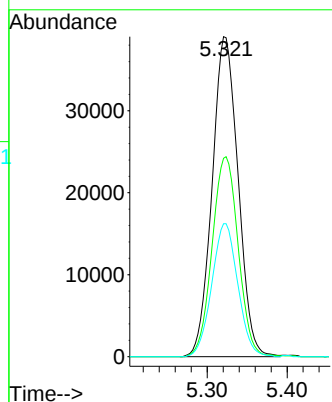
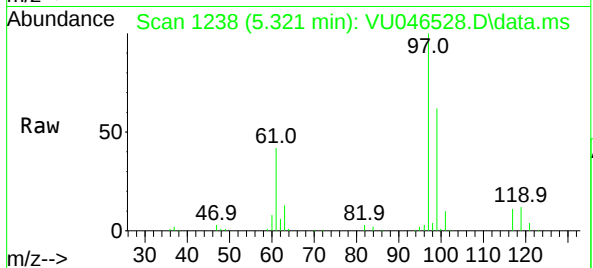
Tgt Ion: 97 Resp: 88035

Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 41.6 36.1 54.1



#30

Cyclohexane

Concen: 5.549 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

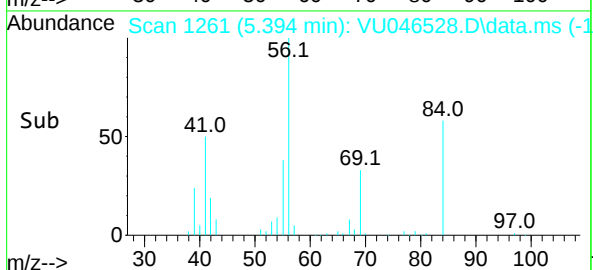
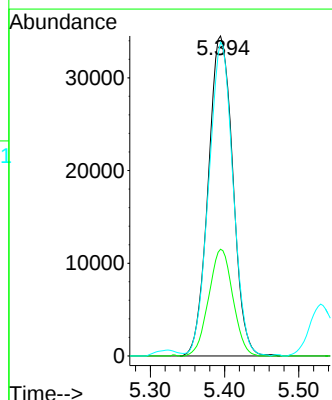
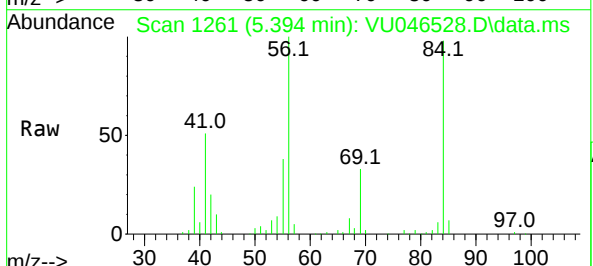
Tgt Ion: 56 Resp: 79339

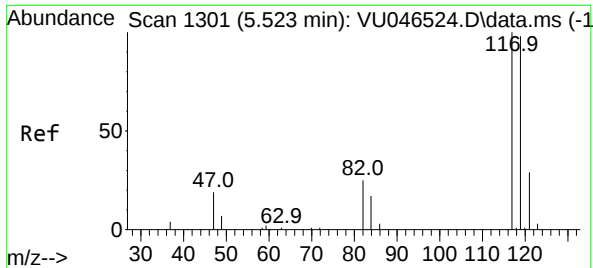
Ion Ratio Lower Upper

56 100

69 32.8 24.7 37.1

84 96.7 71.8 107.6

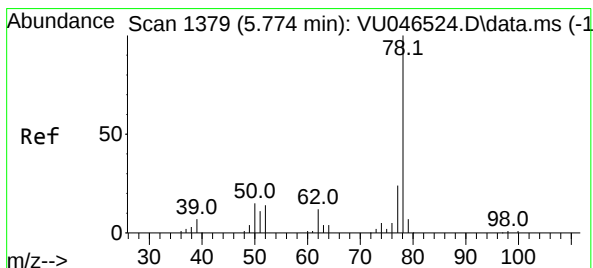
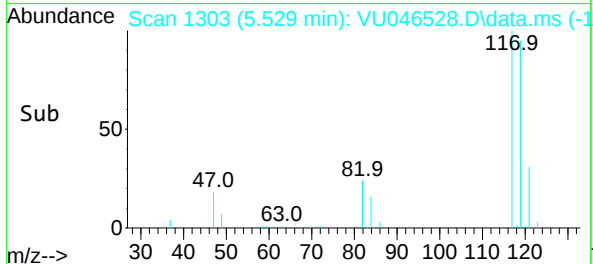
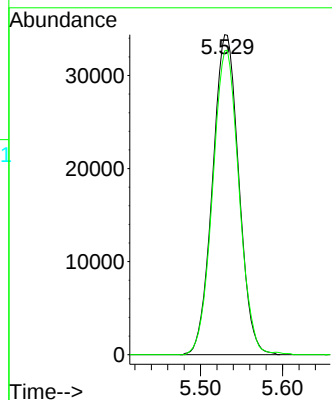
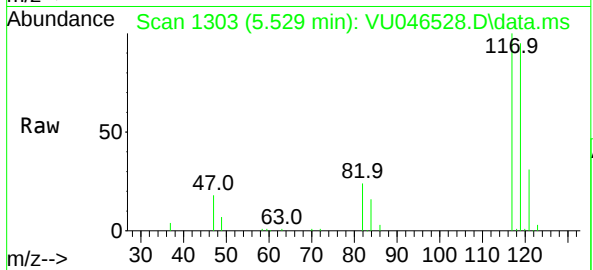




#31
Carbon tetrachloride
Concen: 5.269 ug/L
RT: 5.529 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

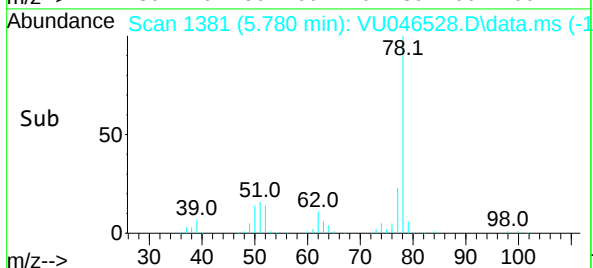
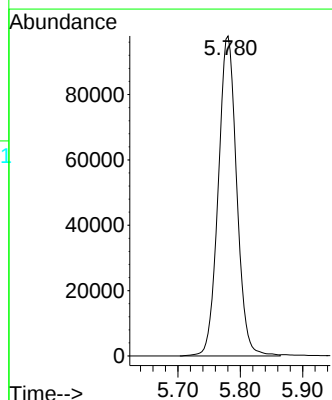
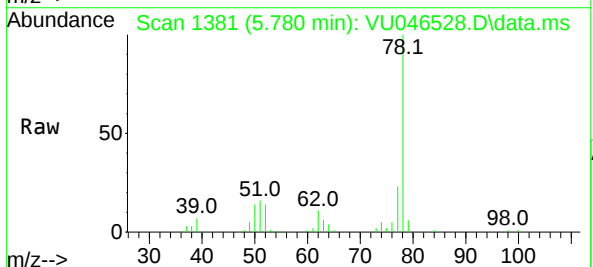
Instrument :
MSVOA_U
ClientSampleId :

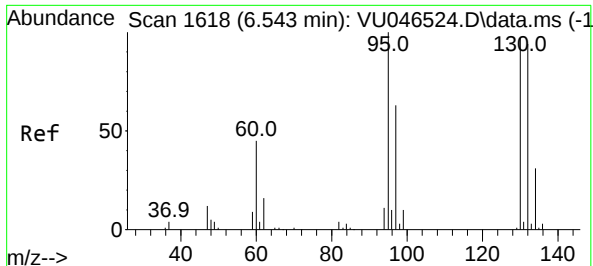
Tgt Ion:117 Resp: 76410
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 4.837 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion: 78 Resp: 200900

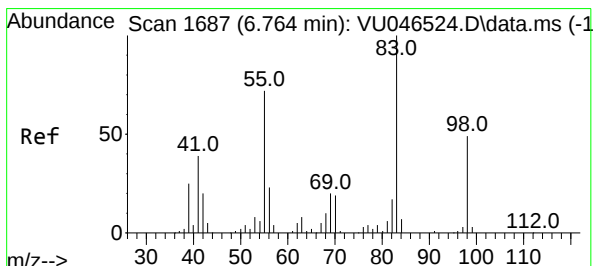
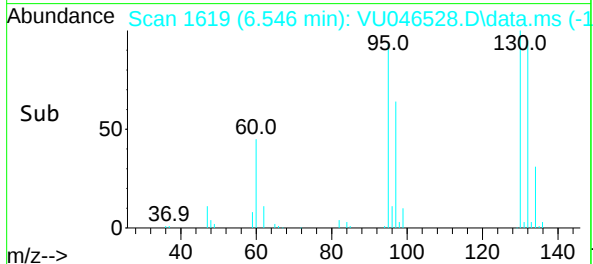
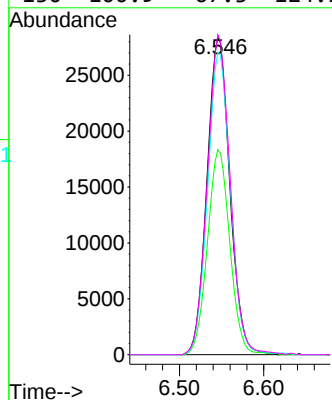
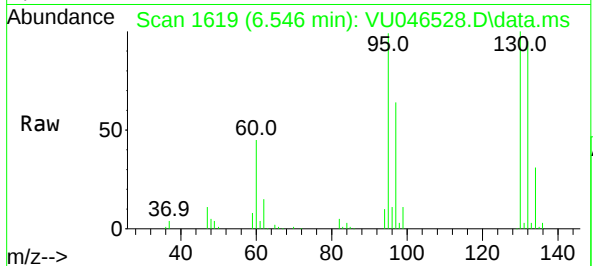




#34
Trichloroethene
Concen: 4.894 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

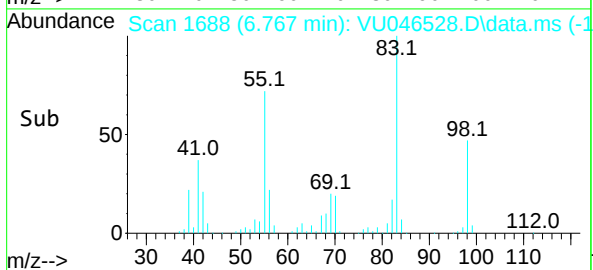
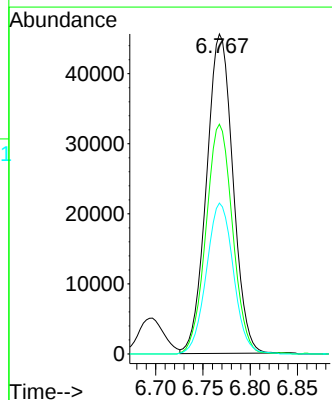
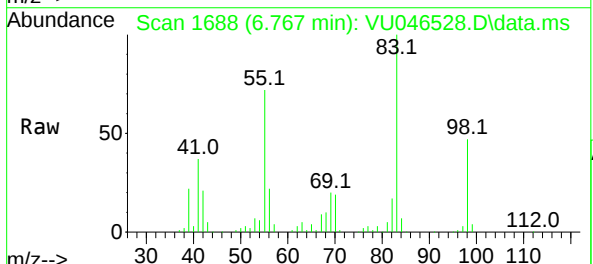
Instrument :
MSVOA_U
ClientSampleId :

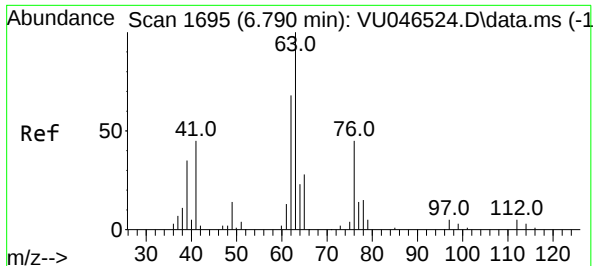
Tgt Ion: 95 Resp: 53577
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 95.5 65.1 120.9
130 100.9 67.3 124.9



#35
Methylcyclohexane
Concen: 5.751 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion: 83 Resp: 88769
Ion Ratio Lower Upper
83 100
55 72.3 61.9 92.9
98 48.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.772 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

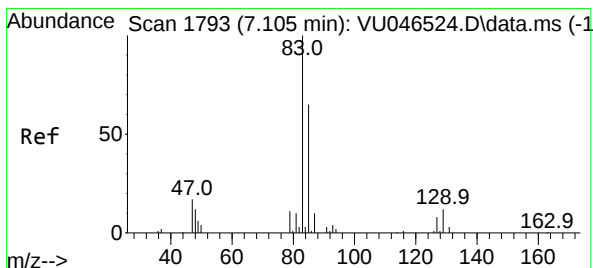
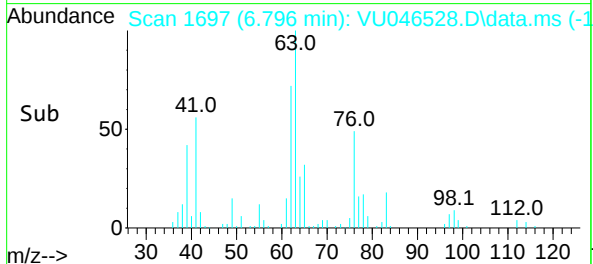
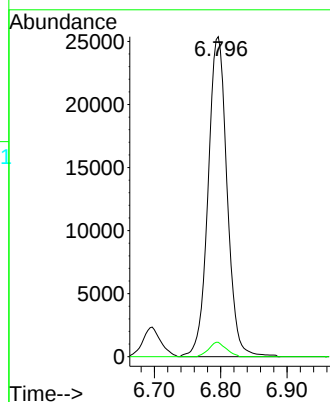
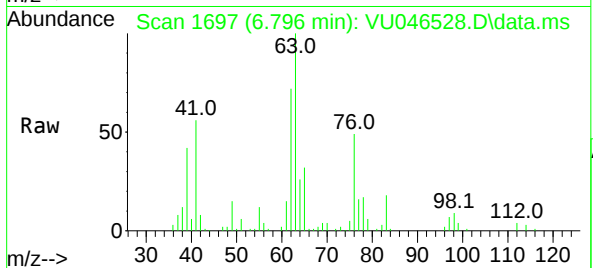
ClientSampleId :

Tgt Ion: 63 Resp: 50558

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.780 ug/L

RT: 7.111 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

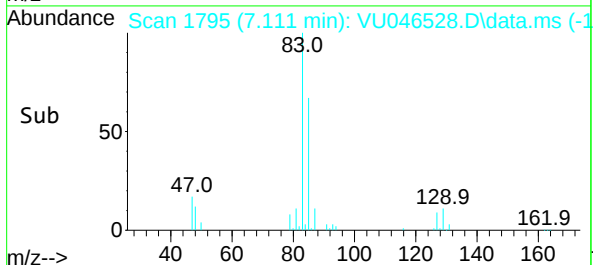
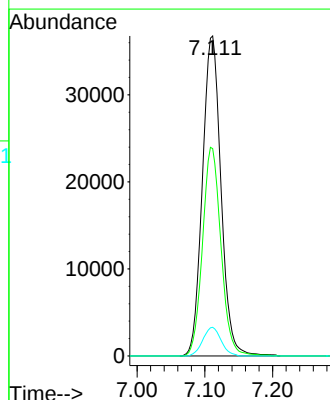
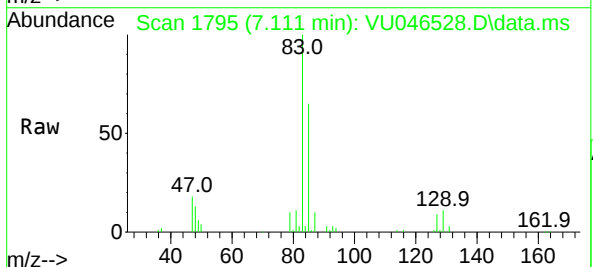
Tgt Ion: 83 Resp: 70095

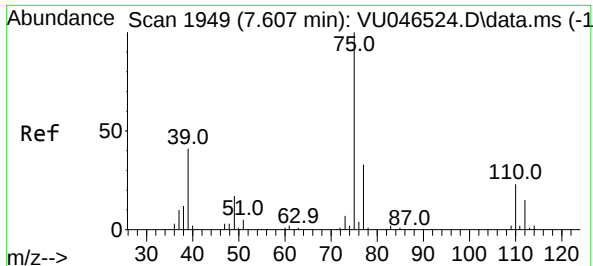
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.994 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

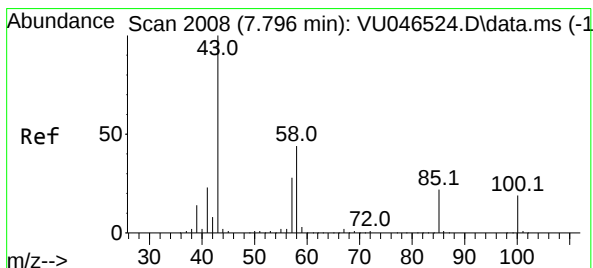
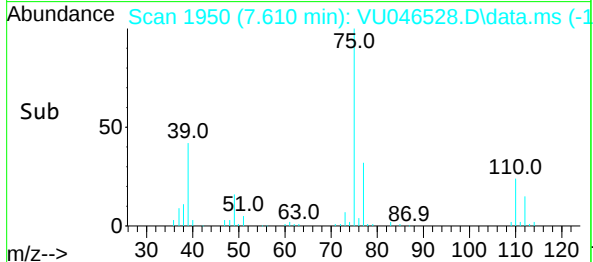
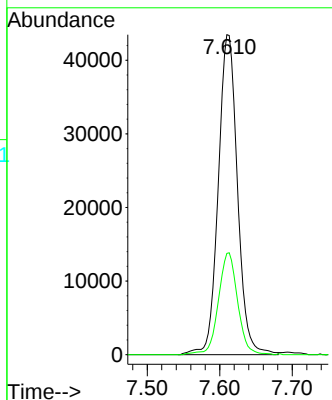
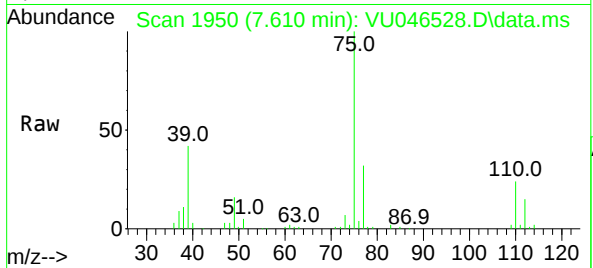
ClientSampleId :

Tgt Ion: 75 Resp: 80088

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.989 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

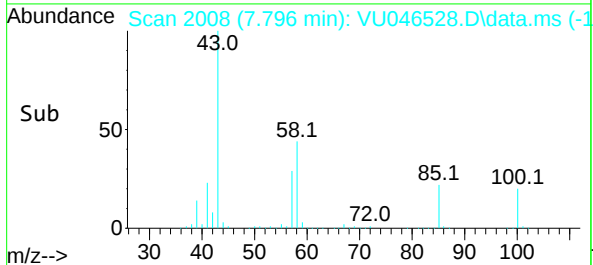
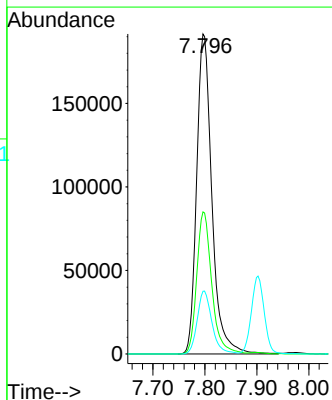
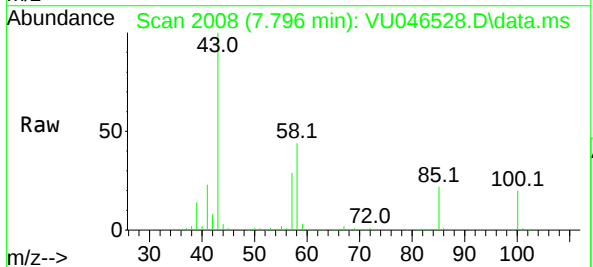
Tgt Ion: 43 Resp: 389570

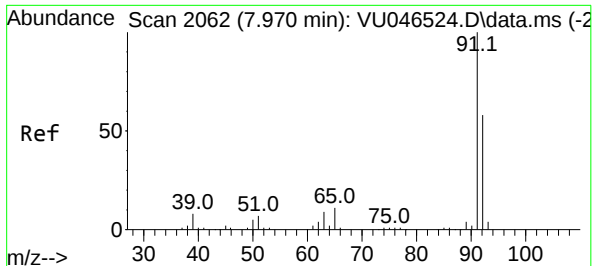
Ion Ratio Lower Upper

43 100

58 43.8 33.1 49.7

100 19.0 13.2 19.8





#42

Toluene

Concen: 5.168 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

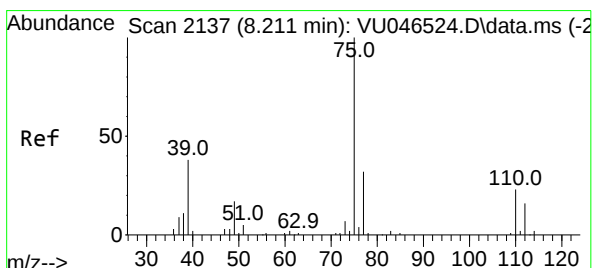
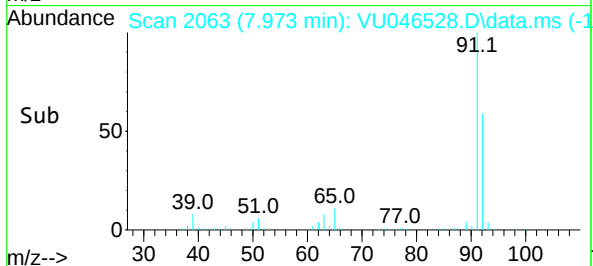
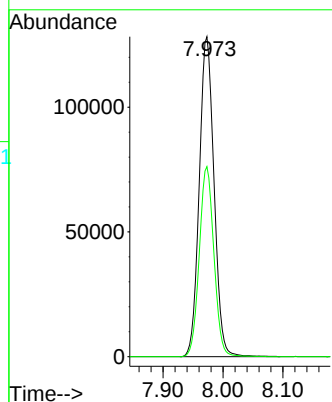
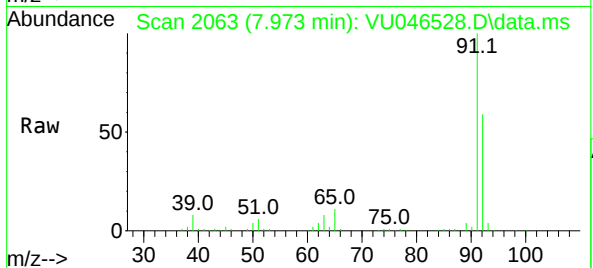
ClientSampleId :

Tgt Ion: 91 Resp: 220310

Ion Ratio Lower Upper

91 100

92 59.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.977 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046528.D

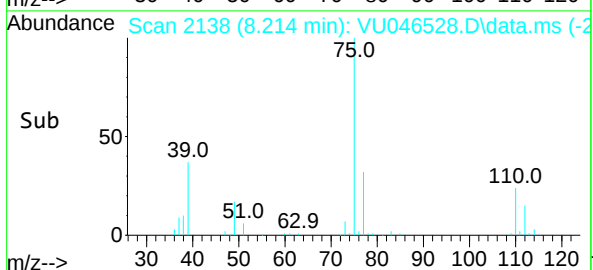
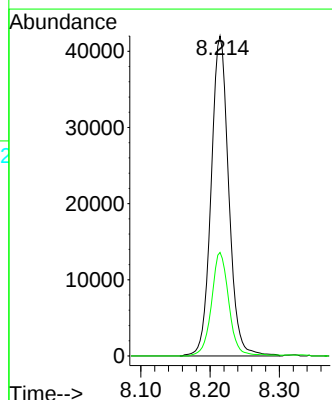
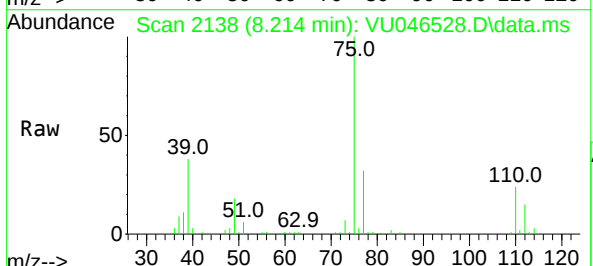
Acq: 21 Dec 2021 16:10

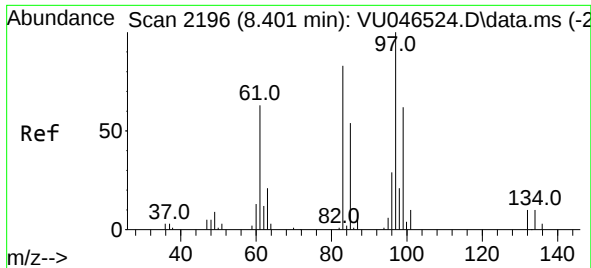
Tgt Ion: 75 Resp: 73955

Ion Ratio Lower Upper

75 100

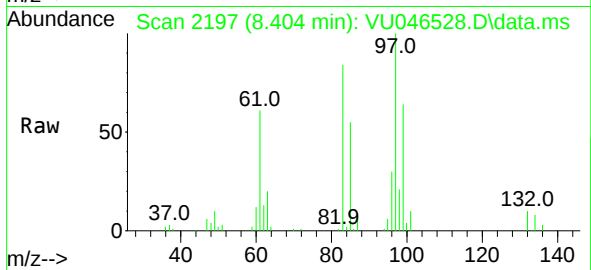
77 32.3 22.7 42.3



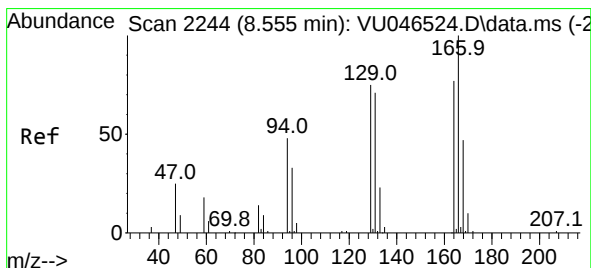
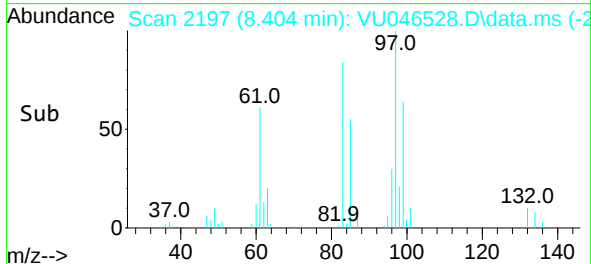
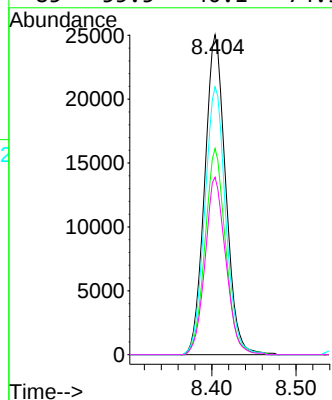


#45
1,1,2-Trichloroethane
Concen: 4.753 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

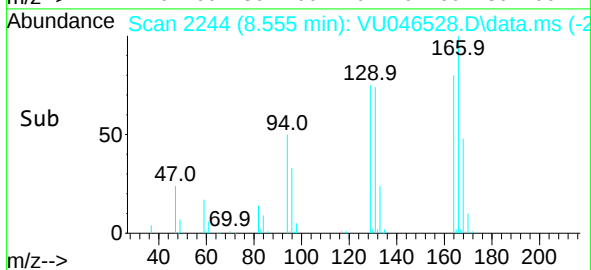
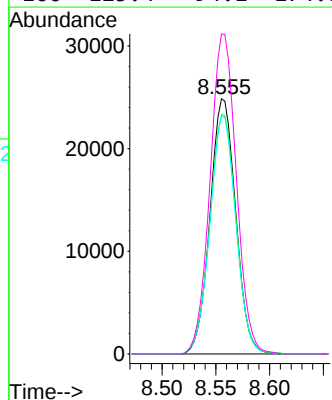
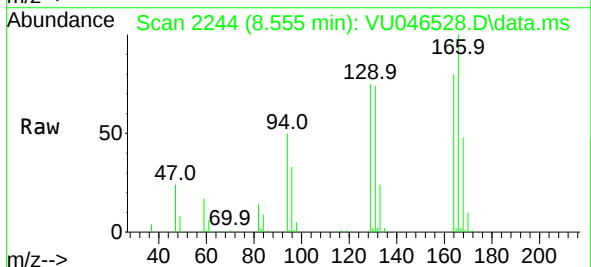


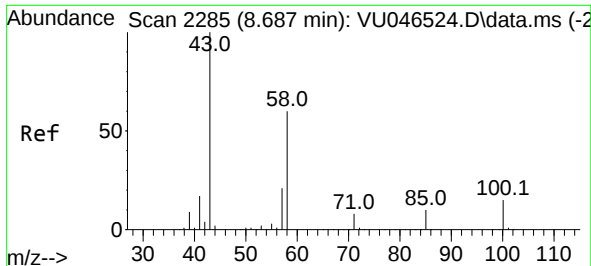
Tgt Ion: 97	Resp: 43425
Ion Ratio	Lower Upper
97 100	
99 64.4	42.3 78.5
83 83.7	62.0 115.2
85 55.5	40.1 74.5



#47
Tetrachloroethene
Concen: 5.326 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

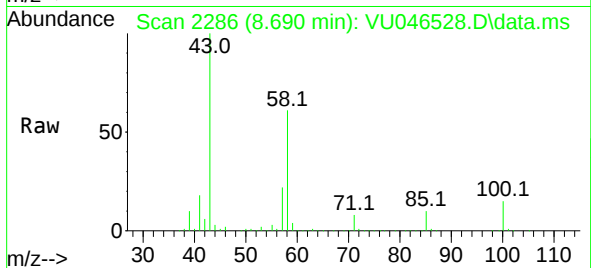
Tgt	Ion:164	Resp:	41262
Ion	Ratio	Lower	Upper
164	100		
129	93.8	71.8	133.4
131	93.2	68.5	127.3
166	125.4	94.1	174.8



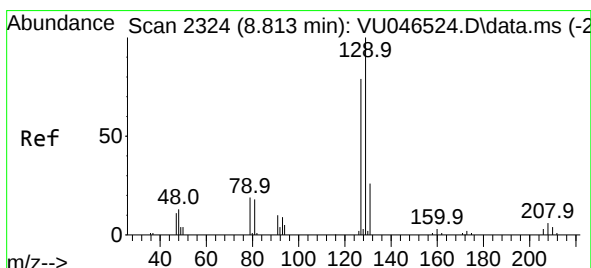
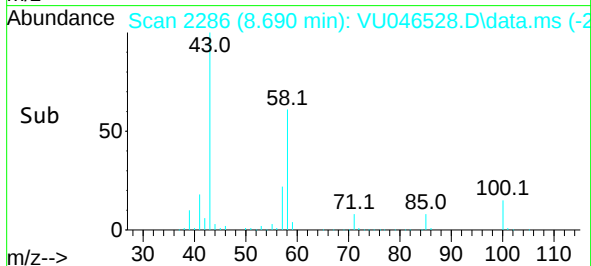
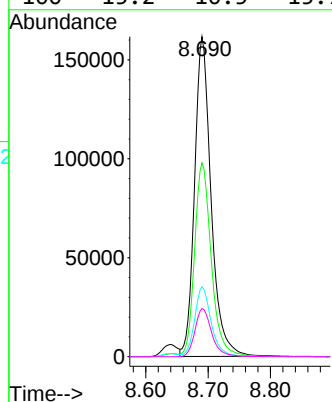


#48
2-Hexanone
Concen: 50.117 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

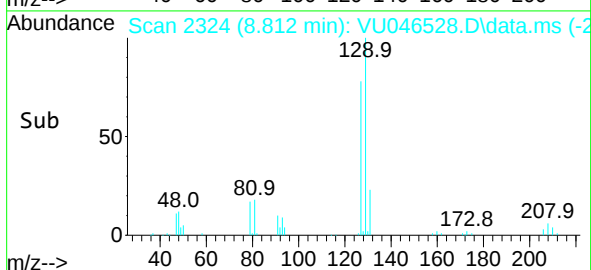
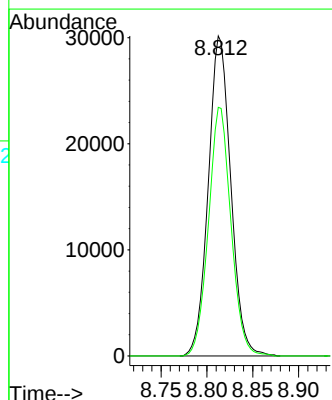
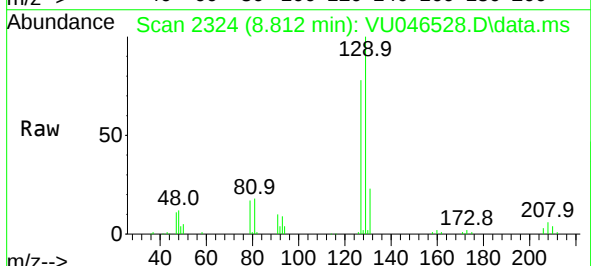


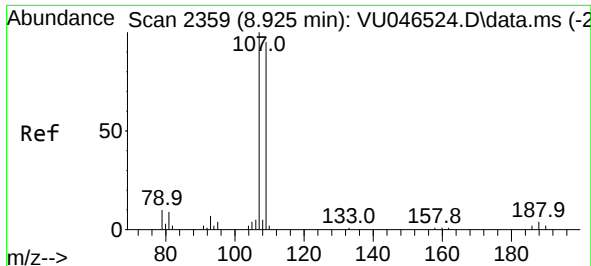
Tgt Ion: 43 Resp: 297637
Ion Ratio Lower Upper
43 100
58 61.5 46.7 70.1
57 22.0 16.3 24.5
100 15.2 10.5 15.7



#49
Dibromochloromethane
Concen: 4.891 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion: 129 Resp: 51541
Ion Ratio Lower Upper
129 100
127 77.7 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.961 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046528.D

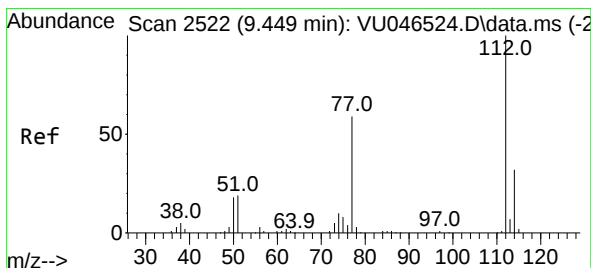
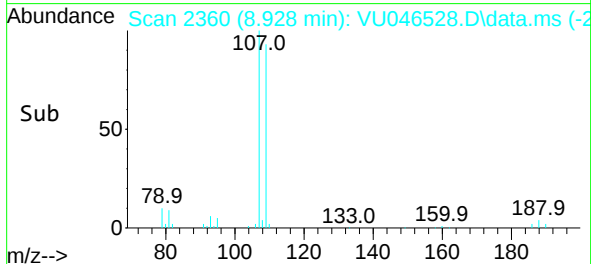
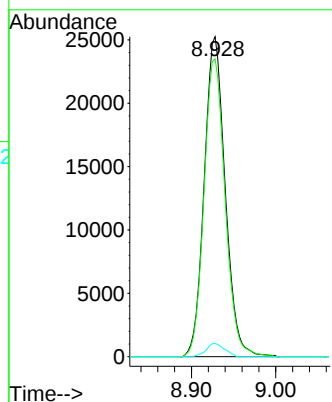
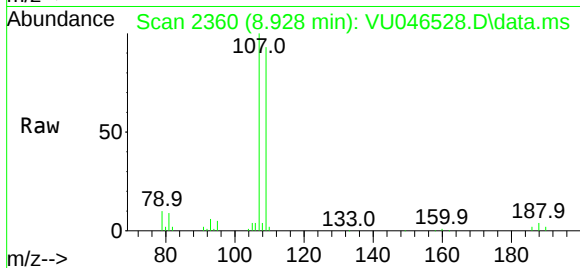
Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	43748
Ion Ratio	Lower	Upper
107	100	
109	93.1	64.0 119.0
188	4.1	2.4 3.6#



#51

Chlorobenzene

Concen: 5.052 ug/L

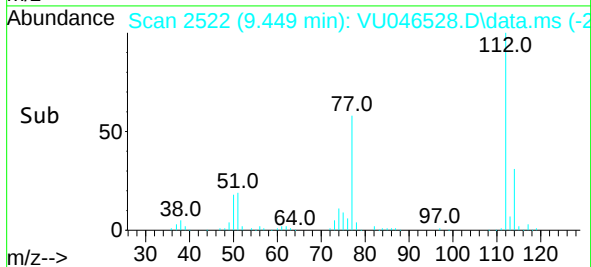
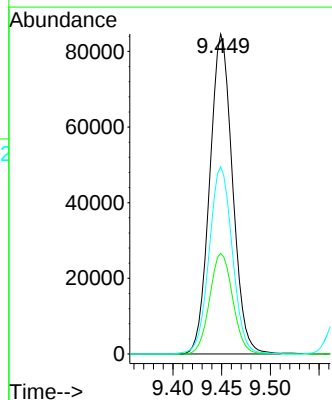
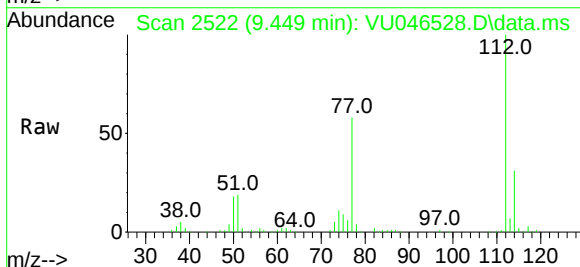
RT: 9.449 min Scan# 2522

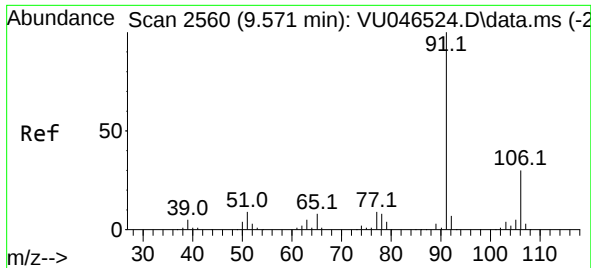
Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Tgt Ion:112	Resp:	137653
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.1 41.1
77	58.5	48.3 72.5

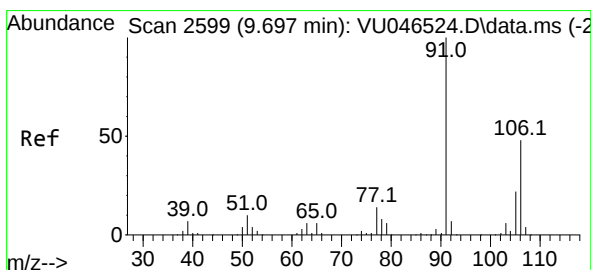
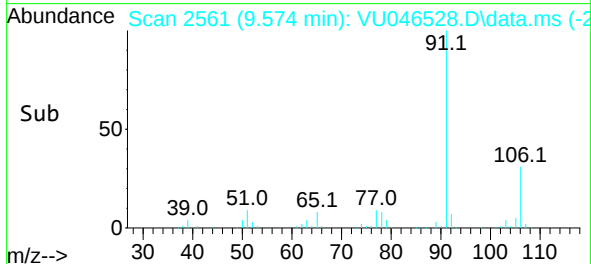
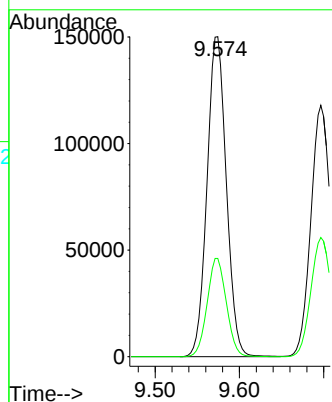
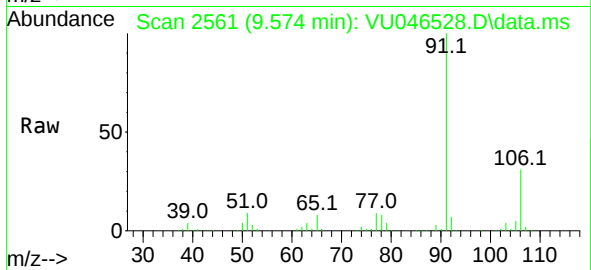




#52
Ethylbenzene
Concen: 5.427 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

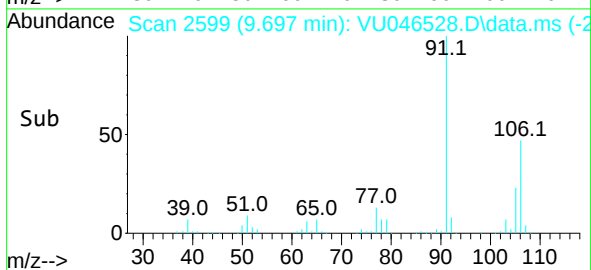
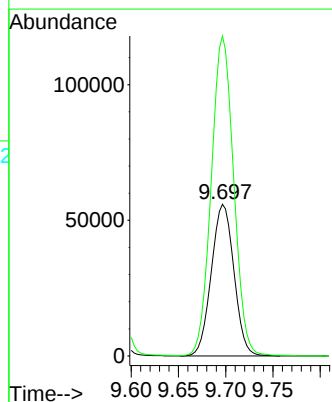
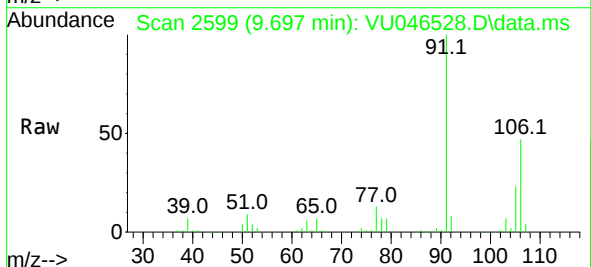
Instrument :
MSVOA_U
ClientSampleId :

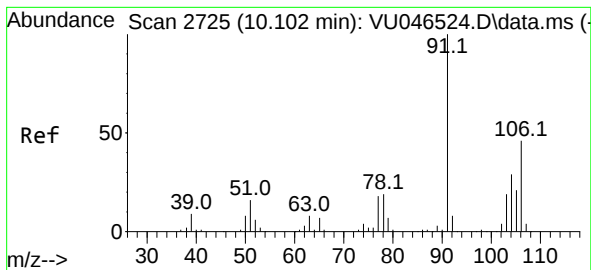
Tgt Ion: 91 Resp: 239469
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.510 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion:106 Resp: 93137
Ion Ratio Lower Upper
106 100
91 211.0 139.4 259.0





#54

o-Xylene

Concen: 5.537 ug/L

RT: 10.105 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

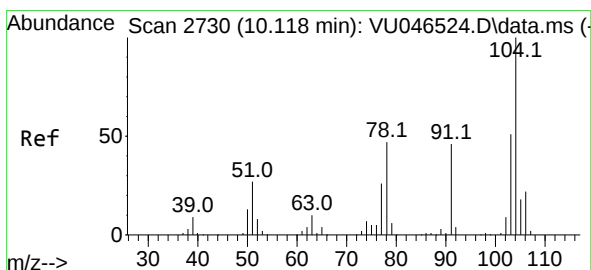
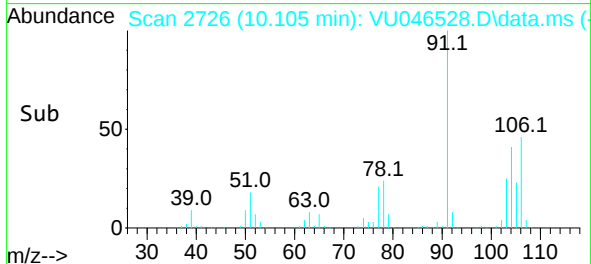
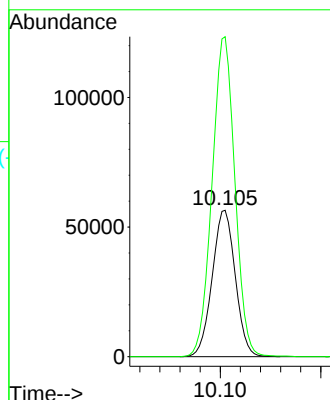
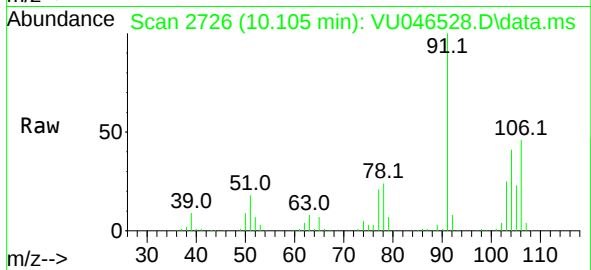
ClientSampleId :

Tgt Ion:106 Resp: 89941

Ion Ratio Lower Upper

106 100

91 218.5 147.5 273.9



#55

Styrene

Concen: 5.543 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046528.D

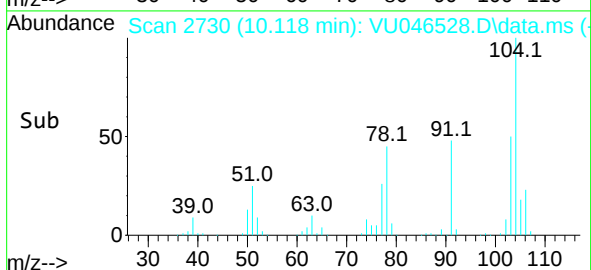
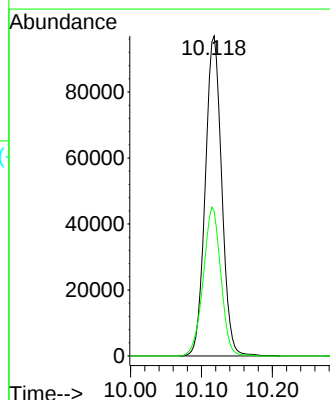
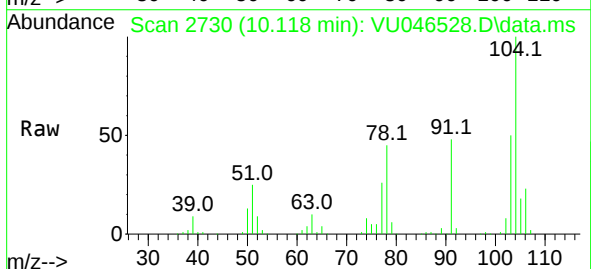
Acq: 21 Dec 2021 16:10

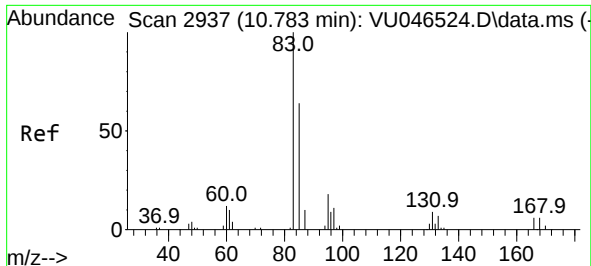
Tgt Ion:104 Resp: 156156

Ion Ratio Lower Upper

104 100

78 45.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.823 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

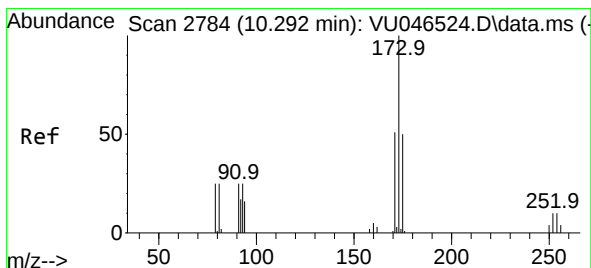
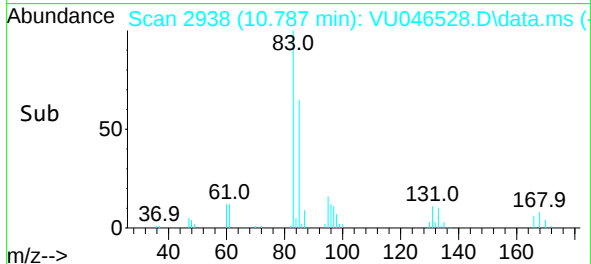
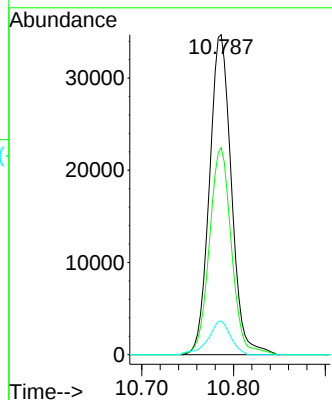
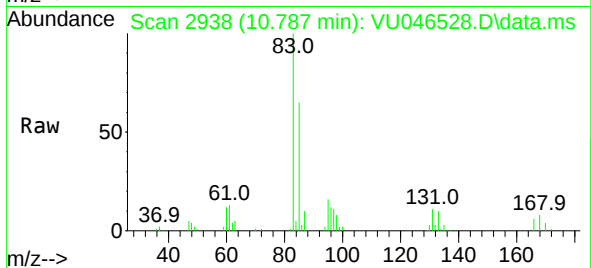
Tgt Ion: 83 Resp: 57584

Ion Ratio Lower Upper

83 100

85 64.7 47.9 89.1

131 10.6 8.1 12.1



#59

Bromoform

Concen: 4.812 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

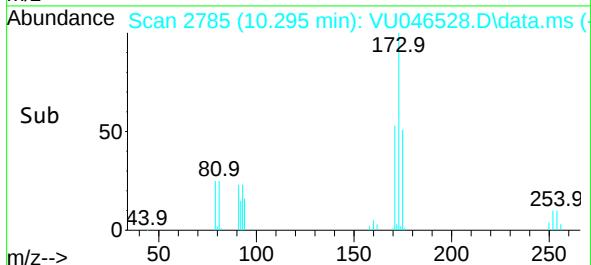
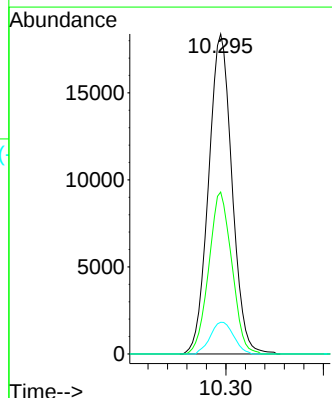
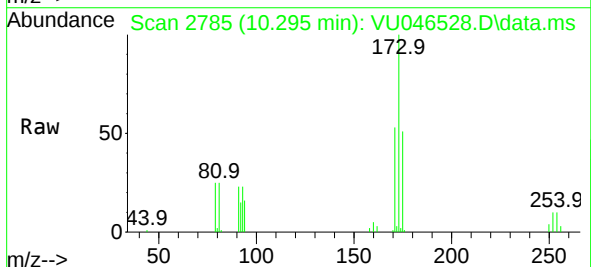
Tgt Ion:173 Resp: 30693

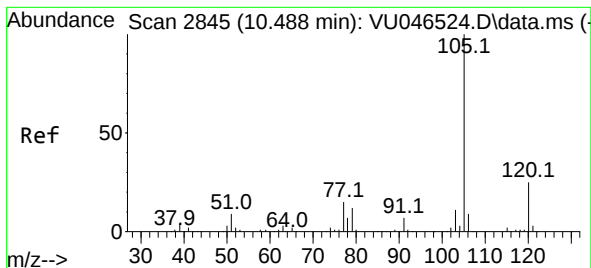
Ion Ratio Lower Upper

173 100

175 49.7 37.8 56.6

254 9.9 7.3 10.9





#60

Isopropylbenzene

Concen: 5.651 ug/L

RT: 10.487 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

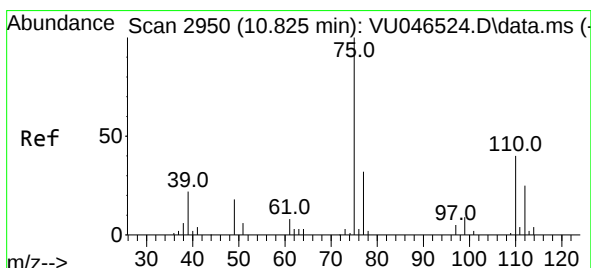
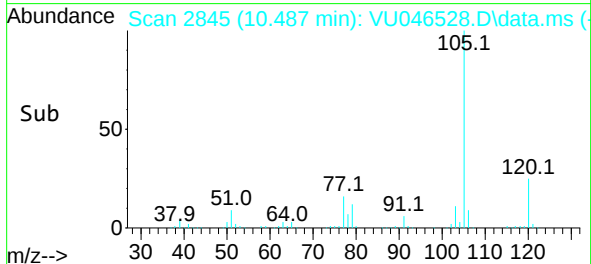
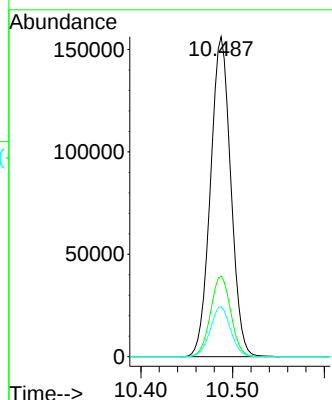
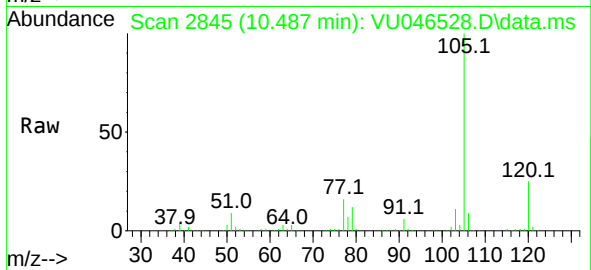
Tgt Ion:105 Resp: 240589

Ion Ratio Lower Upper

105 100

120 25.2 20.7 31.1

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.729 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

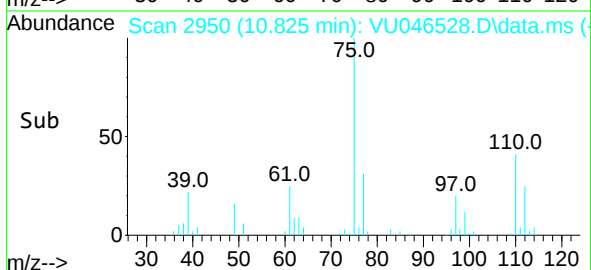
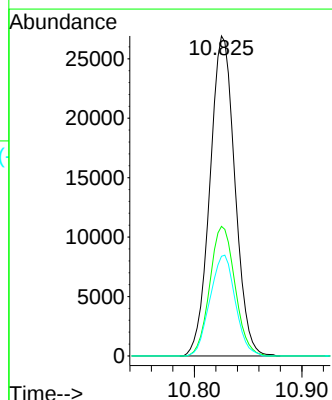
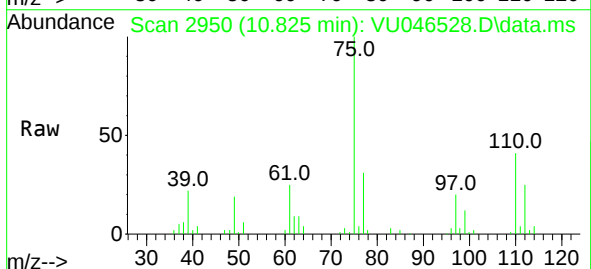
Tgt Ion: 75 Resp: 43363

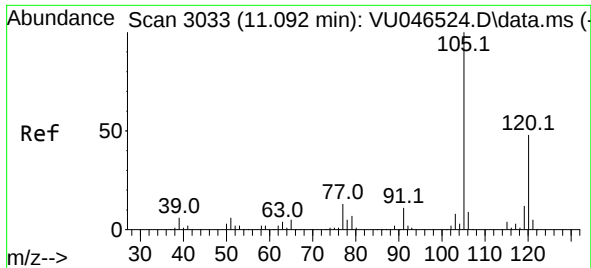
Ion Ratio Lower Upper

75 100

110 40.9 29.9 44.9

77 32.0 25.5 38.3

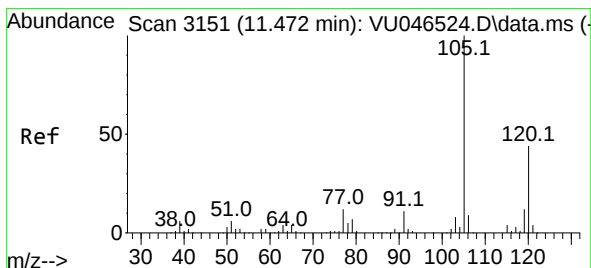
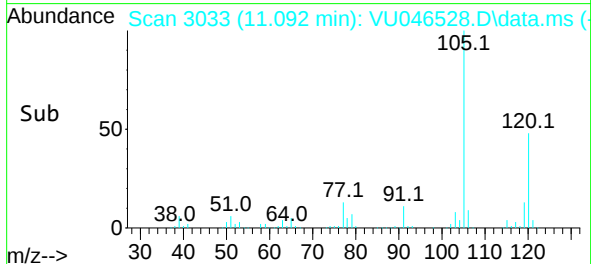
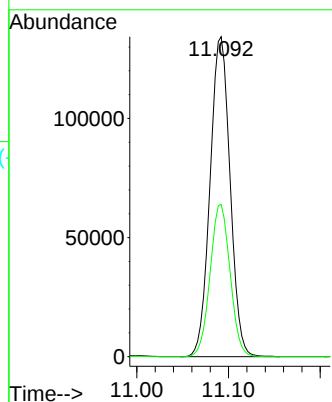
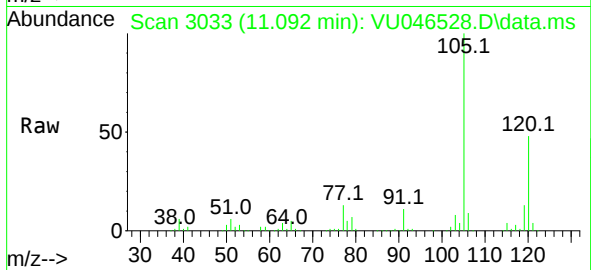




#62
1,3,5-Trimethylbenzene
Concen: 5.741 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

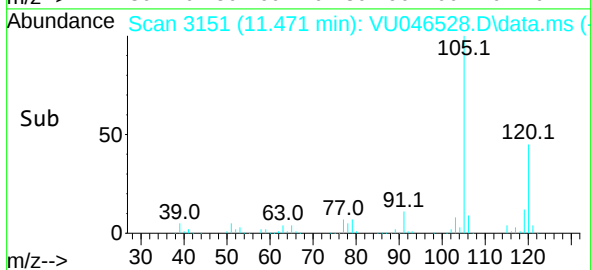
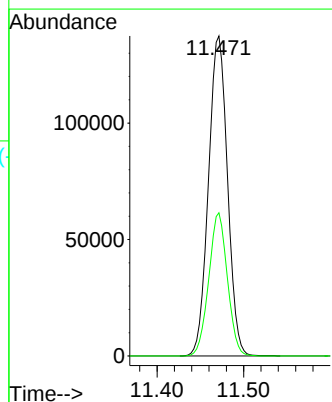
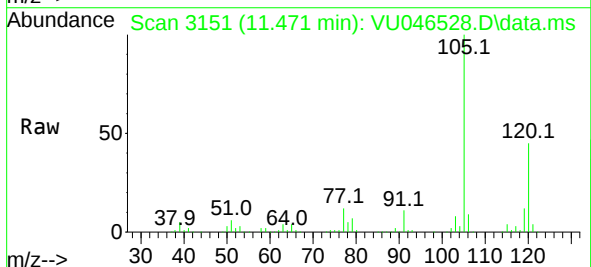
Instrument :
MSVOA_U
ClientSampleId :

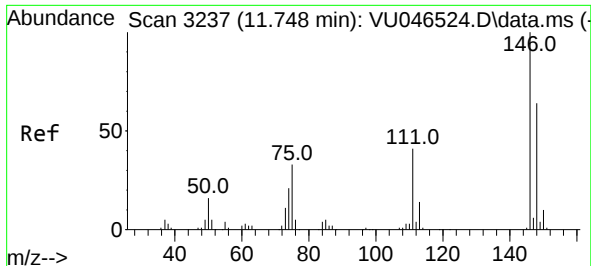
Tgt Ion:105 Resp: 203277
Ion Ratio Lower Upper
105 100
120 47.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.883 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

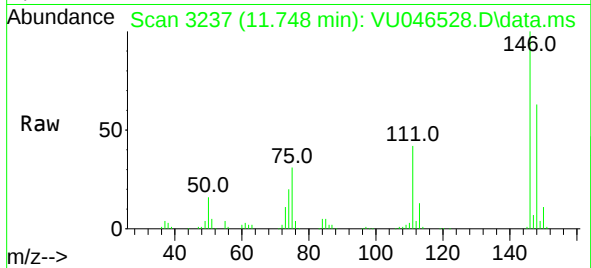
Tgt Ion:105 Resp: 209783
Ion Ratio Lower Upper
105 100
120 43.8 35.8 53.8



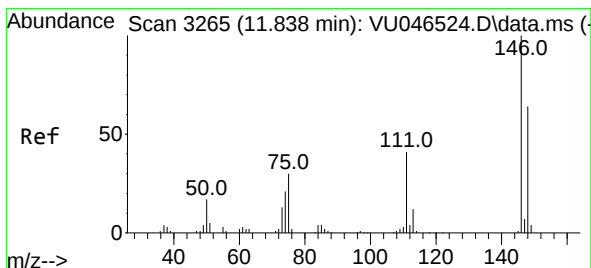
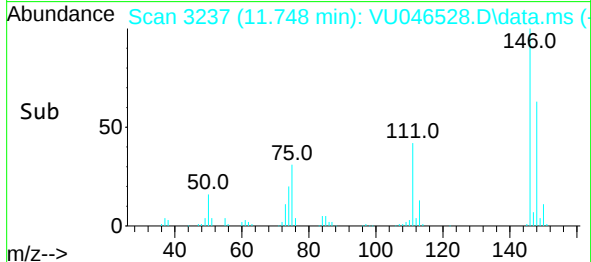
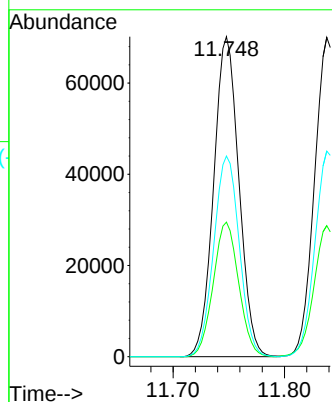


#64
1,3-Dichlorobenzene
Concen: 5.331 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

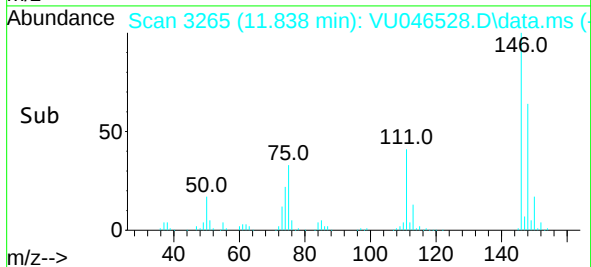
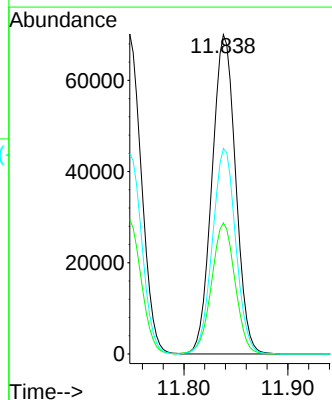
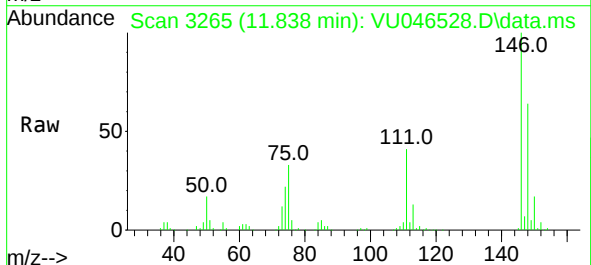


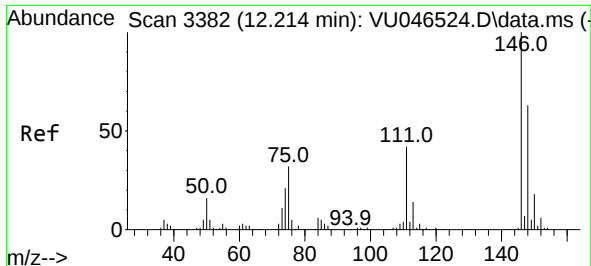
Tgt Ion:146 Resp: 110329
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.227 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

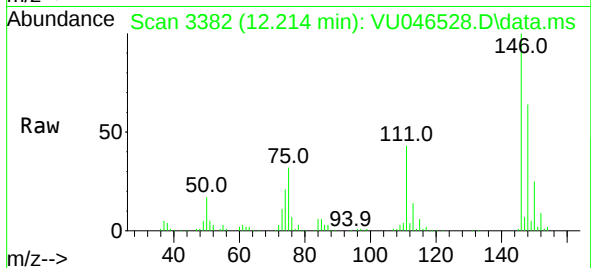
Tgt Ion:146 Resp: 110741
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 64.4 45.8 85.0



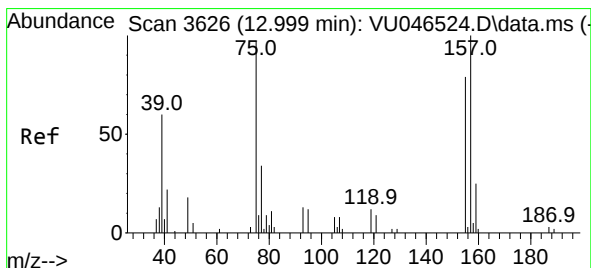
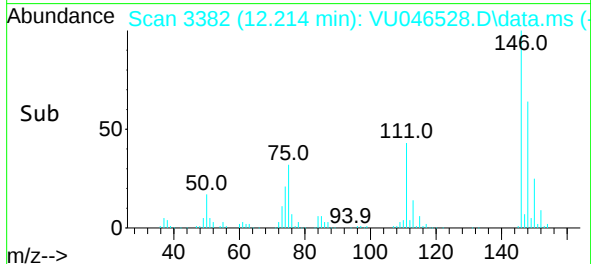
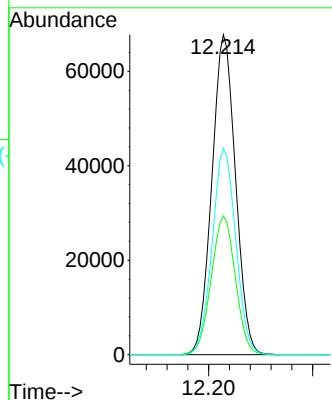


#67
1,2-Dichlorobenzene
Concen: 5.152 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

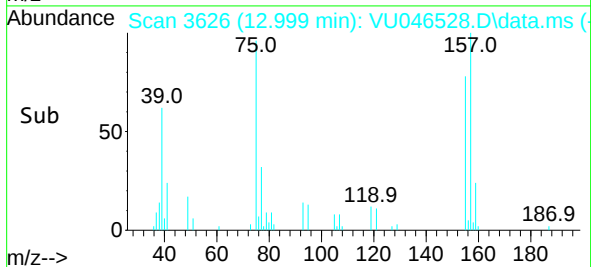
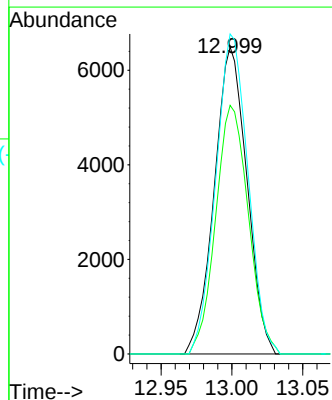
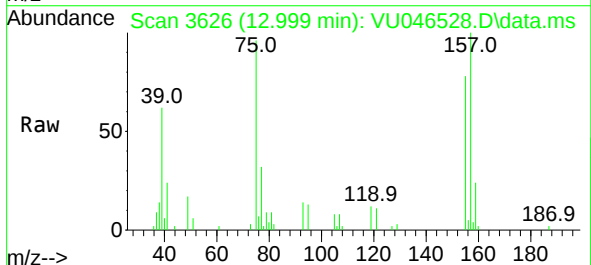


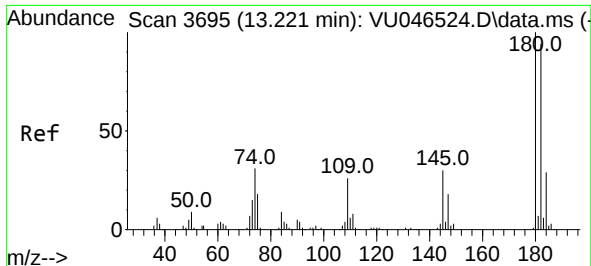
Tgt Ion:146 Resp: 106950
Ion Ratio Lower Upper
146 100
111 43.3 35.4 53.0
148 64.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.903 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion: 75 Resp: 10406
Ion Ratio Lower Upper
75 100
155 81.0 59.2 88.8
157 104.2 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.535 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 86704

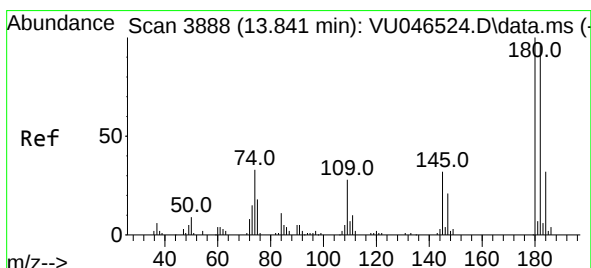
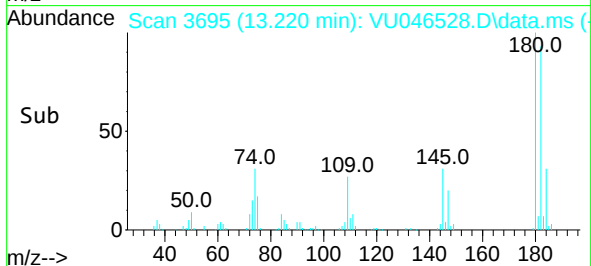
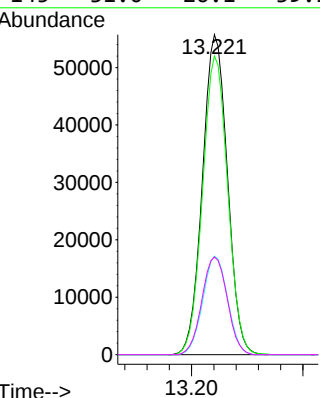
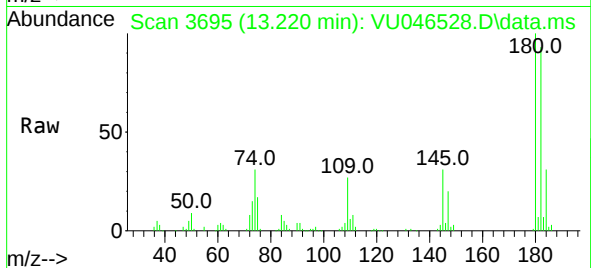
Ion Ratio Lower Upper

180 100

182 93.9 76.1 114.1

184 30.7 25.0 37.4

145 31.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.542 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046528.D

Acq: 21 Dec 2021 16:10

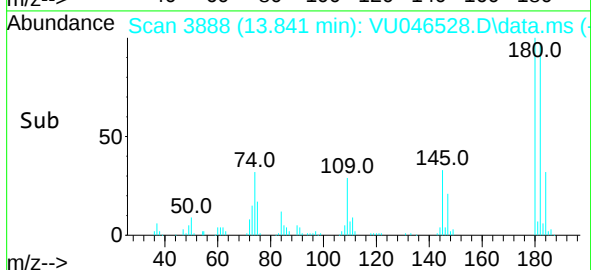
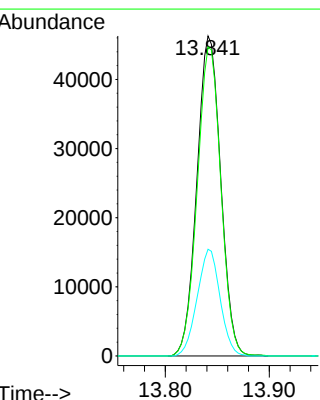
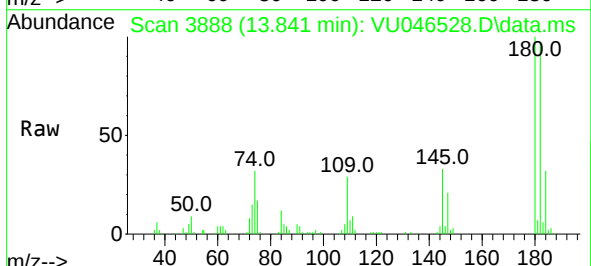
Tgt Ion:180 Resp: 73530

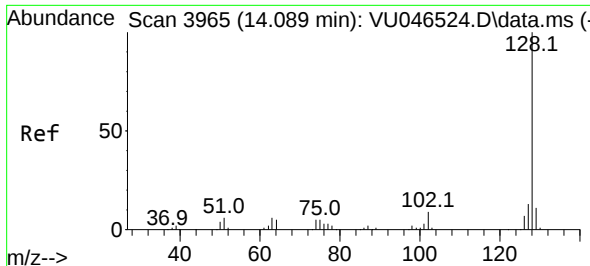
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

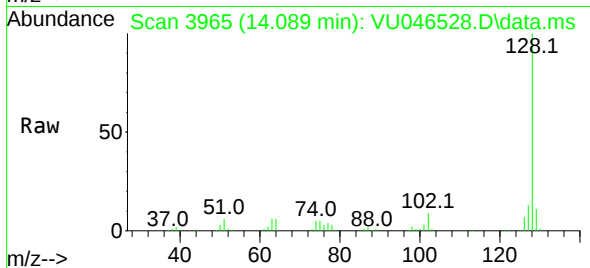
145 32.1 25.6 38.4



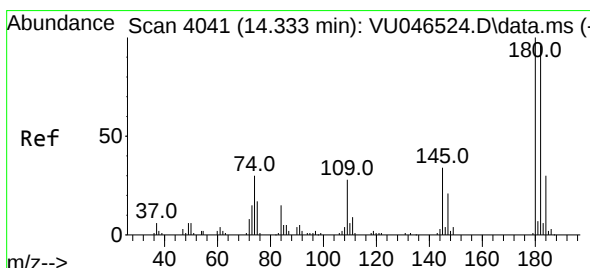
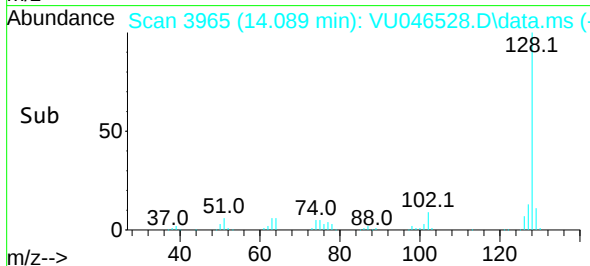
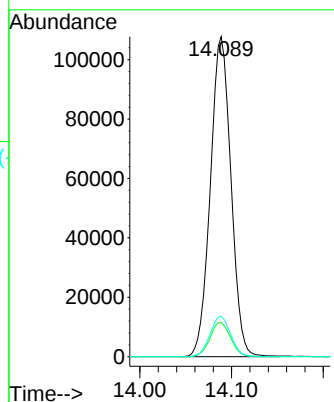


#71
Naphthalene
Concen: 5.706 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 168130
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.492 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU046528.D
Acq: 21 Dec 2021 16:10

Tgt Ion:180 Resp: 72130
Ion Ratio Lower Upper
180 100
182 97.0 76.2 114.4
145 35.0 28.4 42.6

