

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045828.D
 Acq On : 17 Nov 2021 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:08:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26786	3.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	22391	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.575	65	11629	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.655	46	111538	59.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.500%
24) Chloroform-d	5.070	84	50506	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.710	65	31876	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	102731	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.693	67	34609	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.902	98	94742	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.182	79	15143	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.639	63	84054	57.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.100%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36295	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37798	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	37742	5.272	ug/L	99
3) Chloromethane	1.523	50	38830	5.118	ug/L	97
5) Vinyl chloride	1.607	62	40643	5.338	ug/L	96
6) Bromomethane	1.864	94	23634	5.233	ug/L	95
8) Chloroethane	1.941	64	24207	5.576	ug/L	99
9) Trichlorofluoromethane	2.147	101	53537	5.446	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31275	5.426	ug/L	98
12) 1,1-Dichloroethene	2.588	96	29587	5.436	ug/L	83
13) Acetone	2.671	43	73145	66.569	ug/L	90
14) Carbon disulfide	2.800	76	87459	5.081	ug/L	99
15) Methyl Acetate	2.967	43	14988	5.559	ug/L	93
16) Methylene chloride	3.054	84	35149	4.374	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	80539	5.684	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	30431	5.216	ug/L	98
19) 1,1-Dichloroethane	3.877	63	58016	5.308	ug/L	99
21) 2-Butanone	4.729	43	123943	67.041	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	33620	5.315	ug/L	97
23) Bromochloromethane	4.980	128	16301	5.912	ug/L	97
25) Chloroform	5.095	83	67091	5.658	ug/L	95

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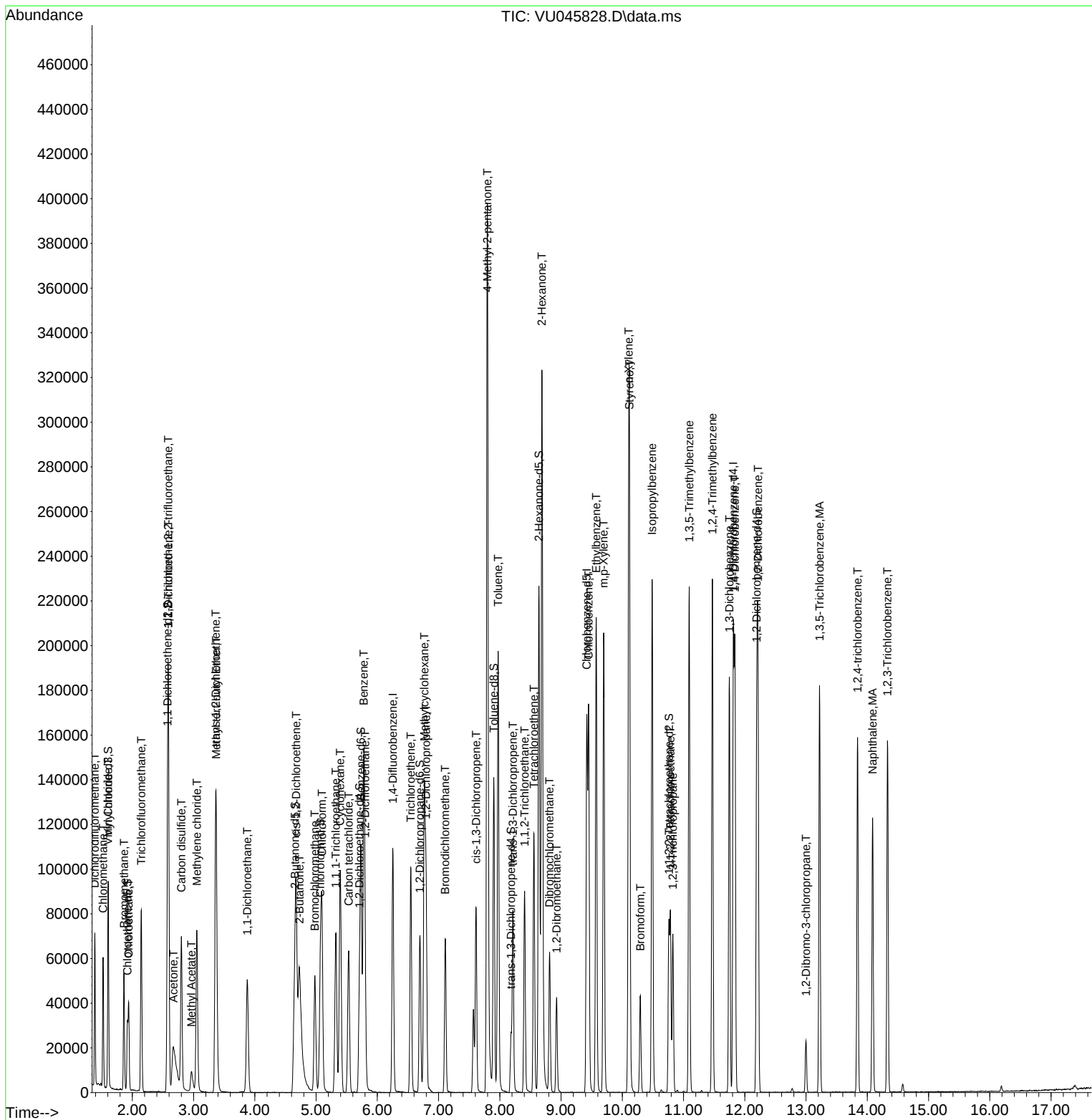
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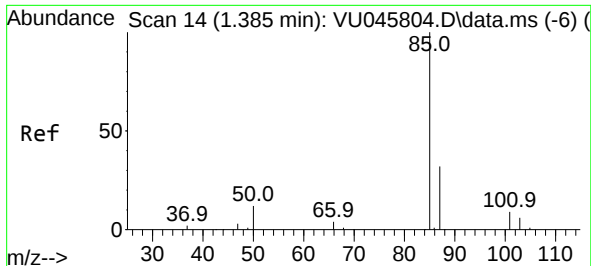
Quant Time: Nov 18 02:08:41 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42550	5.624	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	51798	5.177	ug/L	99
30) Cyclohexane	5.394	56	48468	4.884	ug/L	100
31) Carbon tetrachloride	5.533	117	44297	5.265	ug/L	99
33) Benzene	5.780	78	131339	5.111	ug/L	100
34) Trichloroethene	6.546	95	34692	5.238	ug/L	98
35) Methylcyclohexane	6.767	83	50628	4.978	ug/L	99
37) 1,2-Dichloropropane	6.796	63	35920	5.311	ug/L	100
38) Bromodichloromethane	7.108	83	45175	5.414	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	50212	5.225	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	275016	61.997	ug/L	98
42) Toluene	7.973	91	143152	5.396	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	46291	5.537	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	29278	5.831	ug/L	97
47) Tetrachloroethene	8.555	164	25758	5.555	ug/L	95
48) 2-Hexanone	8.687	43	210944	65.824	ug/L	99
49) Dibromochloromethane	8.812	129	32622	5.705	ug/L	98
50) 1,2-Dibromoethane	8.928	107	27818	5.881	ug/L #	97
51) Chlorobenzene	9.449	112	89965	5.407	ug/L	99
52) Ethylbenzene	9.574	91	150494	5.420	ug/L	98
53) m,p-Xylene	9.697	106	58761	5.525	ug/L	93
54) o-Xylene	10.105	106	57211	5.574	ug/L	97
55) Styrene	10.118	104	100669	5.826	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	38417	5.974	ug/L	97
59) Bromoform	10.295	173	18595	5.686	ug/L	97
60) Isopropylbenzene	10.488	105	152578	5.263	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29403	5.736	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	121436	5.123	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	124964	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	73161	5.410	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75036	5.462	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71474	5.512	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	6075	5.697	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	54237	5.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	46602	5.444	ug/L	100
71) Naphthalene	14.089	128	97174	5.525	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	45454	5.336	ug/L	98

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

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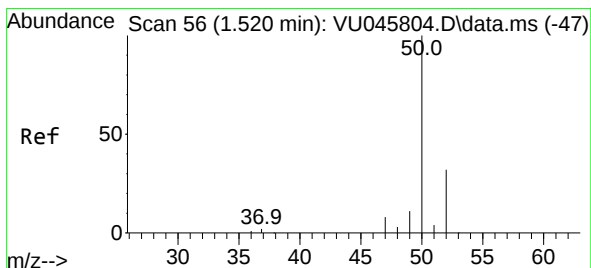
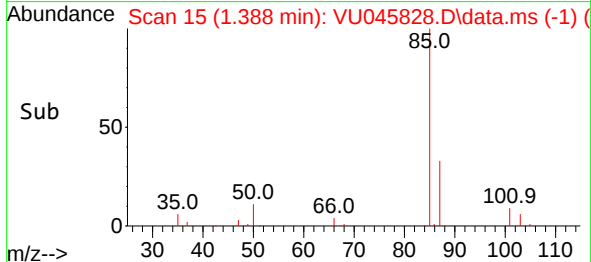
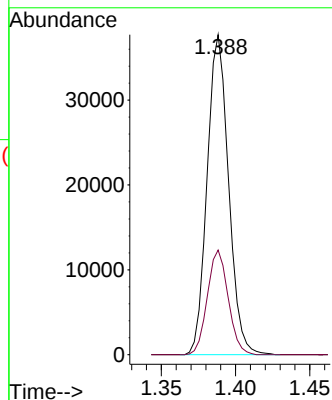
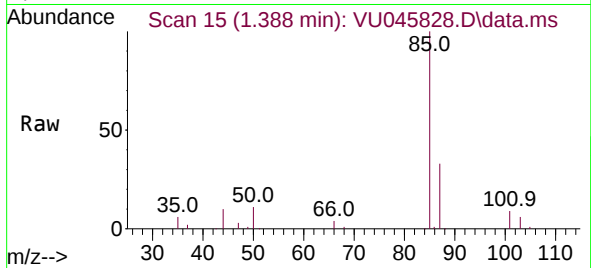




#2
Dichlorodifluoromethane
Concen: 5.272 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

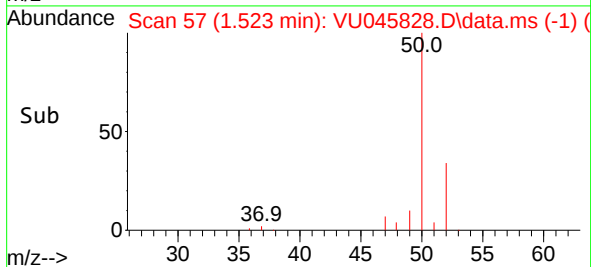
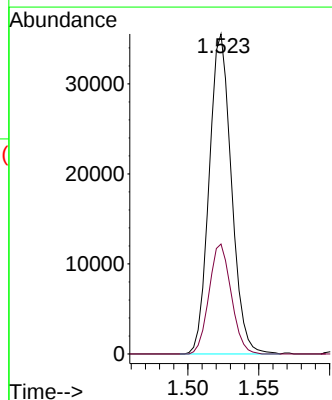
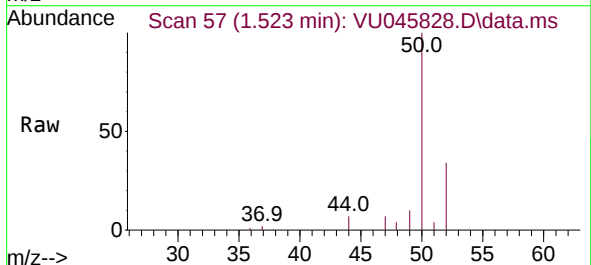
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MSVOA_U
ClientSampleId :

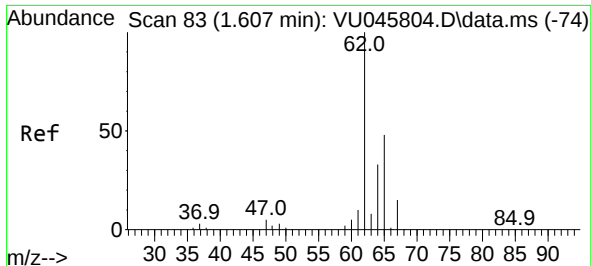
Tgt Ion: 85 Resp: 37742
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.6



#3
Chloromethane
Concen: 5.118 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 50 Resp: 38830
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.8

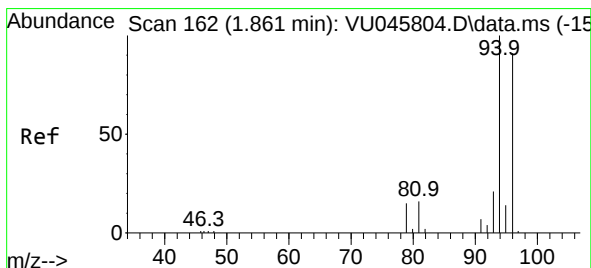
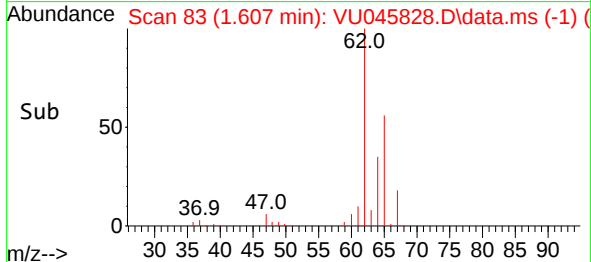
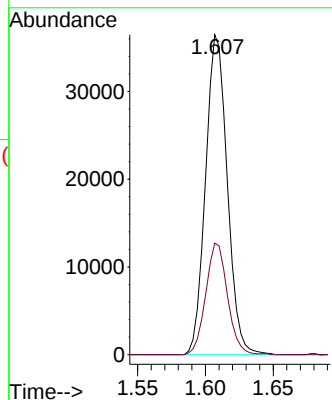
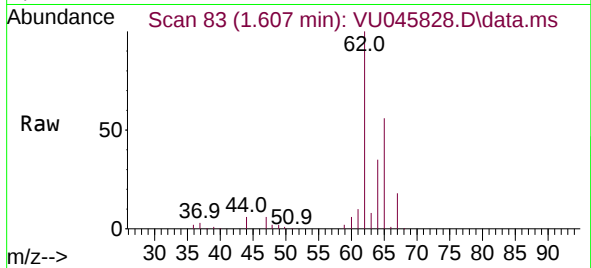




#5
 Vinyl chloride
 Concen: 5.338 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

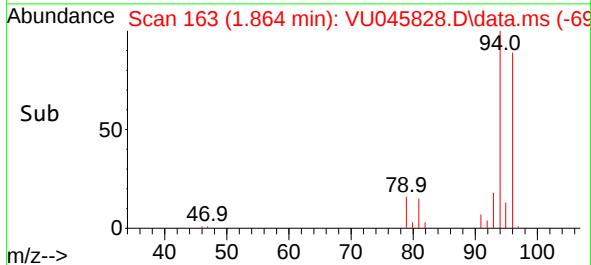
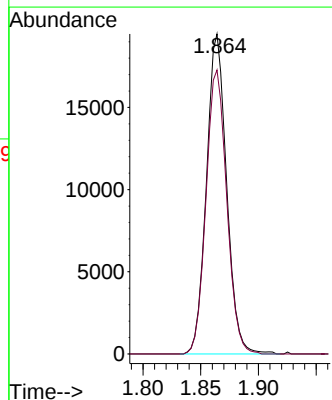
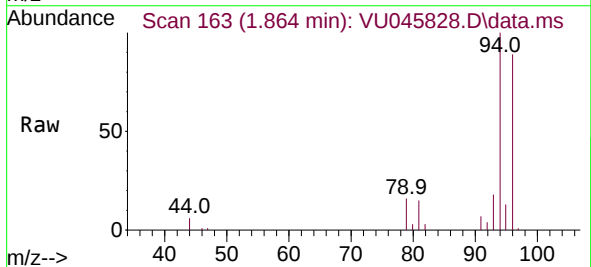
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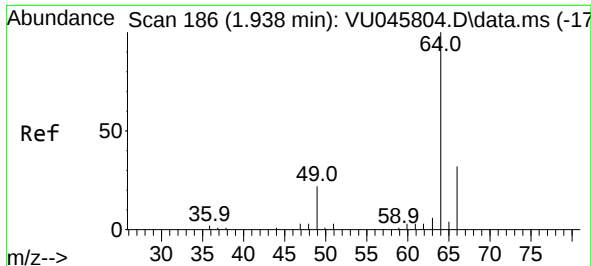
Tgt Ion: 62 Resp: 40643
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.9 42.5



#6
 Bromomethane
 Concen: 5.233 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

Tgt Ion: 94 Resp: 23634
 Ion Ratio Lower Upper
 94 100
 96 88.7 65.5 121.6

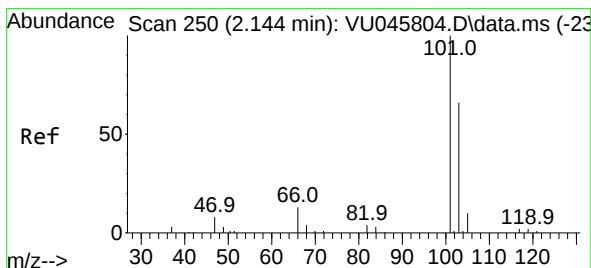
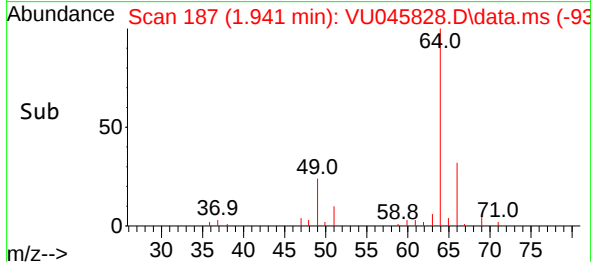
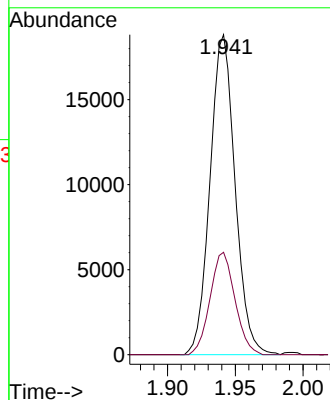
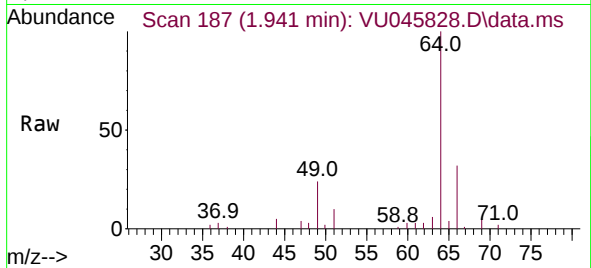




#8
Chloroethane
Concen: 5.576 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

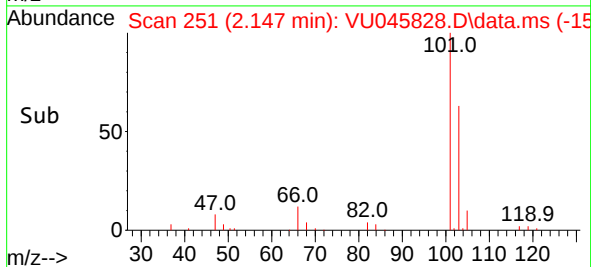
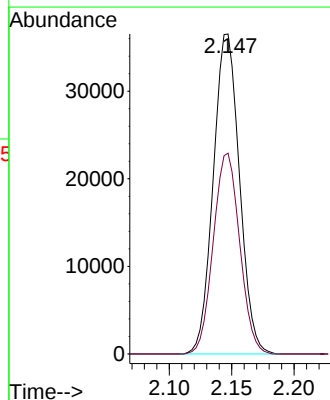
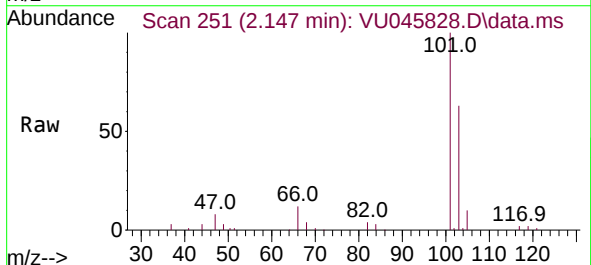
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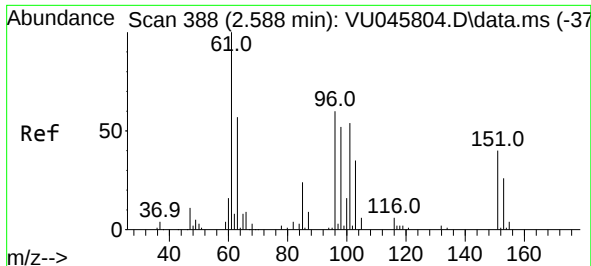
Tgt Ion: 64 Resp: 24207
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.446 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion:101 Resp: 53537
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

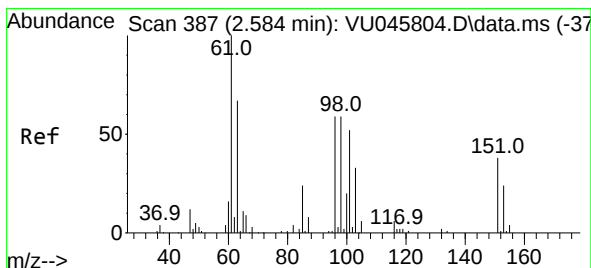
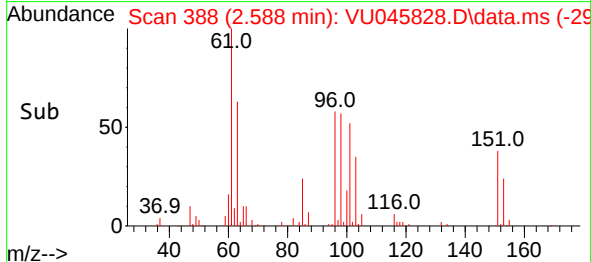
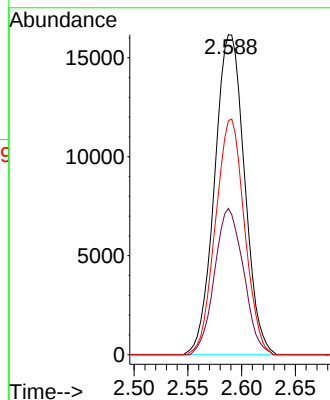
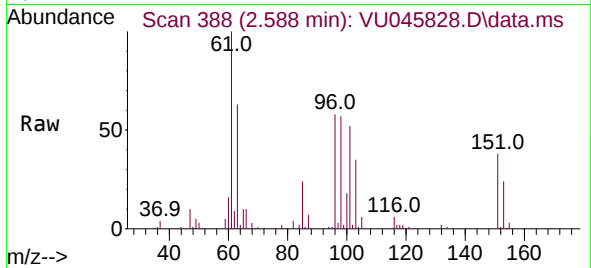




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.426 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

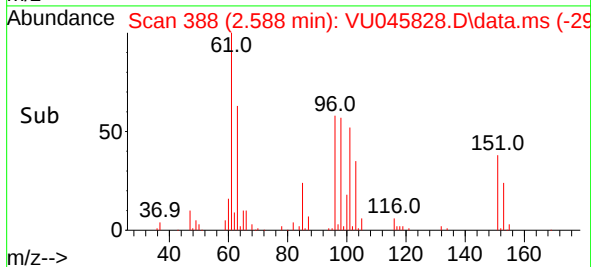
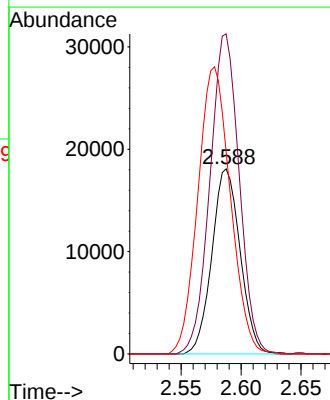
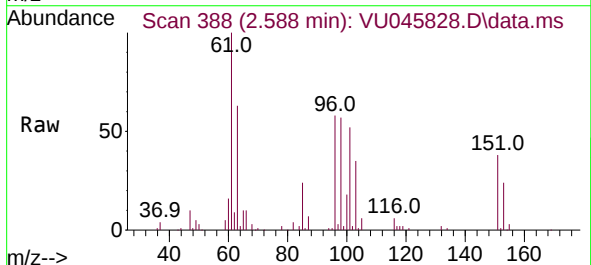
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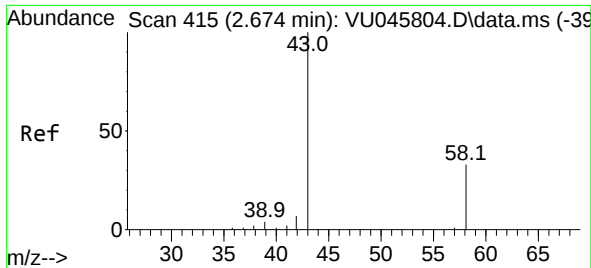
Tgt Ion:101 Resp: 31275
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 71.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.436 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

Tgt Ion: 96 Resp: 29587
 Ion Ratio Lower Upper
 96 100
 61 172.8 124.7 231.5
 63 109.2 105.2 195.4





#13

Acetone

Concen: 66.569 ug/L

RT: 2.671 min Scan# 415

Delta R.T. -0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

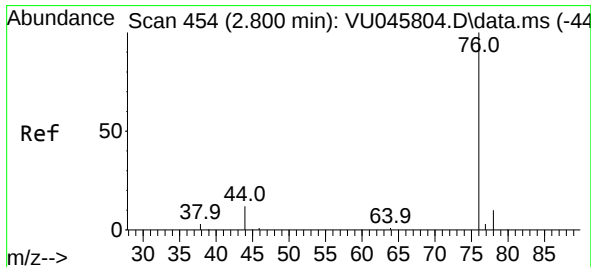
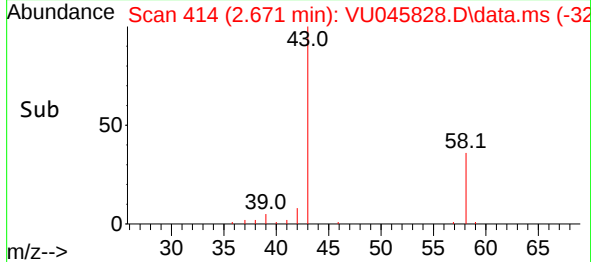
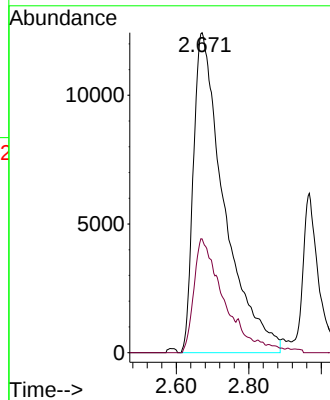
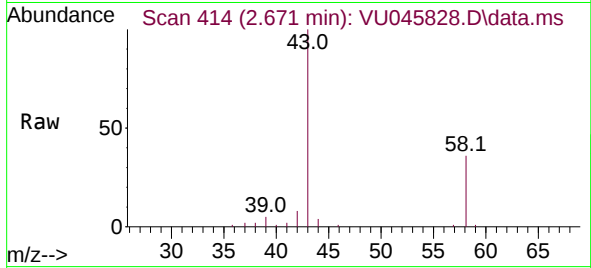
ClientSampleId :

Tgt Ion: 43 Resp: 73145

Ion Ratio Lower Upper

43 100

58 29.9 0.0 71.6



#14

Carbon disulfide

Concen: 5.081 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045828.D

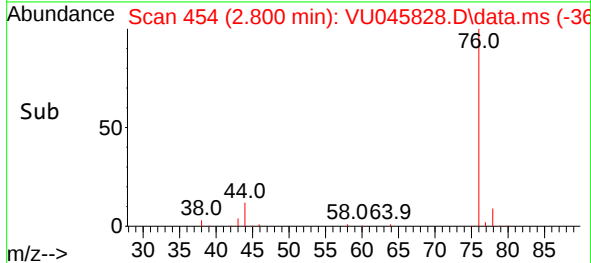
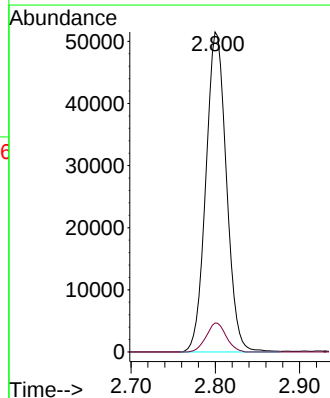
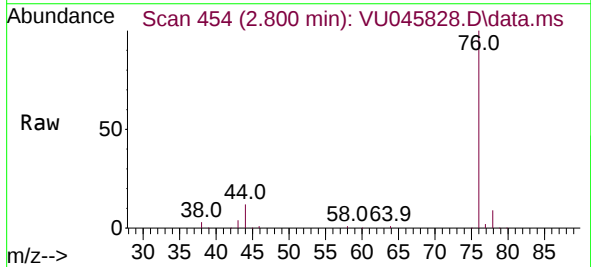
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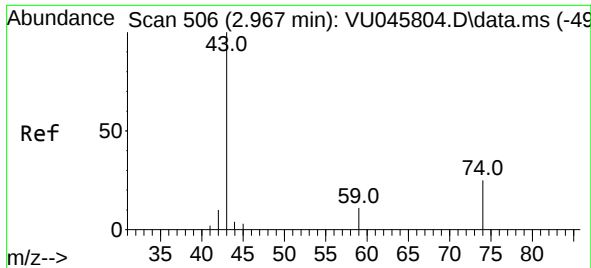
Tgt Ion: 76 Resp: 87459

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

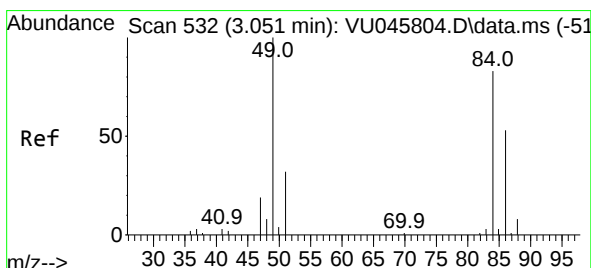
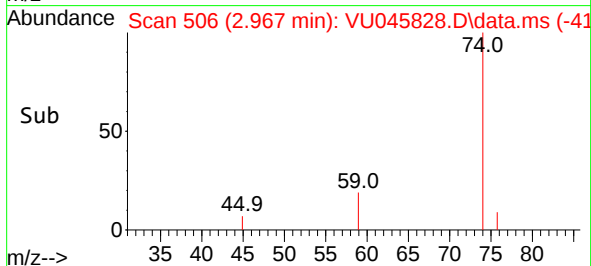
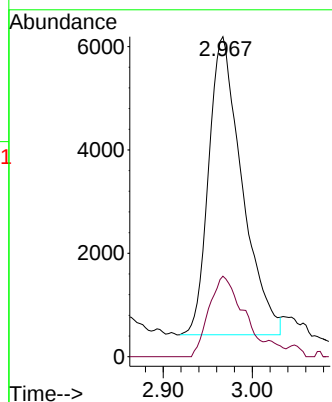
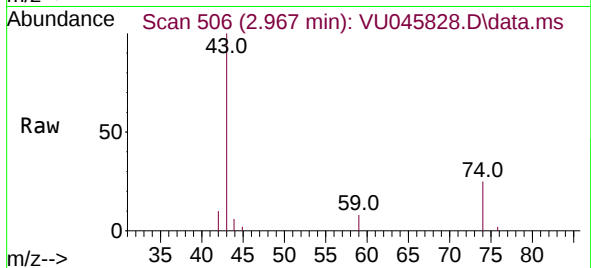




#15
Methyl Acetate
Concen: 5.559 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

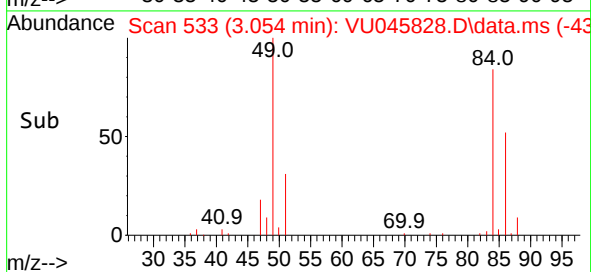
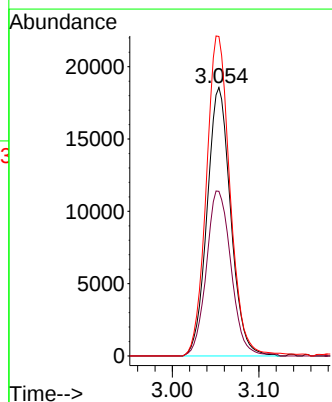
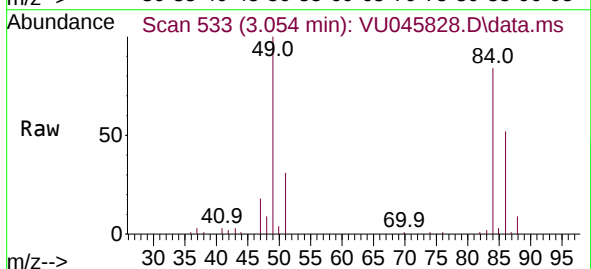
Instrument :
MSVOA_U
ClientSampleId :

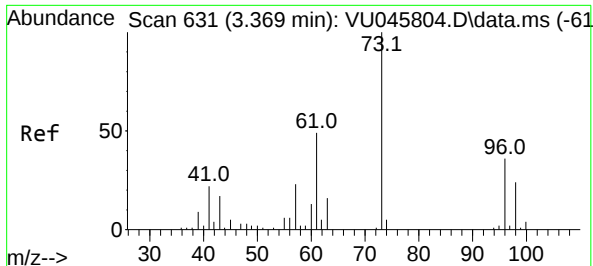
Tgt Ion: 43 Resp: 14988
Ion Ratio Lower Upper
43 100
74 27.5 19.1 28.7



#16
Methylene chloride
Concen: 4.374 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 84 Resp: 35149
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.0
49 119.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.684 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

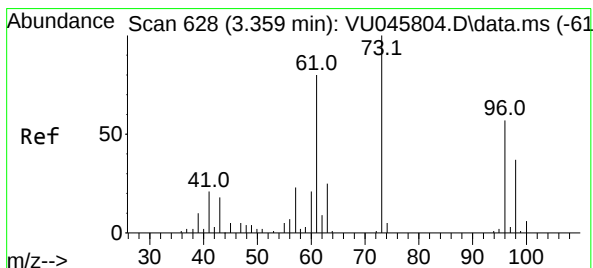
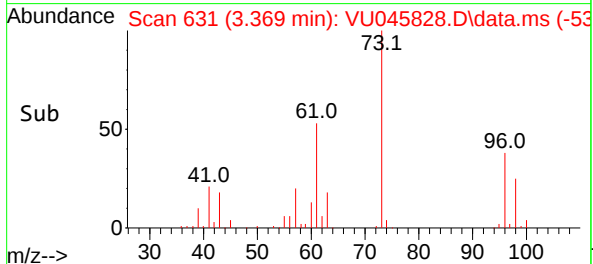
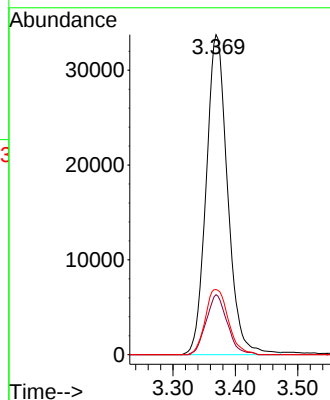
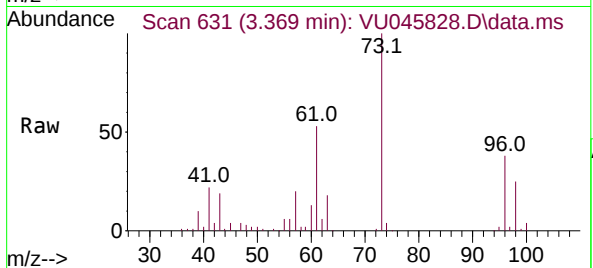
Tgt Ion: 73 Resp: 80539

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.216 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

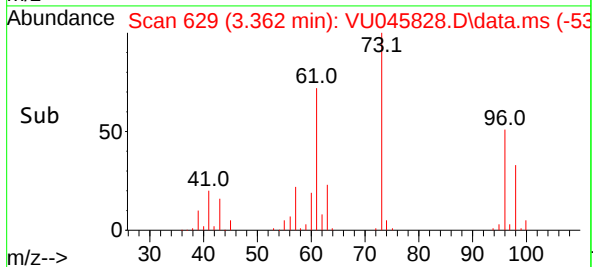
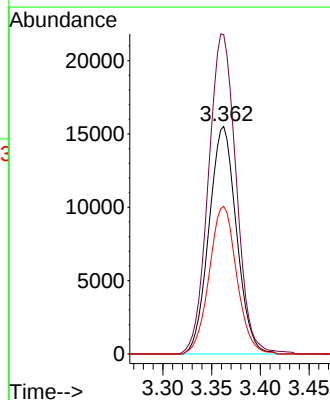
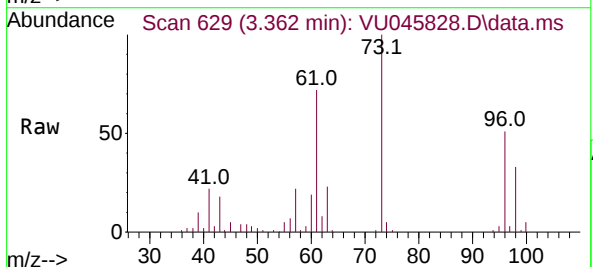
Tgt Ion: 96 Resp: 30431

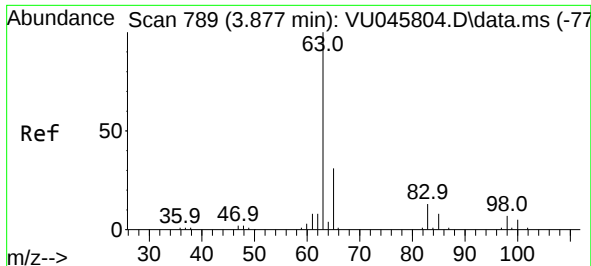
Ion Ratio Lower Upper

96 100

61 140.3 100.8 187.2

98 64.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.308 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045828.D

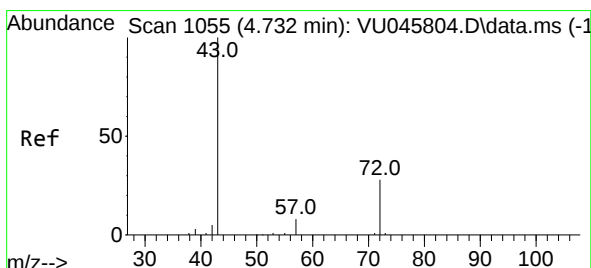
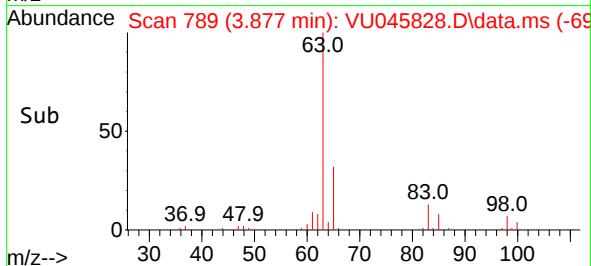
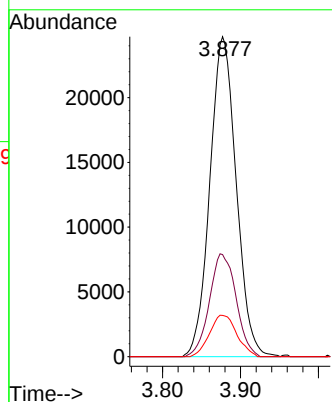
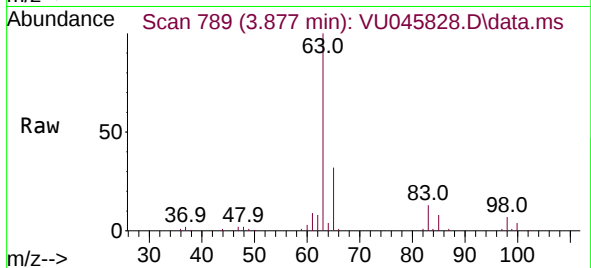
Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 58016
Ion Ratio	Lower Upper
63 100	
65 31.9	22.3 41.5
83 12.9	9.6 17.8



#21

2-Butanone

Concen: 67.041 ug/L

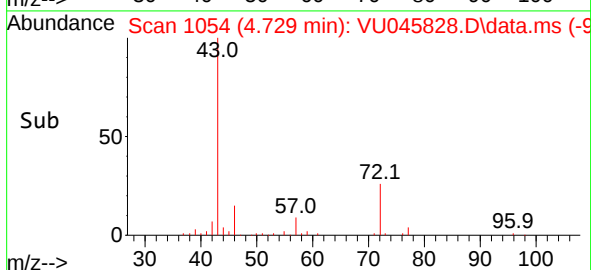
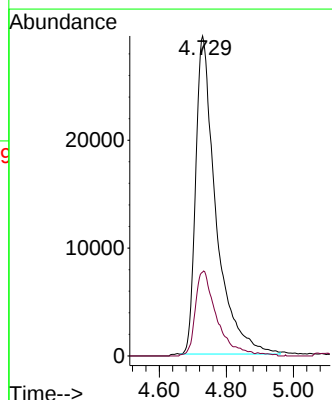
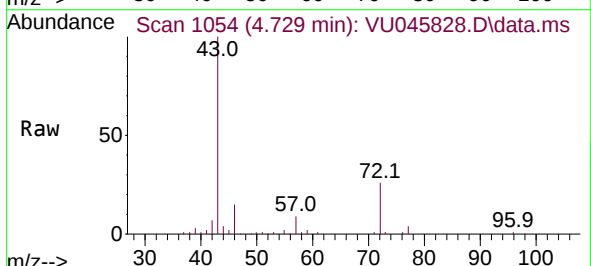
RT: 4.729 min Scan# 1054

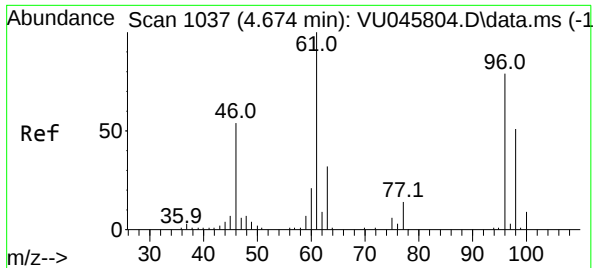
Delta R.T. -0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Tgt Ion: 43	Resp: 123943
Ion Ratio	Lower Upper
43 100	
72 28.0	14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.315 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

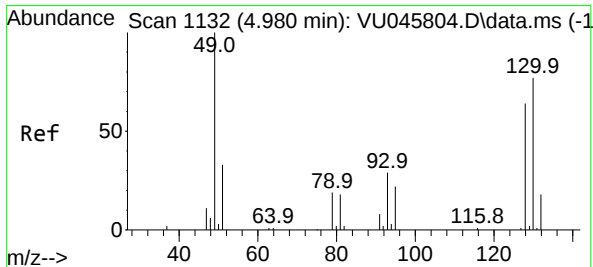
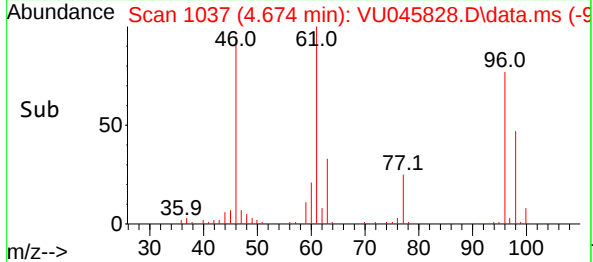
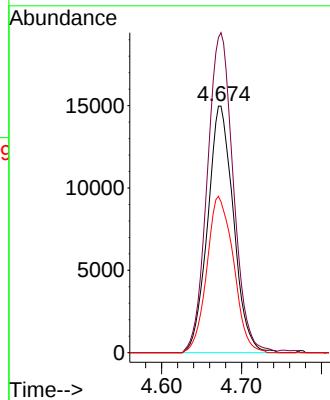
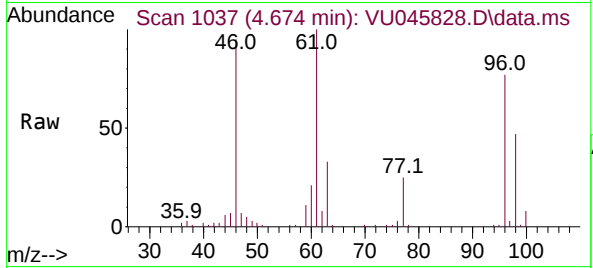
Tgt Ion: 96 Resp: 33620

Ion Ratio Lower Upper

96 100

61 129.8 88.5 164.3

98 61.2 44.4 82.5



#23

Bromochloromethane

Concen: 5.912 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Tgt Ion: 128 Resp: 16301

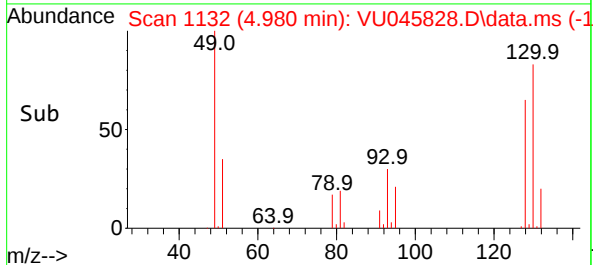
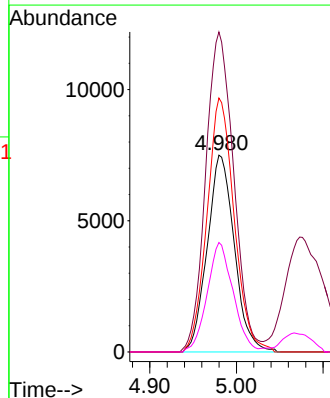
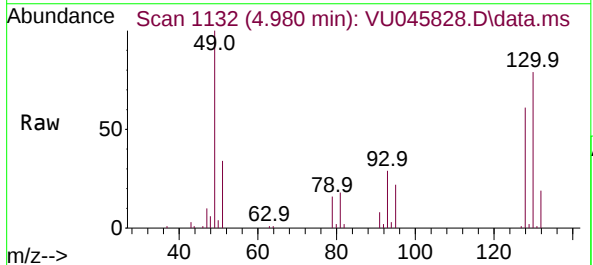
Ion Ratio Lower Upper

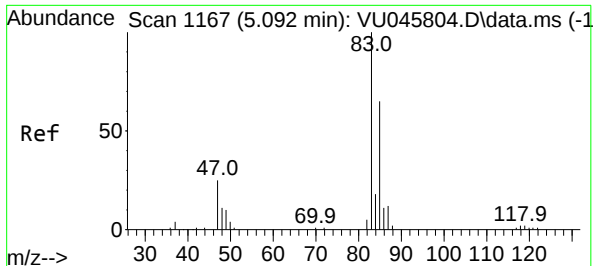
128 100

49 162.6 117.0 217.2

130 129.0 88.2 163.8

51 55.6 42.5 63.7





#25

Chloroform

Concen: 5.658 ug/L

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

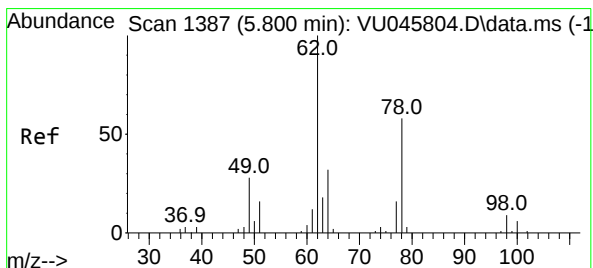
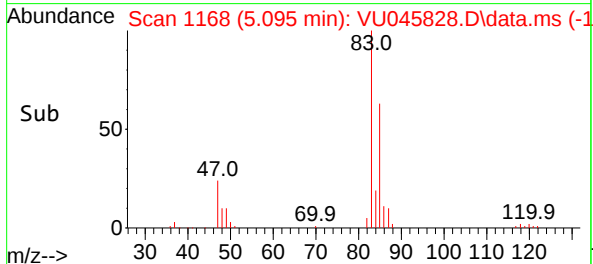
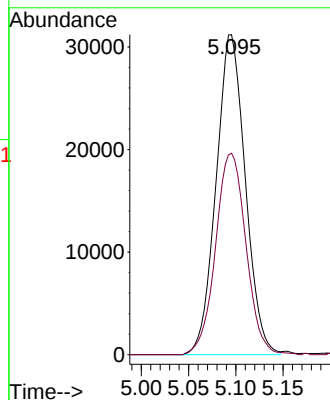
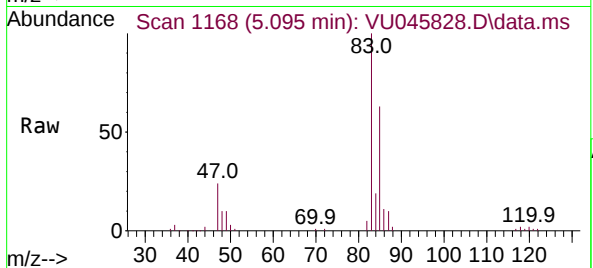
ClientSampleId :

Tgt Ion: 83 Resp: 67091

Ion Ratio Lower Upper

83 100

85 63.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.624 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045828.D

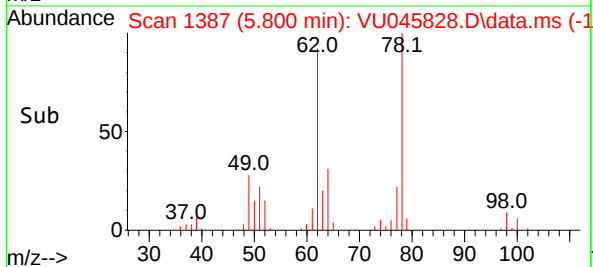
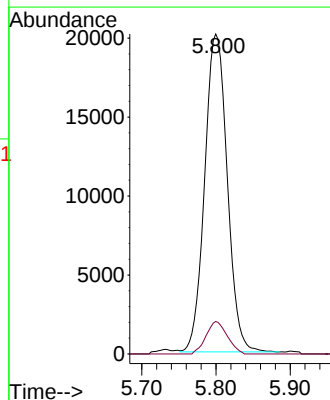
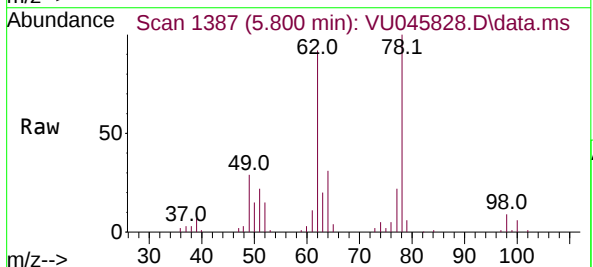
Acq: 17 Nov 2021 10:01

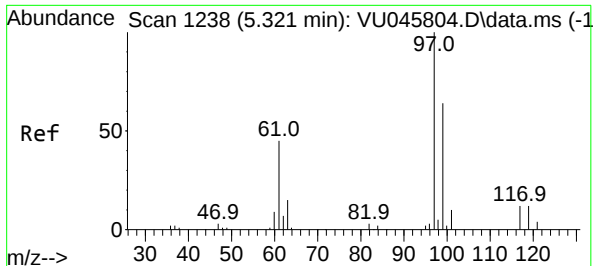
Tgt Ion: 62 Resp: 42550

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.177 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

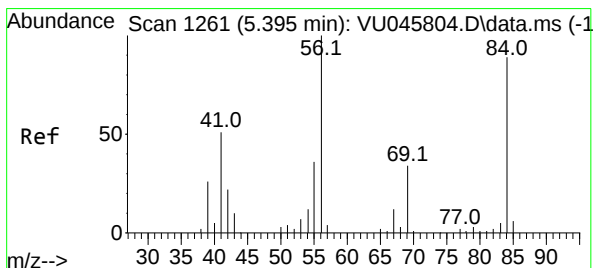
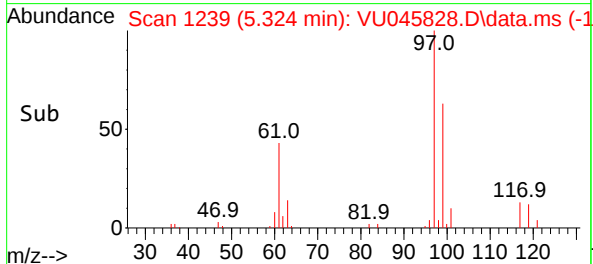
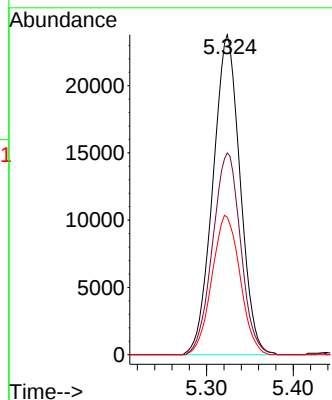
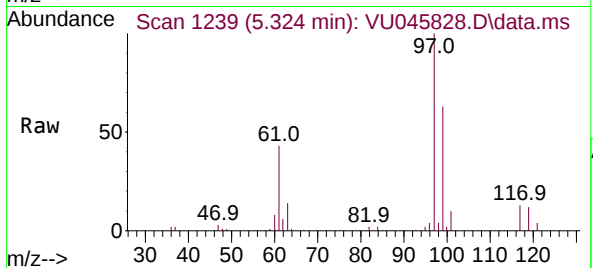
Tgt Ion: 97 Resp: 51798

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 45.1 36.1 54.1



#30

Cyclohexane

Concen: 4.884 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

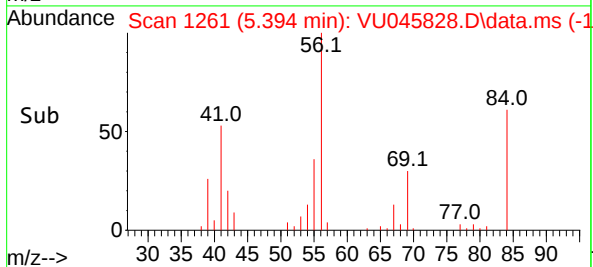
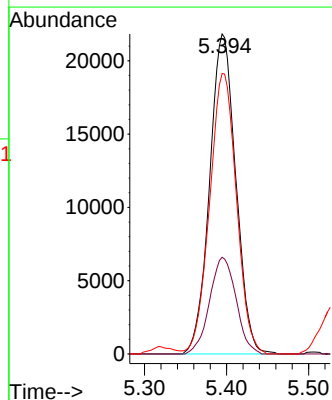
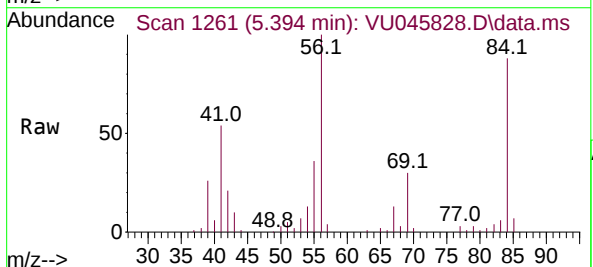
Tgt Ion: 56 Resp: 48468

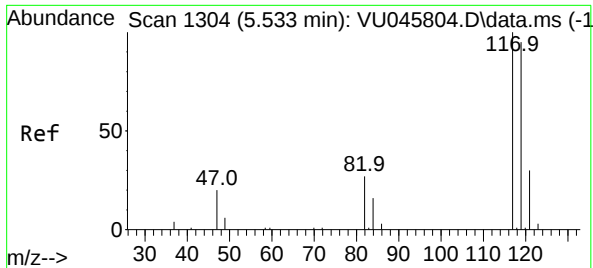
Ion Ratio Lower Upper

56 100

69 30.5 24.7 37.1

84 89.7 71.8 107.6

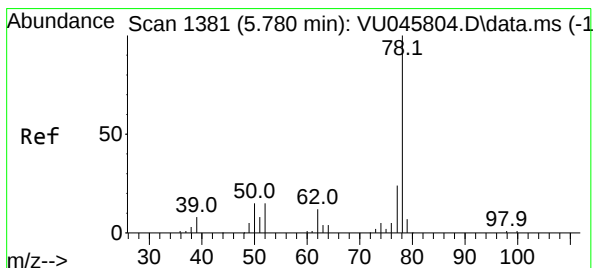
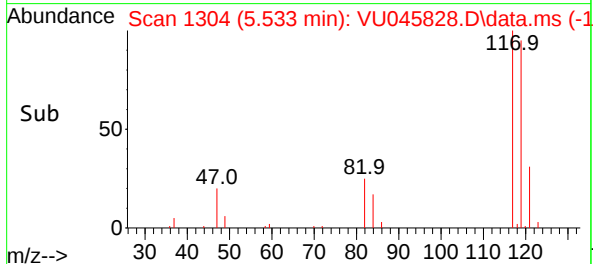
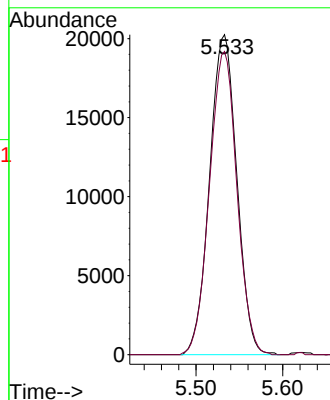
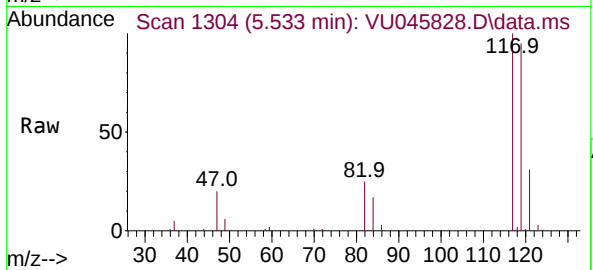




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 5.533 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

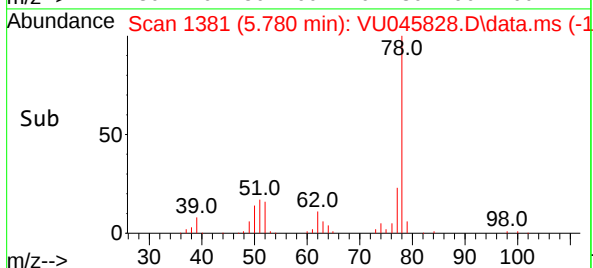
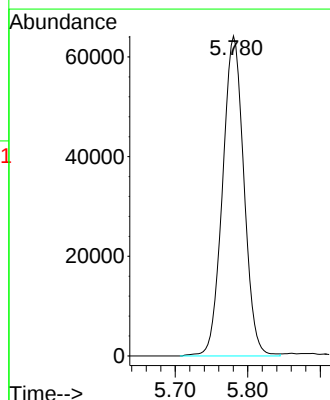
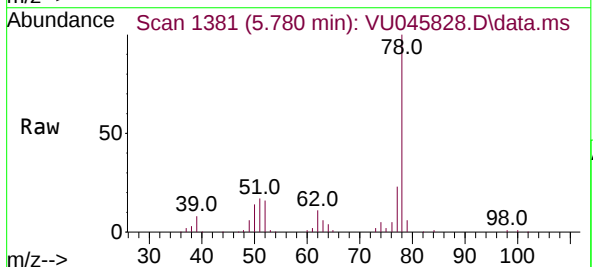
Instrument :
MSVOA_U
ClientSampleId :

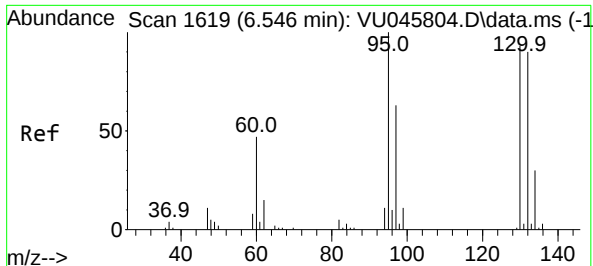
Tgt Ion:117 Resp: 44297
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 5.111 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 78 Resp: 131339

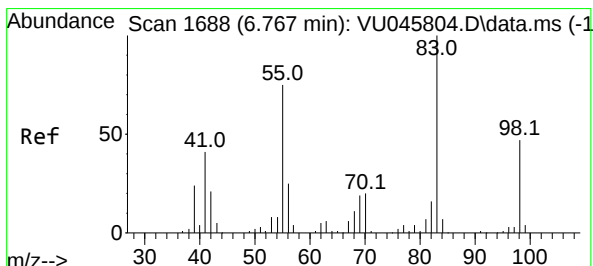
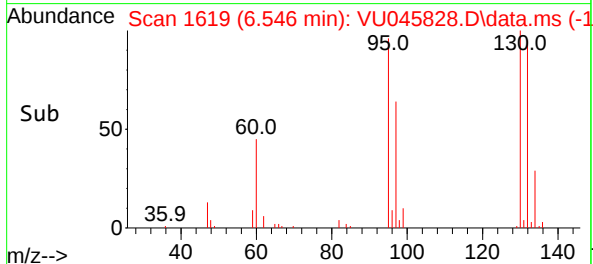
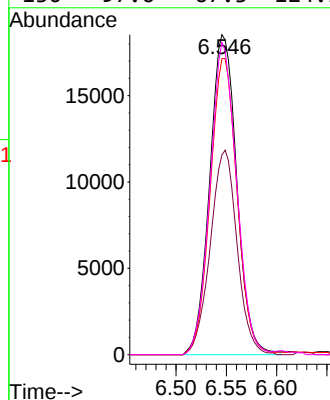
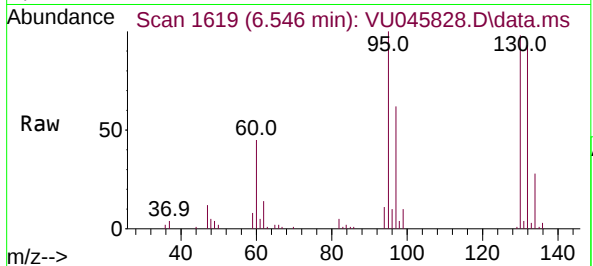




#34
Trichloroethene
Concen: 5.238 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

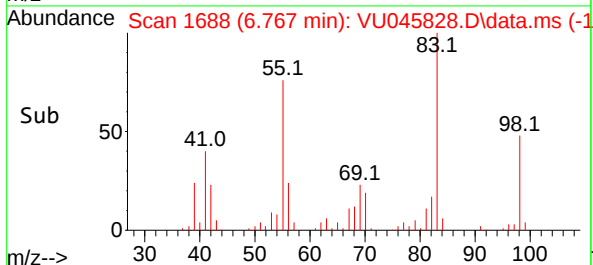
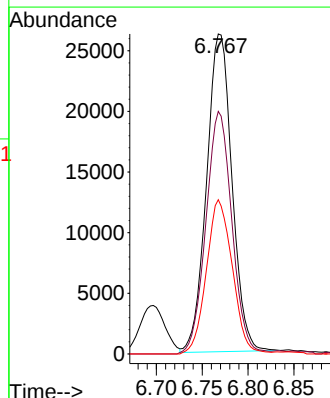
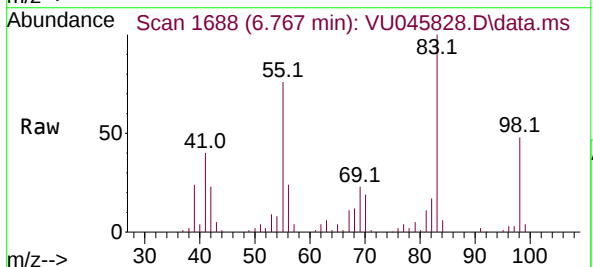
Instrument :
MSVOA_U
ClientSampleId :

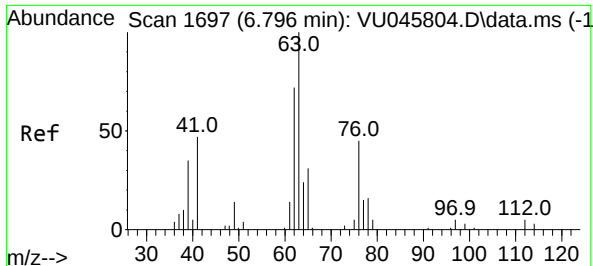
Tgt Ion: 95 Resp: 34692
Ion Ratio Lower Upper
95 100
97 62.5 46.5 86.5
132 92.6 65.1 120.9
130 97.6 67.3 124.9



#35
Methylcyclohexane
Concen: 4.978 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 83 Resp: 50628
Ion Ratio Lower Upper
83 100
55 78.1 61.9 92.9
98 49.5 39.0 58.6

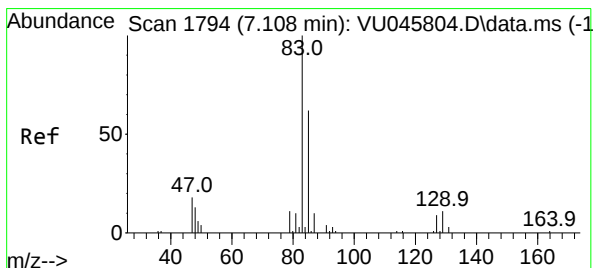
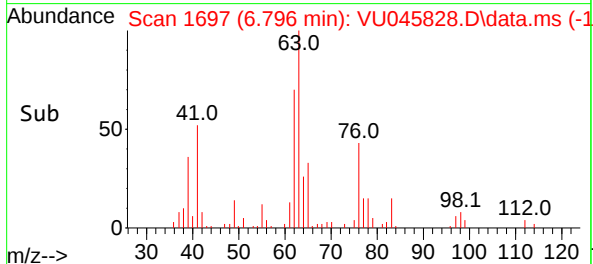
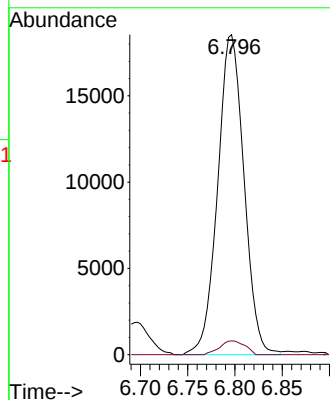
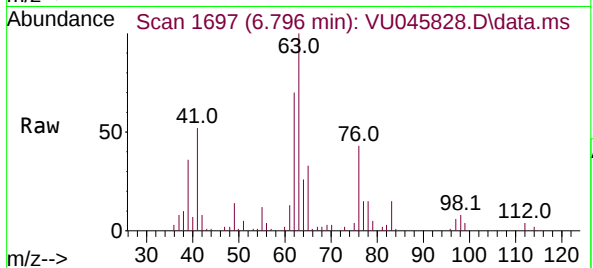




#37
1,2-Dichloropropane
Concen: 5.311 ug/L
RT: 6.796 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

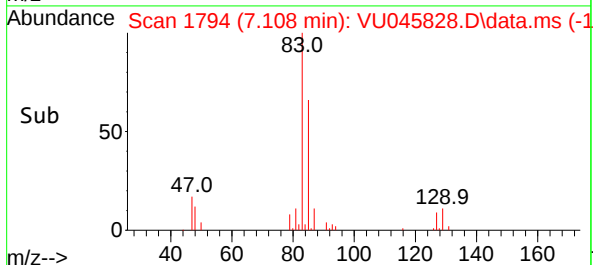
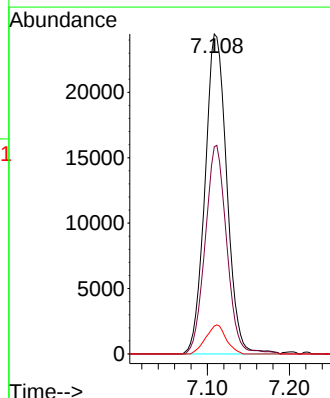
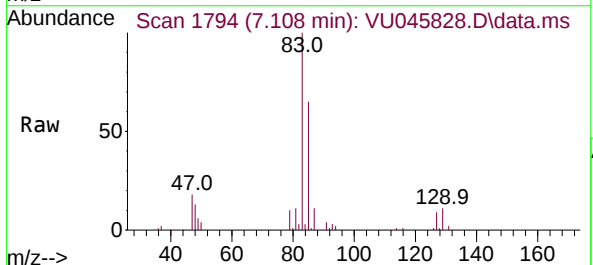
Instrument :
MSVOA_U
ClientSampleId :

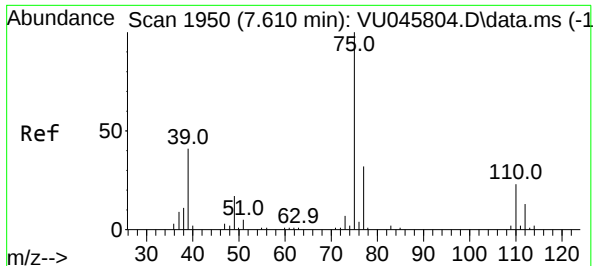
Tgt Ion: 63 Resp: 35920
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 5.414 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 83 Resp: 45175
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.8
127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.225 ug/L

RT: 7.613 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

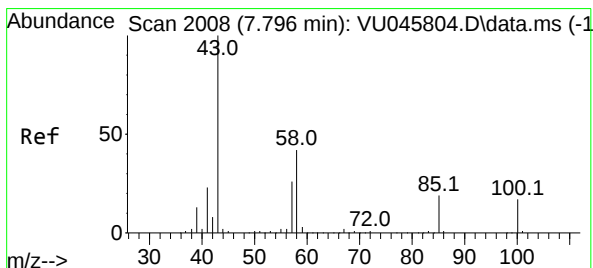
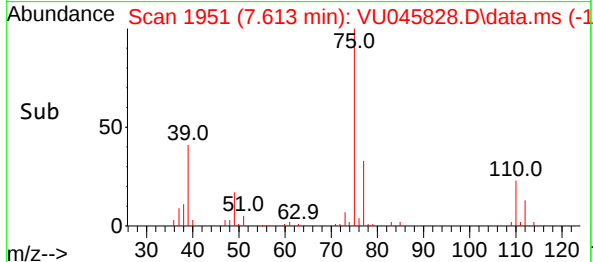
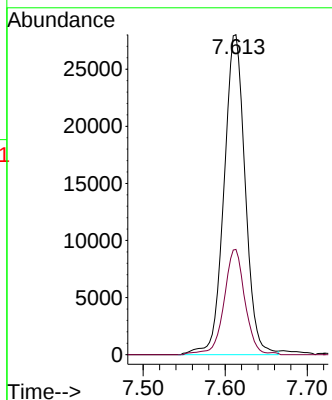
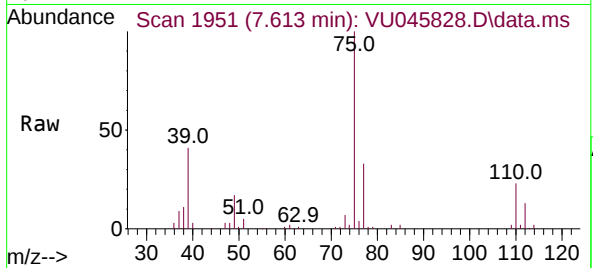
ClientSampleId :

Tgt Ion: 75 Resp: 50212

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 61.997 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

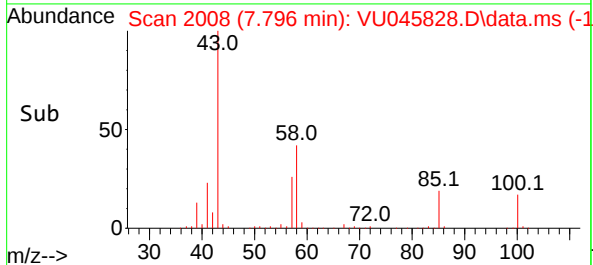
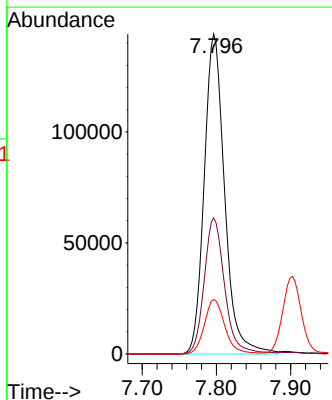
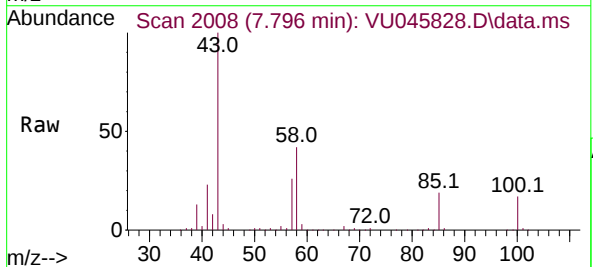
Tgt Ion: 43 Resp: 275016

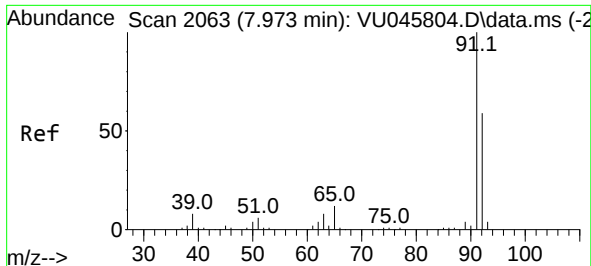
Ion Ratio Lower Upper

43 100

58 42.4 33.1 49.7

100 17.0 13.2 19.8





#42

Toluene

Concen: 5.396 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

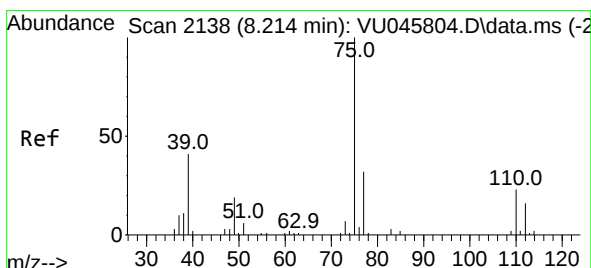
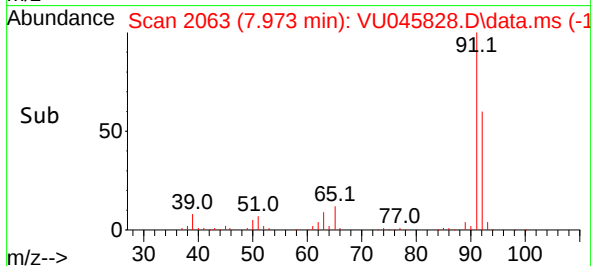
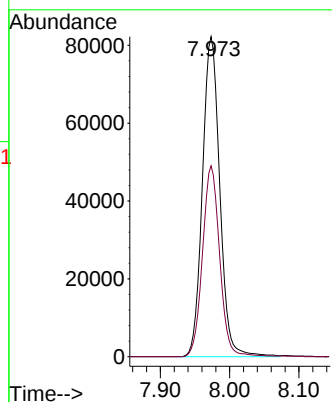
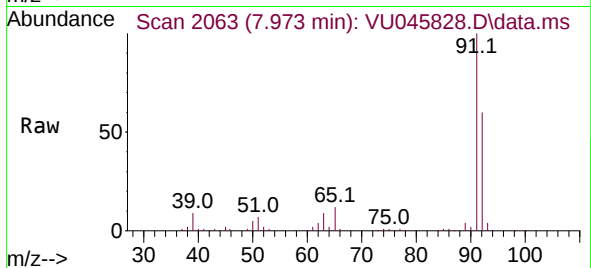
ClientSampleId :

Tgt Ion: 91 Resp: 143152

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.537 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045828.D

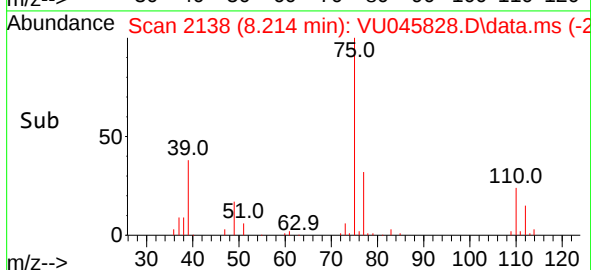
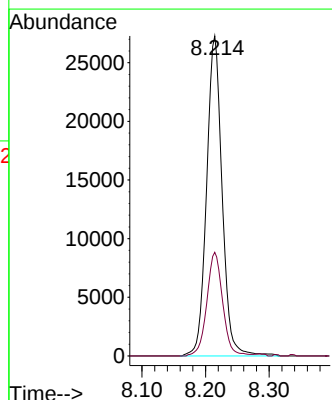
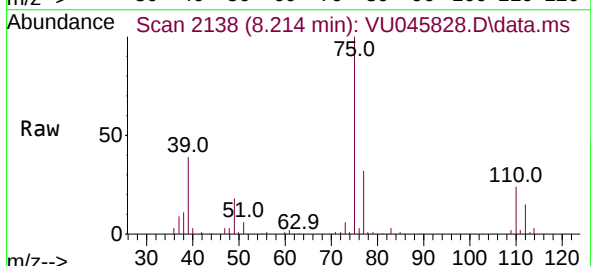
Acq: 17 Nov 2021 10:01

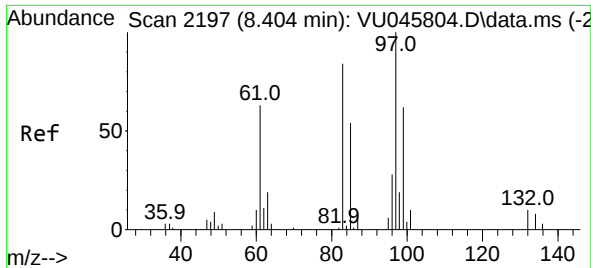
Tgt Ion: 75 Resp: 46291

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.3

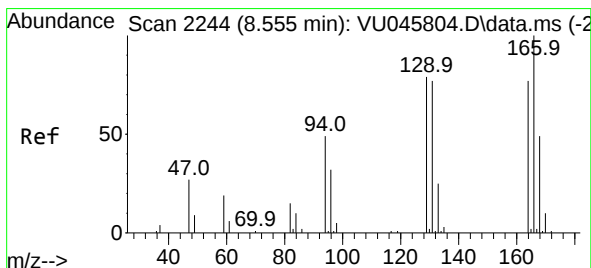
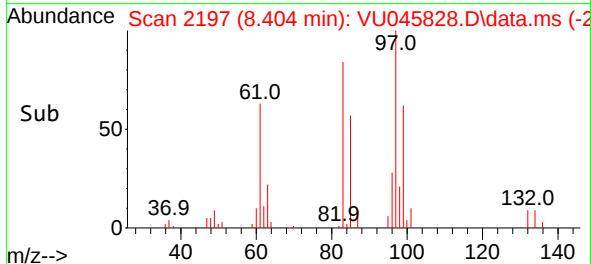
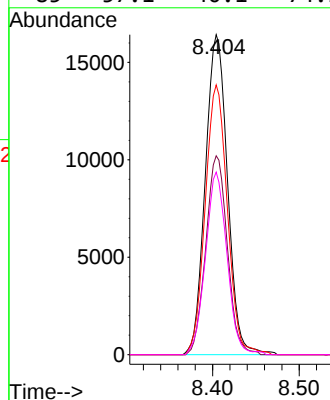
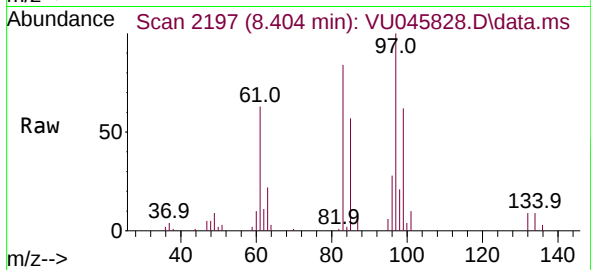




#45
1,1,2-Trichloroethane
Concen: 5.831 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

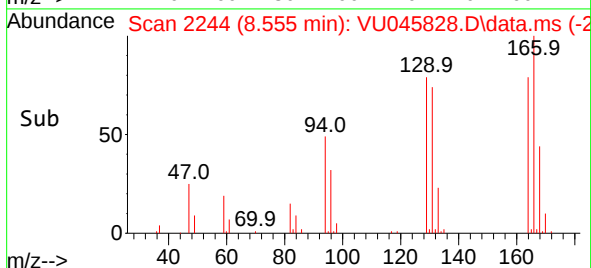
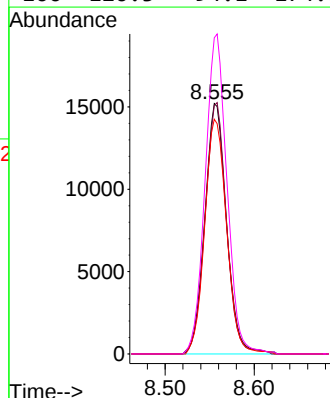
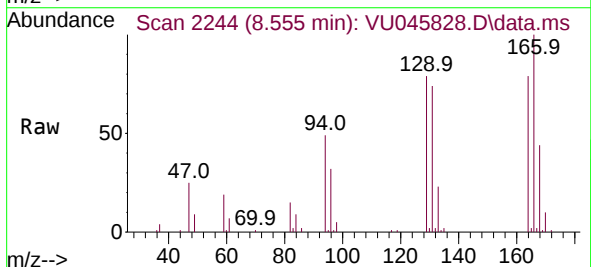
Instrument :
MSVOA_U
ClientSampleId :

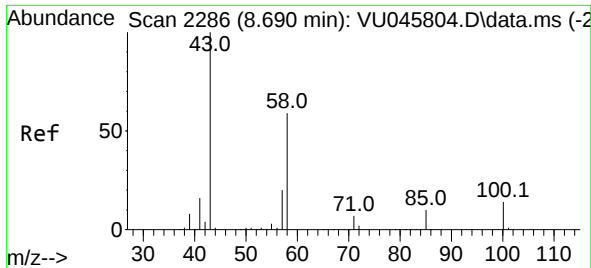
Tgt Ion:	97	Resp:	29278
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.3	78.5
83	84.3	62.0	115.2
85	57.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.555 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

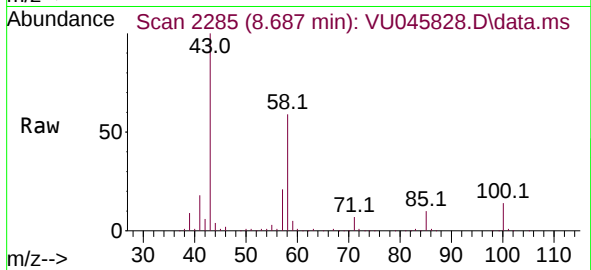
Tgt Ion:	164	Resp:	25758
Ion	Ratio	Lower	Upper
164	100		
129	99.3	71.8	133.4
131	93.7	68.5	127.3
166	126.3	94.1	174.8



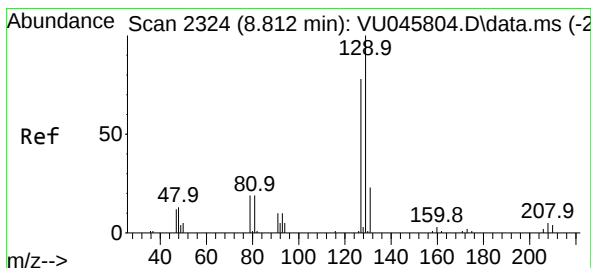
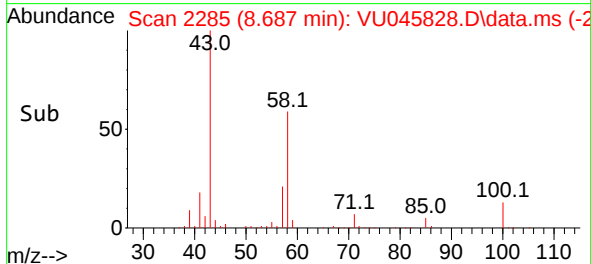
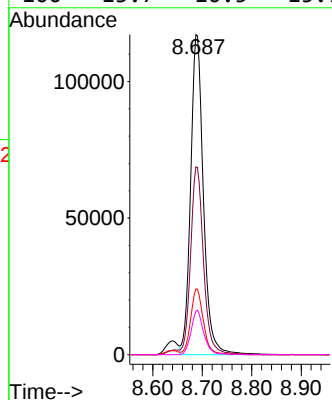


#48
2-Hexanone
Concen: 65.824 ug/L
RT: 8.687 min Scan# 210944
Delta R.T. -0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Instrument :
MSVOA_U
ClientSampleId :

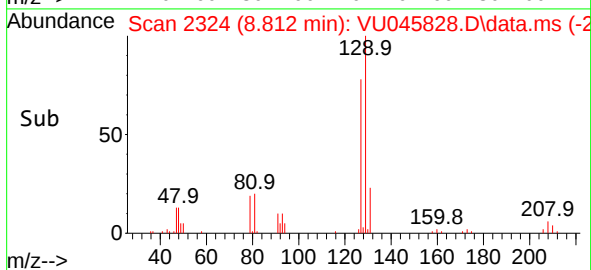
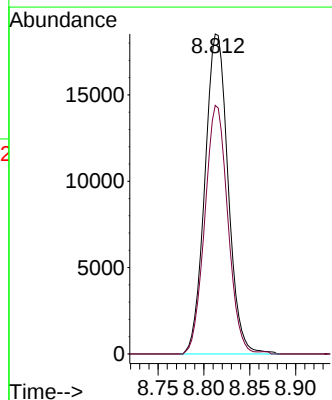
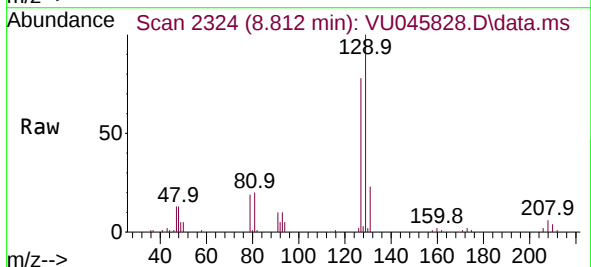


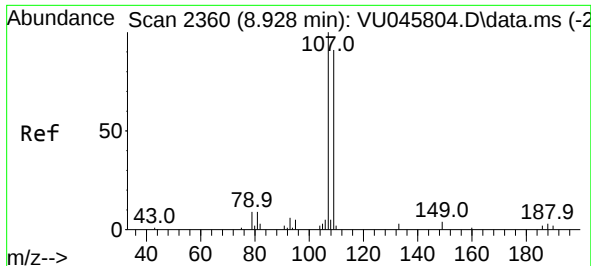
Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.9	46.7	70.1
57	20.2	16.3	24.5
100	13.7	10.5	15.7



#49
Dibromochloromethane
Concen: 5.705 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.881 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045828.D

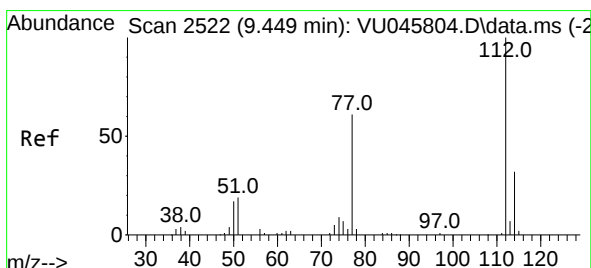
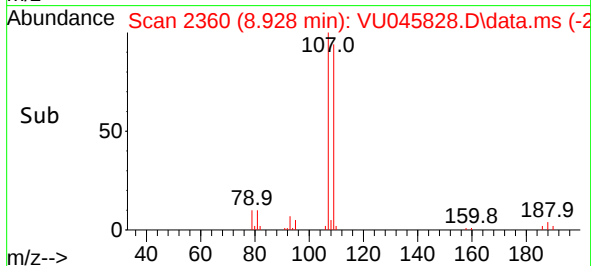
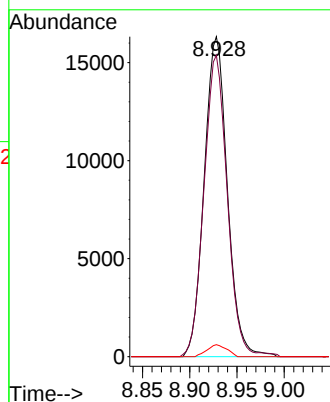
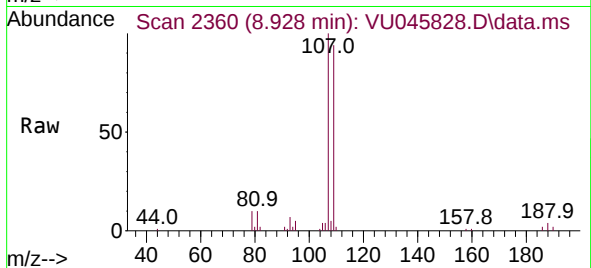
Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	27818
Ion Ratio	Lower	Upper
107	100	
109	94.2	64.0 119.0
188	3.8	2.4 3.6#



#51

Chlorobenzene

Concen: 5.407 ug/L

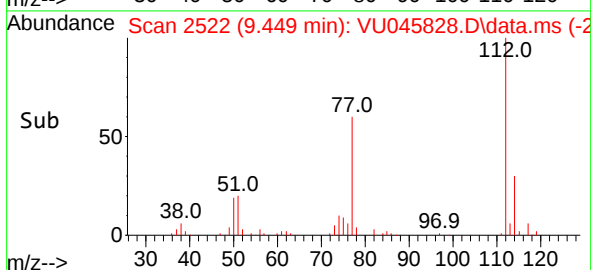
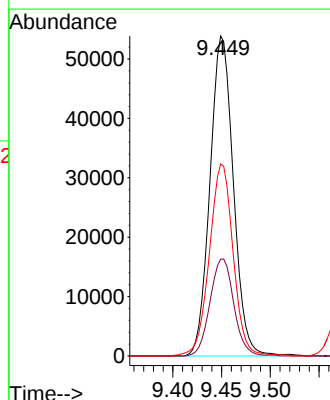
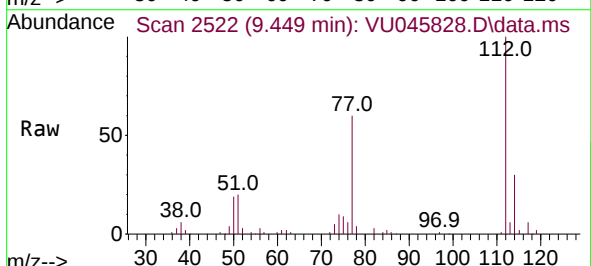
RT: 9.449 min Scan# 2522

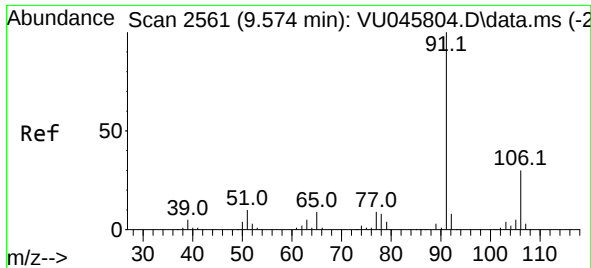
Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Tgt Ion:112	Resp:	89965
Ion Ratio	Lower	Upper
112	100	
114	30.3	22.1 41.1
77	60.0	48.3 72.5

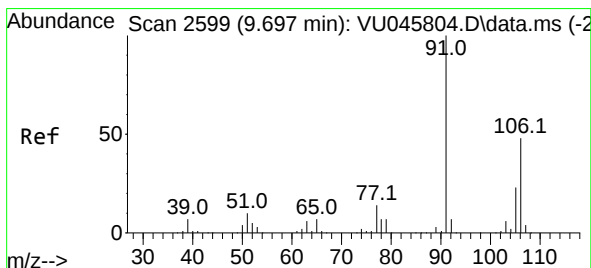
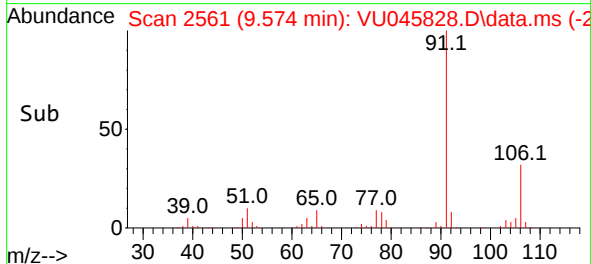
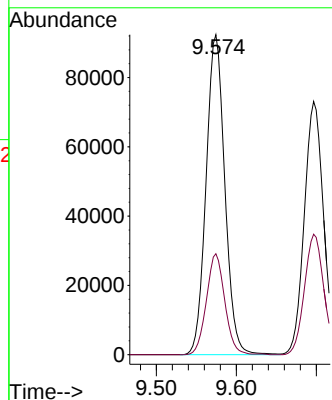
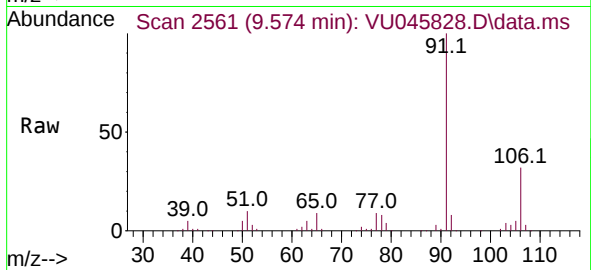




#52
Ethylbenzene
Concen: 5.420 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

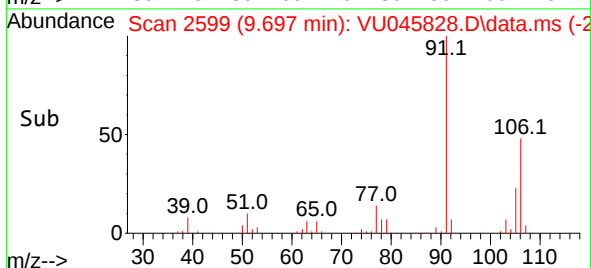
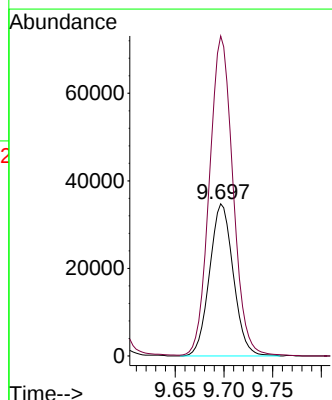
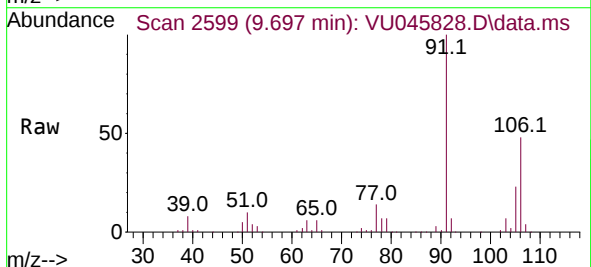
Instrument :
MSVOA_U
ClientSampleId :

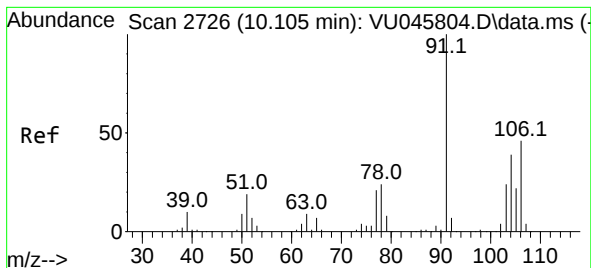
Tgt Ion: 91 Resp: 150494
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.525 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 106 Resp: 58761
Ion Ratio Lower Upper
106 100
91 210.3 139.4 259.0





#54

o-Xylene

Concen: 5.574 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

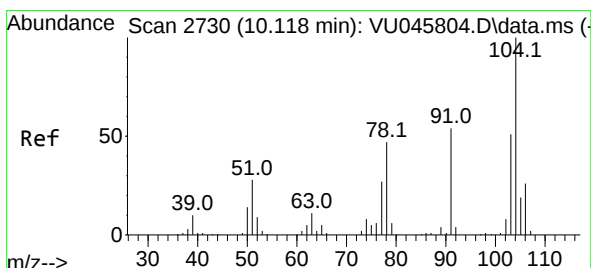
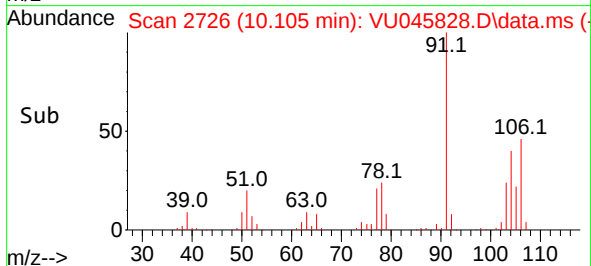
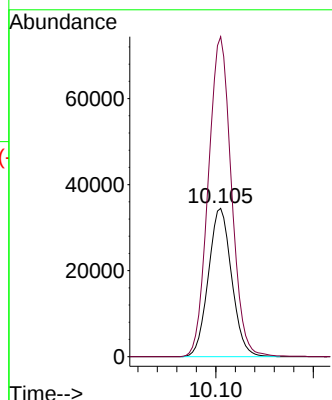
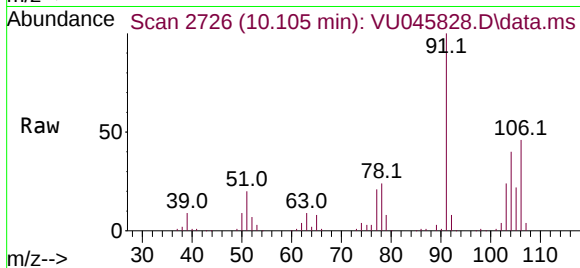
ClientSampleId :

Tgt Ion:106 Resp: 57211

Ion Ratio Lower Upper

106 100

91 215.7 147.5 273.9



#55

Styrene

Concen: 5.826 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045828.D

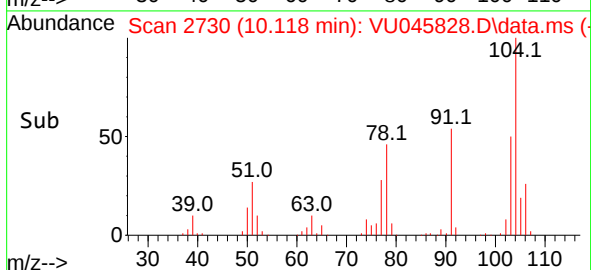
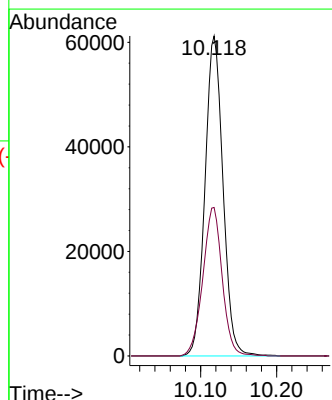
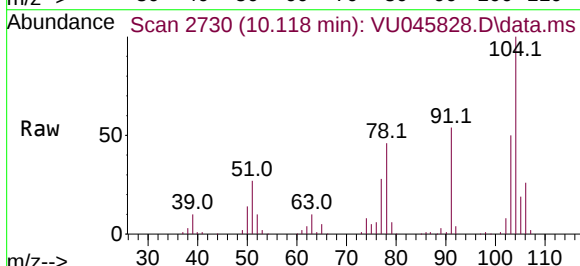
Acq: 17 Nov 2021 10:01

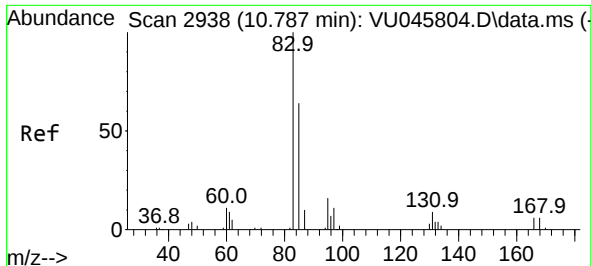
Tgt Ion:104 Resp: 100669

Ion Ratio Lower Upper

104 100

78 46.4 33.0 61.4

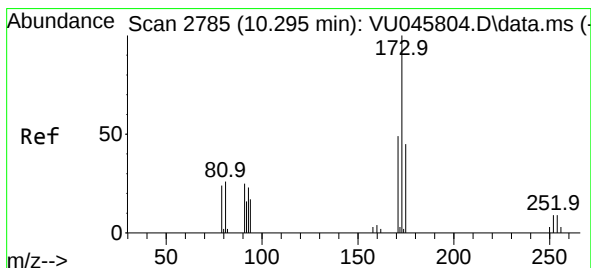
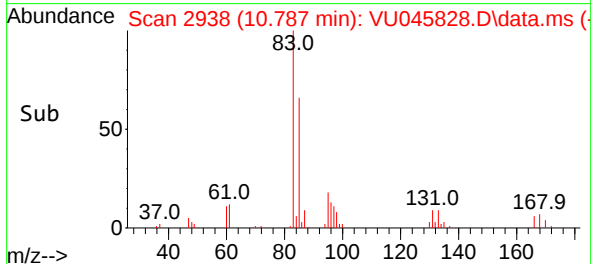
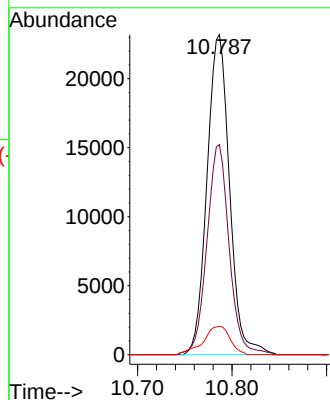
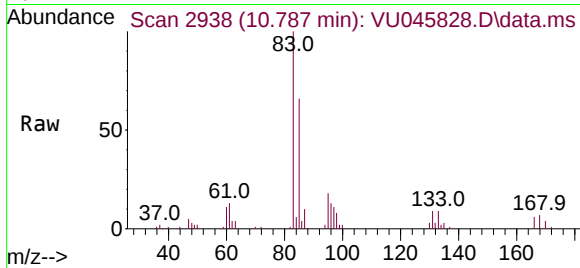




#57
1,1,2,2-Tetrachloroethane
Concen: 5.974 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

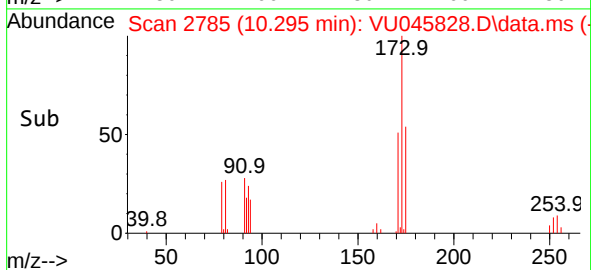
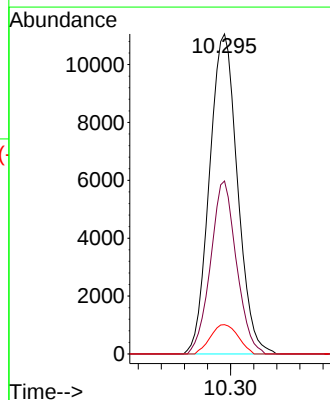
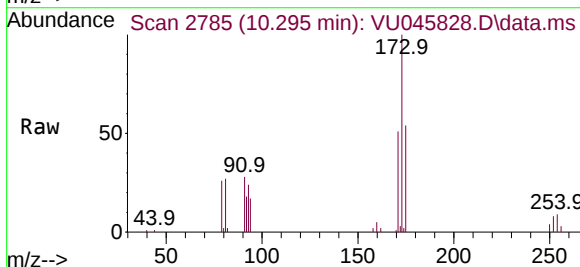
Instrument :
MSVOA_U
ClientSampleId :

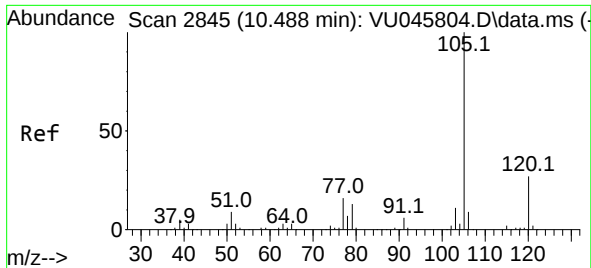
Tgt Ion: 83 Resp: 38417
Ion Ratio Lower Upper
83 100
85 65.7 47.9 89.1
131 8.8 8.1 12.1



#59
Bromoform
Concen: 5.686 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 173 Resp: 18595
Ion Ratio Lower Upper
173 100
175 49.9 37.8 56.6
254 9.1 7.3 10.9

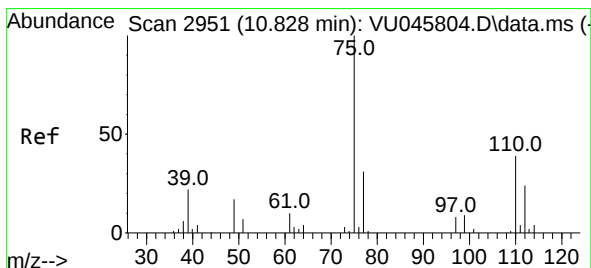
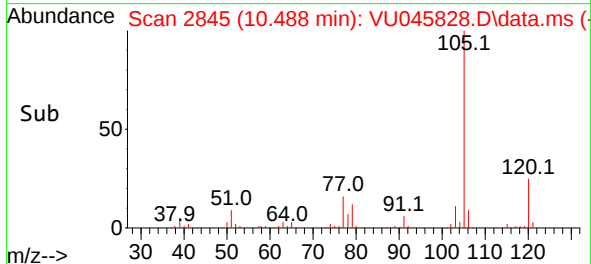
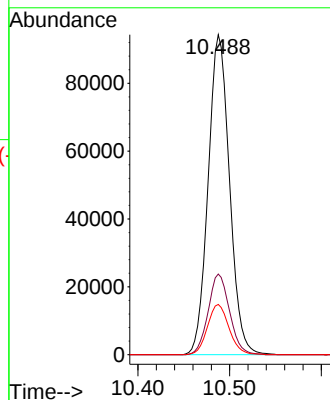
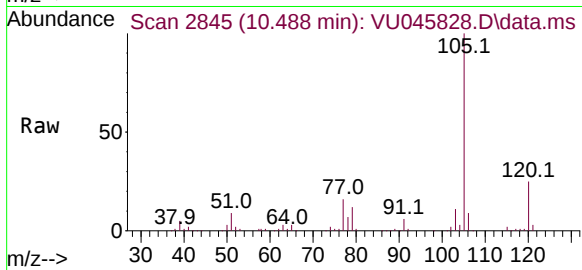




#60
Isopropylbenzene
Concen: 5.263 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

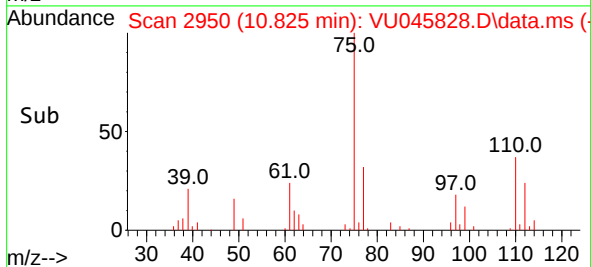
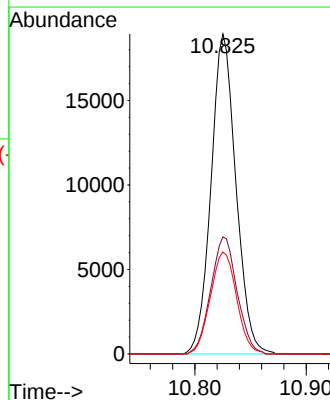
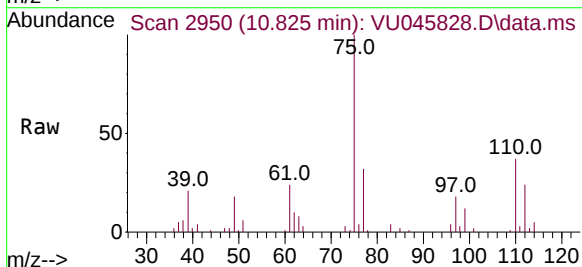
Instrument :
MSVOA_U
ClientSampleId :

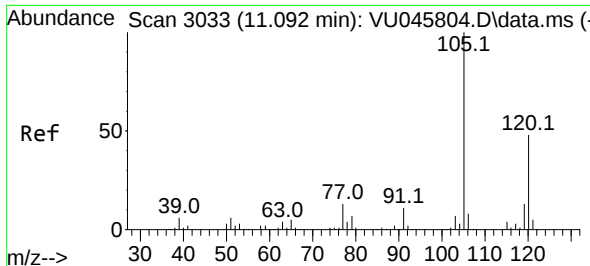
Tgt Ion:105 Resp: 152578
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.736 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion: 75 Resp: 29403
Ion Ratio Lower Upper
75 100
110 38.6 29.9 44.9
77 33.5 25.5 38.3

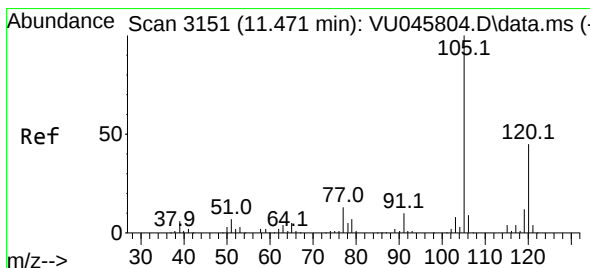
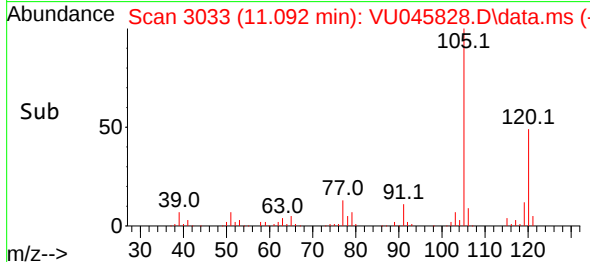
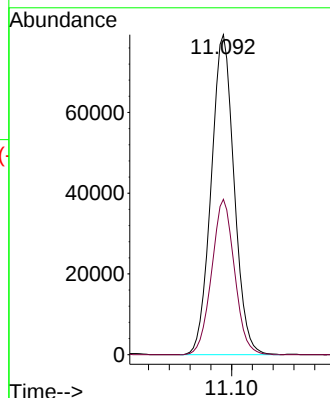
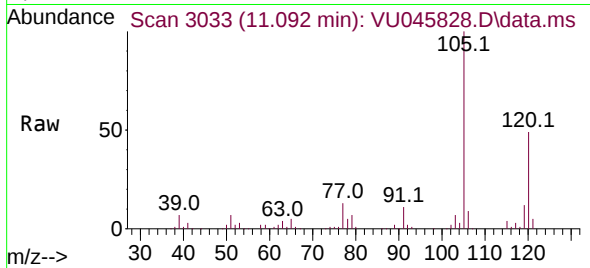




#62
 1,3,5-Trimethylbenzene
 Concen: 5.123 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

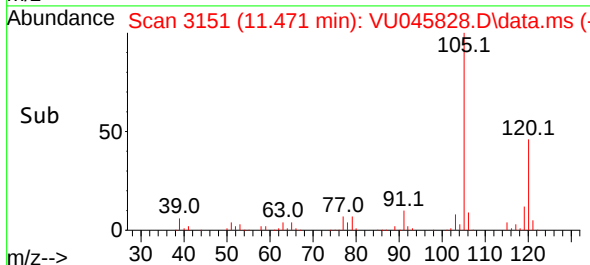
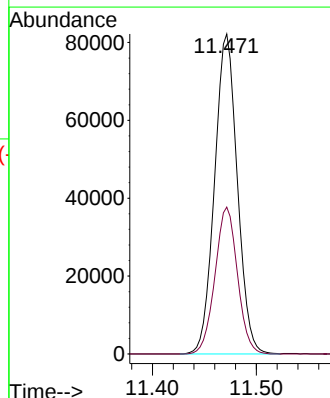
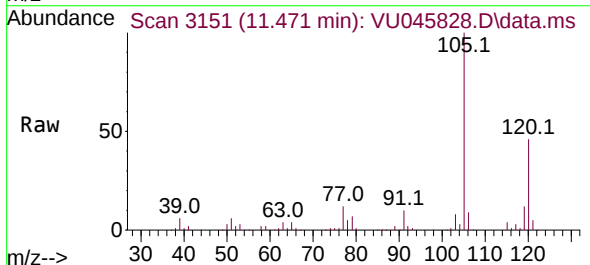
Instrument :
 MSVOA_U
 ClientSampleId :

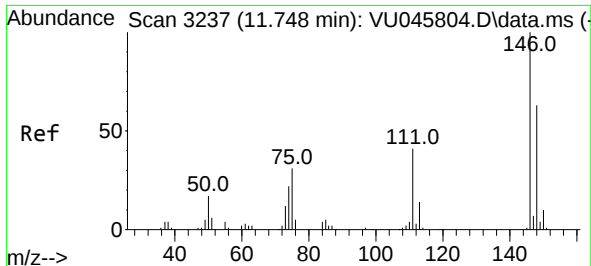
Tgt Ion:105 Resp: 121436
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.262 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

Tgt Ion:105 Resp: 124964
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.8

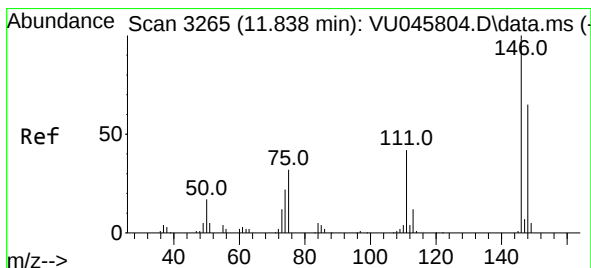
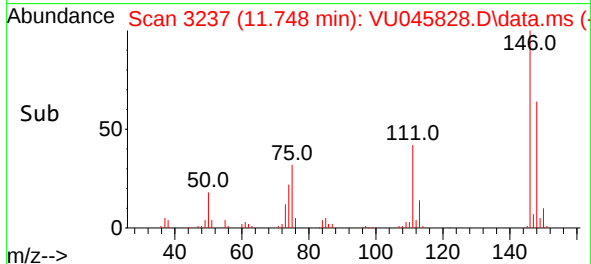
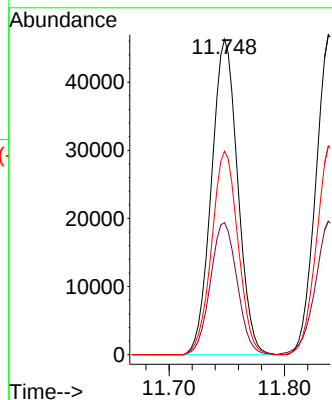
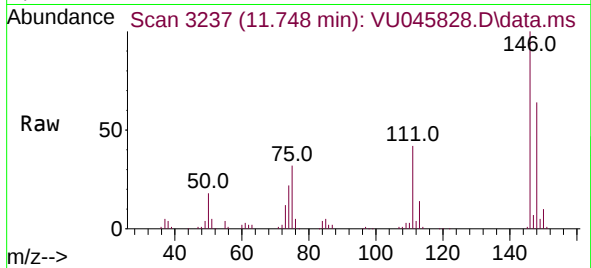




#64
1,3-Dichlorobenzene
Concen: 5.410 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

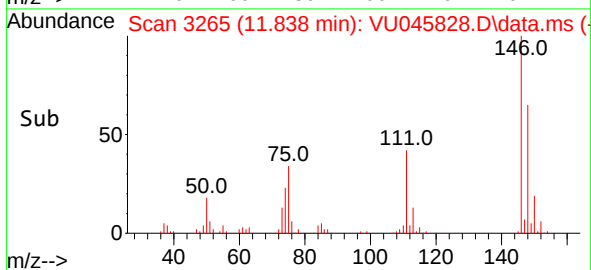
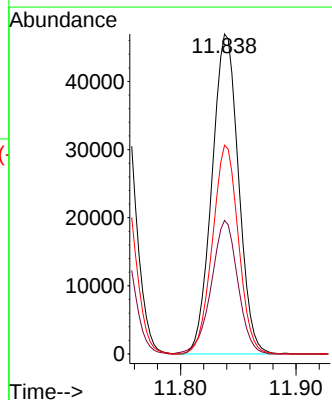
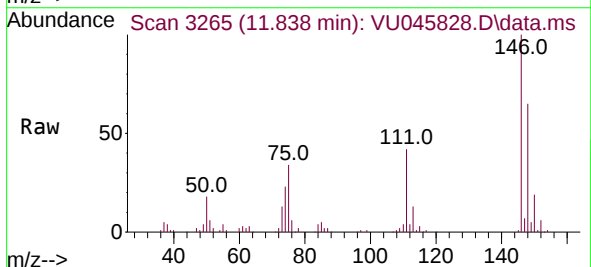
Instrument :
MSVOA_U
ClientSampleId :

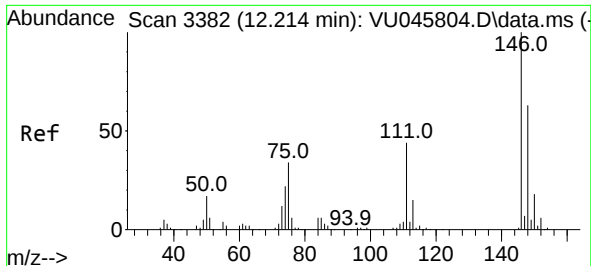
Tgt Ion:146 Resp: 73161
Ion Ratio Lower Upper
146 100
111 41.8 29.9 55.5
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.462 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion:146 Resp: 75036
Ion Ratio Lower Upper
146 100
111 41.8 28.7 53.3
148 65.2 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.512 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

Instrument :

MSVOA_U

ClientSampleId :

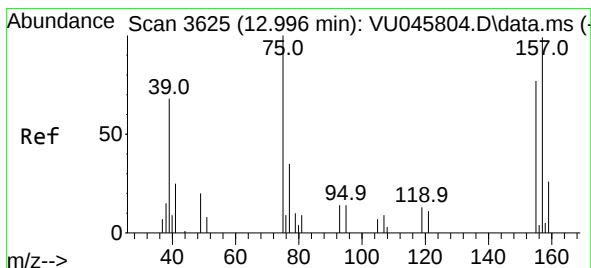
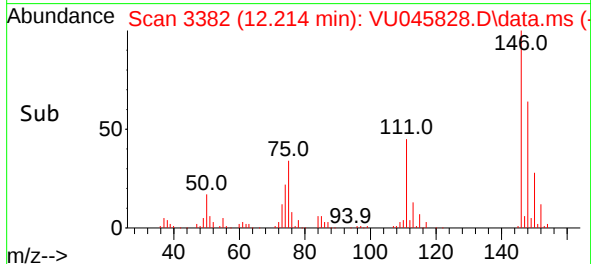
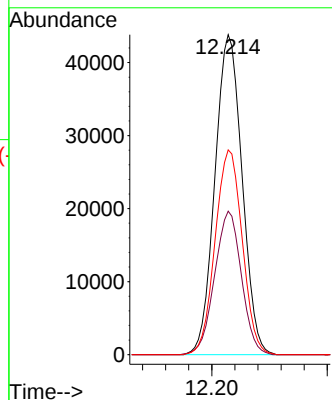
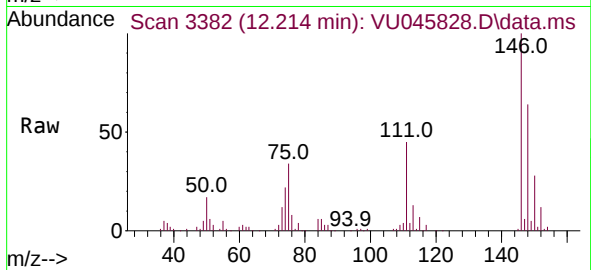
Tgt Ion:146 Resp: 71474

Ion Ratio Lower Upper

146 100

111 44.9 35.4 53.0

148 64.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.697 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU045828.D

Acq: 17 Nov 2021 10:01

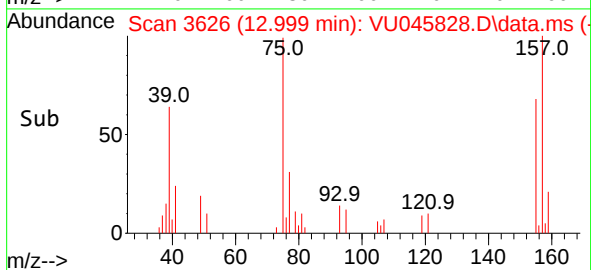
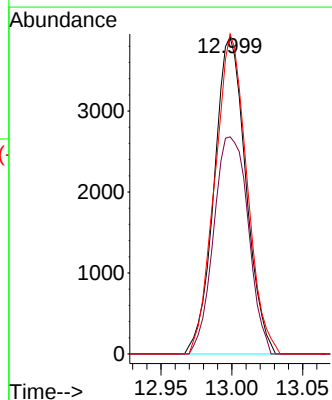
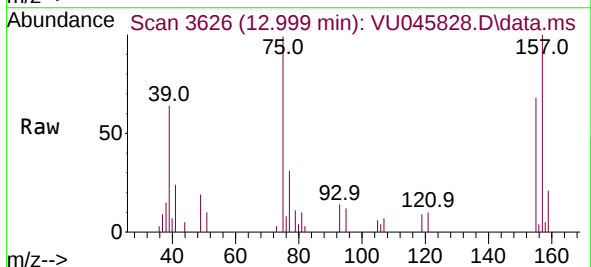
Tgt Ion: 75 Resp: 6075

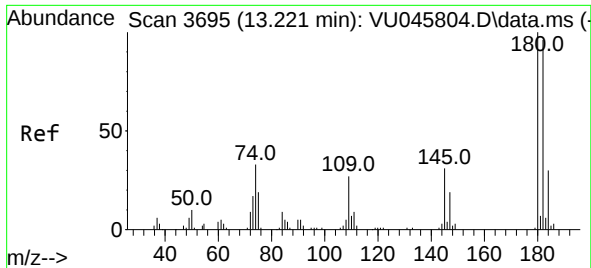
Ion Ratio Lower Upper

75 100

155 68.5 59.2 88.8

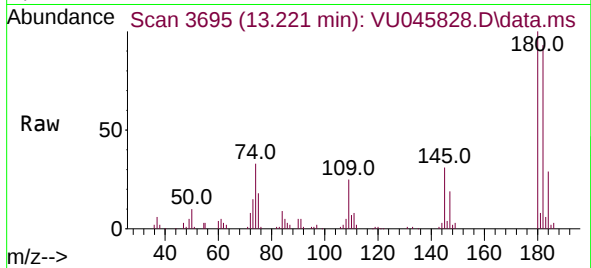
157 100.9 76.5 114.7



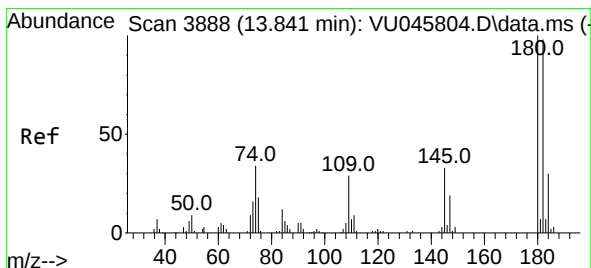
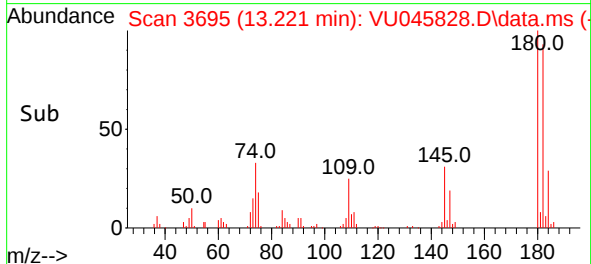
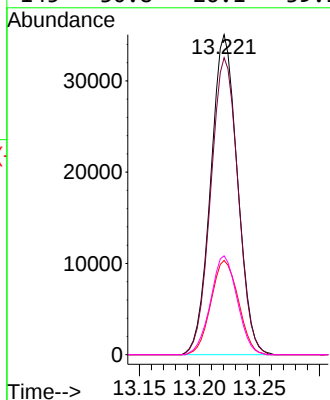


#69
 1,3,5-Trichlorobenzene
 Concen: 5.362 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

Instrument :
 MSVOA_U
 ClientSampleId :

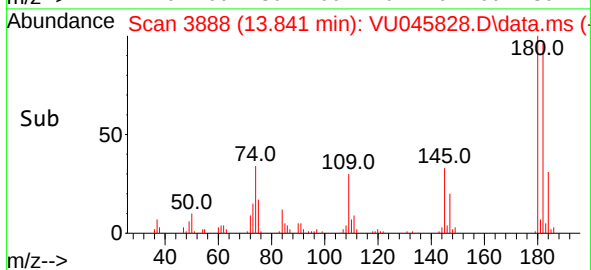
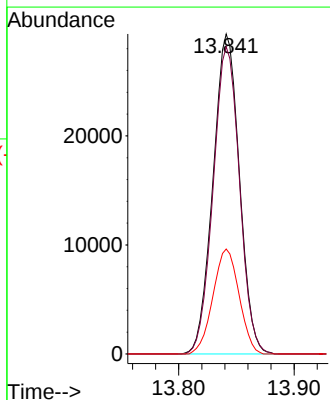
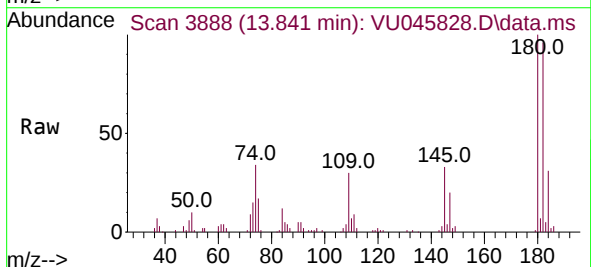


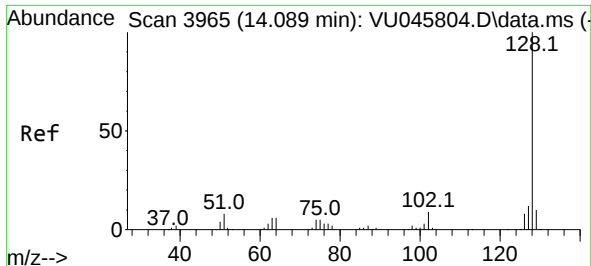
Tgt Ion:180 Resp: 54237
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.1 114.1
 184 30.2 25.0 37.4
 145 30.8 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.444 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045828.D
 Acq: 17 Nov 2021 10:01

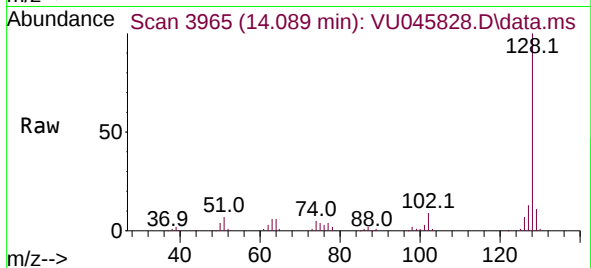
Tgt Ion:180 Resp: 46602
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 32.4 25.6 38.4



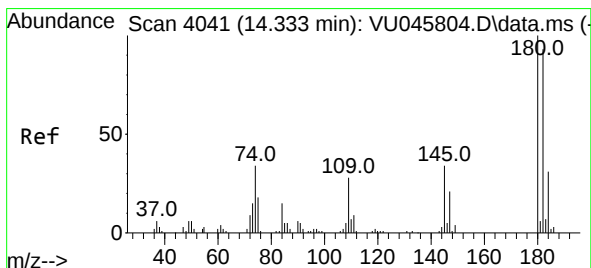
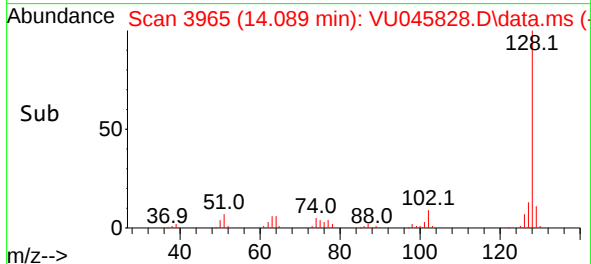
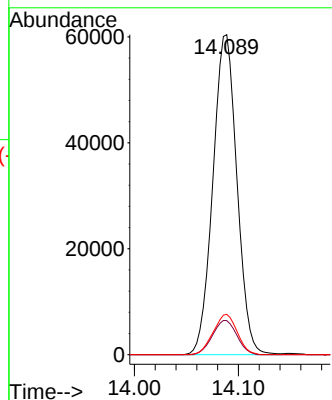


#71
Naphthalene
Concen: 5.525 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128	Resp:	97174
Ion	Ratio	Lower Upper
128	100	
129	10.8	8.4 12.6
127	12.6	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.336 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045828.D
Acq: 17 Nov 2021 10:01

Tgt Ion:180	Resp:	45454
Ion	Ratio	Lower Upper
180	100	
182	97.8	76.2 114.4
145	34.4	28.4 42.6

