

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047526.D
 Acq On : 12 Mar 2022 04:59
 Operator : SY/MD
 Sample : N1858-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MS

Quant Time: Mar 14 01:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	114653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	37546	6.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.800%
7) Chloroethane-d5	1.919	69	20363	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.572	65	11845	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.649	46	65917	59.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.080%
24) Chloroform-d	5.070	84	50172	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.706	65	24098	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	94848	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	29159	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	91984	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.182	79	11926	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.636	63	55718	47.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28187	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	37996	4.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50399	5.871	ug/L	100
3) Chloromethane	1.523	50	49205	5.740	ug/L	100
5) Vinyl chloride	1.607	62	1630197	193.340	ug/L	98
6) Bromomethane	1.861	94	19547	4.066	ug/L	98
8) Chloroethane	1.938	64	33801	6.600	ug/L	97
9) Trichlorofluoromethane	2.144	101	66630	5.997	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	40501	5.905	ug/L	98
12) 1,1-Dichloroethene	2.584	96	40946	6.083	ug/L	94
13) Acetone	2.658	43	69048	67.881	ug/L	93
14) Carbon disulfide	2.800	76	117458	5.684	ug/L	99
15) Methyl Acetate	2.961	43	16624	6.185	ug/L	94
16) Methylene chloride	3.054	84	44995	5.600	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	102385	5.898	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	61433	8.524	ug/L	98
19) 1,1-Dichloroethane	3.874	63	76058	6.205	ug/L	99
21) 2-Butanone	4.723	43	118889	64.903	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	2900688	363.228	ug/L	96
23) Bromochloromethane	4.977	128	23439	6.143	ug/L	98
25) Chloroform	5.092	83	79245	5.971	ug/L	99

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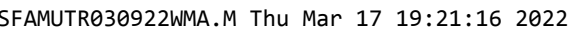
Instrument :
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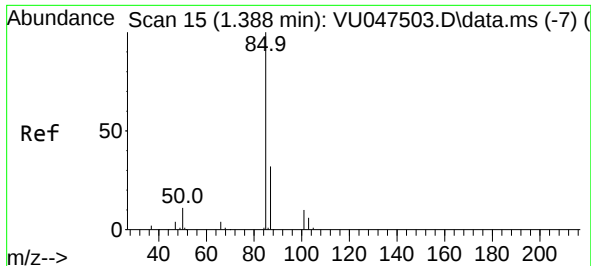
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	51178	5.990	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67913	5.815	ug/L	97
30) Cyclohexane	5.391	56	60957	5.418	ug/L	99
31) Carbon tetrachloride	5.530	117	59734	5.824	ug/L	98
33) Benzene	5.777	78	188919	6.189	ug/L	100
34) Trichloroethene	6.546	95	46236	5.666	ug/L	98
35) Methylcyclohexane	6.764	83	65434	5.083	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44214	5.816	ug/L	100
38) Bromodichloromethane	7.108	83	59540	5.899	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	61990	5.378	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	304360	58.727	ug/L	99
42) Toluene	7.970	91	193748	5.842	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	56215	5.408	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	37546	6.026	ug/L	99
47) Tetrachloroethene	8.555	164	38151	5.511	ug/L	98
48) 2-Hexanone	8.687	43	223391	59.412	ug/L	98
49) Dibromochloromethane	8.812	129	45861	6.059	ug/L	98
50) 1,2-Dibromoethane	8.925	107	36695	5.788	ug/L	100
51) Chlorobenzene	9.449	112	125905	5.675	ug/L	100
52) Ethylbenzene	9.571	91	198072	5.515	ug/L	98
53) m,p-Xylene	9.693	106	78010	5.537	ug/L	99
54) o-Xylene	10.102	106	75653	5.542	ug/L	100
55) Styrene	10.115	104	127673	5.533	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	50034	5.999	ug/L	100
59) Bromoform	10.291	173	29553	6.225	ug/L	99
60) Isopropylbenzene	10.484	105	198282	5.620	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34216	5.858	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	122650	5.300	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160508	5.347	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	105063	5.618	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	106318	5.599	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	103109	5.738	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	7775	5.904	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	84349	5.499	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	72788	5.324	ug/L	99
71) Naphthalene	14.086	128	125688	5.140	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	68989	5.503	ug/L	99

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

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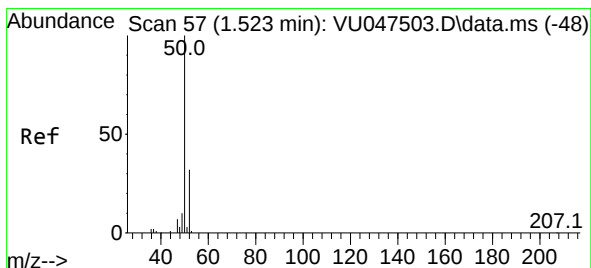
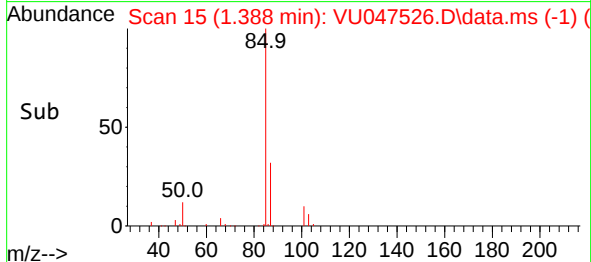
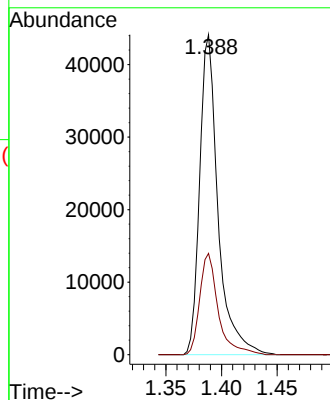
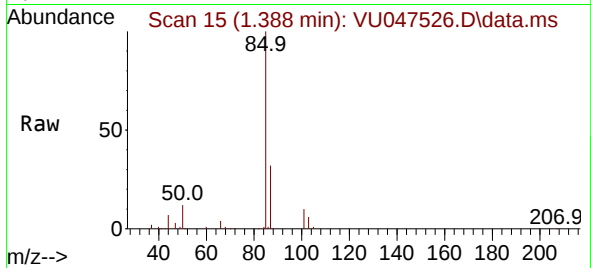




#2
Dichlorodifluoromethane
Concen: 5.871 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

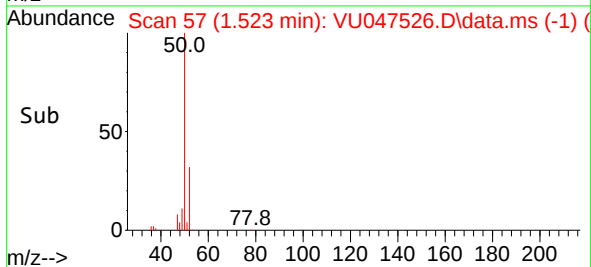
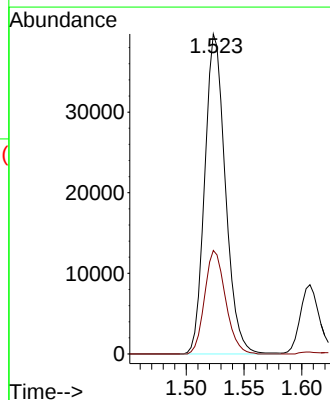
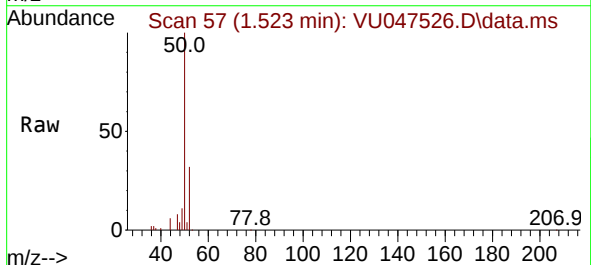
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

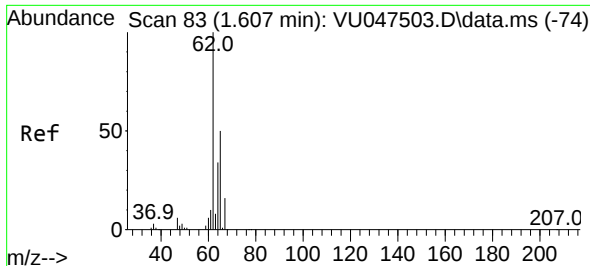
Tgt Ion: 85 Resp: 50399
Ion Ratio Lower Upper
85 100
87 31.9 25.6 38.4



#3
Chloromethane
Concen: 5.740 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 50 Resp: 49205
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9

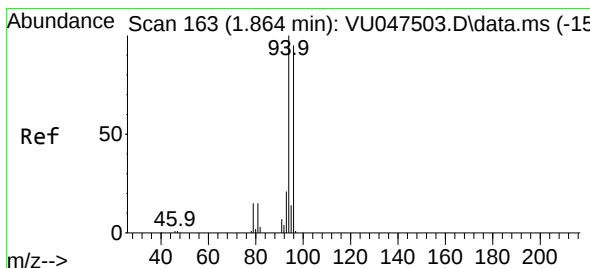
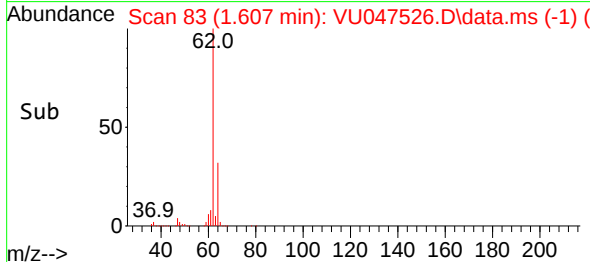
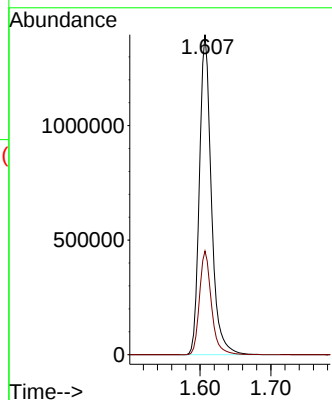
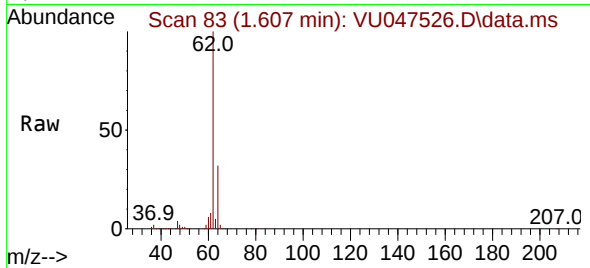




#5
 Vinyl chloride
 Concen: 193.340 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

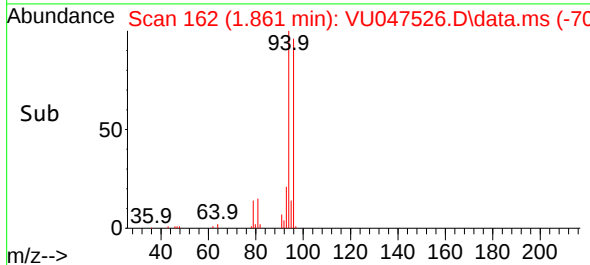
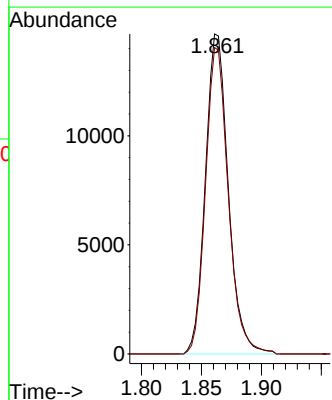
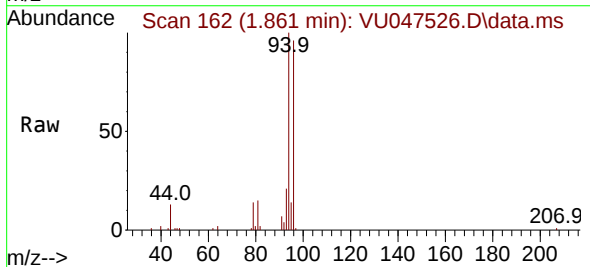
Instrument :
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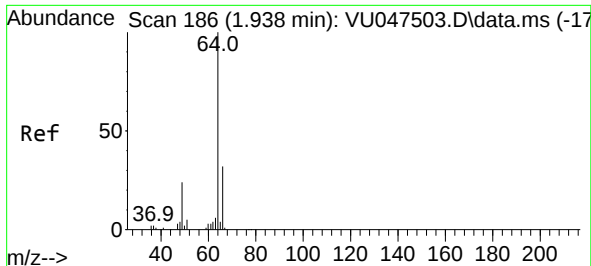
Tgt Ion: 62 Resp: 1630197
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.7 43.9



#6
 Bromomethane
 Concen: 4.066 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

Tgt Ion: 94 Resp: 19547
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.6 121.8

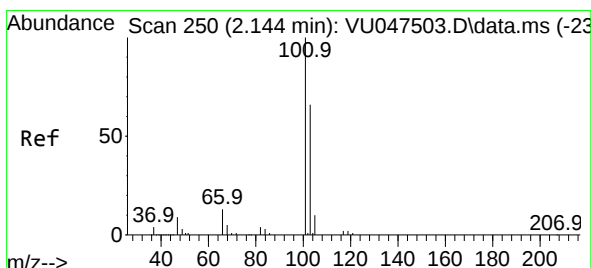
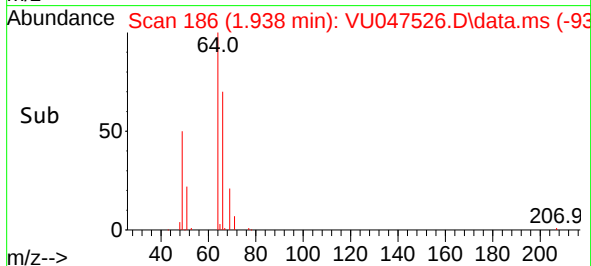
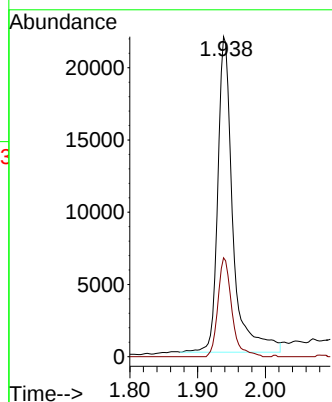
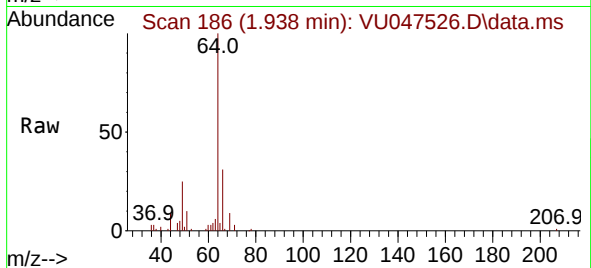




#8
Chloroethane
Concen: 6.600 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

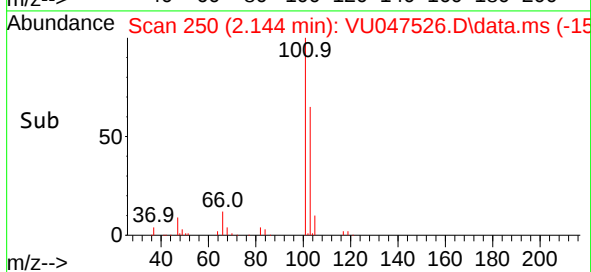
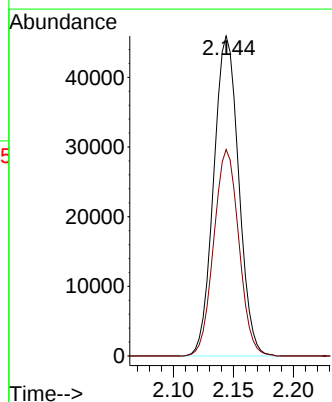
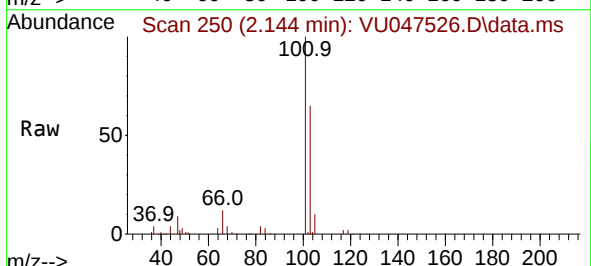
Instrument :
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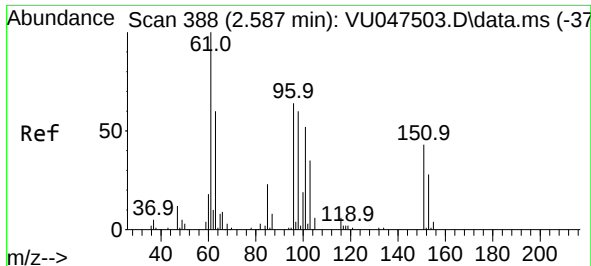
Tgt Ion: 64 Resp: 33801
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.997 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 101 Resp: 66630
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8





#10

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

Concen: 5.905 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MS

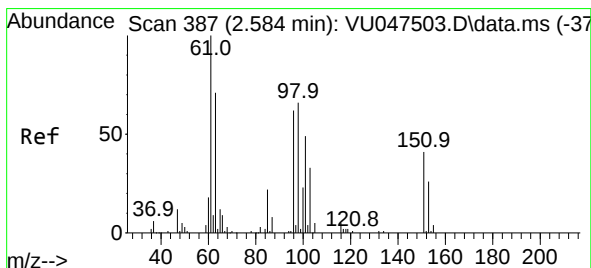
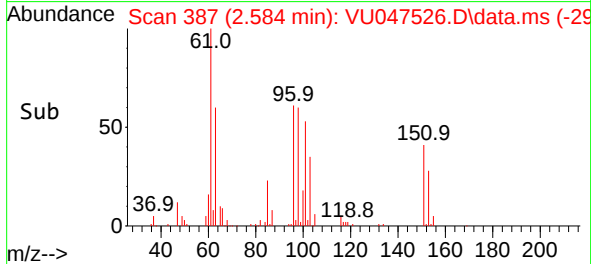
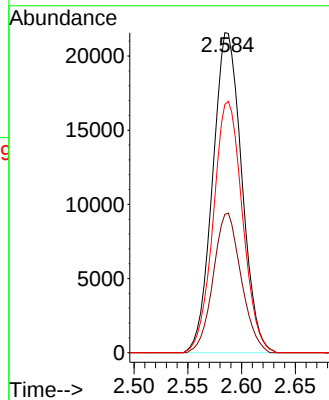
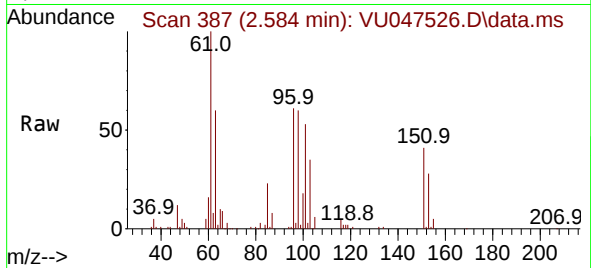
Tgt Ion:101 Resp: 40501

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.6

151 78.9 64.8 97.2



#12

1,1-Dichloroethene

Concen: 6.083 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

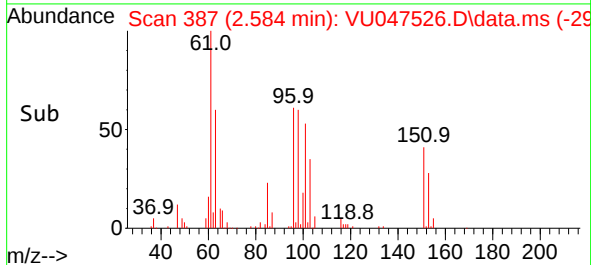
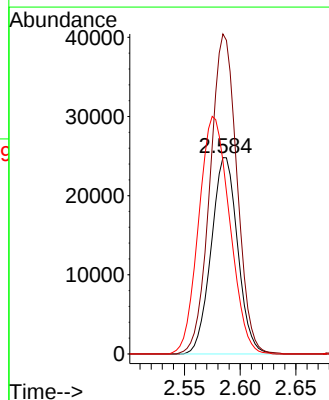
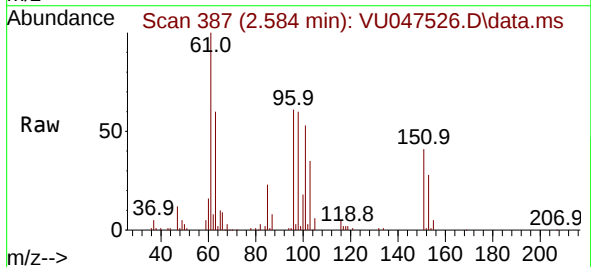
Tgt Ion: 96 Resp: 40946

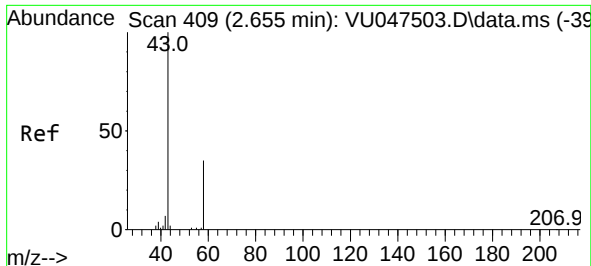
Ion Ratio Lower Upper

96 100

61 162.9 108.8 202.0

63 98.3 64.0 119.0





#13

Acetone

Concen: 67.881 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

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ClientSampleId :

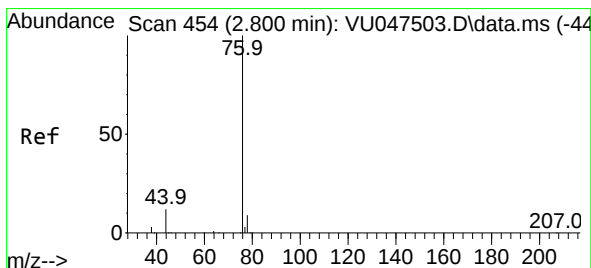
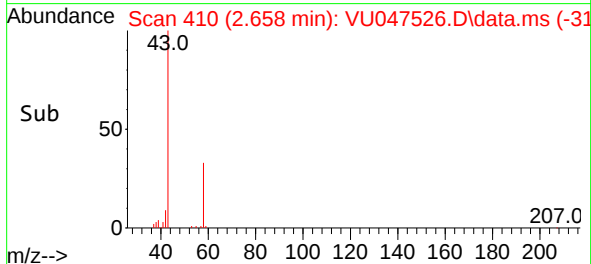
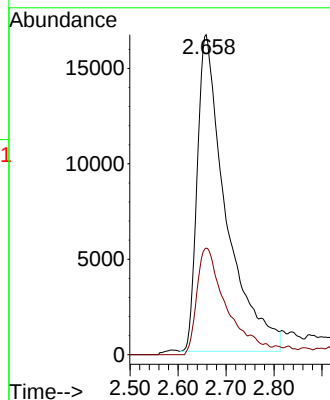
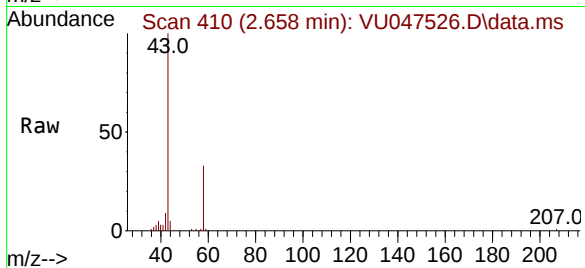
ETNH9MS

Tgt Ion: 43 Resp: 69048

Ion Ratio Lower Upper

43 100

58 32.0 0.0 72.6



#14

Carbon disulfide

Concen: 5.684 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047526.D

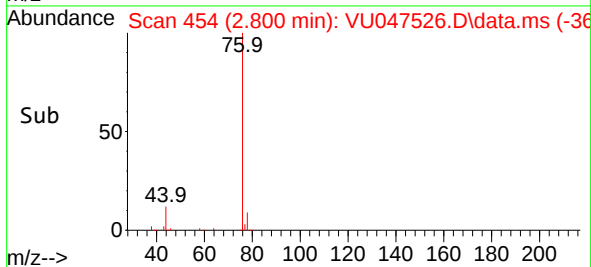
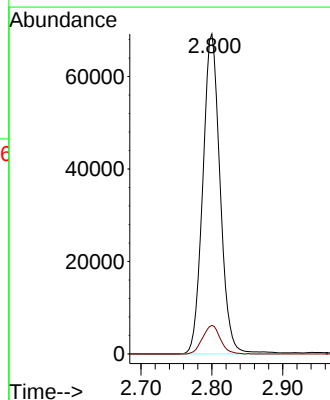
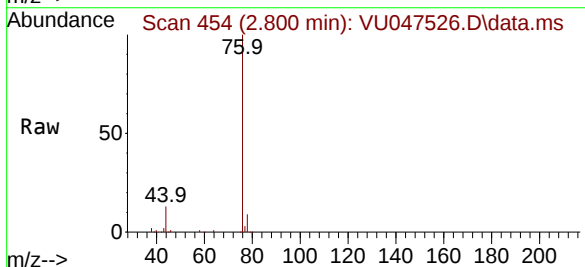
Acq: 12 Mar 2022 04:59

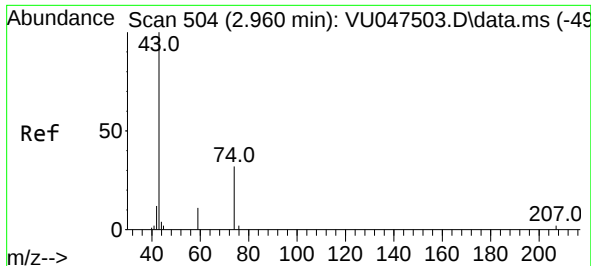
Tgt Ion: 76 Resp: 117458

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

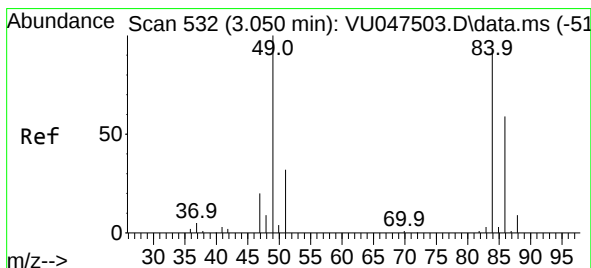
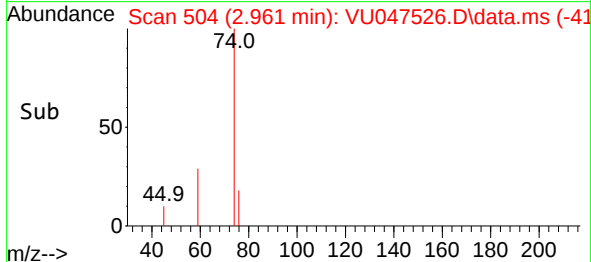
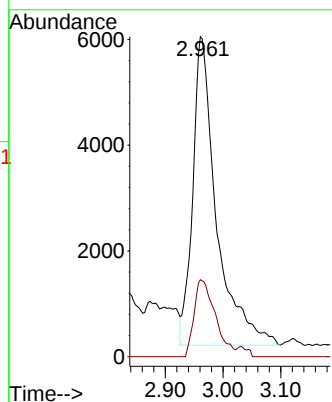
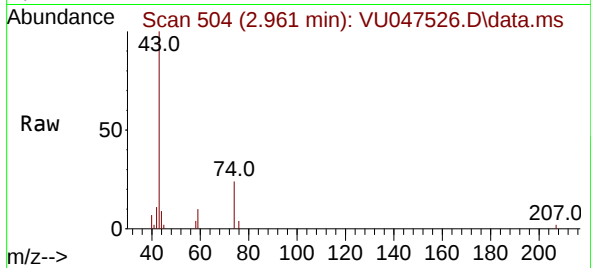




#15
Methyl Acetate
Concen: 6.185 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

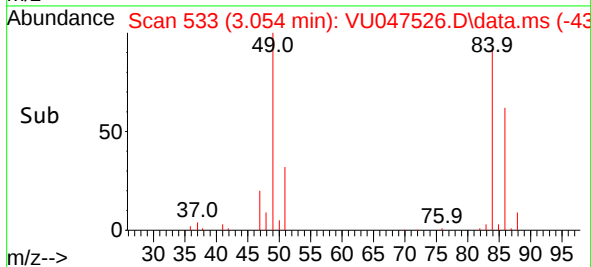
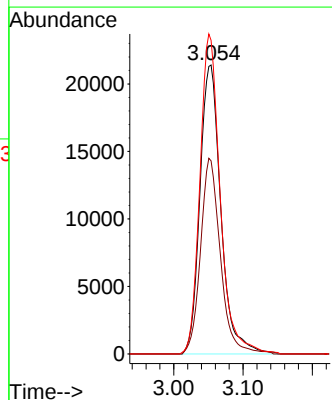
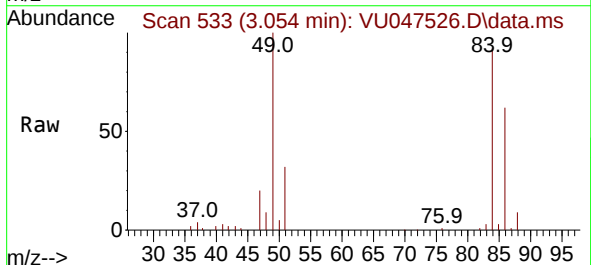
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

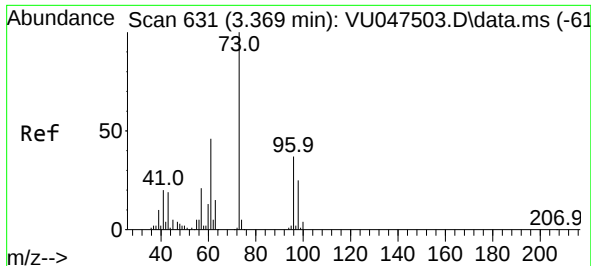
Tgt Ion: 43 Resp: 16624
Ion Ratio Lower Upper
43 100
74 22.3 20.2 30.2



#16
Methylene chloride
Concen: 5.600 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 84 Resp: 44995
Ion Ratio Lower Upper
84 100
86 66.8 45.9 85.3
49 108.5 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.898 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MS

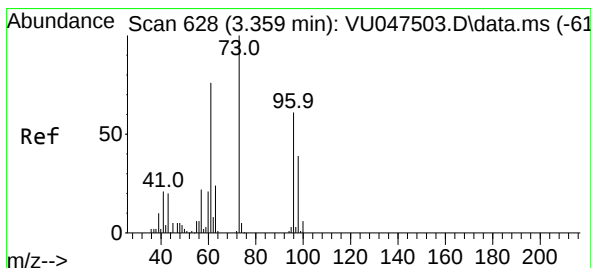
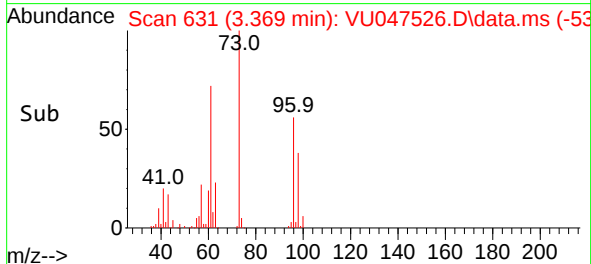
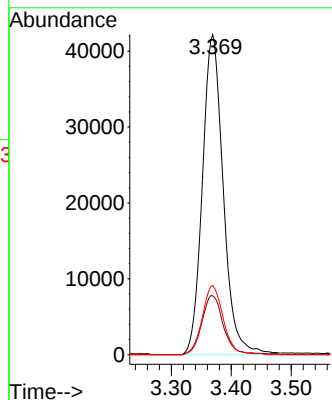
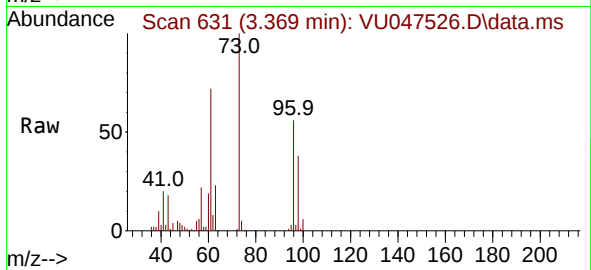
Tgt Ion: 73 Resp: 102385

Ion Ratio Lower Upper

73 100

43 18.7 14.6 22.0

57 21.6 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 8.524 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

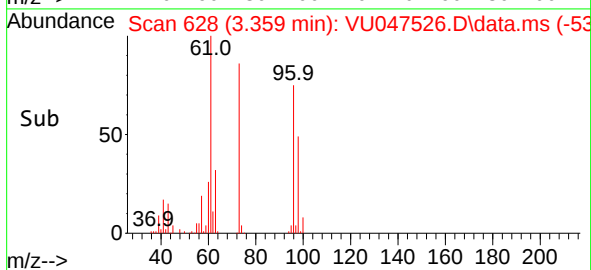
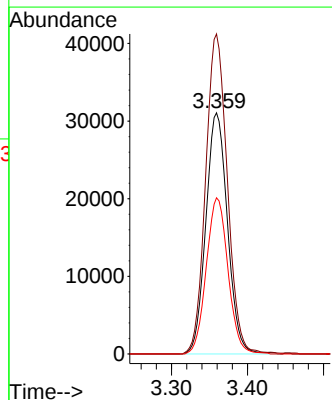
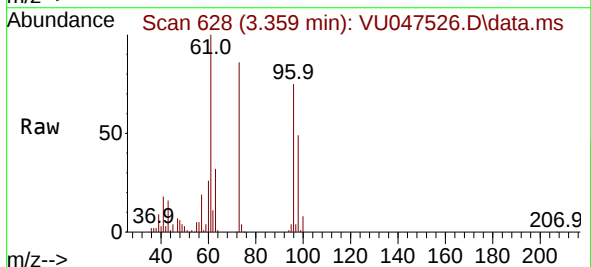
Tgt Ion: 96 Resp: 61433

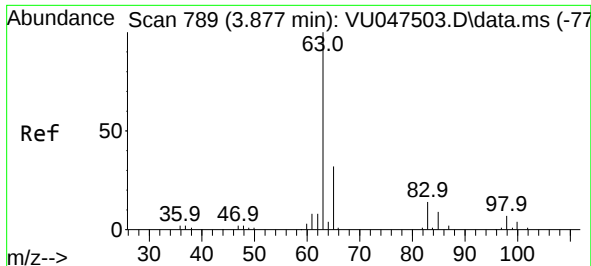
Ion Ratio Lower Upper

96 100

61 132.7 90.4 167.8

98 64.8 45.0 83.6





#19

1,1-Dichloroethane

Concen: 6.205 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MS

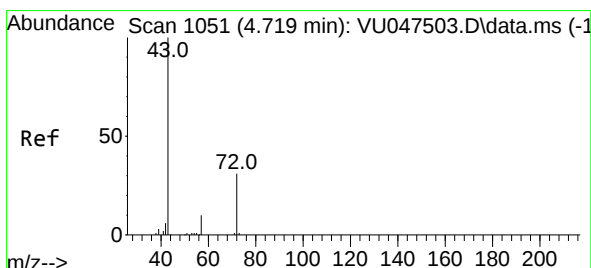
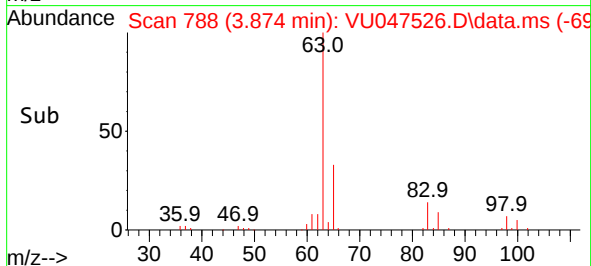
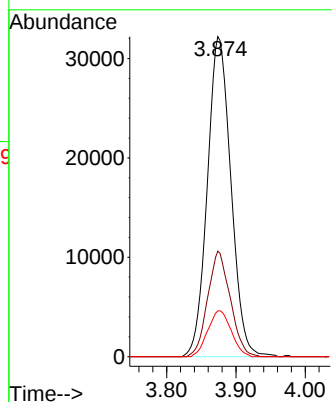
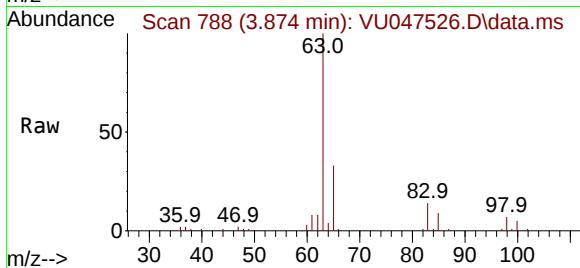
Tgt Ion: 63 Resp: 76058

Ion Ratio Lower Upper

63 100

65 33.0 22.8 42.4

83 14.3 9.9 18.3



#21

2-Butanone

Concen: 64.903 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU047526.D

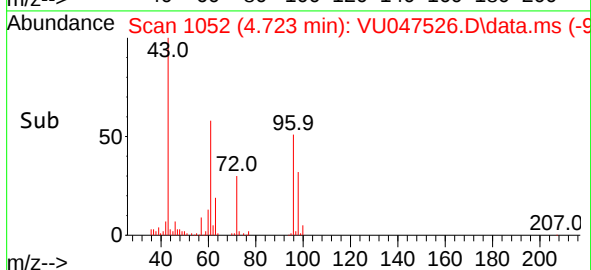
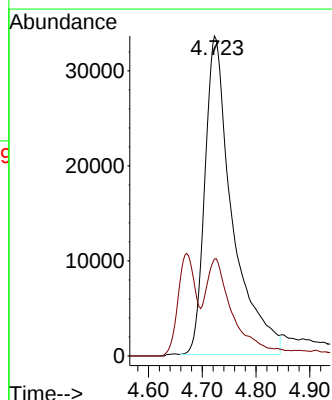
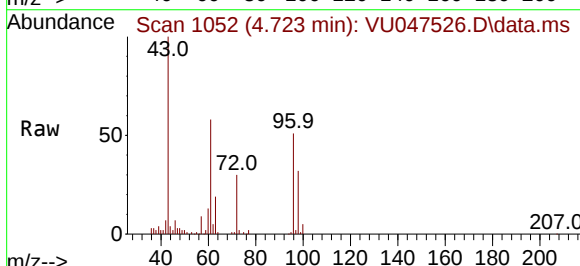
Acq: 12 Mar 2022 04:59

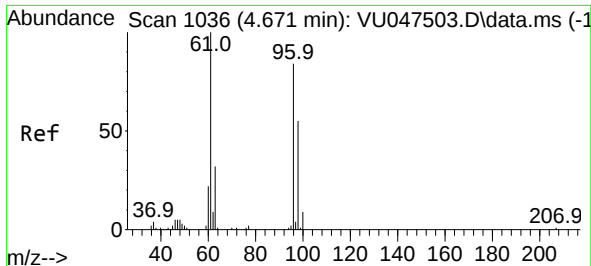
Tgt Ion: 43 Resp: 118889

Ion Ratio Lower Upper

43 100

72 27.8 14.7 44.1



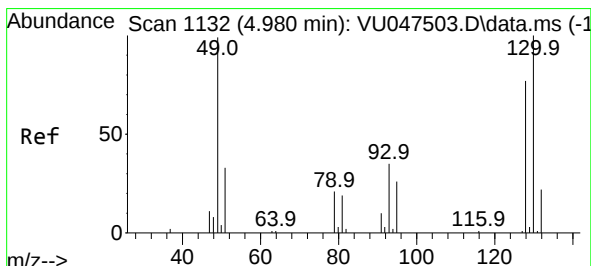
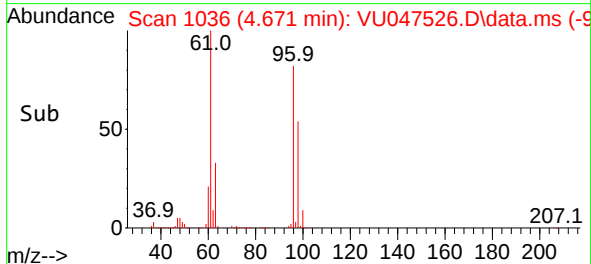
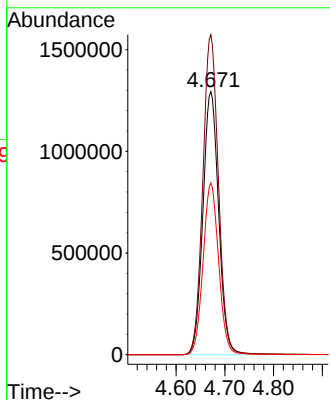
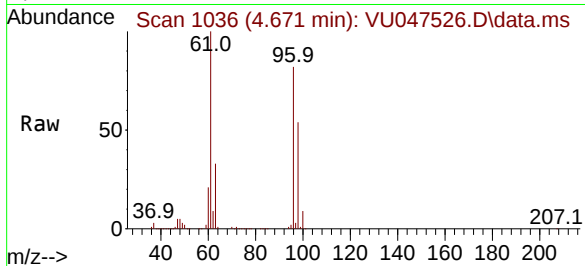


#22
 cis-1,2-Dichloroethene
 Concen: 363.228 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MS

Tgt Ion: 96 Resp: 2900688

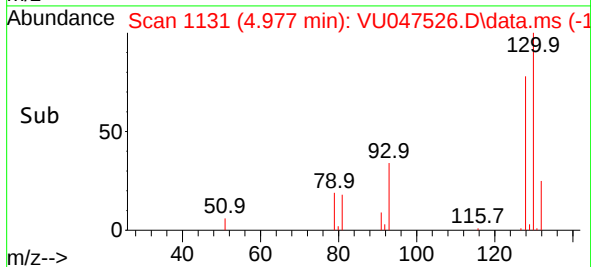
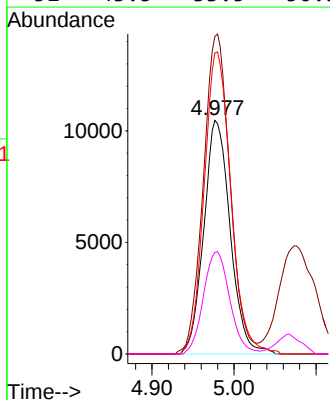
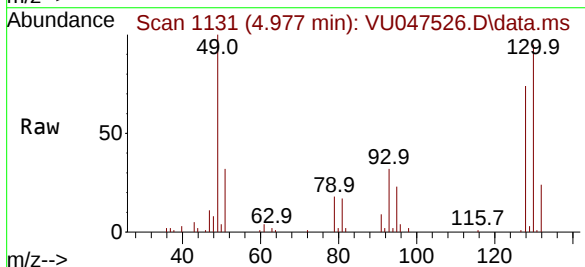
Ion	Ratio	Lower	Upper
96	100		
61	121.6	80.8	150.0
98	65.3	44.7	83.1

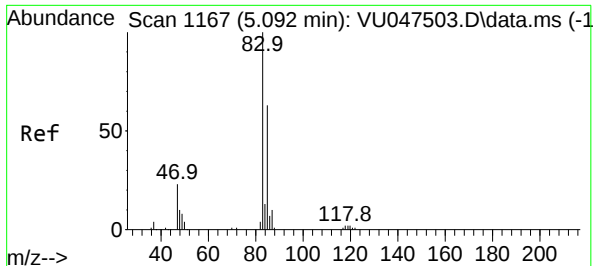


#23
 Bromochloromethane
 Concen: 6.143 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

Tgt Ion:128 Resp: 23439

Ion	Ratio	Lower	Upper
128	100		
49	135.9	91.6	170.2
130	128.8	89.6	166.4
51	43.5	33.5	50.3





#25

Chloroform

Concen: 5.971 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

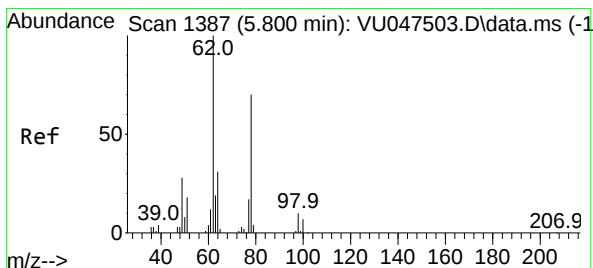
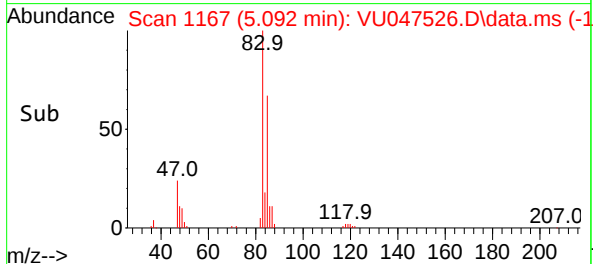
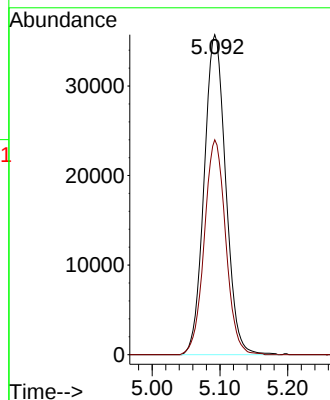
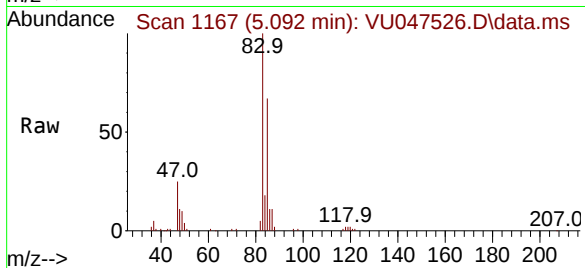
ETNH9MS

Tgt Ion: 83 Resp: 79245

Ion Ratio Lower Upper

83 100

85 67.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.990 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047526.D

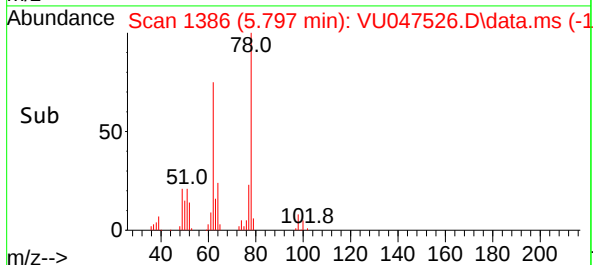
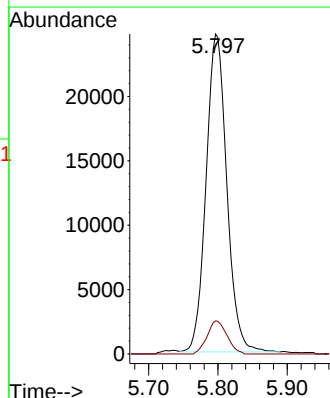
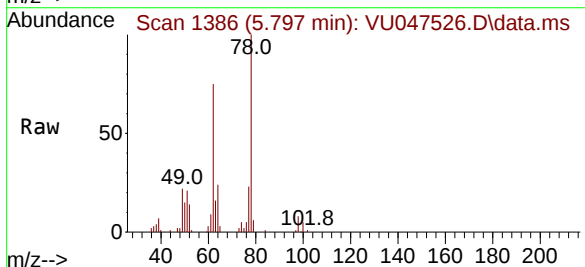
Acq: 12 Mar 2022 04:59

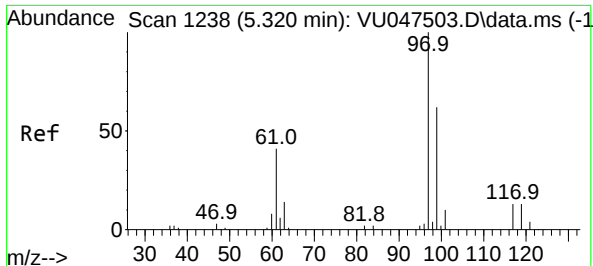
Tgt Ion: 62 Resp: 51178

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.815 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MS

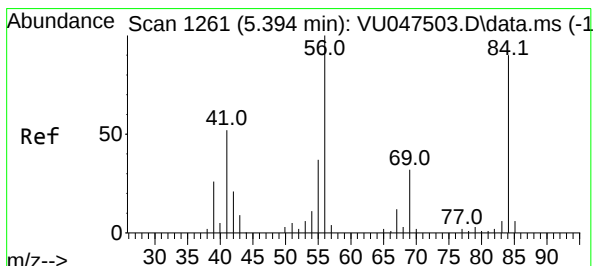
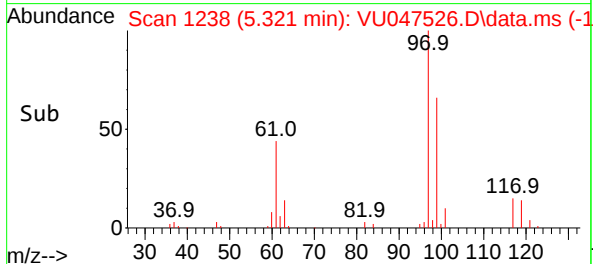
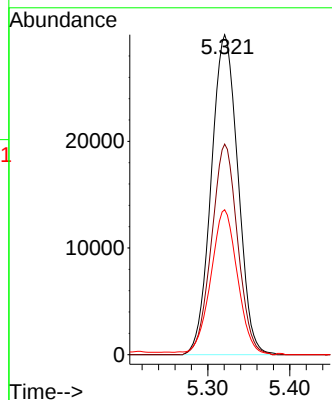
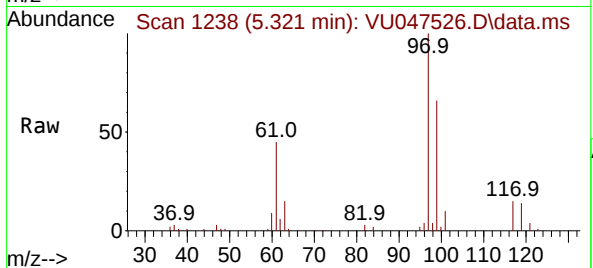
Tgt Ion: 97 Resp: 67913

Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 45.5 33.8 50.6



#30

Cyclohexane

Concen: 5.418 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

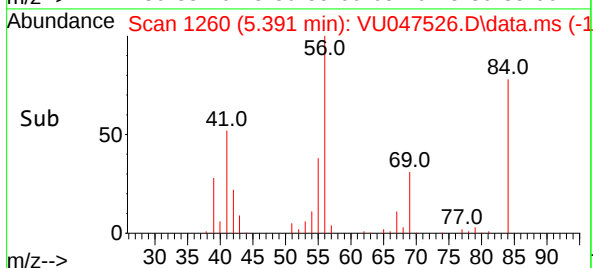
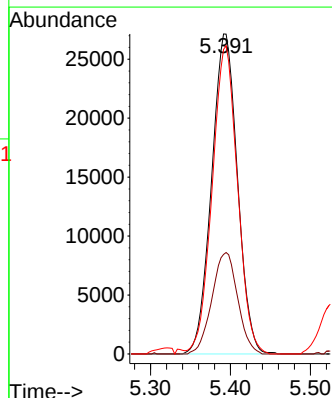
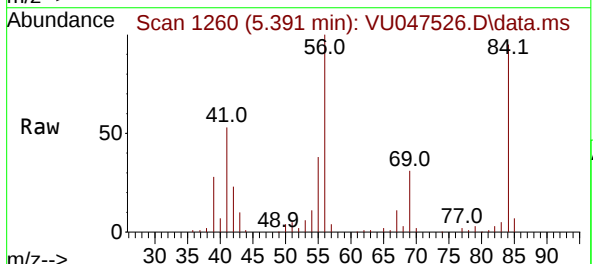
Tgt Ion: 56 Resp: 60957

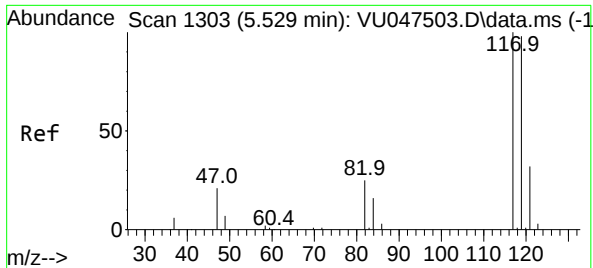
Ion Ratio Lower Upper

56 100

69 31.5 26.0 39.0

84 94.3 76.3 114.5

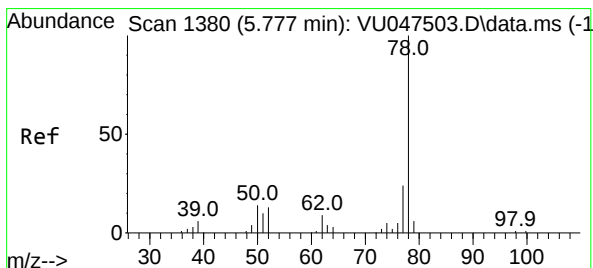
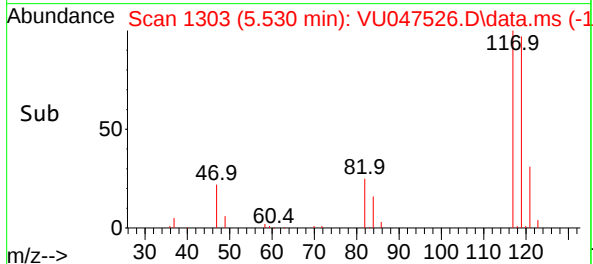
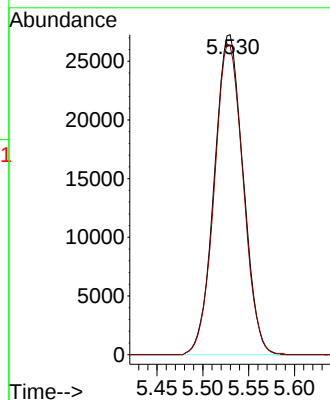
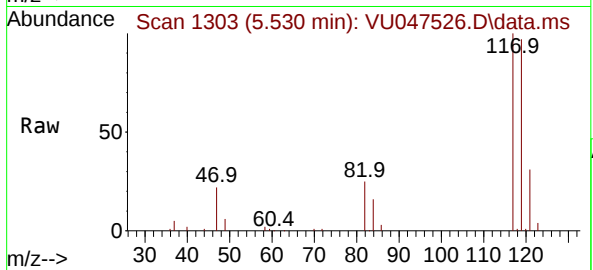




#31
Carbon tetrachloride
Concen: 5.824 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

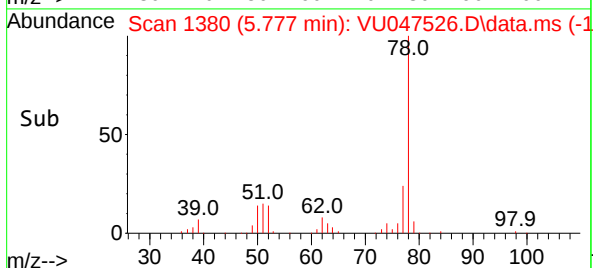
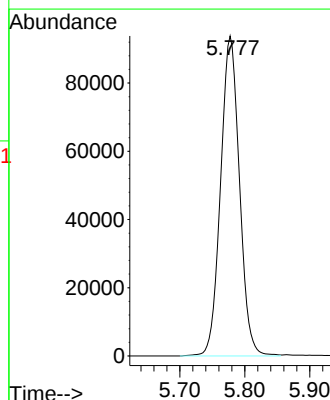
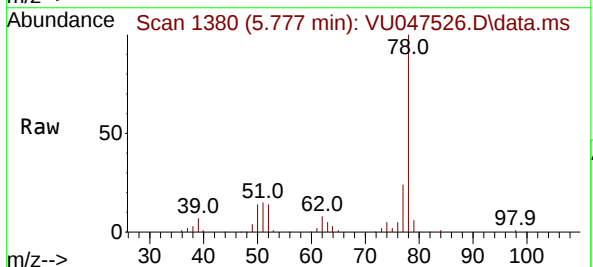
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

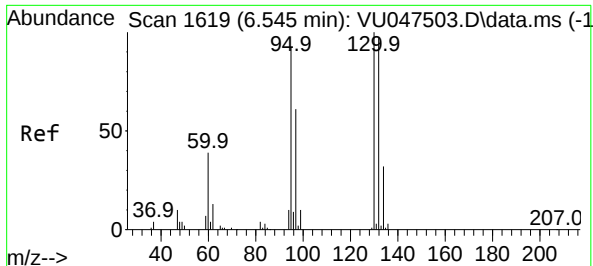
Tgt Ion:117 Resp: 59734
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8



#33
Benzene
Concen: 6.189 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 78 Resp: 188919

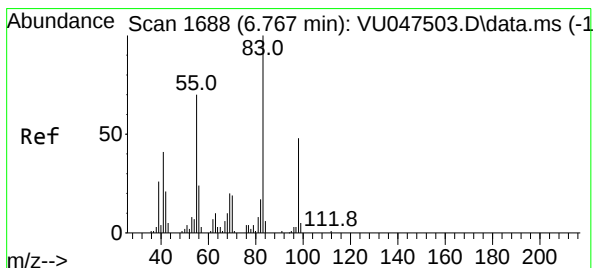
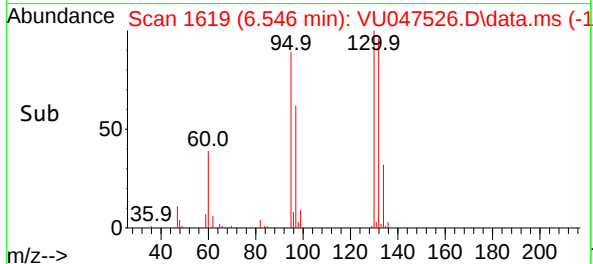
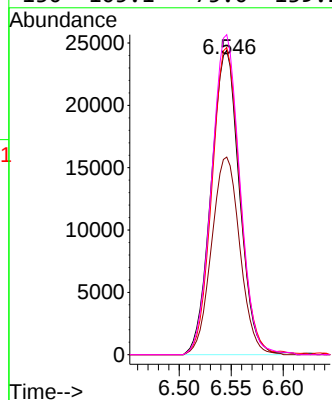
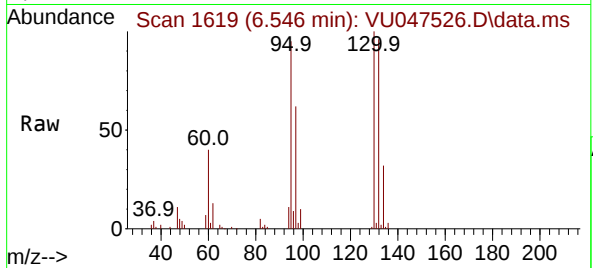




#34
Trichloroethene
Concen: 5.666 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

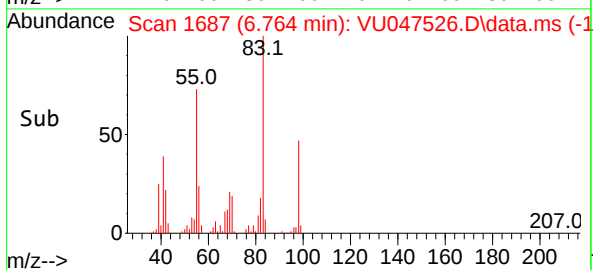
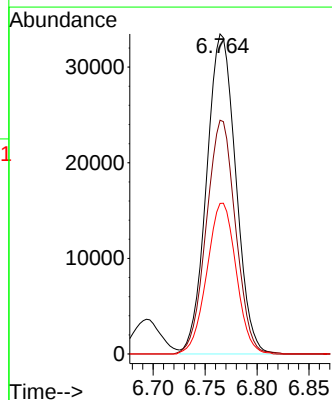
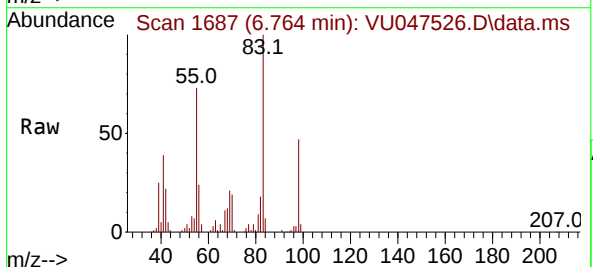
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

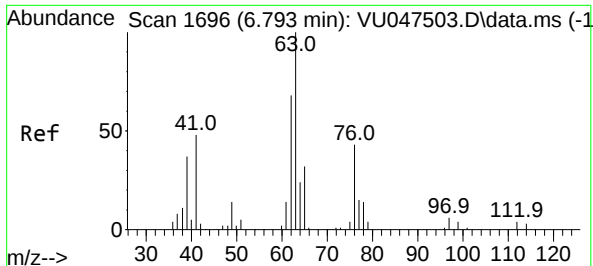
Tgt Ion: 95 Resp: 46236
Ion Ratio Lower Upper
95 100
97 64.9 46.3 85.9
132 100.9 71.7 133.1
130 105.1 75.0 139.2



#35
Methylcyclohexane
Concen: 5.083 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 83 Resp: 65434
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.8
98 47.2 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.816 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

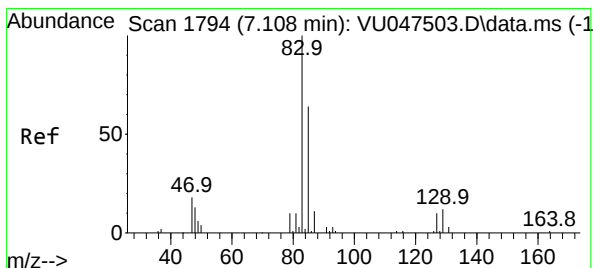
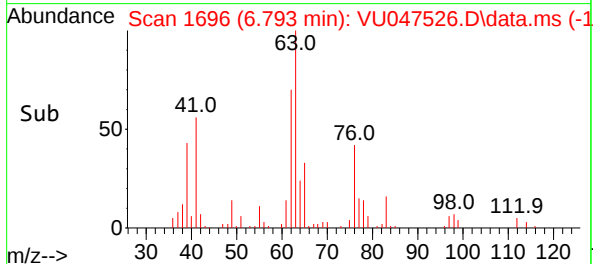
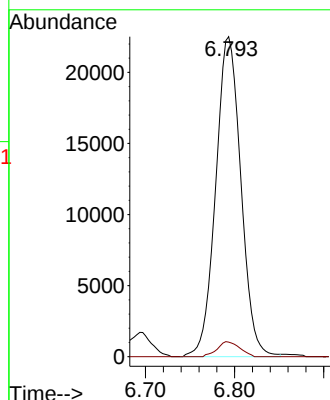
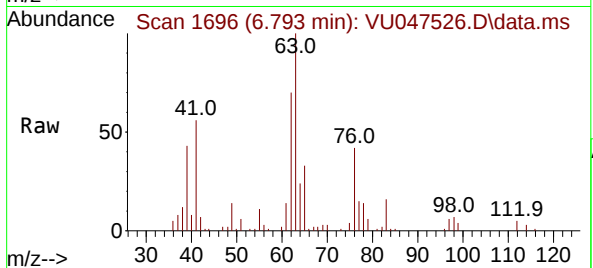
ETNH9MS

Tgt Ion: 63 Resp: 44214

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.899 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

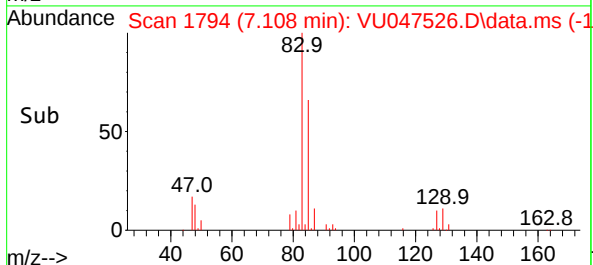
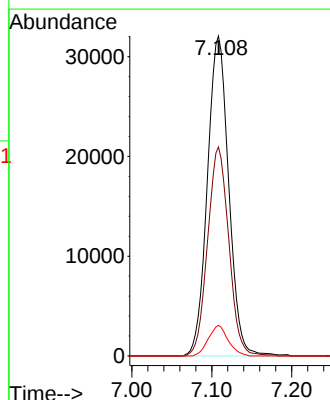
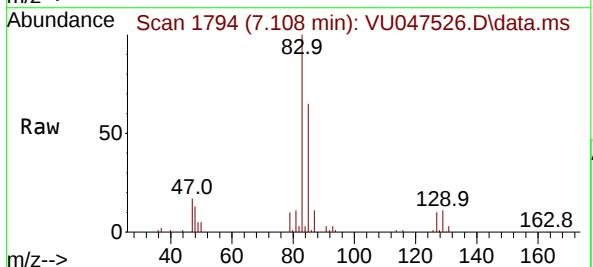
Tgt Ion: 83 Resp: 59540

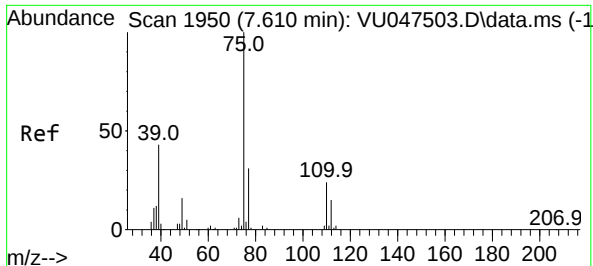
Ion Ratio Lower Upper

83 100

85 65.3 45.0 83.6

127 9.5 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.378 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

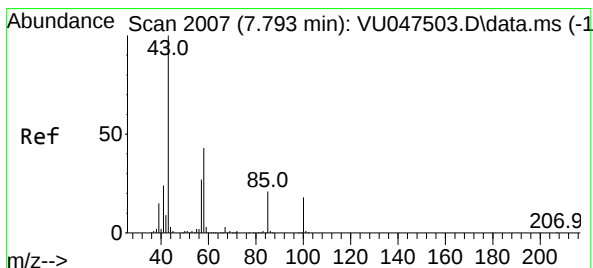
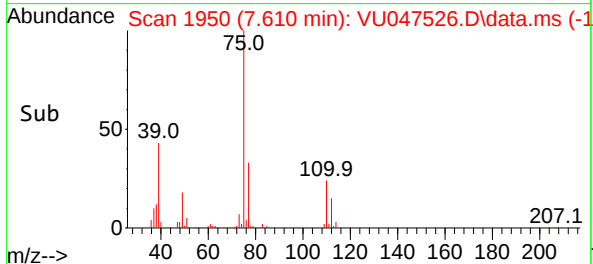
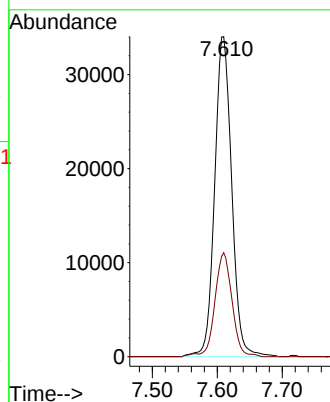
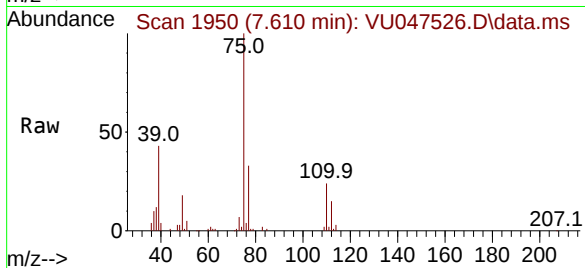
ETNH9MS

Tgt Ion: 75 Resp: 61990

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 58.727 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

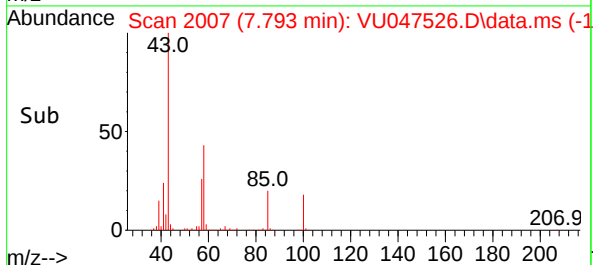
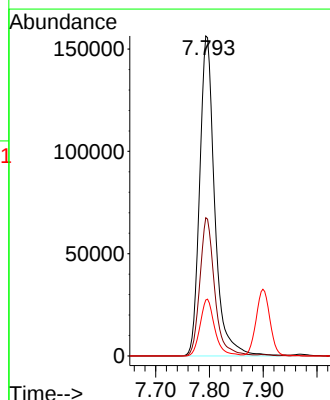
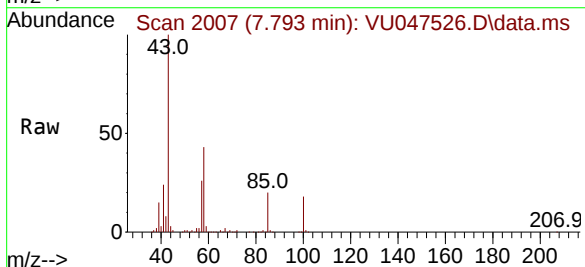
Tgt Ion: 43 Resp: 304360

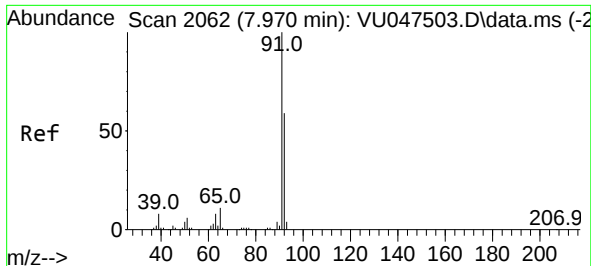
Ion Ratio Lower Upper

43 100

58 42.6 34.8 52.2

100 17.3 14.2 21.4





#42

Toluene

Concen: 5.842 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

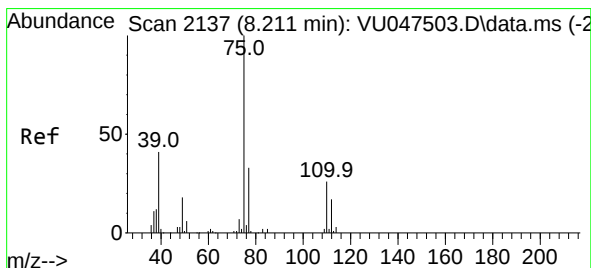
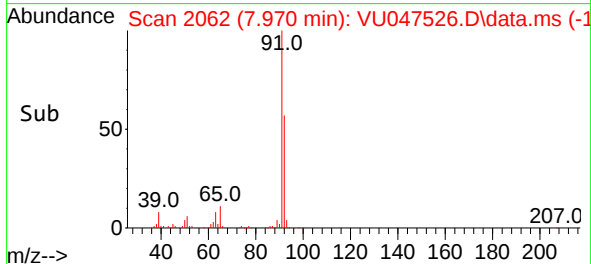
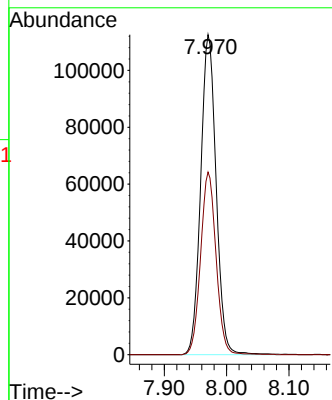
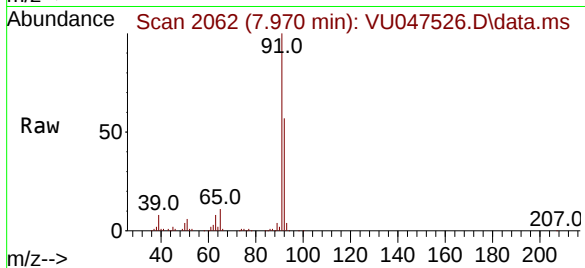
ETNH9MS

Tgt Ion: 91 Resp: 193748

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.408 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047526.D

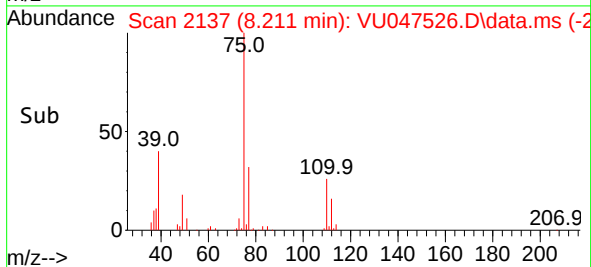
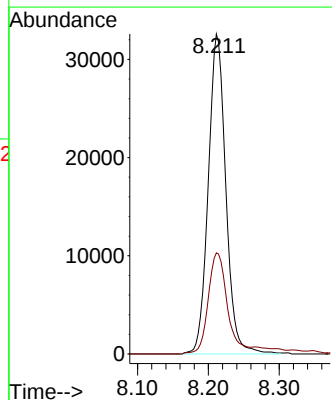
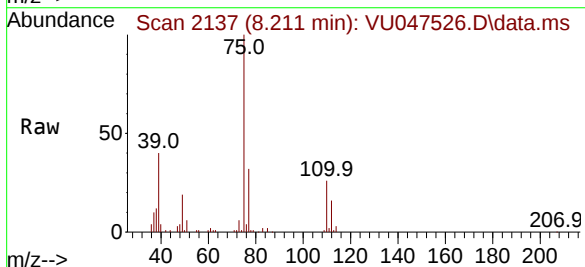
Acq: 12 Mar 2022 04:59

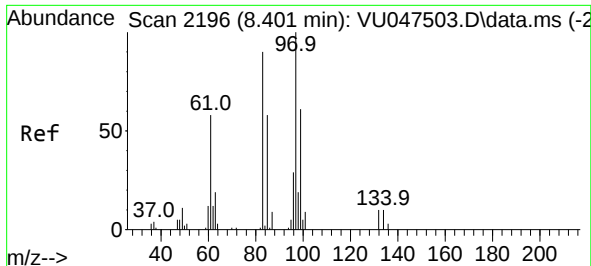
Tgt Ion: 75 Resp: 56215

Ion Ratio Lower Upper

75 100

77 31.6 23.6 43.8

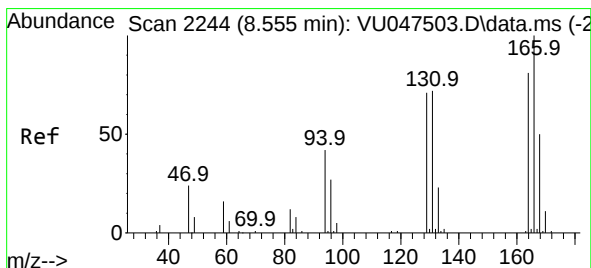
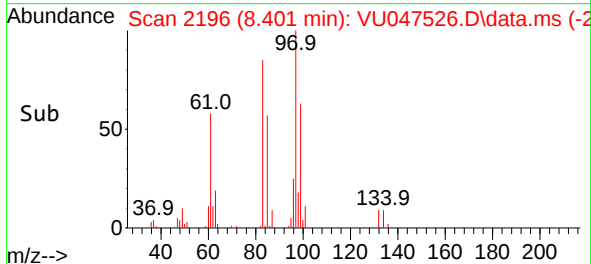
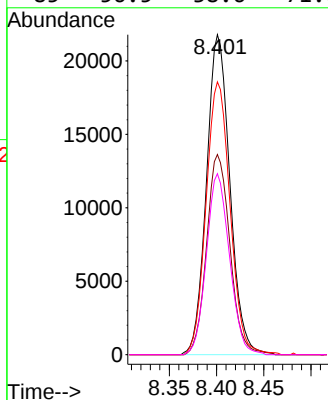
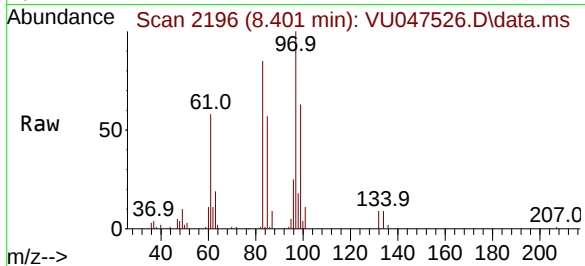




#45
1,1,2-Trichloroethane
Concen: 6.026 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

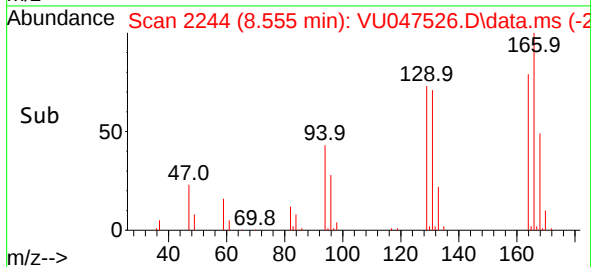
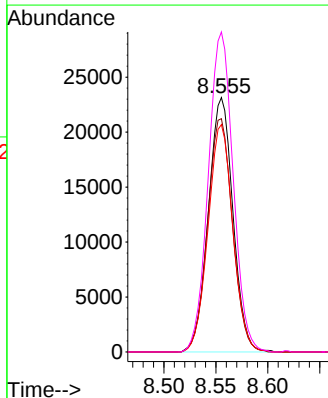
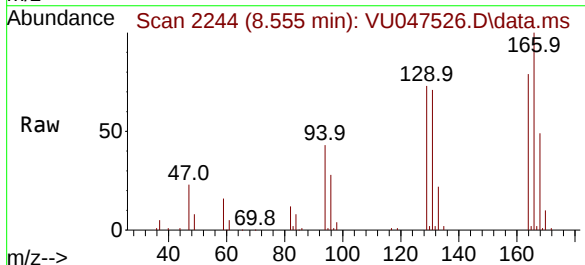
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

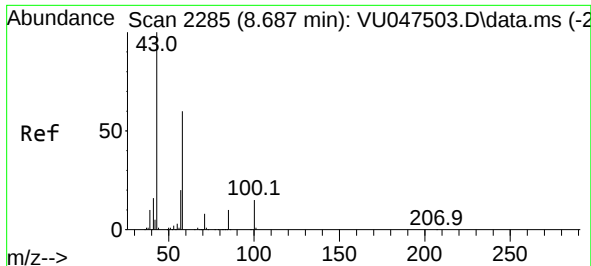
Tgt Ion:	97	Resp:	37546
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.5
83	85.2	59.1	109.9
85	56.5	38.6	71.6



#47
Tetrachloroethene
Concen: 5.511 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion:	164	Resp:	38151
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.9	120.5
131	89.4	63.6	118.2
166	125.8	91.4	169.8



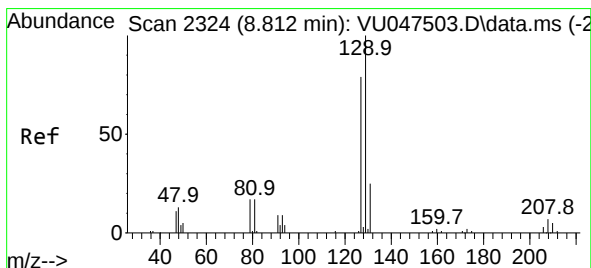
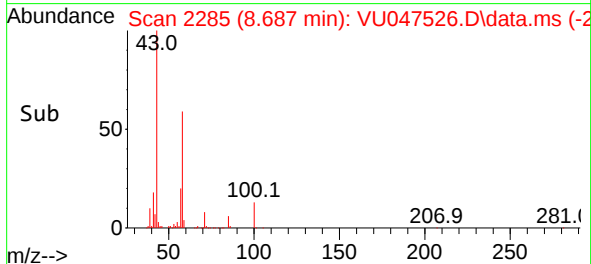
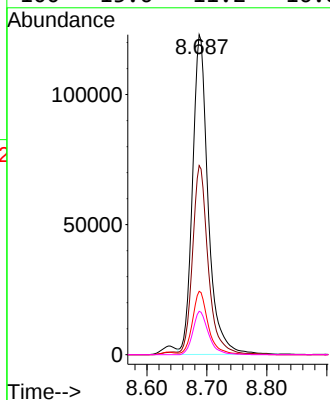
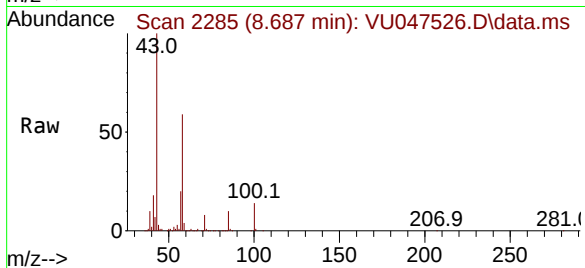


#48
2-Hexanone
Concen: 59.412 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

Tgt Ion: 43 Resp: 223391

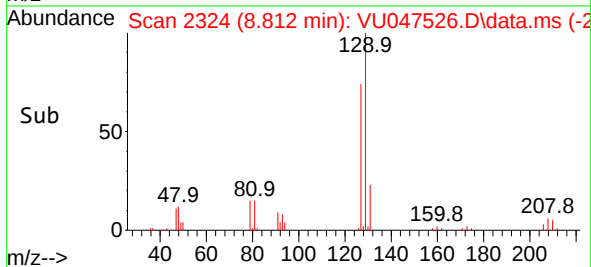
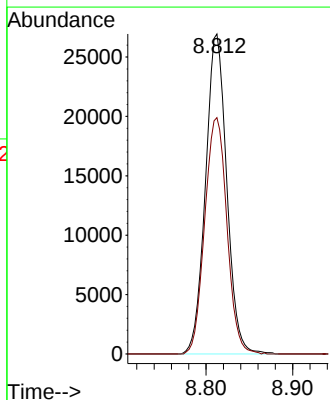
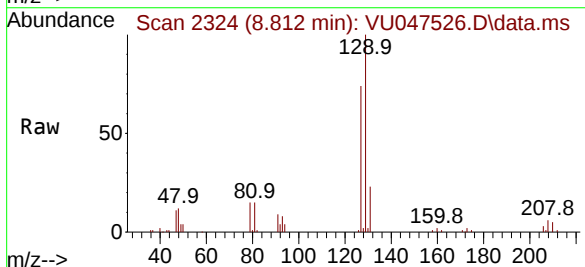
Ion	Ratio	Lower	Upper
43	100		
58	58.4	47.7	71.5
57	19.7	16.6	25.0
100	13.6	11.2	16.8

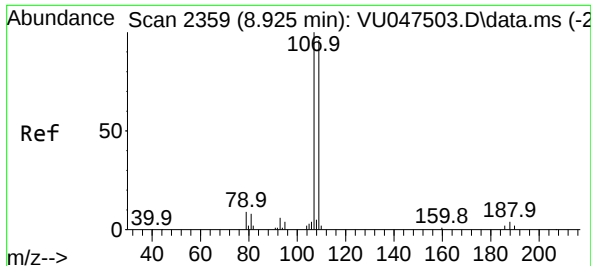


#49
Dibromochloromethane
Concen: 6.059 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 129 Resp: 45861

Ion	Ratio	Lower	Upper
129	100		
127	73.8	52.6	97.8





#50

1,2-Dibromoethane

Concen: 5.788 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MS

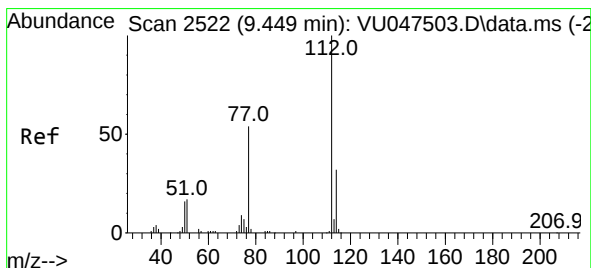
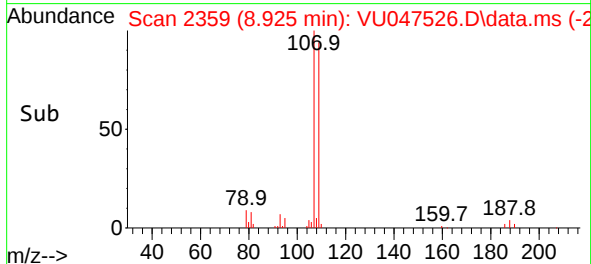
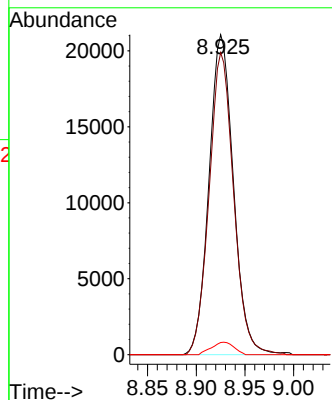
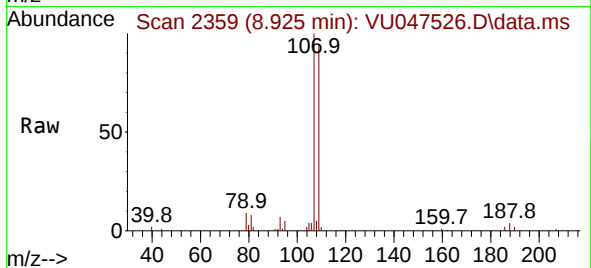
Tgt Ion:107 Resp: 36695

Ion Ratio Lower Upper

107 100

109 94.4 65.8 122.2

188 3.8 3.3 4.9



#51

Chlorobenzene

Concen: 5.675 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047526.D

Acq: 12 Mar 2022 04:59

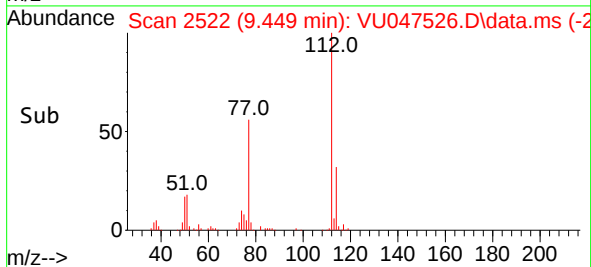
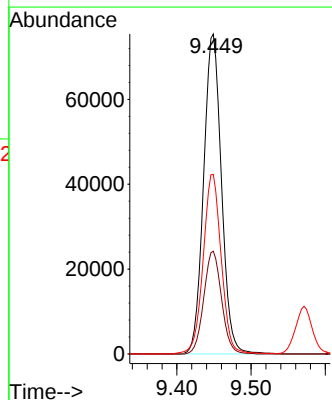
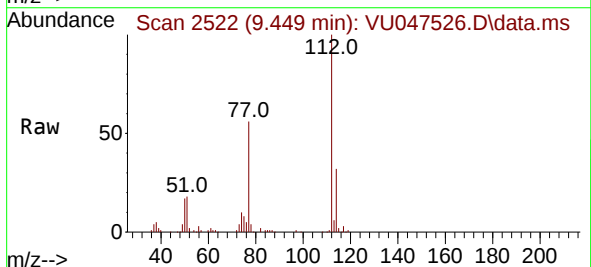
Tgt Ion:112 Resp: 125905

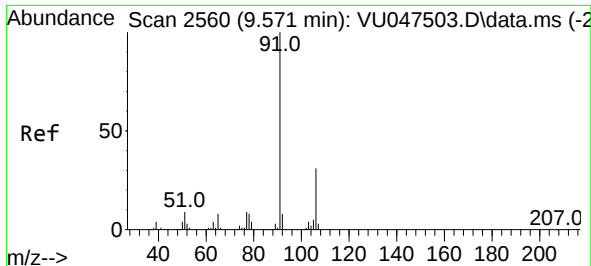
Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 56.1 45.0 67.6

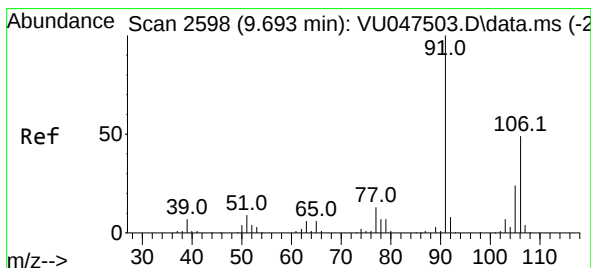
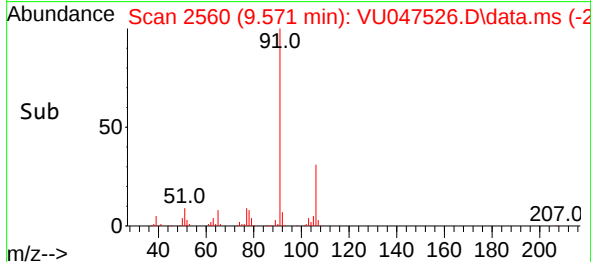
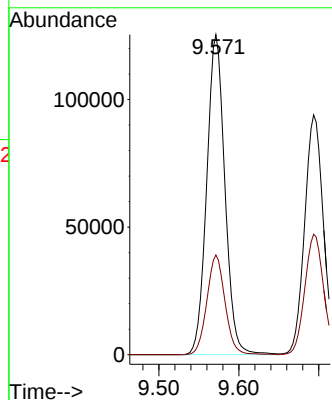
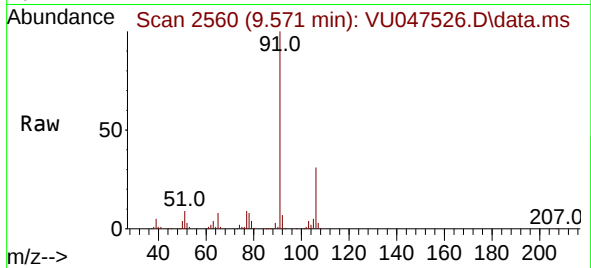




#52
Ethylbenzene
Concen: 5.515 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

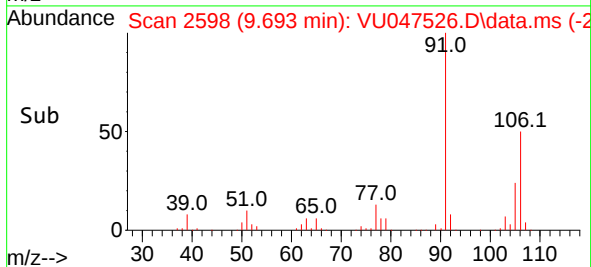
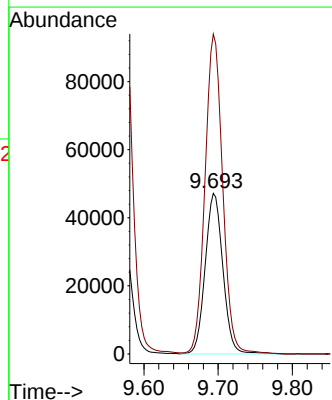
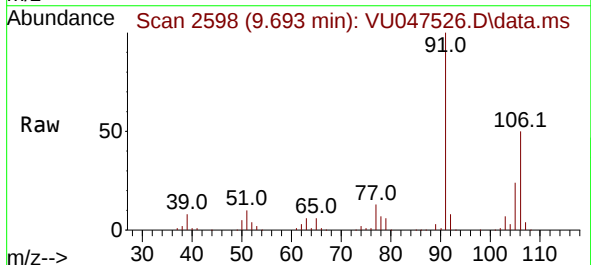
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

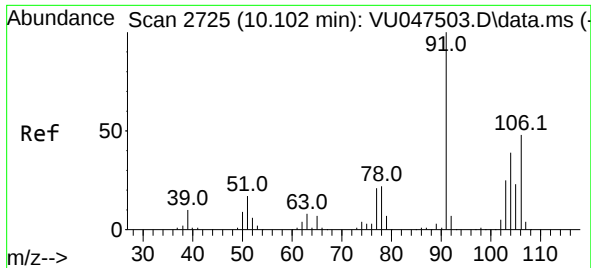
Tgt Ion: 91 Resp: 198072
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 5.537 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 106 Resp: 78010
Ion Ratio Lower Upper
106 100
91 199.2 138.8 257.8

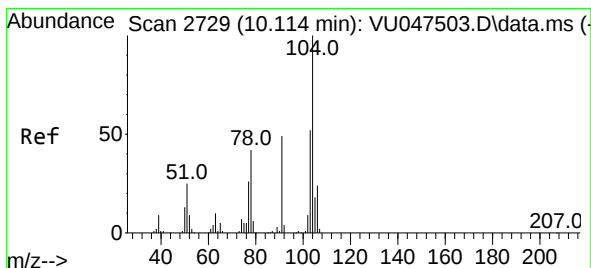
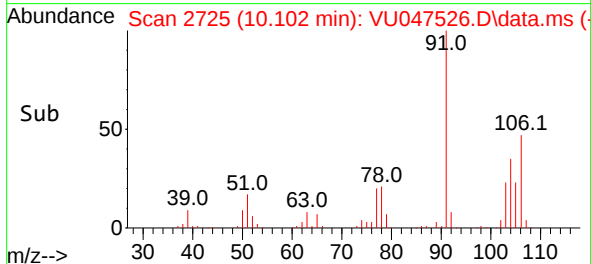
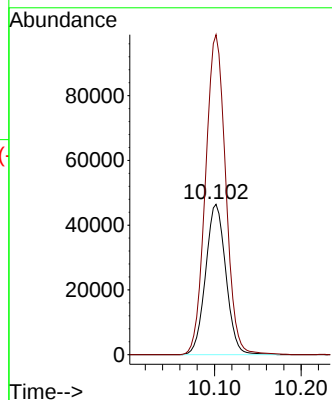
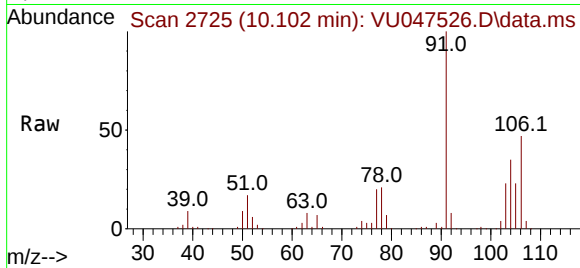




#54
o-Xylene
Concen: 5.542 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

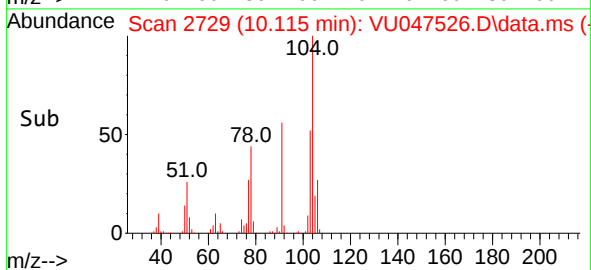
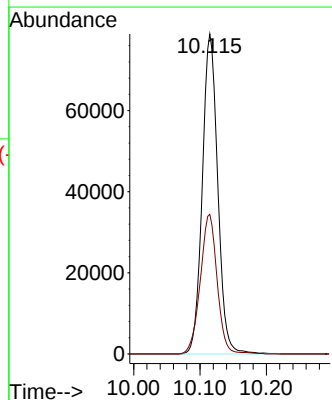
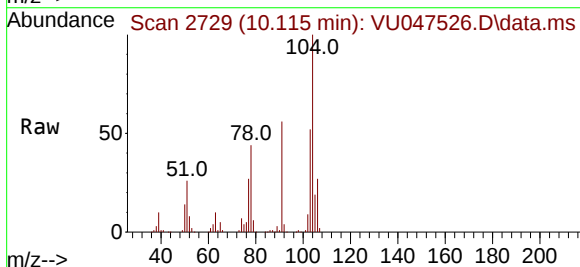
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

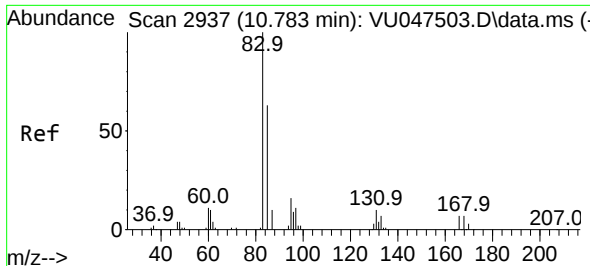
Tgt Ion:106 Resp: 75653
Ion Ratio Lower Upper
106 100
91 212.7 149.2 277.0



#55
Styrene
Concen: 5.533 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion:104 Resp: 127673
Ion Ratio Lower Upper
104 100
78 43.7 30.4 56.4

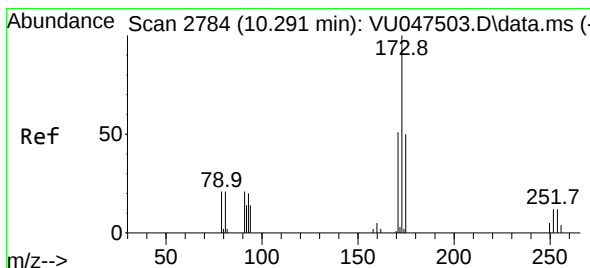
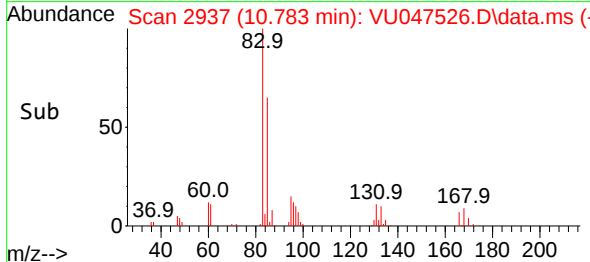
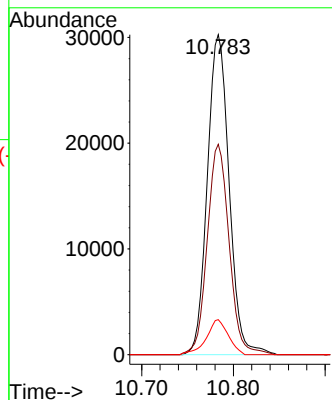
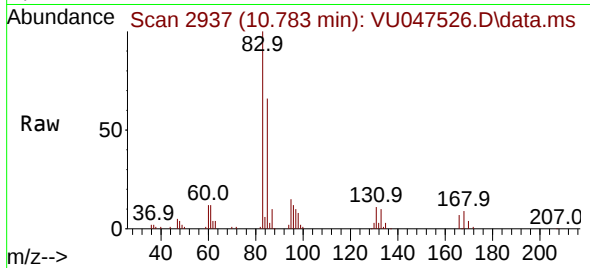




#57
1,1,2,2-Tetrachloroethane
Concen: 5.999 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

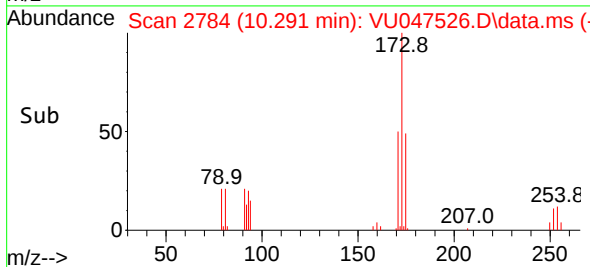
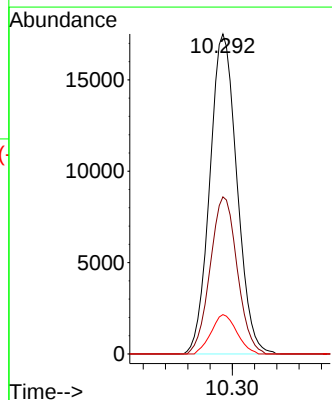
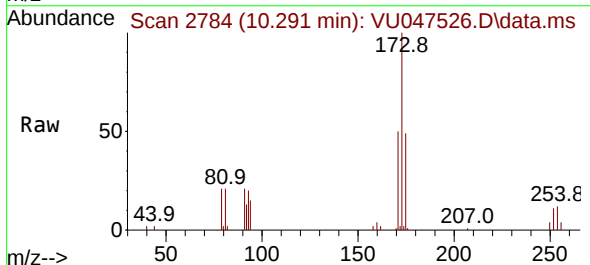
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

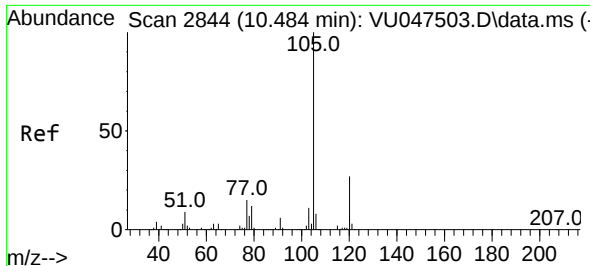
Tgt Ion: 83 Resp: 50034
Ion Ratio Lower Upper
83 100
85 65.8 46.0 85.4
131 11.0 8.2 12.4



#59
Bromoform
Concen: 6.225 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 173 Resp: 29553
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 11.7 9.0 13.4

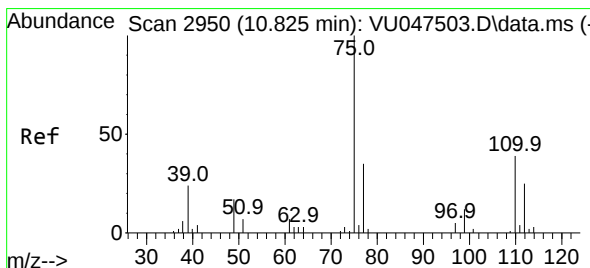
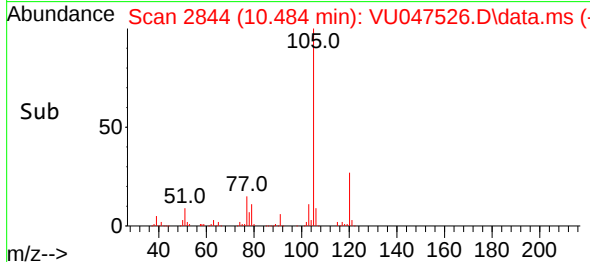
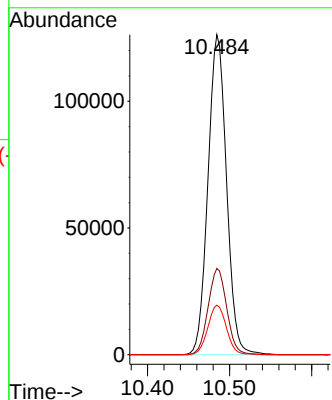
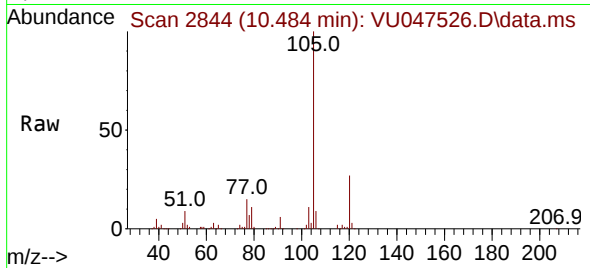




#60
Isopropylbenzene
Concen: 5.620 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

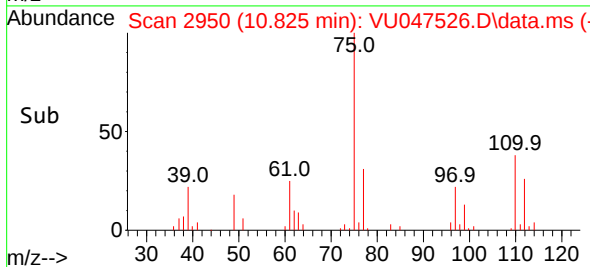
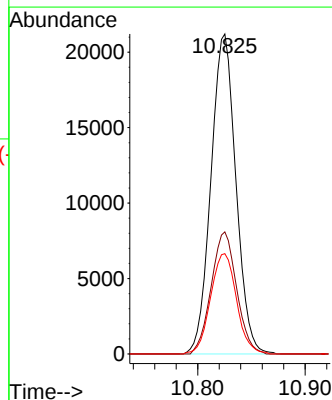
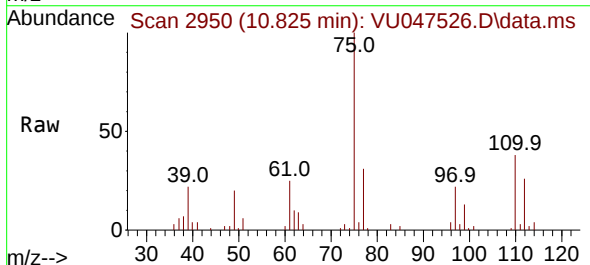
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

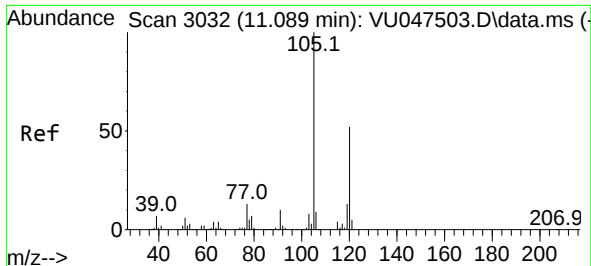
Tgt Ion:105 Resp: 198282
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.858 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 75 Resp: 34216
Ion Ratio Lower Upper
75 100
110 38.8 31.0 46.4
77 32.6 26.2 39.4

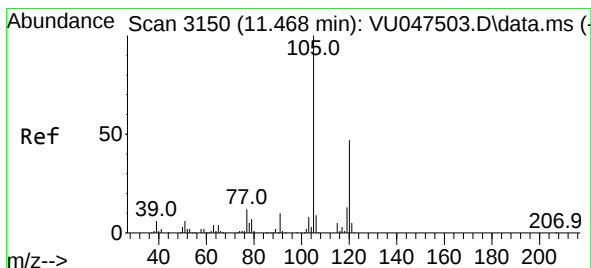
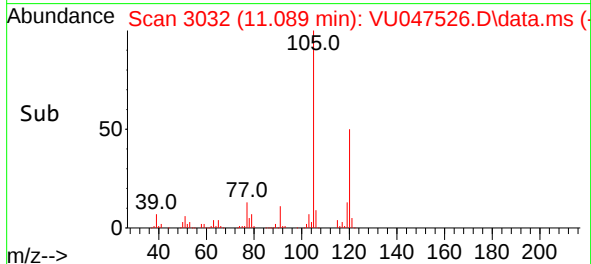
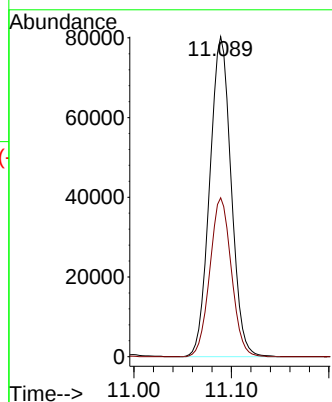
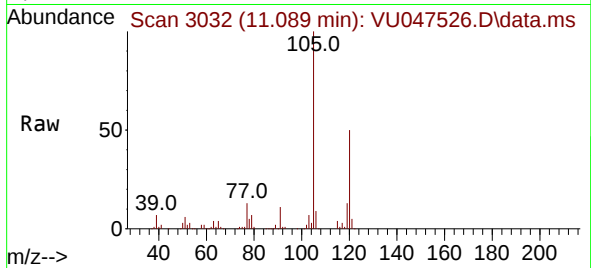




#62
 1,3,5-Trimethylbenzene
 Concen: 5.300 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

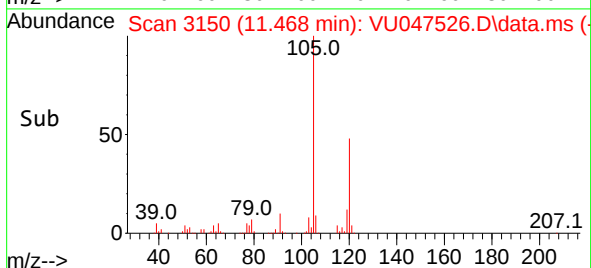
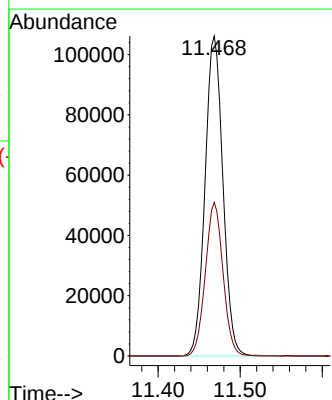
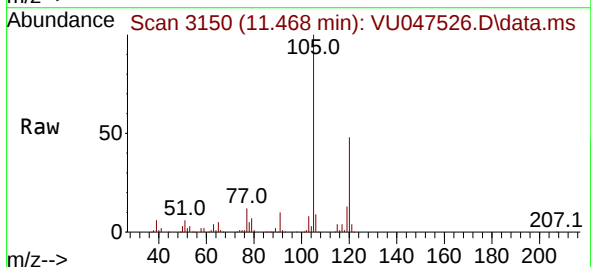
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MS

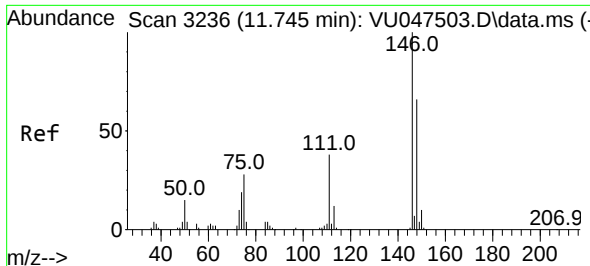
Tgt Ion:105 Resp: 122650
 Ion Ratio Lower Upper
 105 100
 120 49.8 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.347 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

Tgt Ion:105 Resp: 160508
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.2 55.8

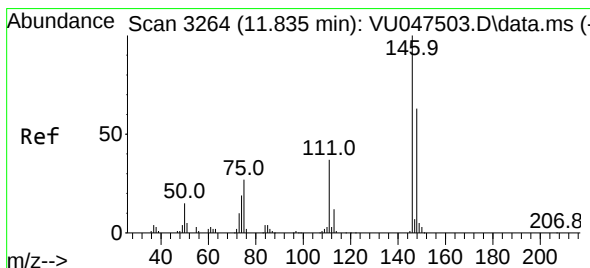
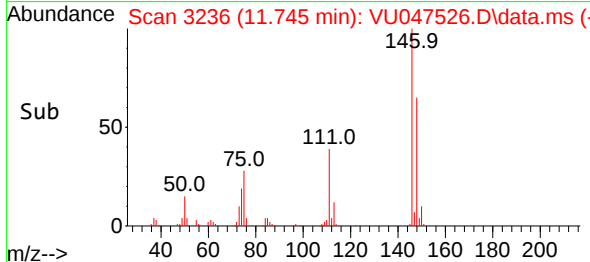
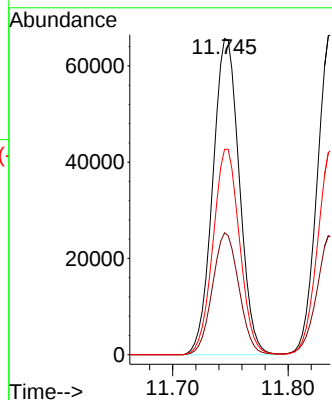
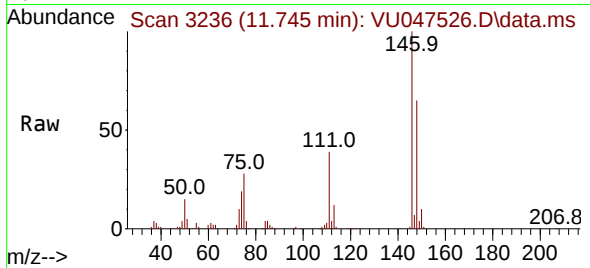




#64
1,3-Dichlorobenzene
Concen: 5.618 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

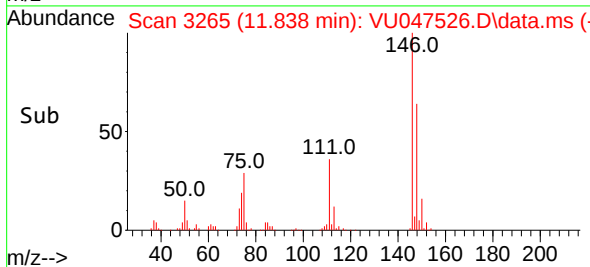
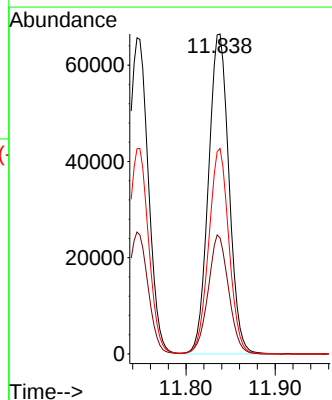
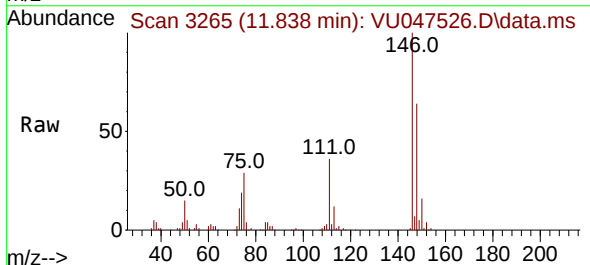
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

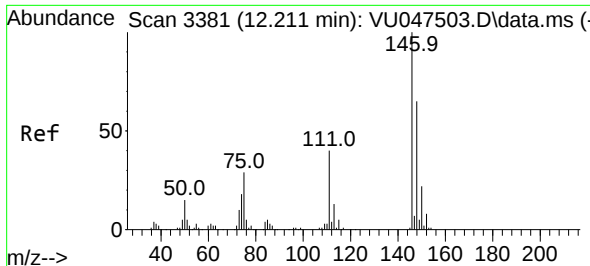
Tgt Ion:146 Resp: 105063
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 64.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.599 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion:146 Resp: 106318
Ion Ratio Lower Upper
146 100
111 36.3 26.1 48.5
148 64.2 45.6 84.6

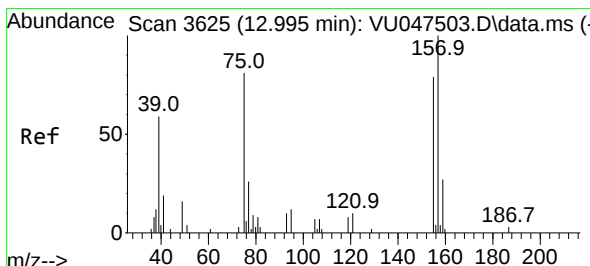
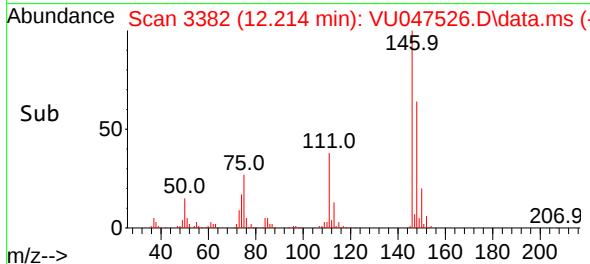
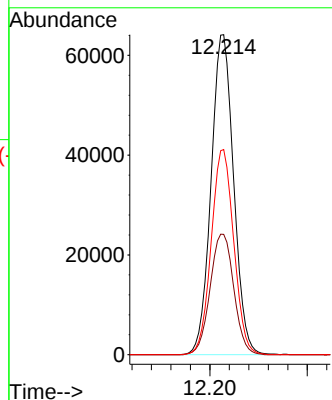
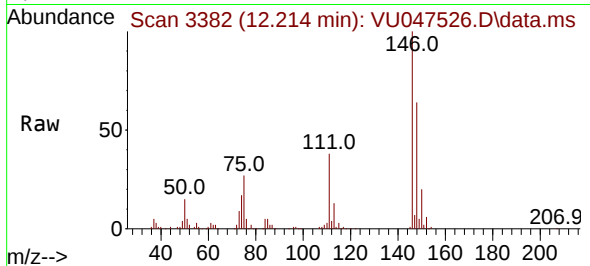




#67
1,2-Dichlorobenzene
Concen: 5.738 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

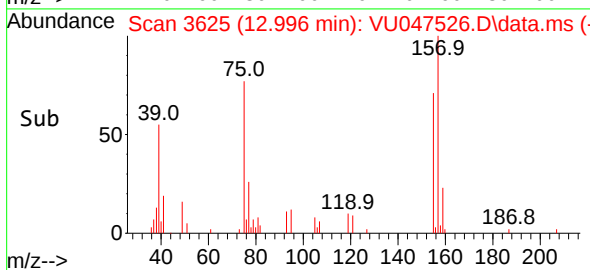
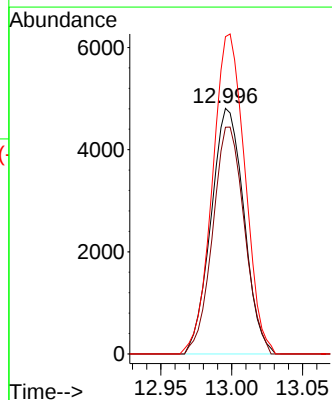
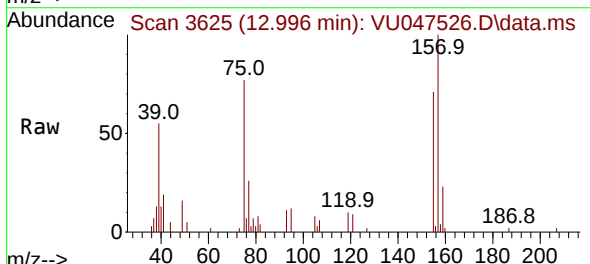
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

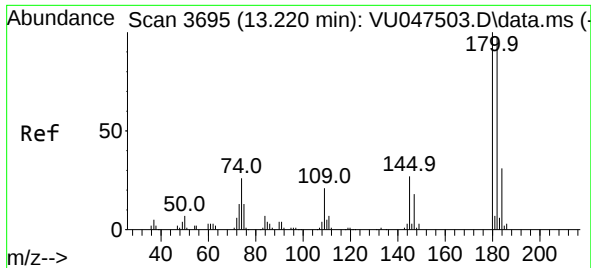
Tgt Ion:146 Resp: 103109
Ion Ratio Lower Upper
146 100
111 37.6 31.9 47.9
148 64.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.904 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion: 75 Resp: 7775
Ion Ratio Lower Upper
75 100
155 92.3 71.3 106.9
157 129.1 88.6 132.8

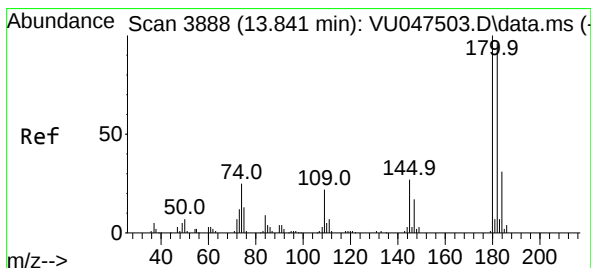
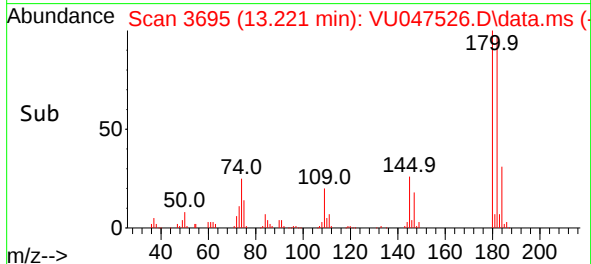
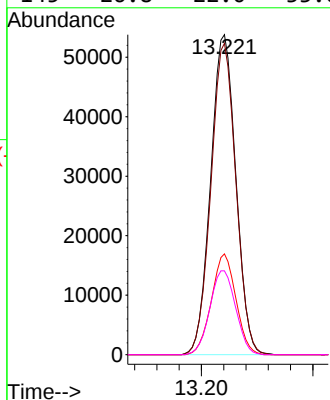
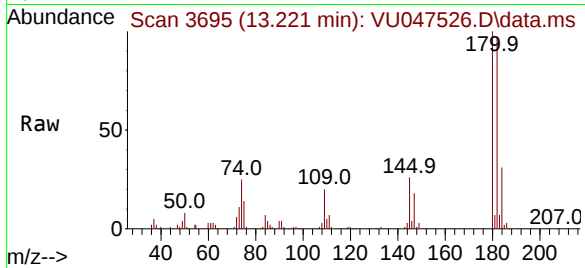




#69
 1,3,5-Trichlorobenzene
 Concen: 5.499 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

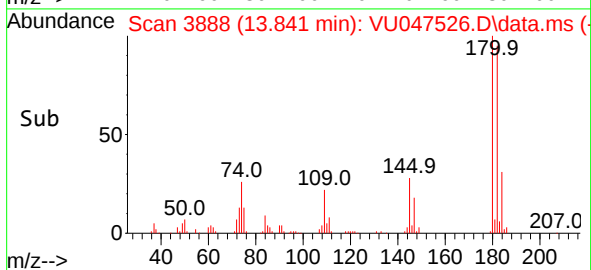
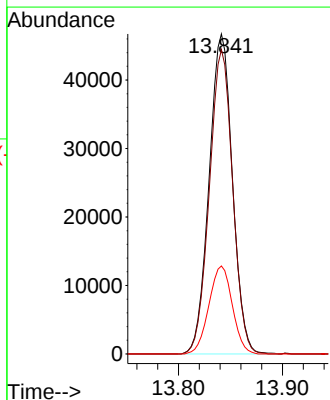
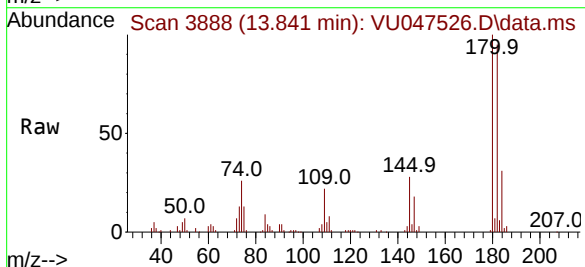
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MS

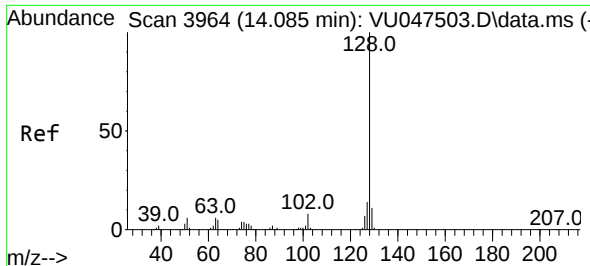
Tgt Ion:	180	Resp:	84349
Ion Ratio	Lower	Upper	
180	100		
182	96.5	77.1	115.7
184	30.6	25.0	37.4
145	26.8	22.0	33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.324 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047526.D
 Acq: 12 Mar 2022 04:59

Tgt Ion:	180	Resp:	72788
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	114.8
145	27.6	22.4	33.6

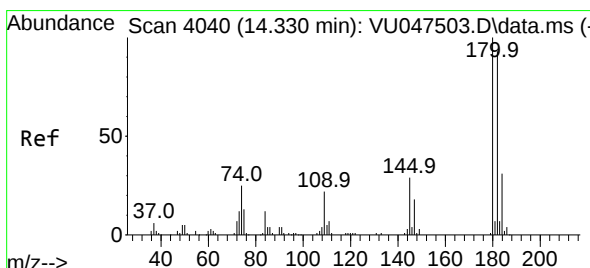
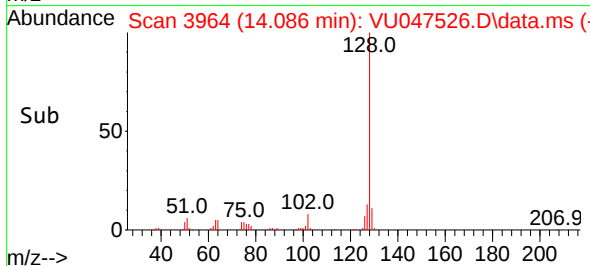
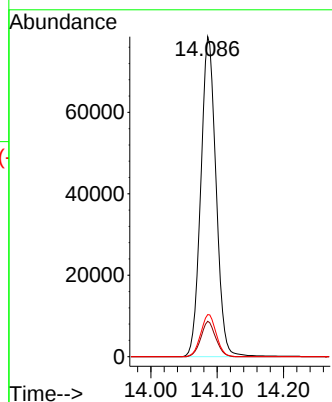
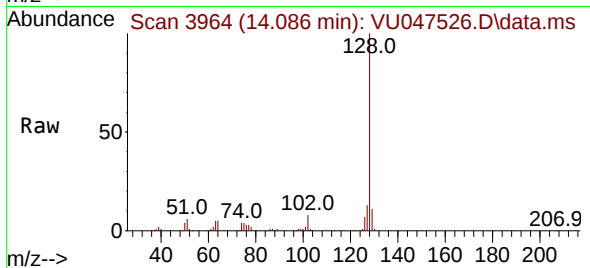




#71
Naphthalene
Concen: 5.140 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MS

Tgt Ion:128 Resp: 125688
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.503 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047526.D
Acq: 12 Mar 2022 04:59

Tgt Ion:180 Resp: 68989
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.6
145 29.3 23.4 35.2

