

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047527.D
 Acq On : 12 Mar 2022 05:23
 Operator : SY/MD
 Sample : N1858-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MSD

Quant Time: Mar 14 01:46:00 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	6.253	114	110033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	108056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	37419	6.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.400%
7) Chloroethane-d5	1.919	69	19766	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.571	65	11413	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.645	46	66535	62.622	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.240%
24) Chloroform-d	5.067	84	49268	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.706	65	23901	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	94067	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.694	67	29295	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	91471	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.182	79	11291	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.636	63	56827	50.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28359	5.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	37890	5.069	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	48620	5.902	ug/L	100
3) Chloromethane	1.523	50	47774	5.807	ug/L	98
5) Vinyl chloride	1.607	62	1616173	199.724	ug/L	97
6) Bromomethane	1.864	94	18415	3.991	ug/L	99
8) Chloroethane	1.938	64	31789	6.468	ug/L	96
9) Trichlorofluoromethane	2.144	101	63222	5.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40056	6.085	ug/L	99
12) 1,1-Dichloroethene	2.584	96	40934	6.336	ug/L	97
13) Acetone	2.658	43	67813	69.466	ug/L	100
14) Carbon disulfide	2.800	76	114997	5.799	ug/L	100
15) Methyl Acetate	2.964	43	13303	5.157	ug/L	92
16) Methylene chloride	3.051	84	44264	5.740	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	100286	6.020	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	60882	8.803	ug/L	97
19) 1,1-Dichloroethane	3.877	63	75267	6.398	ug/L	99
21) 2-Butanone	4.723	43	122727	69.811	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	2855562	372.591	ug/L	96
23) Bromochloromethane	4.980	128	23550	6.431	ug/L	99
25) Chloroform	5.092	83	78556	6.167	ug/L	100

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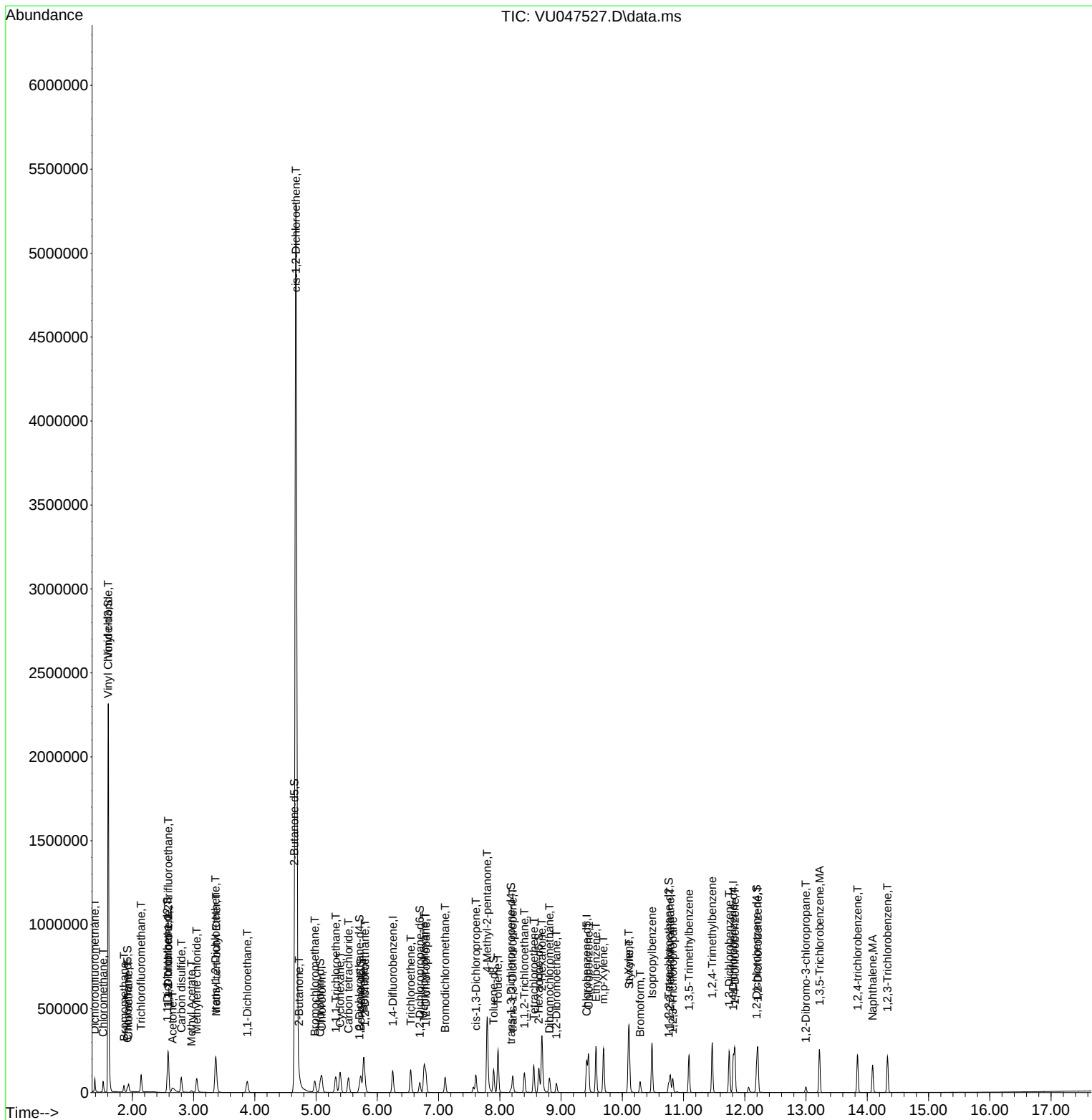
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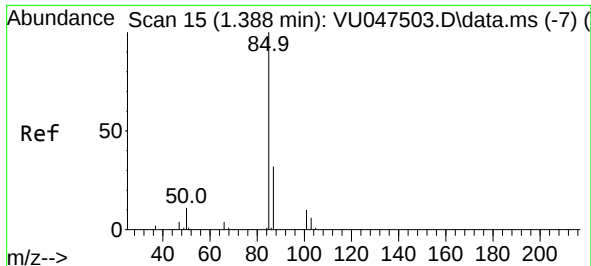
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	51886	6.327	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	67380	6.035	ug/L	99
30) Cyclohexane	5.395	56	60200	5.597	ug/L	98
31) Carbon tetrachloride	5.530	117	59176	6.035	ug/L	98
33) Benzene	5.777	78	187165	6.413	ug/L	100
34) Trichloroethene	6.546	95	46285	5.933	ug/L	97
35) Methylcyclohexane	6.764	83	63018	5.121	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44860	6.172	ug/L	99
38) Bromodichloromethane	7.108	83	58439	6.056	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	62541	5.676	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	306804	61.925	ug/L	99
42) Toluene	7.970	91	189110	5.965	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	55747	5.610	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	37444	6.286	ug/L	95
47) Tetrachloroethene	8.555	164	37644	5.688	ug/L	97
48) 2-Hexanone	8.687	43	224950	62.582	ug/L	99
49) Dibromochloromethane	8.812	129	45230	6.251	ug/L	99
50) 1,2-Dibromoethane	8.925	107	36946	6.096	ug/L	98
51) Chlorobenzene	9.449	112	123739	5.834	ug/L	99
52) Ethylbenzene	9.571	91	195270	5.687	ug/L	100
53) m,p-Xylene	9.693	106	76052	5.647	ug/L	97
54) o-Xylene	10.102	106	74297	5.694	ug/L	99
55) Styrene	10.115	104	123610	5.603	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	50178	6.293	ug/L	99
59) Bromoform	10.291	173	29224	6.583	ug/L	99
60) Isopropylbenzene	10.484	105	193038	5.852	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	35372	6.477	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	120956	5.590	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160088	5.704	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	103810	5.937	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	104650	5.894	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	102681	6.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8354	6.785	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	83833	5.846	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	73598	5.758	ug/L	99
71) Naphthalene	14.089	128	133489	5.838	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	70131	5.983	ug/L	99

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

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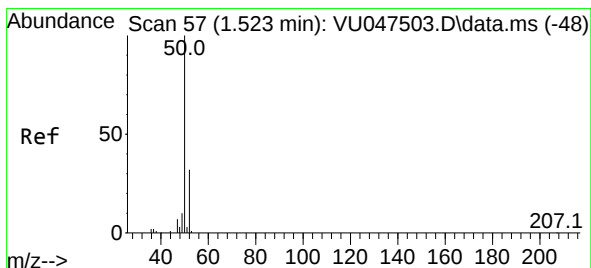
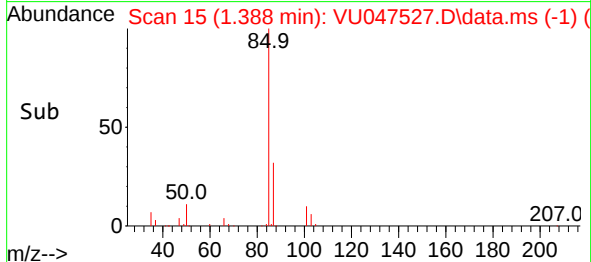
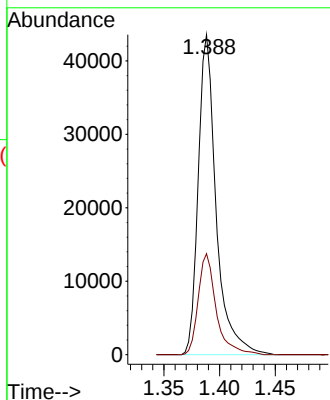
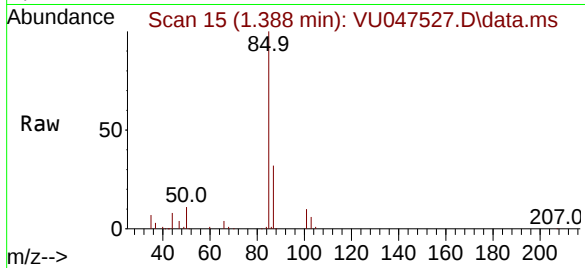




#2
Dichlorodifluoromethane
Concen: 5.902 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

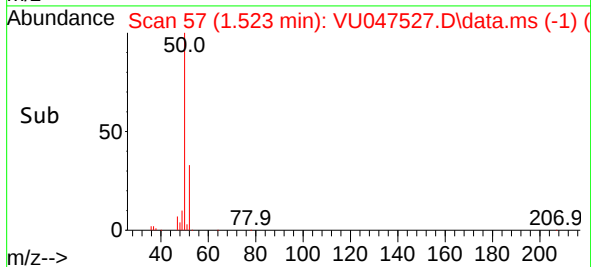
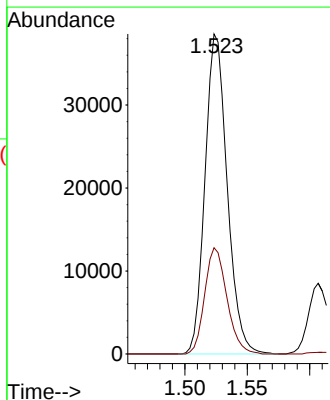
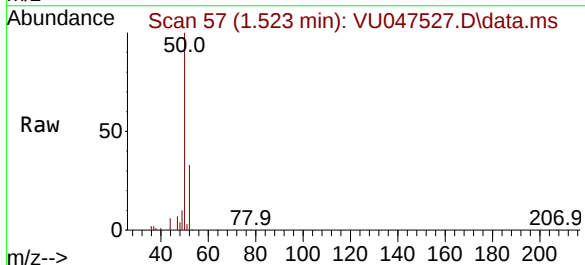
Instrument :
MSVOA_U
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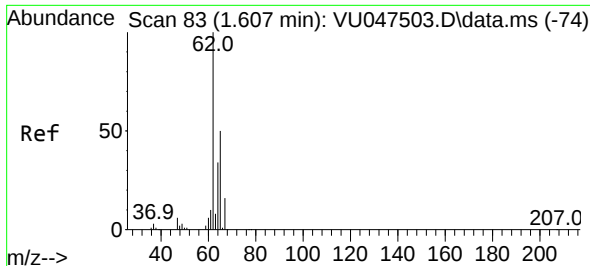
Tgt Ion: 85 Resp: 48620
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4



#3
Chloromethane
Concen: 5.807 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 50 Resp: 47774
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9

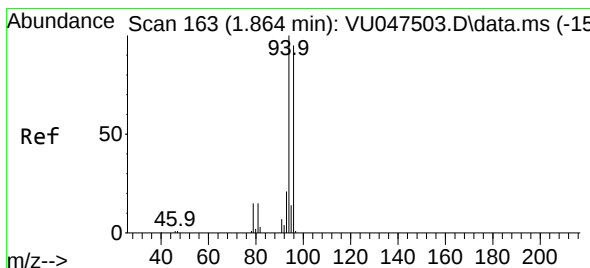
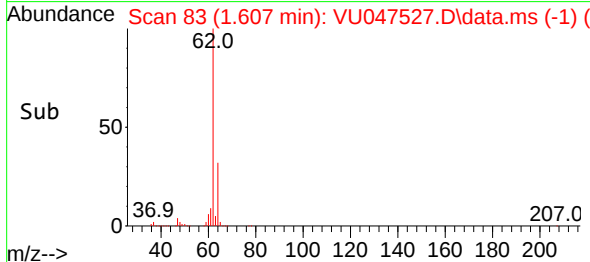
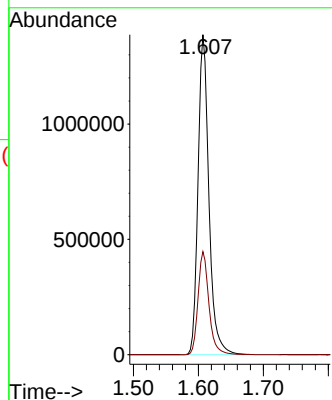
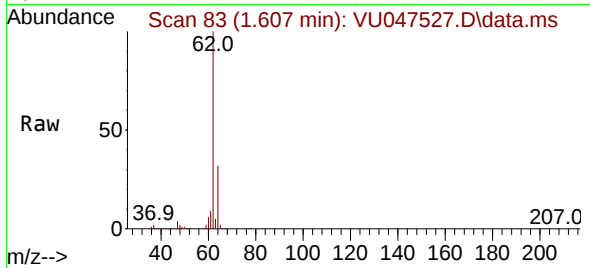




#5
 Vinyl chloride
 Concen: 199.724 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

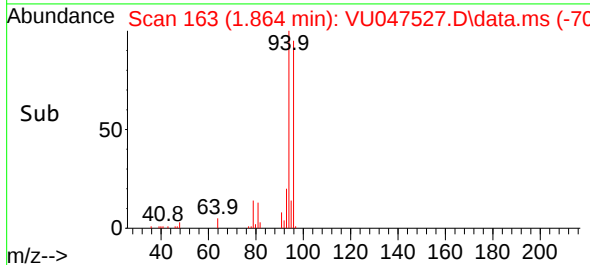
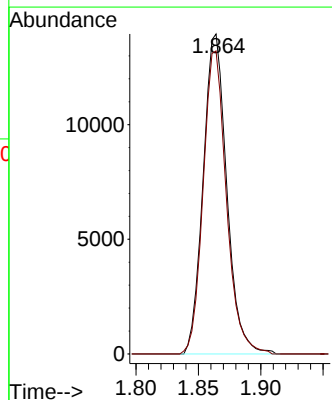
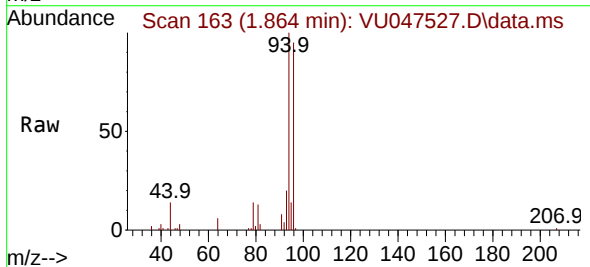
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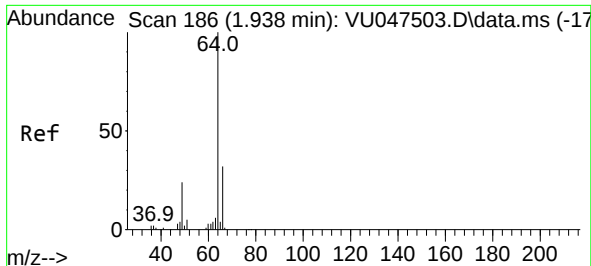
Tgt Ion: 62 Resp: 1616173
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.7 43.9



#6
 Bromomethane
 Concen: 3.991 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

Tgt Ion: 94 Resp: 18415
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.6 121.8

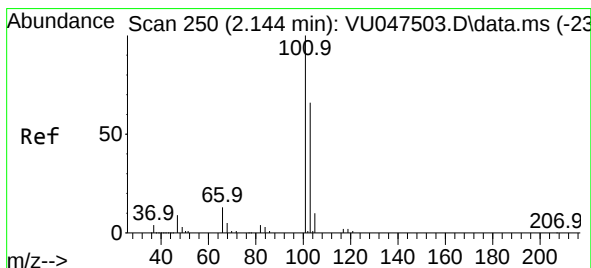
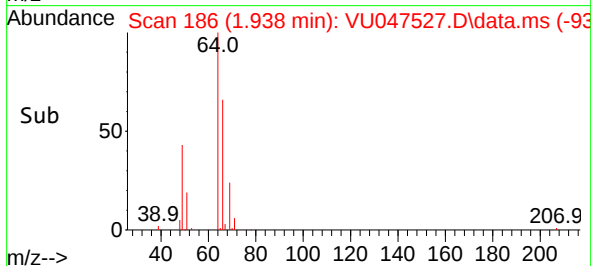
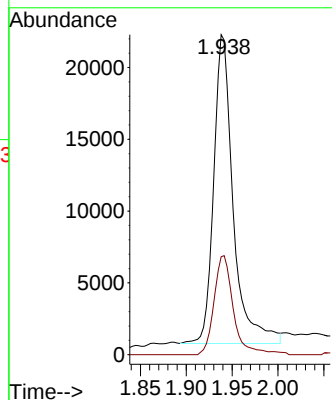
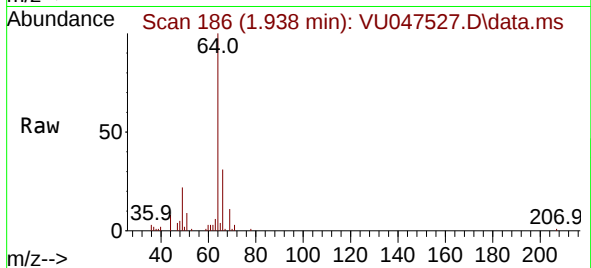




#8
Chloroethane
Concen: 6.468 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

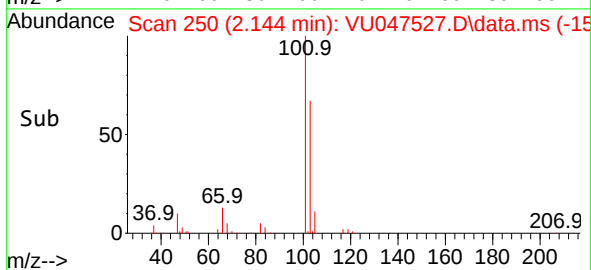
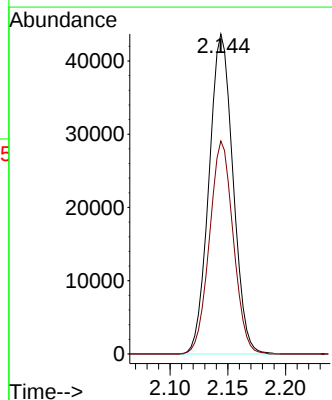
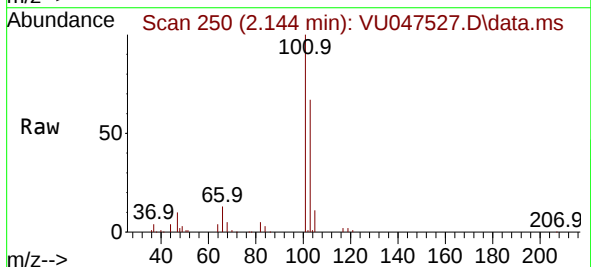
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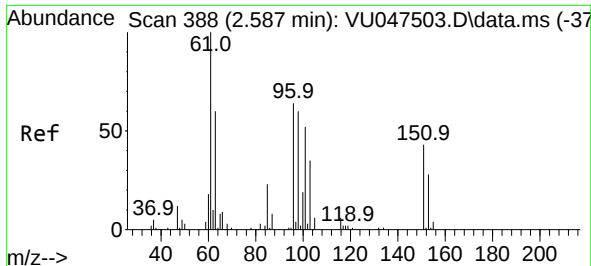
Tgt Ion: 64 Resp: 31789
Ion Ratio Lower Upper
64 100
66 30.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.930 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 101 Resp: 63222
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

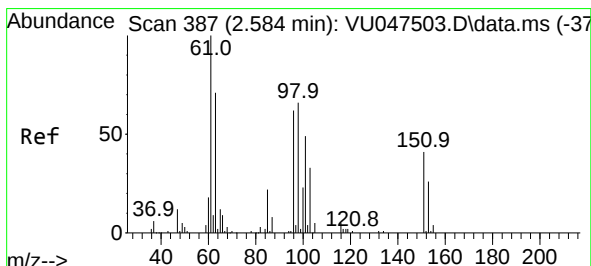
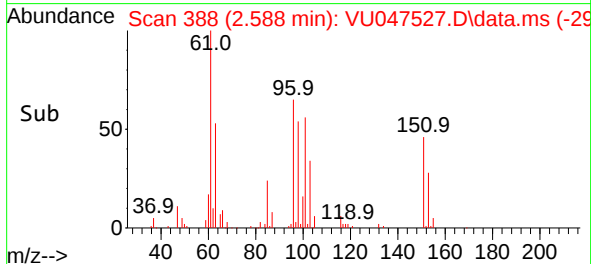
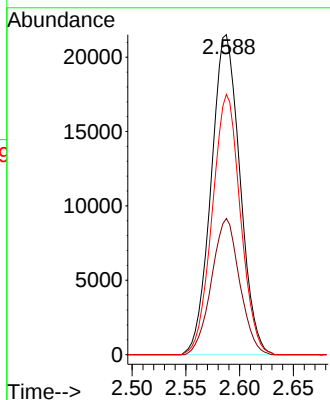
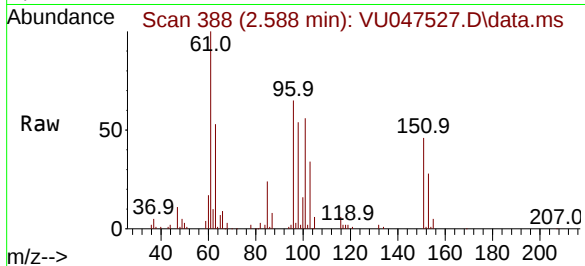




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.085 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

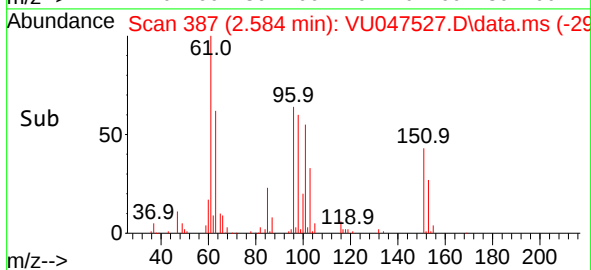
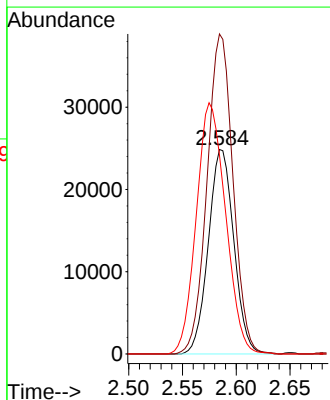
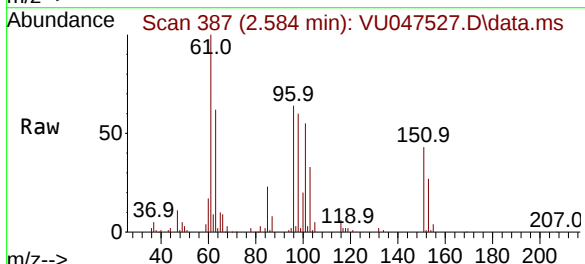
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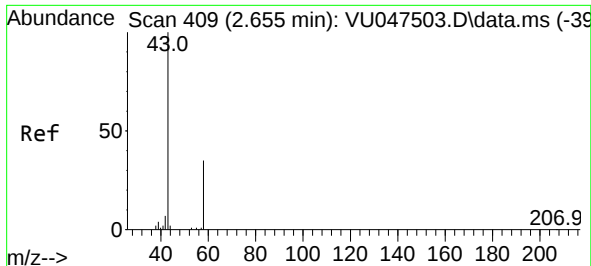
Tgt Ion:101 Resp: 40056
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 79.6 64.8 97.2



#12
1,1-Dichloroethene
Concen: 6.336 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 96 Resp: 40934
Ion Ratio Lower Upper
96 100
61 156.5 108.8 202.0
63 97.3 64.0 119.0

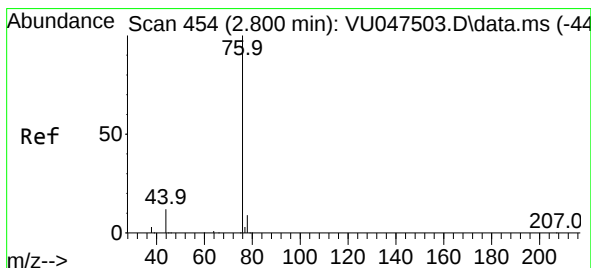
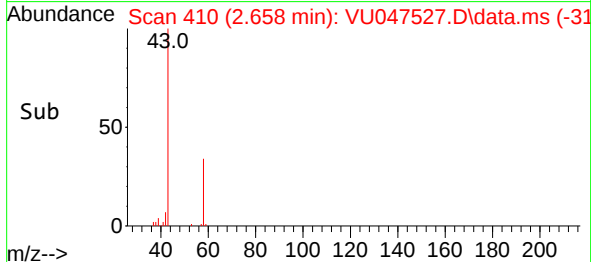
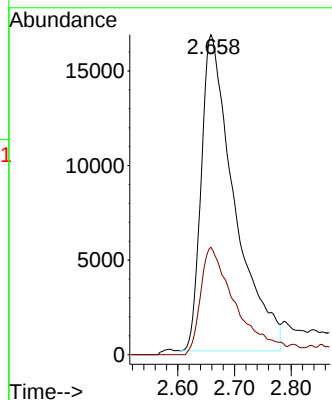
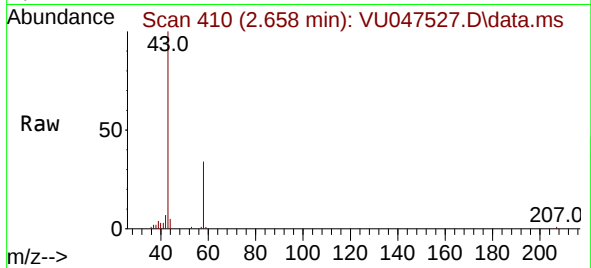




#13
Acetone
Concen: 69.466 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

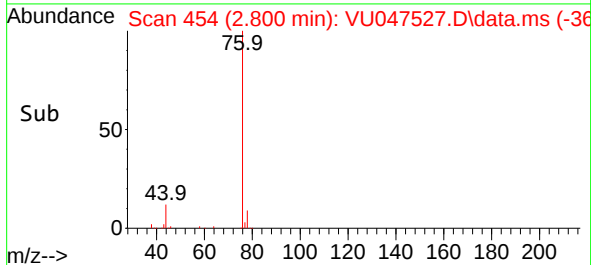
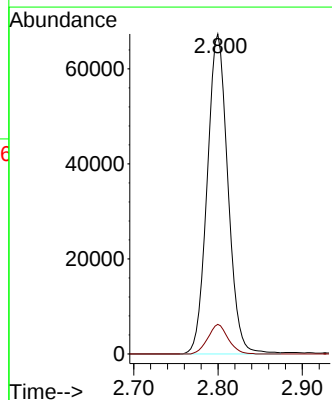
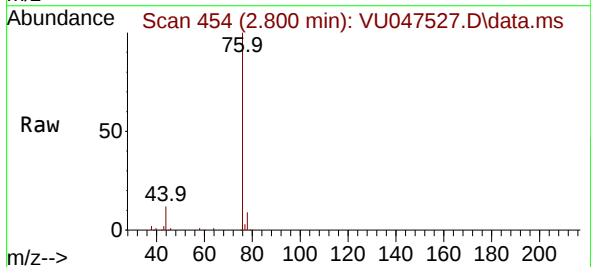
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ClientSampleId :
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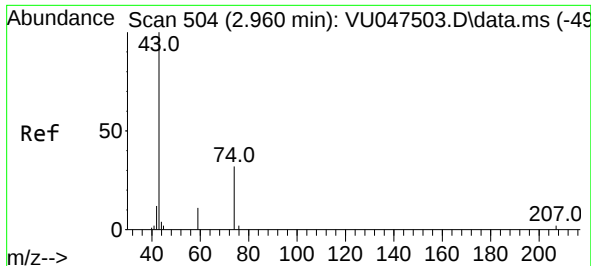
Tgt Ion: 43 Resp: 67813
Ion Ratio Lower Upper
43 100
58 36.1 0.0 72.6



#14
Carbon disulfide
Concen: 5.799 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 76 Resp: 114997
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

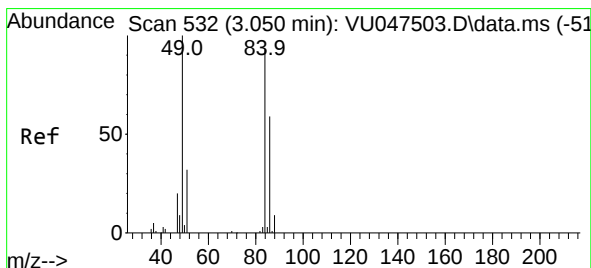
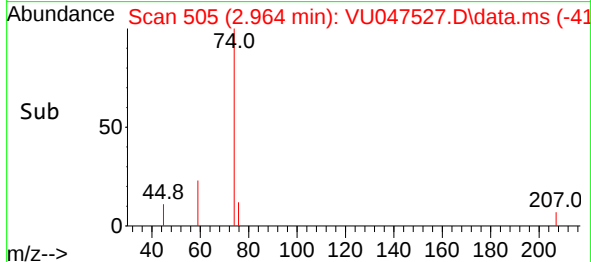
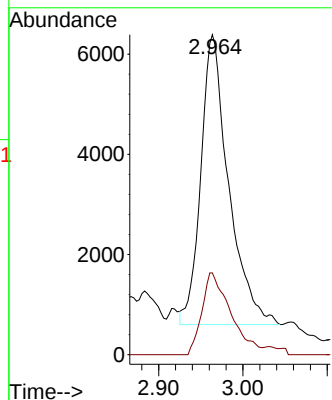
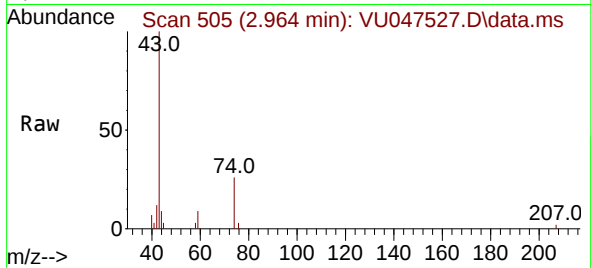




#15
Methyl Acetate
Concen: 5.157 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

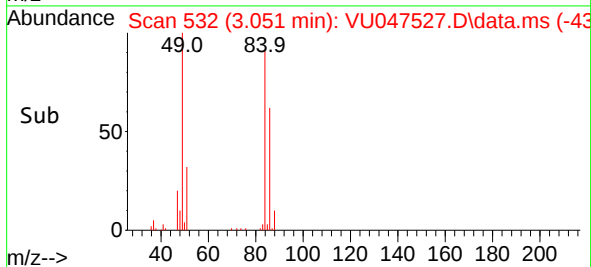
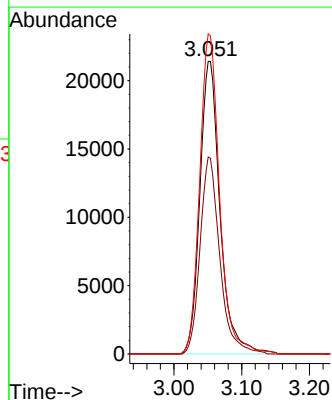
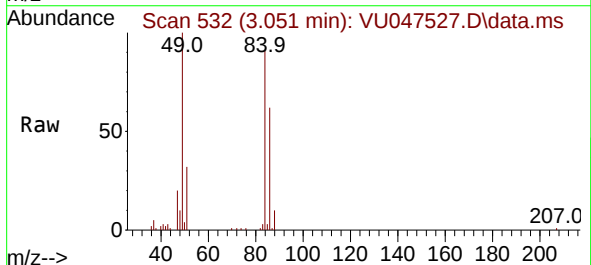
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

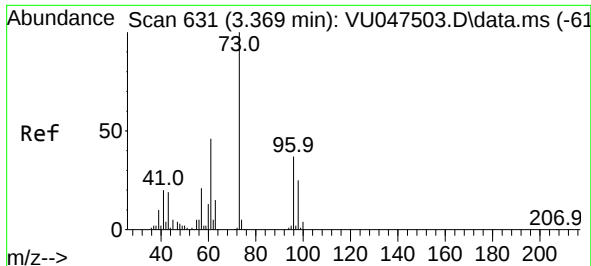
Tgt Ion: 43 Resp: 13303
Ion Ratio Lower Upper
43 100
74 29.1 20.2 30.2



#16
Methylene chloride
Concen: 5.740 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 84 Resp: 44264
Ion Ratio Lower Upper
84 100
86 67.3 45.9 85.3
49 109.3 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 6.020 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

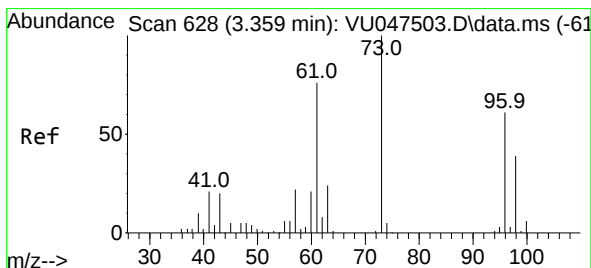
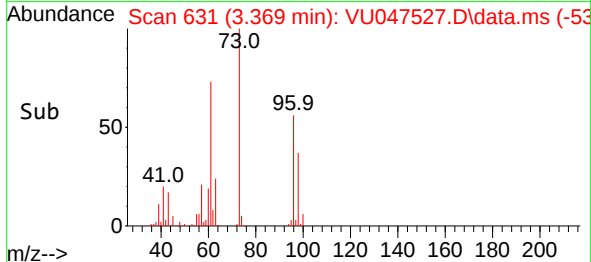
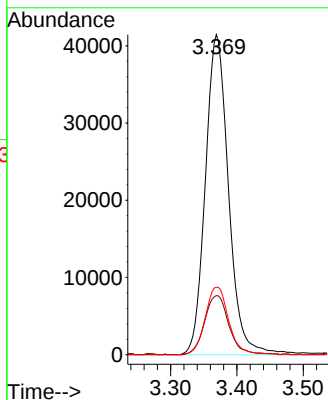
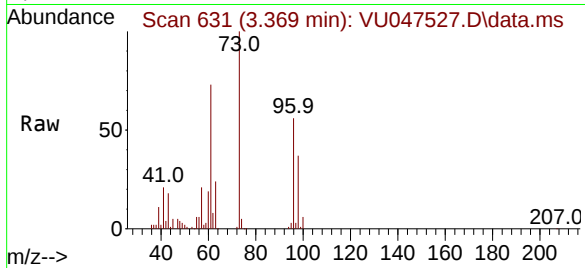
Tgt Ion: 73 Resp: 100286

Ion Ratio Lower Upper

73 100

43 19.5 14.6 22.0

57 21.3 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 8.803 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

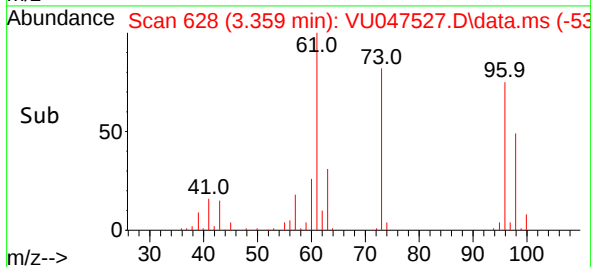
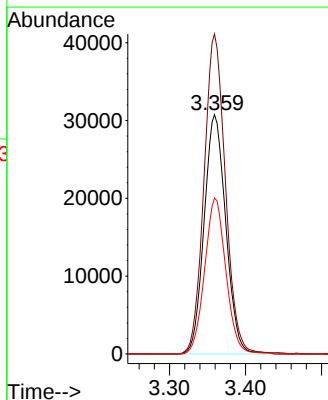
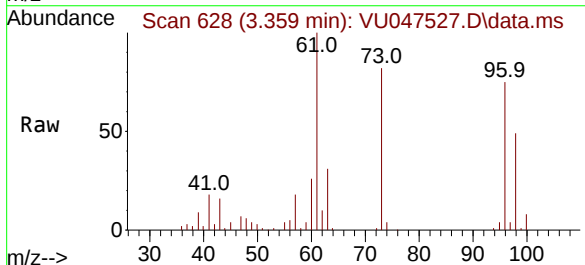
Tgt Ion: 96 Resp: 60882

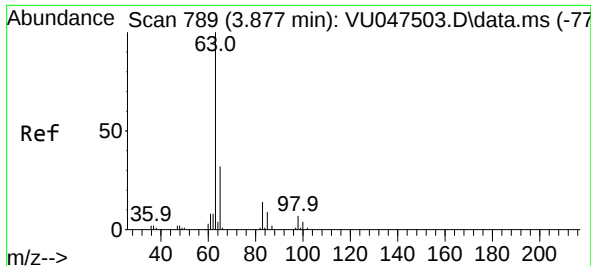
Ion Ratio Lower Upper

96 100

61 133.7 90.4 167.8

98 65.1 45.0 83.6





#19

1,1-Dichloroethane

Concen: 6.398 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

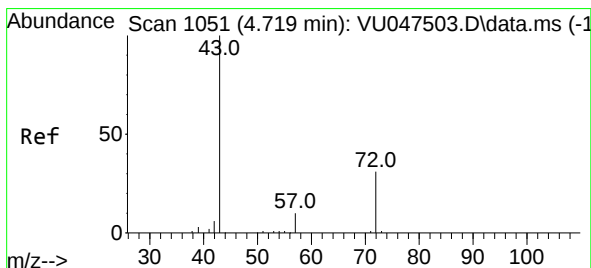
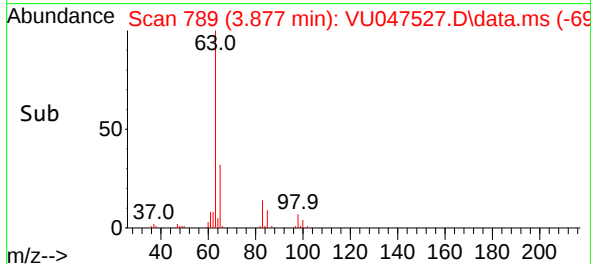
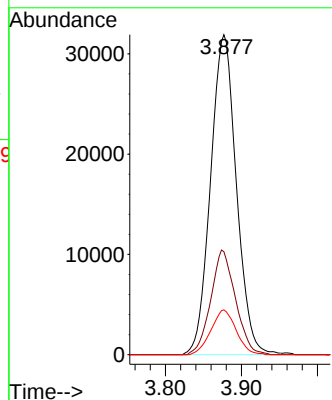
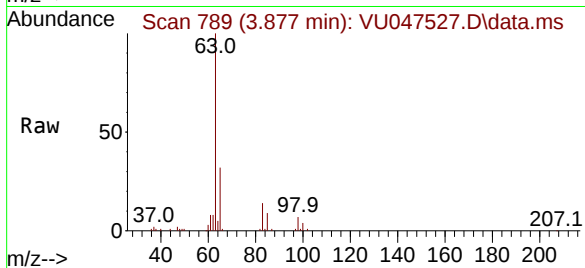
Tgt Ion: 63 Resp: 75267

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 14.0 9.9 18.3



#21

2-Butanone

Concen: 69.811 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU047527.D

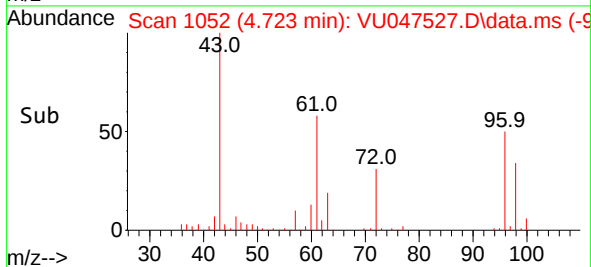
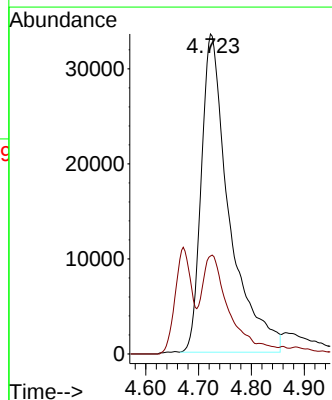
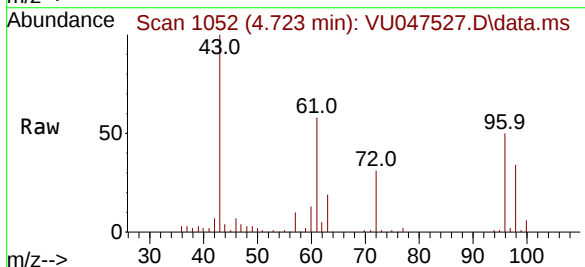
Acq: 12 Mar 2022 05:23

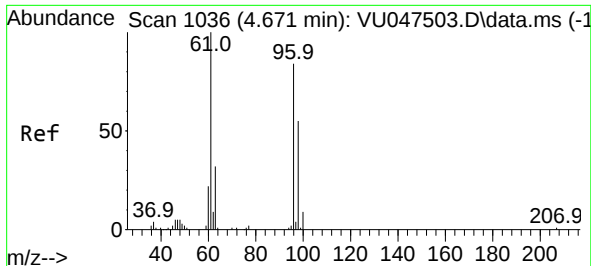
Tgt Ion: 43 Resp: 122727

Ion Ratio Lower Upper

43 100

72 24.8 14.7 44.1



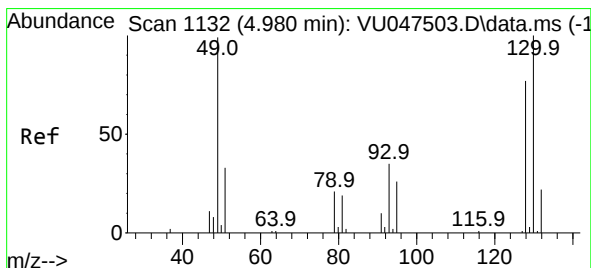
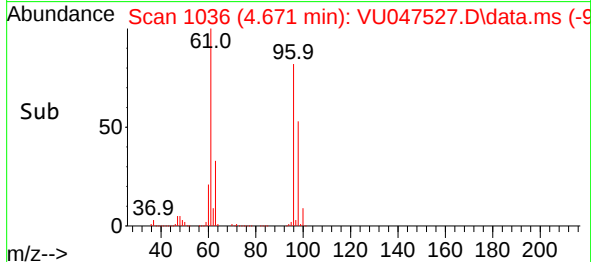
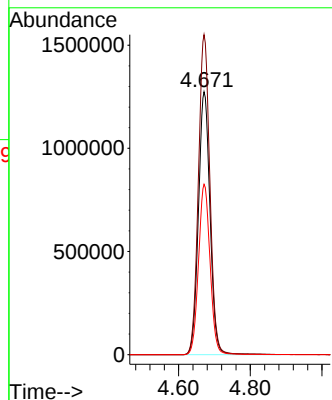
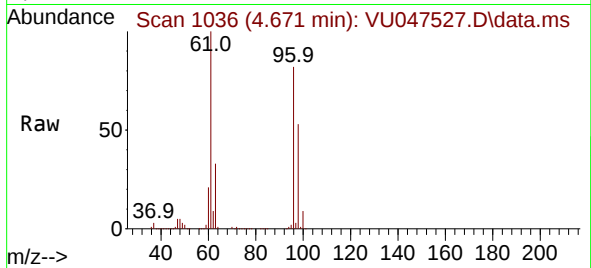


#22
cis-1,2-Dichloroethene
Concen: 372.591 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

Tgt Ion: 96 Resp: 2855562

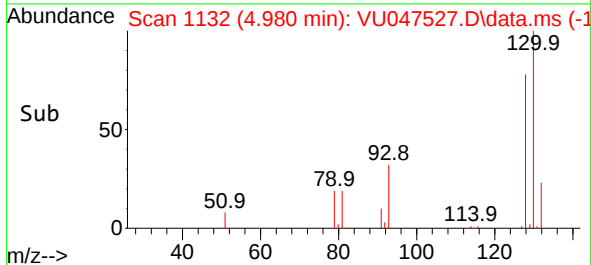
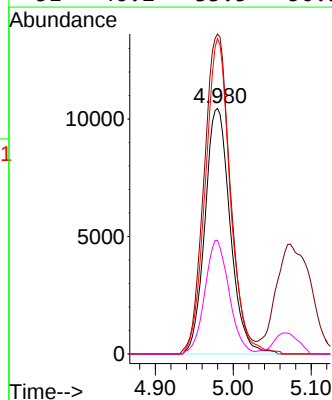
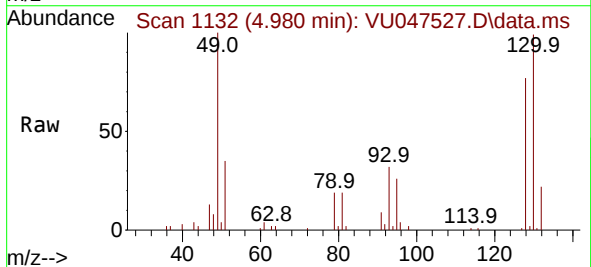
Ion	Ratio	Lower	Upper
96	100		
61	121.7	80.8	150.0
98	64.8	44.7	83.1

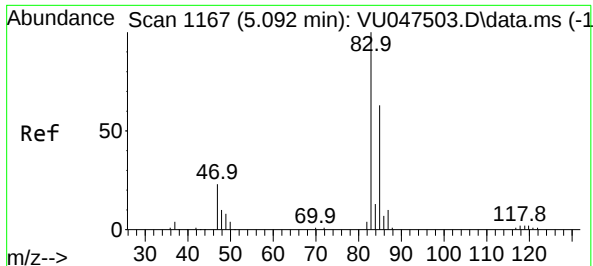


#23
Bromochloromethane
Concen: 6.431 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:128 Resp: 23550

Ion	Ratio	Lower	Upper
128	100		
49	130.3	91.6	170.2
130	128.3	89.6	166.4
51	46.2	33.5	50.3





#25

Chloroform

Concen: 6.167 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

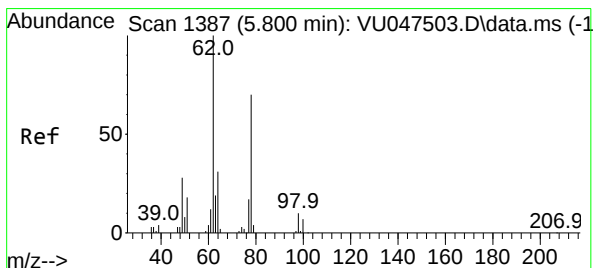
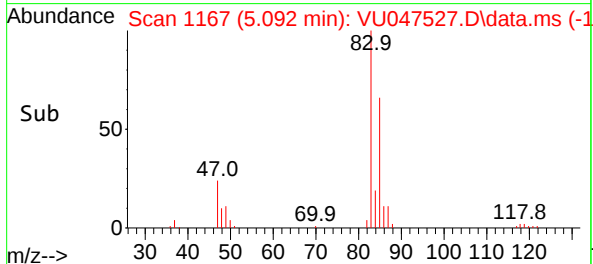
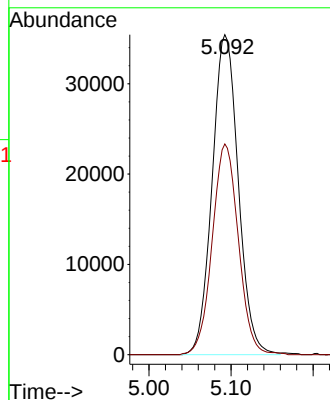
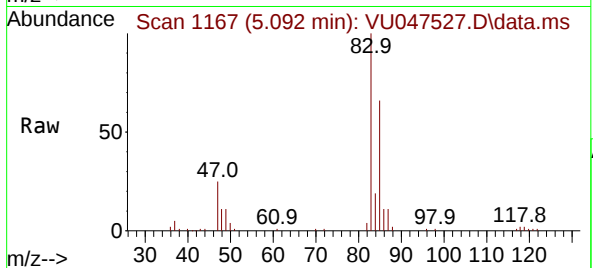
ETNH9MSD

Tgt Ion: 83 Resp: 78556

Ion Ratio Lower Upper

83 100

85 65.9 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.327 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047527.D

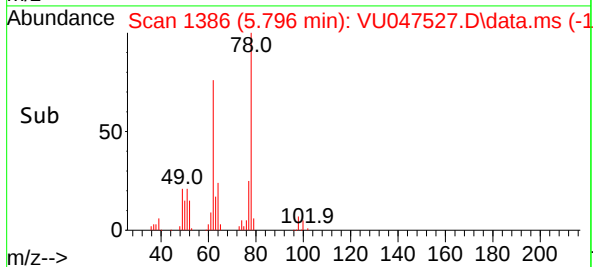
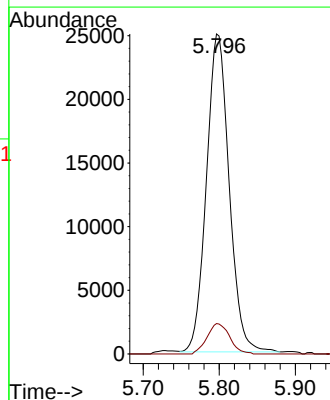
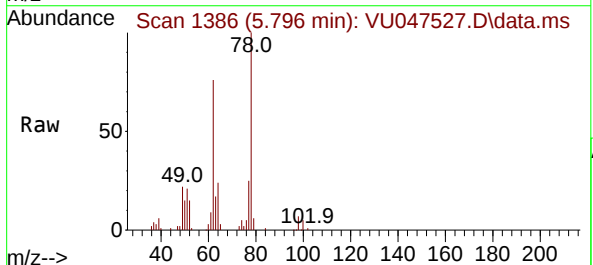
Acq: 12 Mar 2022 05:23

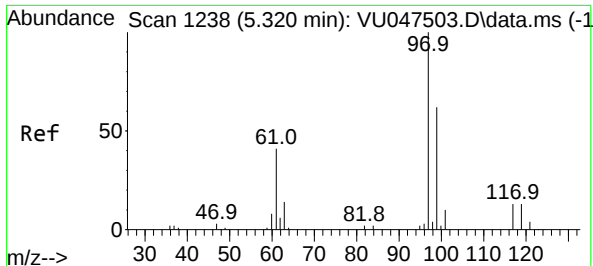
Tgt Ion: 62 Resp: 51886

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.035 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

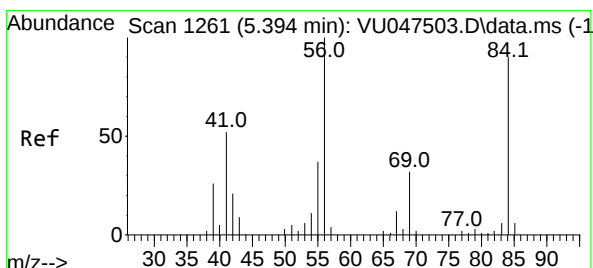
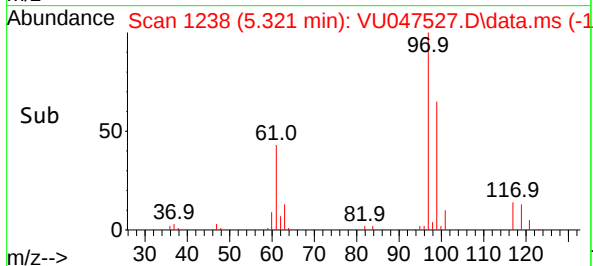
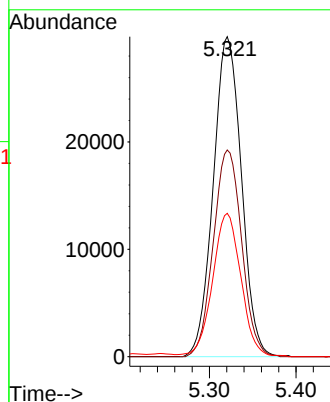
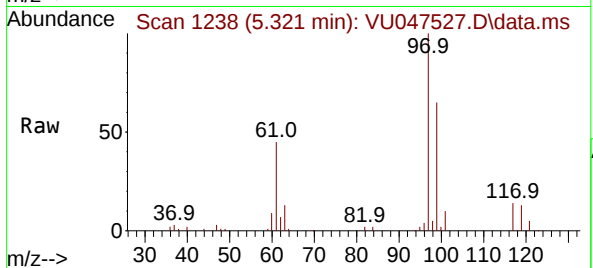
Tgt Ion: 97 Resp: 67380

Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 43.9 33.8 50.6



#30

Cyclohexane

Concen: 5.597 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

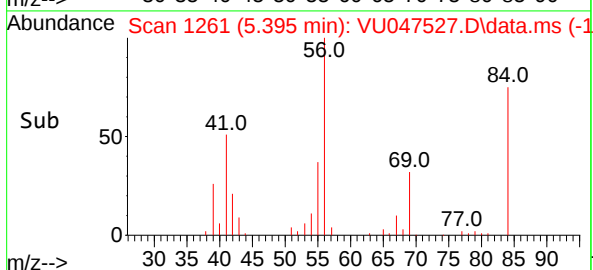
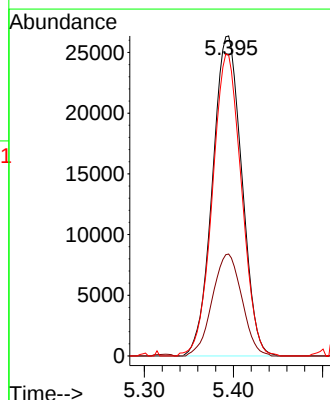
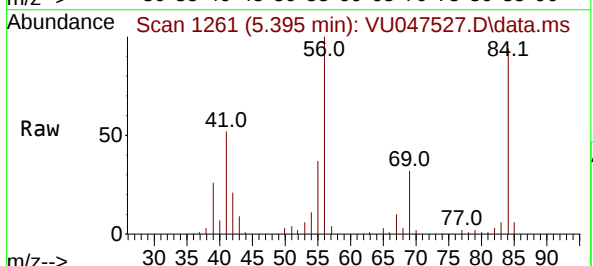
Tgt Ion: 56 Resp: 60200

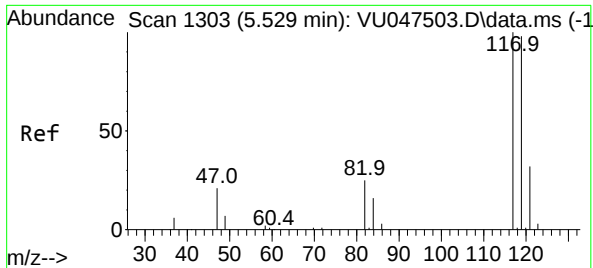
Ion Ratio Lower Upper

56 100

69 32.1 26.0 39.0

84 93.6 76.3 114.5

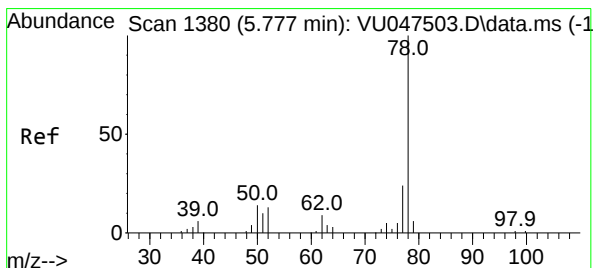
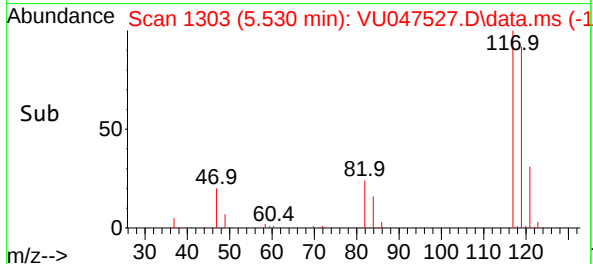
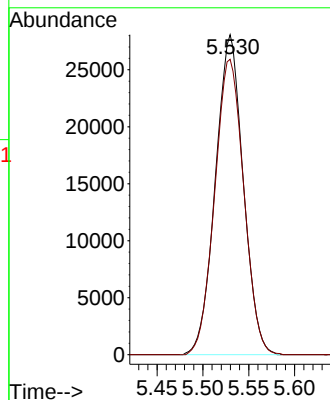
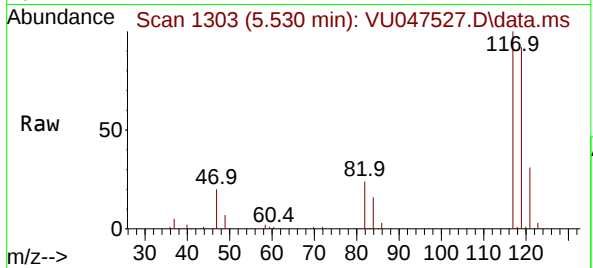




#31
Carbon tetrachloride
Concen: 6.035 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

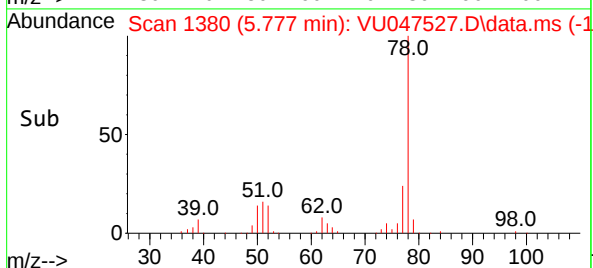
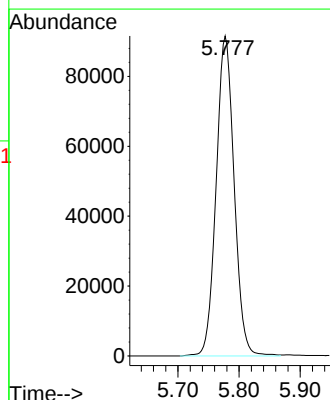
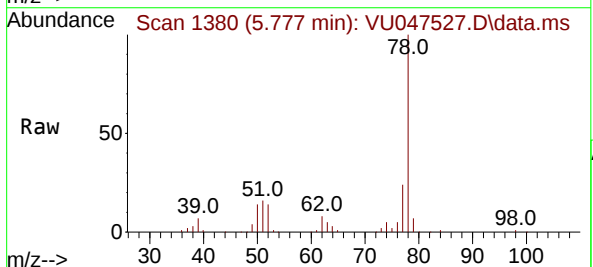
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

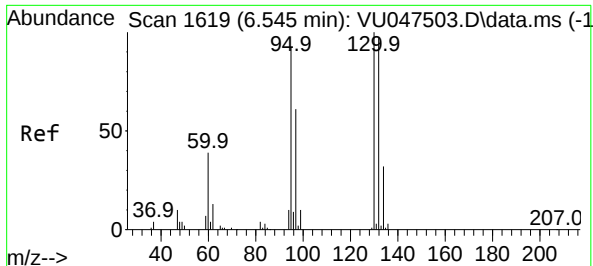
Tgt Ion:117 Resp: 59176
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8



#33
Benzene
Concen: 6.413 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 78 Resp: 187165

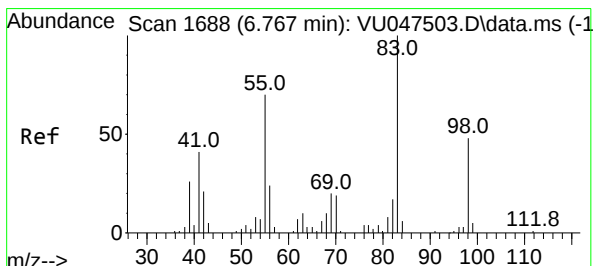
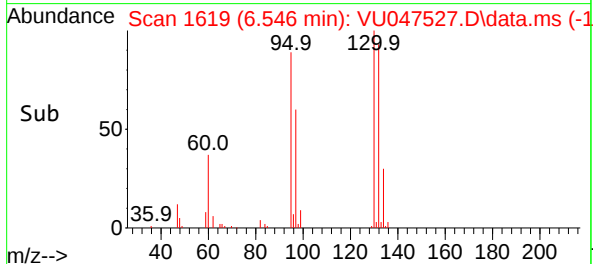
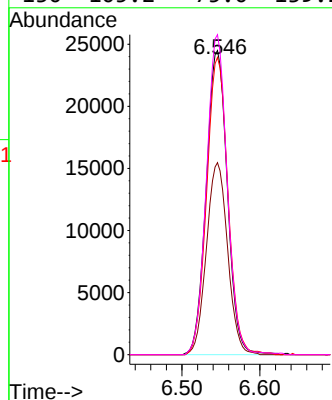
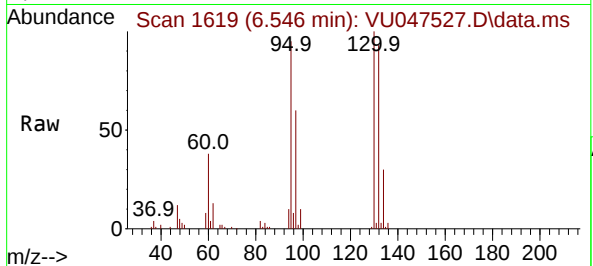




#34
Trichloroethene
Concen: 5.933 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

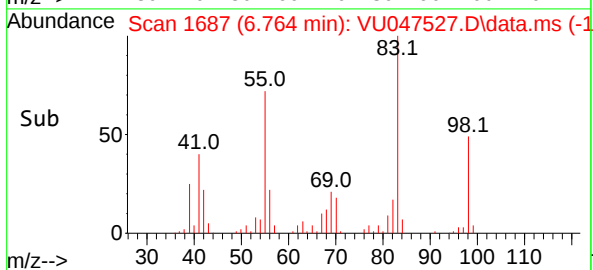
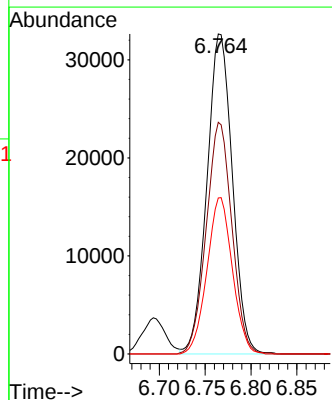
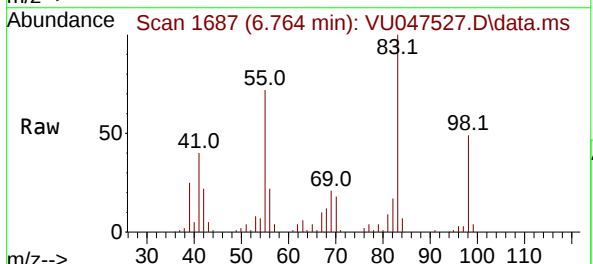
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

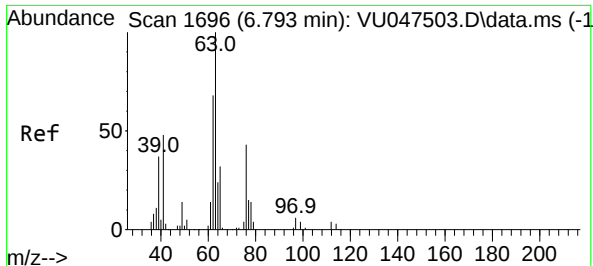
Tgt Ion:	95	Resp:	46285
Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.3	85.9
132	97.7	71.7	133.1
130	105.2	75.0	139.2



#35
Methylcyclohexane
Concen: 5.121 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:	83	Resp:	63018
Ion	Ratio	Lower	Upper
83	100		
55	73.0	57.8	86.8
98	48.7	38.0	57.0





#37

1,2-Dichloropropane

Concen: 6.172 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

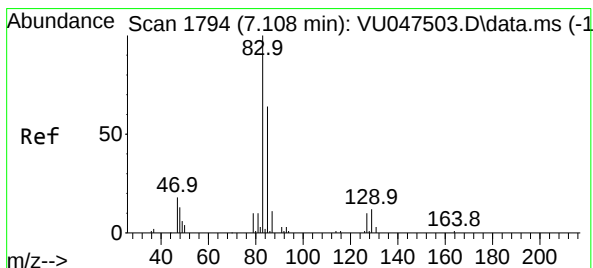
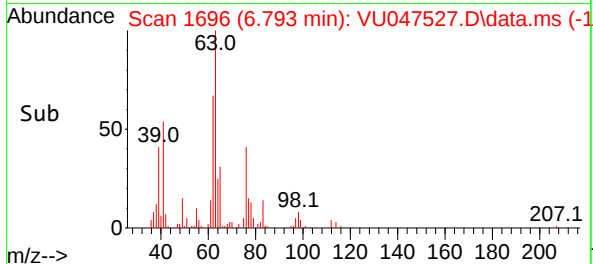
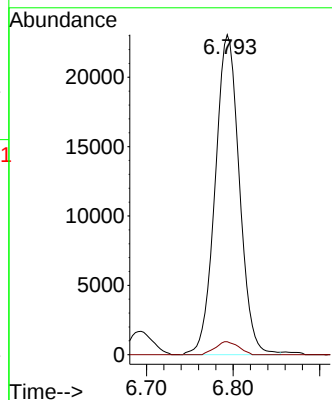
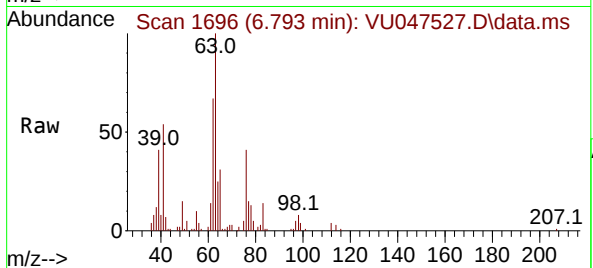
ETNH9MSD

Tgt Ion: 63 Resp: 44860

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 6.056 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

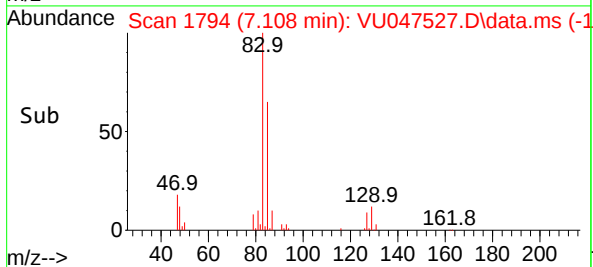
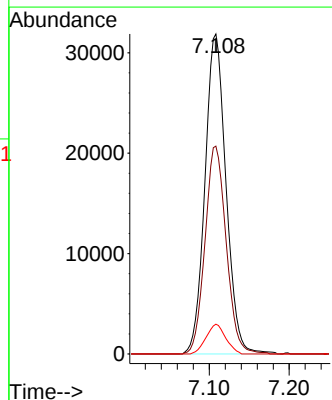
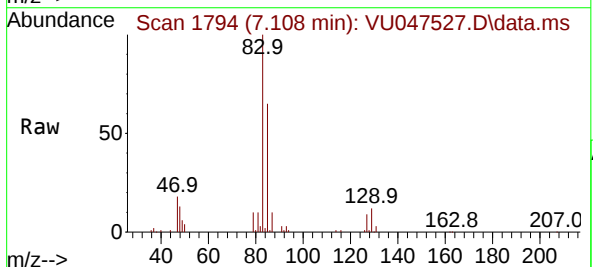
Tgt Ion: 83 Resp: 58439

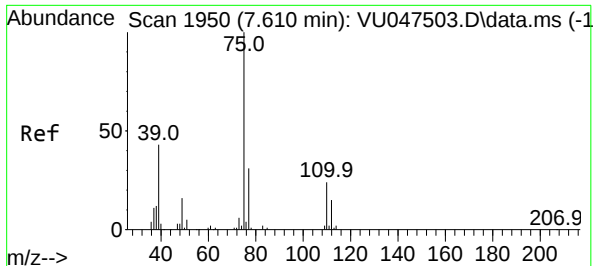
Ion Ratio Lower Upper

83 100

85 65.0 45.0 83.6

127 9.3 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.676 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

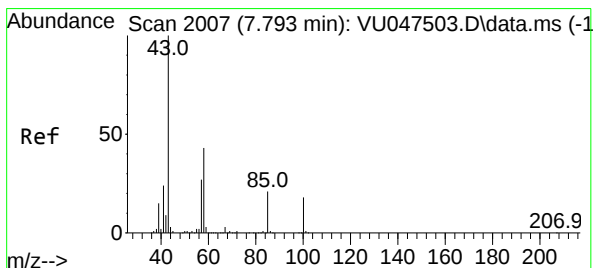
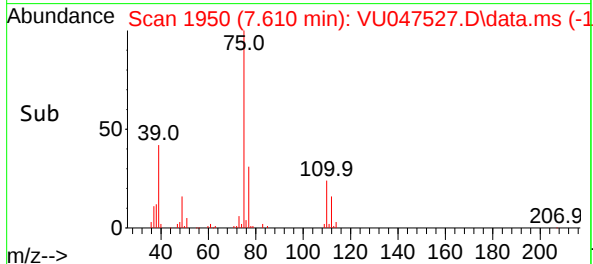
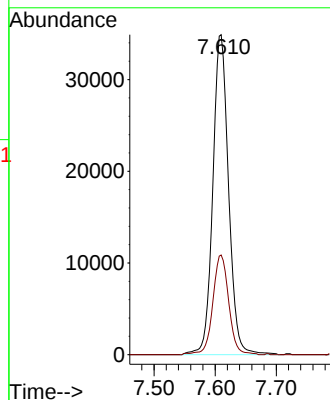
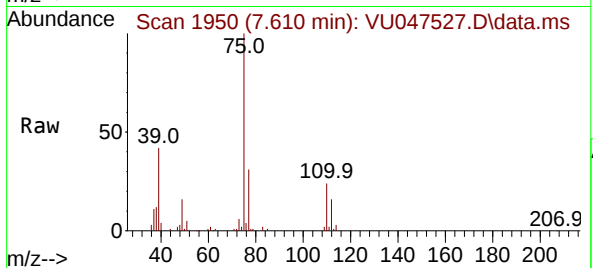
ETNH9MSD

Tgt Ion: 75 Resp: 62541

Ion Ratio Lower Upper

75 100

77 31.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 61.925 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

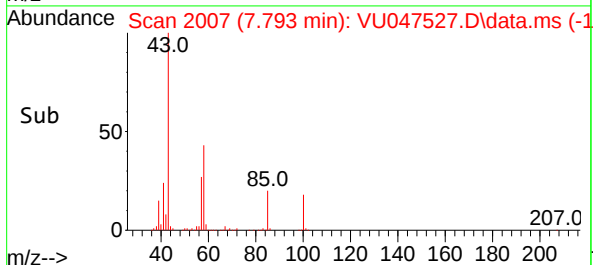
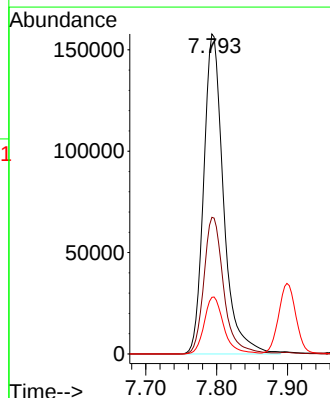
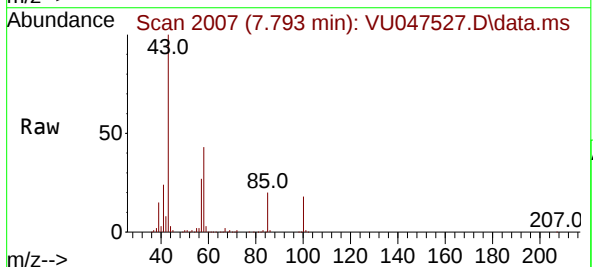
Tgt Ion: 43 Resp: 306804

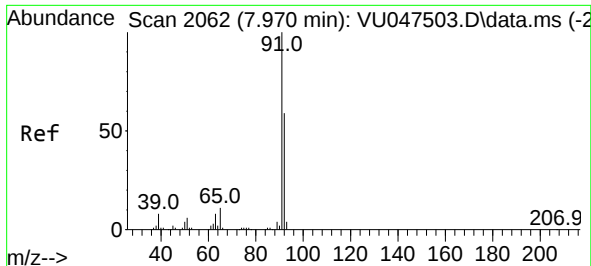
Ion Ratio Lower Upper

43 100

58 42.8 34.8 52.2

100 17.6 14.2 21.4





#42

Toluene

Concen: 5.965 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

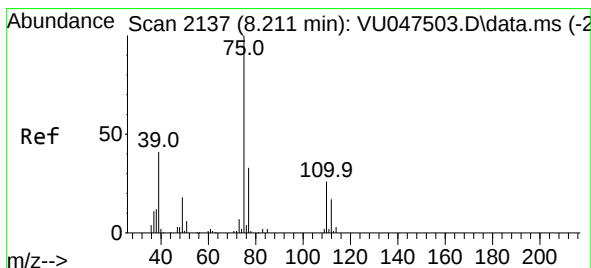
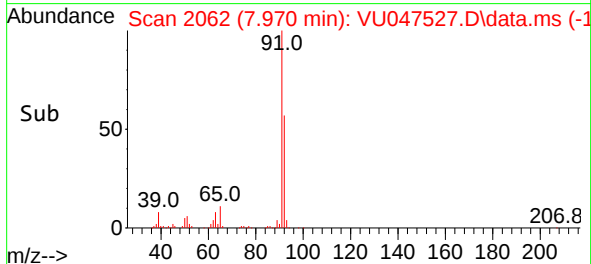
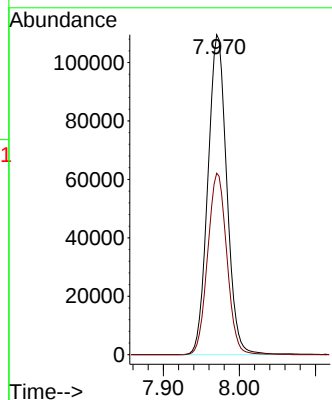
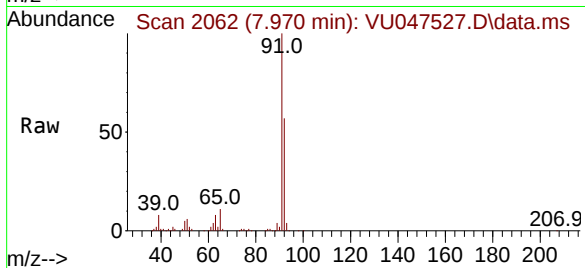
ETNH9MSD

Tgt Ion: 91 Resp: 189110

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.610 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047527.D

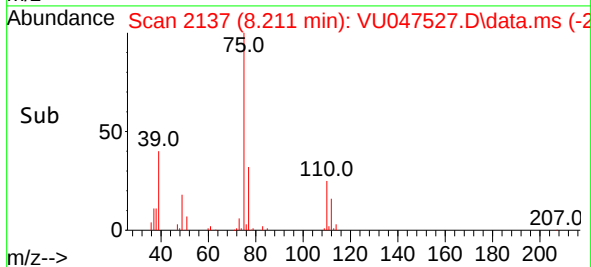
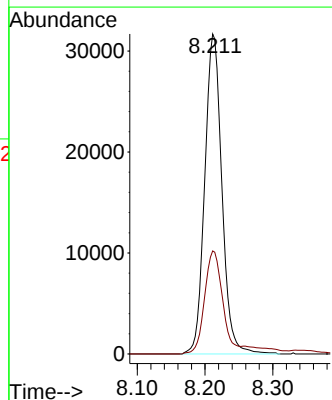
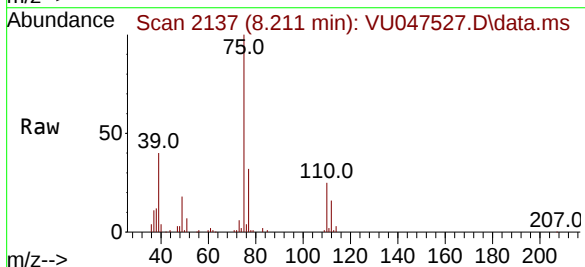
Acq: 12 Mar 2022 05:23

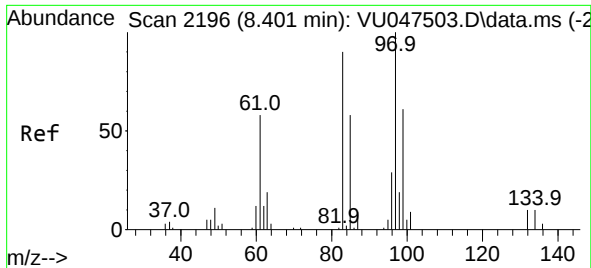
Tgt Ion: 75 Resp: 55747

Ion Ratio Lower Upper

75 100

77 32.2 23.6 43.8



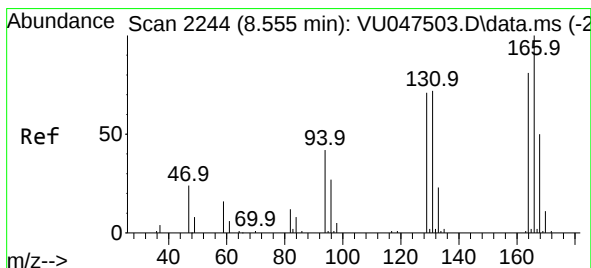
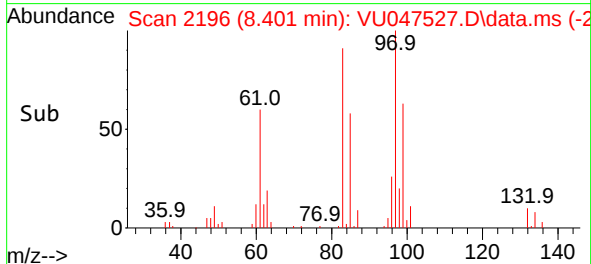
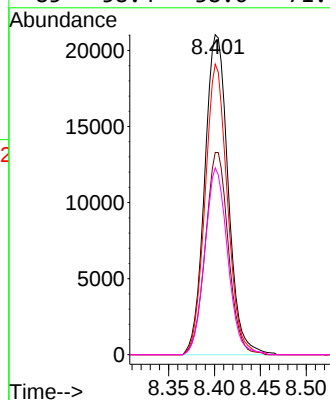
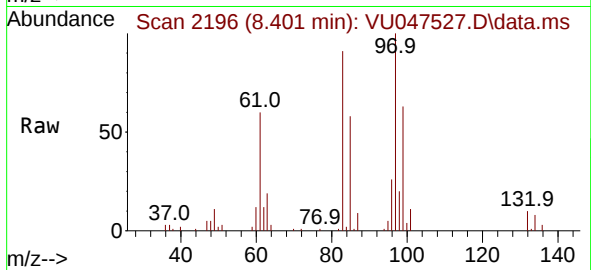


#45
1,1,2-Trichloroethane
Concen: 6.286 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

Tgt Ion: 97 Resp: 37444

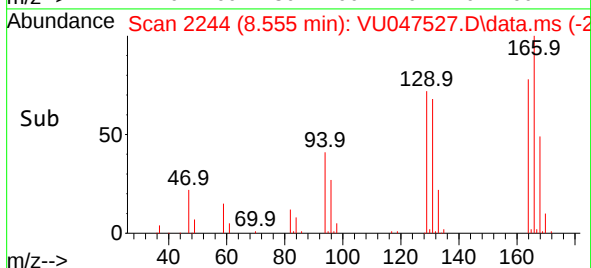
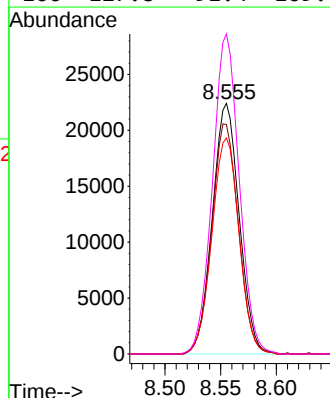
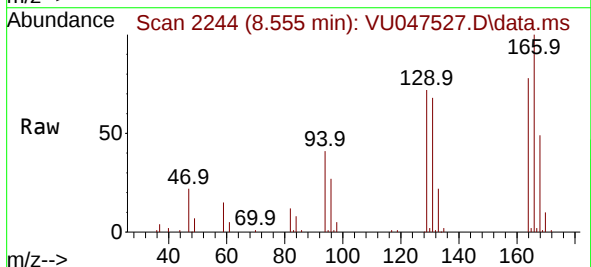
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.3	80.5
83	90.8	59.1	109.9
85	58.4	38.6	71.6

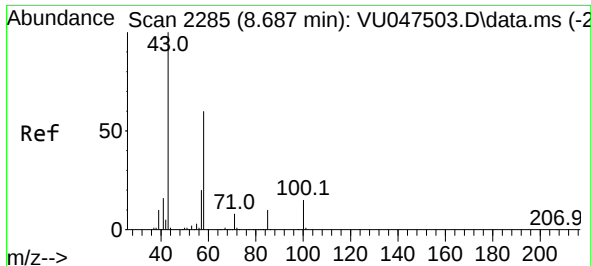


#47
Tetrachloroethene
Concen: 5.688 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 164 Resp: 37644

Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.9	120.5
131	86.3	63.6	118.2
166	127.8	91.4	169.8



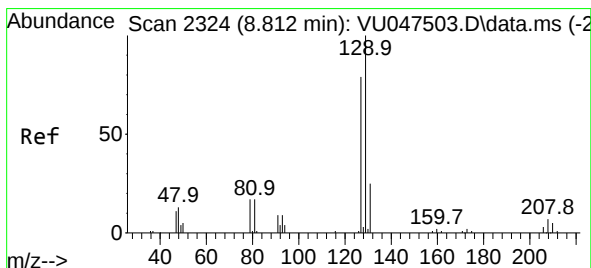
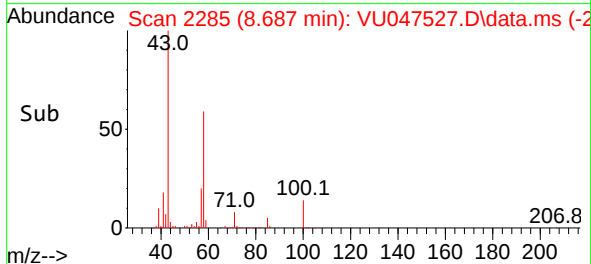
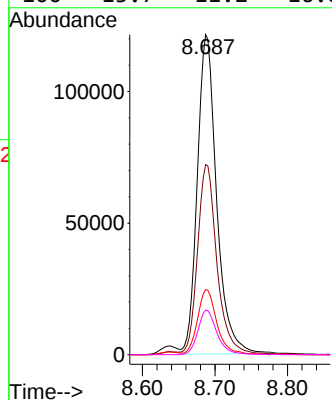
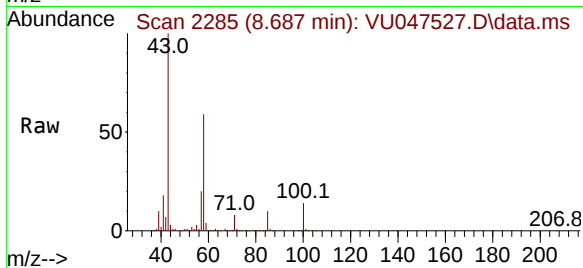


#48
2-Hexanone
Concen: 62.582 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

Tgt Ion: 43 Resp: 224950

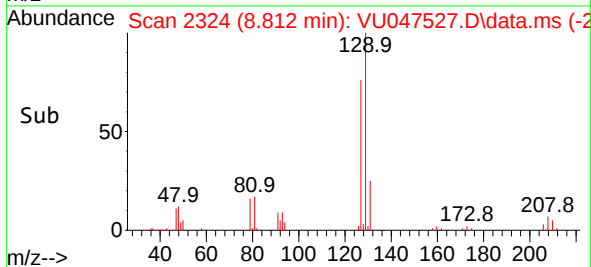
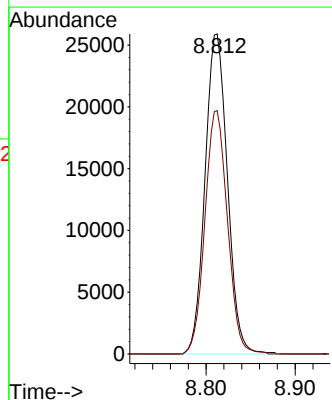
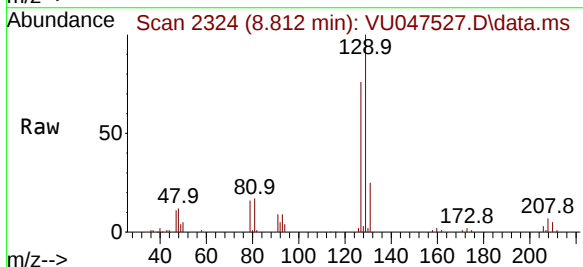
Ion	Ratio	Lower	Upper
43	100		
58	60.3	47.7	71.5
57	20.3	16.6	25.0
100	13.7	11.2	16.8

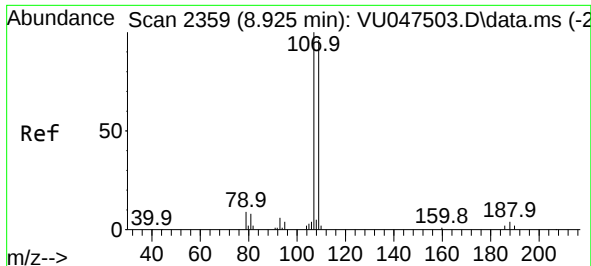


#49
Dibromochloromethane
Concen: 6.251 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 129 Resp: 45230

Ion	Ratio	Lower	Upper
129	100		
127	76.1	52.6	97.8

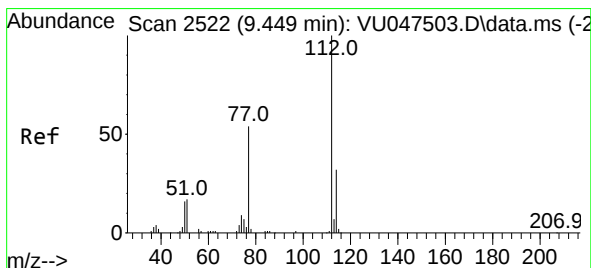
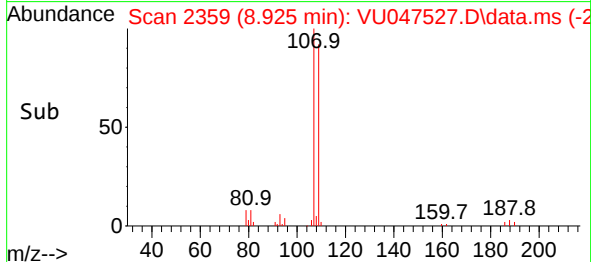
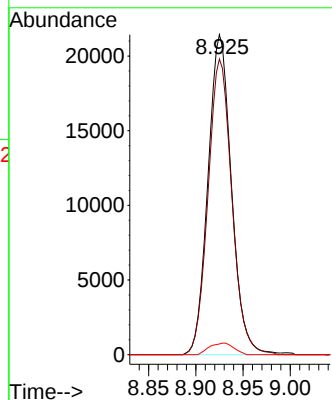
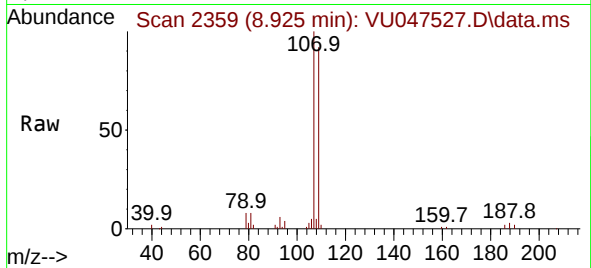




#50
1,2-Dibromoethane
Concen: 6.096 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

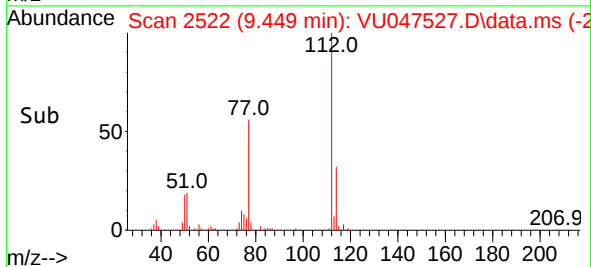
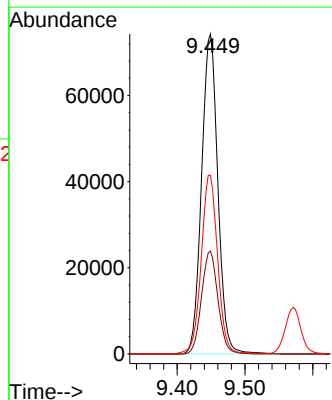
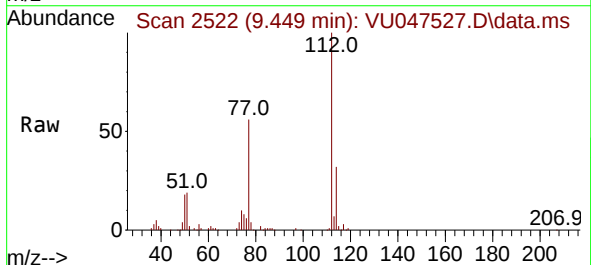
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

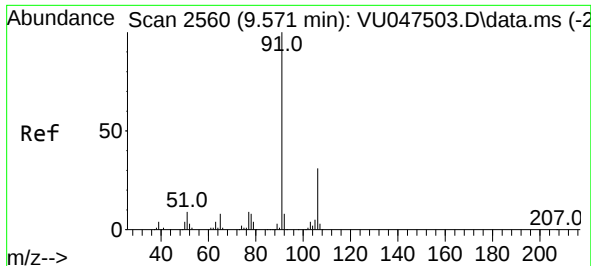
Tgt Ion:107 Resp: 36946
Ion Ratio Lower Upper
107 100
109 92.4 65.8 122.2
188 3.4 3.3 4.9



#51
Chlorobenzene
Concen: 5.834 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:112 Resp: 123739
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 55.9 45.0 67.6

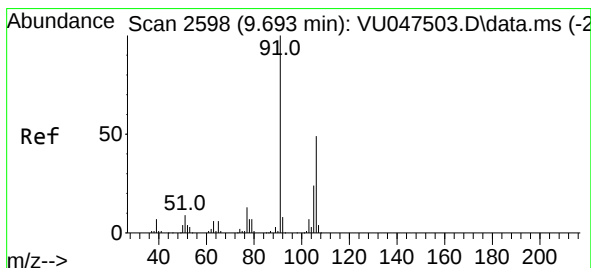
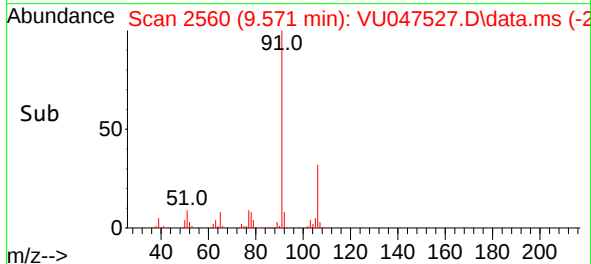
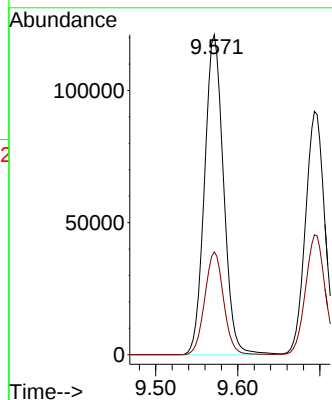
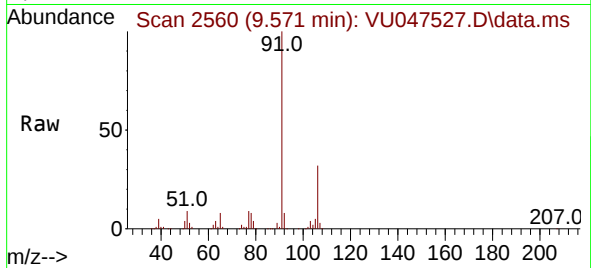




#52
Ethylbenzene
Concen: 5.687 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

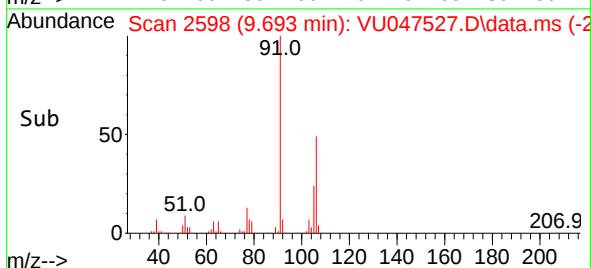
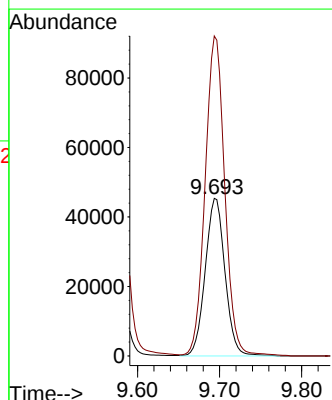
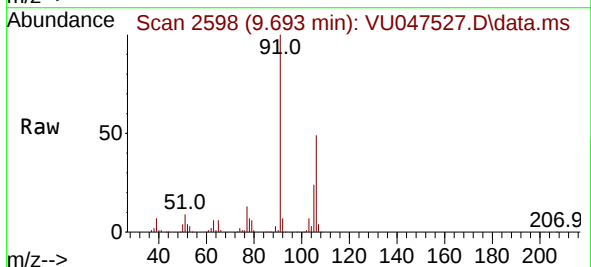
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

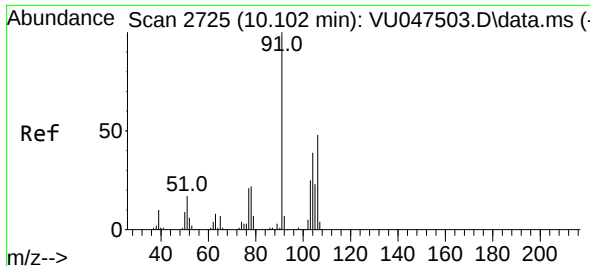
Tgt Ion: 91 Resp: 195270
Ion Ratio Lower Upper
91 100
106 32.1 22.4 41.6



#53
m,p-Xylene
Concen: 5.647 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion: 106 Resp: 76052
Ion Ratio Lower Upper
106 100
91 203.1 138.8 257.8

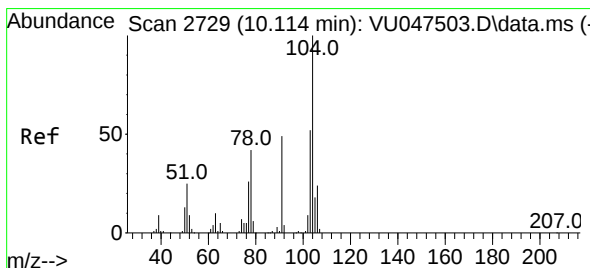
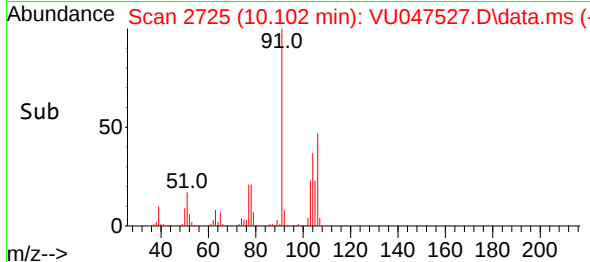
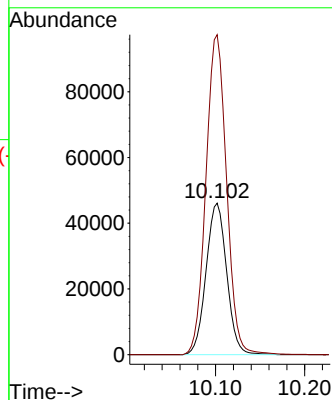
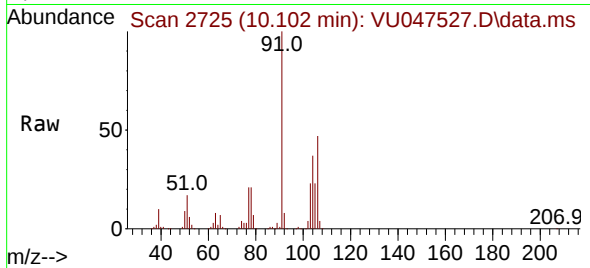




#54
o-Xylene
Concen: 5.694 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

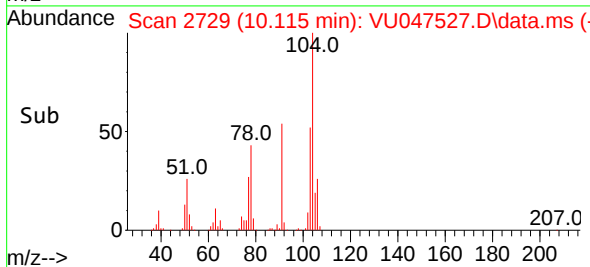
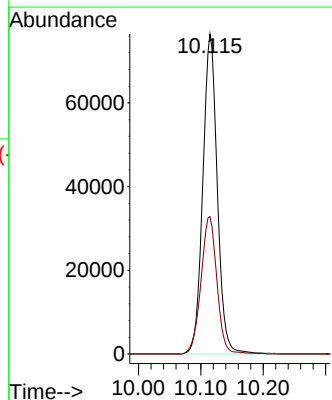
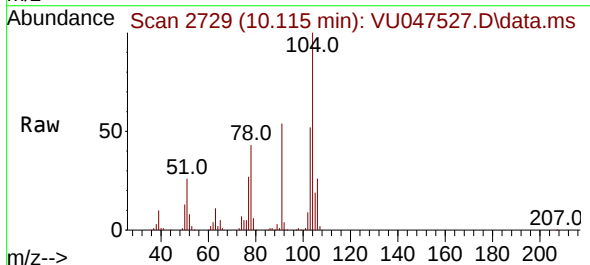
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

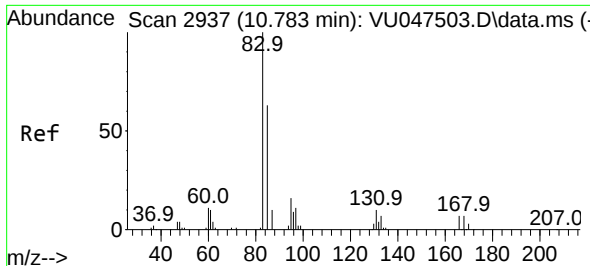
Tgt Ion:106 Resp: 74297
Ion Ratio Lower Upper
106 100
91 211.2 149.2 277.0



#55
Styrene
Concen: 5.603 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:104 Resp: 123610
Ion Ratio Lower Upper
104 100
78 42.9 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.293 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

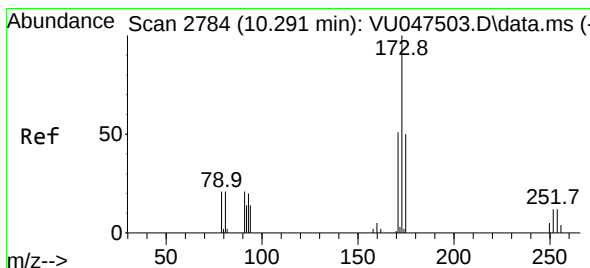
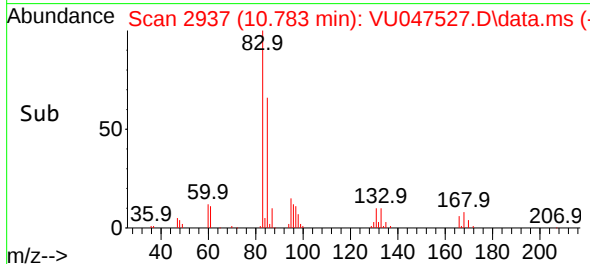
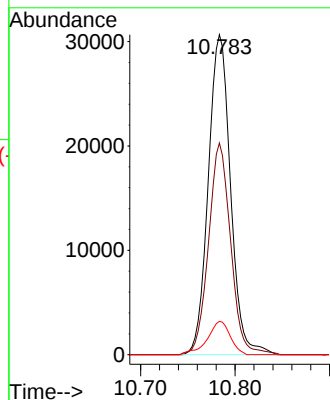
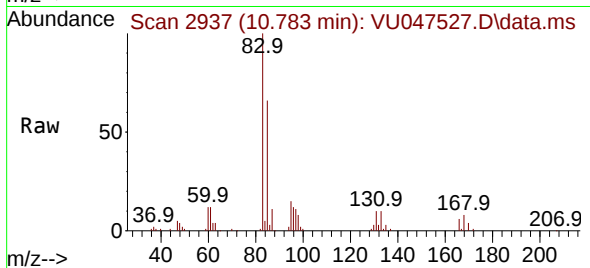
Tgt Ion: 83 Resp: 50178

Ion Ratio Lower Upper

83 100

85 66.1 46.0 85.4

131 10.4 8.2 12.4



#59

Bromoform

Concen: 6.583 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

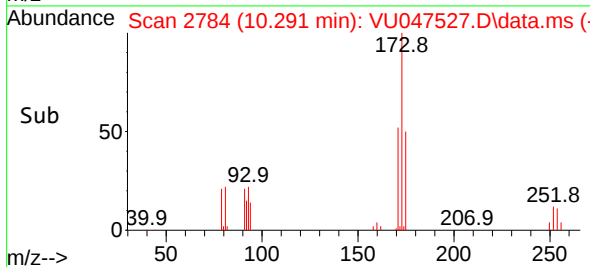
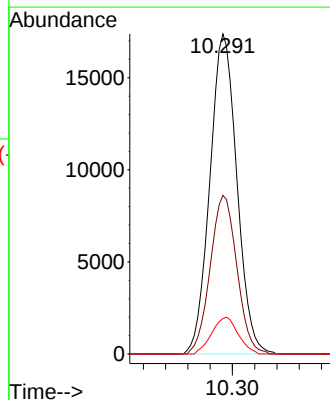
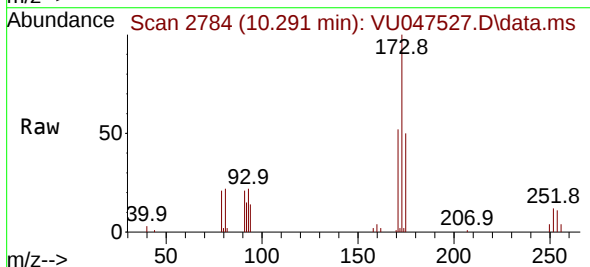
Tgt Ion: 173 Resp: 29224

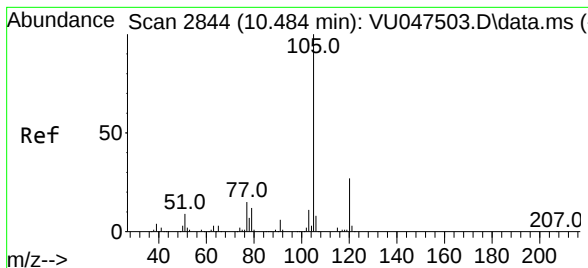
Ion Ratio Lower Upper

173 100

175 48.8 38.7 58.1

254 11.2 9.0 13.4





#60

Isopropylbenzene

Concen: 5.852 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

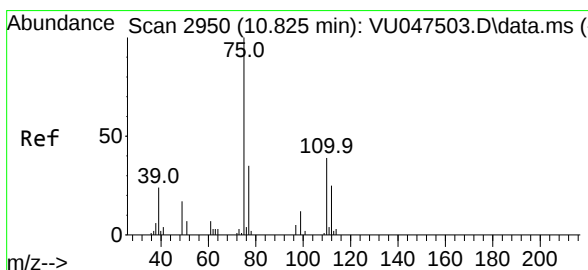
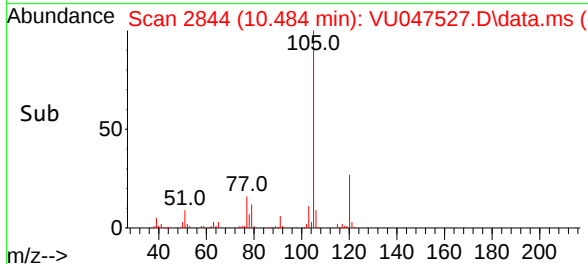
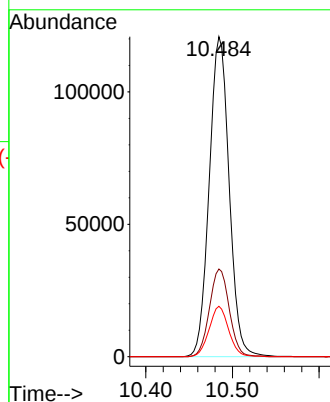
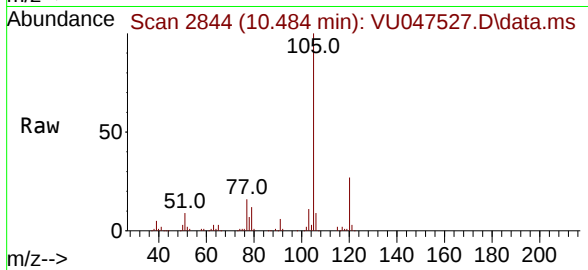
Tgt Ion:105 Resp: 193038

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

77 15.5 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 6.477 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

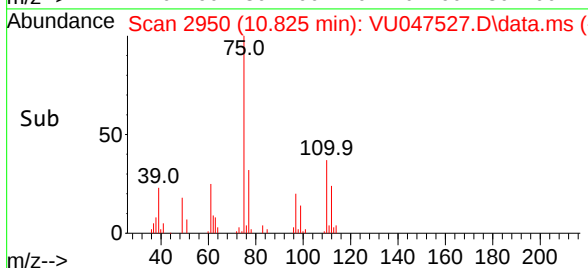
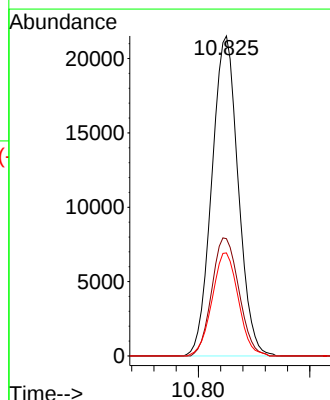
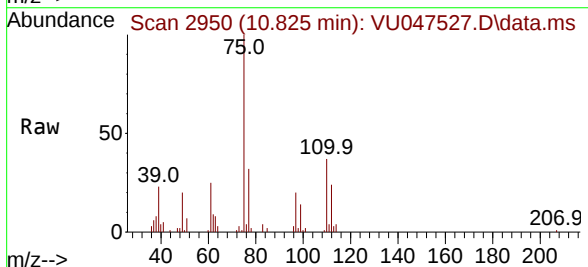
Tgt Ion: 75 Resp: 35372

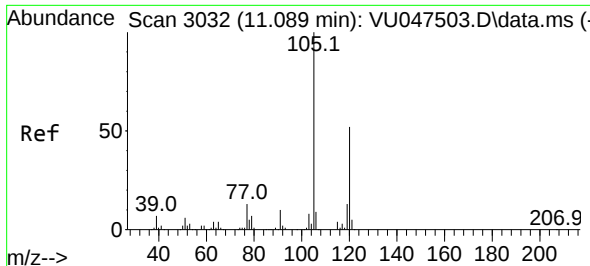
Ion Ratio Lower Upper

75 100

110 37.9 31.0 46.4

77 32.1 26.2 39.4

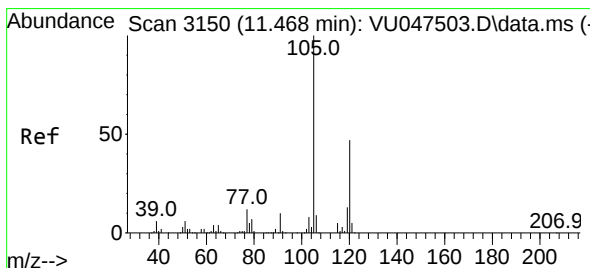
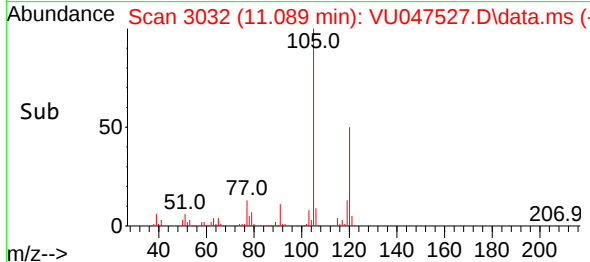
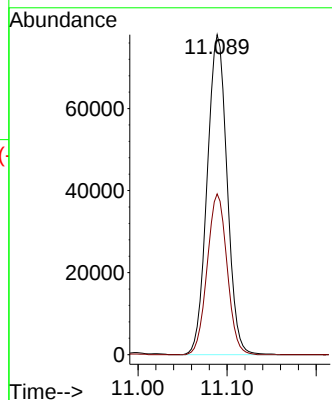
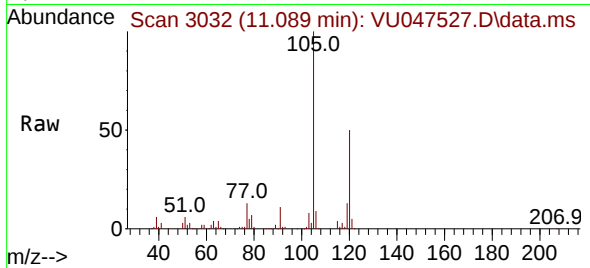




#62
 1,3,5-Trimethylbenzene
 Concen: 5.590 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

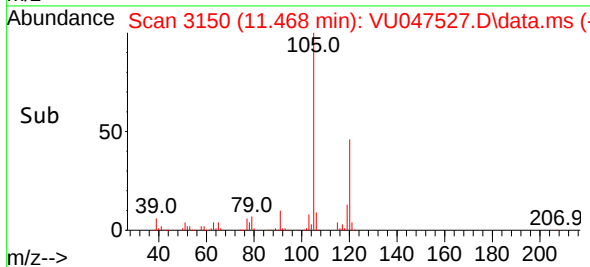
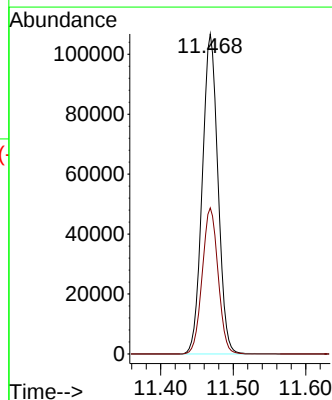
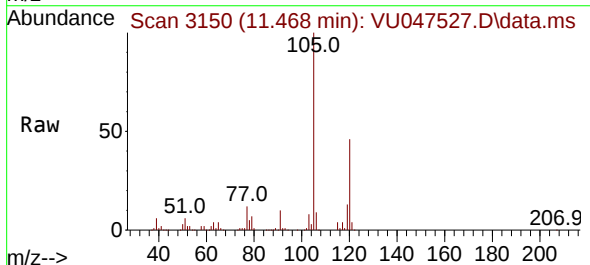
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MSD

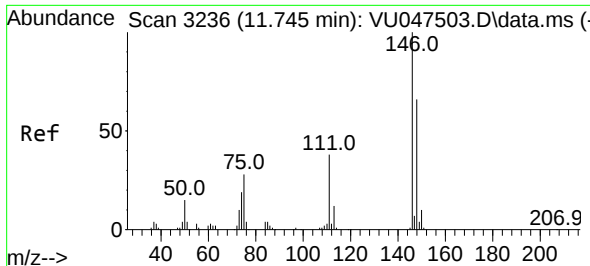
Tgt Ion:105 Resp: 120956
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.704 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

Tgt Ion:105 Resp: 160088
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.2 55.8

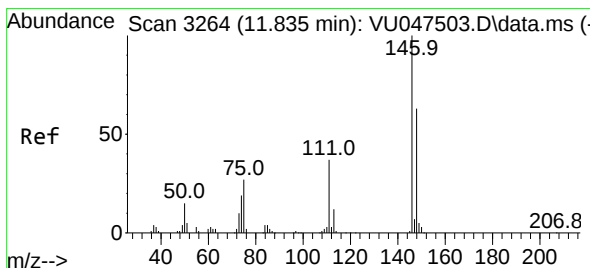
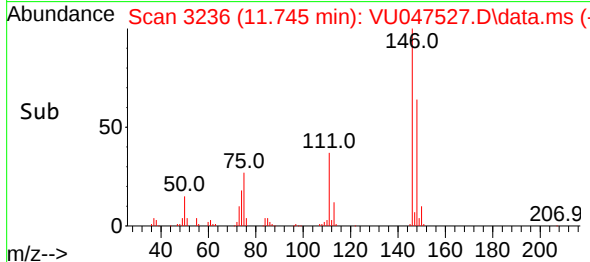
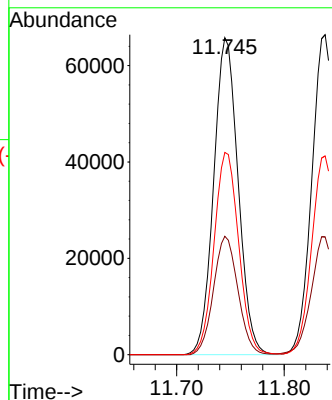
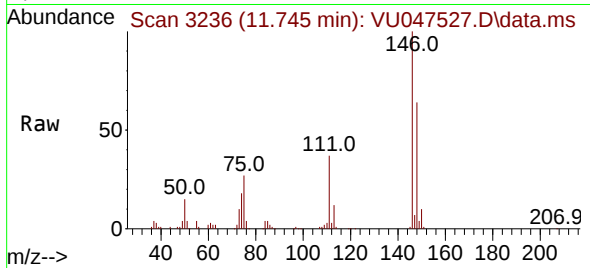




#64
1,3-Dichlorobenzene
Concen: 5.937 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

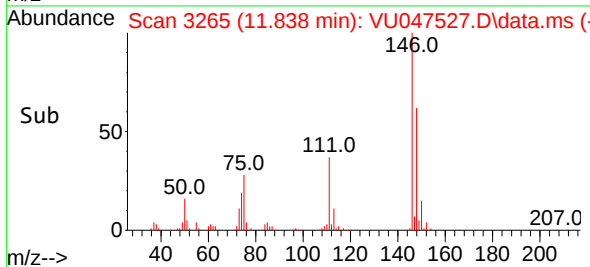
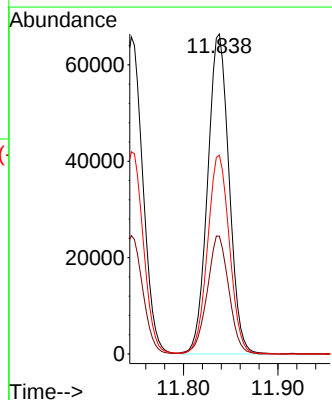
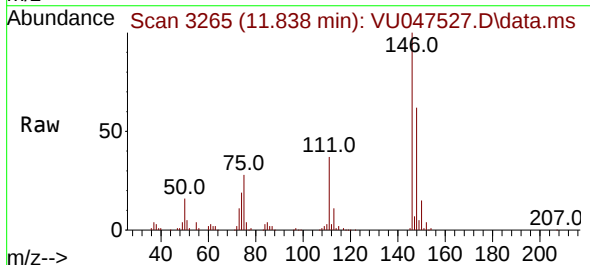
Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

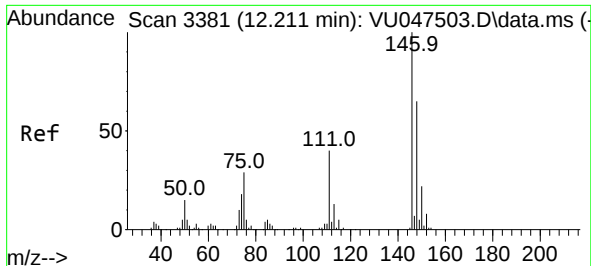
Tgt Ion:146 Resp: 103810
Ion Ratio Lower Upper
146 100
111 37.3 27.0 50.2
148 63.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.894 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:146 Resp: 104650
Ion Ratio Lower Upper
146 100
111 36.8 26.1 48.5
148 62.1 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 6.112 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

Instrument :

MSVOA_U

ClientSampleId :

ETNH9MSD

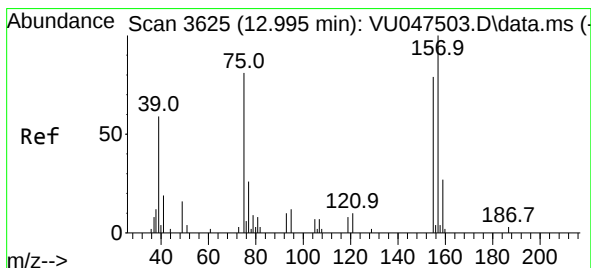
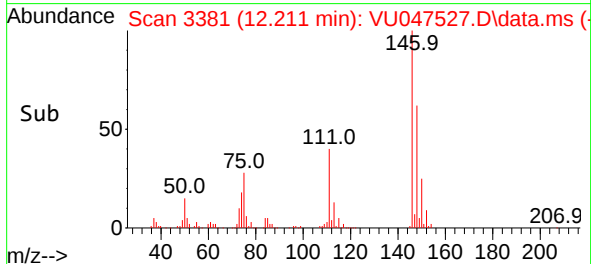
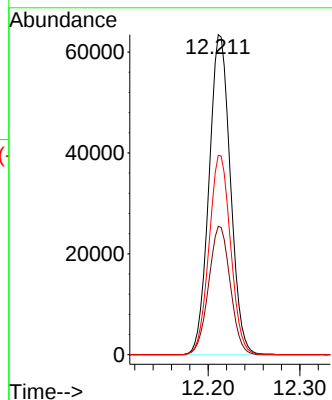
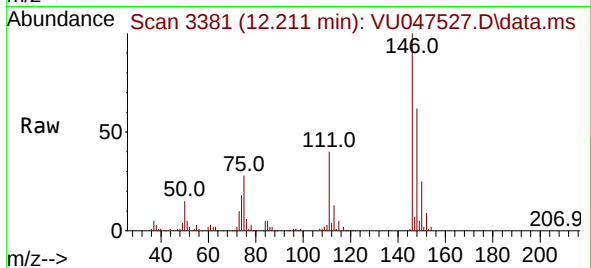
Tgt Ion:146 Resp: 102681

Ion Ratio Lower Upper

146 100

111 40.1 31.9 47.9

148 62.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.785 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047527.D

Acq: 12 Mar 2022 05:23

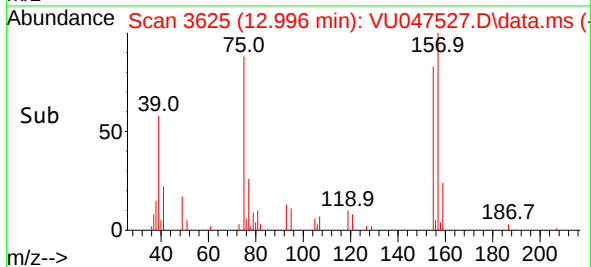
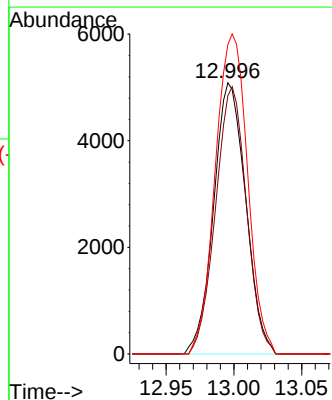
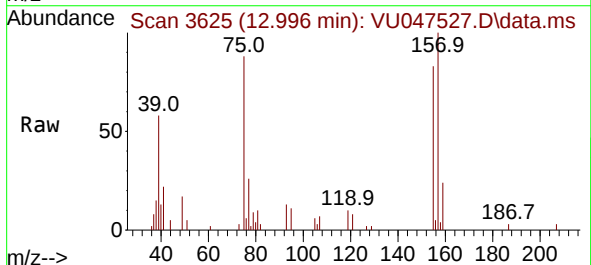
Tgt Ion: 75 Resp: 8354

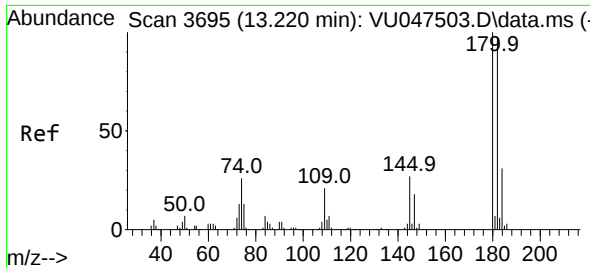
Ion Ratio Lower Upper

75 100

155 95.2 71.3 106.9

157 114.1 88.6 132.8

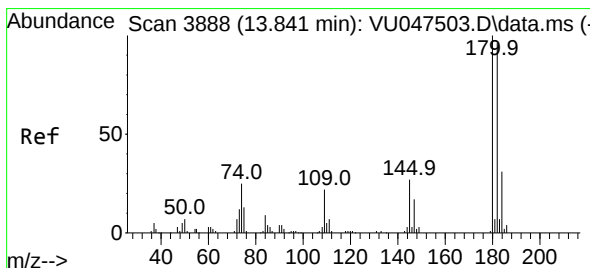
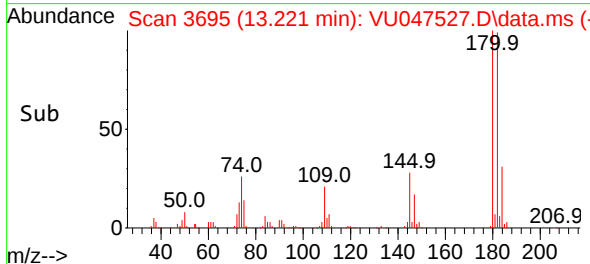
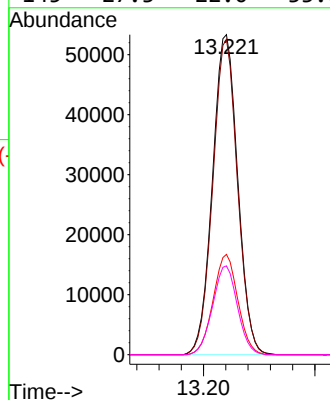
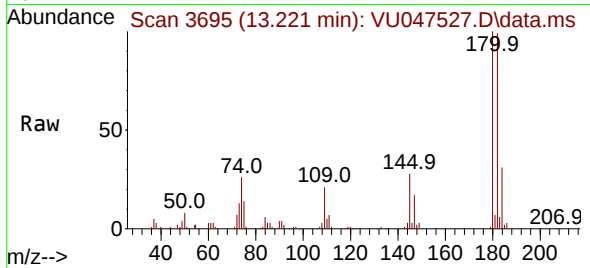




#69
 1,3,5-Trichlorobenzene
 Concen: 5.846 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

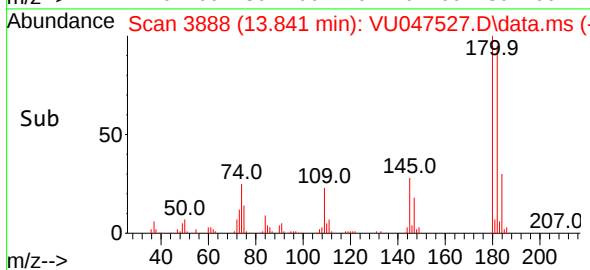
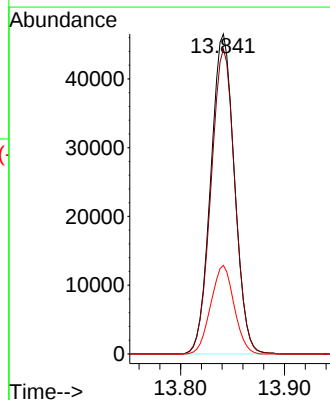
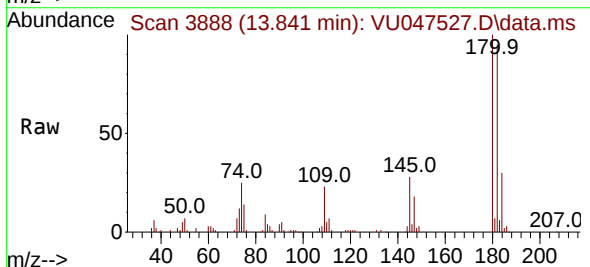
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MSD

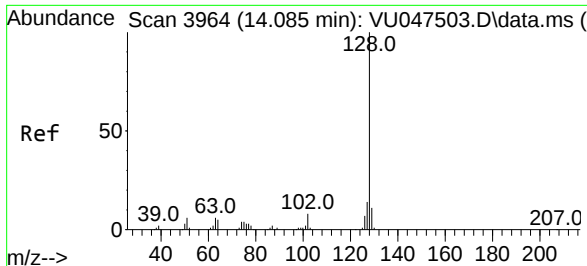
Tgt Ion:	180	Resp:	83833
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.1	115.7
184	30.7	25.0	37.4
145	27.3	22.0	33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.758 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047527.D
 Acq: 12 Mar 2022 05:23

Tgt Ion:	180	Resp:	73598
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.6	114.8
145	27.3	22.4	33.6

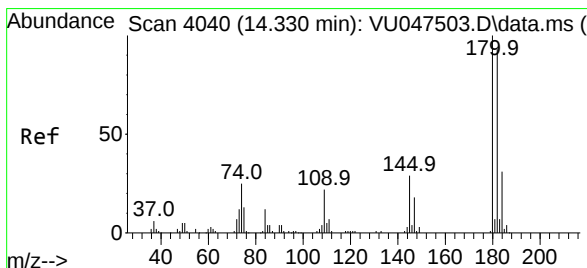
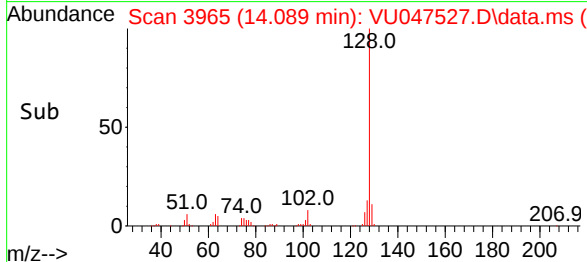
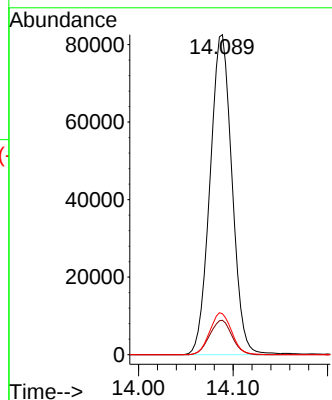
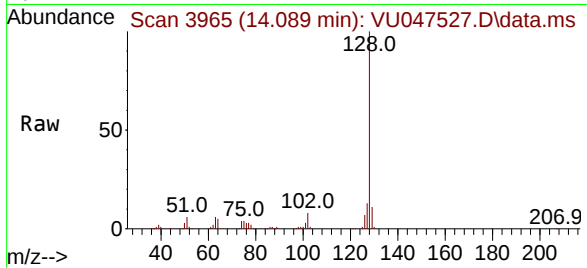




#71
Naphthalene
Concen: 5.838 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Instrument :
MSVOA_U
ClientSampleId :
ETNH9MSD

Tgt Ion:128 Resp: 133489
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.983 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047527.D
Acq: 12 Mar 2022 05:23

Tgt Ion:180 Resp: 70131
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 29.8 23.4 35.2

