

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046527.D
 Acq On : 21 Dec 2021 14:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:46:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	35321	4.849	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.922	69	26437	4.609	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	14019	4.564	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.652	46	91161	43.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.280%
24) Chloroform-d	5.070	84	61389	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.710	65	34504	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.732	84	117801	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.697	67	34453	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.903	98	108802	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	16794	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.639	63	95291	46.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35771	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40842	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	73985	5.228	ug/L	99
3) Chloromethane	1.523	50	55053	4.517	ug/L	96
5) Vinyl chloride	1.610	62	58081	4.841	ug/L	99
6) Bromomethane	1.864	94	34071	4.718	ug/L	100
8) Chloroethane	1.941	64	32076	4.554	ug/L	96
9) Trichlorofluoromethane	2.147	101	78834	5.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	40324	5.047	ug/L	96
12) 1,1-Dichloroethene	2.588	96	38188	4.694	ug/L	86
13) Acetone	2.678	43	73628	37.167	ug/L	97
14) Carbon disulfide	2.803	76	127766	4.808	ug/L	99
15) Methyl Acetate	2.967	43	15719	3.928	ug/L	95
16) Methylene chloride	3.054	84	42103	4.253	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	106581	4.491	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	39973	4.606	ug/L	96
19) 1,1-Dichloroethane	3.880	63	71604	4.479	ug/L	99
21) 2-Butanone	4.732	43	121786	40.521	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	43605	4.597	ug/L	97
23) Bromochloromethane	4.983	128	21109	4.471	ug/L	90
25) Chloroform	5.096	83	76828	4.448	ug/L	96

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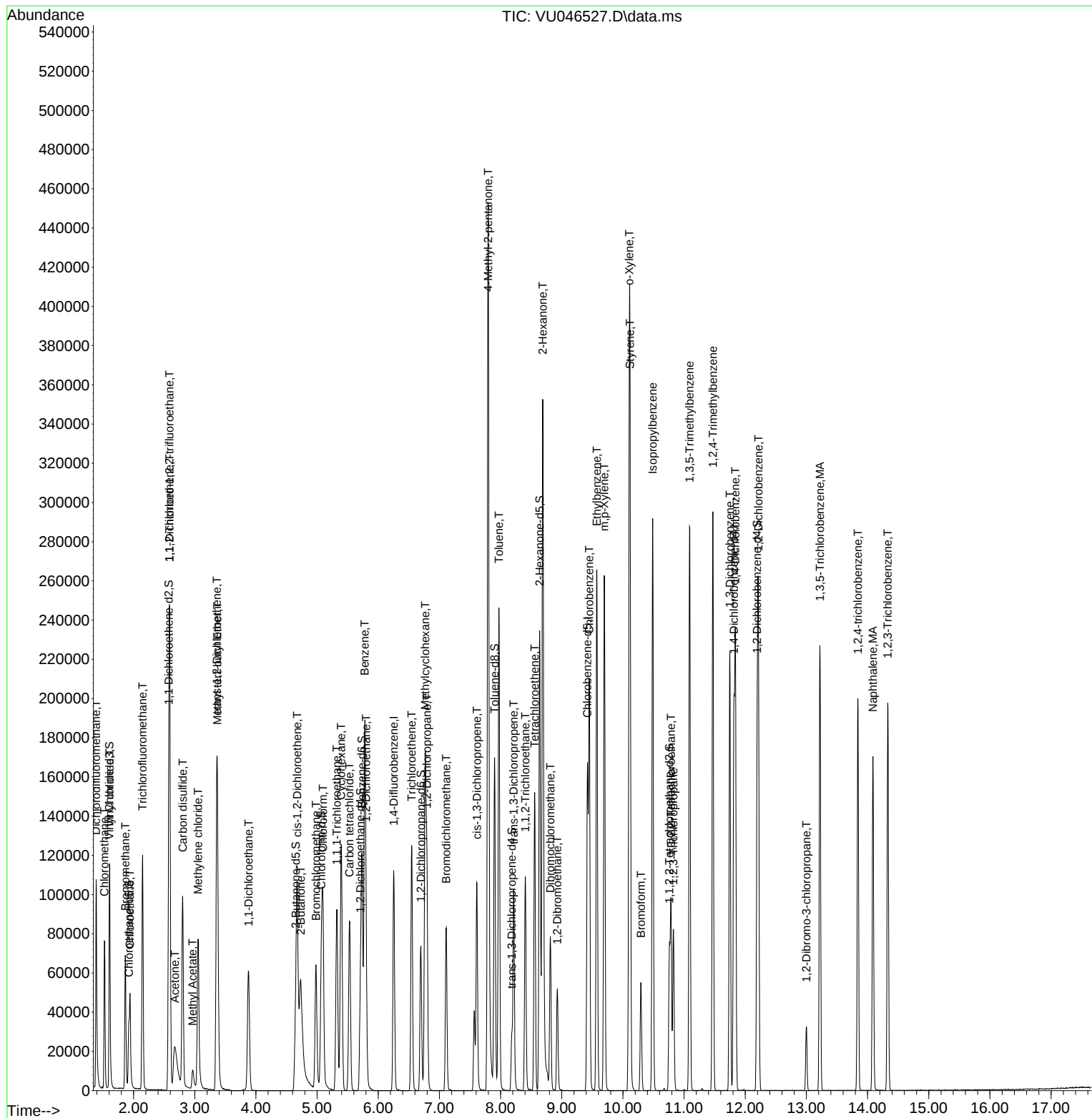
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	54293	4.404	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	70253	4.688	ug/L	97
30) Cyclohexane	5.395	56	63782	5.146	ug/L	95
31) Carbon tetrachloride	5.530	117	61670	4.905	ug/L	96
33) Benzene	5.780	78	162978	4.527	ug/L	100
34) Trichloroethene	6.546	95	43114	4.542	ug/L	96
35) Methylcyclohexane	6.768	83	70630	5.278	ug/L	95
37) 1,2-Dichloropropane	6.796	63	40693	4.431	ug/L	98
38) Bromodichloromethane	7.112	83	55317	4.351	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	63712	4.583	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	299276	43.410	ug/L	95
42) Toluene	7.973	91	177719	4.809	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	59225	4.597	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	34802	4.394	ug/L	98
47) Tetrachloroethene	8.558	164	33113	4.930	ug/L	97
48) 2-Hexanone	8.690	43	214621	41.685	ug/L #	96
49) Dibromochloromethane	8.816	129	41828	4.578	ug/L	96
50) 1,2-Dibromoethane	8.928	107	34899	4.565	ug/L #	98
51) Chlorobenzene	9.449	112	110849	4.692	ug/L	99
52) Ethylbenzene	9.574	91	188700	4.933	ug/L	99
53) m,p-Xylene	9.697	106	74143	5.059	ug/L	94
54) o-Xylene	10.105	106	72146	5.123	ug/L	95
55) Styrene	10.118	104	122925	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	45870	4.432	ug/L	94
59) Bromoform	10.295	173	24896	4.506	ug/L	97
60) Isopropylbenzene	10.488	105	191162	5.183	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	36067	4.541	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	161037	5.250	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	164362	5.321	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	90465	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	89539	4.879	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87244	4.852	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8582	4.668	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	67865	5.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	59422	5.171	ug/L	99
71) Naphthalene	14.089	128	134753	5.280	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59424	5.223	ug/L	98

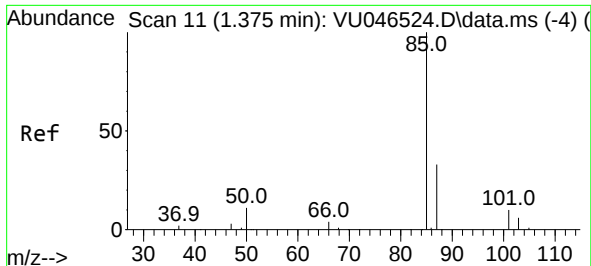
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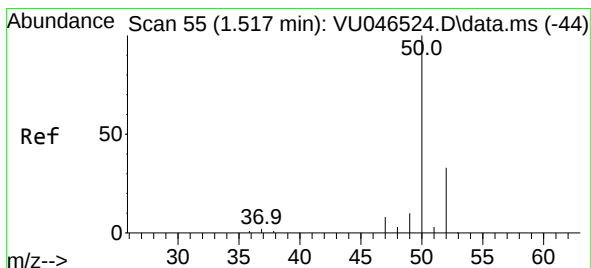
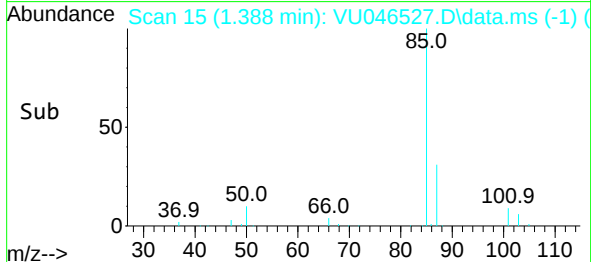
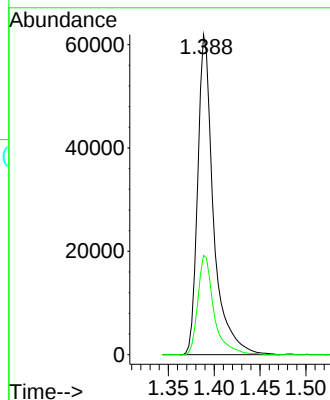
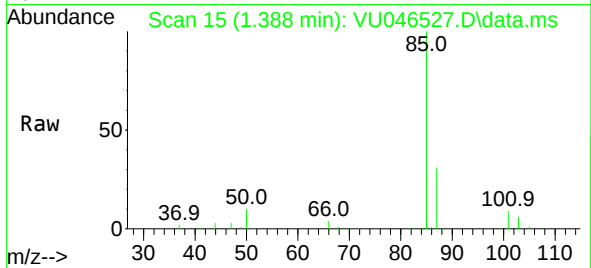




#2
 Dichlorodifluoromethane
 Concen: 5.228 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

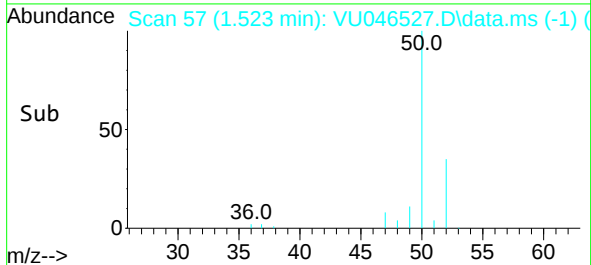
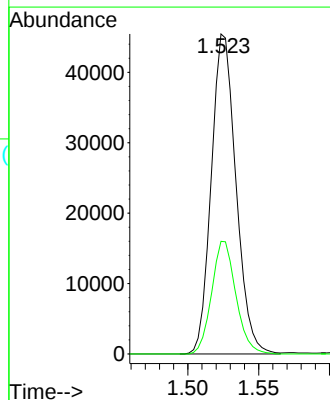
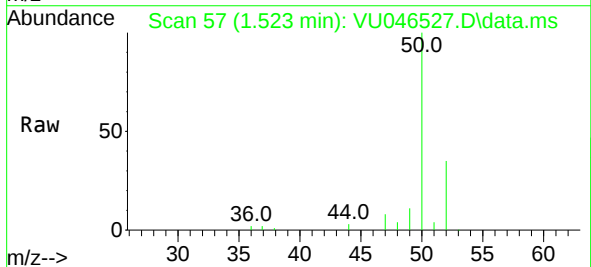
Instrument :
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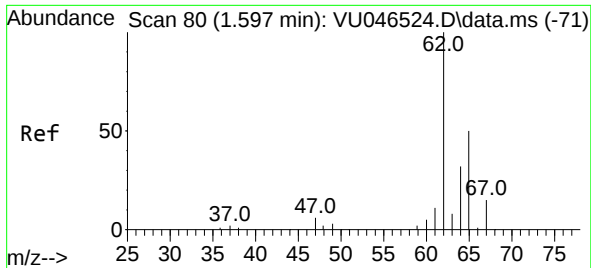
Tgt Ion: 85 Resp: 73985
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#3
 Chloromethane
 Concen: 4.517 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

Tgt Ion: 50 Resp: 55053
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.0 42.8

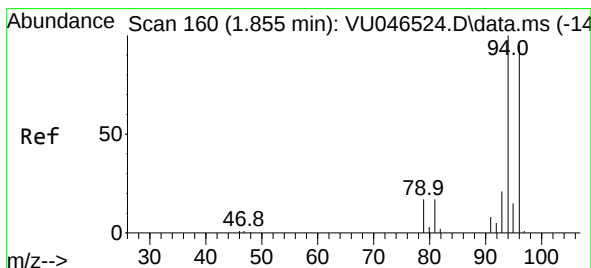
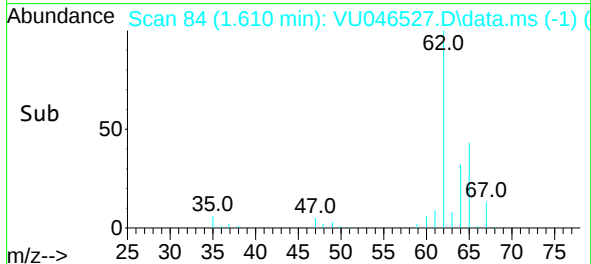
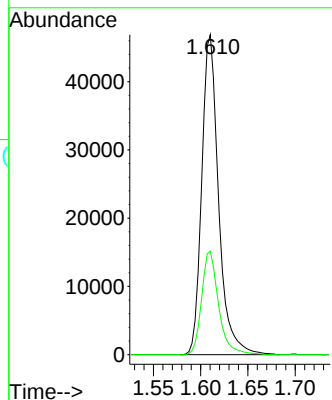
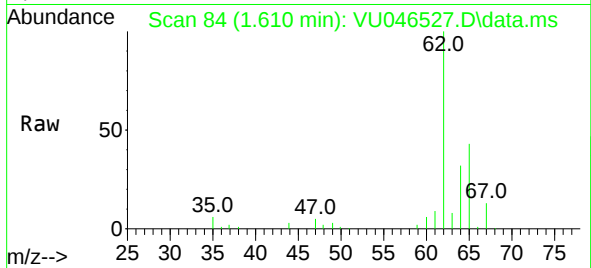




#5
 Vinyl chloride
 Concen: 4.841 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

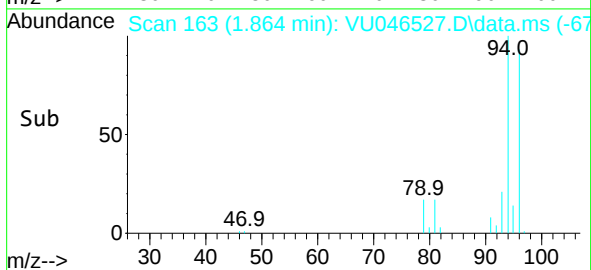
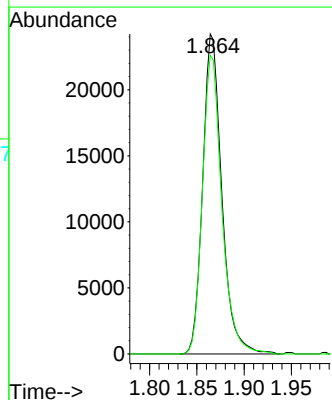
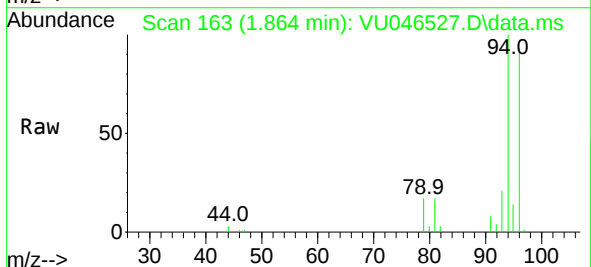
Instrument :
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 ClientSampleId :

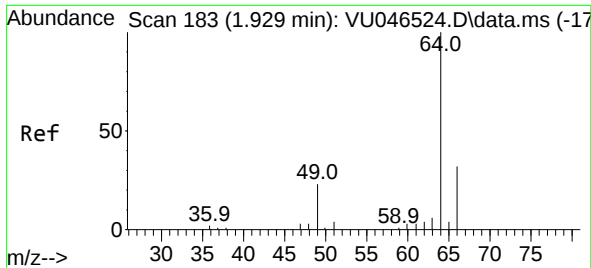
Tgt Ion: 62 Resp: 58081
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 4.718 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

Tgt Ion: 94 Resp: 34071
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.5 121.6

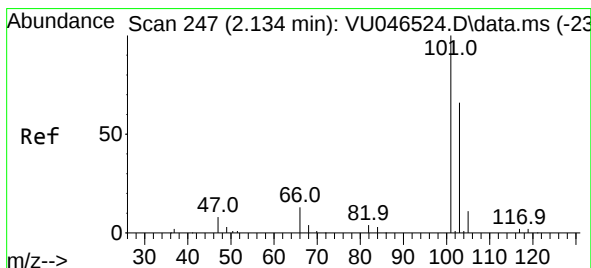
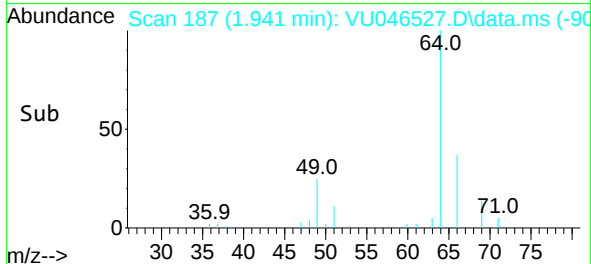
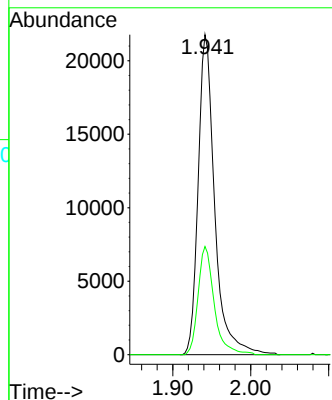
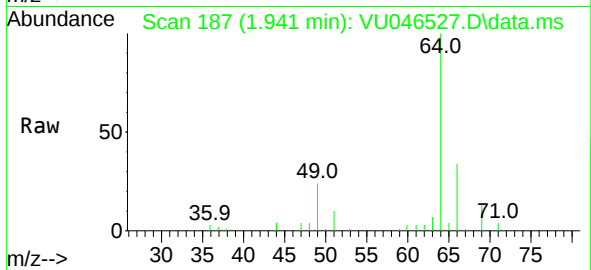




#8
Chloroethane
Concen: 4.554 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

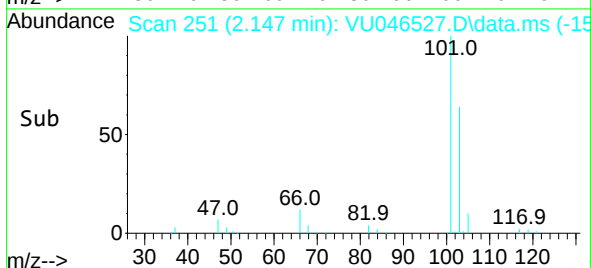
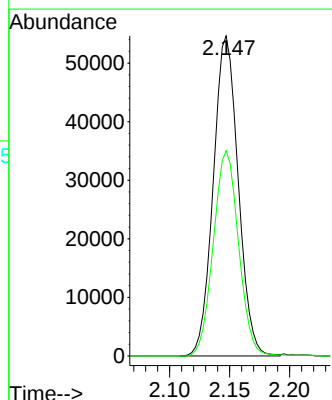
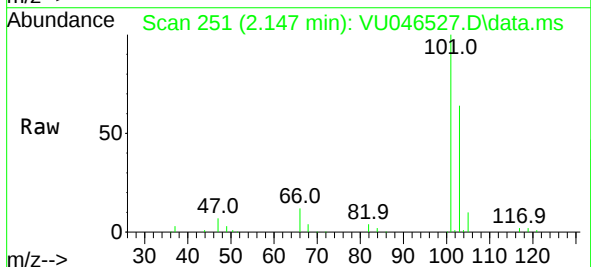
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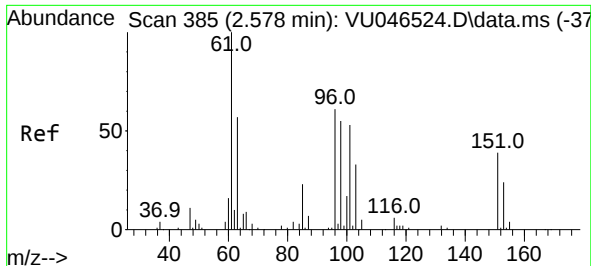
Tgt Ion: 64 Resp: 32076
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.023 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion:101 Resp: 78834
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

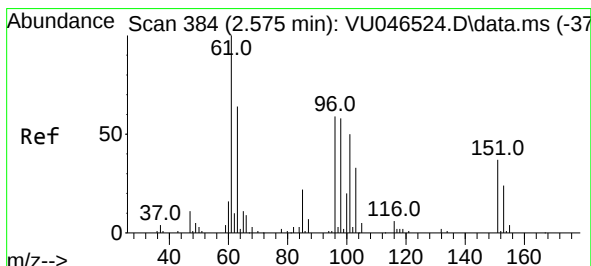
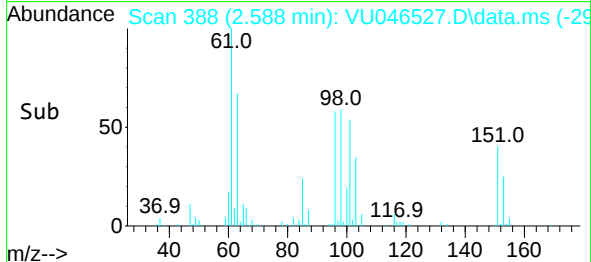
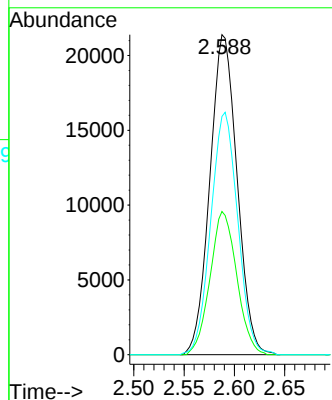
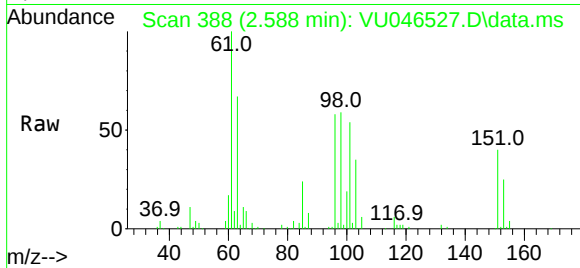




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.047 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

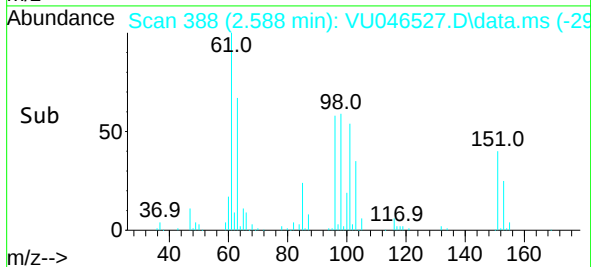
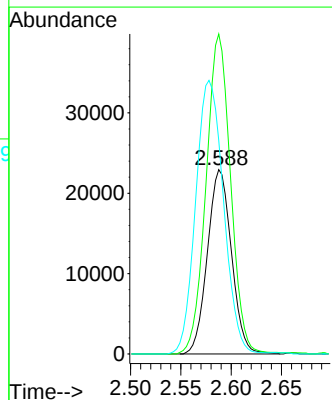
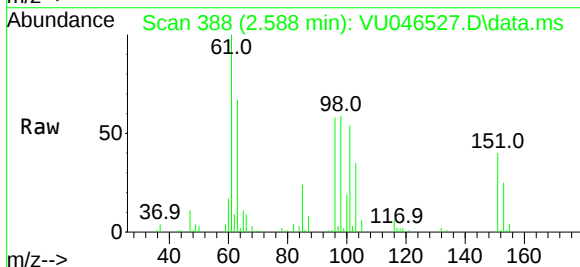
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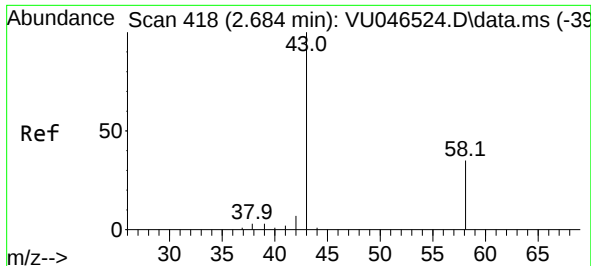
Tgt Ion:101 Resp: 40324
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 75.1 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.694 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 96 Resp: 38188
Ion Ratio Lower Upper
96 100
61 173.6 124.7 231.5
63 115.8 105.2 195.4





#13

Acetone

Concen: 37.167 ug/L

RT: 2.678 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

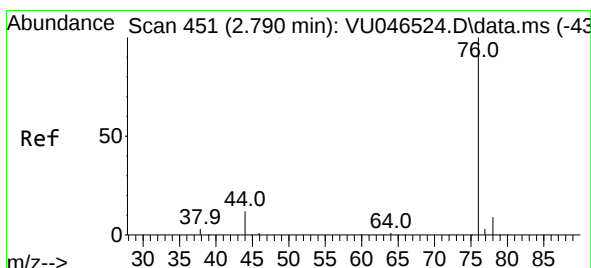
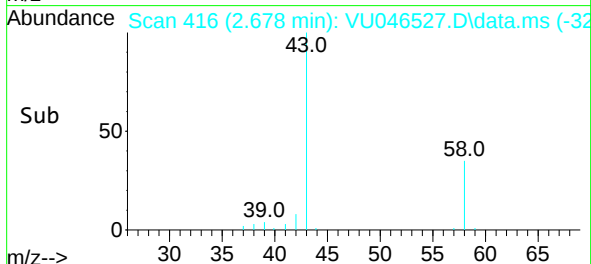
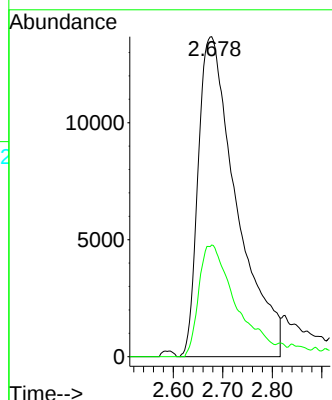
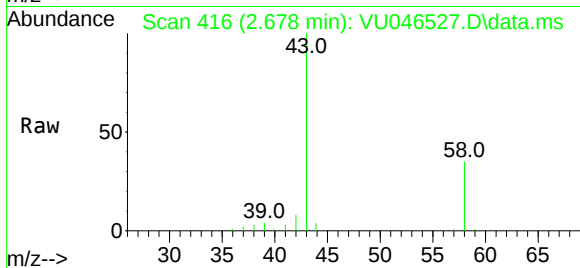
ClientSampleId :

Tgt Ion: 43 Resp: 73628

Ion Ratio Lower Upper

43 100

58 33.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.808 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.013 min

Lab File: VU046527.D

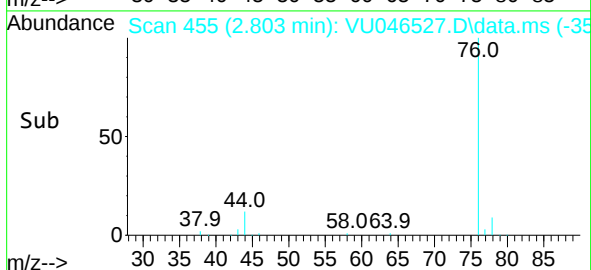
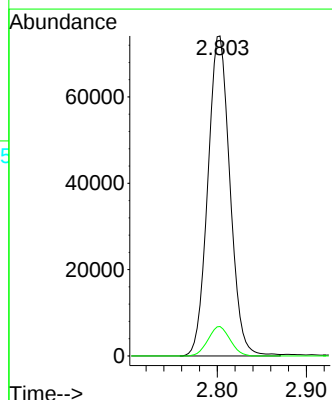
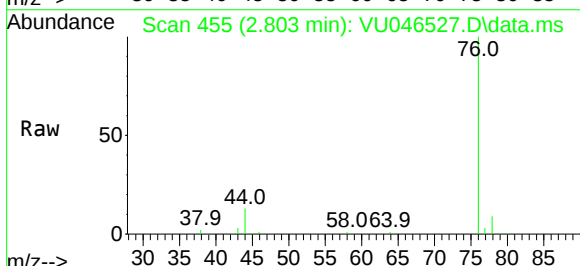
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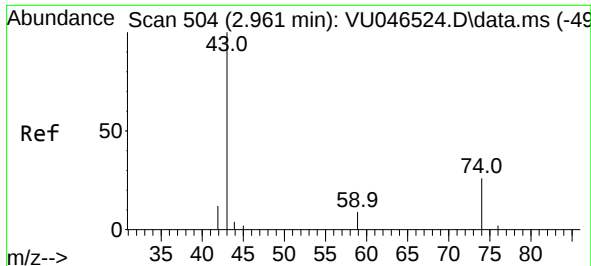
Tgt Ion: 76 Resp: 127766

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

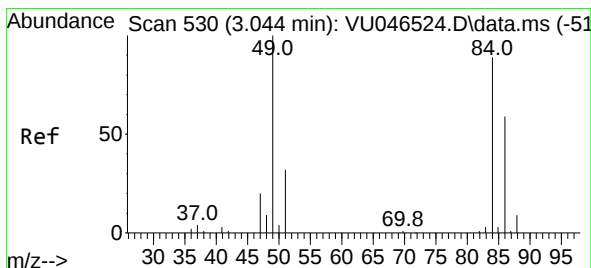
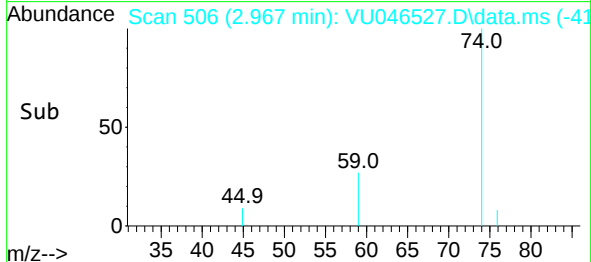
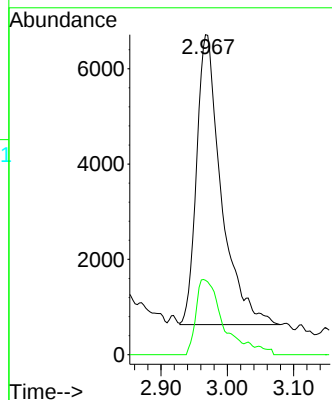
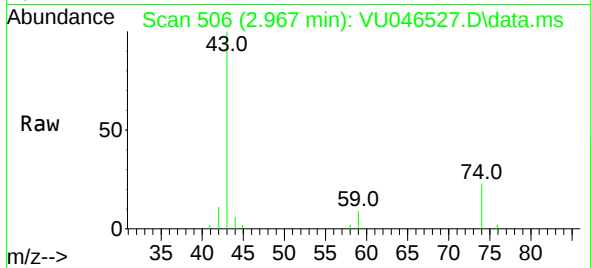




#15
Methyl Acetate
Concen: 3.928 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

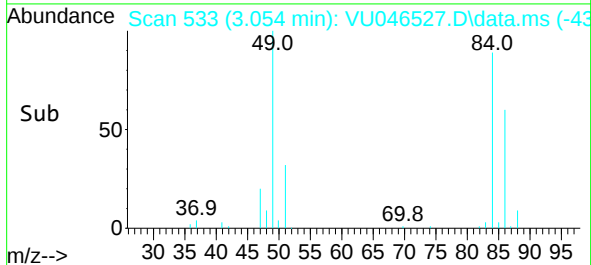
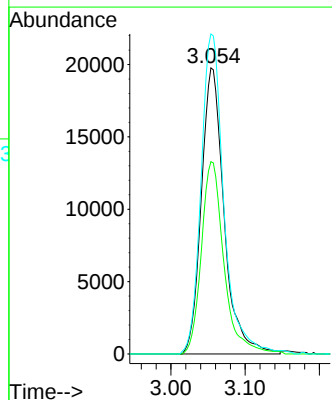
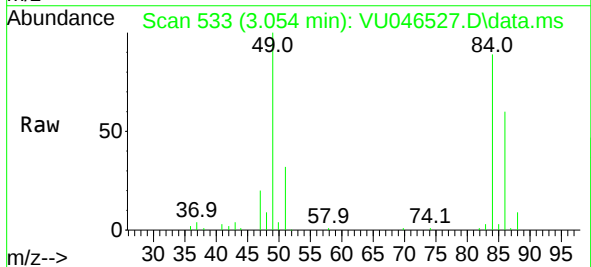
Instrument :
MSVOA_U
ClientSampleId :

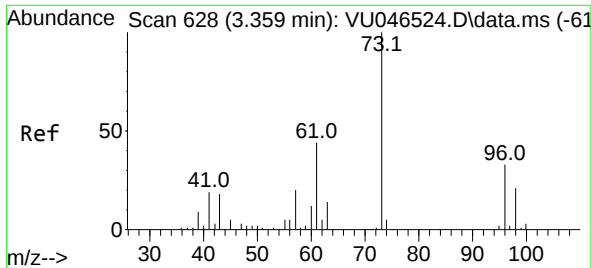
Tgt Ion: 43 Resp: 15719
Ion Ratio Lower Upper
43 100
74 26.6 19.1 28.7



#16
Methylene chloride
Concen: 4.253 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

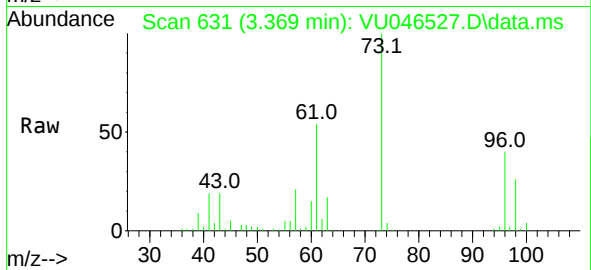
Tgt Ion: 84 Resp: 42103
Ion Ratio Lower Upper
84 100
86 67.2 45.8 85.0
49 111.9 84.5 156.9



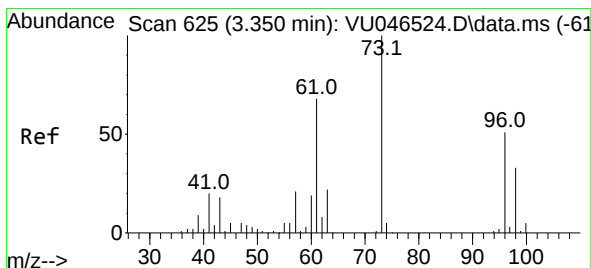
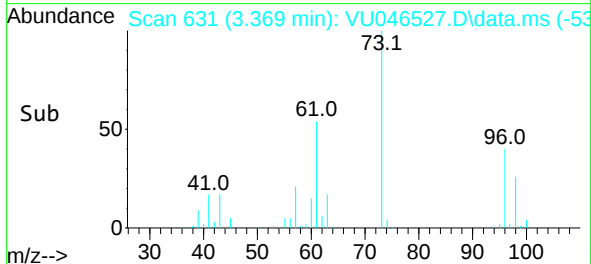
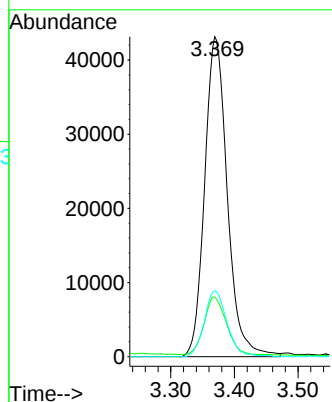


#17
Methyl tert-butyl Ether
Concen: 4.491 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :

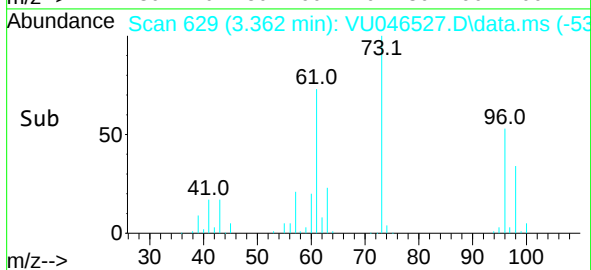
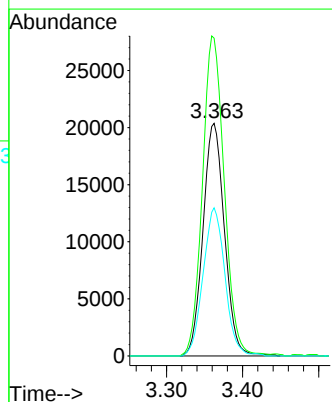
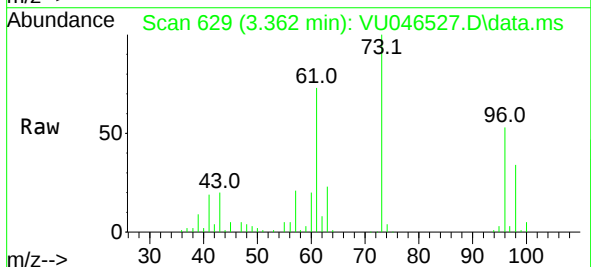


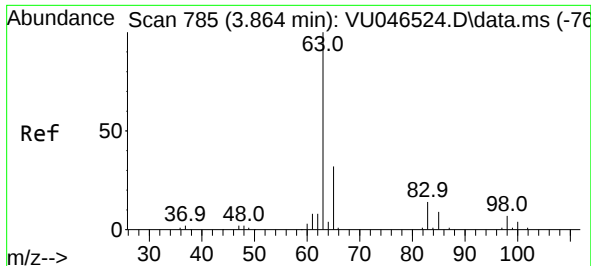
Tgt Ion: 73 Resp: 106581
Ion Ratio Lower Upper
73 100
43 17.8 14.8 22.2
57 20.6 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.606 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 96 Resp: 39973
Ion Ratio Lower Upper
96 100
61 136.6 100.8 187.2
98 63.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.479 ug/L

RT: 3.880 min Scan# 71604

Delta R.T. 0.016 min

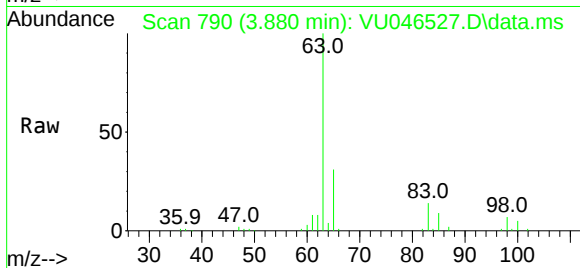
Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

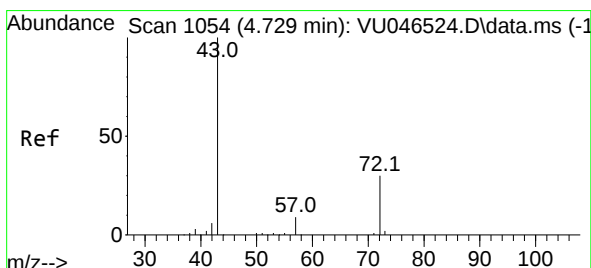
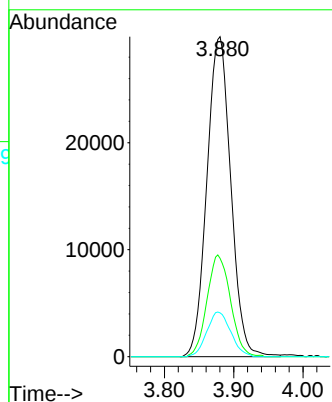
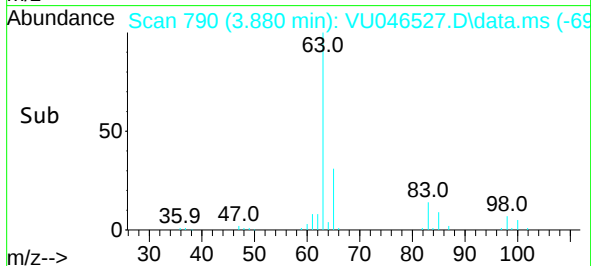
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	71604
Ion Ratio	Lower	Upper	
63	100		
65	30.8	22.3	41.5
83	13.7	9.6	17.8



#21

2-Butanone

Concen: 40.521 ug/L

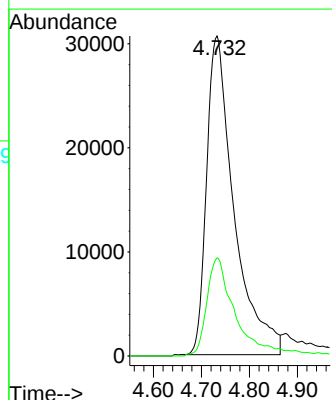
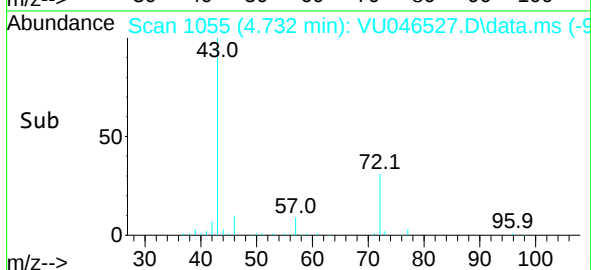
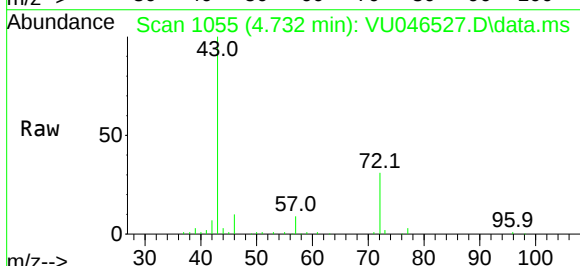
RT: 4.732 min Scan# 1055

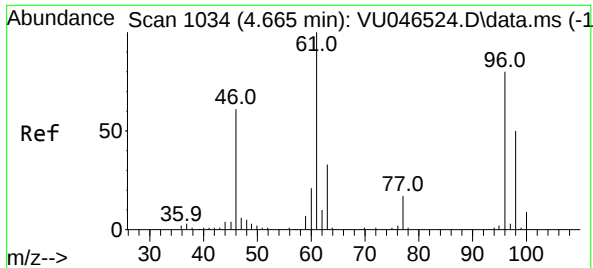
Delta R.T. 0.003 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Tgt Ion:	43	Resp:	121786
Ion Ratio	Lower	Upper	
43	100		
72	29.7	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.597 ug/L

RT: 4.674 min Scan# 1034

Delta R.T. 0.010 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

ClientSampleId :

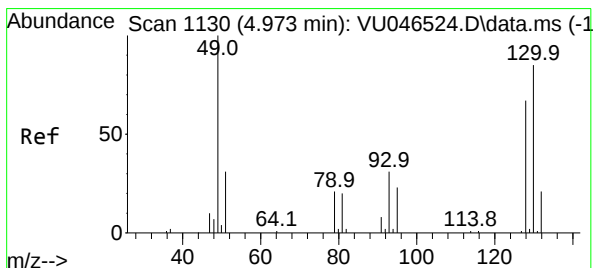
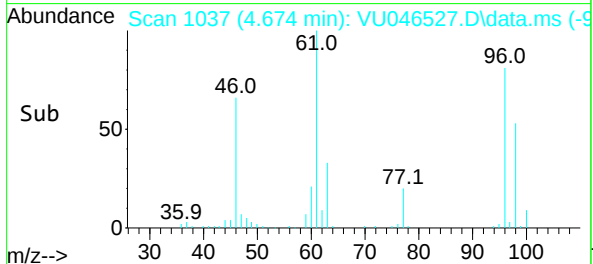
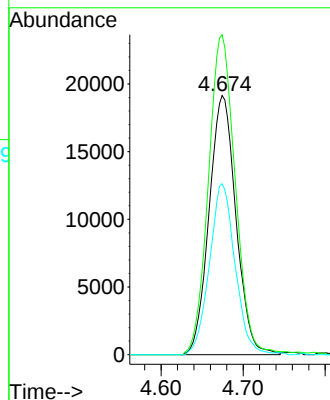
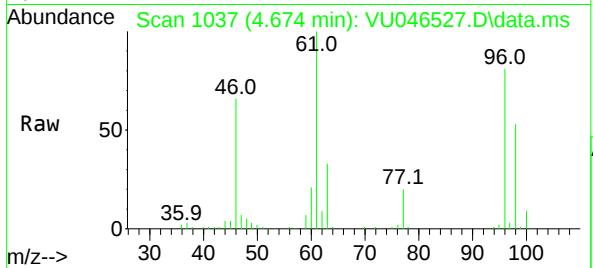
Tgt Ion: 96 Resp: 43605

Ion Ratio Lower Upper

96 100

61 123.4 88.5 164.3

98 66.0 44.4 82.5



#23

Bromochloromethane

Concen: 4.471 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Tgt Ion:128 Resp: 21109

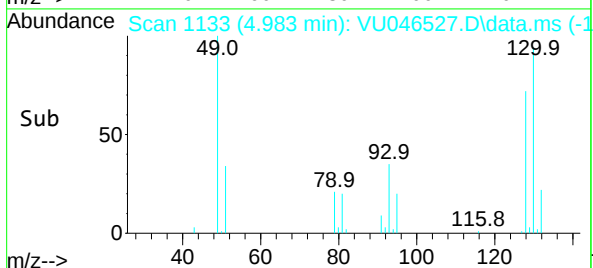
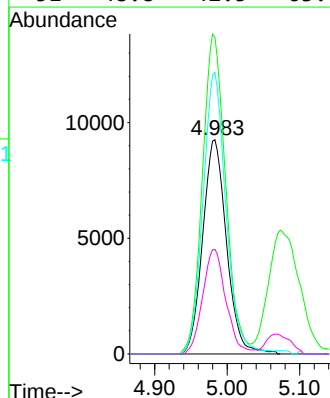
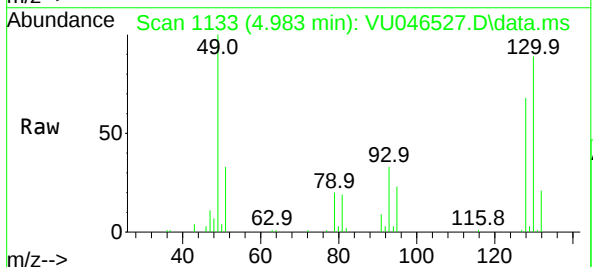
Ion Ratio Lower Upper

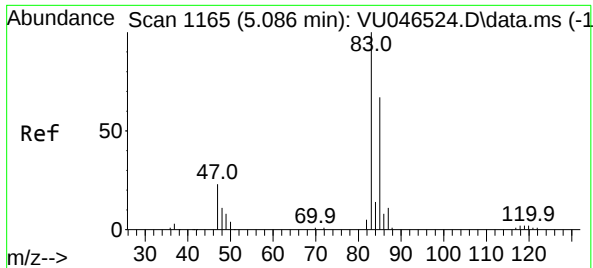
128 100

49 147.8 117.0 217.2

130 131.4 88.2 163.8

51 48.8 42.5 63.7

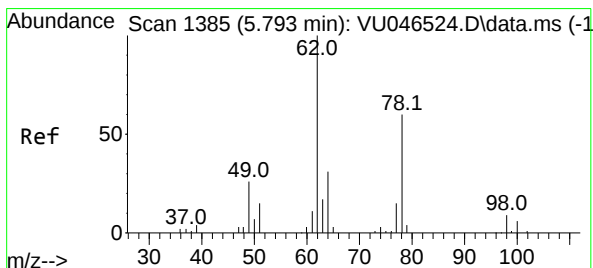
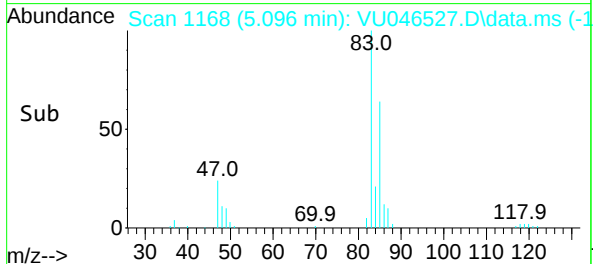
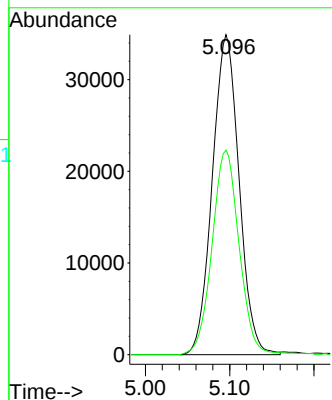
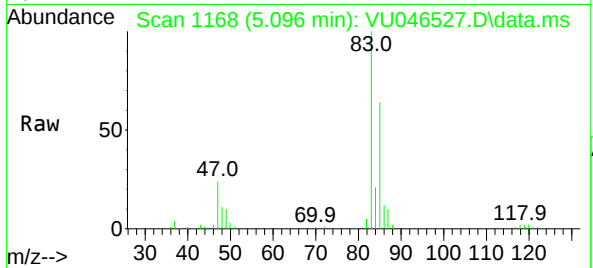




#25
Chloroform
Concen: 4.448 ug/L
RT: 5.096 min Scan# 1165
Delta R.T. 0.010 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

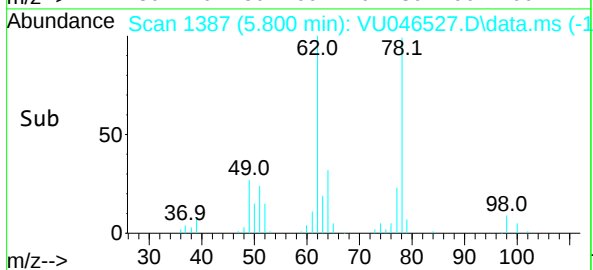
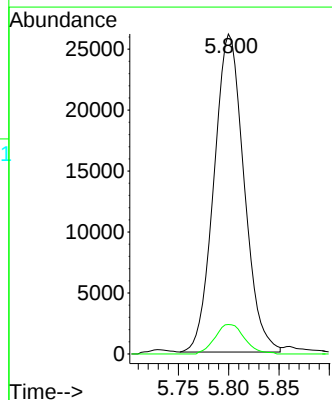
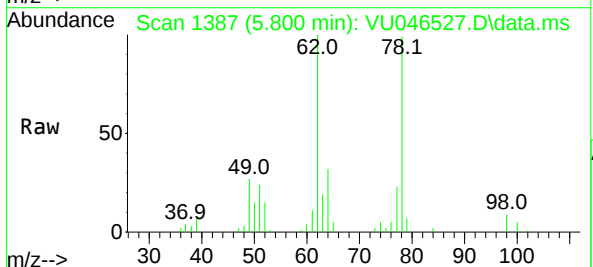
Instrument :
MSVOA_U
ClientSampleId :

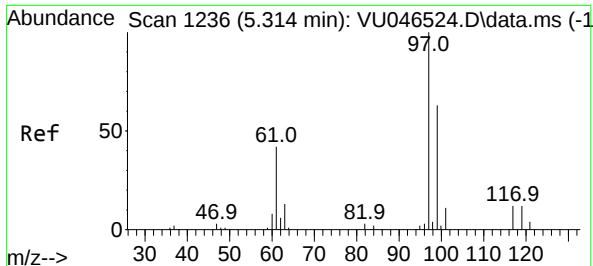
Tgt Ion: 83 Resp: 76828
Ion Ratio Lower Upper
83 100
85 64.0 46.9 87.1



#27
1,2-Dichloroethane
Concen: 4.404 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 62 Resp: 54293
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.688 ug/L

RT: 5.324 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

ClientSampleId :

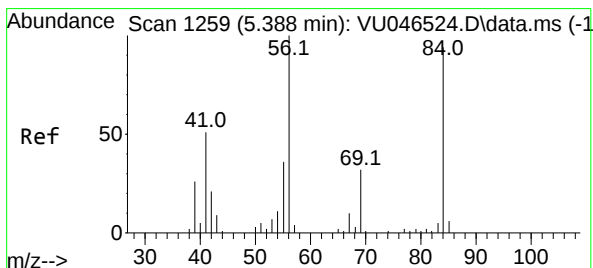
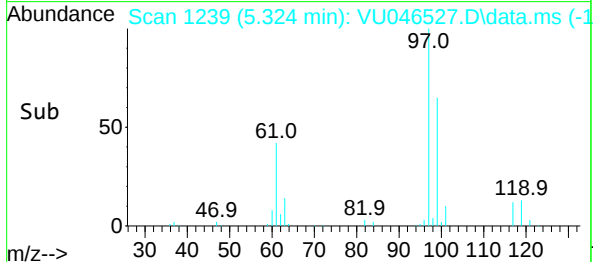
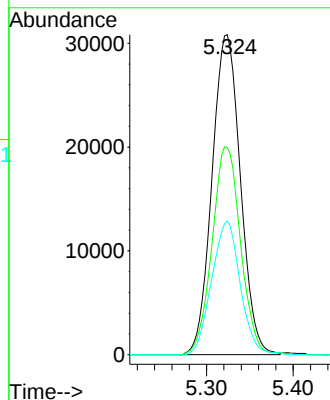
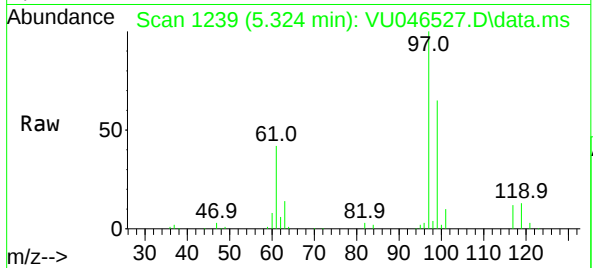
Tgt Ion: 97 Resp: 70253

Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 41.9 36.1 54.1



#30

Cyclohexane

Concen: 5.146 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

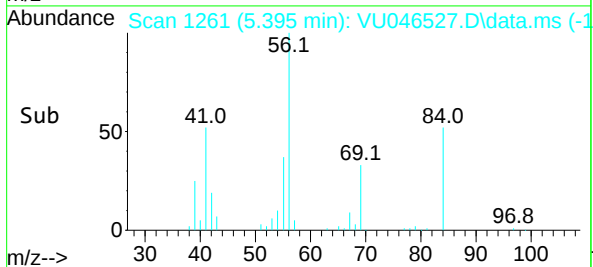
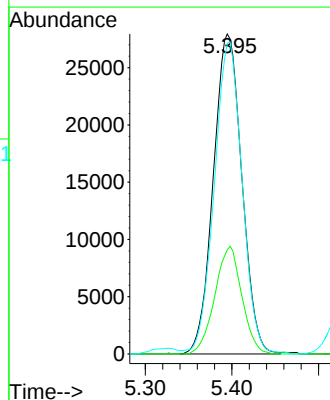
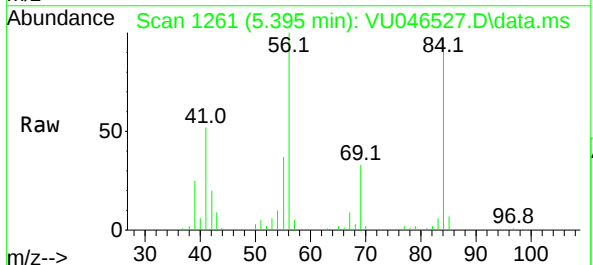
Tgt Ion: 56 Resp: 63782

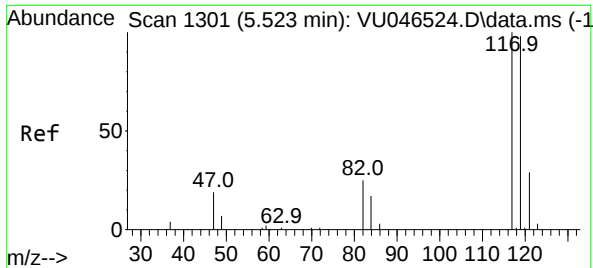
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 95.4 71.8 107.6

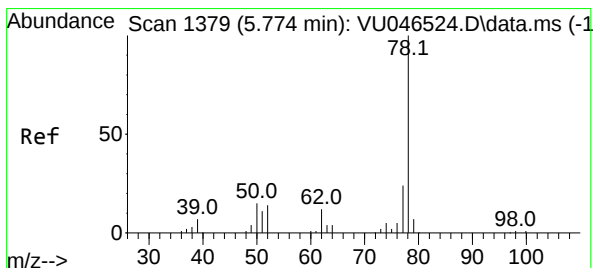
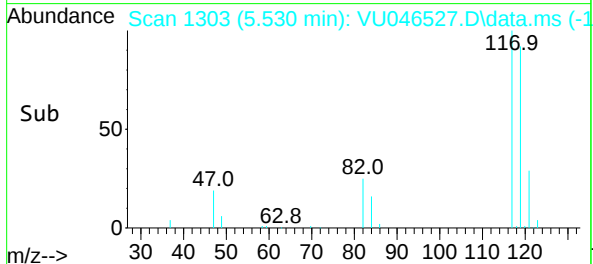
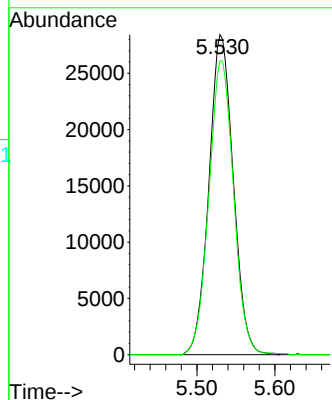
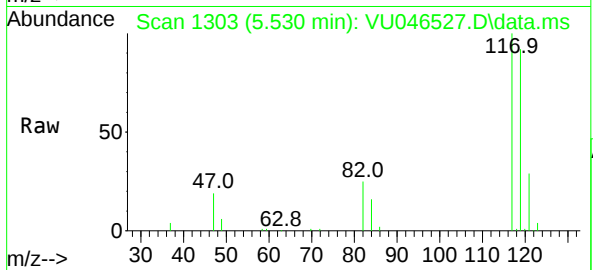




#31
Carbon tetrachloride
Concen: 4.905 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

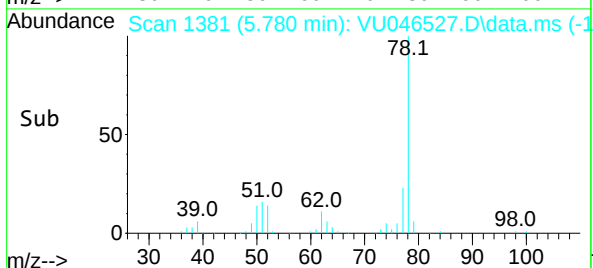
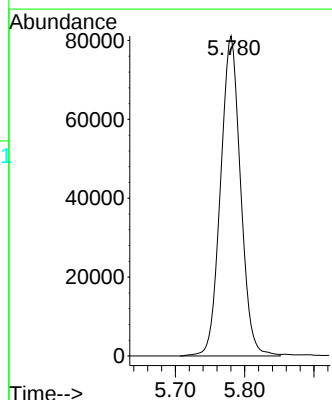
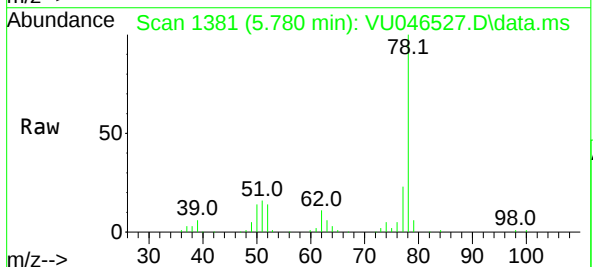
Instrument :
MSVOA_U
ClientSampleId :

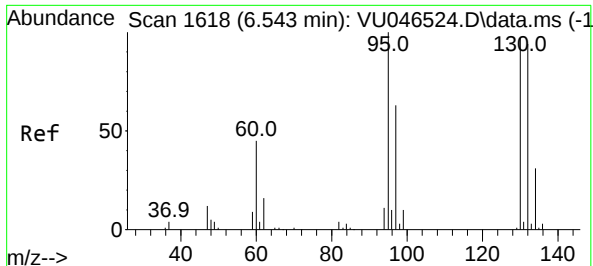
Tgt Ion:117 Resp: 61670
Ion Ratio Lower Upper
117 100
119 93.4 77.5 116.3



#33
Benzene
Concen: 4.527 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 78 Resp: 162978

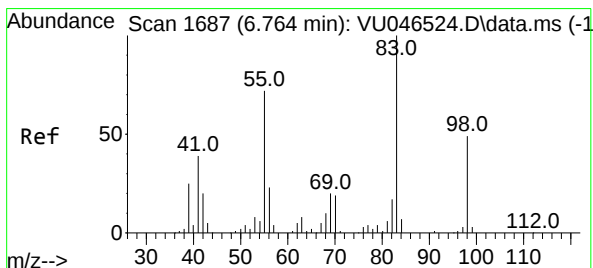
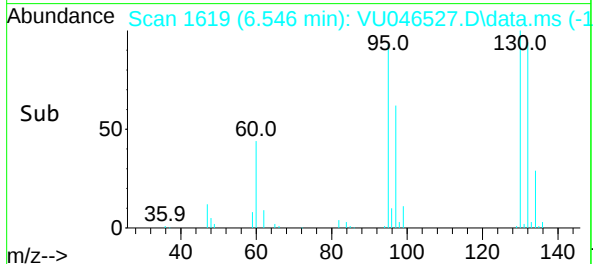
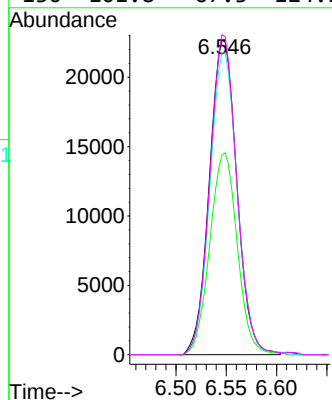
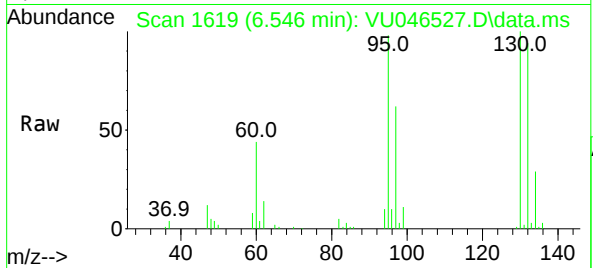




#34
Trichloroethene
Concen: 4.542 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

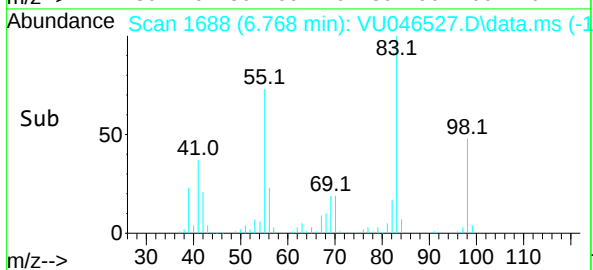
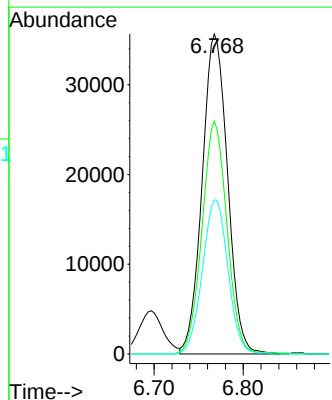
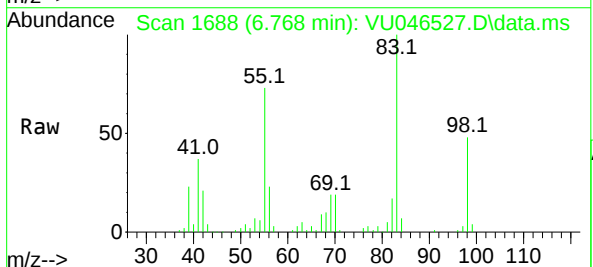
Instrument :
MSVOA_U
ClientSampleId :

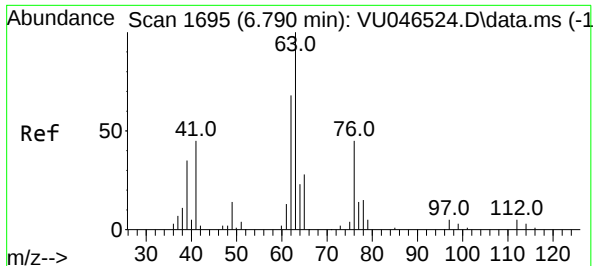
Tgt Ion: 95 Resp: 43114
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.5
132 96.0 65.1 120.9
130 101.8 67.3 124.9



#35
Methylcyclohexane
Concen: 5.278 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 83 Resp: 70630
Ion Ratio Lower Upper
83 100
55 71.4 61.9 92.9
98 48.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.431 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

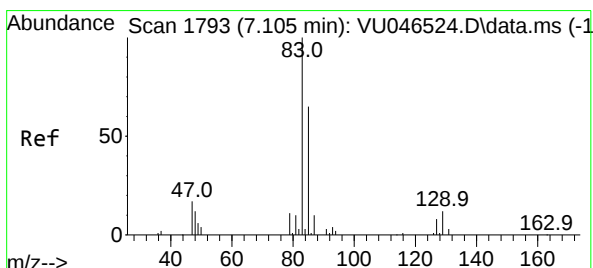
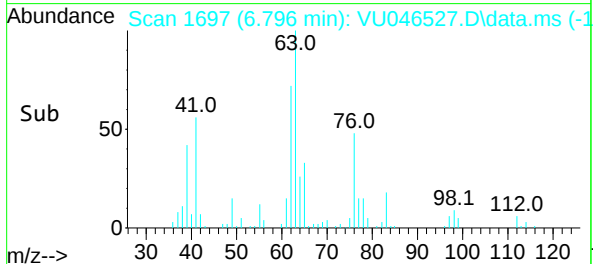
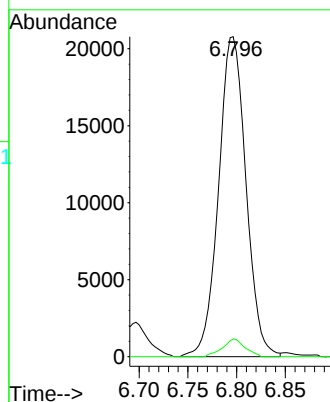
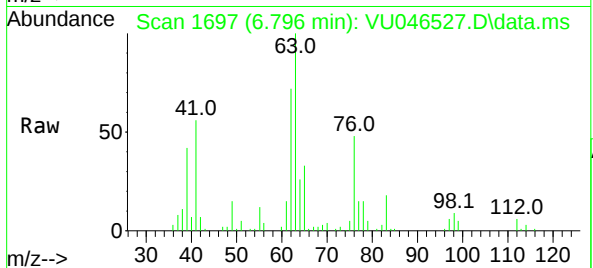
ClientSampleId :

Tgt Ion: 63 Resp: 40693

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 4.351 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

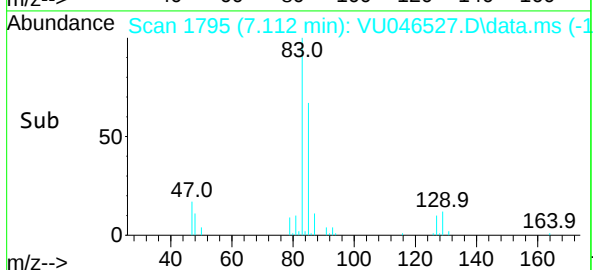
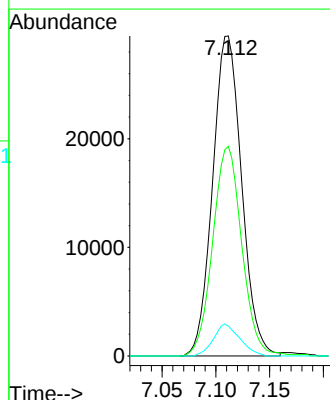
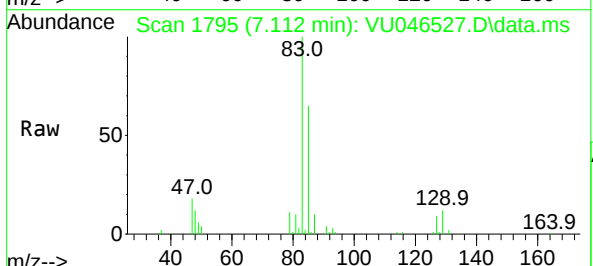
Tgt Ion: 83 Resp: 55317

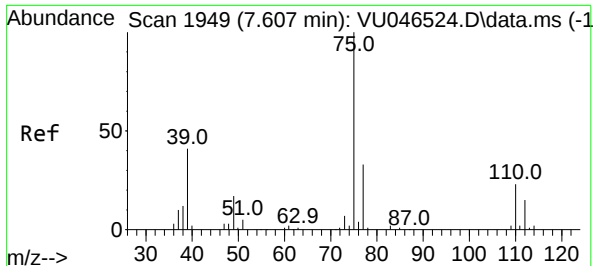
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.583 ug/L

RT: 7.613 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

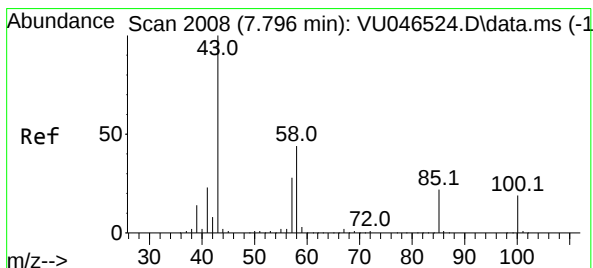
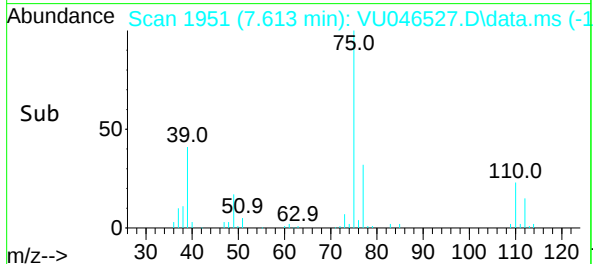
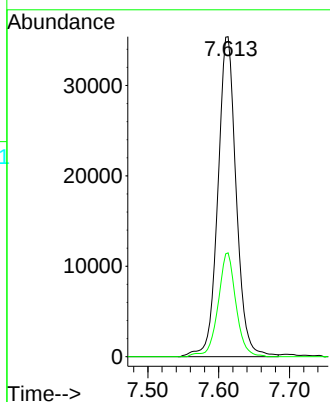
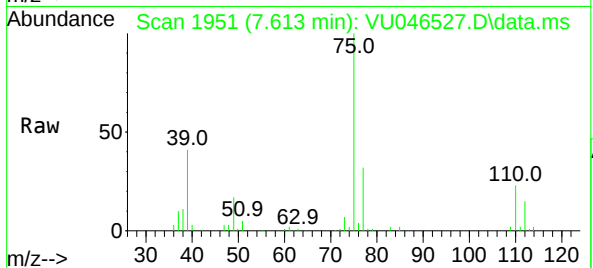
ClientSampleId :

Tgt Ion: 75 Resp: 63712

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 43.410 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

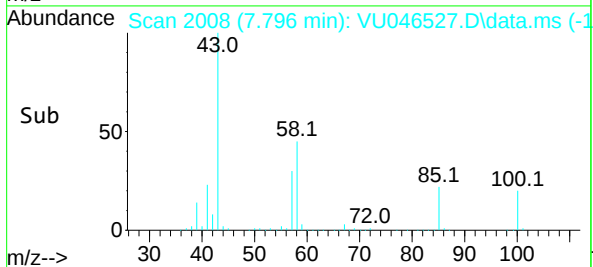
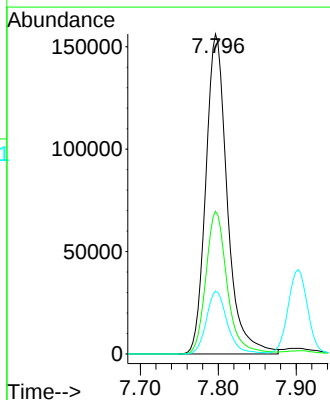
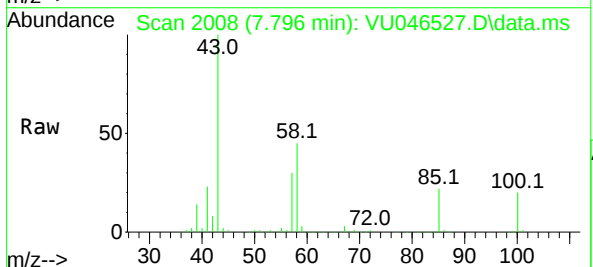
Tgt Ion: 43 Resp: 299276

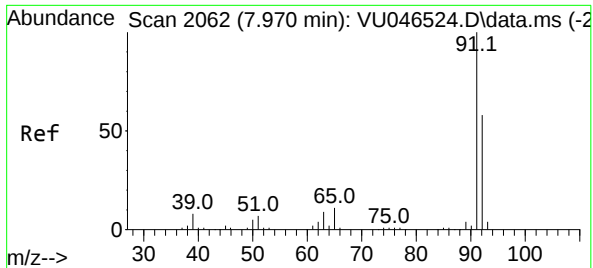
Ion Ratio Lower Upper

43 100

58 44.3 33.1 49.7

100 19.2 13.2 19.8





#42

Toluene

Concen: 4.809 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

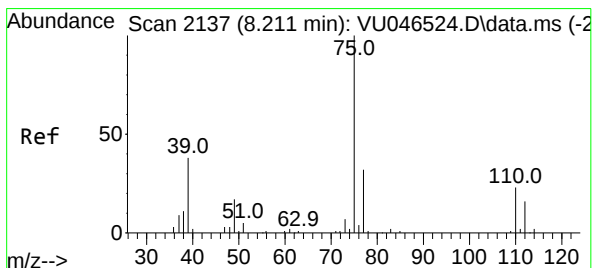
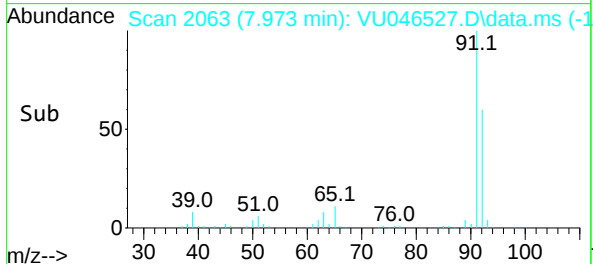
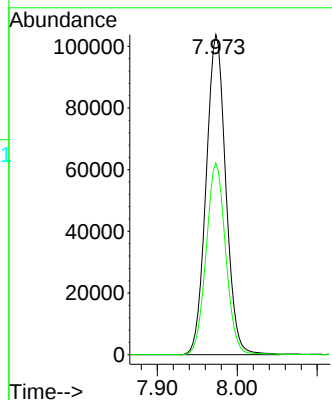
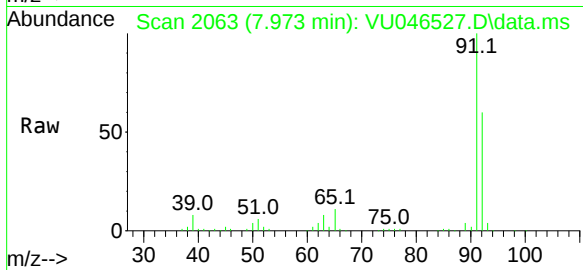
ClientSampleId :

Tgt Ion: 91 Resp: 177719

Ion Ratio Lower Upper

91 100

92 59.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.597 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046527.D

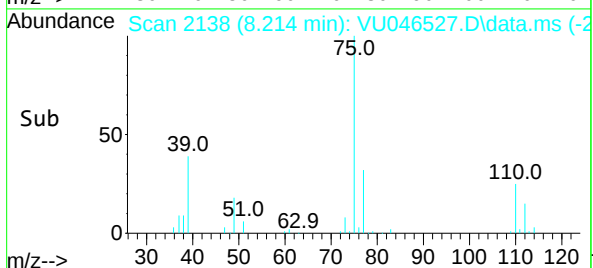
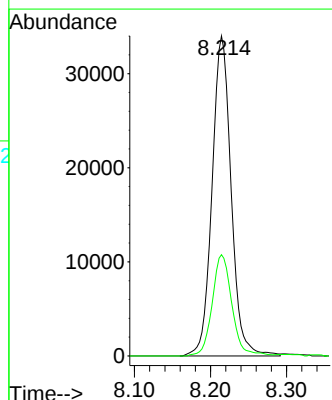
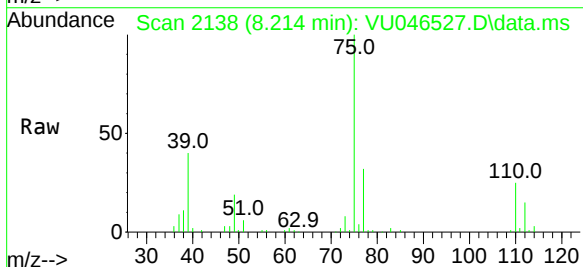
Acq: 21 Dec 2021 14:56

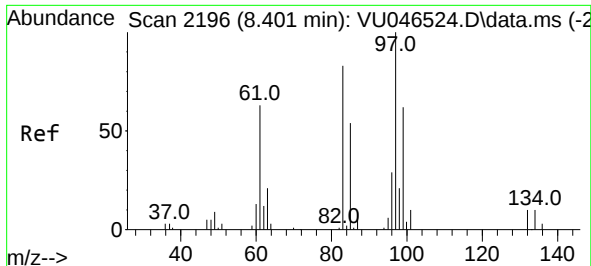
Tgt Ion: 75 Resp: 59225

Ion Ratio Lower Upper

75 100

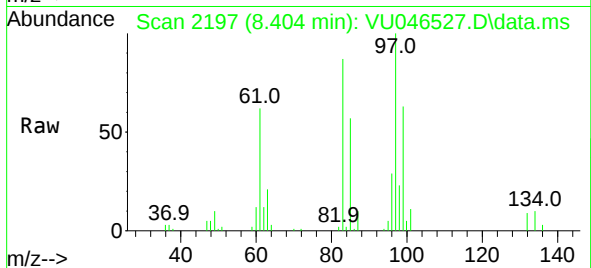
77 31.6 22.7 42.3



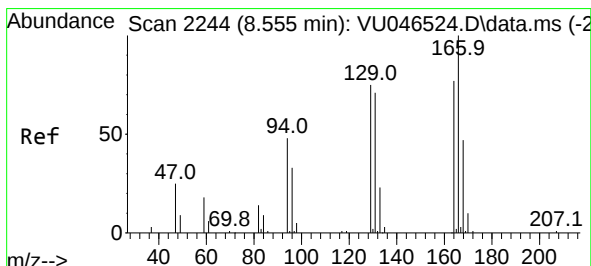
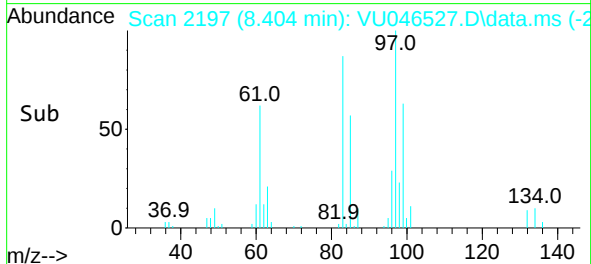
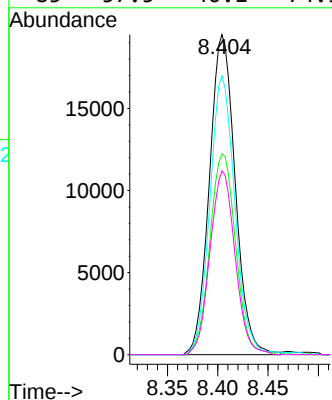


#45
1,1,2-Trichloroethane
Concen: 4.394 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :

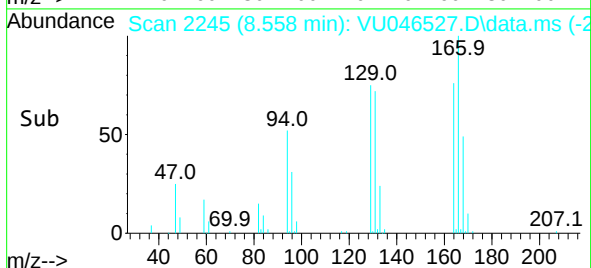
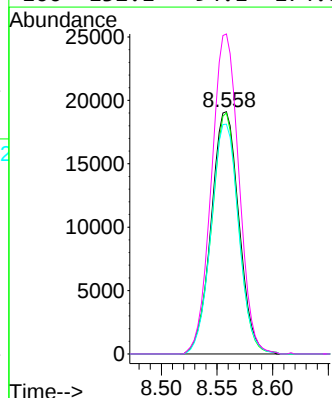
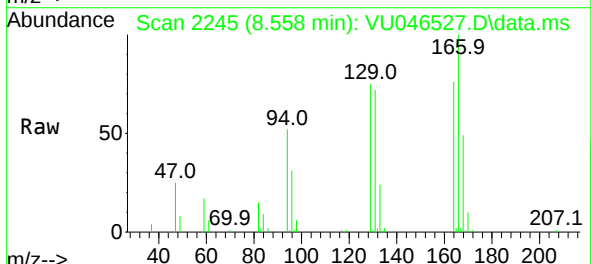


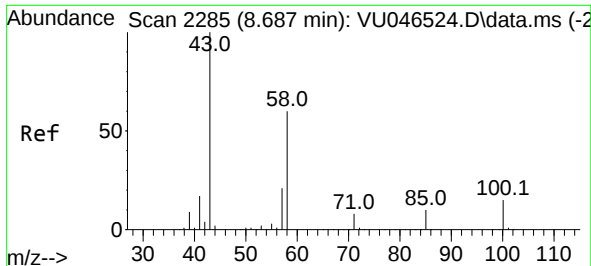
Tgt Ion:	97	Resp:	34802
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.3	78.5
83	87.1	62.0	115.2
85	57.5	40.1	74.5



#47
Tetrachloroethene
Concen: 4.930 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

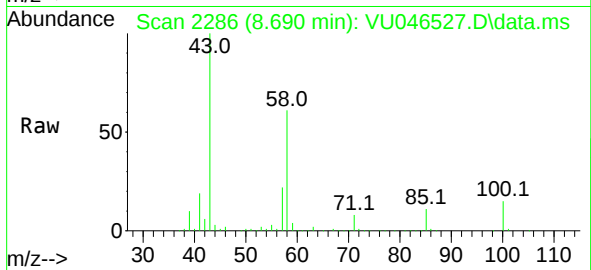
Tgt Ion:	164	Resp:	33113
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.8	133.4
131	94.8	68.5	127.3
166	132.1	94.1	174.8



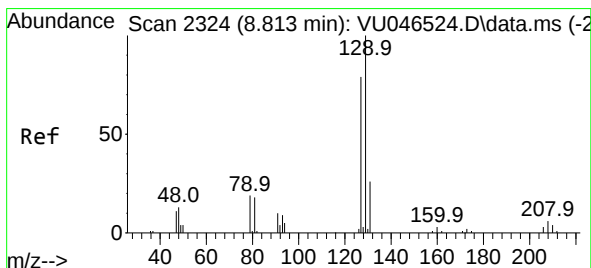
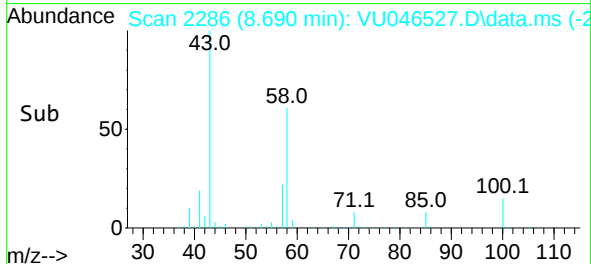
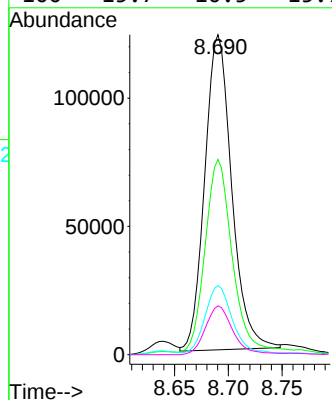


#48
2-Hexanone
Concen: 41.685 ug/L
RT: 8.690 min Scan# 214621
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :

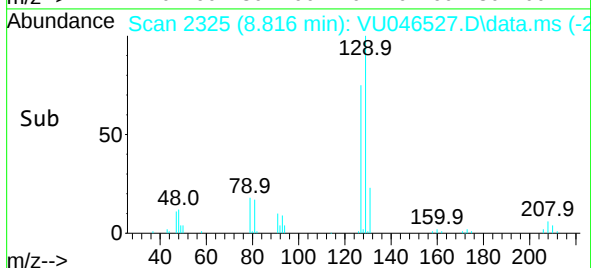
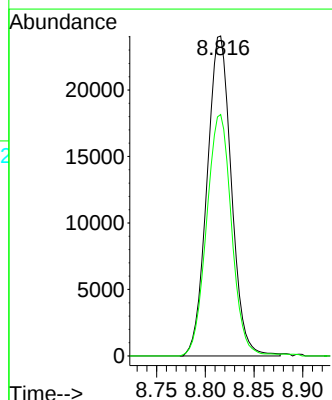
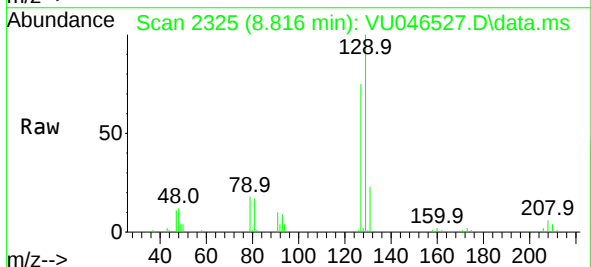


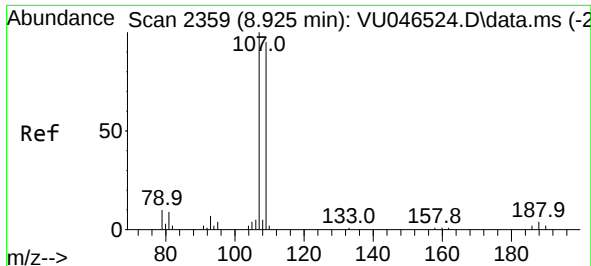
Tgt Ion: 43 Resp: 214621
Ion Ratio Lower Upper
43 100
58 61.1 46.7 70.1
57 21.5 16.3 24.5
100 15.7 10.5 15.7#



#49
Dibromochloromethane
Concen: 4.578 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion: 129 Resp: 41828
Ion Ratio Lower Upper
129 100
127 75.5 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.565 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046527.D

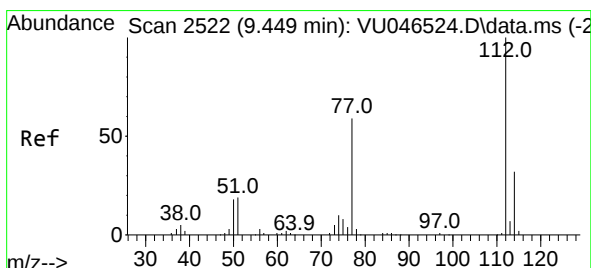
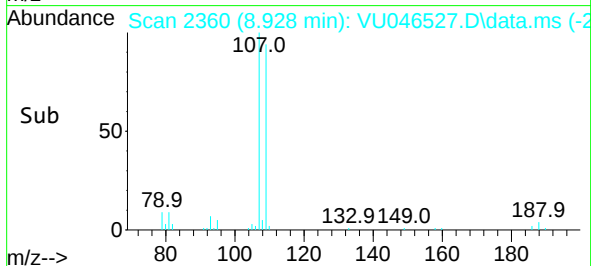
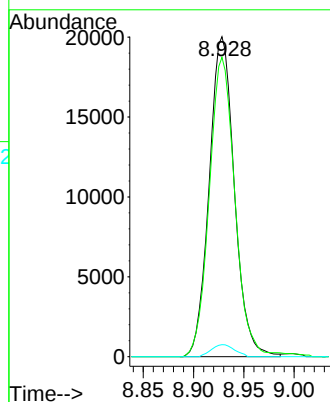
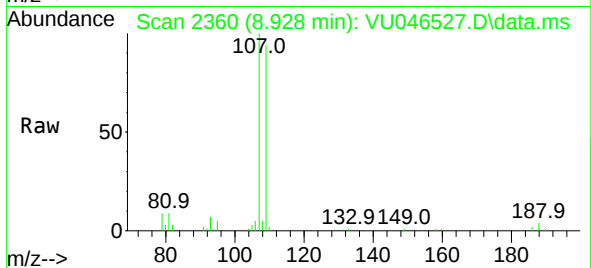
Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	34899
Ion Ratio	Lower	Upper
107	100	
109	93.6	64.0 119.0
188	3.7	2.4 3.6#



#51

Chlorobenzene

Concen: 4.692 ug/L

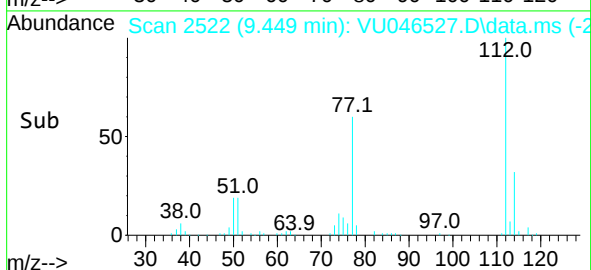
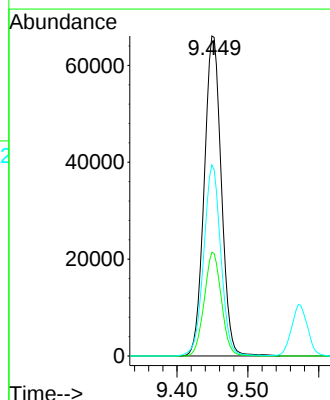
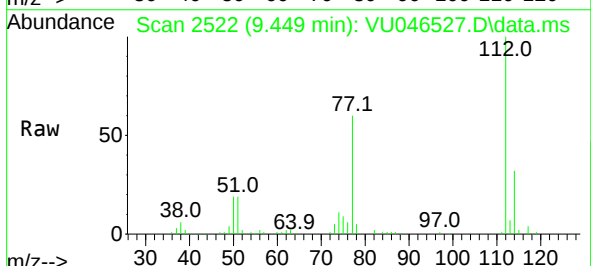
RT: 9.449 min Scan# 2522

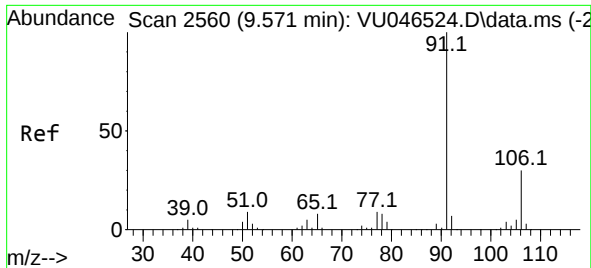
Delta R.T. -0.000 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Tgt Ion:112	Resp:	110849
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.1 41.1
77	59.7	48.3 72.5

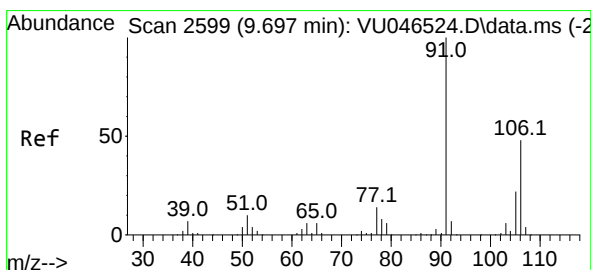
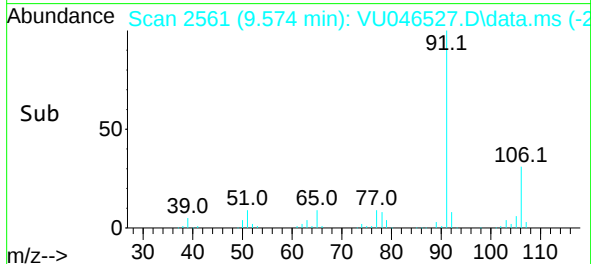
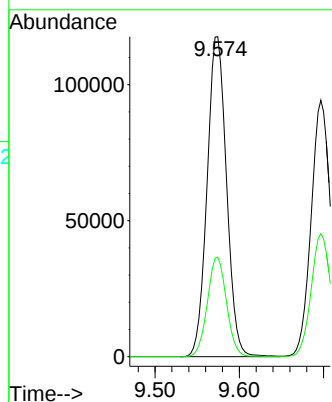
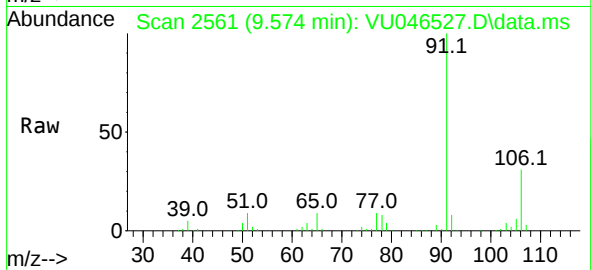




#52
Ethylbenzene
Concen: 4.933 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

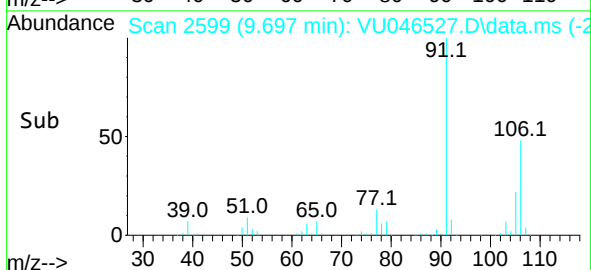
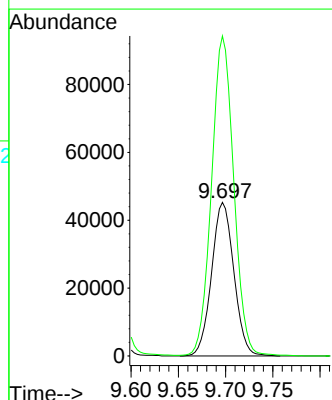
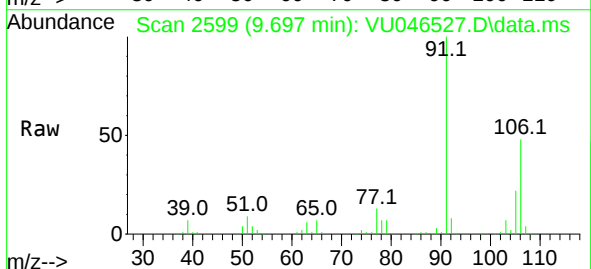
Instrument :
MSVOA_U
ClientSampleId :

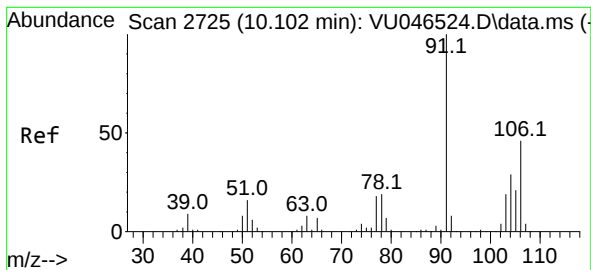
Tgt Ion: 91 Resp: 188700
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.059 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion:106 Resp: 74143
Ion Ratio Lower Upper
106 100
91 208.4 139.4 259.0





#54

o-Xylene

Concen: 5.123 ug/L

RT: 10.105 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU046527.D

Acq: 21 Dec 2021 14:56

Instrument :

MSVOA_U

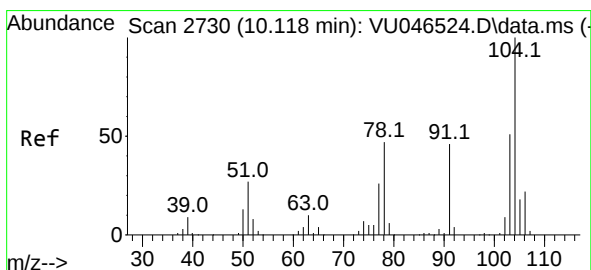
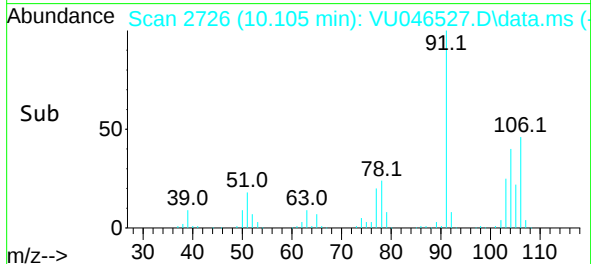
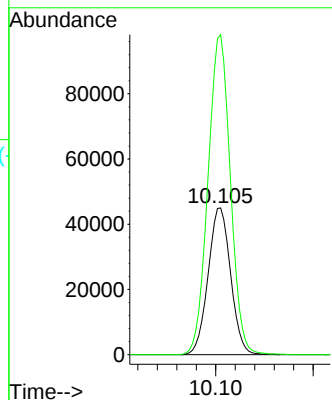
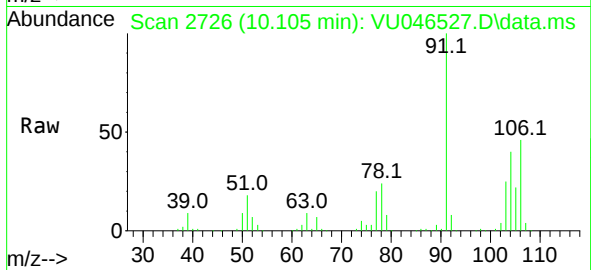
ClientSampleId :

Tgt Ion:106 Resp: 72146

Ion Ratio Lower Upper

106 100

91 218.2 147.5 273.9



#55

Styrene

Concen: 5.033 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046527.D

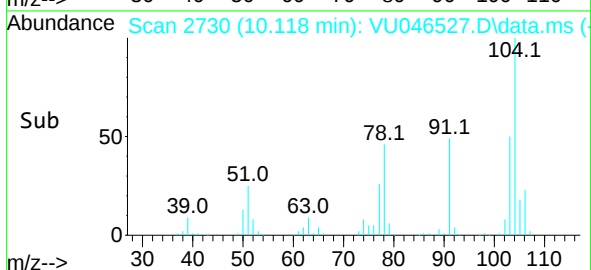
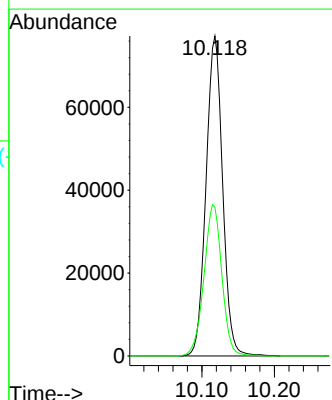
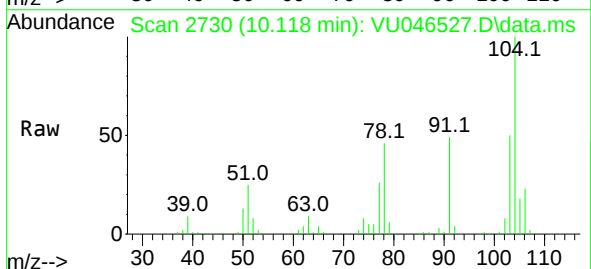
Acq: 21 Dec 2021 14:56

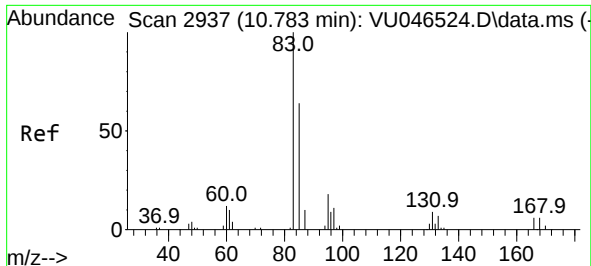
Tgt Ion:104 Resp: 122925

Ion Ratio Lower Upper

104 100

78 46.4 33.0 61.4

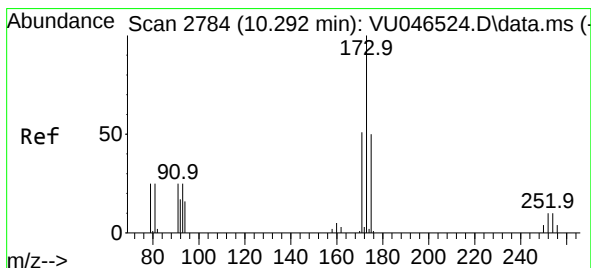
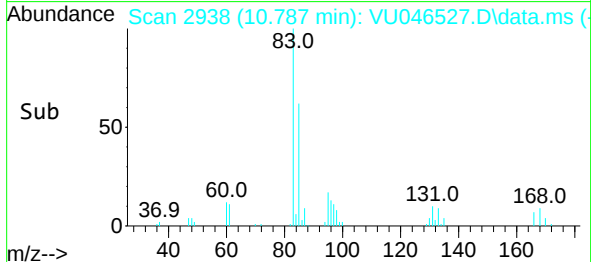
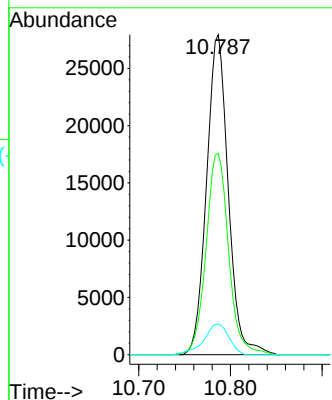
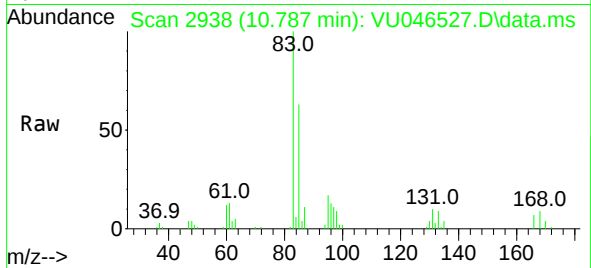




#57
1,1,2,2-Tetrachloroethane
Concen: 4.432 ug/L
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

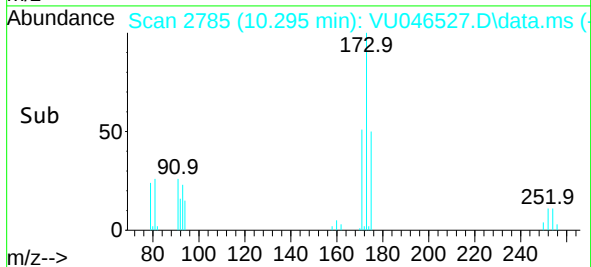
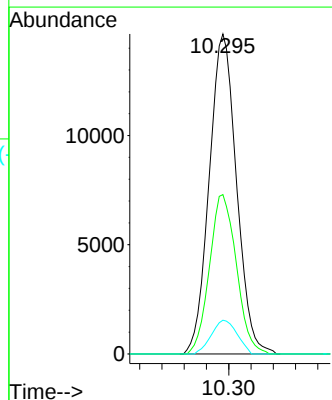
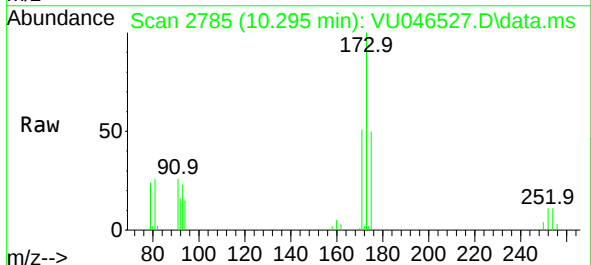
Instrument :
MSVOA_U
ClientSampleId :

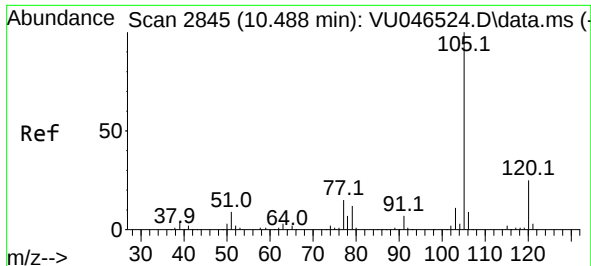
Tgt Ion: 83 Resp: 45870
Ion Ratio Lower Upper
83 100
85 62.9 47.9 89.1
131 9.6 8.1 12.1



#59
Bromoform
Concen: 4.506 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

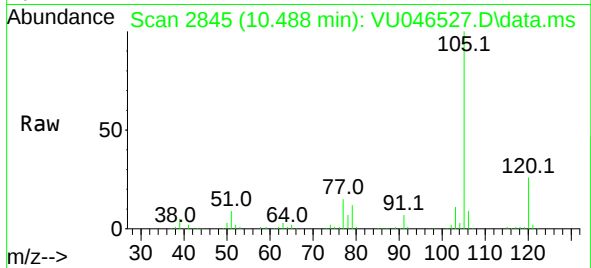
Tgt Ion:173 Resp: 24896
Ion Ratio Lower Upper
173 100
175 49.2 37.8 56.6
254 9.9 7.3 10.9



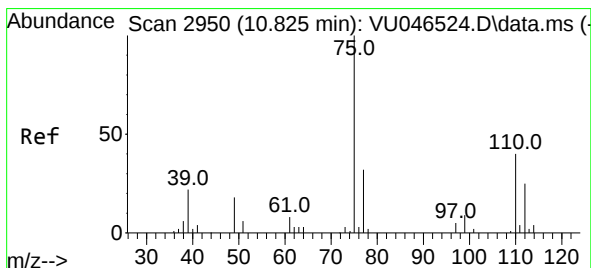
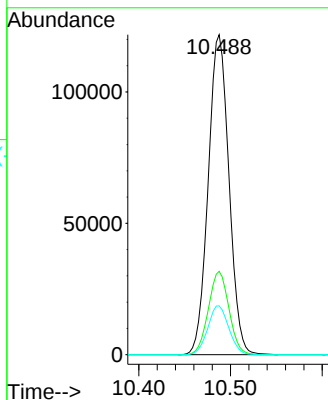
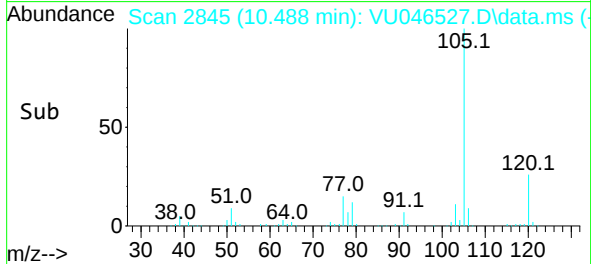


#60
Isopropylbenzene
Concen: 5.183 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

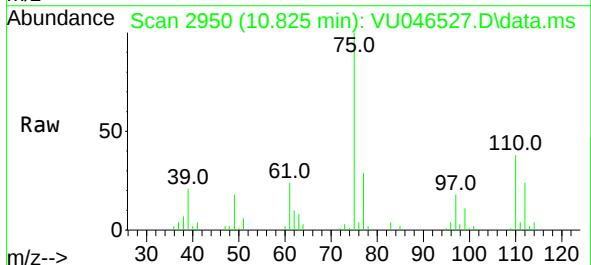
Instrument :
MSVOA_U
ClientSampleId :



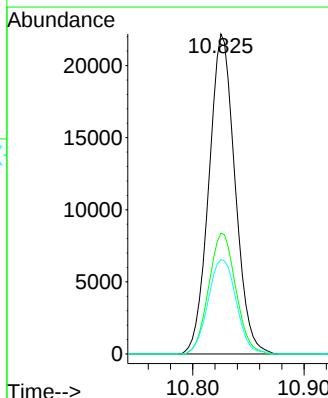
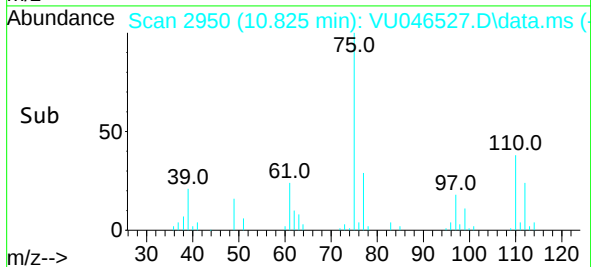
Tgt Ion:105 Resp: 191162
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.5 12.6 19.0

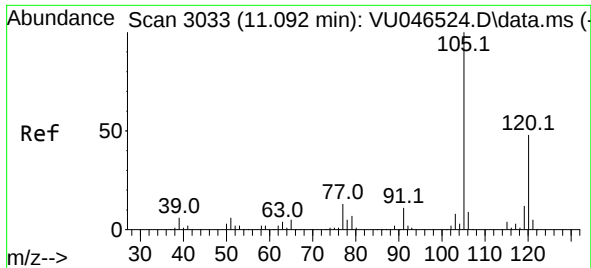


#61
1,2,3-Trichloropropane
Concen: 4.541 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56



Tgt Ion: 75 Resp: 36067
Ion Ratio Lower Upper
75 100
110 39.1 29.9 44.9
77 31.9 25.5 38.3

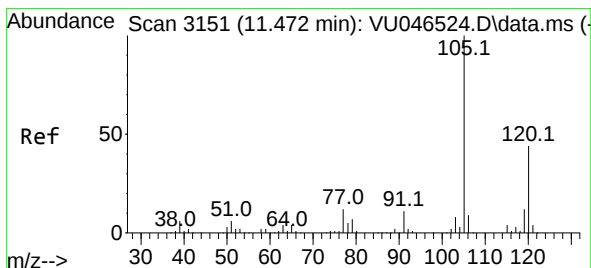
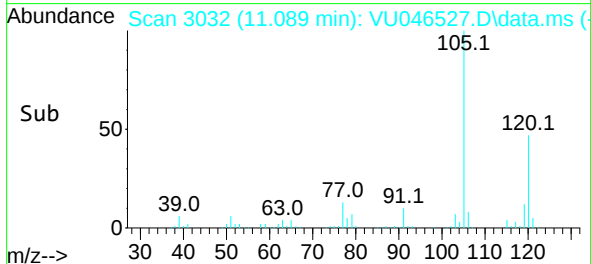
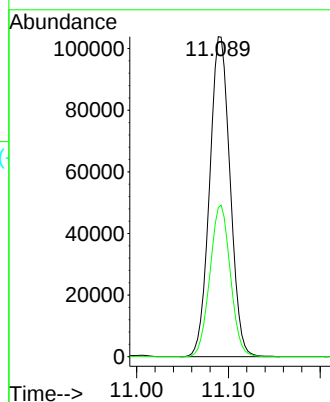
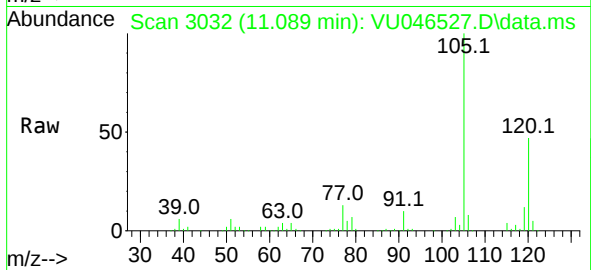




#62
 1,3,5-Trimethylbenzene
 Concen: 5.250 ug/L
 RT: 11.089 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

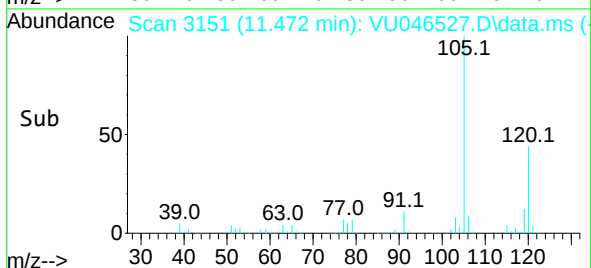
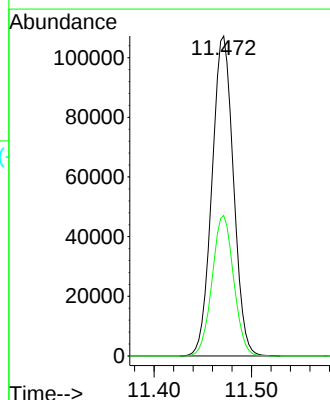
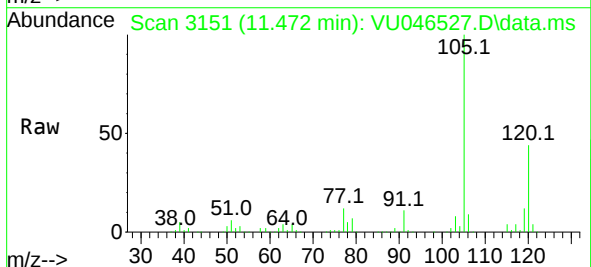
Instrument :
 MSVOA_U
 ClientSampleId :

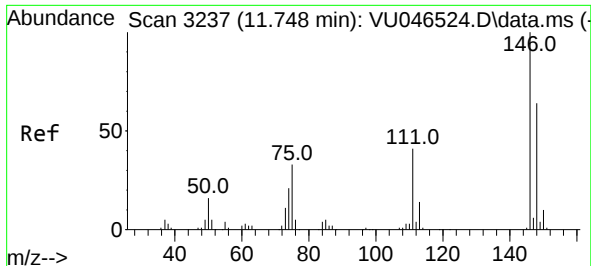
Tgt Ion:105 Resp: 161037
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.321 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

Tgt Ion:105 Resp: 164362
 Ion Ratio Lower Upper
 105 100
 120 44.0 35.8 53.8

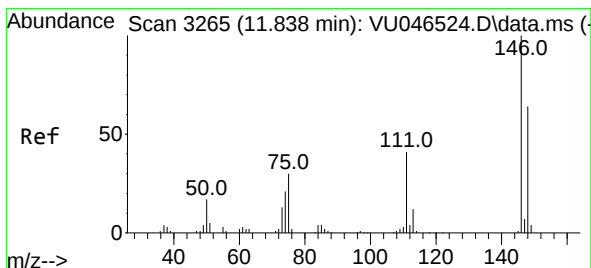
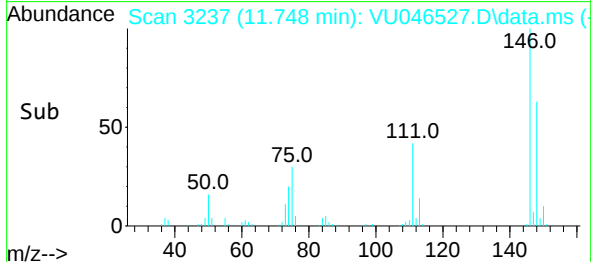
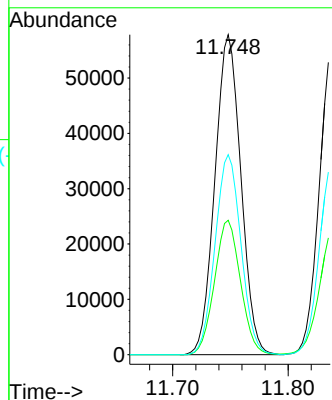
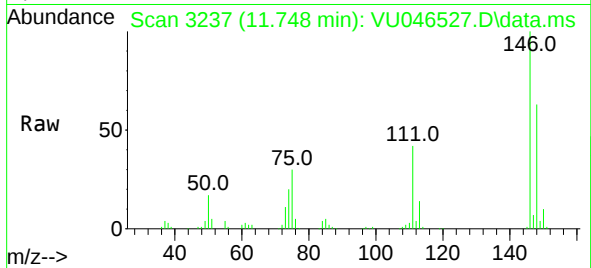




#64
1,3-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

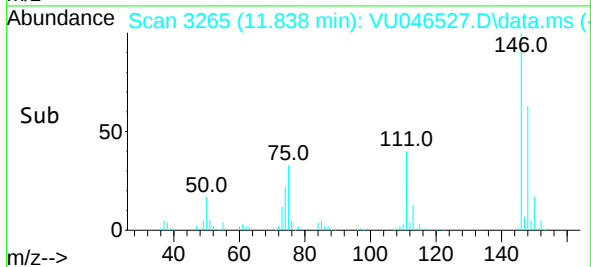
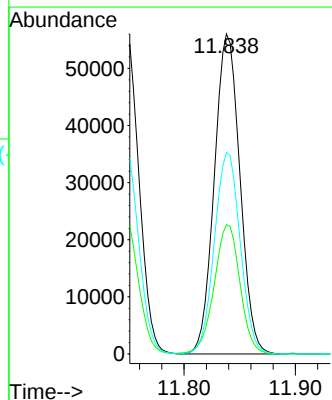
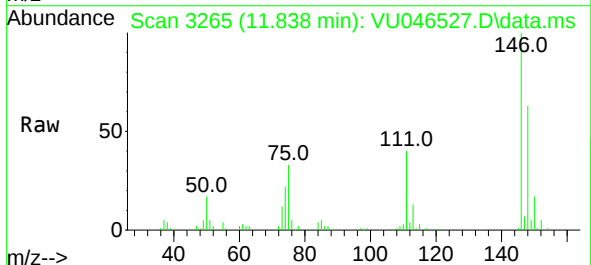
Instrument :
MSVOA_U
ClientSampleId :

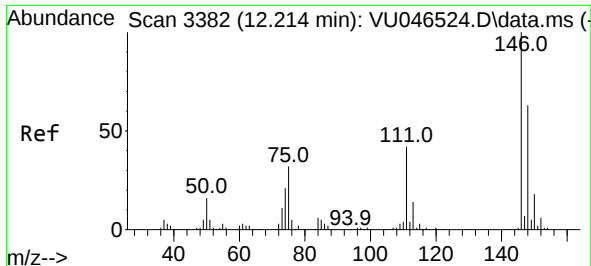
Tgt Ion:146 Resp: 90465
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 62.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.879 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion:146 Resp: 89539
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 63.0 45.8 85.0

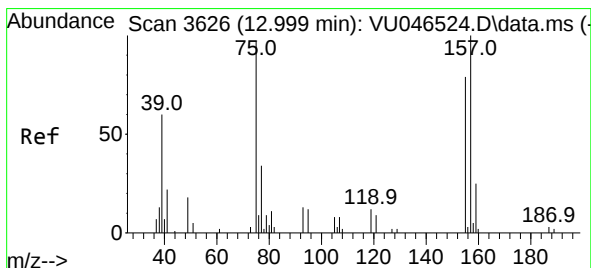
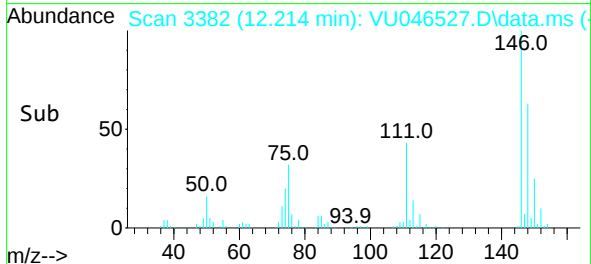
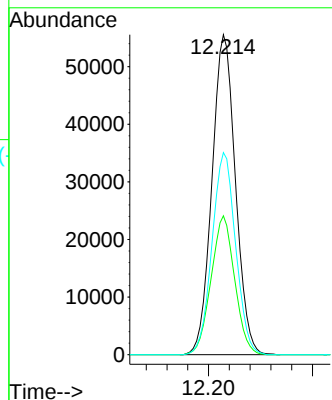
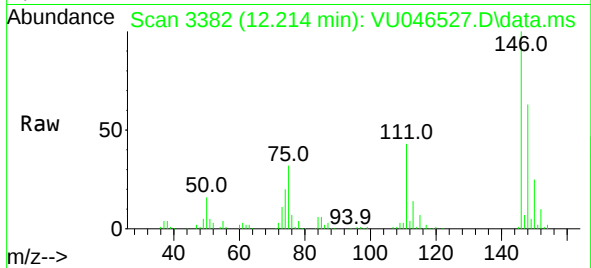




#67
 1,2-Dichlorobenzene
 Concen: 4.852 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. -0.000 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

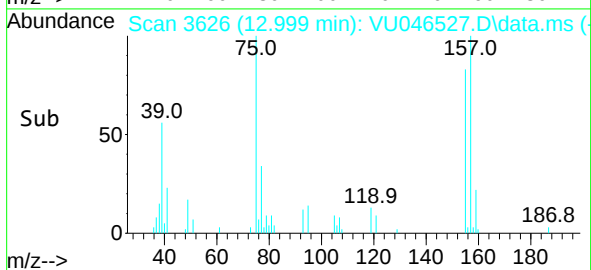
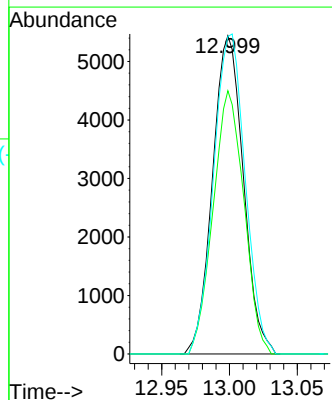
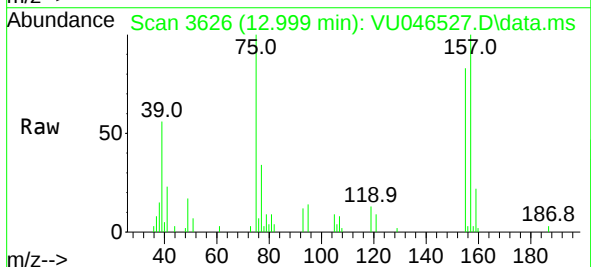
Instrument :
 MSVOA_U
 ClientSampleId :

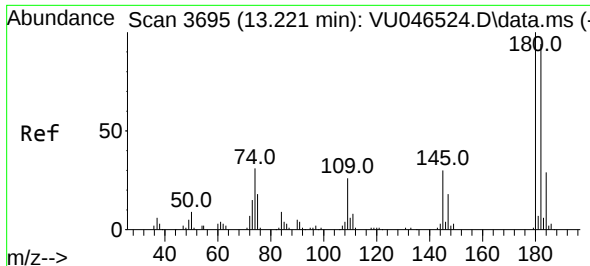
Tgt Ion:146 Resp: 87244
 Ion Ratio Lower Upper
 146 100
 111 43.4 35.4 53.0
 148 63.1 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.668 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

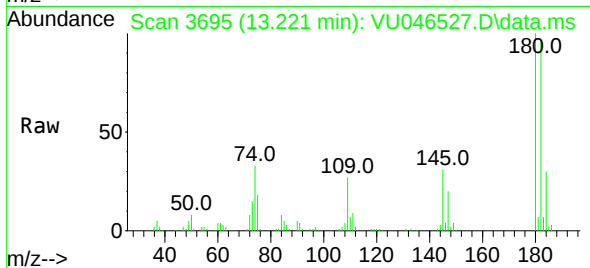
Tgt Ion: 75 Resp: 8582
 Ion Ratio Lower Upper
 75 100
 155 82.7 59.2 88.8
 157 99.7 76.5 114.7



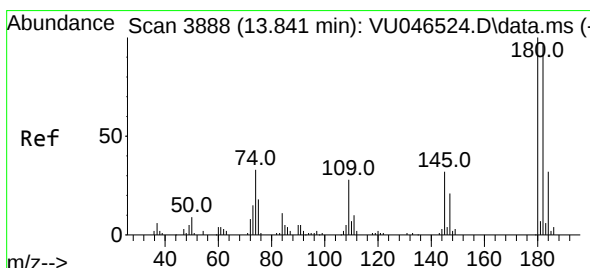
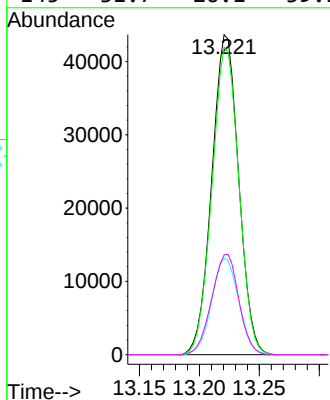
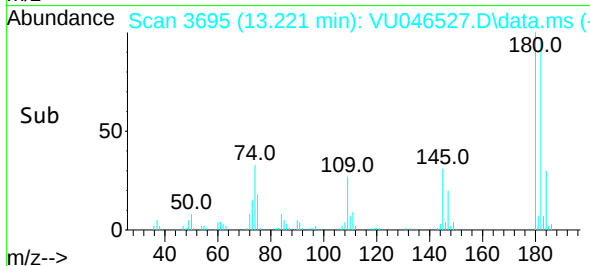


#69
 1,3,5-Trichlorobenzene
 Concen: 5.002 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56

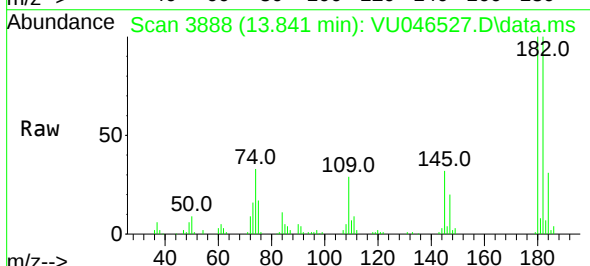
Instrument :
 MSVOA_U
 ClientSampleId :



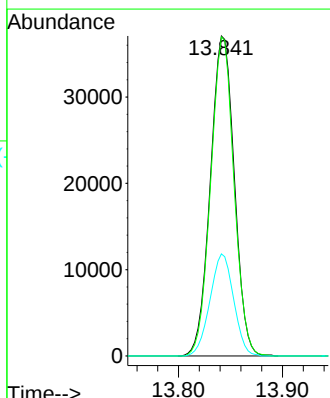
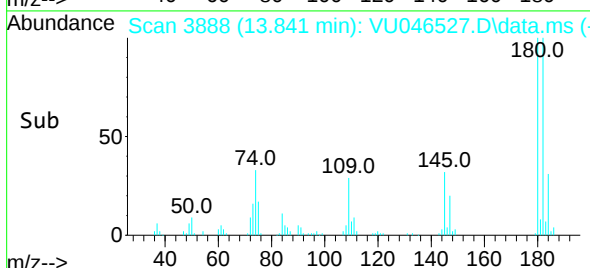
Tgt Ion:180 Resp: 67865
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.1 114.1
 184 30.5 25.0 37.4
 145 31.7 26.1 39.1

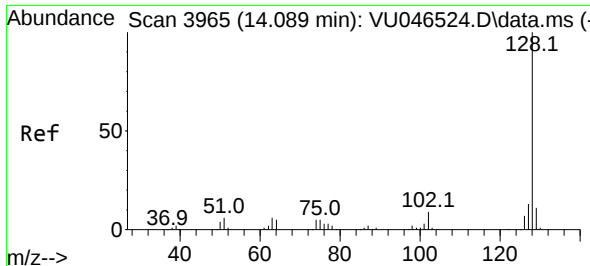


#70
 1,2,4-trichlorobenzene
 Concen: 5.171 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046527.D
 Acq: 21 Dec 2021 14:56



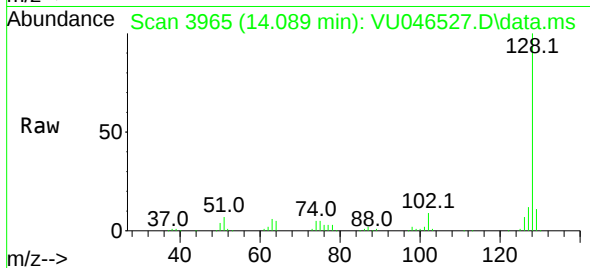
Tgt Ion:180 Resp: 59422
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 31.5 25.6 38.4



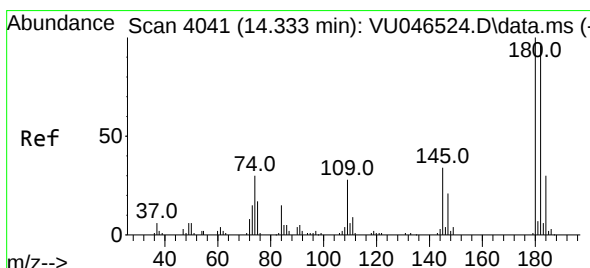
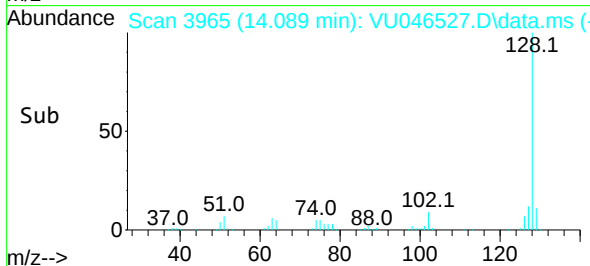
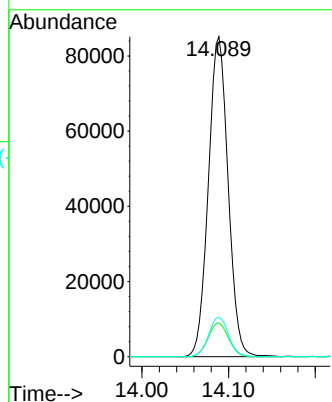


#71
Naphthalene
Concen: 5.280 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 134753
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.223 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046527.D
Acq: 21 Dec 2021 14:56

Tgt Ion:180 Resp: 59424
Ion Ratio Lower Upper
180 100
182 93.6 76.2 114.4
145 34.0 28.4 42.6

