

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046015.D
 Acq On : 26 Nov 2021 13:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Nov 26 23:28:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 23:26:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26893	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.916	69	23256	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.568	65	10898	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.655	46	117650	63.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.680%
24) Chloroform-d	5.070	84	55888	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.707	65	34809	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	109817	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	36684	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.903	98	97120	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	15467	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.639	63	85551	61.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36785	5.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38956	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33233	4.665	ug/L	99
3) Chloromethane	1.520	50	31911	4.227	ug/L	98
5) Vinyl chloride	1.604	62	33750	4.455	ug/L	99
6) Bromomethane	1.861	94	18914	4.209	ug/L	100
8) Chloroethane	1.938	64	20634	4.777	ug/L	99
9) Trichlorofluoromethane	2.144	101	49367	5.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29397	5.126	ug/L	97
12) 1,1-Dichloroethene	2.584	96	26973	4.981	ug/L	79
13) Acetone	2.681	43	60649	55.474	ug/L	73
14) Carbon disulfide	2.797	76	70286	4.104	ug/L	99
15) Methyl Acetate	2.967	43	13118	4.890	ug/L	98
16) Methylene chloride	3.051	84	33818	4.230	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	79033	5.606	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	28136	4.847	ug/L	98
19) 1,1-Dichloroethane	3.874	63	54443	5.006	ug/L	99
21) 2-Butanone	4.735	43	106992	58.163	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32650	5.187	ug/L	99
23) Bromochloromethane	4.980	128	15461	5.636	ug/L	92
25) Chloroform	5.092	83	62244	5.276	ug/L	98

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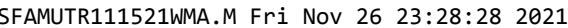
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 ClientSampleId :
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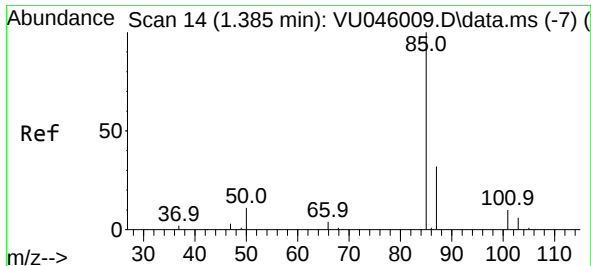
Quant Time: Nov 26 23:28:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	38906	5.168	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	50703	5.299	ug/L	98
30) Cyclohexane	5.391	56	43419	4.575	ug/L	98
31) Carbon tetrachloride	5.530	117	42207	5.245	ug/L	98
33) Benzene	5.777	78	121557	4.946	ug/L	100
34) Trichloroethene	6.546	95	32380	5.112	ug/L	97
35) Methylcyclohexane	6.768	83	46767	4.808	ug/L	98
37) 1,2-Dichloropropane	6.793	63	33099	5.118	ug/L	99
38) Bromodichloromethane	7.108	83	42307	5.301	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	48079	5.231	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	246092	58.010	ug/L	97
42) Toluene	7.973	91	131811	5.196	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43434	5.432	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	26904	5.603	ug/L	97
47) Tetrachloroethene	8.555	164	24016	5.416	ug/L	92
48) 2-Hexanone	8.690	43	189044	61.684	ug/L	97
49) Dibromochloromethane	8.813	129	30966	5.662	ug/L	97
50) 1,2-Dibromoethane	8.928	107	25678	5.676	ug/L	94
51) Chlorobenzene	9.449	112	85024	5.343	ug/L	99
52) Ethylbenzene	9.575	91	139839	5.266	ug/L	98
53) m,p-Xylene	9.697	106	55050	5.412	ug/L	100
54) o-Xylene	10.105	106	52975	5.397	ug/L	95
55) Styrene	10.118	104	92368	5.590	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	34711	5.644	ug/L	94
59) Bromoform	10.295	173	17627	5.712	ug/L	100
60) Isopropylbenzene	10.488	105	144447	5.281	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	26461	5.471	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	116563	5.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	117828	5.258	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	67224	5.268	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	67265	5.189	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65268	5.334	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	4933	4.902	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	49963	5.234	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41762	5.170	ug/L	99
71) Naphthalene	14.089	128	86352	5.203	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42333	5.267	ug/L	98

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

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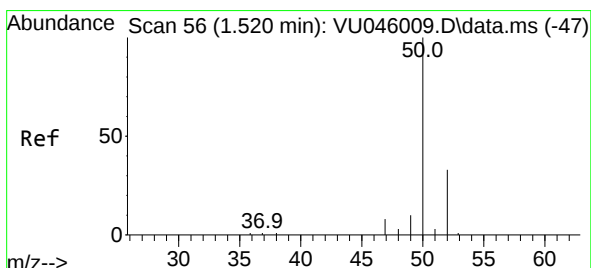
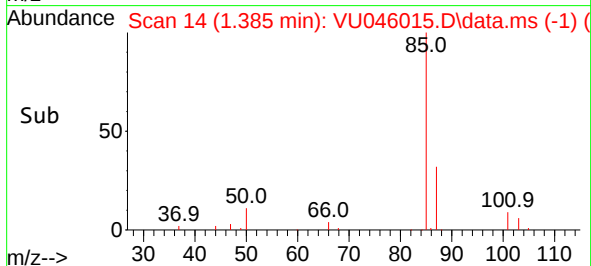
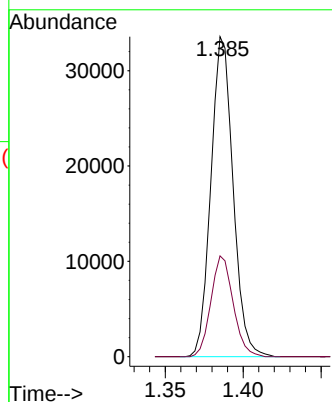
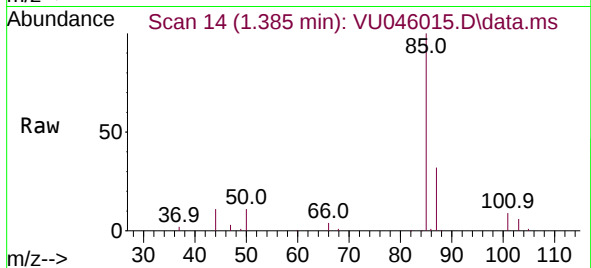




#2
Dichlorodifluoromethane
Concen: 4.665 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

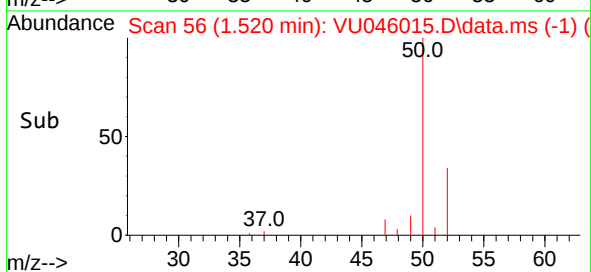
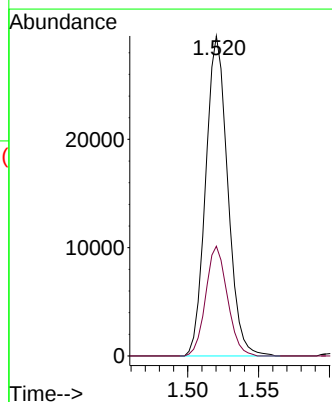
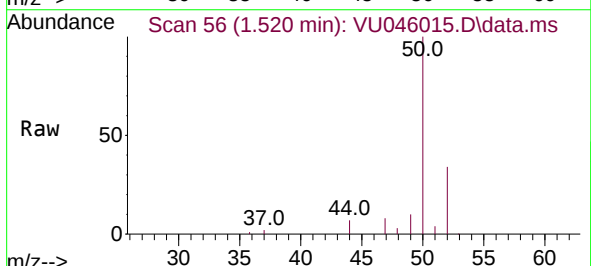
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

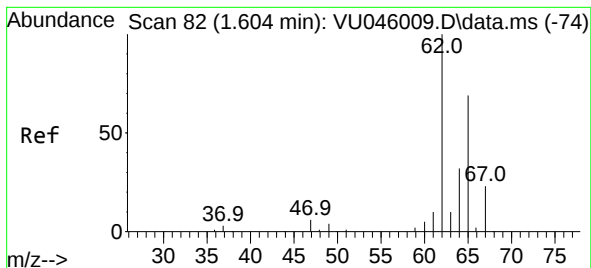
Tgt Ion: 85 Resp: 33233
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#3
Chloromethane
Concen: 4.227 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 50 Resp: 31911
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.8





#5

Vinyl chloride

Concen: 4.455 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

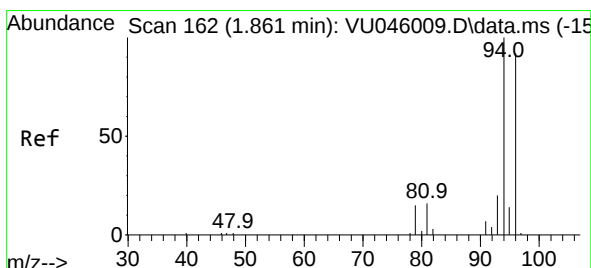
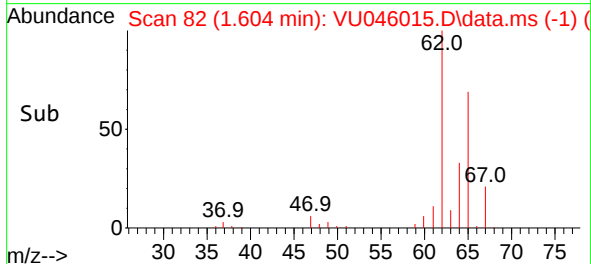
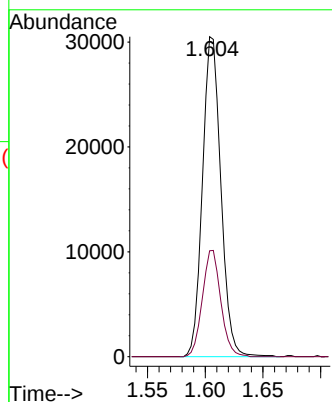
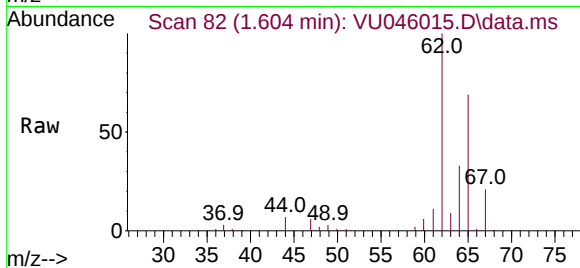
VSTD005138

Tgt Ion: 62 Resp: 33750

Ion Ratio Lower Upper

62 100

64 33.1 22.9 42.5



#6

Bromomethane

Concen: 4.209 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU046015.D

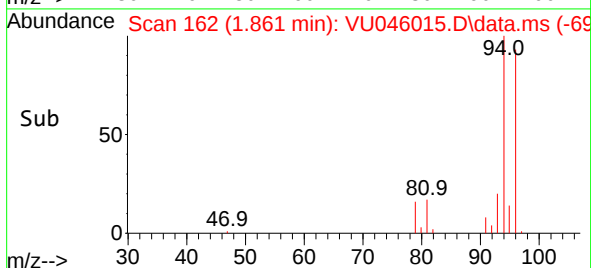
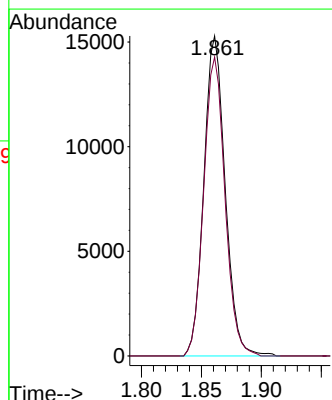
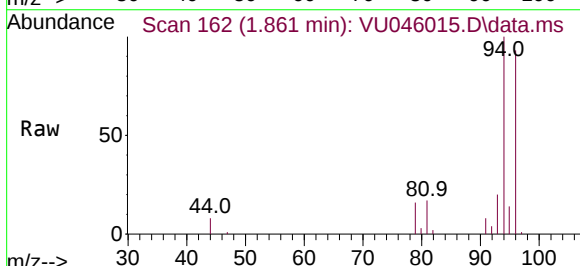
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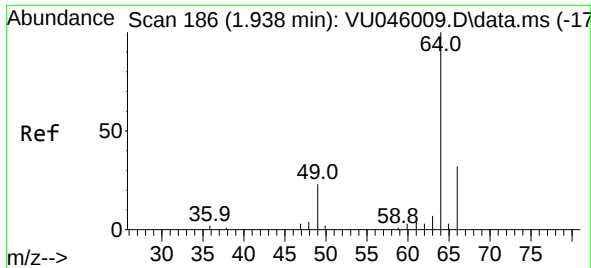
Tgt Ion: 94 Resp: 18914

Ion Ratio Lower Upper

94 100

96 93.4 65.5 121.6

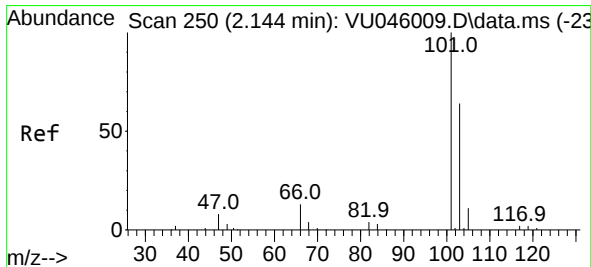
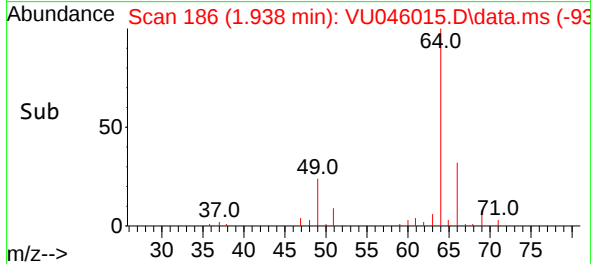
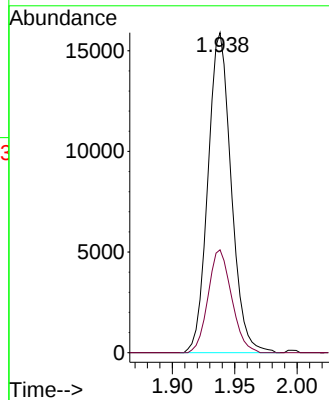
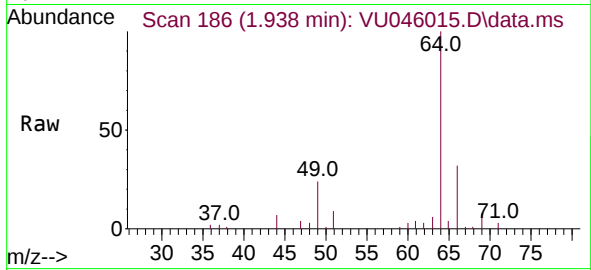




#8
Chloroethane
Concen: 4.777 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

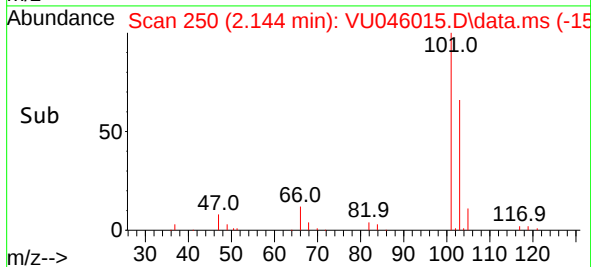
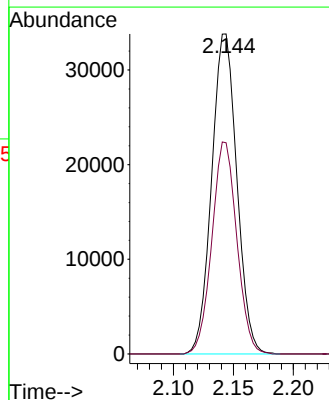
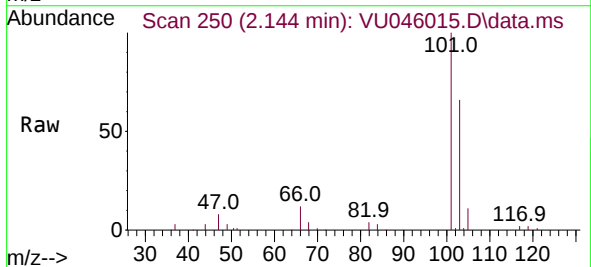
Instrument :
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ClientSampleId :
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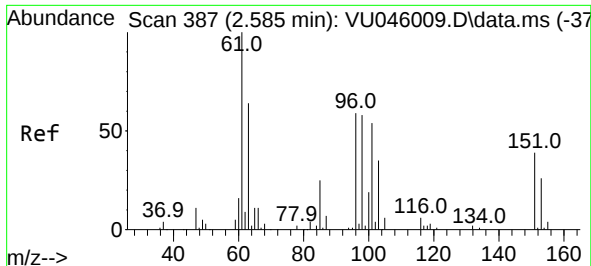
Tgt Ion: 64 Resp: 20634
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.047 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:101 Resp: 49367
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

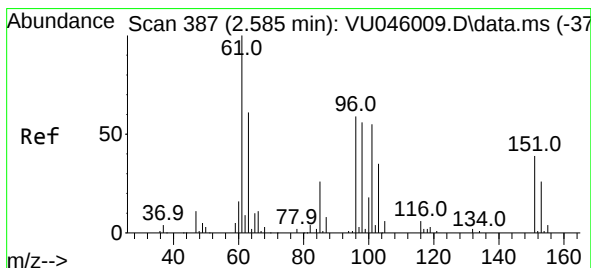
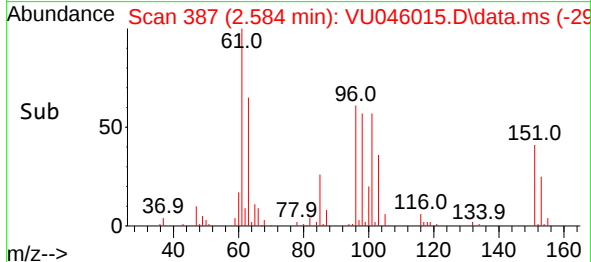
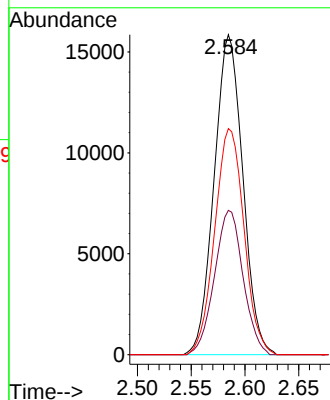
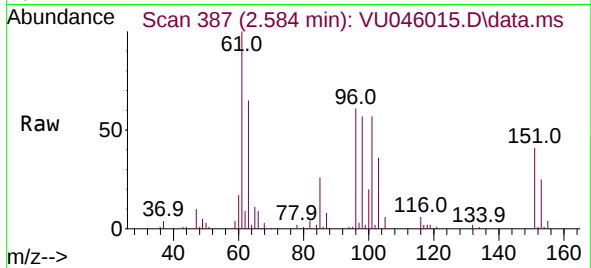




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.126 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

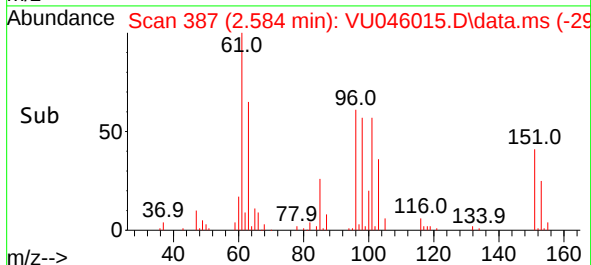
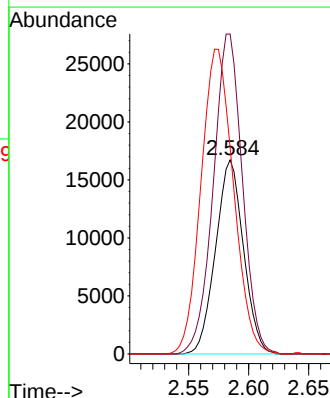
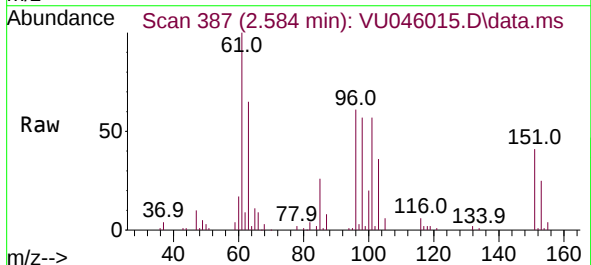
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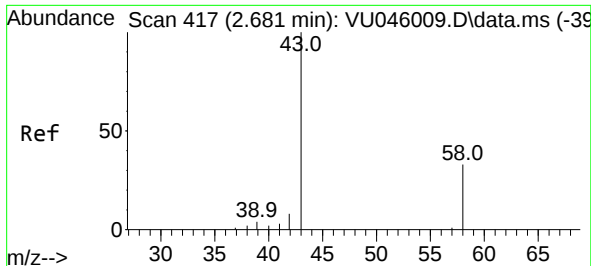
Tgt Ion:101 Resp: 29397
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.6 51.8
 151 72.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.981 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

Tgt Ion: 96 Resp: 26973
 Ion Ratio Lower Upper
 96 100
 61 164.9 124.7 231.5
 63 106.6 105.2 195.4





#13

Acetone

Concen: 55.474 ug/L

RT: 2.681 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

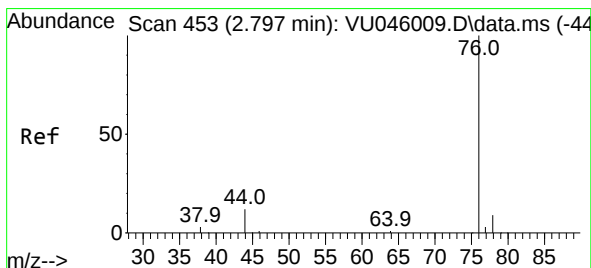
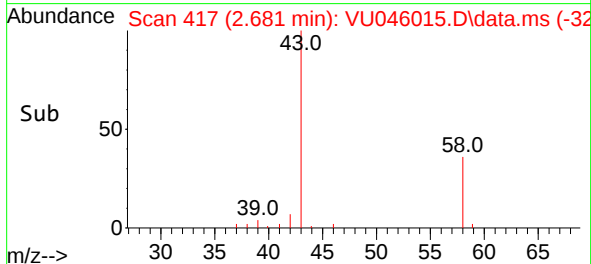
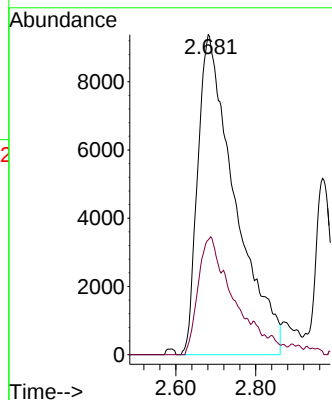
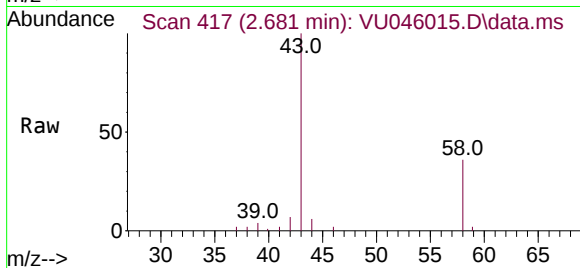
VSTD005138

Tgt Ion: 43 Resp: 60649

Ion Ratio Lower Upper

43 100

58 19.9 0.0 71.6



#14

Carbon disulfide

Concen: 4.104 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU046015.D

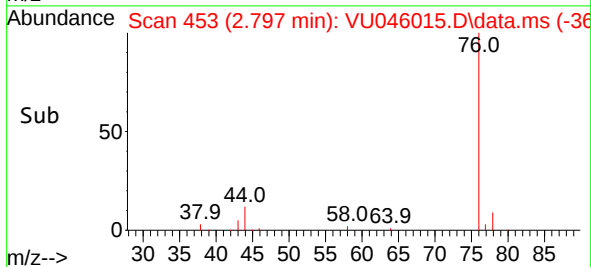
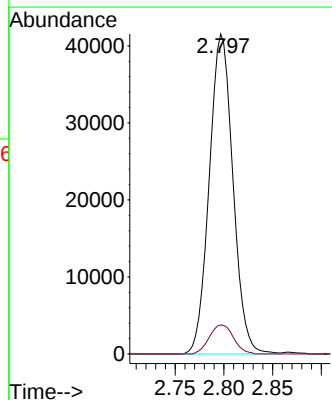
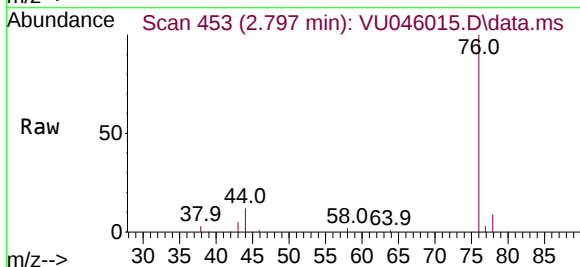
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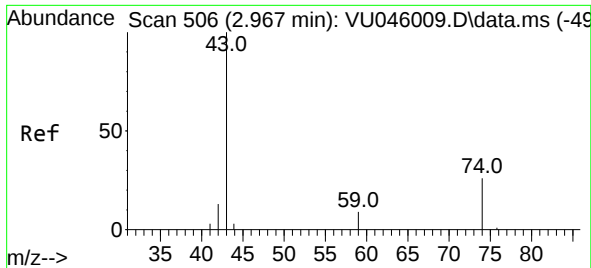
Tgt Ion: 76 Resp: 70286

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

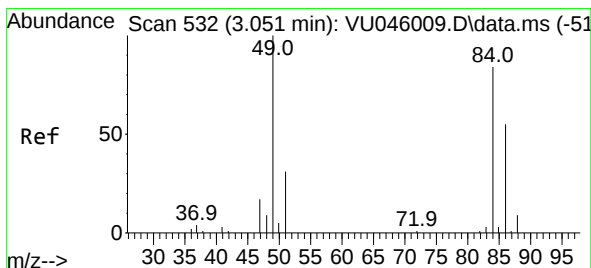
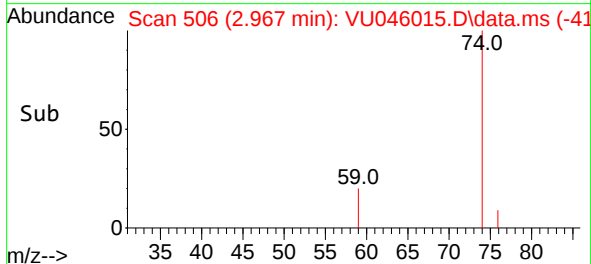
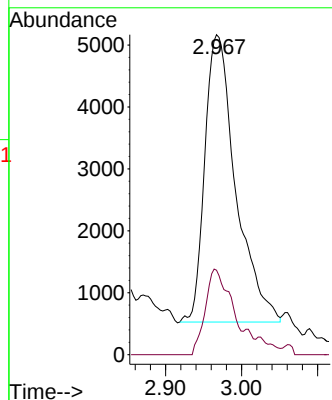
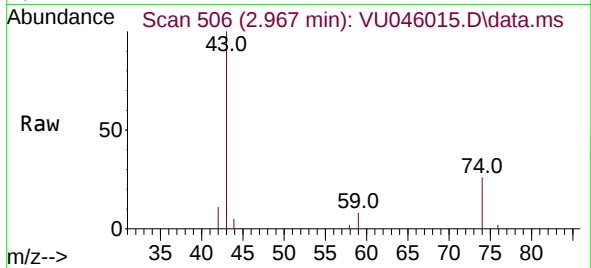




#15
Methyl Acetate
Concen: 4.890 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

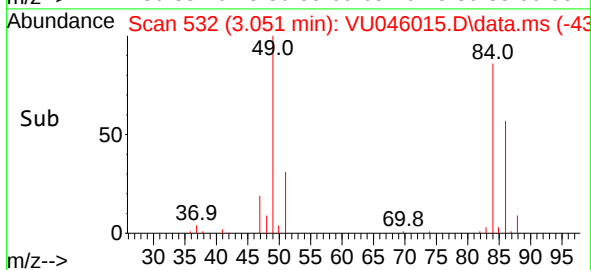
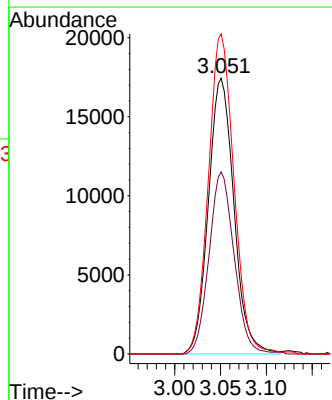
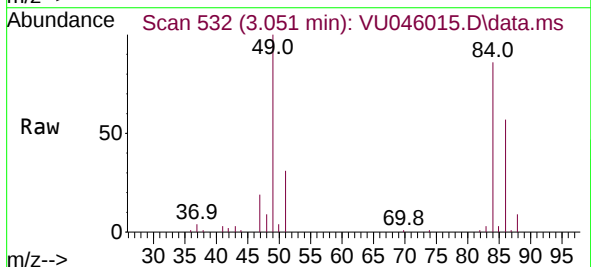
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

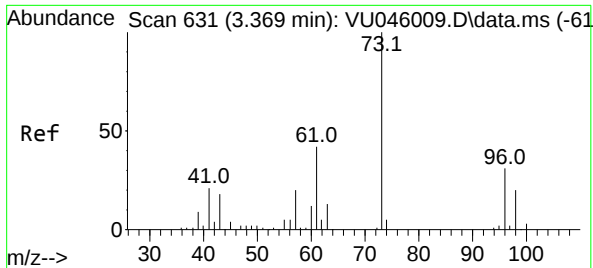
Tgt Ion: 43 Resp: 13118
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7



#16
Methylene chloride
Concen: 4.230 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 84 Resp: 33818
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.0
49 116.1 84.5 156.9

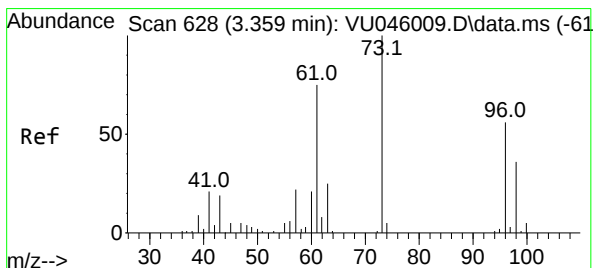
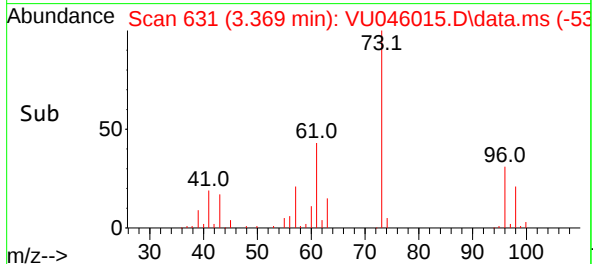
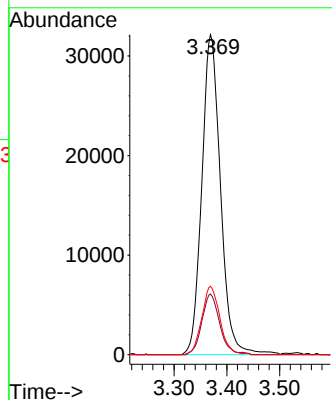
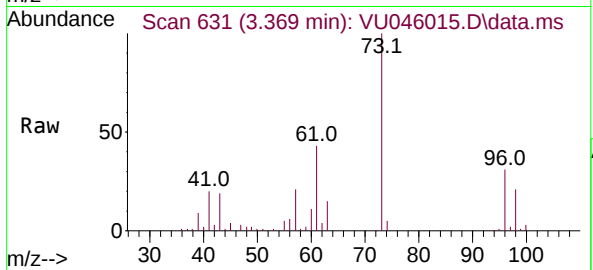




#17
Methyl tert-butyl Ether
Concen: 5.606 ug/L
RT: 3.369 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

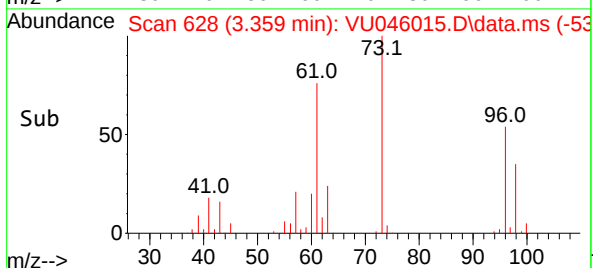
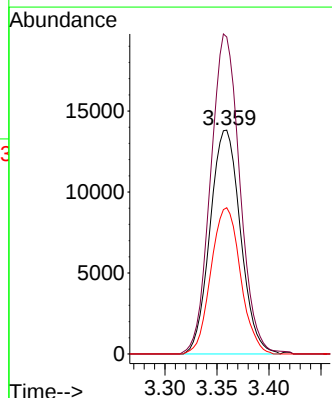
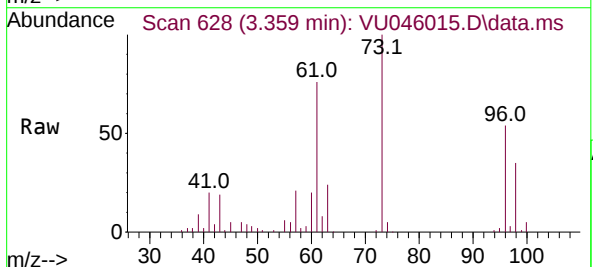
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

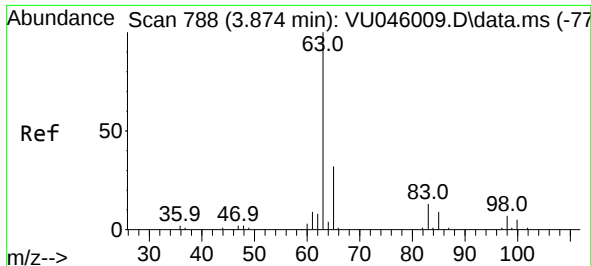
Tgt Ion: 73	Resp:	79033
Ion Ratio	Lower	Upper
73	100	
43	17.9	14.8 22.2
57	20.6	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.847 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 96	Resp:	28136
Ion Ratio	Lower	Upper
96	100	
61	141.6	100.8 187.2
98	65.3	45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.006 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

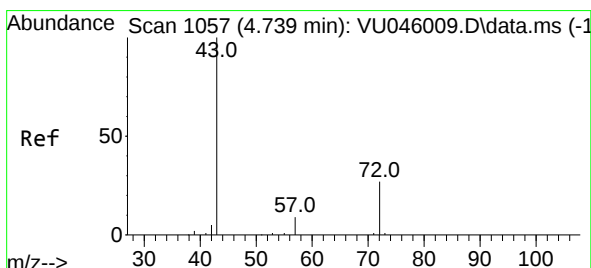
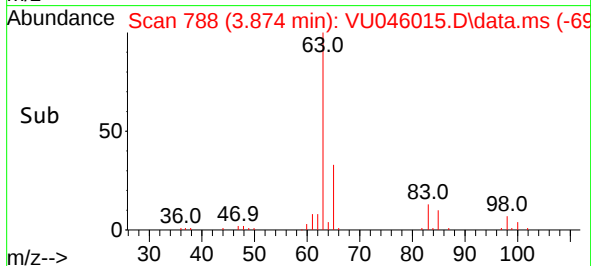
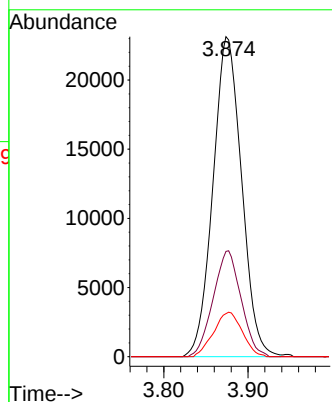
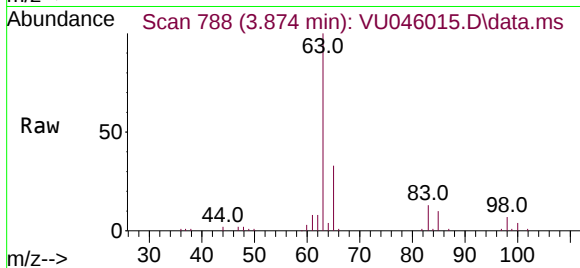
Tgt Ion: 63 Resp: 54443

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.5

83 13.5 9.6 17.8



#21

2-Butanone

Concen: 58.163 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU046015.D

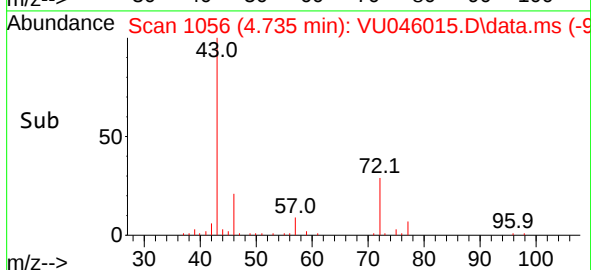
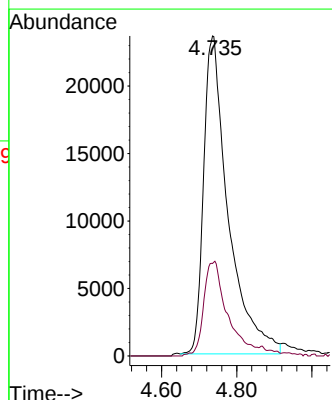
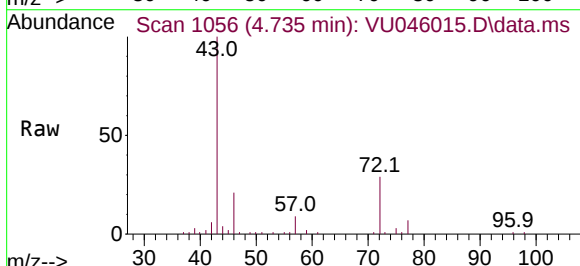
Acq: 26 Nov 2021 13:36

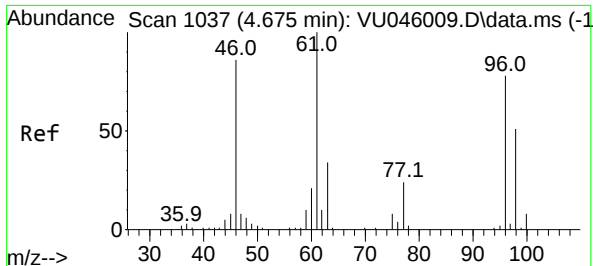
Tgt Ion: 43 Resp: 106992

Ion Ratio Lower Upper

43 100

72 28.6 14.1 42.3

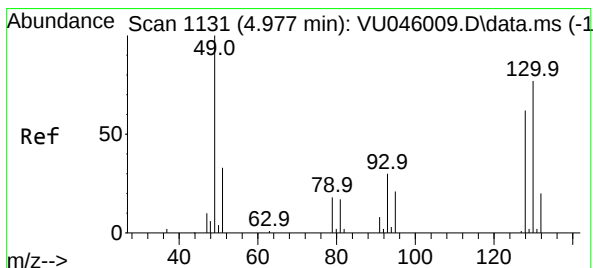
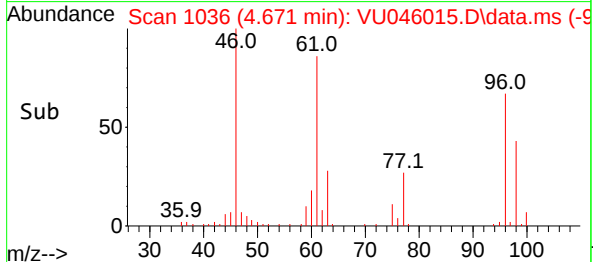
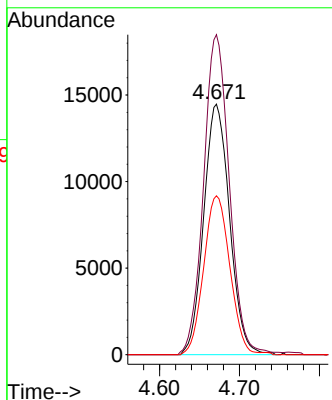
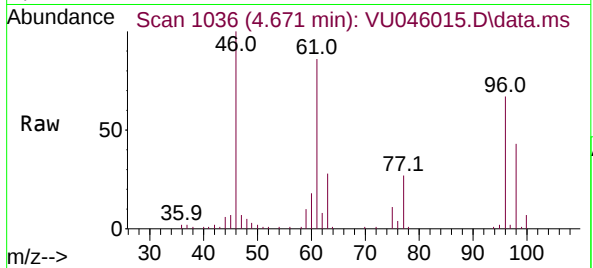




#22
 cis-1,2-Dichloroethene
 Concen: 5.187 ug/L
 RT: 4.671 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

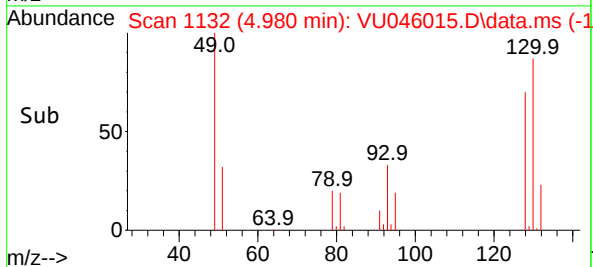
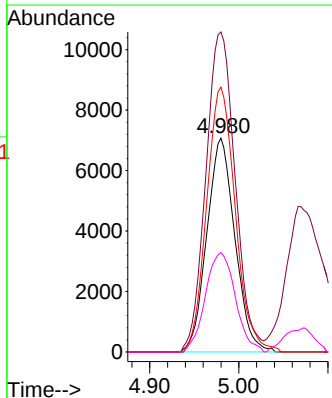
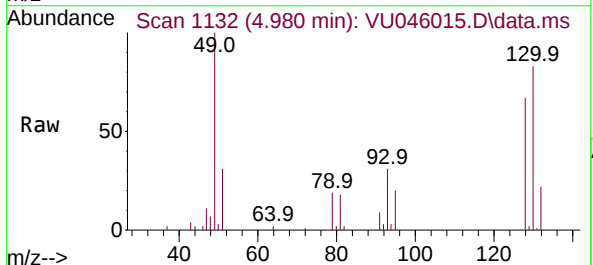
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

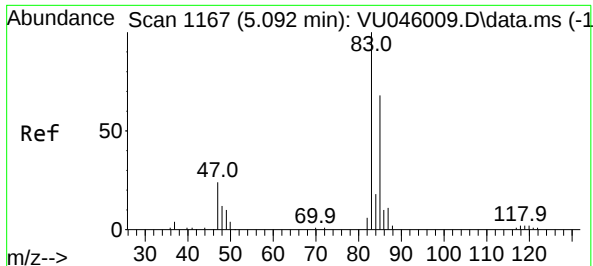
Tgt Ion: 96 Resp: 32650
 Ion Ratio Lower Upper
 96 100
 61 127.7 88.5 164.3
 98 63.4 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.636 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.003 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

Tgt Ion: 128 Resp: 15461
 Ion Ratio Lower Upper
 128 100
 49 149.7 117.0 217.2
 130 123.9 88.2 163.8
 51 46.5 42.5 63.7





#25

Chloroform

Concen: 5.276 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

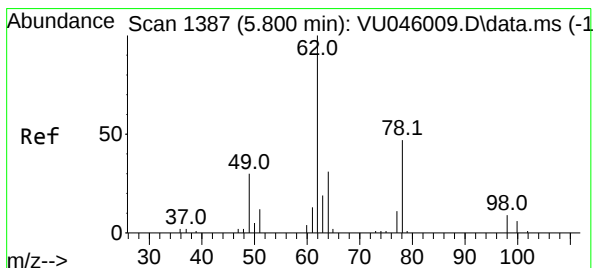
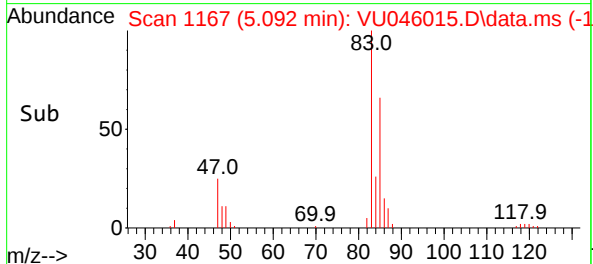
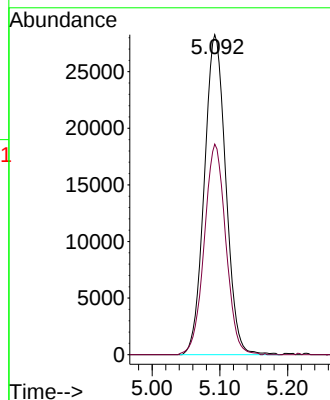
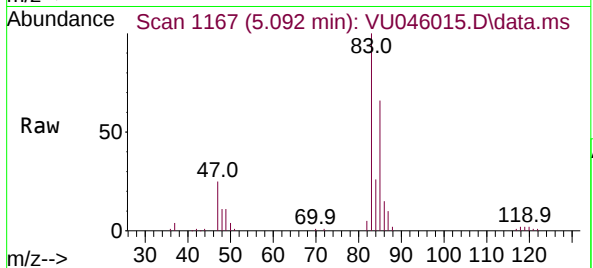
VSTD005138

Tgt Ion: 83 Resp: 62244

Ion Ratio Lower Upper

83 100

85 65.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.168 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046015.D

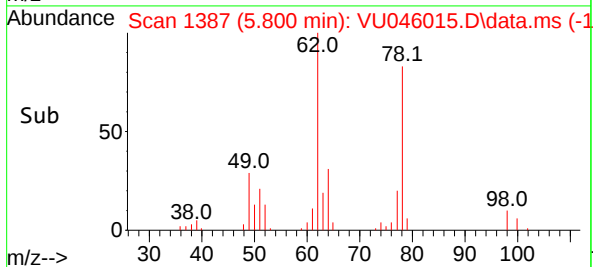
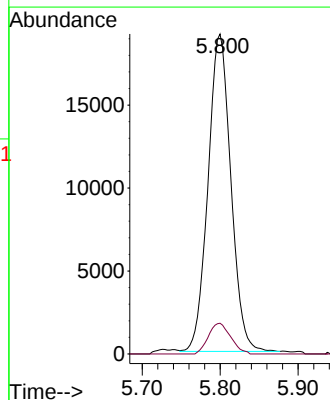
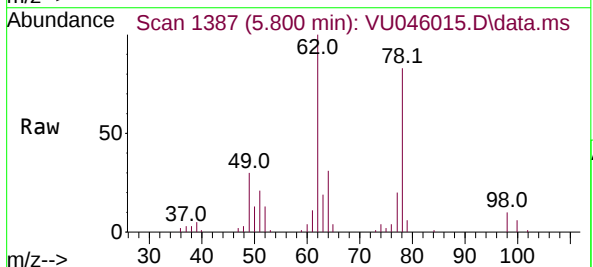
Acq: 26 Nov 2021 13:36

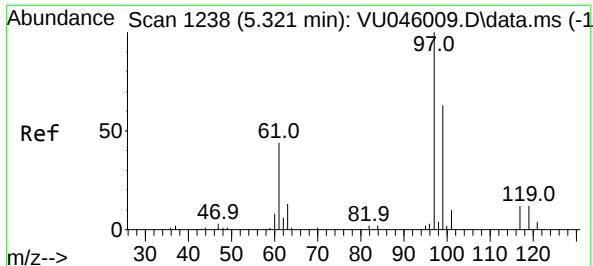
Tgt Ion: 62 Resp: 38906

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8

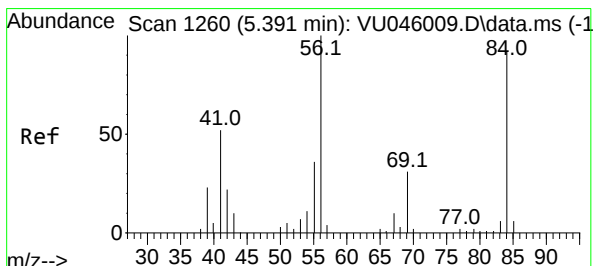
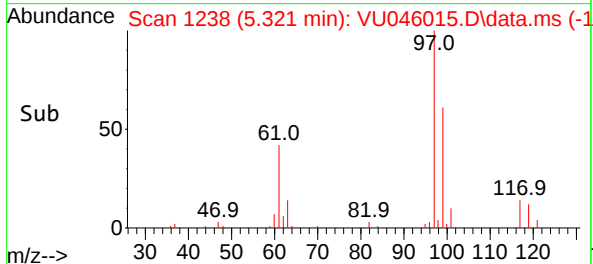
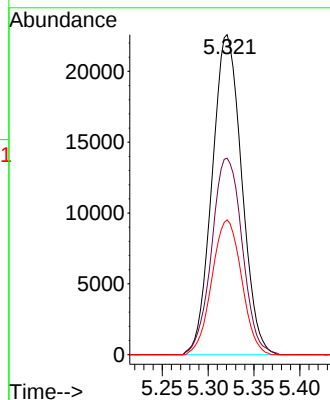
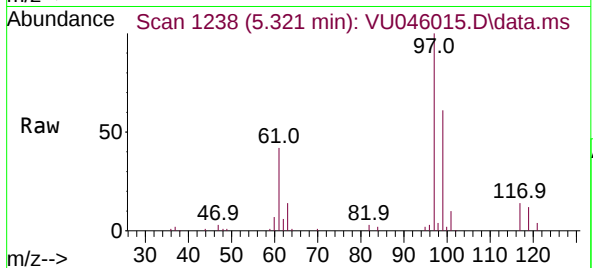




#29
1,1,1-Trichloroethane
Concen: 5.299 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

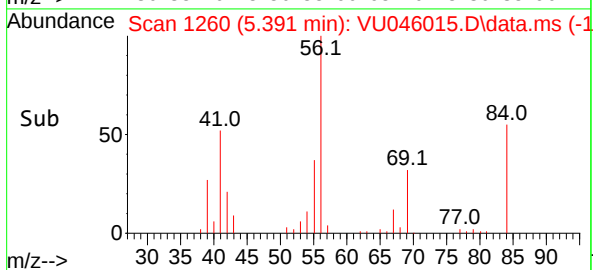
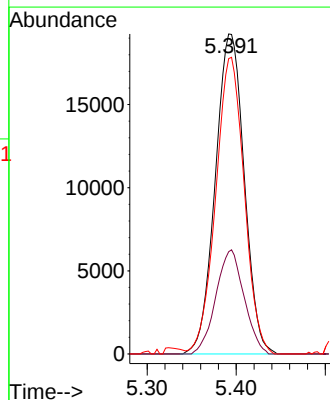
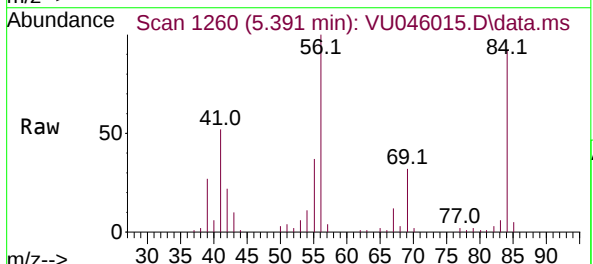
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

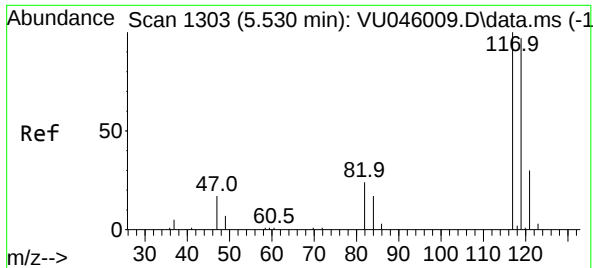
Tgt Ion:	97	Resp:	50703
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	42.3	36.1	54.1



#30
Cyclohexane
Concen: 4.575 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:	56	Resp:	43419
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.7	37.1
84	91.3	71.8	107.6

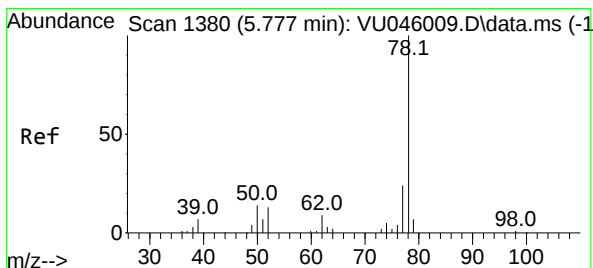
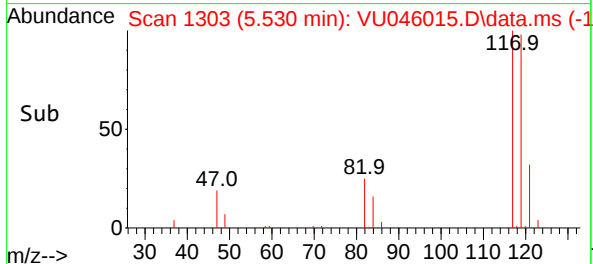
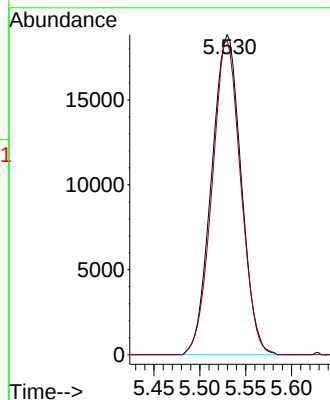
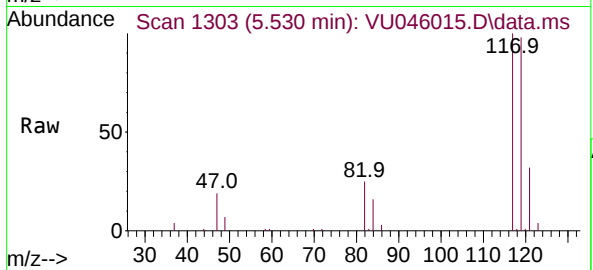




#31
Carbon tetrachloride
Concen: 5.245 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

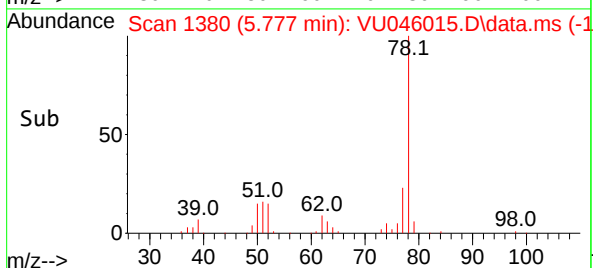
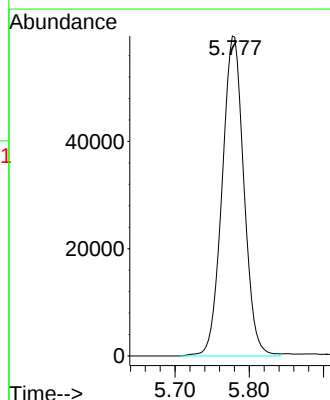
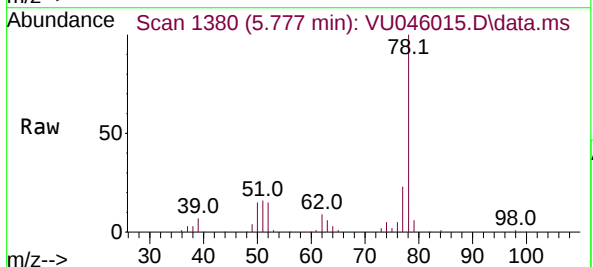
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

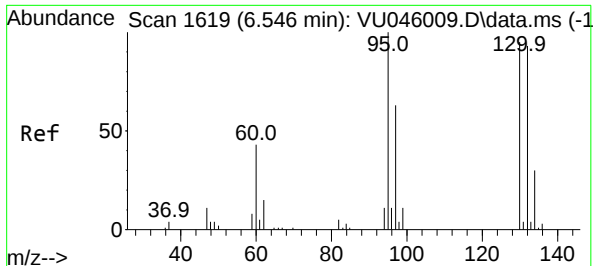
Tgt Ion:117 Resp: 42207
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3



#33
Benzene
Concen: 4.946 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 78 Resp: 121557

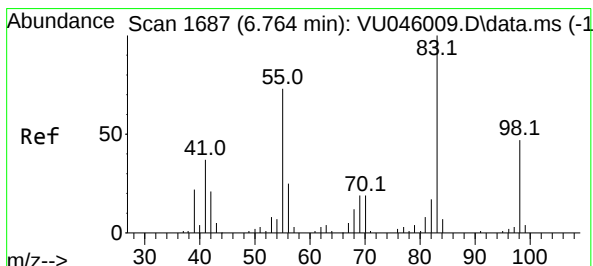
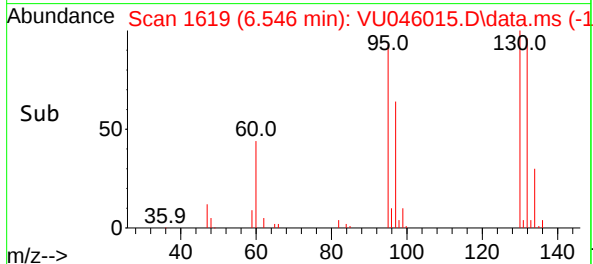
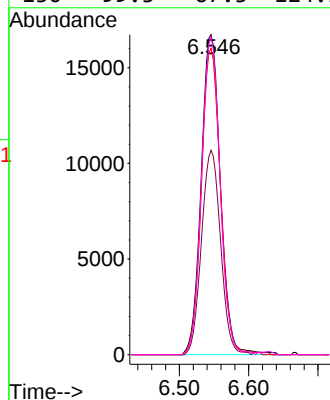
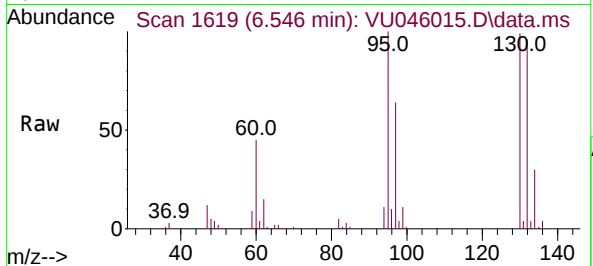




#34
Trichloroethene
Concen: 5.112 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

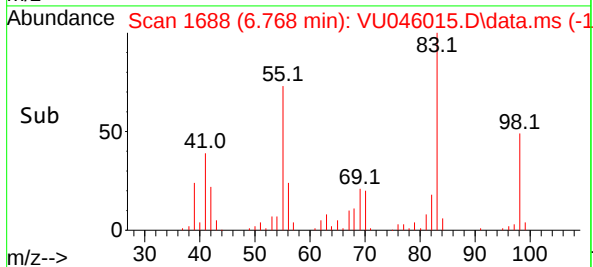
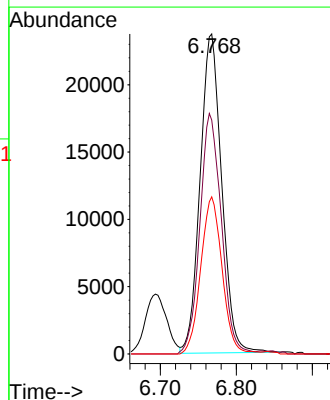
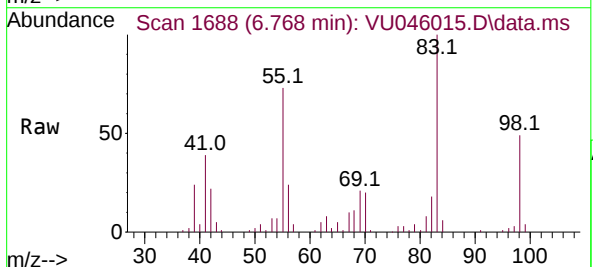
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

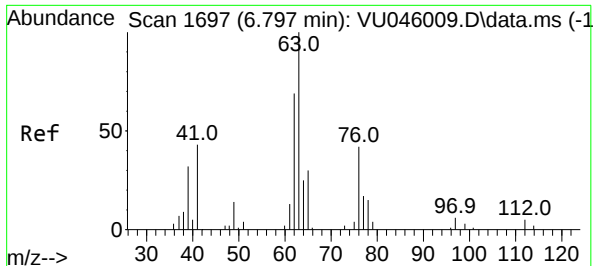
Tgt Ion: 95 Resp: 32380
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 95.7 65.1 120.9
130 99.3 67.3 124.9



#35
Methylcyclohexane
Concen: 4.808 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 83 Resp: 46767
Ion Ratio Lower Upper
83 100
55 74.8 61.9 92.9
98 48.7 39.0 58.6

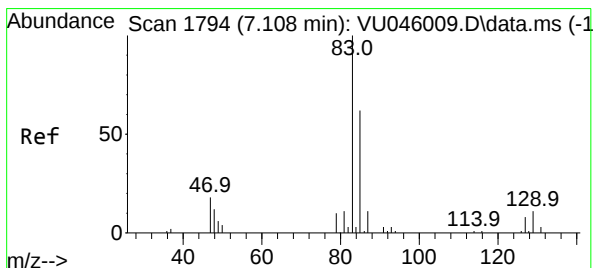
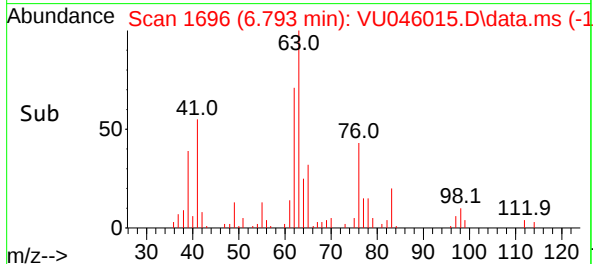
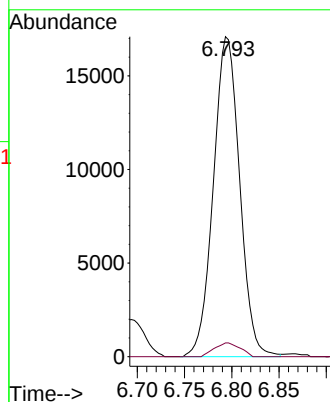
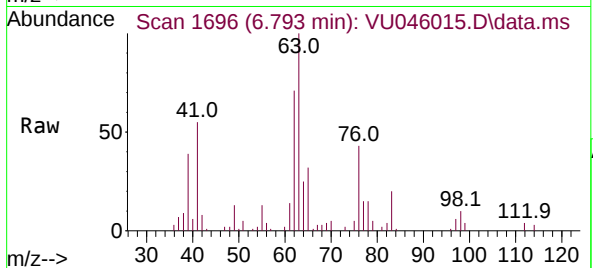




#37
1,2-Dichloropropane
Concen: 5.118 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

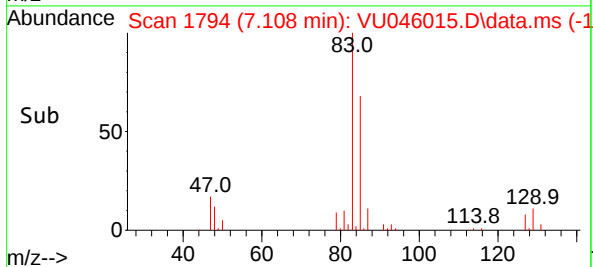
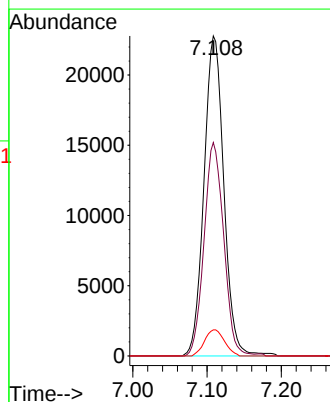
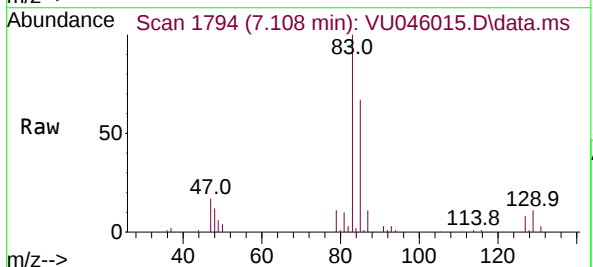
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

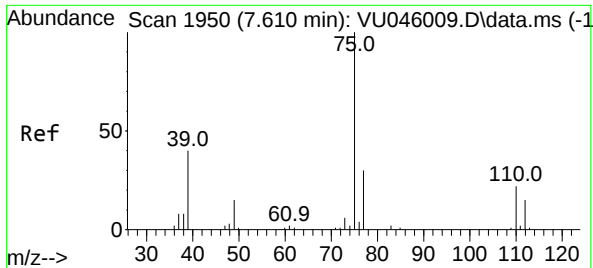
Tgt Ion: 63 Resp: 33099
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 5.301 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 83 Resp: 42307
Ion Ratio Lower Upper
83 100
85 66.7 44.0 81.8
127 8.2 6.3 9.5

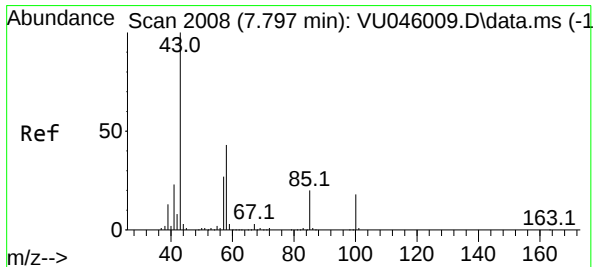
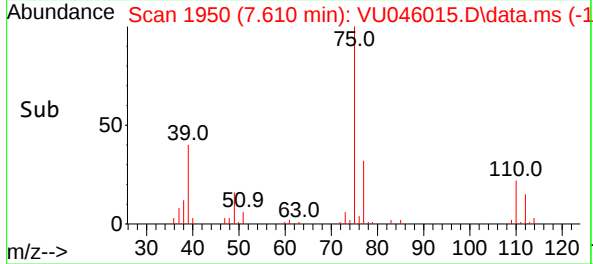
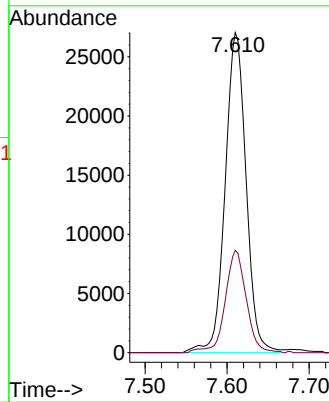
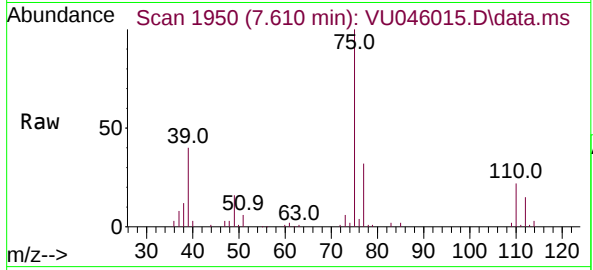




#39
 cis-1,3-Dichloropropene
 Concen: 5.231 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

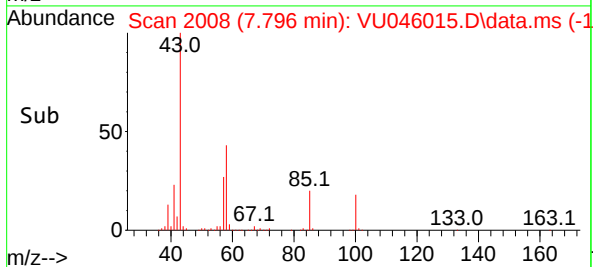
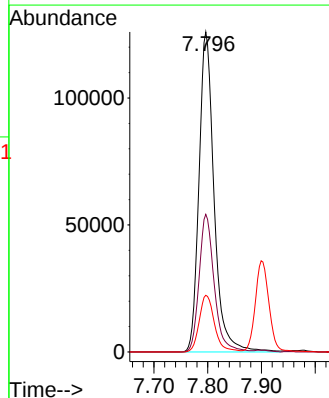
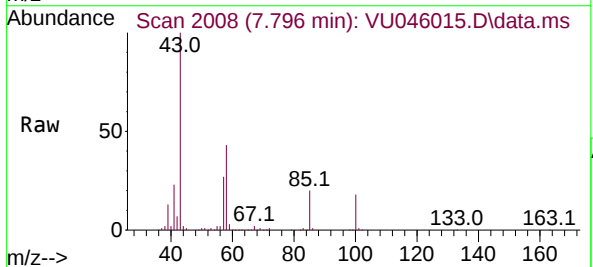
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

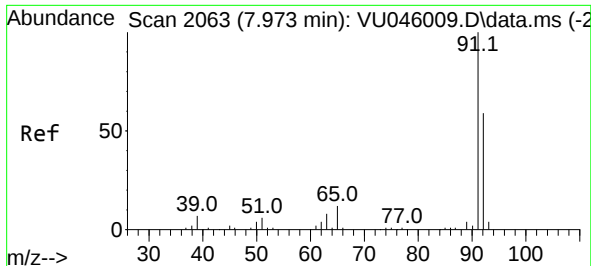
Tgt Ion: 75 Resp: 48079
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 58.010 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

Tgt Ion: 43 Resp: 246092
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.1 49.7
 100 17.9 13.2 19.8





#42

Toluene

Concen: 5.196 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

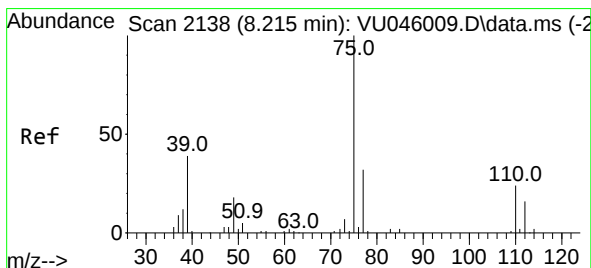
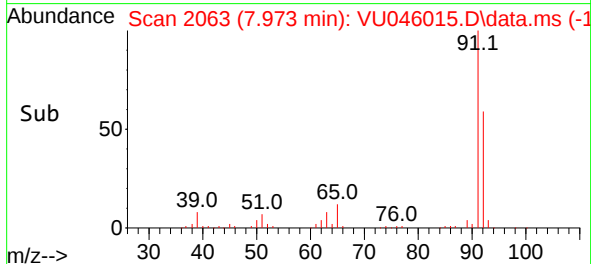
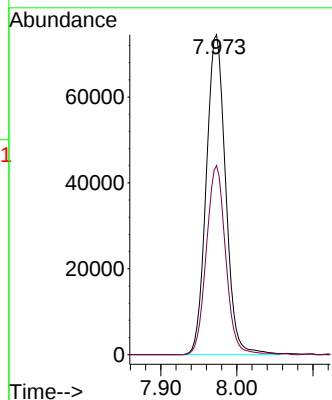
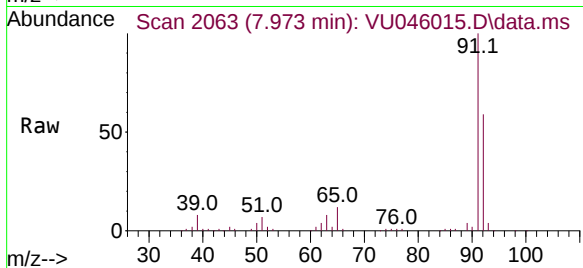
VSTD005138

Tgt Ion: 91 Resp: 131811

Ion Ratio Lower Upper

91 100

92 59.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.432 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046015.D

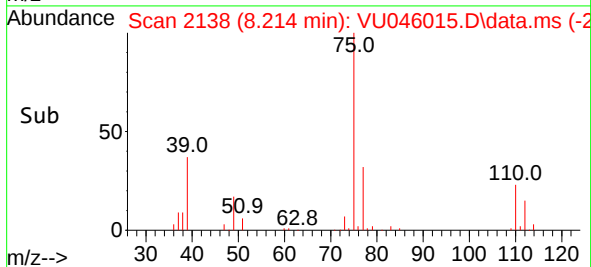
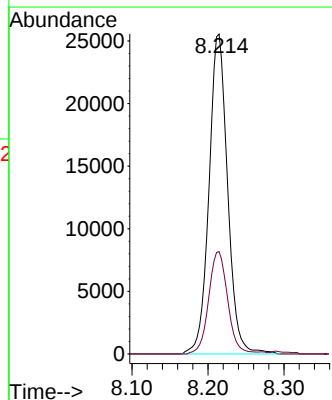
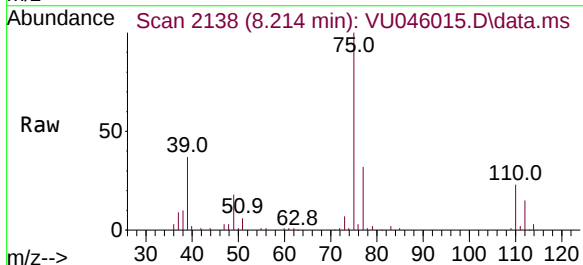
Acq: 26 Nov 2021 13:36

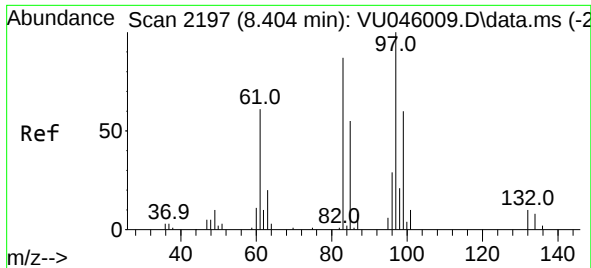
Tgt Ion: 75 Resp: 43434

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3

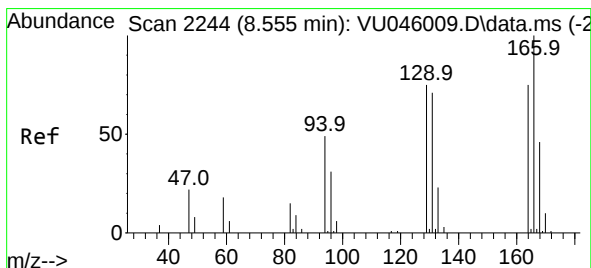
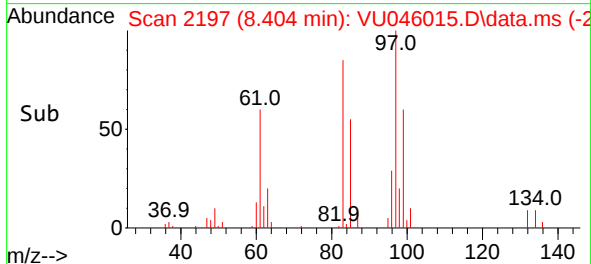
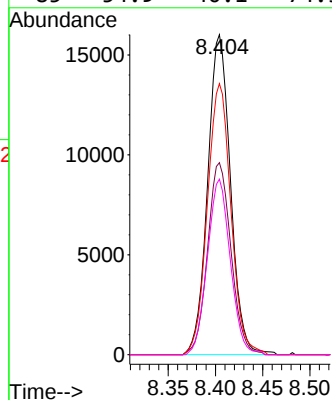
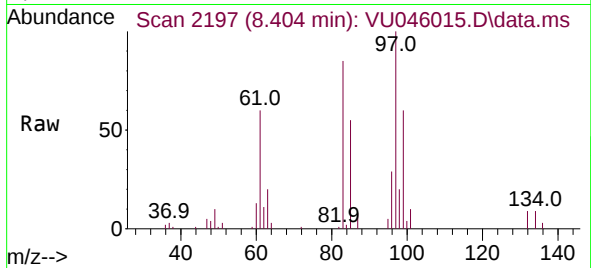




#45
1,1,2-Trichloroethane
Concen: 5.603 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

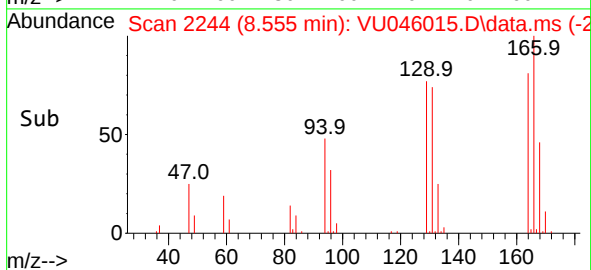
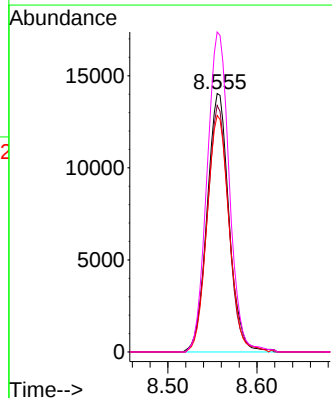
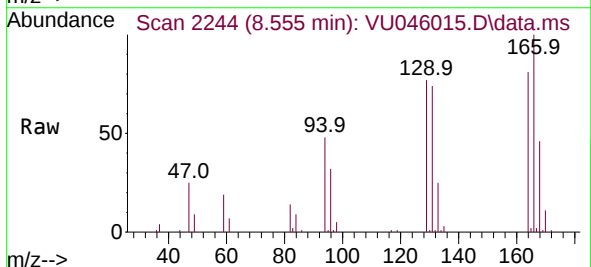
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

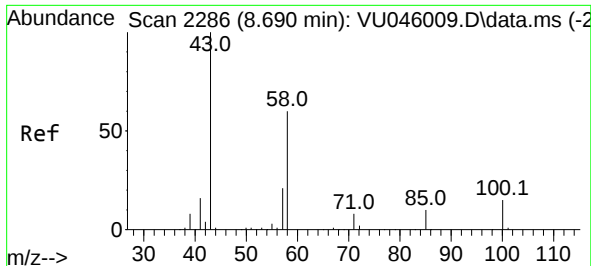
Tgt Ion:	97	Resp:	26904
Ion	Ratio	Lower	Upper
97	100		
99	60.0	42.3	78.5
83	84.7	62.0	115.2
85	54.9	40.1	74.5



#47
Tetrachloroethene
Concen: 5.416 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:	164	Resp:	24016
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.8	133.4
131	91.5	68.5	127.3
166	123.8	94.1	174.8

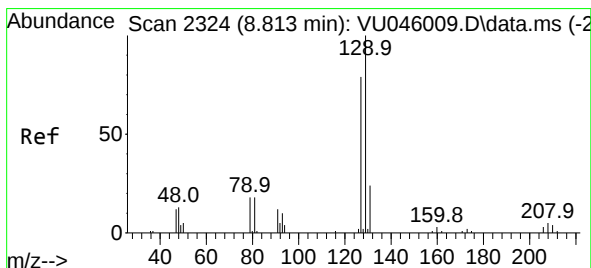
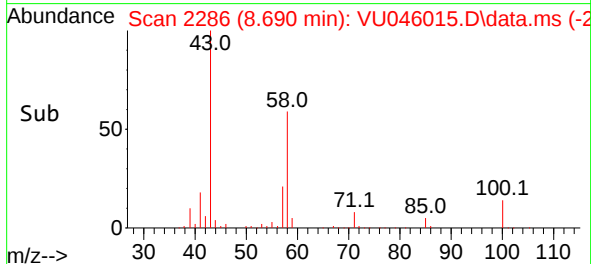
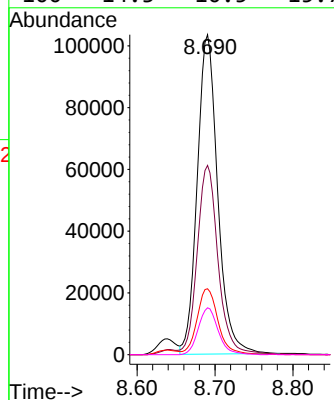
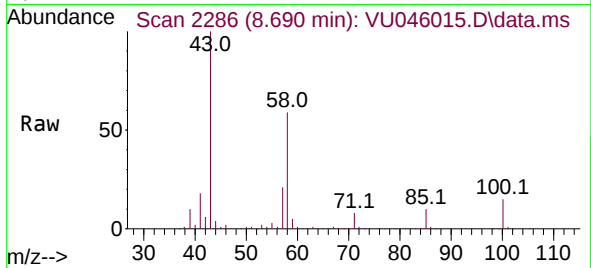




#48
2-Hexanone
Concen: 61.684 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

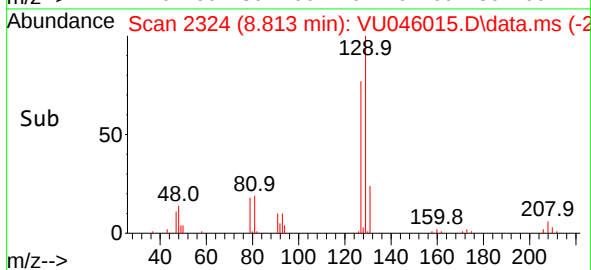
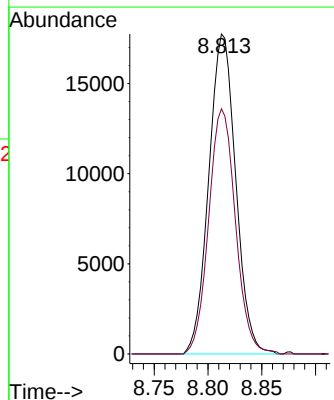
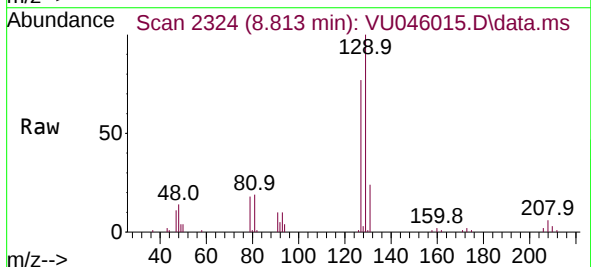
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

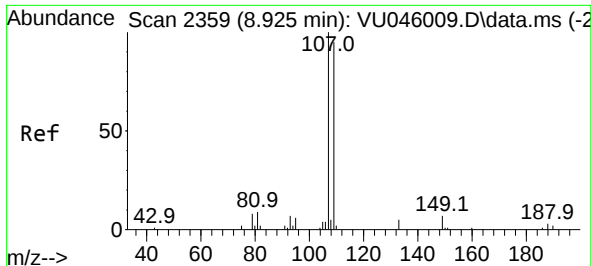
Tgt Ion:	43	Resp:	189044
Ion	Ratio	Lower	Upper
43	100		
58	60.7	46.7	70.1
57	21.1	16.3	24.5
100	14.3	10.5	15.7



#49
Dibromochloromethane
Concen: 5.662 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:	129	Resp:	30966
Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.4	102.8

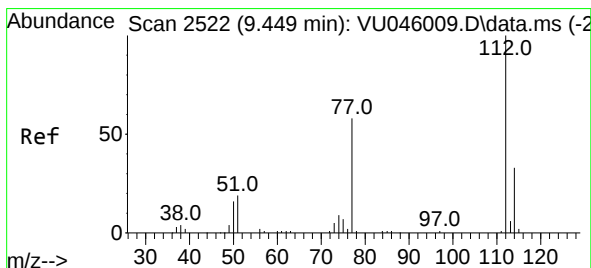
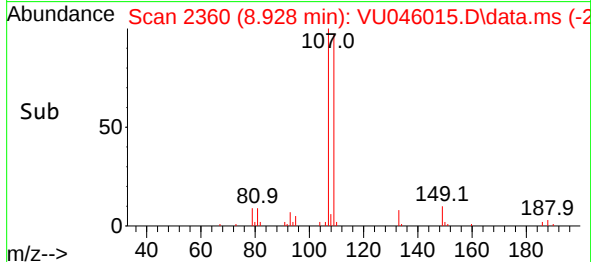
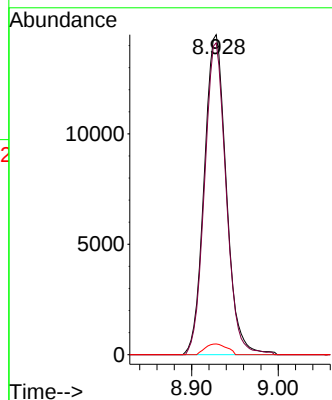
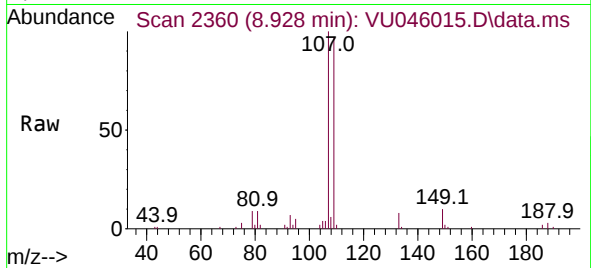




#50
1,2-Dibromoethane
Concen: 5.676 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

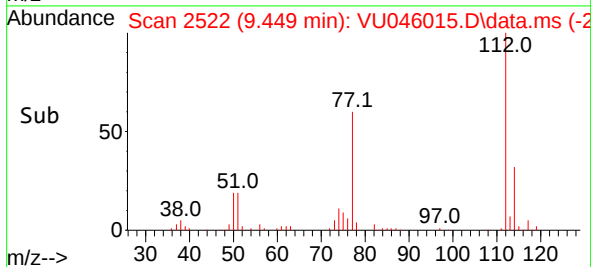
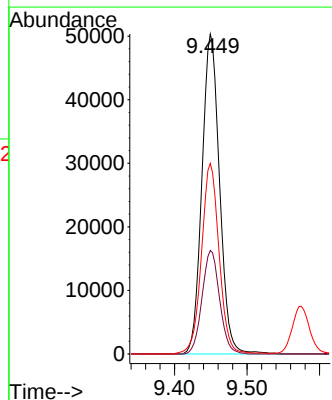
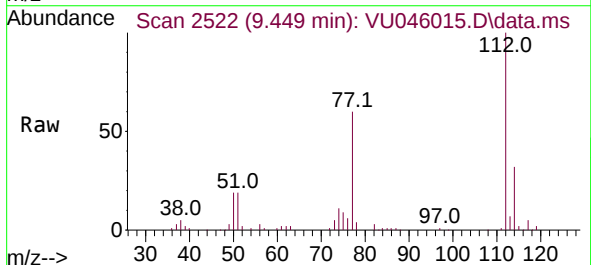
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

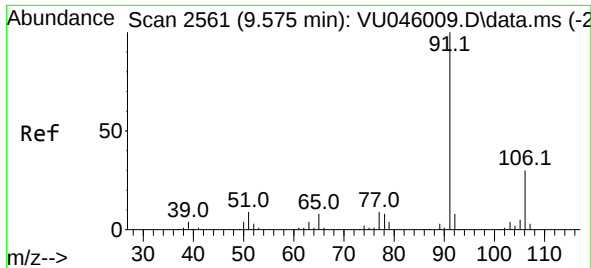
Tgt Ion:107 Resp: 25678
Ion Ratio Lower Upper
107 100
109 97.4 64.0 119.0
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 5.343 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:112 Resp: 85024
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 59.5 48.3 72.5

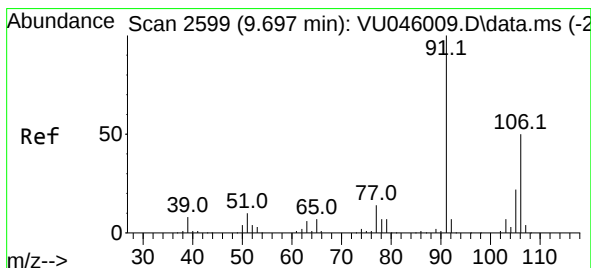
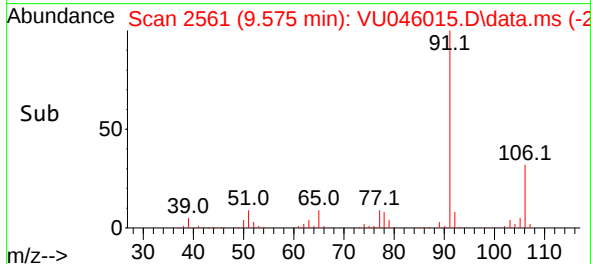
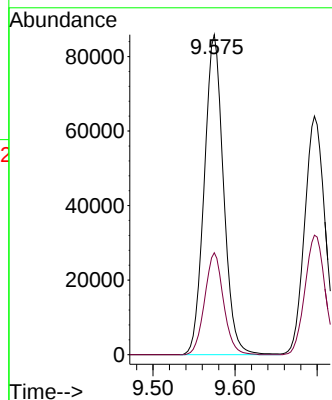
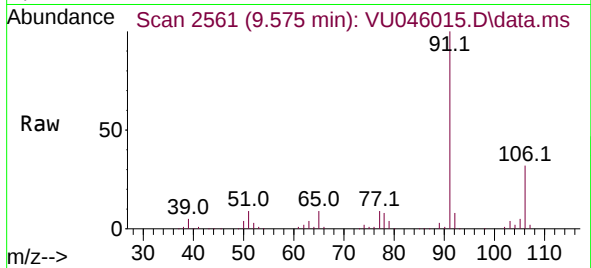




#52
Ethylbenzene
Concen: 5.266 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

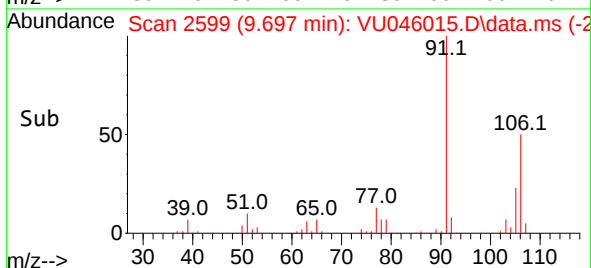
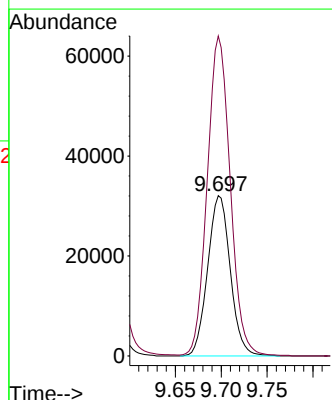
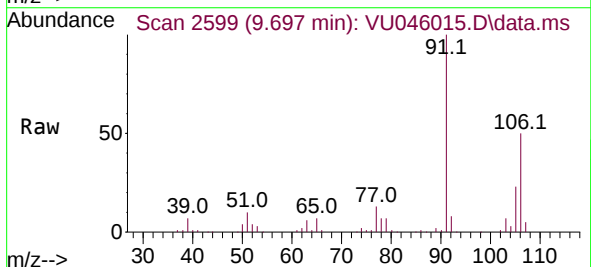
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

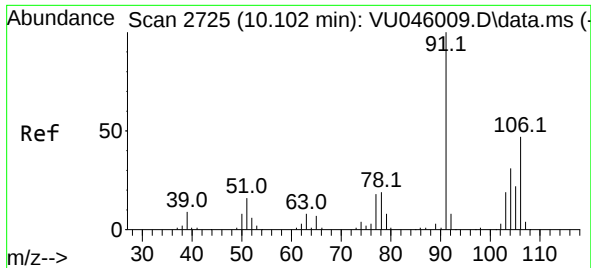
Tgt Ion: 91 Resp: 139839
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.412 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 106 Resp: 55050
Ion Ratio Lower Upper
106 100
91 199.7 139.4 259.0

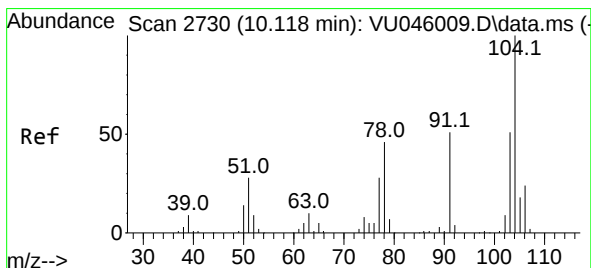
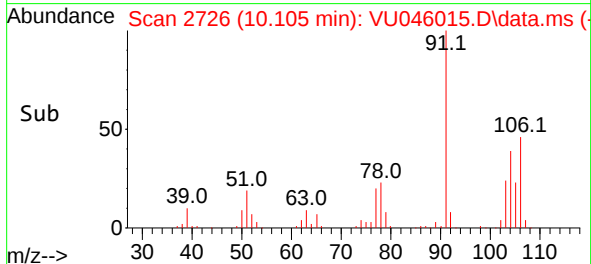
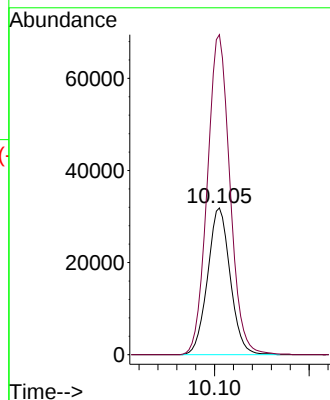
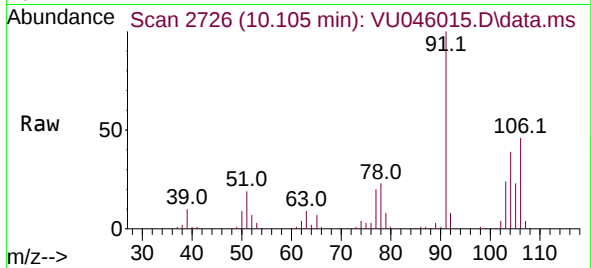




#54
o-Xylene
Concen: 5.397 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

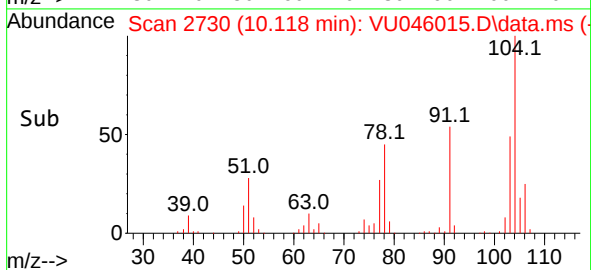
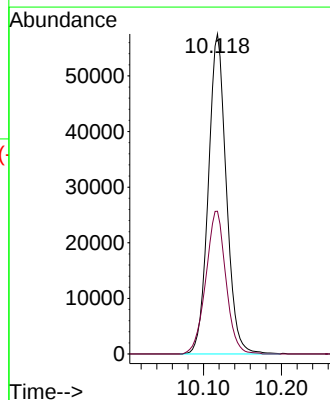
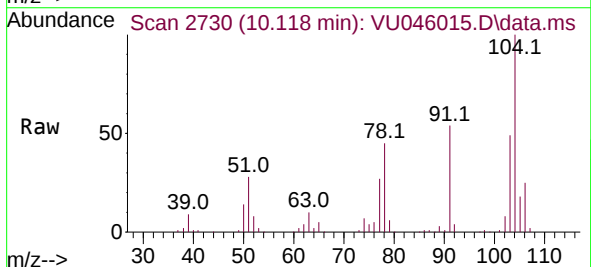
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

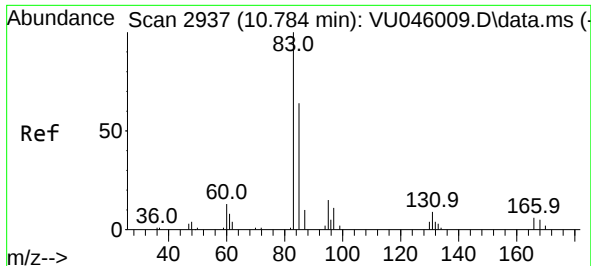
Tgt Ion:106 Resp: 52975
Ion Ratio Lower Upper
106 100
91 218.1 147.5 273.9



#55
Styrene
Concen: 5.590 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:104 Resp: 92368
Ion Ratio Lower Upper
104 100
78 44.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.644 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

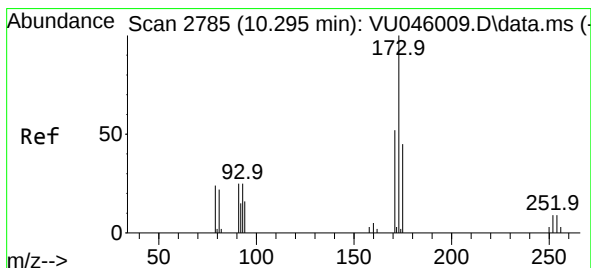
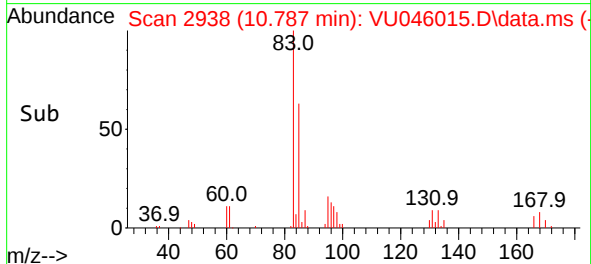
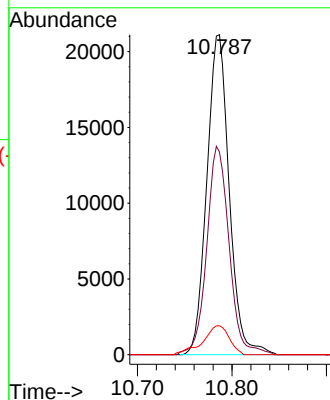
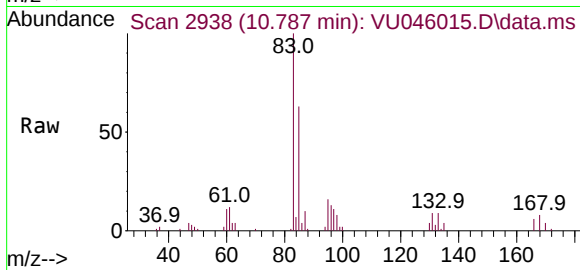
Tgt Ion: 83 Resp: 34711

Ion Ratio Lower Upper

83 100

85 63.4 47.9 89.1

131 9.0 8.1 12.1



#59

Bromoform

Concen: 5.712 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

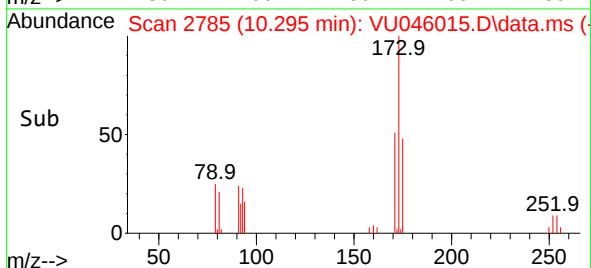
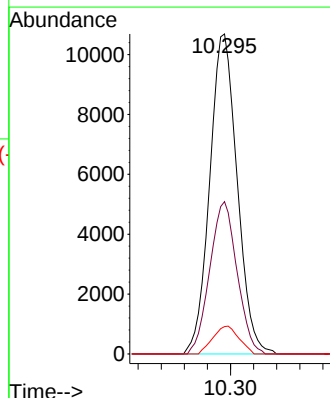
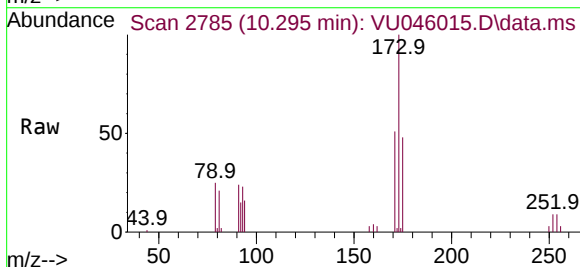
Tgt Ion:173 Resp: 17627

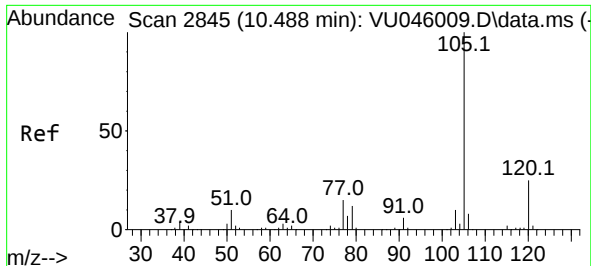
Ion Ratio Lower Upper

173 100

175 47.2 37.8 56.6

254 8.2 7.3 10.9

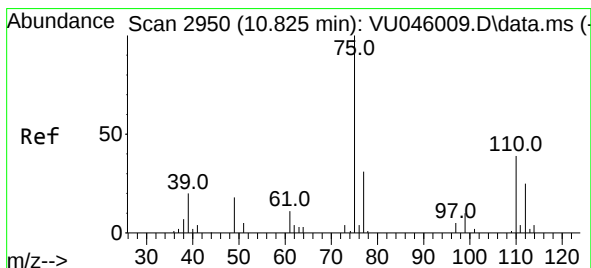
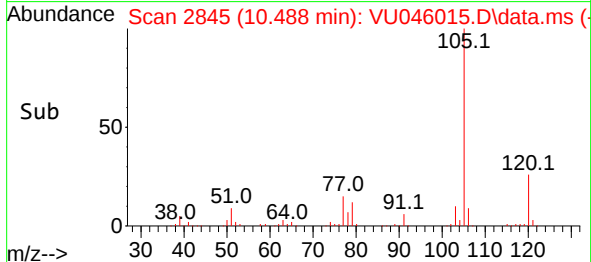
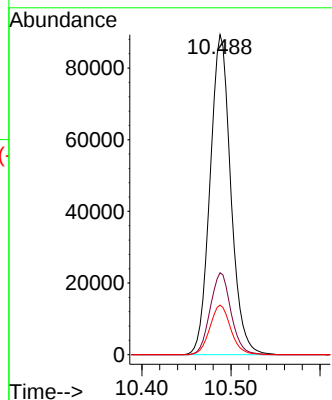
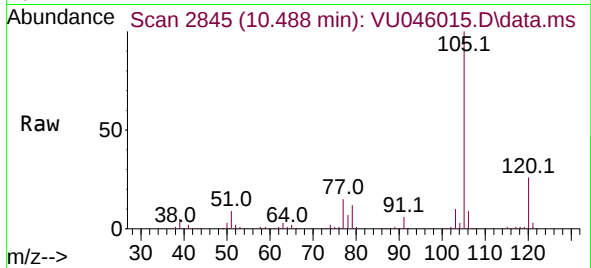




#60
Isopropylbenzene
Concen: 5.281 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

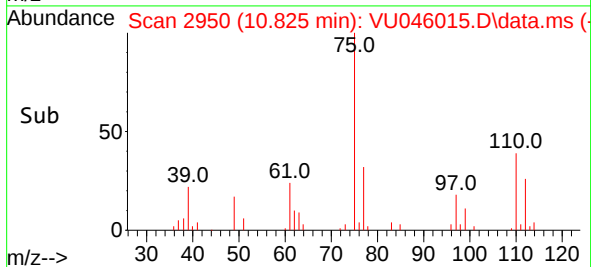
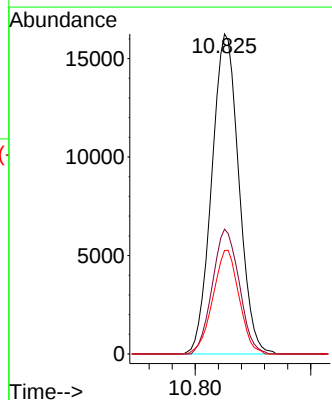
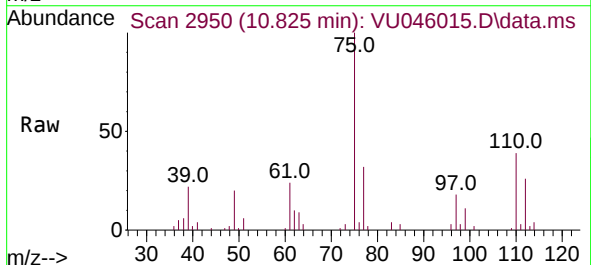
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

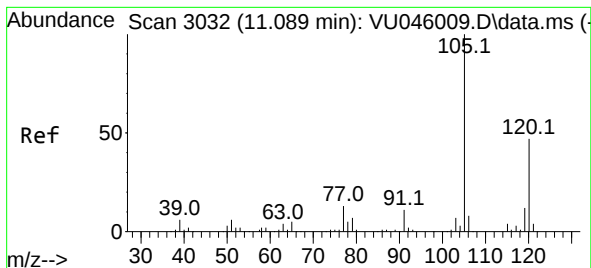
Tgt Ion:105 Resp: 144447
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.471 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion: 75 Resp: 26461
Ion Ratio Lower Upper
75 100
110 38.5 29.9 44.9
77 31.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.212 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

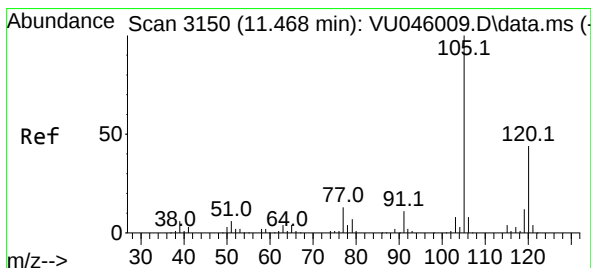
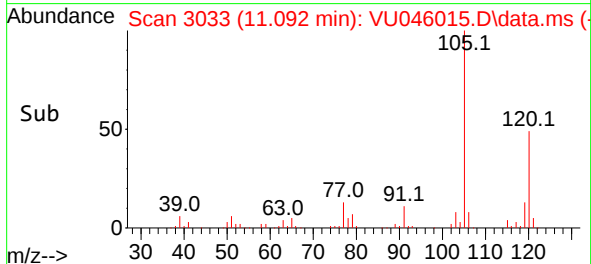
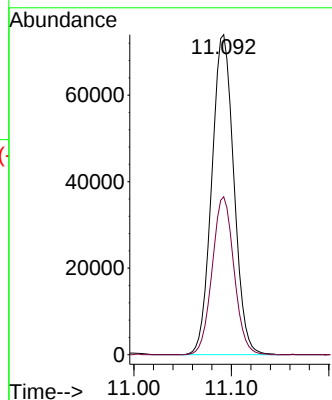
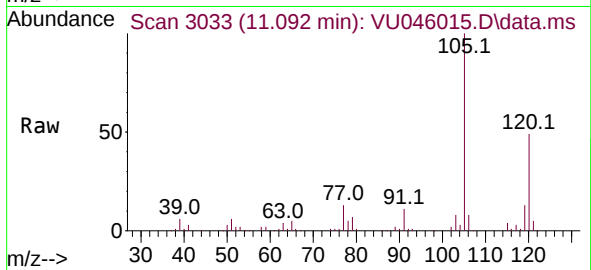
VSTD005138

Tgt Ion:105 Resp: 116563

Ion Ratio Lower Upper

105 100

120 48.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.258 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046015.D

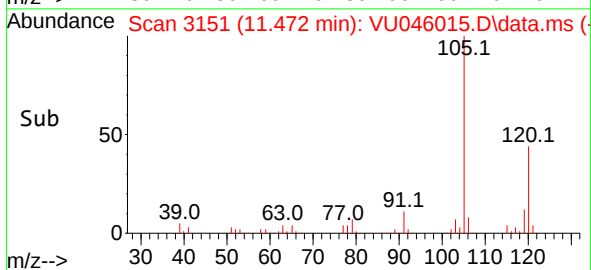
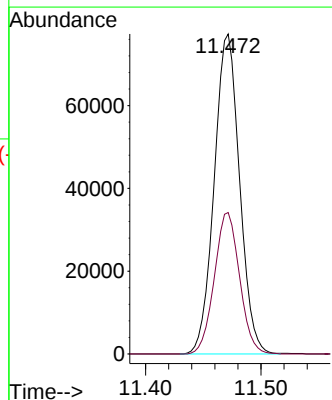
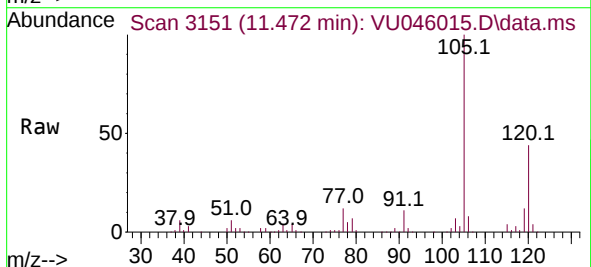
Acq: 26 Nov 2021 13:36

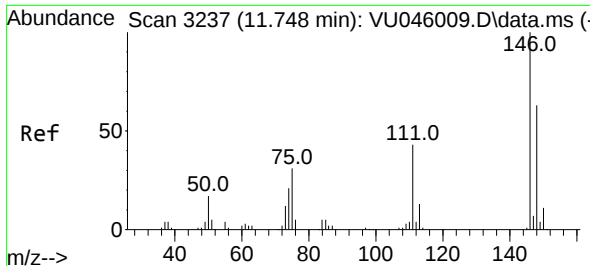
Tgt Ion:105 Resp: 117828

Ion Ratio Lower Upper

105 100

120 43.9 35.8 53.8

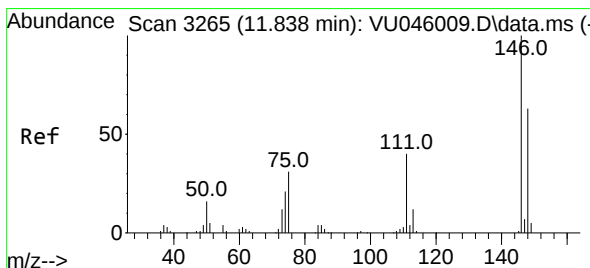
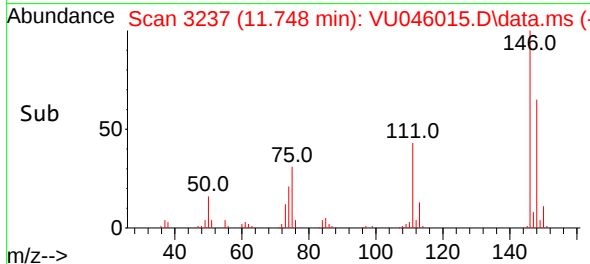
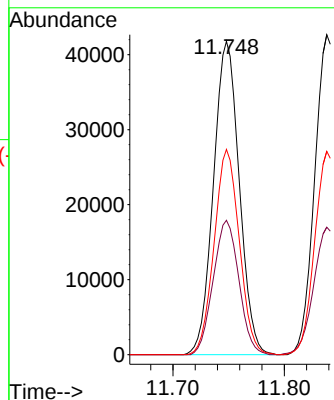
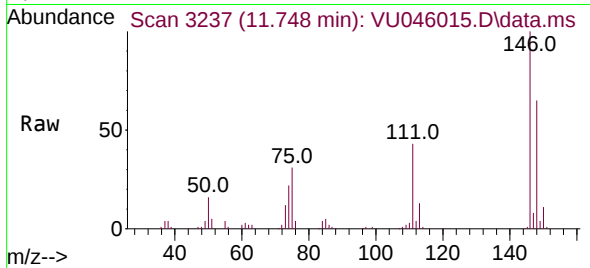




#64
1,3-Dichlorobenzene
Concen: 5.268 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

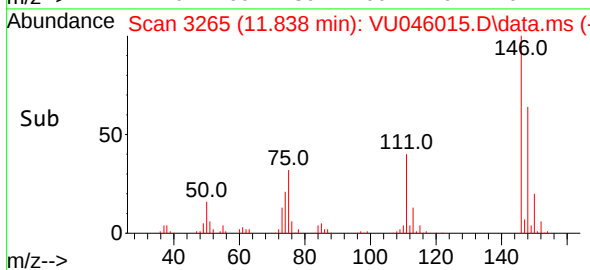
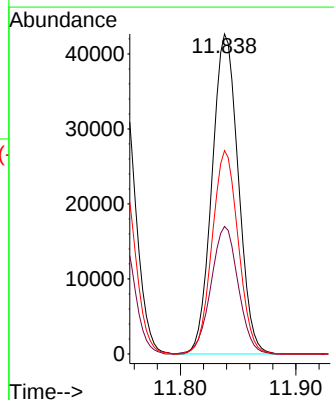
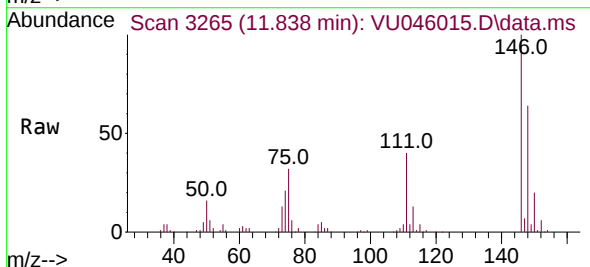
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

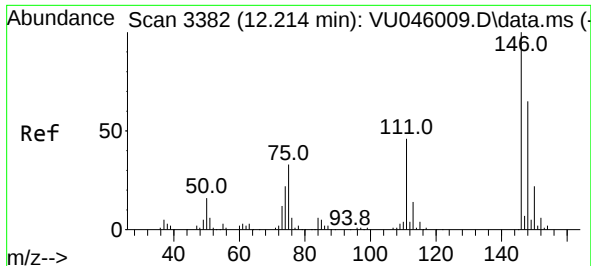
Tgt Ion:146 Resp: 67224
Ion Ratio Lower Upper
146 100
111 42.9 29.9 55.5
148 65.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.189 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:146 Resp: 67265
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 63.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.334 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

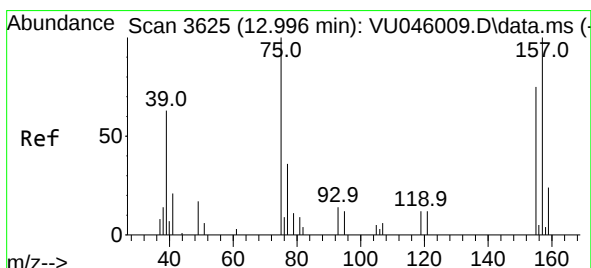
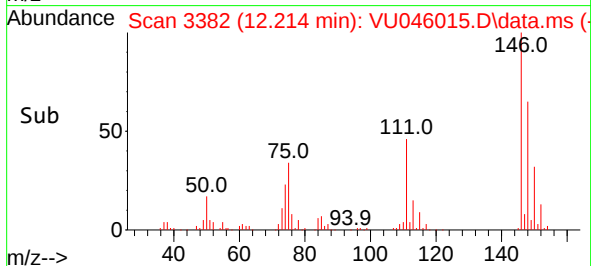
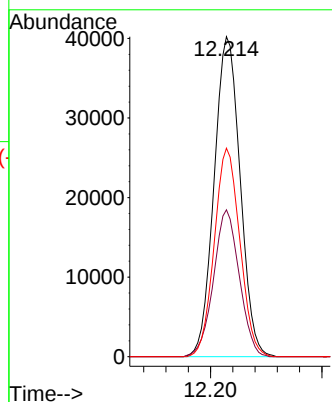
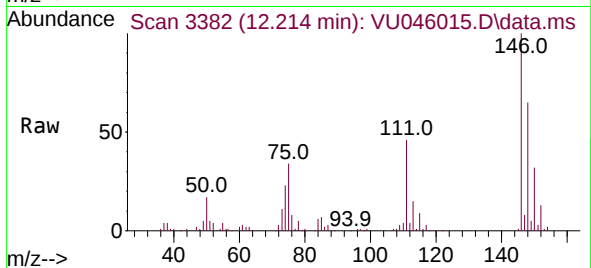
Tgt Ion:146 Resp: 65268

Ion Ratio Lower Upper

146 100

111 45.9 35.4 53.0

148 65.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.902 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046015.D

Acq: 26 Nov 2021 13:36

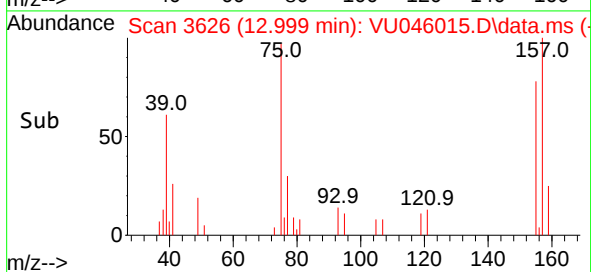
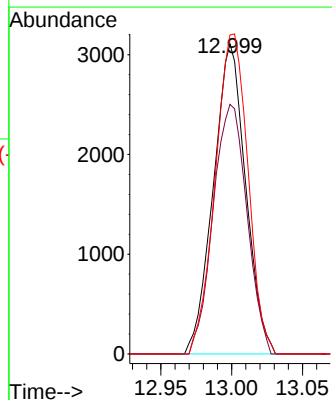
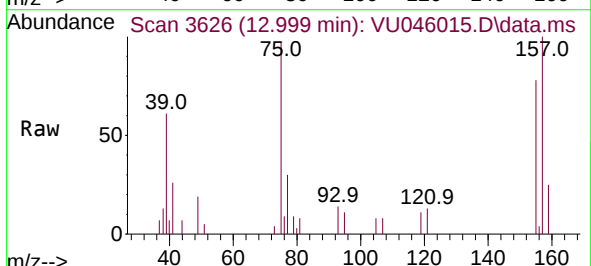
Tgt Ion: 75 Resp: 4933

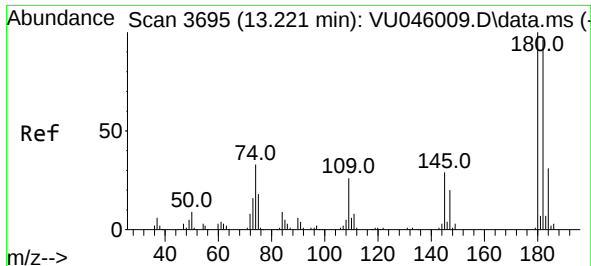
Ion Ratio Lower Upper

75 100

155 80.5 59.2 88.8

157 102.9 76.5 114.7

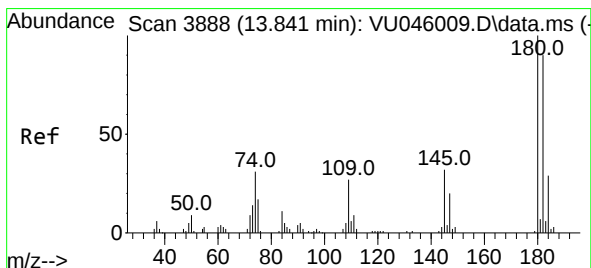
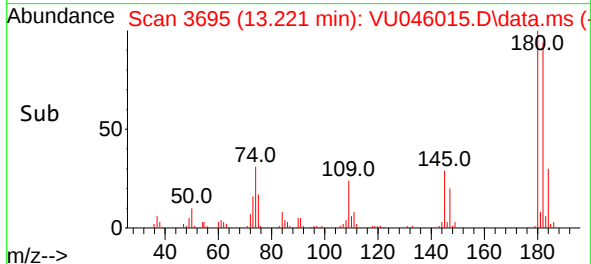
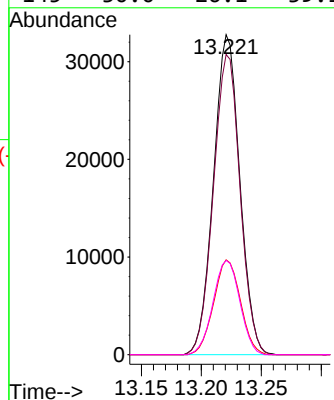
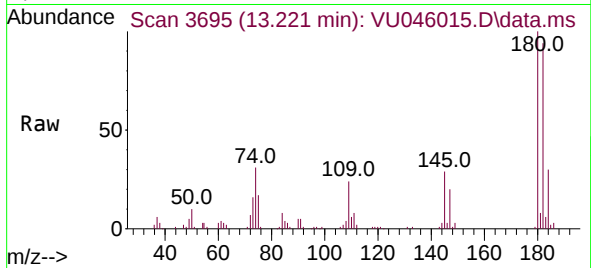




#69
 1,3,5-Trichlorobenzene
 Concen: 5.234 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

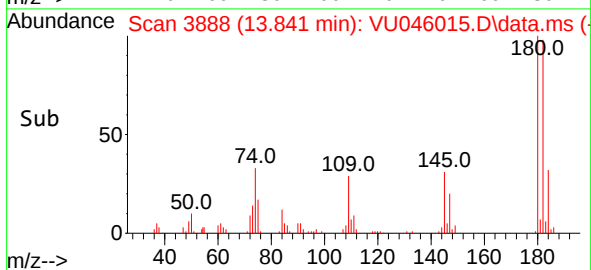
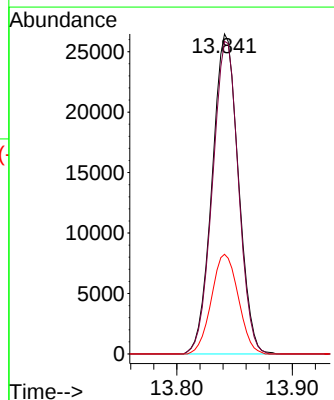
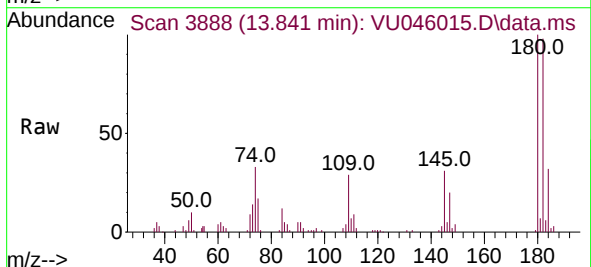
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

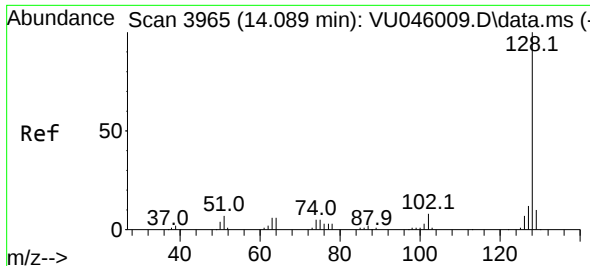
Tgt Ion:180	Resp:	49963
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.1 114.1
184	30.2	25.0 37.4
145	30.0	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.170 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046015.D
 Acq: 26 Nov 2021 13:36

Tgt Ion:180	Resp:	41762
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.4 114.6
145	32.0	25.6 38.4

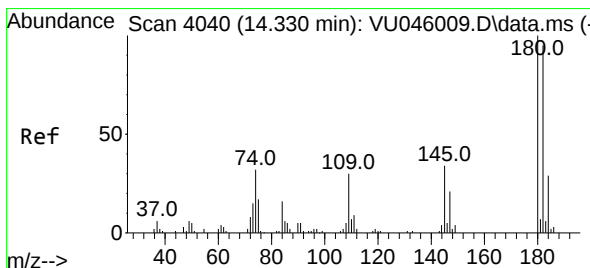
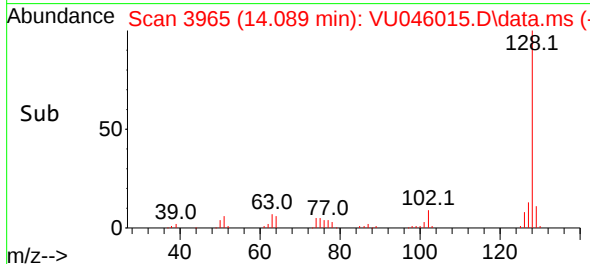
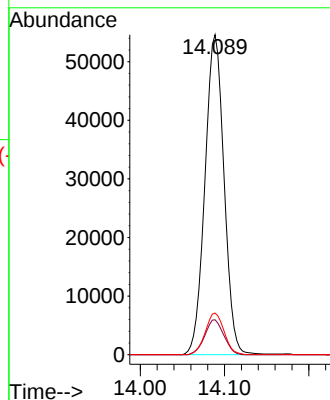
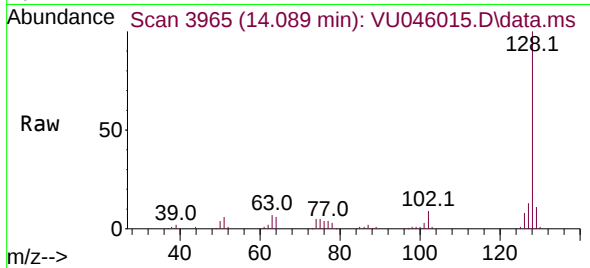




#71
Naphthalene
Concen: 5.203 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Tgt Ion:128 Resp: 86352
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.267 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046015.D
Acq: 26 Nov 2021 13:36

Tgt Ion:180 Resp: 42333
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 33.3 28.4 42.6

