

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046009.D
 Acq On : 26 Nov 2021 10:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Nov 26 23:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90769	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26596	3.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.916	69	23510	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.572	65	11882	3.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.655	46	116853	60.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.260%
24) Chloroform-d	5.067	84	56461	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.707	65	34903	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.732	84	110308	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	36612	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.899	98	96863	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.182	79	16040	5.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.639	63	86172	60.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37681	5.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39335	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	32232	4.361	ug/L	100
3) Chloromethane	1.520	50	31277	3.994	ug/L	99
5) Vinyl chloride	1.604	62	33853	4.307	ug/L	99
6) Bromomethane	1.861	94	18937	4.062	ug/L	99
8) Chloroethane	1.938	64	20590	4.594	ug/L	100
9) Trichlorofluoromethane	2.144	101	48722	4.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	28277	4.752	ug/L	96
12) 1,1-Dichloroethene	2.585	96	26735	4.758	ug/L	83
13) Acetone	2.681	43	59776	52.697	ug/L	57
14) Carbon disulfide	2.797	76	70166	3.948	ug/L	98
15) Methyl Acetate	2.967	43	12970	4.660	ug/L	92
16) Methylene chloride	3.051	84	31349	3.779	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	77330	5.287	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	27799	4.615	ug/L	95
19) 1,1-Dichloroethane	3.874	63	54658	4.844	ug/L	99
21) 2-Butanone	4.739	43	109759	57.509	ug/L	99
22) cis-1,2-Dichloroethene	4.675	96	32148	4.923	ug/L	98
23) Bromochloromethane	4.977	128	15125	5.314	ug/L	98
25) Chloroform	5.092	83	59026	4.822	ug/L	99

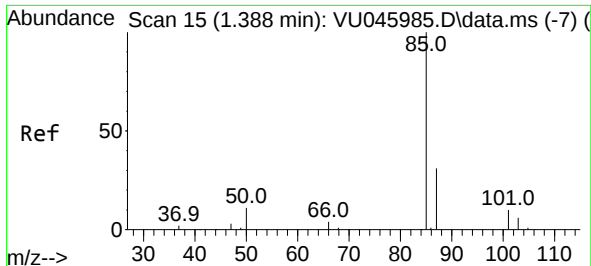
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112621\
 Data File : VU046009.D
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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Nov 26 23:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	38842	4.973	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	49195	5.046	ug/L	99
30) Cyclohexane	5.391	56	42768	4.423	ug/L	97
31) Carbon tetrachloride	5.530	117	41365	5.045	ug/L	100
33) Benzene	5.777	78	121201	4.840	ug/L	100
34) Trichloroethene	6.546	95	31734	4.917	ug/L	98
35) Methylcyclohexane	6.764	83	45589	4.600	ug/L	98
37) 1,2-Dichloropropane	6.797	63	32551	4.940	ug/L	99
38) Bromodichloromethane	7.108	83	41950	5.159	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	46086	4.921	ug/L	96
40) 4-Methyl-2-pentanone	7.797	43	248883	57.580	ug/L	98
42) Toluene	7.973	91	131548	5.089	ug/L	100
44) trans-1,3-Dichloropropene	8.215	75	43317	5.317	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	27041	5.527	ug/L	98
47) Tetrachloroethene	8.555	164	22839	5.055	ug/L	98
48) 2-Hexanone	8.690	43	189322	60.630	ug/L	98
49) Dibromochloromethane	8.813	129	30682	5.506	ug/L	99
50) 1,2-Dibromoethane	8.925	107	25696	5.575	ug/L	97
51) Chlorobenzene	9.449	112	84363	5.203	ug/L	97
52) Ethylbenzene	9.575	91	140221	5.183	ug/L	99
53) m,p-Xylene	9.697	106	55913	5.395	ug/L	99
54) o-Xylene	10.102	106	53280	5.327	ug/L	98
55) Styrene	10.118	104	92151	5.473	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	34676	5.534	ug/L	96
59) Bromoform	10.295	173	18012	5.808	ug/L	98
60) Isopropylbenzene	10.488	105	142762	5.193	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	26556	5.463	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	116099	5.165	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	118429	5.259	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	67436	5.258	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	67966	5.217	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	65136	5.297	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5173	5.115	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	49705	5.181	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	42060	5.181	ug/L	99
71) Naphthalene	14.089	128	90215	5.409	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42151	5.218	ug/L	98

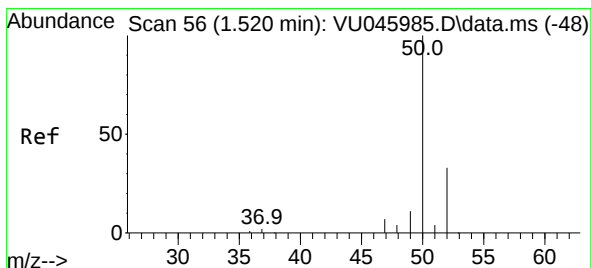
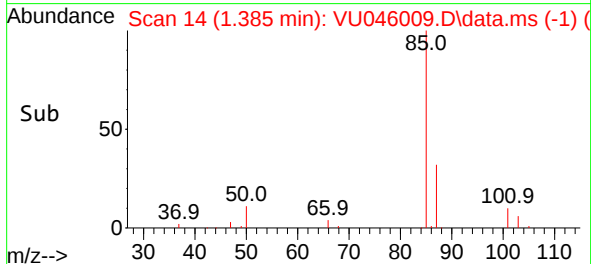
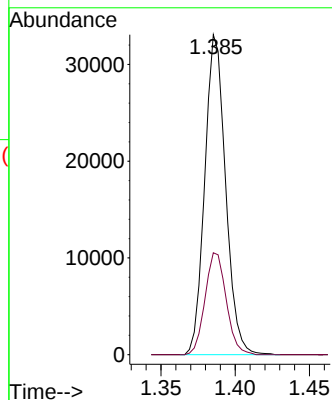
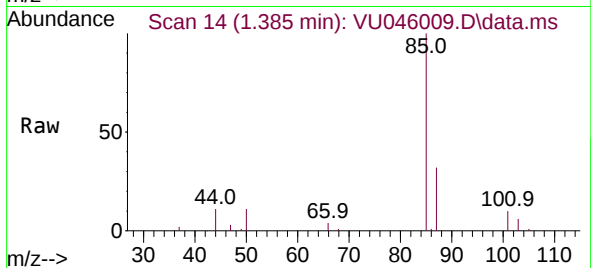
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#2
 Dichlorodifluoromethane
 Concen: 4.361 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

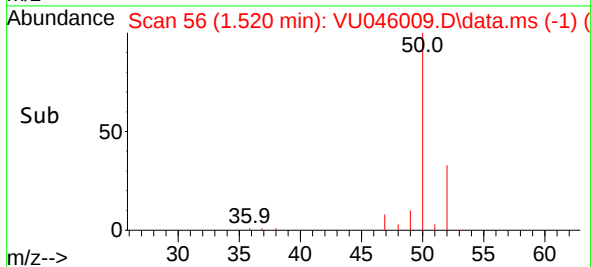
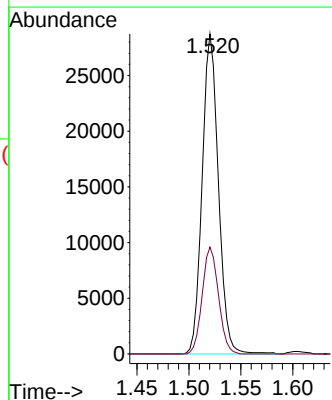
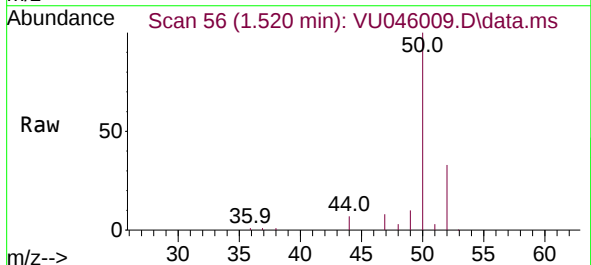
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

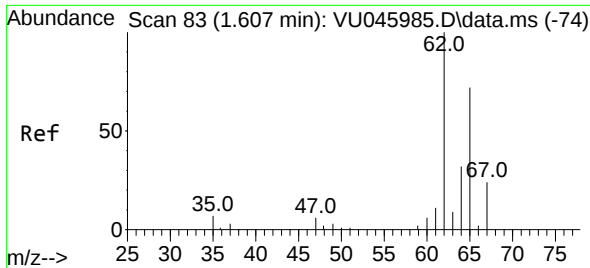
Tgt Ion: 85 Resp: 32232
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 3.994 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

Tgt Ion: 50 Resp: 31277
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

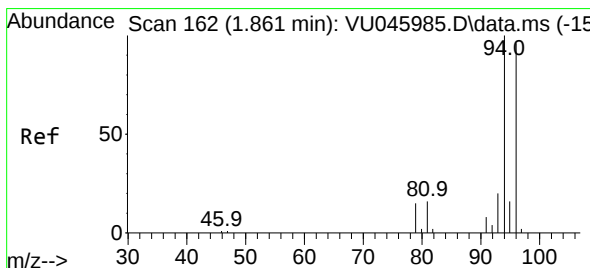
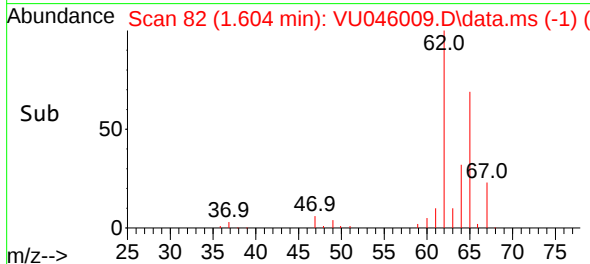
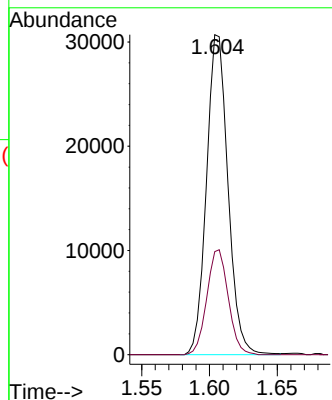
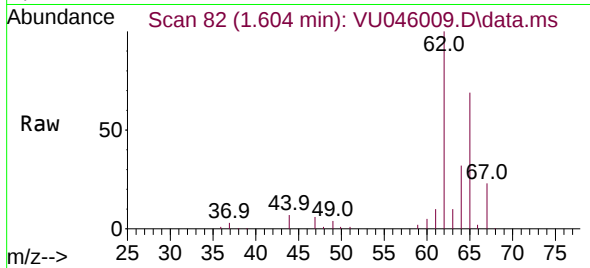




#5
 Vinyl chloride
 Concen: 4.307 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

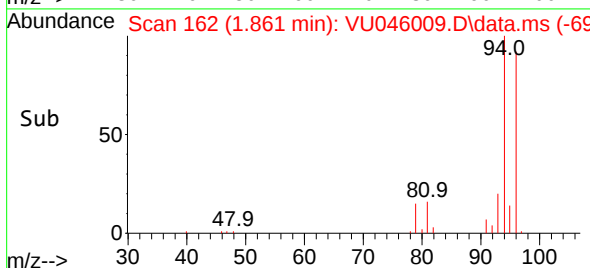
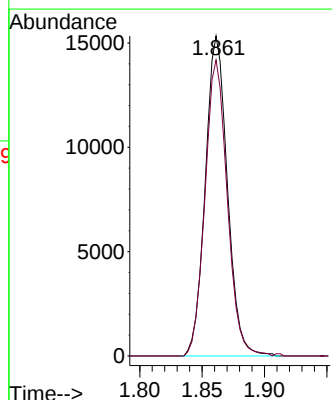
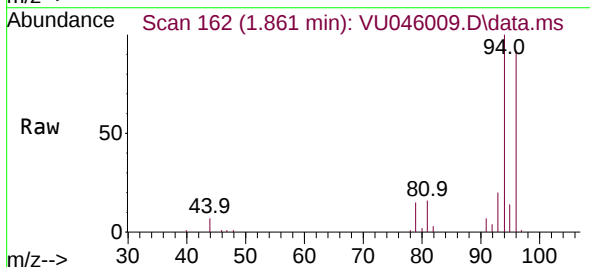
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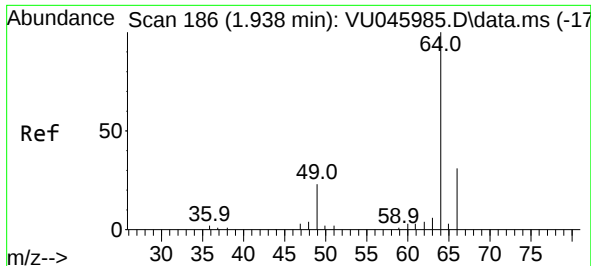
Tgt Ion: 62 Resp: 33853
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.062 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

Tgt Ion: 94 Resp: 18937
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.5 121.6

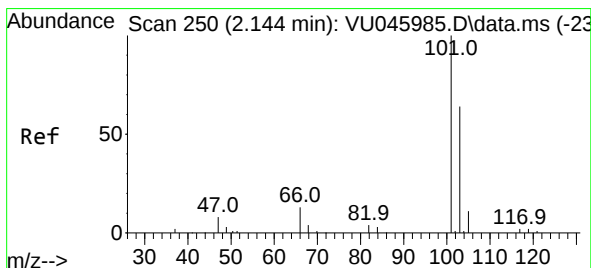
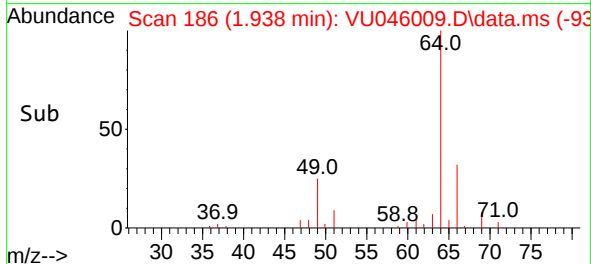
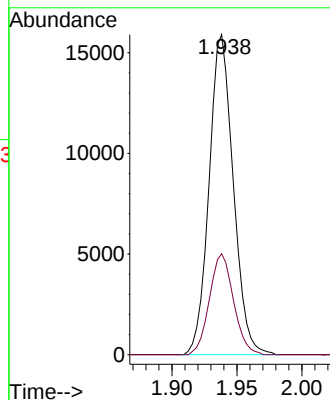
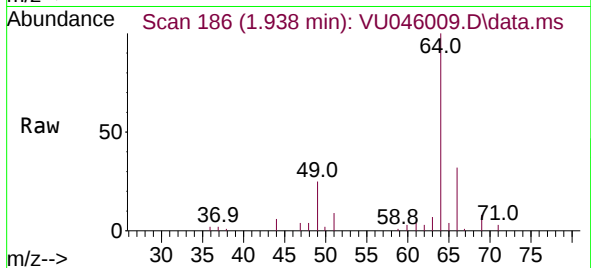




#8
Chloroethane
Concen: 4.594 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

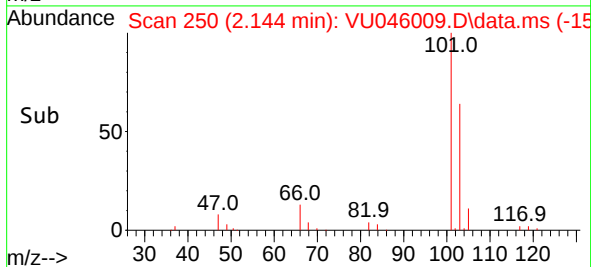
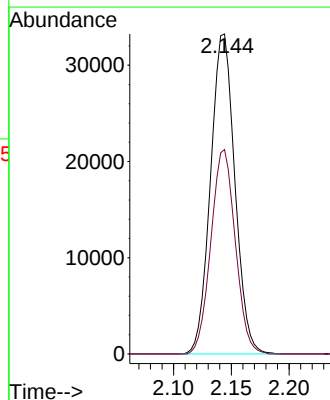
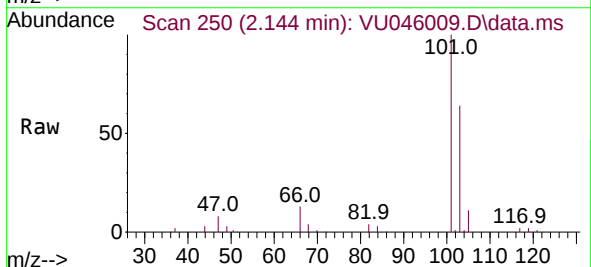
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VSTD005137

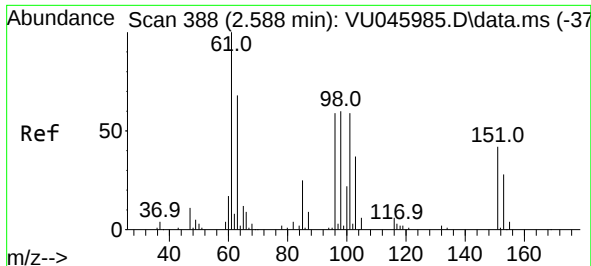
Tgt Ion: 64 Resp: 20590
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:101 Resp: 48722
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

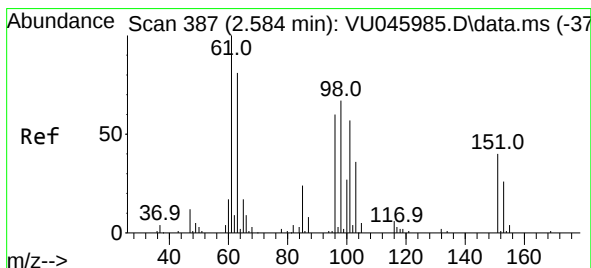
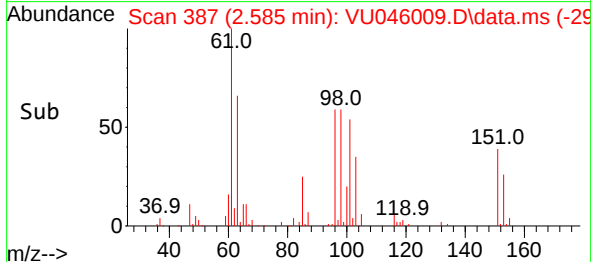
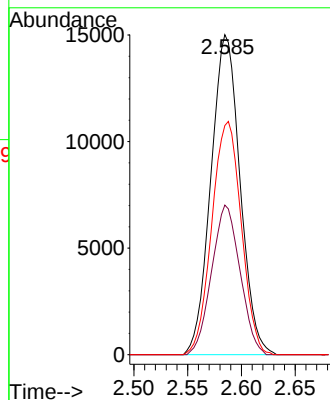
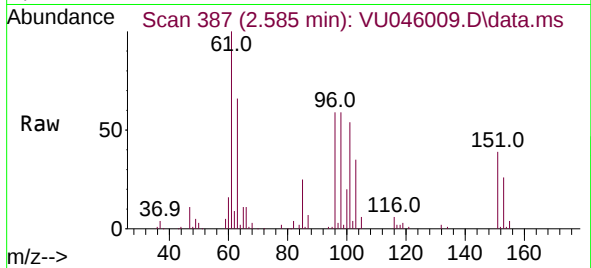




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.752 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

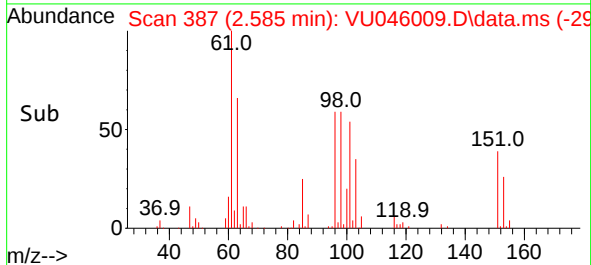
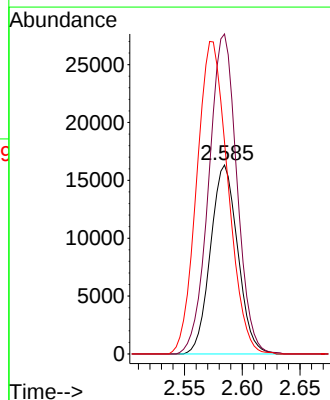
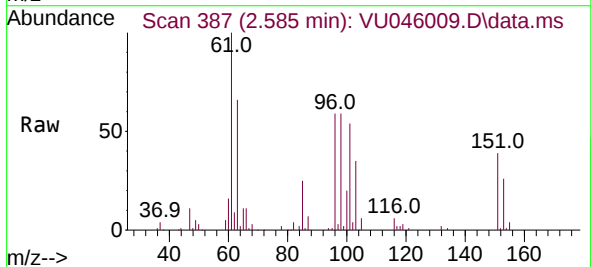
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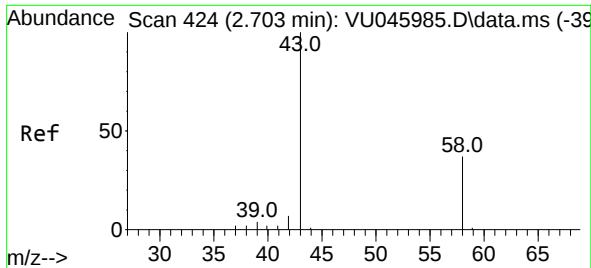
Tgt Ion:101 Resp: 28277
Ion Ratio Lower Upper
101 100
85 45.6 34.6 51.8
151 73.7 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.758 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 96 Resp: 26735
Ion Ratio Lower Upper
96 100
61 169.4 124.7 231.5
63 112.3 105.2 195.4





#13

Acetone

Concen: 52.697 ug/L

RT: 2.681 min Scan# 417

Delta R.T. -0.022 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

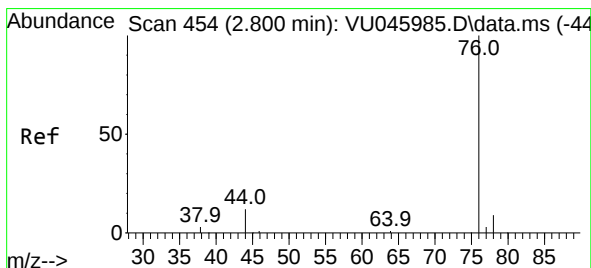
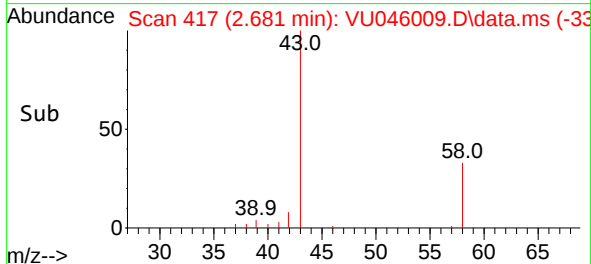
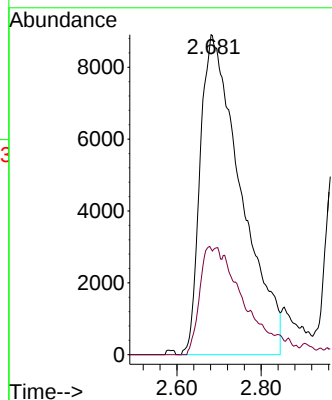
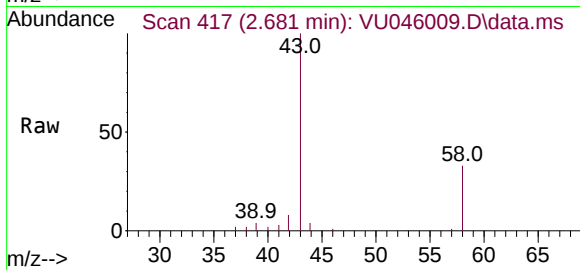
VSTD005137

Tgt Ion: 43 Resp: 59776

Ion Ratio Lower Upper

43 100

58 10.7 0.0 71.6



#14

Carbon disulfide

Concen: 3.948 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046009.D

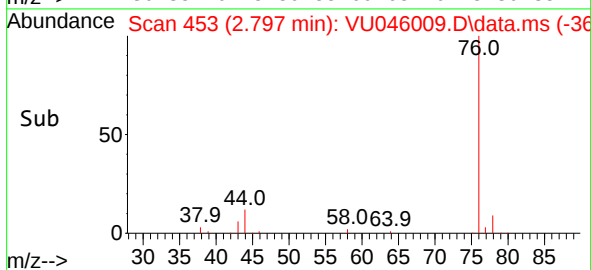
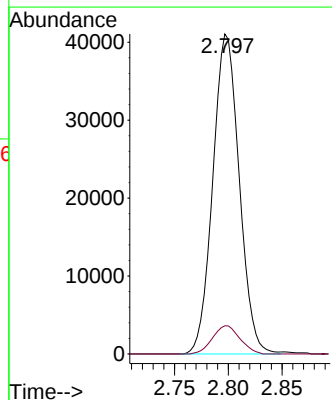
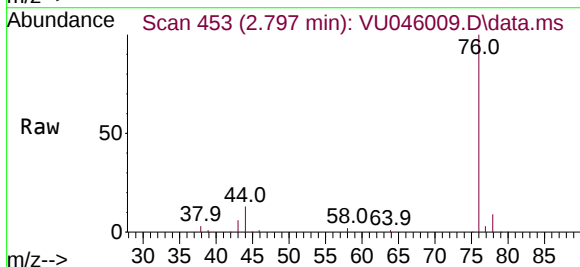
Acq: 26 Nov 2021 10:45

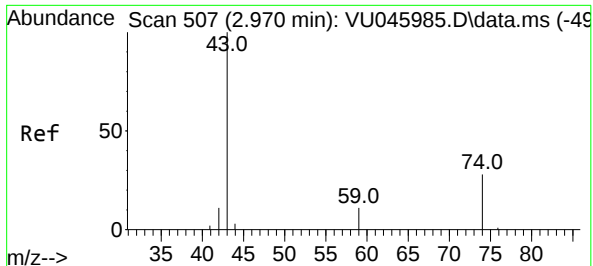
Tgt Ion: 76 Resp: 70166

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

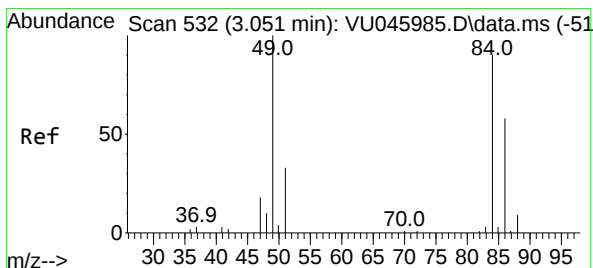
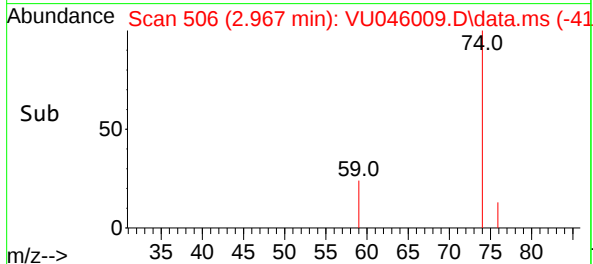
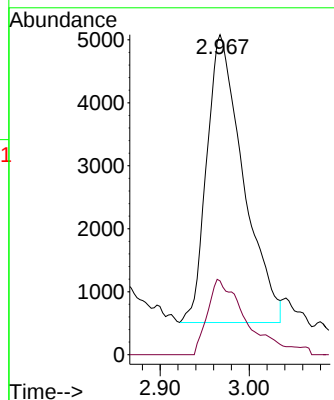
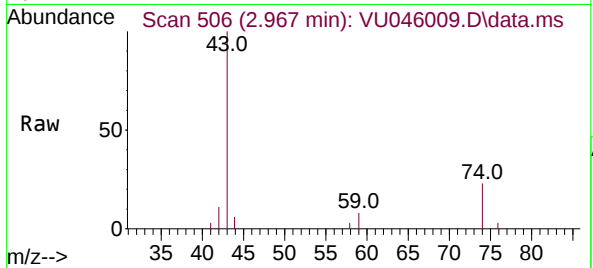




#15
Methyl Acetate
Concen: 4.660 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

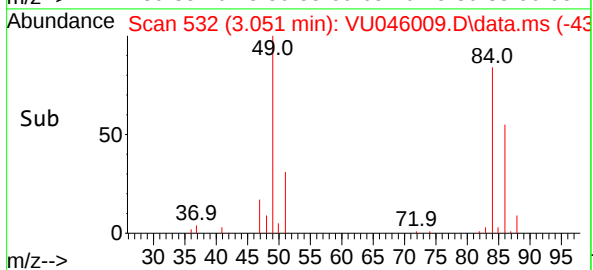
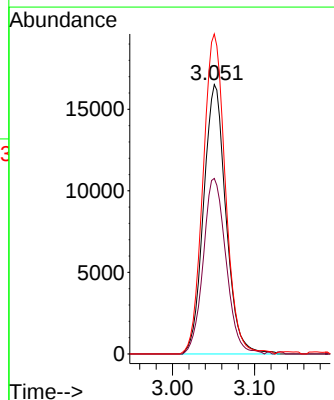
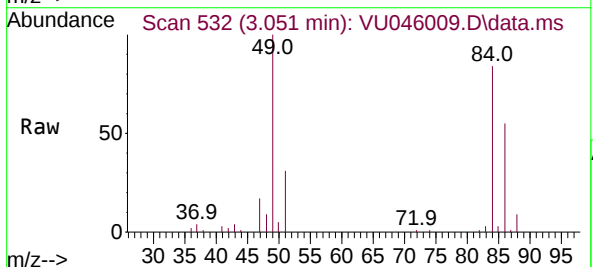
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

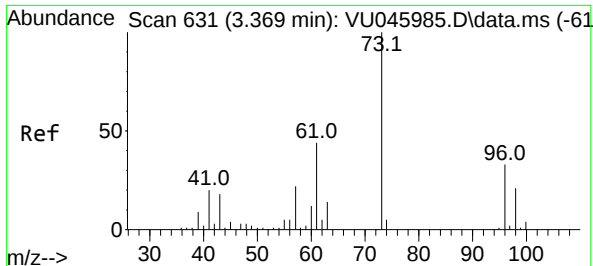
Tgt Ion: 43 Resp: 12970
Ion Ratio Lower Upper
43 100
74 28.0 19.1 28.7



#16
Methylene chloride
Concen: 3.779 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 84 Resp: 31349
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.0
49 118.7 84.5 156.9

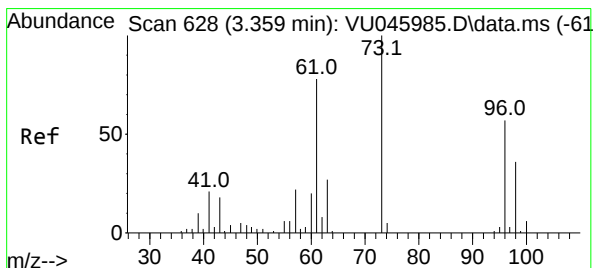
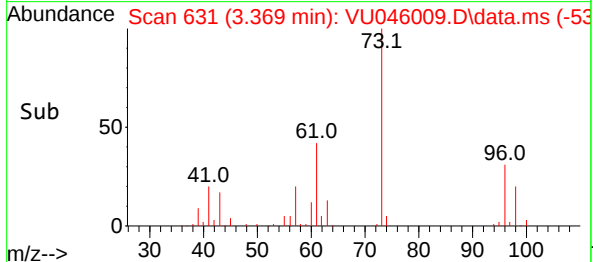
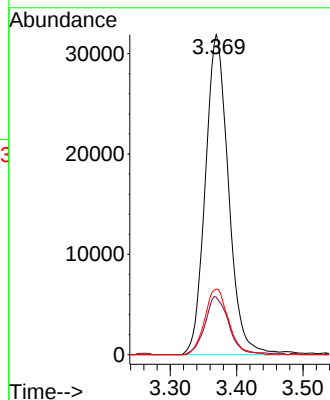
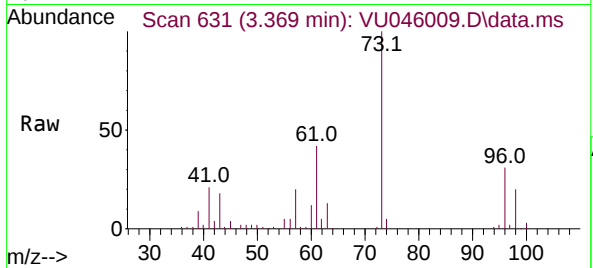




#17
Methyl tert-butyl Ether
Concen: 5.287 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

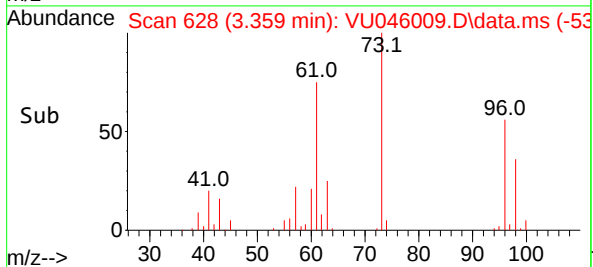
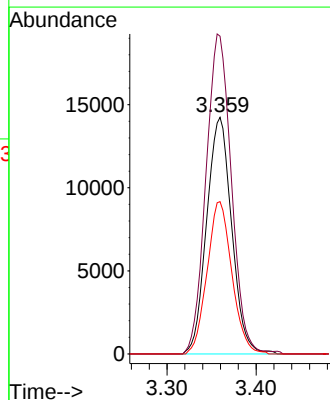
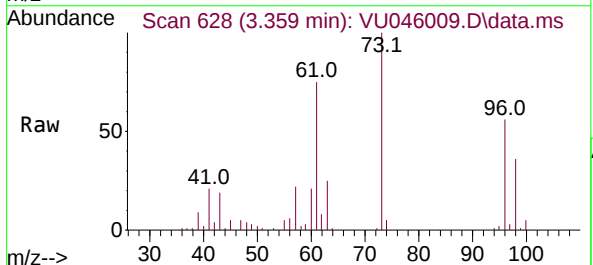
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

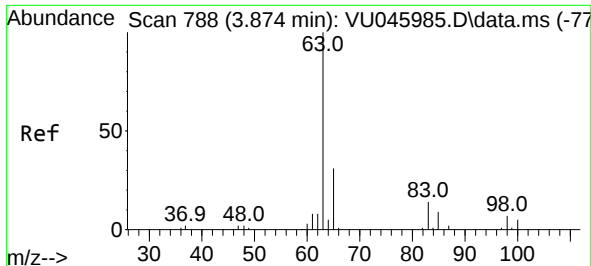
Tgt Ion: 73 Resp: 77330
Ion Ratio Lower Upper
73 100
43 18.7 14.8 22.2
57 21.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.615 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 96 Resp: 27799
Ion Ratio Lower Upper
96 100
61 134.3 100.8 187.2
98 64.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.844 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

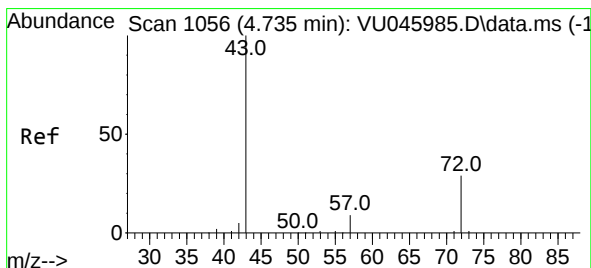
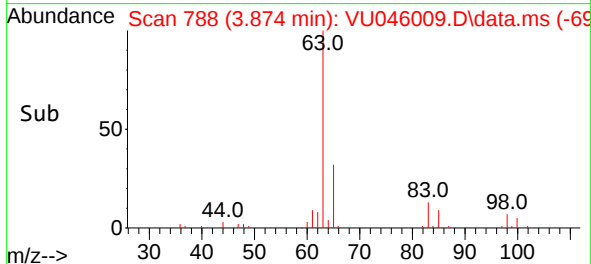
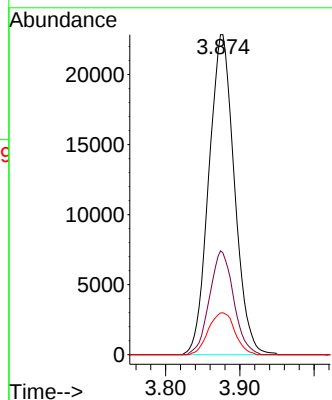
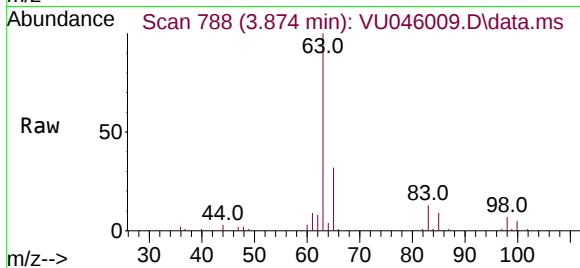
Tgt Ion: 63 Resp: 54658

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.1 9.6 17.8



#21

2-Butanone

Concen: 57.509 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VU046009.D

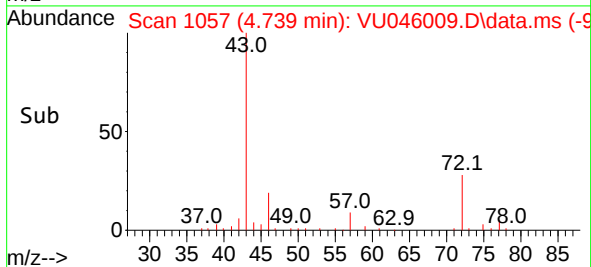
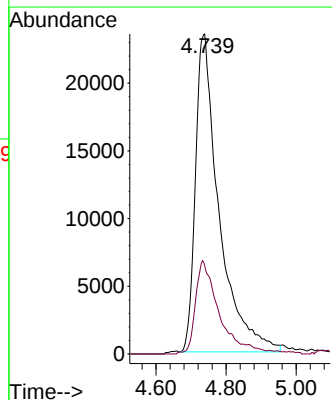
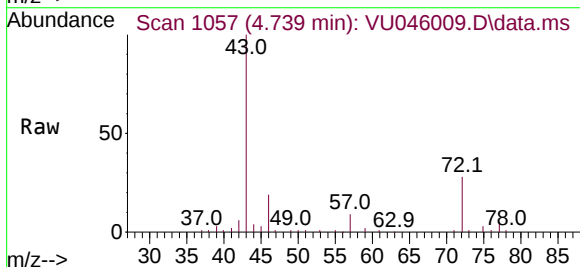
Acq: 26 Nov 2021 10:45

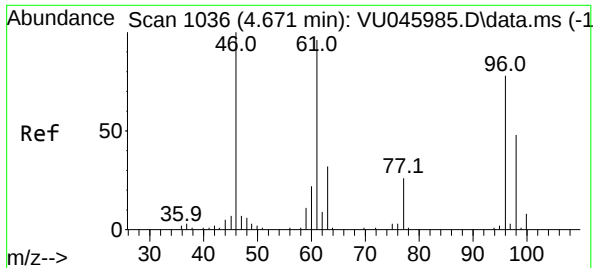
Tgt Ion: 43 Resp: 109759

Ion Ratio Lower Upper

43 100

72 27.9 14.1 42.3

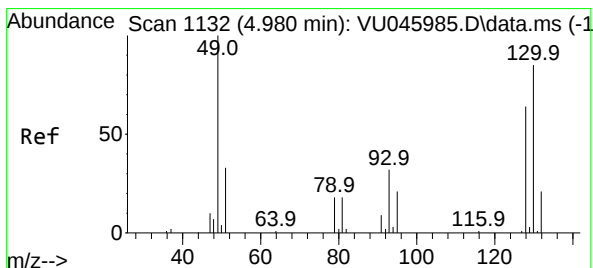
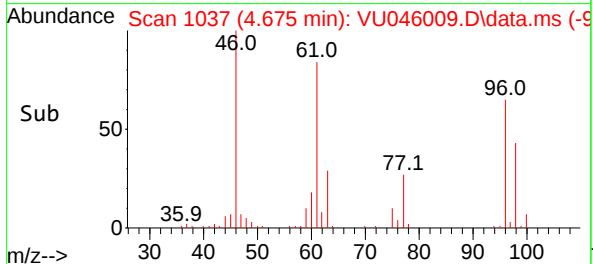
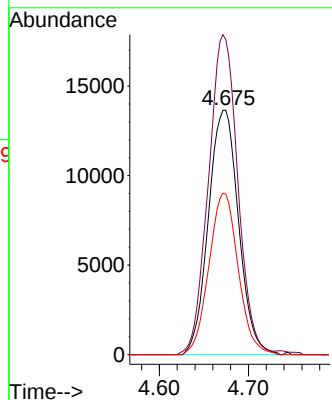
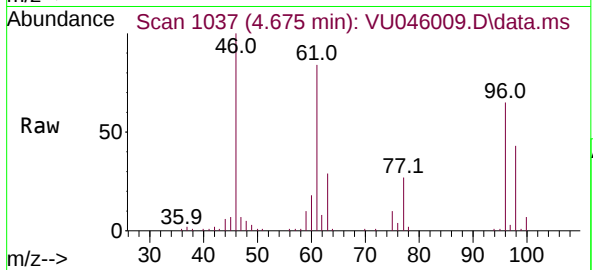




#22
 cis-1,2-Dichloroethene
 Concen: 4.923 ug/L
 RT: 4.675 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

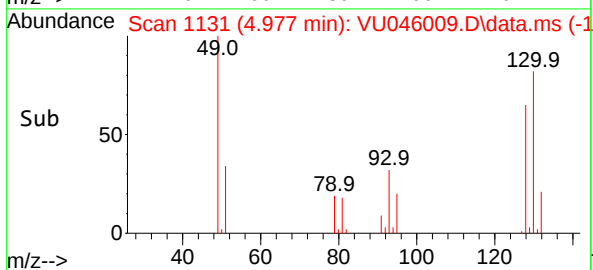
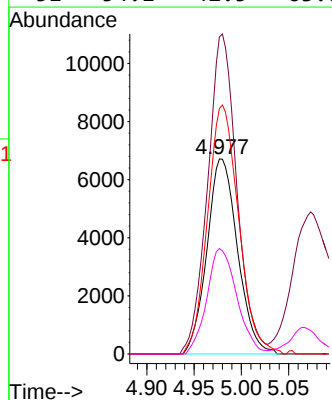
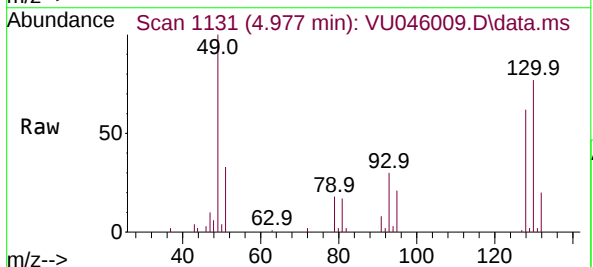
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

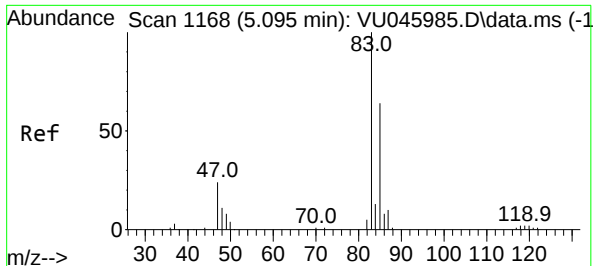
Tgt Ion: 96 Resp: 32148
 Ion Ratio Lower Upper
 96 100
 61 128.8 88.5 164.3
 98 65.6 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.314 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

Tgt Ion: 128 Resp: 15125
 Ion Ratio Lower Upper
 128 100
 49 162.5 117.0 217.2
 130 125.8 88.2 163.8
 51 54.1 42.5 63.7





#25

Chloroform

Concen: 4.822 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

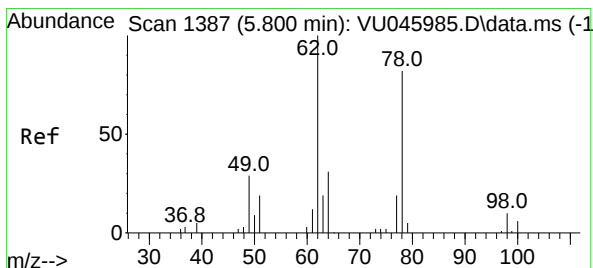
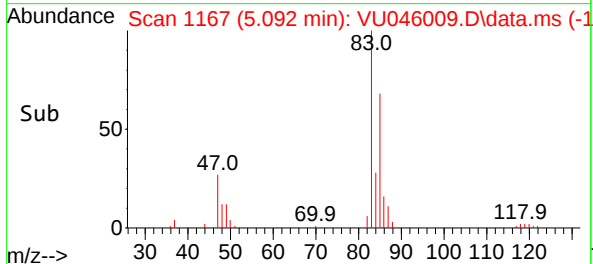
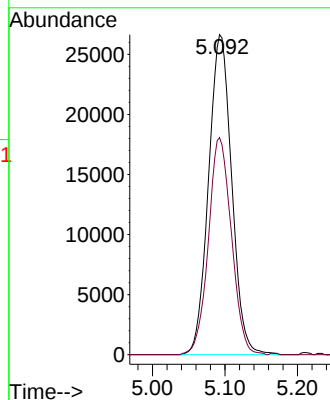
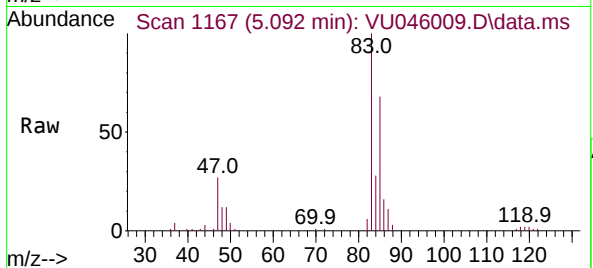
VSTD005137

Tgt Ion: 83 Resp: 59026

Ion Ratio Lower Upper

83 100

85 67.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.973 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046009.D

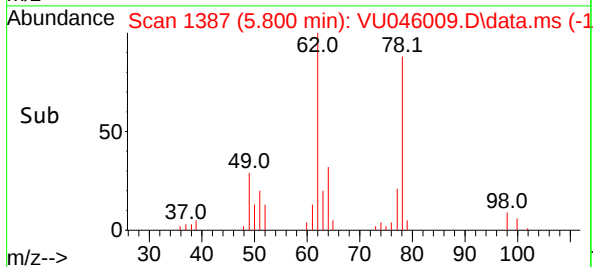
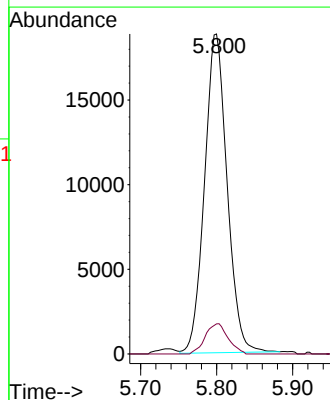
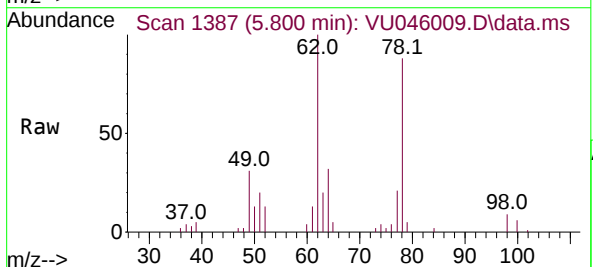
Acq: 26 Nov 2021 10:45

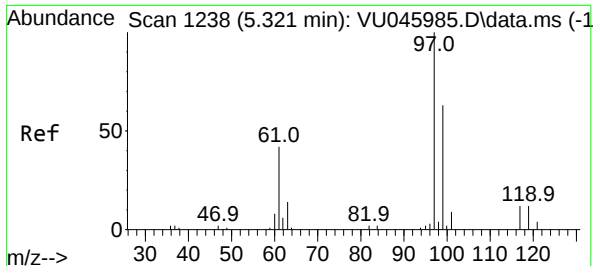
Tgt Ion: 62 Resp: 38842

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8

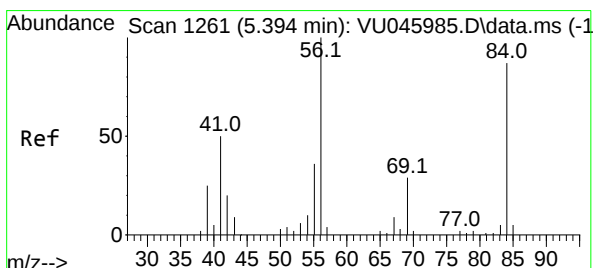
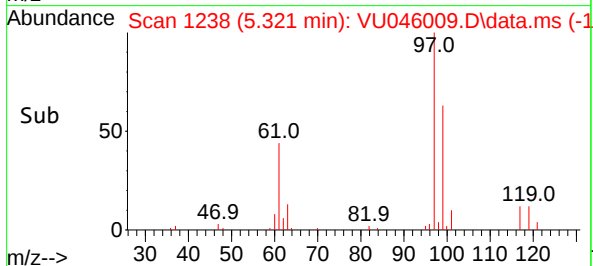
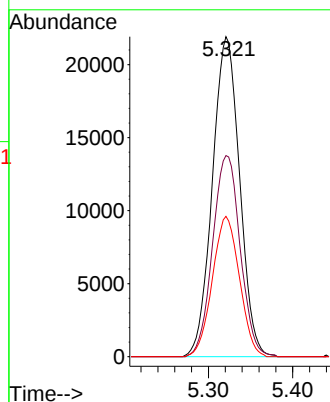
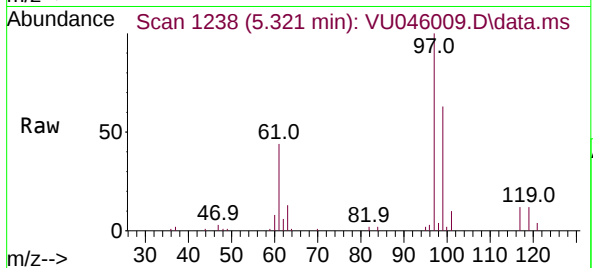




#29
1,1,1-Trichloroethane
Concen: 5.046 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

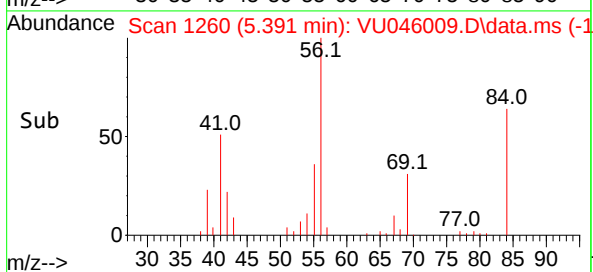
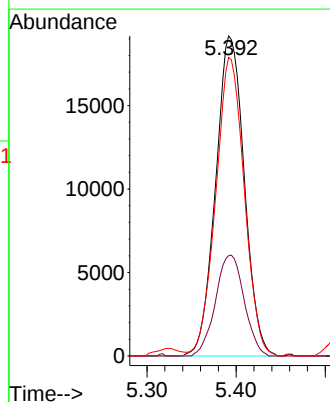
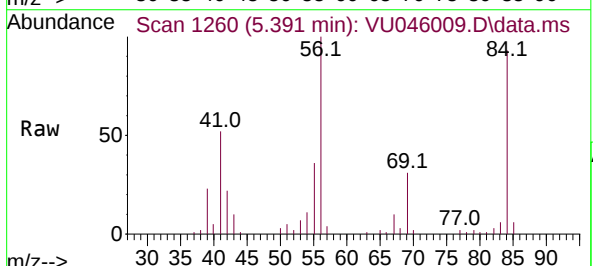
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

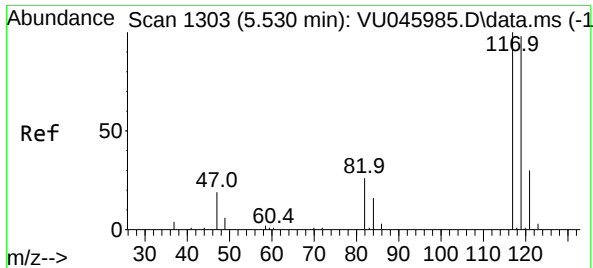
Tgt Ion:	97	Resp:	49195
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	43.6	36.1	54.1



#30
Cyclohexane
Concen: 4.423 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:	56	Resp:	42768
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.7	37.1
84	93.0	71.8	107.6

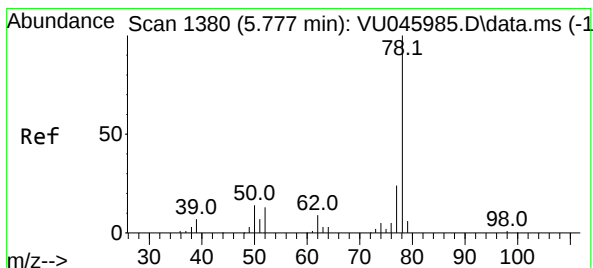
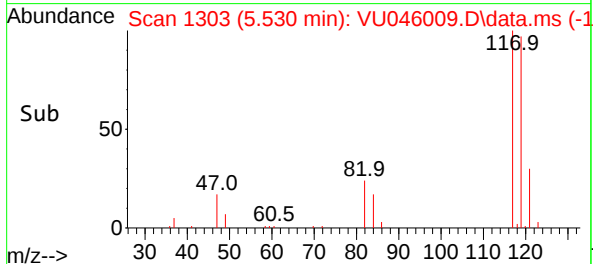
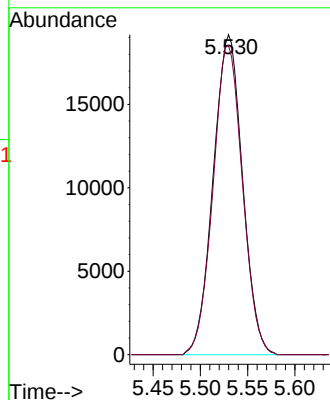
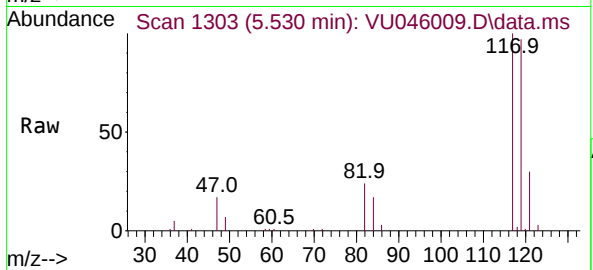




#31
Carbon tetrachloride
Concen: 5.045 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

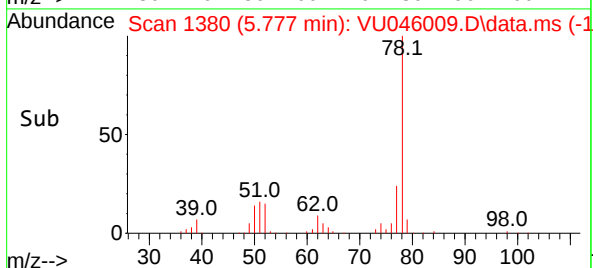
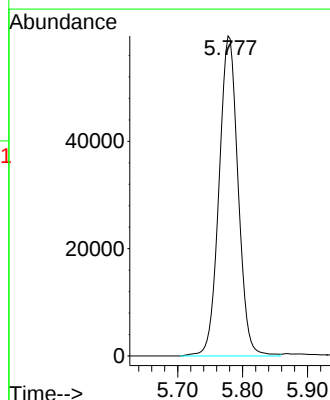
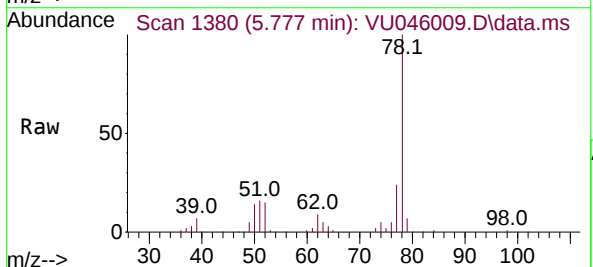
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

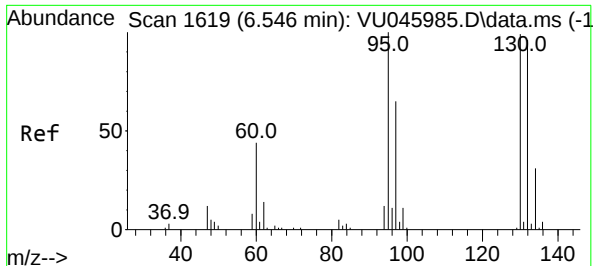
Tgt Ion:117 Resp: 41365
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 4.840 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 78 Resp: 121201

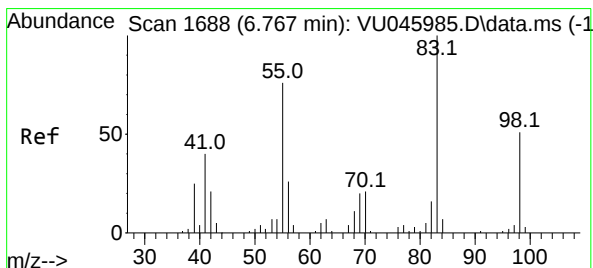
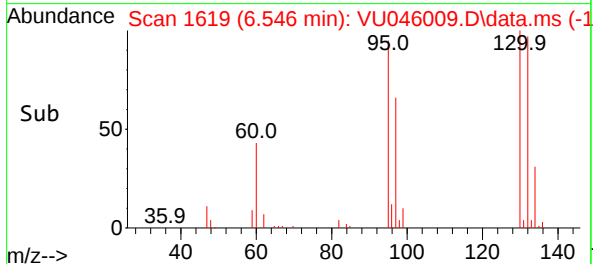
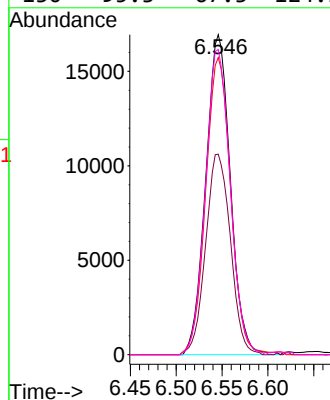
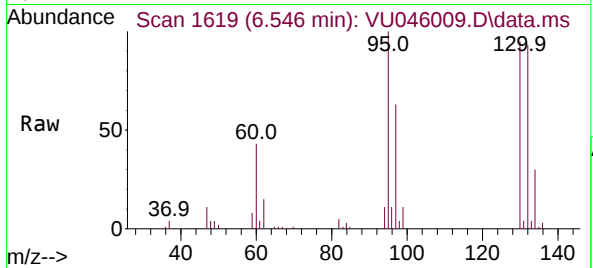




#34
Trichloroethene
Concen: 4.917 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

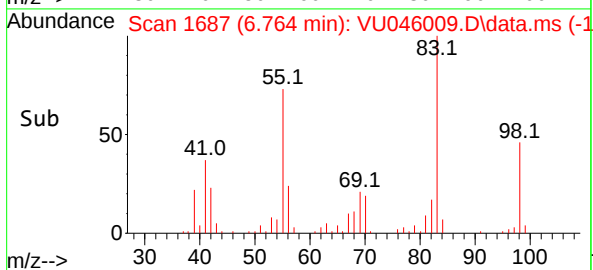
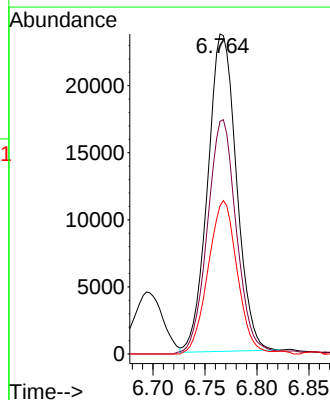
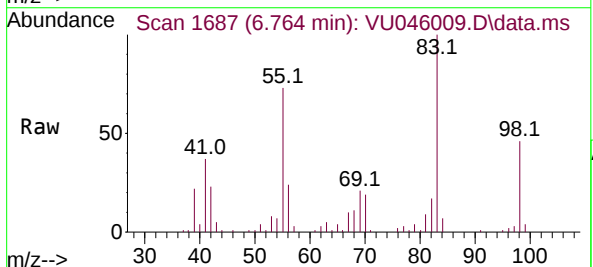
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

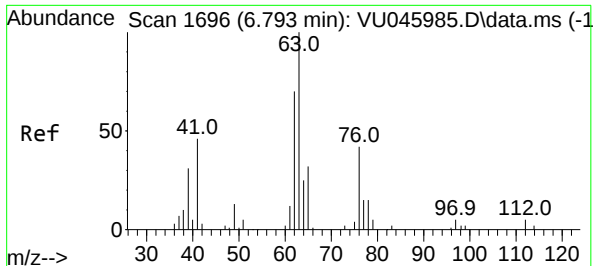
Tgt Ion: 95 Resp: 31734
Ion Ratio Lower Upper
95 100
97 62.6 46.5 86.5
132 92.9 65.1 120.9
130 95.3 67.3 124.9



#35
Methylcyclohexane
Concen: 4.600 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 83 Resp: 45589
Ion Ratio Lower Upper
83 100
55 75.2 61.9 92.9
98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.940 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

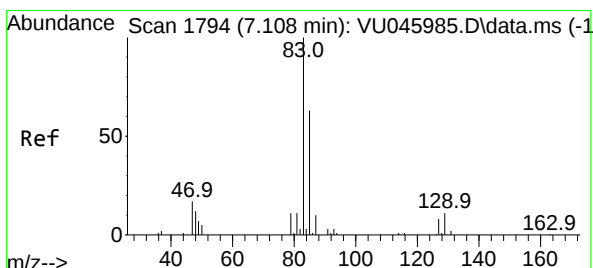
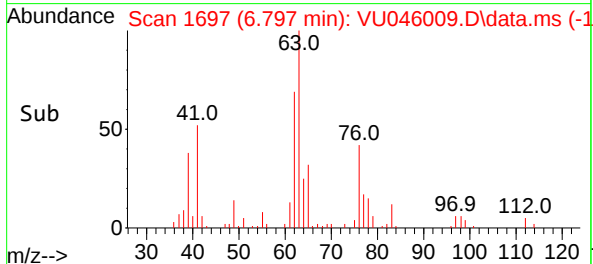
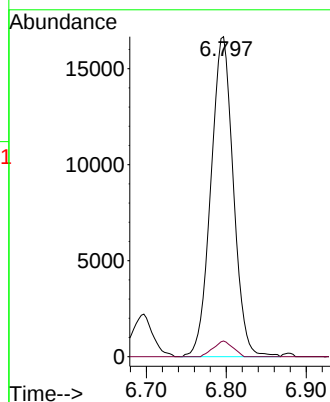
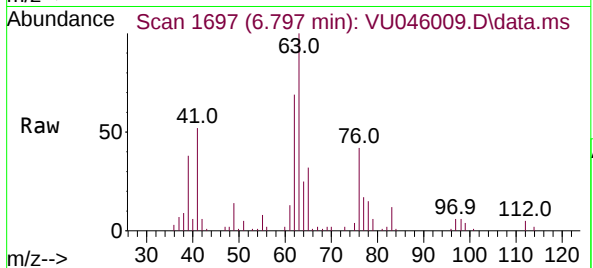
VSTD005137

Tgt Ion: 63 Resp: 32551

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.159 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

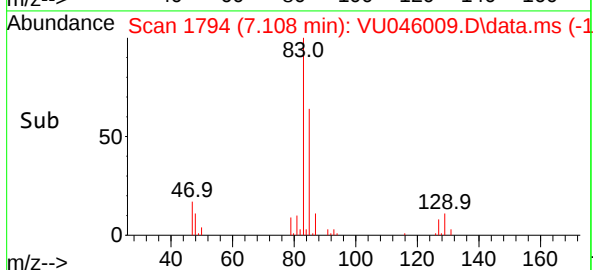
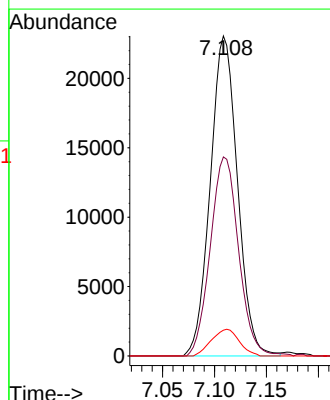
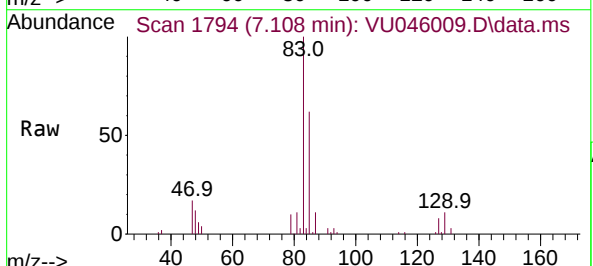
Tgt Ion: 83 Resp: 41950

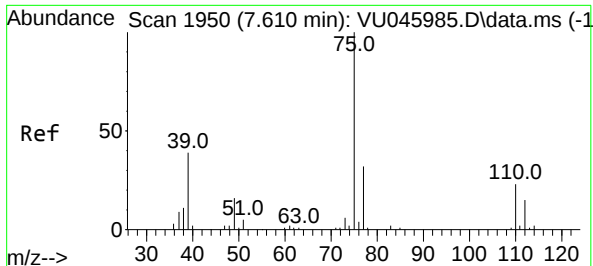
Ion Ratio Lower Upper

83 100

85 62.2 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.921 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

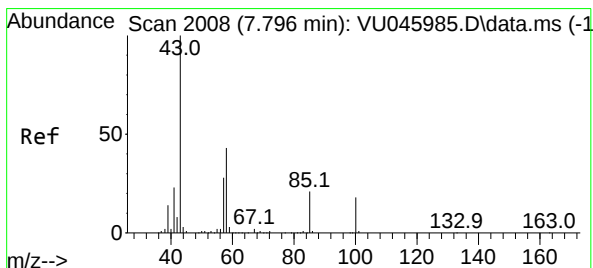
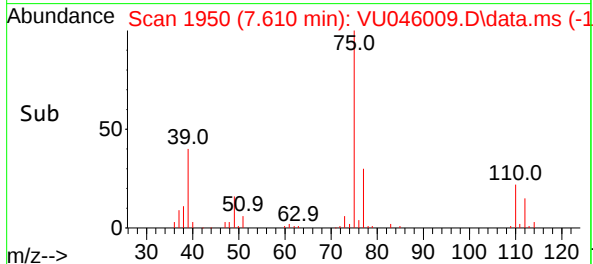
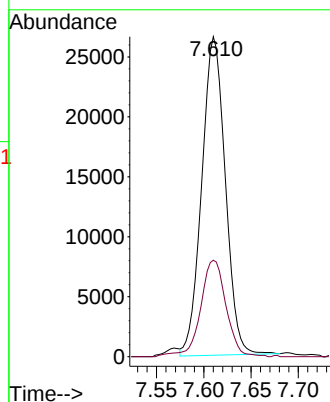
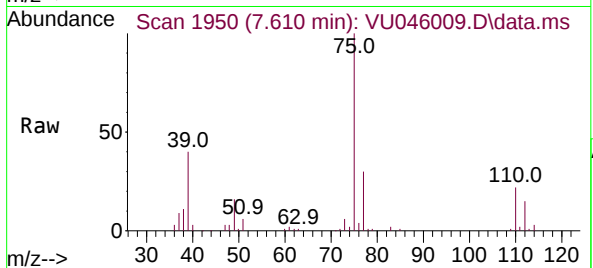
VSTD005137

Tgt Ion: 75 Resp: 46086

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.580 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

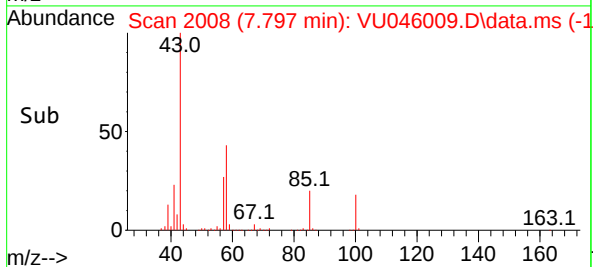
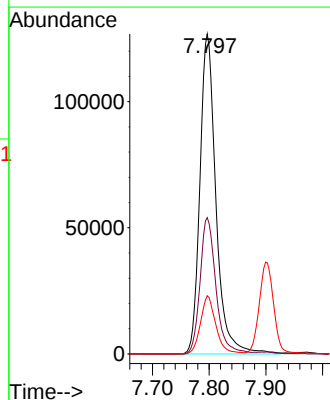
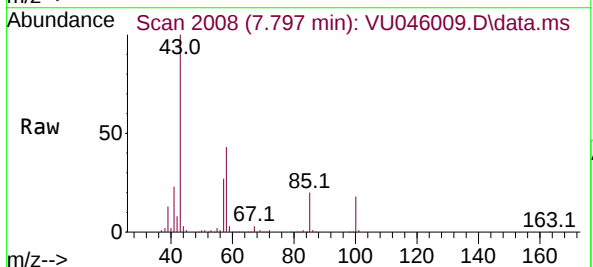
Tgt Ion: 43 Resp: 248883

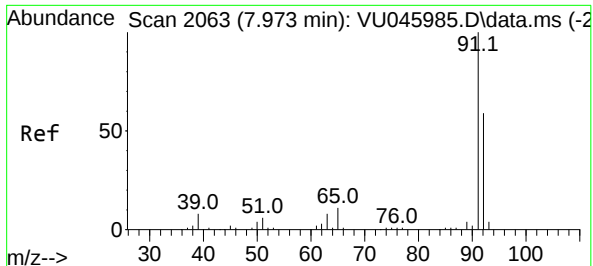
Ion Ratio Lower Upper

43 100

58 42.3 33.1 49.7

100 17.4 13.2 19.8





#42

Toluene

Concen: 5.089 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

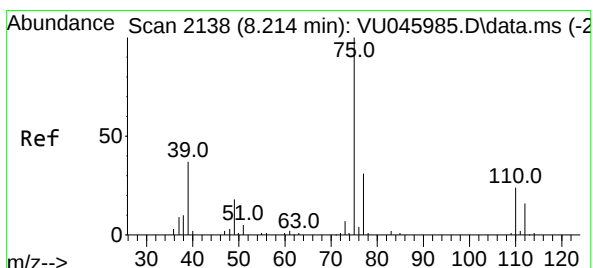
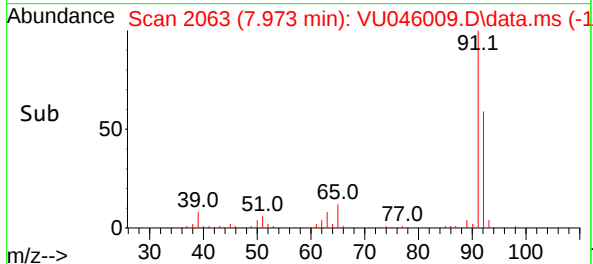
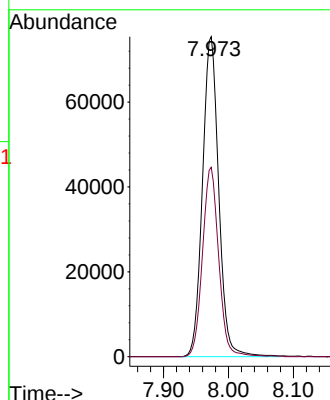
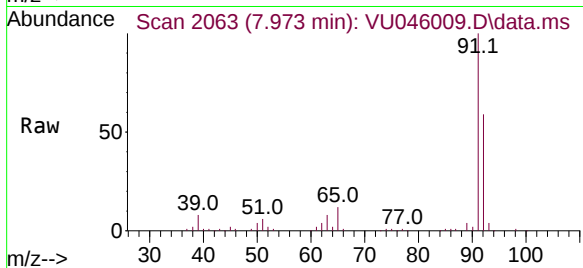
VSTD005137

Tgt Ion: 91 Resp: 131548

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.317 ug/L

RT: 8.215 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU046009.D

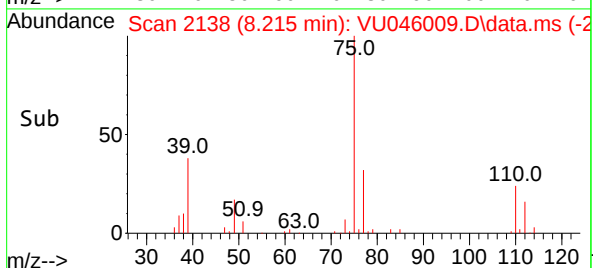
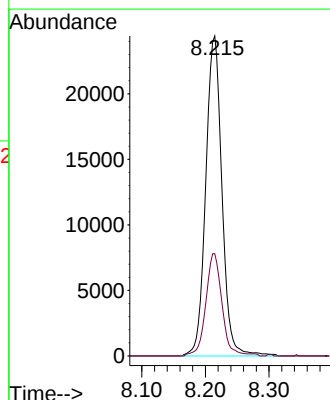
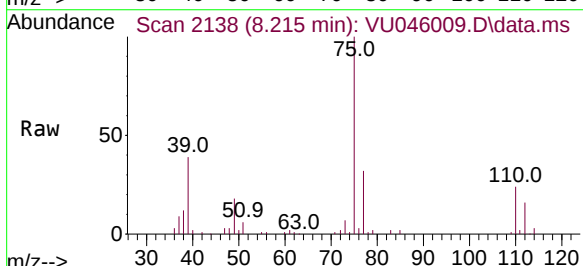
Acq: 26 Nov 2021 10:45

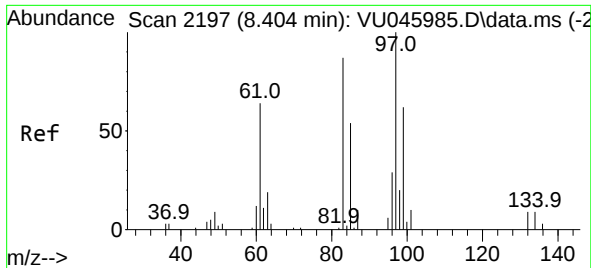
Tgt Ion: 75 Resp: 43317

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3

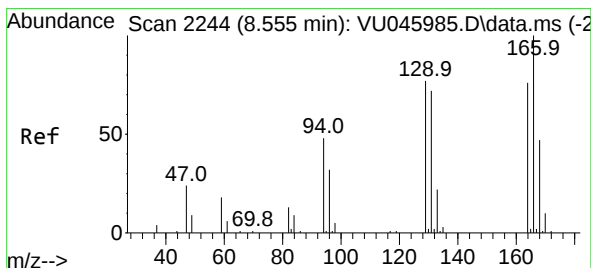
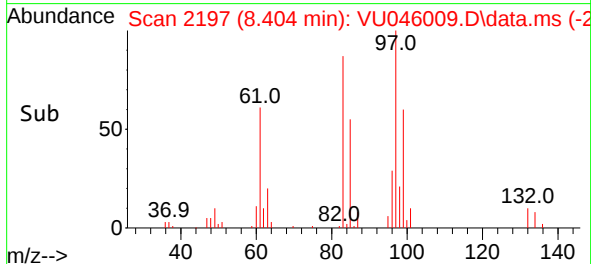
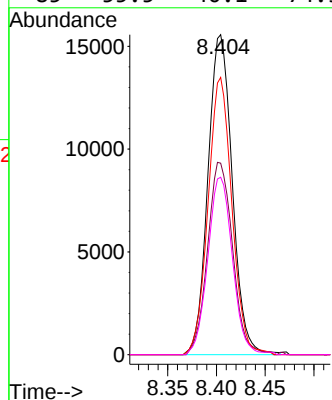
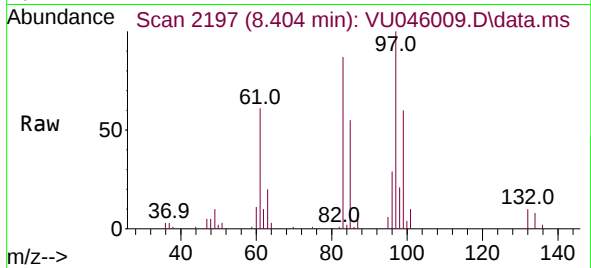




#45
1,1,2-Trichloroethane
Concen: 5.527 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

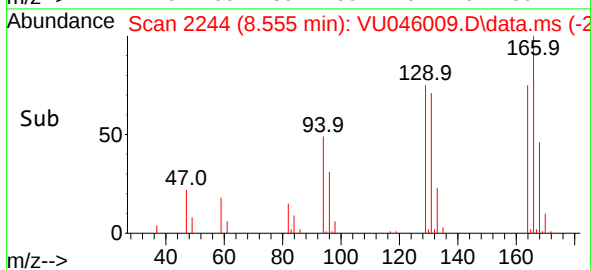
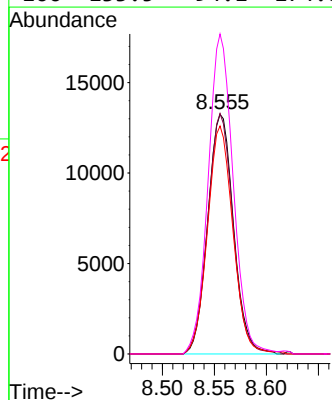
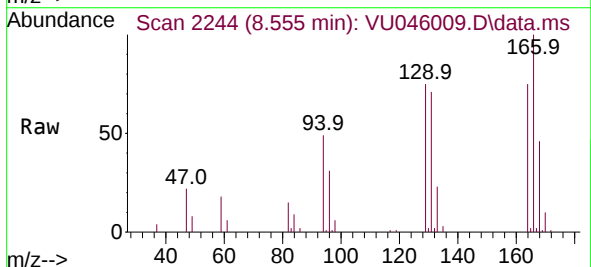
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

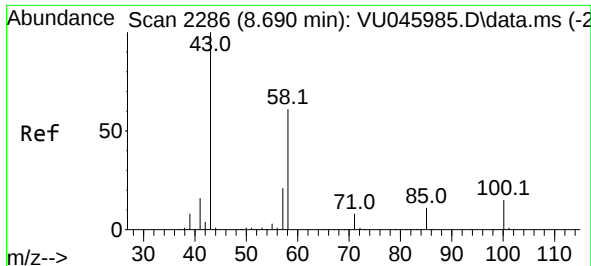
Tgt Ion: 97	Resp: 27041
Ion Ratio	Lower Upper
97 100	
99 59.9	42.3 78.5
83 86.6	62.0 115.2
85 55.5	40.1 74.5



#47
Tetrachloroethene
Concen: 5.055 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt	Ion:164	Resp:	22839
Ion	Ratio	Lower	Upper
164	100		
129	100.4	71.8	133.4
131	95.1	68.5	127.3
166	133.5	94.1	174.8



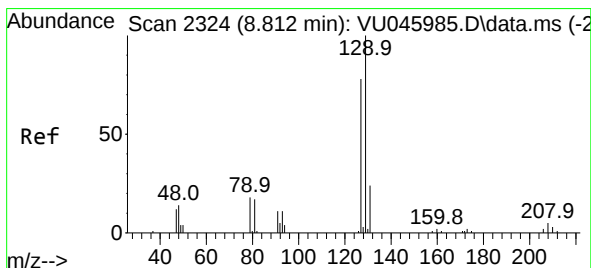
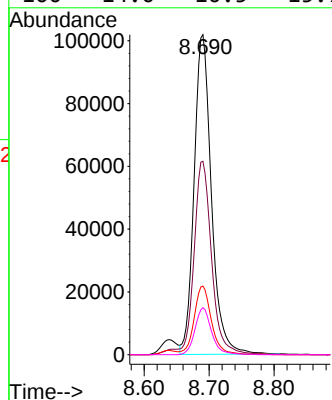
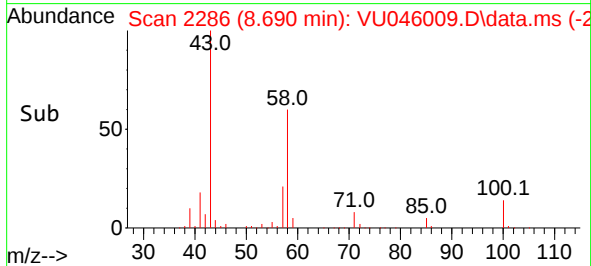
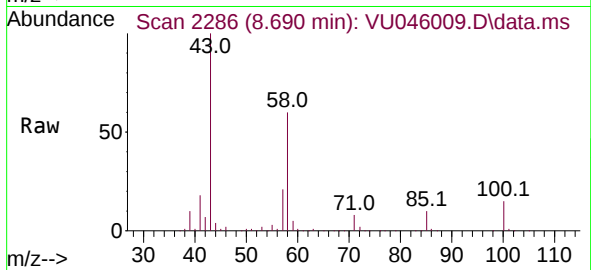


#48
2-Hexanone
Concen: 60.630 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Tgt Ion: 43 Resp: 189322

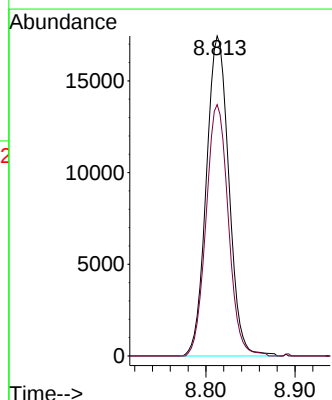
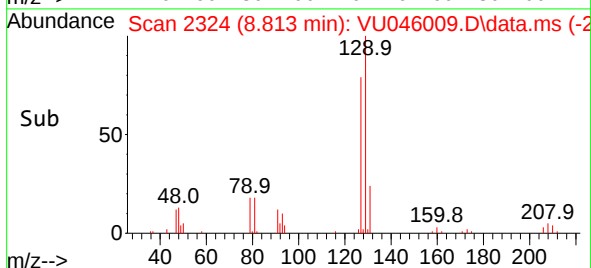
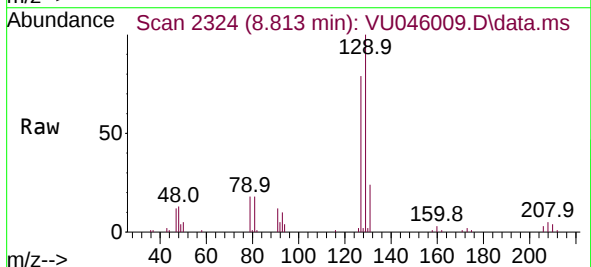
Ion	Ratio	Lower	Upper
43	100		
58	59.7	46.7	70.1
57	21.3	16.3	24.5
100	14.0	10.5	15.7

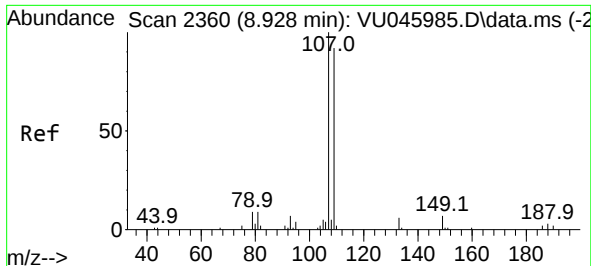


#49
Dibromochloromethane
Concen: 5.506 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 129 Resp: 30682

Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.4	102.8

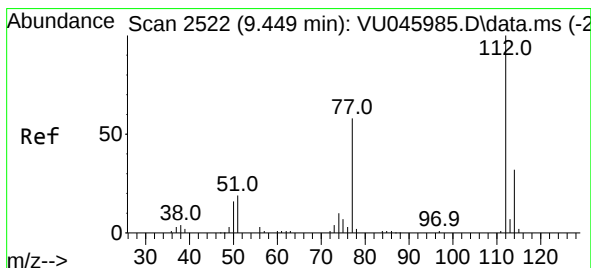
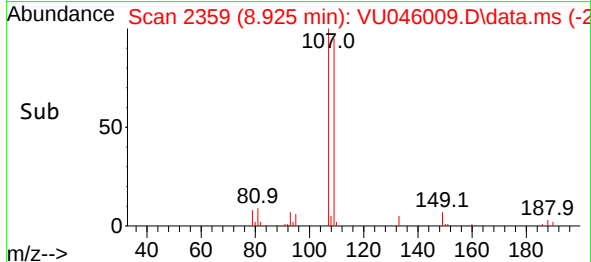
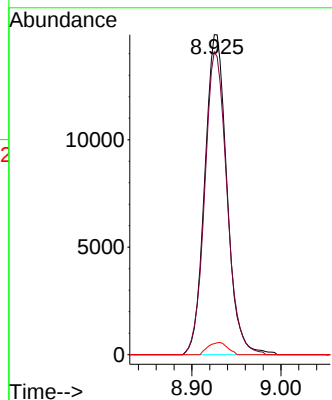
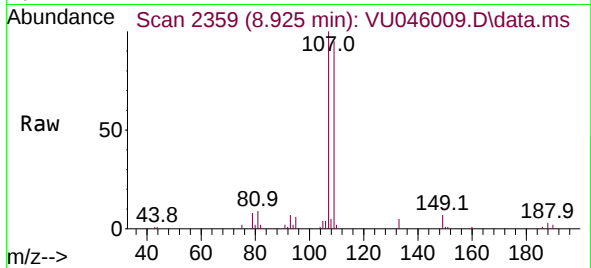




#50
1,2-Dibromoethane
Concen: 5.575 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

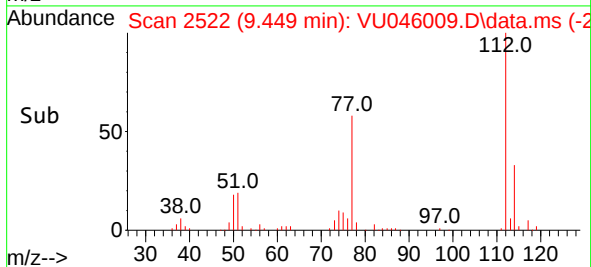
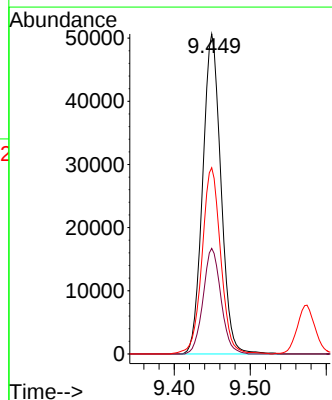
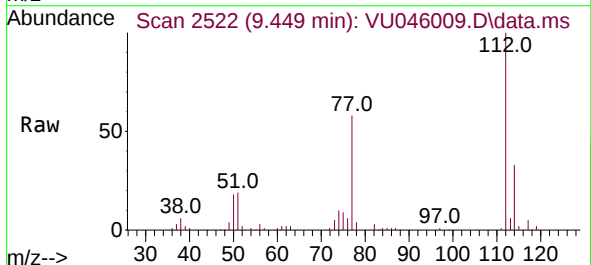
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

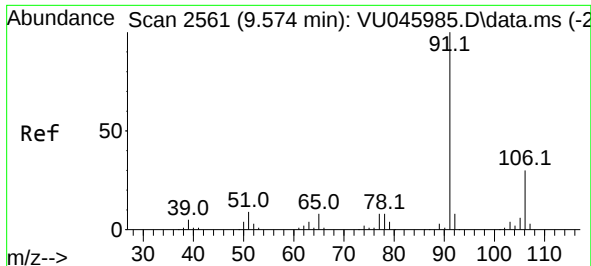
Tgt Ion:107 Resp: 25696
Ion Ratio Lower Upper
107 100
109 94.6 64.0 119.0
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 5.203 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:112 Resp: 84363
Ion Ratio Lower Upper
112 100
114 33.0 22.1 41.1
77 58.2 48.3 72.5

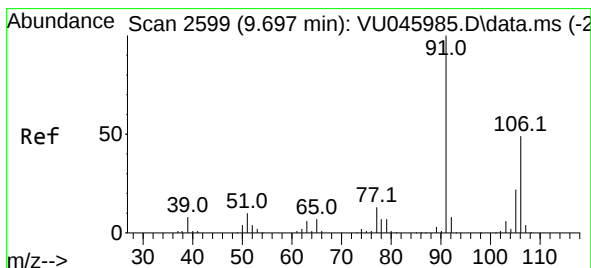
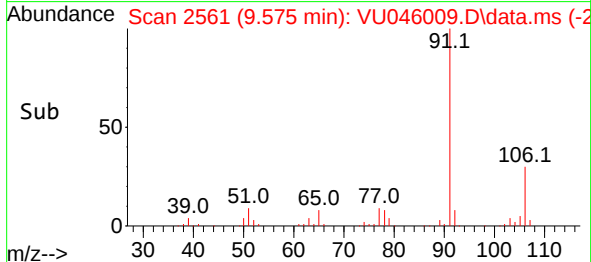
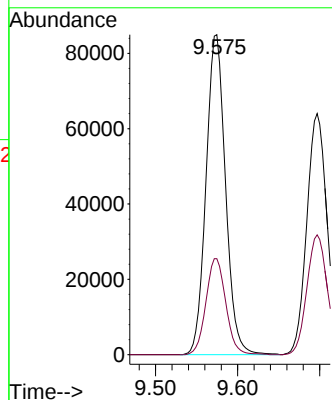
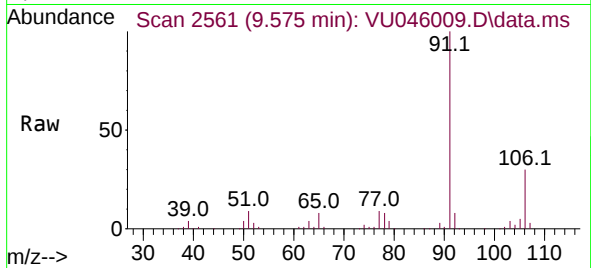




#52
Ethylbenzene
Concen: 5.183 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

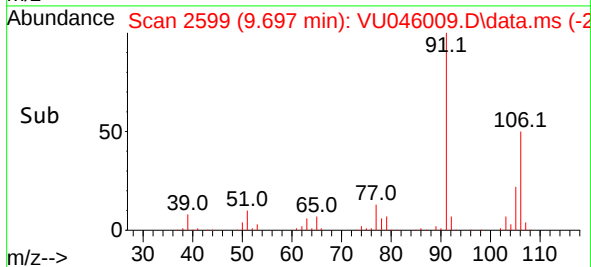
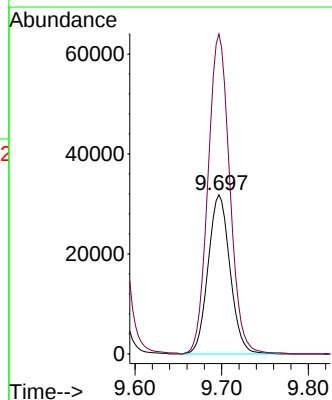
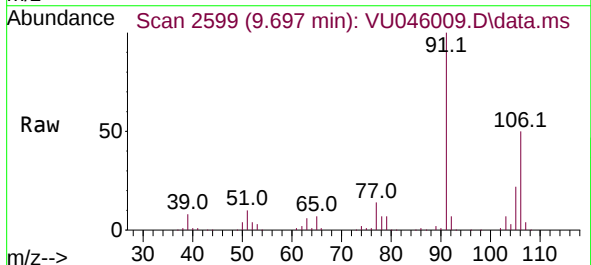
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

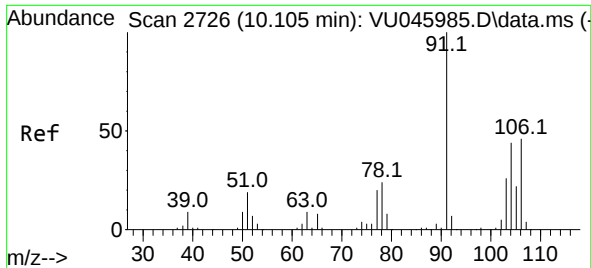
Tgt Ion: 91 Resp: 140221
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.395 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 106 Resp: 55913
Ion Ratio Lower Upper
106 100
91 201.1 139.4 259.0

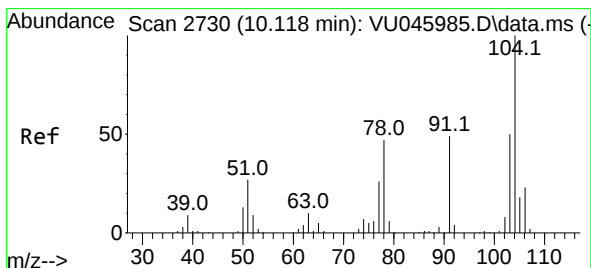
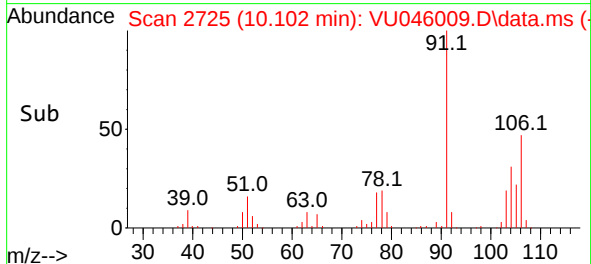
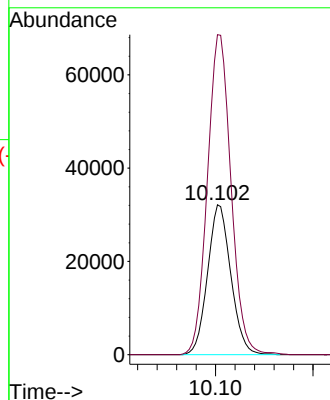
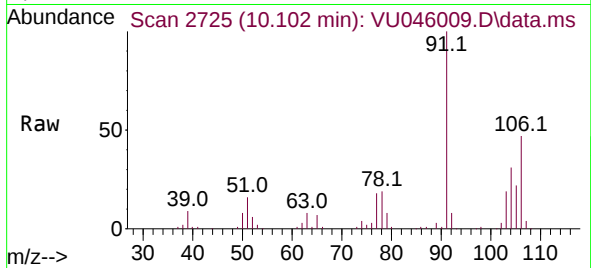




#54
o-Xylene
Concen: 5.327 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

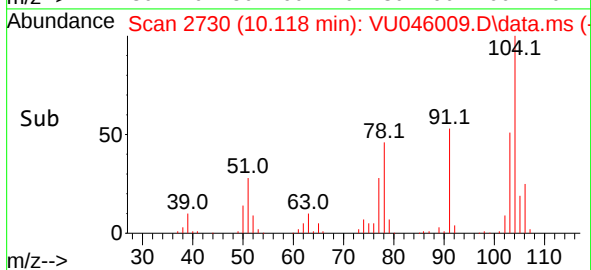
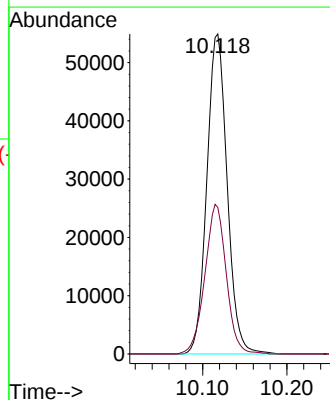
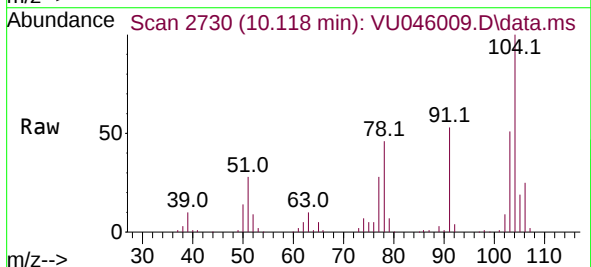
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

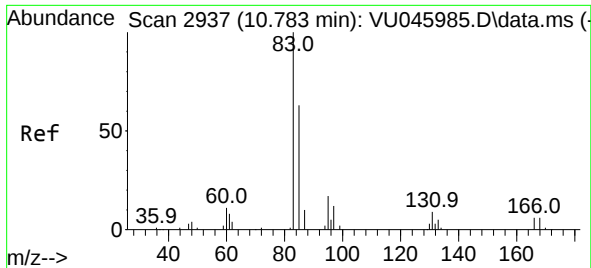
Tgt Ion:106 Resp: 53280
Ion Ratio Lower Upper
106 100
91 213.5 147.5 273.9



#55
Styrene
Concen: 5.473 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:104 Resp: 92151
Ion Ratio Lower Upper
104 100
78 45.8 33.0 61.4

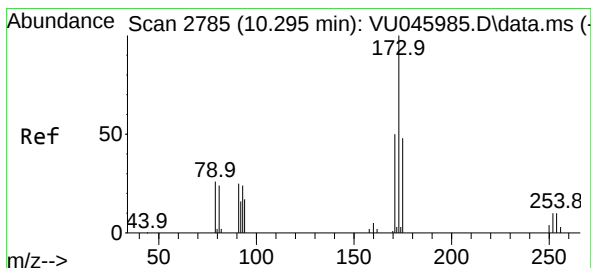
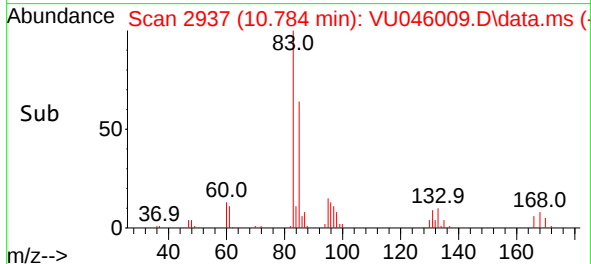
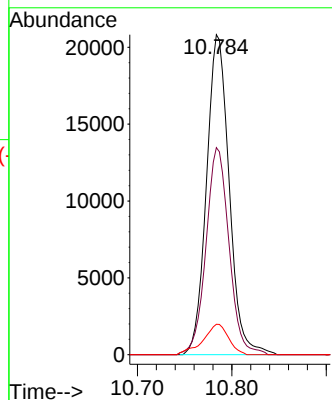
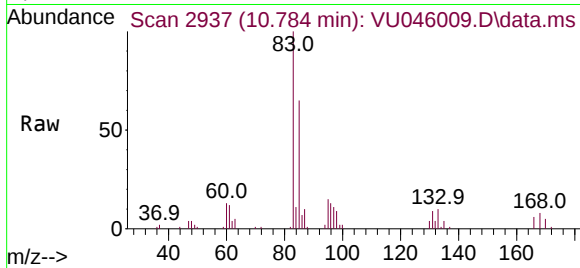




#57
1,1,2,2-Tetrachloroethane
Concen: 5.534 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

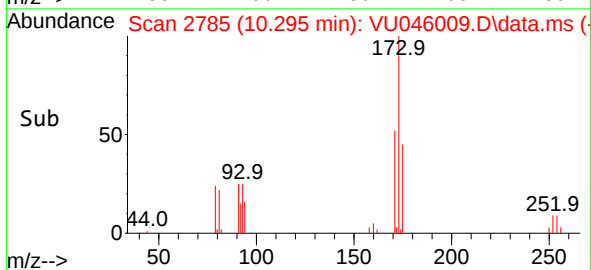
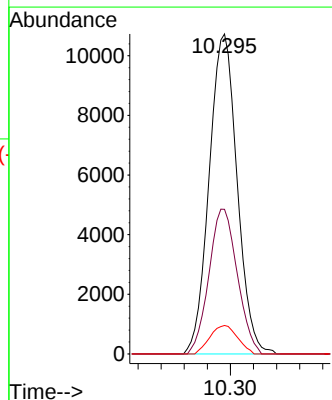
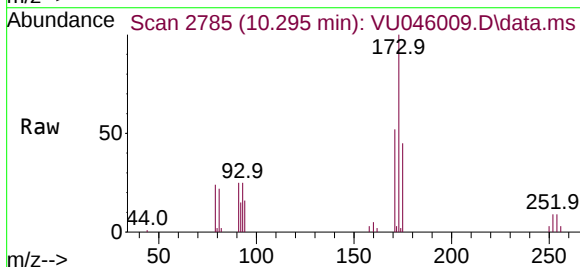
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

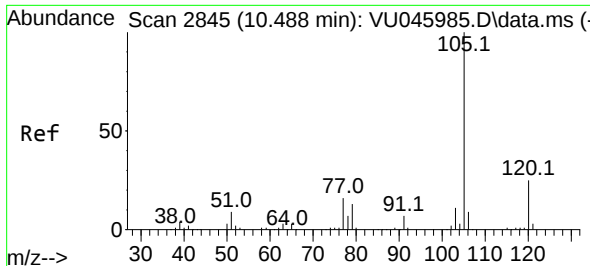
Tgt Ion: 83 Resp: 34676
Ion Ratio Lower Upper
83 100
85 64.7 47.9 89.1
131 9.5 8.1 12.1



#59
Bromoform
Concen: 5.808 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 173 Resp: 18012
Ion Ratio Lower Upper
173 100
175 45.9 37.8 56.6
254 8.8 7.3 10.9

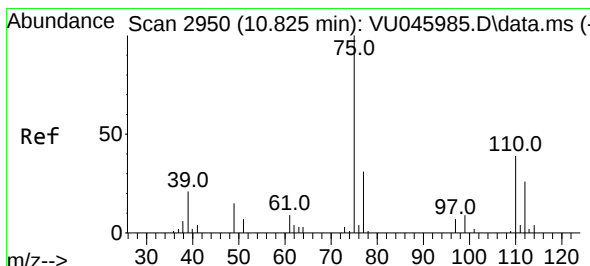
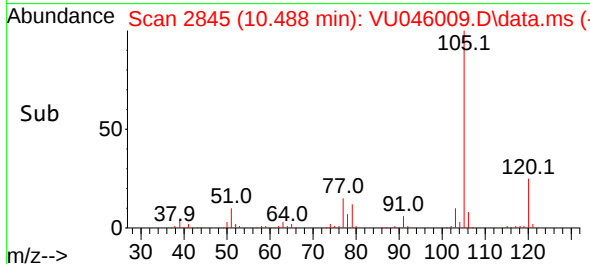
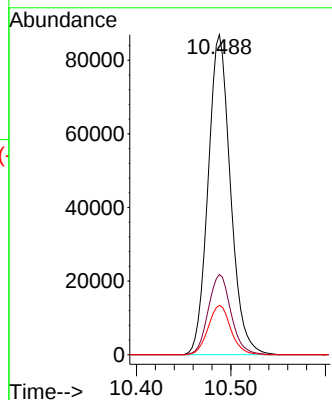
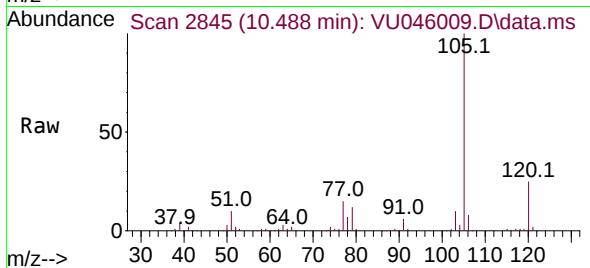




#60
Isopropylbenzene
Concen: 5.193 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

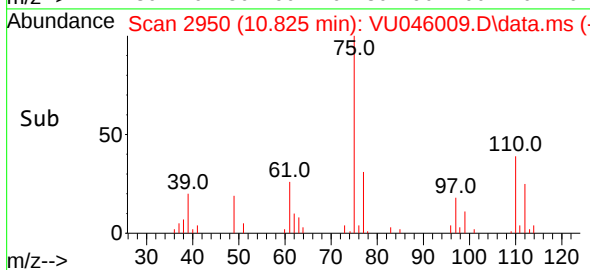
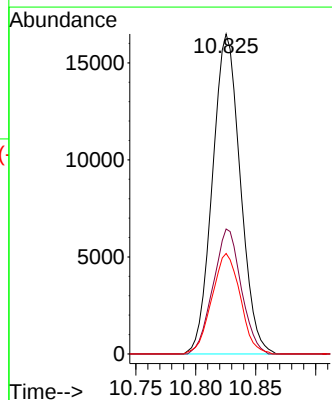
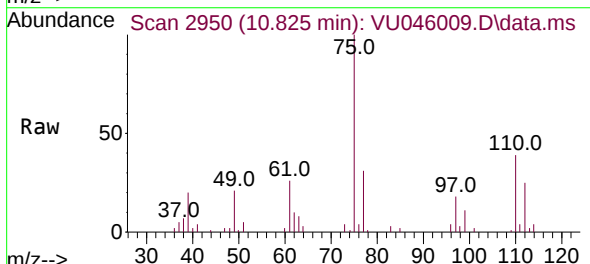
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

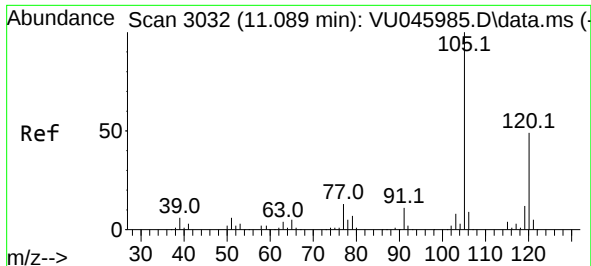
Tgt Ion:105 Resp: 142762
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.463 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion: 75 Resp: 26556
Ion Ratio Lower Upper
75 100
110 39.4 29.9 44.9
77 32.1 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.165 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

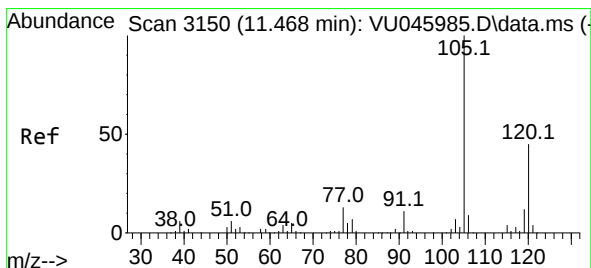
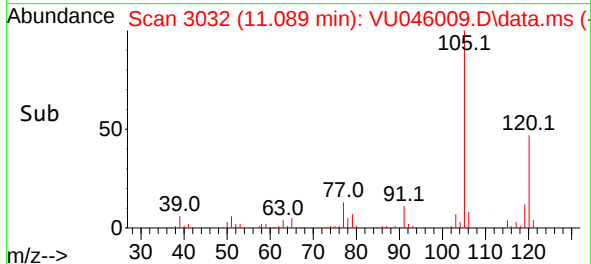
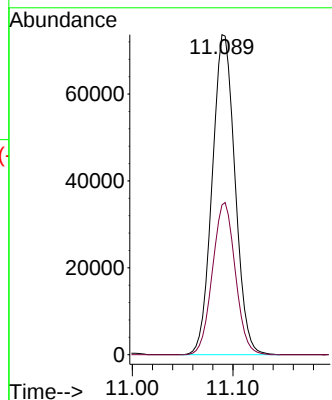
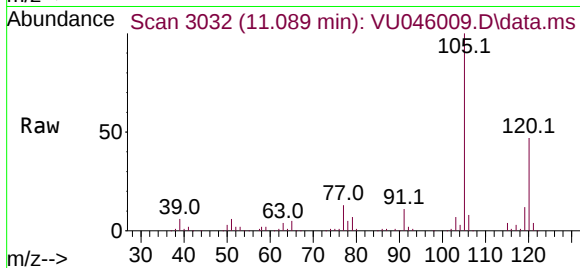
VSTD005137

Tgt Ion:105 Resp: 116099

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.259 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046009.D

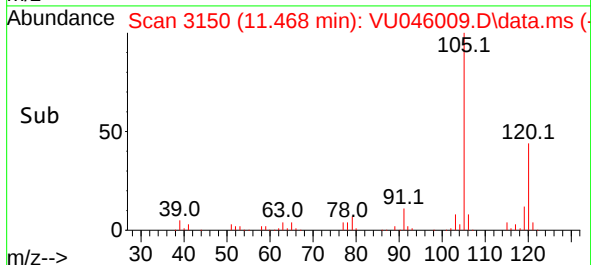
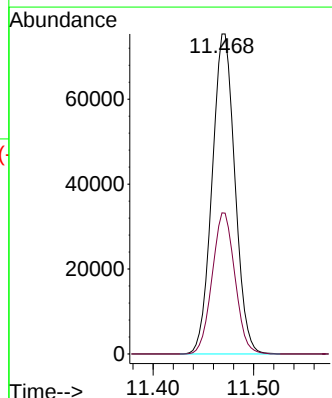
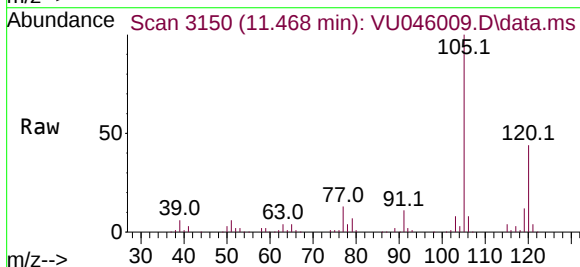
Acq: 26 Nov 2021 10:45

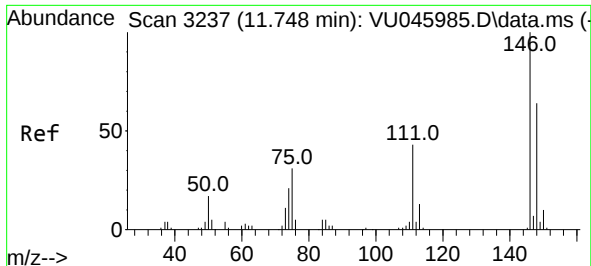
Tgt Ion:105 Resp: 118429

Ion Ratio Lower Upper

105 100

120 44.1 35.8 53.8

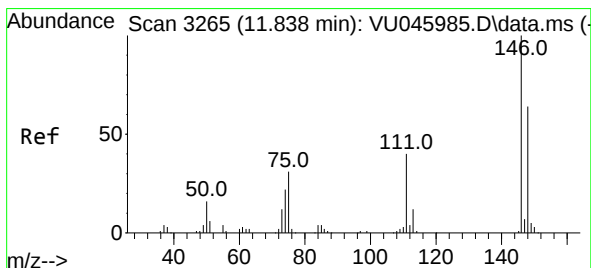
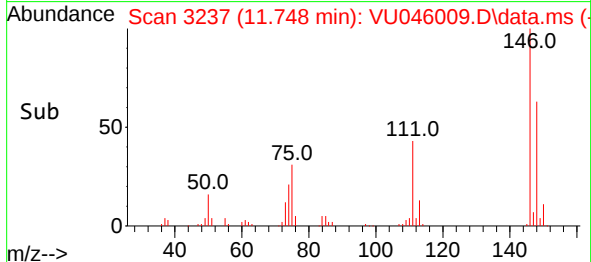
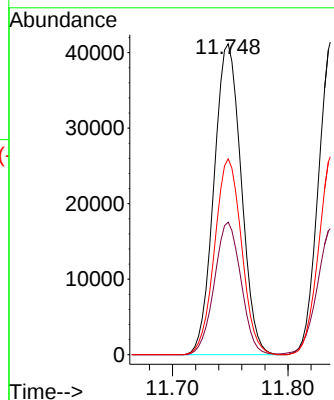
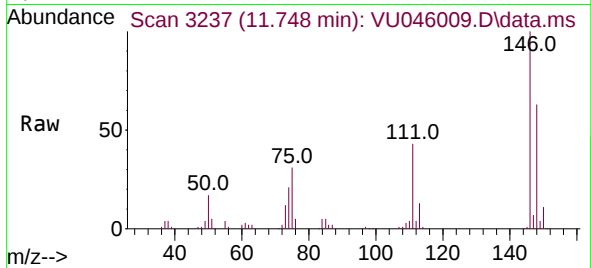




#64
1,3-Dichlorobenzene
Concen: 5.258 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

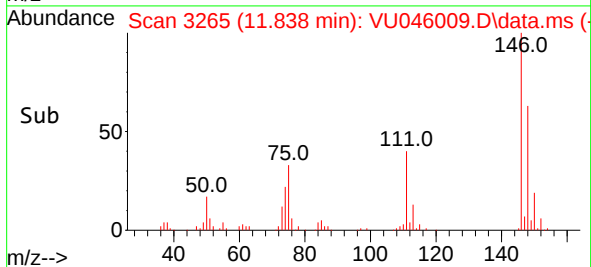
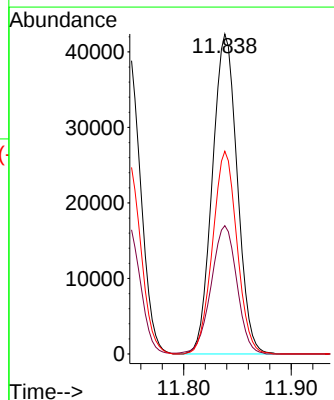
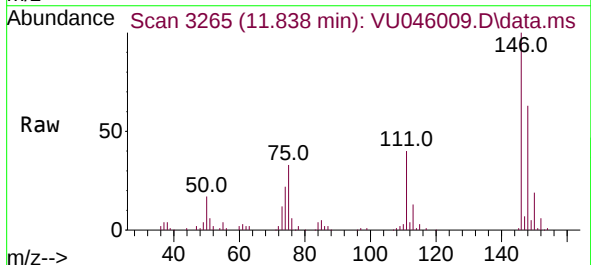
Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

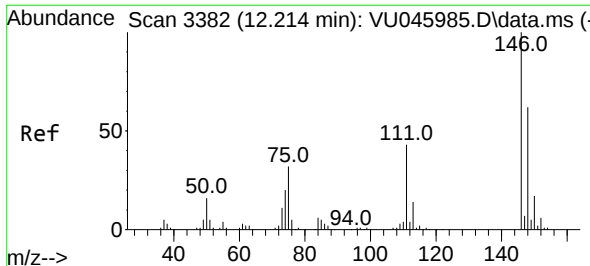
Tgt Ion:146 Resp: 67436
Ion Ratio Lower Upper
146 100
111 42.6 29.9 55.5
148 63.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.217 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:146 Resp: 67966
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 63.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.297 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005137

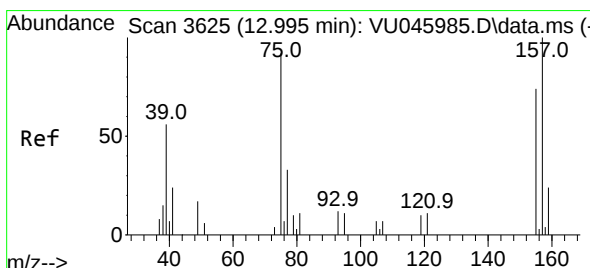
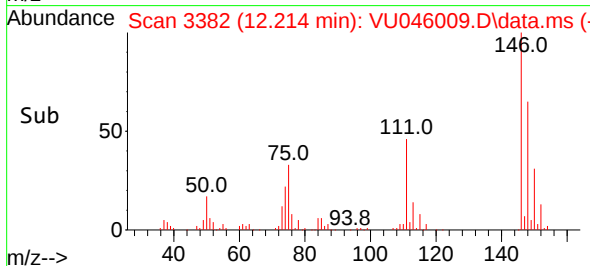
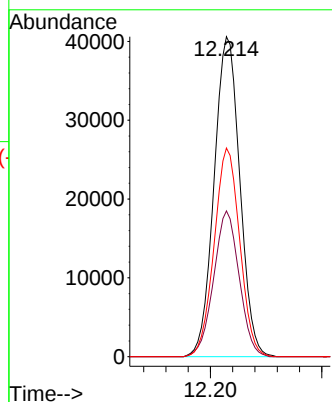
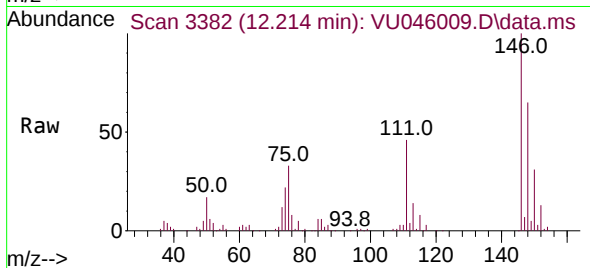
Tgt Ion:146 Resp: 65136

Ion Ratio Lower Upper

146 100

111 45.6 35.4 53.0

148 65.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.115 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU046009.D

Acq: 26 Nov 2021 10:45

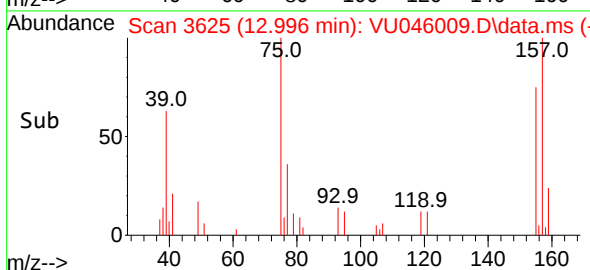
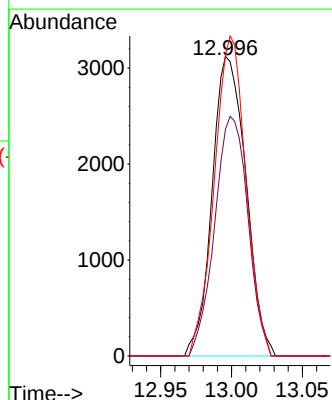
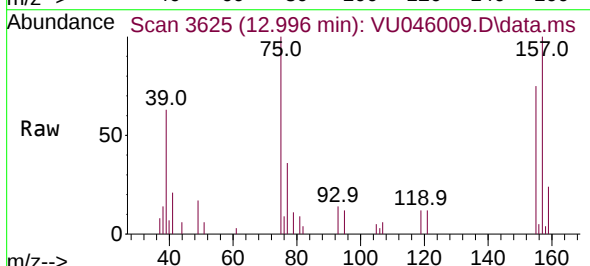
Tgt Ion: 75 Resp: 5173

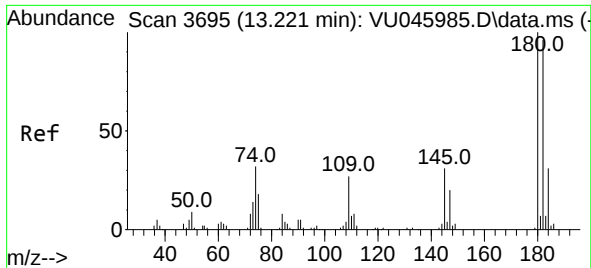
Ion Ratio Lower Upper

75 100

155 75.6 59.2 88.8

157 100.4 76.5 114.7

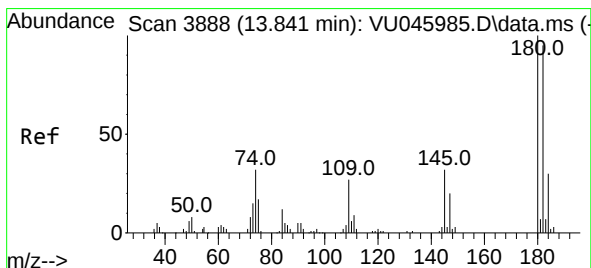
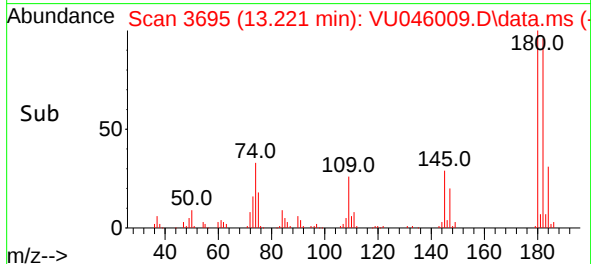
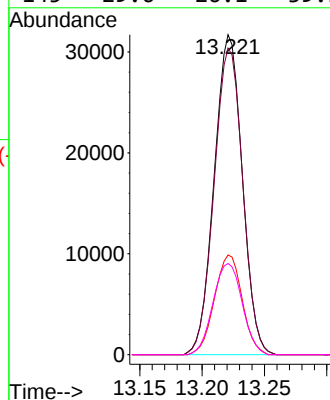
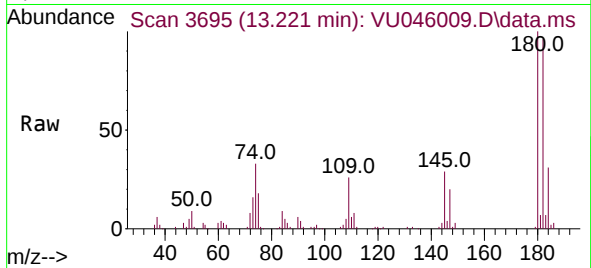




#69
 1,3,5-Trichlorobenzene
 Concen: 5.181 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

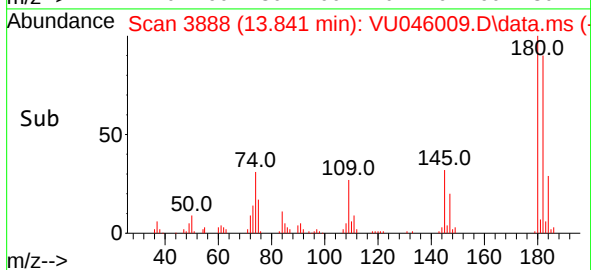
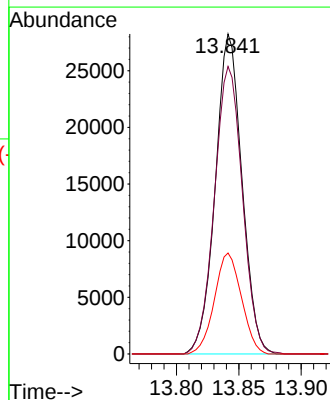
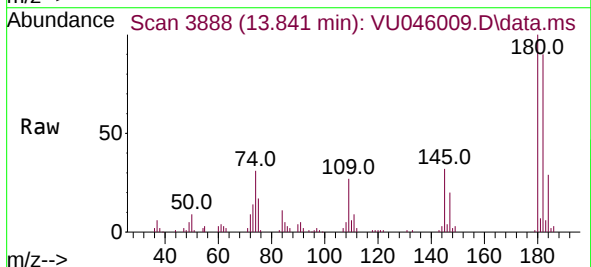
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

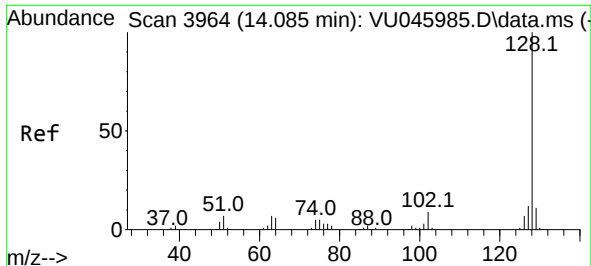
Tgt Ion:	180	Resp:	49705
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.1	114.1
184	30.7	25.0	37.4
145	29.6	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.181 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046009.D
 Acq: 26 Nov 2021 10:45

Tgt Ion:	180	Resp:	42060
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.4	114.6
145	31.9	25.6	38.4

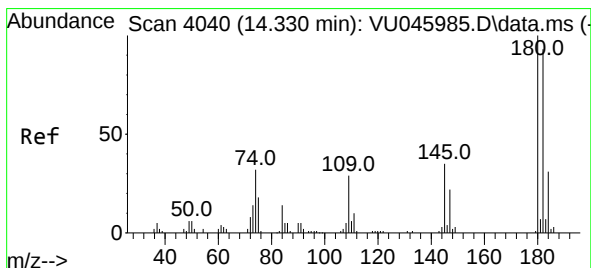
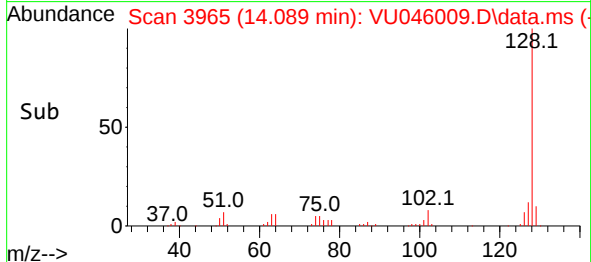
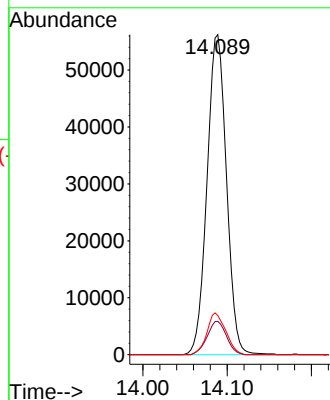
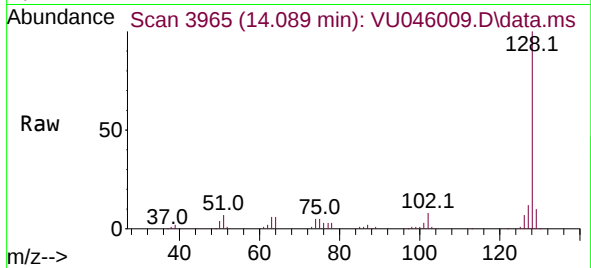




#71
Naphthalene
Concen: 5.409 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Tgt Ion:128	Resp:	90215
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.4 12.6
127	12.7	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.218 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046009.D
Acq: 26 Nov 2021 10:45

Tgt Ion:180	Resp:	42151
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.2 114.4
145	34.4	28.4 42.6

