

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046882.D
 Acq On : 27 Jan 2022 20:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Jan 28 01:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107682	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34481	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.919	69	32097	4.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.575	65	15609	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.652	46	123544	45.704	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.400%
24) Chloroform-d	5.066	84	76586	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.706	65	40662	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.732	84	145903	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.693	67	45888	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	130010	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.182	79	17766	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.635	63	111635	41.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45227	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	47167	4.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56526	5.581	ug/L	99
3) Chloromethane	1.526	50	49876	5.980	ug/L	99
5) Vinyl chloride	1.610	62	51497	5.930	ug/L	97
6) Bromomethane	1.864	94	19694	3.624	ug/L	97
8) Chloroethane	1.941	64	31096	6.221	ug/L	99
9) Trichlorofluoromethane	2.147	101	64617	6.106	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	36390	5.783	ug/L	99
12) 1,1-Dichloroethene	2.587	96	35289	5.869	ug/L	83
13) Acetone	2.671	43	67578	45.965	ug/L	60
14) Carbon disulfide	2.800	76	108972	5.518	ug/L	99
15) Methyl Acetate	2.967	43	14336	4.464	ug/L #	88
16) Methylene chloride	3.054	84	39421	5.429	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	84071	4.983	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	36891	5.665	ug/L	91
19) 1,1-Dichloroethane	3.877	63	64513	5.901	ug/L	99
21) 2-Butanone	4.729	43	109530	46.323	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	39415	5.737	ug/L	98
23) Bromochloromethane	4.980	128	17803	5.267	ug/L	95
25) Chloroform	5.092	83	67765	3.905	ug/L	98

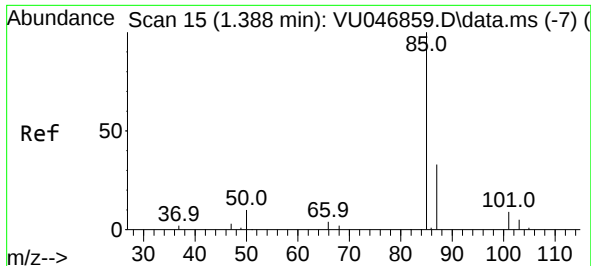
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44121	5.760	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	58181	5.557	ug/L	98
30) Cyclohexane	5.394	56	53545	5.042	ug/L	98
31) Carbon tetrachloride	5.529	117	49275	5.485	ug/L	99
33) Benzene	5.777	78	149739	5.472	ug/L	100
34) Trichloroethene	6.546	95	40098	5.643	ug/L	98
35) Methylcyclohexane	6.764	83	56193	4.722	ug/L	96
37) 1,2-Dichloropropane	6.793	63	38415	5.722	ug/L	99
38) Bromodichloromethane	7.108	83	47518	4.918	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	50380	4.810	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	240928	48.953	ug/L	97
42) Toluene	7.970	91	158406	4.843	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	45155	4.839	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	29724	5.204	ug/L	98
47) Tetrachloroethene	8.555	164	30361	5.254	ug/L	98
48) 2-Hexanone	8.687	43	185119	49.832	ug/L	97
49) Dibromochloromethane	8.812	129	32533	4.829	ug/L	97
50) 1,2-Dibromoethane	8.925	107	28662	4.951	ug/L	93
51) Chlorobenzene	9.449	112	94392	4.969	ug/L	100
52) Ethylbenzene	9.571	91	155694	5.007	ug/L	98
53) m,p-Xylene	9.697	106	61059	4.925	ug/L	97
54) o-Xylene	10.102	106	58894	4.901	ug/L	95
55) Styrene	10.118	104	99297	5.051	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	38974	5.074	ug/L	98
59) Bromoform	10.295	173	17383	4.526	ug/L	99
60) Isopropylbenzene	10.484	105	152075	5.234	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28558	5.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	116838	4.899	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	119071	4.852	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	73237	5.043	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	73699	5.042	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69870	4.974	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5670	5.168	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	51586	4.505	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42403	4.429	ug/L	99
71) Naphthalene	14.085	128	82875	4.252	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43491	4.810	ug/L	99

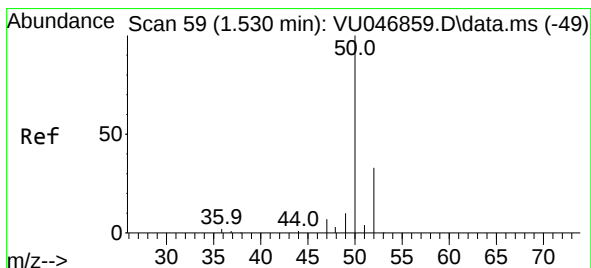
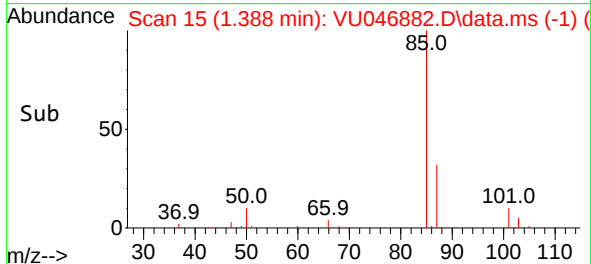
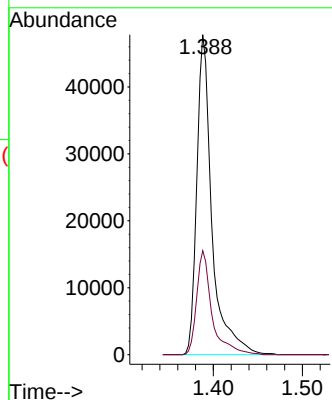
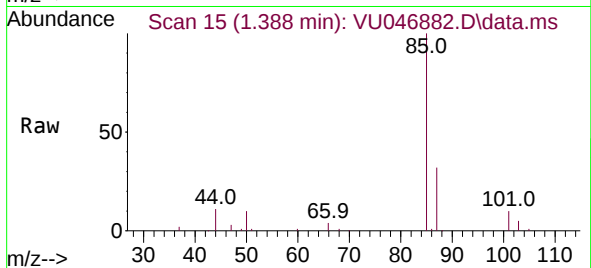
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#2
Dichlorodifluoromethane
Concen: 5.581 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

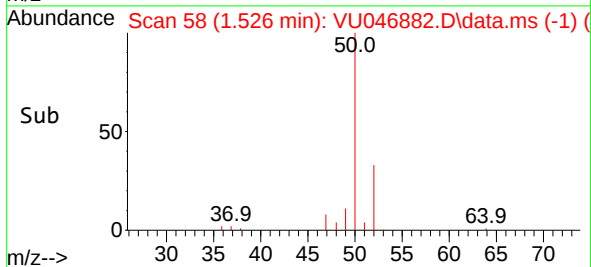
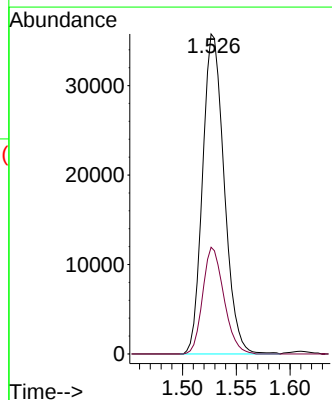
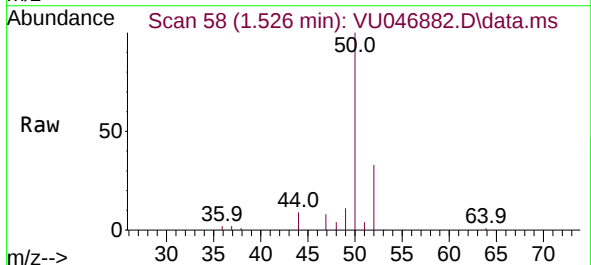
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

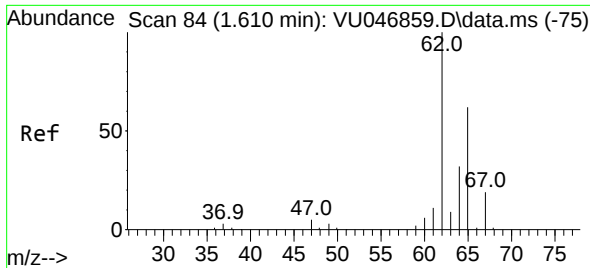
Tgt Ion: 85 Resp: 56526
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.6



#3
Chloromethane
Concen: 5.980 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 50 Resp: 49876
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8

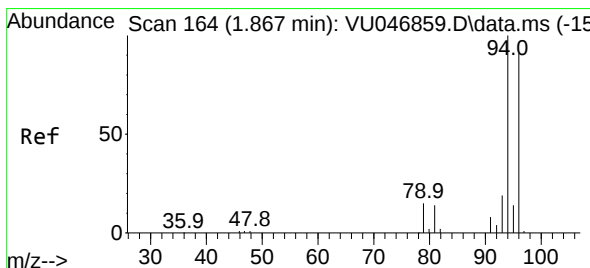
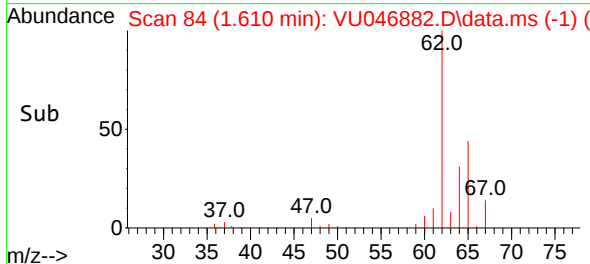
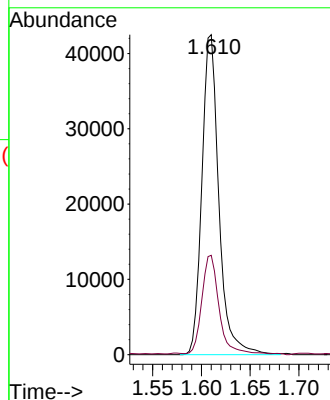
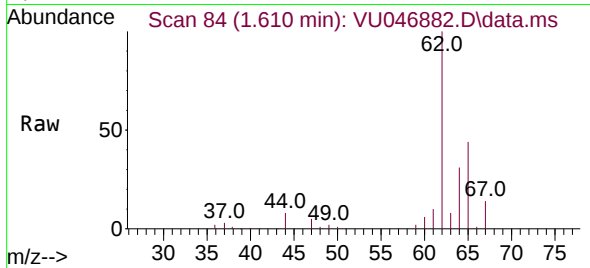




#5
 Vinyl chloride
 Concen: 5.930 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

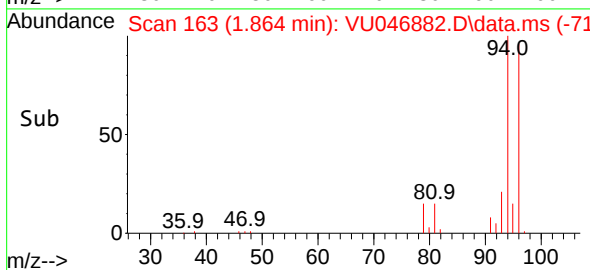
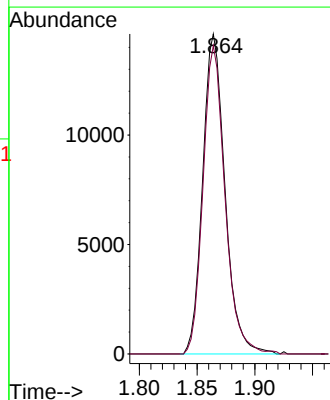
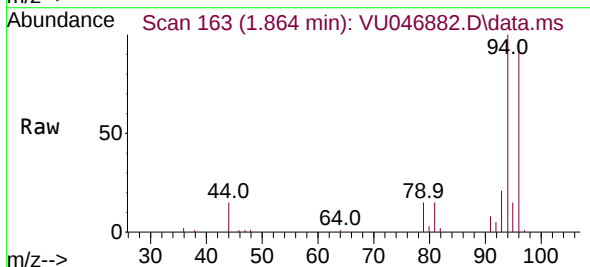
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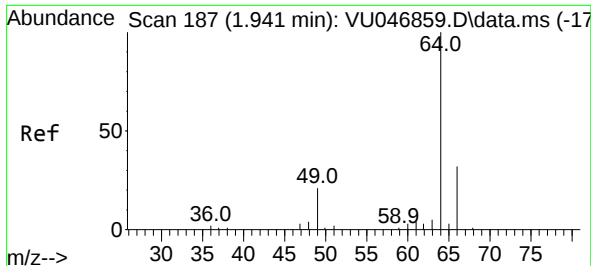
Tgt Ion: 62 Resp: 51497
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.9 42.5



#6
 Bromomethane
 Concen: 3.624 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

Tgt Ion: 94 Resp: 19694
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.5 121.6

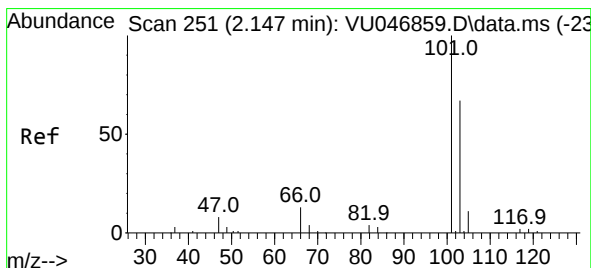
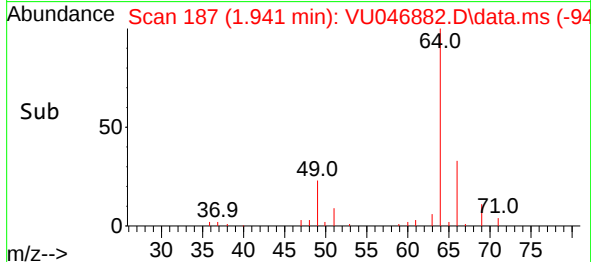
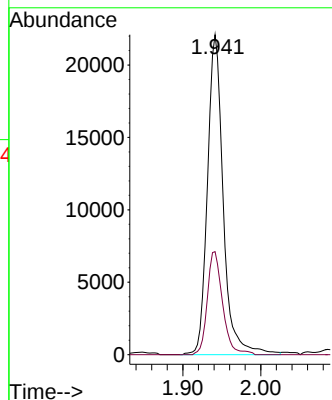
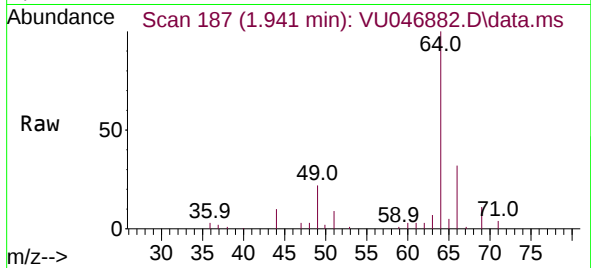




#8
Chloroethane
Concen: 6.221 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

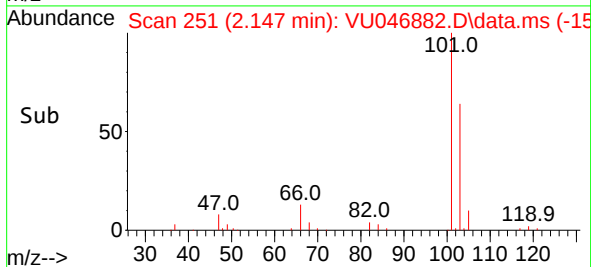
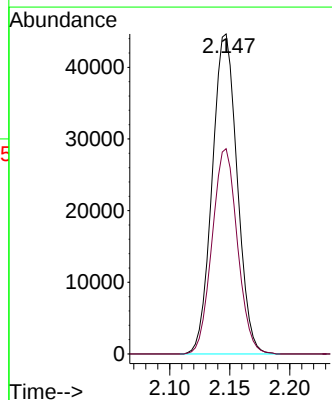
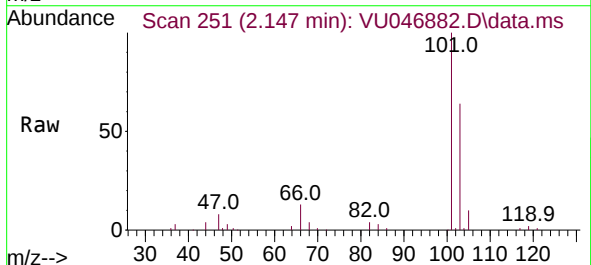
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ClientSampleId :
VSTD005175

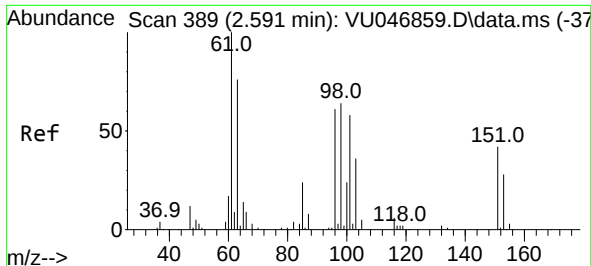
Tgt Ion: 64 Resp: 31096
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.106 ug/L
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion:101 Resp: 64617
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

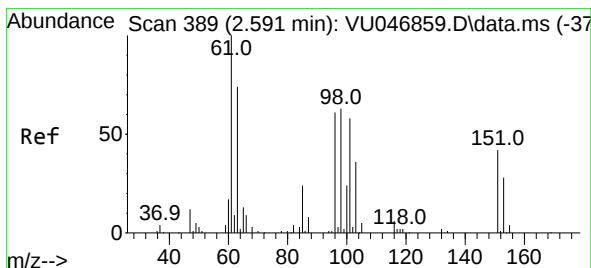
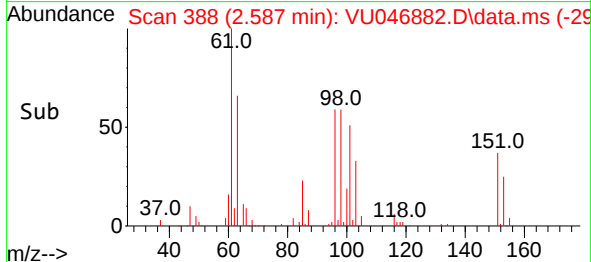
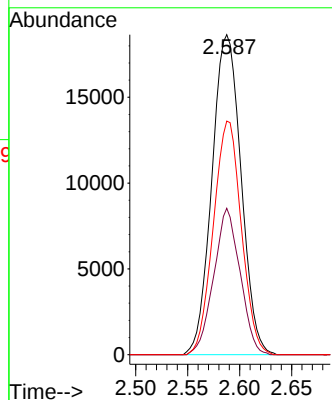
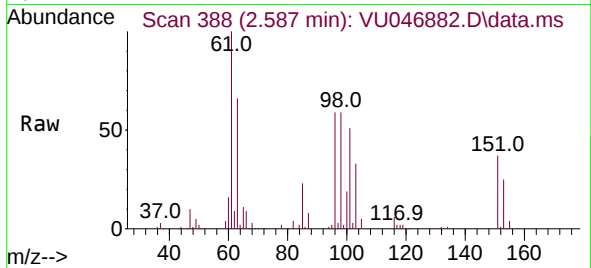




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.783 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

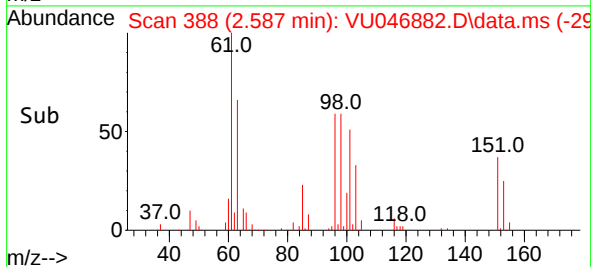
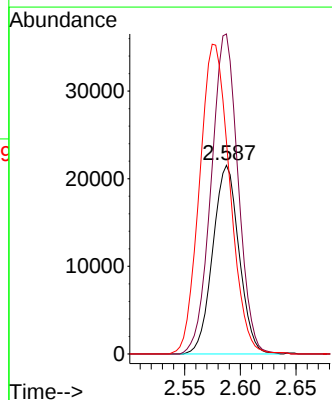
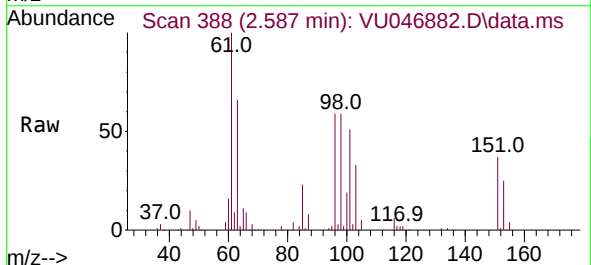
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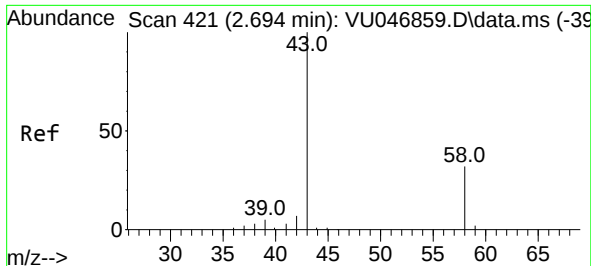
Tgt Ion:101 Resp: 36390
Ion Ratio Lower Upper
101 100
85 41.3 34.6 51.8
151 70.1 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.869 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 96 Resp: 35289
Ion Ratio Lower Upper
96 100
61 169.6 124.7 231.5
63 112.6 105.2 195.4





#13

Acetone

Concen: 45.965 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

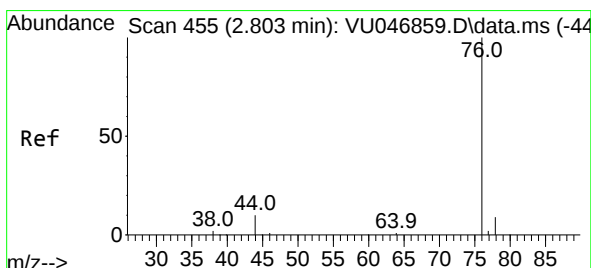
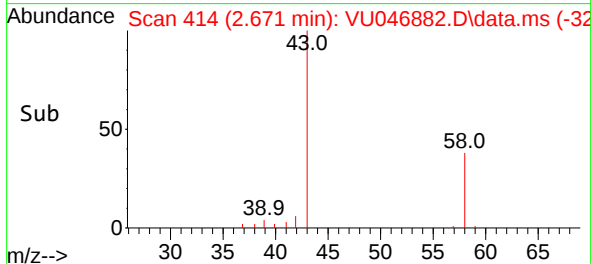
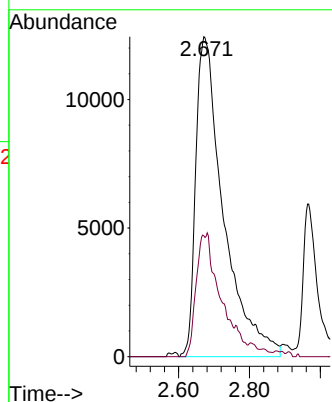
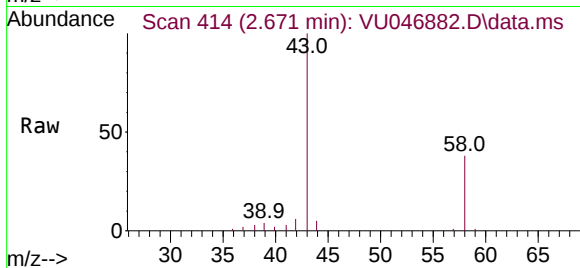
VSTD005175

Tgt Ion: 43 Resp: 67578

Ion Ratio Lower Upper

43 100

58 12.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.518 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU046882.D

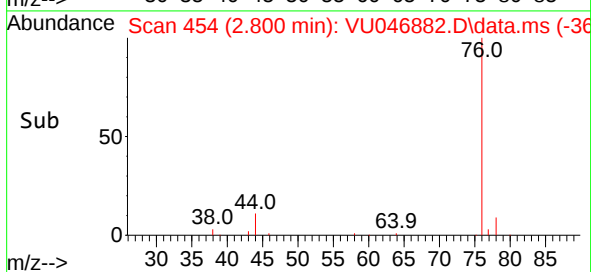
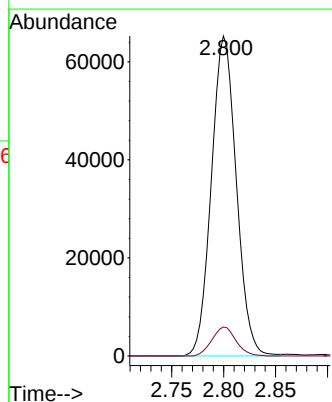
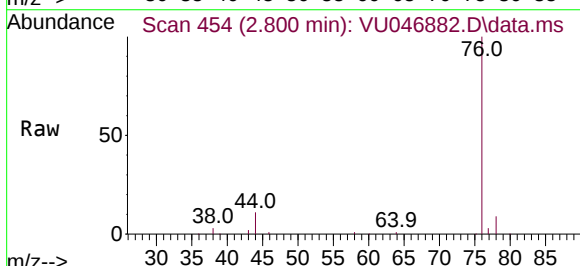
Acq: 27 Jan 2022 20:16

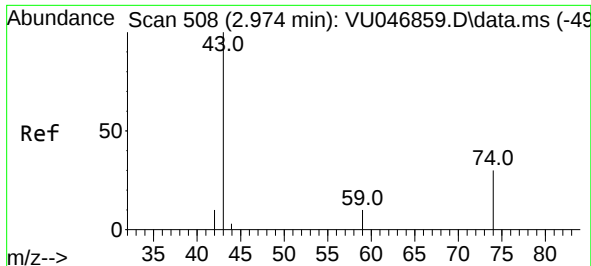
Tgt Ion: 76 Resp: 108972

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

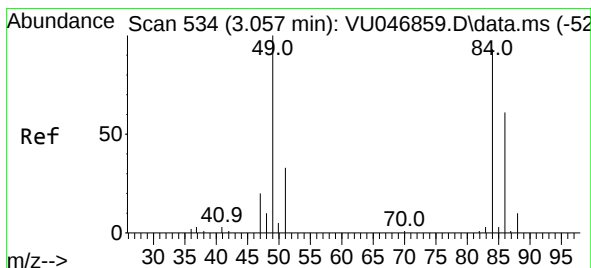
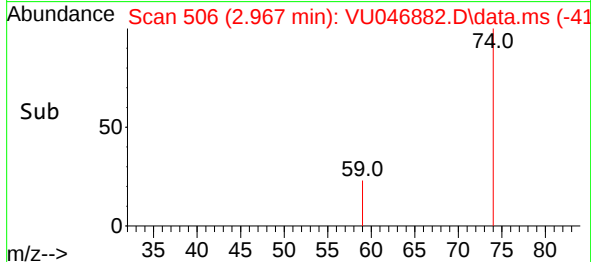
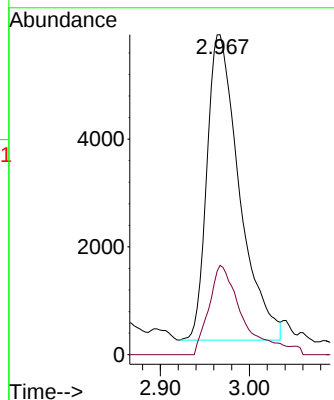
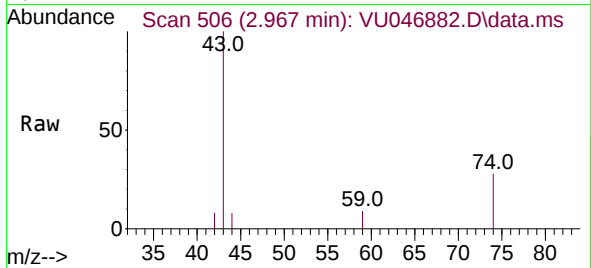




#15
Methyl Acetate
Concen: 4.464 ug/L
RT: 2.967 min Scan# 508
Delta R.T. -0.007 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

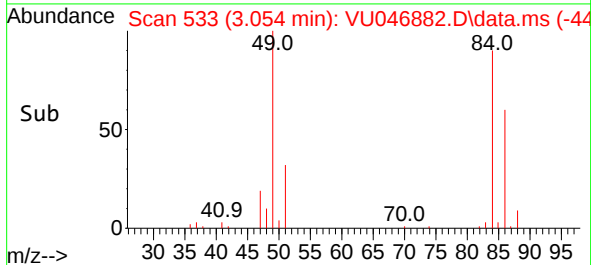
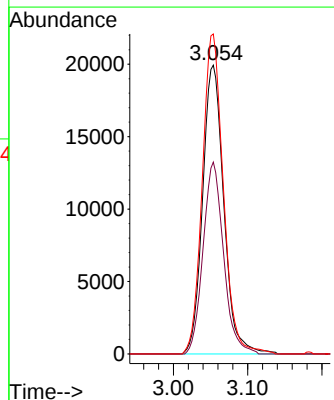
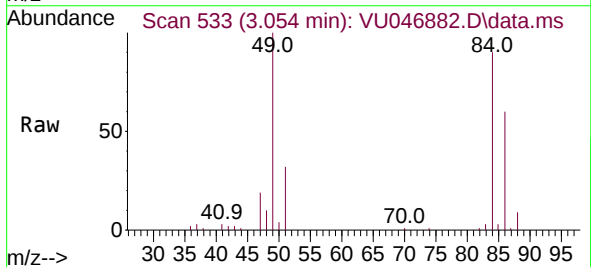
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

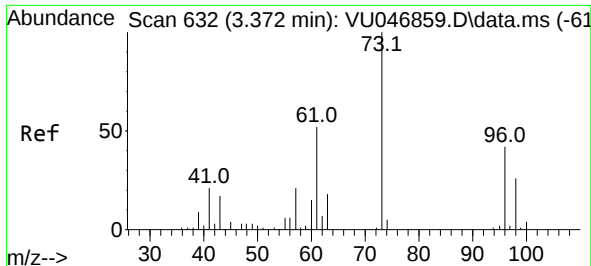
Tgt Ion: 43 Resp: 14336
Ion Ratio Lower Upper
43 100
74 30.0 19.1 28.7#



#16
Methylene chloride
Concen: 5.429 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 84 Resp: 39421
Ion Ratio Lower Upper
84 100
86 66.4 45.8 85.0
49 110.8 84.5 156.9

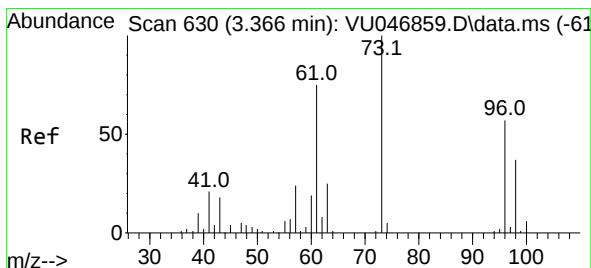
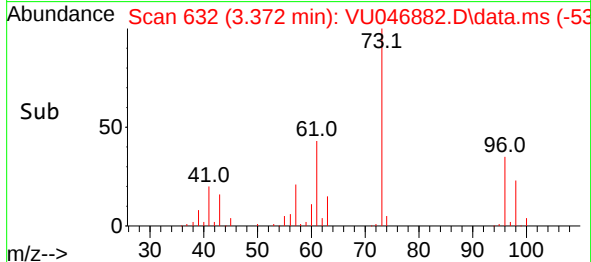
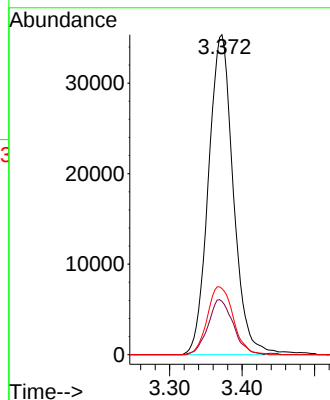
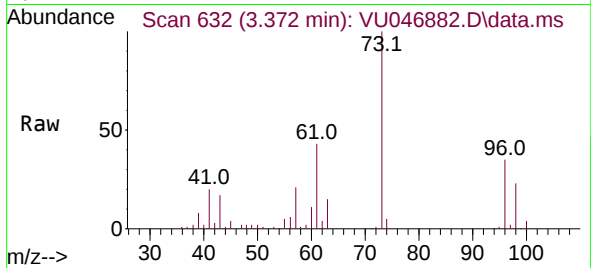




#17
Methyl tert-butyl Ether
Concen: 4.983 ug/L
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

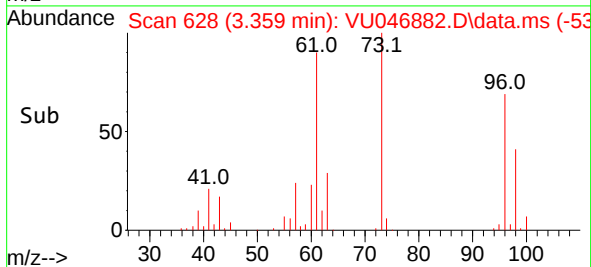
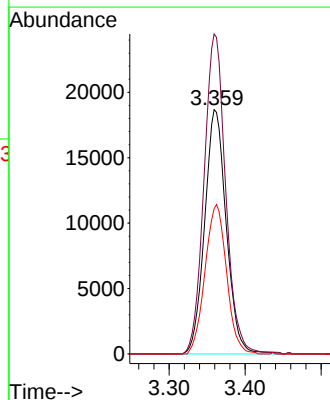
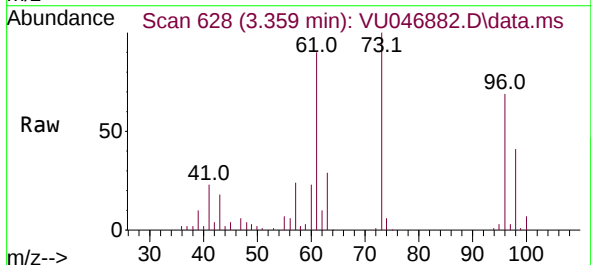
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

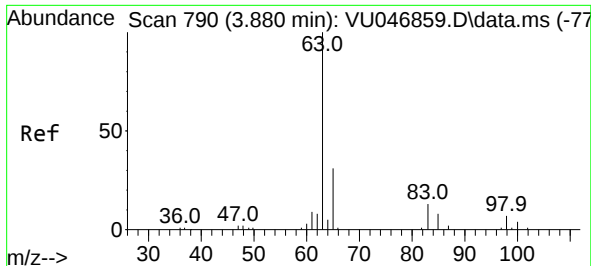
Tgt Ion: 73 Resp: 84071
Ion Ratio Lower Upper
73 100
43 17.5 14.8 22.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.665 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.007 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 96 Resp: 36891
Ion Ratio Lower Upper
96 100
61 131.0 100.8 187.2
98 59.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.901 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

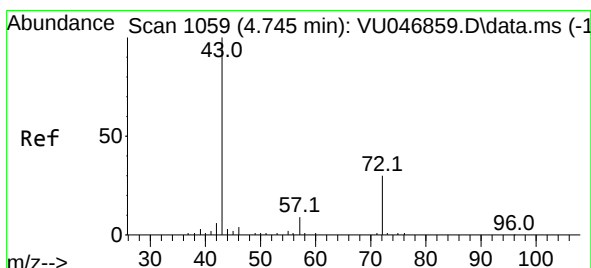
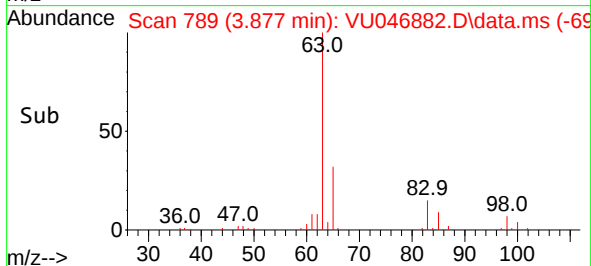
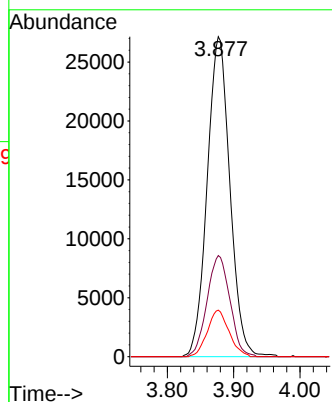
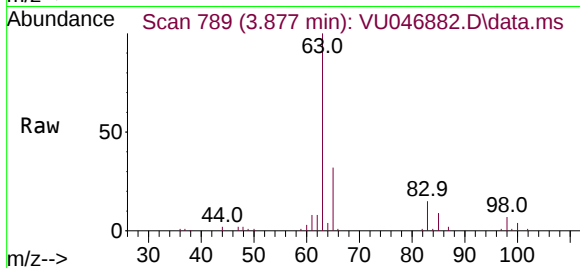
Tgt Ion: 63 Resp: 64513

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 46.323 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.016 min

Lab File: VU046882.D

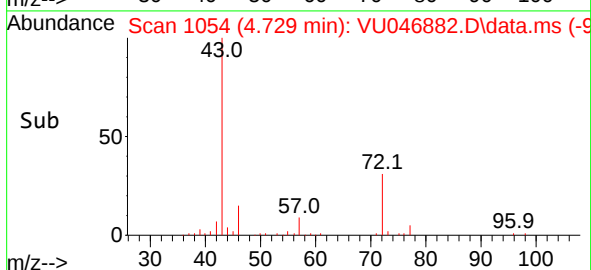
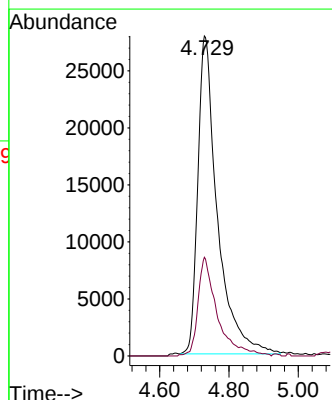
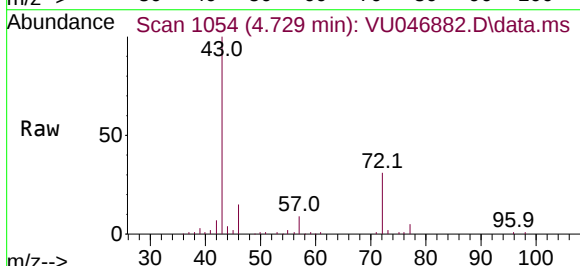
Acq: 27 Jan 2022 20:16

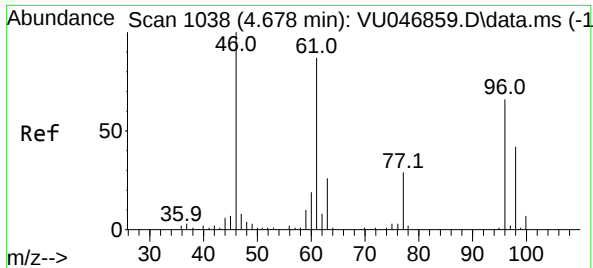
Tgt Ion: 43 Resp: 109530

Ion Ratio Lower Upper

43 100

72 28.7 14.1 42.3

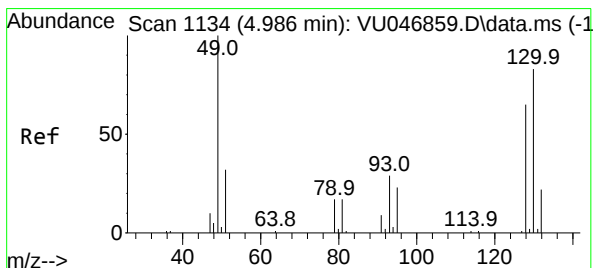
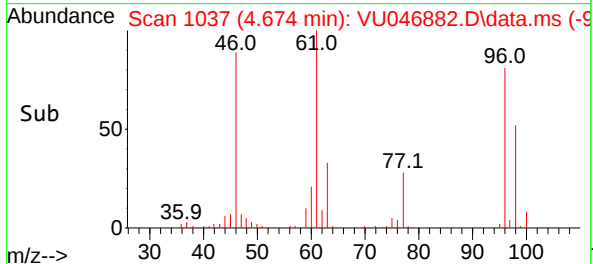
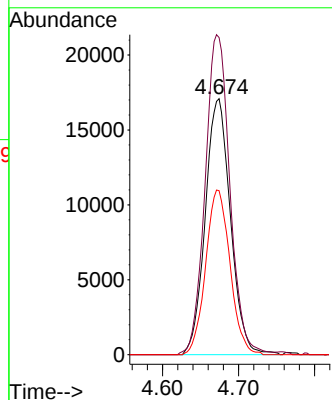
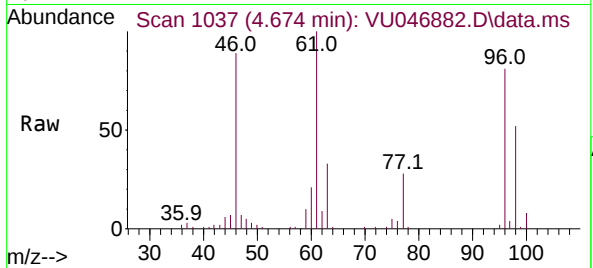




#22
cis-1,2-Dichloroethene
Concen: 5.737 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

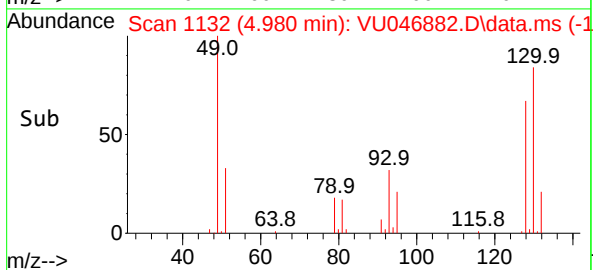
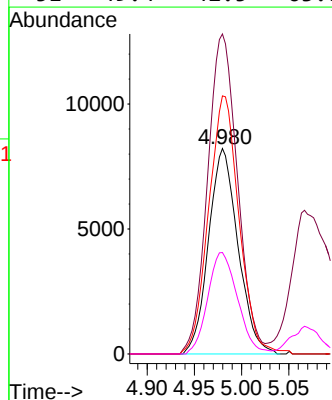
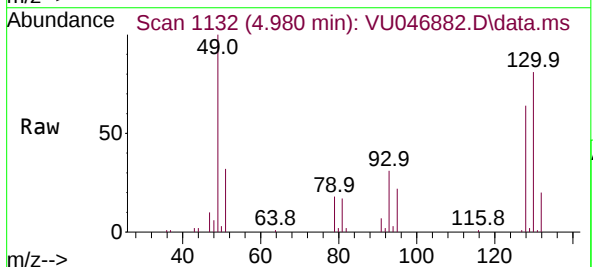
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

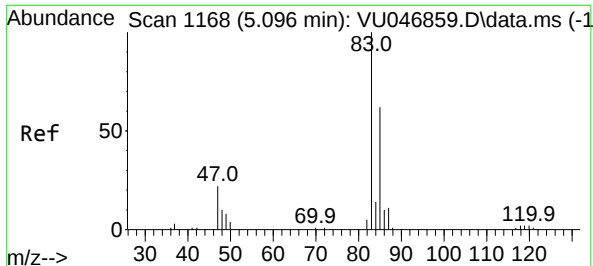
Tgt Ion: 96	Resp:	39415
Ion	Ratio	Lower Upper
96	100	
61	123.9	88.5 164.3
98	64.1	44.4 82.5



#23
Bromochloromethane
Concen: 5.267 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.007 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 128	Resp:	17803
Ion	Ratio	Lower Upper
128	100	
49	155.8	117.0 217.2
130	125.6	88.2 163.8
51	49.4	42.5 63.7





#25

Chloroform

Concen: 3.905 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

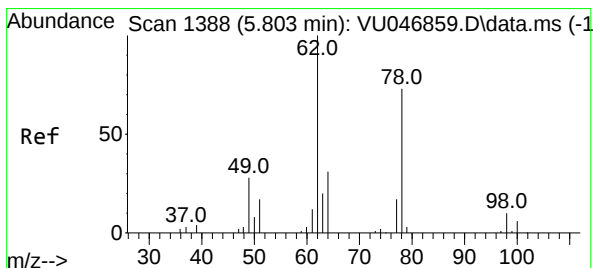
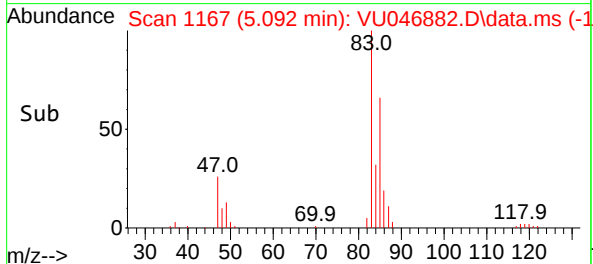
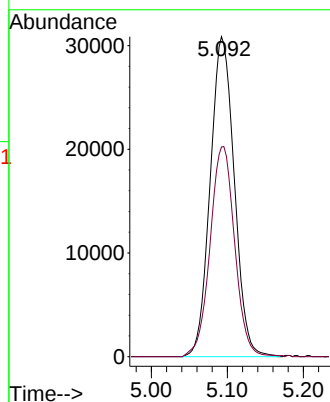
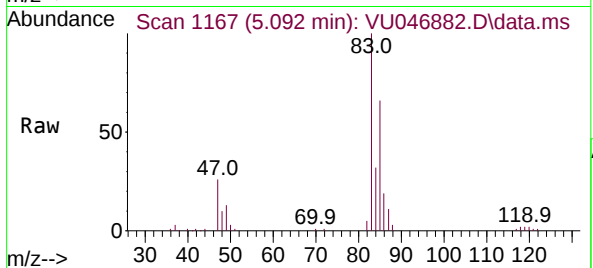
VSTD005175

Tgt Ion: 83 Resp: 67765

Ion Ratio Lower Upper

83 100

85 65.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.760 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VU046882.D

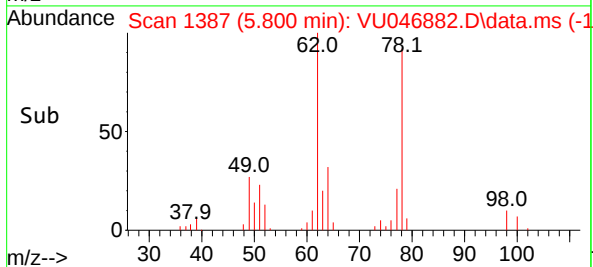
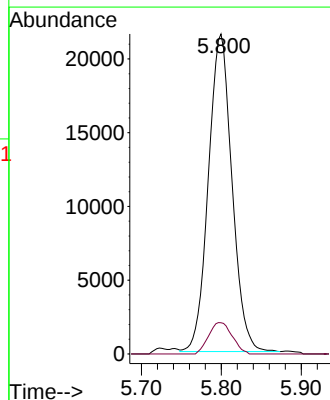
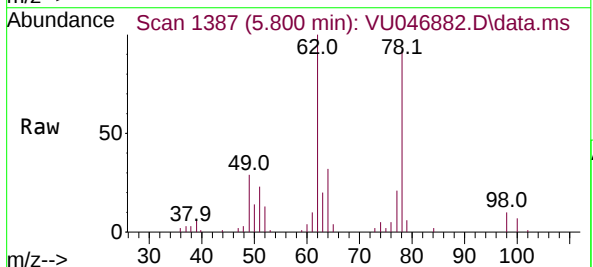
Acq: 27 Jan 2022 20:16

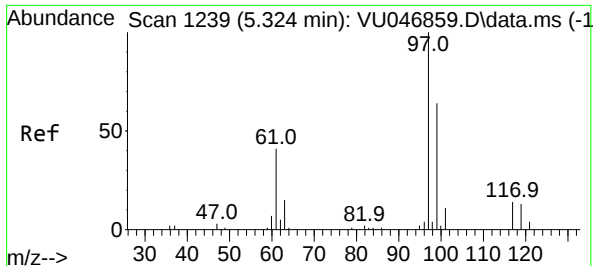
Tgt Ion: 62 Resp: 44121

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.557 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

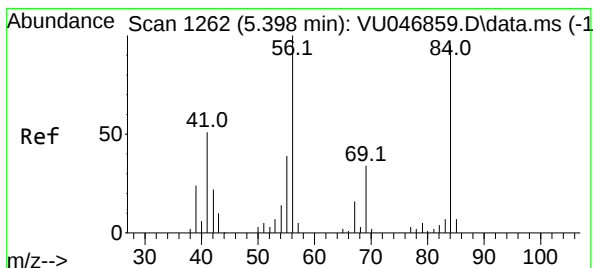
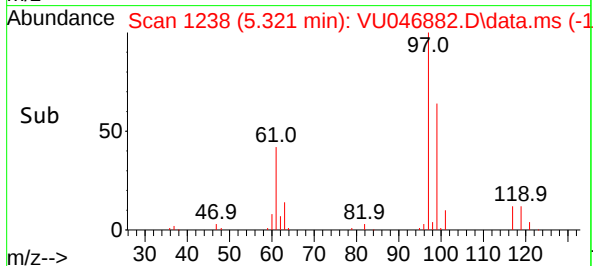
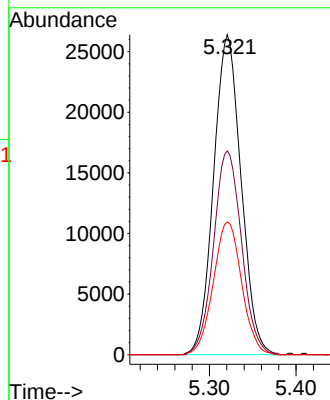
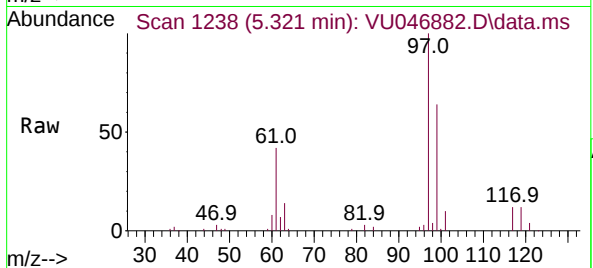
Tgt Ion: 97 Resp: 58181

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 42.8 36.1 54.1



#30

Cyclohexane

Concen: 5.042 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

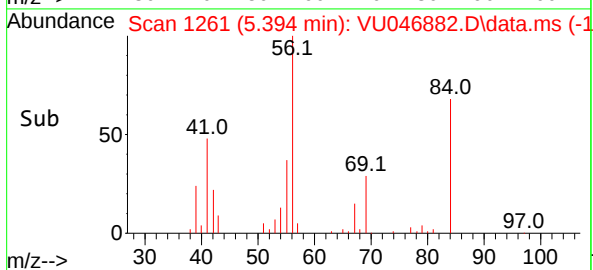
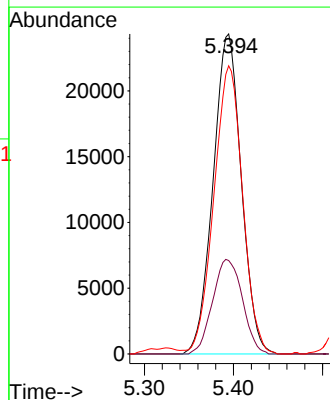
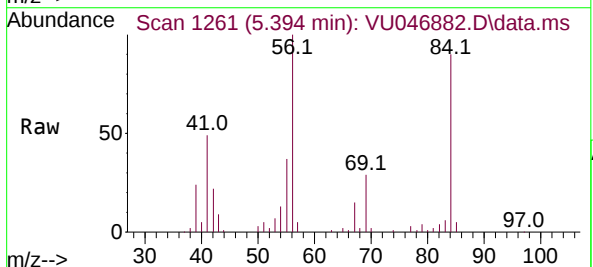
Tgt Ion: 56 Resp: 53545

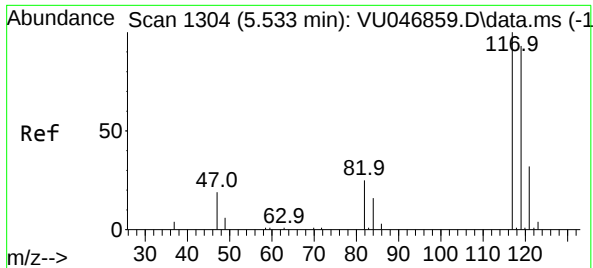
Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 91.7 71.8 107.6

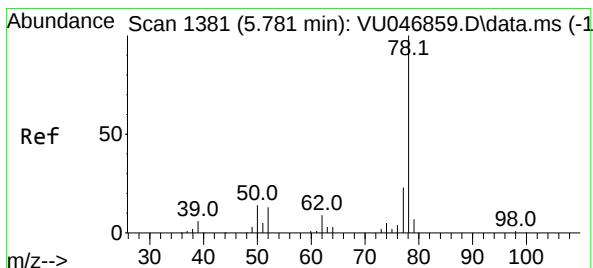
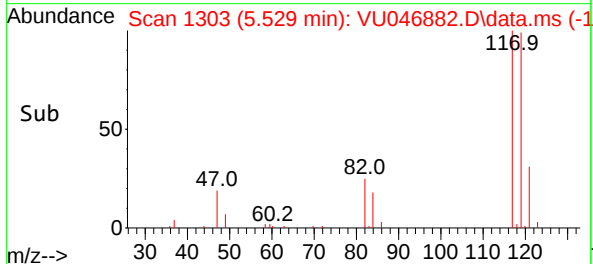
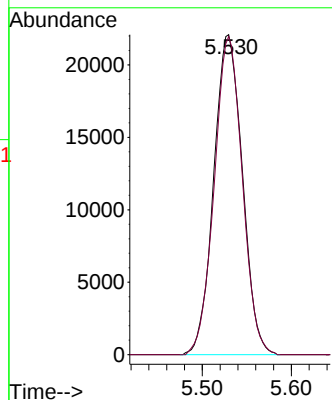
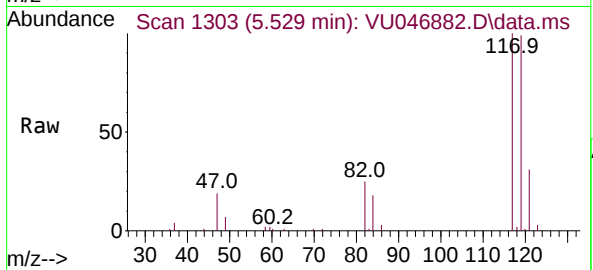




#31
Carbon tetrachloride
Concen: 5.485 ug/L
RT: 5.529 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

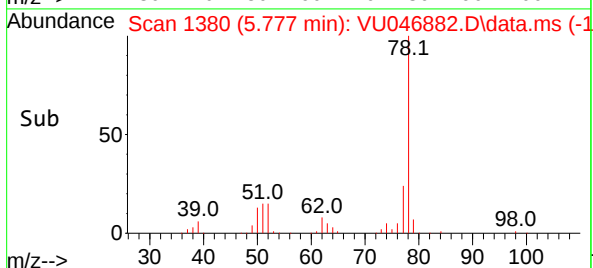
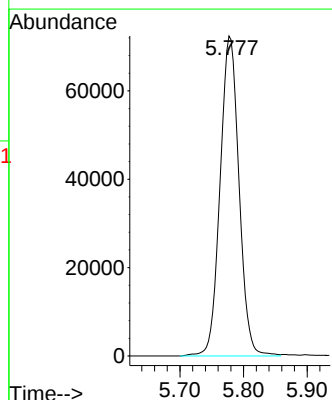
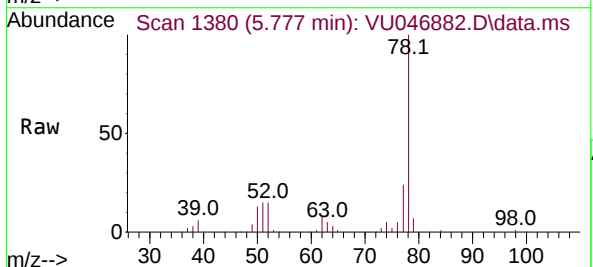
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

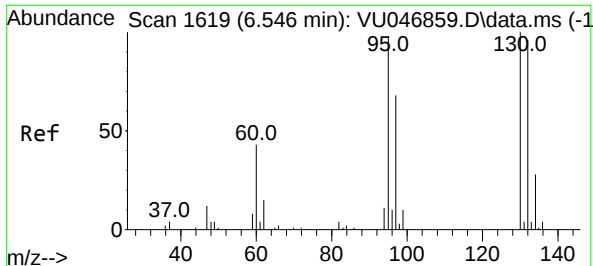
Tgt Ion:117 Resp: 49275
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3



#33
Benzene
Concen: 5.472 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 78 Resp: 149739



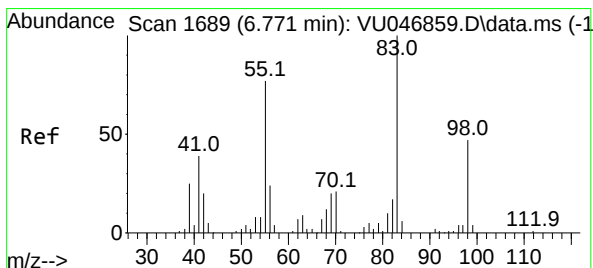
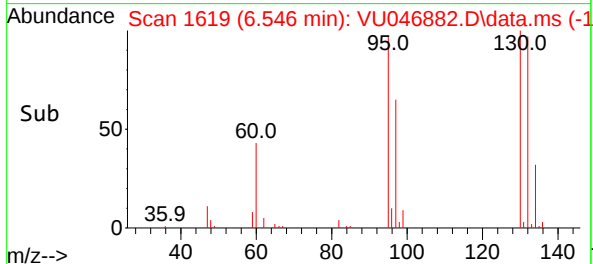
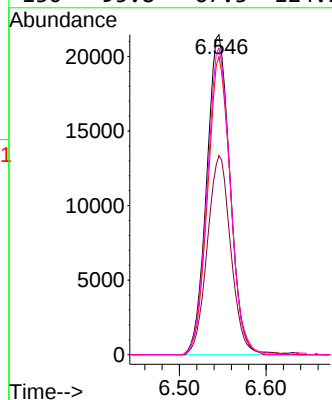
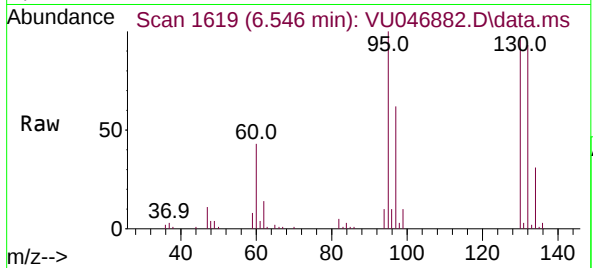


#34
Trichloroethene
Concen: 5.643 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

Tgt Ion: 95 Resp: 40098

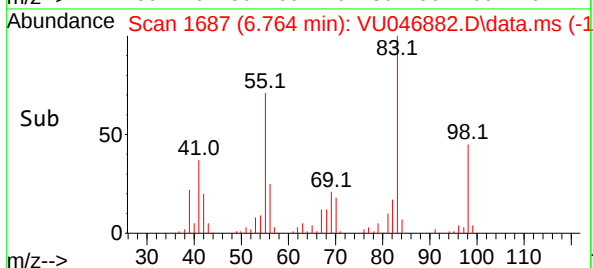
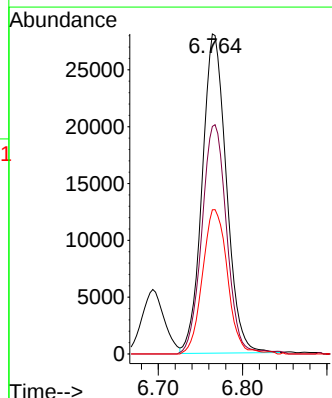
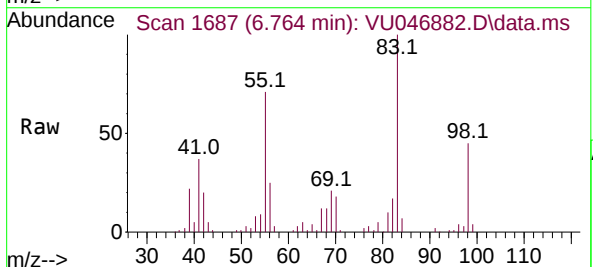
Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.5	86.5
132	93.1	65.1	120.9
130	95.8	67.3	124.9

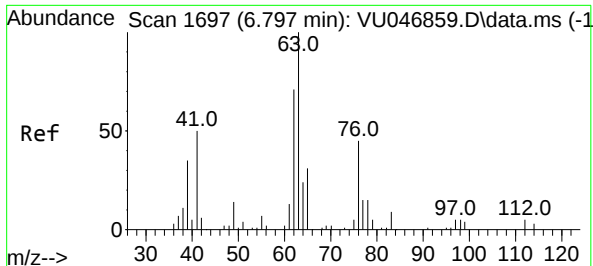


#35
Methylcyclohexane
Concen: 4.722 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.007 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 83 Resp: 56193

Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.9	92.9
98	46.5	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.722 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

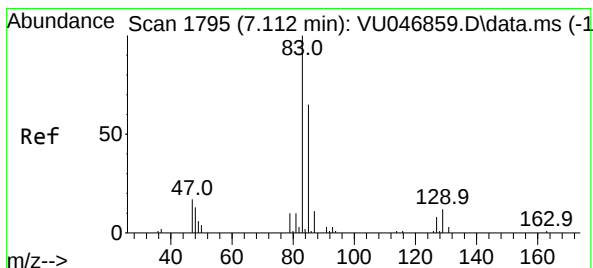
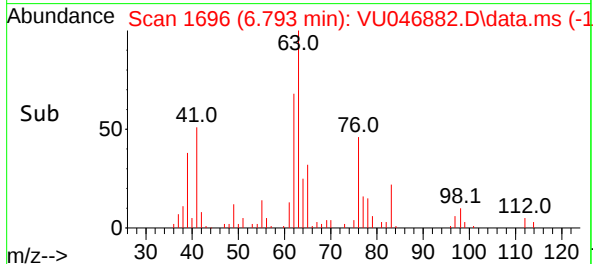
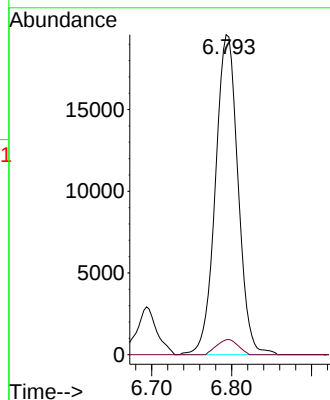
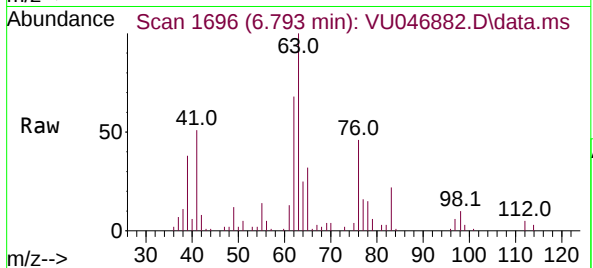
VSTD005175

Tgt Ion: 63 Resp: 38415

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.918 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

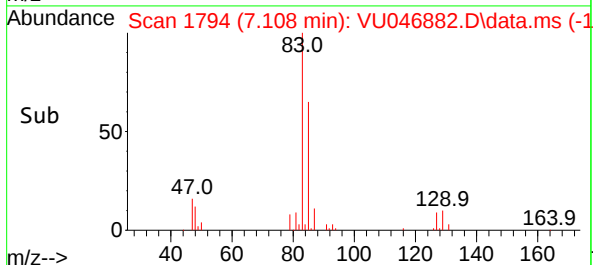
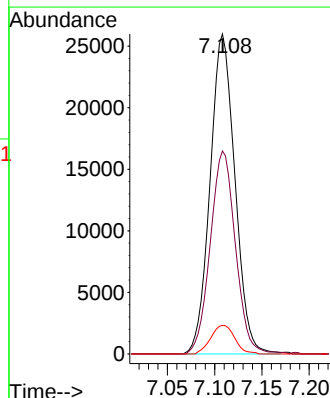
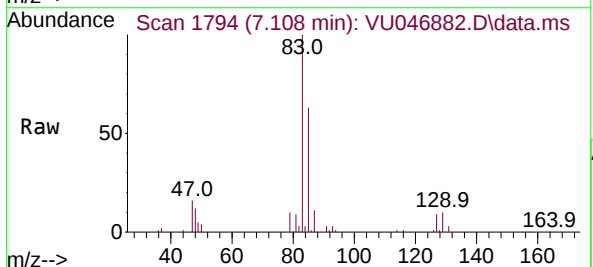
Tgt Ion: 83 Resp: 47518

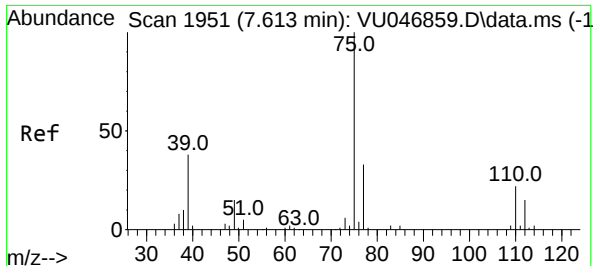
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.810 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

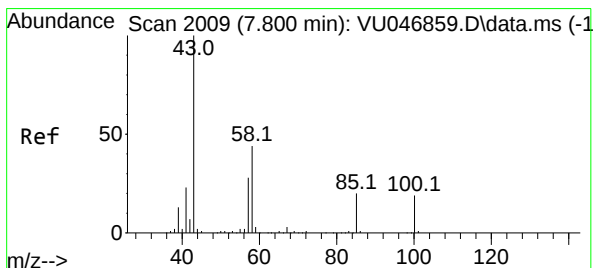
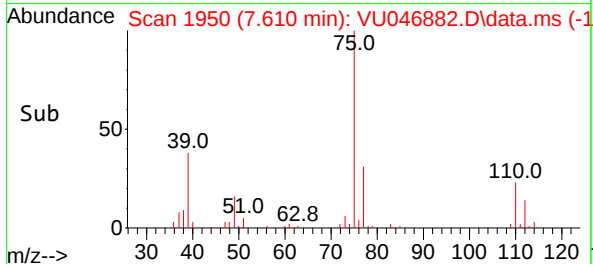
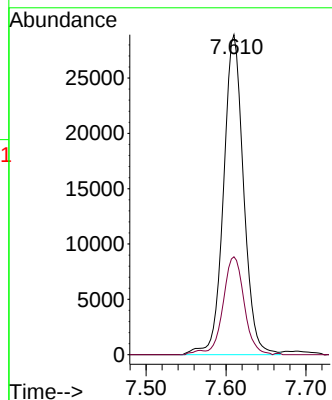
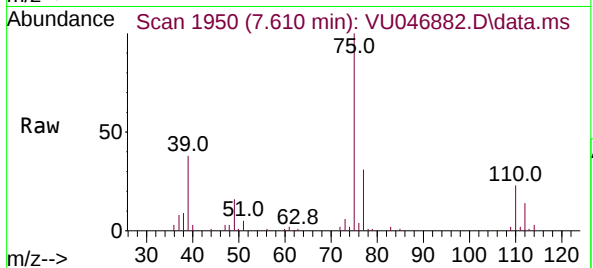
VSTD005175

Tgt Ion: 75 Resp: 50380

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.953 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

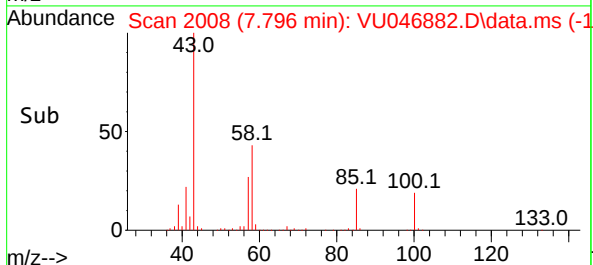
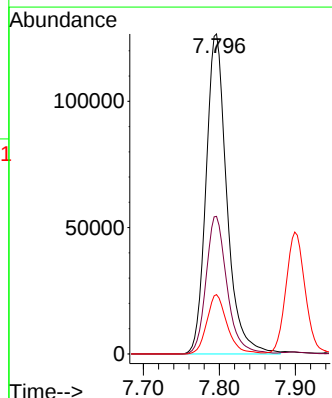
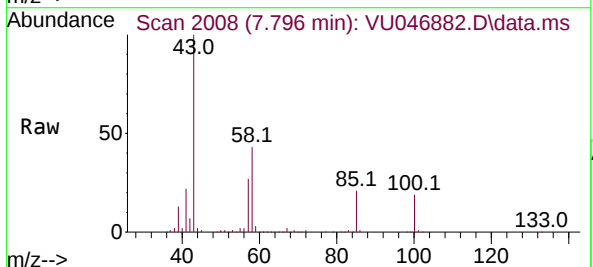
Tgt Ion: 43 Resp: 240928

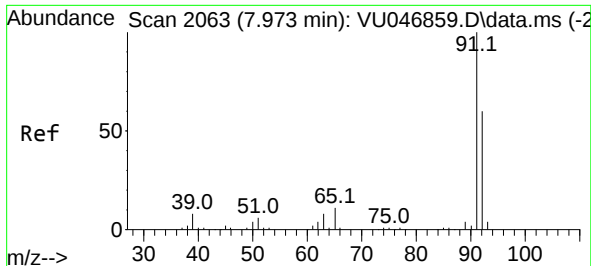
Ion Ratio Lower Upper

43 100

58 43.5 33.1 49.7

100 18.1 13.2 19.8





#42

Toluene

Concen: 4.843 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

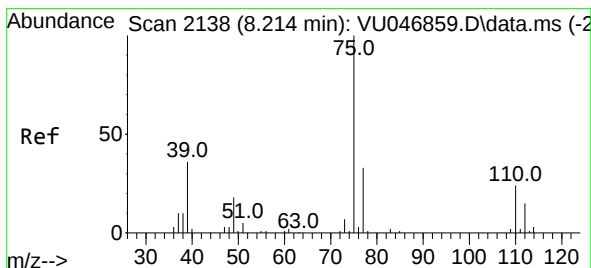
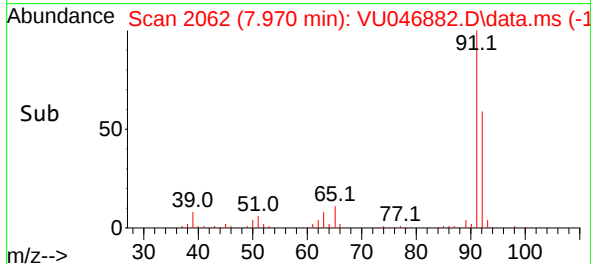
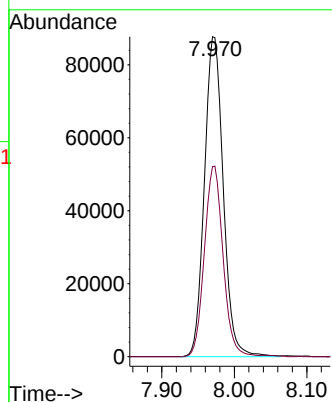
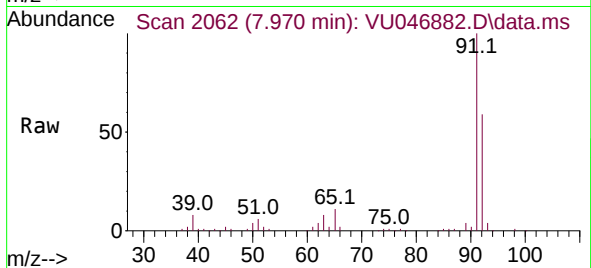
VSTD005175

Tgt Ion: 91 Resp: 158406

Ion Ratio Lower Upper

91 100

92 59.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.839 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046882.D

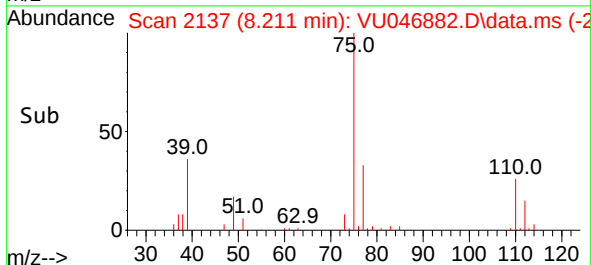
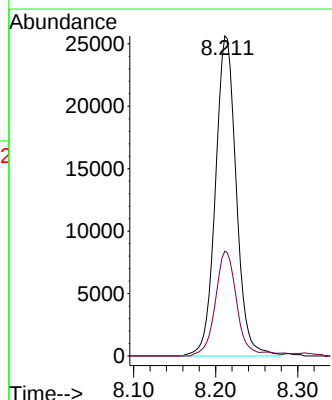
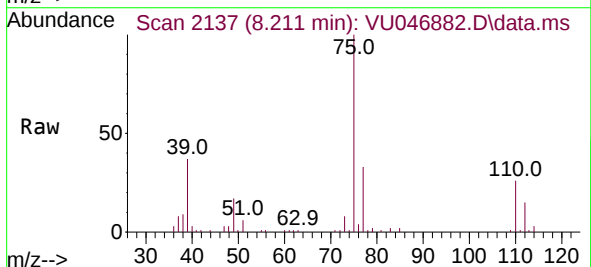
Acq: 27 Jan 2022 20:16

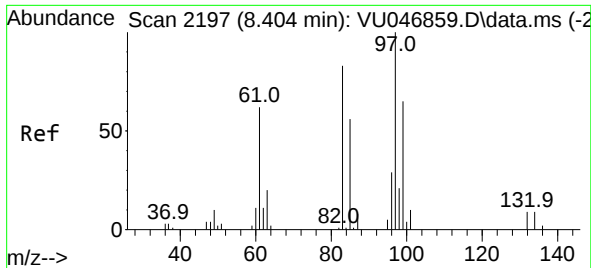
Tgt Ion: 75 Resp: 45155

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3



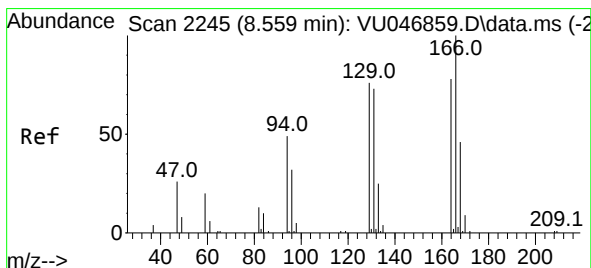
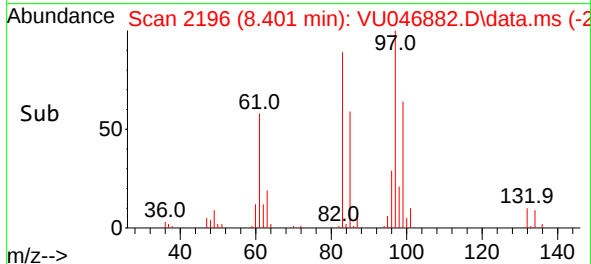
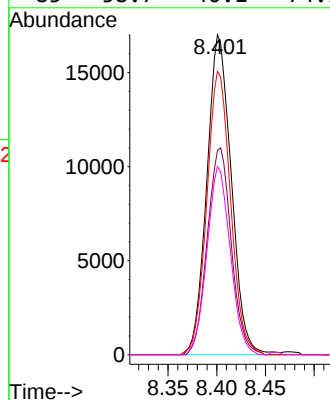
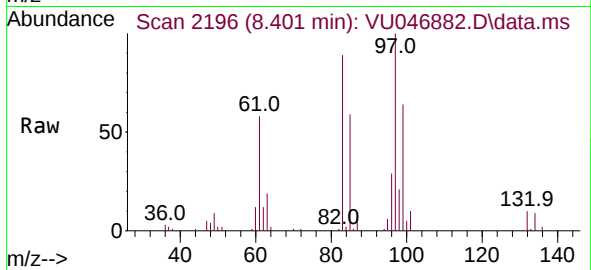


#45
1,1,2-Trichloroethane
Concen: 5.204 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

Tgt Ion: 97 Resp: 29724

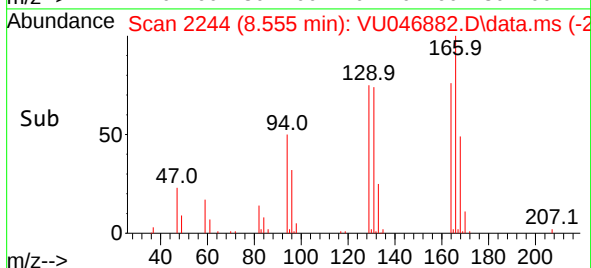
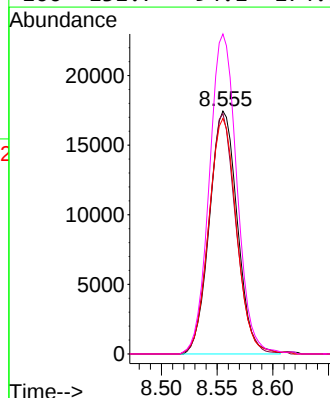
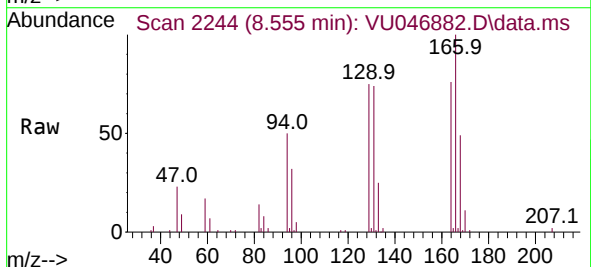
Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.3	78.5
83	88.5	62.0	115.2
85	58.7	40.1	74.5

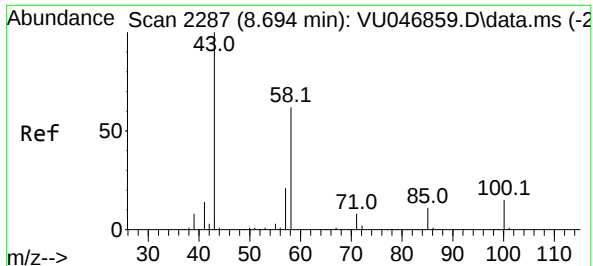


#47
Tetrachloroethene
Concen: 5.254 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 164 Resp: 30361

Ion	Ratio	Lower	Upper
164	100		
129	98.9	71.8	133.4
131	97.0	68.5	127.3
166	131.7	94.1	174.8

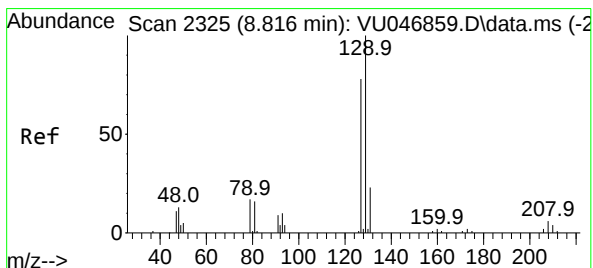
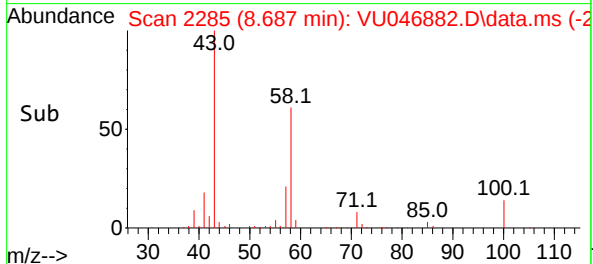
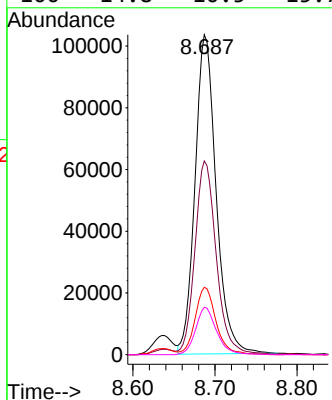
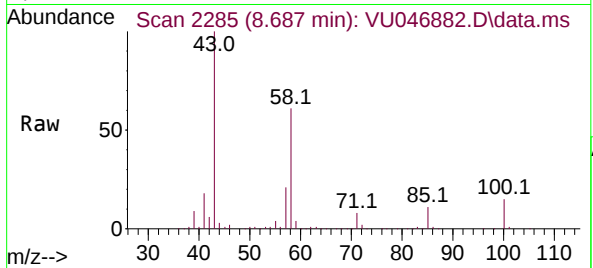




#48
2-Hexanone
Concen: 49.832 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

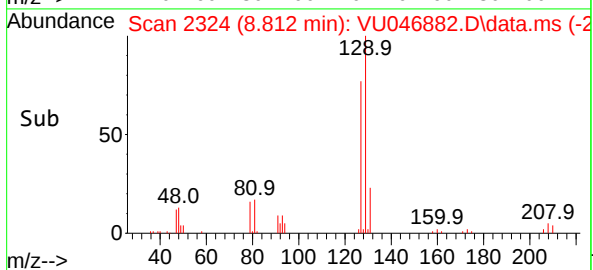
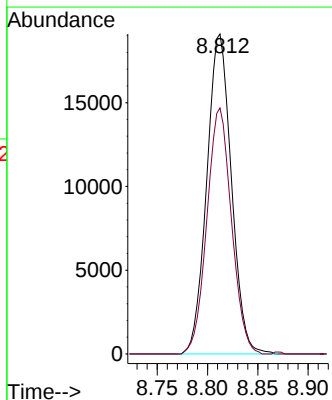
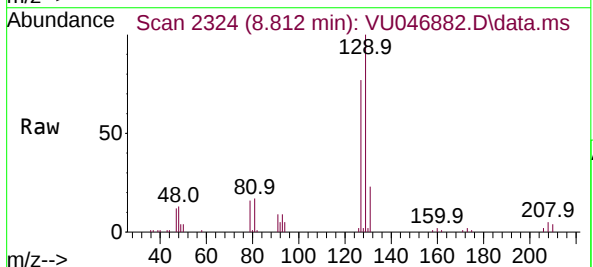
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

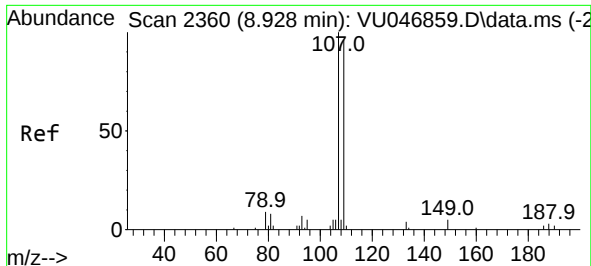
Tgt Ion: 43 Resp: 185119
Ion Ratio Lower Upper
43 100
58 61.1 46.7 70.1
57 21.0 16.3 24.5
100 14.8 10.5 15.7



#49
Dibromochloromethane
Concen: 4.829 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 129 Resp: 32533
Ion Ratio Lower Upper
129 100
127 76.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.951 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

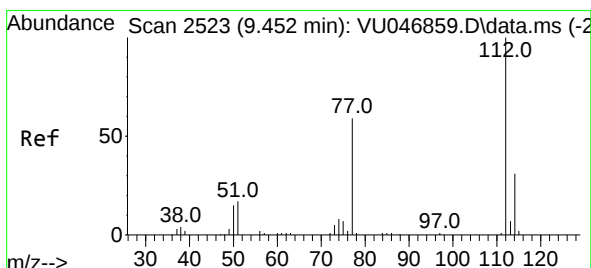
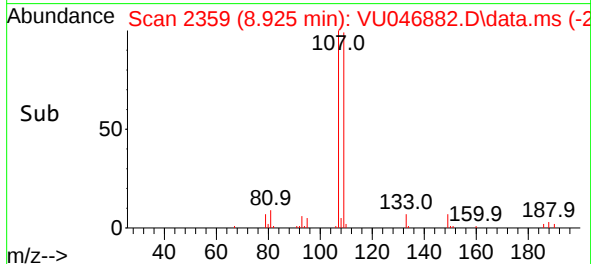
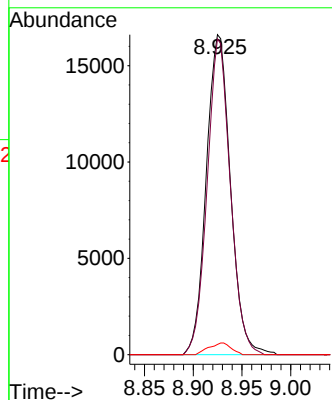
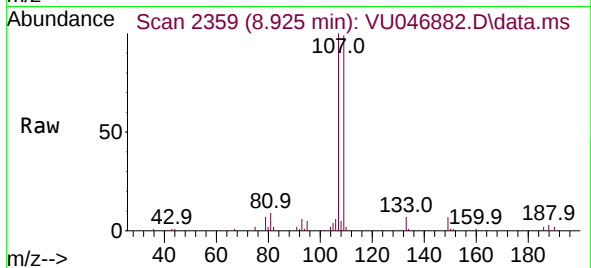
Tgt Ion:107 Resp: 28662

Ion Ratio Lower Upper

107 100

109 98.7 64.0 119.0

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 4.969 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

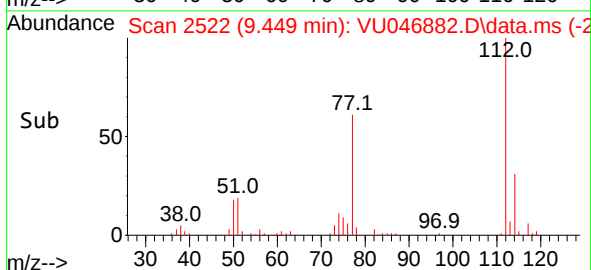
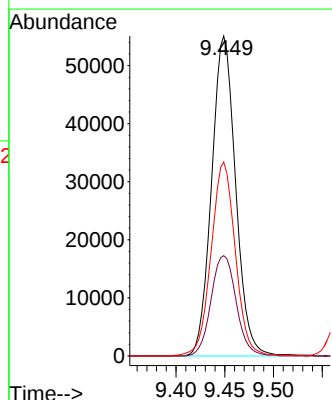
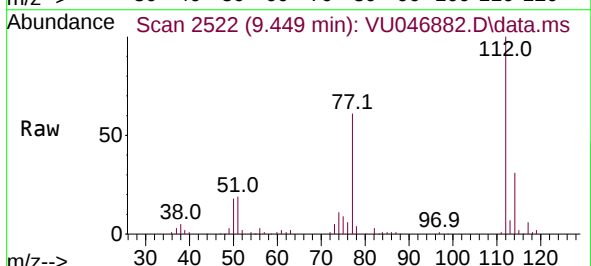
Tgt Ion:112 Resp: 94392

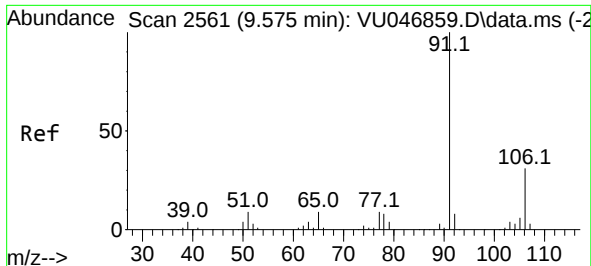
Ion Ratio Lower Upper

112 100

114 31.4 22.1 41.1

77 60.6 48.3 72.5





#52

Ethylbenzene

Concen: 5.007 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

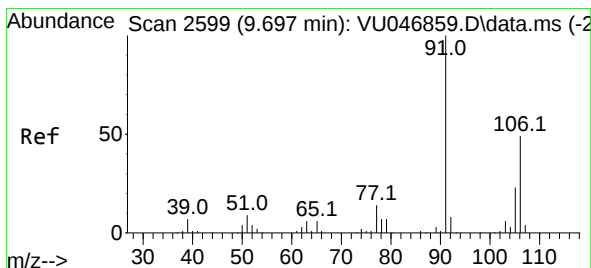
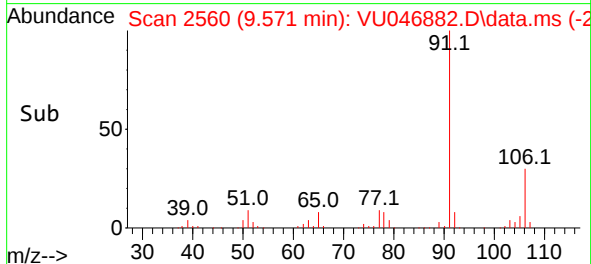
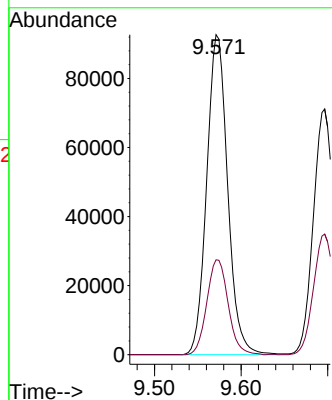
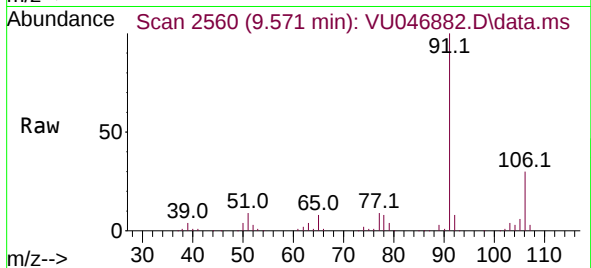
VSTD005175

Tgt Ion: 91 Resp: 155694

Ion Ratio Lower Upper

91 100

106 29.7 21.5 39.9



#53

m,p-Xylene

Concen: 4.925 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU046882.D

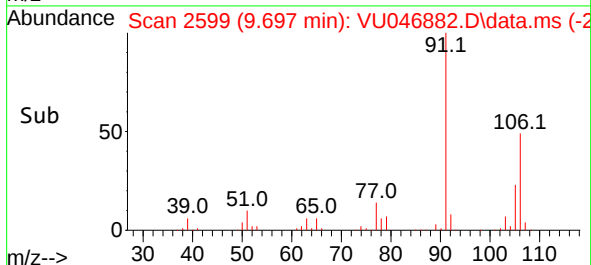
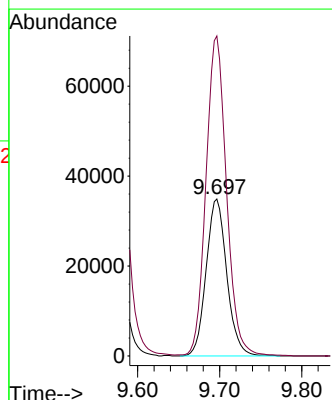
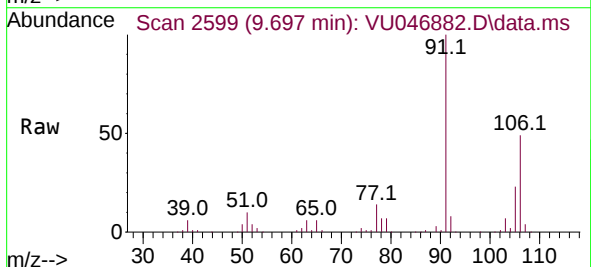
Acq: 27 Jan 2022 20:16

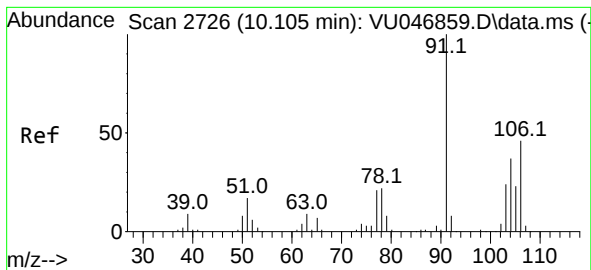
Tgt Ion:106 Resp: 61059

Ion Ratio Lower Upper

106 100

91 203.8 139.4 259.0





#54

o-Xylene

Concen: 4.901 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

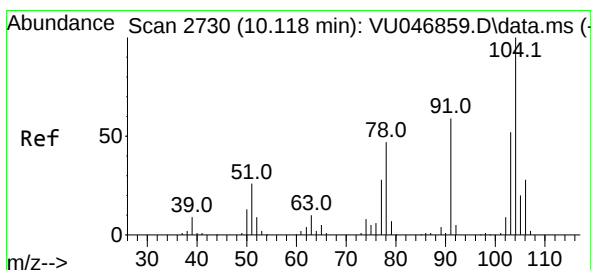
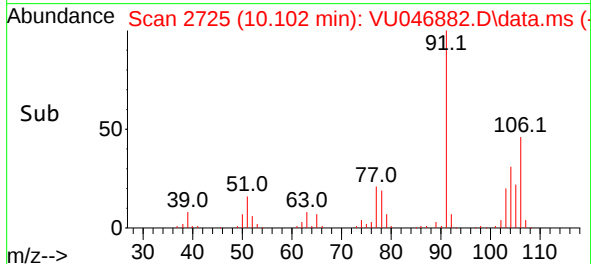
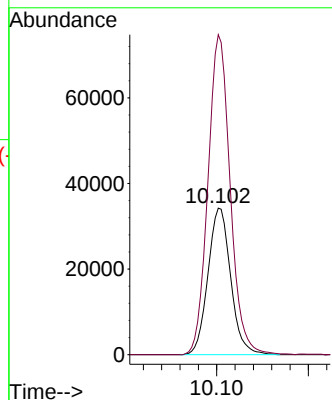
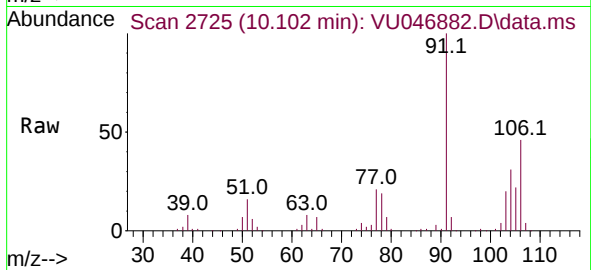
VSTD005175

Tgt Ion:106 Resp: 58894

Ion Ratio Lower Upper

106 100

91 218.4 147.5 273.9



#55

Styrene

Concen: 5.051 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046882.D

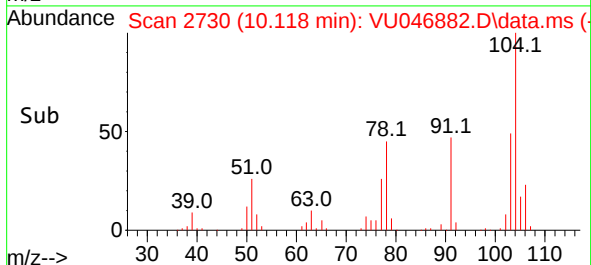
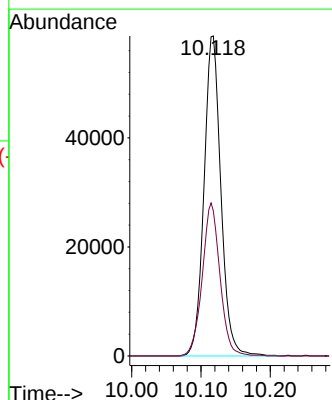
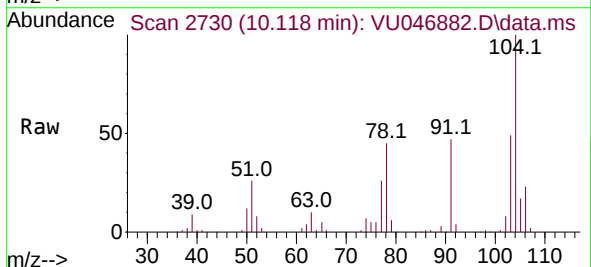
Acq: 27 Jan 2022 20:16

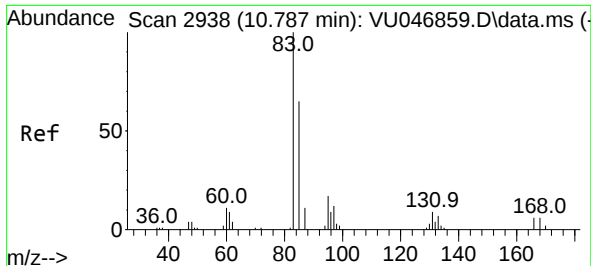
Tgt Ion:104 Resp: 99297

Ion Ratio Lower Upper

104 100

78 45.3 33.0 61.4

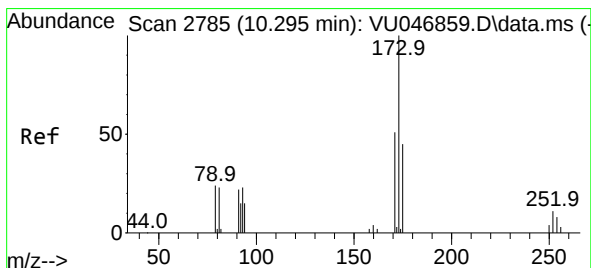
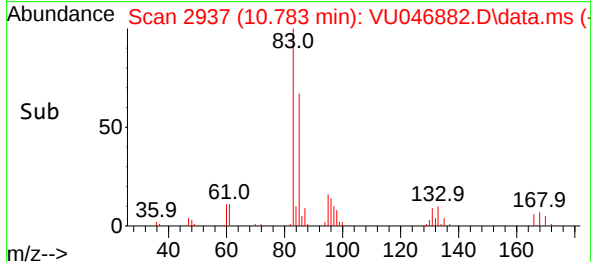
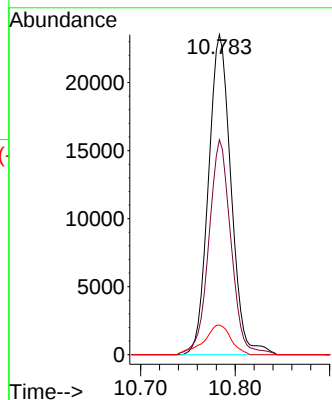
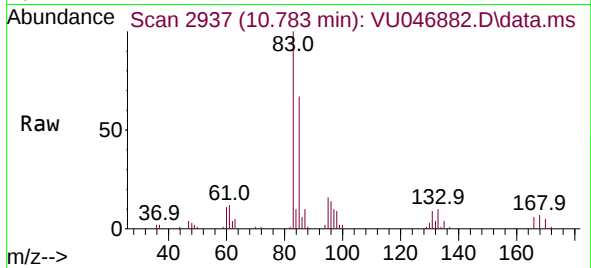




#57
1,1,2,2-Tetrachloroethane
Concen: 5.074 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

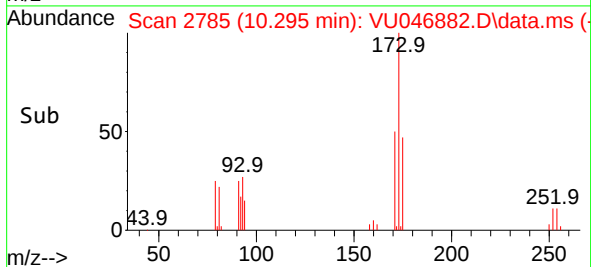
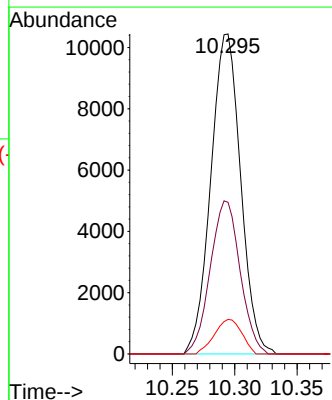
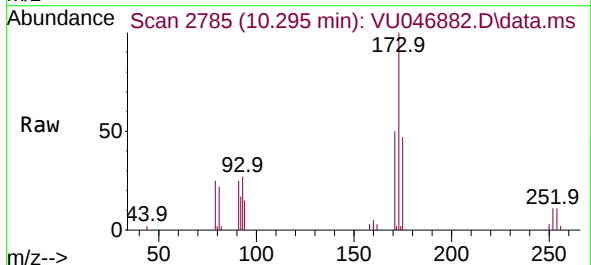
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

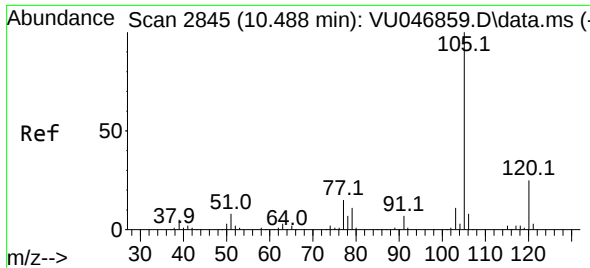
Tgt Ion: 83 Resp: 38974
Ion Ratio Lower Upper
83 100
85 67.1 47.9 89.1
131 9.3 8.1 12.1



#59
Bromoform
Concen: 4.526 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 173 Resp: 17383
Ion Ratio Lower Upper
173 100
175 47.9 37.8 56.6
254 9.9 7.3 10.9

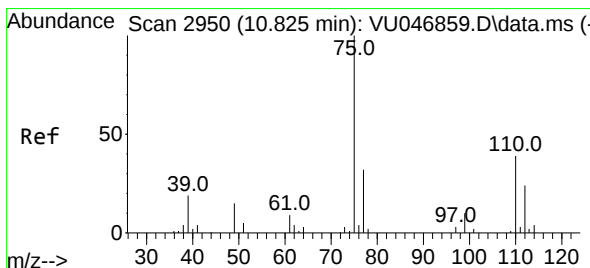
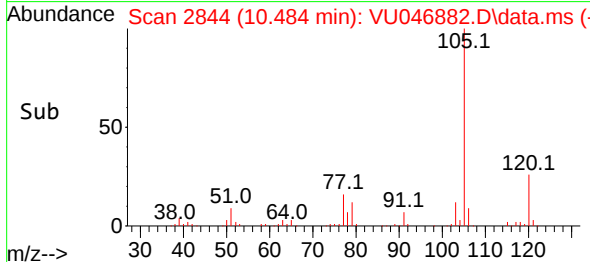
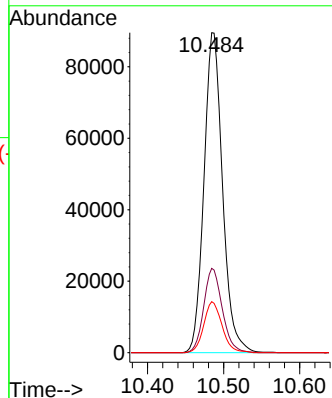
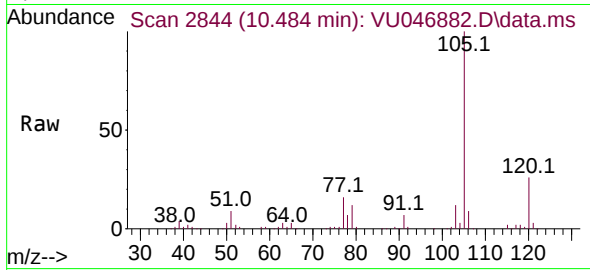




#60
Isopropylbenzene
Concen: 5.234 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

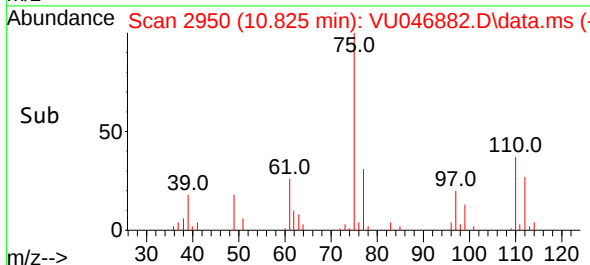
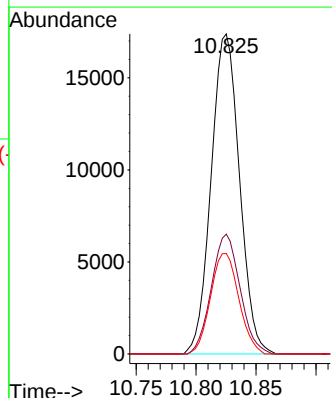
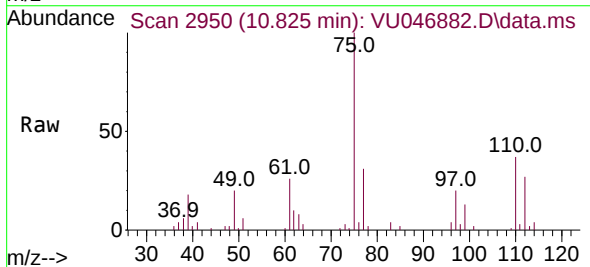
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

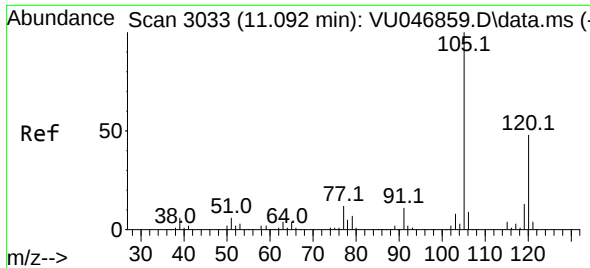
Tgt Ion:105 Resp: 152075
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.403 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion: 75 Resp: 28558
Ion Ratio Lower Upper
75 100
110 37.9 29.9 44.9
77 31.4 25.5 38.3

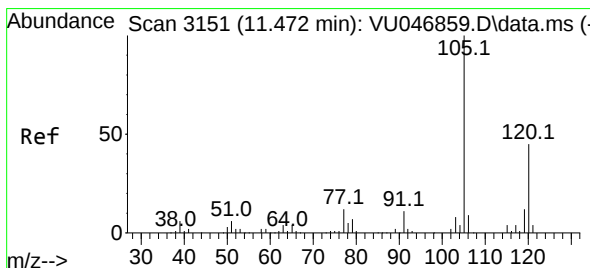
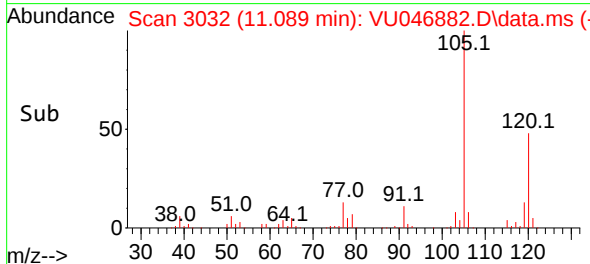
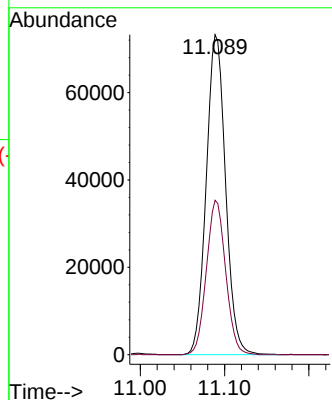
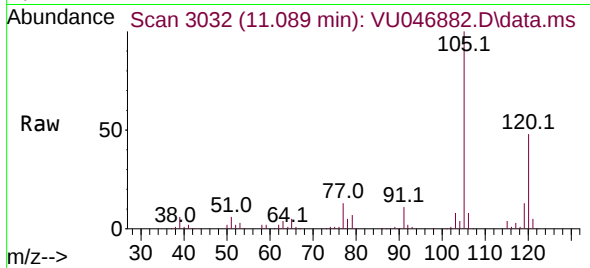




#62
 1,3,5-Trimethylbenzene
 Concen: 4.899 ug/L
 RT: 11.089 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

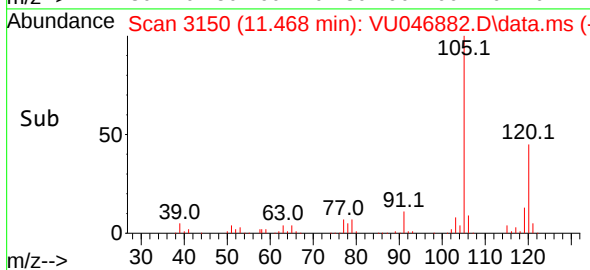
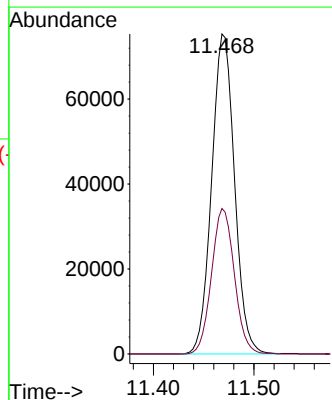
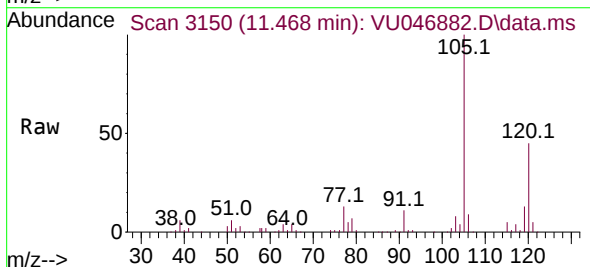
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

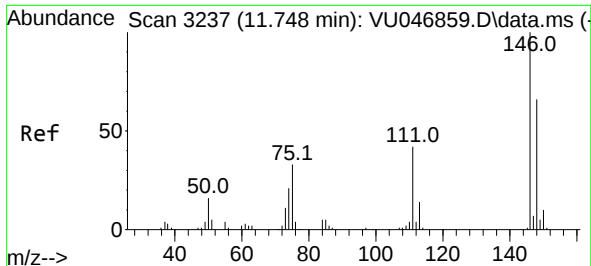
Tgt Ion:105 Resp: 116838
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.852 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

Tgt Ion:105 Resp: 119071
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.8

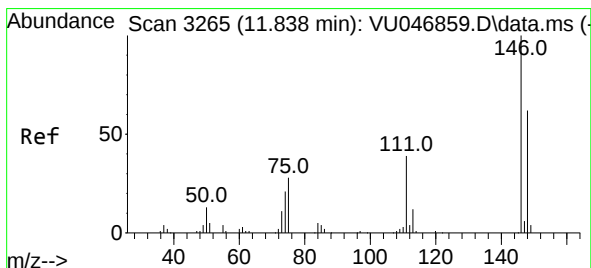
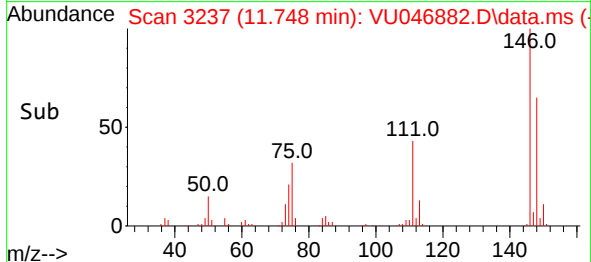
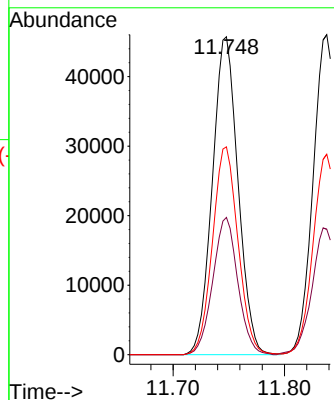
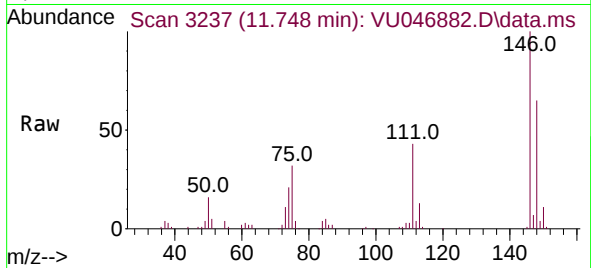




#64
1,3-Dichlorobenzene
Concen: 5.043 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

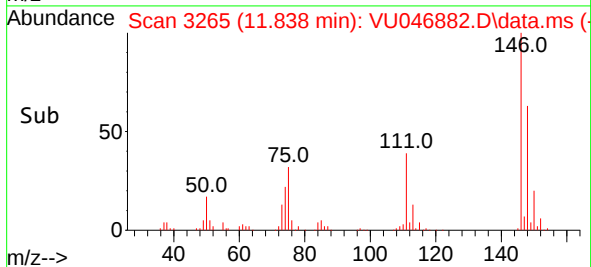
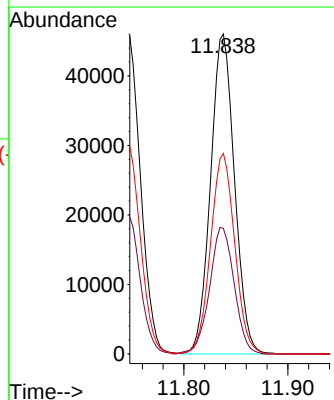
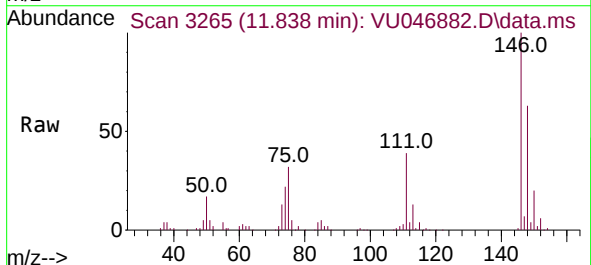
Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

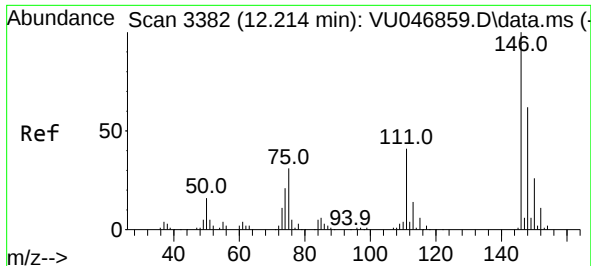
Tgt Ion:146 Resp: 73237
Ion Ratio Lower Upper
146 100
111 43.2 29.9 55.5
148 65.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.042 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion:146 Resp: 73699
Ion Ratio Lower Upper
146 100
111 39.2 28.7 53.3
148 62.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.974 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005175

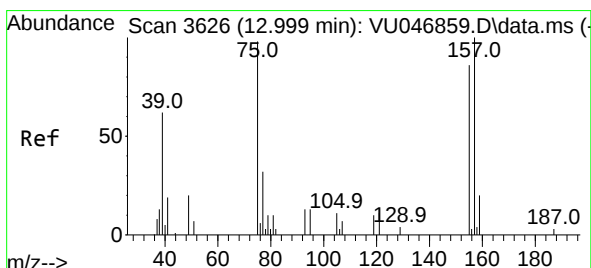
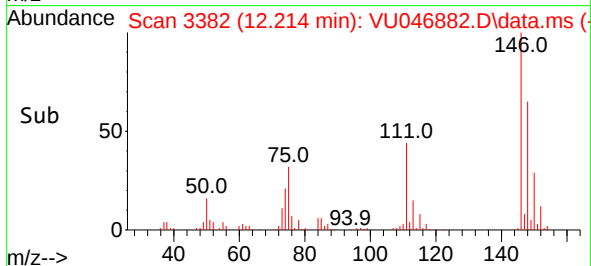
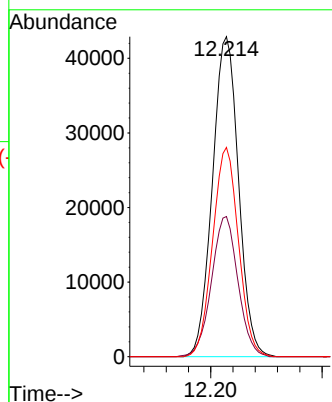
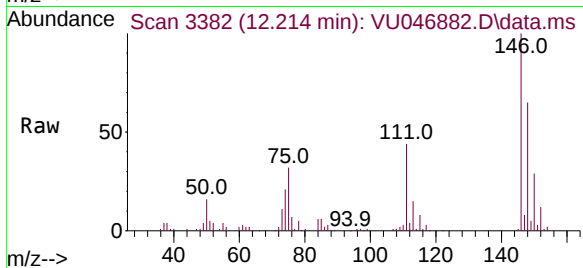
Tgt Ion:146 Resp: 69870

Ion Ratio Lower Upper

146 100

111 43.8 35.4 53.0

148 65.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.168 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046882.D

Acq: 27 Jan 2022 20:16

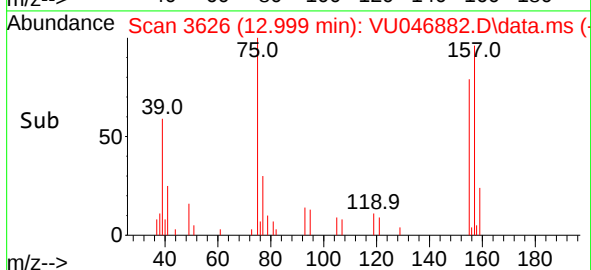
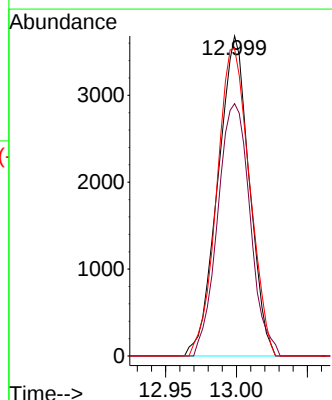
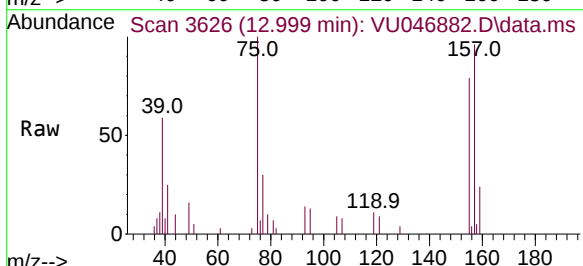
Tgt Ion: 75 Resp: 5670

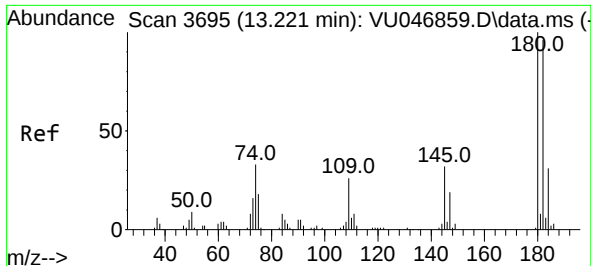
Ion Ratio Lower Upper

75 100

155 78.9 59.2 88.8

157 96.1 76.5 114.7

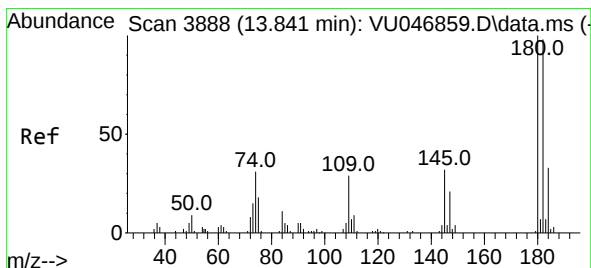
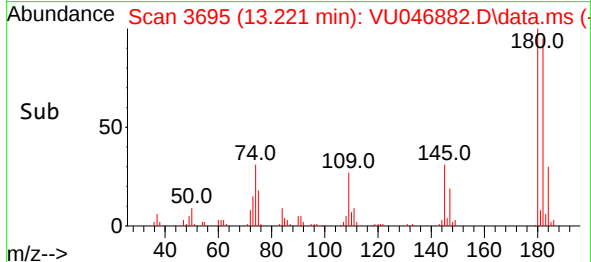
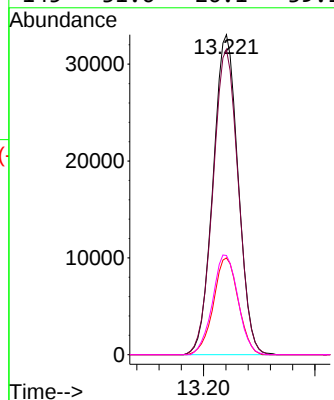
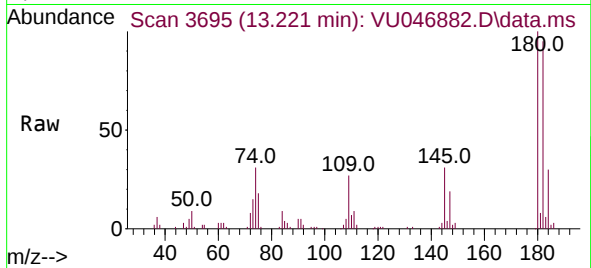




#69
 1,3,5-Trichlorobenzene
 Concen: 4.505 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

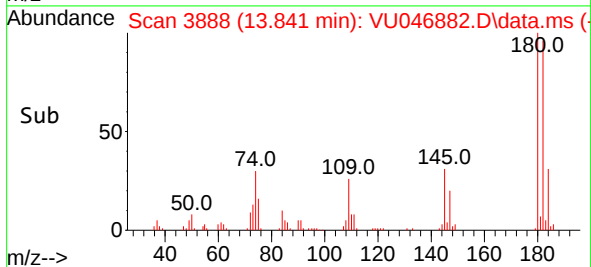
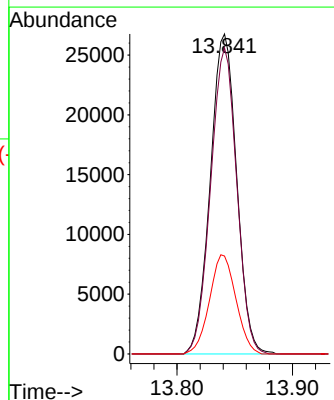
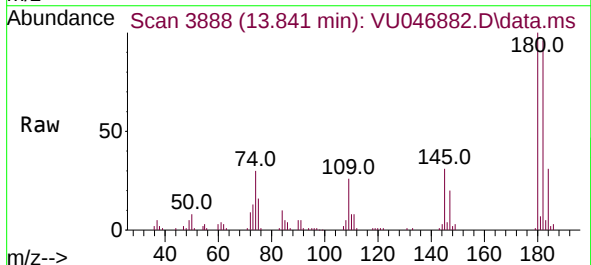
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

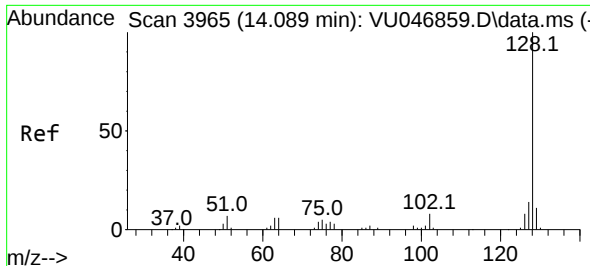
Tgt Ion:	180	Resp:	51586
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.1	114.1
184	30.0	25.0	37.4
145	31.6	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.429 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046882.D
 Acq: 27 Jan 2022 20:16

Tgt Ion:	180	Resp:	42403
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.4	114.6
145	31.1	25.6	38.4

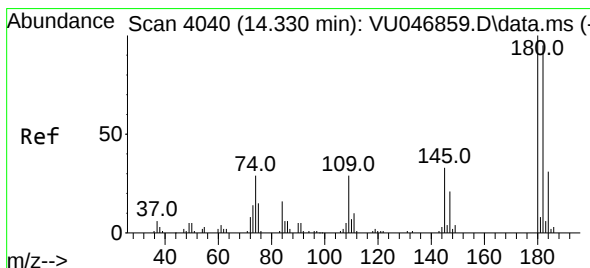
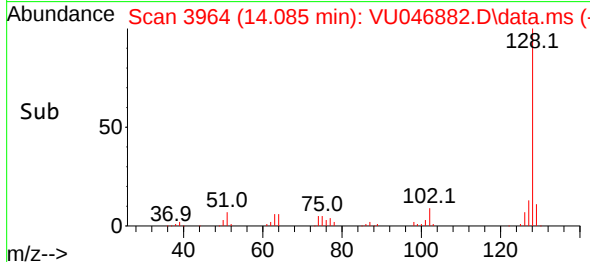
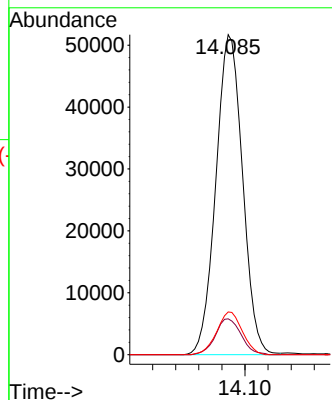
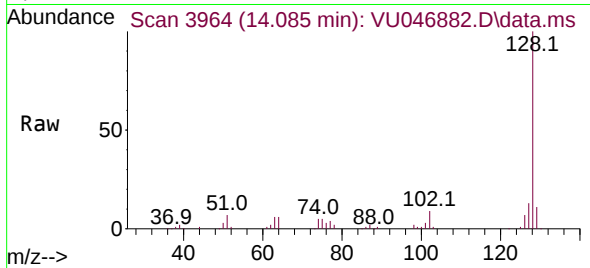




#71
Naphthalene
Concen: 4.252 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005175

Tgt Ion:128 Resp: 82875
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: 4.810 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046882.D
Acq: 27 Jan 2022 20:16

Tgt Ion:180 Resp: 43491
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 32.9 28.4 42.6

