

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046975.D
 Acq On : 01 Feb 2022 19:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Feb 02 02:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51892	5.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%
7) Chloroethane-d5	1.919	69	39925	5.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	20278	5.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.649	46	112347	40.680	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.360%
24) Chloroform-d	5.070	84	82136	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.706	65	42951	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.732	84	160619	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	49710	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.899	98	145695	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.182	79	19819	4.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	108519	37.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46829	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	49243	3.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49309	4.765	ug/L	98
3) Chloromethane	1.527	50	52976	6.216	ug/L	100
5) Vinyl chloride	1.607	62	51935	5.853	ug/L	100
6) Bromomethane	1.864	94	30842	5.556	ug/L	97
8) Chloroethane	1.941	64	31598	6.187	ug/L	97
9) Trichlorofluoromethane	2.147	101	62841	5.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35632	5.543	ug/L	98
12) 1,1-Dichloroethene	2.588	96	35079	5.710	ug/L	85
13) Acetone	2.665	43	56498	37.613	ug/L	95
14) Carbon disulfide	2.800	76	106002	5.254	ug/L	100
15) Methyl Acetate	2.967	43	13690	4.173	ug/L	98
16) Methylene chloride	3.054	84	40322	5.435	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	78873	4.576	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	34839	5.236	ug/L	93
19) 1,1-Dichloroethane	3.877	63	66550	5.958	ug/L	99
21) 2-Butanone	4.726	43	95812	39.662	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	36831	5.247	ug/L	100
23) Bromochloromethane	4.980	128	18661	5.404	ug/L	96
25) Chloroform	5.092	83	69985	3.947	ug/L	97

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 Acq On : 01 Feb 2022 19:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Feb 02 02:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

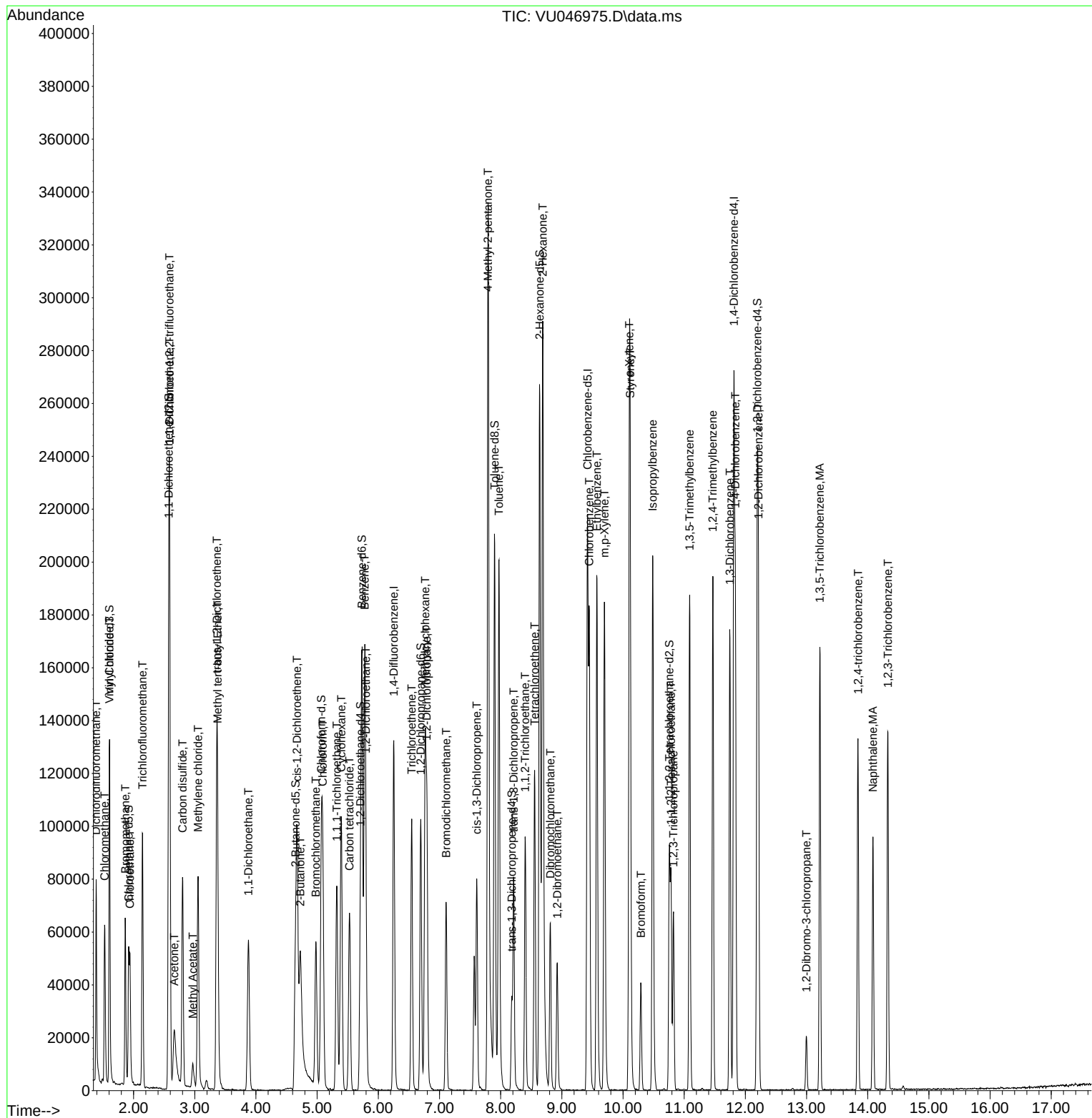
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	44431	5.678	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	56841	5.023	ug/L	99
30) Cyclohexane	5.395	56	47653	4.152	ug/L	99
31) Carbon tetrachloride	5.526	117	47779	4.921	ug/L	98
33) Benzene	5.777	78	148952	5.036	ug/L	100
34) Trichloroethene	6.546	95	36210	4.715	ug/L	97
35) Methylcyclohexane	6.767	83	48349	3.758	ug/L	97
37) 1,2-Dichloropropane	6.793	63	39700	5.471	ug/L	99
38) Bromodichloromethane	7.108	83	47994	4.596	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	49595	4.380	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	247441	46.513	ug/L	100
42) Toluene	7.973	91	158659	4.488	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	46060	4.566	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	31286	5.068	ug/L	98
47) Tetrachloroethene	8.555	164	27119	4.342	ug/L	95
48) 2-Hexanone	8.687	43	193369	48.156	ug/L	98
49) Dibromochloromethane	8.812	129	33825	4.645	ug/L	96
50) 1,2-Dibromoethane	8.925	107	29547	4.722	ug/L	100
51) Chlorobenzene	9.449	112	93813	4.569	ug/L	99
52) Ethylbenzene	9.571	91	148779	4.426	ug/L	100
53) m,p-Xylene	9.697	106	58068	4.333	ug/L	97
54) o-Xylene	10.102	106	54823	4.221	ug/L	92
55) Styrene	10.118	104	96183	4.527	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	40602	4.890	ug/L	93
59) Bromoform	10.291	173	18294	4.360	ug/L	98
60) Isopropylbenzene	10.484	105	141225	4.449	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29090	5.039	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	103803	3.984	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	106669	3.979	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	72133	4.547	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	72035	4.512	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69124	4.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5603	4.676	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	50586	4.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	39423	3.770	ug/L	99
71) Naphthalene	14.086	128	75026	3.524	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40492	4.099	ug/L	97

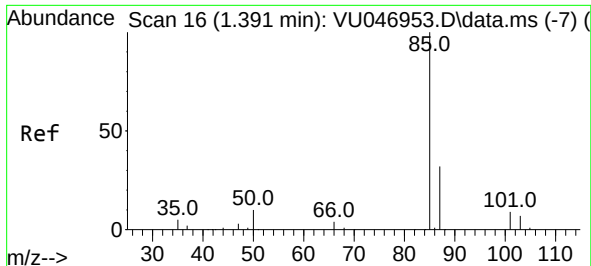
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Data File : VU046975.D
Acq On : 01 Feb 2022 19:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

Quant Time: Feb 02 02:07:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 02 02:02:08 2022
Response via : Initial Calibration

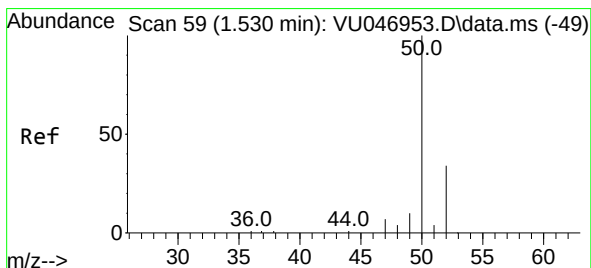
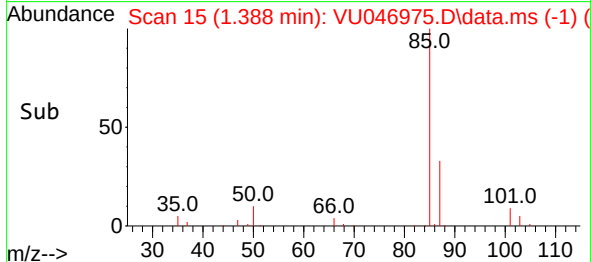
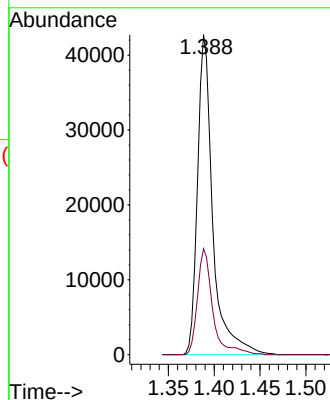
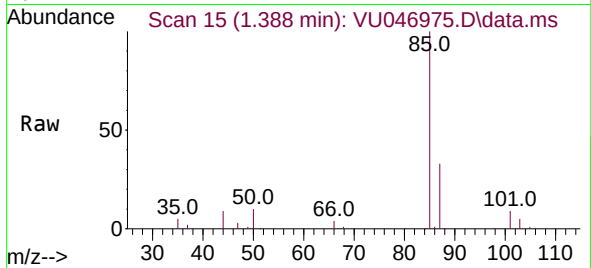




#2
Dichlorodifluoromethane
Concen: 4.765 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

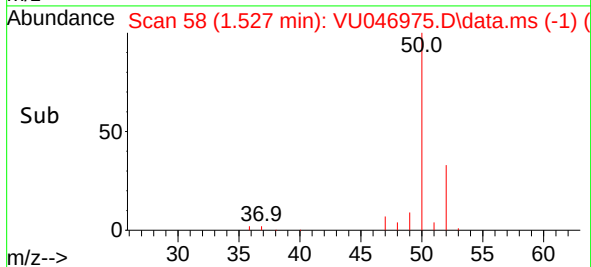
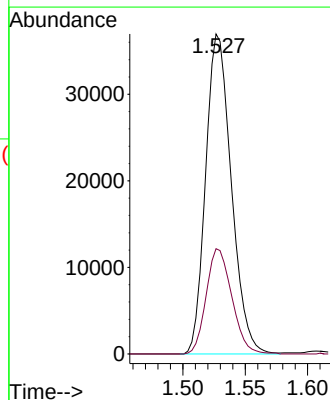
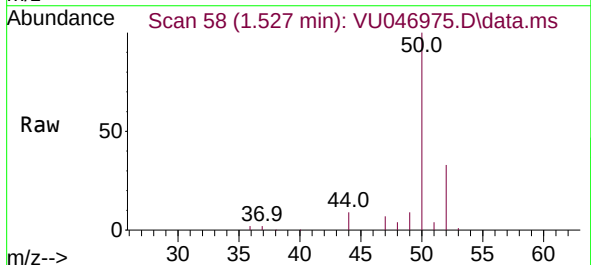
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

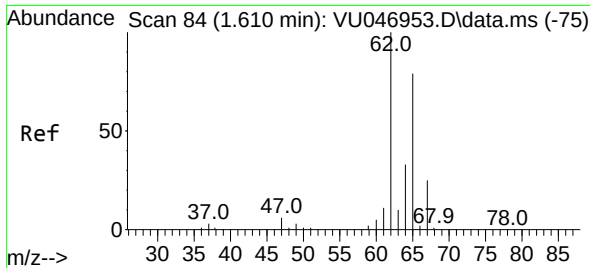
Tgt Ion: 85 Resp: 49309
Ion Ratio Lower Upper
85 100
87 33.2 25.8 38.6



#3
Chloromethane
Concen: 6.216 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 50 Resp: 52976
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

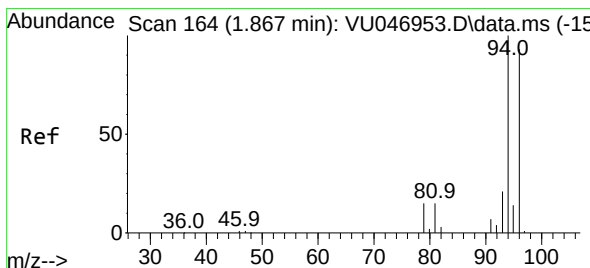
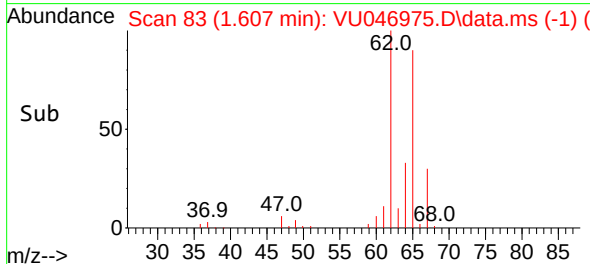
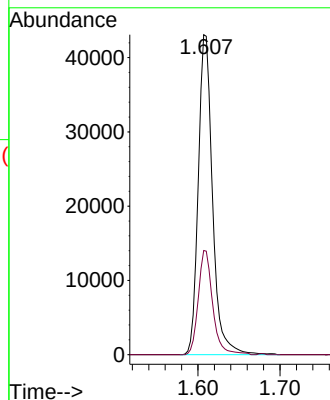
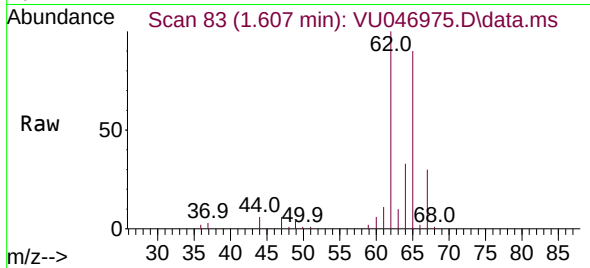




#5
 Vinyl chloride
 Concen: 5.853 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

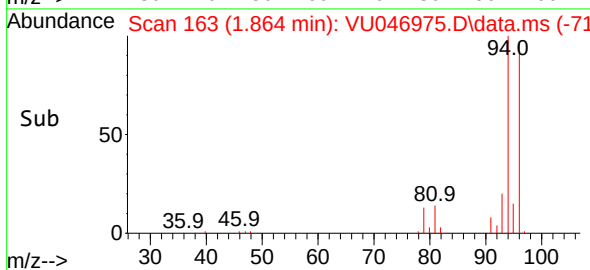
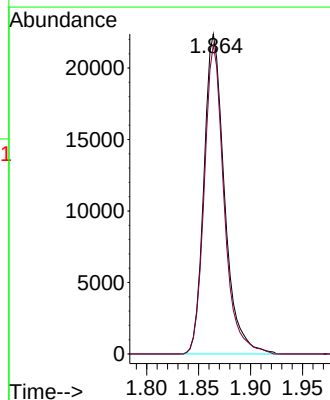
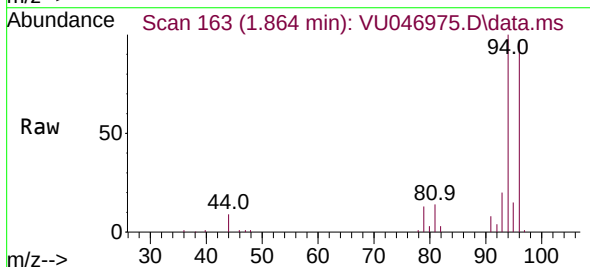
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

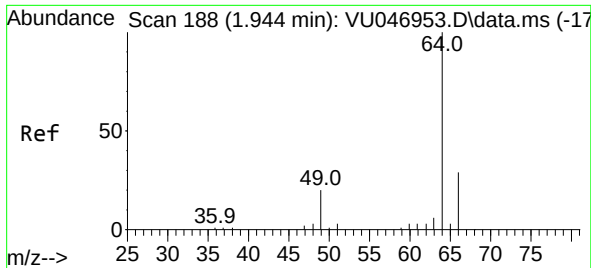
Tgt Ion: 62 Resp: 51935
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.556 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

Tgt Ion: 94 Resp: 30842
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.5 121.6

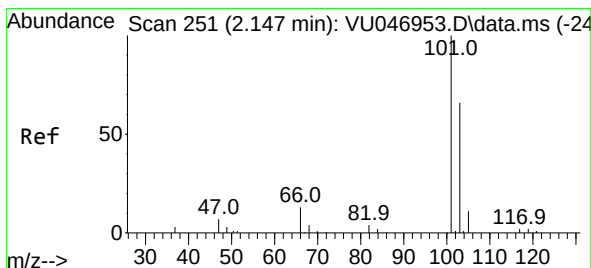
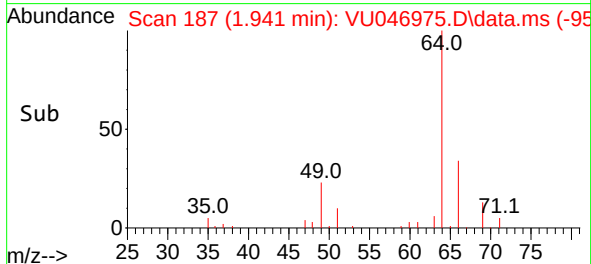
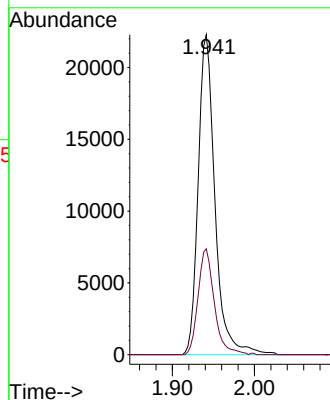
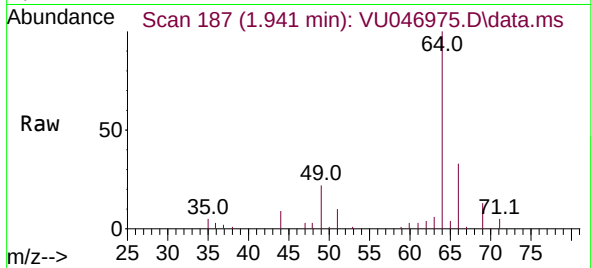




#8
Chloroethane
Concen: 6.187 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

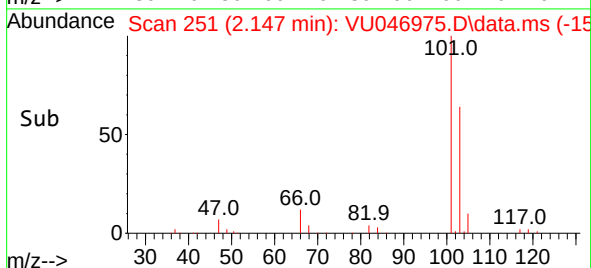
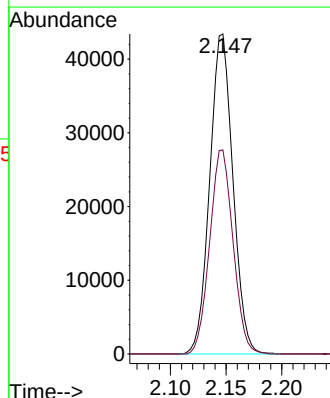
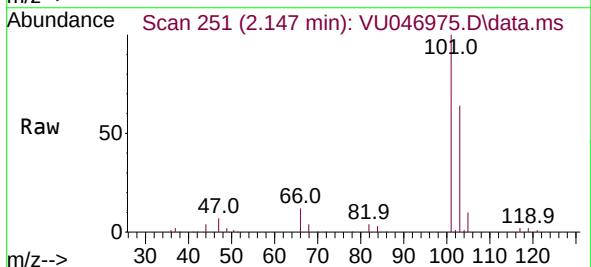
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

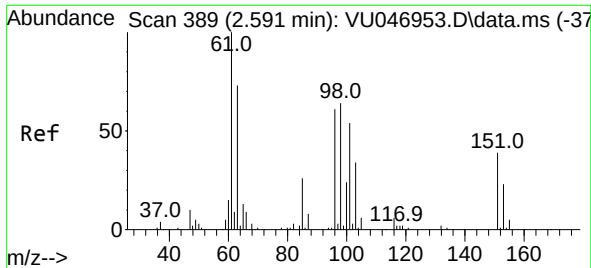
Tgt Ion: 64 Resp: 31598
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.813 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:101 Resp: 62841
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

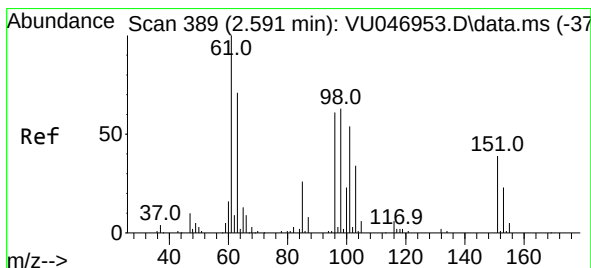
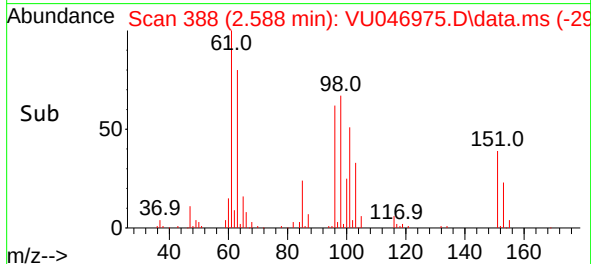
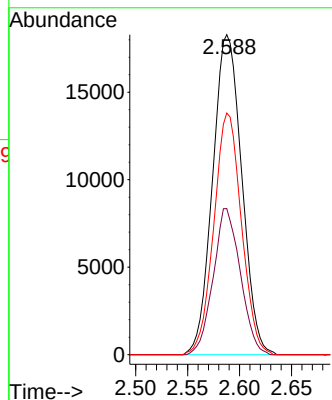
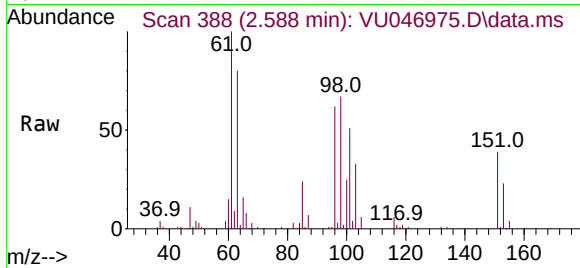




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.543 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

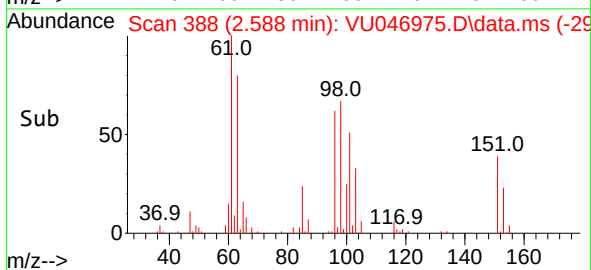
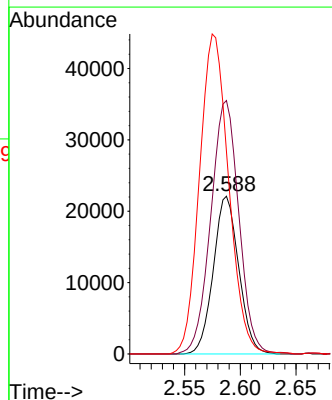
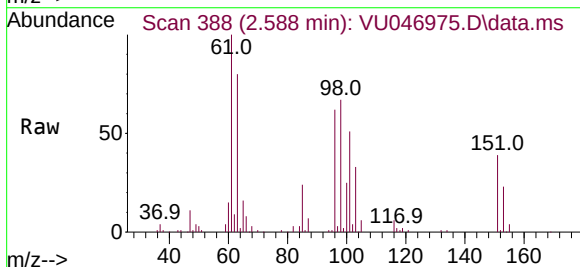
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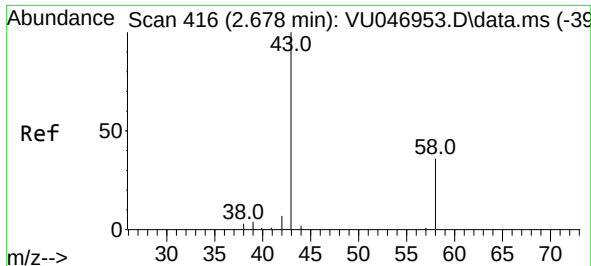
Tgt Ion:101 Resp: 35632
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.6 51.8
 151 71.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.710 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

Tgt Ion: 96 Resp: 35079
 Ion Ratio Lower Upper
 96 100
 61 160.7 124.7 231.5
 63 128.5 105.2 195.4





#13

Acetone

Concen: 37.613 ug/L

RT: 2.665 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

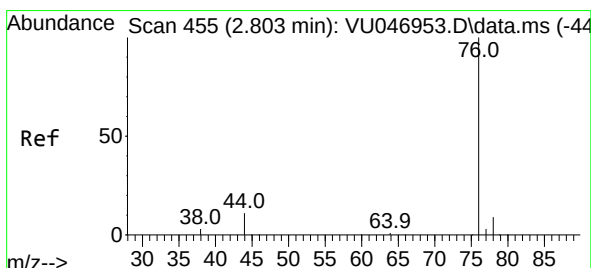
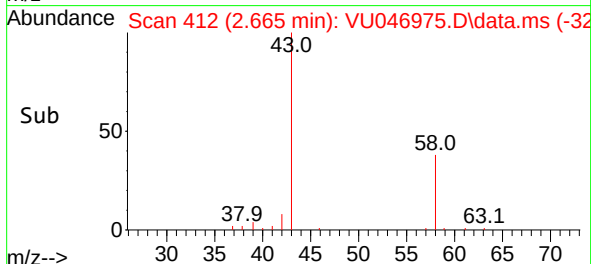
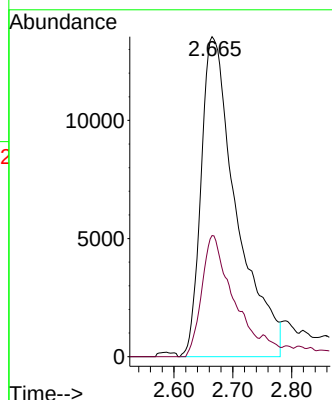
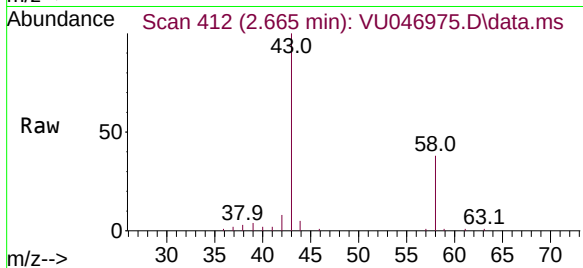
VSTD005182

Tgt Ion: 43 Resp: 56498

Ion Ratio Lower Upper

43 100

58 32.8 0.0 71.6



#14

Carbon disulfide

Concen: 5.254 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU046975.D

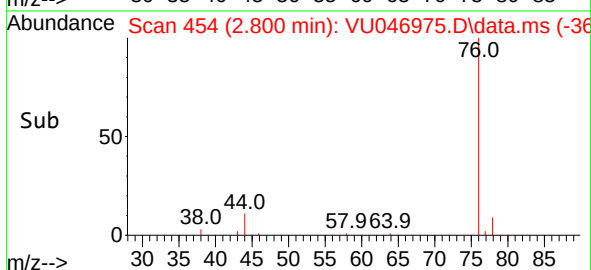
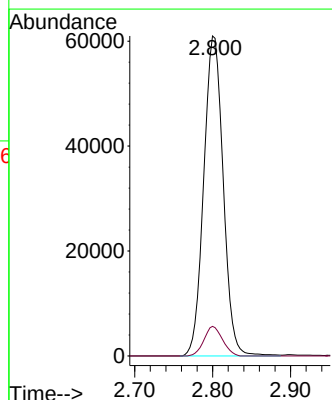
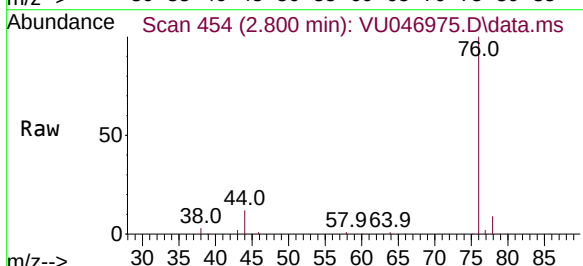
Acq: 01 Feb 2022 19:52

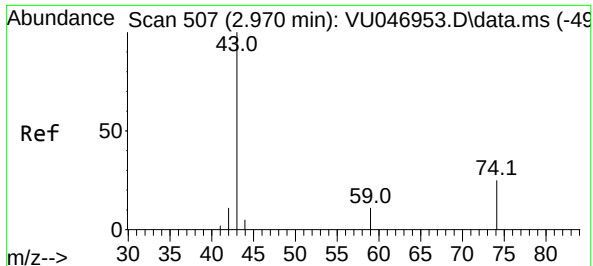
Tgt Ion: 76 Resp: 106002

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

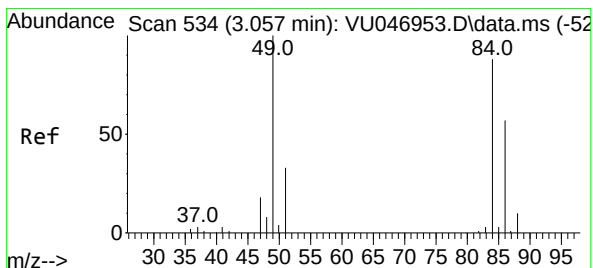
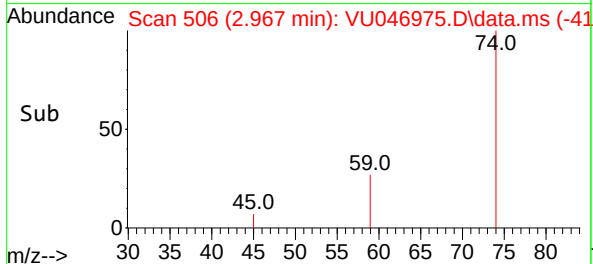
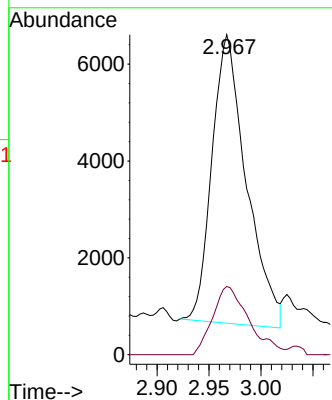
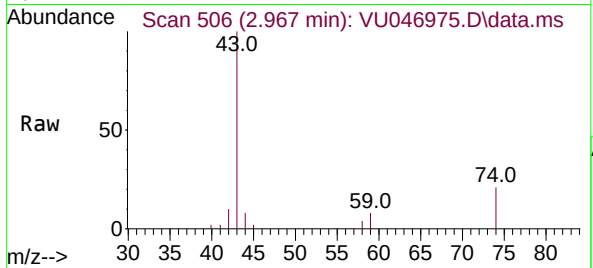




#15
Methyl Acetate
Concen: 4.173 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

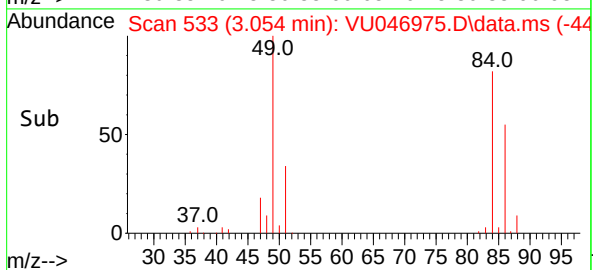
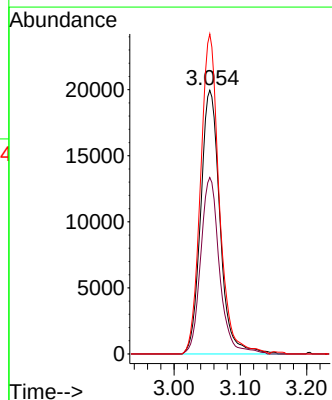
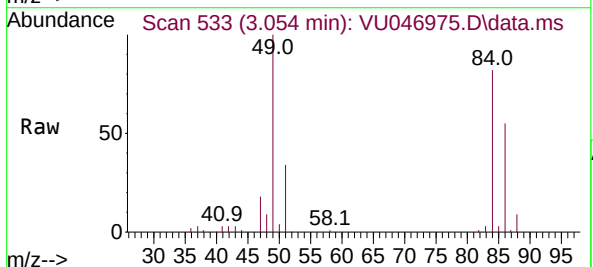
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

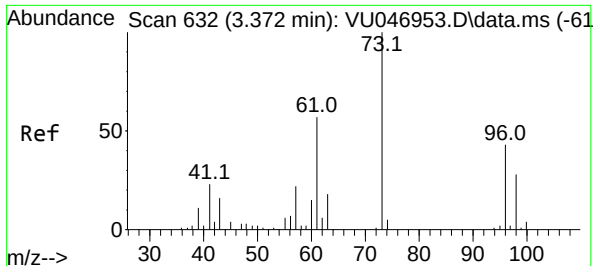
Tgt Ion: 43 Resp: 13690
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7



#16
Methylene chloride
Concen: 5.435 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 84 Resp: 40322
Ion Ratio Lower Upper
84 100
86 66.9 45.8 85.0
49 121.3 84.5 156.9

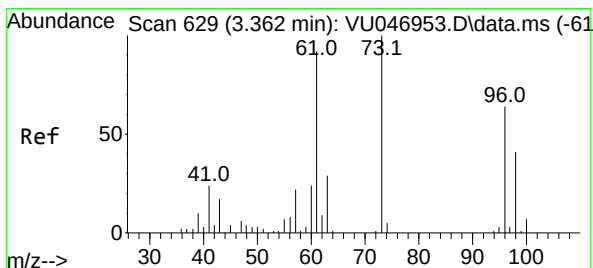
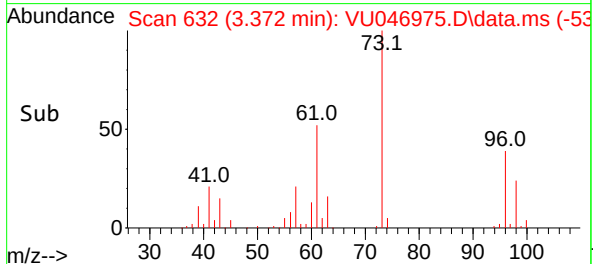
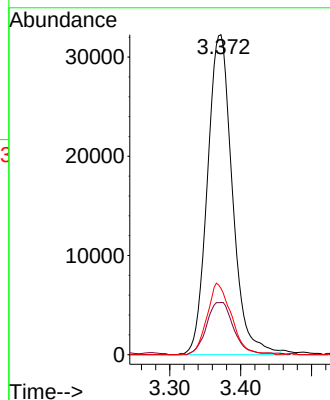
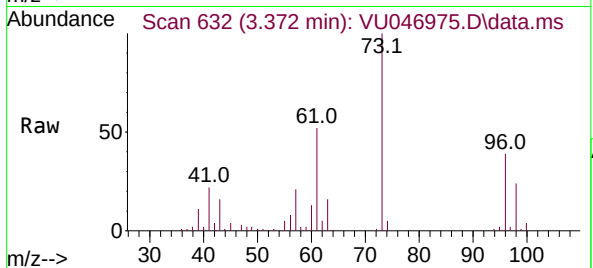




#17
Methyl tert-butyl Ether
Concen: 4.576 ug/L
RT: 3.372 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

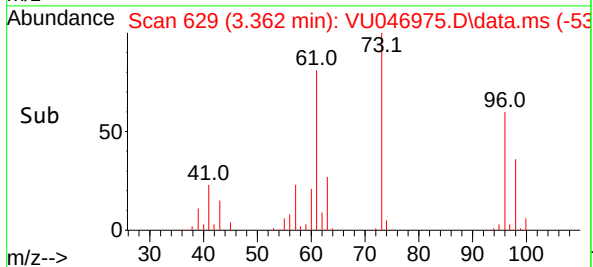
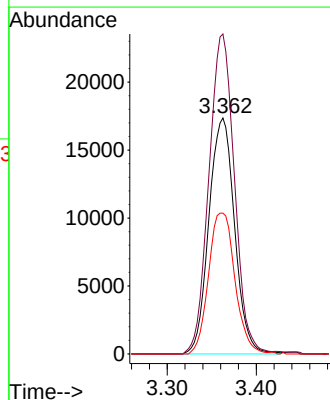
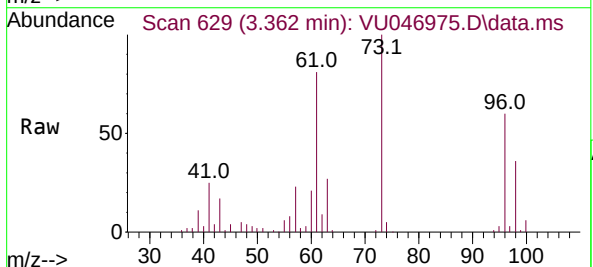
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

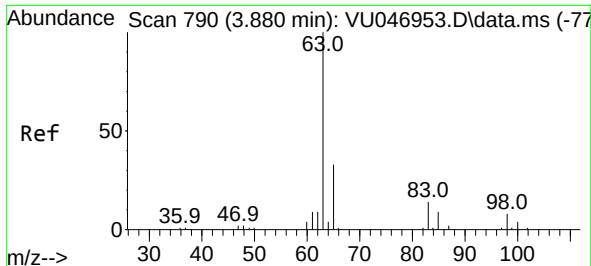
Tgt Ion: 73	Resp: 78873
Ion Ratio	Lower Upper
73 100	
43 17.6	14.8 22.2
57 21.8	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.236 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 96	Resp:	34839	
Ion	Ratio	Lower	Upper
96	100		
61	135.6	100.8	187.2
98	59.7	45.1	83.7

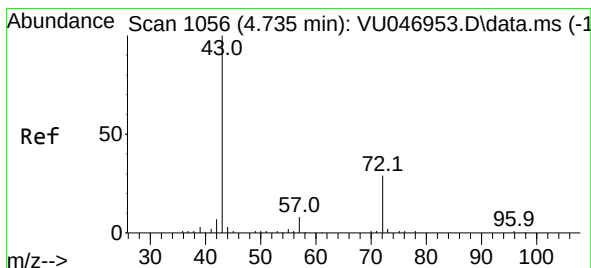
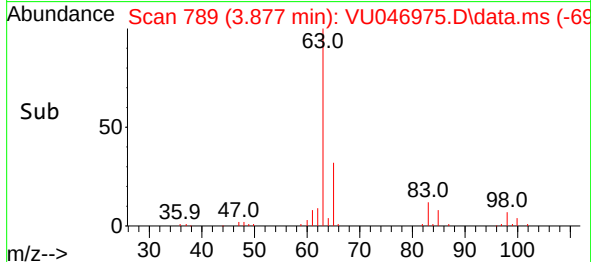
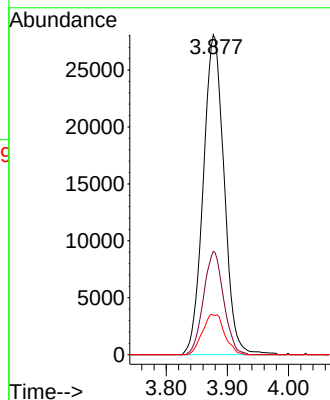
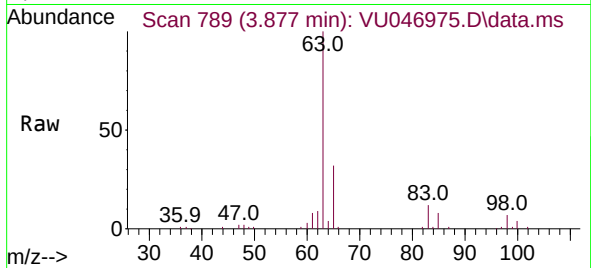




#19
 1,1-Dichloroethane
 Concen: 5.958 ug/L
 RT: 3.877 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

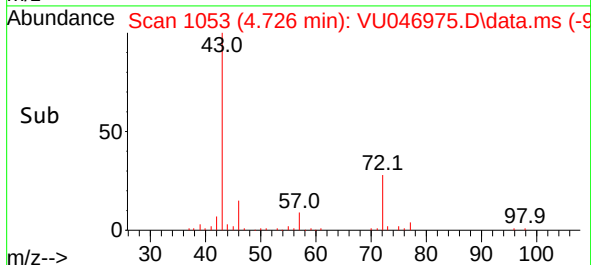
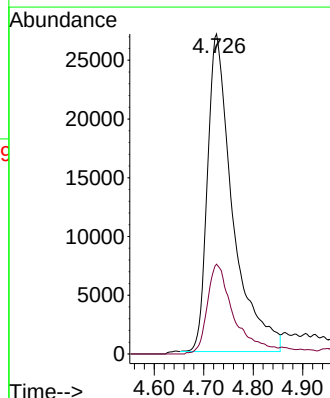
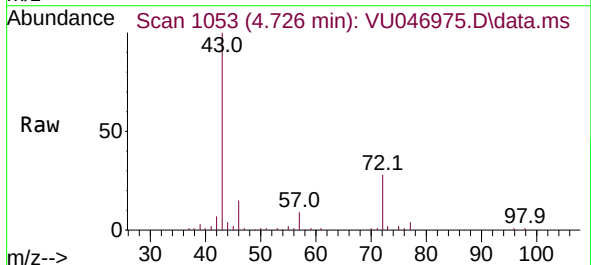
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

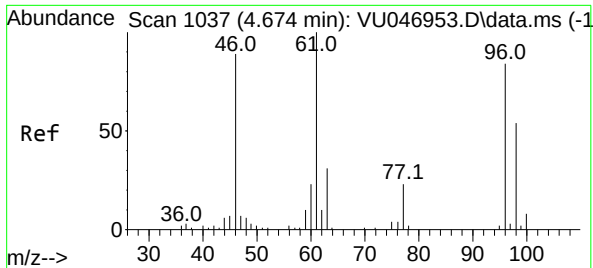
Tgt Ion: 63 Resp: 66550
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.3 41.5
 83 12.4 9.6 17.8



#21
 2-Butanone
 Concen: 39.662 ug/L
 RT: 4.726 min Scan# 1053
 Delta R.T. -0.010 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

Tgt Ion: 43 Resp: 95812
 Ion Ratio Lower Upper
 43 100
 72 30.0 14.1 42.3

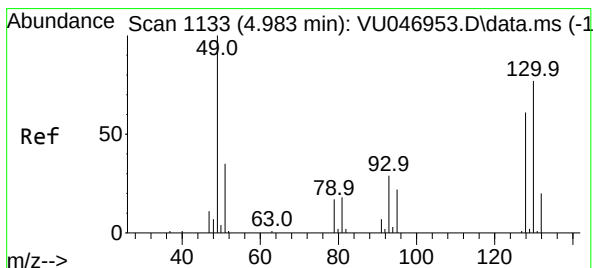
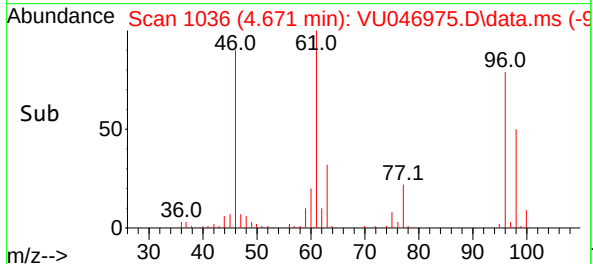
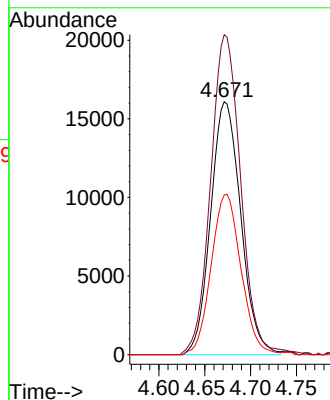
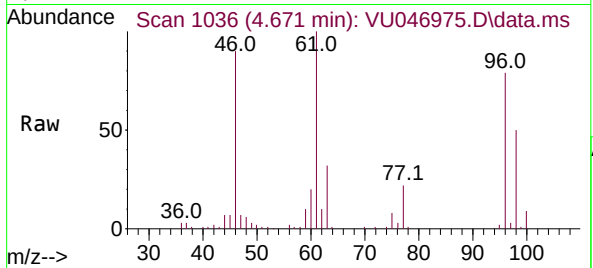




#22
 cis-1,2-Dichloroethene
 Concen: 5.247 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

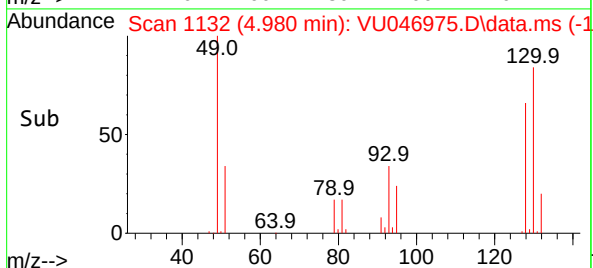
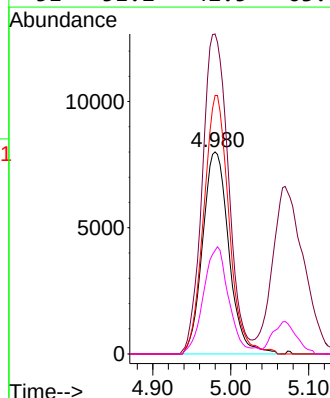
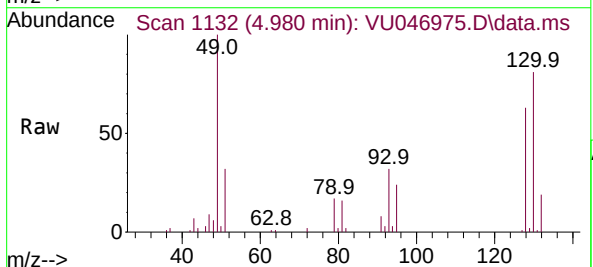
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

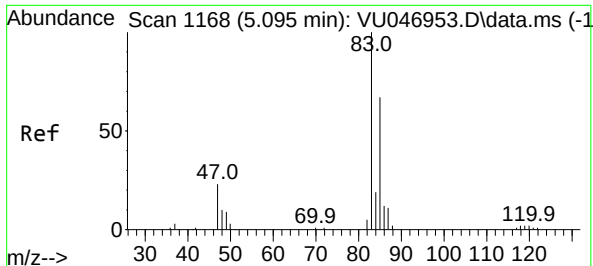
Tgt Ion: 96	Resp: 36831
Ion Ratio	Lower Upper
96 100	
61 126.5	88.5 164.3
98 63.0	44.4 82.5



#23
 Bromochloromethane
 Concen: 5.404 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.003 min
 Lab File: VU046975.D
 Acq: 01 Feb 2022 19:52

Tgt	Ion:128	Resp:	18661
Ion	Ratio	Lower	Upper
128	100		
49	158.3	117.0	217.2
130	127.9	88.2	163.8
51	51.2	42.5	63.7





#25

Chloroform

Concen: 3.947 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

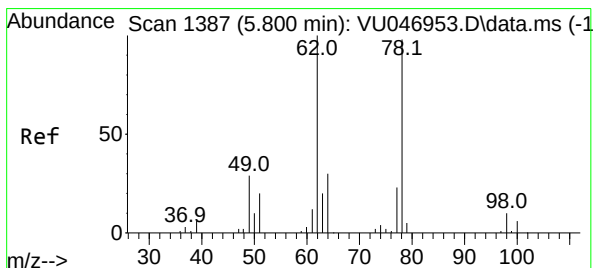
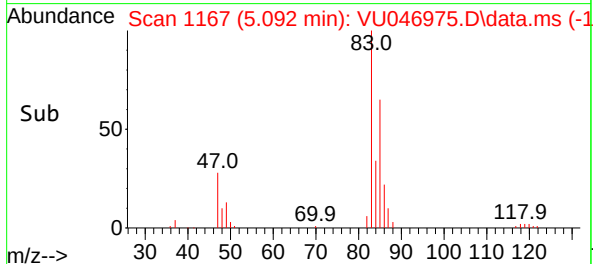
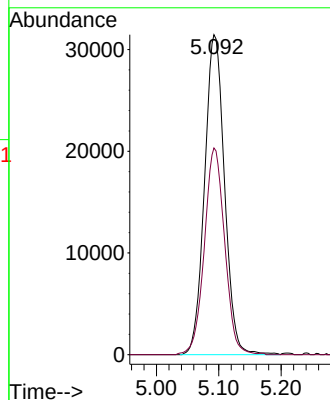
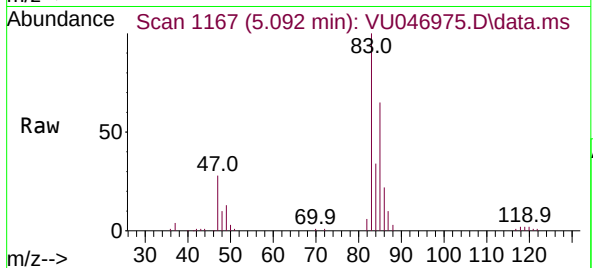
VSTD005182

Tgt Ion: 83 Resp: 69985

Ion Ratio Lower Upper

83 100

85 64.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.678 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046975.D

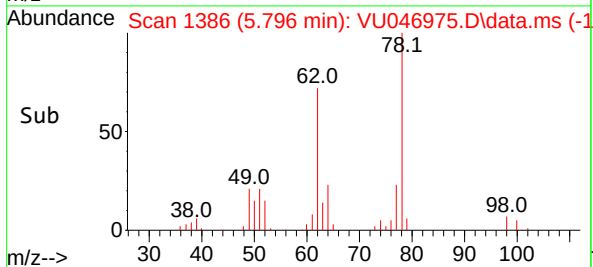
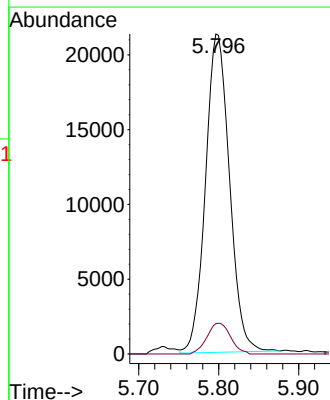
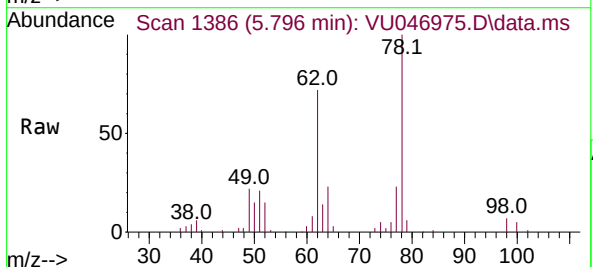
Acq: 01 Feb 2022 19:52

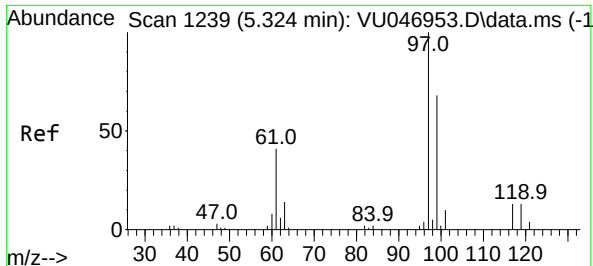
Tgt Ion: 62 Resp: 44431

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.023 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005182

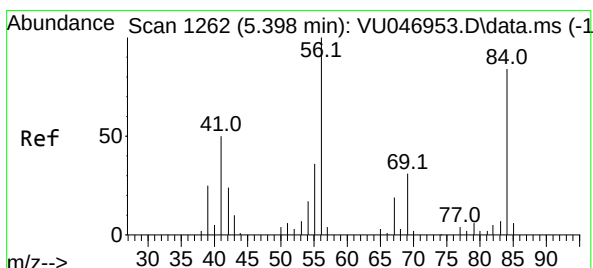
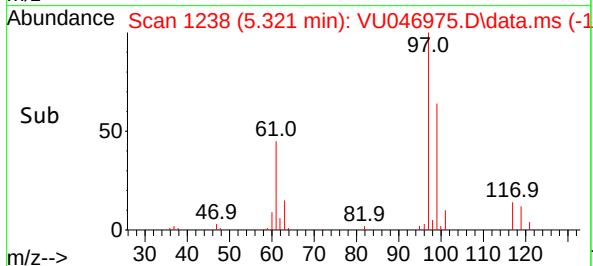
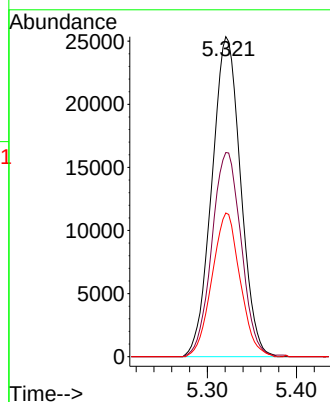
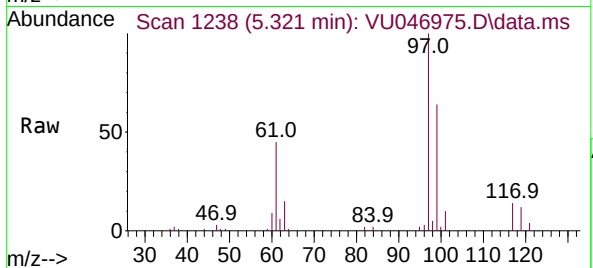
Tgt Ion: 97 Resp: 56841

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 43.9 36.1 54.1



#30

Cyclohexane

Concen: 4.152 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

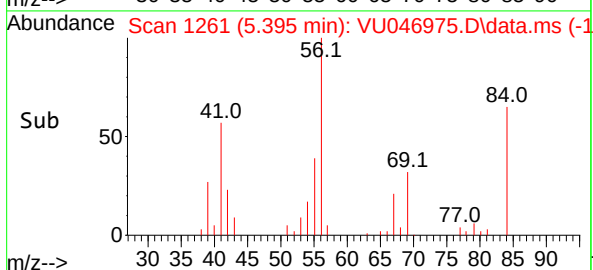
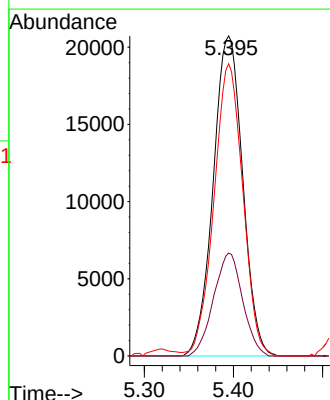
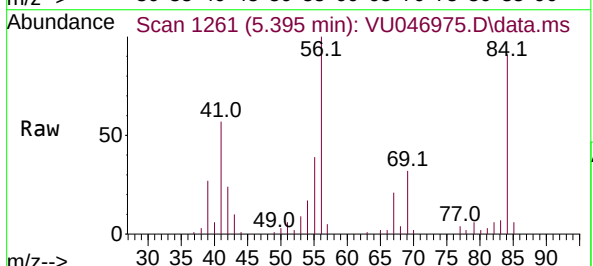
Tgt Ion: 56 Resp: 47653

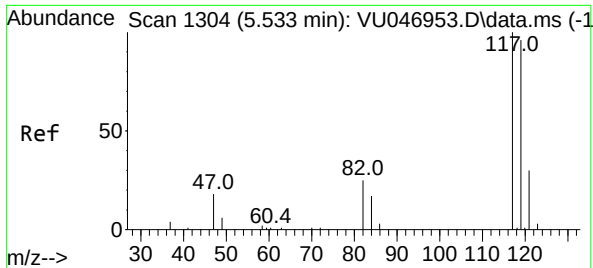
Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 89.4 71.8 107.6

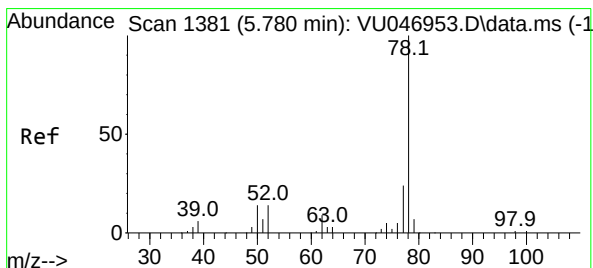
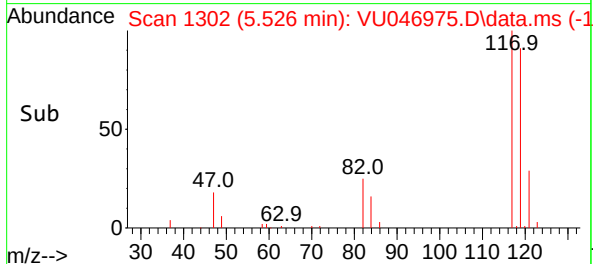
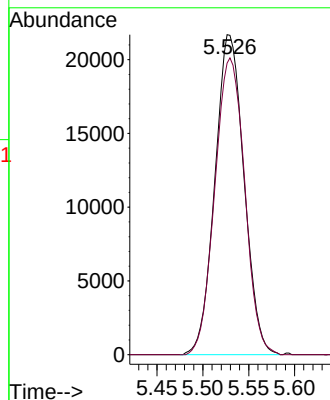
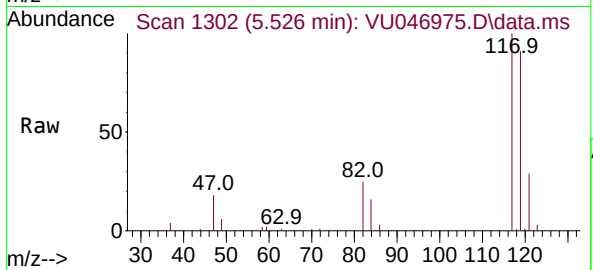




#31
Carbon tetrachloride
Concen: 4.921 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

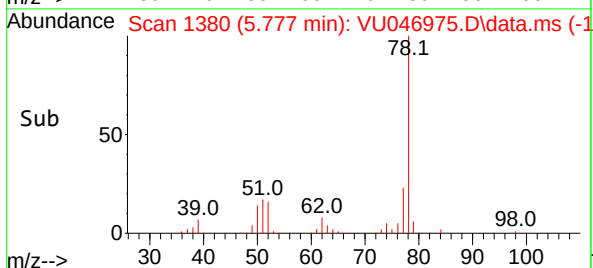
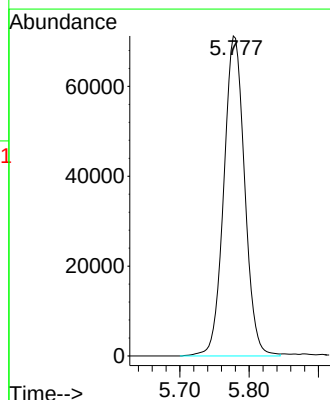
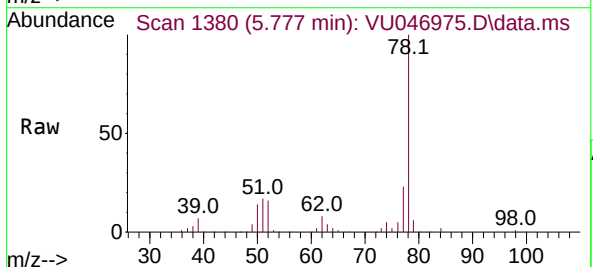
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

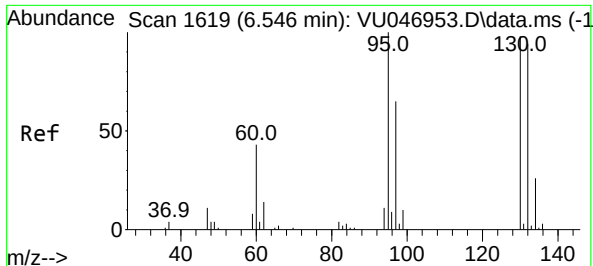
Tgt Ion:117 Resp: 47779
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3



#33
Benzene
Concen: 5.036 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 78 Resp: 148952

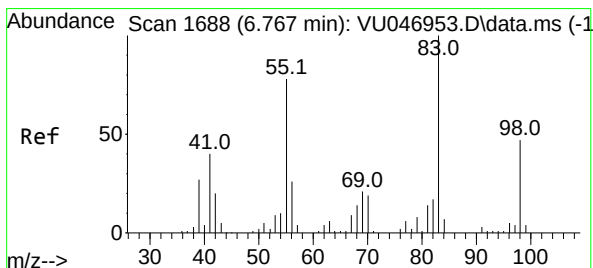
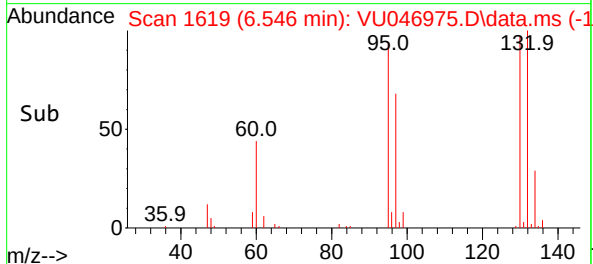
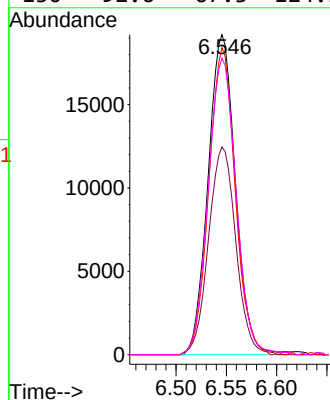
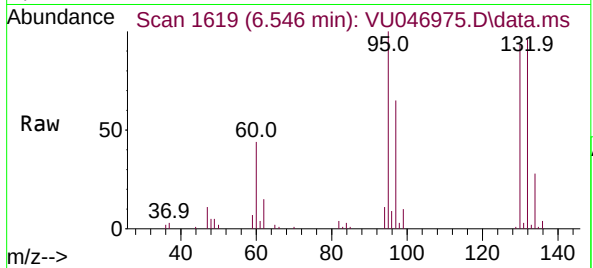




#34
Trichloroethene
Concen: 4.715 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

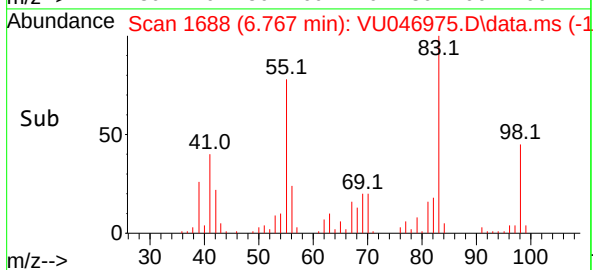
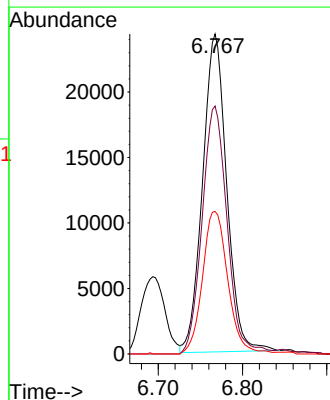
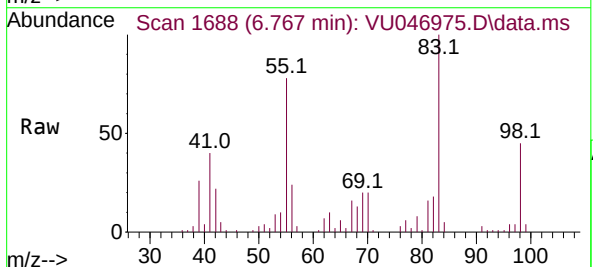
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

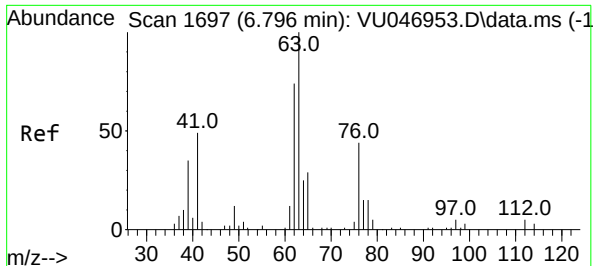
Tgt Ion: 95 Resp: 36210
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 96.0 65.1 120.9
130 92.6 67.3 124.9



#35
Methylcyclohexane
Concen: 3.758 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 83 Resp: 48349
Ion Ratio Lower Upper
83 100
55 80.8 61.9 92.9
98 47.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.471 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

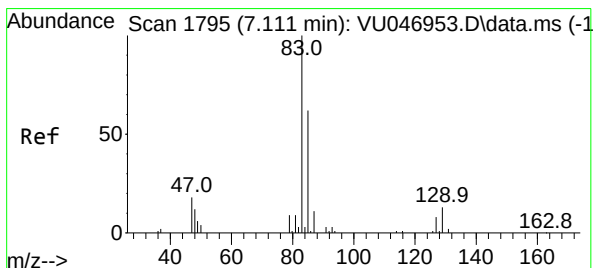
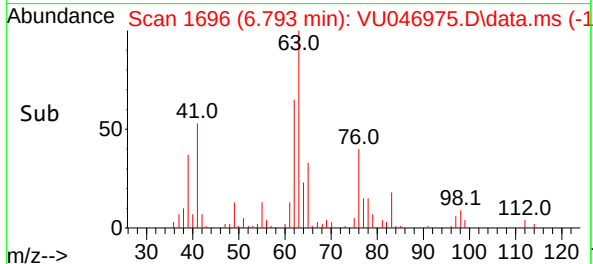
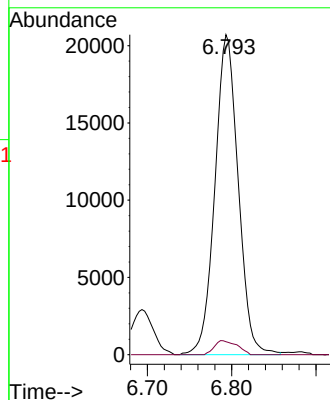
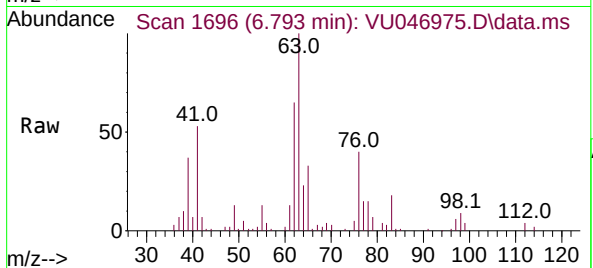
VSTD005182

Tgt Ion: 63 Resp: 39700

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 4.596 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

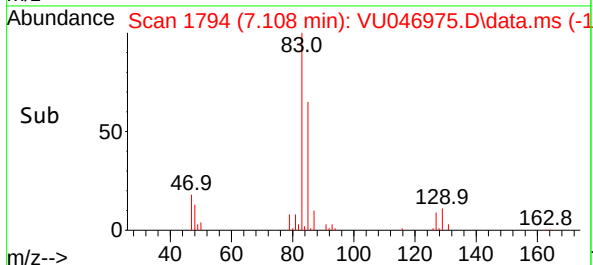
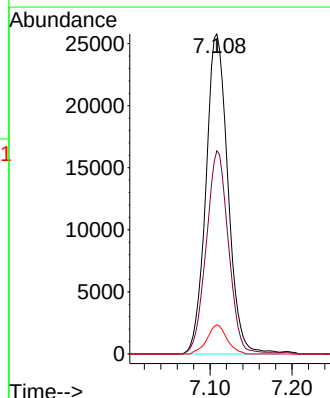
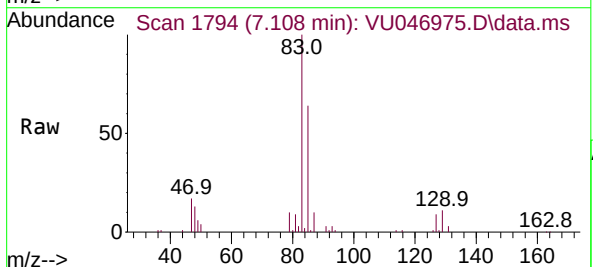
Tgt Ion: 83 Resp: 47994

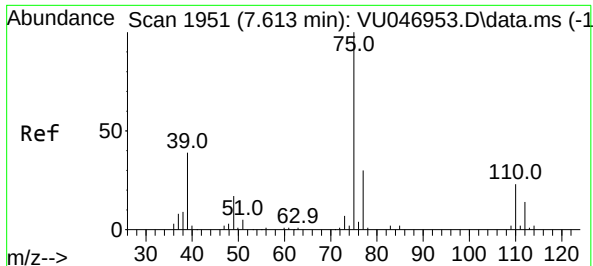
Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8

127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.380 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

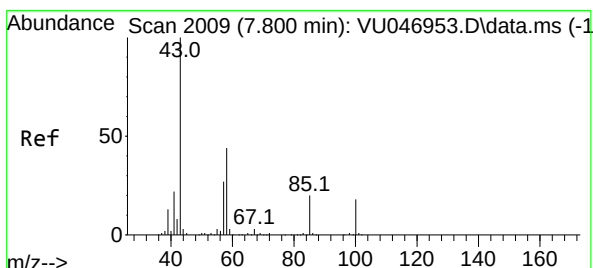
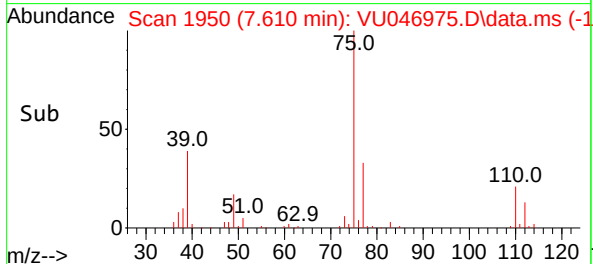
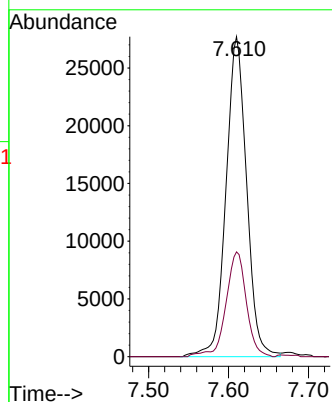
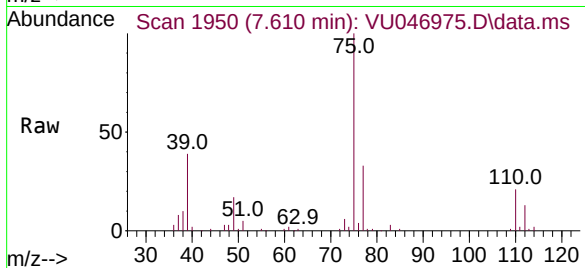
VSTD005182

Tgt Ion: 75 Resp: 49595

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 46.513 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

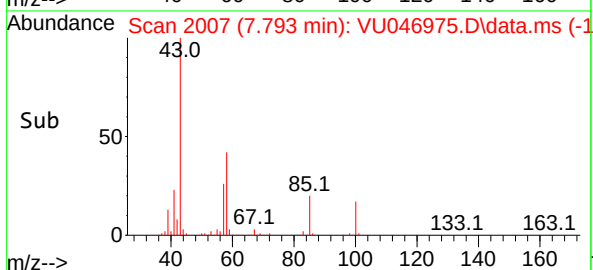
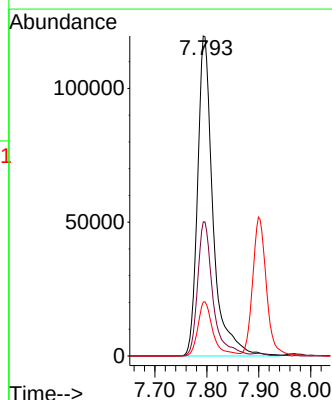
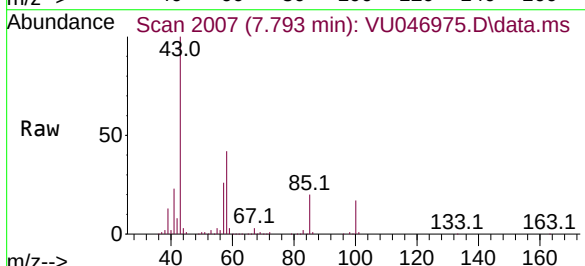
Tgt Ion: 43 Resp: 247441

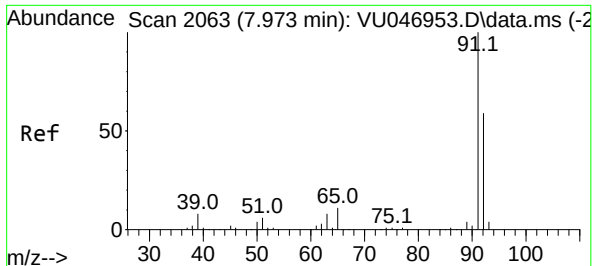
Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7

100 16.6 13.2 19.8





#42

Toluene

Concen: 4.488 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

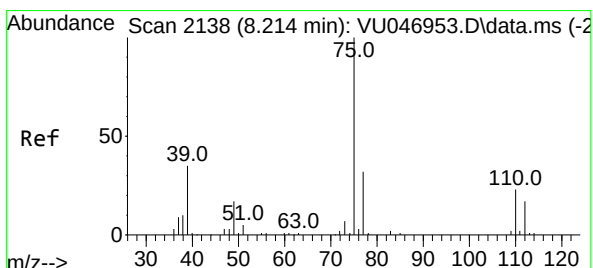
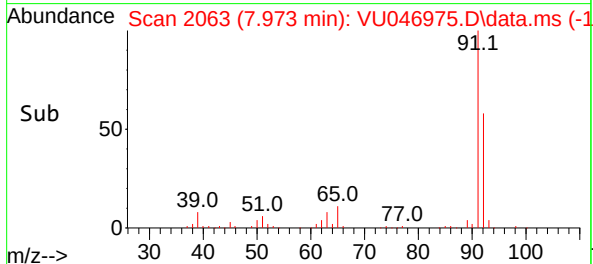
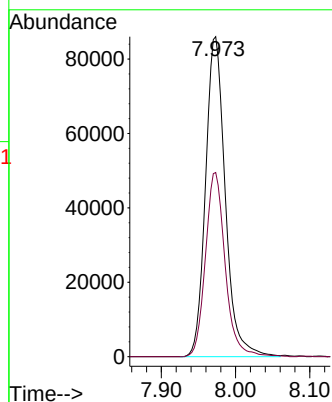
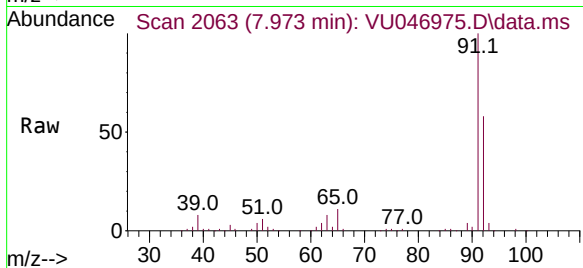
VSTD005182

Tgt Ion: 91 Resp: 158659

Ion Ratio Lower Upper

91 100

92 57.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.566 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046975.D

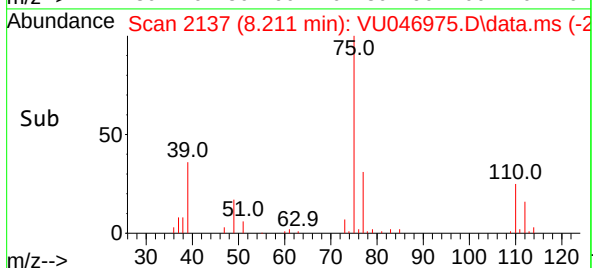
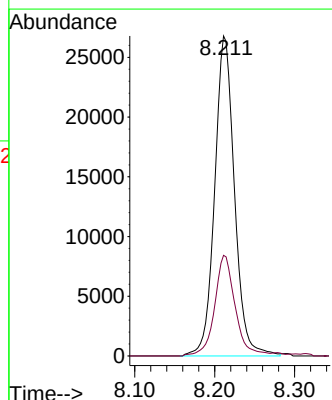
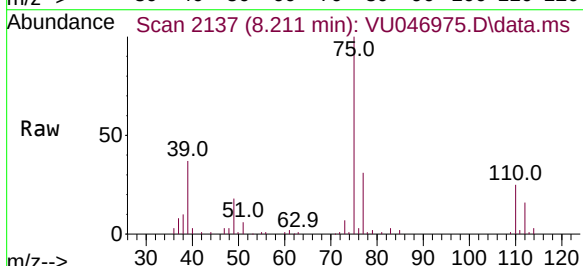
Acq: 01 Feb 2022 19:52

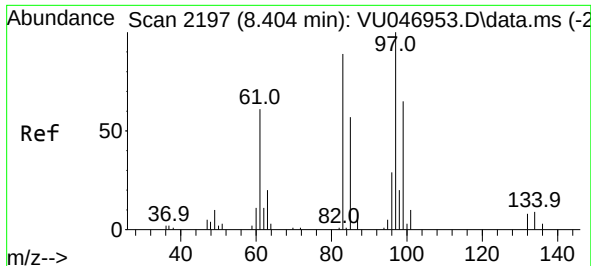
Tgt Ion: 75 Resp: 46060

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.068 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005182

Tgt Ion: 97 Resp: 31286

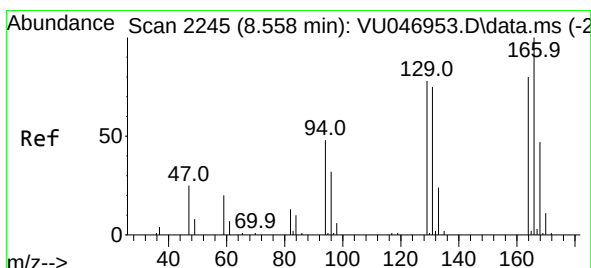
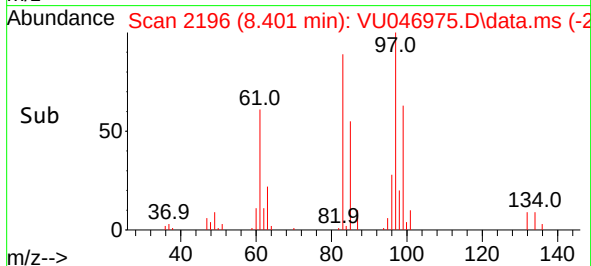
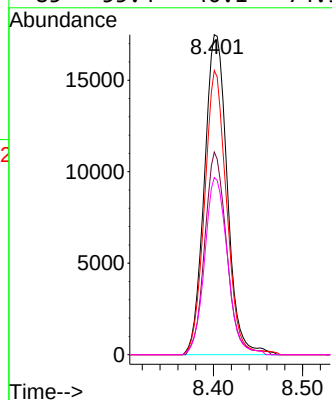
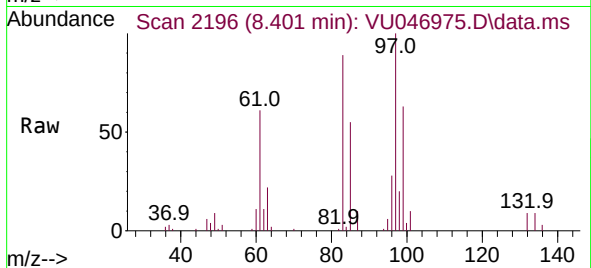
Ion Ratio Lower Upper

97 100

99 63.3 42.3 78.5

83 88.8 62.0 115.2

85 55.4 40.1 74.5



#47

Tetrachloroethene

Concen: 4.342 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Tgt Ion:164 Resp: 27119

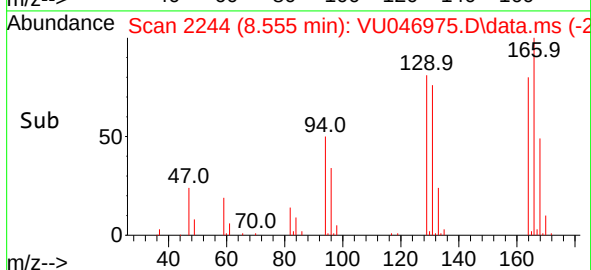
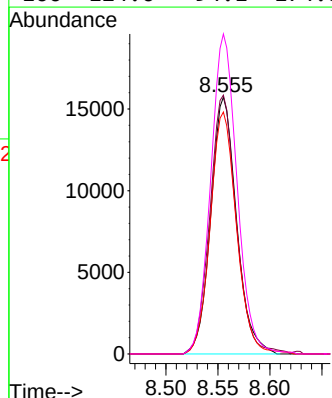
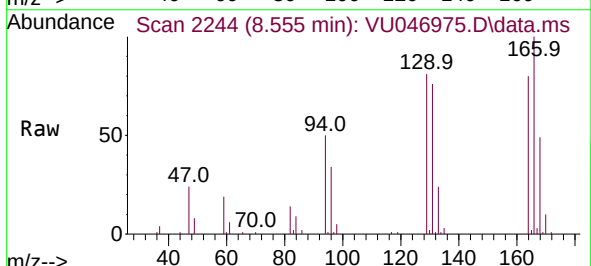
Ion Ratio Lower Upper

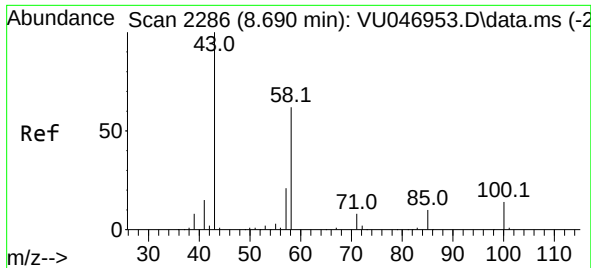
164 100

129 100.8 71.8 133.4

131 94.2 68.5 127.3

166 124.6 94.1 174.8



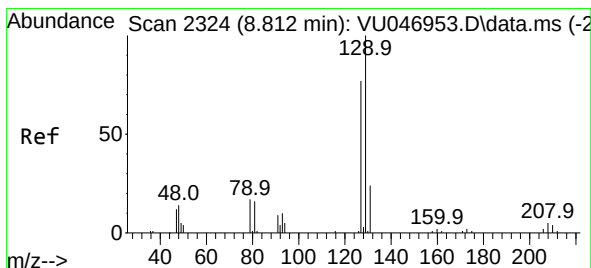
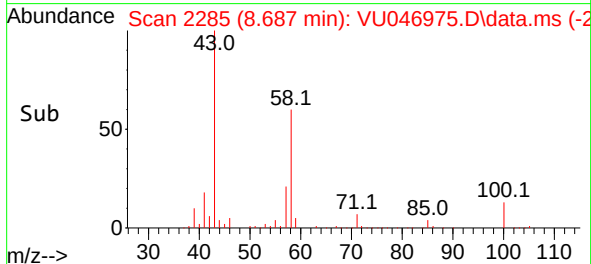
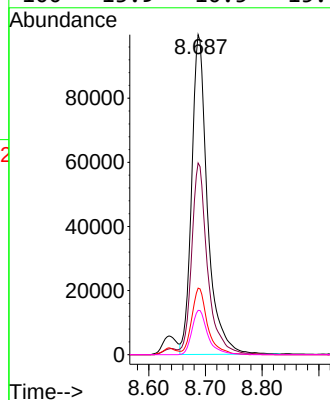
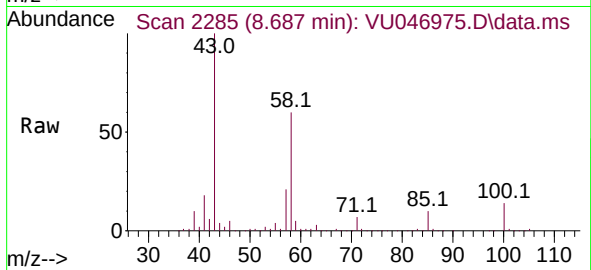


#48
2-Hexanone
Concen: 48.156 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

Tgt Ion: 43 Resp: 193369

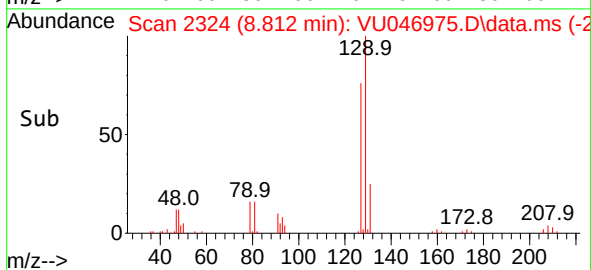
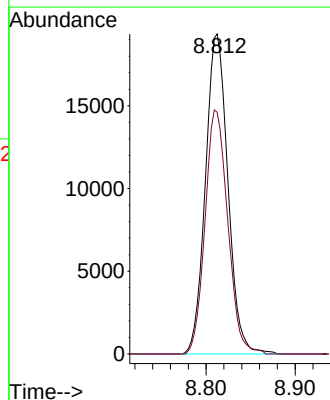
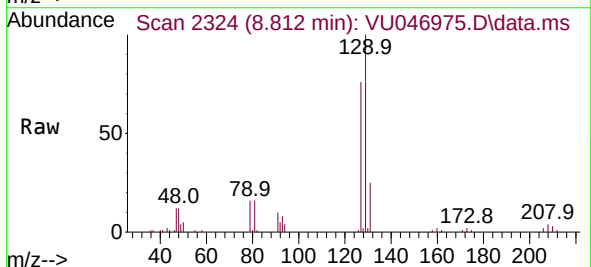
Ion	Ratio	Lower	Upper
43	100		
58	59.6	46.7	70.1
57	20.9	16.3	24.5
100	13.9	10.5	15.7

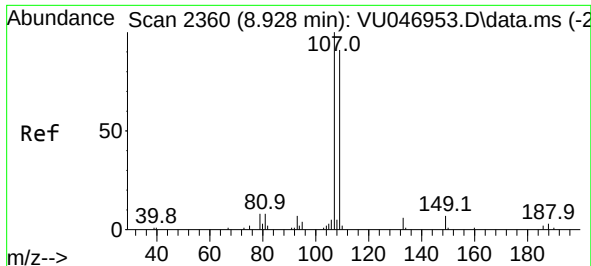


#49
Dibromochloromethane
Concen: 4.645 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 129 Resp: 33825

Ion	Ratio	Lower	Upper
129	100		
127	75.6	55.4	102.8

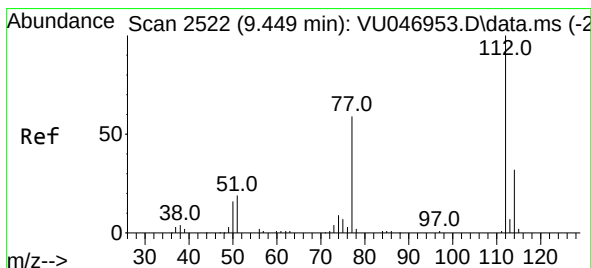
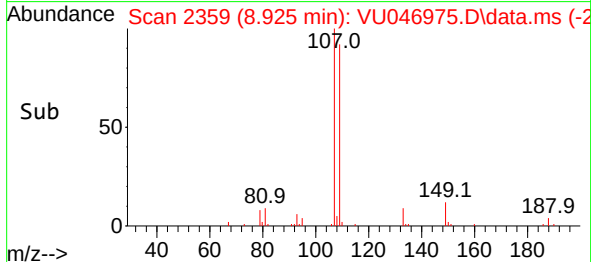
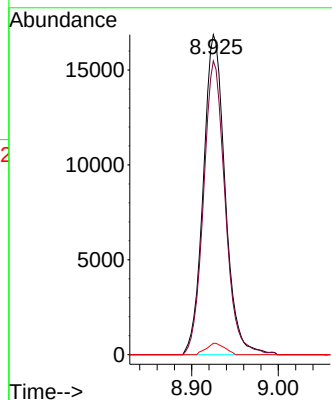
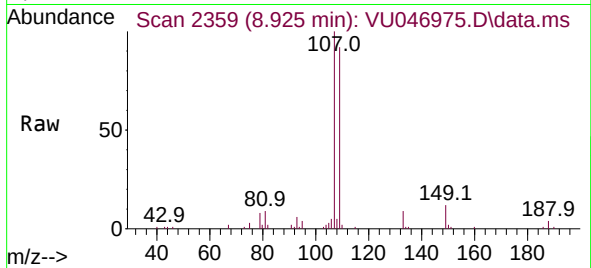




#50
1,2-Dibromoethane
Concen: 4.722 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

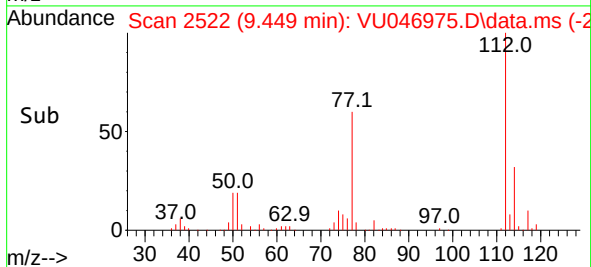
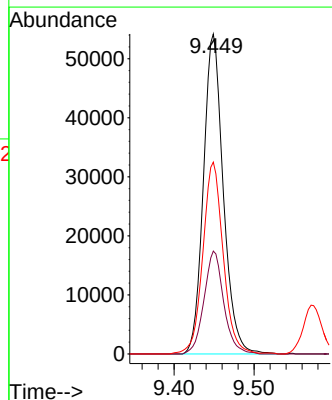
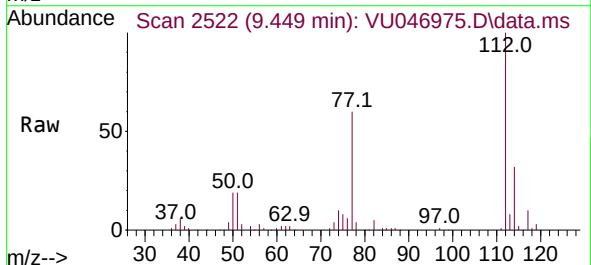
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

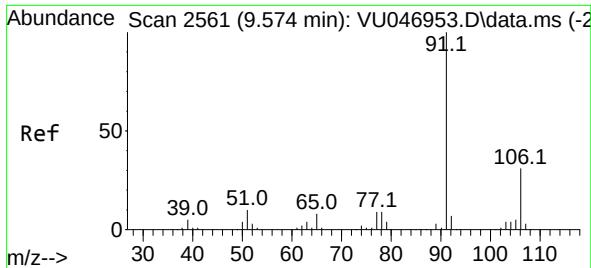
Tgt Ion:107	Resp:	29547
Ion	Ratio	Lower Upper
107	100	
109	91.8	64.0 119.0
188	3.5	2.4 3.6



#51
Chlorobenzene
Concen: 4.569 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:112	Resp:	93813
Ion	Ratio	Lower Upper
112	100	
114	32.1	22.1 41.1
77	60.0	48.3 72.5

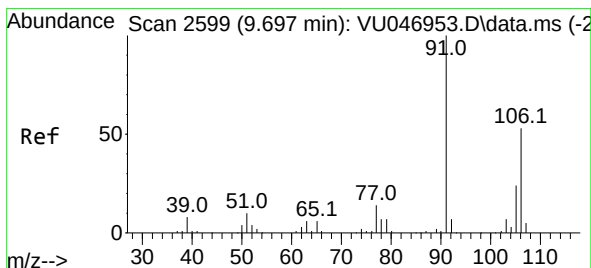
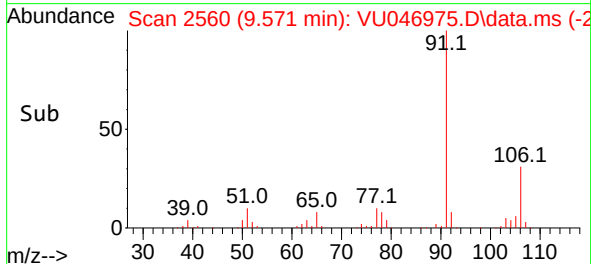
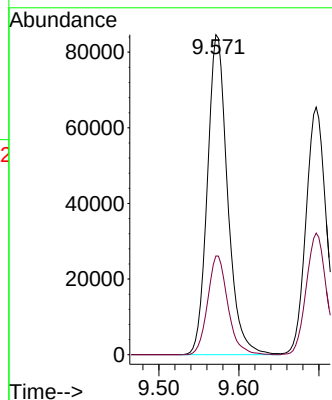
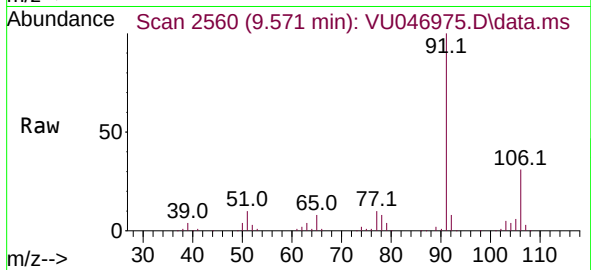




#52
Ethylbenzene
Concen: 4.426 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

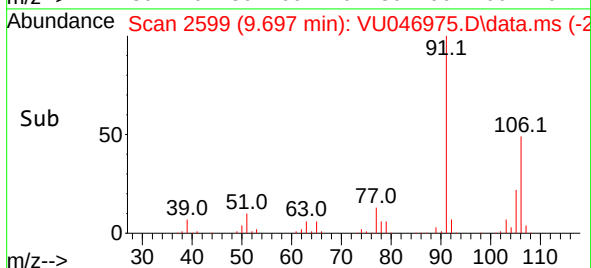
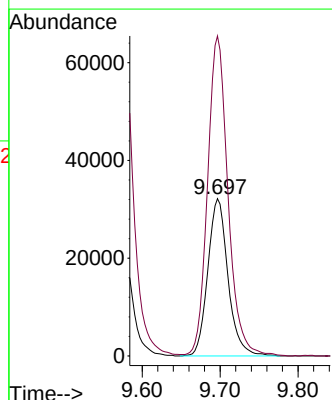
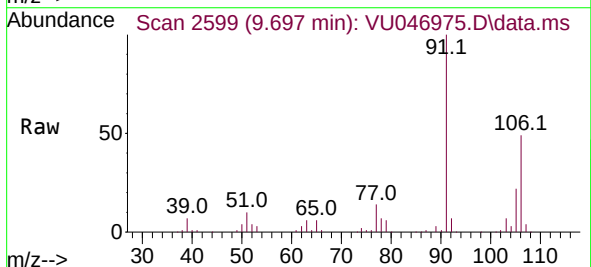
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

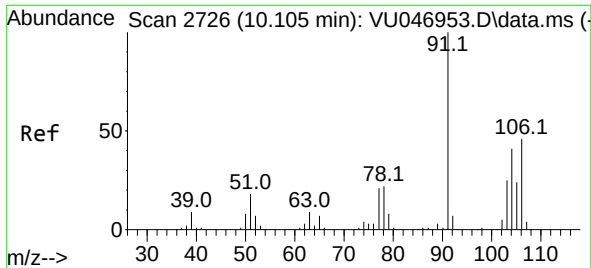
Tgt Ion: 91 Resp: 148779
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.333 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 106 Resp: 58068
Ion Ratio Lower Upper
106 100
91 203.4 139.4 259.0

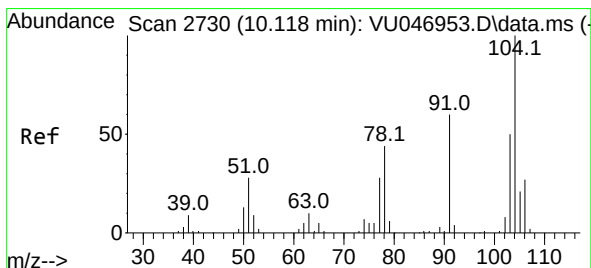
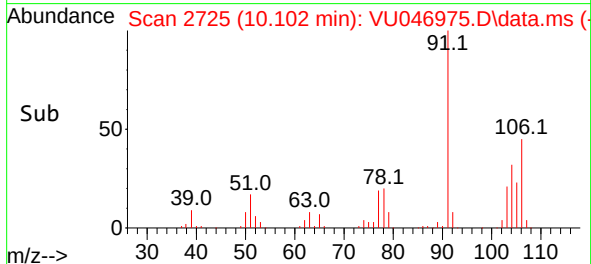
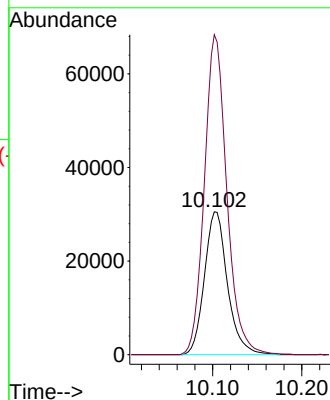
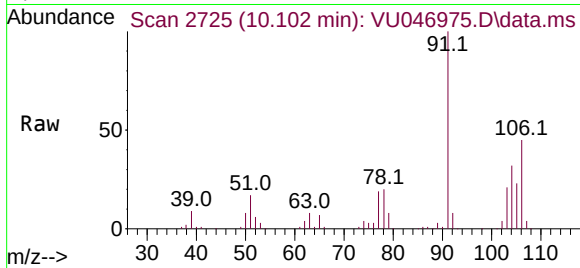




#54
o-Xylene
Concen: 4.221 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

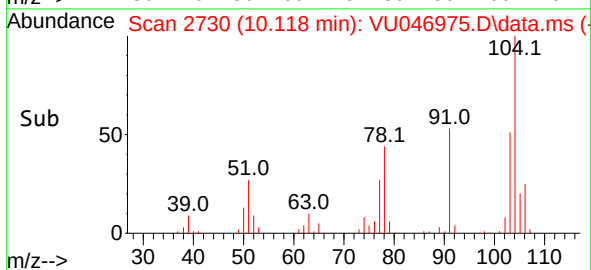
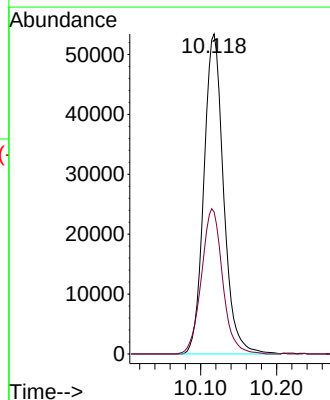
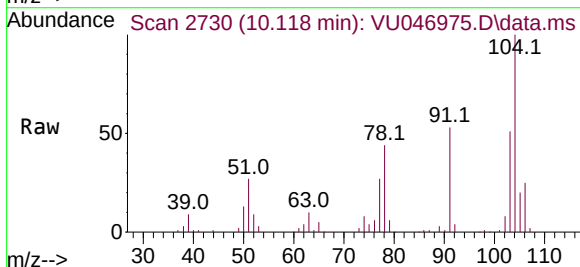
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

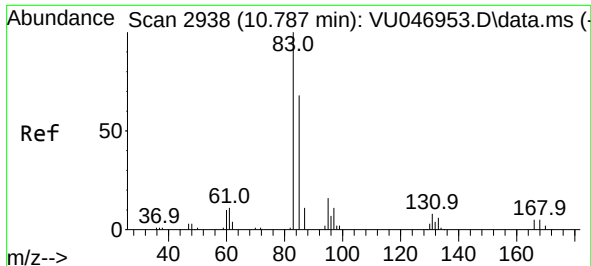
Tgt Ion:106 Resp: 54823
Ion Ratio Lower Upper
106 100
91 223.9 147.5 273.9



#55
Styrene
Concen: 4.527 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:104 Resp: 96183
Ion Ratio Lower Upper
104 100
78 44.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.890 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005182

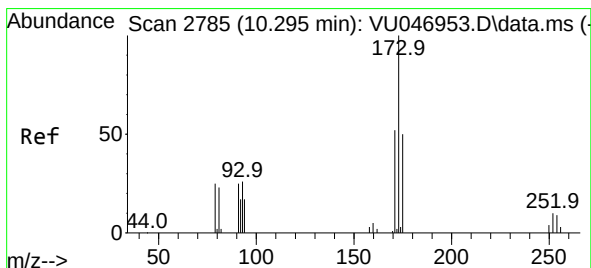
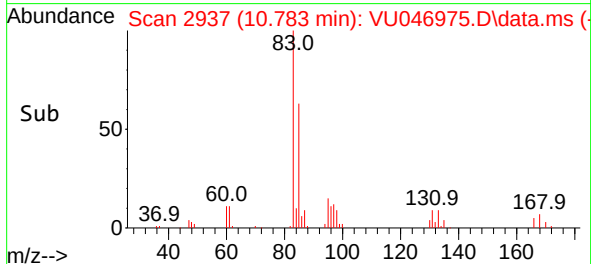
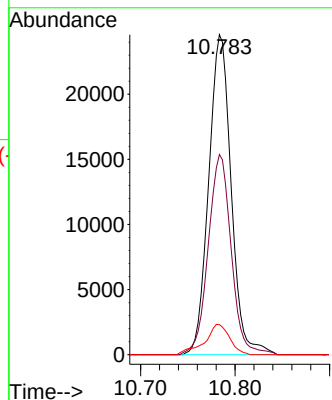
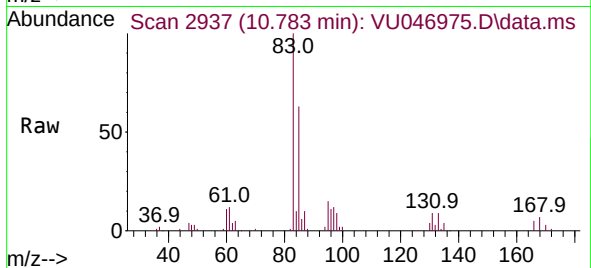
Tgt Ion: 83 Resp: 40602

Ion Ratio Lower Upper

83 100

85 62.5 47.9 89.1

131 9.4 8.1 12.1



#59

Bromoform

Concen: 4.360 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

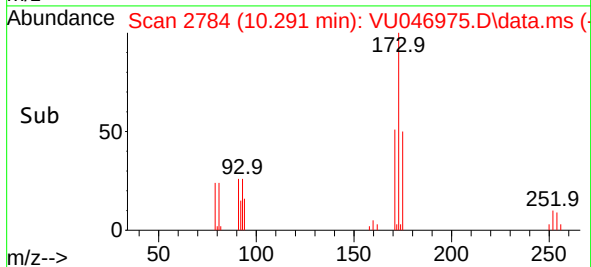
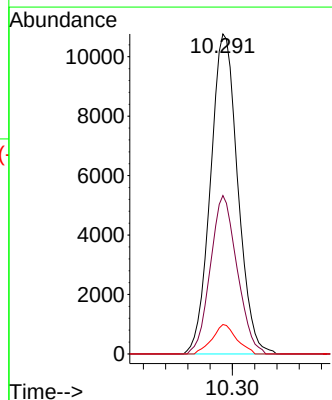
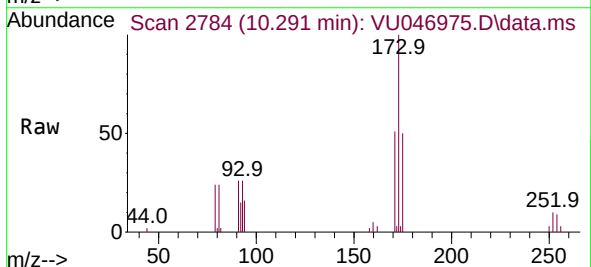
Tgt Ion:173 Resp: 18294

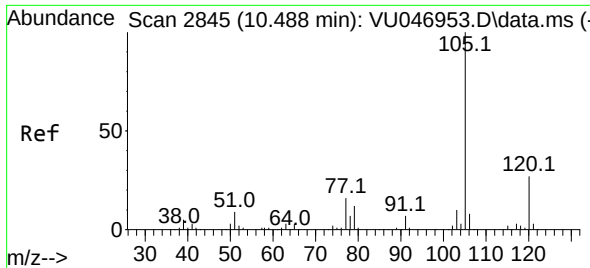
Ion Ratio Lower Upper

173 100

175 48.4 37.8 56.6

254 8.2 7.3 10.9

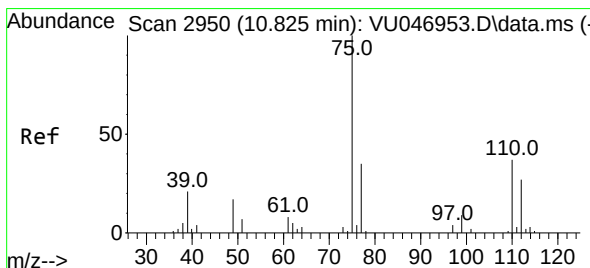
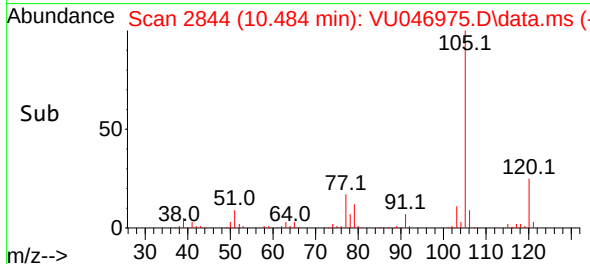
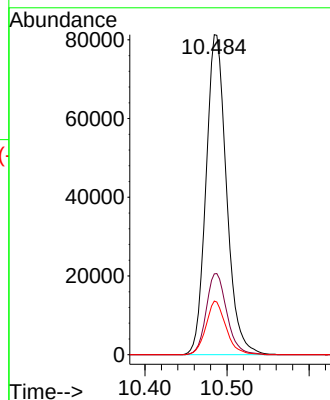
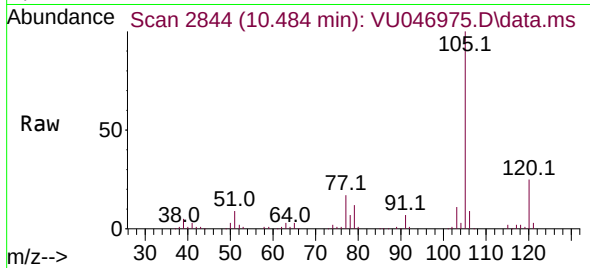




#60
Isopropylbenzene
Concen: 4.449 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

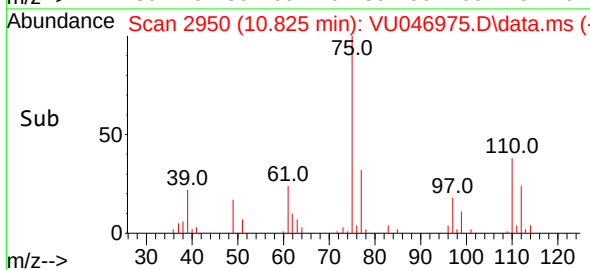
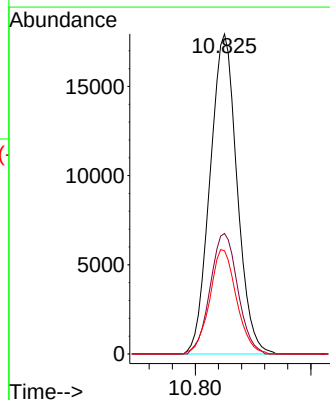
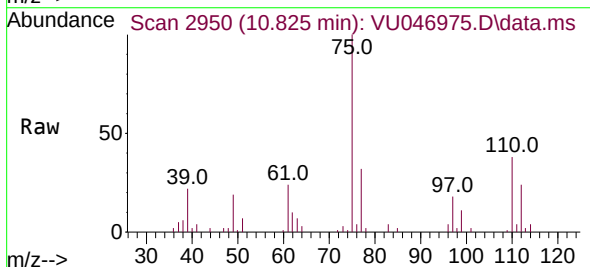
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

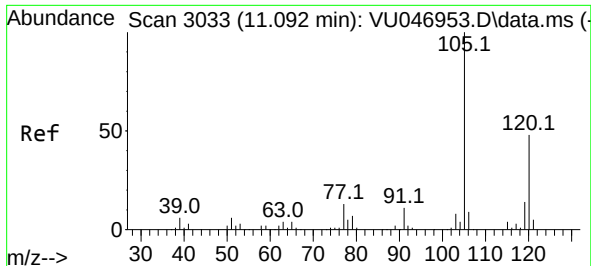
Tgt Ion:105 Resp: 141225
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.039 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion: 75 Resp: 29090
Ion Ratio Lower Upper
75 100
110 38.4 29.9 44.9
77 32.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.984 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

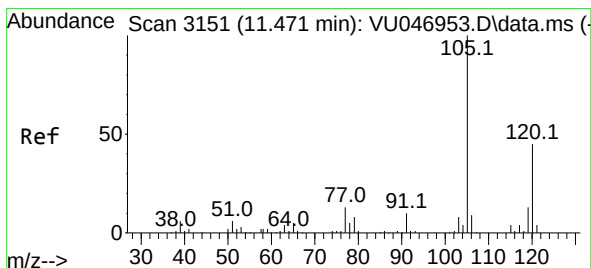
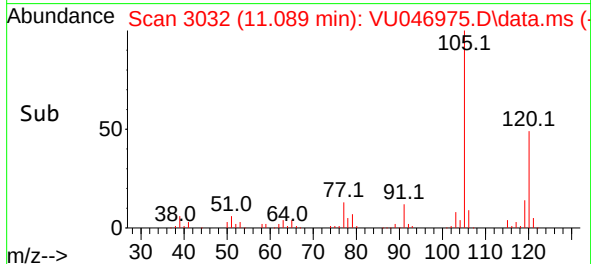
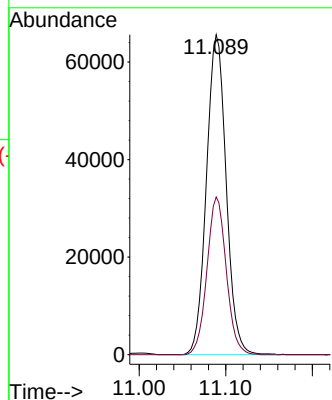
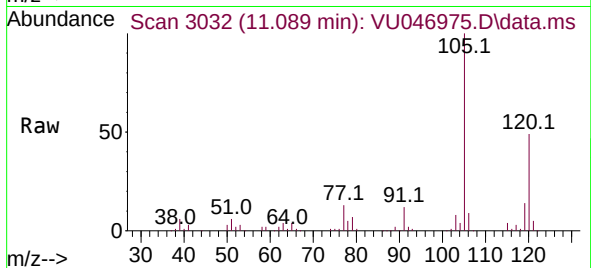
VSTD005182

Tgt Ion:105 Resp: 103803

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.979 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046975.D

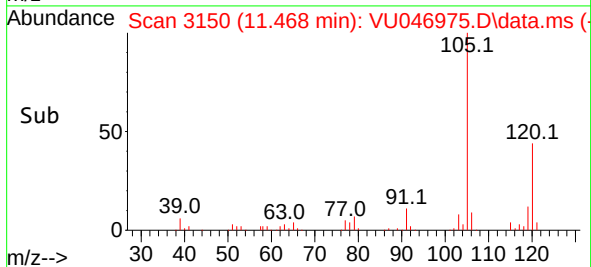
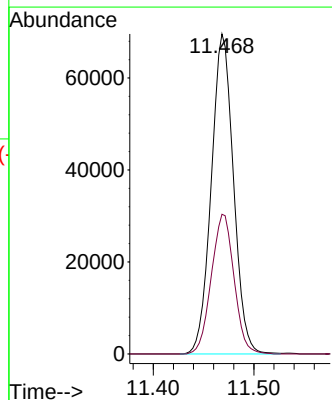
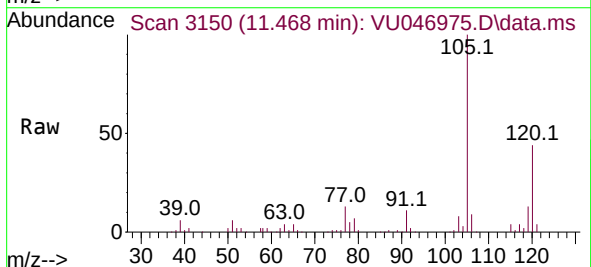
Acq: 01 Feb 2022 19:52

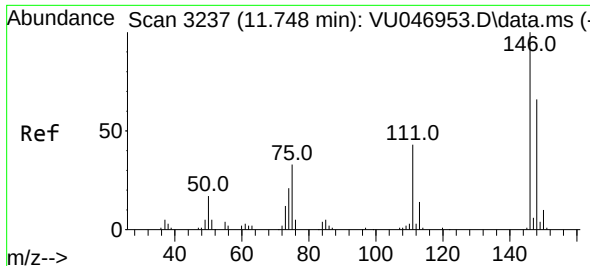
Tgt Ion:105 Resp: 106669

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8

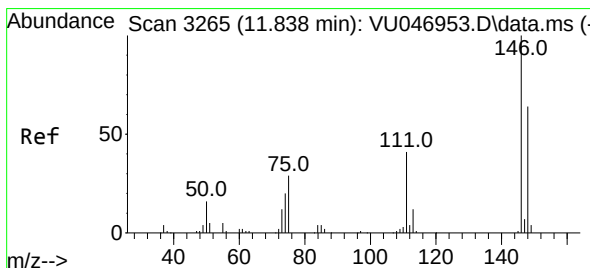
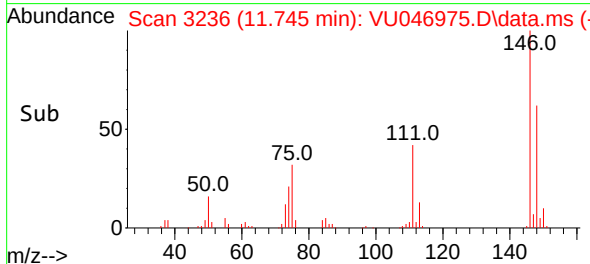
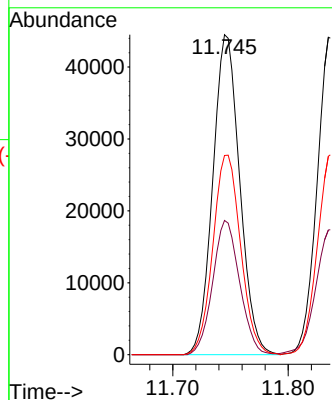
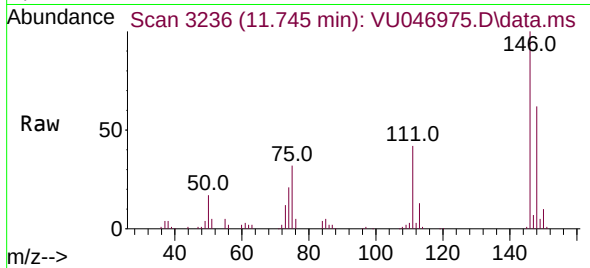




#64
1,3-Dichlorobenzene
Concen: 4.547 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

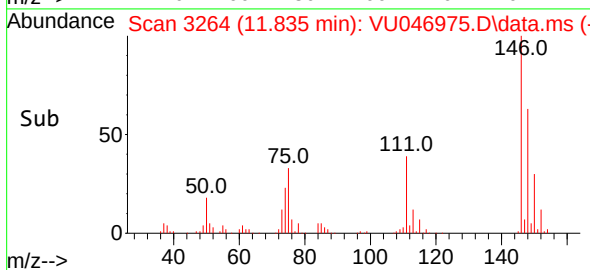
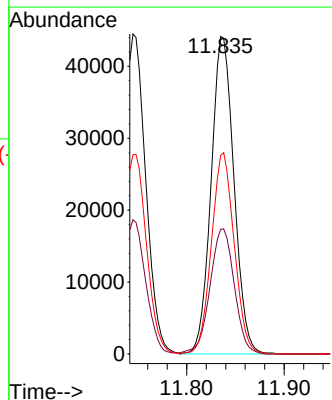
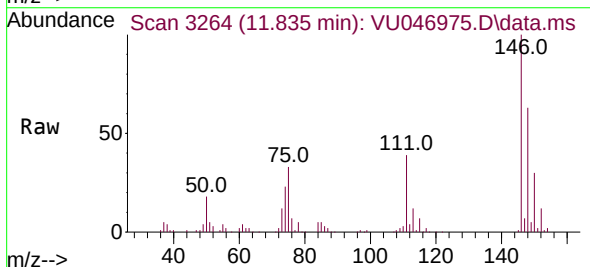
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

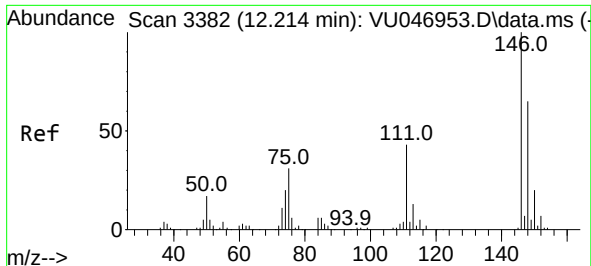
Tgt Ion:146 Resp: 72133
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 62.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.512 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:146 Resp: 72035
Ion Ratio Lower Upper
146 100
111 39.3 28.7 53.3
148 62.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.505 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005182

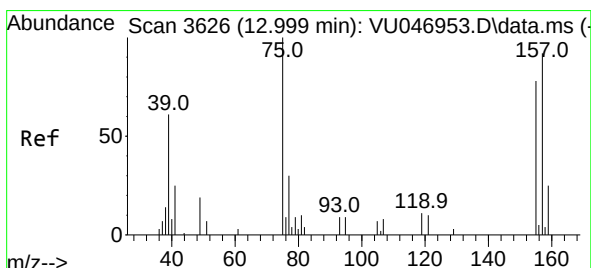
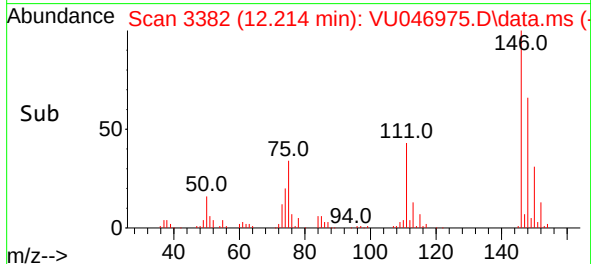
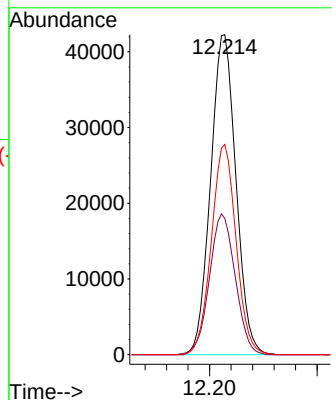
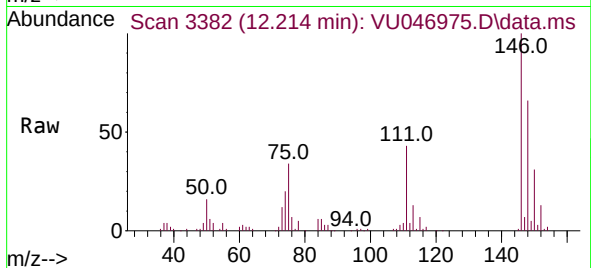
Tgt Ion:146 Resp: 69124

Ion Ratio Lower Upper

146 100

111 42.6 35.4 53.0

148 65.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.676 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046975.D

Acq: 01 Feb 2022 19:52

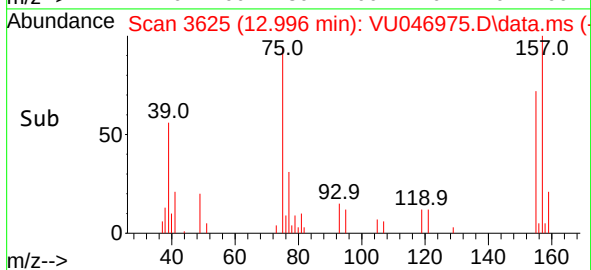
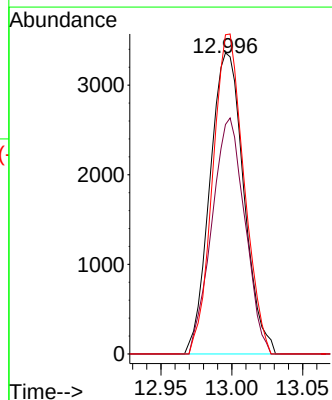
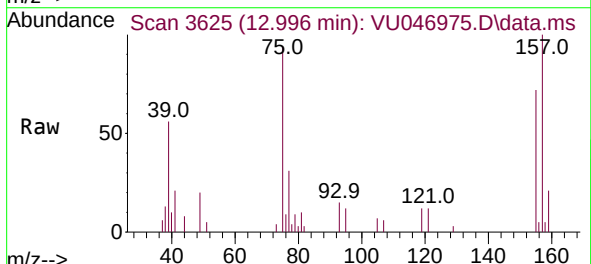
Tgt Ion: 75 Resp: 5603

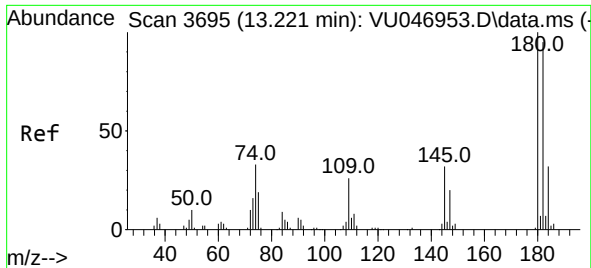
Ion Ratio Lower Upper

75 100

155 76.2 59.2 88.8

157 106.0 76.5 114.7

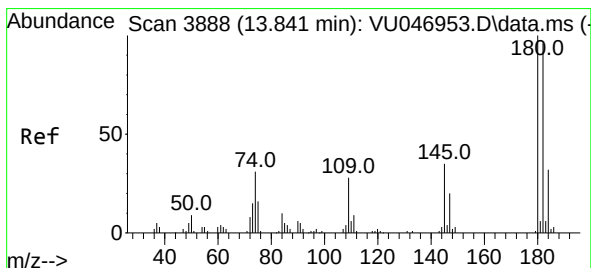
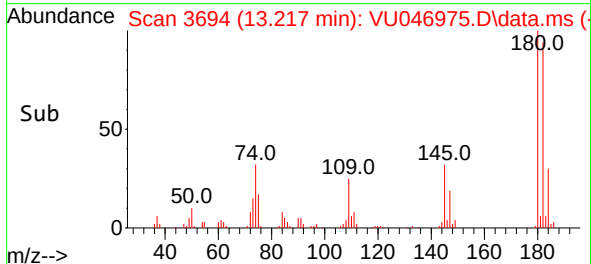
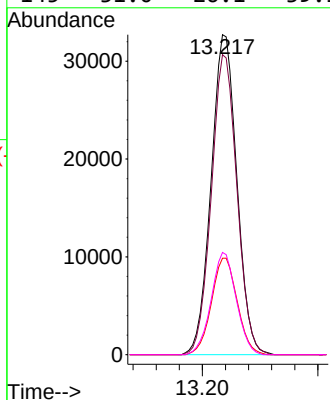
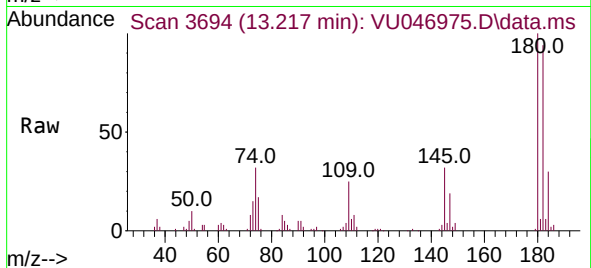




#69
1,3,5-Trichlorobenzene
Concen: 4.044 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

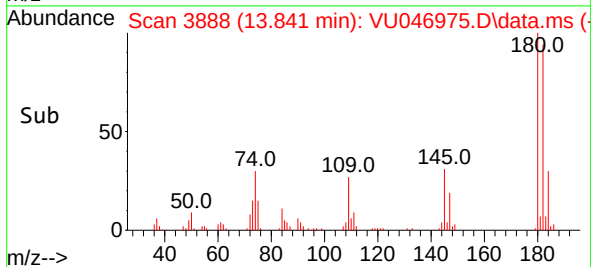
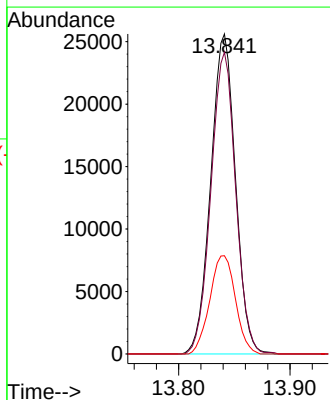
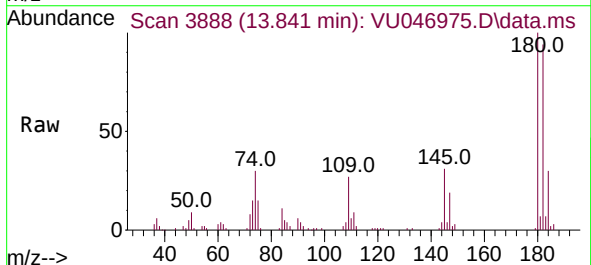
Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

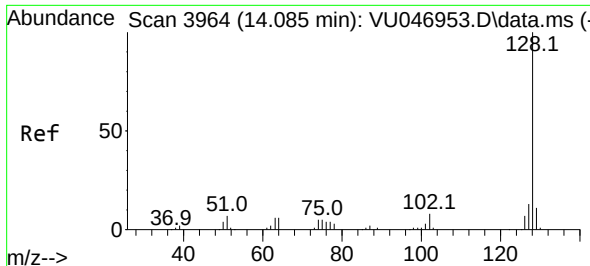
Tgt Ion:180	Resp:	50586
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.1 114.1
184	30.3	25.0 37.4
145	31.0	26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 3.770 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:180	Resp:	39423
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.4 114.6
145	31.9	25.6 38.4

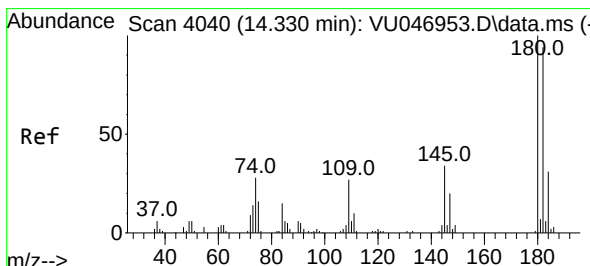
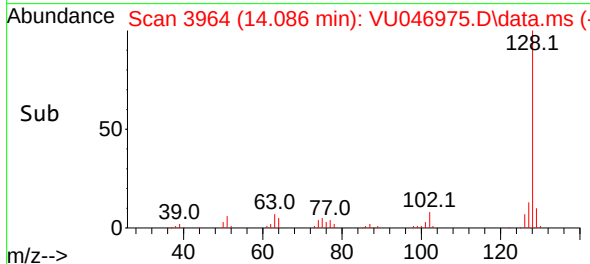
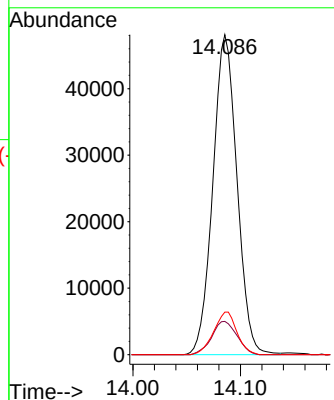
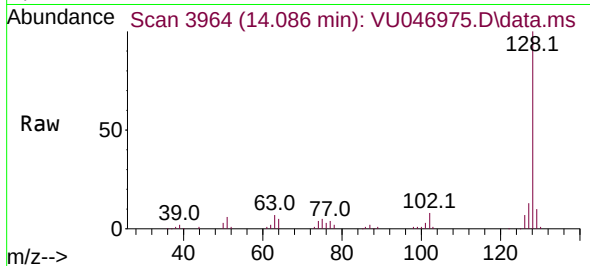




#71
Naphthalene
Concen: 3.524 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD005182

Tgt Ion:128 Resp: 75026
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.099 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046975.D
Acq: 01 Feb 2022 19:52

Tgt Ion:180 Resp: 40492
Ion Ratio Lower Upper
180 100
182 97.9 76.2 114.4
145 32.8 28.4 42.6

