

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046953.D
 Acq On : 01 Feb 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Feb 02 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52337	5.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.200%
7) Chloroethane-d5	1.922	69	40623	5.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.578	65	19741	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.661	46	122393	43.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.720%
24) Chloroform-d	5.070	84	81948	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.710	65	44005	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.735	84	161183	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.697	67	49144	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.902	98	145815	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	20652	4.290	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.642	63	124861	43.809	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50795	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	47960	3.872	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	54457	5.208	ug/L	99
3) Chloromethane	1.530	50	52414	6.087	ug/L	98
5) Vinyl chloride	1.610	62	52446	5.850	ug/L	99
6) Bromomethane	1.867	94	32991	5.881	ug/L	99
8) Chloroethane	1.944	64	33133	6.421	ug/L	96
9) Trichlorofluoromethane	2.147	101	66049	6.046	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	38662	5.952	ug/L	99
12) 1,1-Dichloroethene	2.591	96	36954	5.953	ug/L	84
13) Acetone	2.678	43	58532	38.564	ug/L	95
14) Carbon disulfide	2.803	76	110047	5.398	ug/L	99
15) Methyl Acetate	2.970	43	18386	5.546	ug/L	98
16) Methylene chloride	3.057	84	41790	5.575	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	85305	4.898	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	35447	5.272	ug/L	99
19) 1,1-Dichloroethane	3.880	63	67351	5.967	ug/L	98
21) 2-Butanone	4.735	43	123692	50.673	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	37858	5.338	ug/L	95
23) Bromochloromethane	4.983	128	18697	5.358	ug/L	98
25) Chloroform	5.095	83	71947	4.016	ug/L	100

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 Data File : VU046953.D
 Acq On : 01 Feb 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Feb 02 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

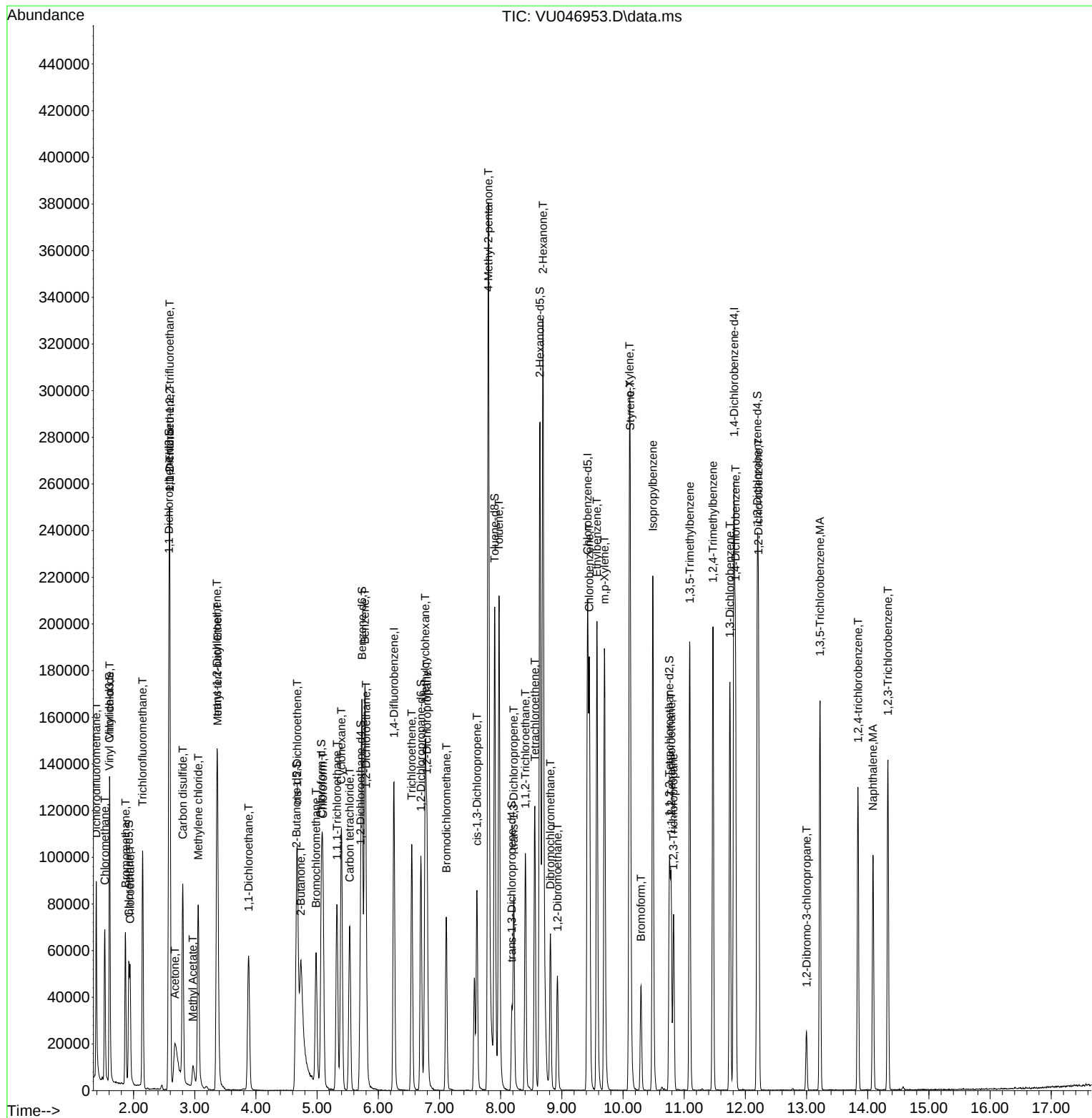
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	48790	6.170	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	59456	5.315	ug/L	98
30) Cyclohexane	5.398	56	52145	4.595	ug/L	99
31) Carbon tetrachloride	5.533	117	49597	5.167	ug/L	100
33) Benzene	5.780	78	154467	5.282	ug/L	100
34) Trichloroethene	6.546	95	36967	4.869	ug/L	98
35) Methylcyclohexane	6.767	83	51747	4.069	ug/L	96
37) 1,2-Dichloropropane	6.796	63	38779	5.405	ug/L	99
38) Bromodichloromethane	7.111	83	50783	4.919	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	52537	4.694	ug/L	95
40) 4-Methyl-2-pentanone	7.800	43	290788	55.291	ug/L	99
42) Toluene	7.973	91	167890	4.803	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	49946	5.009	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	33092	5.422	ug/L	98
47) Tetrachloroethene	8.558	164	27814	4.504	ug/L	94
48) 2-Hexanone	8.690	43	233061	58.709	ug/L	98
49) Dibromochloromethane	8.812	129	35435	4.922	ug/L	97
50) 1,2-Dibromoethane	8.928	107	31196	5.043	ug/L	100
51) Chlorobenzene	9.449	112	96343	4.746	ug/L	99
52) Ethylbenzene	9.574	91	151845	4.569	ug/L	100
53) m,p-Xylene	9.697	106	61419	4.636	ug/L	95
54) o-Xylene	10.105	106	55976	4.359	ug/L	97
55) Styrene	10.118	104	99249	4.725	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	45429	5.535	ug/L	99
59) Bromoform	10.295	173	19799	4.868	ug/L	96
60) Isopropylbenzene	10.488	105	146913	4.775	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33371	5.964	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	107098	4.241	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	110265	4.243	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	72170	4.693	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	71824	4.641	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70015	4.707	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6844	5.892	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	50959	4.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39563	3.903	ug/L	100
71) Naphthalene	14.085	128	81493	3.949	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41809	4.367	ug/L	98

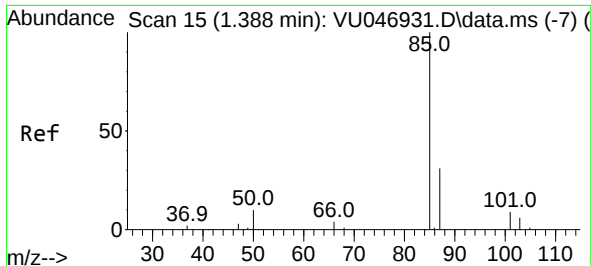
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 Data File : VU046953.D
 Acq On : 01 Feb 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Feb 02 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
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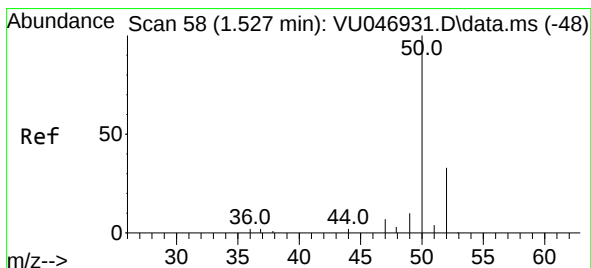
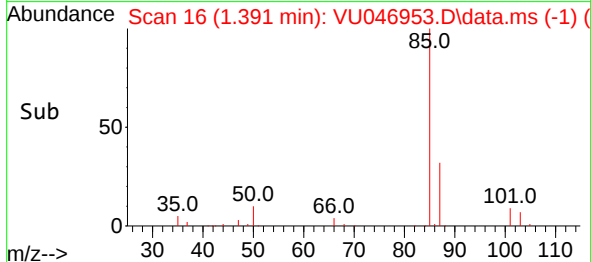
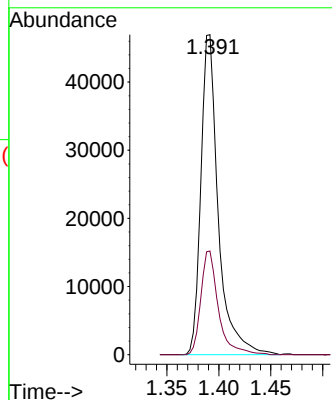
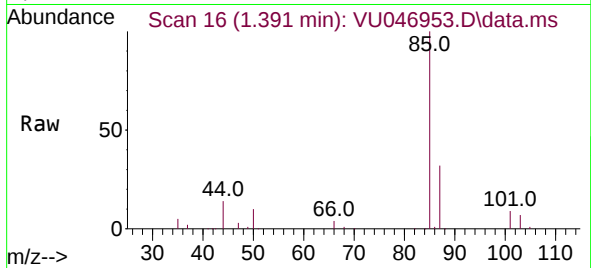




#2
Dichlorodifluoromethane
Concen: 5.208 ug/L
RT: 1.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

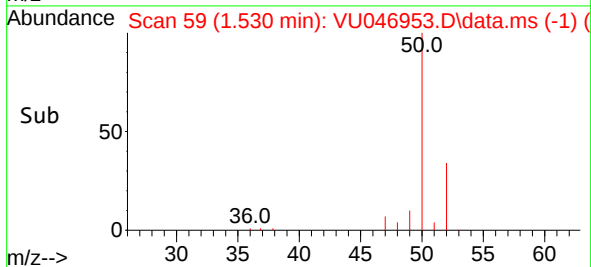
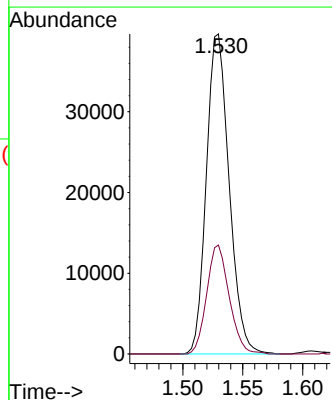
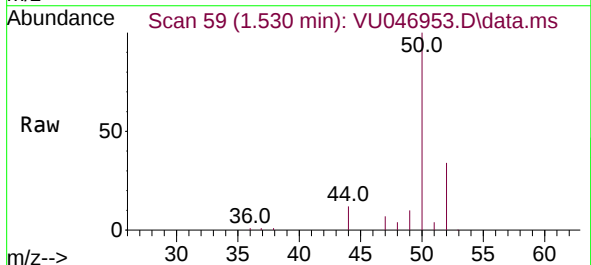
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

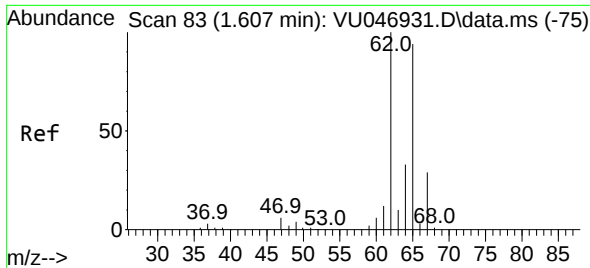
Tgt Ion: 85 Resp: 54457
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 6.087 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 50 Resp: 52414
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.8

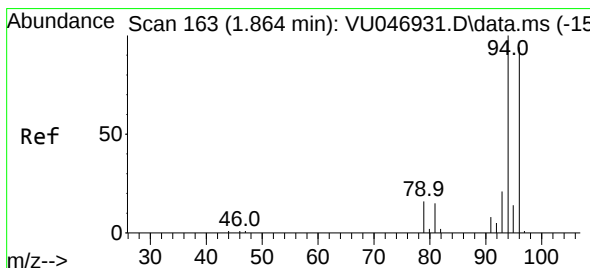
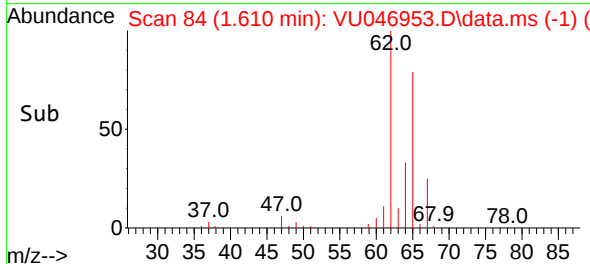
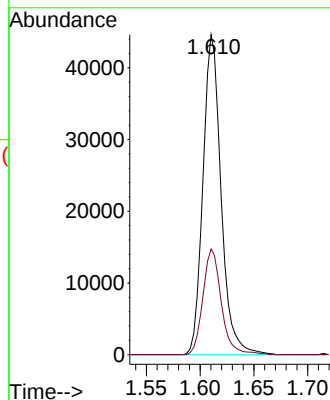
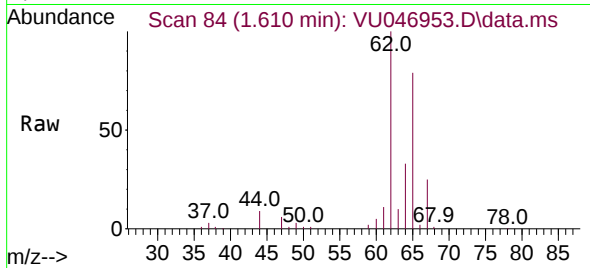




#5
 Vinyl chloride
 Concen: 5.850 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046953.D
 Acq: 01 Feb 2022 09:24

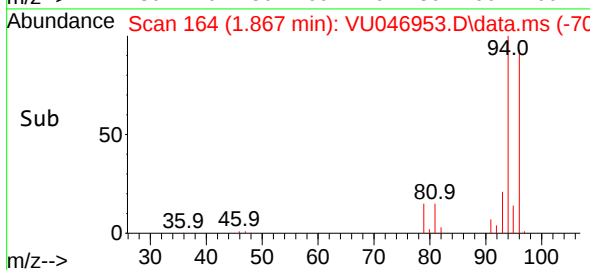
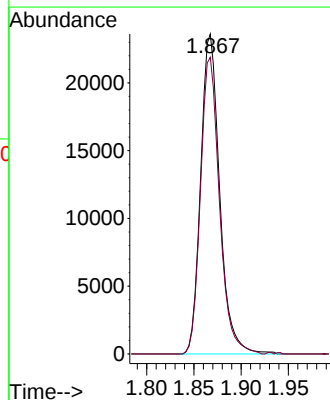
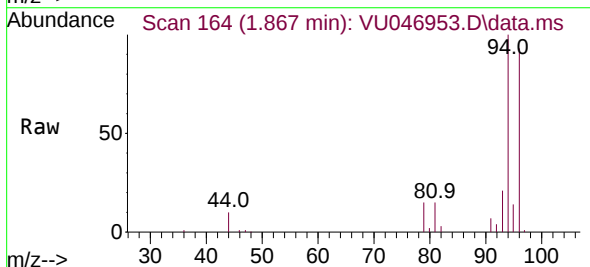
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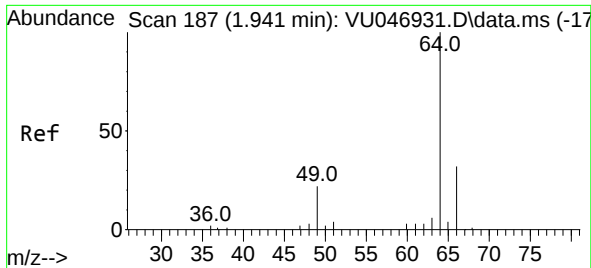
Tgt Ion: 62 Resp: 52446
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 5.881 ug/L
 RT: 1.867 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VU046953.D
 Acq: 01 Feb 2022 09:24

Tgt Ion: 94 Resp: 32991
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.5 121.6

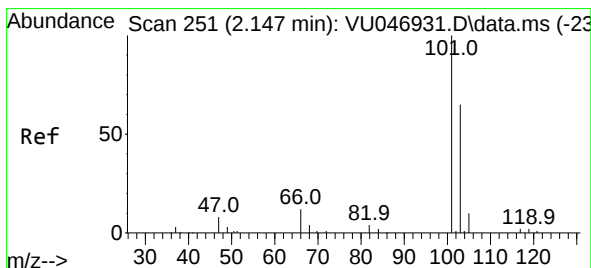
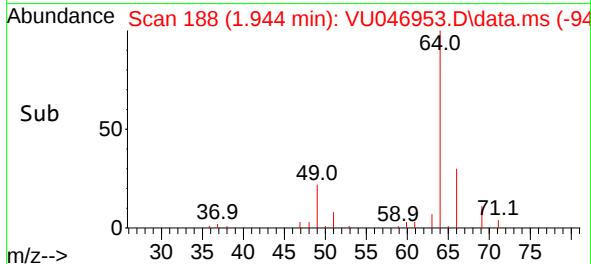
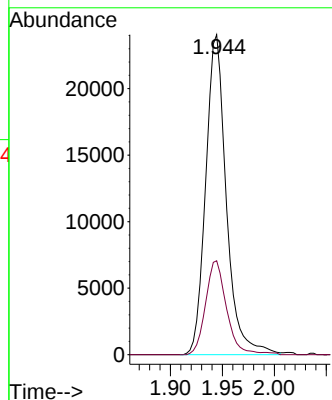
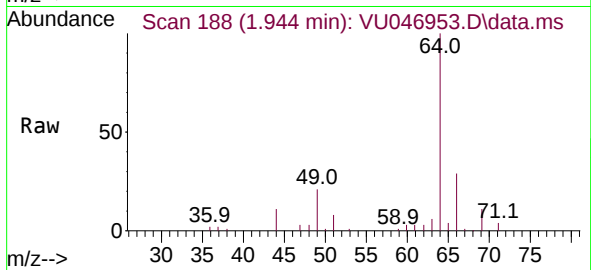




#8
Chloroethane
Concen: 6.421 ug/L
RT: 1.944 min Scan# 188
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

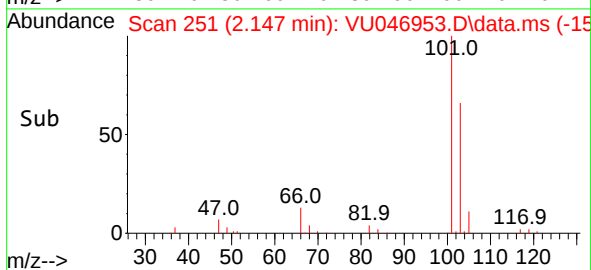
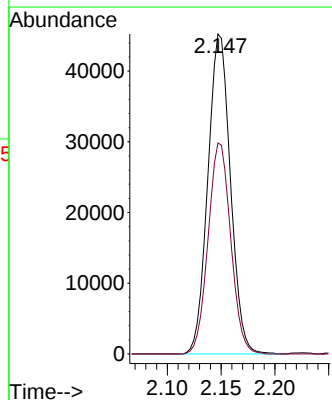
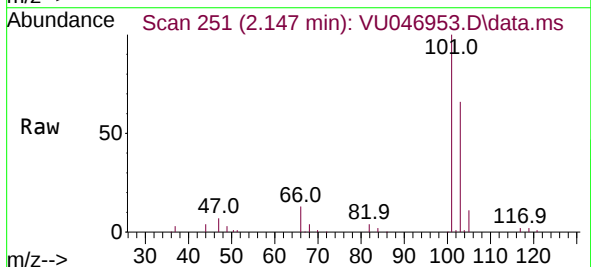
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MSVOA_U
ClientSampleId :
VSTD005181

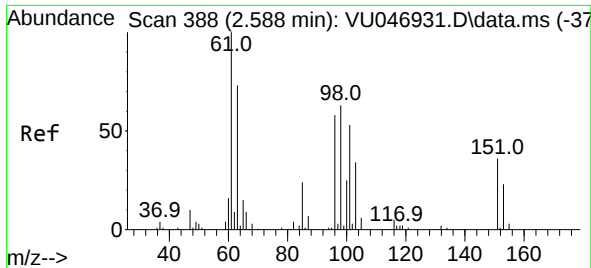
Tgt Ion: 64 Resp: 33133
Ion Ratio Lower Upper
64 100
66 29.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.046 ug/L
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:101 Resp: 66049
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

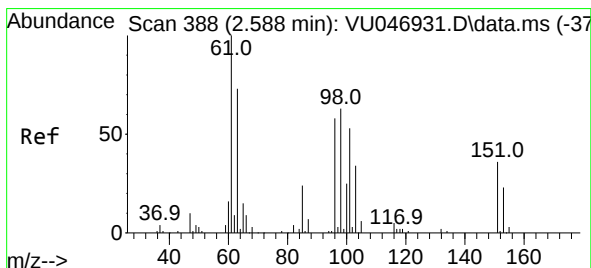
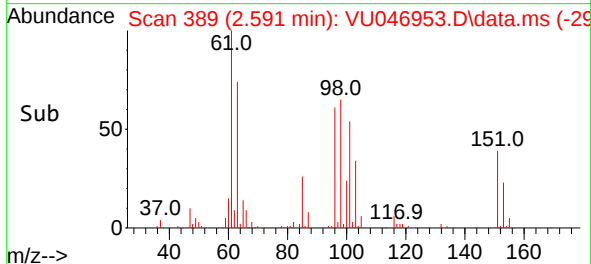
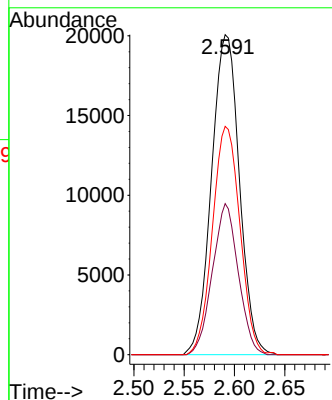
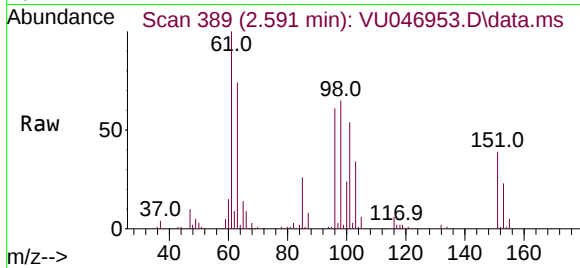




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.952 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

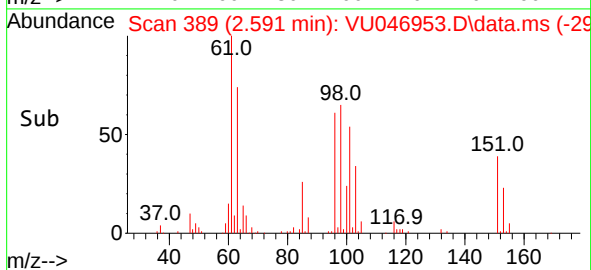
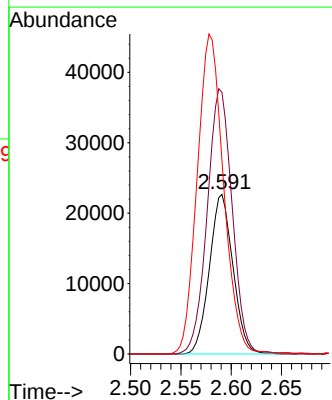
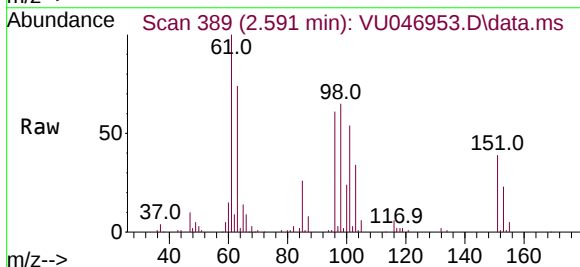
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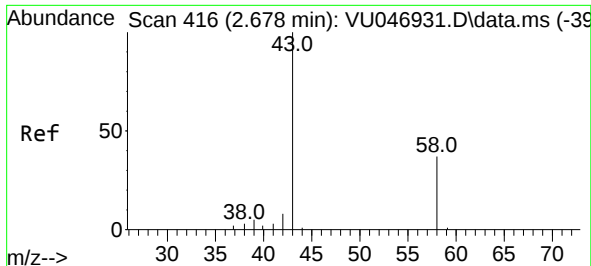
Tgt Ion:101 Resp: 38662
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 70.3 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.953 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 96 Resp: 36954
Ion Ratio Lower Upper
96 100
61 163.9 124.7 231.5
63 121.1 105.2 195.4





#13

Acetone

Concen: 38.564 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

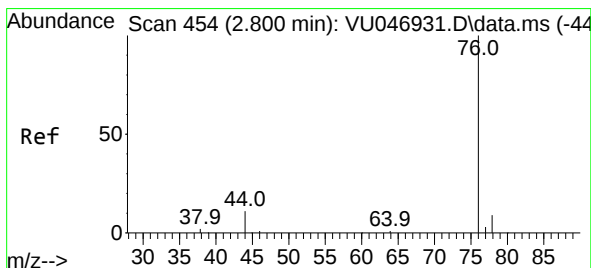
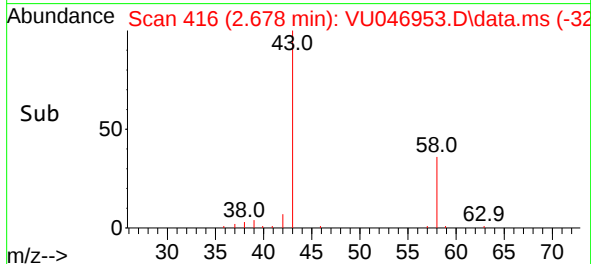
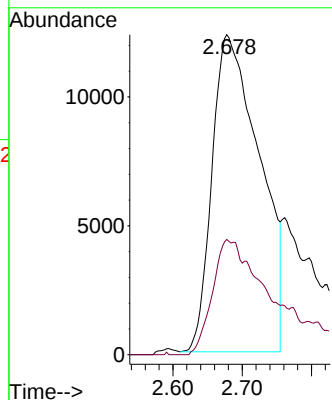
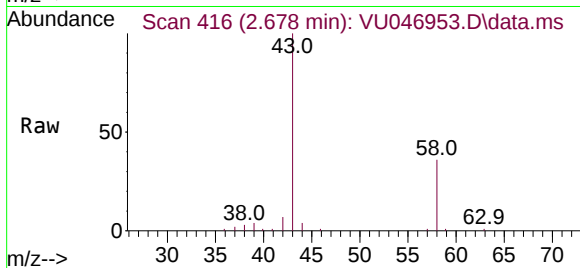
VSTD005181

Tgt Ion: 43 Resp: 58532

Ion Ratio Lower Upper

43 100

58 38.7 0.0 71.6



#14

Carbon disulfide

Concen: 5.398 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046953.D

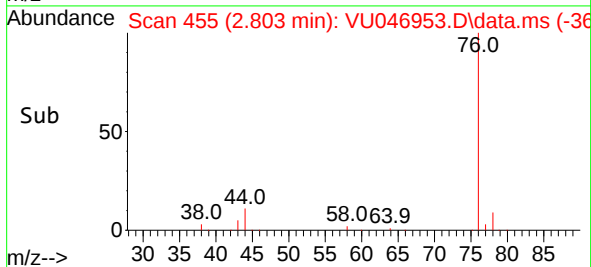
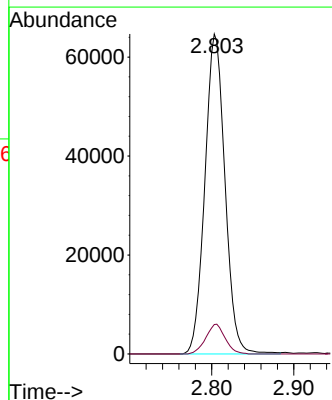
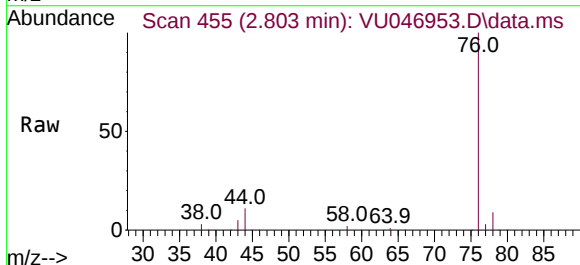
Acq: 01 Feb 2022 09:24

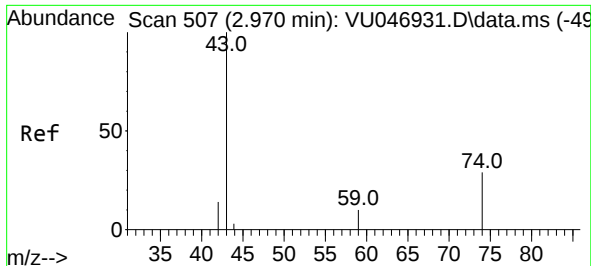
Tgt Ion: 76 Resp: 110047

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

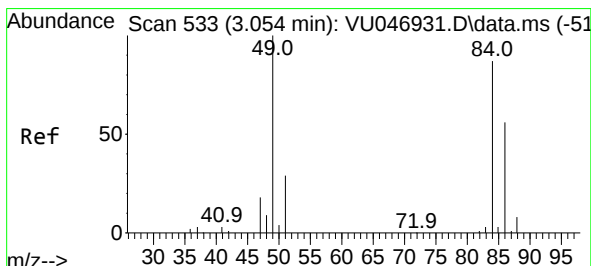
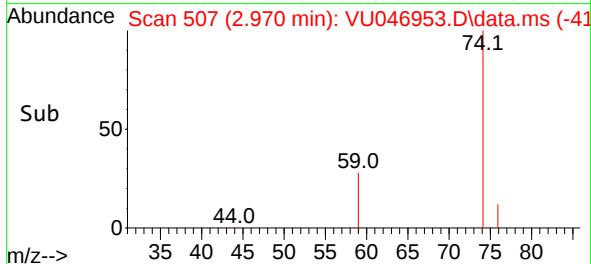
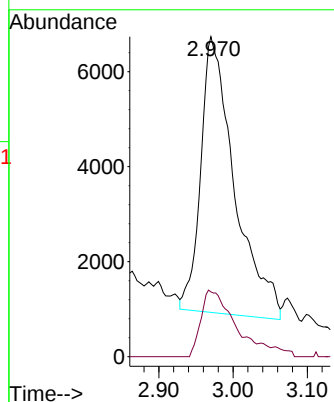
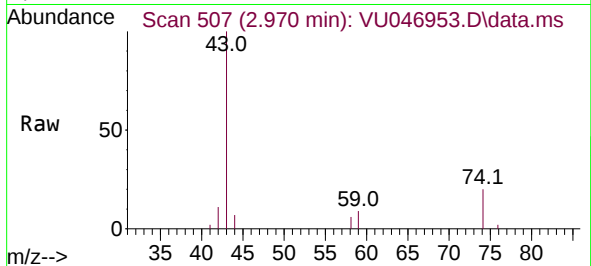




#15
Methyl Acetate
Concen: 5.546 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

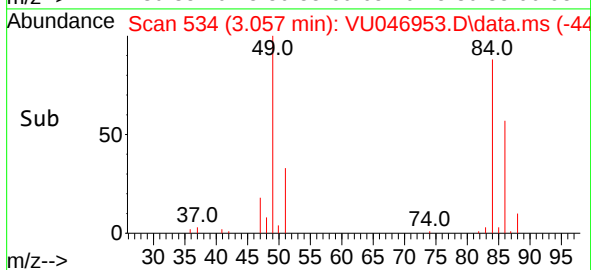
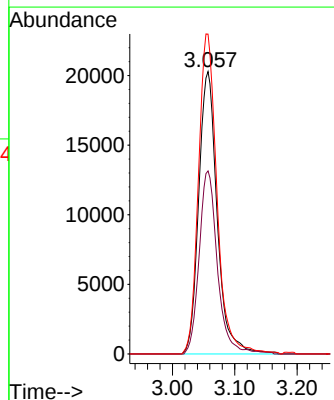
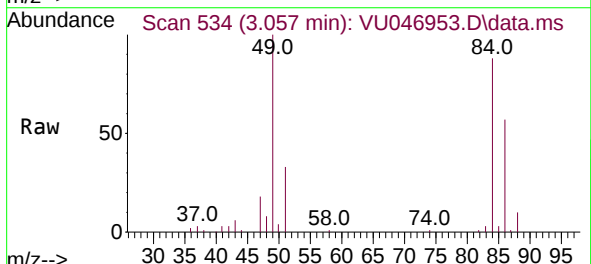
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

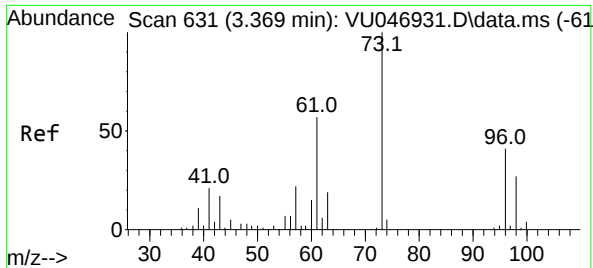
Tgt Ion: 43 Resp: 18386
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7



#16
Methylene chloride
Concen: 5.575 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 84 Resp: 41790
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 113.2 84.5 156.9

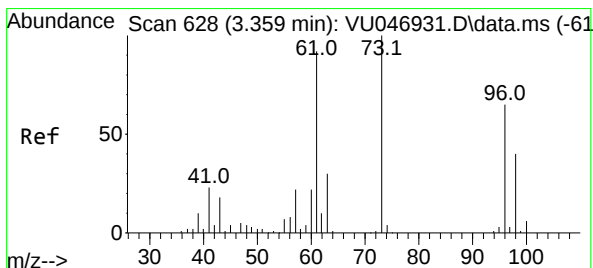
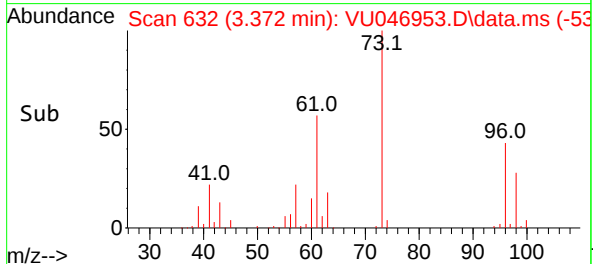
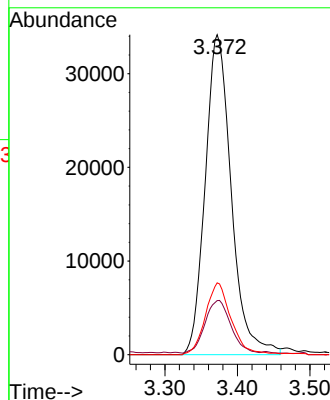
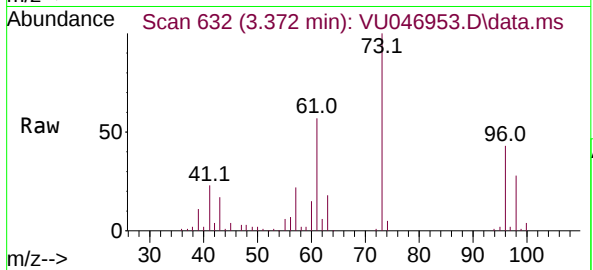




#17
Methyl tert-butyl Ether
Concen: 4.898 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

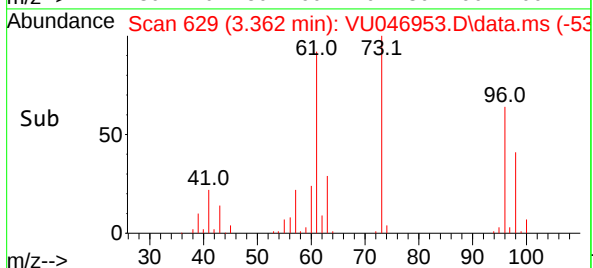
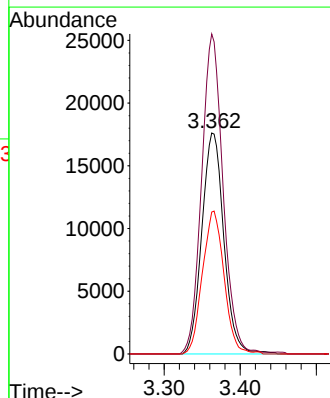
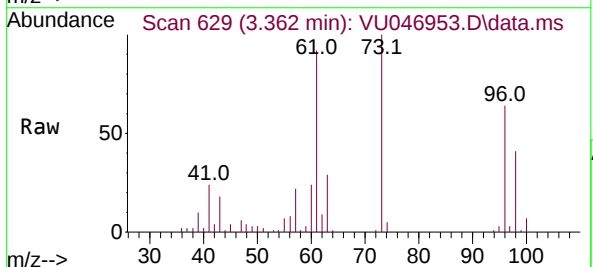
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

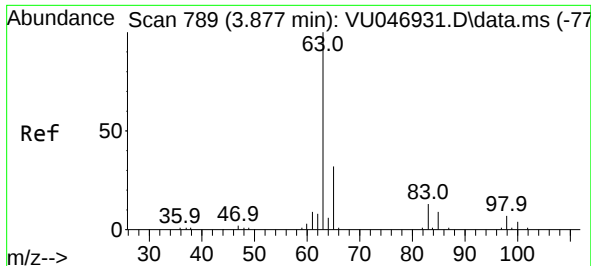
Tgt Ion: 73 Resp: 85305
Ion Ratio Lower Upper
73 100
43 16.1 14.8 22.2
57 22.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.272 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 96 Resp: 35447
Ion Ratio Lower Upper
96 100
61 144.8 100.8 187.2
98 64.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.967 ug/L

RT: 3.880 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005181

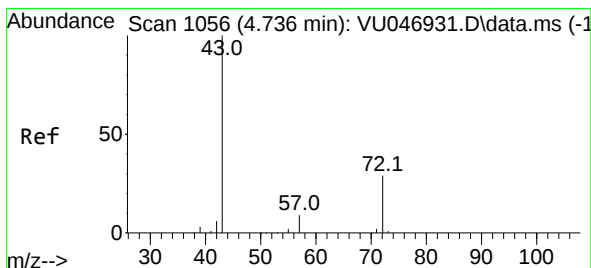
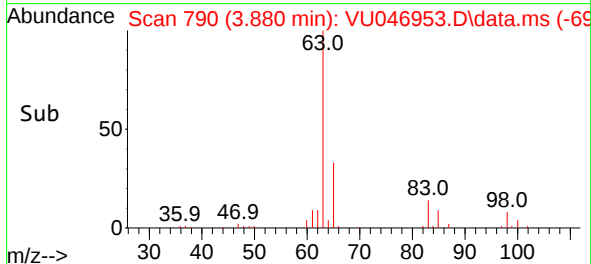
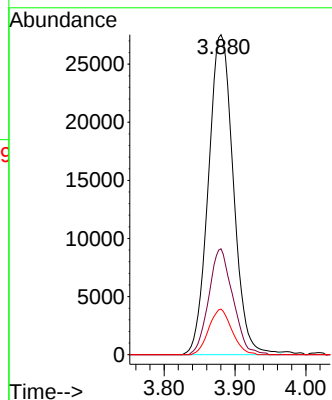
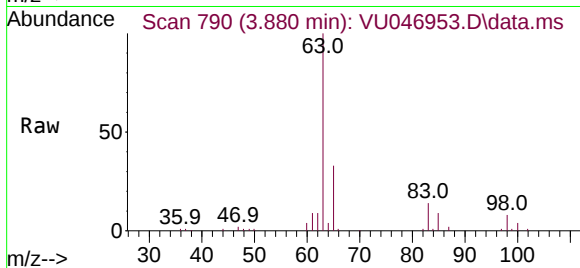
Tgt Ion: 63 Resp: 67351

Ion Ratio Lower Upper

63 100

65 33.1 22.3 41.5

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 50.673 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VU046953.D

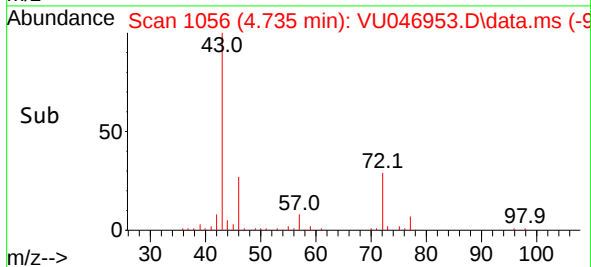
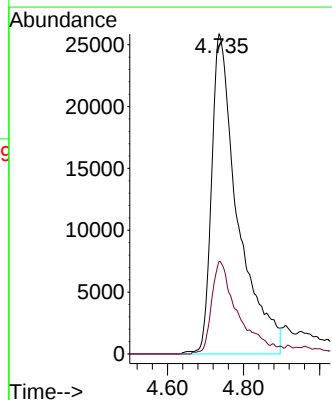
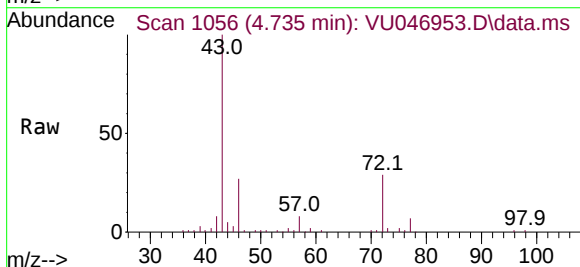
Acq: 01 Feb 2022 09:24

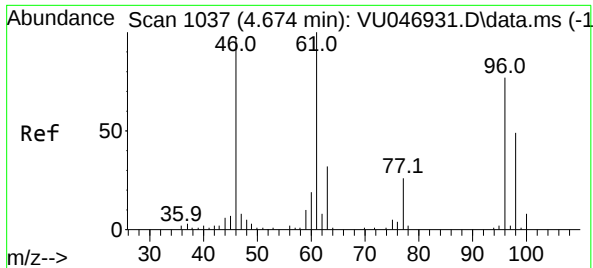
Tgt Ion: 43 Resp: 123692

Ion Ratio Lower Upper

43 100

72 28.5 14.1 42.3

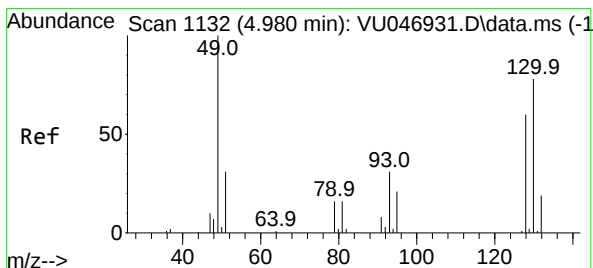
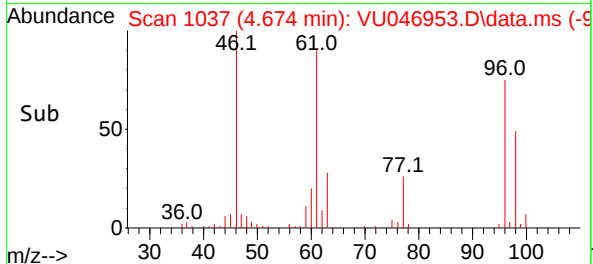
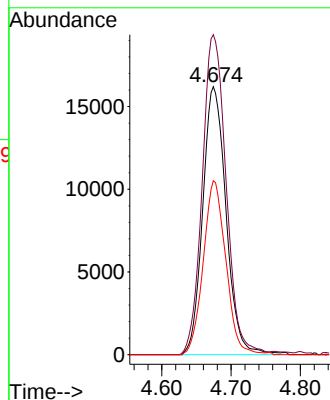
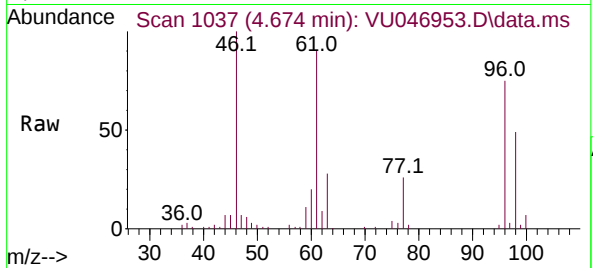




#22
 cis-1,2-Dichloroethene
 Concen: 5.338 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046953.D
 Acq: 01 Feb 2022 09:24

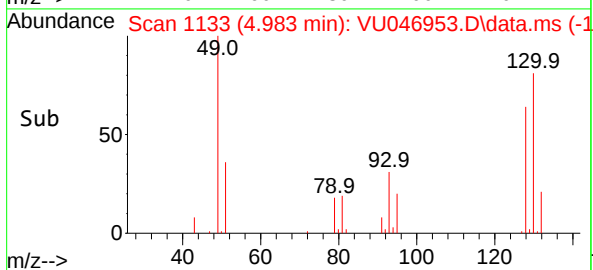
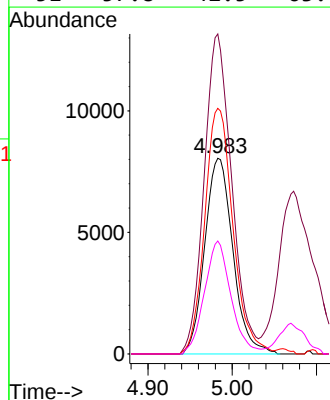
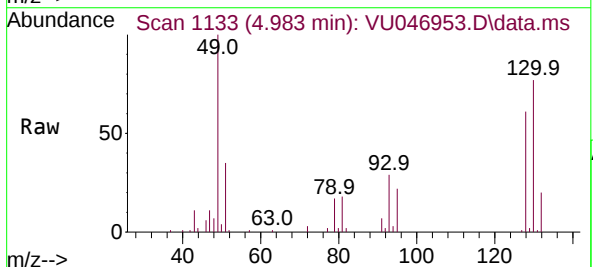
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

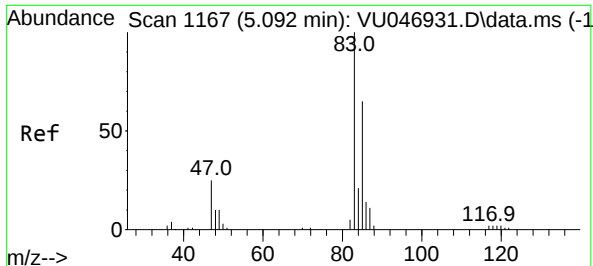
Tgt Ion: 96	Resp:	37858
Ion	Ratio	Lower Upper
96	100	
61	119.4	88.5 164.3
98	64.9	44.4 82.5



#23
 Bromochloromethane
 Concen: 5.358 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU046953.D
 Acq: 01 Feb 2022 09:24

Tgt Ion: 128	Resp:	18697
Ion	Ratio	Lower Upper
128	100	
49	163.5	117.0 217.2
130	125.5	88.2 163.8
51	57.8	42.5 63.7





#25

Chloroform

Concen: 4.016 ug/L

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

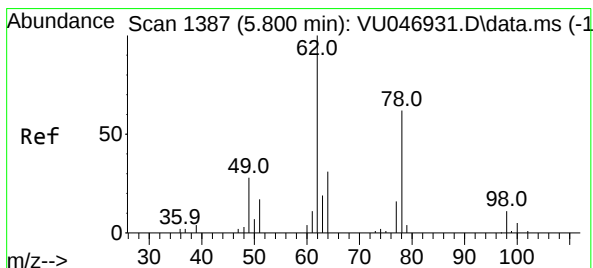
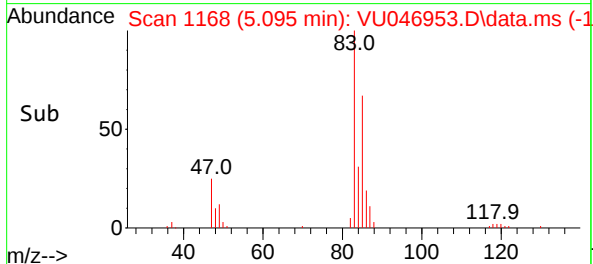
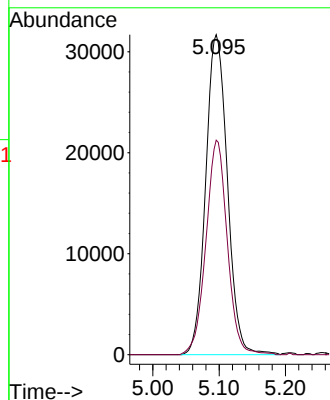
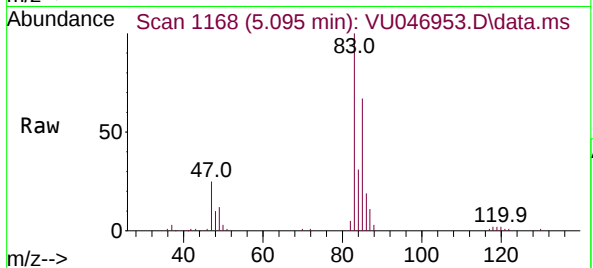
VSTD005181

Tgt Ion: 83 Resp: 71947

Ion Ratio Lower Upper

83 100

85 67.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.170 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046953.D

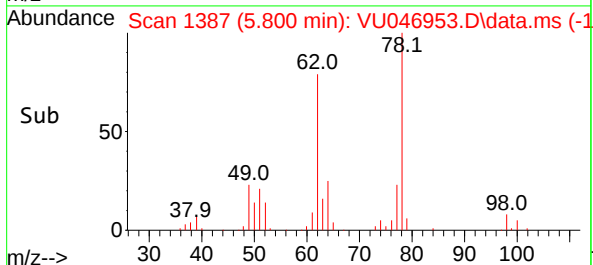
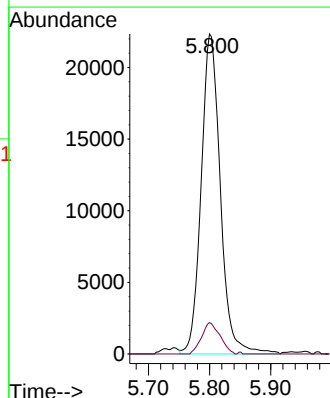
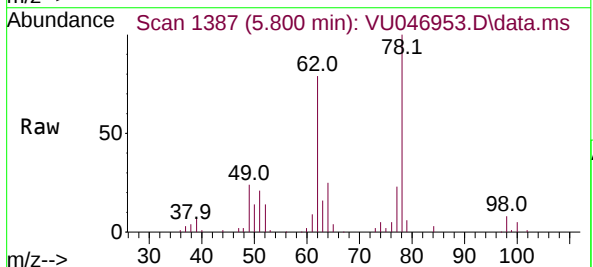
Acq: 01 Feb 2022 09:24

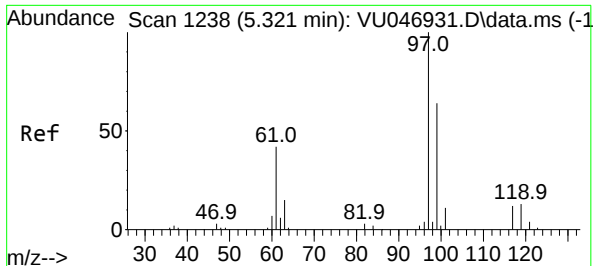
Tgt Ion: 62 Resp: 48790

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8

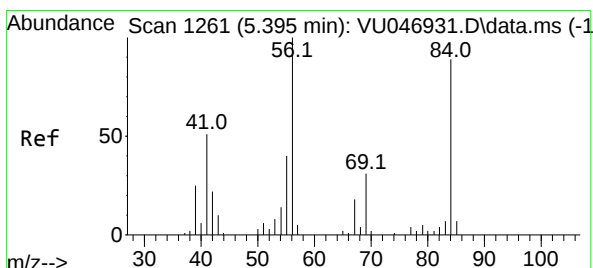
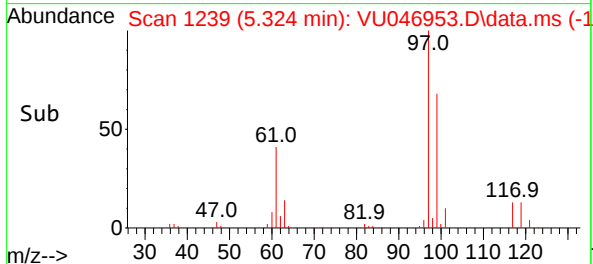
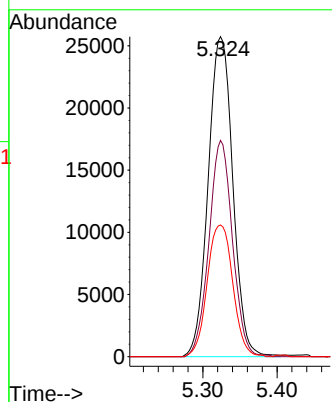
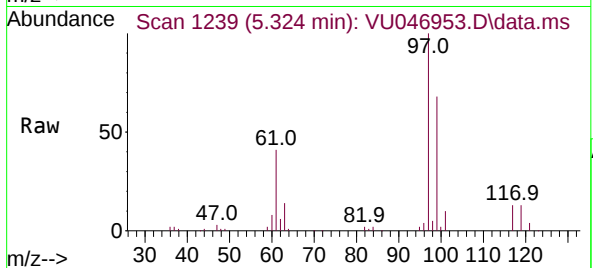




#29
1,1,1-Trichloroethane
Concen: 5.315 ug/L
RT: 5.324 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

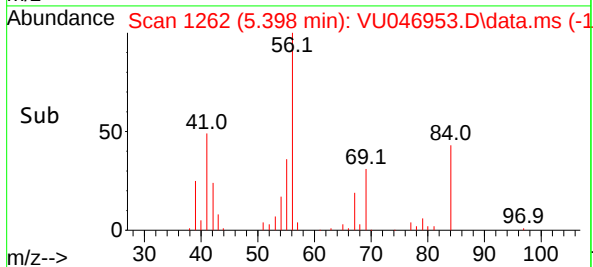
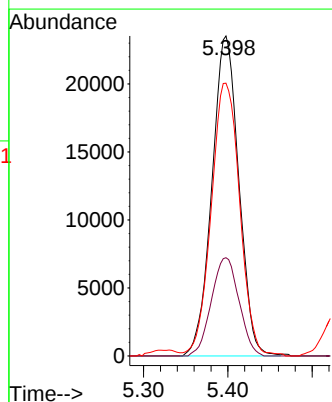
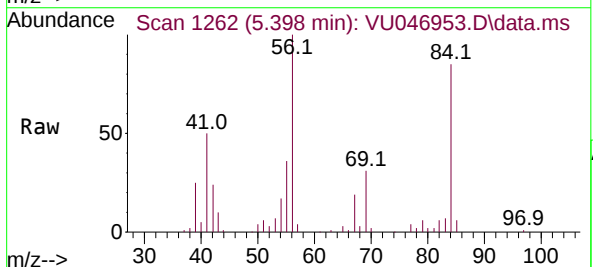
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

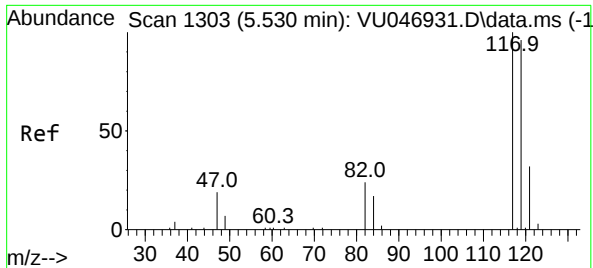
Tgt Ion:	97	Resp:	59456
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	42.7	36.1	54.1



#30
Cyclohexane
Concen: 4.595 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:	56	Resp:	52145
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.7	37.1
84	90.5	71.8	107.6

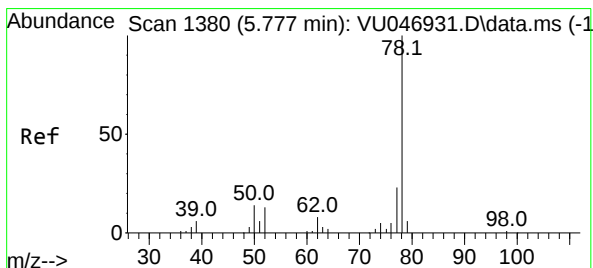
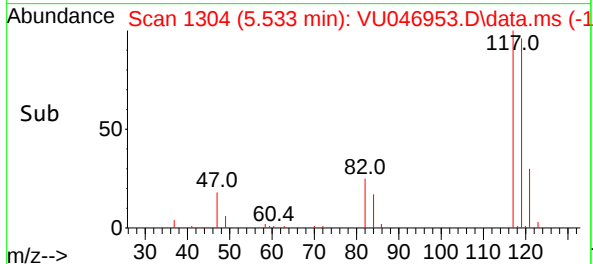
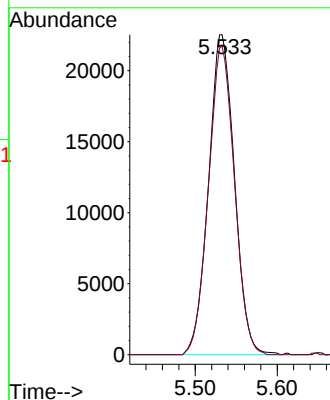
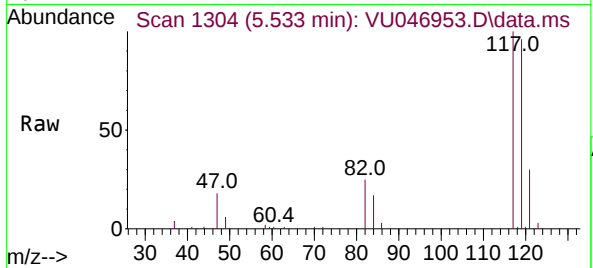




#31
Carbon tetrachloride
Concen: 5.167 ug/L
RT: 5.533 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

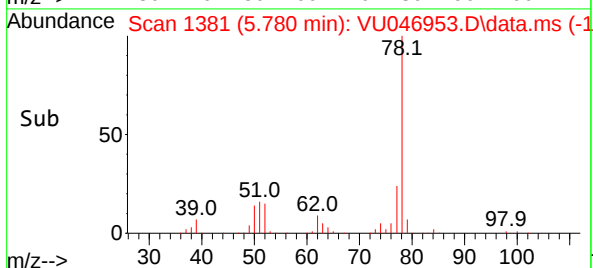
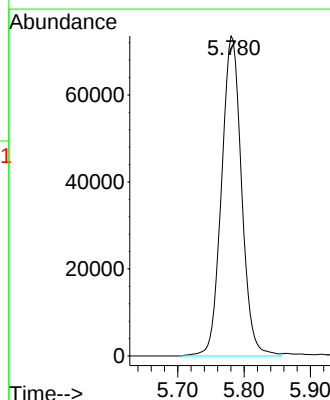
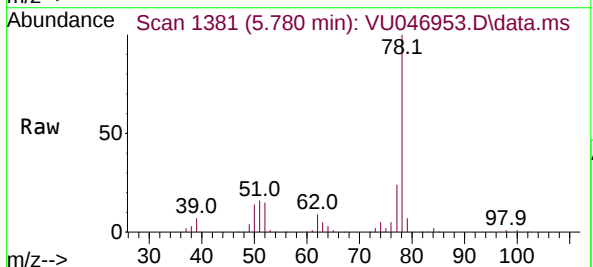
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

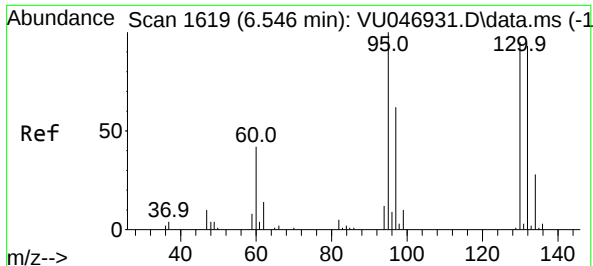
Tgt Ion:117 Resp: 49597
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 5.282 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 78 Resp: 154467



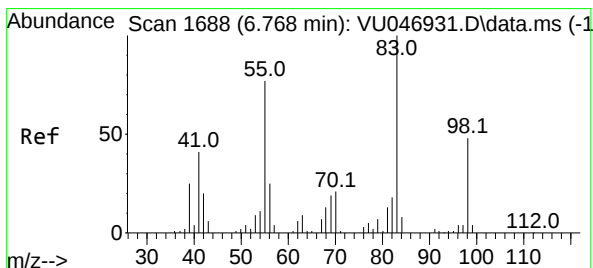
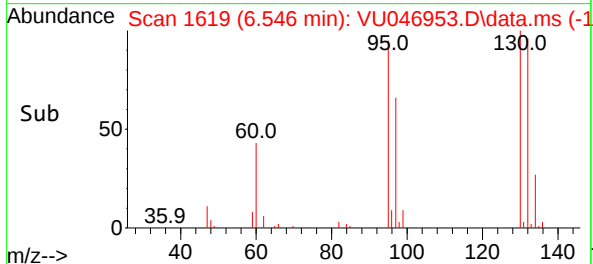
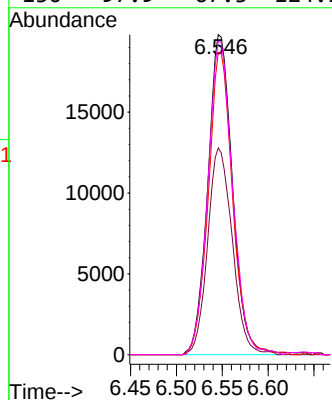
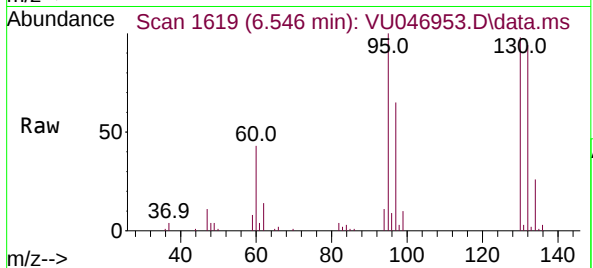


#34
Trichloroethene
Concen: 4.869 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

Tgt Ion: 95 Resp: 36967

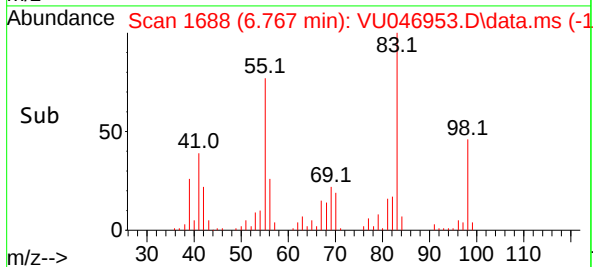
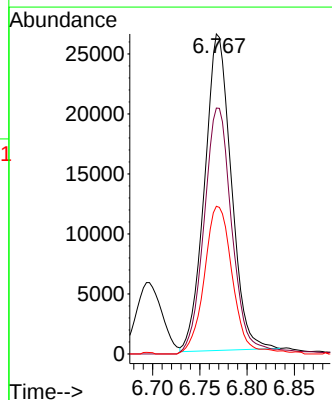
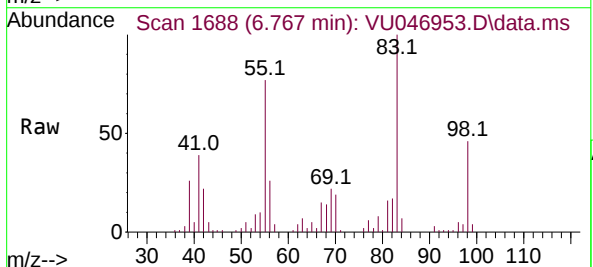
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	94.4	65.1	120.9
130	97.9	67.3	124.9

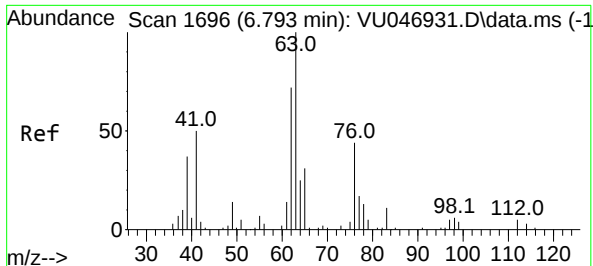


#35
Methylcyclohexane
Concen: 4.069 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 83 Resp: 51747

Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.9	92.9
98	49.4	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.405 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

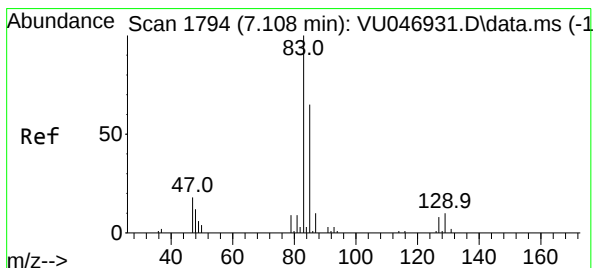
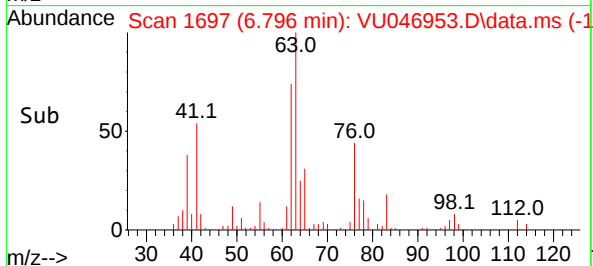
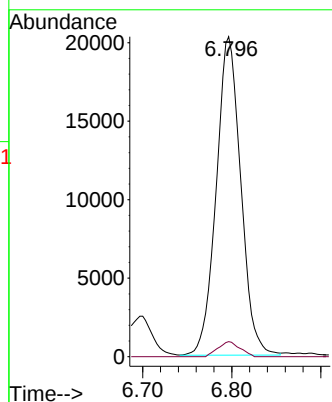
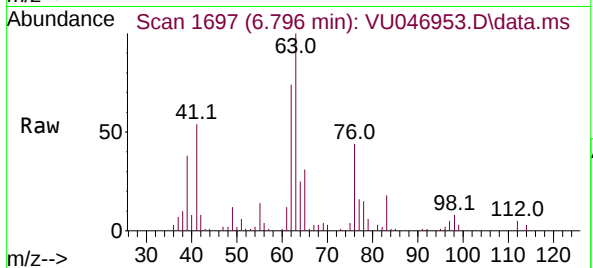
VSTD005181

Tgt Ion: 63 Resp: 38779

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.919 ug/L

RT: 7.111 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

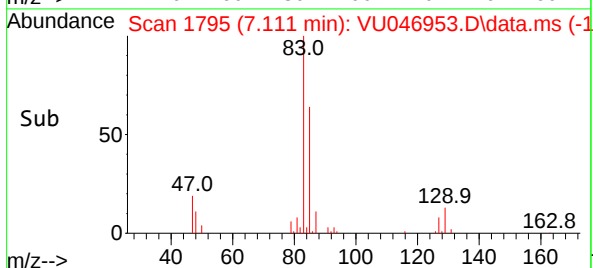
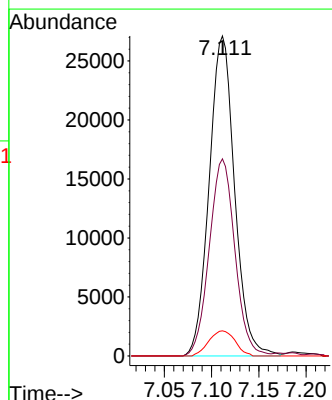
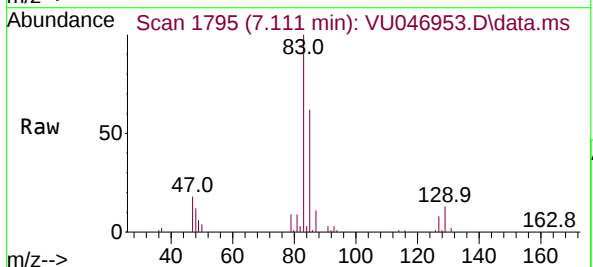
Tgt Ion: 83 Resp: 50783

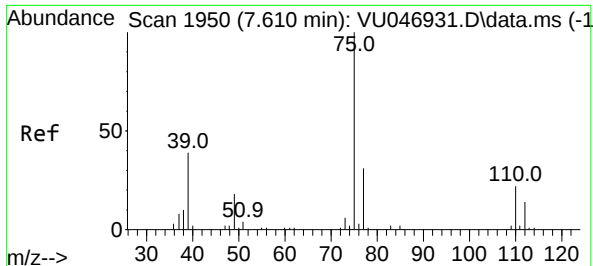
Ion Ratio Lower Upper

83 100

85 61.6 44.0 81.8

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.694 ug/L

RT: 7.613 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

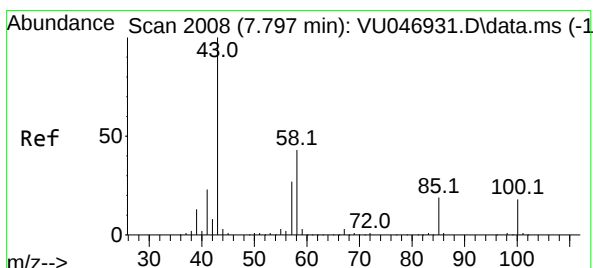
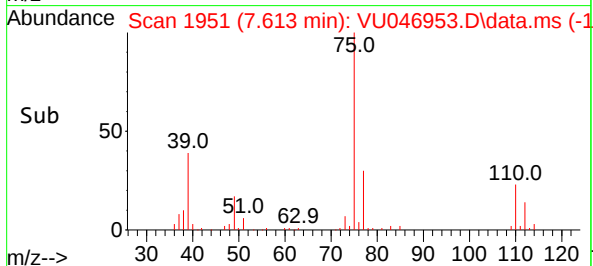
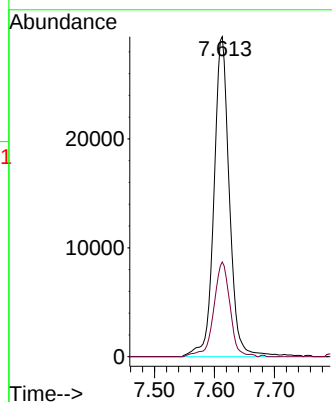
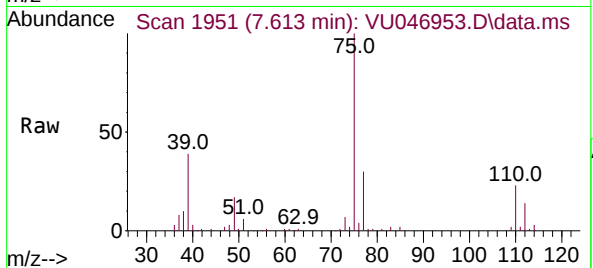
VSTD005181

Tgt Ion: 75 Resp: 52537

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.291 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

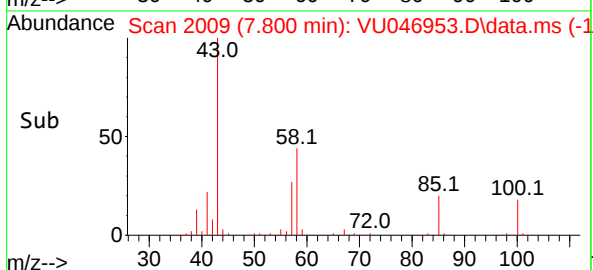
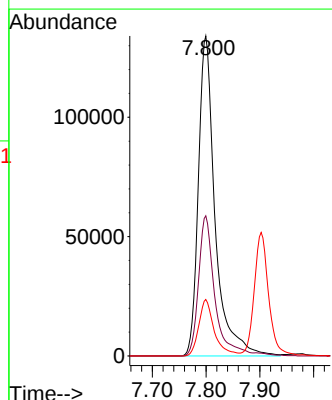
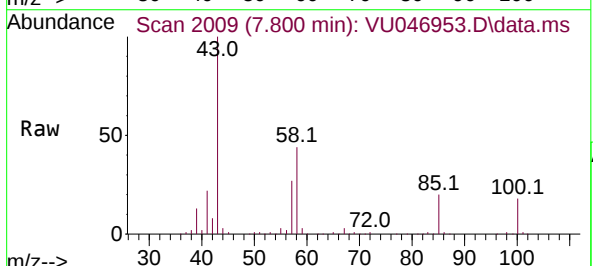
Tgt Ion: 43 Resp: 290788

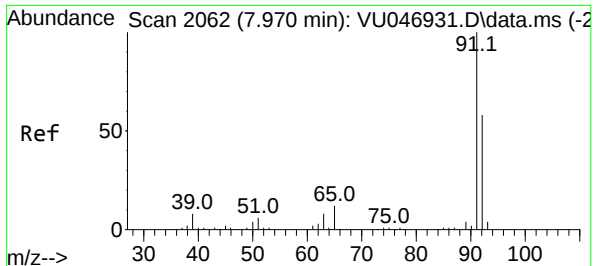
Ion Ratio Lower Upper

43 100

58 42.2 33.1 49.7

100 16.4 13.2 19.8





#42

Toluene

Concen: 4.803 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

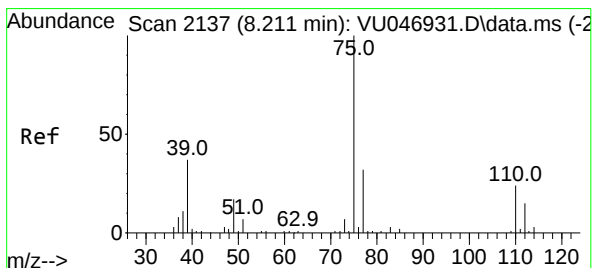
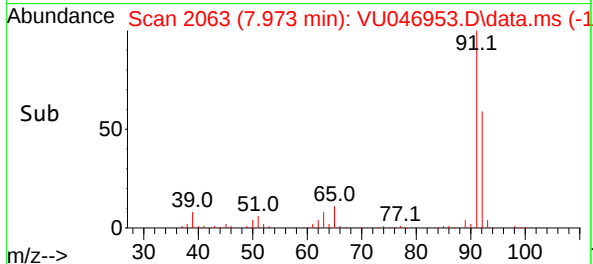
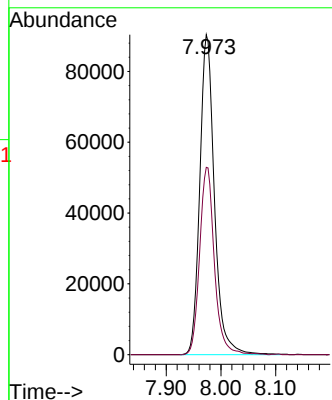
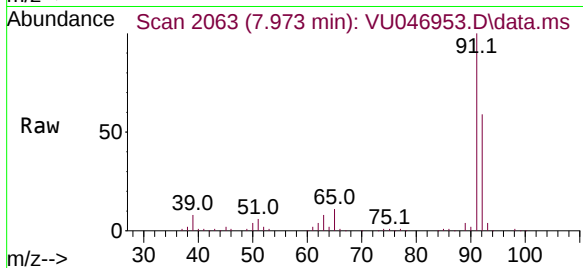
VSTD005181

Tgt Ion: 91 Resp: 167890

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.009 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046953.D

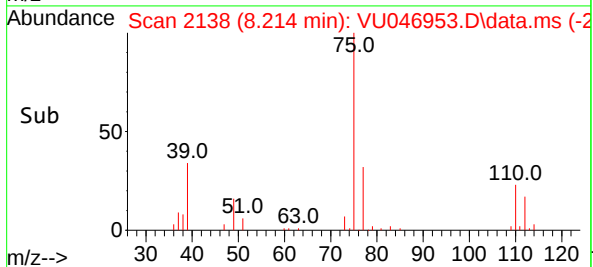
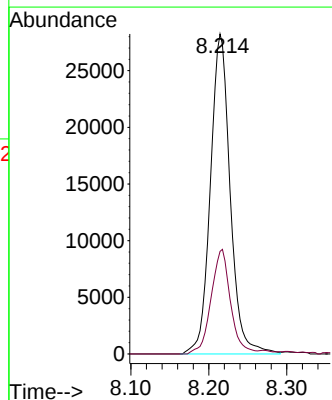
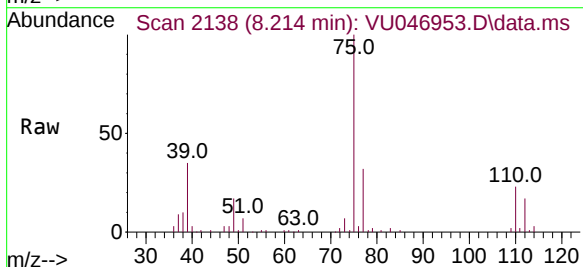
Acq: 01 Feb 2022 09:24

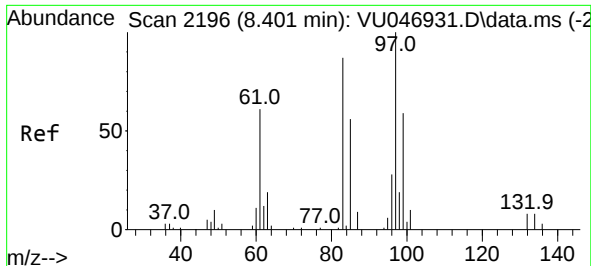
Tgt Ion: 75 Resp: 49946

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.3

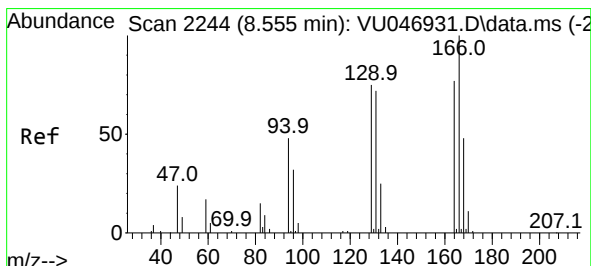
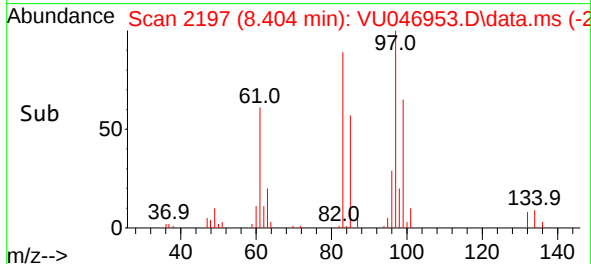
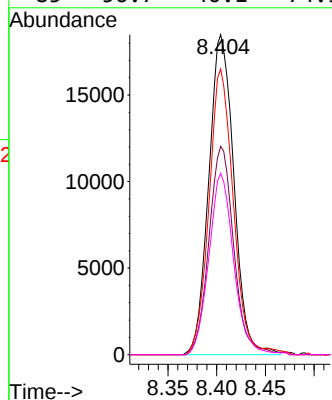
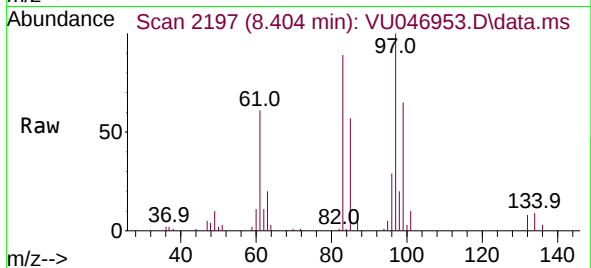




#45
1,1,2-Trichloroethane
Concen: 5.422 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

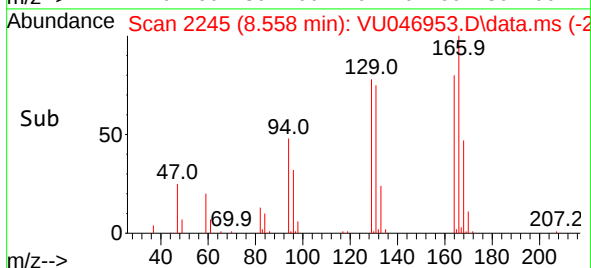
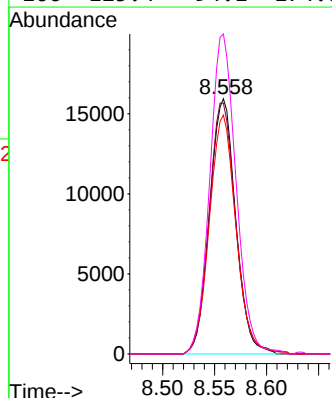
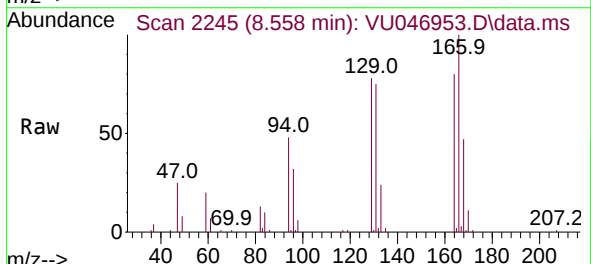
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

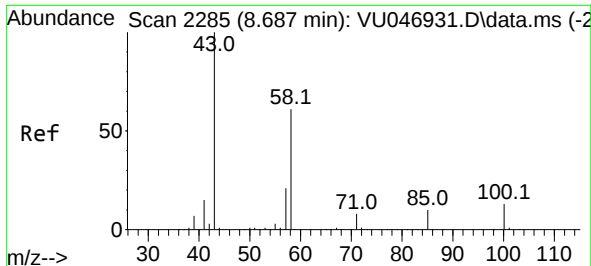
Tgt Ion:	97	Resp:	33092
Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.3	78.5
83	89.3	62.0	115.2
85	56.7	40.1	74.5



#47
Tetrachloroethene
Concen: 4.504 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:	164	Resp:	27814
Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.8	133.4
131	93.6	68.5	127.3
166	125.4	94.1	174.8

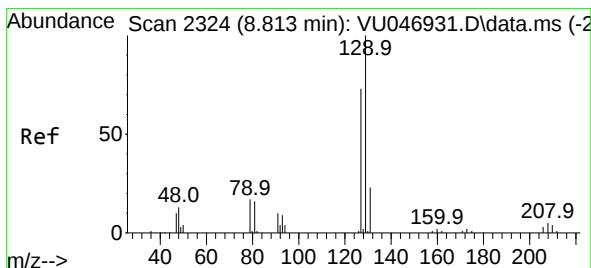
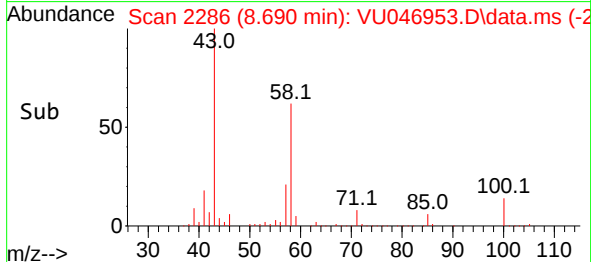
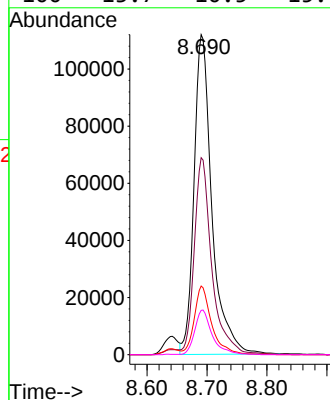
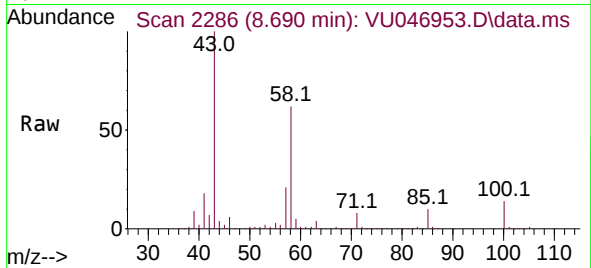




#48
2-Hexanone
Concen: 58.709 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

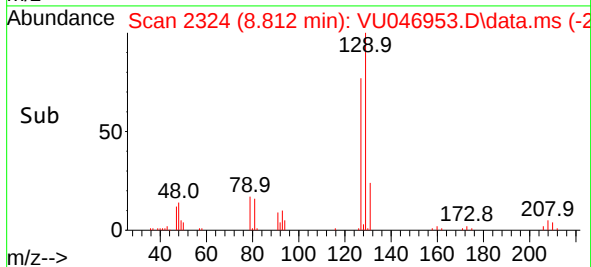
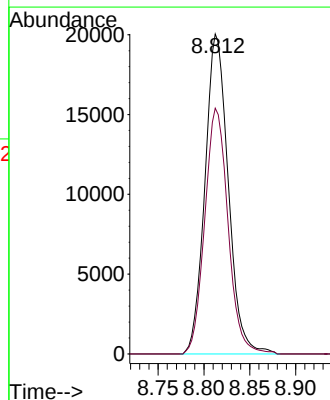
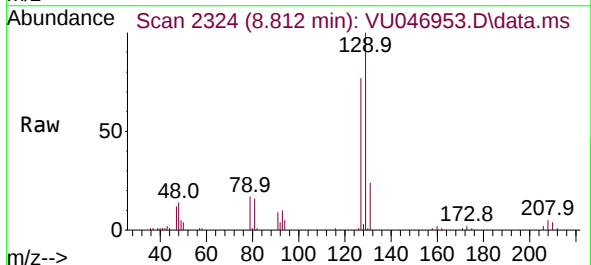
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

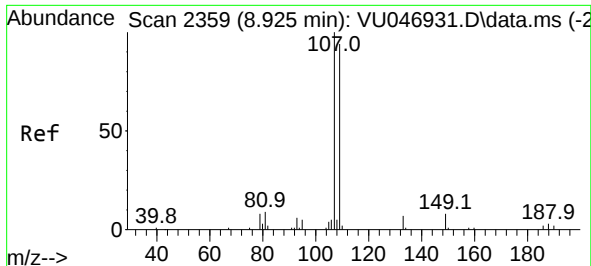
Tgt Ion: 43 Resp: 233061
Ion Ratio Lower Upper
43 100
58 60.1 46.7 70.1
57 20.6 16.3 24.5
100 13.7 10.5 15.7



#49
Dibromochloromethane
Concen: 4.922 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 129 Resp: 35435
Ion Ratio Lower Upper
129 100
127 76.8 55.4 102.8

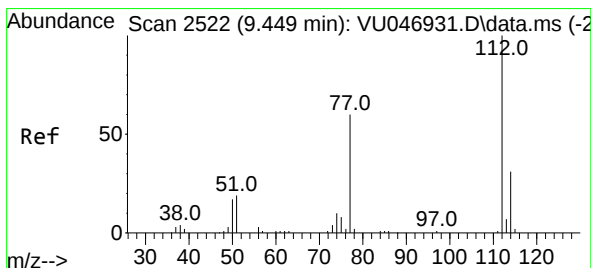
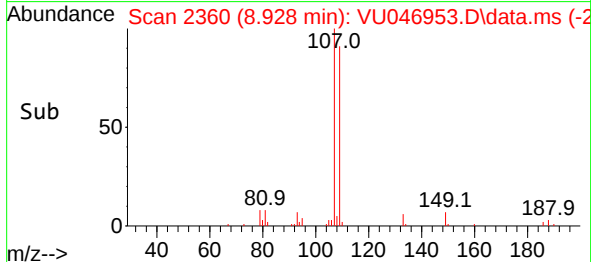
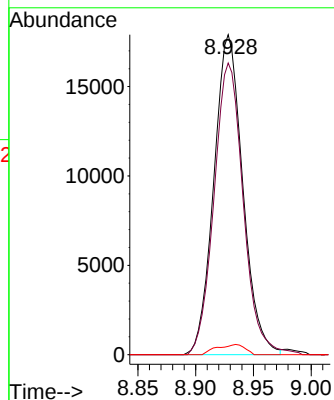
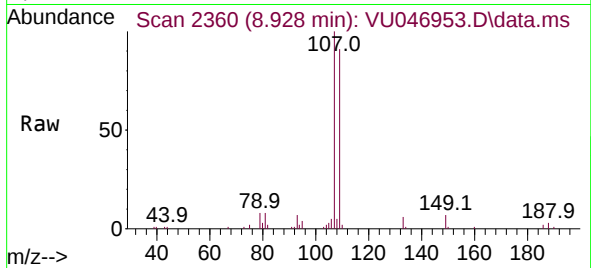




#50
1,2-Dibromoethane
Concen: 5.043 ug/L
RT: 8.928 min Scan# 21196
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

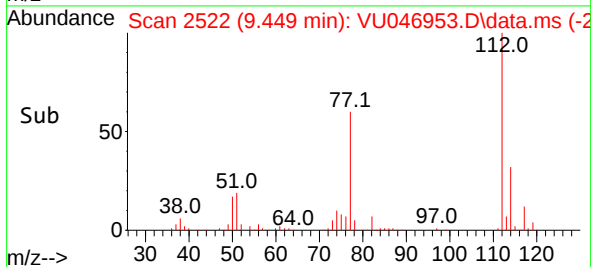
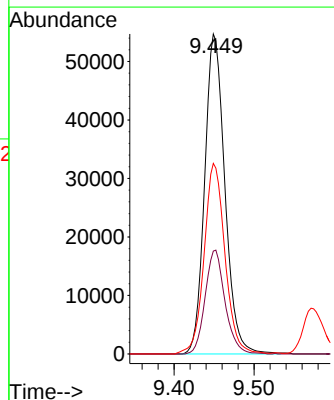
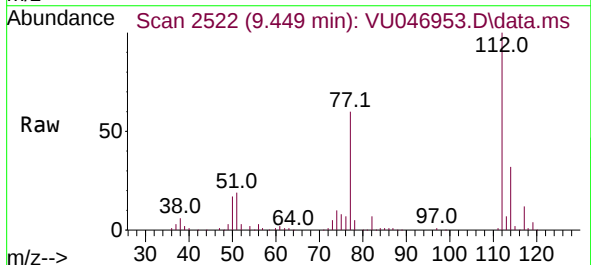
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

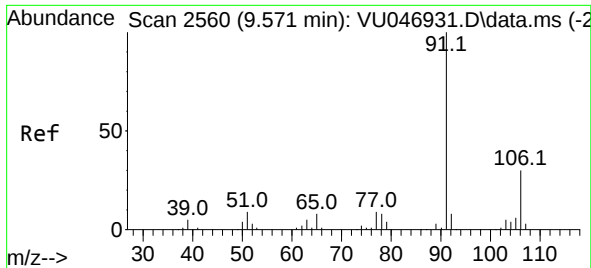
Tgt Ion:	107	Resp:	31196
Ion Ratio	Lower	Upper	
107	100		
109	91.2	64.0	119.0
188	2.6	2.4	3.6



#51
Chlorobenzene
Concen: 4.746 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:	112	Resp:	96343
Ion Ratio	Lower	Upper	
112	100		
114	32.2	22.1	41.1
77	59.5	48.3	72.5

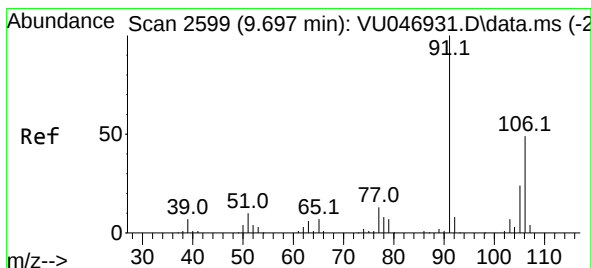
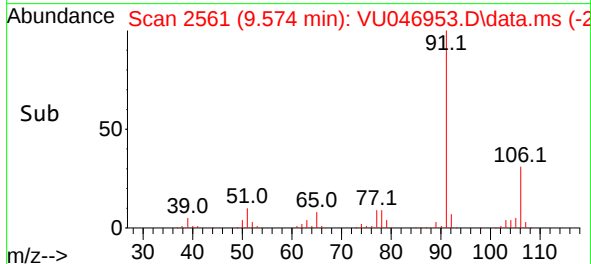
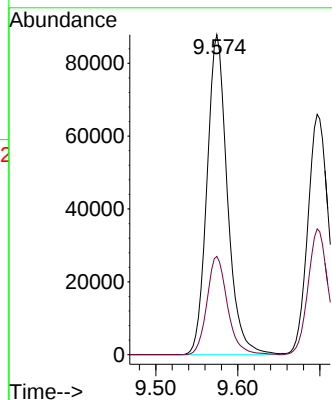
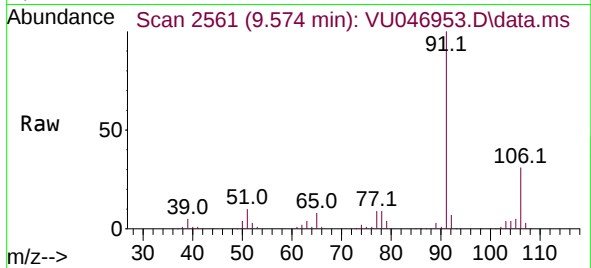




#52
Ethylbenzene
Concen: 4.569 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

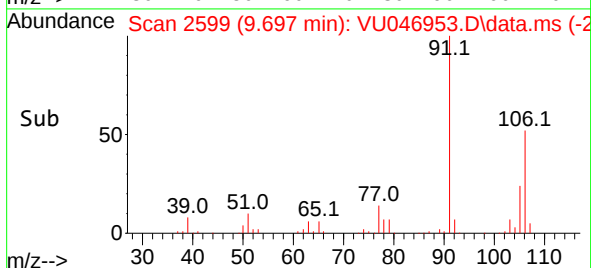
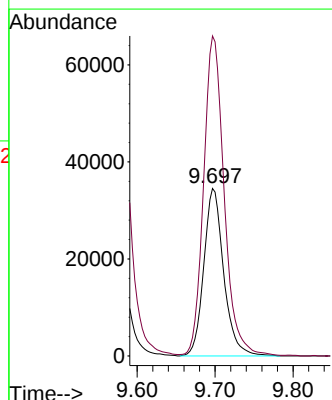
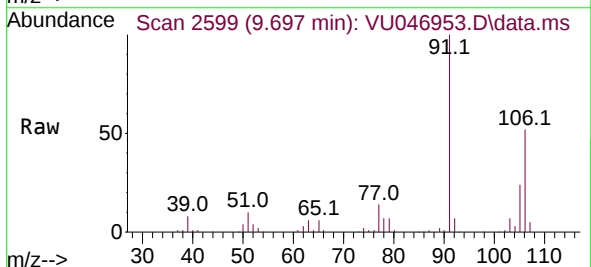
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

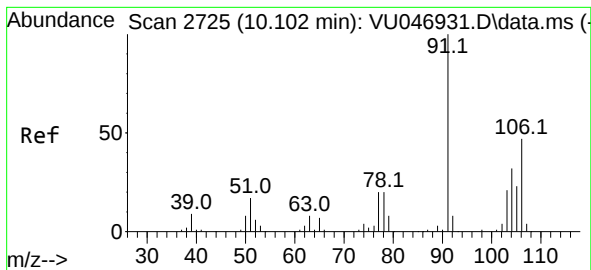
Tgt Ion: 91 Resp: 151845
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 4.636 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 106 Resp: 61419
Ion Ratio Lower Upper
106 100
91 191.0 139.4 259.0





#54

o-Xylene

Concen: 4.359 ug/L

RT: 10.105 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

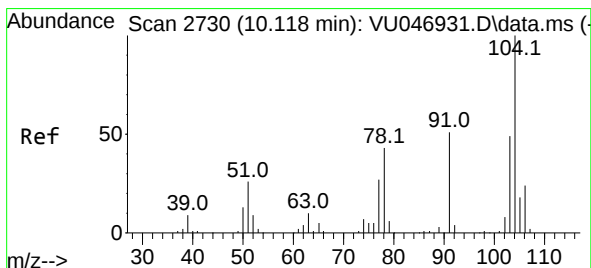
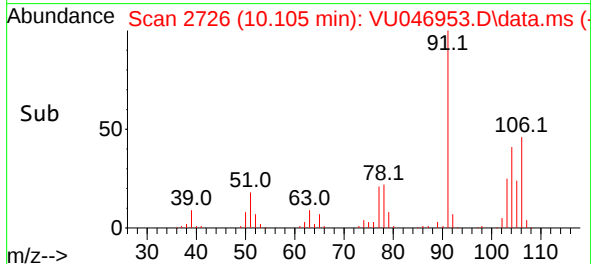
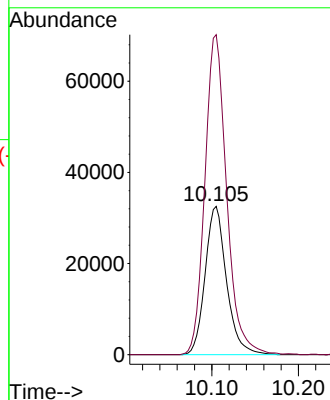
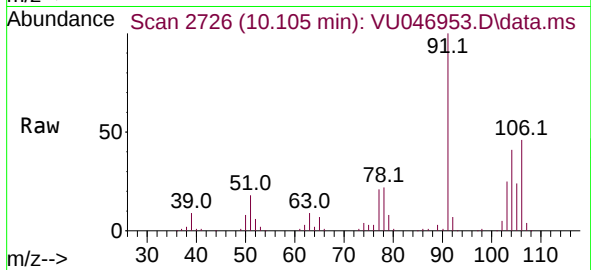
VSTD005181

Tgt Ion:106 Resp: 55976

Ion Ratio Lower Upper

106 100

91 215.6 147.5 273.9



#55

Styrene

Concen: 4.725 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046953.D

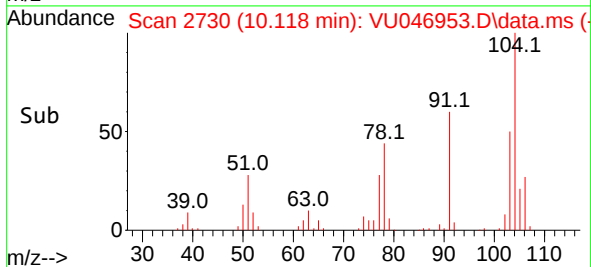
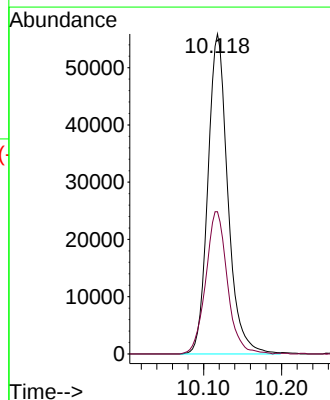
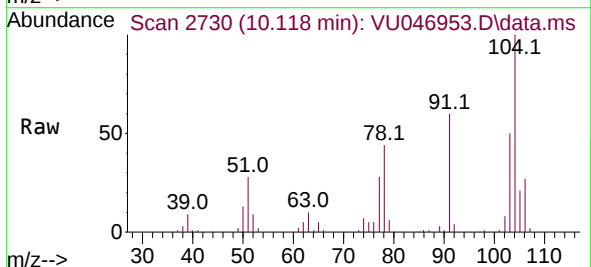
Acq: 01 Feb 2022 09:24

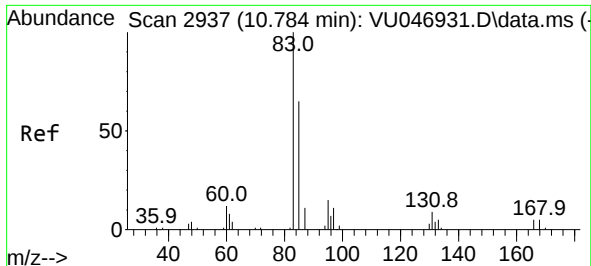
Tgt Ion:104 Resp: 99249

Ion Ratio Lower Upper

104 100

78 44.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.535 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005181

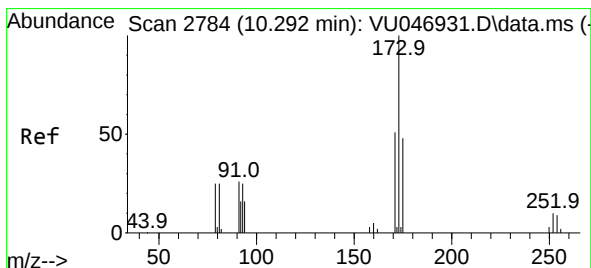
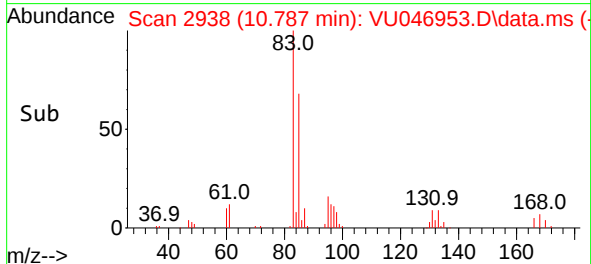
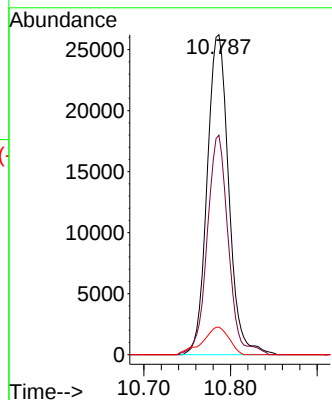
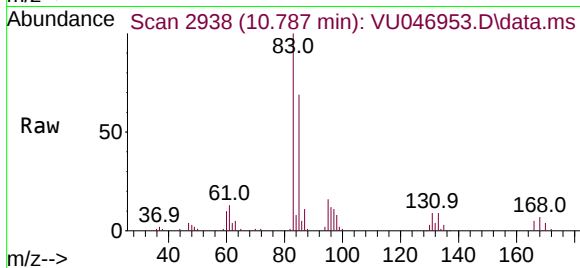
Tgt Ion: 83 Resp: 45429

Ion Ratio Lower Upper

83 100

85 68.6 47.9 89.1

131 8.6 8.1 12.1



#59

Bromoform

Concen: 4.868 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

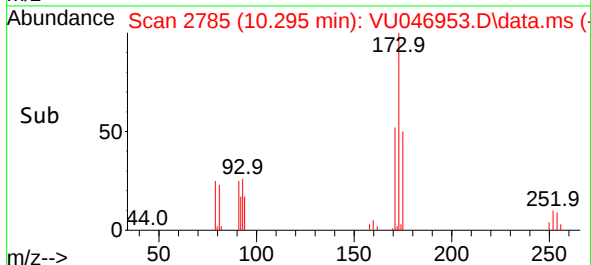
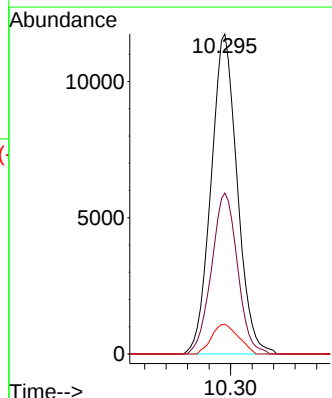
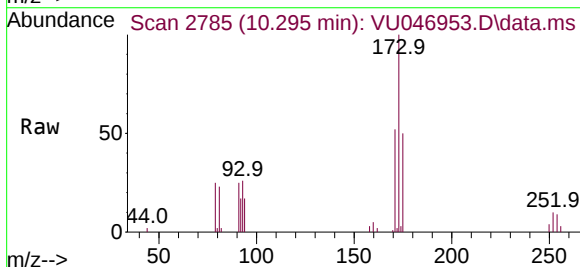
Tgt Ion:173 Resp: 19799

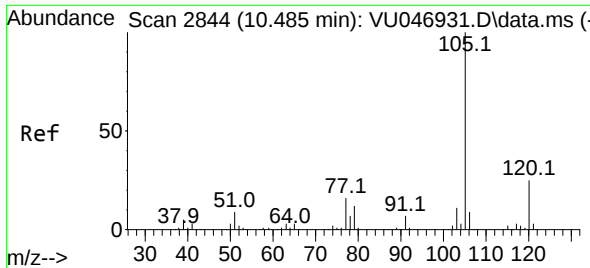
Ion Ratio Lower Upper

173 100

175 49.9 37.8 56.6

254 9.5 7.3 10.9

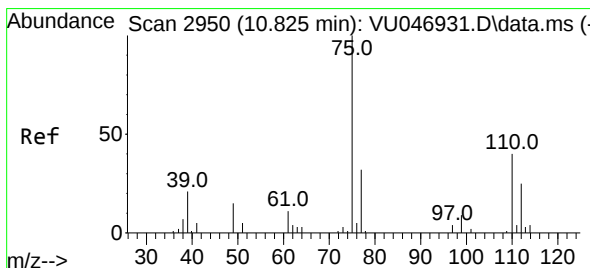
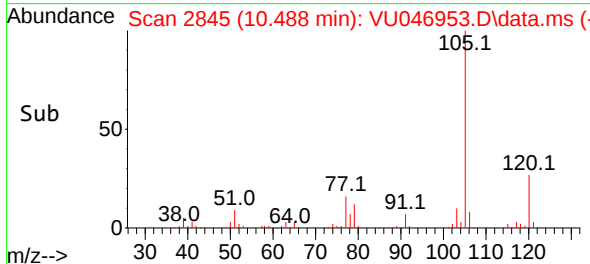
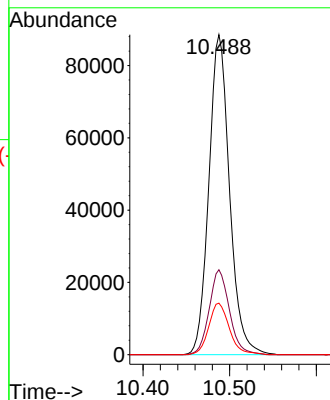
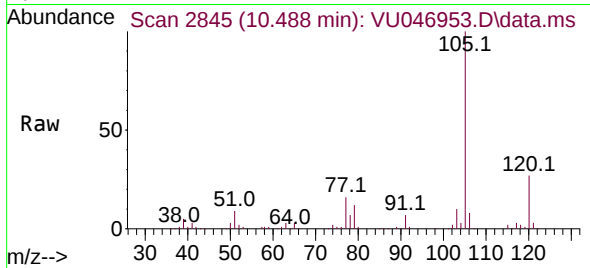




#60
Isopropylbenzene
Concen: 4.775 ug/L
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

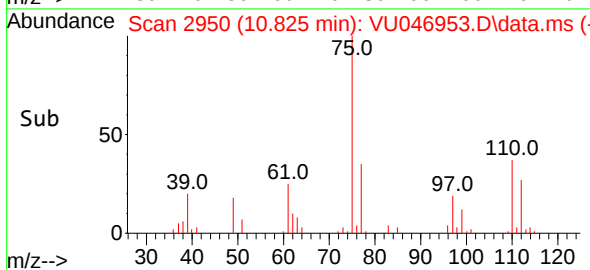
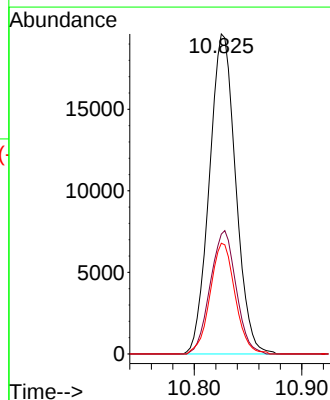
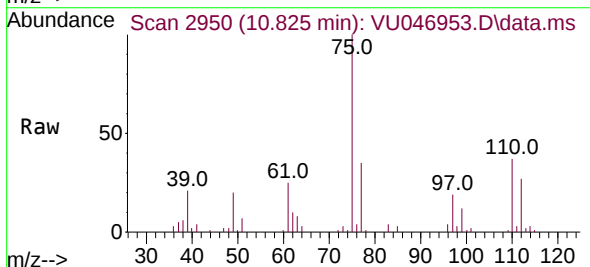
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

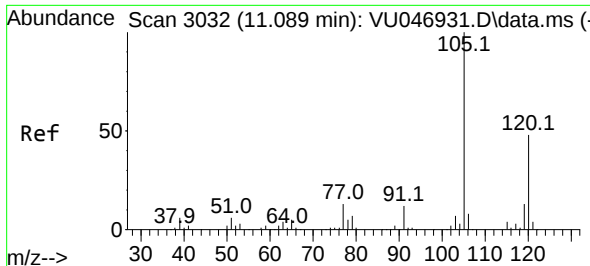
Tgt Ion:105 Resp: 146913
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.964 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion: 75 Resp: 33371
Ion Ratio Lower Upper
75 100
110 37.7 29.9 44.9
77 32.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.241 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

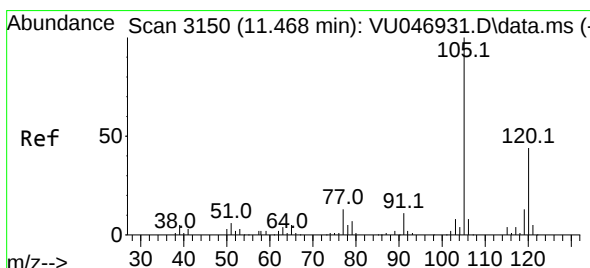
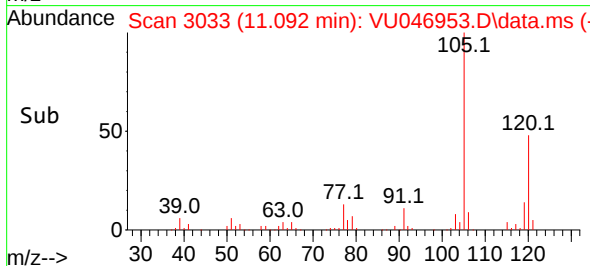
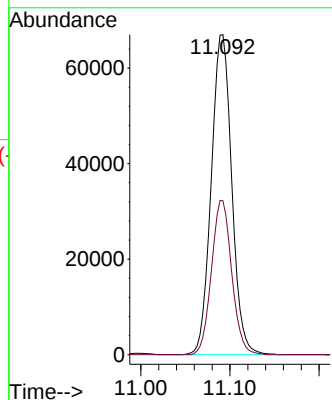
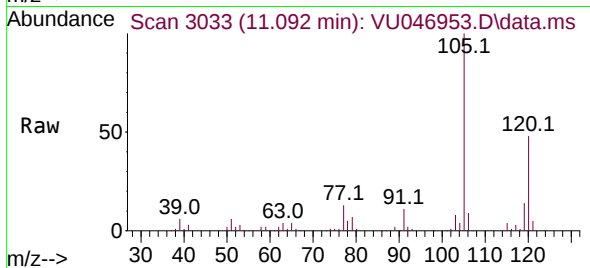
VSTD005181

Tgt Ion:105 Resp: 107098

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.243 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046953.D

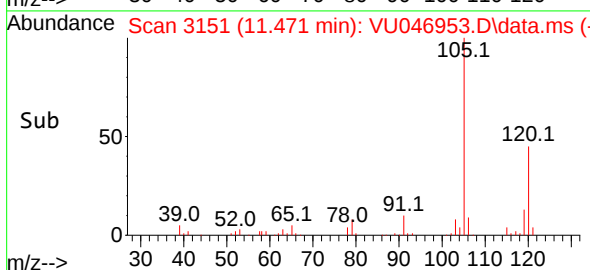
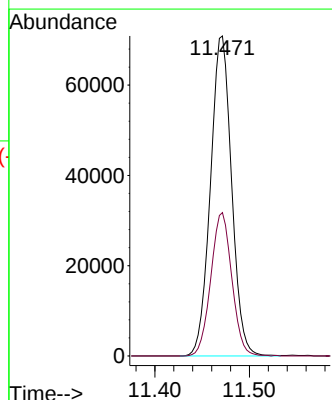
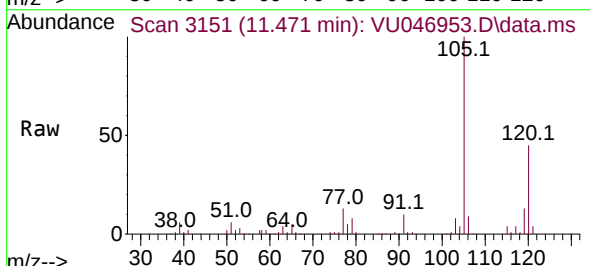
Acq: 01 Feb 2022 09:24

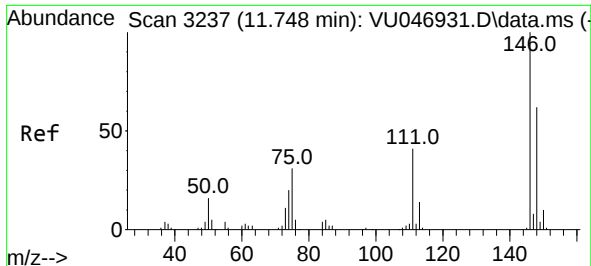
Tgt Ion:105 Resp: 110265

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8

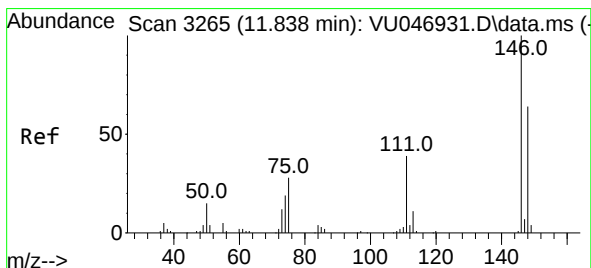
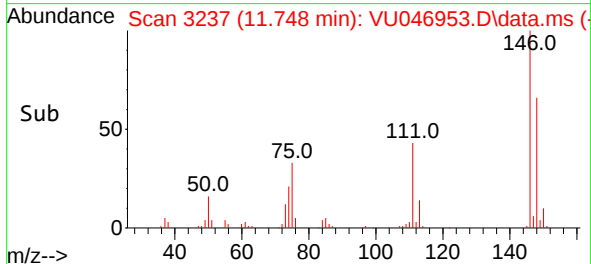
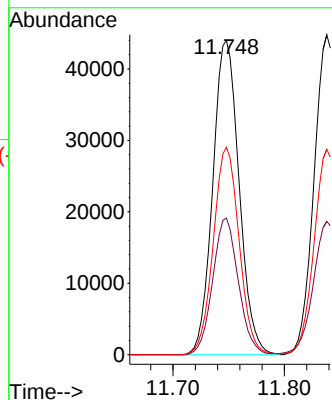
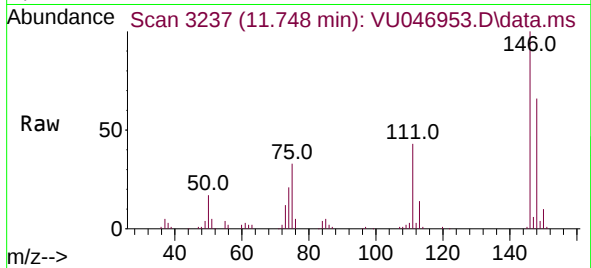




#64
1,3-Dichlorobenzene
Concen: 4.693 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

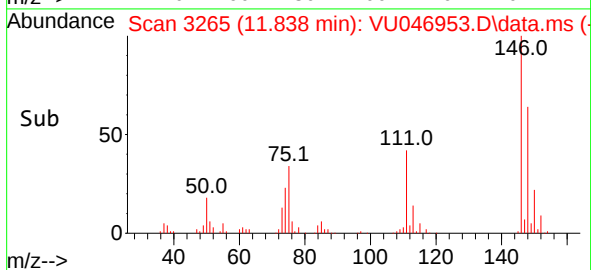
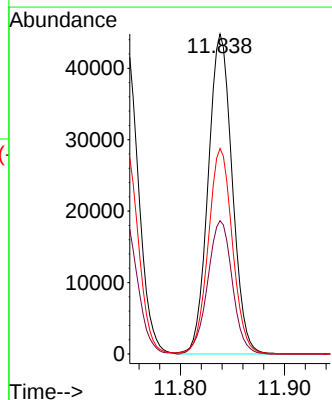
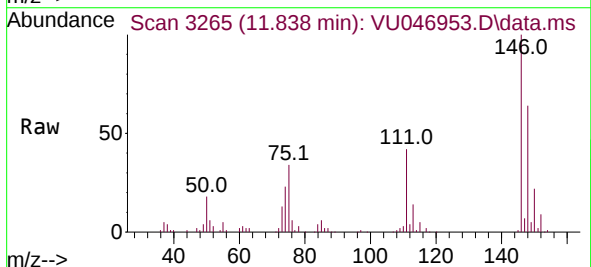
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

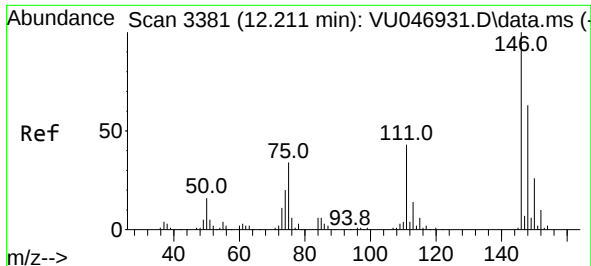
Tgt Ion:146 Resp: 72170
Ion Ratio Lower Upper
146 100
111 43.5 29.9 55.5
148 66.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.641 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:146 Resp: 71824
Ion Ratio Lower Upper
146 100
111 41.6 28.7 53.3
148 64.2 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.707 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005181

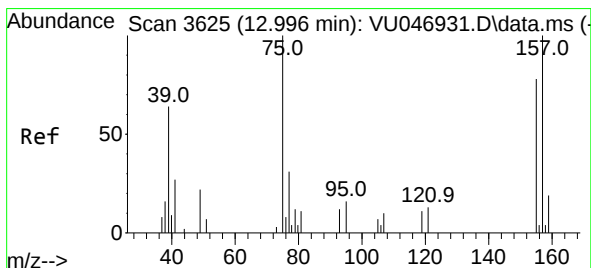
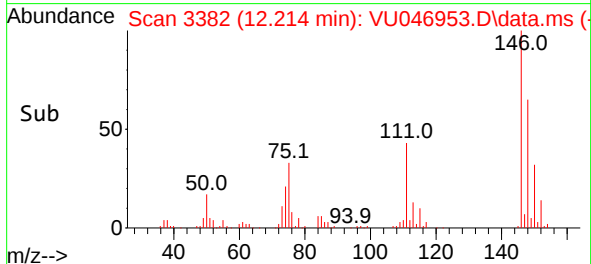
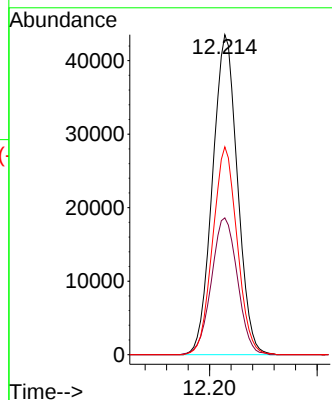
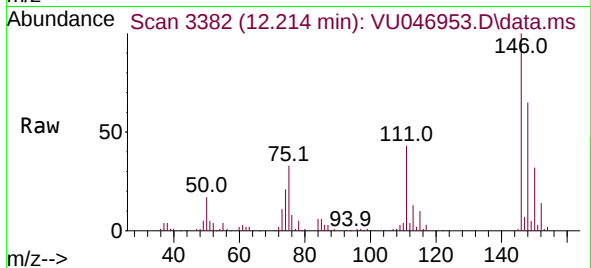
Tgt Ion:146 Resp: 70015

Ion Ratio Lower Upper

146 100

111 42.7 35.4 53.0

148 65.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.892 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046953.D

Acq: 01 Feb 2022 09:24

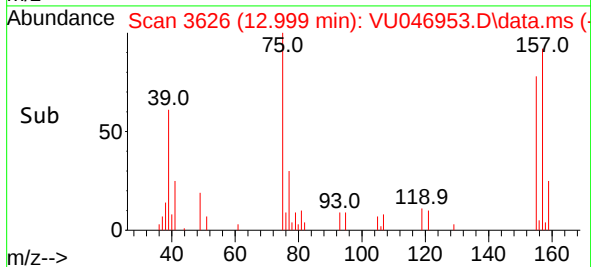
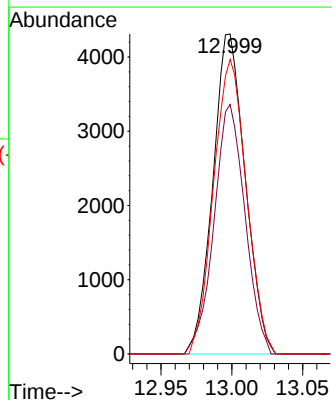
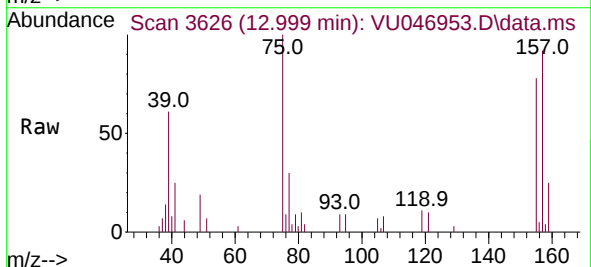
Tgt Ion: 75 Resp: 6844

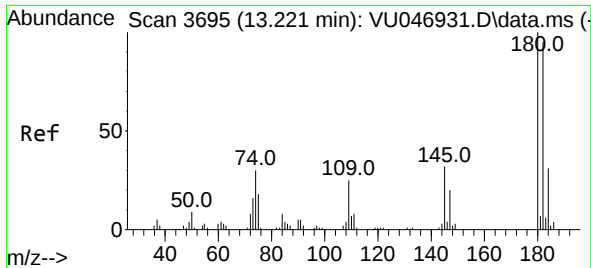
Ion Ratio Lower Upper

75 100

155 78.0 59.2 88.8

157 92.0 76.5 114.7

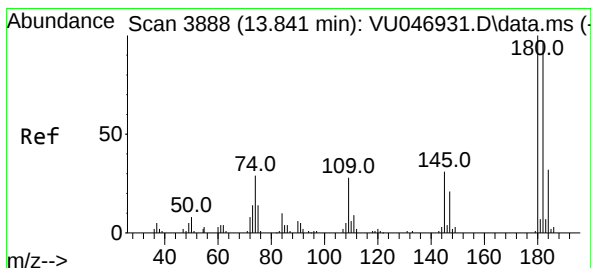
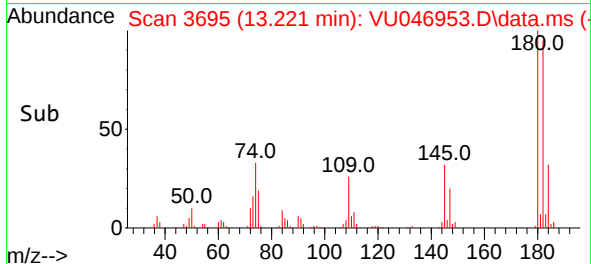
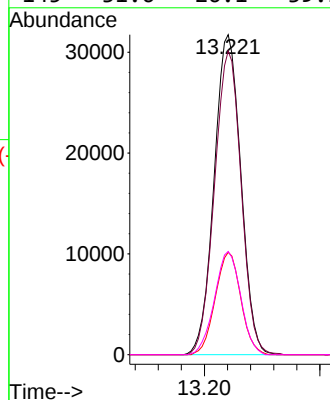
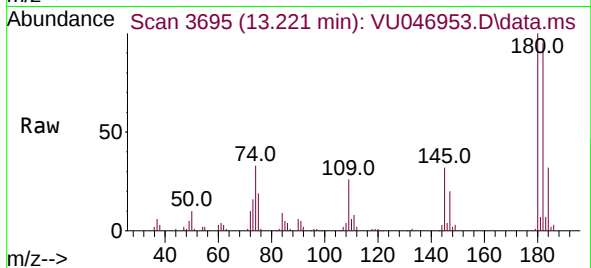




#69
1,3,5-Trichlorobenzene
Concen: 4.203 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

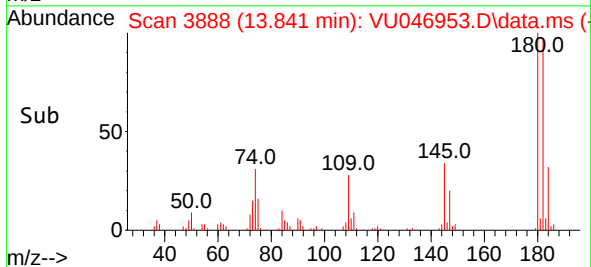
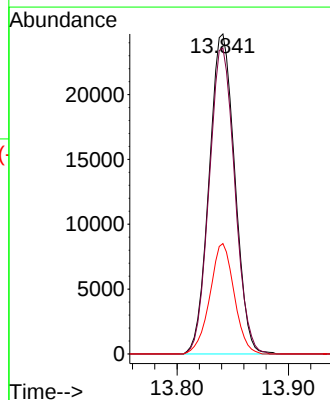
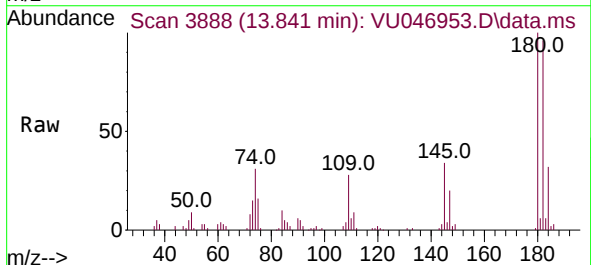
Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

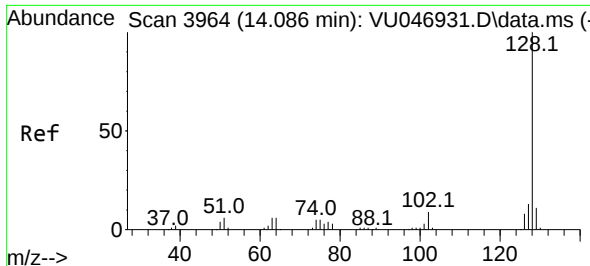
Tgt Ion:180	Resp:	50959
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.1 114.1
184	30.5	25.0 37.4
145	31.6	26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 3.903 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:180	Resp:	39563
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.4 114.6
145	32.7	25.6 38.4

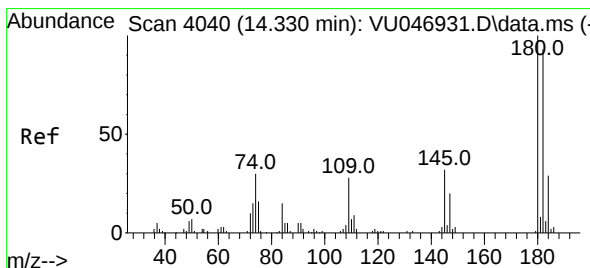
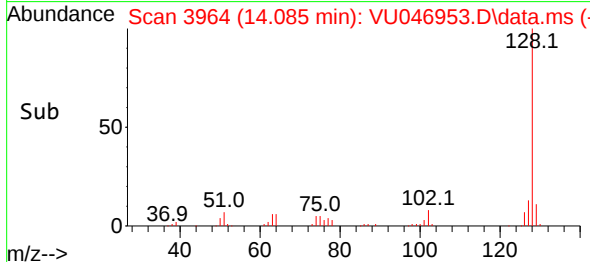
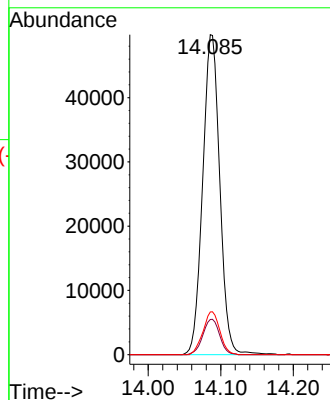
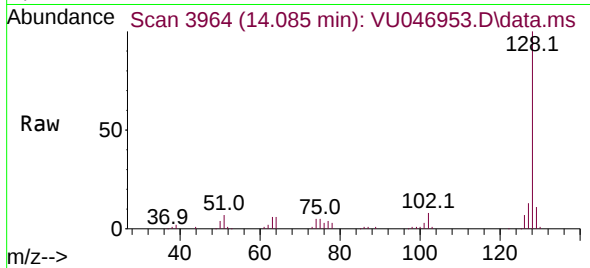




#71
Naphthalene
Concen: 3.949 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005181

Tgt Ion:128	Resp:	81493
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.4 12.6
127	13.3	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.367 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046953.D
Acq: 01 Feb 2022 09:24

Tgt Ion:180	Resp:	41809
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.2 114.4
145	32.5	28.4 42.6

