

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072722\
 Data File : U049957.D
 Acq On : 27 Jul 2022 18:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Jul 28 03:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:22:08 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.247	114	107834	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	105627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	49136	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	47652	5.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 103.000%		
7) Chloroethane-d5		1.912	69	35665	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.200%		
11) 1,1-Dichloroethene-d2		2.562	65	17479	5.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.600%		
20) 2-Butanone-d5		4.658	46	111310	54.007	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 108.020%		
24) Chloroform-d		5.063	84	75302	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4		5.706	65	37571	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 97.400%		
32) Benzene-d6		5.722	84	150443	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.400%		
36) 1,2-Dichloropropane-d6		6.694	67	50514	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 98.800%		
41) Toluene-d8		7.896	98	139878	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...		8.182	79	18465	5.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5		8.639	63	68676	51.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 102.380%		
56) 1,1,2,2-Tetrachloroeth...		10.758	84	43045	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 100.200%		
66) 1,2-Dichlorobenzene-d4		12.192	152	46247	5.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.400%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.385	85	44548	5.352	ug/L	100
3) Chloromethane		1.520	50	48208	4.888	ug/L	96
5) Vinyl chloride		1.600	62	49234	5.312	ug/L	99
6) Bromomethane		1.854	94	27447	5.350	ug/L	98
8) Chloroethane		1.932	64	27428	5.219	ug/L	98
9) Trichlorofluoromethane		2.134	101	58457	5.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.575	101	33348	5.189	ug/L	99
12) 1,1-Dichloroethene		2.575	96	31226	5.247	ug/L	89
13) Acetone		2.649	43	53156	36.693	ug/L	98
14) Carbon disulfide		2.784	76	87548	4.843	ug/L	98
15) Methyl Acetate		2.961	43	14109	4.694	ug/L	97
16) Methylene chloride		3.041	84	40864	4.466	ug/L	97
17) Methyl tert-butyl Ether		3.375	73	94249	5.665	ug/L	99
18) trans-1,2-Dichloroethene		3.346	96	33751	5.160	ug/L	100
19) 1,1-Dichloroethane		3.861	63	70047	5.220	ug/L	98
21) 2-Butanone		4.739	43	114364	54.812	ug/L	99
22) cis-1,2-Dichloroethene		4.661	96	39702	5.078	ug/L	99
23) Bromochloromethane		4.970	128	18423	5.145	ug/L	96
25) Chloroform		5.089	83	71652	4.765	ug/L	98

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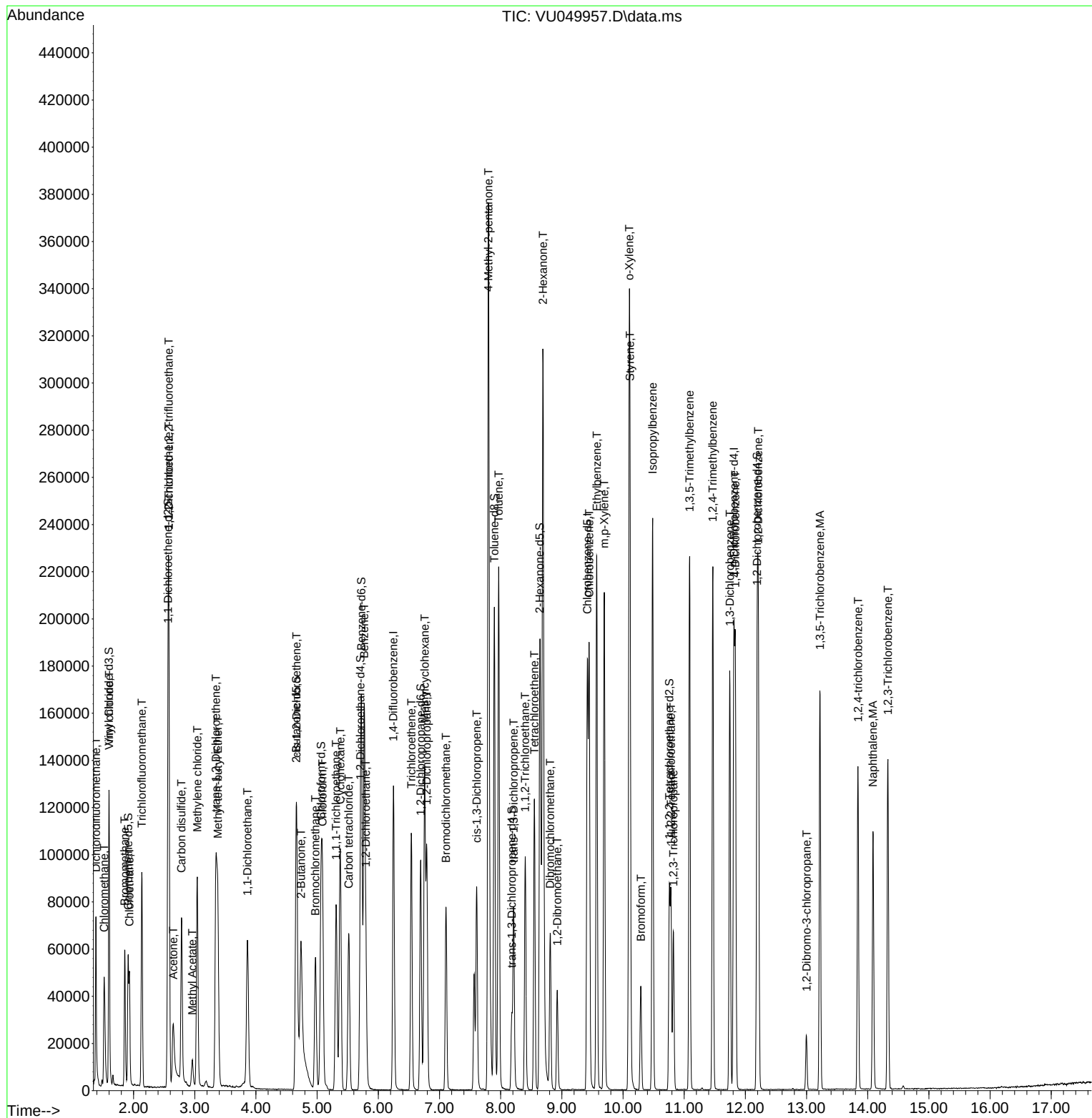
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42359	5.047	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	57688	5.143	ug/L	99
30) Cyclohexane	5.378	56	49837	5.264	ug/L	99
31) Carbon tetrachloride	5.517	117	46639	5.119	ug/L	100
33) Benzene	5.771	78	157387	5.105	ug/L	100
34) Trichloroethene	6.539	95	38745	5.170	ug/L	95
35) Methylcyclohexane	6.758	83	51962	5.257	ug/L	99
37) 1,2-Dichloropropane	6.793	63	42613	5.015	ug/L	99
38) Bromodichloromethane	7.105	83	52615	5.118	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	55364	5.036	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	262843	53.543	ug/L	99
42) Toluene	7.967	91	164013	5.232	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	46486	5.035	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32451	5.112	ug/L	97
47) Tetrachloroethene	8.552	164	27273	5.057	ug/L	94
48) 2-Hexanone	8.690	43	210498	56.251	ug/L	98
49) Dibromochloromethane	8.809	129	35639	5.130	ug/L	100
50) 1,2-Dibromoethane	8.925	107	29006	5.146	ug/L	95
51) Chlorobenzene	9.446	112	101782	5.115	ug/L	99
52) Ethylbenzene	9.571	91	161717	5.266	ug/L	99
53) m,p-Xylene	9.693	106	60985	5.215	ug/L	99
54) o-Xylene	10.102	106	61437	5.419	ug/L	100
55) Styrene	10.115	104	105229	5.450	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43411	5.253	ug/L	94
59) Bromoform	10.291	173	20487	5.187	ug/L	99
60) Isopropylbenzene	10.484	105	156255	5.383	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29143	5.107	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	125125	5.306	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	123134	5.388	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	74157	5.336	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	71674	5.212	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	72988	5.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6560	5.820	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	53879	5.377	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42656	5.336	ug/L	98
71) Naphthalene	14.086	128	89285	5.633	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	44577	5.619	ug/L	99

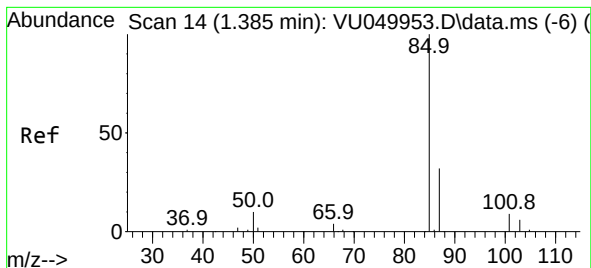
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#2

Dichlorodifluoromethane

Concen: 5.352 ug/L

RT: 1.385 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

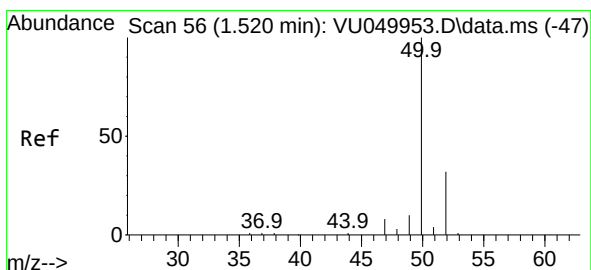
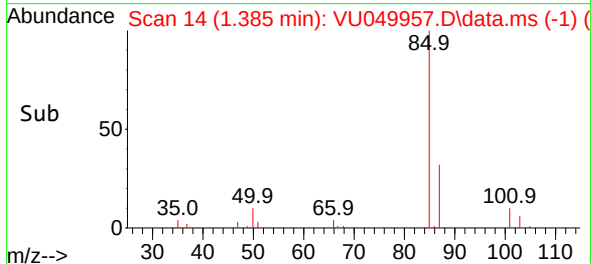
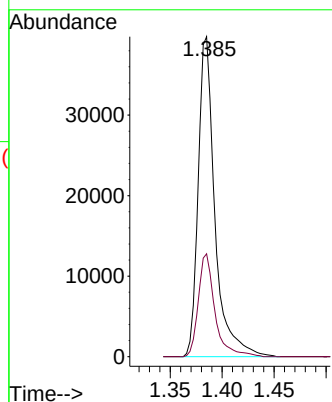
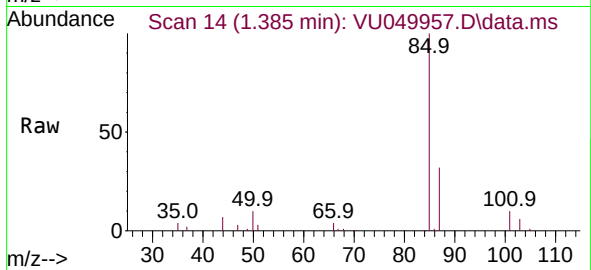
VSTD005135

Tgt Ion: 85 Resp: 44548

Ion Ratio Lower Upper

85 100

87 32.0 25.7 38.5



#3

Chloromethane

Concen: 4.888 ug/L

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

Lab File: VU049957.D

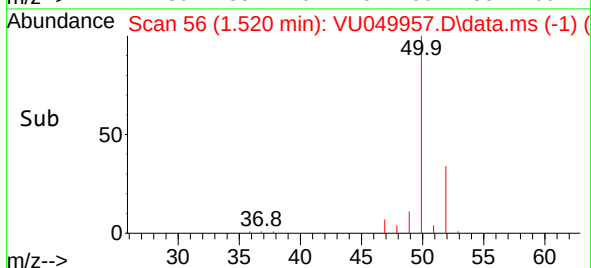
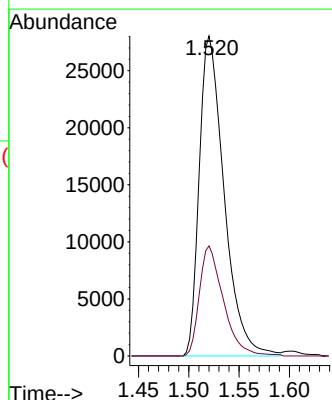
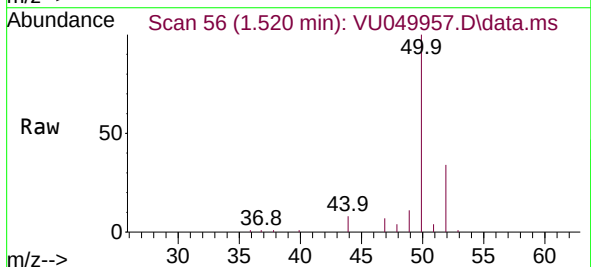
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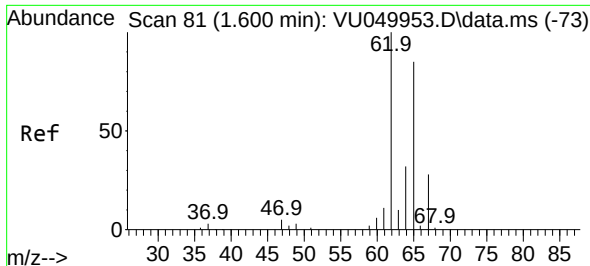
Tgt Ion: 50 Resp: 48208

Ion Ratio Lower Upper

50 100

52 34.4 22.4 41.6

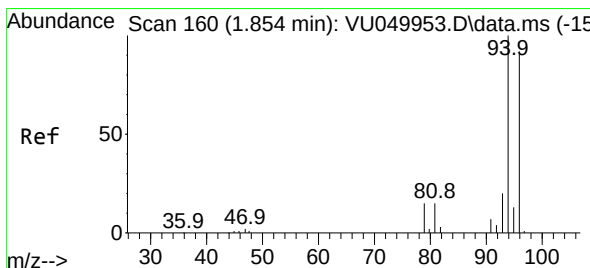
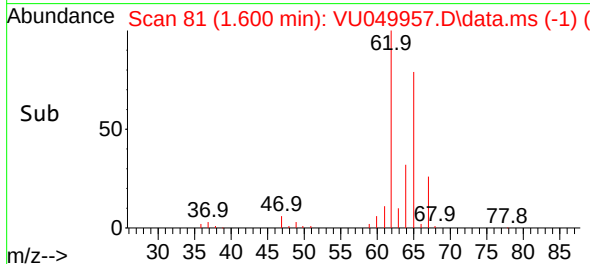
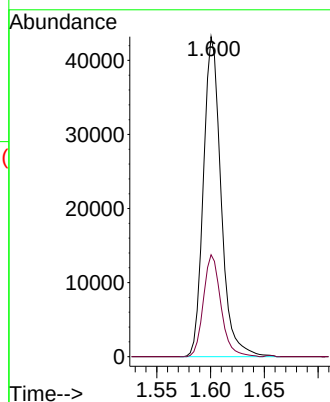
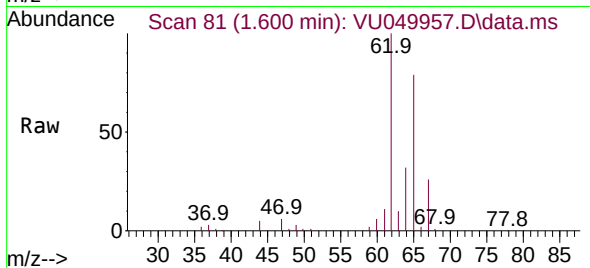




#5
 Vinyl chloride
 Concen: 5.312 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

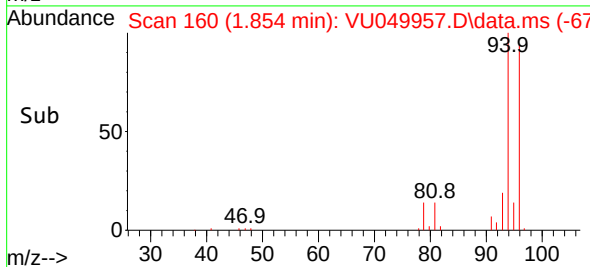
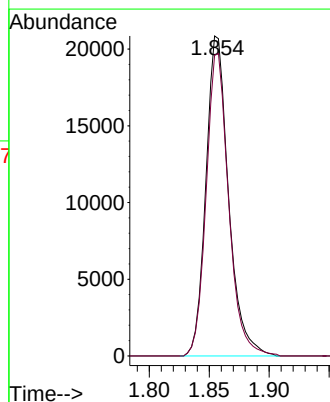
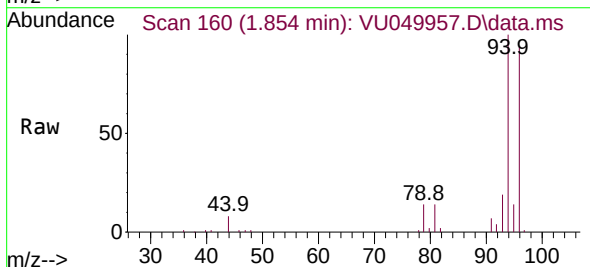
Instrument :
 MSVOA_U
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 VSTD005135

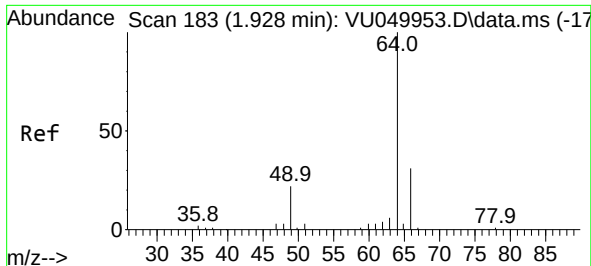
Tgt Ion: 62 Resp: 49234
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.5 41.9



#6
 Bromomethane
 Concen: 5.350 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

Tgt Ion: 94 Resp: 27447
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.5 119.9

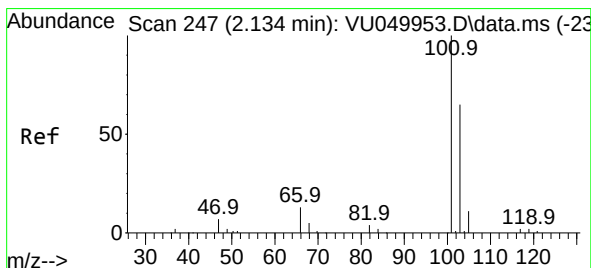
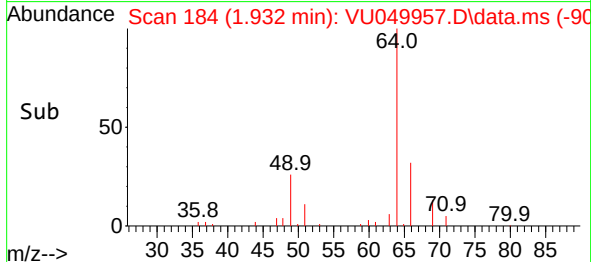
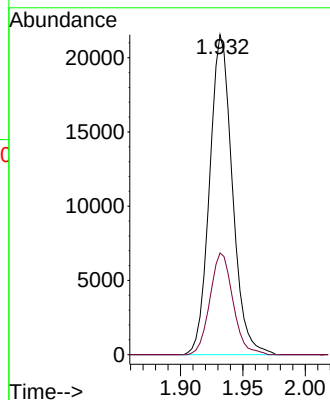
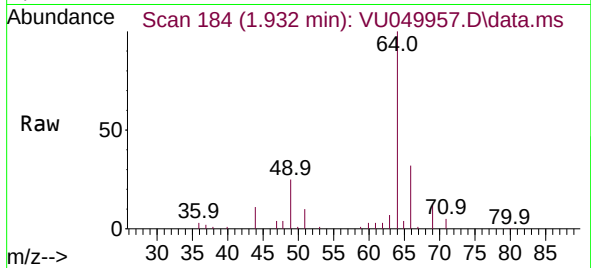




#8
Chloroethane
Concen: 5.219 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

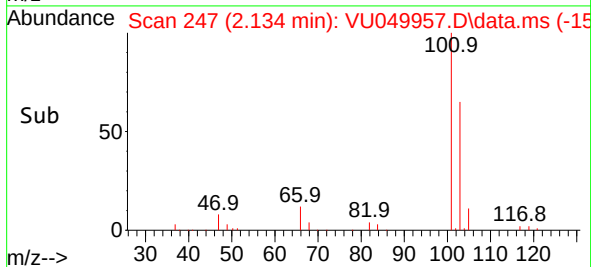
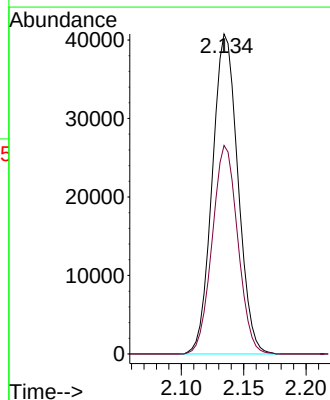
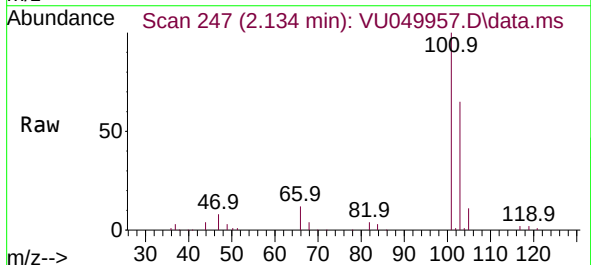
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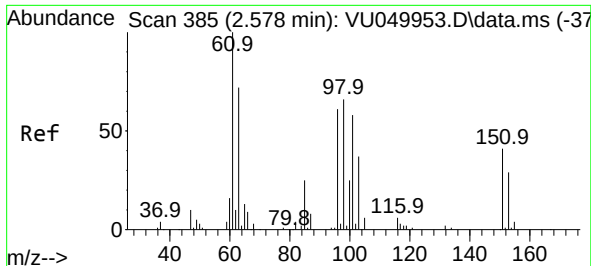
Tgt Ion: 64 Resp: 27428
Ion Ratio Lower Upper
64 100
66 31.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.355 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:101 Resp: 58457
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

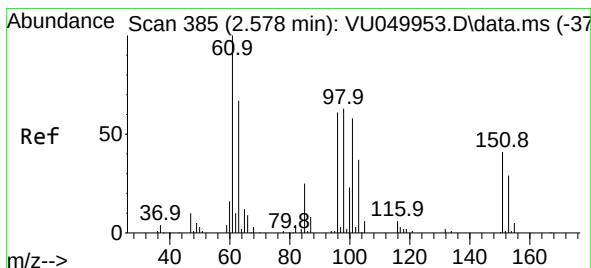
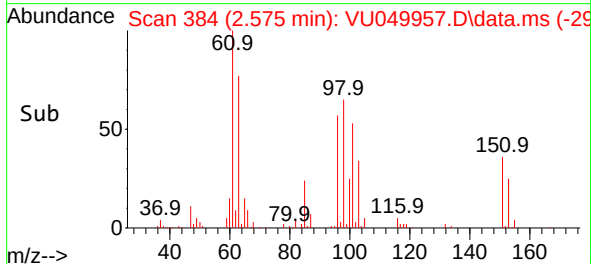
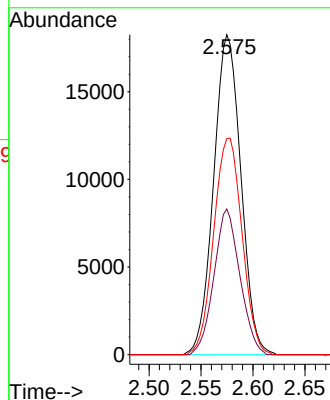
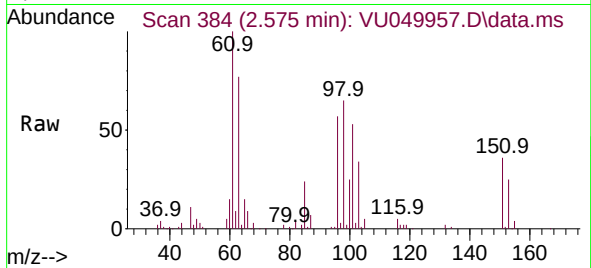




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.189 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

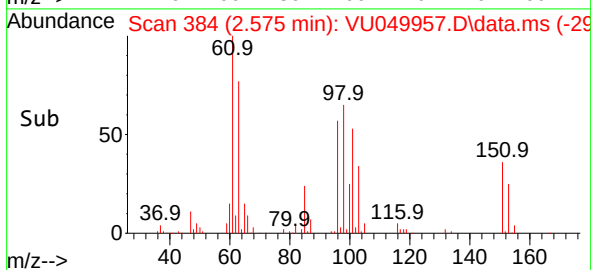
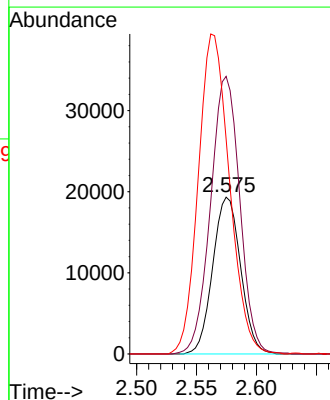
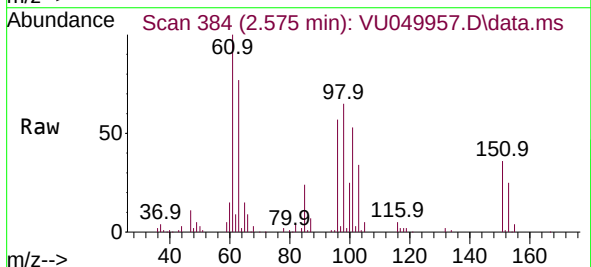
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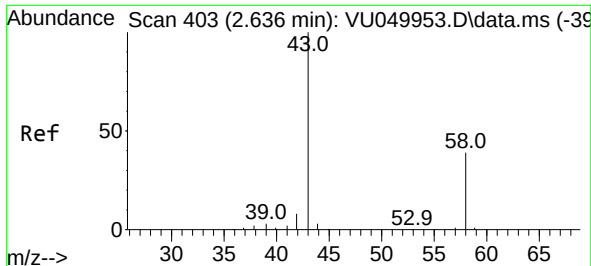
Tgt Ion: 101 Resp: 33348
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.1 51.1
 151 70.3 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.247 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

Tgt Ion: 96 Resp: 31226
 Ion Ratio Lower Upper
 96 100
 61 177.0 115.7 214.9
 63 137.0 84.8 157.4





#13

Acetone

Concen: 36.693 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.013 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

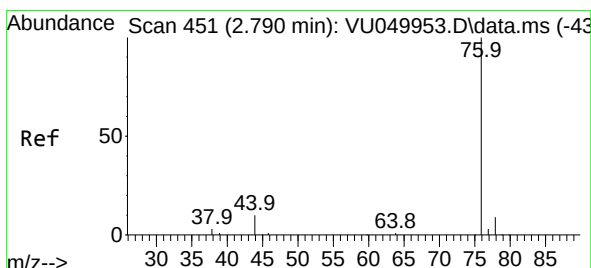
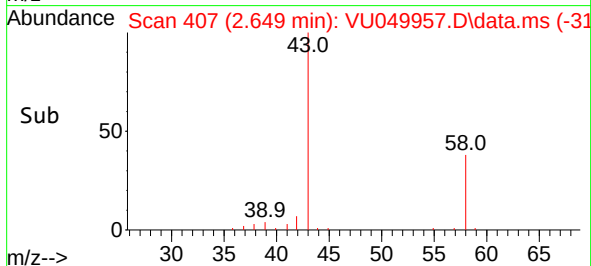
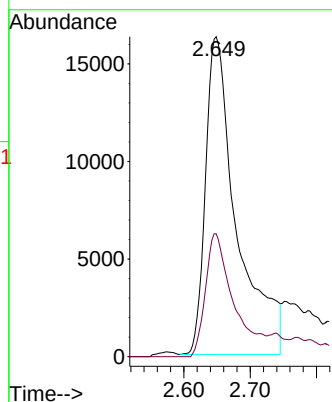
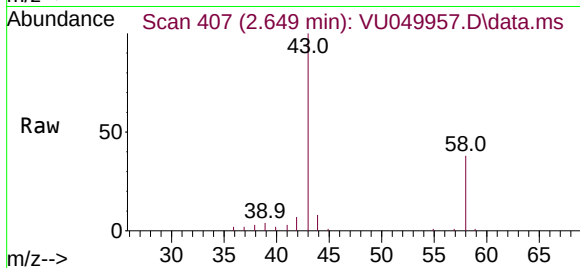
VSTD005135

Tgt Ion: 43 Resp: 53156

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.0



#14

Carbon disulfide

Concen: 4.843 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.006 min

Lab File: VU049957.D

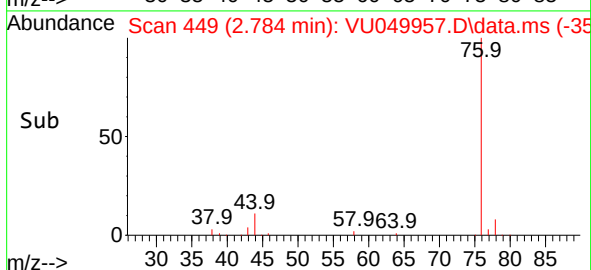
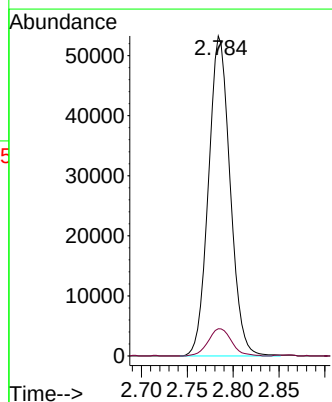
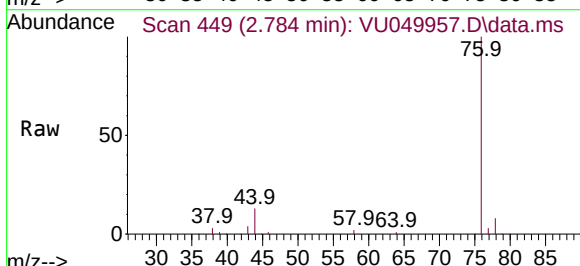
Acq: 27 Jul 2022 18:53

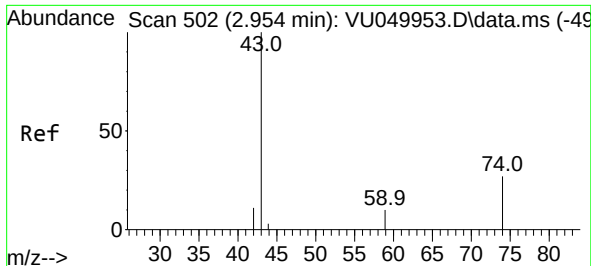
Tgt Ion: 76 Resp: 87548

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

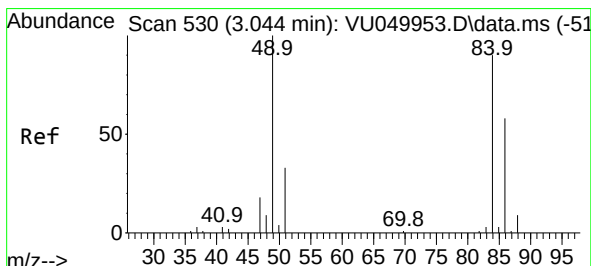
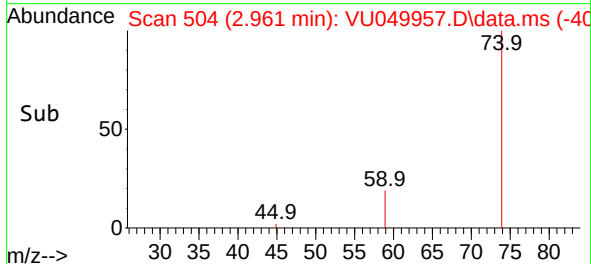
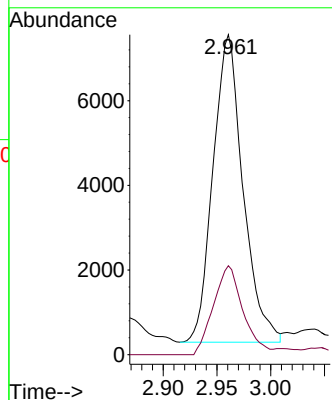
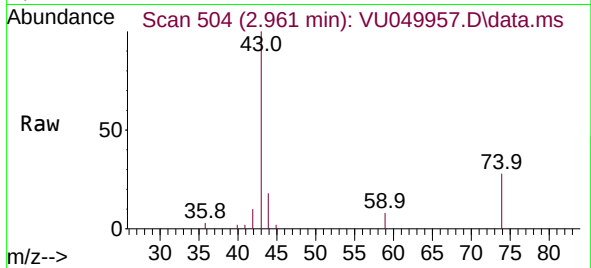




#15
Methyl Acetate
Concen: 4.694 ug/L
RT: 2.961 min Scan# 502
Delta R.T. 0.007 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

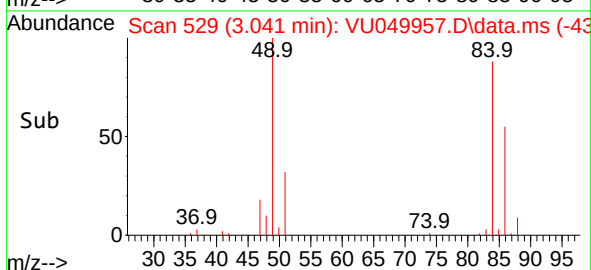
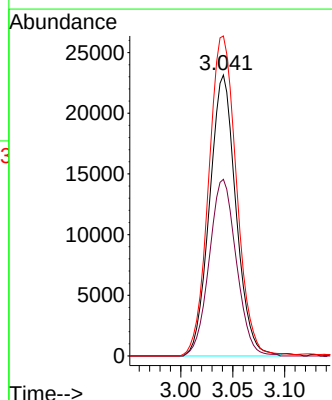
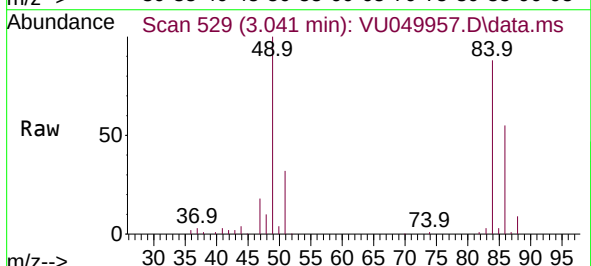
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

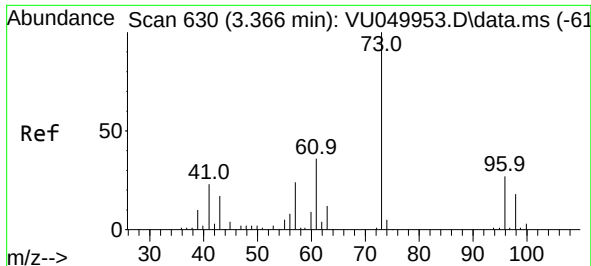
Tgt Ion: 43 Resp: 14109
Ion Ratio Lower Upper
43 100
74 28.4 21.6 32.4



#16
Methylene chloride
Concen: 4.466 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 84 Resp: 40864
Ion Ratio Lower Upper
84 100
86 62.8 45.2 84.0
49 113.9 77.6 144.0

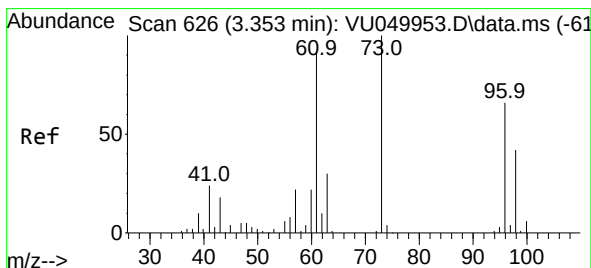
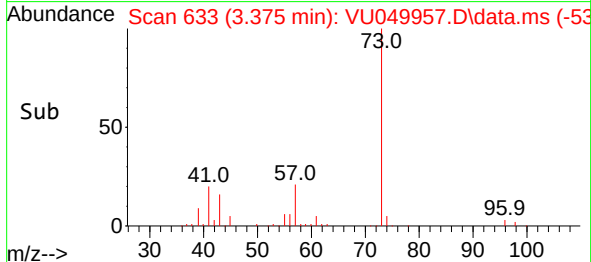
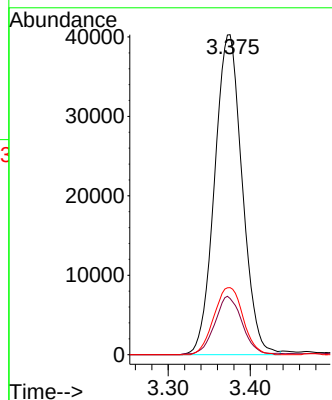
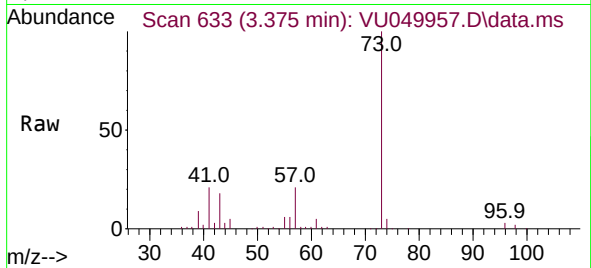




#17
Methyl tert-butyl Ether
Concen: 5.665 ug/L
RT: 3.375 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

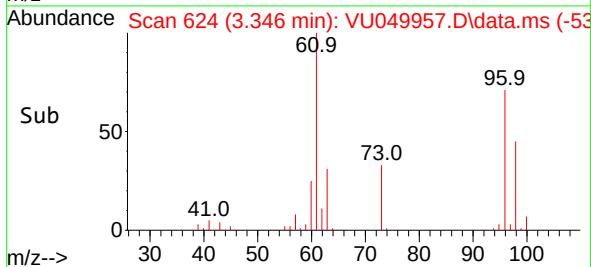
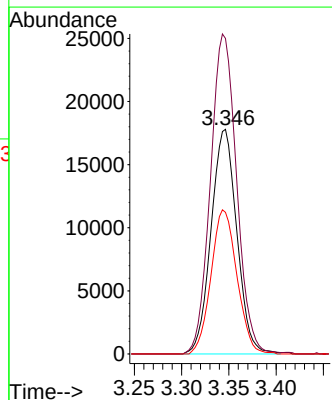
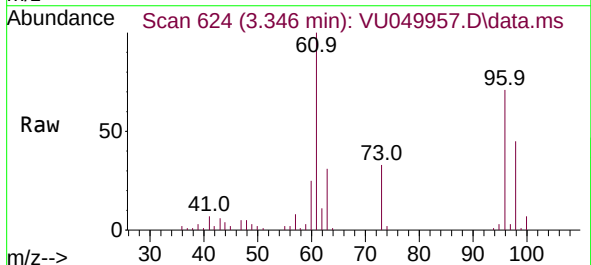
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

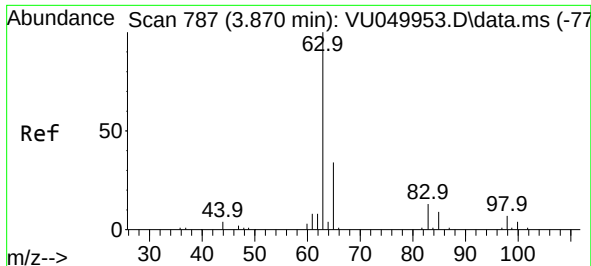
Tgt Ion: 73 Resp: 94249
Ion Ratio Lower Upper
73 100
43 18.1 13.8 20.6
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.160 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 96 Resp: 33751
Ion Ratio Lower Upper
96 100
61 140.5 98.0 182.0
98 63.0 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.220 ug/L

RT: 3.861 min Scan# 7

Delta R.T. -0.010 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005135

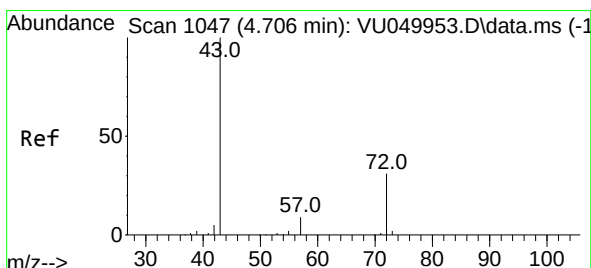
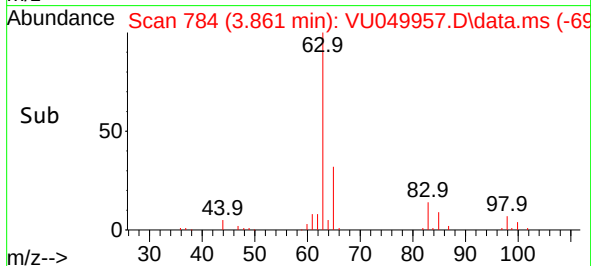
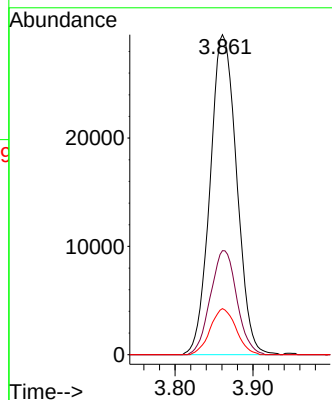
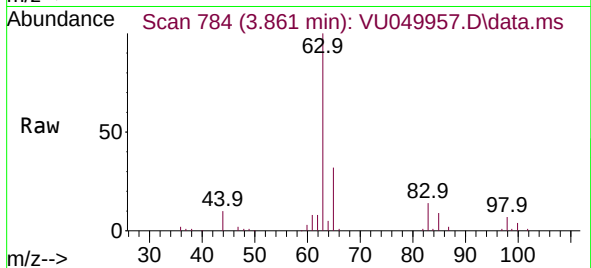
Tgt Ion: 63 Resp: 70047

Ion Ratio Lower Upper

63 100

65 32.5 23.4 43.6

83 14.4 9.4 17.4



#21

2-Butanone

Concen: 54.812 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.032 min

Lab File: VU049957.D

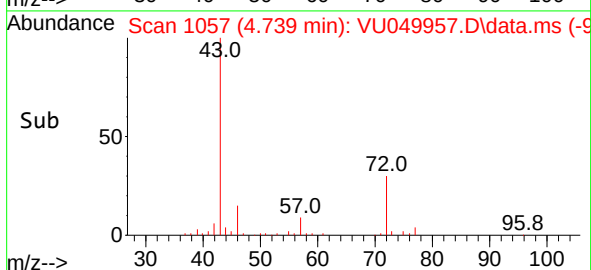
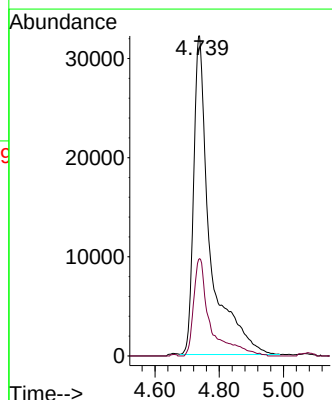
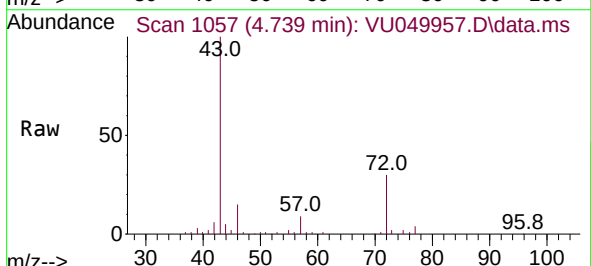
Acq: 27 Jul 2022 18:53

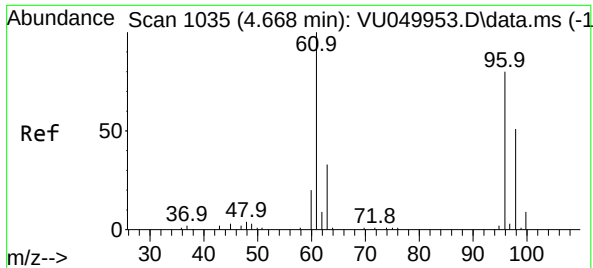
Tgt Ion: 43 Resp: 114364

Ion Ratio Lower Upper

43 100

72 30.7 15.8 47.3

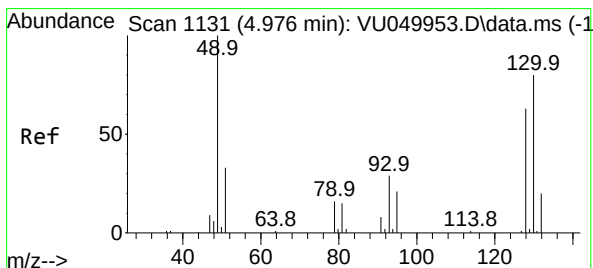
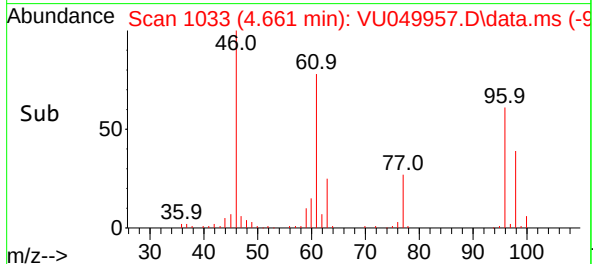
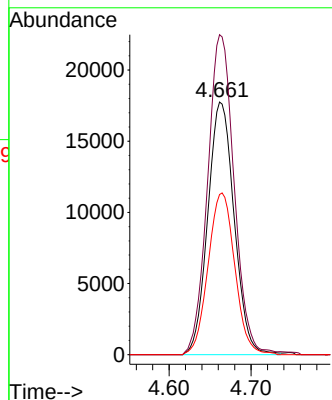
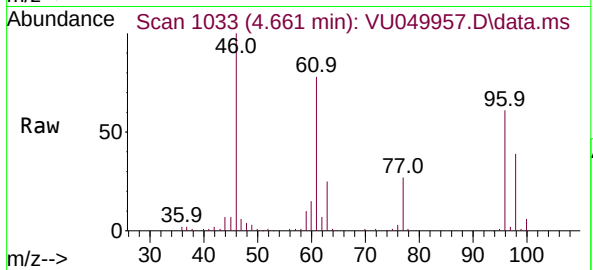




#22
 cis-1,2-Dichloroethene
 Concen: 5.078 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.006 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

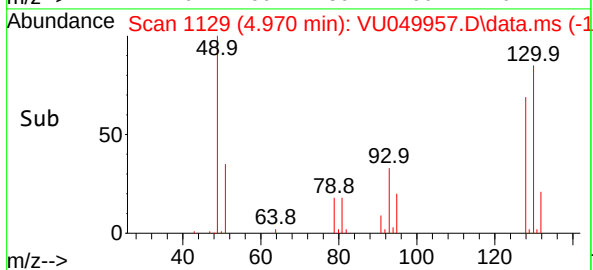
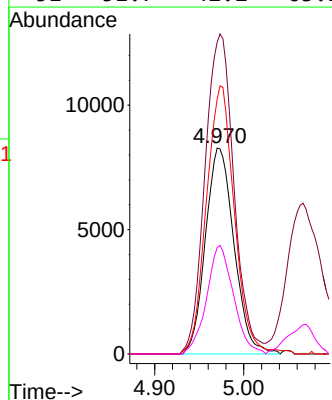
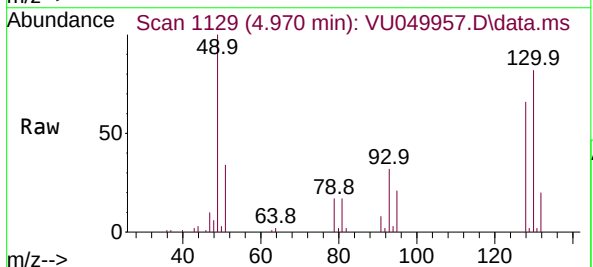
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

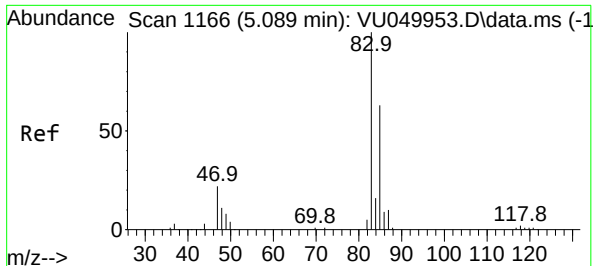
Tgt Ion: 96 Resp: 39702
 Ion Ratio Lower Upper
 96 100
 61 126.6 87.2 161.9
 98 63.4 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.145 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

Tgt Ion: 128 Resp: 18423
 Ion Ratio Lower Upper
 128 100
 49 151.4 111.4 207.0
 130 123.6 88.7 164.7
 51 51.7 42.2 63.2





#25

Chloroform

Concen: 4.765 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

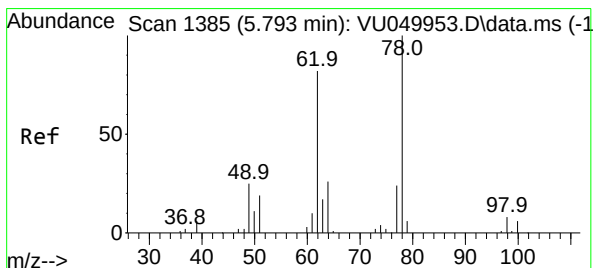
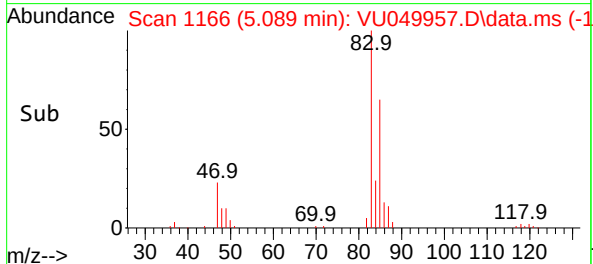
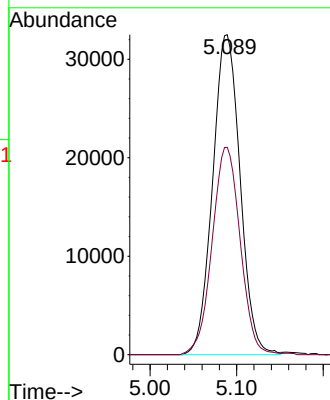
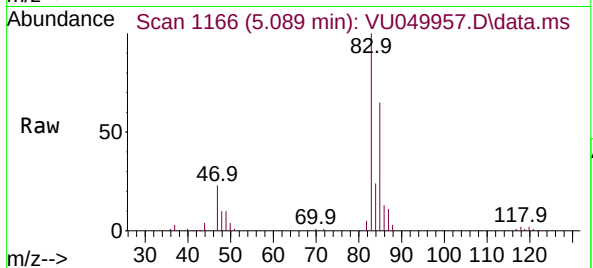
VSTD005135

Tgt Ion: 83 Resp: 71652

Ion Ratio Lower Upper

83 100

85 64.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 5.047 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU049957.D

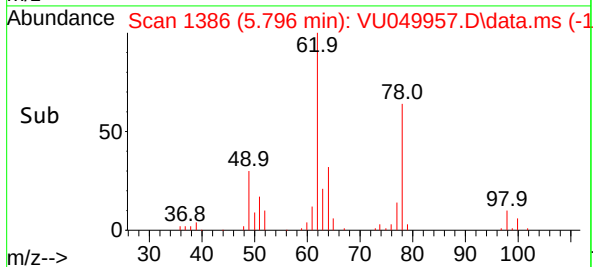
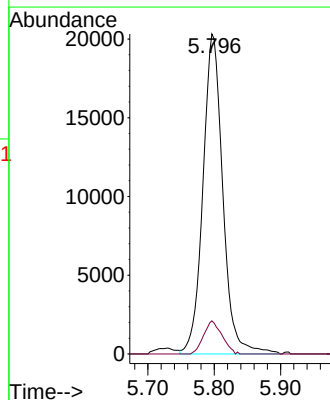
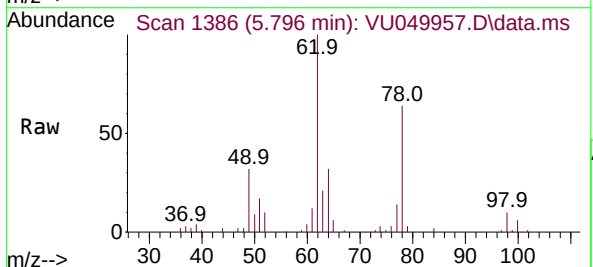
Acq: 27 Jul 2022 18:53

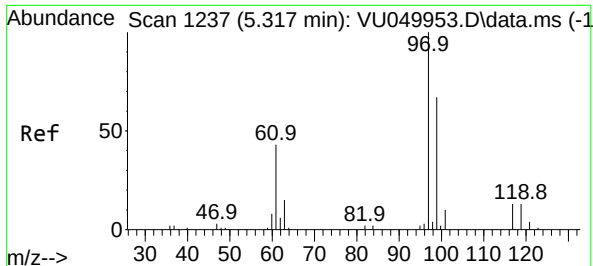
Tgt Ion: 62 Resp: 42359

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.143 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005135

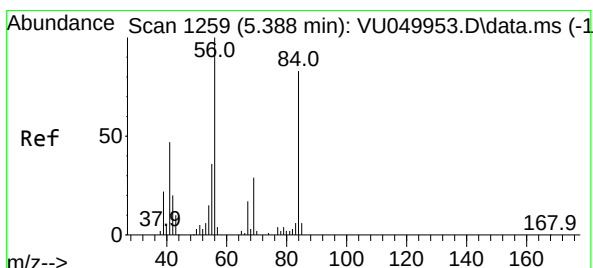
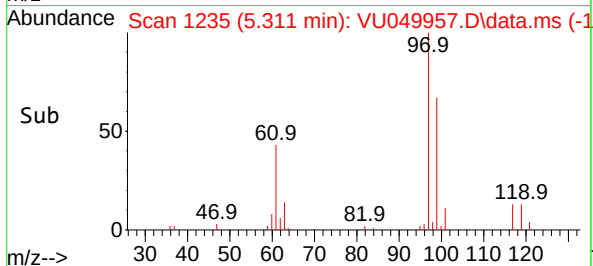
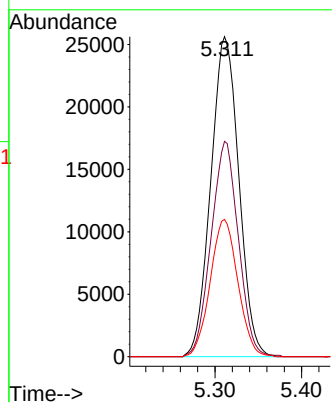
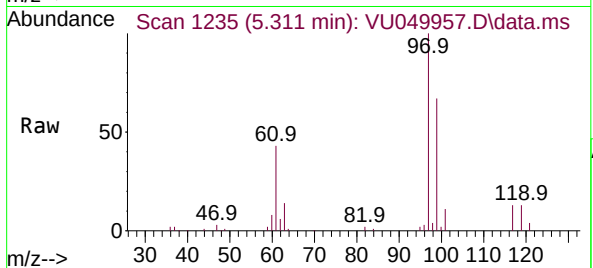
Tgt Ion: 97 Resp: 57688

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 42.3 35.0 52.6



#30

Cyclohexane

Concen: 5.264 ug/L

RT: 5.378 min Scan# 1256

Delta R.T. -0.010 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

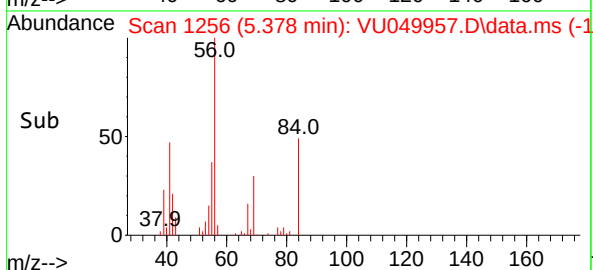
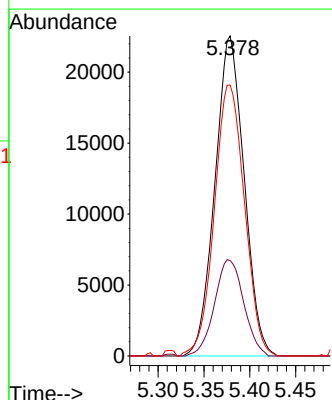
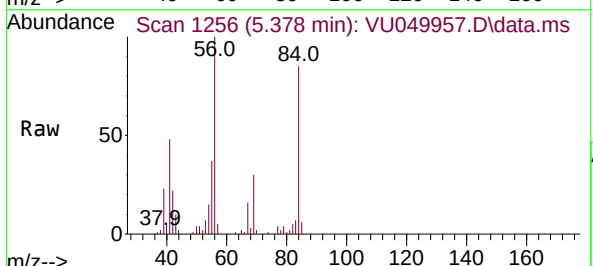
Tgt Ion: 56 Resp: 49837

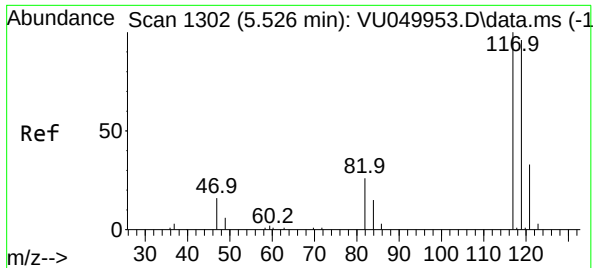
Ion Ratio Lower Upper

56 100

69 30.2 25.1 37.7

84 87.5 70.1 105.1

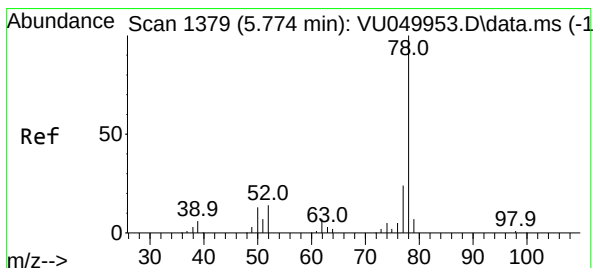
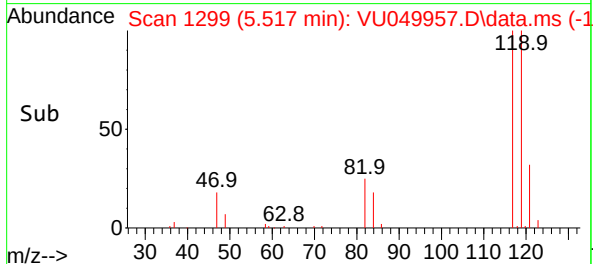
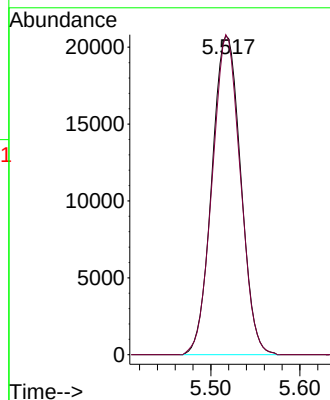
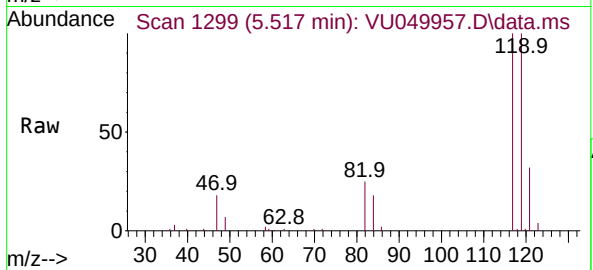




#31
Carbon tetrachloride
Concen: 5.119 ug/L
RT: 5.517 min Scan# 117
Delta R.T. -0.010 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

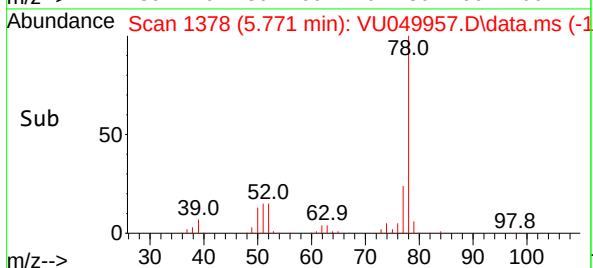
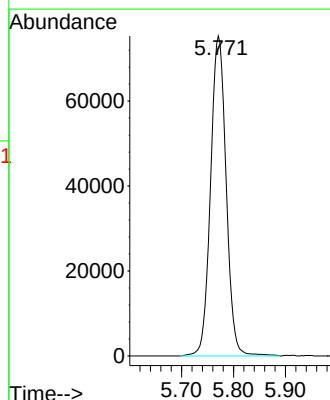
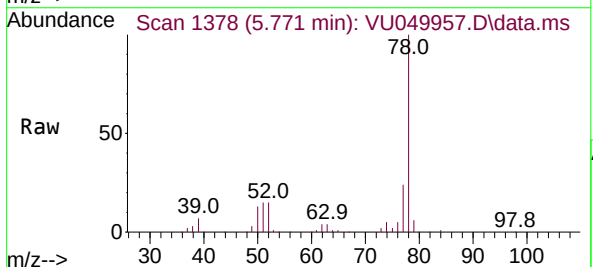
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

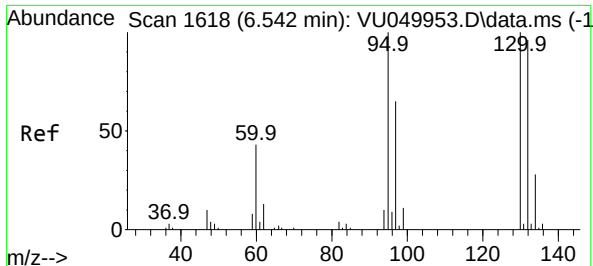
Tgt Ion:117 Resp: 46639
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.6



#33
Benzene
Concen: 5.105 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 78 Resp: 157387



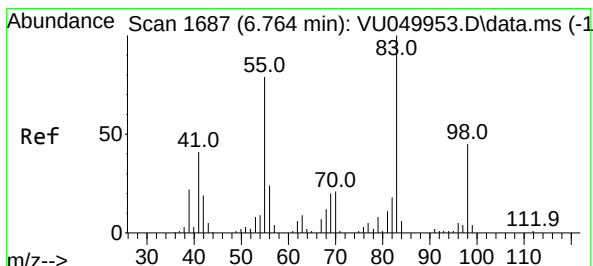
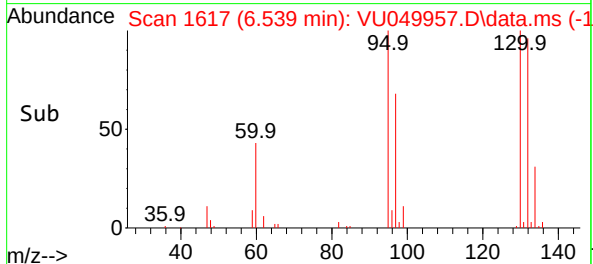
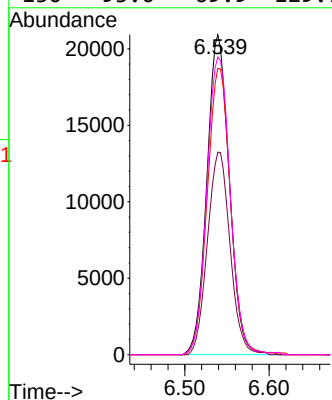
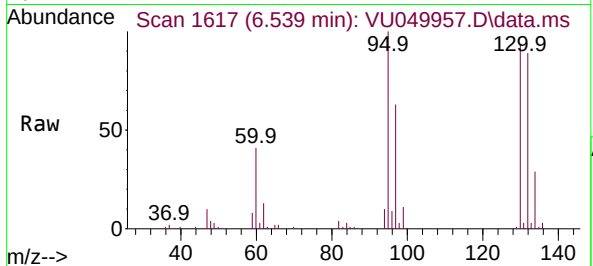


#34
Trichloroethene
Concen: 5.170 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

Tgt Ion: 95 Resp: 38745

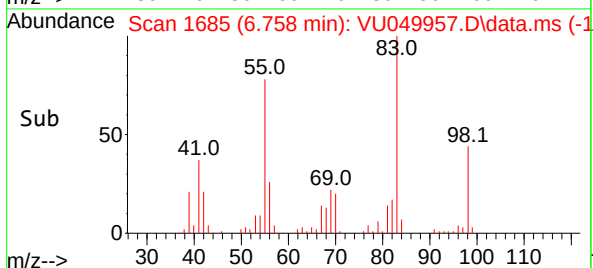
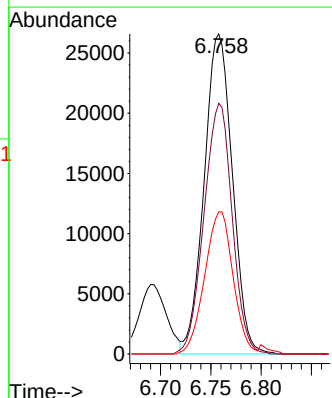
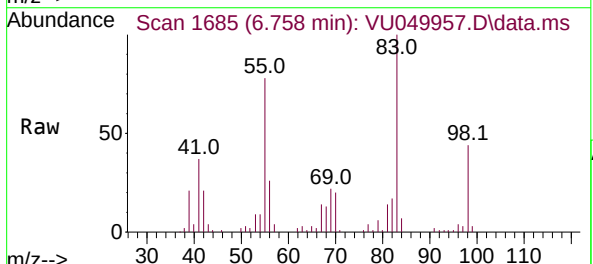
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.6	84.8
132	89.4	66.8	124.2
130	93.0	69.9	129.7

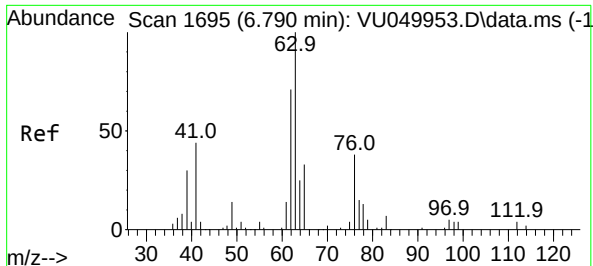


#35
Methylcyclohexane
Concen: 5.257 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 83 Resp: 51962

Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.6	92.4
98	44.5	34.8	52.2





#37

1,2-Dichloropropane

Concen: 5.015 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

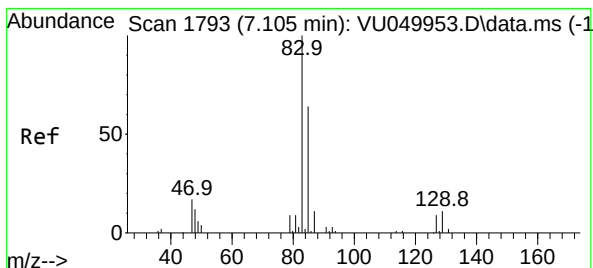
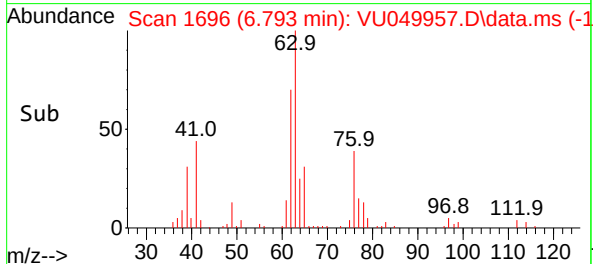
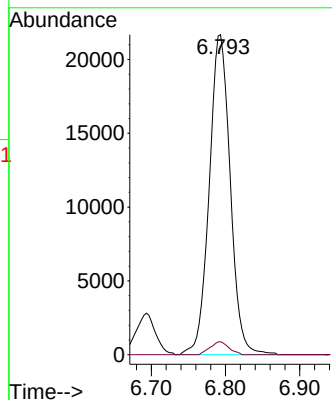
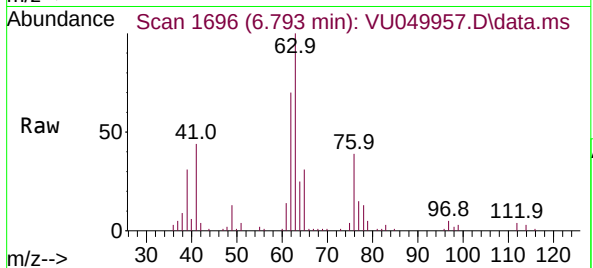
VSTD005135

Tgt Ion: 63 Resp: 42613

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.6



#38

Bromodichloromethane

Concen: 5.118 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

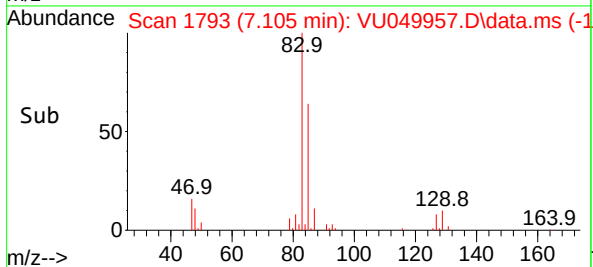
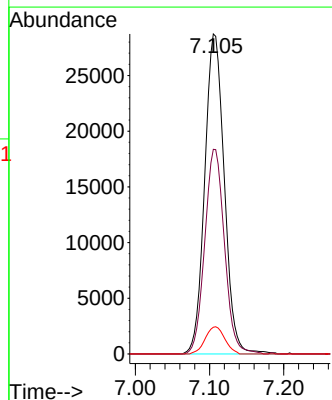
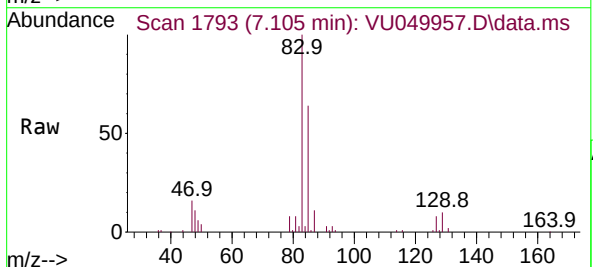
Tgt Ion: 83 Resp: 52615

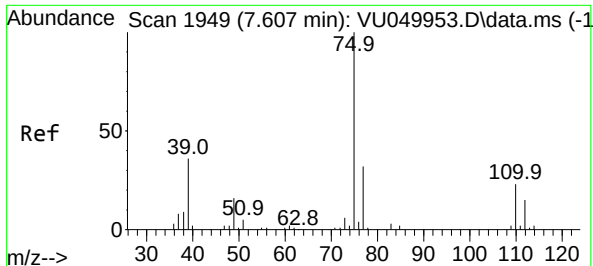
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.036 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

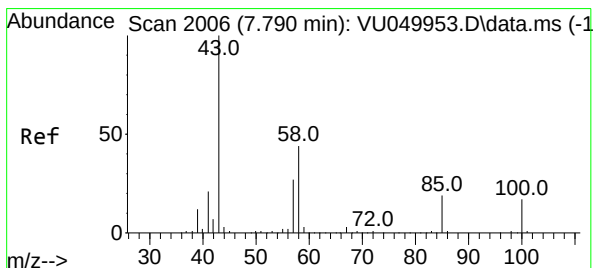
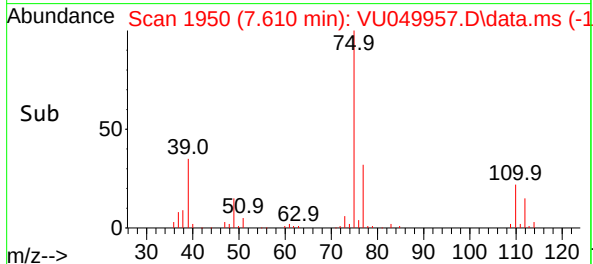
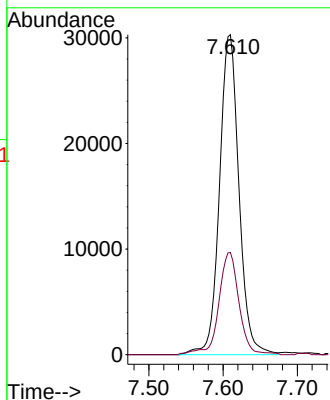
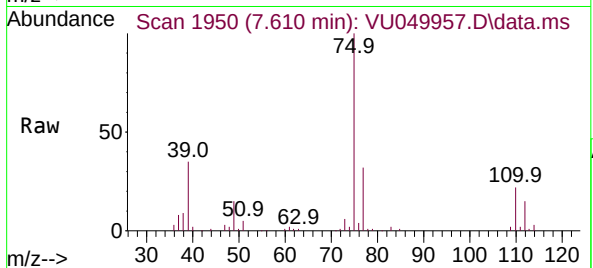
VSTD005135

Tgt Ion: 75 Resp: 55364

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.543 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.010 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

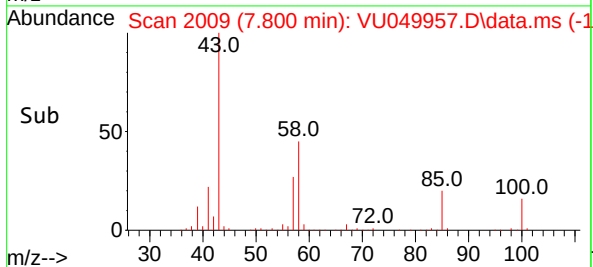
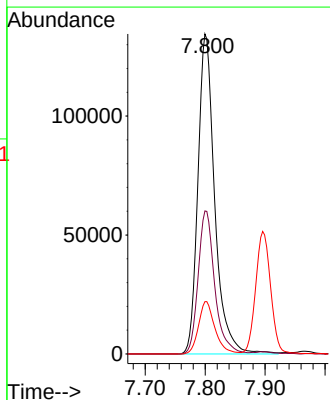
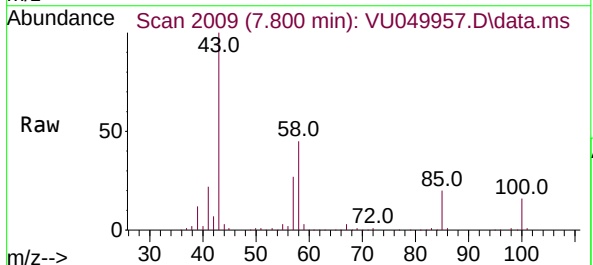
Tgt Ion: 43 Resp: 262843

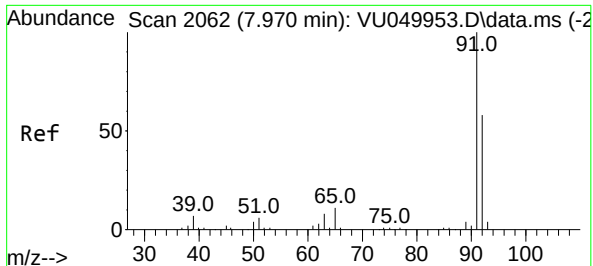
Ion Ratio Lower Upper

43 100

58 44.1 35.5 53.3

100 16.1 13.2 19.8

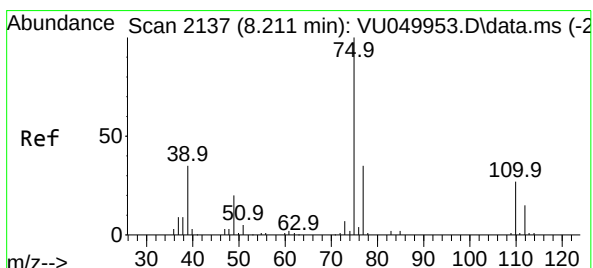
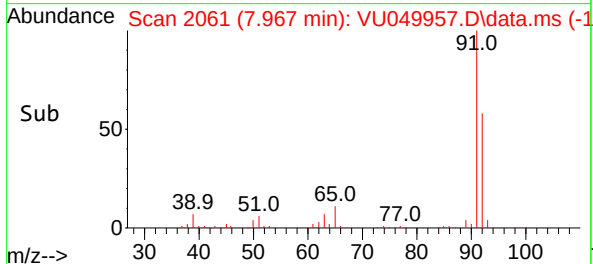
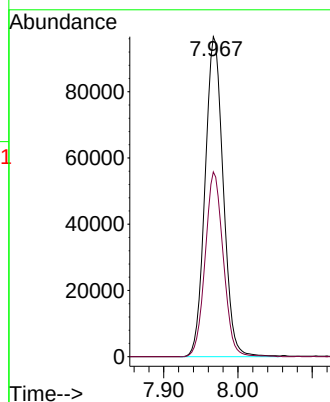
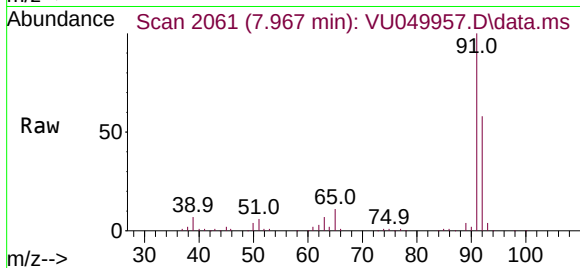




#42
Toluene
Concen: 5.232 ug/L
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

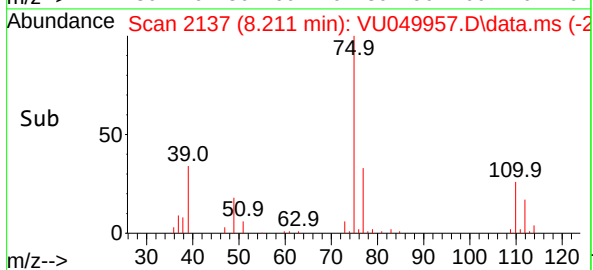
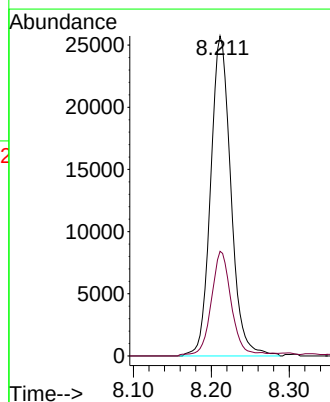
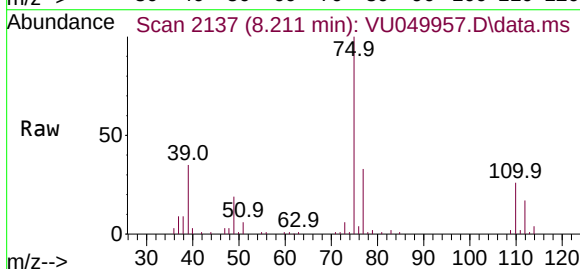
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

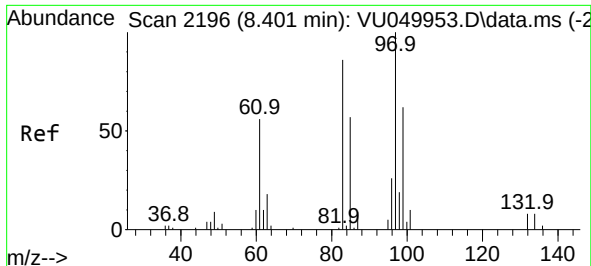
Tgt Ion: 91 Resp: 164013
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.035 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 75 Resp: 46486
Ion Ratio Lower Upper
75 100
77 32.7 24.1 44.8

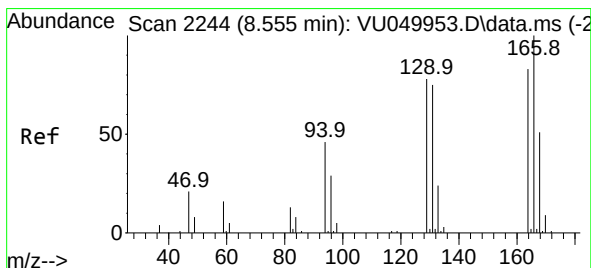
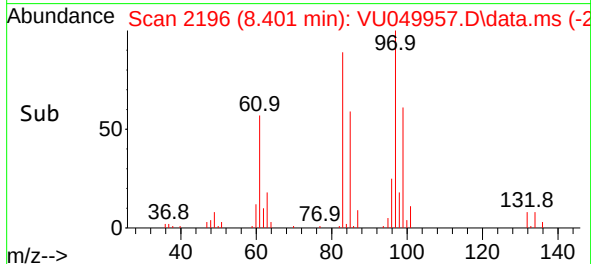
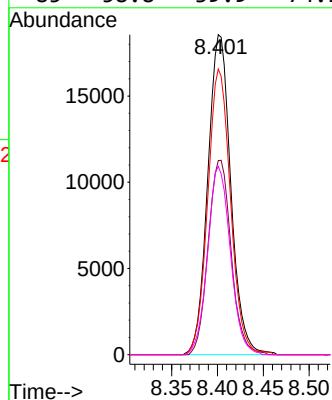
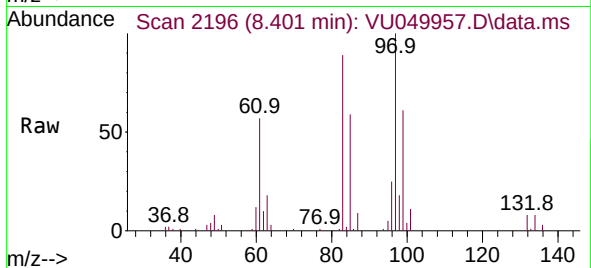




#45
1,1,2-Trichloroethane
Concen: 5.112 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

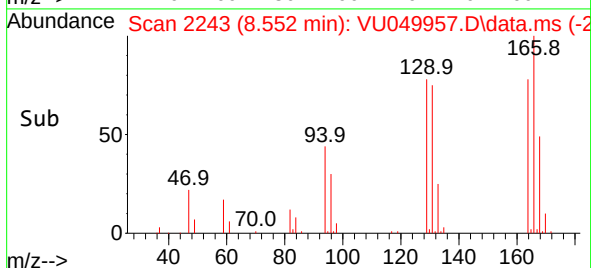
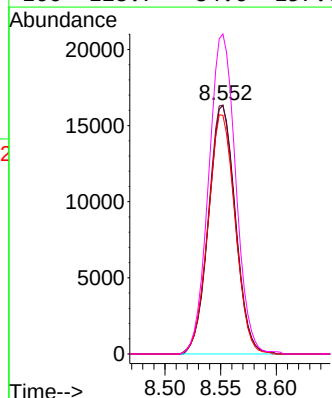
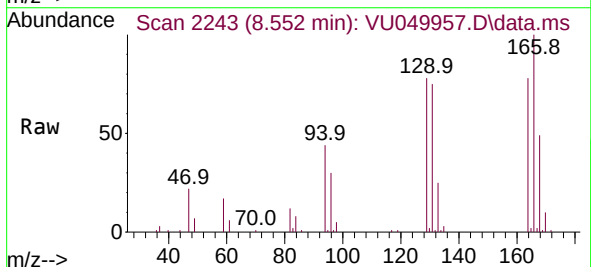
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

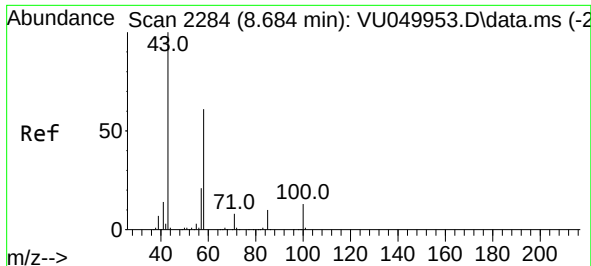
Tgt Ion:	97	Resp:	32451
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.5	80.9
83	89.3	59.9	111.3
85	58.8	39.9	74.1



#47
Tetrachloroethene
Concen: 5.057 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:	164	Resp:	27273
Ion	Ratio	Lower	Upper
164	100		
129	100.0	66.3	123.1
131	95.9	63.1	117.1
166	128.7	84.6	157.0



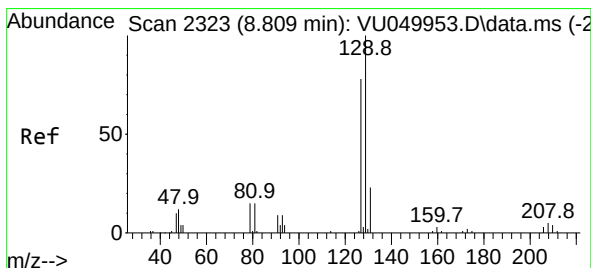
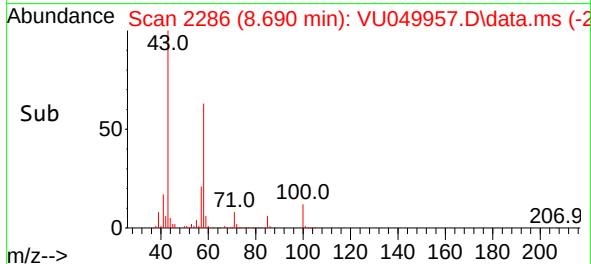
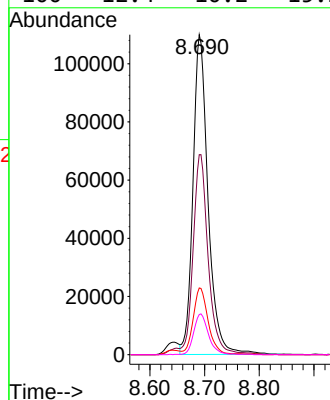
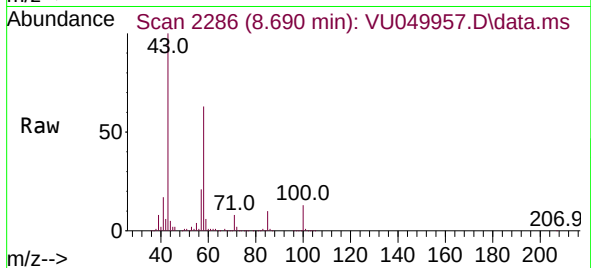


#48
2-Hexanone
Concen: 56.251 ug/L
RT: 8.690 min Scan# 210498
Delta R.T. 0.007 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

Tgt Ion: 43 Resp: 210498

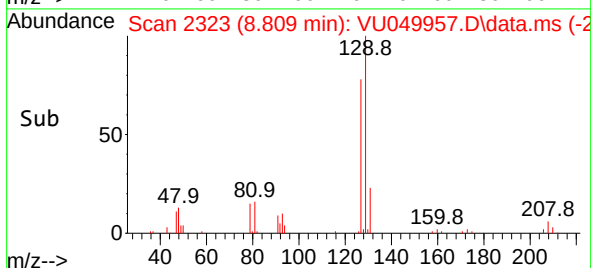
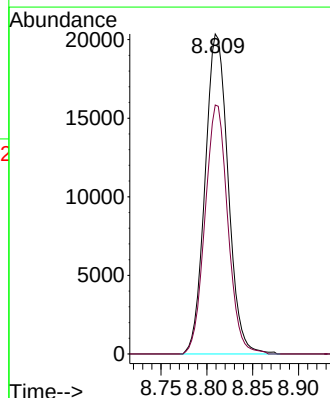
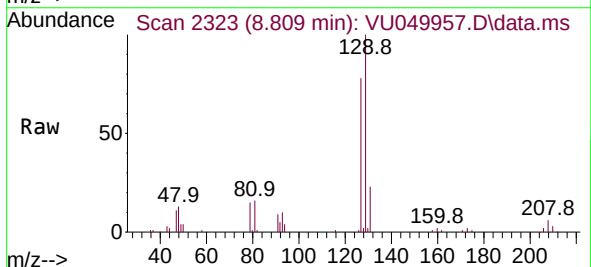
Ion	Ratio	Lower	Upper
43	100		
58	63.9	49.4	74.0
57	21.1	17.0	25.4
100	12.4	10.2	15.2

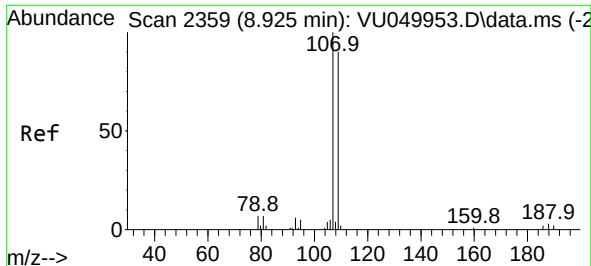


#49
Dibromochloromethane
Concen: 5.130 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 129 Resp: 35639

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1

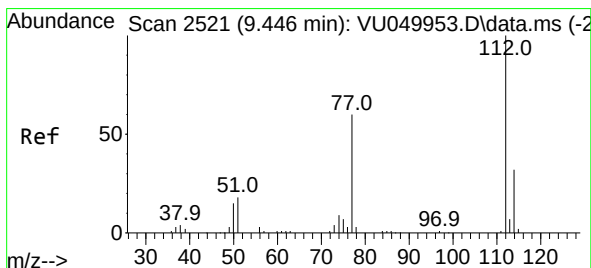
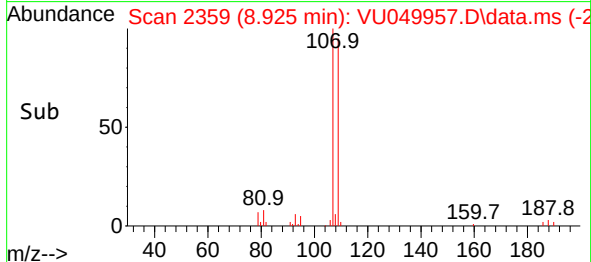
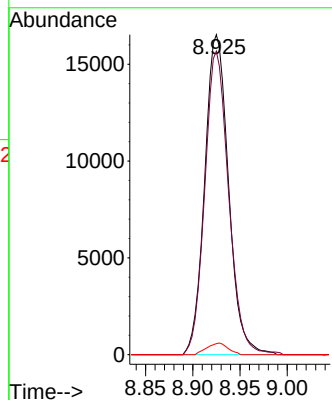
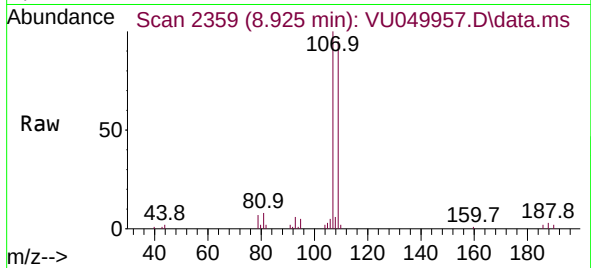




#50
1,2-Dibromoethane
Concen: 5.146 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

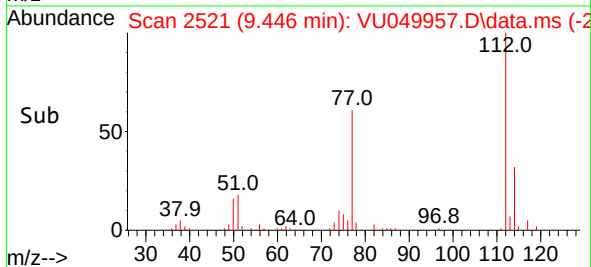
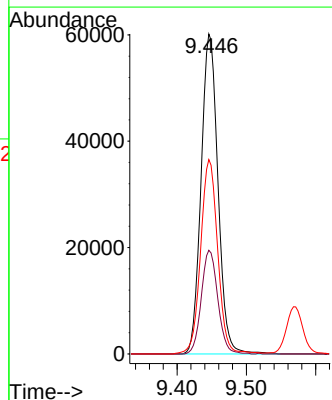
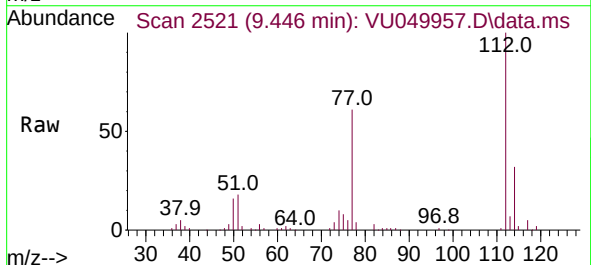
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

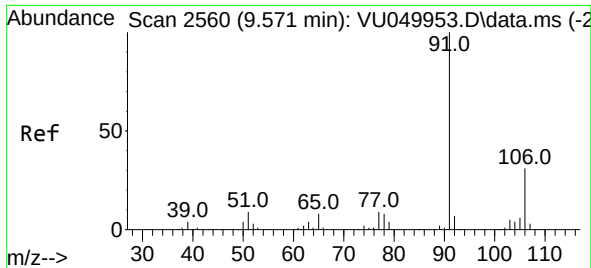
Tgt Ion:107 Resp: 29006
Ion Ratio Lower Upper
107 100
109 94.8 62.7 116.5
188 3.5 2.4 3.6



#51
Chlorobenzene
Concen: 5.115 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:112 Resp: 101782
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 60.7 48.2 72.4

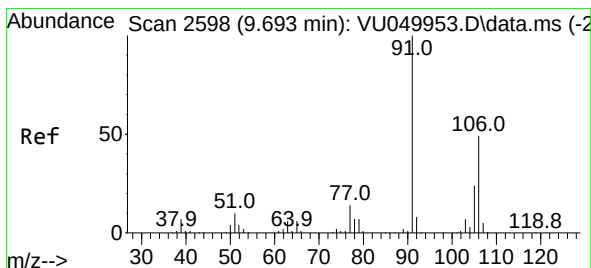
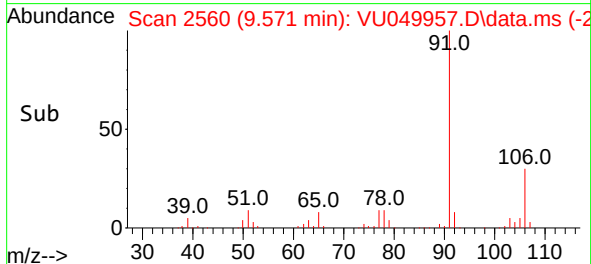
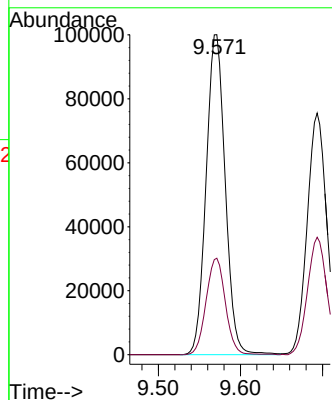
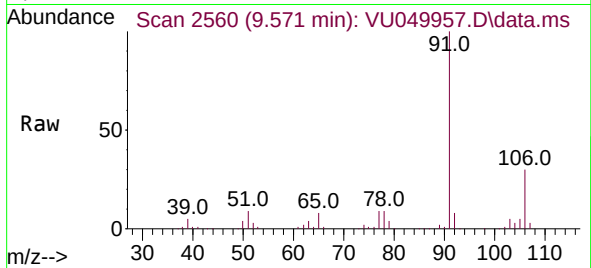




#52
Ethylbenzene
Concen: 5.266 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

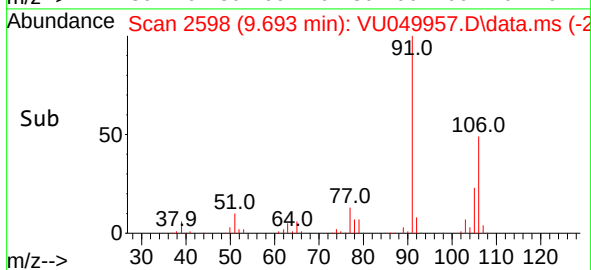
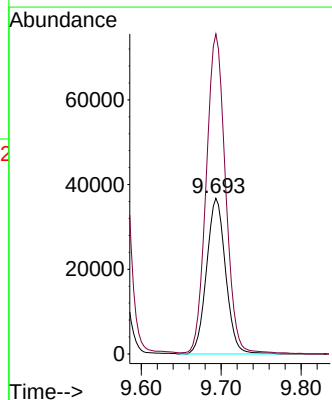
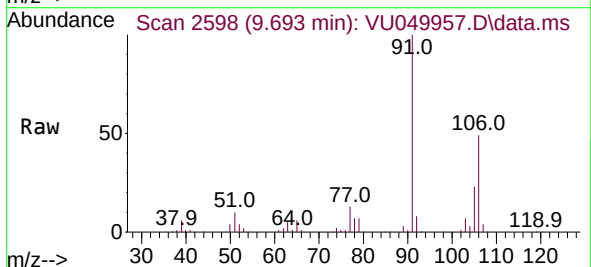
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

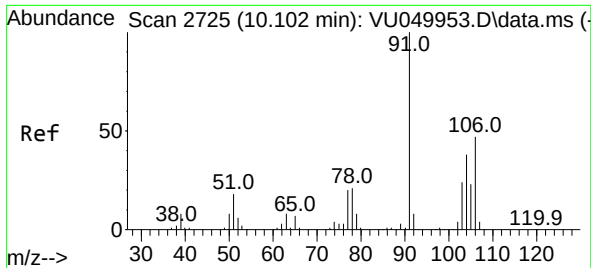
Tgt Ion: 91 Resp: 161717
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.215 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 106 Resp: 60985
Ion Ratio Lower Upper
106 100
91 205.6 142.4 264.4

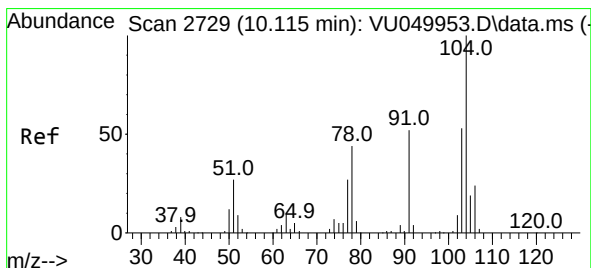
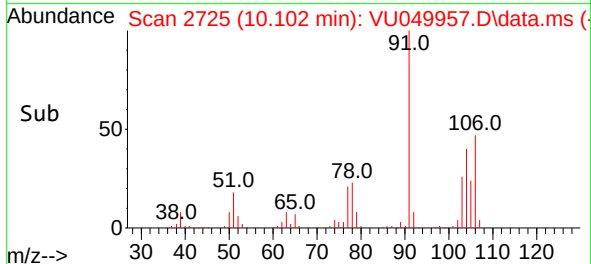
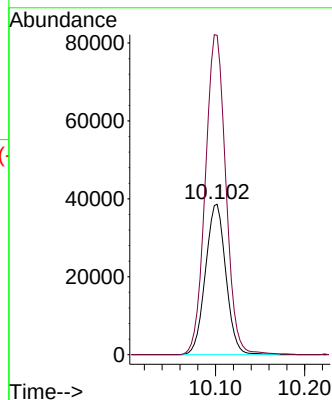
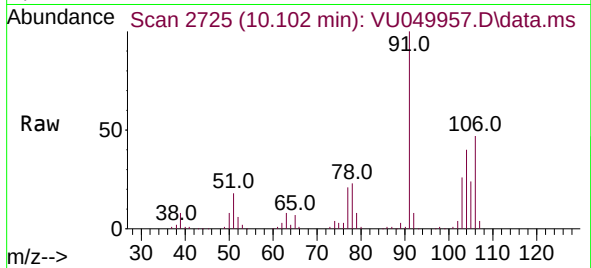




#54
o-Xylene
Concen: 5.419 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

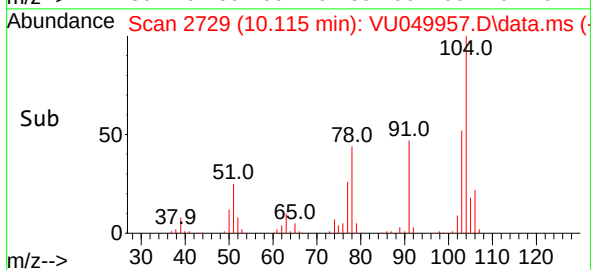
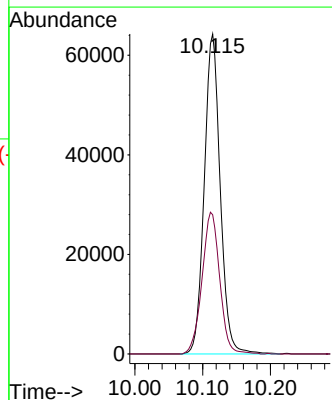
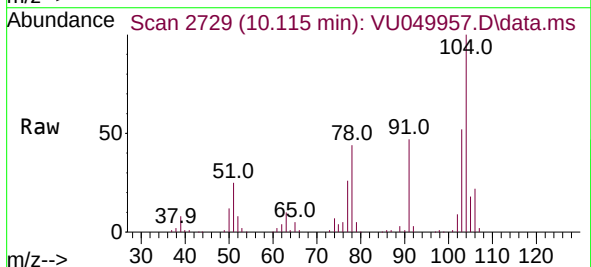
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

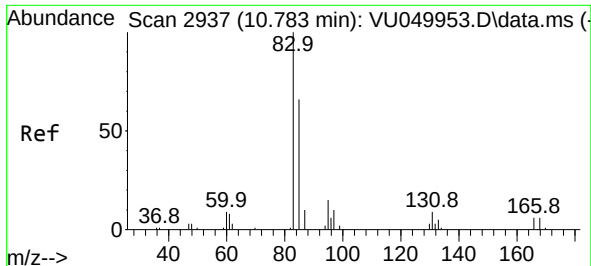
Tgt Ion:106 Resp: 61437
Ion Ratio Lower Upper
106 100
91 212.3 148.7 276.1



#55
Styrene
Concen: 5.450 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:104 Resp: 105229
Ion Ratio Lower Upper
104 100
78 43.5 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.253 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005135

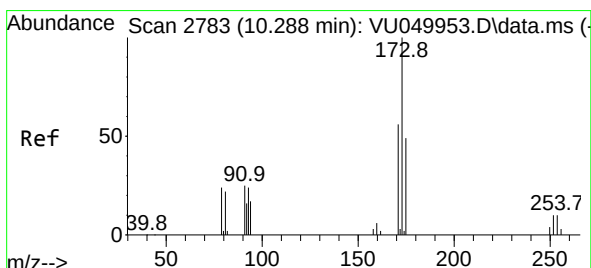
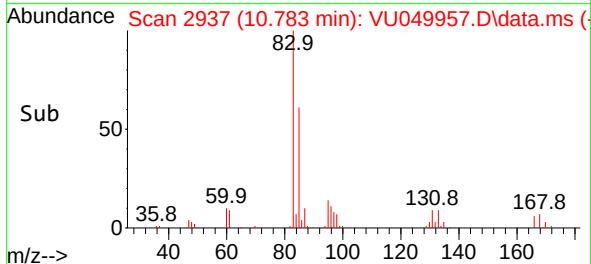
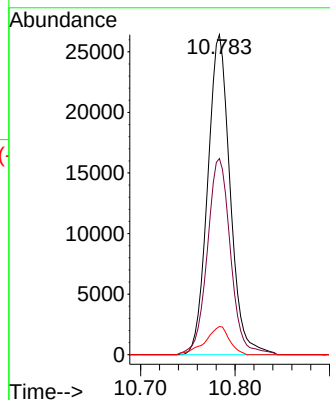
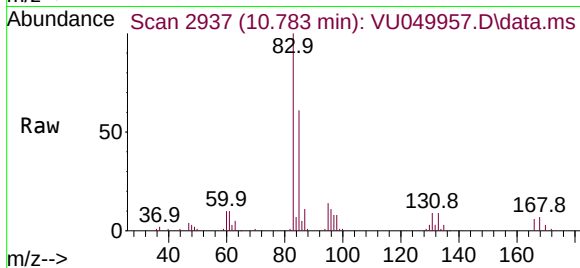
Tgt Ion: 83 Resp: 43411

Ion Ratio Lower Upper

83 100

85 61.3 46.6 86.6

131 8.8 7.9 11.9



#59

Bromoform

Concen: 5.187 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

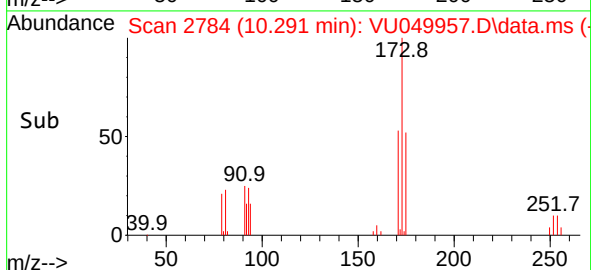
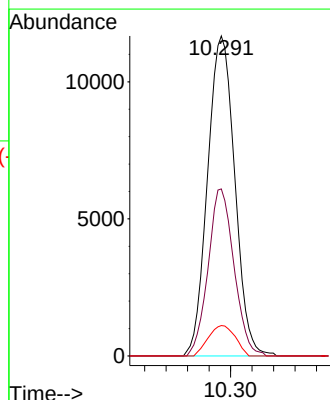
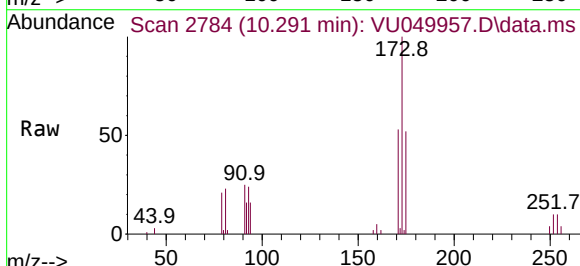
Tgt Ion:173 Resp: 20487

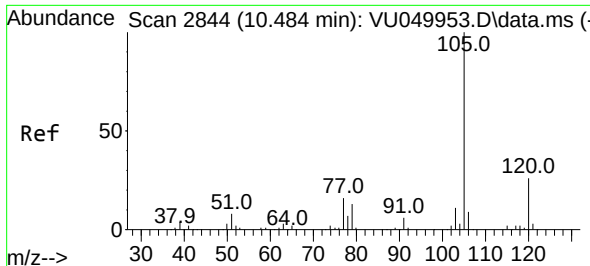
Ion Ratio Lower Upper

173 100

175 49.7 39.1 58.7

254 9.4 7.5 11.3

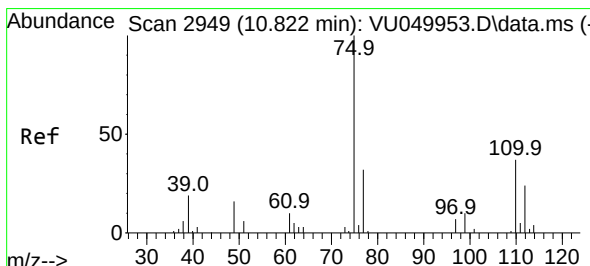
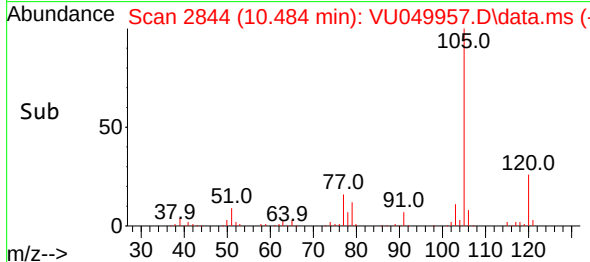
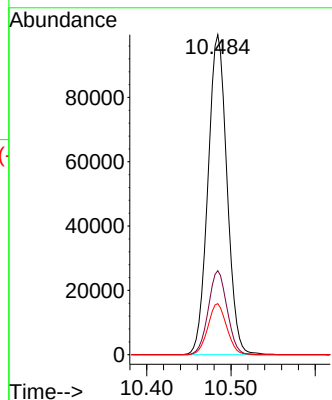
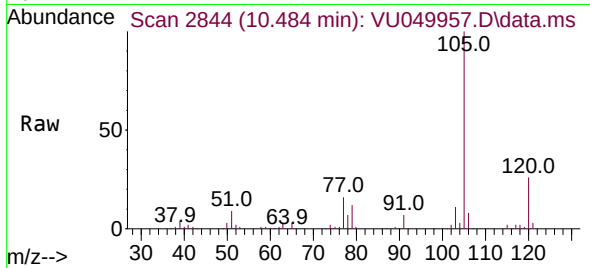




#60
Isopropylbenzene
Concen: 5.383 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

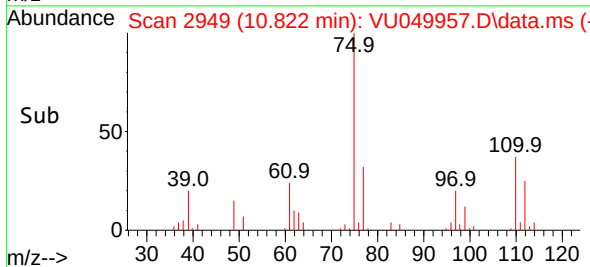
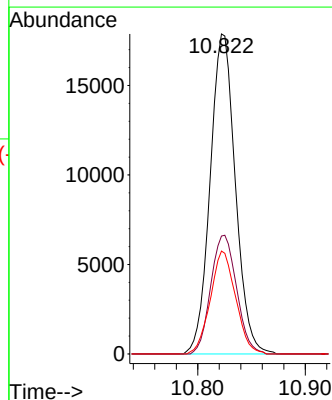
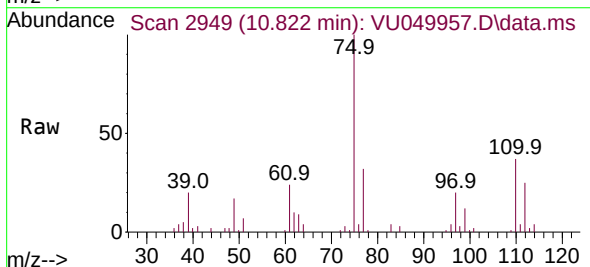
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

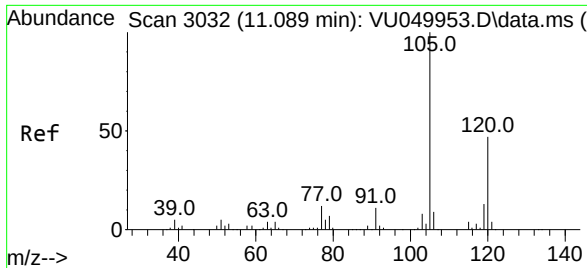
Tgt Ion:105 Resp: 156255
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.107 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion: 75 Resp: 29143
Ion Ratio Lower Upper
75 100
110 37.9 28.1 42.1
77 32.2 24.7 37.1

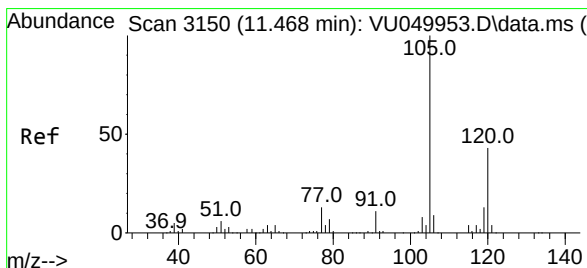
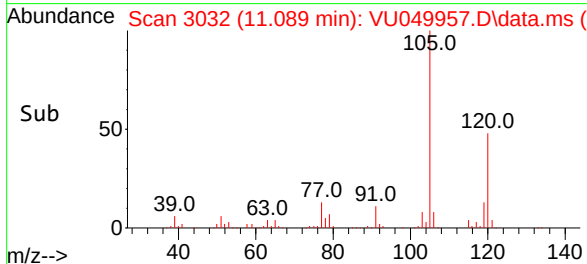
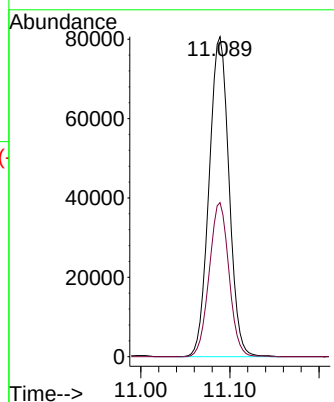
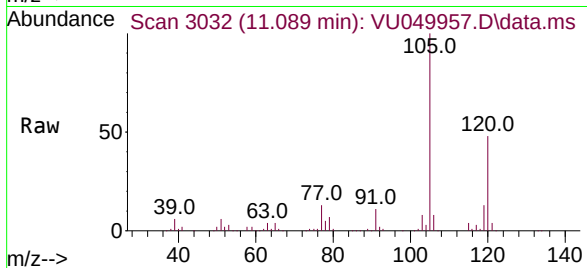




#62
 1,3,5-Trimethylbenzene
 Concen: 5.306 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

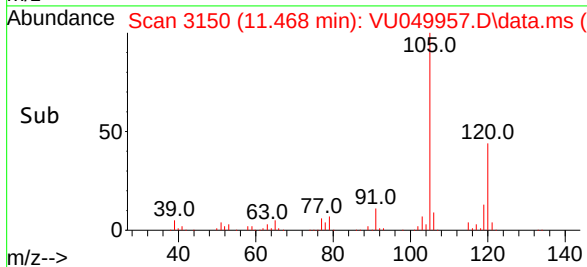
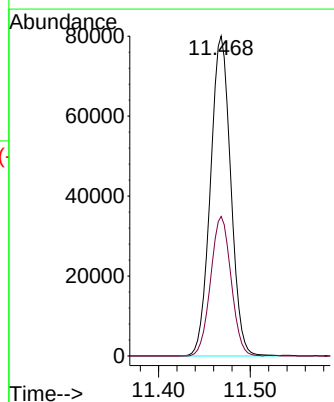
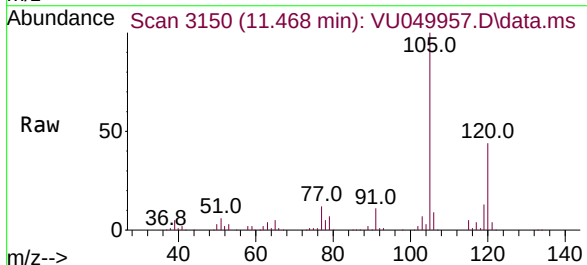
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

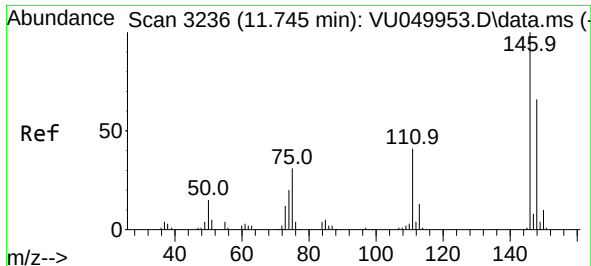
Tgt Ion:105 Resp: 125125
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.388 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049957.D
 Acq: 27 Jul 2022 18:53

Tgt Ion:105 Resp: 123134
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.4 53.2

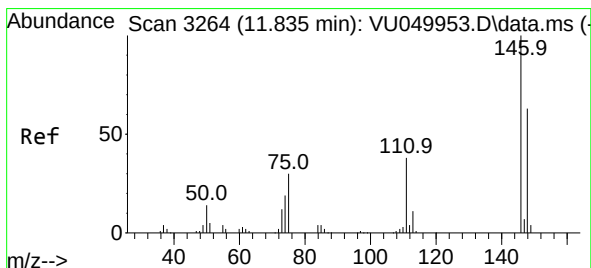
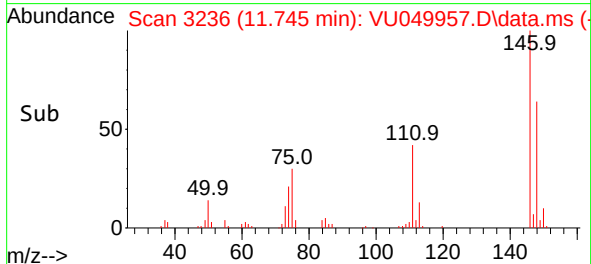
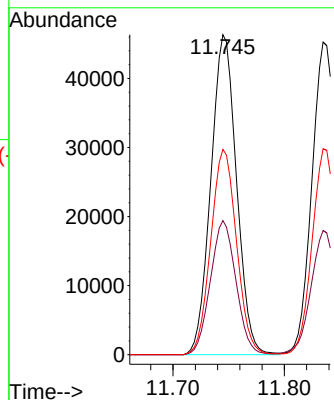
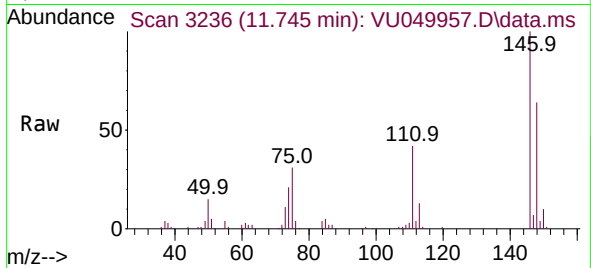




#64
1,3-Dichlorobenzene
Concen: 5.336 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

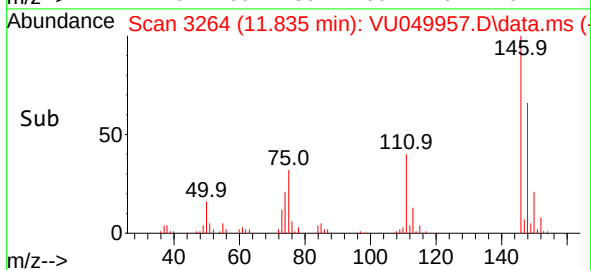
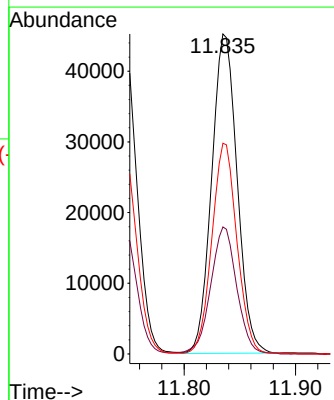
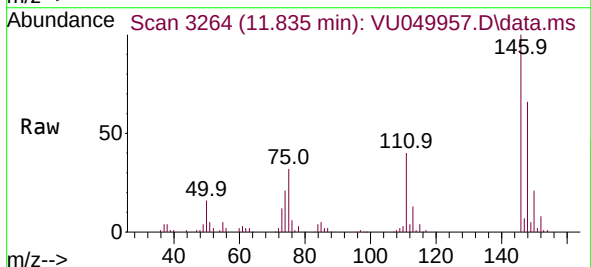
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

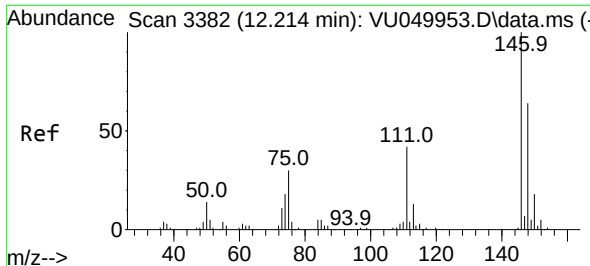
Tgt Ion:146 Resp: 74157
Ion Ratio Lower Upper
146 100
111 41.9 28.9 53.7
148 64.2 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 5.212 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:146 Resp: 71674
Ion Ratio Lower Upper
146 100
111 39.7 26.4 49.0
148 65.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.286 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005135

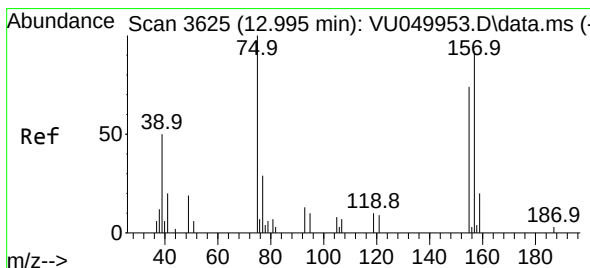
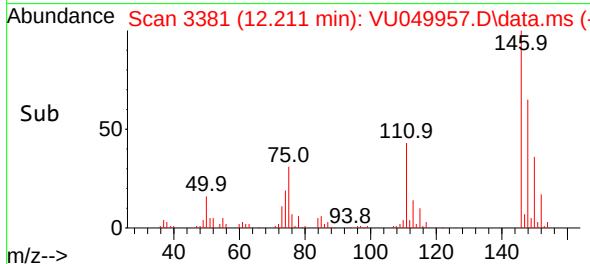
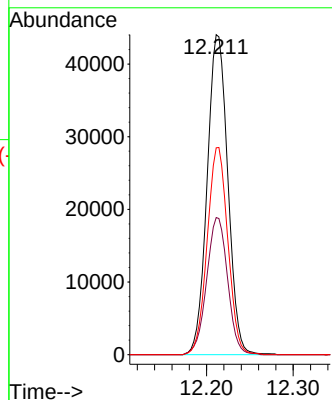
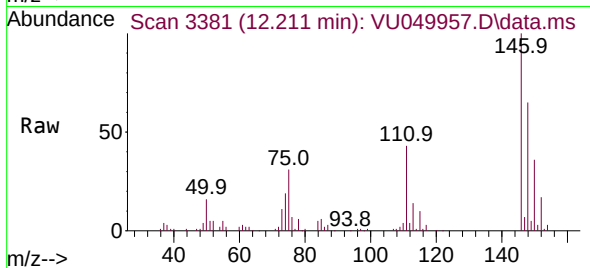
Tgt Ion:146 Resp: 72988

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.2

148 64.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.820 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049957.D

Acq: 27 Jul 2022 18:53

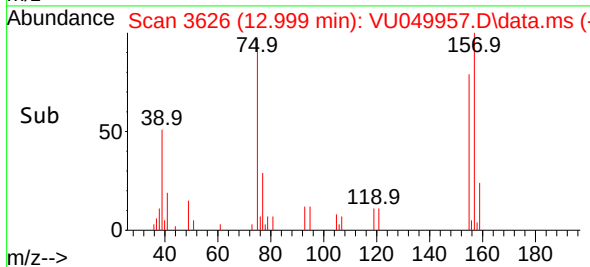
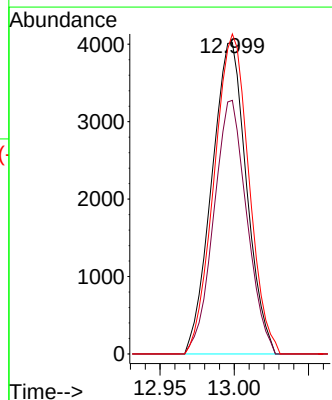
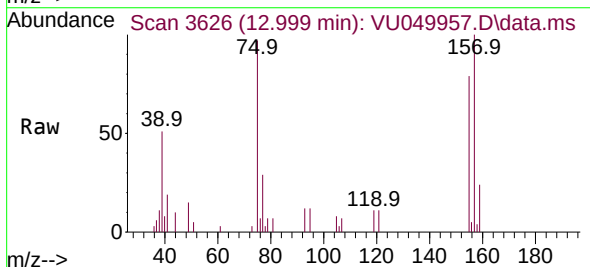
Tgt Ion: 75 Resp: 6560

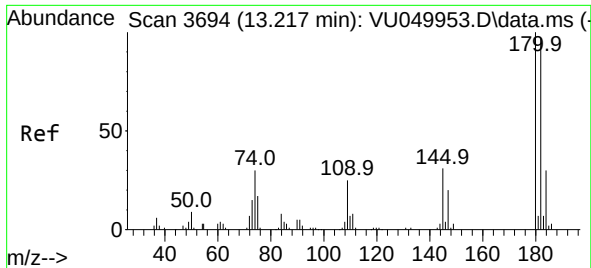
Ion Ratio Lower Upper

75 100

155 81.4 59.4 89.0

157 102.8 73.8 110.6

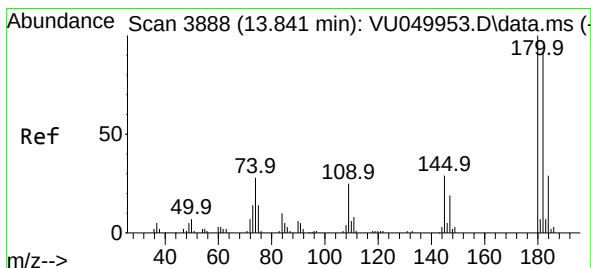
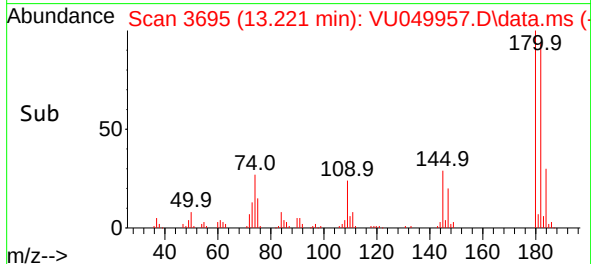
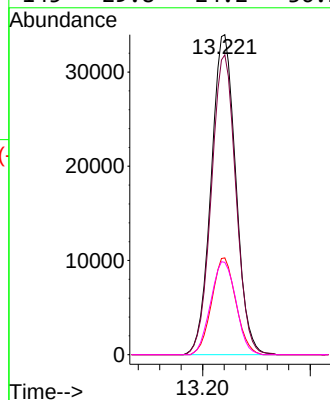
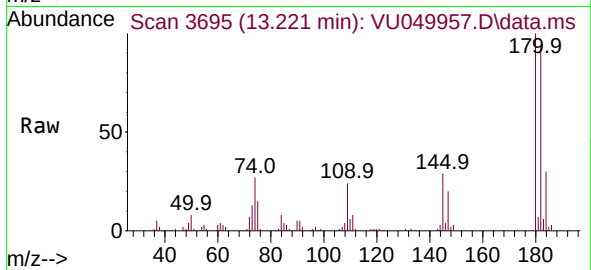




#69
1,3,5-Trichlorobenzene
Concen: 5.377 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

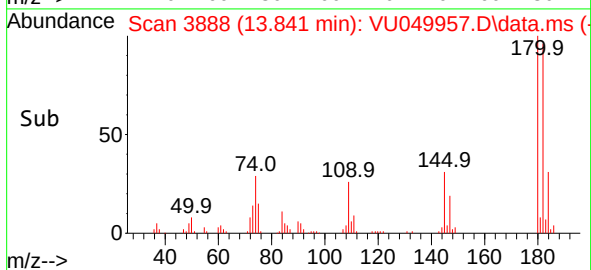
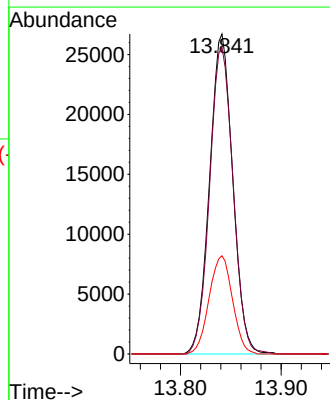
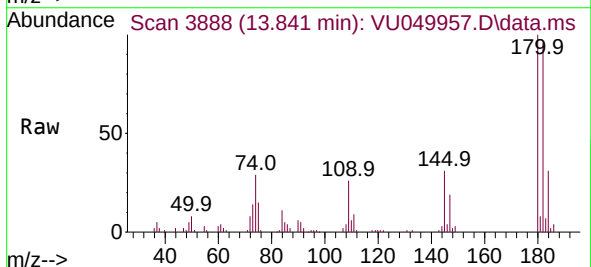
Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

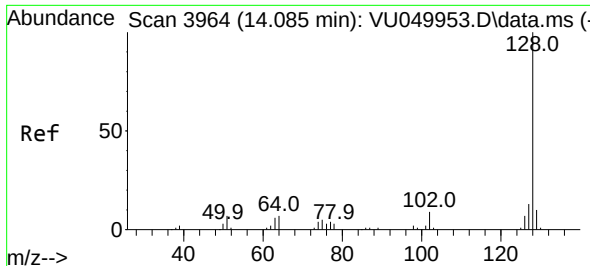
Tgt Ion:180	Resp:	53879
Ion Ratio	Lower	Upper
180	100	
182	93.4	77.2 115.8
184	29.8	23.9 35.9
145	29.8	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 5.336 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:180	Resp:	42656
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.8 113.6
145	31.0	23.8 35.8

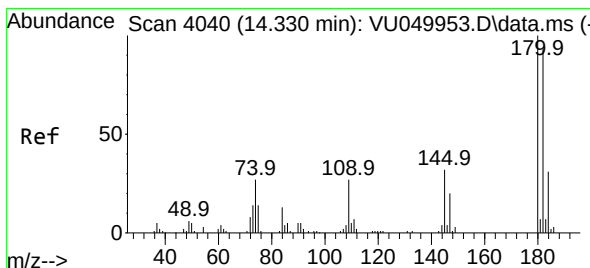
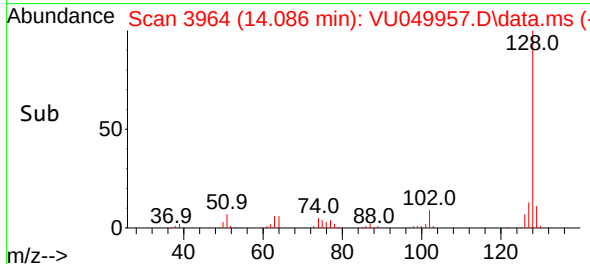
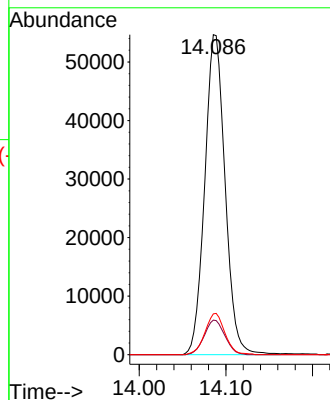
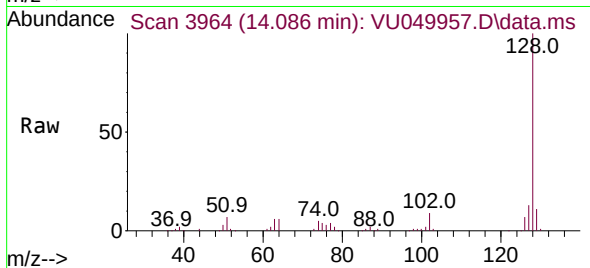




#71
Naphthalene
Concen: 5.633 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD005135

Tgt Ion:	128	Resp:	89285
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.5	12.7
127	12.6	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.619 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049957.D
Acq: 27 Jul 2022 18:53

Tgt Ion:	180	Resp:	44577
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.0	115.4
145	31.4	26.3	39.5

