

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049954.D
 Acq On : 27 Jul 2022 17:15
 Operator : SY/MD
 Sample : VSTD01047
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

Quant Time: Jul 28 03:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	108474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	103395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	101310	10.617	ug/L	0.00
7) Chloroethane-d5	1.909	69	71405	10.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	35414	9.463	ug/L	0.00
20) 2-Butanone-d5	4.633	46	235575	94.759	ug/L	0.00
24) Chloroform-d	5.063	84	166531	11.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	80596	9.954	ug/L	0.00
32) Benzene-d6	5.726	84	337693	10.788	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	109808	10.465	ug/L	0.00
41) Toluene-d8	7.896	98	308169	10.953	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	41598	9.236	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	166178	91.935	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91543	10.682	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	101540	10.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	87684	9.519	ug/L	99
3) Chloromethane	1.520	50	97256	9.653	ug/L	100
5) Vinyl chloride	1.601	62	96502	10.480	ug/L	99
6) Bromomethane	1.855	94	54845	10.939	ug/L	99
8) Chloroethane	1.929	64	54598	10.236	ug/L	96
9) Trichlorofluoromethane	2.134	101	115543	10.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	68594	10.735	ug/L	99
12) 1,1-Dichloroethene	2.575	96	63845	10.425	ug/L	91
13) Acetone	2.646	43	131211	103.981	ug/L	97
14) Carbon disulfide	2.790	76	177824	9.082	ug/L	100
15) Methyl Acetate	2.954	43	32675	9.983	ug/L	98
16) Methylene chloride	3.044	84	86366	10.410	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	183547	10.179	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	70880	10.529	ug/L	99
19) 1,1-Dichloroethane	3.867	63	142985	10.717	ug/L	99
21) 2-Butanone	4.713	43	233452	99.006	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	85524	11.143	ug/L	99
23) Bromochloromethane	4.973	128	38943	11.737	ug/L	97
25) Chloroform	5.089	83	151528	11.135	ug/L	99
27) 1,2-Dichloroethane	5.793	62	87380	10.021	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	119395	9.842	ug/L	99
30) Cyclohexane	5.388	56	104852	7.910	ug/L	99
31) Carbon tetrachloride	5.523	117	97776	9.661	ug/L	99
33) Benzene	5.774	78	330118	10.765	ug/L	100
34) Trichloroethene	6.543	95	80288	10.350	ug/L	97
35) Methylcyclohexane	6.764	83	111286	8.830	ug/L	98
37) 1,2-Dichloropropane	6.790	63	89651	10.630	ug/L	100
38) Bromodichloromethane	7.105	83	108247	10.565	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	120598	9.752	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	547325	90.916	ug/L	99
42) Toluene	7.970	91	343815	10.607	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	101111	9.421	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049954.D
 Acq On : 27 Jul 2022 17:15
 Operator : SY/MD
 Sample : VSTD01047
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

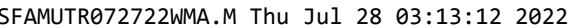
Quant Time: Jul 28 03:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

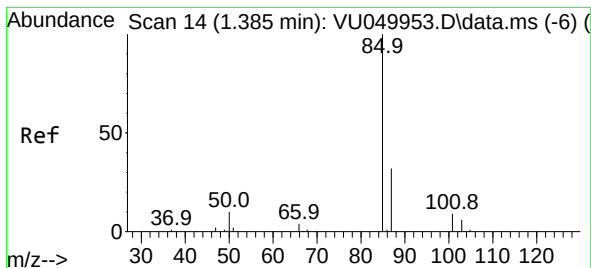
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	66831	11.130	ug/L	98
47) Tetrachloroethene	8.552	164	56717	10.547	ug/L	96
48) 2-Hexanone	8.684	43	416254	95.849	ug/L	97
49) Dibromochloromethane	8.809	129	75025	11.113	ug/L	99
50) 1,2-Dibromoethane	8.925	107	59608	10.929	ug/L	98
51) Chlorobenzene	9.446	112	212078	10.699	ug/L	99
52) Ethylbenzene	9.571	91	349433	10.088	ug/L	100
53) m,p-Xylene	9.694	106	133933	10.392	ug/L	99
54) o-Xylene	10.099	106	133878	10.462	ug/L	98
55) Styrene	10.115	104	231952	10.785	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	86450	10.938	ug/L	99
59) Bromoform	10.292	173	42941	11.080	ug/L	99
60) Isopropylbenzene	10.484	105	342292	10.063	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	59150	10.194	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	285681	9.675	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	281303	9.661	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	157137	10.539	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	151094	10.256	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	153177	10.737	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12980	8.581	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	111996	10.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	90520	10.364	ug/L	99
71) Naphthalene	14.086	128	185677	10.771	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	92100	11.097	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 28 03:13:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 28 03:10:46 2022
Response via : Initial Calibration

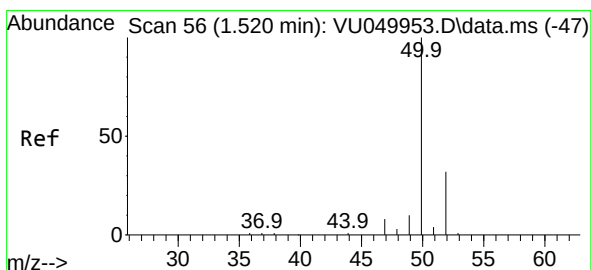
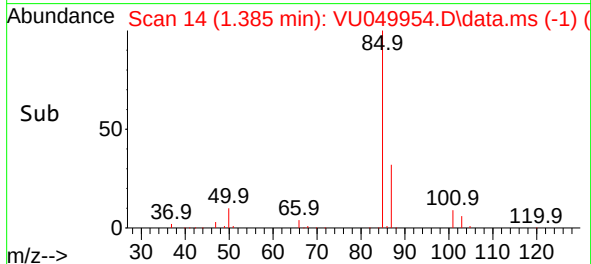
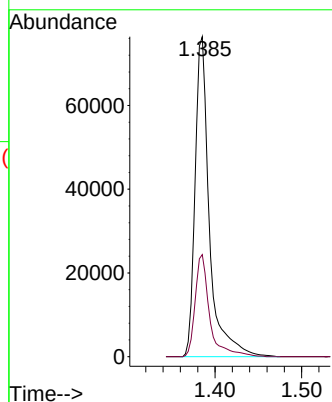
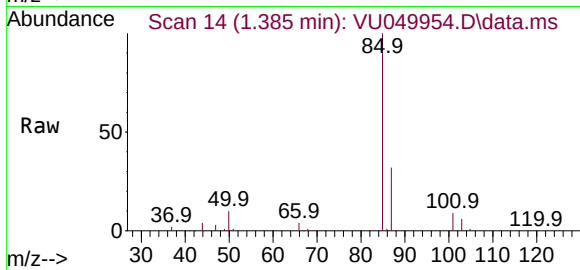




#2
Dichlorodifluoromethane
Concen: 9.519 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

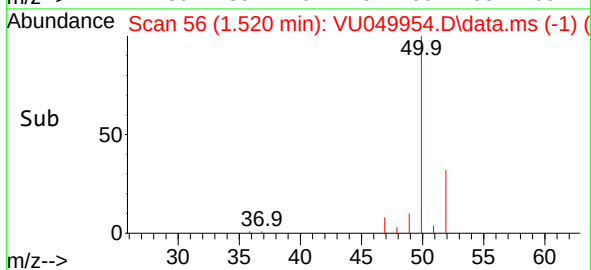
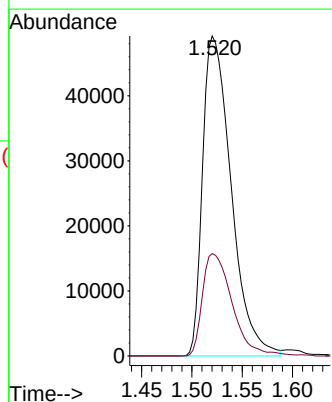
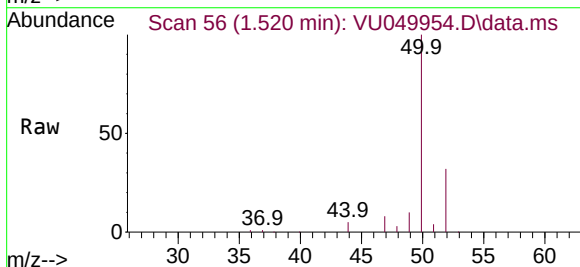
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

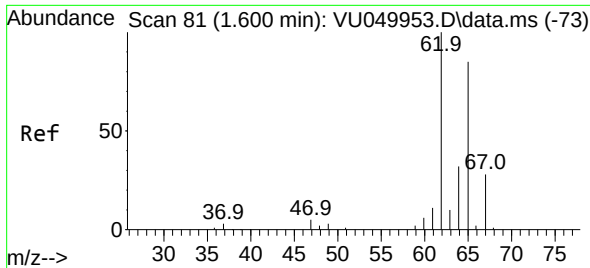
Tgt Ion: 85 Resp: 87684
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 9.653 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

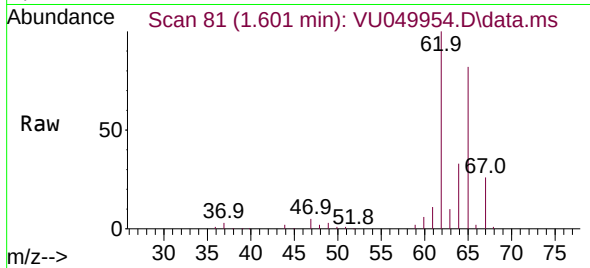
Tgt Ion: 50 Resp: 97256
Ion Ratio Lower Upper
50 100
52 32.0 22.4 41.6



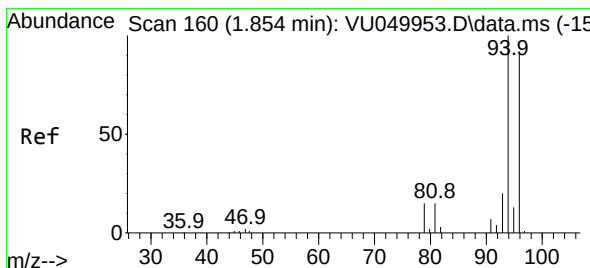
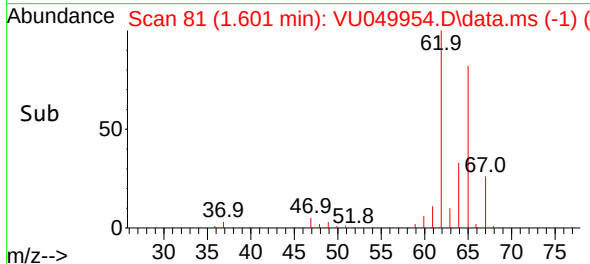
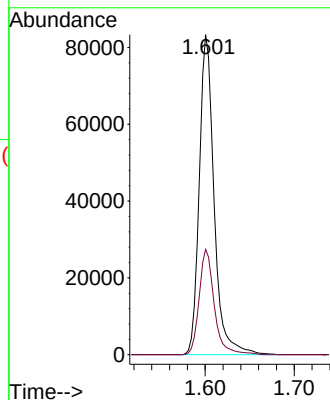


#5
 Vinyl chloride
 Concen: 10.480 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

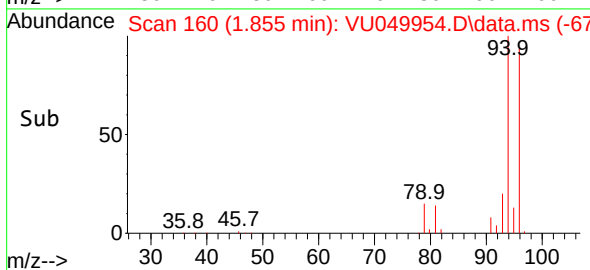
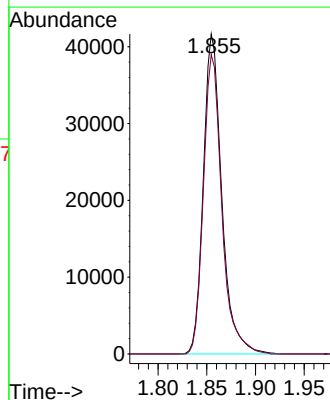
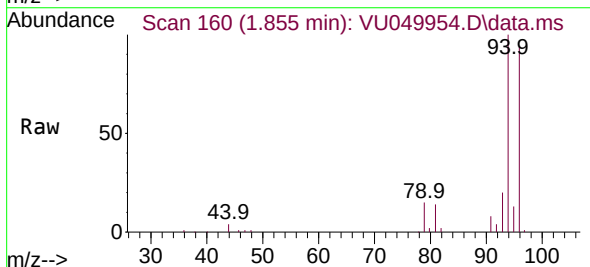


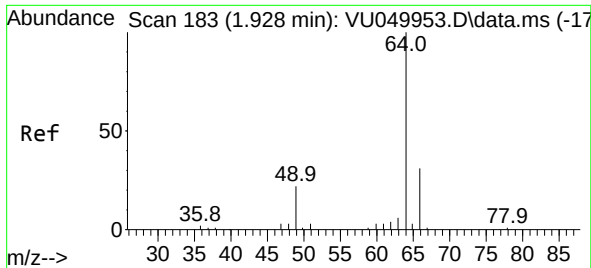
Tgt Ion: 62 Resp: 96502
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.9



#6
 Bromomethane
 Concen: 10.939 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

Tgt Ion: 94 Resp: 54845
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.9

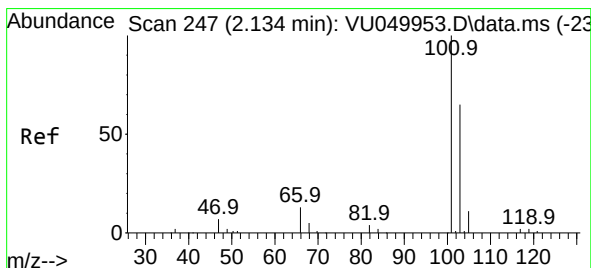
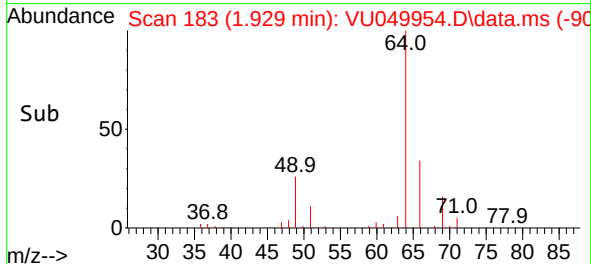
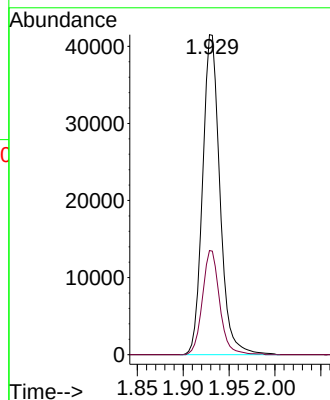
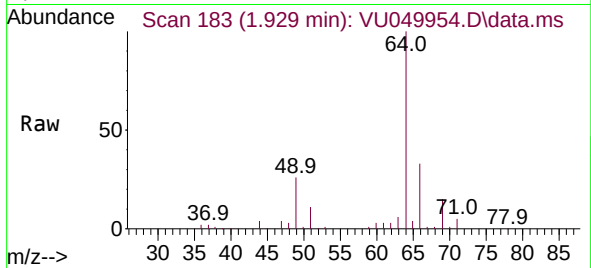




#8
Chloroethane
Concen: 10.236 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

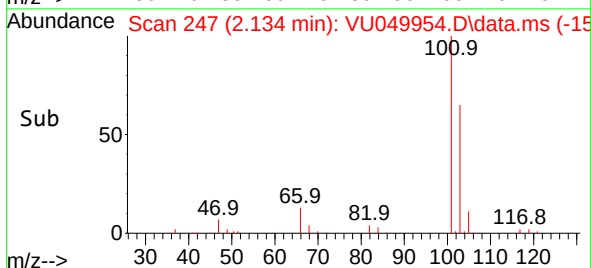
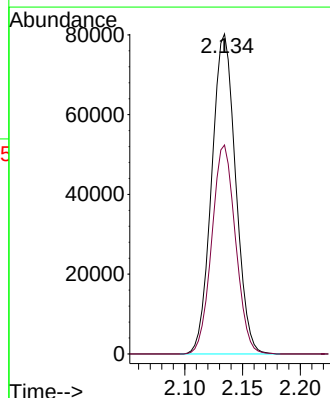
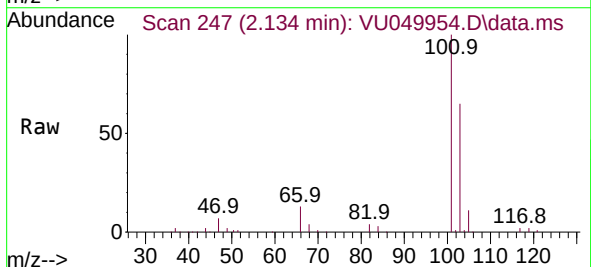
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

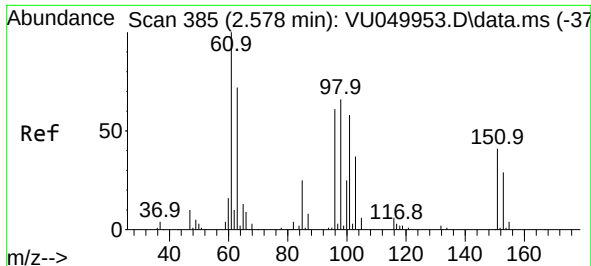
Tgt Ion: 64 Resp: 54598
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 10.666 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion:101 Resp: 115543
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

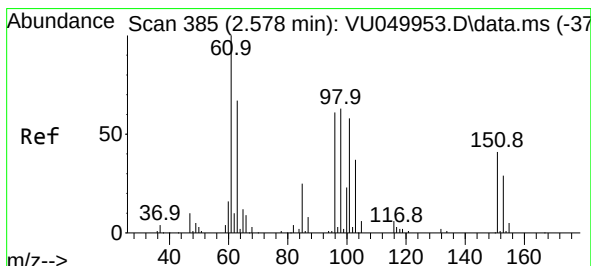
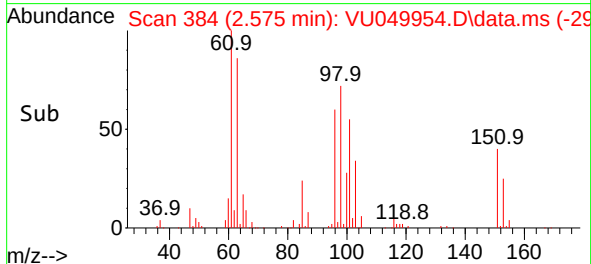
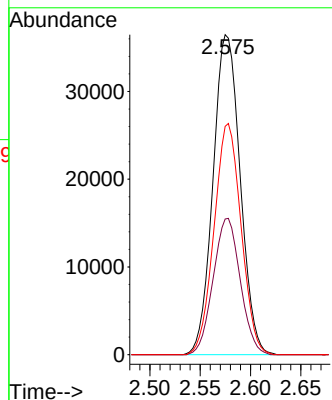
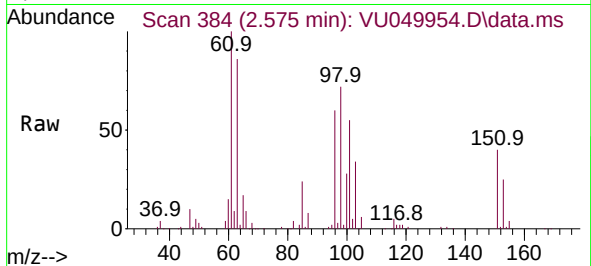




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.735 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

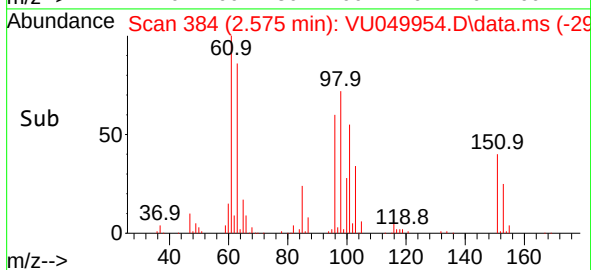
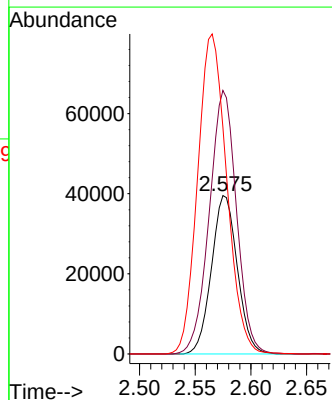
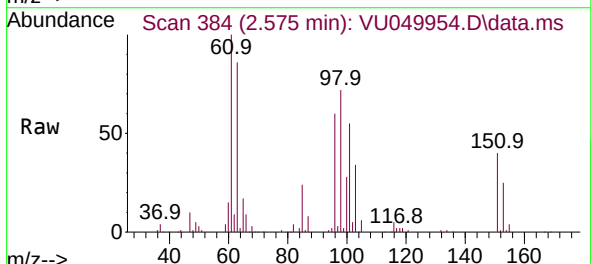
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

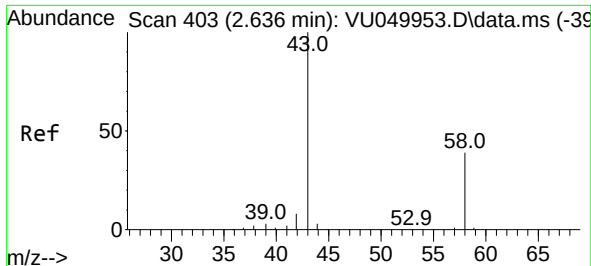
Tgt Ion:101 Resp: 68594
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.1 51.1
 151 71.9 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 10.425 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

Tgt Ion: 96 Resp: 63845
 Ion Ratio Lower Upper
 96 100
 61 166.3 115.7 214.9
 63 143.0 84.8 157.4





#13

Acetone

Concen: 103.981 ug/L

RT: 2.646 min Scan# 403

Delta R.T. 0.010 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

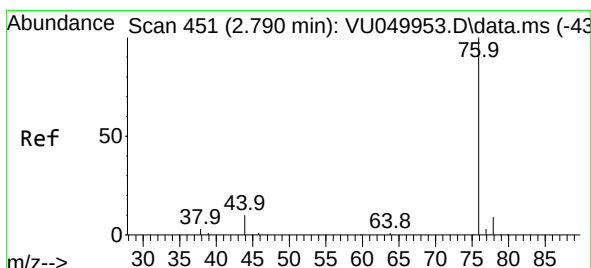
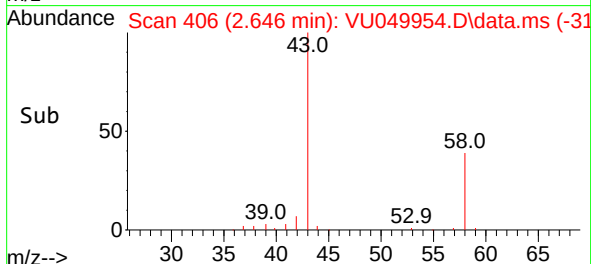
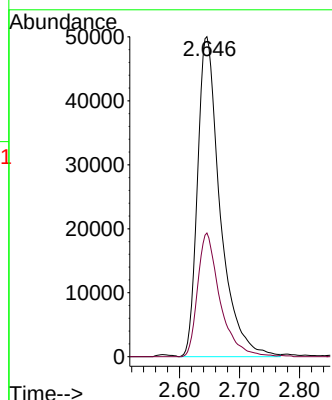
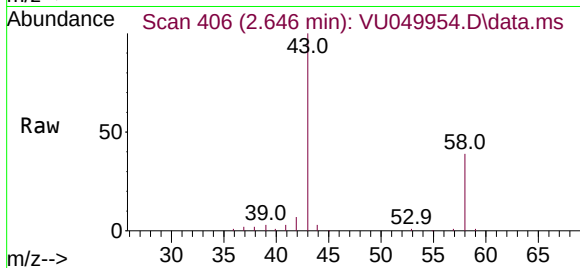
VSTD010047

Tgt Ion: 43 Resp: 131211

Ion Ratio Lower Upper

43 100

58 38.1 0.0 73.0



#14

Carbon disulfide

Concen: 9.082 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049954.D

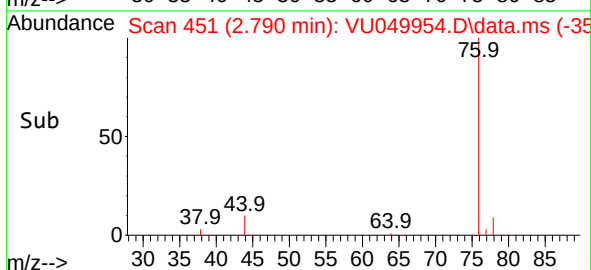
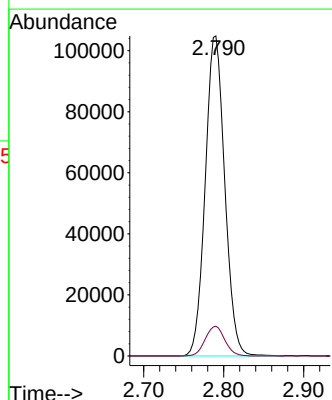
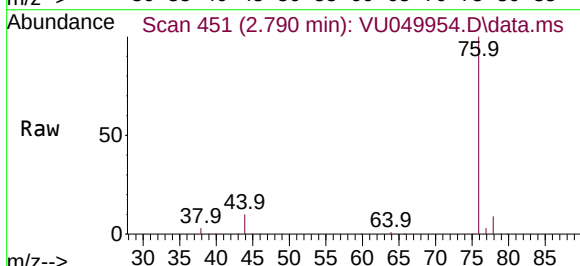
Acq: 27 Jul 2022 17:15

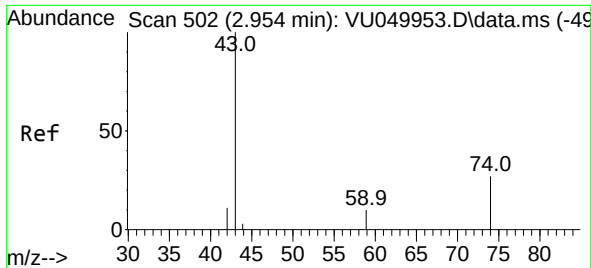
Tgt Ion: 76 Resp: 177824

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

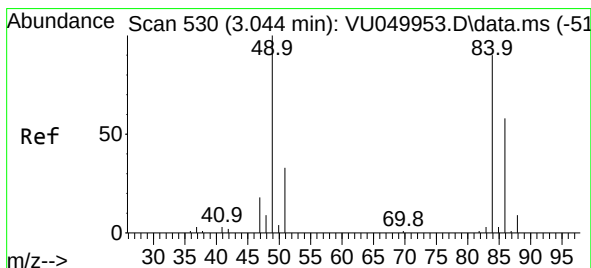
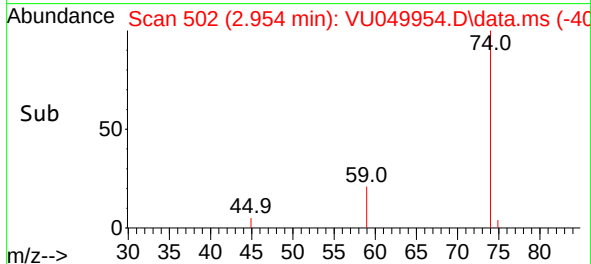
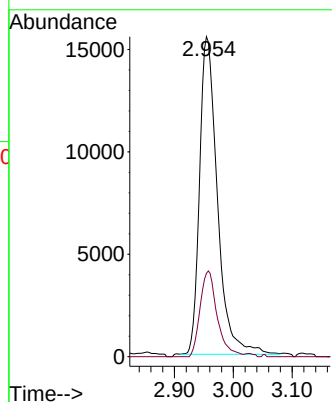
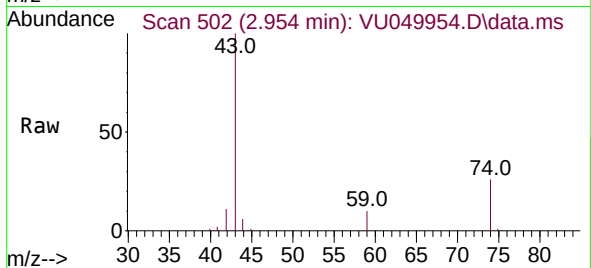




#15
Methyl Acetate
Concen: 9.983 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

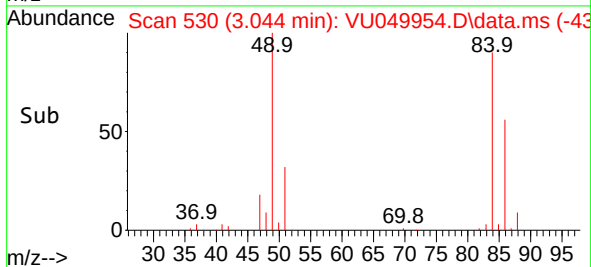
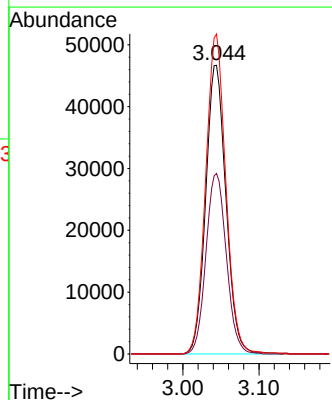
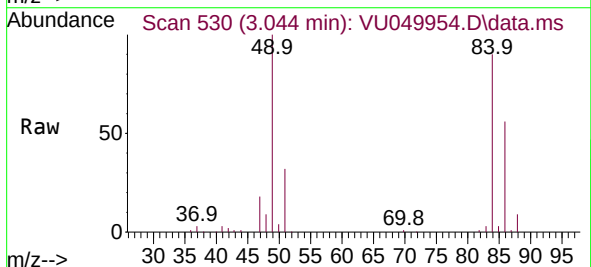
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

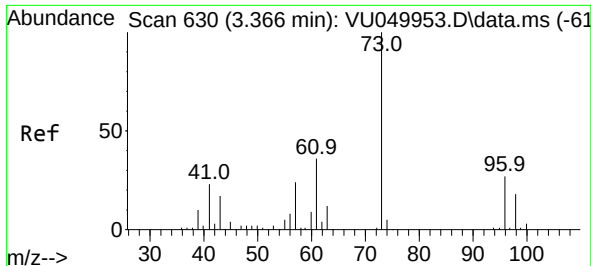
Tgt Ion: 43 Resp: 32675
Ion Ratio Lower Upper
43 100
74 25.8 21.6 32.4



#16
Methylene chloride
Concen: 10.410 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

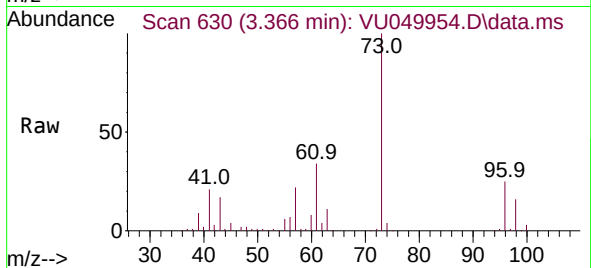
Tgt Ion: 84 Resp: 86366
Ion Ratio Lower Upper
84 100
86 62.5 45.2 84.0
49 110.9 77.6 144.0



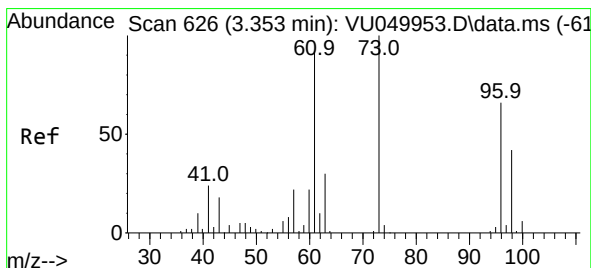
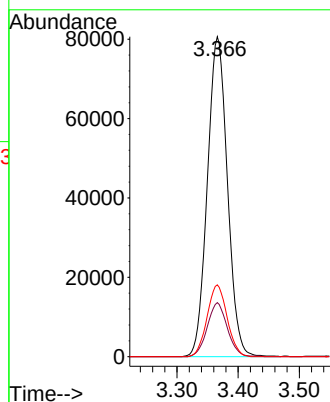
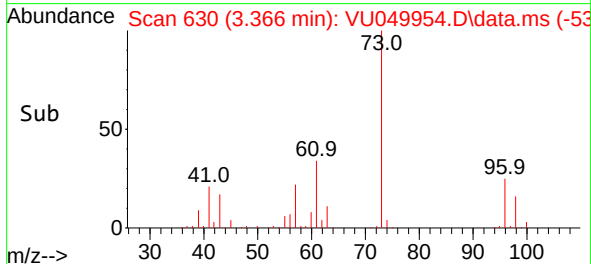


#17
Methyl tert-butyl Ether
Concen: 10.179 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

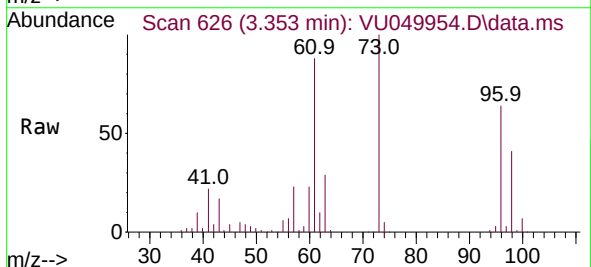
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047



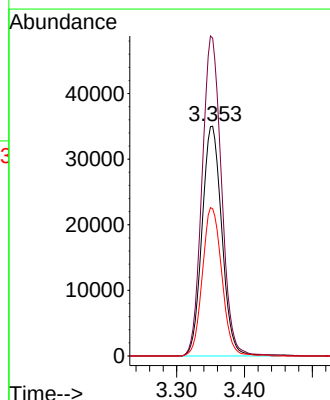
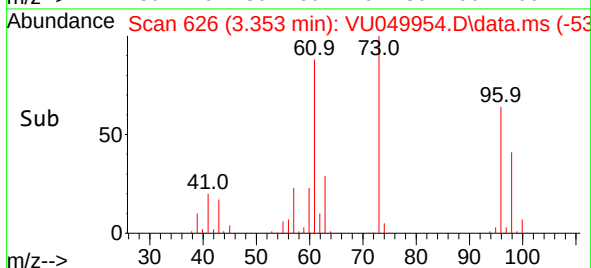
Tgt Ion: 73	Resp: 183547
Ion Ratio	Lower Upper
73 100	
43 16.9	13.8 20.6
57 22.4	17.9 26.9

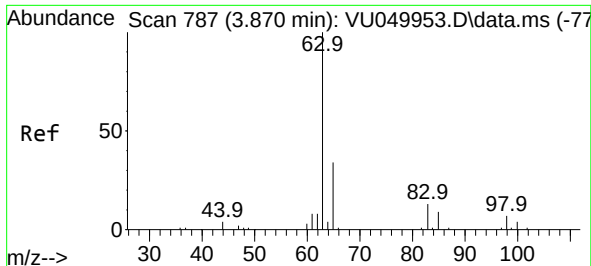


#18
trans-1,2-Dichloroethene
Concen: 10.529 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15



Tgt Ion: 96	Resp: 70880
Ion Ratio	Lower Upper
96 100	
61 138.3	98.0 182.0
98 64.1	44.5 82.7





#19

1,1-Dichloroethane

Concen: 10.717 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010047

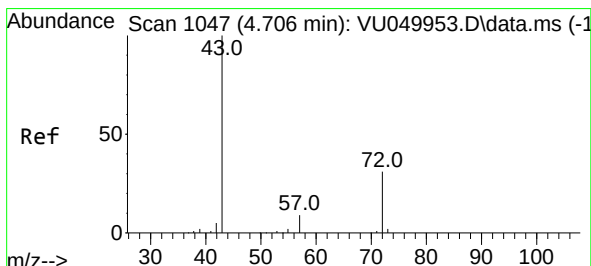
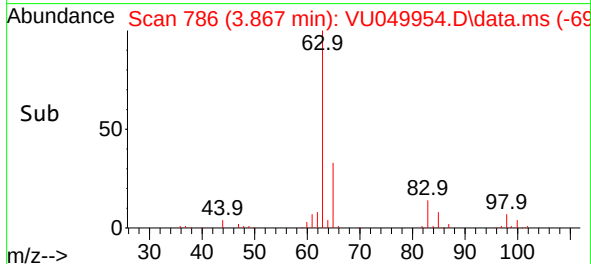
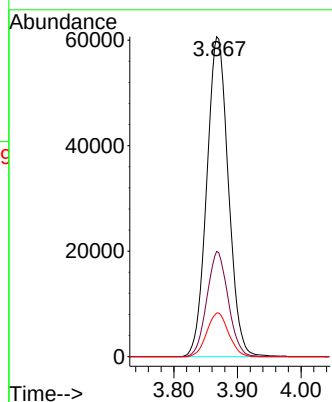
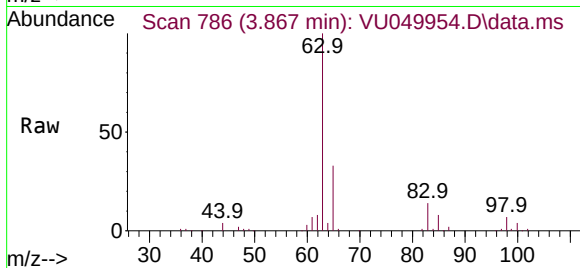
Tgt Ion: 63 Resp: 142985

Ion Ratio Lower Upper

63 100

65 32.9 23.4 43.6

83 13.6 9.4 17.4



#21

2-Butanone

Concen: 99.006 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.007 min

Lab File: VU049954.D

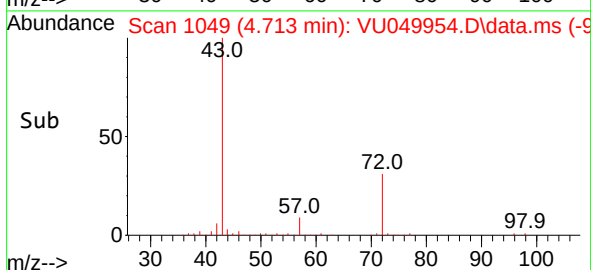
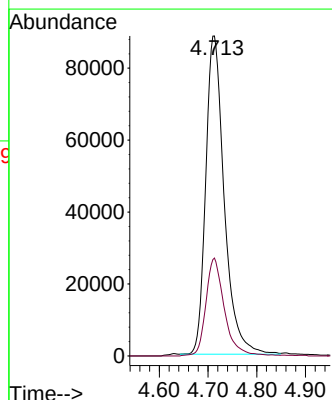
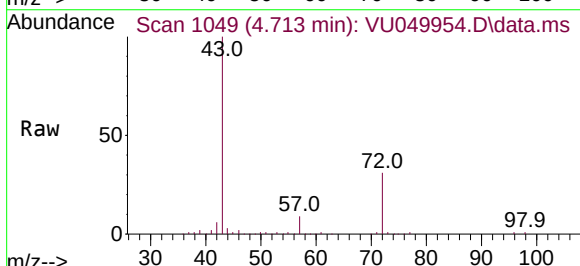
Acq: 27 Jul 2022 17:15

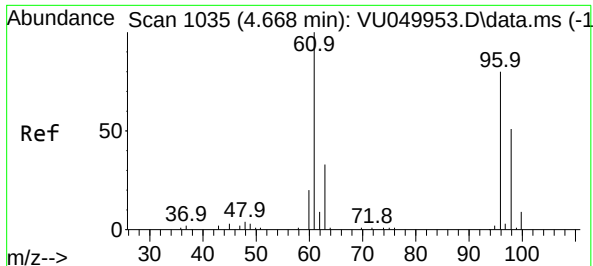
Tgt Ion: 43 Resp: 233452

Ion Ratio Lower Upper

43 100

72 30.7 15.8 47.3

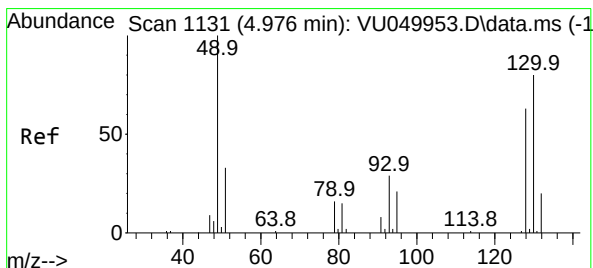
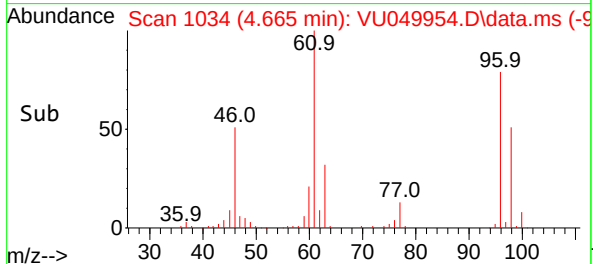
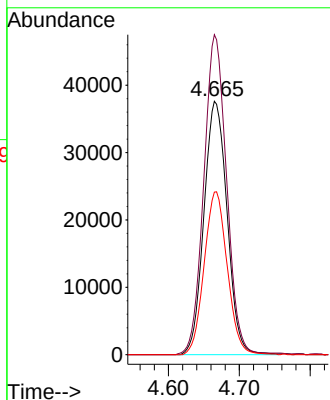
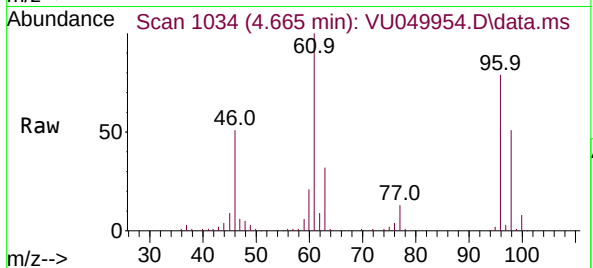




#22
 cis-1,2-Dichloroethene
 Concen: 11.143 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

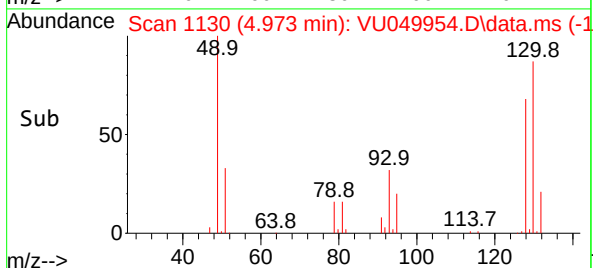
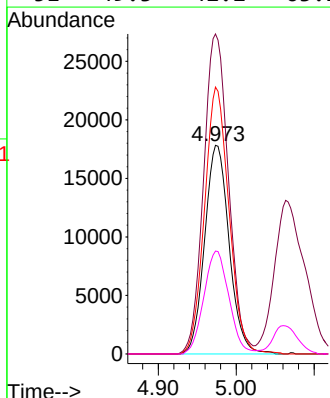
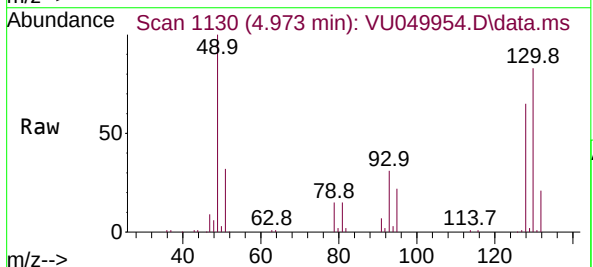
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

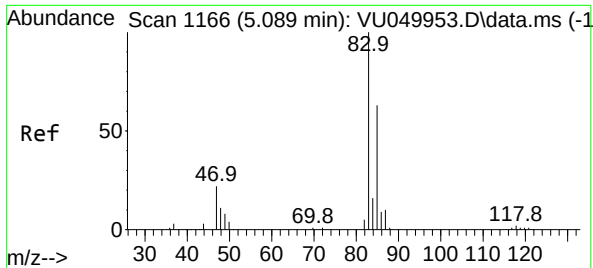
Tgt Ion:	96	Resp:	85524
Ion	Ratio	Lower	Upper
96	100		
61	126.3	87.2	161.9
98	64.1	44.7	83.1



#23
 Bromochloromethane
 Concen: 11.737 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

Tgt Ion:	128	Resp:	38943
Ion	Ratio	Lower	Upper
128	100		
49	153.4	111.4	207.0
130	127.9	88.7	164.7
51	49.3	42.2	63.2





#25

Chloroform

Concen: 11.135 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

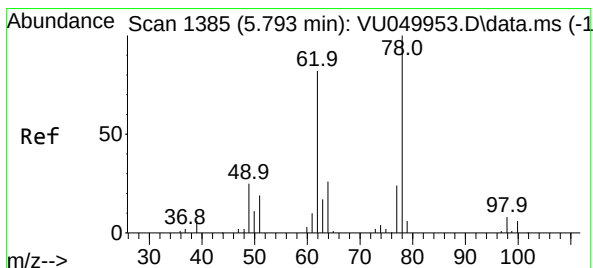
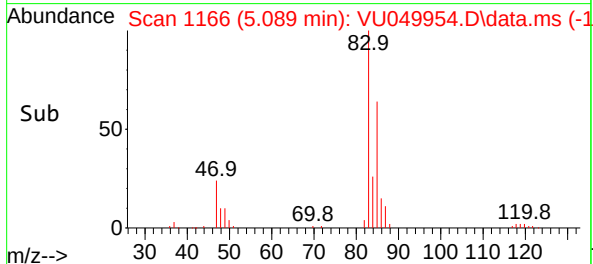
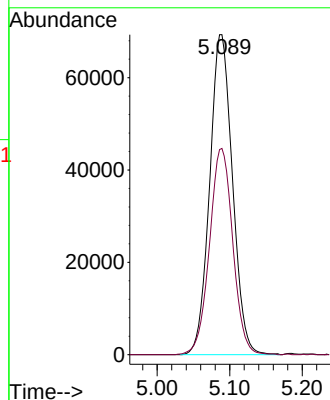
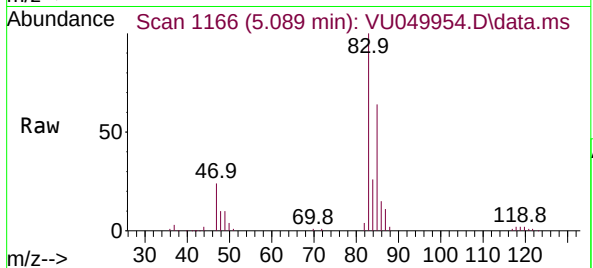
VSTD010047

Tgt Ion: 83 Resp: 151528

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 10.021 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049954.D

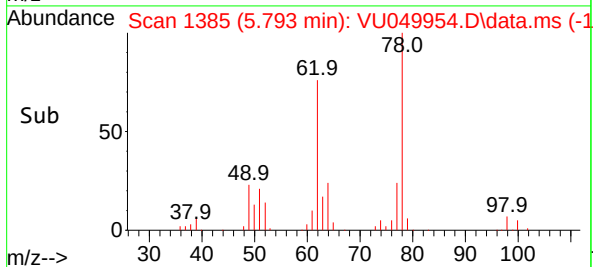
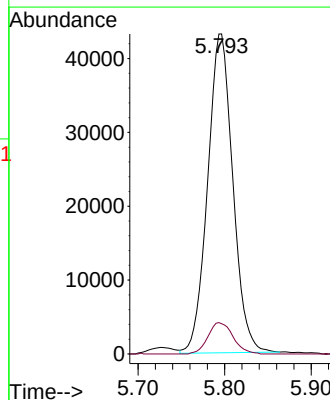
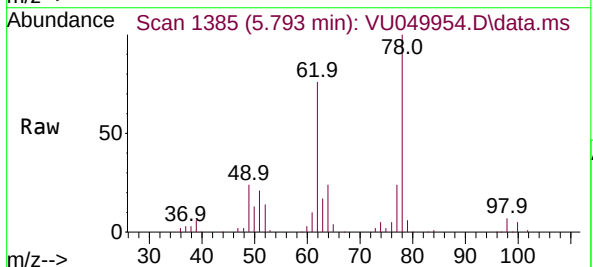
Acq: 27 Jul 2022 17:15

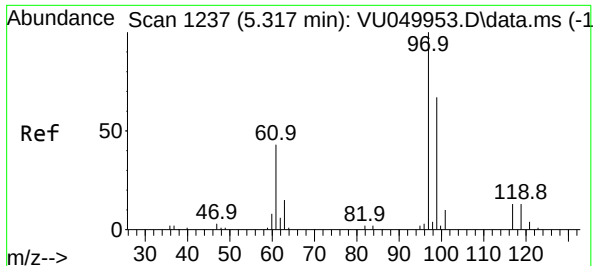
Tgt Ion: 62 Resp: 87380

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 9.842 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010047

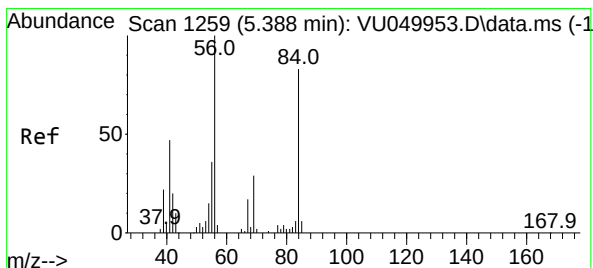
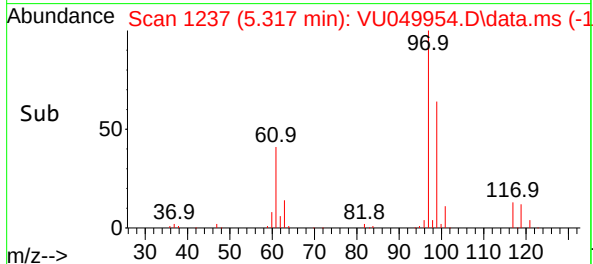
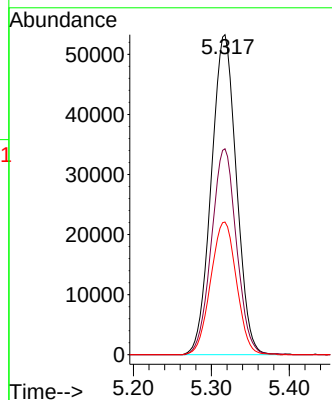
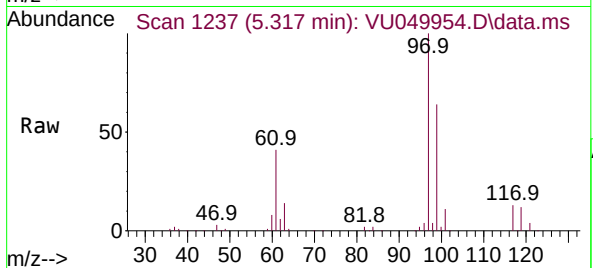
Tgt Ion: 97 Resp: 119395

Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 42.6 35.0 52.6



#30

Cyclohexane

Concen: 7.910 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

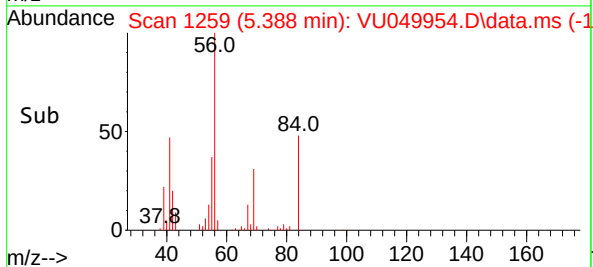
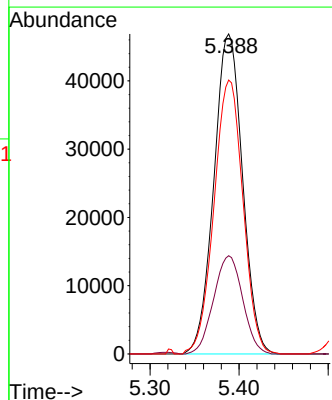
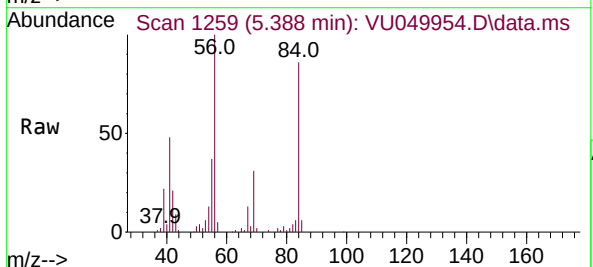
Tgt Ion: 56 Resp: 104852

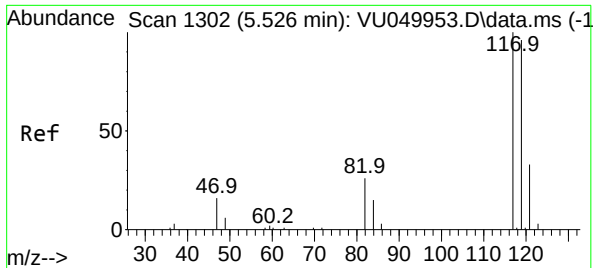
Ion Ratio Lower Upper

56 100

69 31.1 25.1 37.7

84 86.5 70.1 105.1

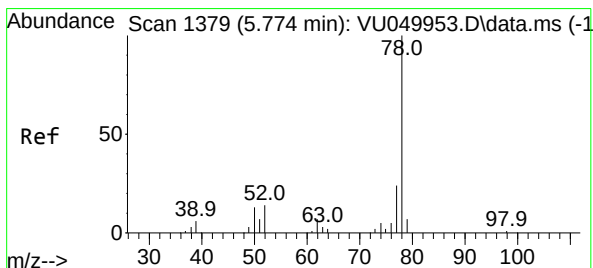
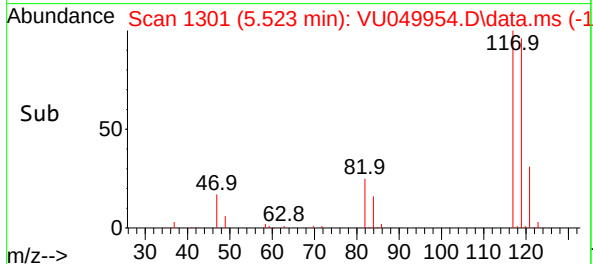
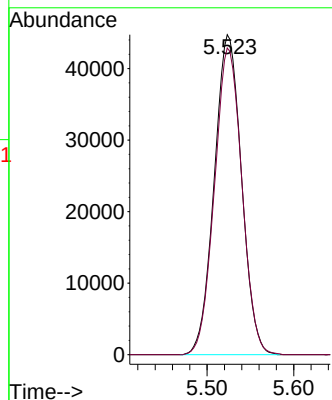
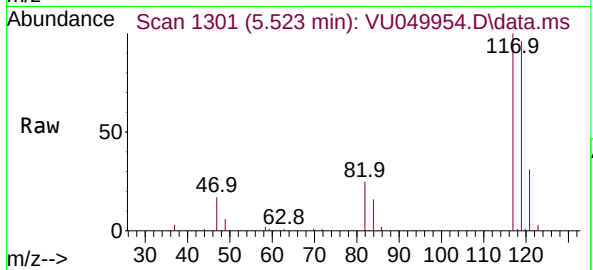




#31
Carbon tetrachloride
Concen: 9.661 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

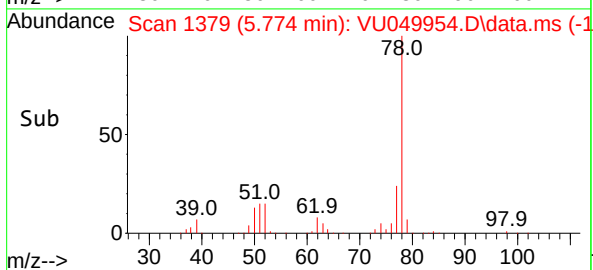
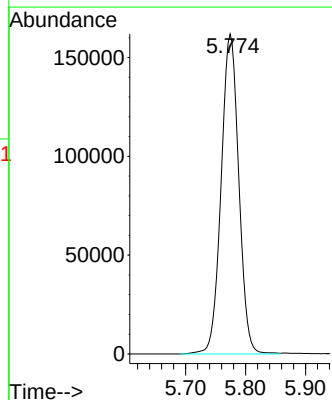
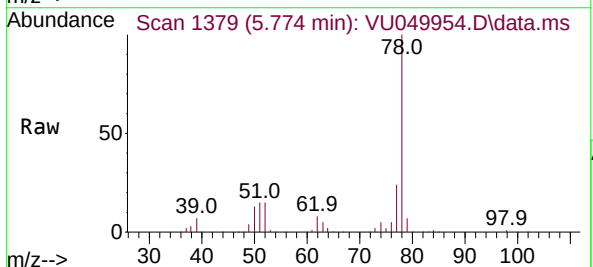
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

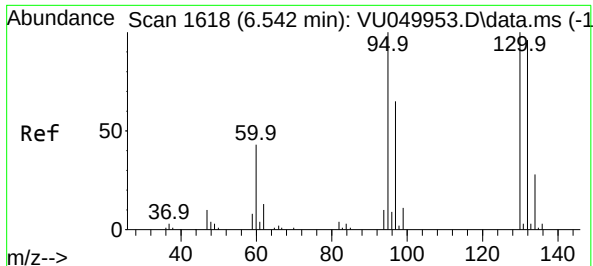
Tgt Ion:117 Resp: 97776
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.6



#33
Benzene
Concen: 10.765 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 78 Resp: 330118



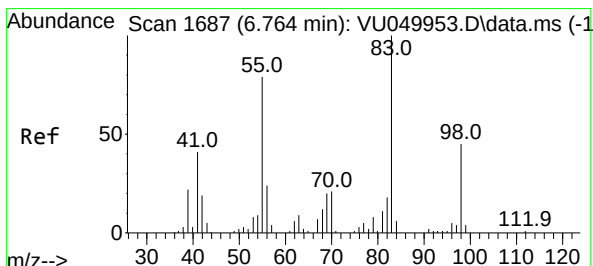
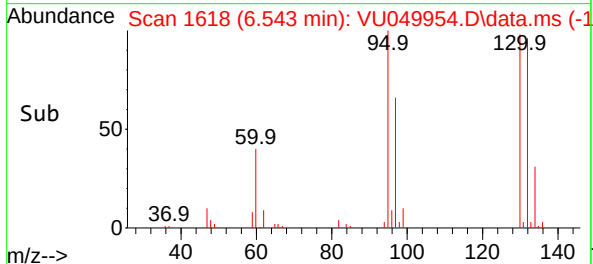
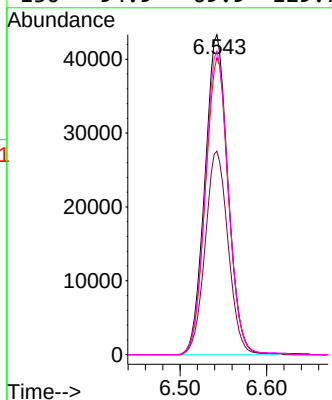
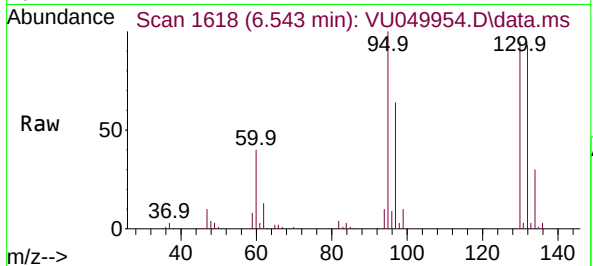


#34
Trichloroethene
Concen: 10.350 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

Tgt Ion: 95 Resp: 80288

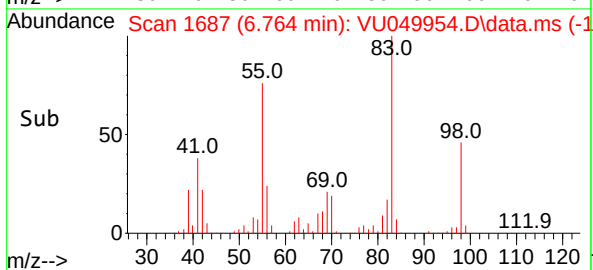
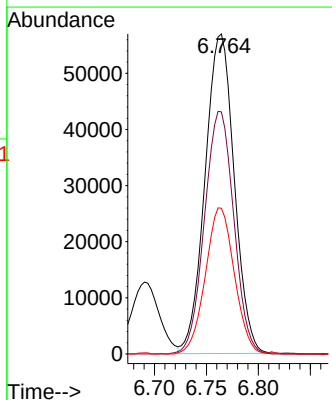
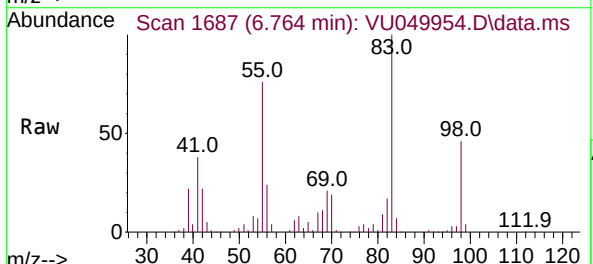
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	92.8	66.8	124.2
130	94.9	69.9	129.7

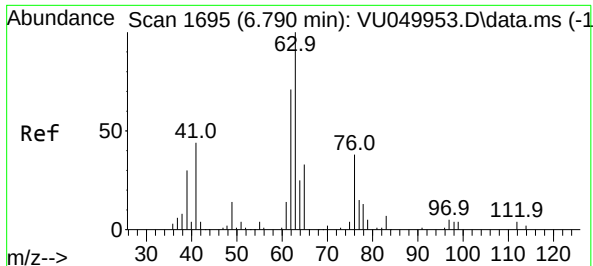


#35
Methylcyclohexane
Concen: 8.830 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 83 Resp: 111286

Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.6	92.4
98	45.3	34.8	52.2





#37

1,2-Dichloropropane

Concen: 10.630 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

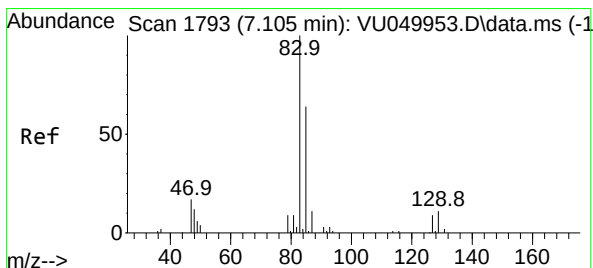
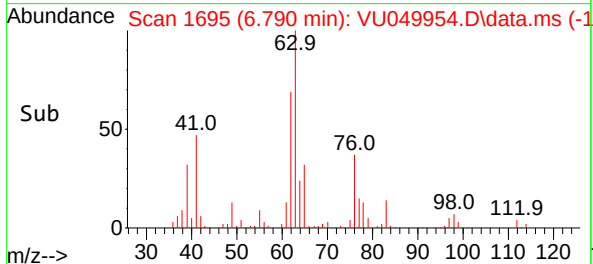
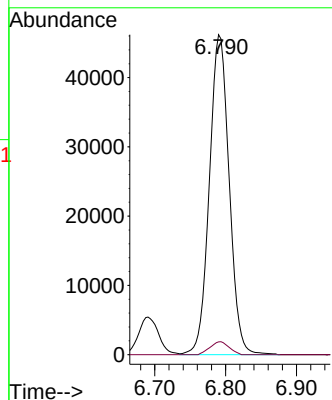
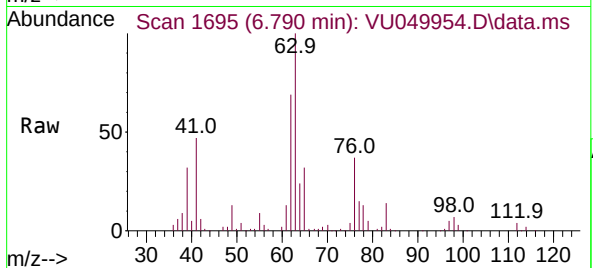
VSTD010047

Tgt Ion: 63 Resp: 89651

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 10.565 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

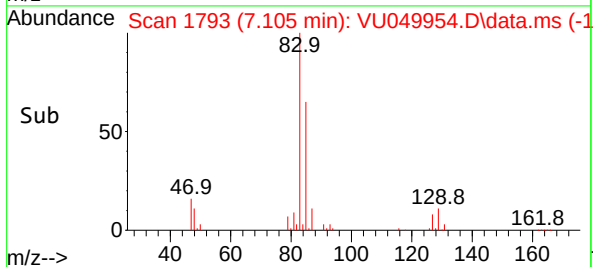
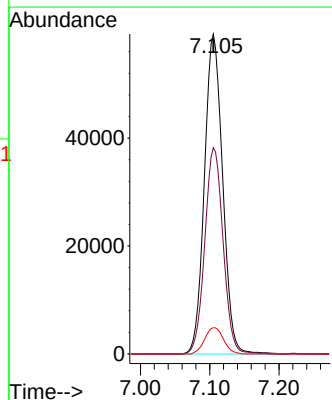
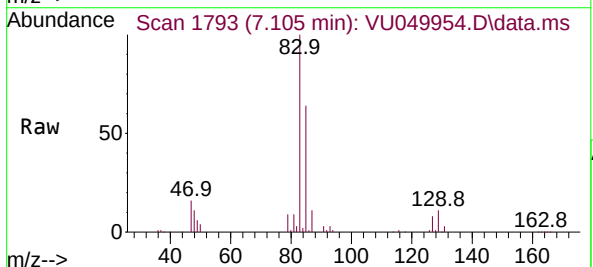
Tgt Ion: 83 Resp: 108247

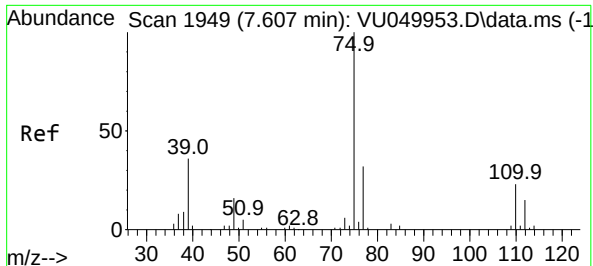
Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.5

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.752 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

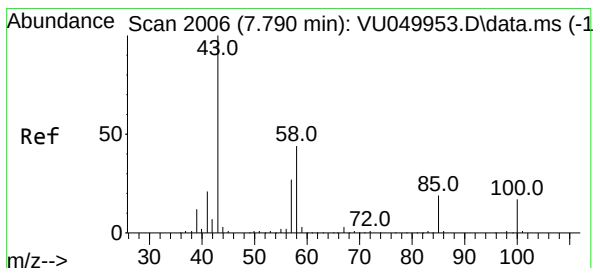
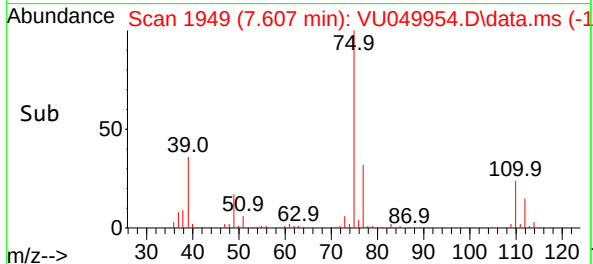
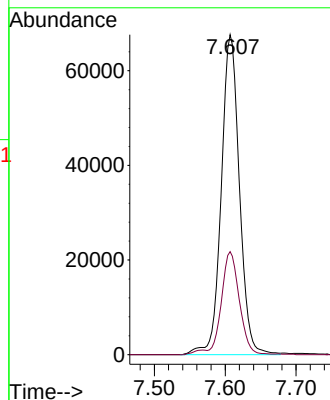
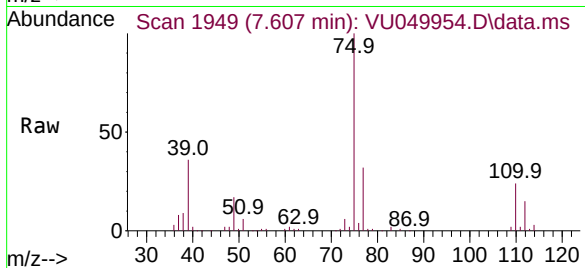
VSTD010047

Tgt Ion: 75 Resp: 120598

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 90.916 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

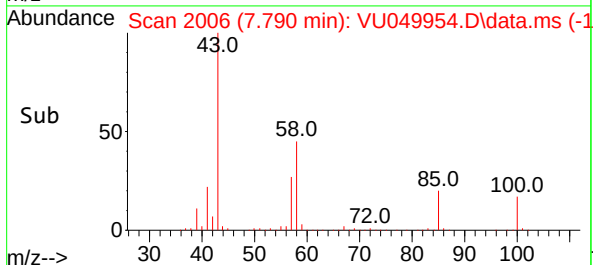
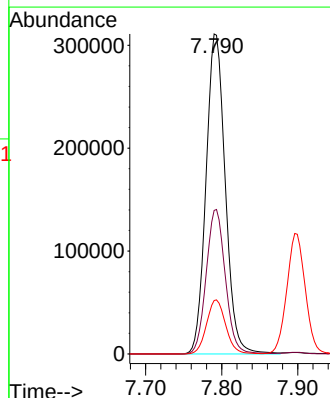
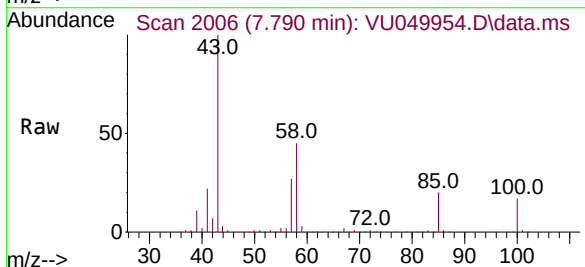
Tgt Ion: 43 Resp: 547325

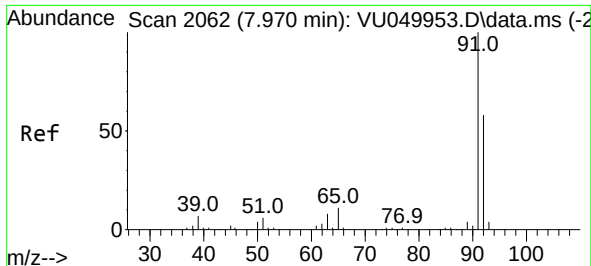
Ion Ratio Lower Upper

43 100

58 45.0 35.5 53.3

100 16.8 13.2 19.8

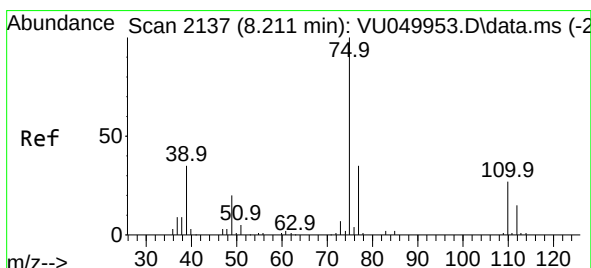
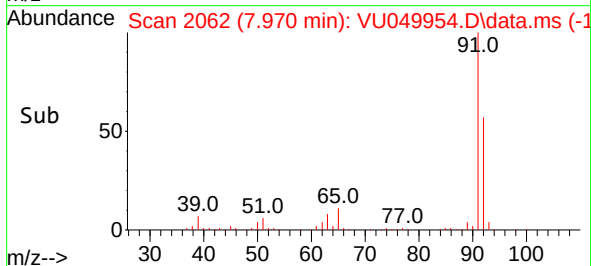
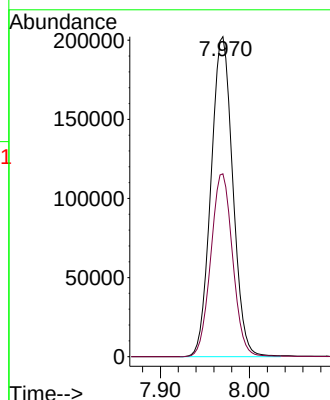
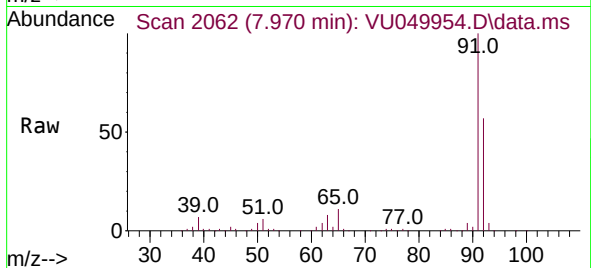




#42
Toluene
Concen: 10.607 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

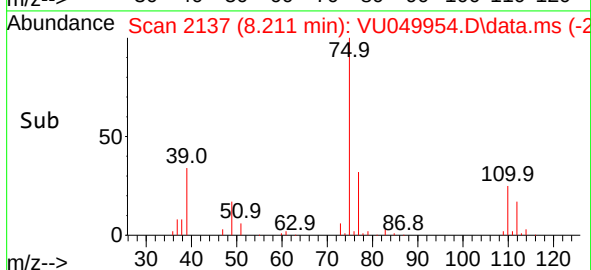
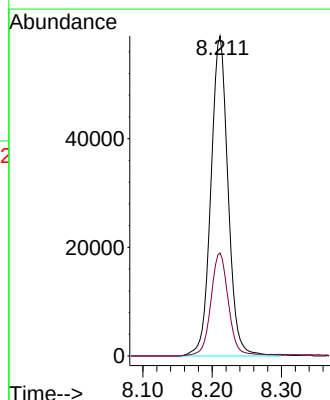
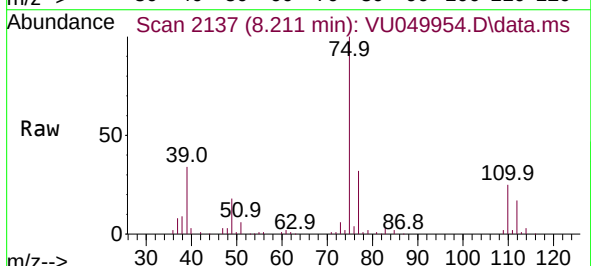
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

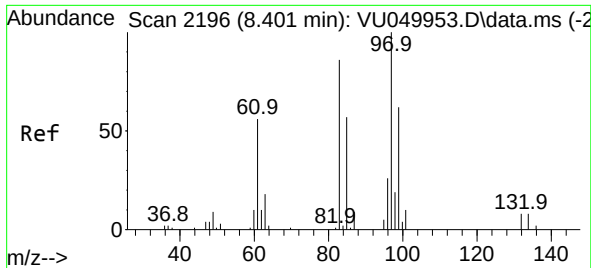
Tgt Ion: 91 Resp: 343815
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 9.421 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 75 Resp: 101111
Ion Ratio Lower Upper
75 100
77 32.2 24.1 44.8



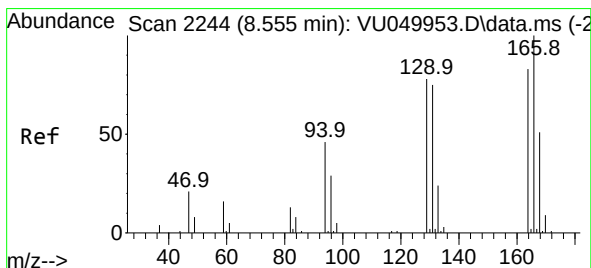
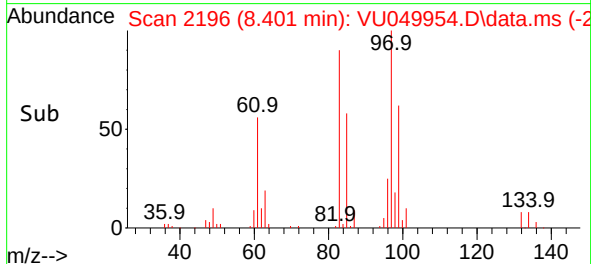
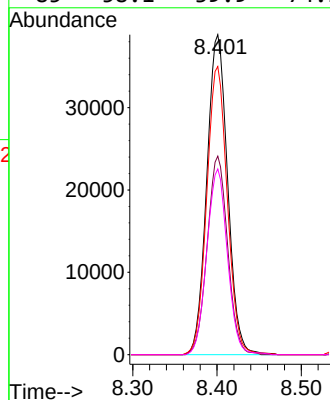
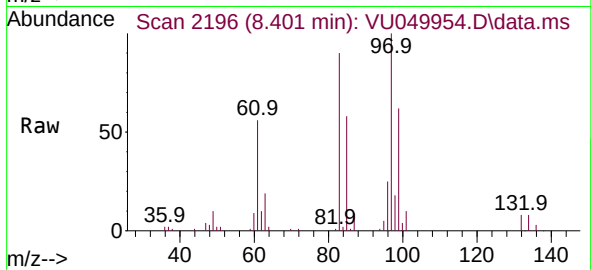


#45
1,1,2-Trichloroethane
Concen: 11.130 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

Tgt Ion: 97 Resp: 66831

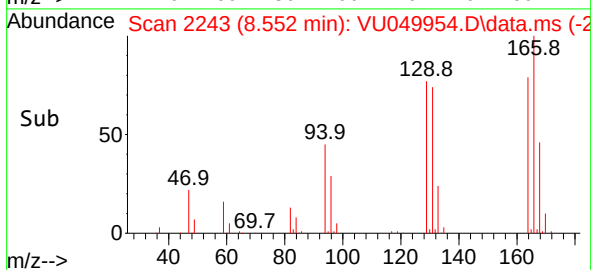
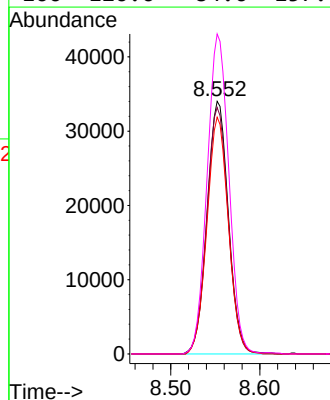
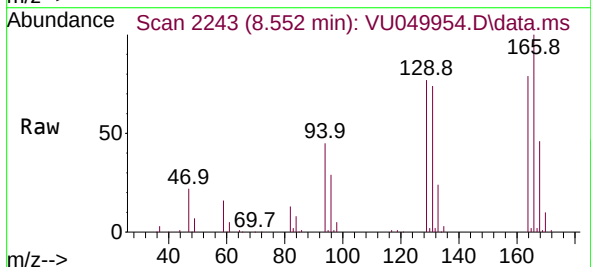
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.9
83	90.0	59.9	111.3
85	58.1	39.9	74.1

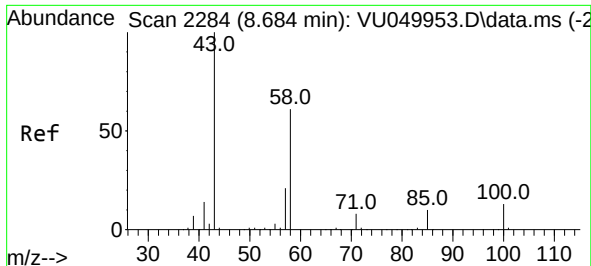


#47
Tetrachloroethene
Concen: 10.547 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 164 Resp: 56717

Ion	Ratio	Lower	Upper
164	100		
129	97.5	66.3	123.1
131	93.7	63.1	117.1
166	126.6	84.6	157.0

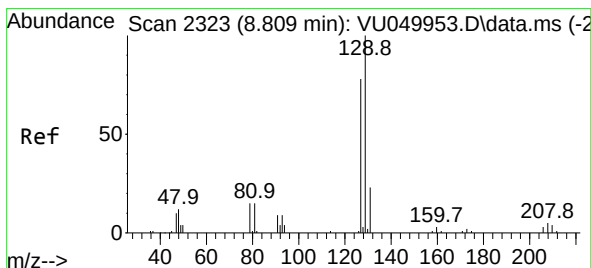
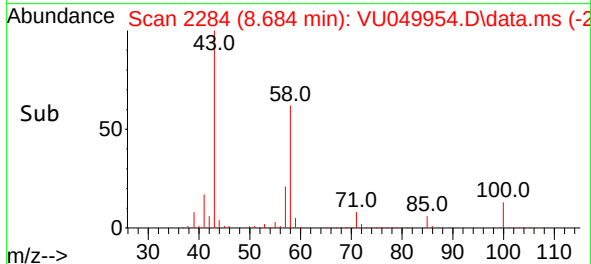
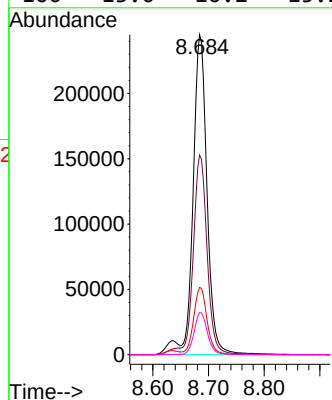
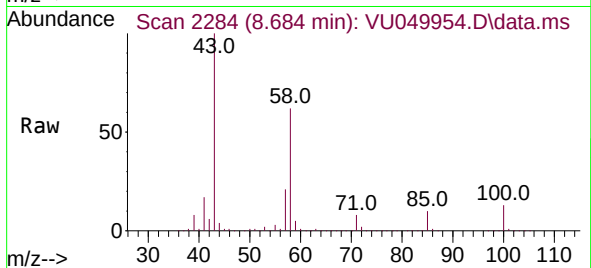




#48
2-Hexanone
Concen: 95.849 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

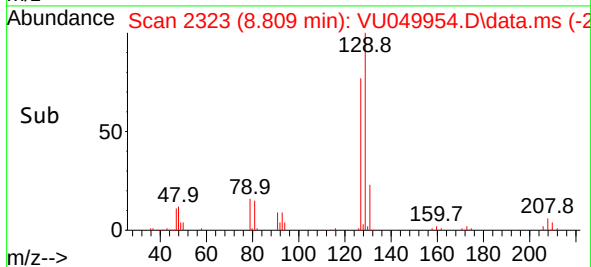
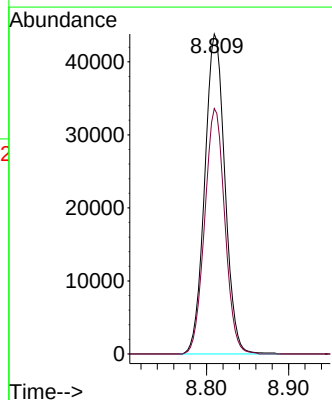
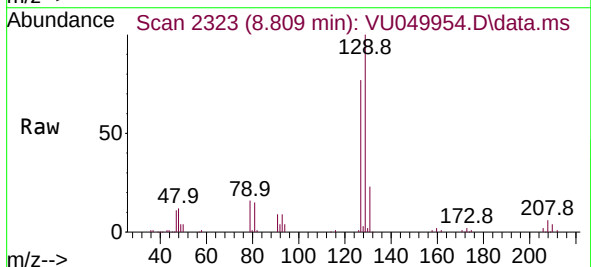
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

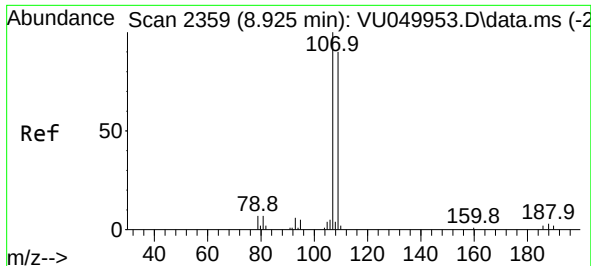
Tgt Ion:	43	Resp:	416254
Ion	Ratio	Lower	Upper
43	100		
58	64.6	49.4	74.0
57	20.8	17.0	25.4
100	13.0	10.2	15.2



#49
Dibromochloromethane
Concen: 11.113 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion:	129	Resp:	75025
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.5	101.1





#50

1,2-Dibromoethane

Concen: 10.929 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010047

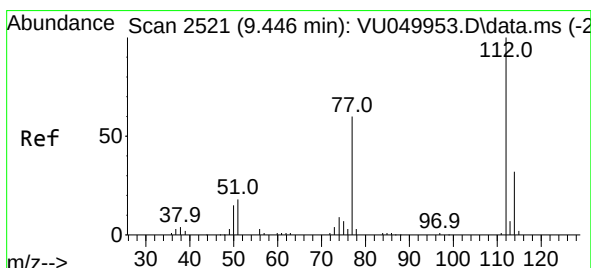
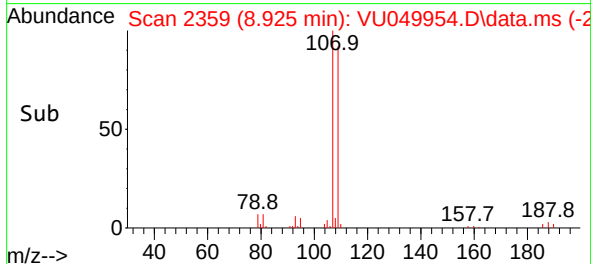
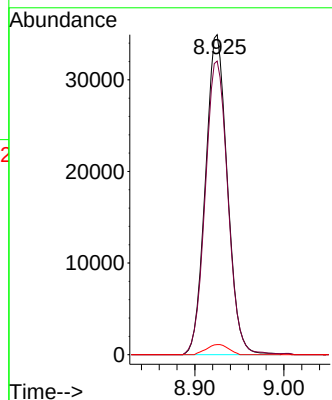
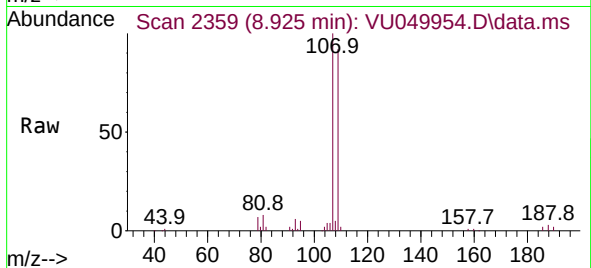
Tgt Ion:107 Resp: 59608

Ion Ratio Lower Upper

107 100

109 91.8 62.7 116.5

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 10.699 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

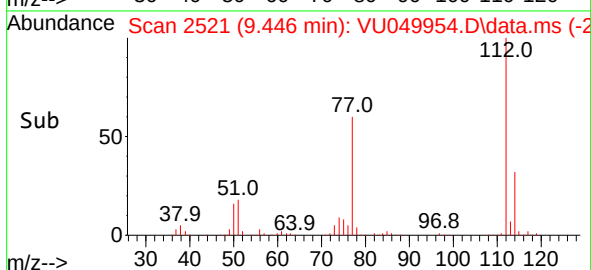
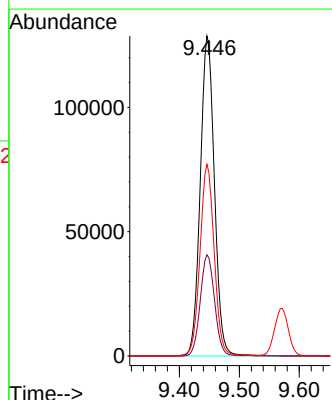
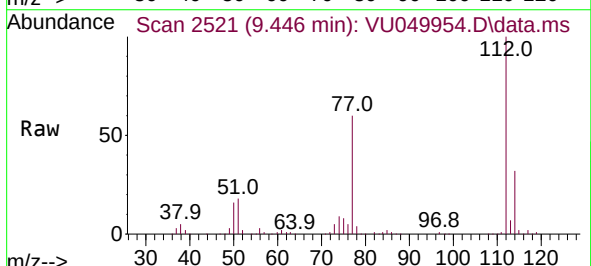
Tgt Ion:112 Resp: 212078

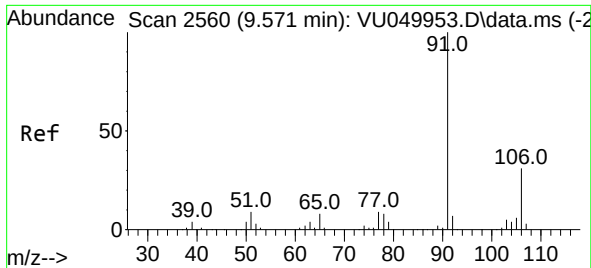
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 59.9 48.2 72.4

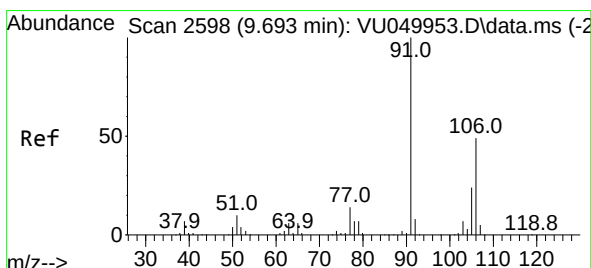
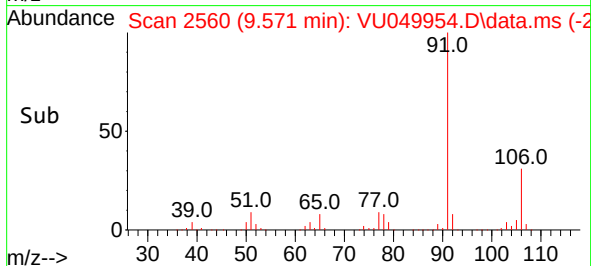
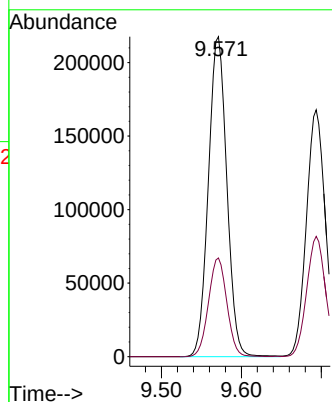
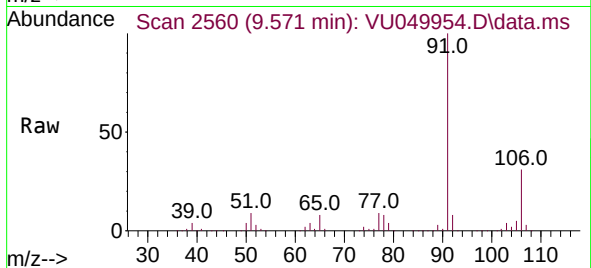




#52
Ethylbenzene
Concen: 10.088 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

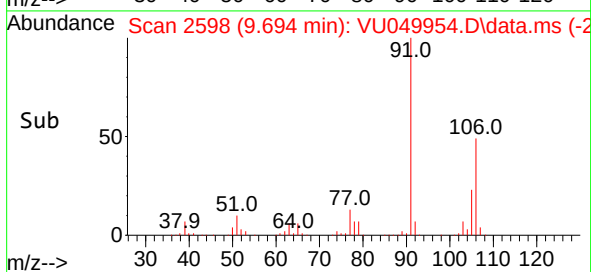
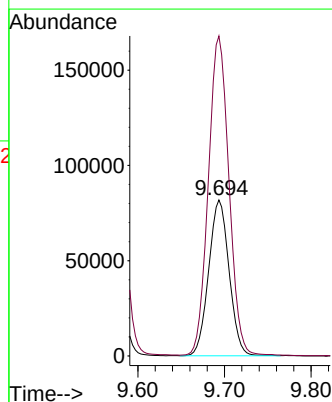
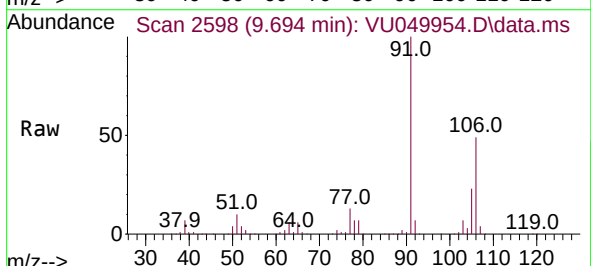
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

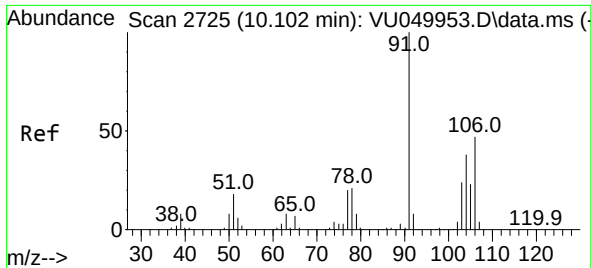
Tgt Ion: 91 Resp: 349433
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 10.392 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 106 Resp: 133933
Ion Ratio Lower Upper
106 100
91 205.2 142.4 264.4

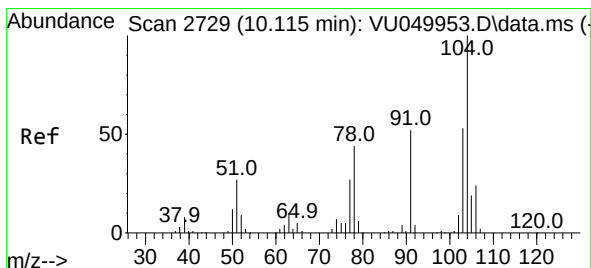
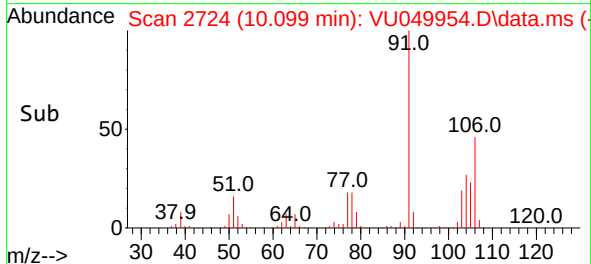
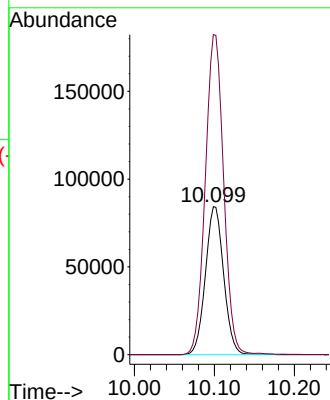
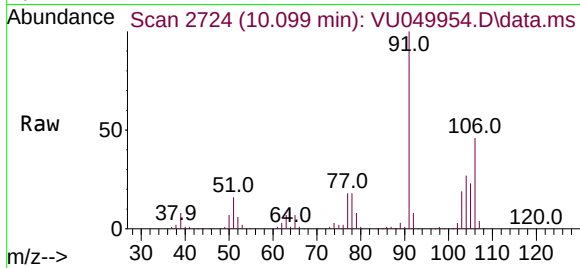




#54
o-Xylene
Concen: 10.462 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

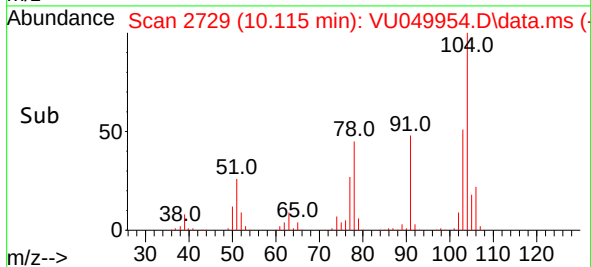
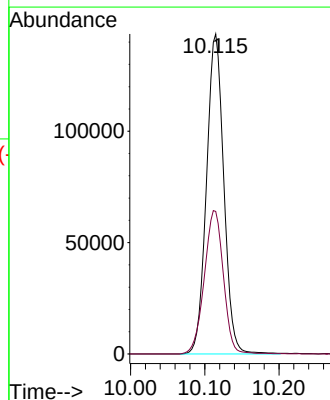
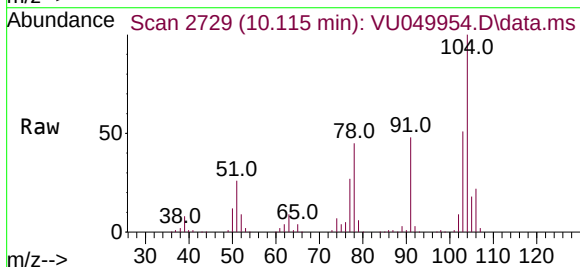
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

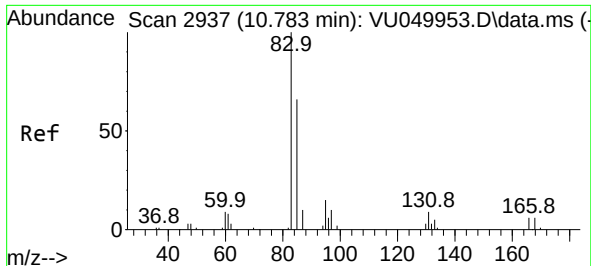
Tgt Ion:106 Resp: 133878
Ion Ratio Lower Upper
106 100
91 216.3 148.7 276.1



#55
Styrene
Concen: 10.785 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion:104 Resp: 231952
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 10.938 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010047

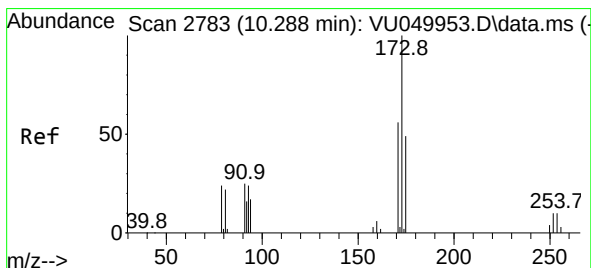
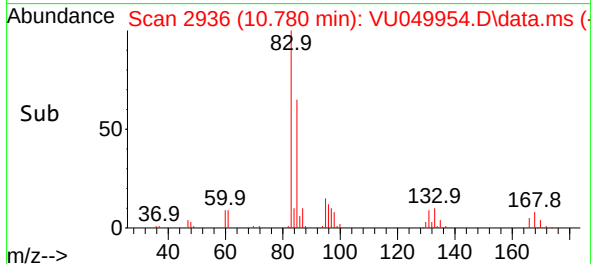
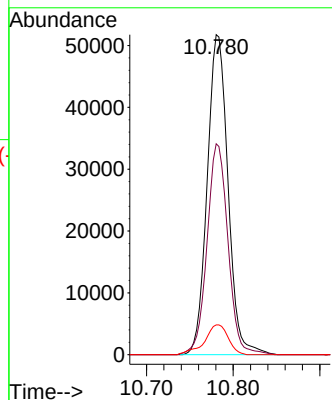
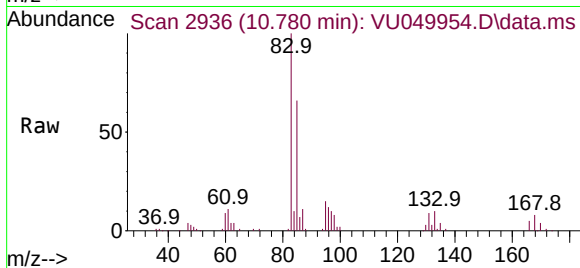
Tgt Ion: 83 Resp: 86450

Ion Ratio Lower Upper

83 100

85 65.9 46.6 86.6

131 9.3 7.9 11.9



#59

Bromoform

Concen: 11.080 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

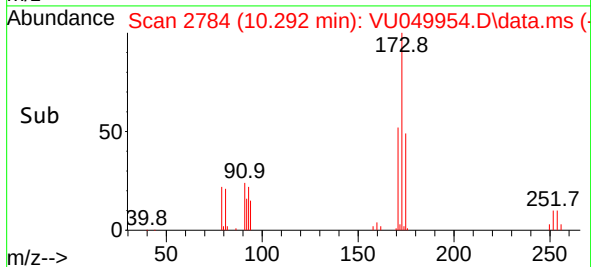
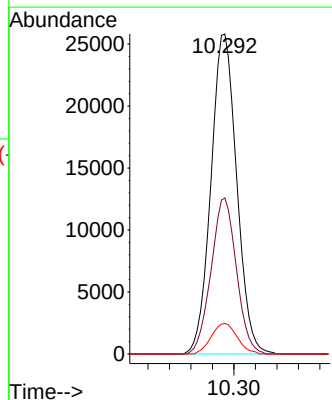
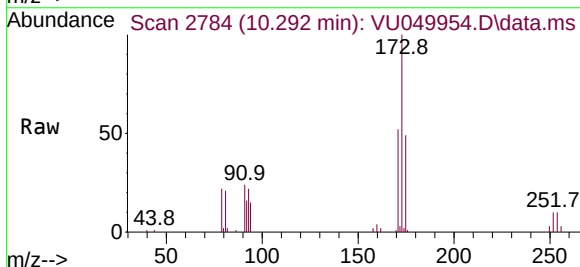
Tgt Ion:173 Resp: 42941

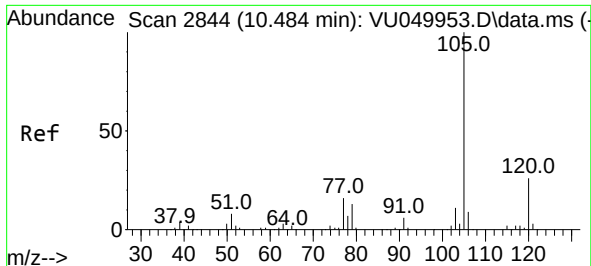
Ion Ratio Lower Upper

173 100

175 47.9 39.1 58.7

254 9.6 7.5 11.3

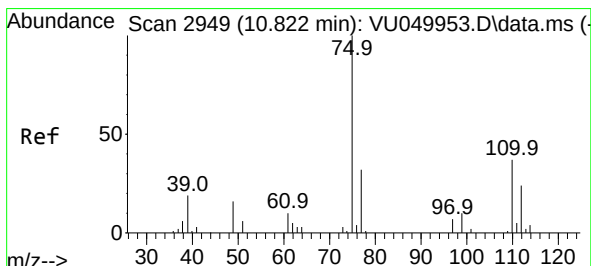
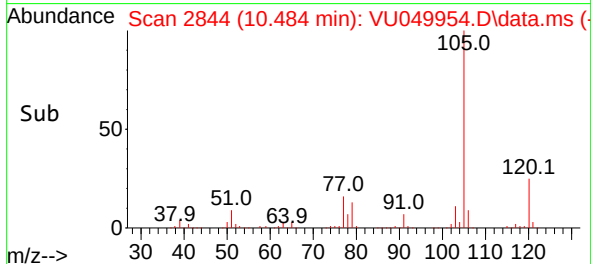
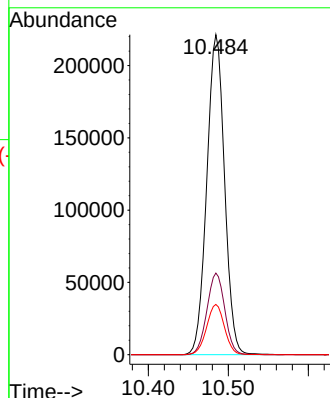
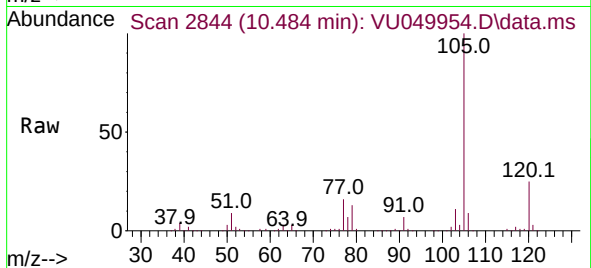




#60
Isopropylbenzene
Concen: 10.063 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

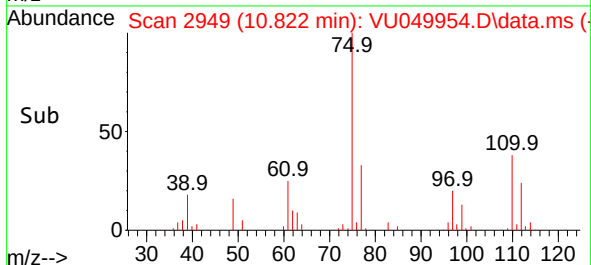
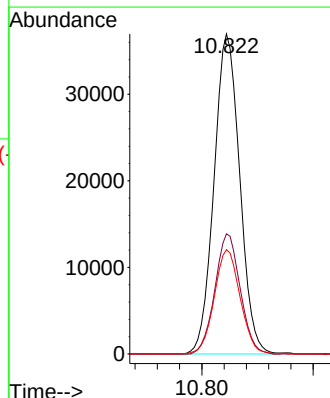
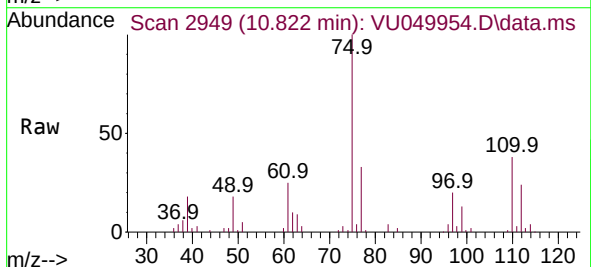
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

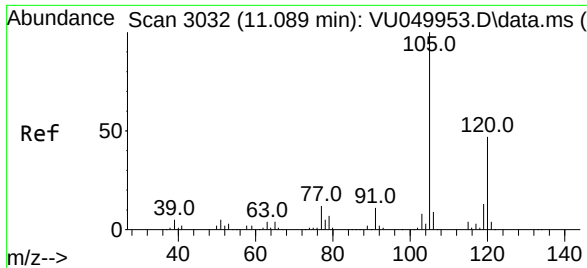
Tgt Ion:105 Resp: 342292
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 10.194 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion: 75 Resp: 59150
Ion Ratio Lower Upper
75 100
110 36.9 28.1 42.1
77 32.8 24.7 37.1

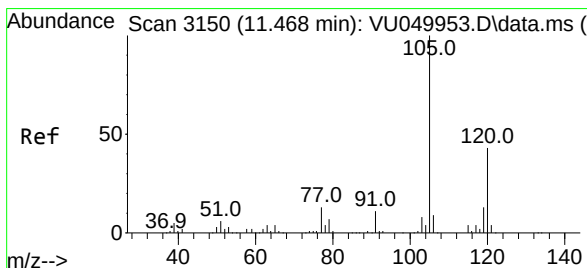
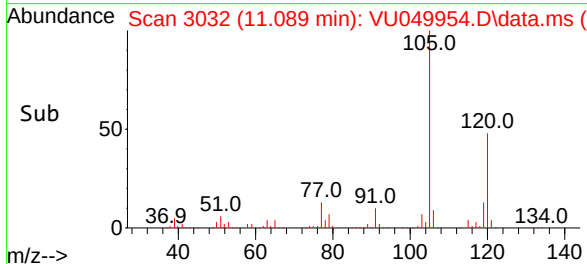
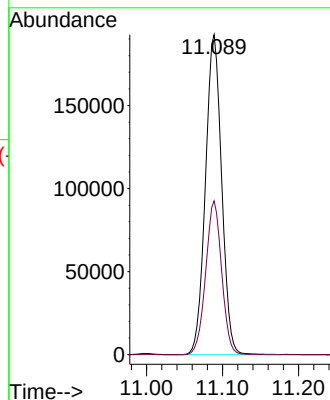
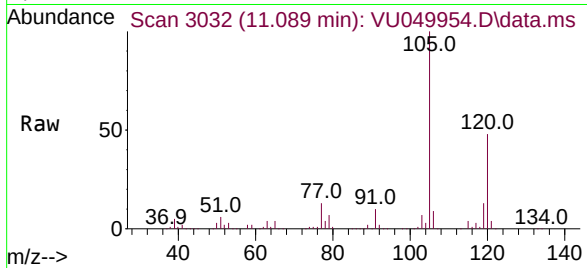




#62
 1,3,5-Trimethylbenzene
 Concen: 9.675 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

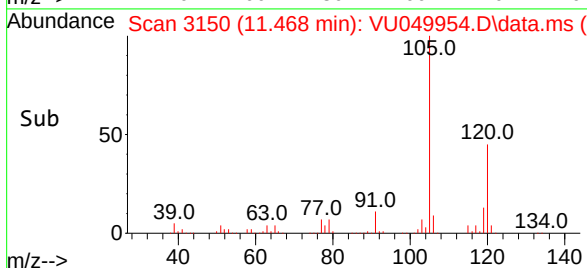
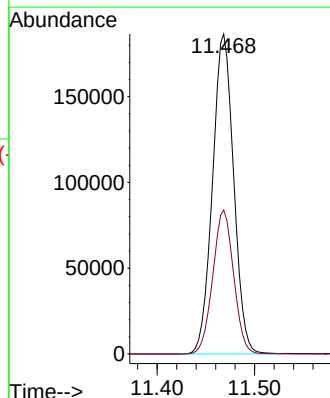
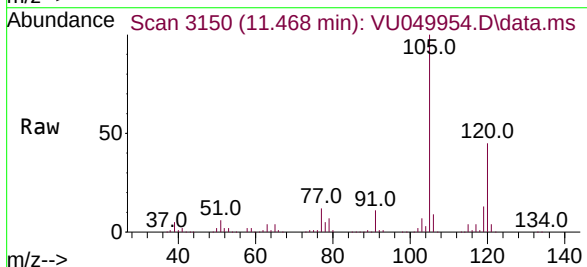
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010047

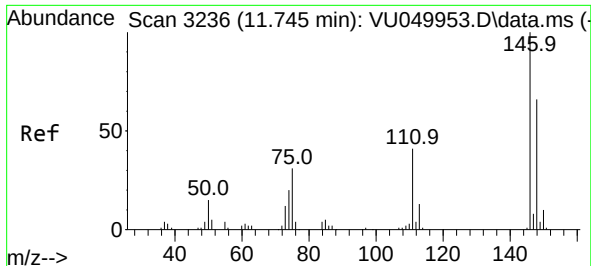
Tgt Ion:105 Resp: 285681
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 9.661 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049954.D
 Acq: 27 Jul 2022 17:15

Tgt Ion:105 Resp: 281303
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.2

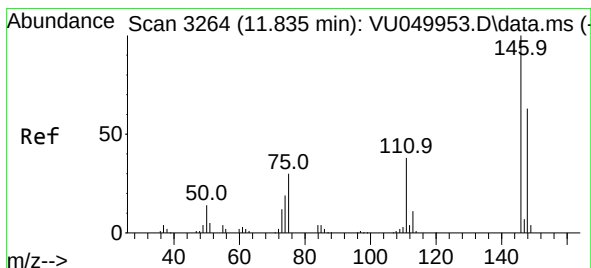
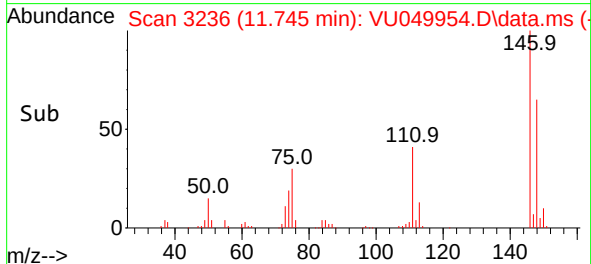
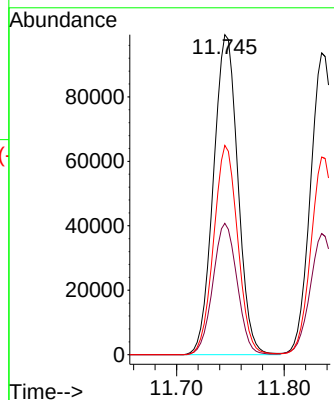
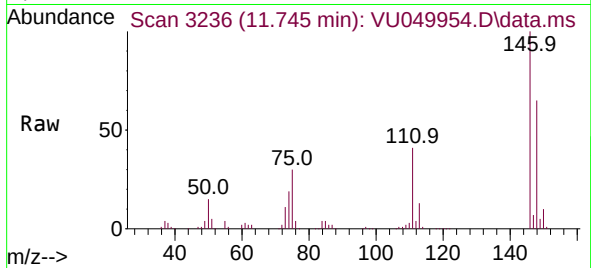




#64
1,3-Dichlorobenzene
Concen: 10.539 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

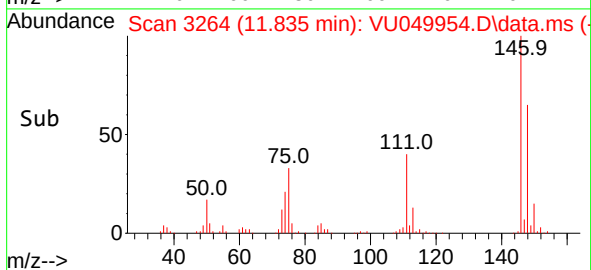
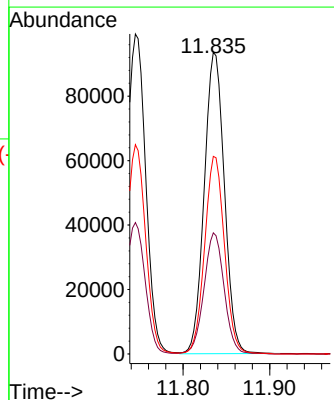
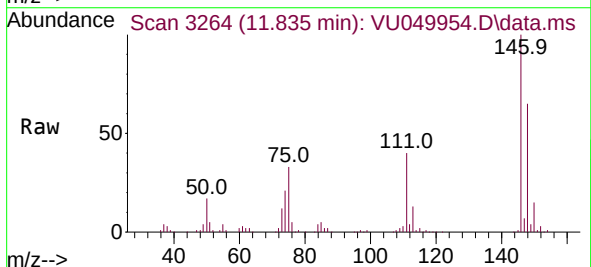
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

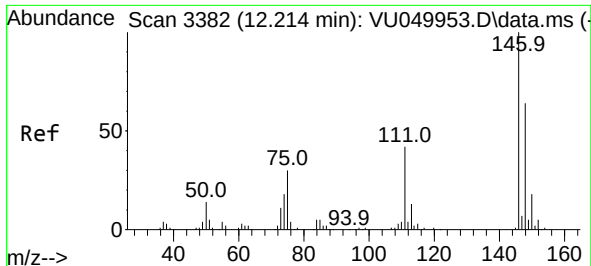
Tgt Ion:146 Resp: 157137
Ion Ratio Lower Upper
146 100
111 41.1 28.9 53.7
148 65.4 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 10.256 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion:146 Resp: 151094
Ion Ratio Lower Upper
146 100
111 40.2 26.4 49.0
148 65.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 10.737 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010047

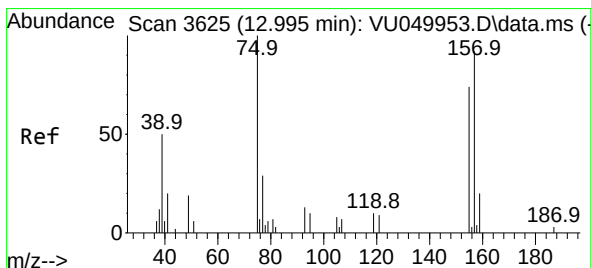
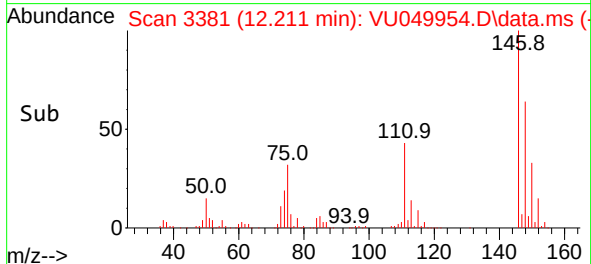
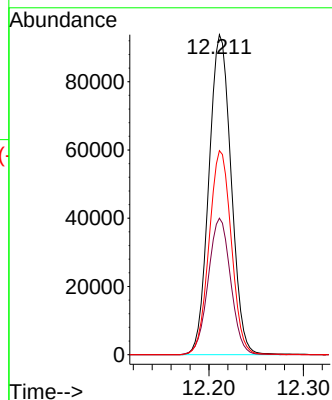
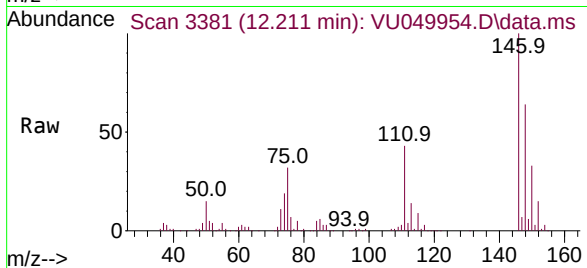
Tgt Ion:146 Resp: 153177

Ion Ratio Lower Upper

146 100

111 42.7 33.4 50.2

148 63.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 8.581 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049954.D

Acq: 27 Jul 2022 17:15

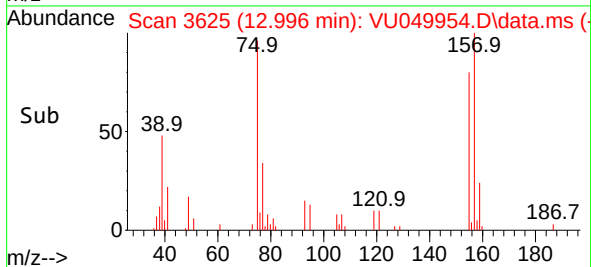
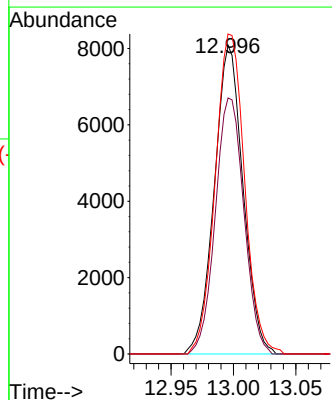
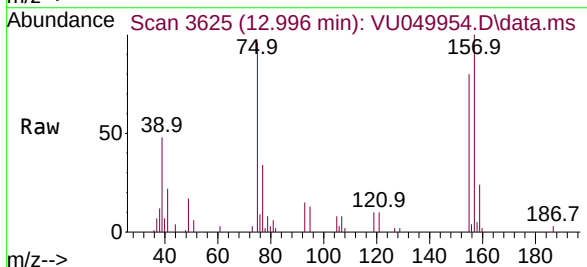
Tgt Ion: 75 Resp: 12980

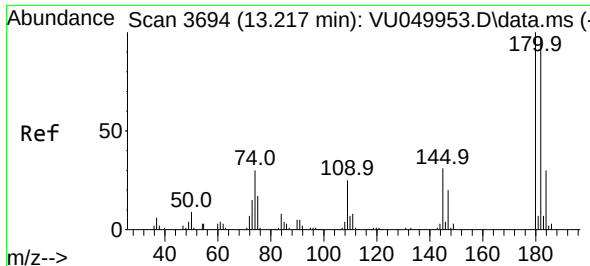
Ion Ratio Lower Upper

75 100

155 83.0 59.4 89.0

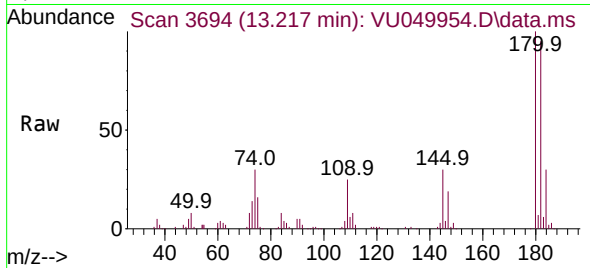
157 103.7 73.8 110.6



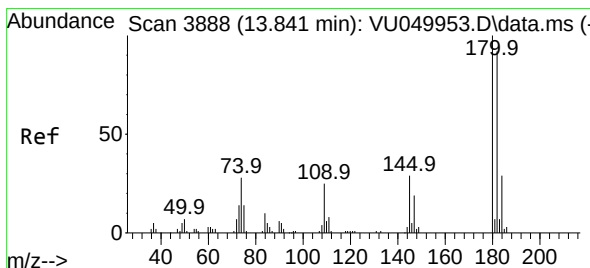
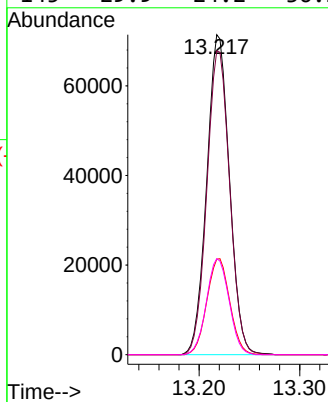
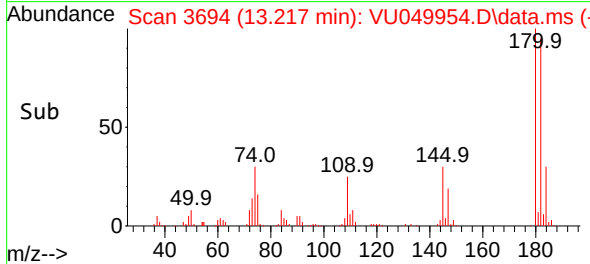


#69
1,3,5-Trichlorobenzene
Concen: 10.200 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

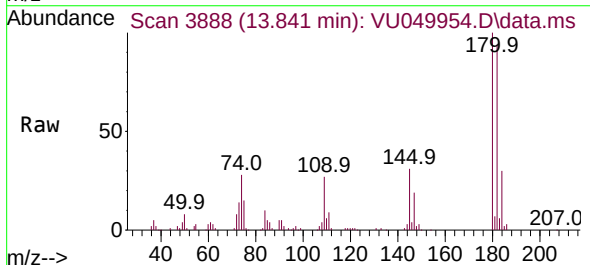
Instrument :
MSVOA_U
ClientSampleId :
VSTD010047



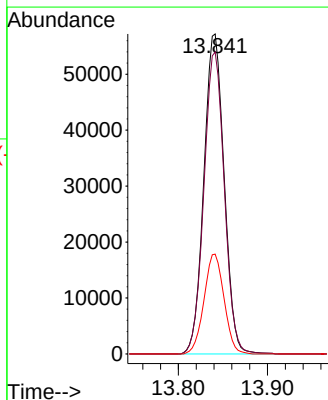
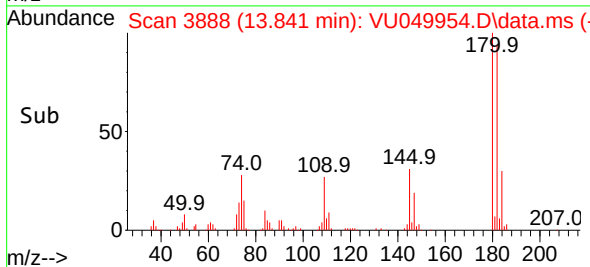
Tgt Ion:180 Resp: 111996
Ion Ratio Lower Upper
180 100
182 95.4 77.2 115.8
184 30.3 23.9 35.9
145 29.9 24.2 36.2

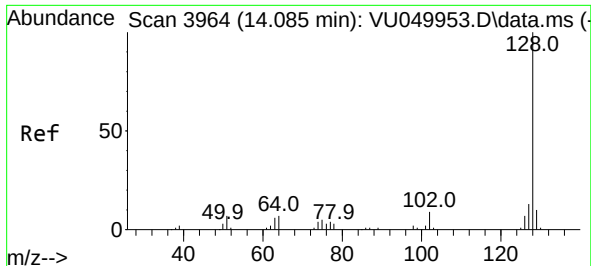


#70
1,2,4-trichlorobenzene
Concen: 10.364 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15



Tgt Ion:180 Resp: 90520
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.6
145 30.8 23.8 35.8

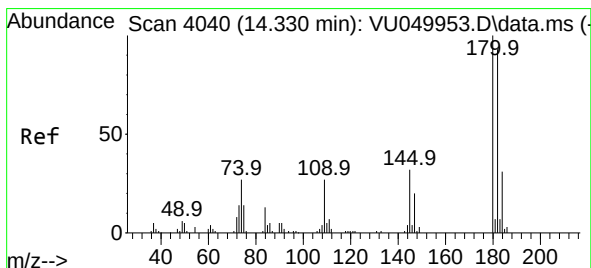
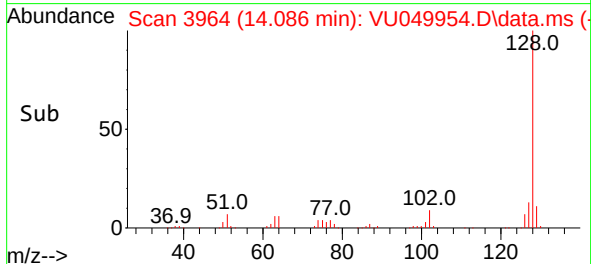
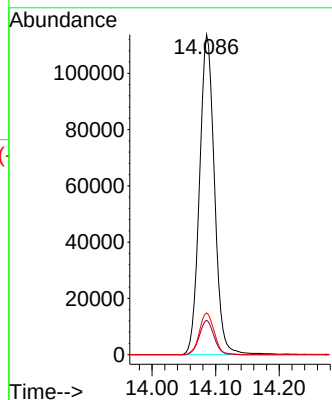
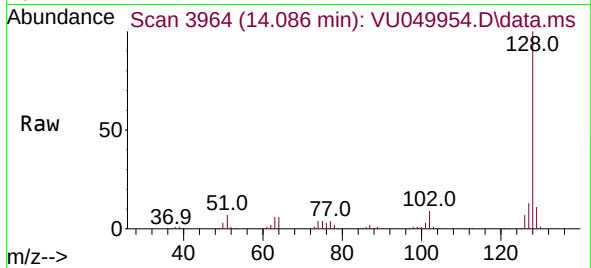




#71
Naphthalene
Concen: 10.771 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010047

Tgt Ion:128 Resp: 185677
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 11.097 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049954.D
Acq: 27 Jul 2022 17:15

Tgt Ion:180 Resp: 92100
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 32.3 26.3 39.5

