

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049394.D
 Acq On : 24 Jun 2022 17:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Jun 25 00:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	119613	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	38964	3.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.912	69	31991	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	16794	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.639	46	133647	47.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	5.063	84	84680	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.700	65	47747	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	158614	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	57726	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	143562	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	21721	3.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.639	63	106076	47.710	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46812	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	56925	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43318	4.242	ug/L	100
3) Chloromethane	1.520	50	64557	5.759	ug/L	99
5) Vinyl chloride	1.600	62	49195	4.892	ug/L	97
6) Bromomethane	1.854	94	19666	3.554	ug/L	97
8) Chloroethane	1.932	64	29388	5.049	ug/L	99
9) Trichlorofluoromethane	2.137	101	60186	5.158	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	33924	4.910	ug/L	99
12) 1,1-Dichloroethene	2.578	96	33854	5.033	ug/L	94
13) Acetone	2.652	43	63645	46.081	ug/L	93
14) Carbon disulfide	2.790	76	101496	4.569	ug/L	99
15) Methyl Acetate	2.961	43	23369	6.326	ug/L	93
16) Methylene chloride	3.044	84	58701	6.634	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	105371	5.180	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	39244	5.266	ug/L	97
19) 1,1-Dichloroethane	3.870	63	82670	5.626	ug/L	99
21) 2-Butanone	4.719	43	117792	44.726	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	46908	5.628	ug/L	97
23) Bromochloromethane	4.973	128	17128	4.801	ug/L	86
25) Chloroform	5.089	83	79944	5.421	ug/L	99

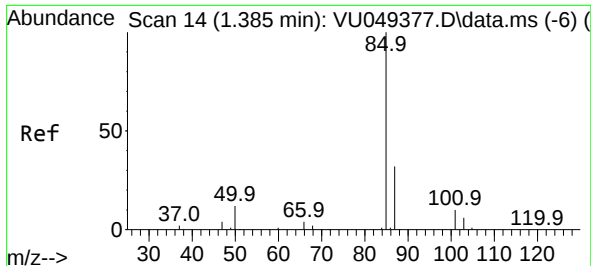
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	56120	5.777	ug/L #	92
29) 1,1,1-Trichloroethane	5.314	97	68566	4.729	ug/L	98
30) Cyclohexane	5.385	56	56378	3.421	ug/L	99
31) Carbon tetrachloride	5.520	117	54226	4.466	ug/L	98
33) Benzene	5.771	78	159637	4.421	ug/L	100
34) Trichloroethene	6.536	95	42451	4.600	ug/L	94
35) Methylcyclohexane	6.755	83	57171	3.694	ug/L	98
37) 1,2-Dichloropropane	6.787	63	50564	5.097	ug/L	99
38) Bromodichloromethane	7.105	83	61547	5.075	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	68841	4.565	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	340593	46.210	ug/L	98
42) Toluene	7.967	91	182734	4.773	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	57003	4.352	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33153	4.794	ug/L	98
47) Tetrachloroethene	8.552	164	29652	4.659	ug/L	92
48) 2-Hexanone	8.690	43	238241	45.286	ug/L	99
49) Dibromochloromethane	8.812	129	39673	5.028	ug/L	99
50) 1,2-Dibromoethane	8.925	107	31459	4.907	ug/L	99
51) Chlorobenzene	9.446	112	113169	4.854	ug/L	99
52) Ethylbenzene	9.571	91	190157	4.547	ug/L	100
53) m,p-Xylene	9.693	106	71455	4.598	ug/L	99
54) o-Xylene	10.099	106	71317	4.629	ug/L	96
55) Styrene	10.115	104	122752	4.757	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	44402	4.851	ug/L	100
59) Bromoform	10.291	173	21244	4.332	ug/L	99
60) Isopropylbenzene	10.484	105	183031	4.115	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31198	4.259	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	158549	4.039	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	157397	4.047	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	90024	4.730	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	91391	4.858	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	88674	4.896	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	7071	3.542	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.217	180	67073	4.699	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57226	5.044	ug/L	99
71) Naphthalene	14.085	128	99694	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52947	4.963	ug/L	97

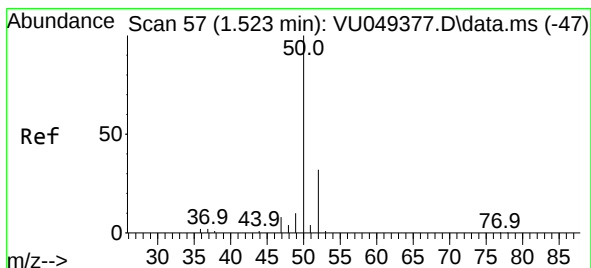
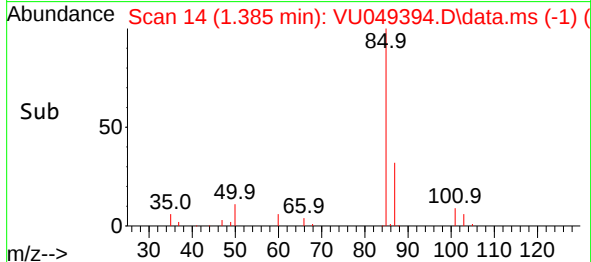
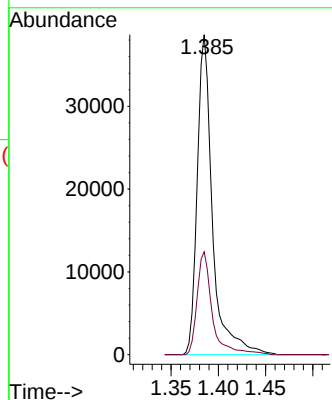
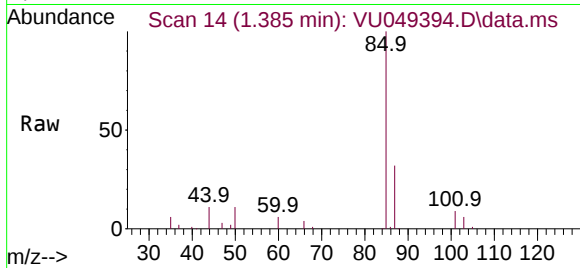
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.242 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

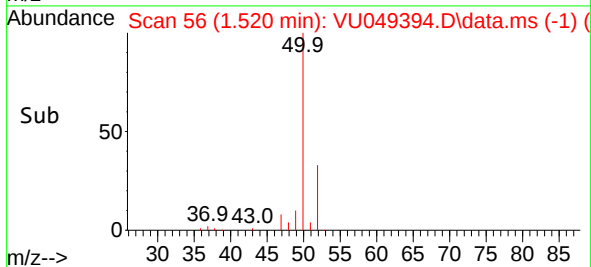
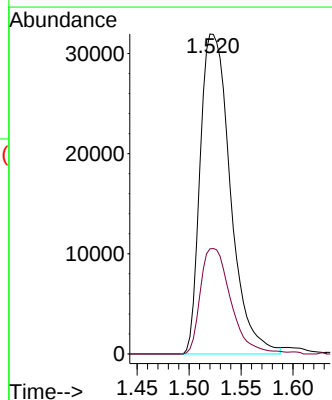
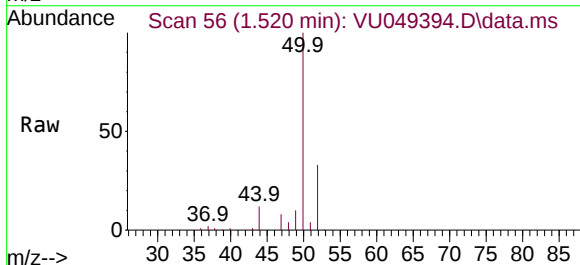
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

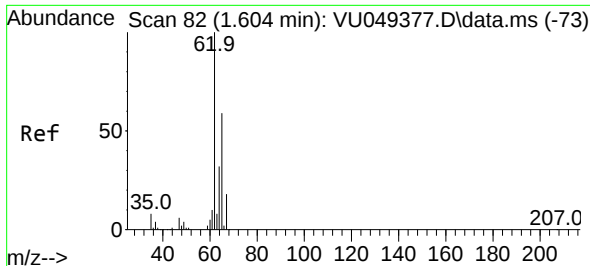
Tgt Ion: 85 Resp: 43318
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 5.759 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 50 Resp: 64557
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

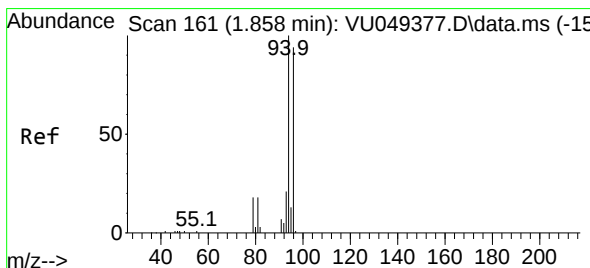
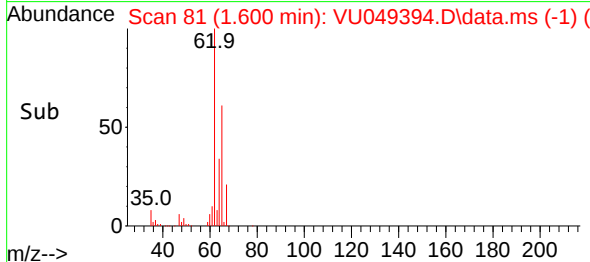
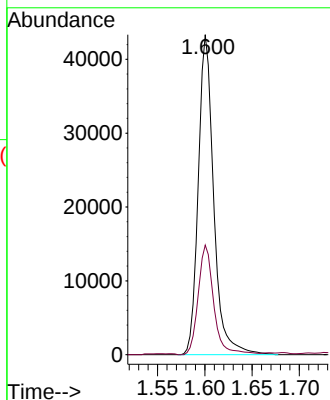
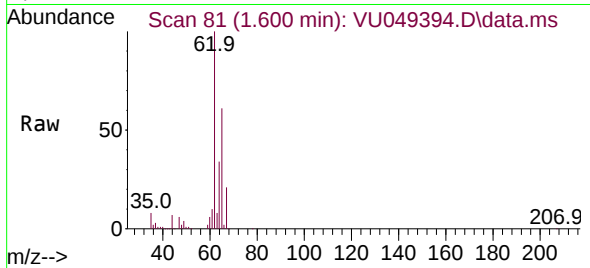




#5
 Vinyl chloride
 Concen: 4.892 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

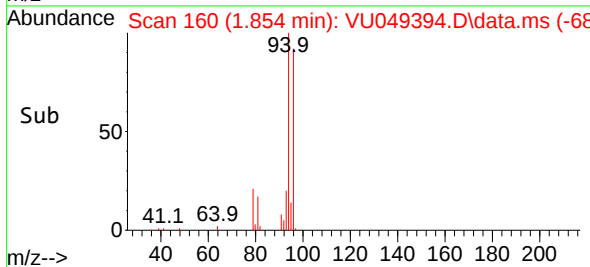
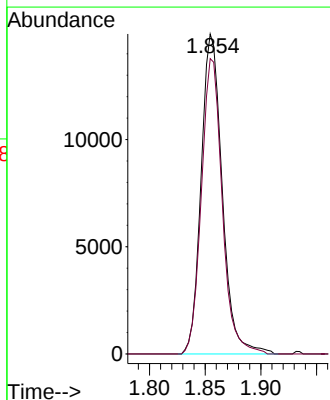
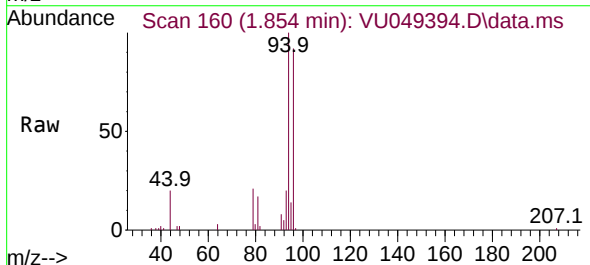
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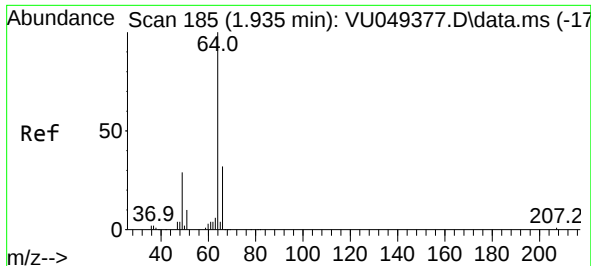
Tgt Ion: 62 Resp: 49195
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.8 42.4



#6
 Bromomethane
 Concen: 3.554 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

Tgt Ion: 94 Resp: 19666
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.4 123.4

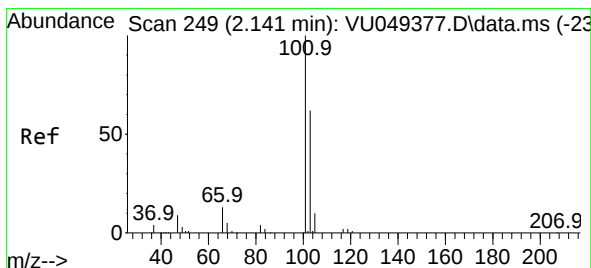
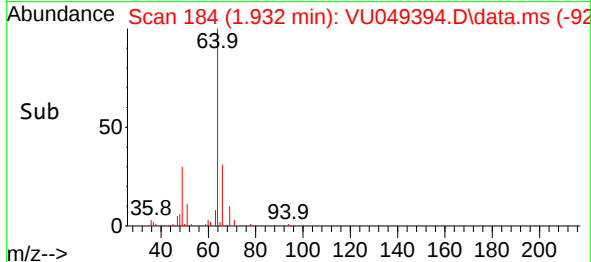
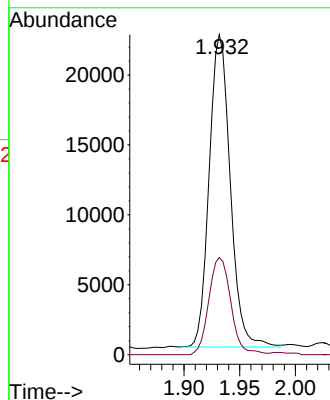
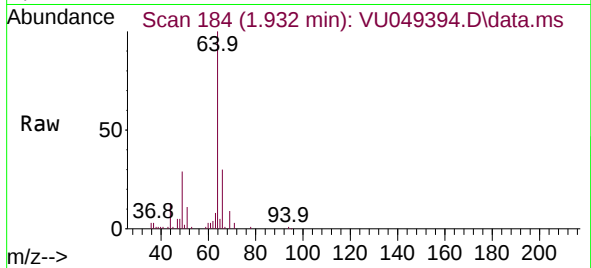




#8
Chloroethane
Concen: 5.049 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

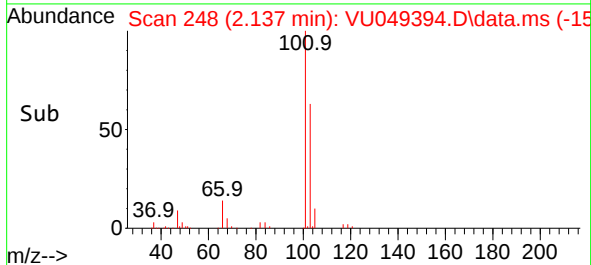
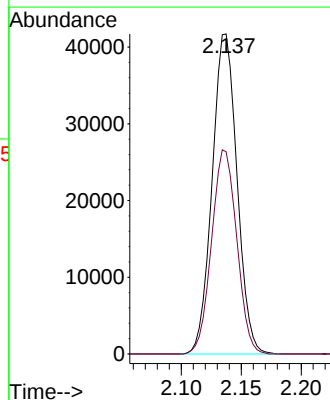
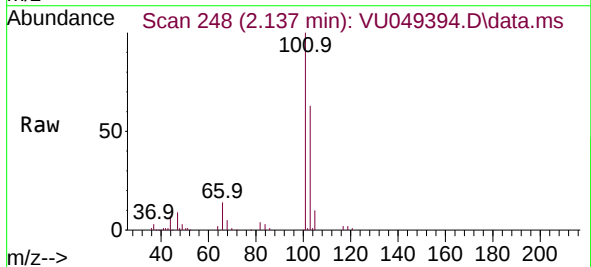
Instrument :
MSVOA_U
ClientSampleId :
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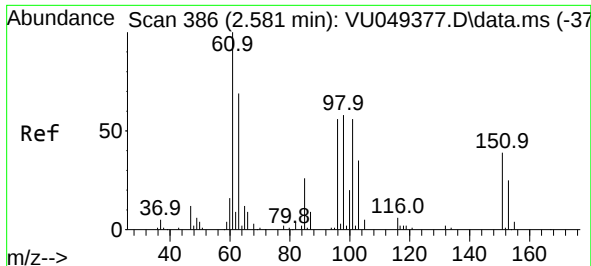
Tgt Ion: 64 Resp: 29388
Ion Ratio Lower Upper
64 100
66 30.4 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.158 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 101 Resp: 60186
Ion Ratio Lower Upper
101 100
103 64.5 53.5 80.3

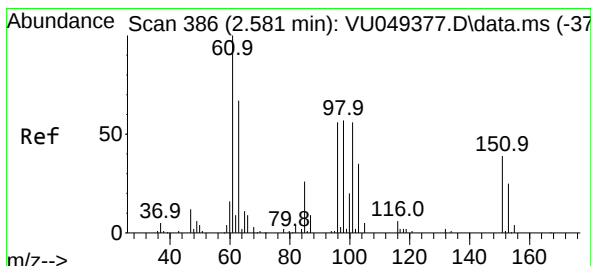
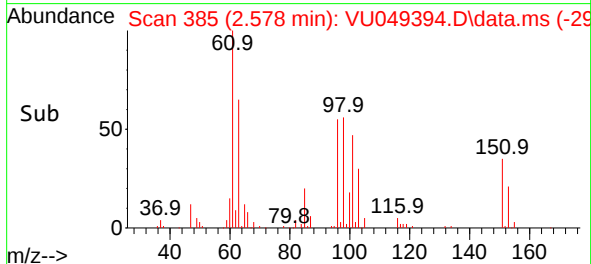
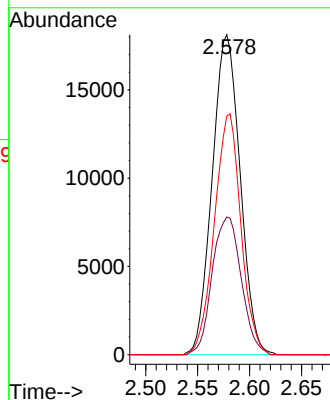
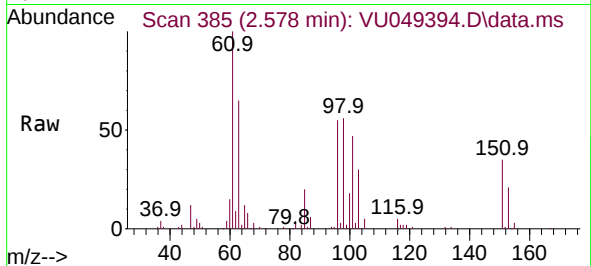




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.910 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

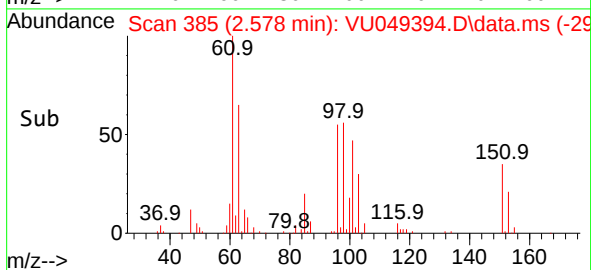
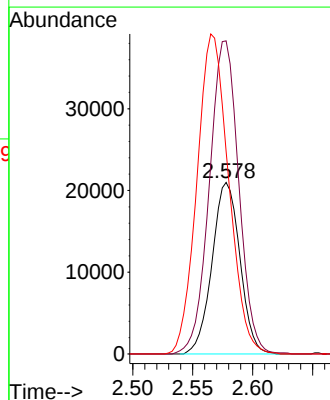
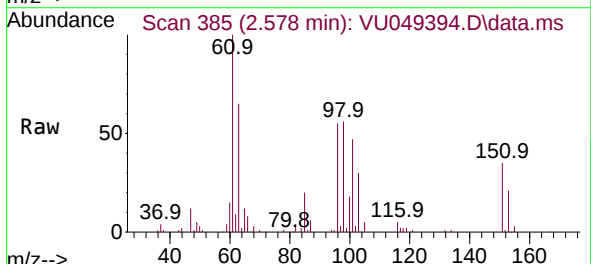
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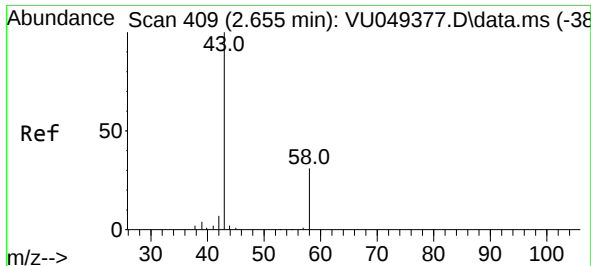
Tgt Ion:101 Resp: 33924
Ion Ratio Lower Upper
101 100
85 44.7 36.1 54.1
151 71.4 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.033 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 96 Resp: 33854
Ion Ratio Lower Upper
96 100
61 182.5 127.2 236.2
63 118.1 94.7 175.9





#13

Acetone

Concen: 46.081 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

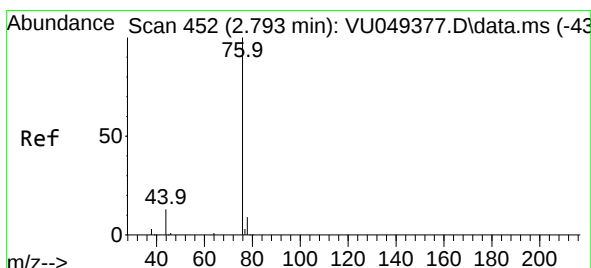
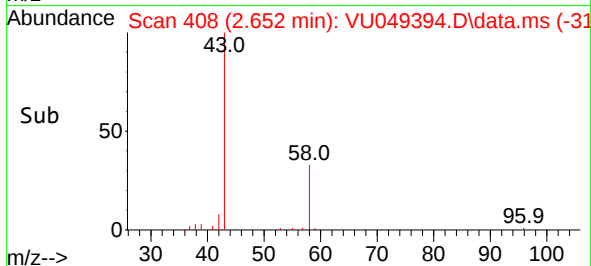
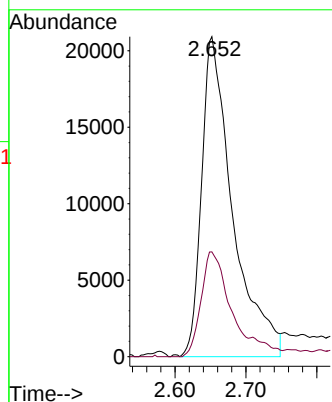
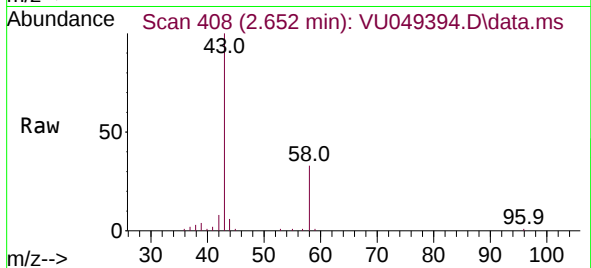
VSTD005125

Tgt Ion: 43 Resp: 63645

Ion Ratio Lower Upper

43 100

58 29.1 0.0 65.8



#14

Carbon disulfide

Concen: 4.569 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU049394.D

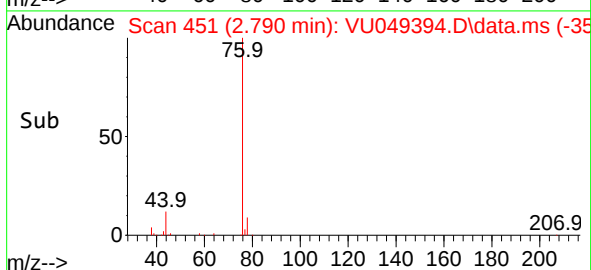
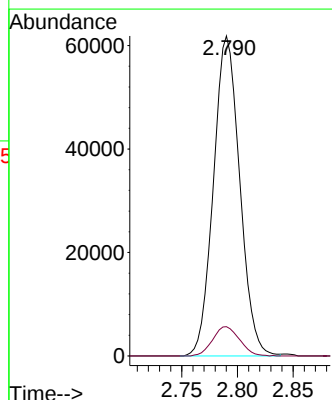
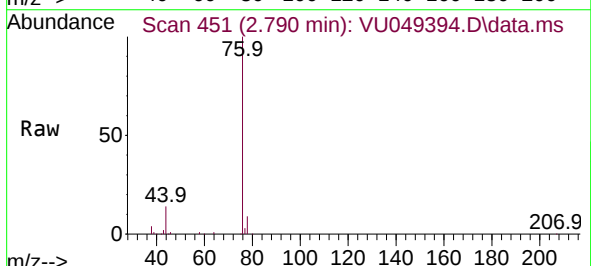
Acq: 24 Jun 2022 17:52

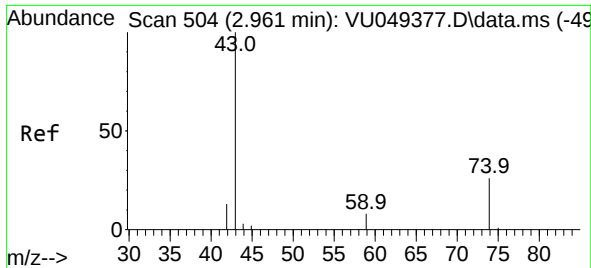
Tgt Ion: 76 Resp: 101496

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

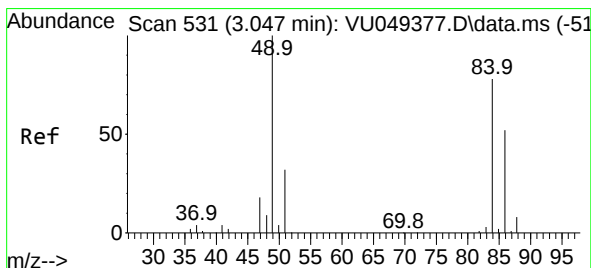
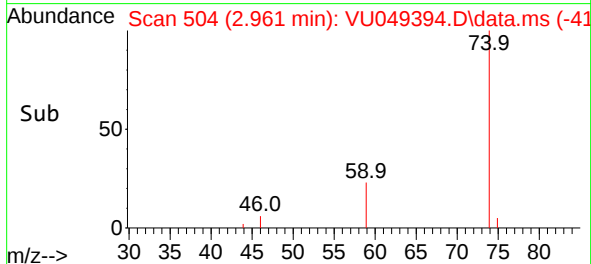
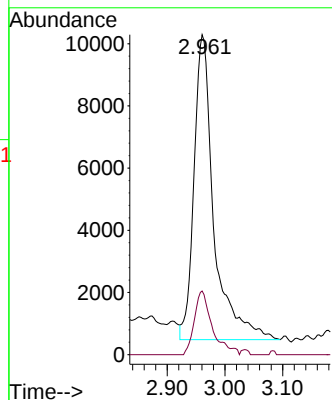
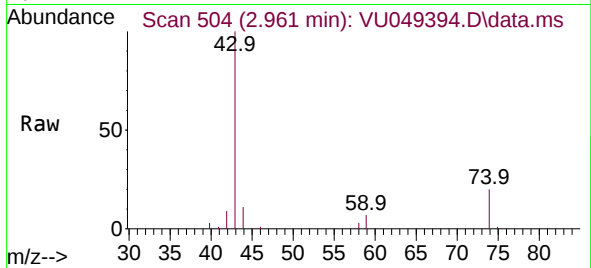




#15
Methyl Acetate
Concen: 6.326 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

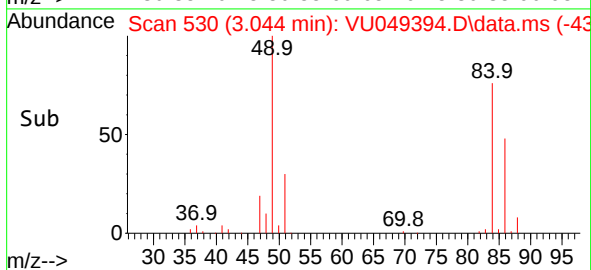
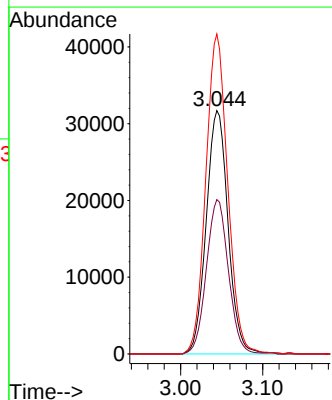
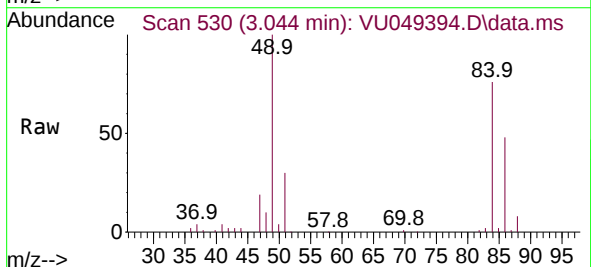
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

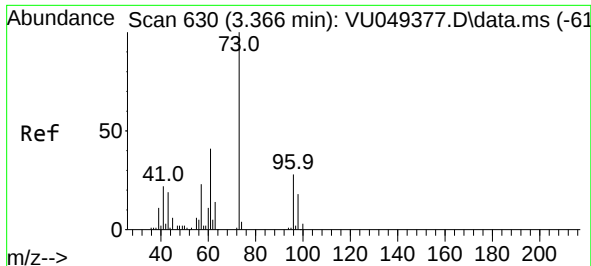
Tgt Ion: 43 Resp: 23369
Ion Ratio Lower Upper
43 100
74 18.8 17.6 26.4



#16
Methylene chloride
Concen: 6.634 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 84 Resp: 58701
Ion Ratio Lower Upper
84 100
86 63.4 43.6 81.0
49 131.5 90.2 167.6

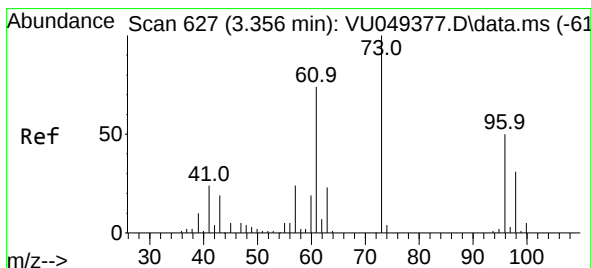
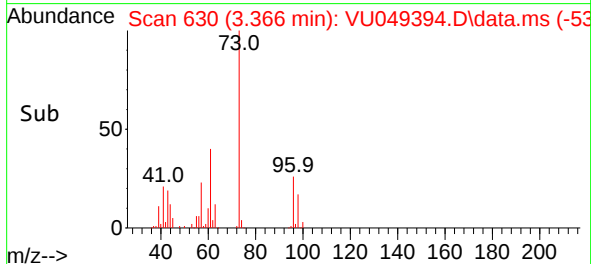
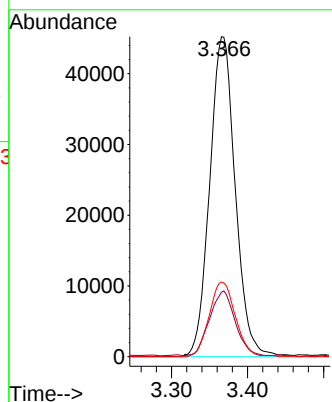
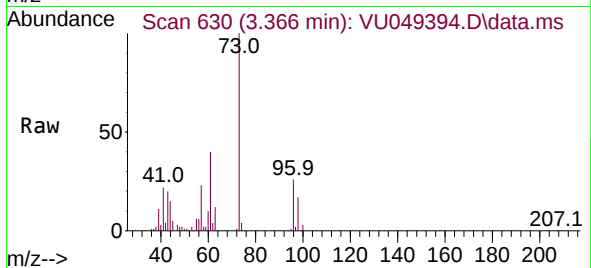




#17
Methyl tert-butyl Ether
Concen: 5.180 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

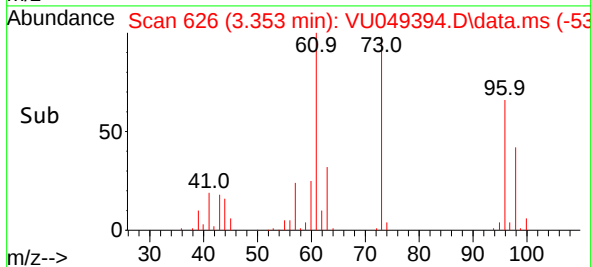
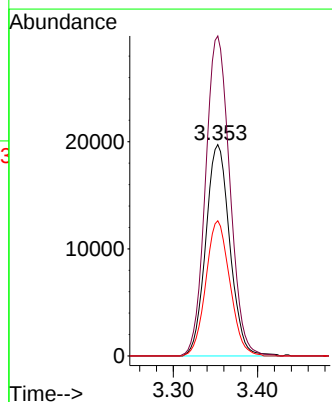
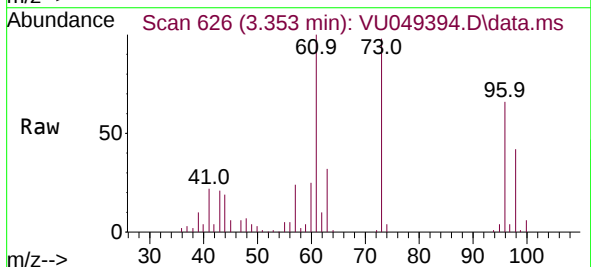
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

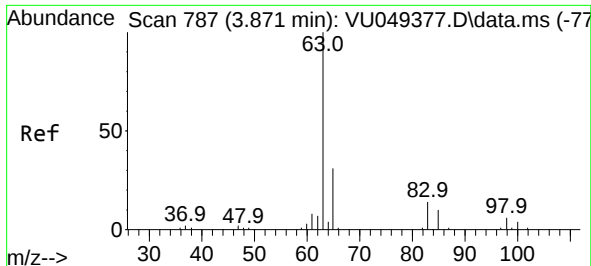
Tgt Ion: 73 Resp: 105371
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7
57 23.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.266 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 96 Resp: 39244
Ion Ratio Lower Upper
96 100
61 151.4 103.3 191.9
98 64.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.626 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005125

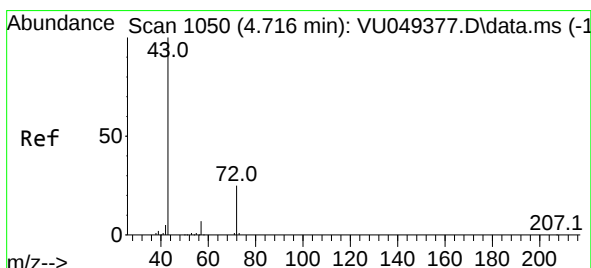
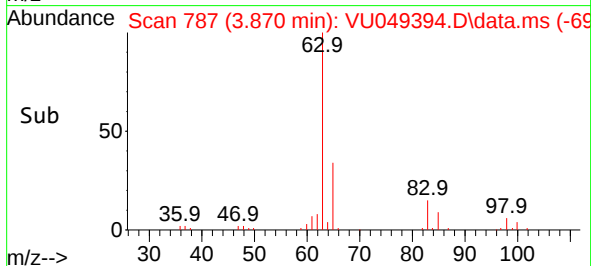
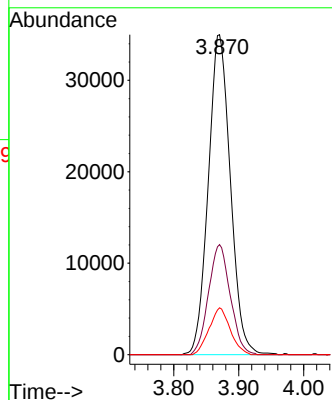
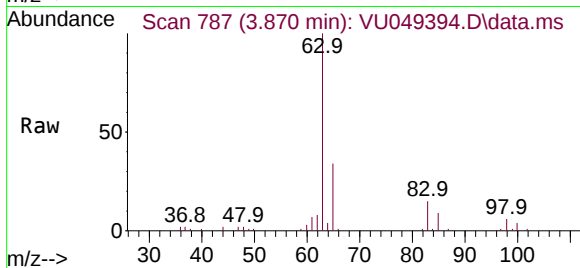
Tgt Ion: 63 Resp: 82670

Ion Ratio Lower Upper

63 100

65 34.4 24.0 44.6

83 14.7 9.1 16.9



#21

2-Butanone

Concen: 44.726 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU049394.D

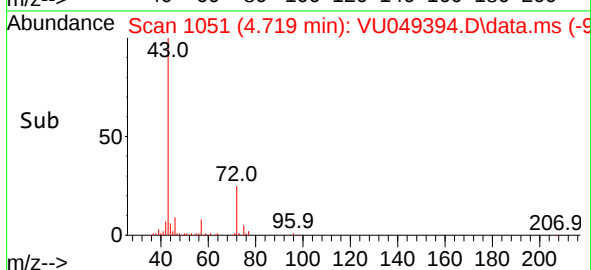
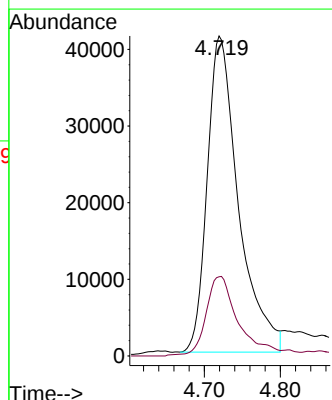
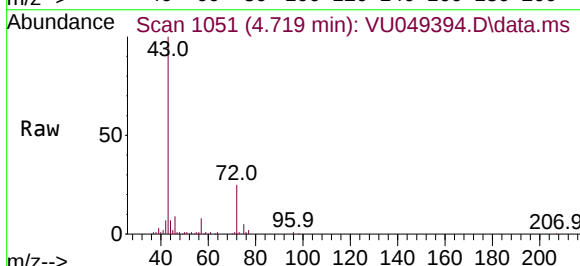
Acq: 24 Jun 2022 17:52

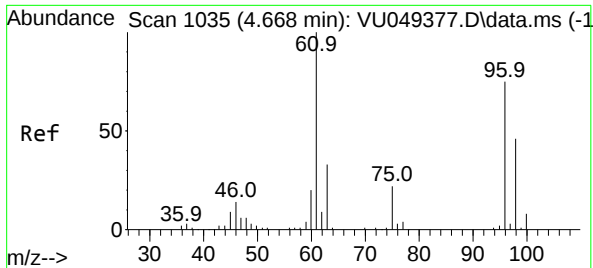
Tgt Ion: 43 Resp: 117792

Ion Ratio Lower Upper

43 100

72 25.9 12.2 36.6

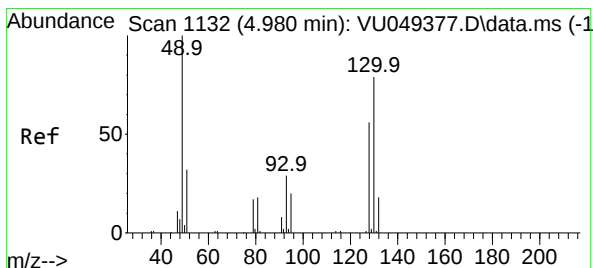
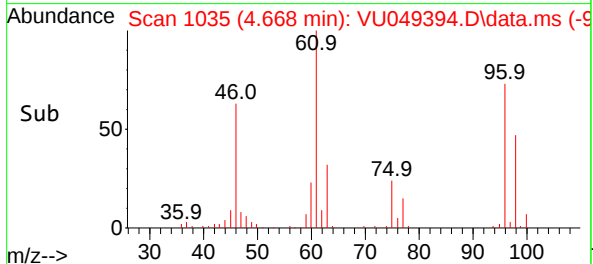
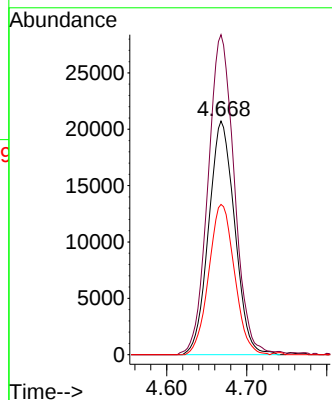
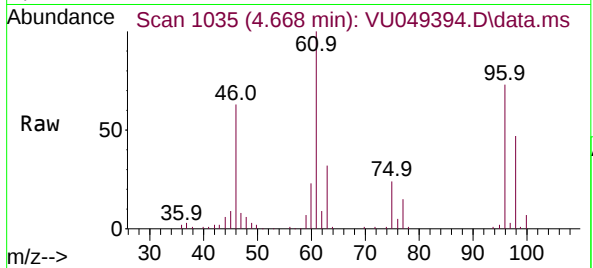




#22
 cis-1,2-Dichloroethene
 Concen: 5.628 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

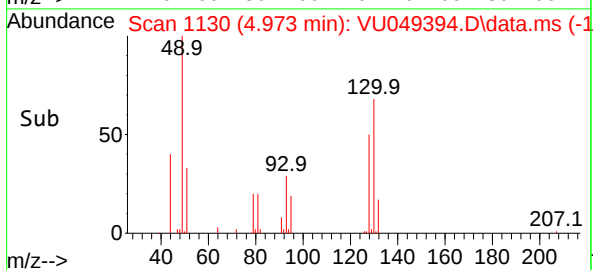
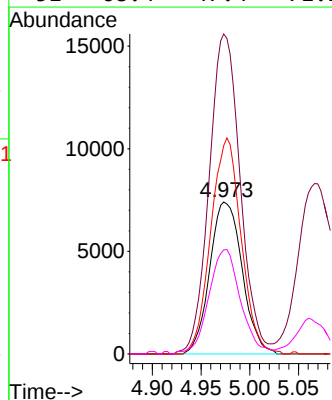
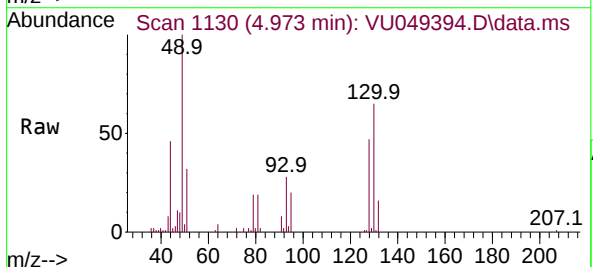
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

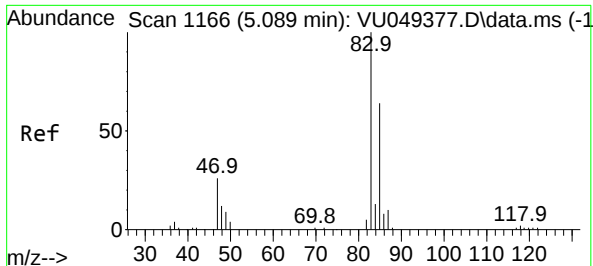
Tgt Ion:	96	Resp:	46908
Ion	Ratio	Lower	Upper
96	100		
61	137.0	99.5	184.9
98	64.3	44.8	83.2



#23
 Bromochloromethane
 Concen: 4.801 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.007 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

Tgt Ion:	128	Resp:	17128
Ion	Ratio	Lower	Upper
128	100		
49	210.6	131.6	244.4
130	137.1	86.9	161.5
51	68.4	47.4	71.2





#25

Chloroform

Concen: 5.421 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

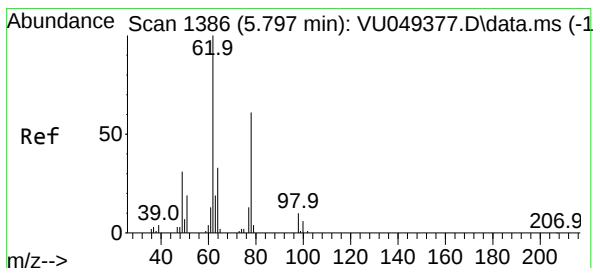
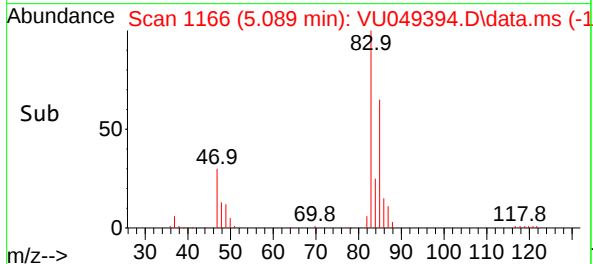
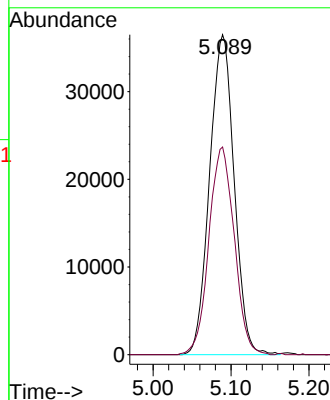
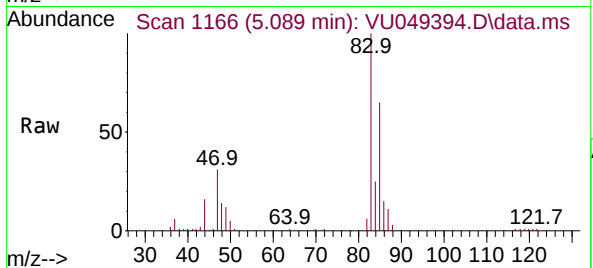
VSTD005125

Tgt Ion: 83 Resp: 79944

Ion Ratio Lower Upper

83 100

85 64.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.777 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049394.D

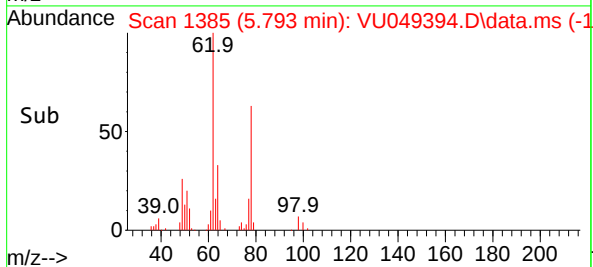
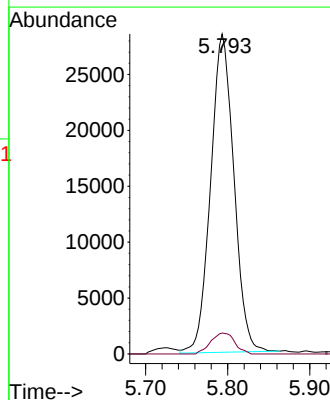
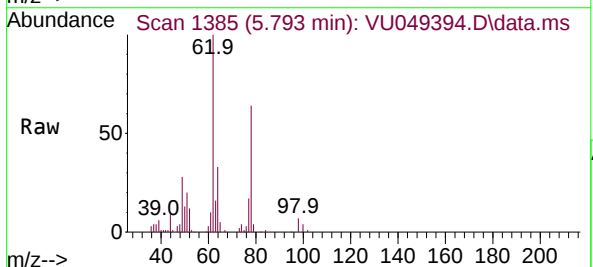
Acq: 24 Jun 2022 17:52

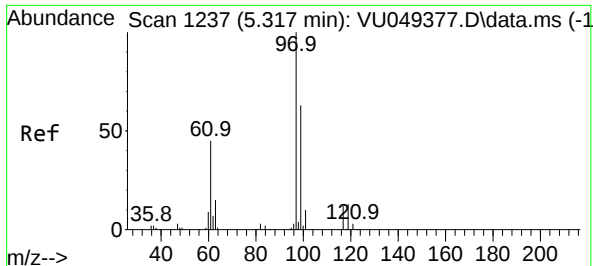
Tgt Ion: 62 Resp: 56120

Ion Ratio Lower Upper

62 100

98 6.6 7.6 11.4#





#29

1,1,1-Trichloroethane

Concen: 4.729 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005125

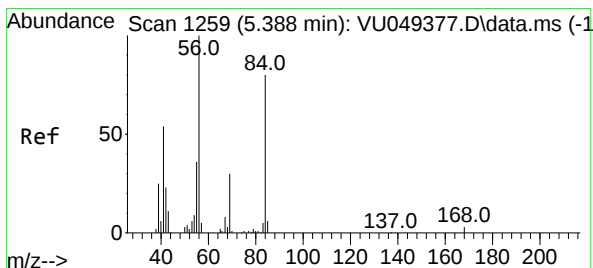
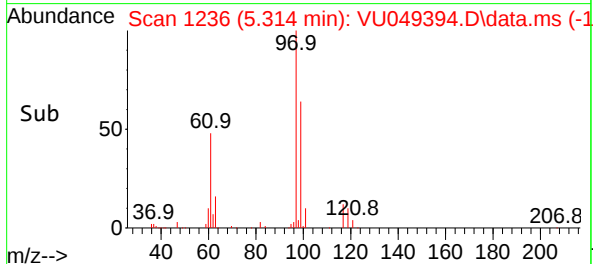
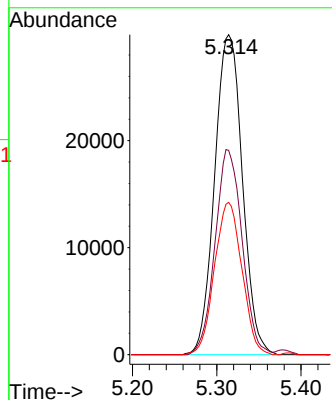
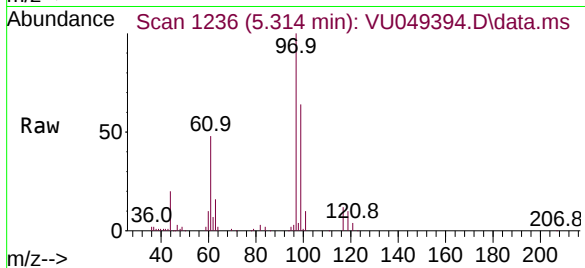
Tgt Ion: 97 Resp: 68566

Ion Ratio Lower Upper

97 100

99 62.3 51.0 76.4

61 46.9 36.2 54.4



#30

Cyclohexane

Concen: 3.421 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

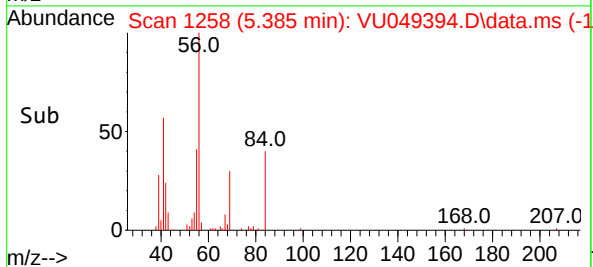
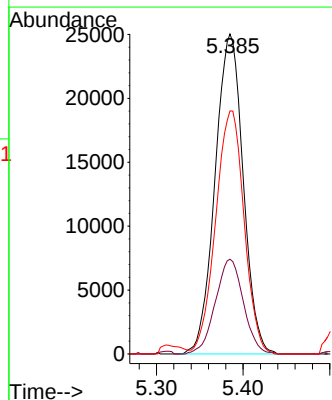
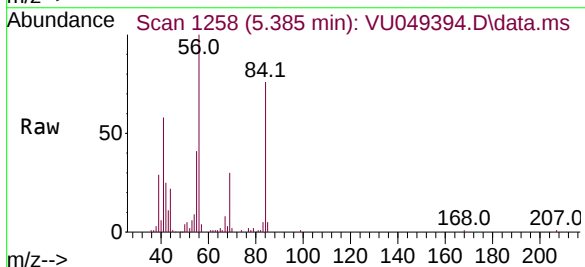
Tgt Ion: 56 Resp: 56378

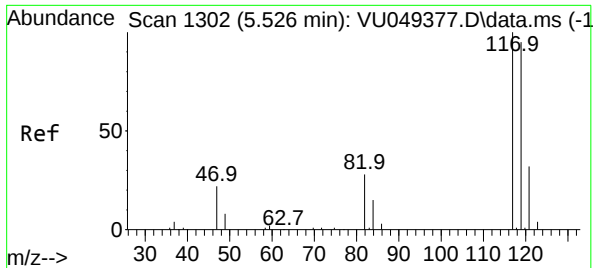
Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 77.1 61.2 91.8

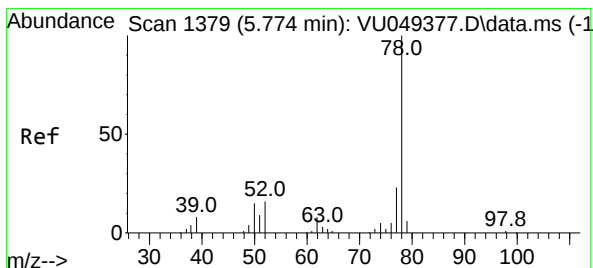
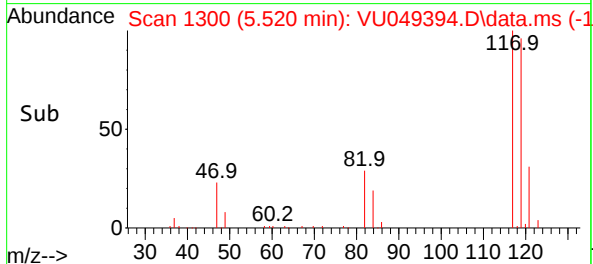
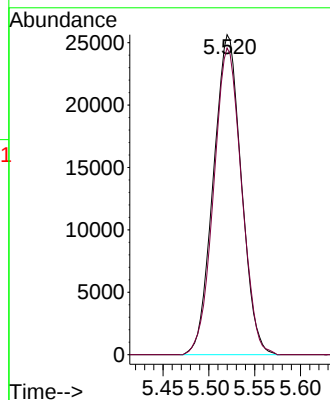
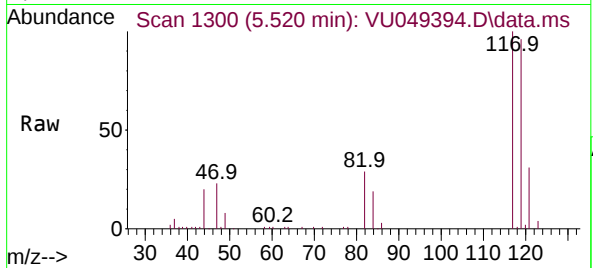




#31
Carbon tetrachloride
Concen: 4.466 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.007 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

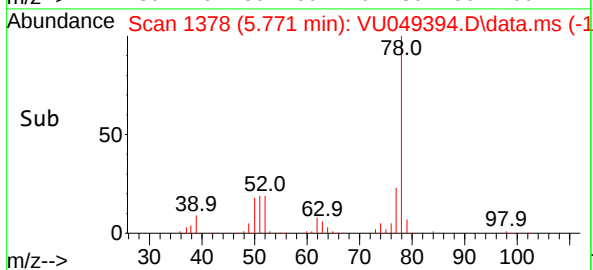
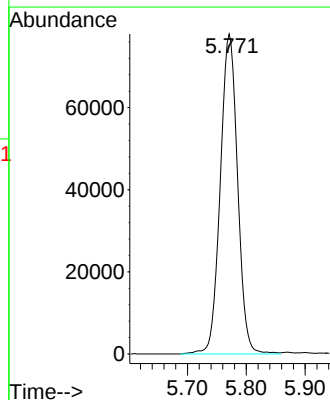
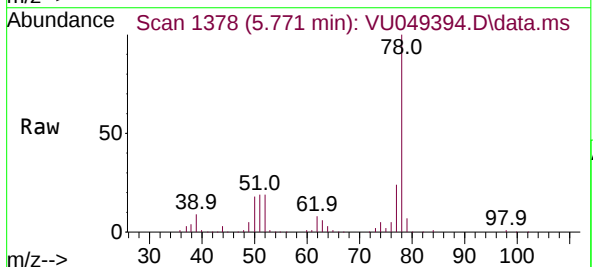
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

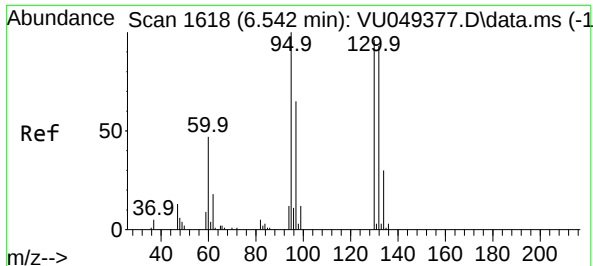
Tgt Ion:117 Resp: 54226
Ion Ratio Lower Upper
117 100
119 95.7 78.3 117.5



#33
Benzene
Concen: 4.421 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 78 Resp: 159637





#34

Trichloroethene

Concen: 4.600 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005125

Tgt Ion: 95 Resp: 42451

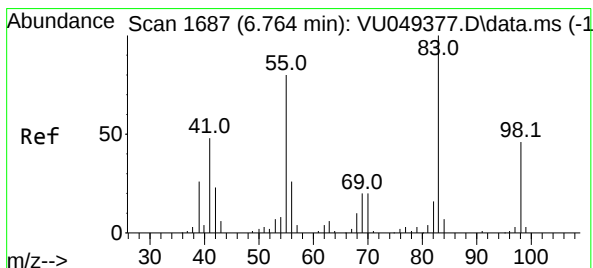
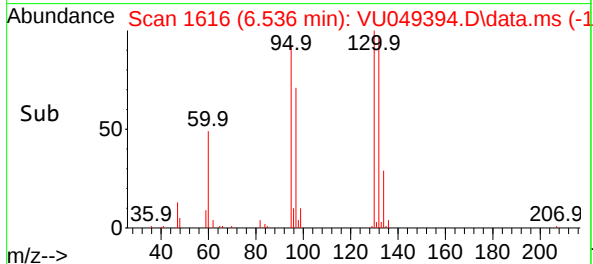
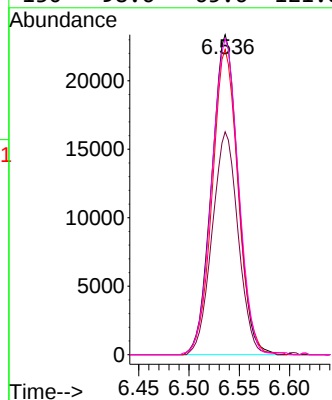
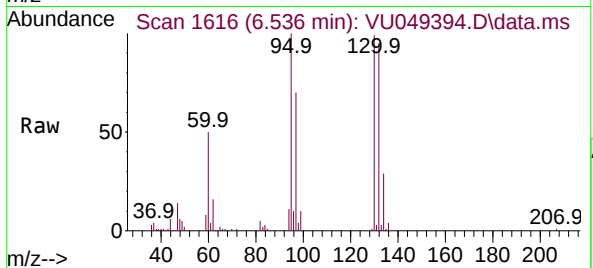
Ion Ratio Lower Upper

95 100

97 69.6 45.3 84.1

132 95.4 61.5 114.3

130 98.6 65.6 121.8



#35

Methylcyclohexane

Concen: 3.694 ug/L

RT: 6.755 min Scan# 1684

Delta R.T. -0.010 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

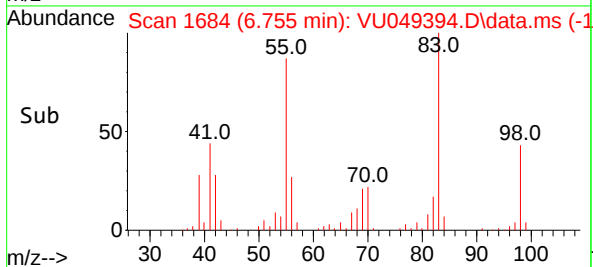
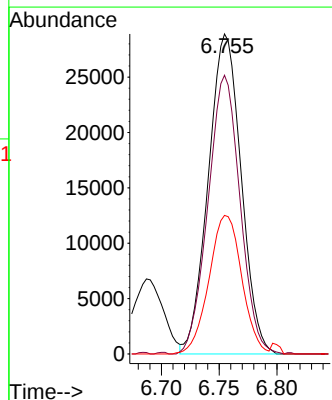
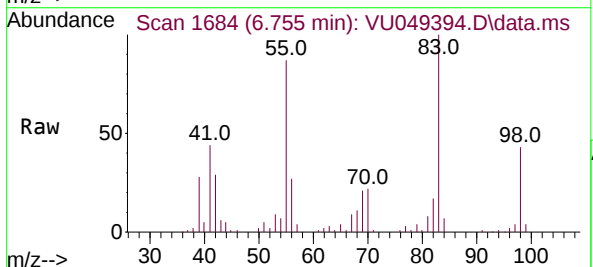
Tgt Ion: 83 Resp: 57171

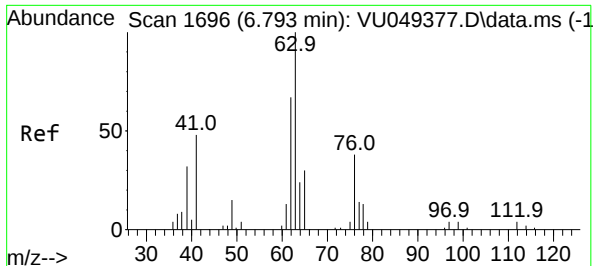
Ion Ratio Lower Upper

83 100

55 84.9 66.9 100.3

98 43.2 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.097 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

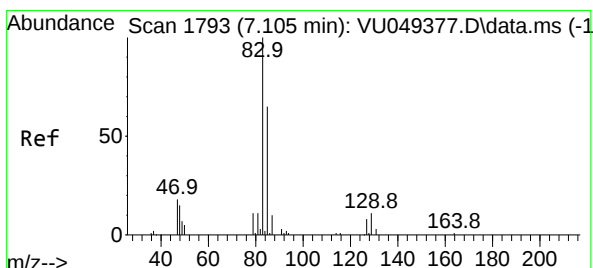
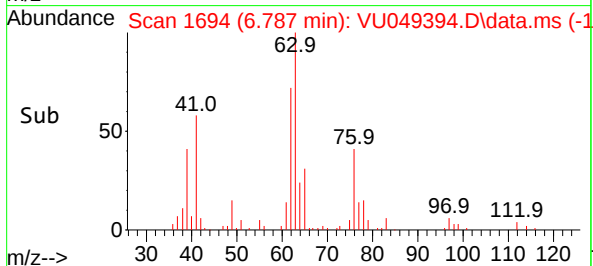
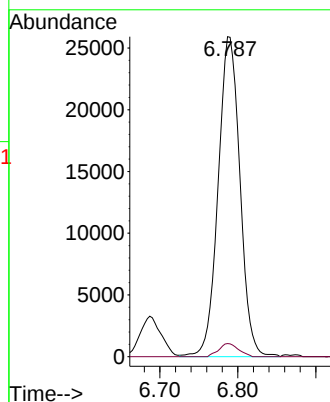
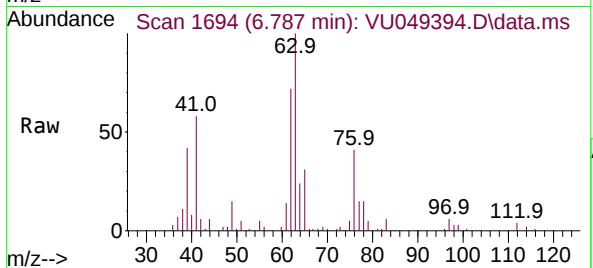
VSTD005125

Tgt Ion: 63 Resp: 50564

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 5.075 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

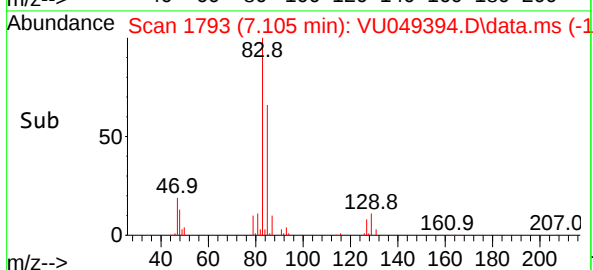
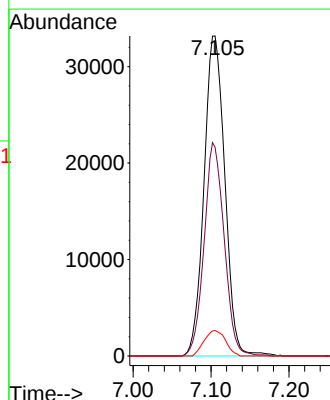
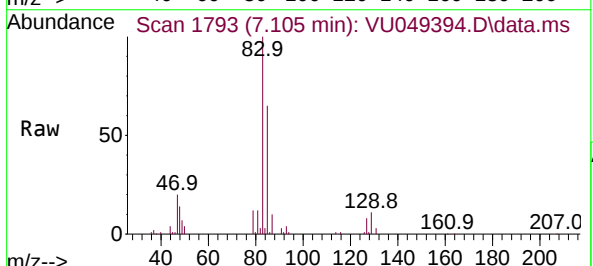
Tgt Ion: 83 Resp: 61547

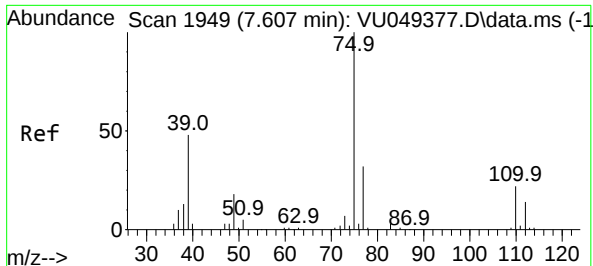
Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.565 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

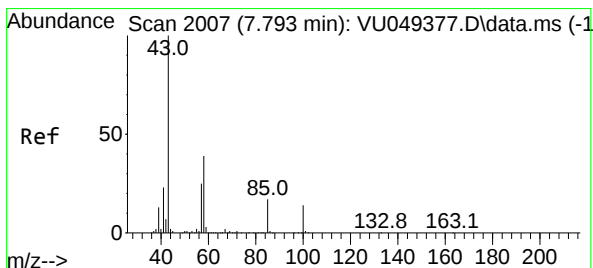
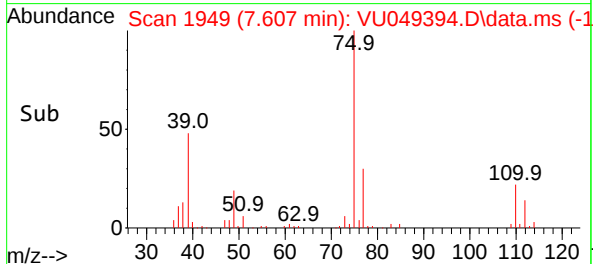
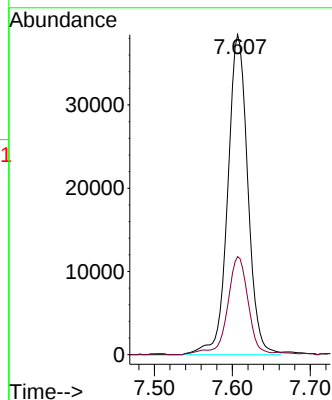
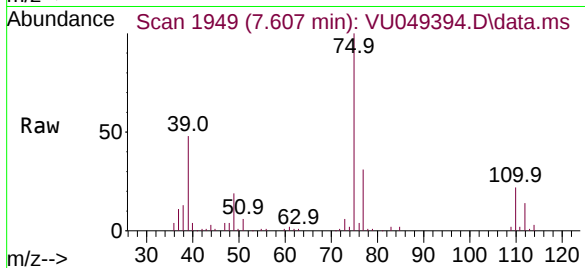
VSTD005125

Tgt Ion: 75 Resp: 68841

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 46.210 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

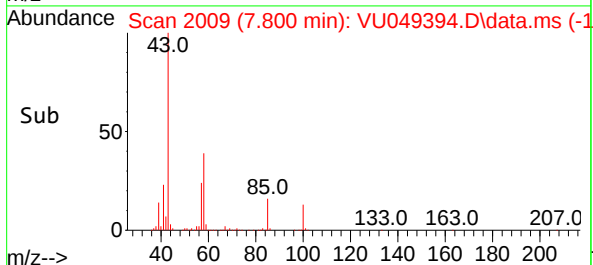
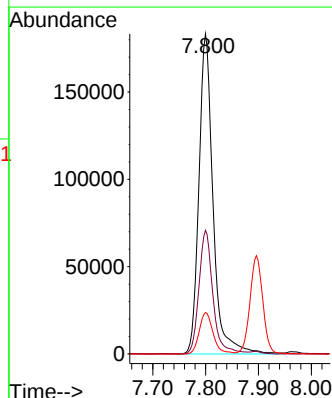
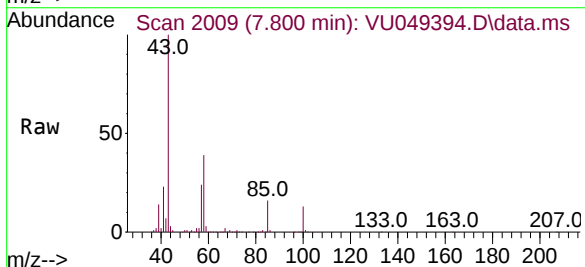
Tgt Ion: 43 Resp: 340593

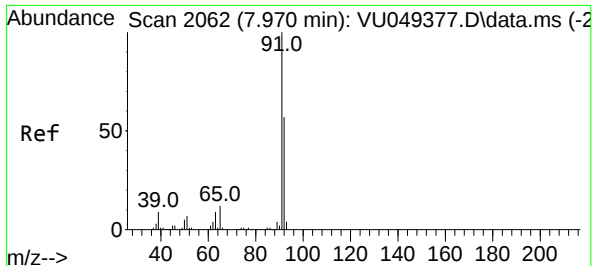
Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.2

100 12.7 10.5 15.7





#42

Toluene

Concen: 4.773 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

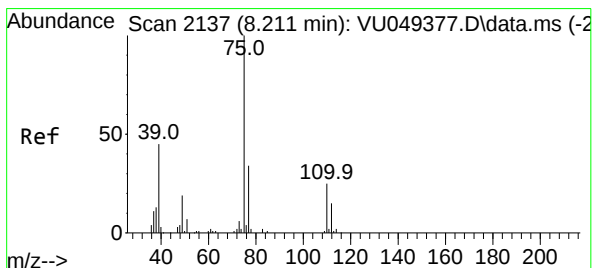
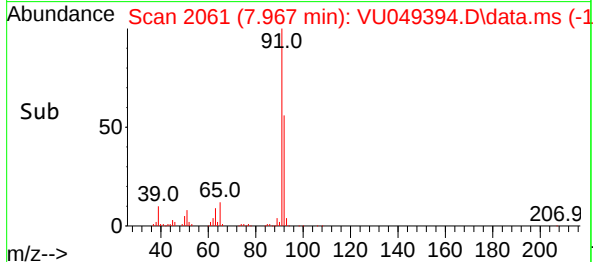
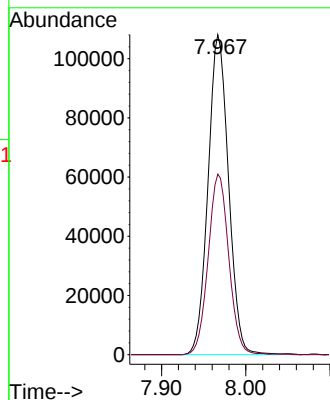
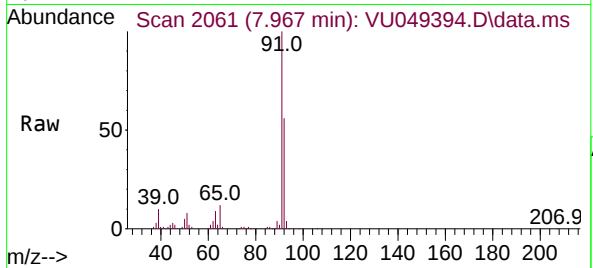
VSTD005125

Tgt Ion: 91 Resp: 182734

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 4.352 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049394.D

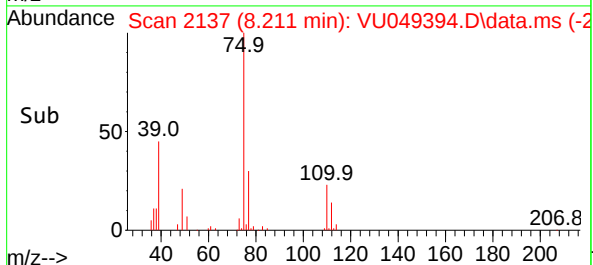
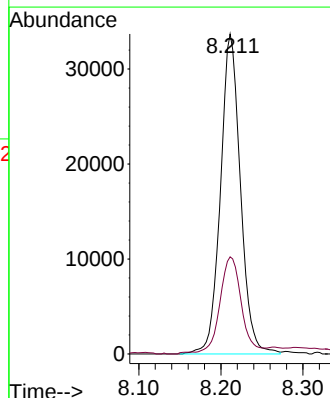
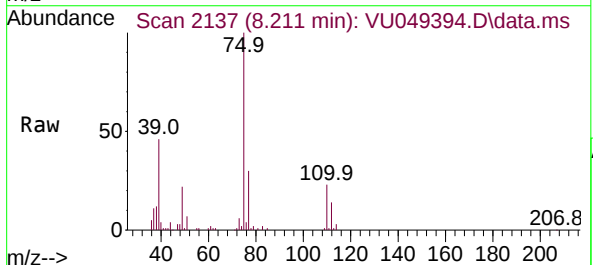
Acq: 24 Jun 2022 17:52

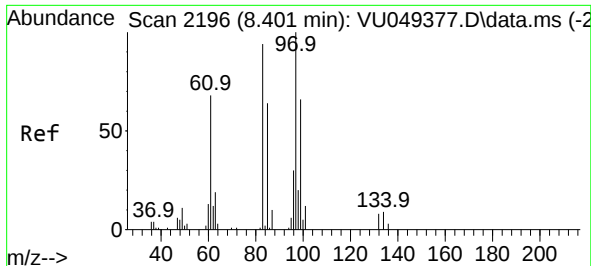
Tgt Ion: 75 Resp: 57003

Ion Ratio Lower Upper

75 100

77 30.3 21.1 39.3

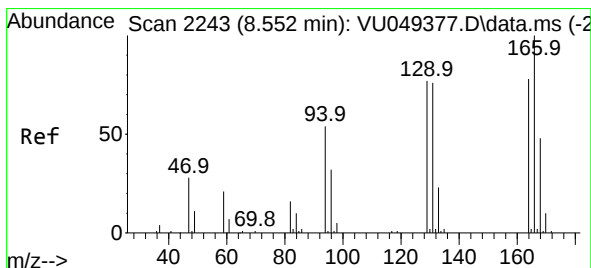
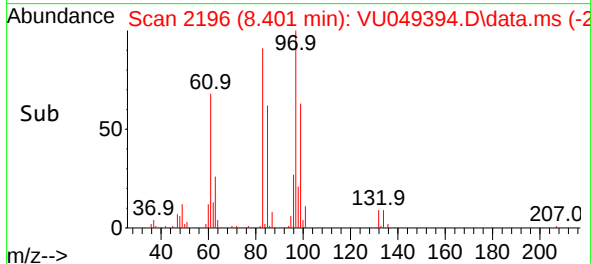
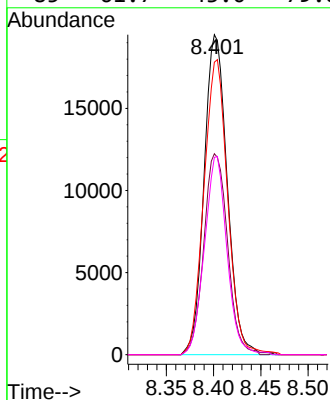
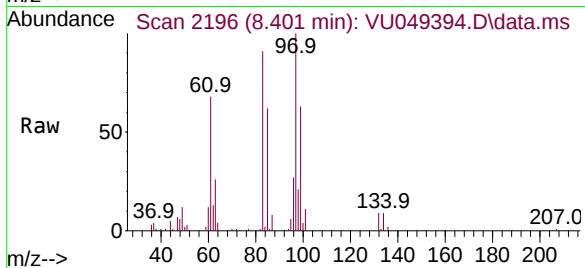




#45
1,1,2-Trichloroethane
Concen: 4.794 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

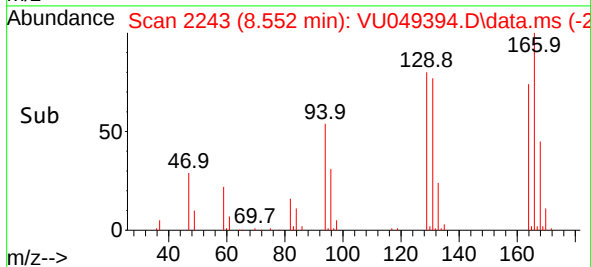
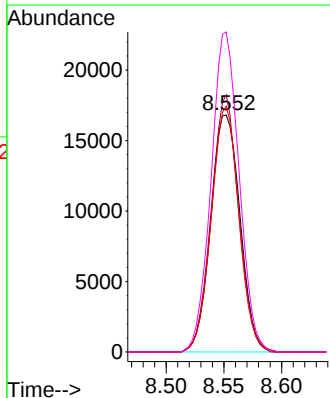
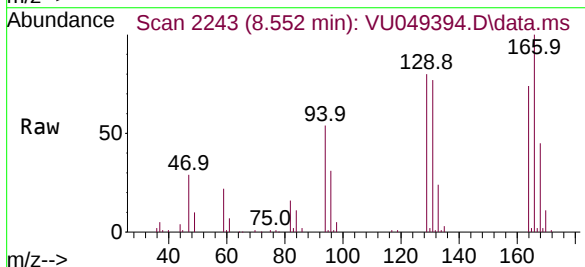
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

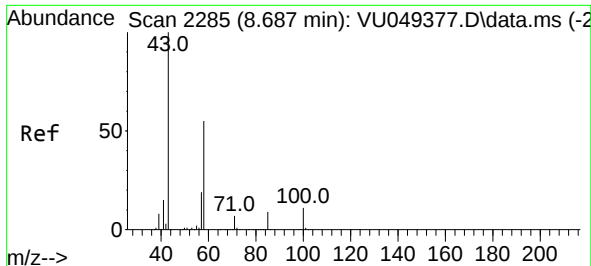
Tgt Ion:	97	Resp:	33153
Ion	Ratio	Lower	Upper
97	100		
99	62.8	45.6	84.8
83	91.4	65.4	121.4
85	61.7	43.0	79.8



#47
Tetrachloroethene
Concen: 4.659 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion:	164	Resp:	29652
Ion	Ratio	Lower	Upper
164	100		
129	108.5	69.8	129.6
131	103.7	67.8	125.8
166	135.0	87.3	162.1

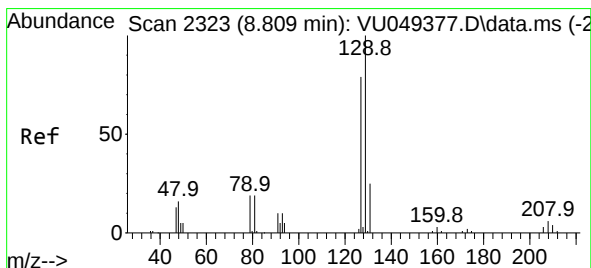
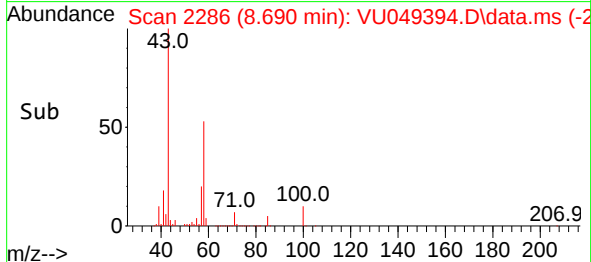
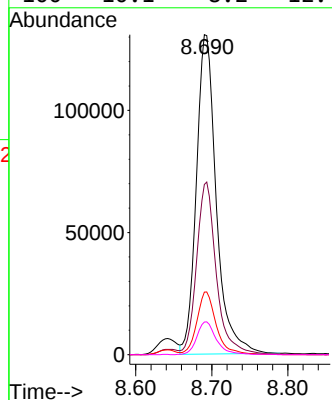
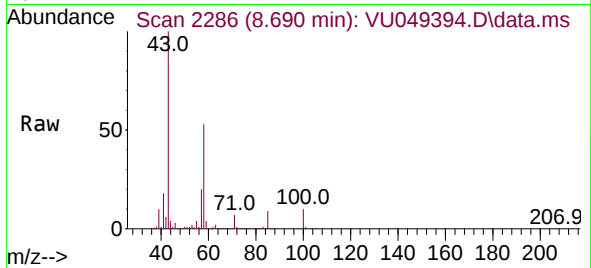




#48
2-Hexanone
Concen: 45.286 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

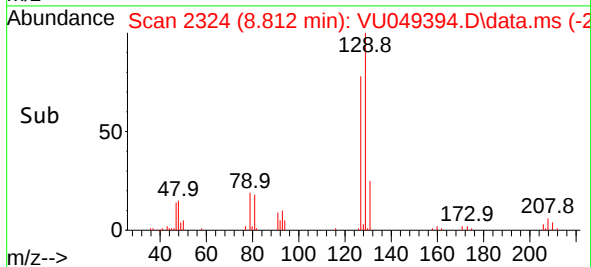
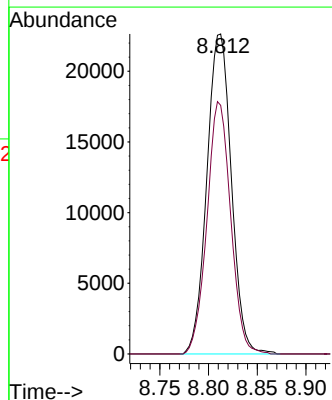
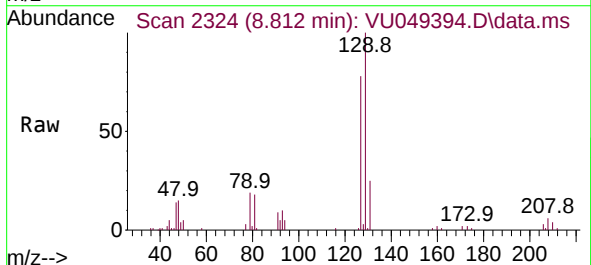
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

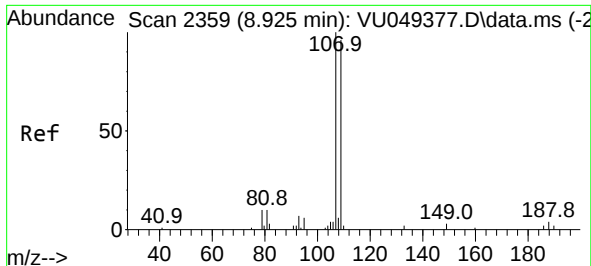
Tgt Ion: 43 Resp: 238241
Ion Ratio Lower Upper
43 100
58 53.3 43.4 65.0
57 18.9 14.9 22.3
100 10.1 8.2 12.4



#49
Dibromochloromethane
Concen: 5.028 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 129 Resp: 39673
Ion Ratio Lower Upper
129 100
127 77.7 54.9 101.9





#50

1,2-Dibromoethane

Concen: 4.907 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005125

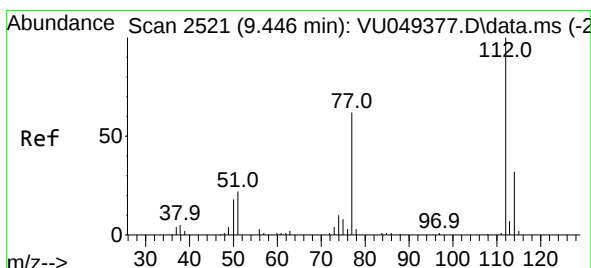
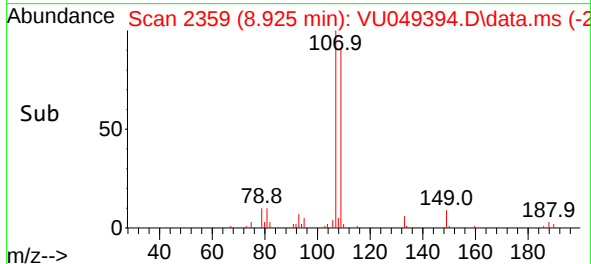
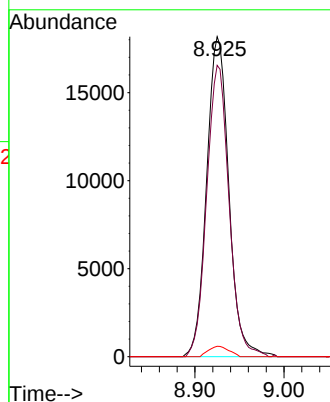
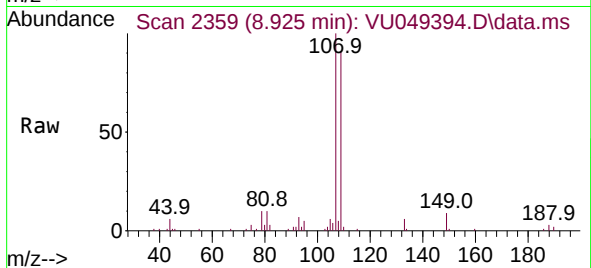
Tgt Ion:107 Resp: 31459

Ion Ratio Lower Upper

107 100

109 91.1 64.4 119.6

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 4.854 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

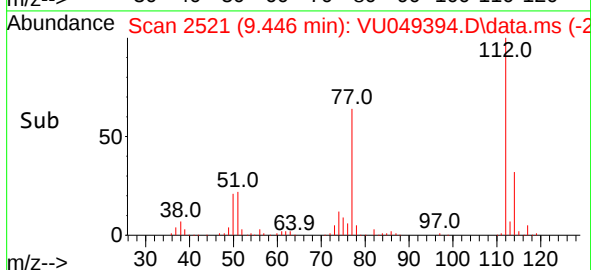
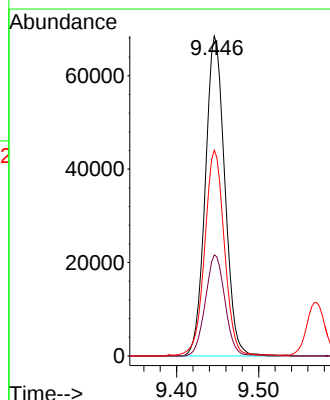
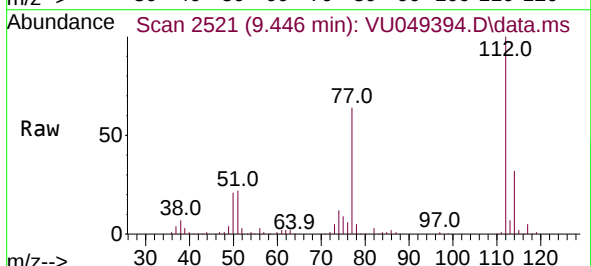
Tgt Ion:112 Resp: 113169

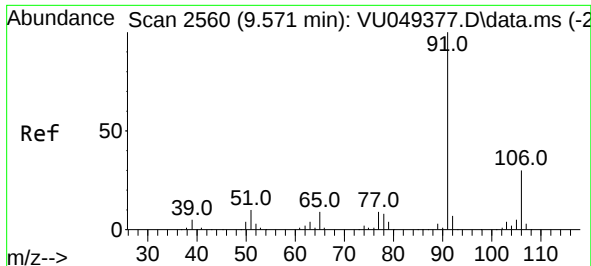
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.3

77 64.3 51.0 76.6

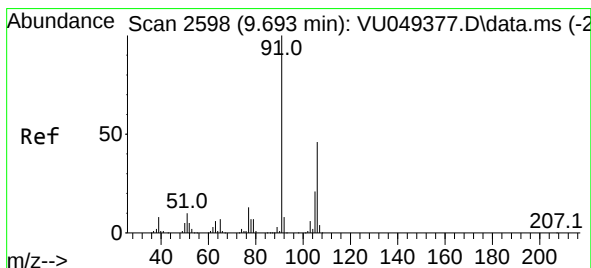
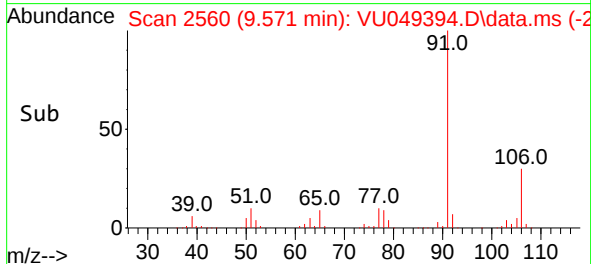
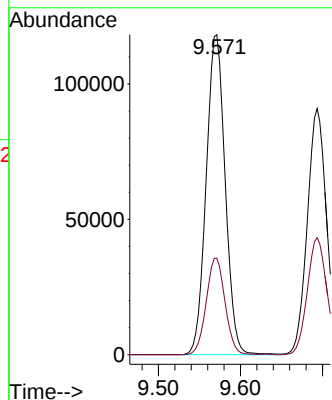
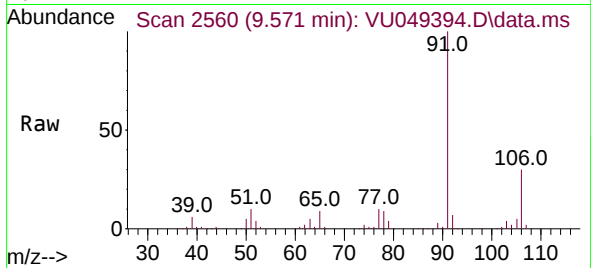




#52
Ethylbenzene
Concen: 4.547 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

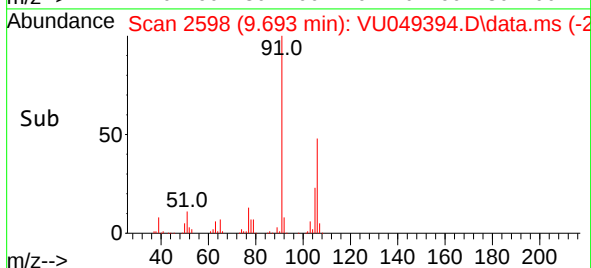
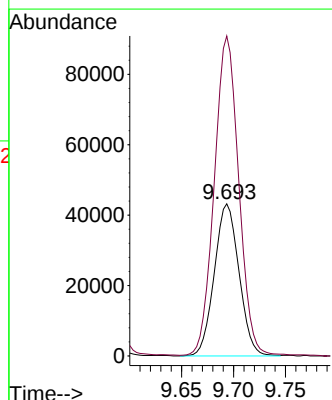
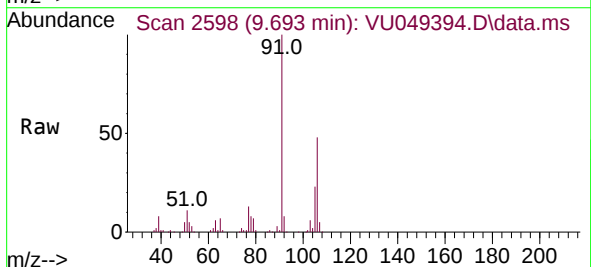
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

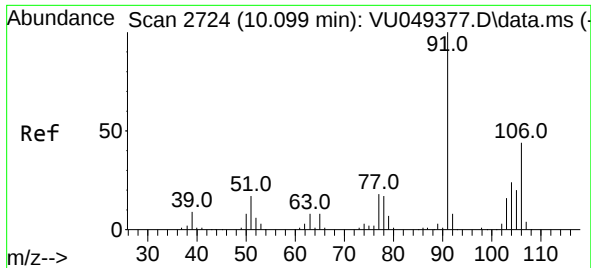
Tgt Ion: 91 Resp: 190157
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 4.598 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 106 Resp: 71455
Ion Ratio Lower Upper
106 100
91 210.4 148.5 275.7

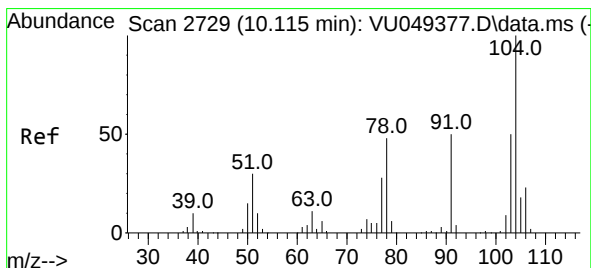
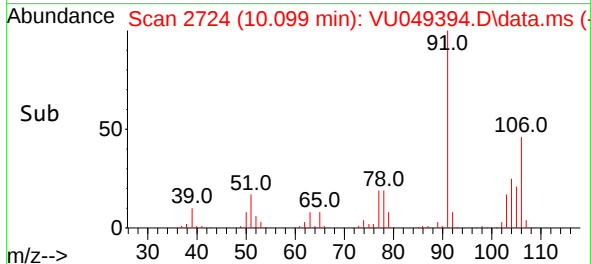
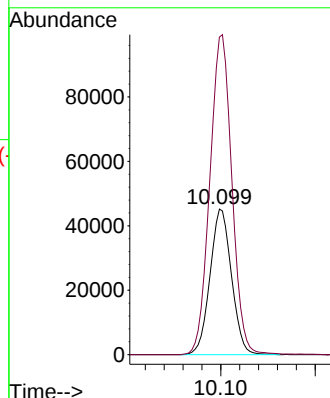
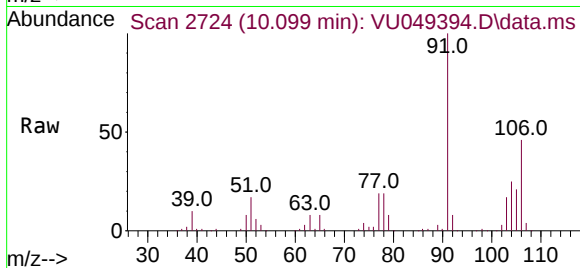




#54
o-Xylene
Concen: 4.629 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

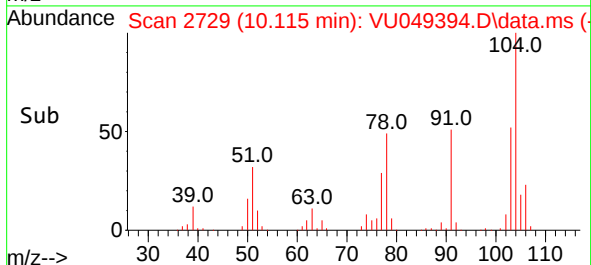
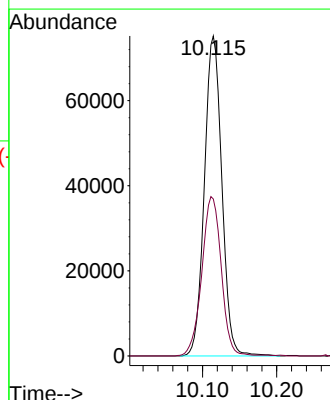
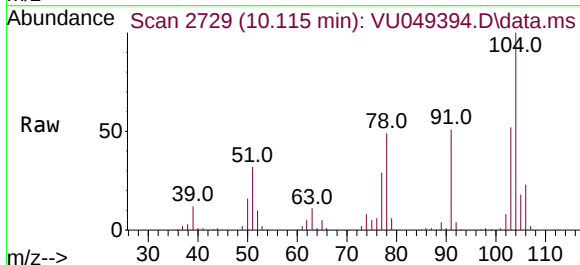
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

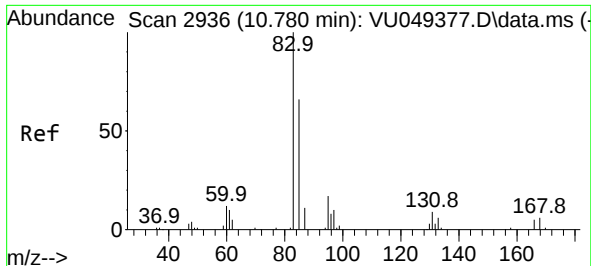
Tgt Ion:106 Resp: 71317
Ion Ratio Lower Upper
106 100
91 218.3 157.5 292.5



#55
Styrene
Concen: 4.757 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion:104 Resp: 122752
Ion Ratio Lower Upper
104 100
78 49.0 34.1 63.3

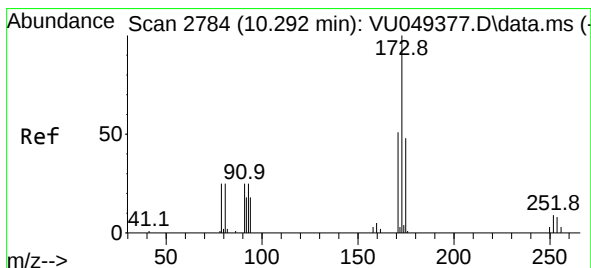
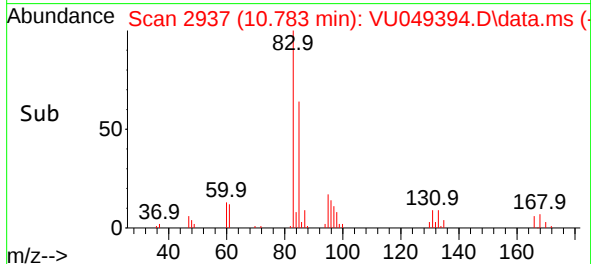
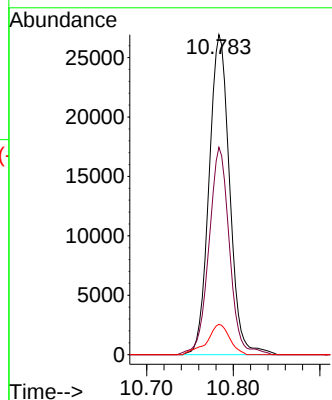
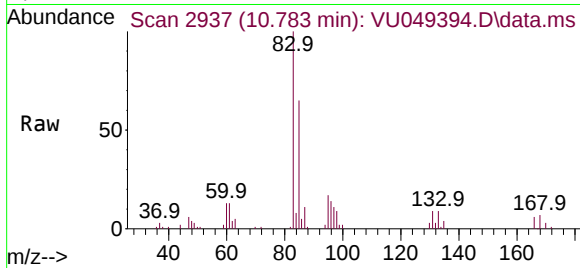




#57
1,1,2,2-Tetrachloroethane
Concen: 4.851 ug/L
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

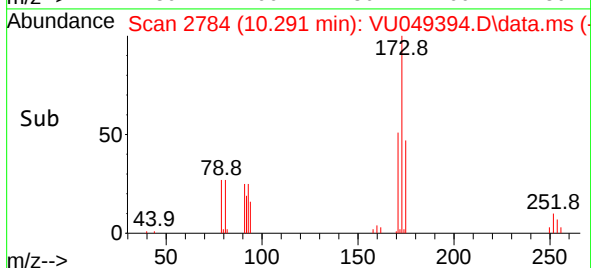
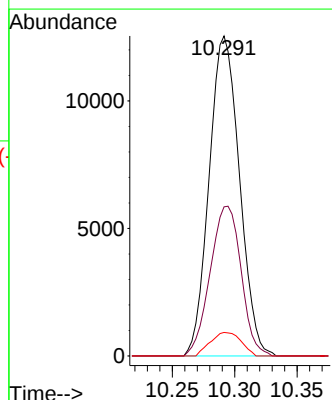
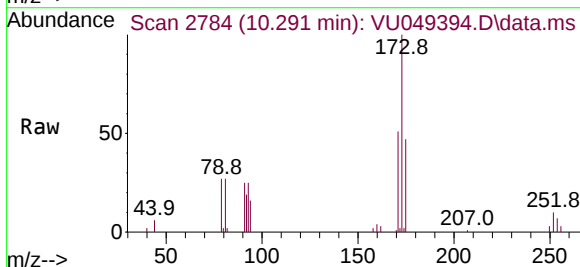
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

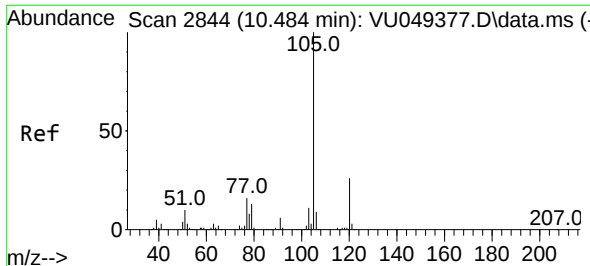
Tgt Ion: 83 Resp: 44402
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4
131 9.5 7.1 10.7



#59
Bromoform
Concen: 4.332 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion:173 Resp: 21244
Ion Ratio Lower Upper
173 100
175 47.8 37.9 56.9
254 7.4 6.6 9.8

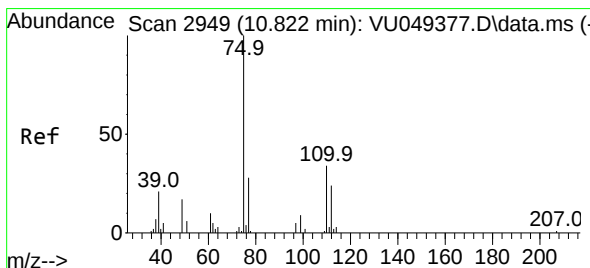
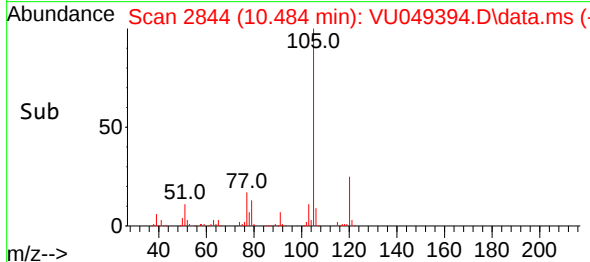
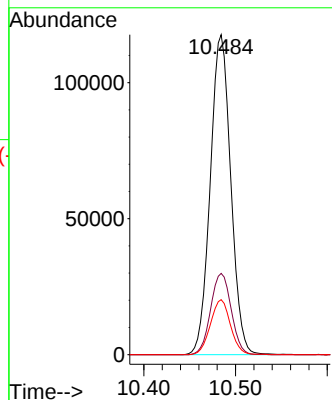
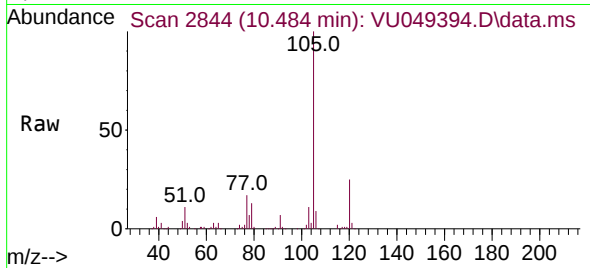




#60
Isopropylbenzene
Concen: 4.115 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

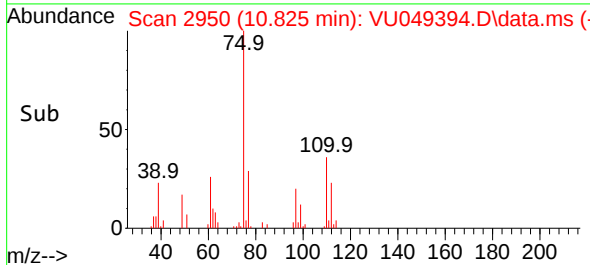
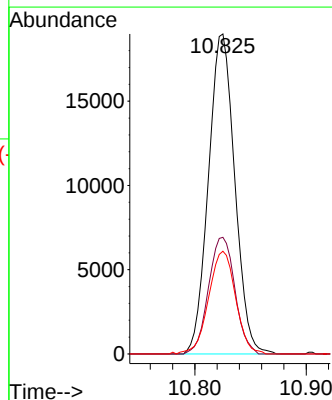
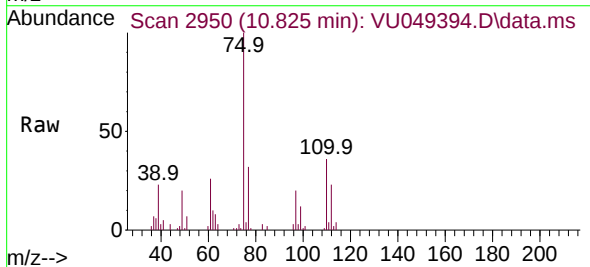
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

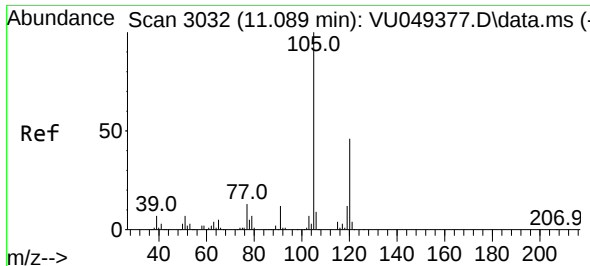
Tgt Ion:105 Resp: 183031
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.259 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion: 75 Resp: 31198
Ion Ratio Lower Upper
75 100
110 36.4 29.0 43.4
77 32.9 26.2 39.2

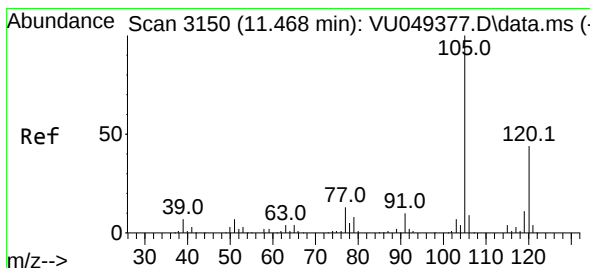
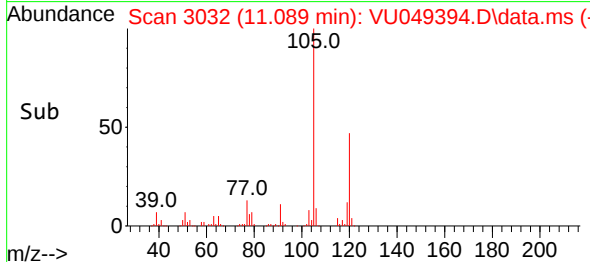
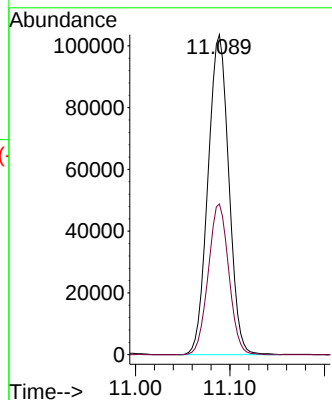
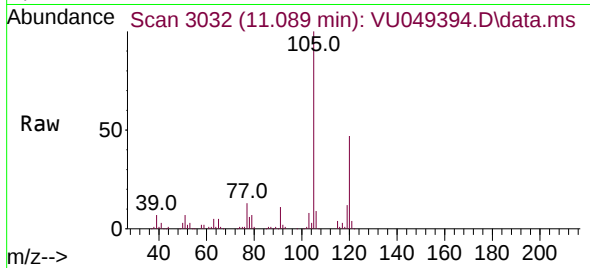




#62
 1,3,5-Trimethylbenzene
 Concen: 4.039 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

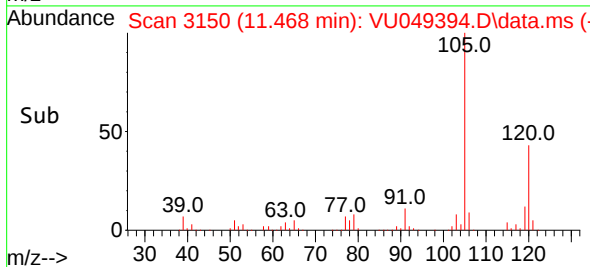
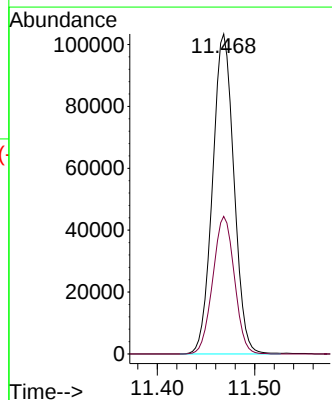
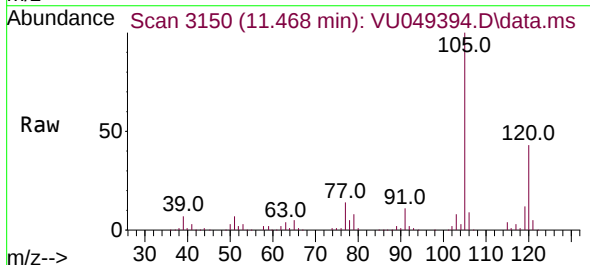
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

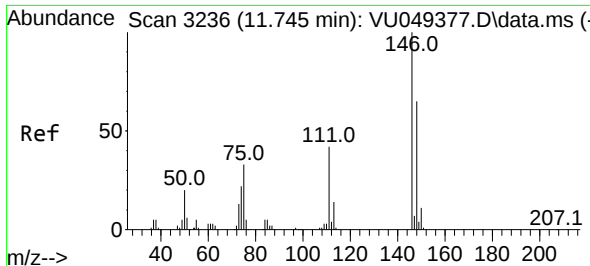
Tgt Ion:105 Resp: 158549
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 4.047 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

Tgt Ion:105 Resp: 157397
 Ion Ratio Lower Upper
 105 100
 120 43.4 34.6 52.0

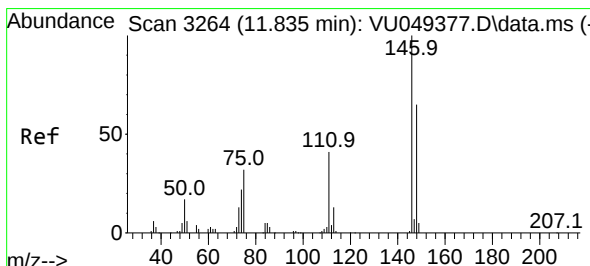
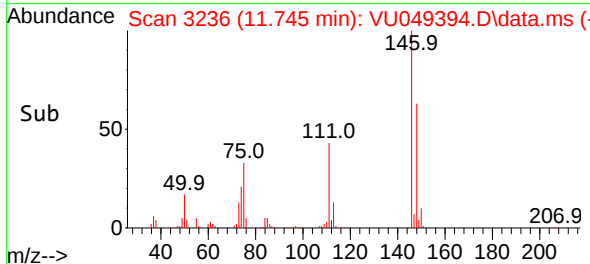
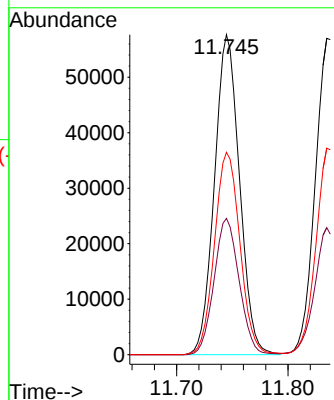
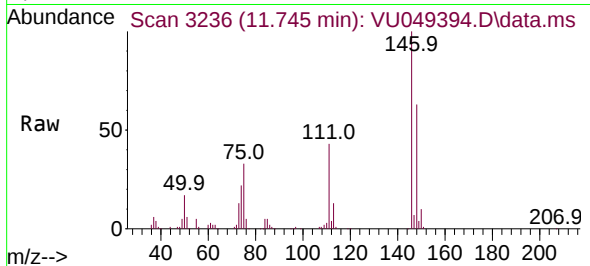




#64
1,3-Dichlorobenzene
Concen: 4.730 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

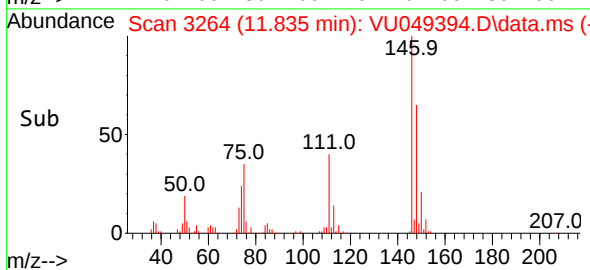
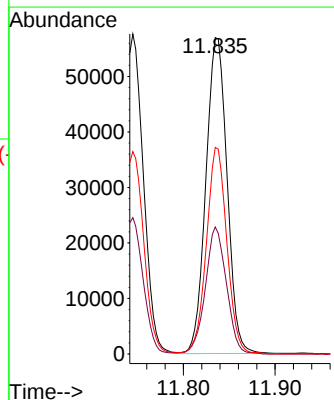
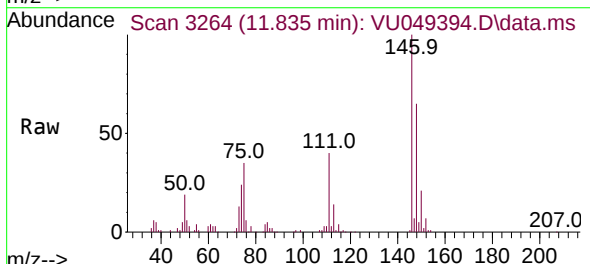
Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

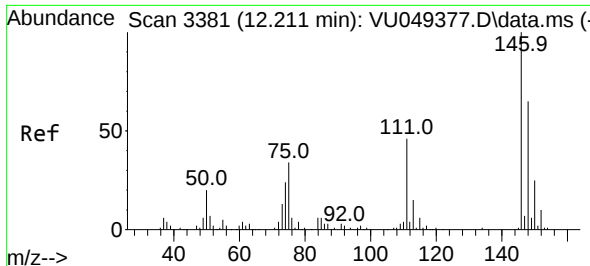
Tgt Ion:146 Resp: 90024
Ion Ratio Lower Upper
146 100
111 42.6 30.9 57.5
148 63.2 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.858 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion:146 Resp: 91391
Ion Ratio Lower Upper
146 100
111 40.2 29.8 55.4
148 65.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.896 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

VSTD005125

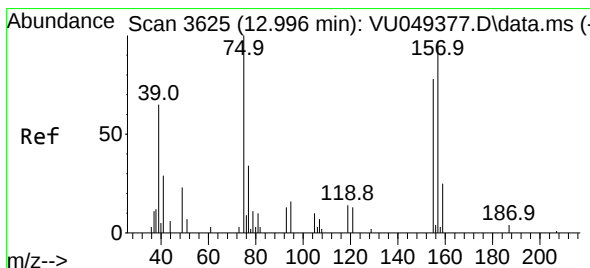
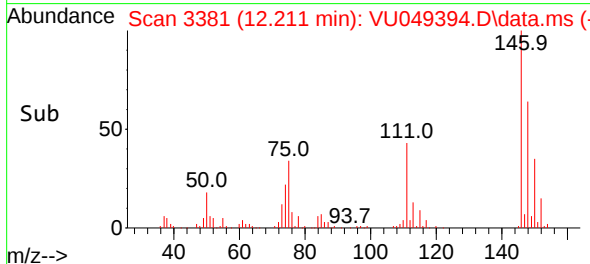
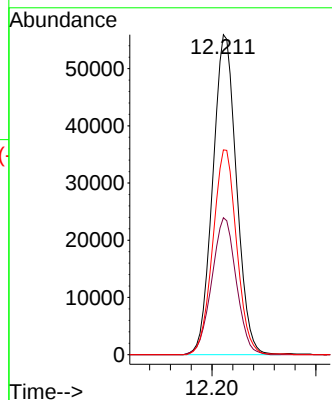
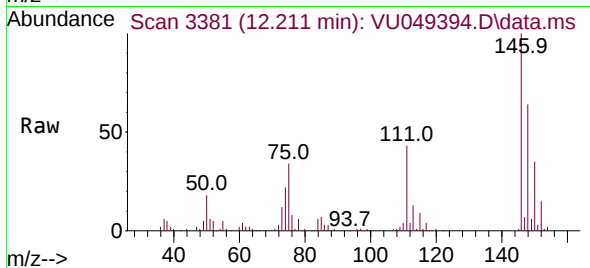
Tgt Ion:146 Resp: 88674

Ion Ratio Lower Upper

146 100

111 42.8 36.6 55.0

148 64.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.542 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049394.D

Acq: 24 Jun 2022 17:52

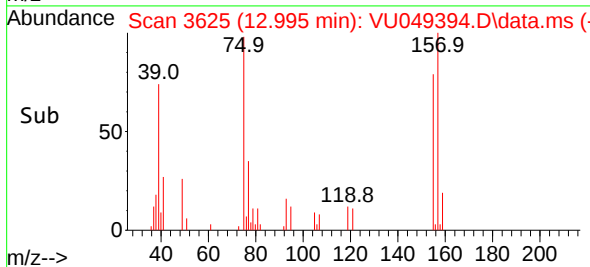
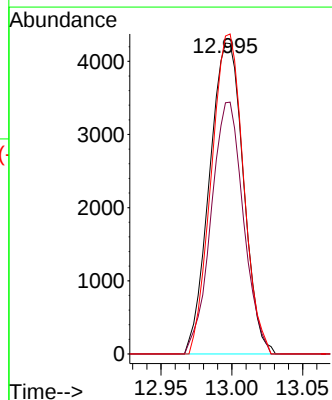
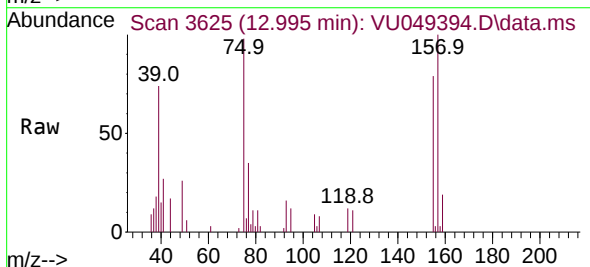
Tgt Ion: 75 Resp: 7071

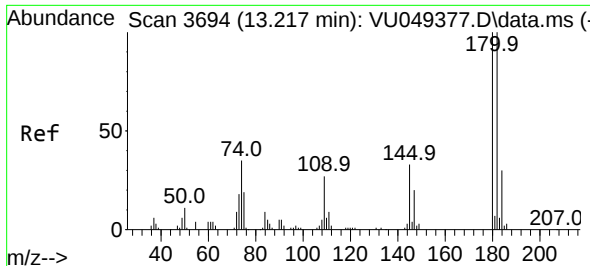
Ion Ratio Lower Upper

75 100

155 80.8 52.0 78.0#

157 102.2 71.4 107.2

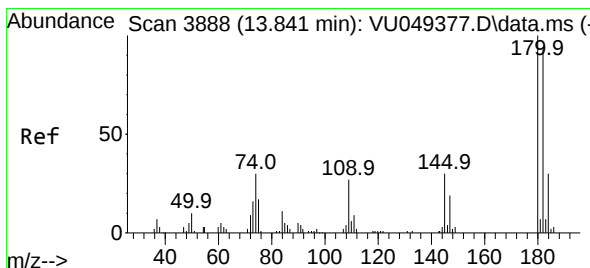
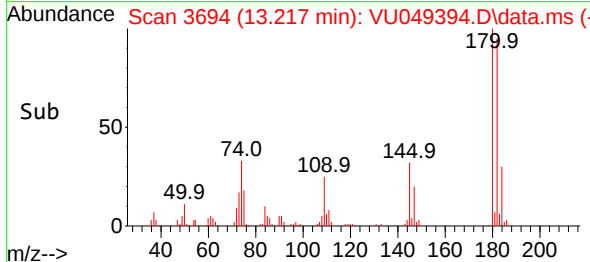
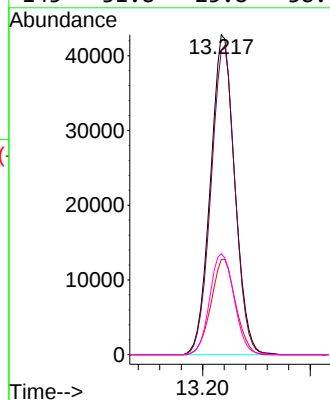
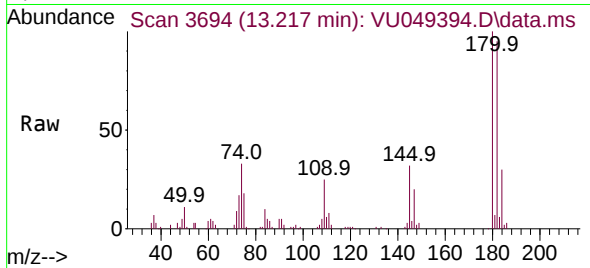




#69
 1,3,5-Trichlorobenzene
 Concen: 4.699 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

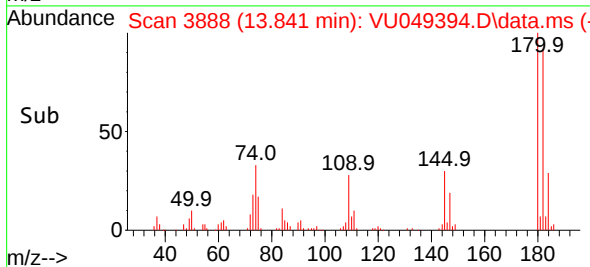
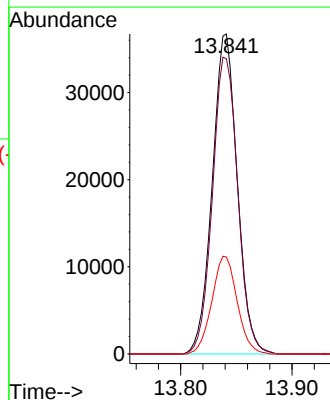
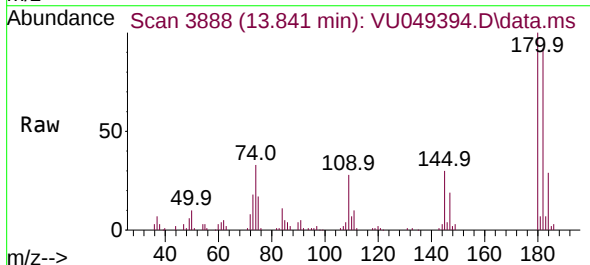
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

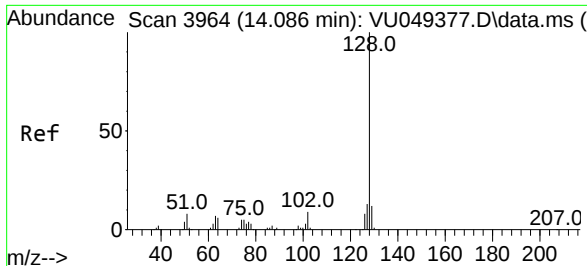
Tgt Ion:180	Resp:	67073
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.0 112.4
184	30.1	23.2 34.8
145	31.8	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.044 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049394.D
 Acq: 24 Jun 2022 17:52

Tgt Ion:180	Resp:	57226
Ion Ratio	Lower	Upper
180	100	
182	94.0	74.6 112.0
145	30.9	26.1 39.1

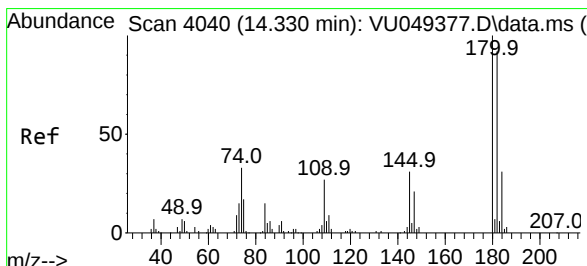
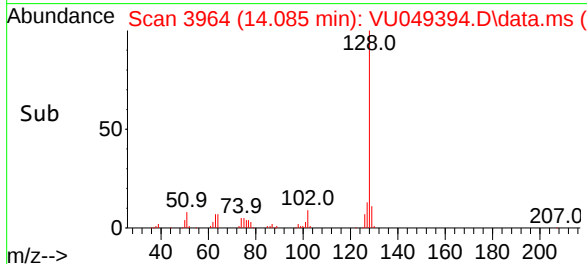
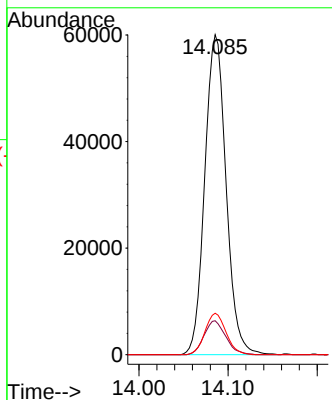
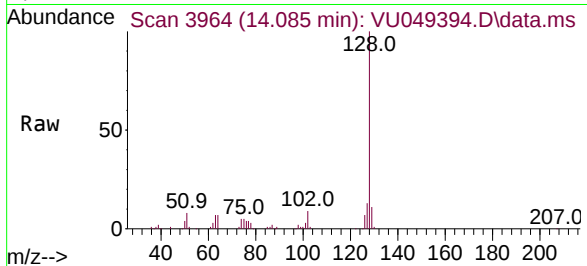




#71
Naphthalene
Concen: 4.422 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

Tgt Ion:128 Resp: 99694
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.963 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049394.D
Acq: 24 Jun 2022 17:52

Tgt Ion:180 Resp: 52947
Ion Ratio Lower Upper
180 100
182 97.2 75.6 113.4
145 33.5 27.9 41.9

