

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U049025.D
 Acq On : 11 Jun 2022 02:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050146

Quant Time: Jun 11 02:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	307961	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90010	47.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.880%
7) Chloroethane-d5	1.903	69	68467	49.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.300%
11) 1,1-Dichloroethene-d2	2.565	63	171923	48.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
21) 2-Butanone-d5	4.620	46	196066	94.260	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.260%
24) Chloroform-d	5.063	84	204665	50.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
26) 1,2-Dichloroethane-d4	5.703	65	132736	50.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
32) Benzene-d6	5.726	84	373772	53.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.700%
36) 1,2-Dichloropropane-d6	6.690	67	125797	53.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.820%
41) Toluene-d8	7.896	98	341254	55.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.460%
43) trans-1,3-Dichloroprop...	8.179	79	56281	50.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.580%
47) 2-Hexanone-d5	8.632	63	120382	97.651	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.650%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	198447	50.443	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	12.192	152	138991	51.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	134812	49.606	ug/L	100
3) Chloromethane	1.523	50	129591	45.239	ug/L	97
5) Vinyl chloride	1.604	62	121253	44.651	ug/L	99
6) Bromomethane	1.842	94	66996	44.601	ug/L	99
8) Chloroethane	1.925	64	68214	44.975	ug/L	97
9) Trichlorofluoromethane	2.134	101	174464	45.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95905	44.205	ug/L	99
12) 1,1-Dichloroethene	2.578	96	88524	46.614	ug/L	93
13) Acetone	2.623	43	138744	84.766	ug/L	100
14) Carbon disulfide	2.790	76	213837	44.278	ug/L	99
15) Methyl Acetate	2.944	43	151490	46.664	ug/L	99
16) Methylene chloride	3.044	84	115424	46.672	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	95211	45.597	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	359512	46.023	ug/L	99
19) 1,1-Dichloroethane	3.867	63	210717	46.842	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	116420	45.827	ug/L	100
22) 2-Butanone	4.697	43	226728	90.139	ug/L	98
23) Bromochloromethane	4.973	128	63040	47.280	ug/L	96
25) Chloroform	5.089	83	222499	47.460	ug/L	99

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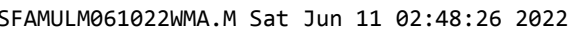
Instrument :
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 ClientSampleId :
 VSTD050146

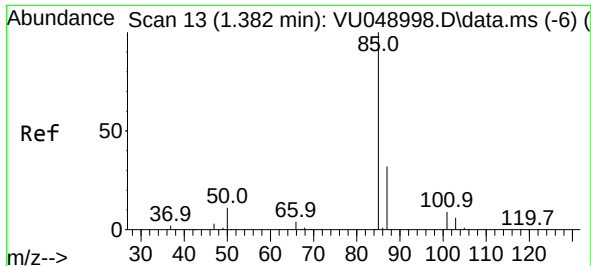
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	180646	47.335	ug/L	99
29) Cyclohexane	5.391	56	148784	47.050	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	196629	49.899	ug/L	99
31) Carbon tetrachloride	5.523	117	174530	50.642	ug/L	99
33) Benzene	5.774	78	460334	50.286	ug/L	100
34) Trichloroethene	6.542	95	116127	50.326	ug/L	99
35) Methylcyclohexane	6.764	83	161800	50.234	ug/L	99
37) 1,2-Dichloropropane	6.790	63	131753	51.039	ug/L #	94
38) Bromodichloromethane	7.105	83	177196	51.701	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	179725	47.315	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	429079	98.659	ug/L	99
42) Toluene	7.970	91	495708	52.390	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	180900	48.096	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	129784	51.884	ug/L	99
46) Tetrachloroethene	8.552	164	88077	49.234	ug/L	97
48) 2-Hexanone	8.684	43	341398	96.559	ug/L	99
49) Dibromochloromethane	8.809	129	142381	51.122	ug/L	98
50) 1,2-Dibromoethane	8.922	107	135575	51.519	ug/L	98
51) Chlorobenzene	9.446	112	308582	48.246	ug/L	99
52) Ethylbenzene	9.571	91	500224	48.624	ug/L	98
53) m,p-Xylene	9.693	106	205701	50.917	ug/L	99
54) o-Xylene	10.098	106	207381	50.949	ug/L	98
55) Styrene	10.115	104	348209	51.228	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	225289	48.329	ug/L	99
59) Bromoform	10.291	173	108284	47.703	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	186097	47.699	ug/L	99
61) Isopropylbenzene	10.484	105	529197	50.651	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	454718	50.978	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	354997	49.989	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	242084	47.235	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	239570	46.168	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	255580	48.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59286	46.040	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	171675	46.889	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	132058	42.654	ug/L	99
71) Naphthalene	14.085	128	426061	38.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	146855	44.842	ug/L	98

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

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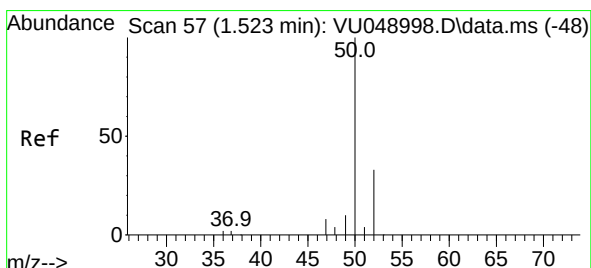
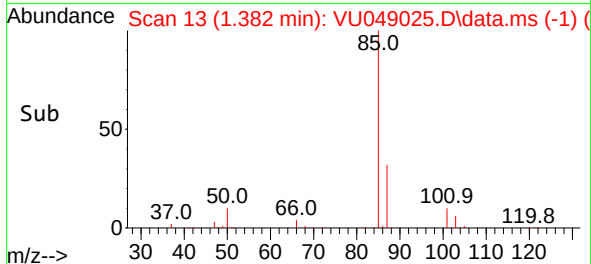
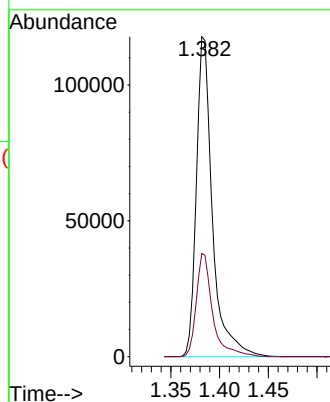
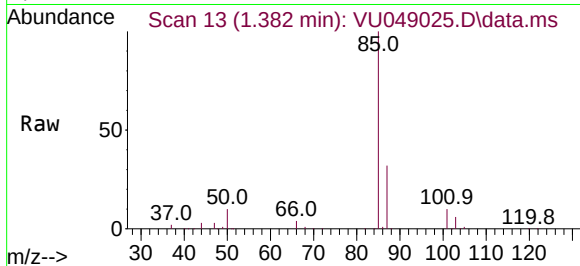




#2
Dichlorodifluoromethane
Concen: 49.606 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

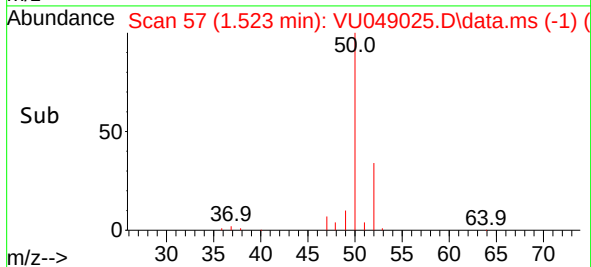
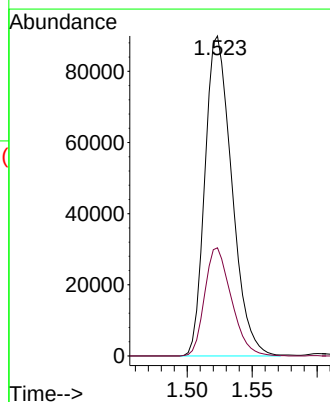
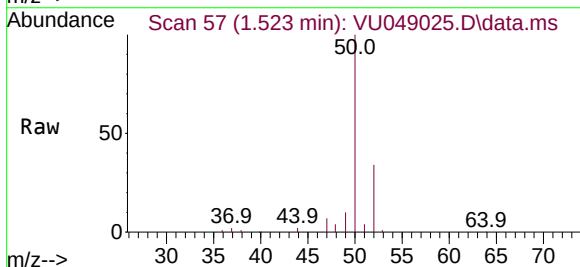
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

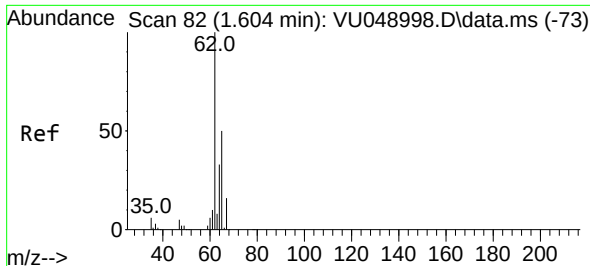
Tgt Ion: 85 Resp: 134812
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 45.239 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 50 Resp: 129591
Ion Ratio Lower Upper
50 100
52 33.8 22.7 42.1

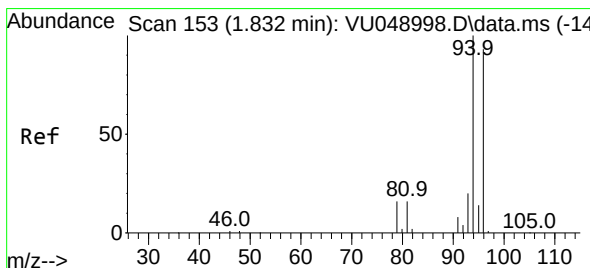
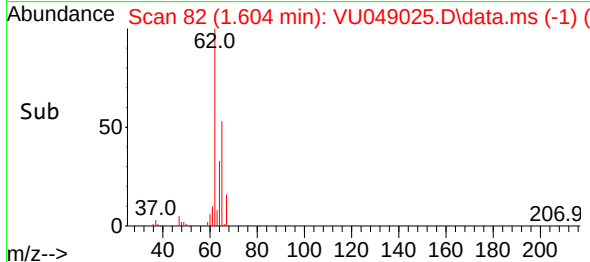
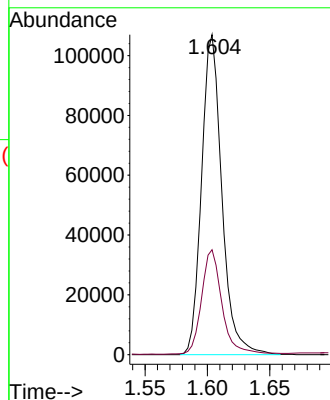
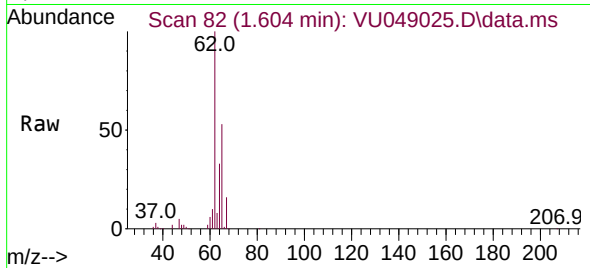




#5
 Vinyl chloride
 Concen: 44.651 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049025.D
 Acq: 11 Jun 2022 02:28

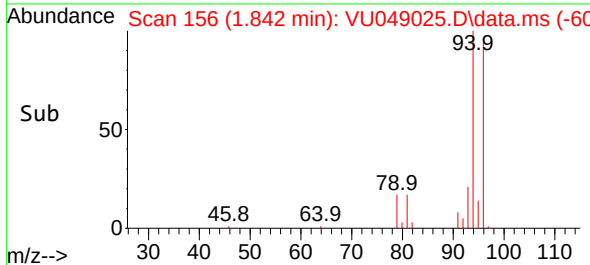
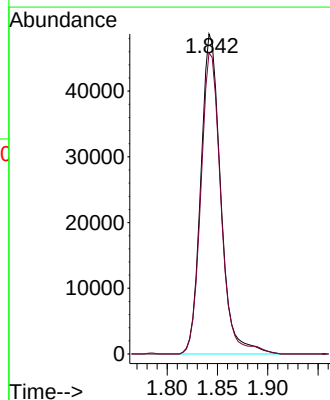
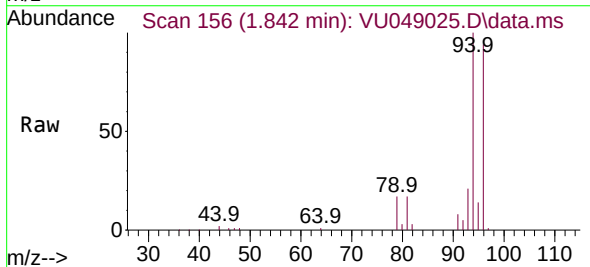
Instrument :
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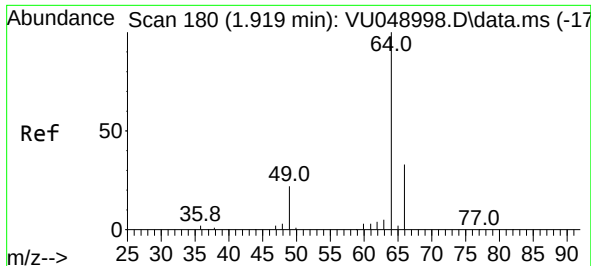
Tgt Ion: 62 Resp: 121253
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.3



#6
 Bromomethane
 Concen: 44.601 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VU049025.D
 Acq: 11 Jun 2022 02:28

Tgt Ion: 94 Resp: 66996
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.1 120.9

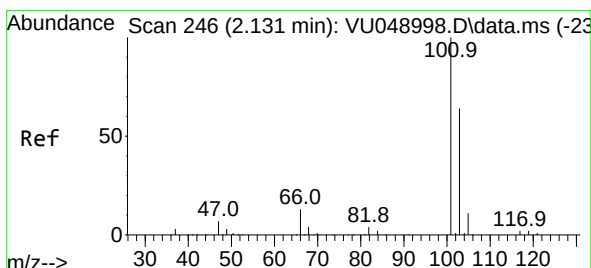
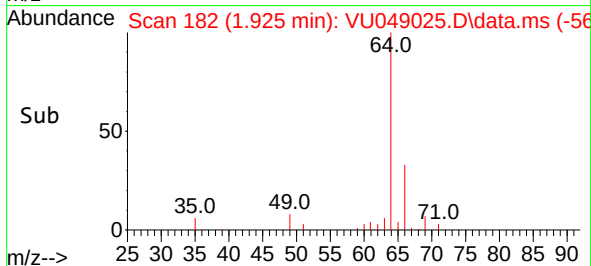
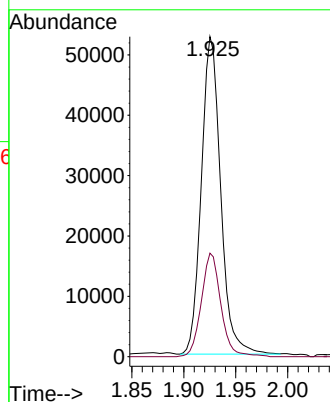
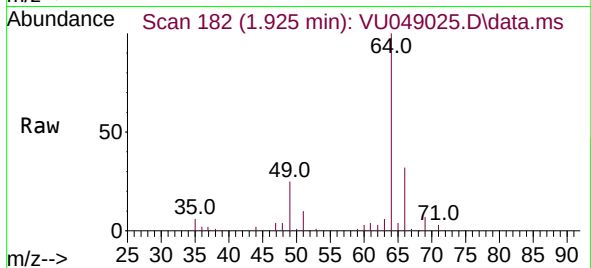




#8
Chloroethane
Concen: 44.975 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

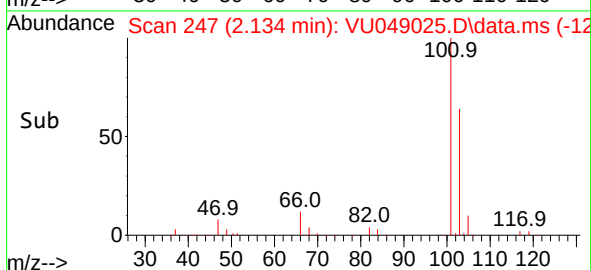
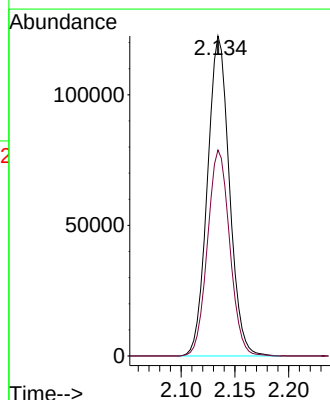
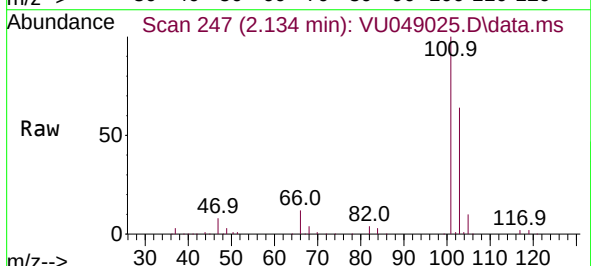
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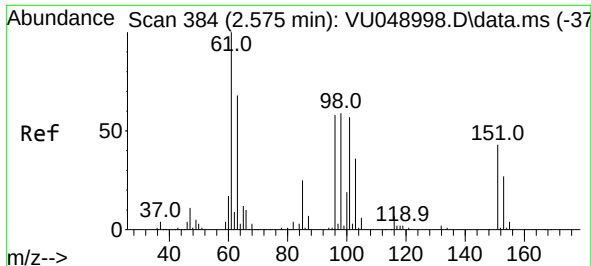
Tgt Ion: 64 Resp: 68214
Ion Ratio Lower Upper
64 100
66 32.4 23.7 43.9



#9
Trichlorofluoromethane
Concen: 45.648 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion:101 Resp: 174464
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.205 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD050146

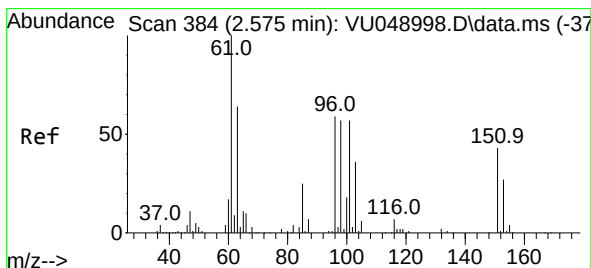
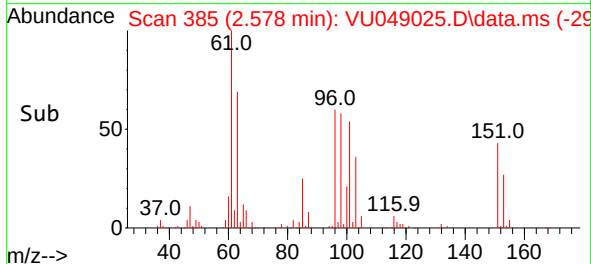
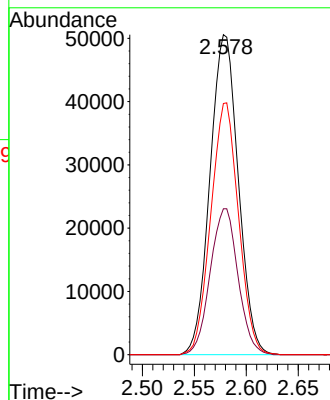
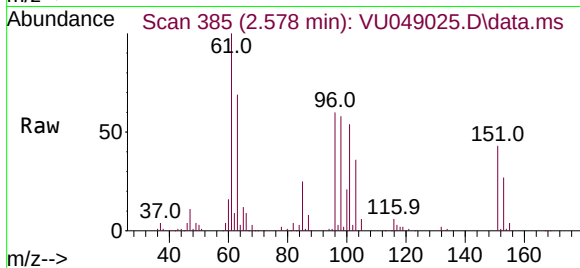
Tgt Ion:101 Resp: 95905

Ion Ratio Lower Upper

101 100

85 44.7 35.2 52.8

151 77.0 61.4 92.2



#12

1,1-Dichloroethene

Concen: 46.614 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

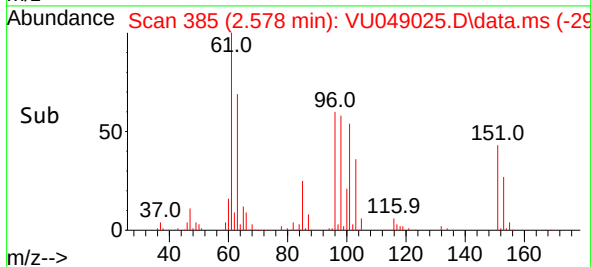
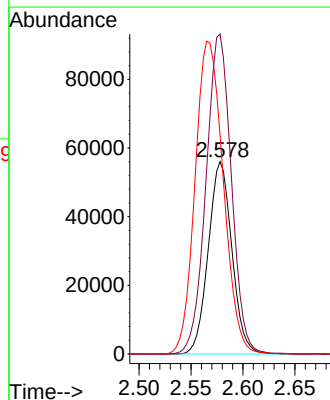
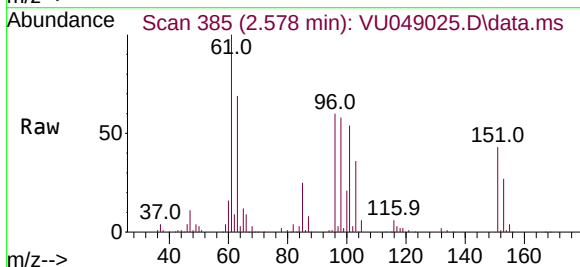
Tgt Ion: 96 Resp: 88524

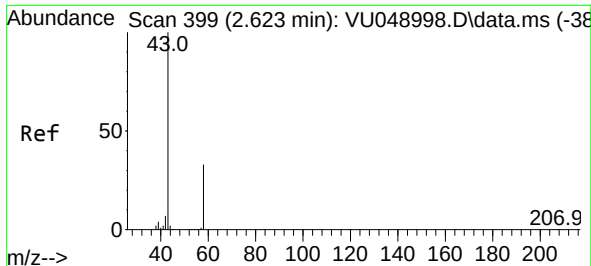
Ion Ratio Lower Upper

96 100

61 166.4 123.5 229.3

63 114.0 86.0 159.8





#13

Acetone

Concen: 84.766 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU049025.D

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ClientSampleId :

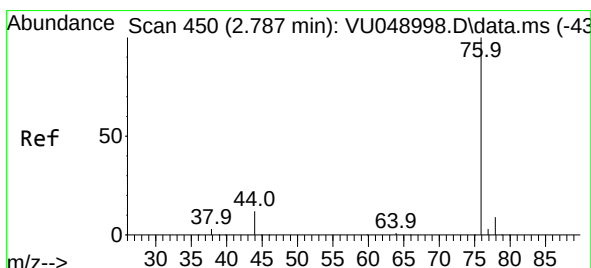
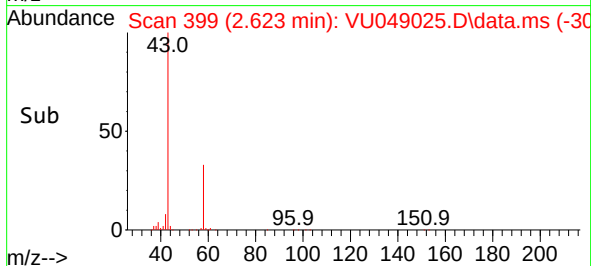
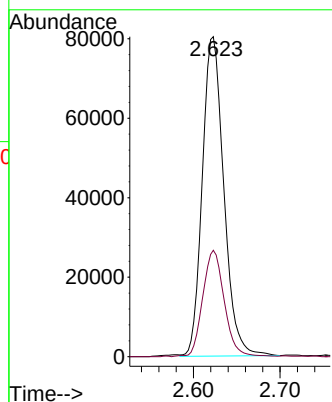
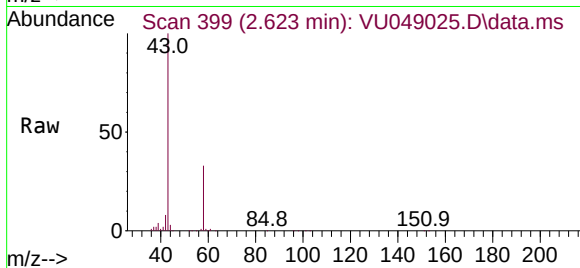
VSTD050146

Tgt Ion: 43 Resp: 138744

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.4



#14

Carbon disulfide

Concen: 44.278 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU049025.D

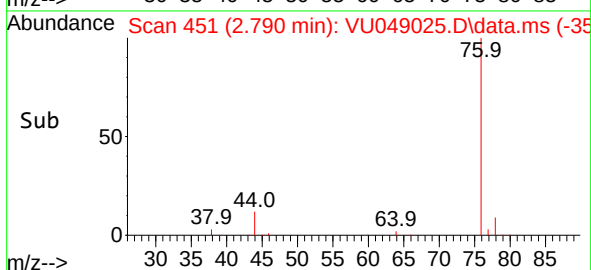
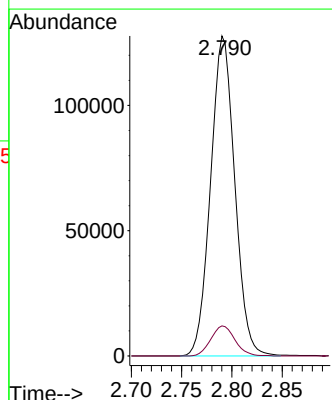
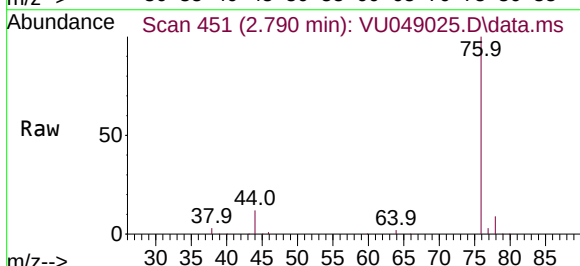
Acq: 11 Jun 2022 02:28

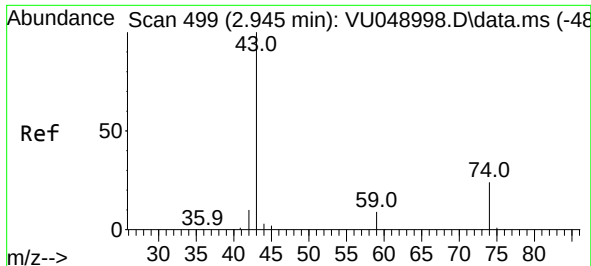
Tgt Ion: 76 Resp: 213837

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

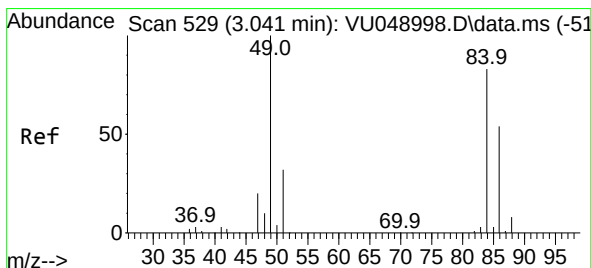
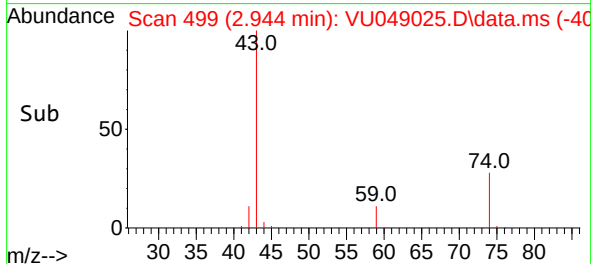
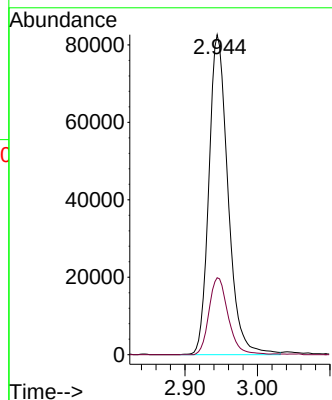
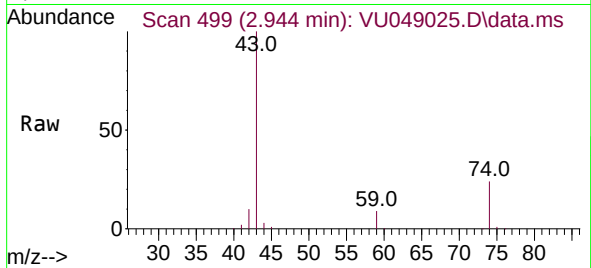




#15
Methyl Acetate
Concen: 46.664 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

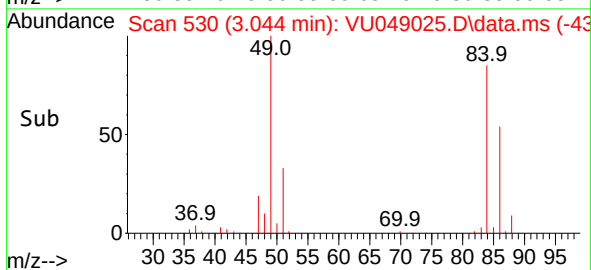
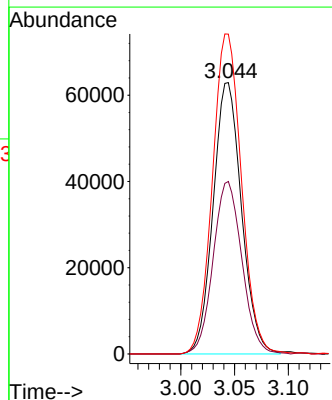
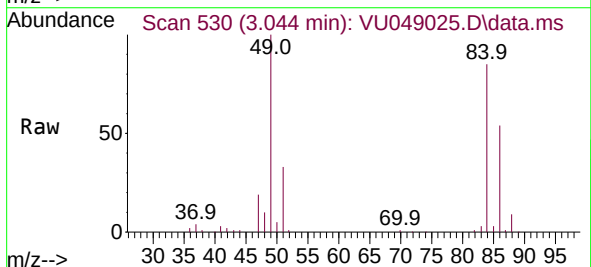
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

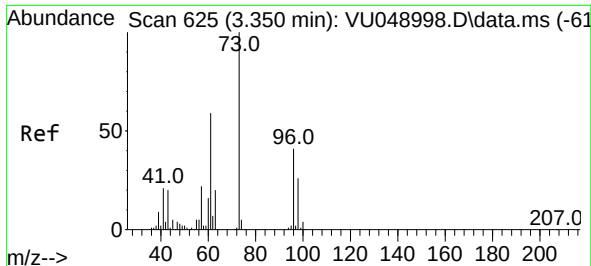
Tgt Ion: 43 Resp: 151490
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6



#16
Methylene chloride
Concen: 46.672 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 84 Resp: 115424
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.0
49 117.9 83.4 155.0

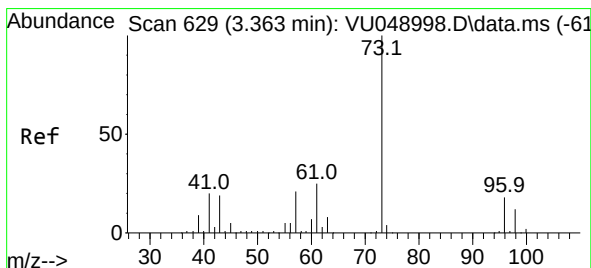
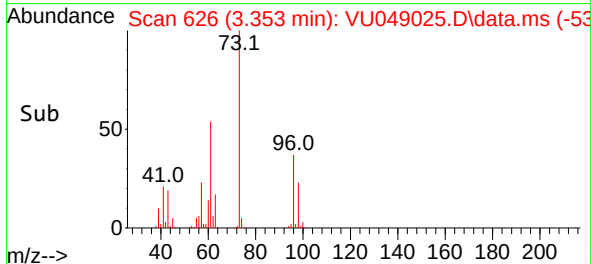
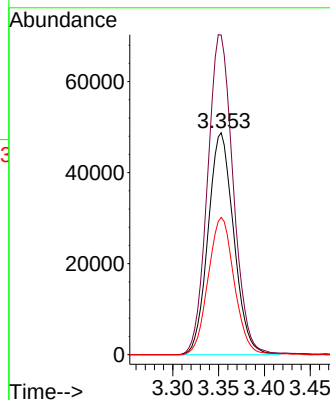
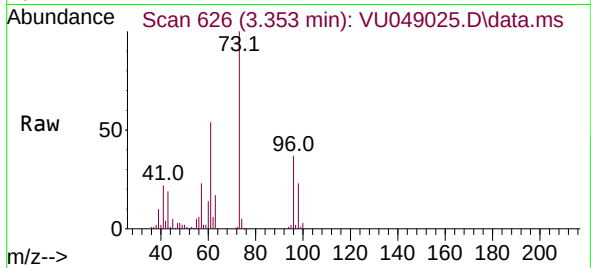




#17
trans-1,2-Dichloroethene
Concen: 45.597 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

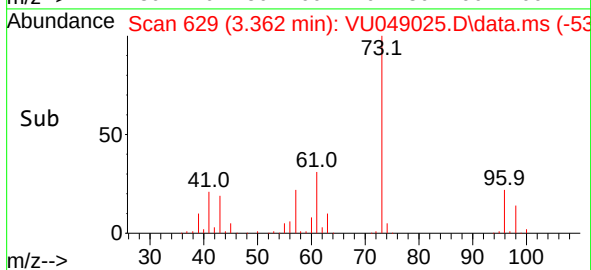
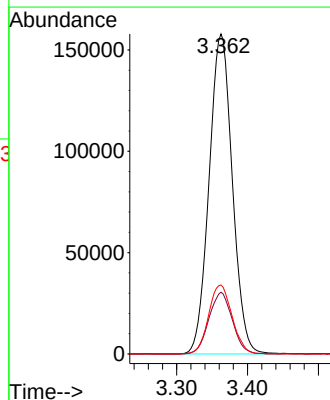
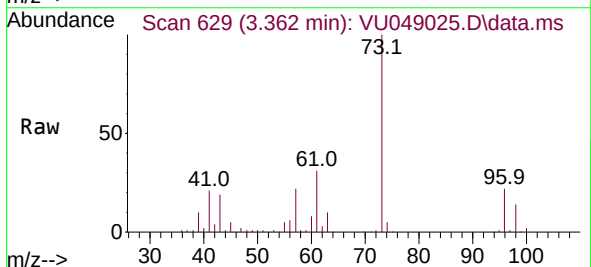
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

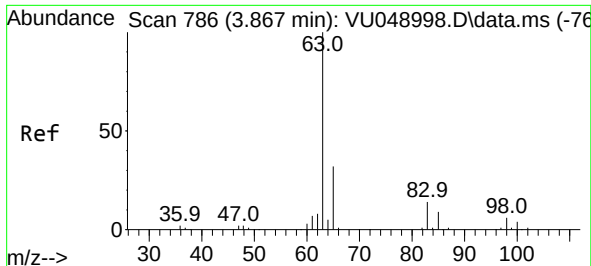
Tgt Ion: 96 Resp: 95211
Ion Ratio Lower Upper
96 100
61 144.0 99.3 184.3
98 61.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 46.023 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 73 Resp: 359512
Ion Ratio Lower Upper
73 100
43 19.4 15.0 22.4
57 21.8 17.3 25.9

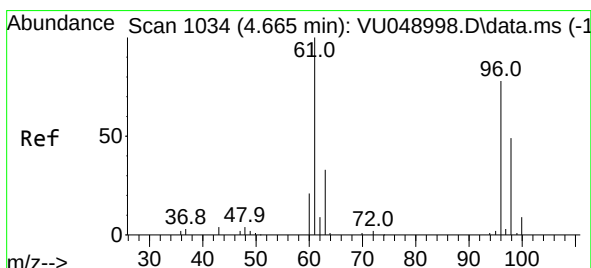
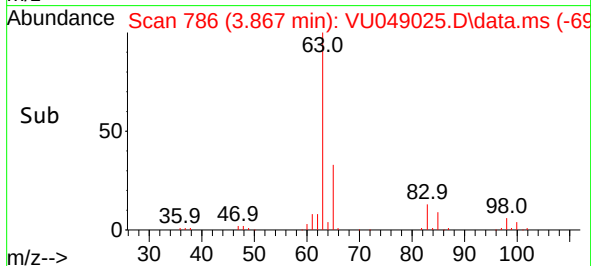
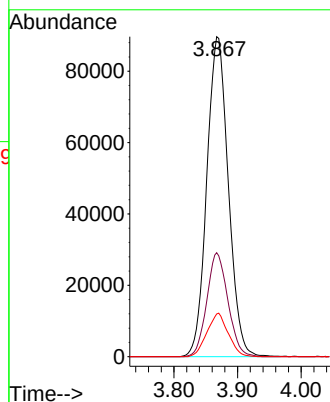
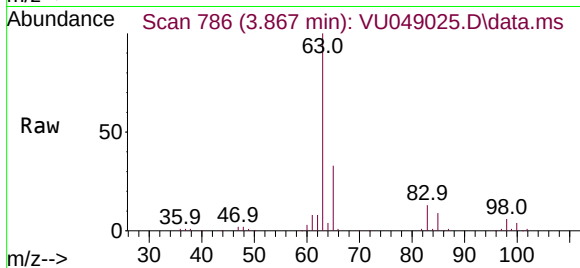




#19
1,1-Dichloroethane
Concen: 46.842 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

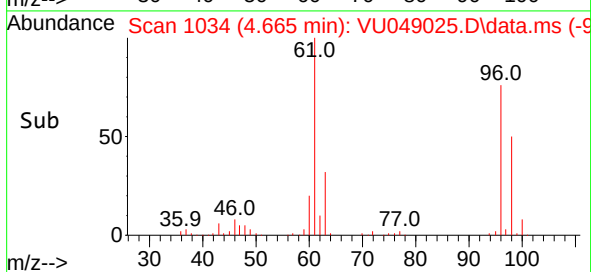
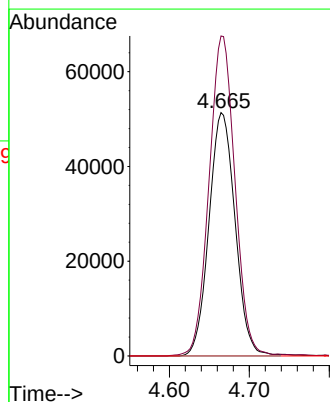
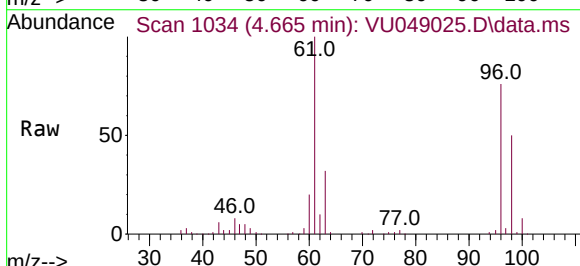
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

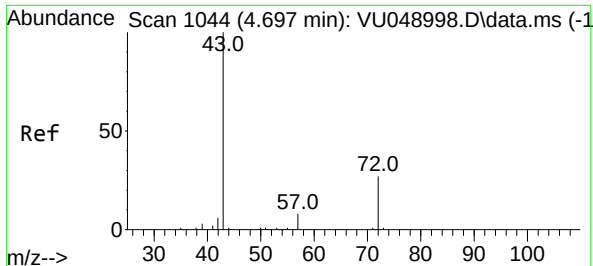
Tgt Ion: 63 Resp: 210717
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.5
83 13.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 45.827 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 96 Resp: 116420
Ion Ratio Lower Upper
96 100
61 131.5 91.6 170.2
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 90.139 ug/L

RT: 4.697 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

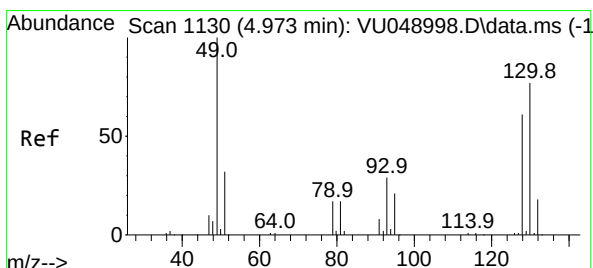
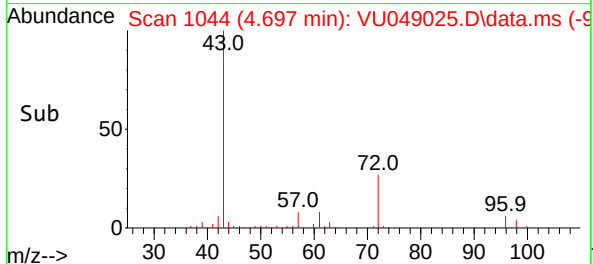
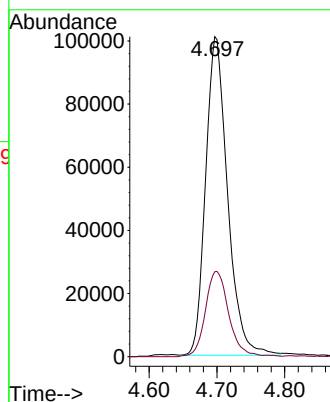
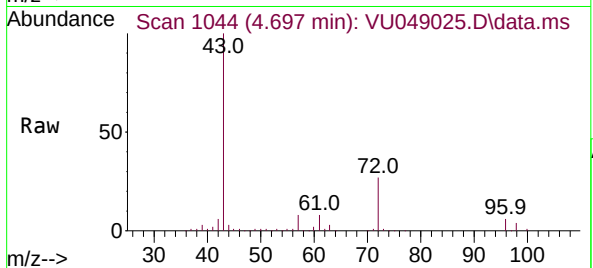
VSTD050146

Tgt Ion: 43 Resp: 226728

Ion Ratio Lower Upper

43 100

72 28.3 13.7 41.0



#23

Bromochloromethane

Concen: 47.280 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Tgt Ion:128 Resp: 63040

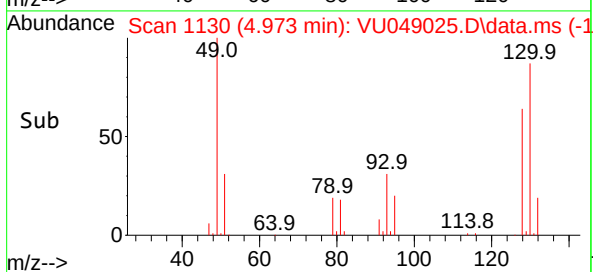
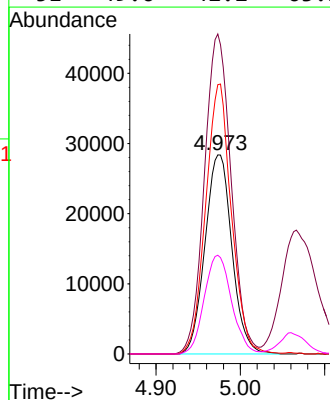
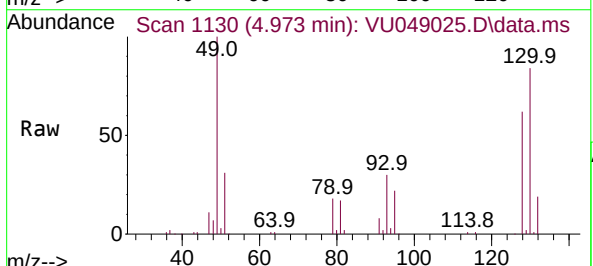
Ion Ratio Lower Upper

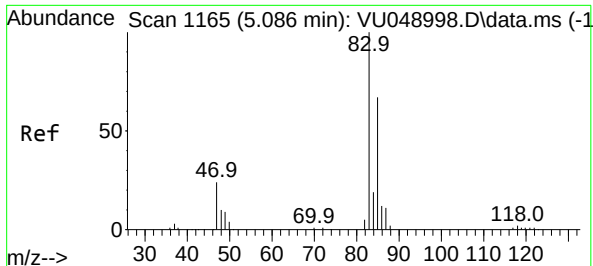
128 100

49 160.8 111.9 207.9

130 135.3 88.6 164.6

51 49.6 42.2 63.2

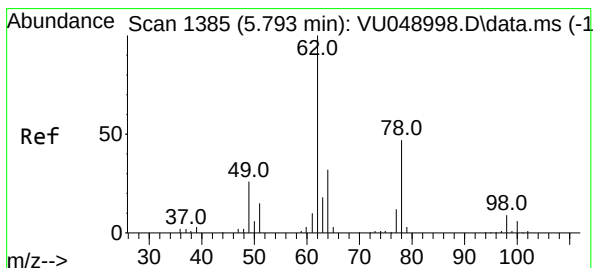
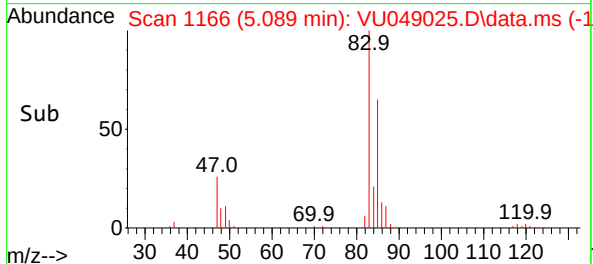
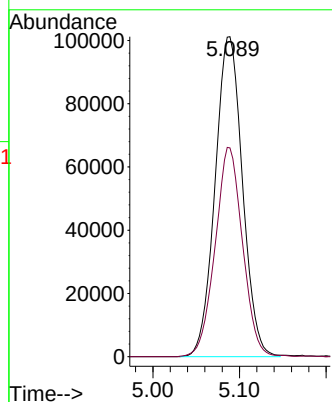
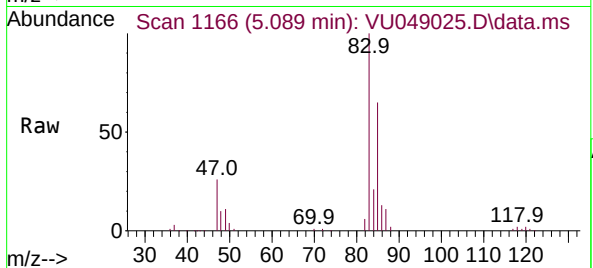




#25
Chloroform
Concen: 47.460 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

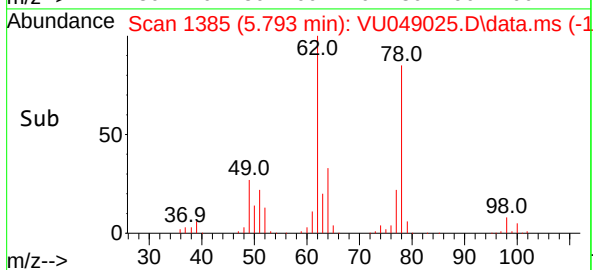
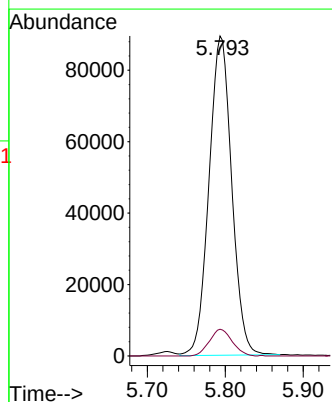
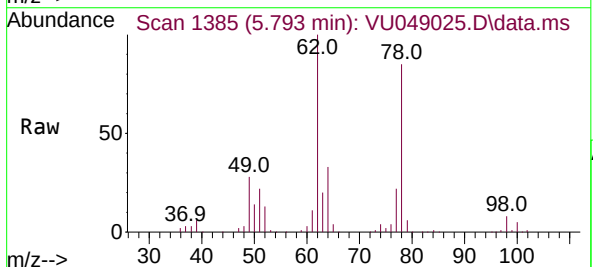
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

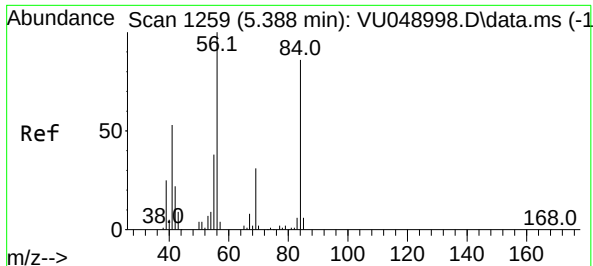
Tgt Ion: 83 Resp: 222499
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 47.335 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 62 Resp: 180646
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4





#29

Cyclohexane

Concen: 47.050 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD050146

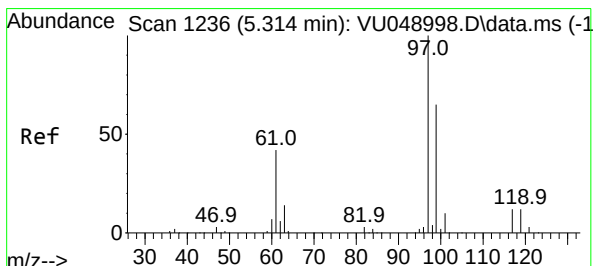
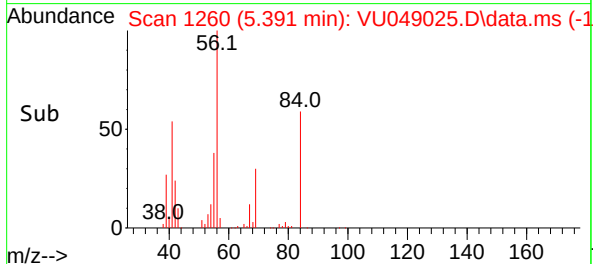
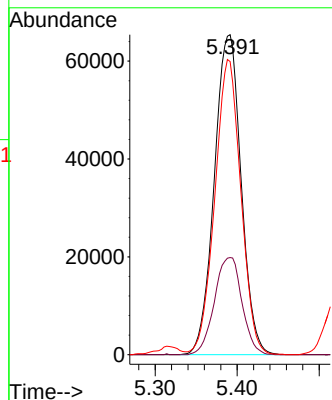
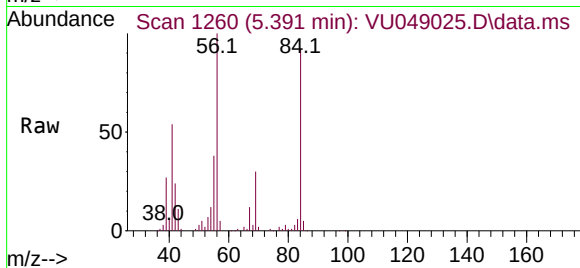
Tgt Ion: 56 Resp: 148784

Ion Ratio Lower Upper

56 100

69 31.1 24.6 36.8

84 89.3 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 49.899 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

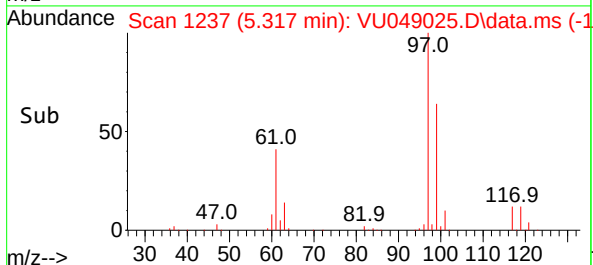
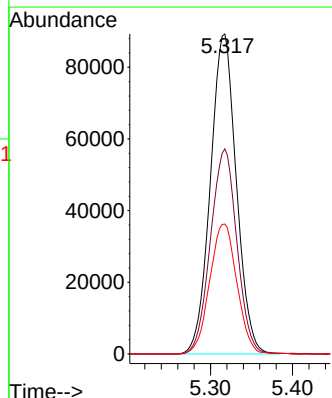
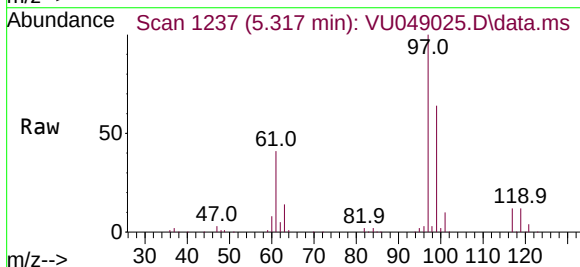
Tgt Ion: 97 Resp: 196629

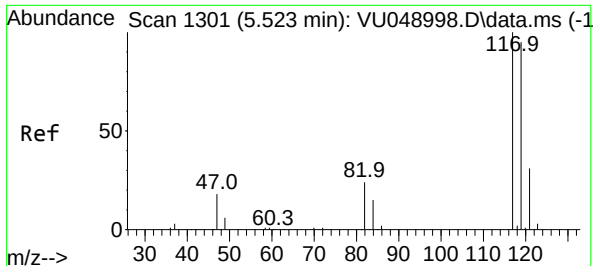
Ion Ratio Lower Upper

97 100

99 65.2 50.9 76.3

61 42.6 34.2 51.2

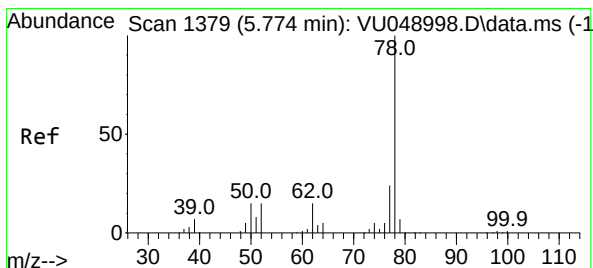
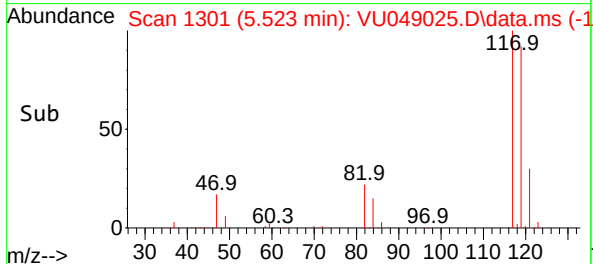
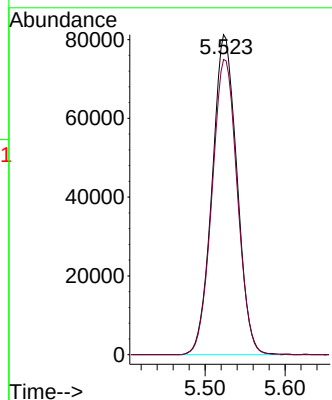
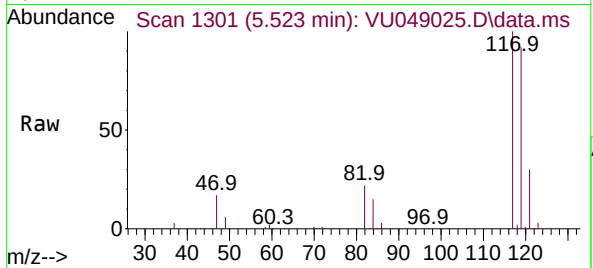




#31
Carbon tetrachloride
Concen: 50.642 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

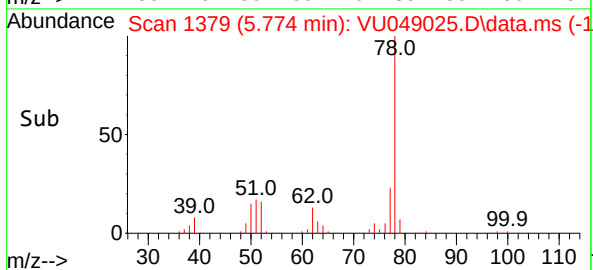
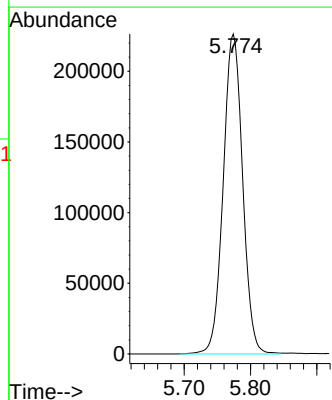
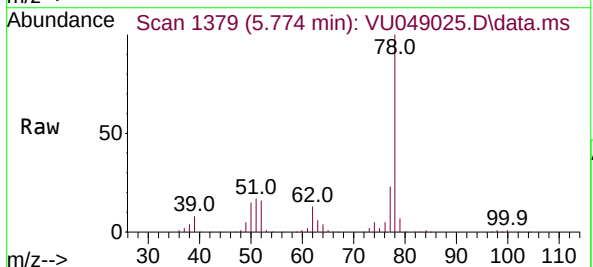
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

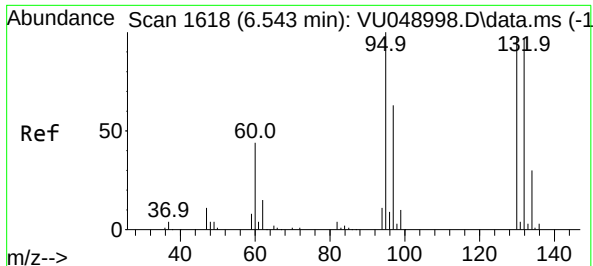
Tgt Ion:117 Resp: 174530
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7



#33
Benzene
Concen: 50.286 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 78 Resp: 460334

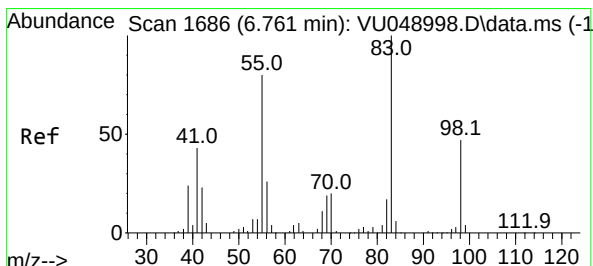
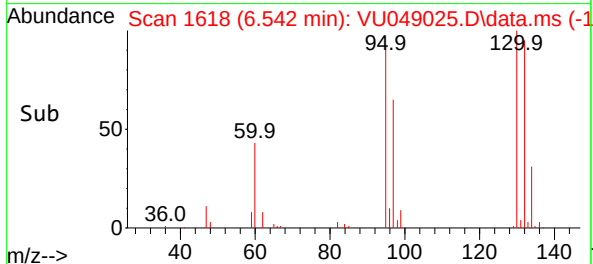
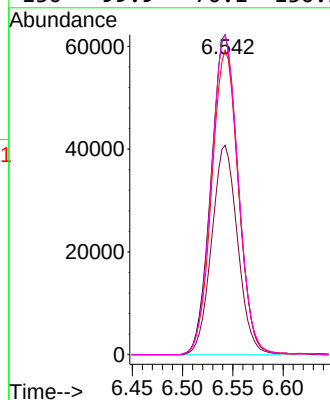
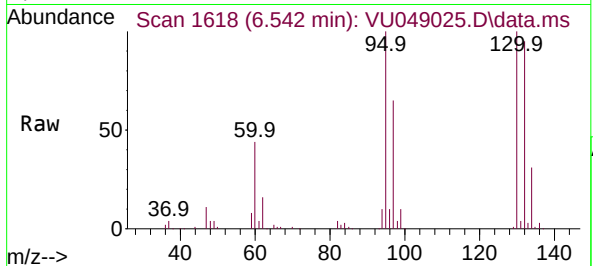




#34
Trichloroethene
Concen: 50.326 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

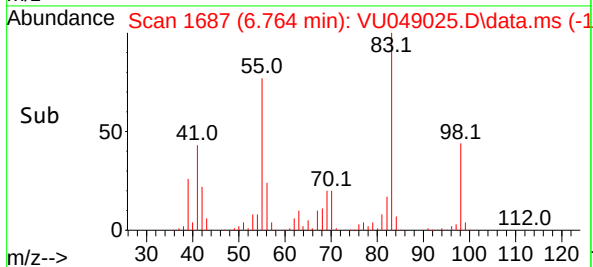
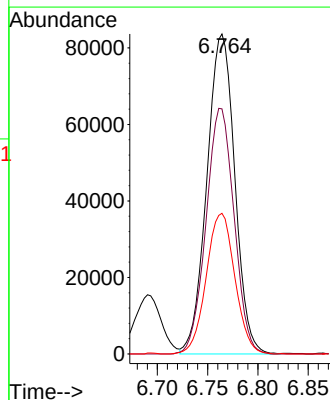
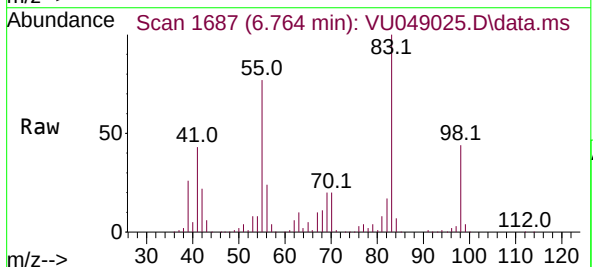
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

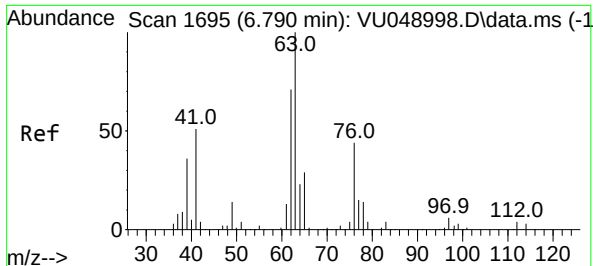
Tgt Ion: 95 Resp: 116127
Ion Ratio Lower Upper
95 100
97 65.5 45.4 84.4
132 95.2 67.6 125.6
130 99.9 70.1 130.3



#35
Methylcyclohexane
Concen: 50.234 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 83 Resp: 161800
Ion Ratio Lower Upper
83 100
55 76.9 61.0 91.6
98 45.0 36.8 55.2





#37

1,2-Dichloropropane

Concen: 51.039 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

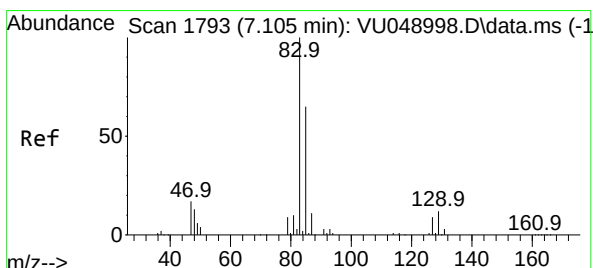
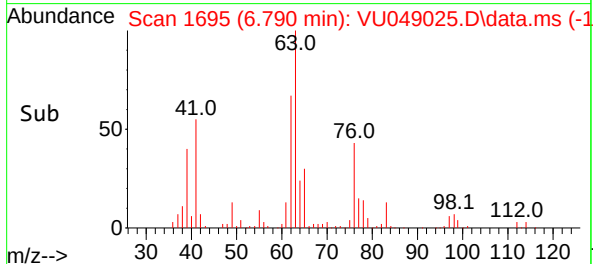
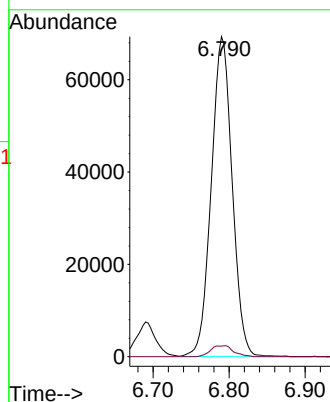
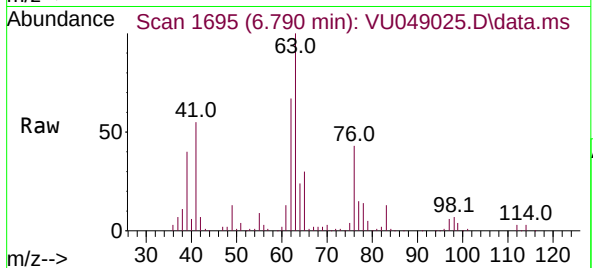
VSTD050146

Tgt Ion: 63 Resp: 131753

Ion Ratio Lower Upper

63 100

112 2.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 51.701 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

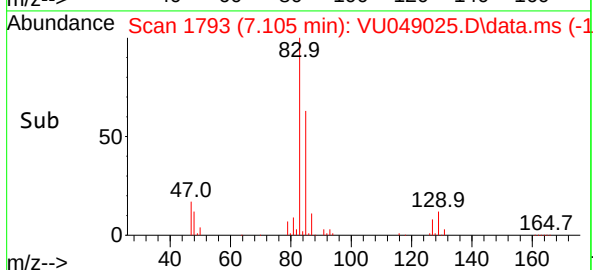
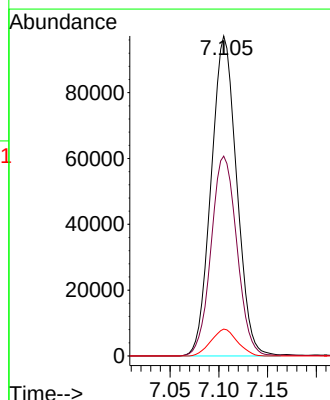
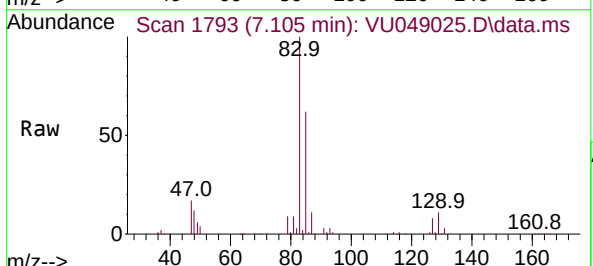
Tgt Ion: 83 Resp: 177196

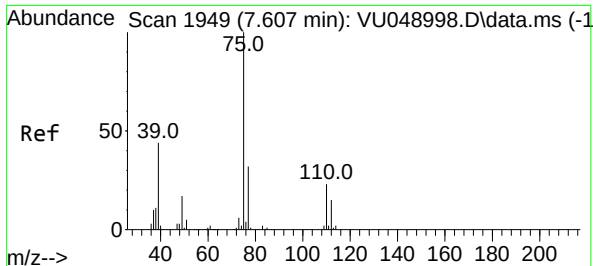
Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.6

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 47.315 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

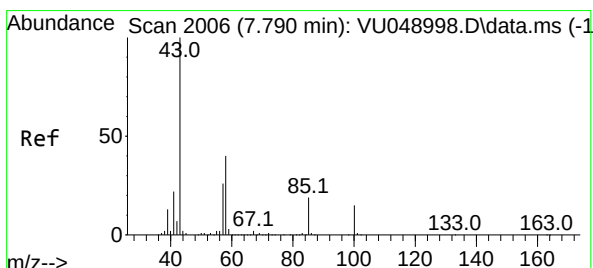
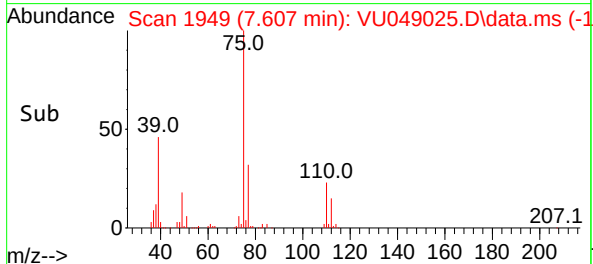
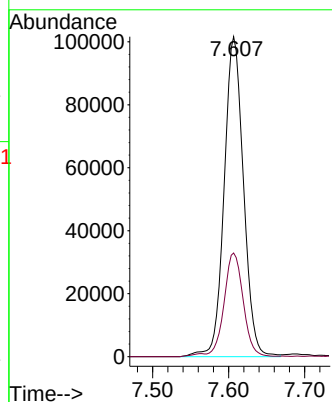
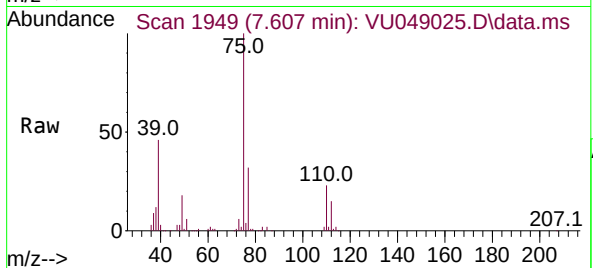
VSTD050146

Tgt Ion: 75 Resp: 179725

Ion Ratio Lower Upper

75 100

77 32.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 98.659 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

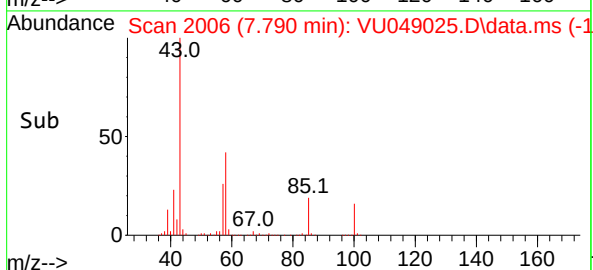
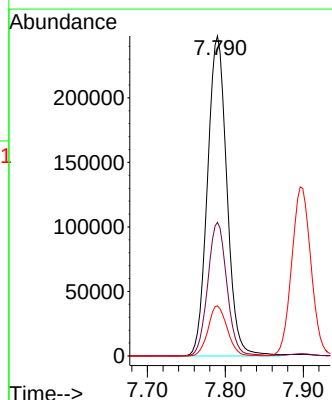
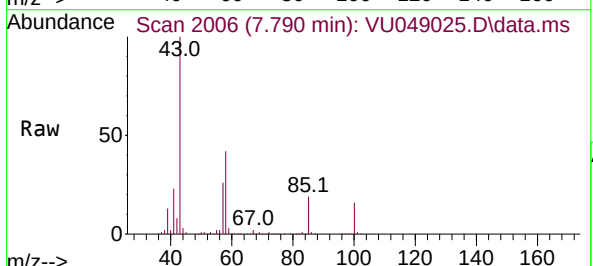
Tgt Ion: 43 Resp: 429079

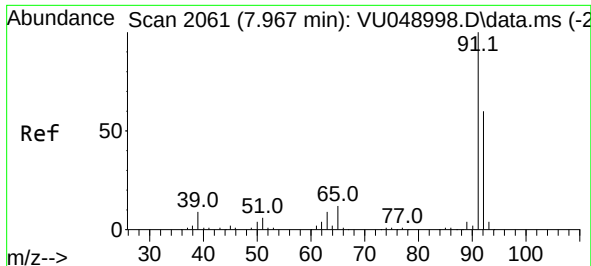
Ion Ratio Lower Upper

43 100

58 41.3 32.2 48.4

100 15.5 12.3 18.5





#42

Toluene

Concen: 52.390 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

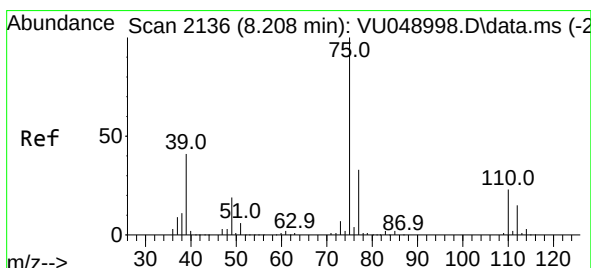
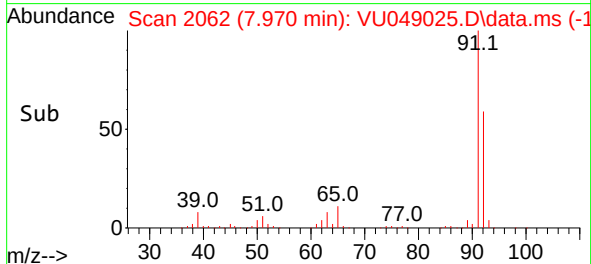
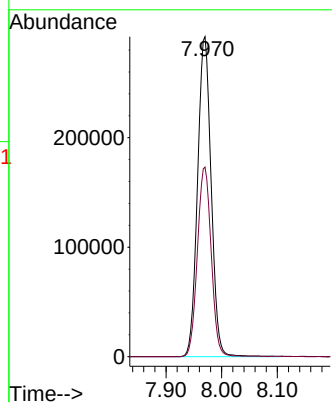
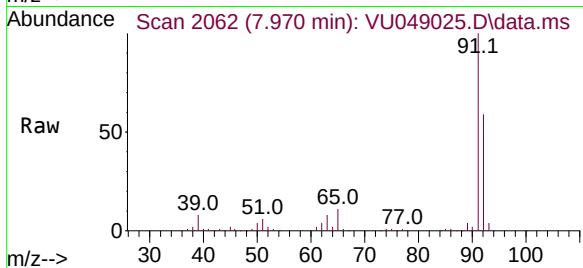
VSTD050146

Tgt Ion: 91 Resp: 495708

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 48.096 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU049025.D

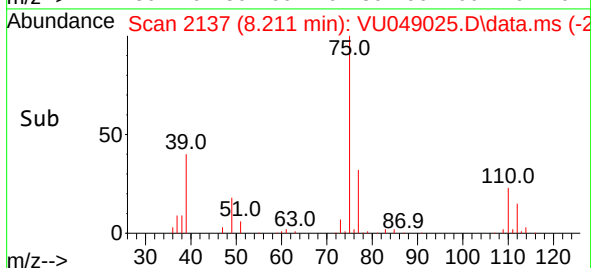
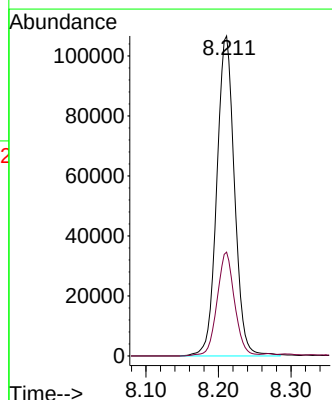
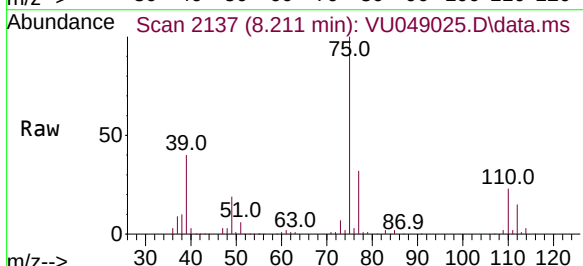
Acq: 11 Jun 2022 02:28

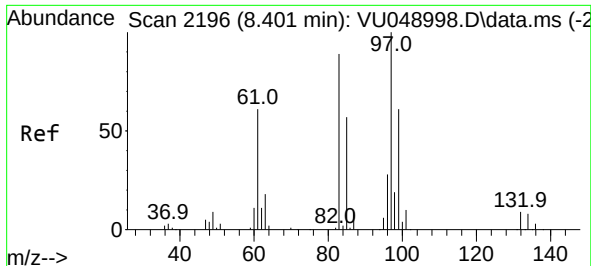
Tgt Ion: 75 Resp: 180900

Ion Ratio Lower Upper

75 100

77 32.5 21.9 40.7



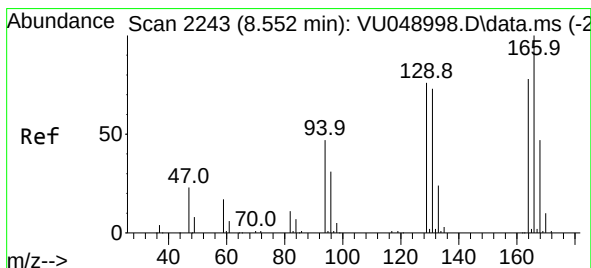
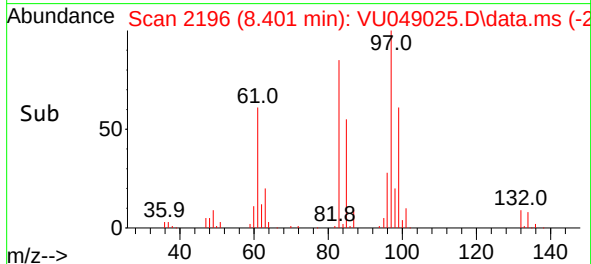
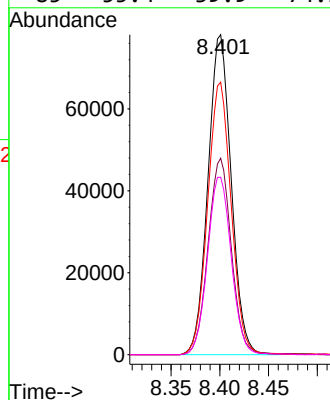
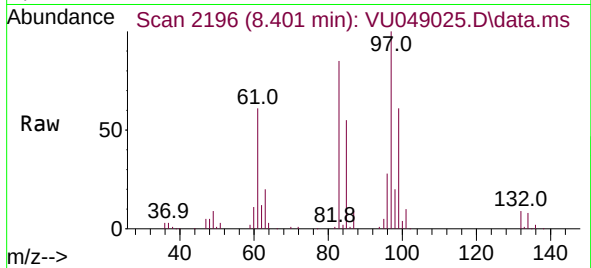


#45
1,1,2-Trichloroethane
Concen: 51.884 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

Tgt Ion: 97 Resp: 129784

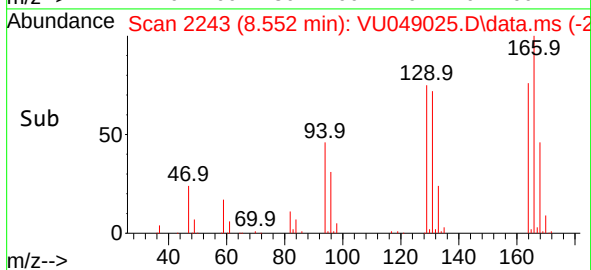
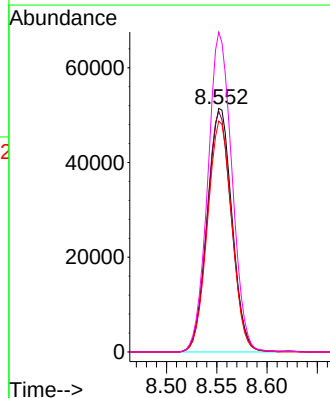
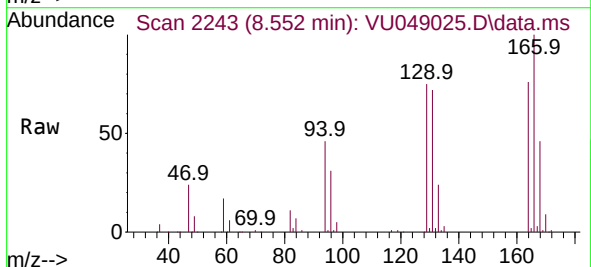
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.9
83	85.2	60.3	112.1
85	55.4	39.9	74.1

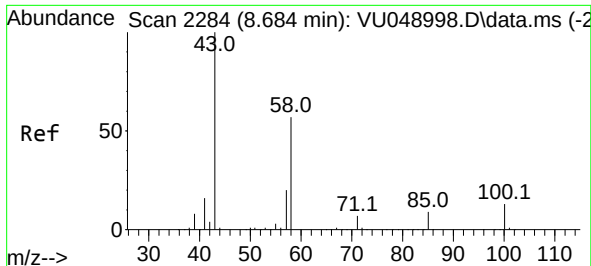


#46
Tetrachloroethene
Concen: 49.234 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 164 Resp: 88077

Ion	Ratio	Lower	Upper
164	100		
129	98.8	70.9	131.7
131	94.8	66.2	123.0
166	131.4	88.1	163.5



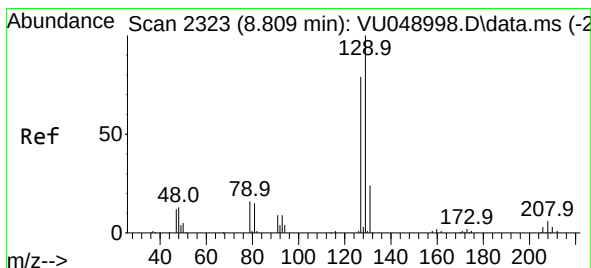
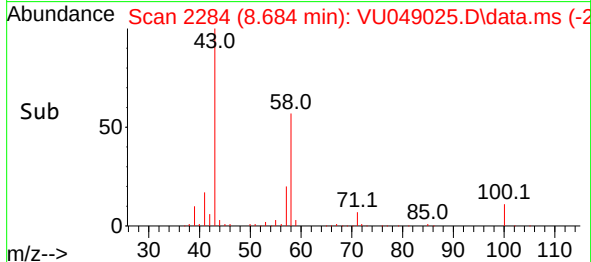
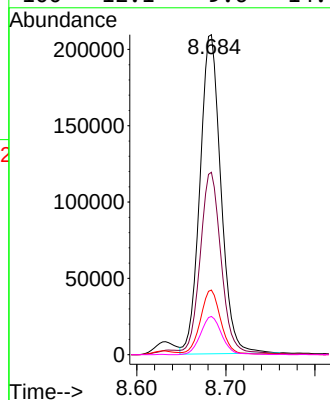
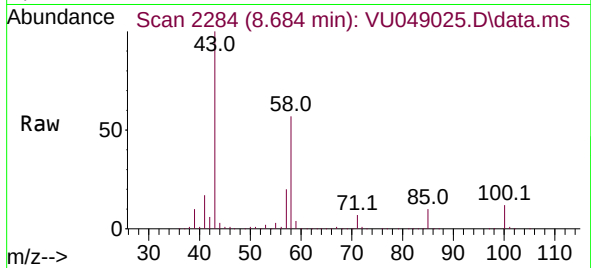


#48
2-Hexanone
Concen: 96.559 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

Tgt Ion: 43 Resp: 341398

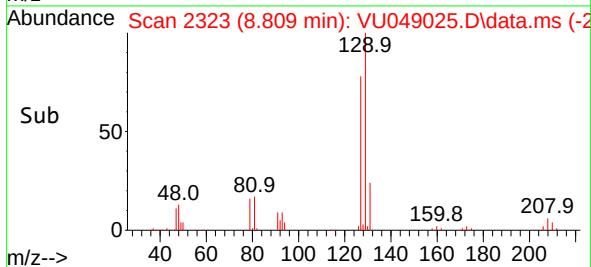
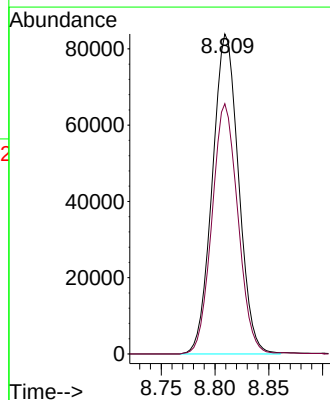
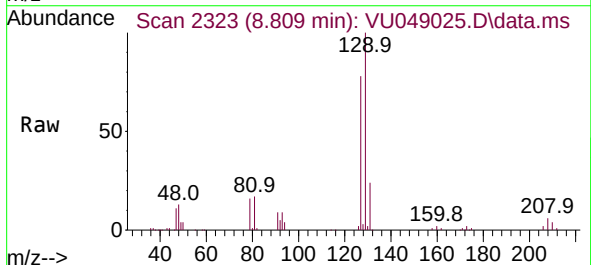
Ion	Ratio	Lower	Upper
43	100		
58	58.0	45.8	68.8
57	19.6	16.2	24.4
100	12.1	9.6	14.4

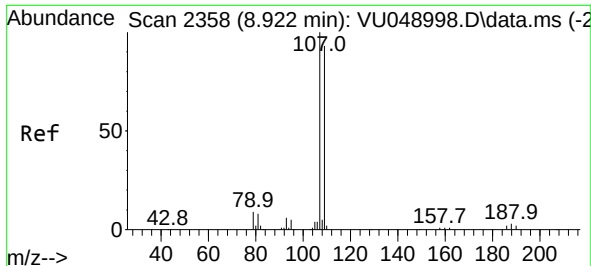


#49
Dibromochloromethane
Concen: 51.122 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 129 Resp: 142381

Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.5	99.5

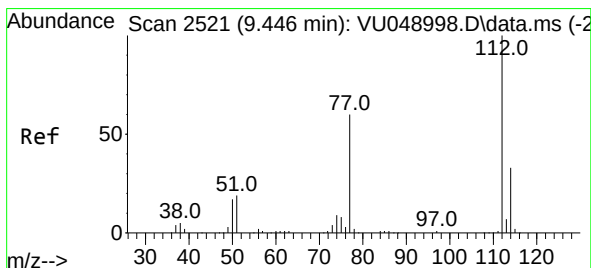
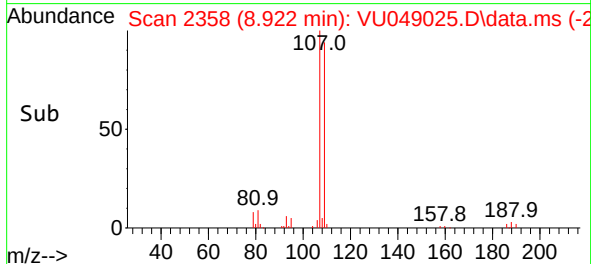
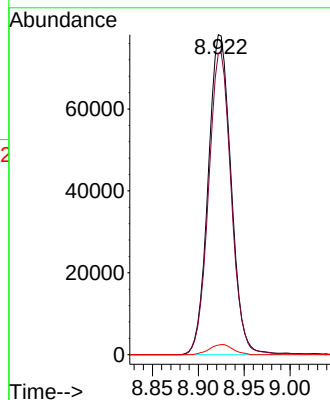
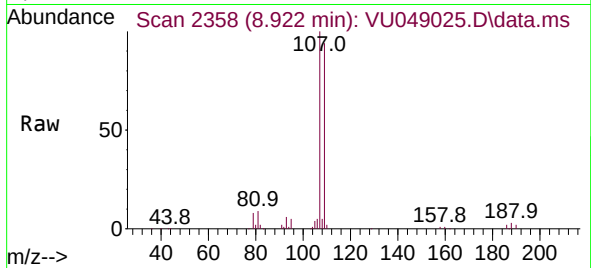




#50
1,2-Dibromoethane
Concen: 51.519 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

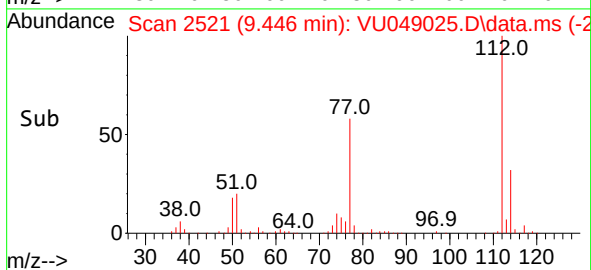
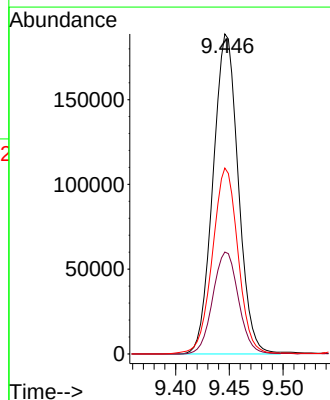
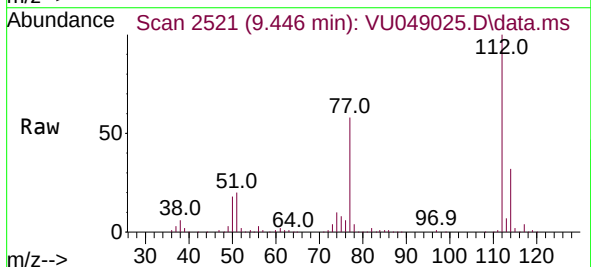
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

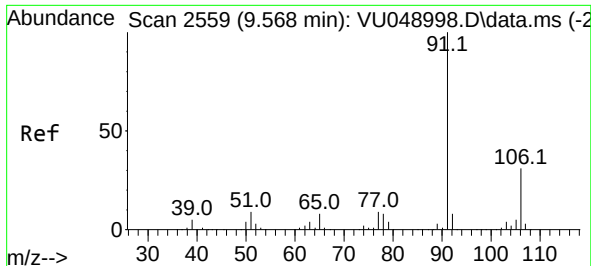
Tgt Ion:107 Resp: 135575
Ion Ratio Lower Upper
107 100
109 94.1 67.2 124.8
188 3.0 2.7 4.1



#51
Chlorobenzene
Concen: 48.246 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion:112 Resp: 308582
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 58.1 47.1 70.7

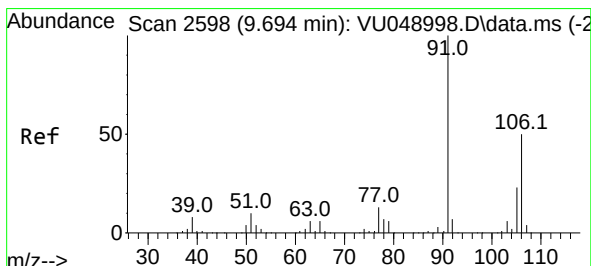
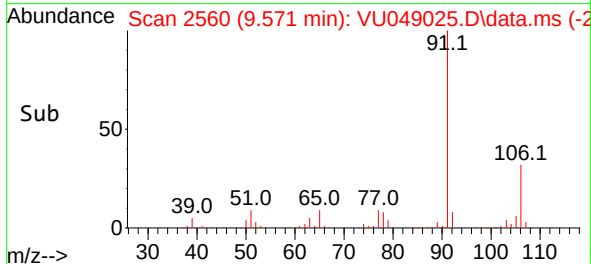
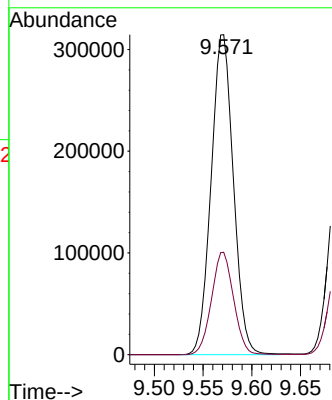
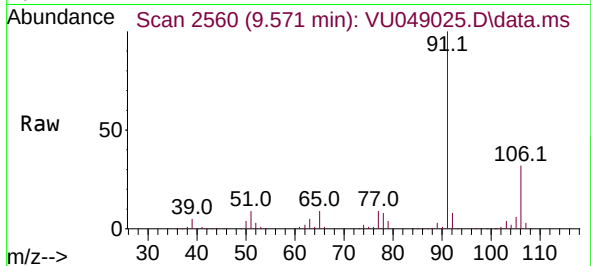




#52
Ethylbenzene
Concen: 48.624 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

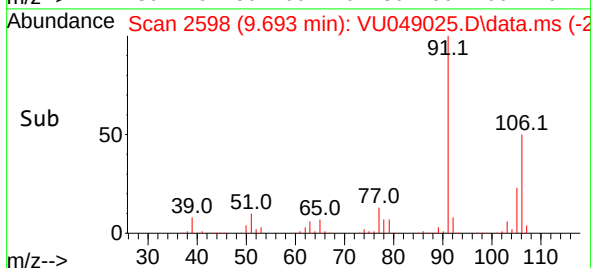
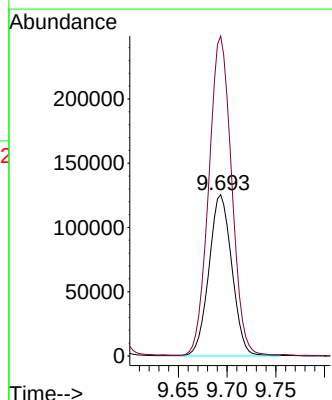
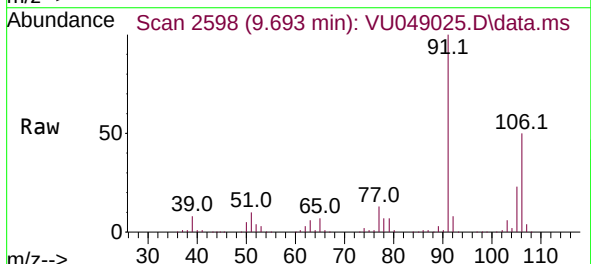
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

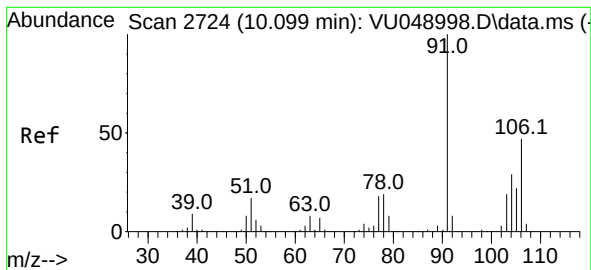
Tgt Ion: 91 Resp: 500224
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 50.917 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 106 Resp: 205701
Ion Ratio Lower Upper
106 100
91 198.5 137.4 255.2





#54

o-Xylene

Concen: 50.949 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

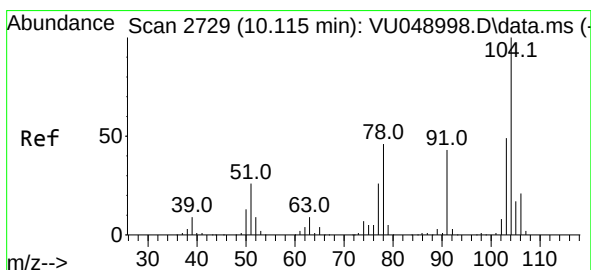
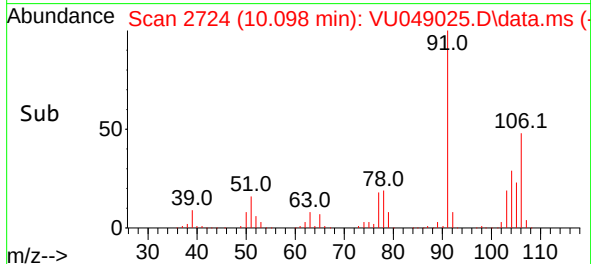
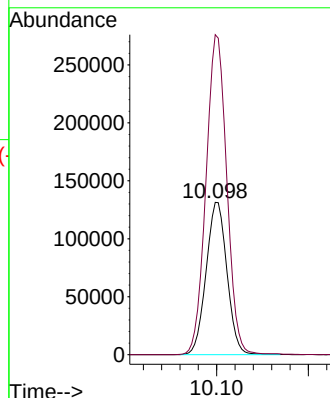
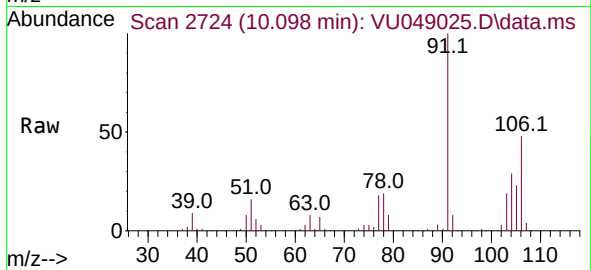
VSTD050146

Tgt Ion:106 Resp: 207381

Ion Ratio Lower Upper

106 100

91 210.1 145.2 269.6



#55

Styrene

Concen: 51.228 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049025.D

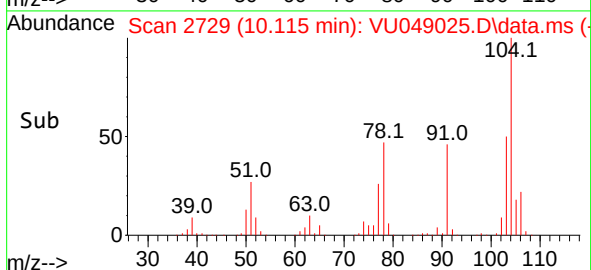
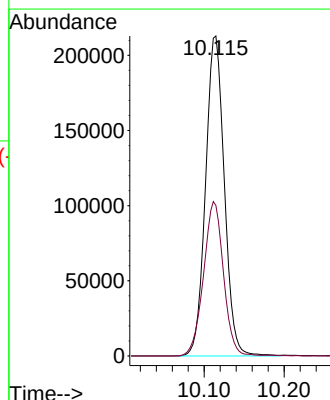
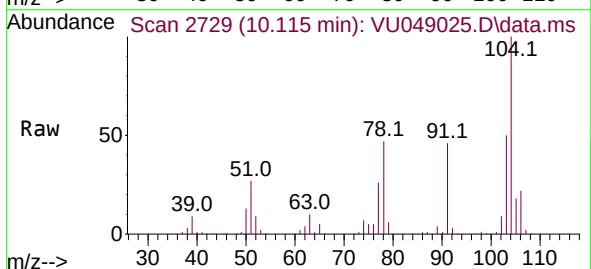
Acq: 11 Jun 2022 02:28

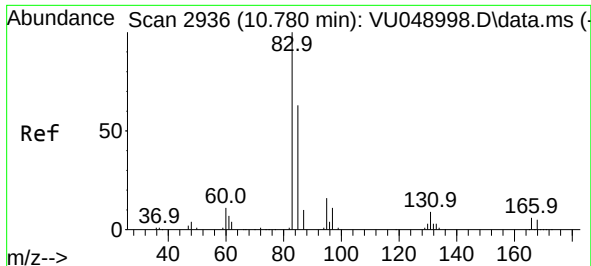
Tgt Ion:104 Resp: 348209

Ion Ratio Lower Upper

104 100

78 47.1 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 48.329 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD050146

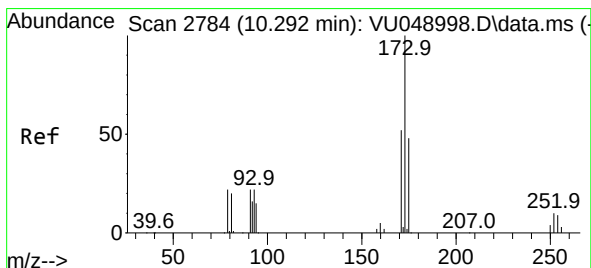
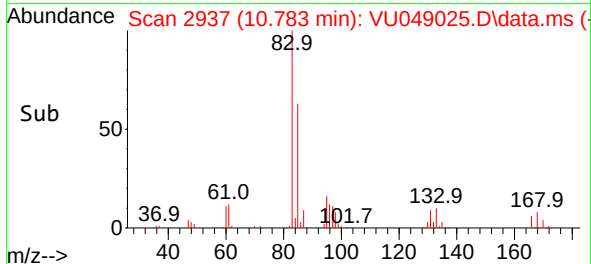
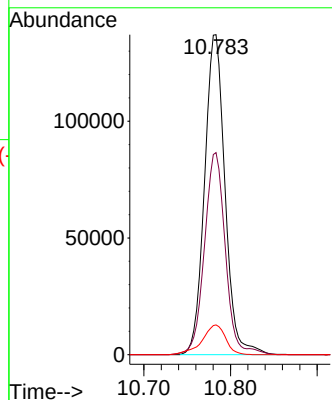
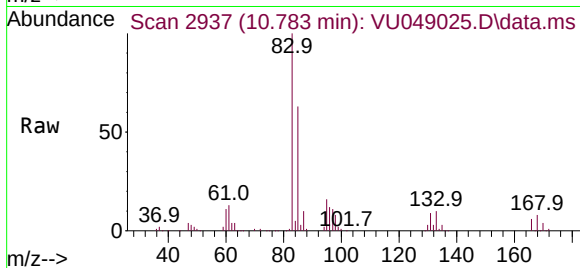
Tgt Ion: 83 Resp: 225289

Ion Ratio Lower Upper

83 100

85 63.1 44.5 82.7

131 9.3 7.6 11.4



#59

Bromoform

Concen: 47.703 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

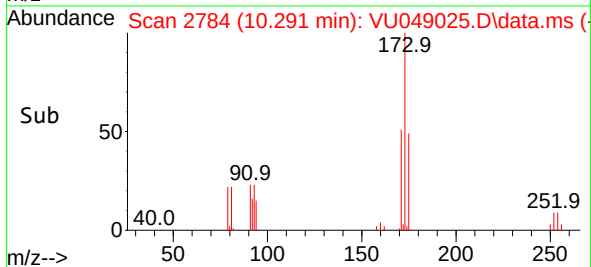
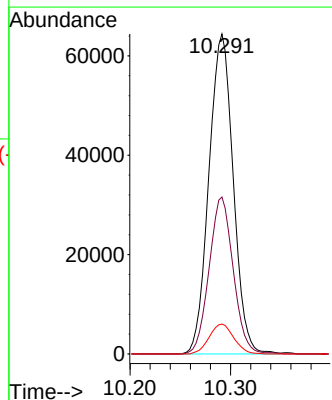
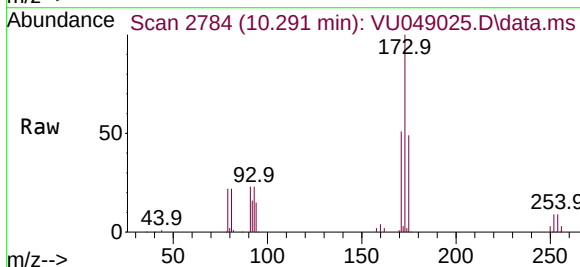
Tgt Ion:173 Resp: 108284

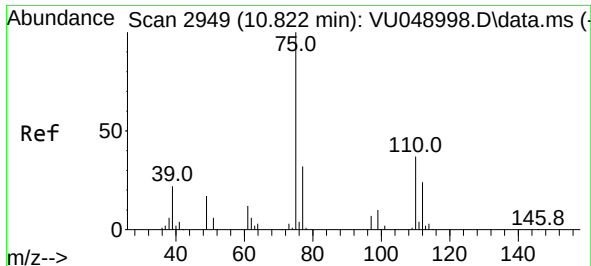
Ion Ratio Lower Upper

173 100

175 48.4 37.8 56.8

254 9.5 7.2 10.8

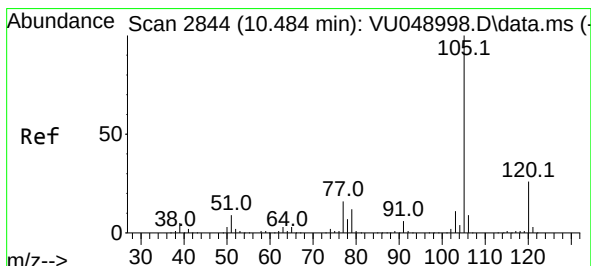
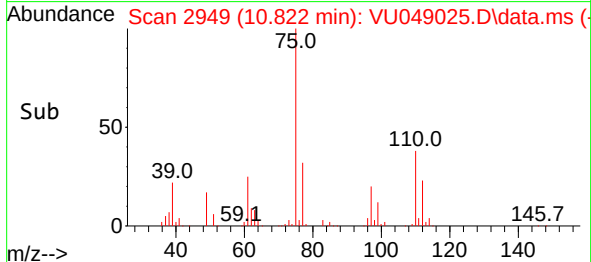
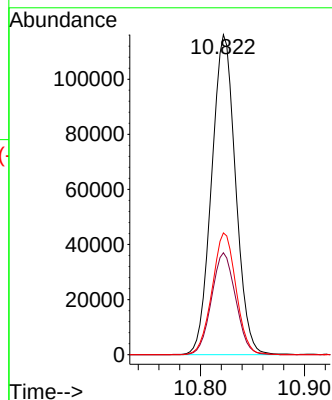
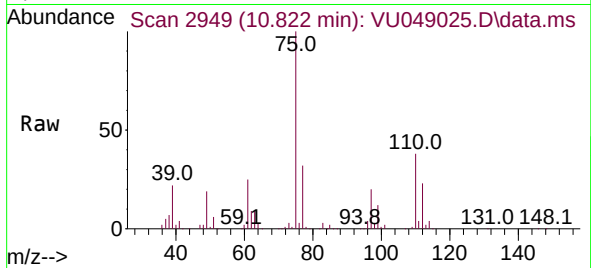




#60
1,2,3-Trichloropropane
Concen: 47.699 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

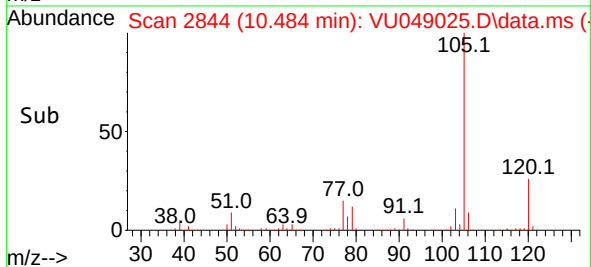
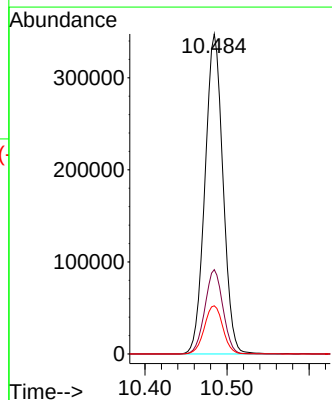
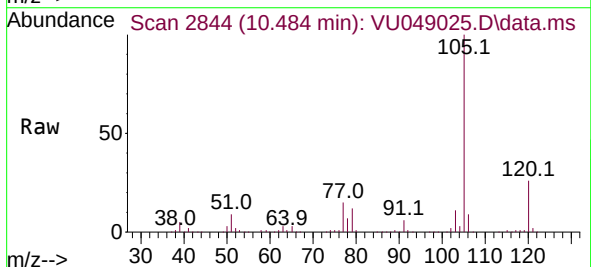
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

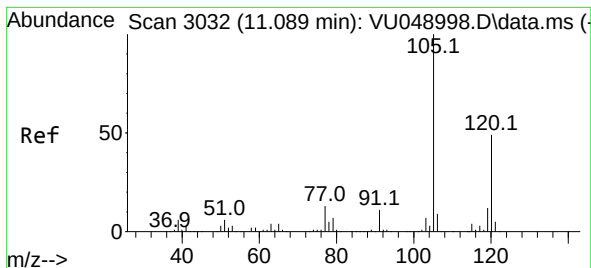
Tgt Ion: 75 Resp: 186097
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
110 37.9 30.2 45.4



#61
Isopropylbenzene
Concen: 50.651 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 105 Resp: 529197
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.5 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 50.978 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049025.D

Acq: 11 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

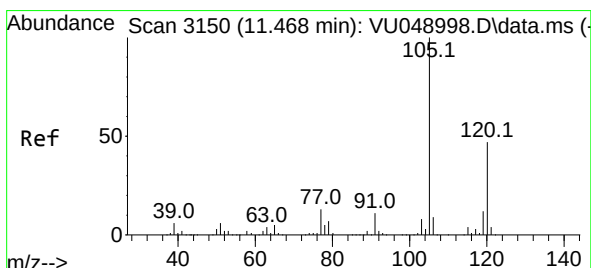
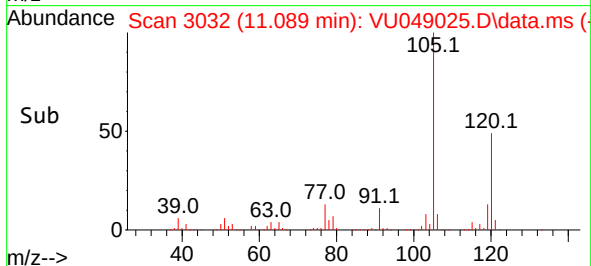
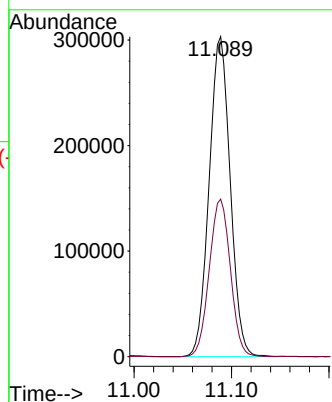
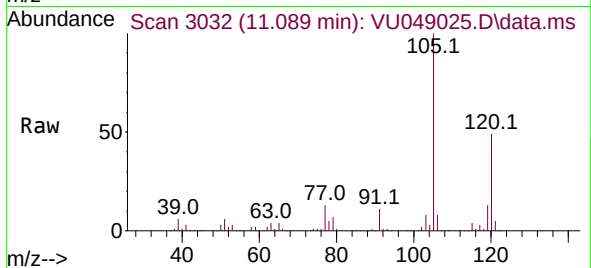
VSTD050146

Tgt Ion:105 Resp: 454718

Ion Ratio Lower Upper

105 100

120 49.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 49.989 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049025.D

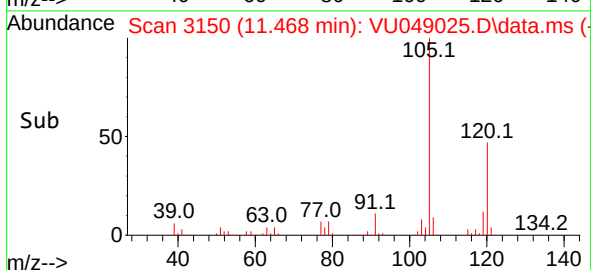
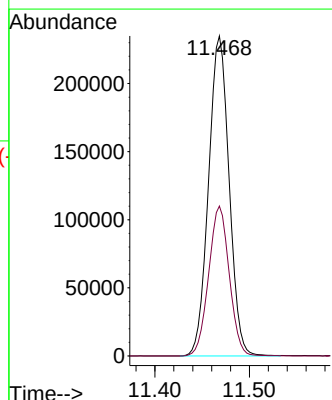
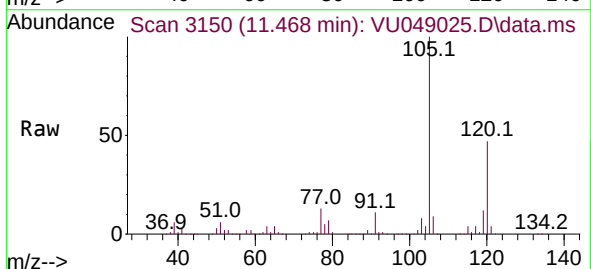
Acq: 11 Jun 2022 02:28

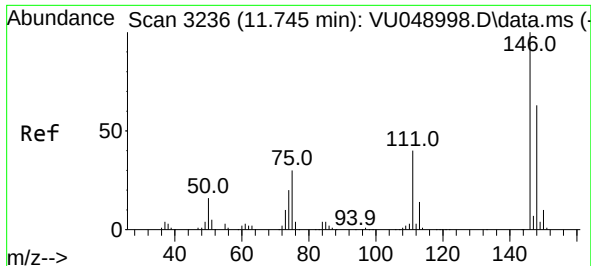
Tgt Ion:105 Resp: 354997

Ion Ratio Lower Upper

105 100

120 46.9 36.3 54.5

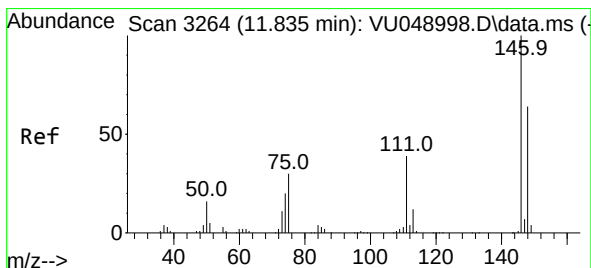
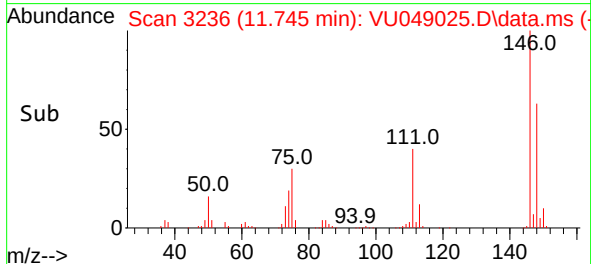
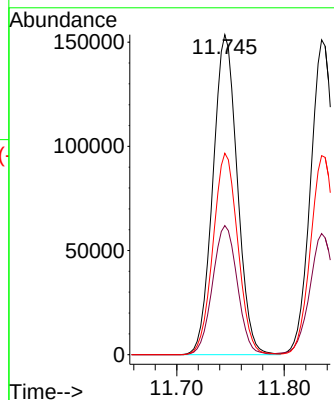
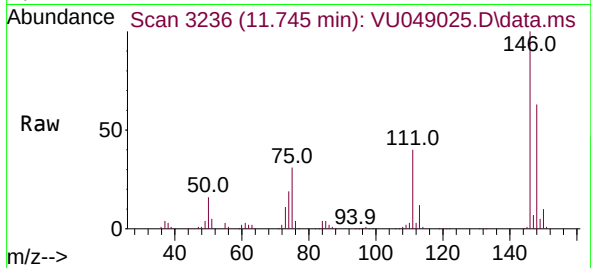




#64
1,3-Dichlorobenzene
Concen: 47.235 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

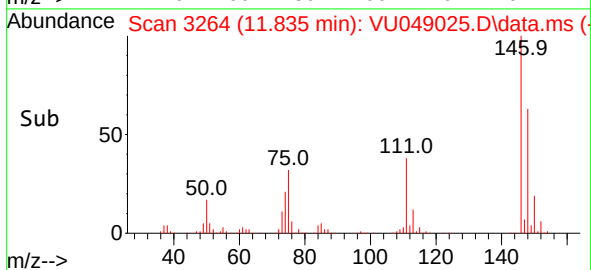
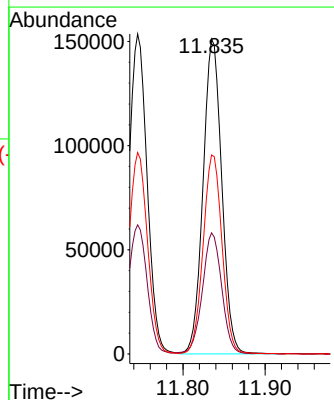
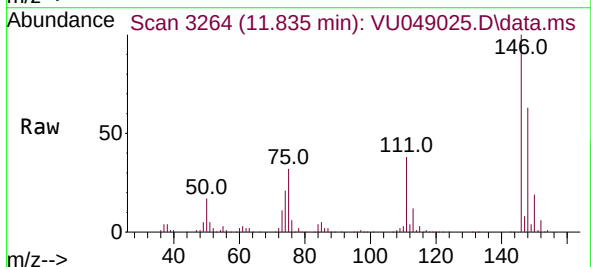
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

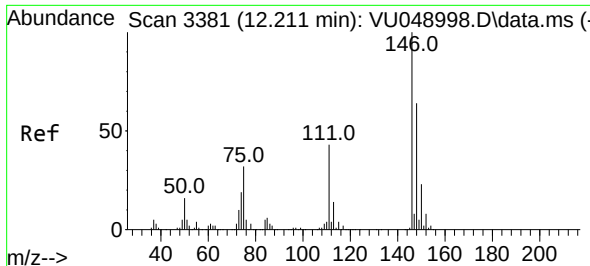
Tgt Ion:146 Resp: 242084
Ion Ratio Lower Upper
146 100
111 40.3 29.8 55.3
148 63.0 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 46.168 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion:146 Resp: 239570
Ion Ratio Lower Upper
146 100
111 38.5 28.1 52.1
148 63.2 44.9 83.3

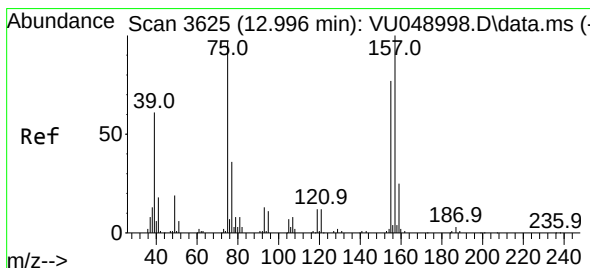
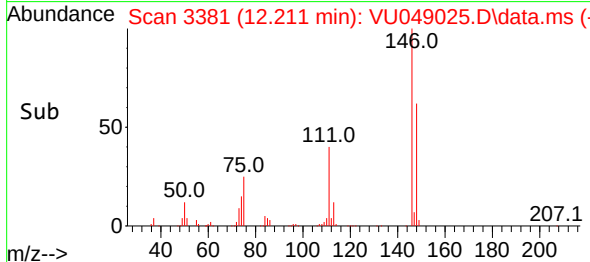
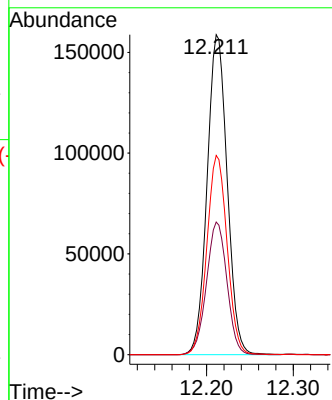
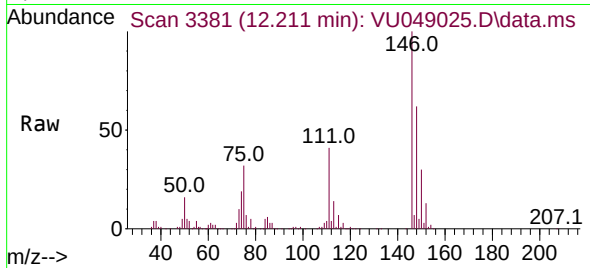




#67
1,2-Dichlorobenzene
Concen: 48.053 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

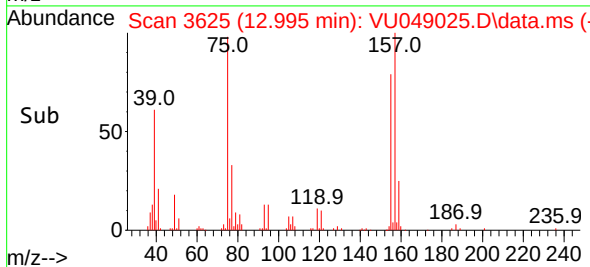
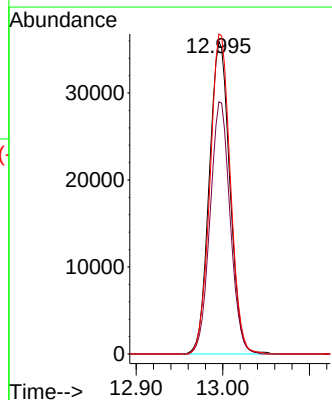
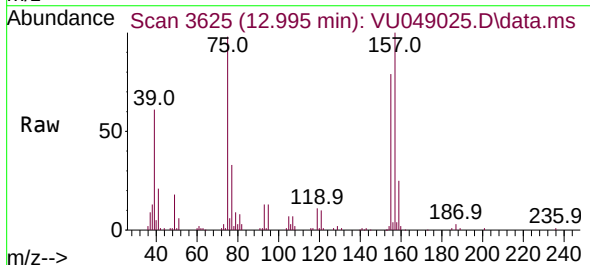
Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

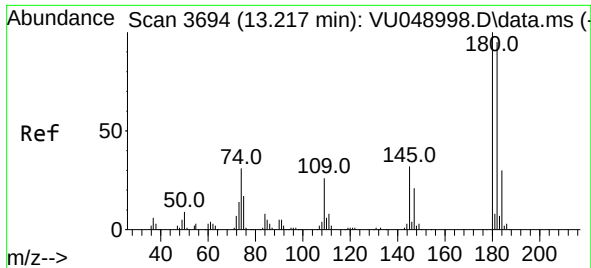
Tgt Ion:146 Resp: 255580
Ion Ratio Lower Upper
146 100
111 41.5 33.9 50.9
148 62.2 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.040 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion: 75 Resp: 59286
Ion Ratio Lower Upper
75 100
155 80.7 61.0 91.6
157 102.4 77.6 116.4

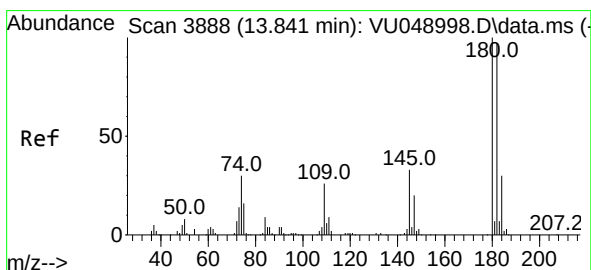
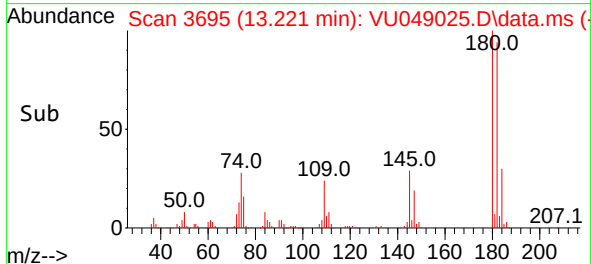
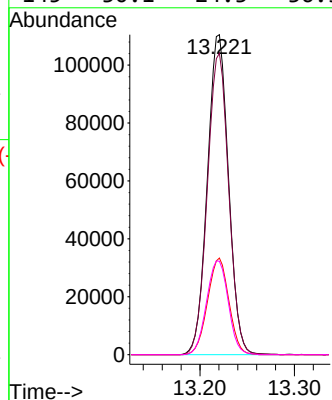
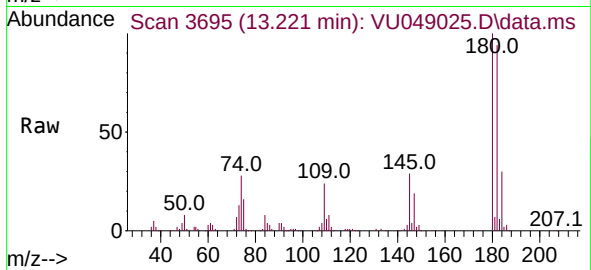




#69
 1,3,5-Trichlorobenzene
 Concen: 46.889 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU049025.D
 Acq: 11 Jun 2022 02:28

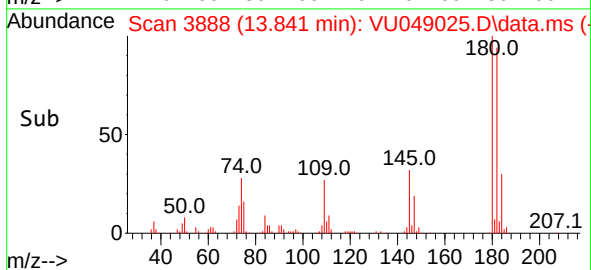
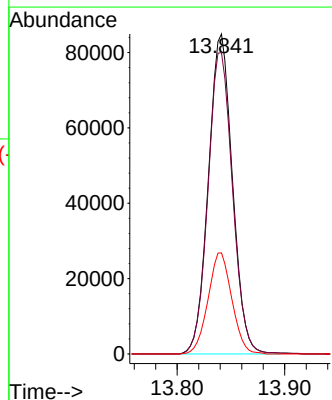
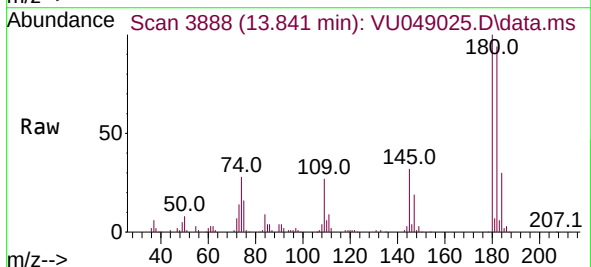
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050146

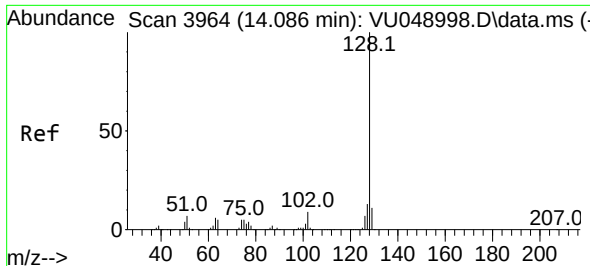
Tgt Ion:180	Resp:	171675
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.0 114.0
184	30.5	24.5 36.7
145	30.1	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 42.654 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049025.D
 Acq: 11 Jun 2022 02:28

Tgt Ion:180	Resp:	132058
Ion Ratio	Lower	Upper
180	100	
182	95.9	78.2 117.2
145	31.2	25.0 37.4

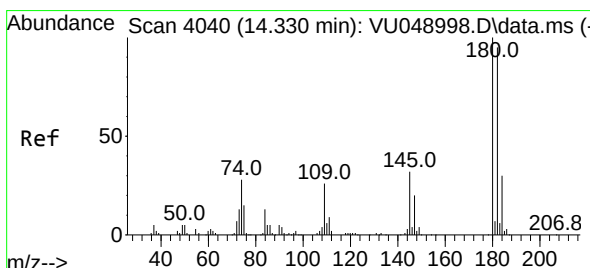
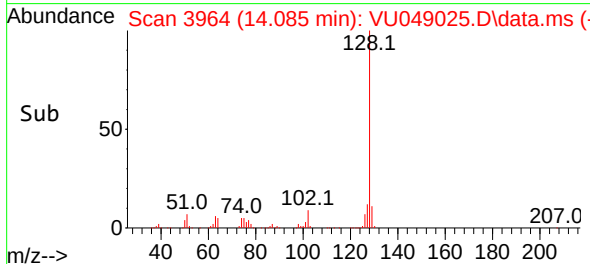
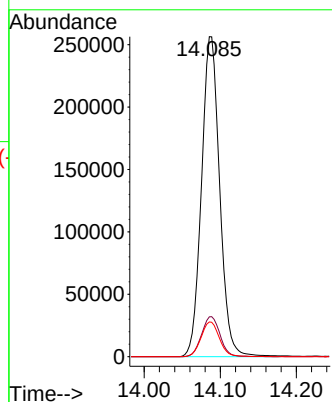
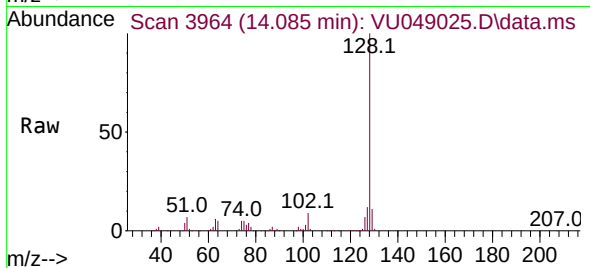




#71
Naphthalene
Concen: 38.897 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

Tgt Ion:128 Resp: 426061
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.842 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049025.D
Acq: 11 Jun 2022 02:28

Tgt Ion:180 Resp: 146855
Ion Ratio Lower Upper
180 100
182 94.3 77.3 115.9
145 32.3 26.3 39.5

