

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053939.D
 Acq On : 27 Apr 2023 16:18
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Apr 28 07:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133738	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30436	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.916	69	27083	3.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	13549	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.636	46	75695	50.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	5.060	84	72748	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.697	65	33186	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	139956	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.687	67	43007	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.896	98	130679	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	16281	4.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.629	63	63327	50.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34660	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	48480	4.558	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54708	5.514	ug/L	95
3) Chloromethane	1.520	50	52615	5.461	ug/L	99
5) Vinyl chloride	1.604	62	61988	5.576	ug/L	97
6) Bromomethane	1.858	94	41869	5.788	ug/L	96
8) Chloroethane	1.935	64	37186	5.359	ug/L	99
9) Trichlorofluoromethane	2.137	101	89426	5.449	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	53773	5.638	ug/L	98
12) 1,1-Dichloroethene	2.581	96	46743	5.557	ug/L	90
13) Acetone	2.645	43	69729	57.632	ug/L	98
14) Carbon disulfide	2.793	76	122626	5.320	ug/L	100
15) Methyl Acetate	2.954	43	14650	5.610	ug/L	94
16) Methylene chloride	3.044	84	53991	4.703	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	100901	5.537	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	48239	5.675	ug/L	100
19) 1,1-Dichloroethane	3.867	63	88655	5.763	ug/L	97
21) 2-Butanone	4.713	43	97188	58.030	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	54123	5.644	ug/L	95
23) Bromochloromethane	4.973	128	24596	5.764	ug/L	91
25) Chloroform	5.083	83	94783	5.673	ug/L	97

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 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

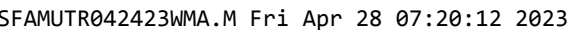
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

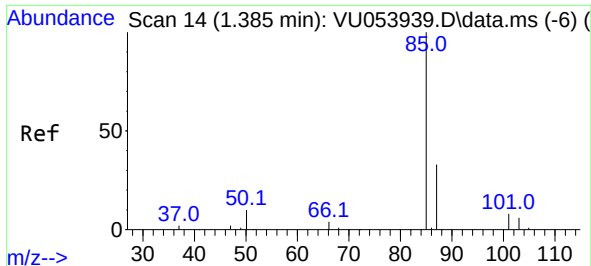
Quant Time: Apr 28 07:20:08 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	52326	5.464	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	82074	5.809	ug/L	98
30) Cyclohexane	5.388	56	68708	5.413	ug/L	100
31) Carbon tetrachloride	5.523	117	70519	5.742	ug/L	97
33) Benzene	5.771	78	202214	5.708	ug/L	100
34) Trichloroethene	6.539	95	55853	5.786	ug/L	97
35) Methylcyclohexane	6.761	83	83353	5.590	ug/L	98
37) 1,2-Dichloropropane	6.787	63	53297	6.064	ug/L	98
38) Bromodichloromethane	7.102	83	61927	5.636	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	75009	5.659	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	219535	55.372	ug/L	99
42) Toluene	7.967	91	219886	5.853	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	58942	5.499	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	36953	5.609	ug/L	98
47) Tetrachloroethene	8.549	164	44558	5.824	ug/L	99
48) 2-Hexanone	8.681	43	165956	55.070	ug/L	99
49) Dibromochloromethane	8.806	129	39053	5.599	ug/L	100
50) 1,2-Dibromoethane	8.922	107	34143	5.603	ug/L #	90
51) Chlorobenzene	9.443	112	143985	5.645	ug/L	98
52) Ethylbenzene	9.568	91	234626	5.687	ug/L	99
53) m,p-Xylene	9.690	106	90411	5.719	ug/L	97
54) o-Xylene	10.095	106	87505	5.737	ug/L	100
55) Styrene	10.111	104	144915	5.807	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	42111	5.362	ug/L	94
59) Bromoform	10.285	173	19735	5.233	ug/L	95
60) Isopropylbenzene	10.481	105	233568	5.857	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	28479	5.569	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	187232	5.776	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	190665	5.812	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	112286	5.634	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	112604	5.592	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	102356	5.561	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5773	5.477	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	81022	5.678	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	66970	5.155	ug/L	98
71) Naphthalene	14.082	128	106643	4.644	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	60070	5.182	ug/L	97

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

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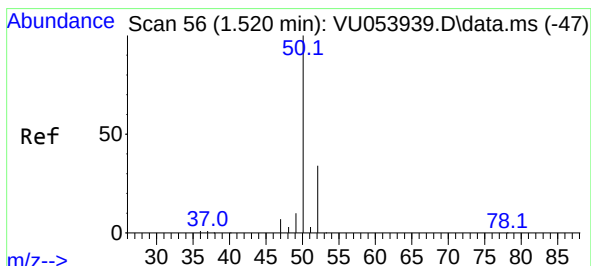
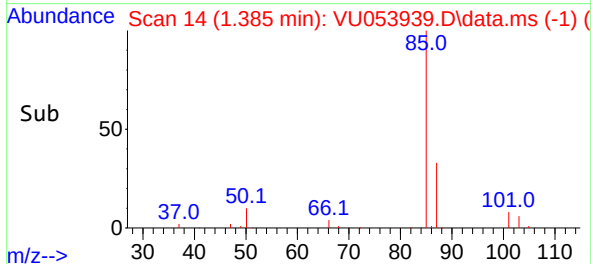
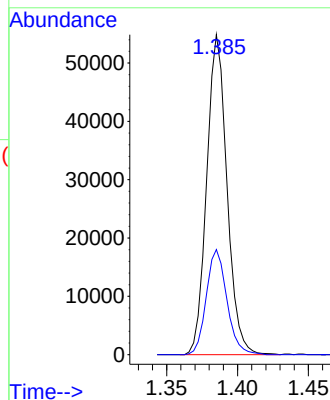
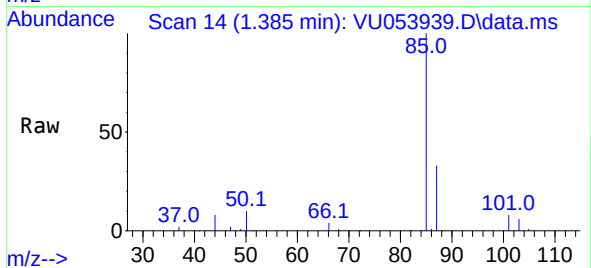




#2
Dichlorodifluoromethane
Concen: 5.514 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

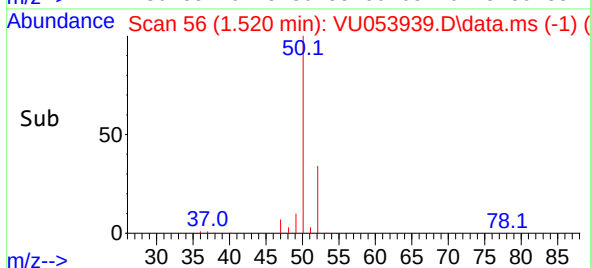
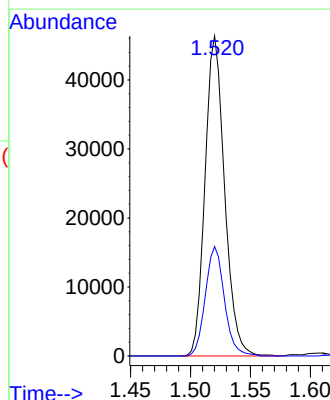
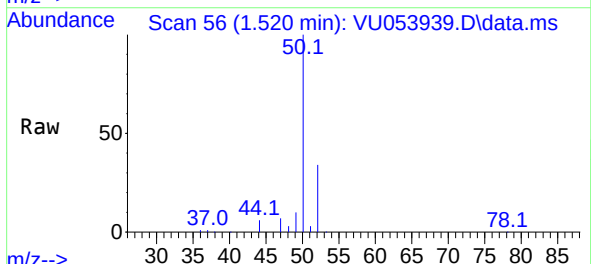
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

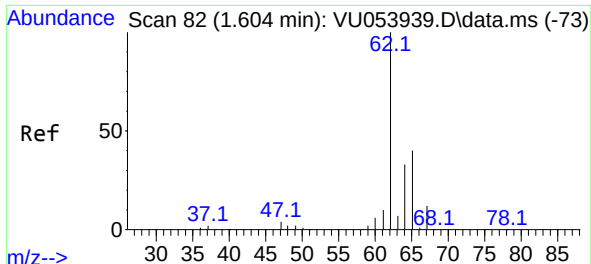
Tgt Ion: 85 Resp: 54708
Ion Ratio Lower Upper
85 100
87 33.3 24.5 36.7



#3
Chloromethane
Concen: 5.461 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 50 Resp: 52615
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.6

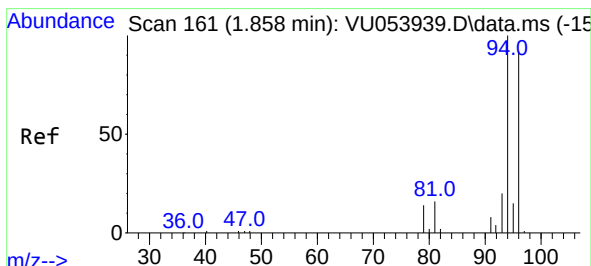
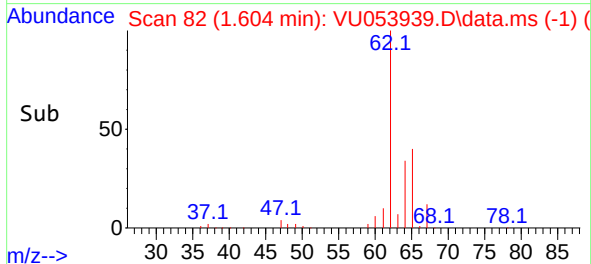
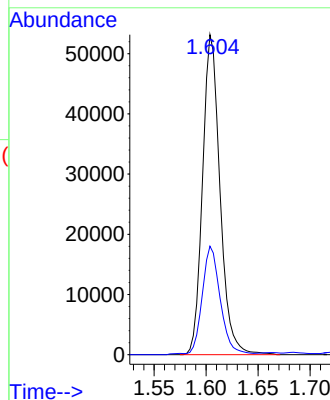
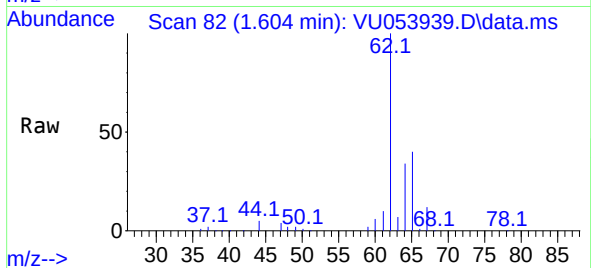




#5
 Vinyl chloride
 Concen: 5.576 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU053939.D
 Acq: 27 Apr 2023 16:18

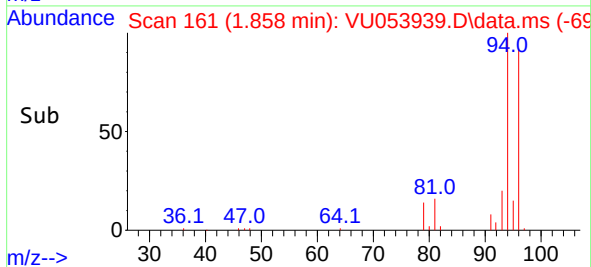
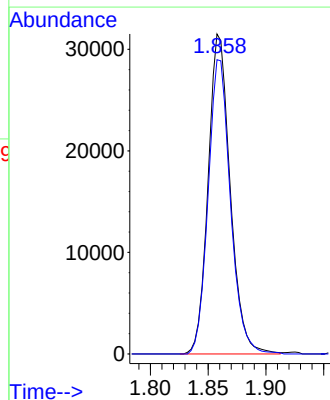
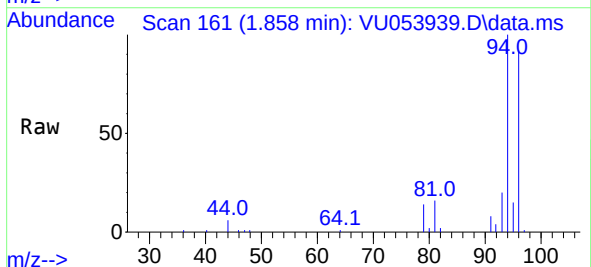
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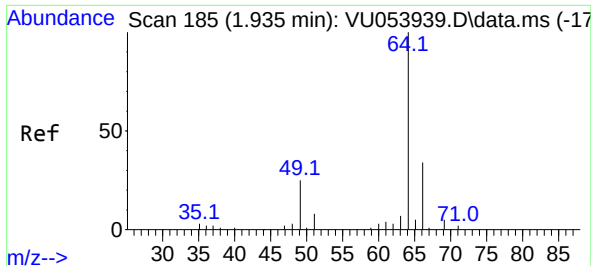
Tgt Ion: 62 Resp: 61988
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.4 41.6



#6
 Bromomethane
 Concen: 5.788 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU053939.D
 Acq: 27 Apr 2023 16:18

Tgt Ion: 94 Resp: 41869
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.9 114.9

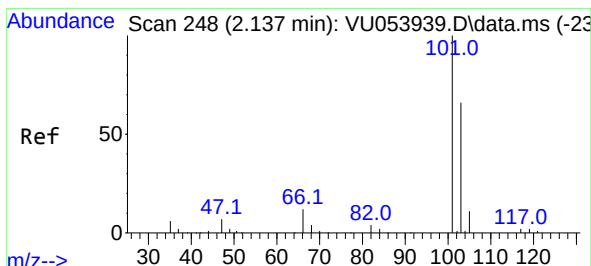
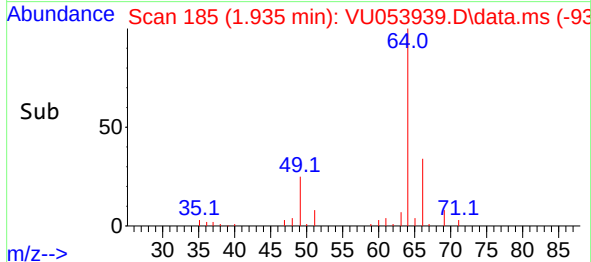
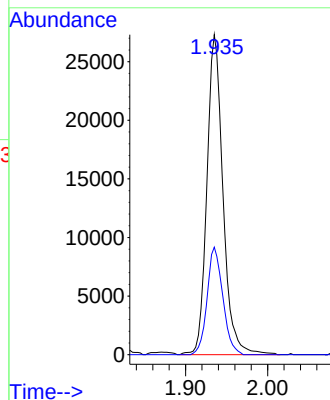
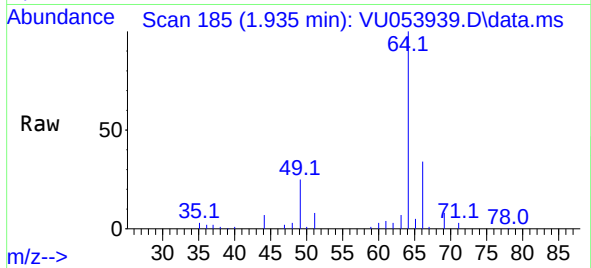




#8
Chloroethane
Concen: 5.359 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

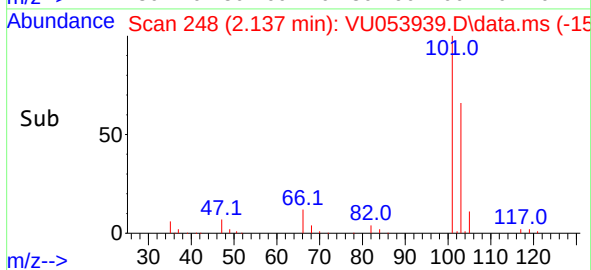
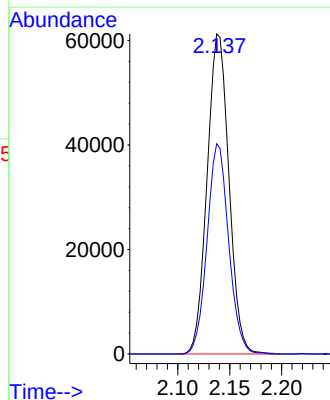
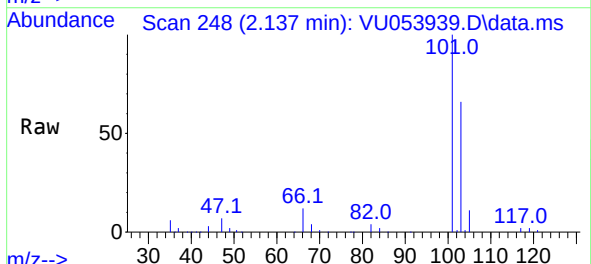
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ClientSampleId :
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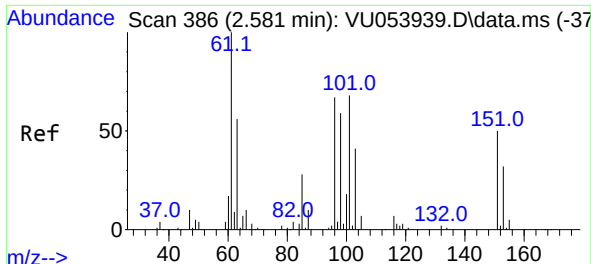
Tgt Ion: 64 Resp: 37186
Ion Ratio Lower Upper
64 100
66 33.6 23.8 44.2



#9
Trichlorofluoromethane
Concen: 5.449 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:101 Resp: 89426
Ion Ratio Lower Upper
101 100
103 64.9 52.6 78.8

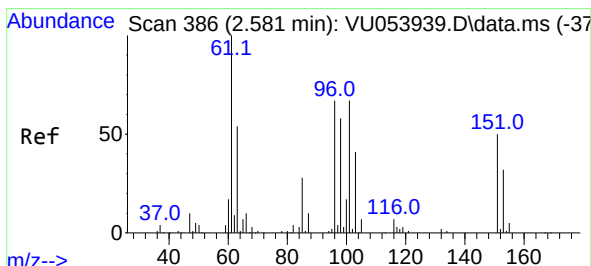
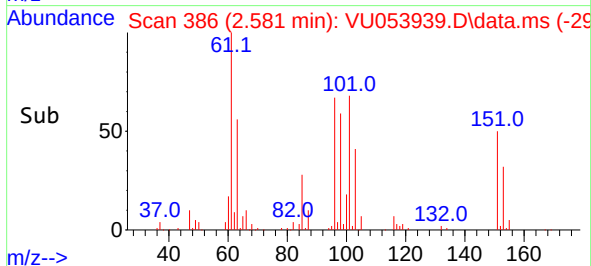
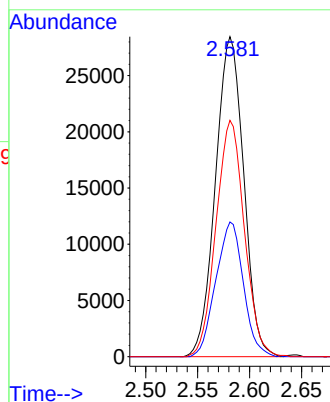
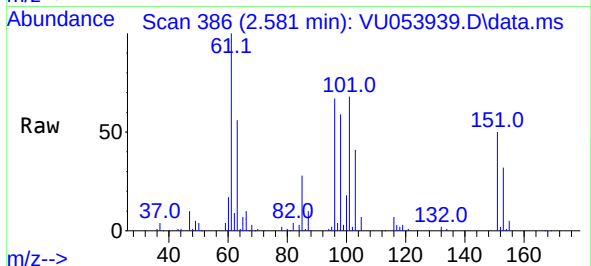




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.638 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

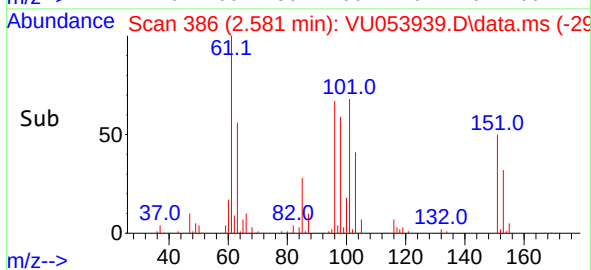
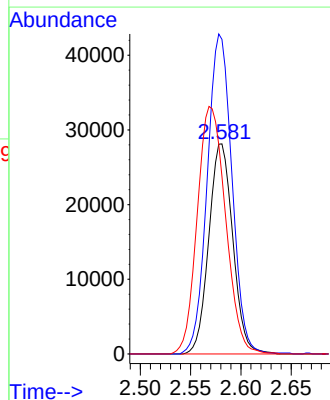
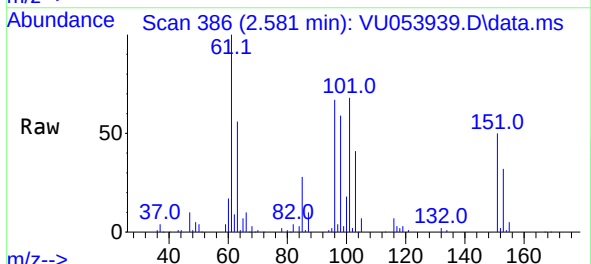
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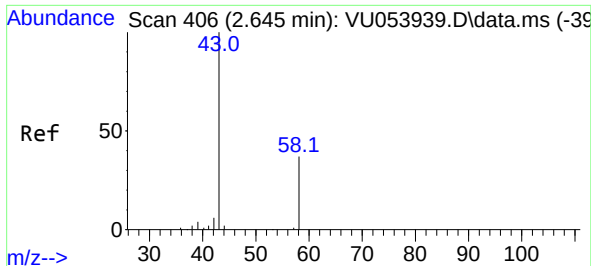
Tgt Ion:101 Resp: 53773
Ion Ratio Lower Upper
101 100
85 41.1 34.7 52.1
151 74.2 59.1 88.7



#12
1,1-Dichloroethene
Concen: 5.557 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 96 Resp: 46743
Ion Ratio Lower Upper
96 100
61 149.7 111.5 207.1
63 84.5 68.7 127.7





#13

Acetone

Concen: 57.632 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.016 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Instrument :

MSVOA_U

ClientSampleId :

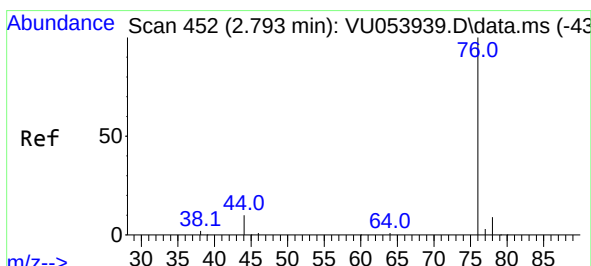
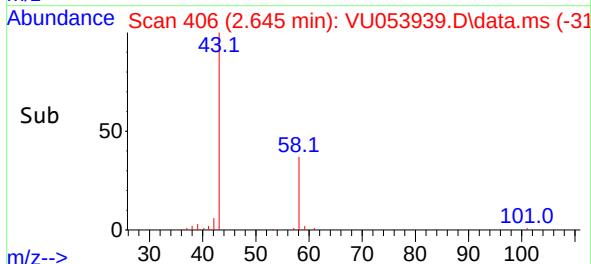
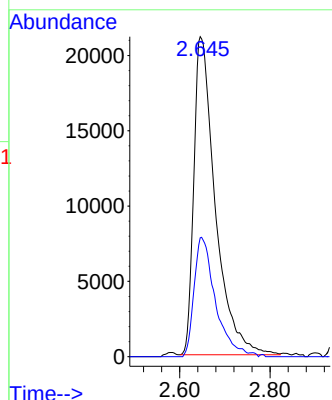
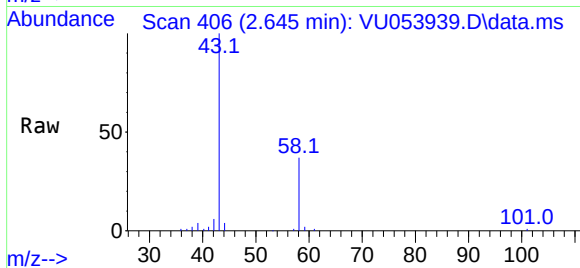
VSTD005164

Tgt Ion: 43 Resp: 69729

Ion Ratio Lower Upper

43 100

58 37.0 0.0 76.2



#14

Carbon disulfide

Concen: 5.320 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU053939.D

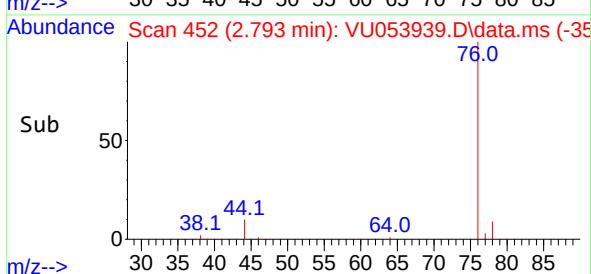
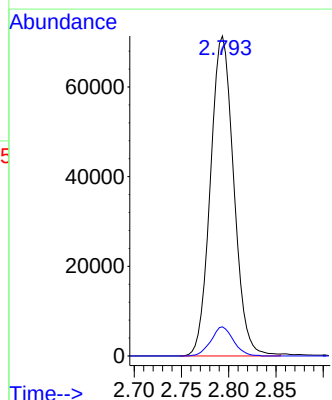
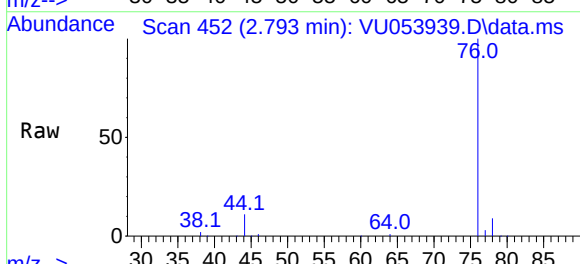
Acq: 27 Apr 2023 16:18

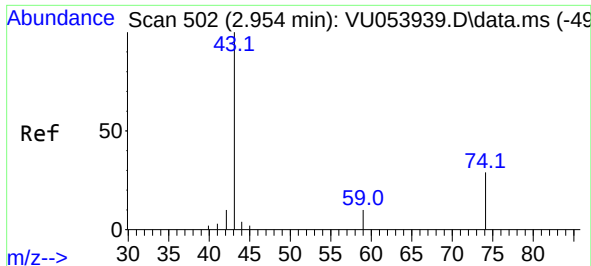
Tgt Ion: 76 Resp: 122626

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

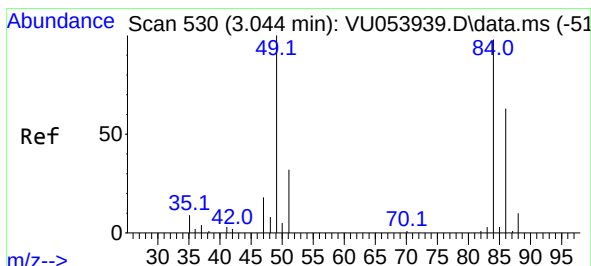
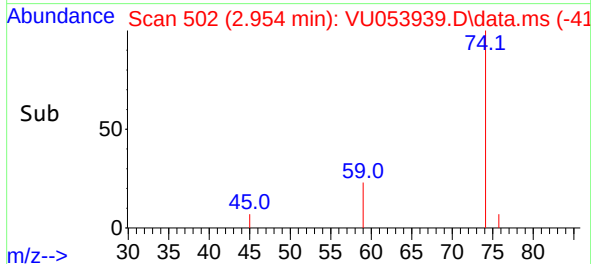
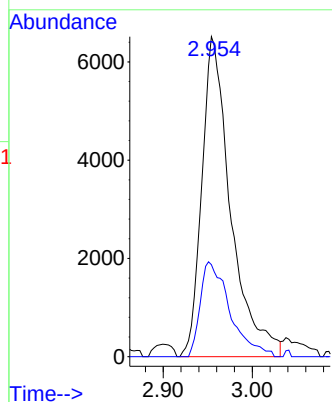
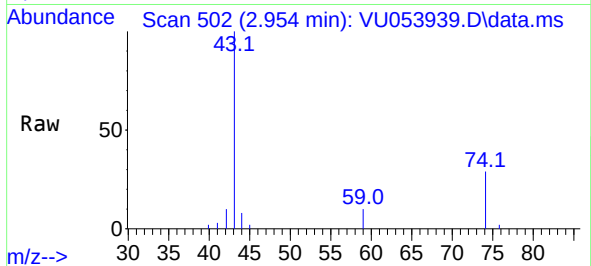




#15
Methyl Acetate
Concen: 5.610 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.006 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

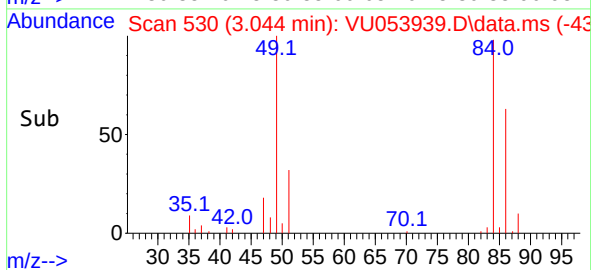
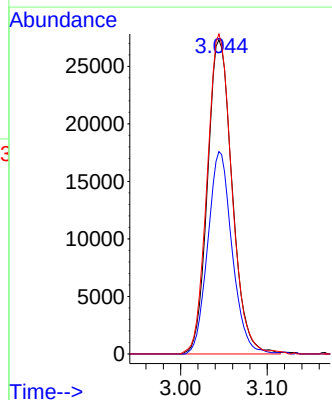
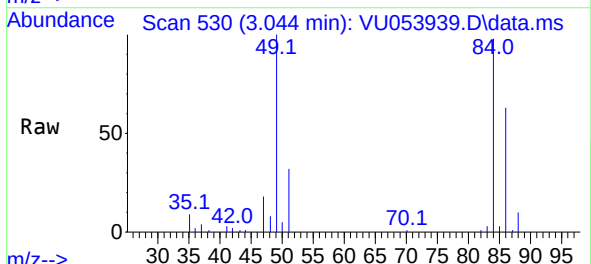
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

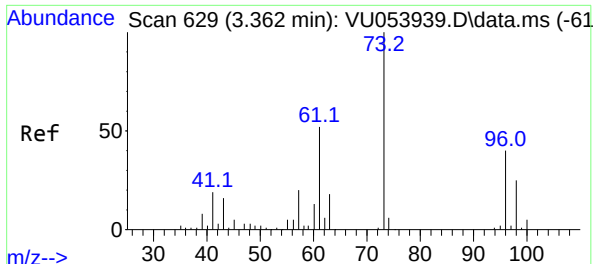
Tgt Ion: 43 Resp: 14650
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0



#16
Methylene chloride
Concen: 4.703 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

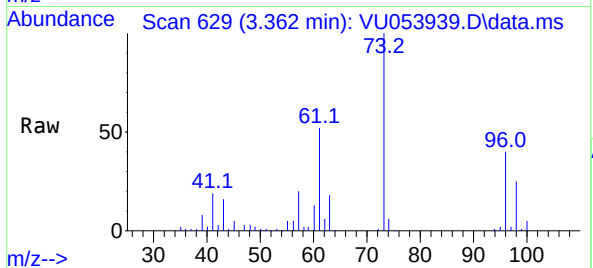
Tgt Ion: 84 Resp: 53991
Ion Ratio Lower Upper
84 100
86 64.5 45.0 83.6
49 101.9 74.8 138.8



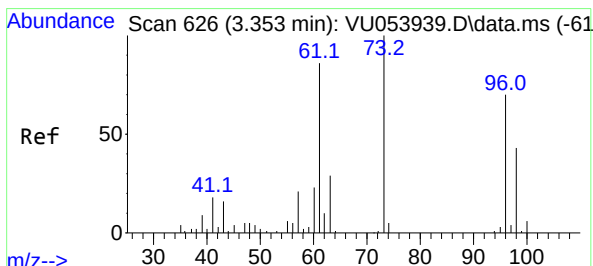
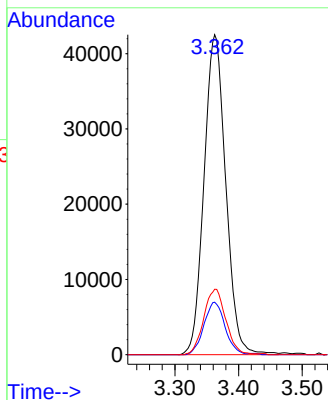
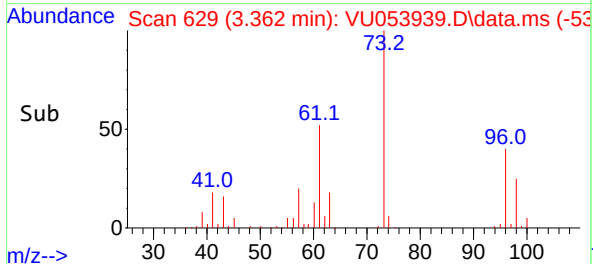


#17
Methyl tert-butyl Ether
Concen: 5.537 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

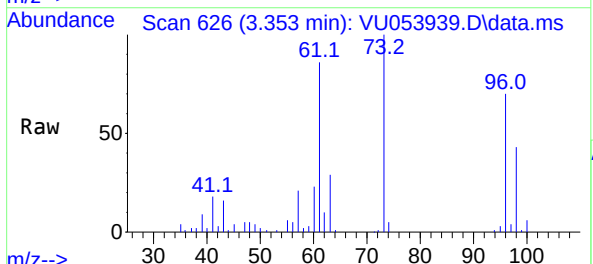
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164



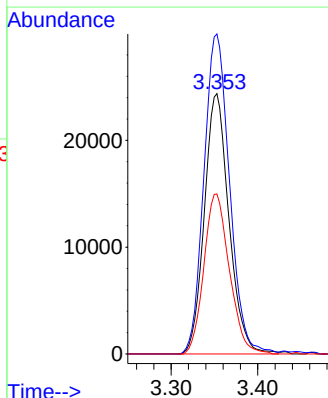
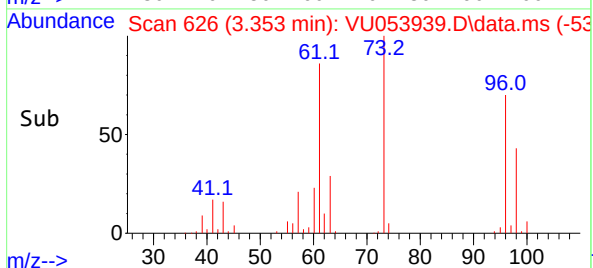
Tgt Ion: 73 Resp: 100901
Ion Ratio Lower Upper
73 100
43 15.9 13.4 20.2
57 20.8 17.2 25.8

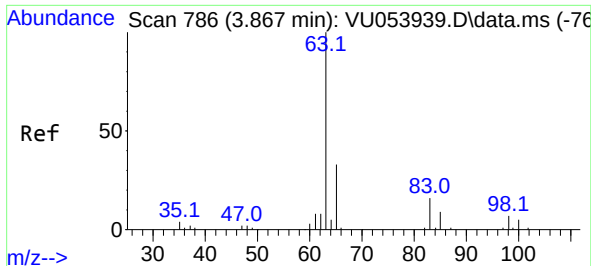


#18
trans-1,2-Dichloroethene
Concen: 5.675 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18



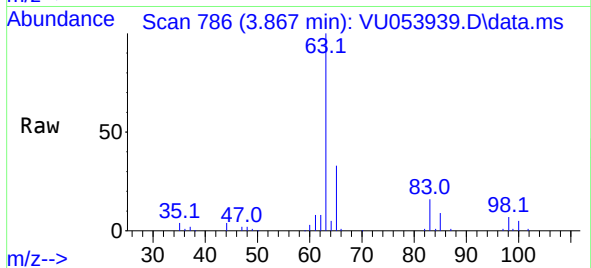
Tgt Ion: 96 Resp: 48239
Ion Ratio Lower Upper
96 100
61 122.9 86.2 160.0
98 61.5 42.8 79.4





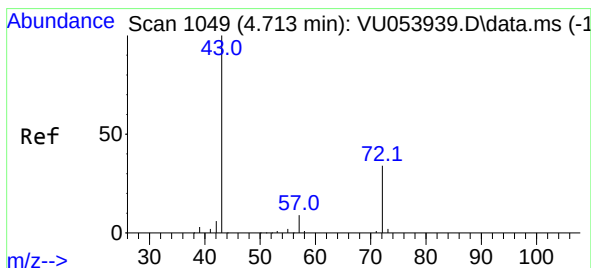
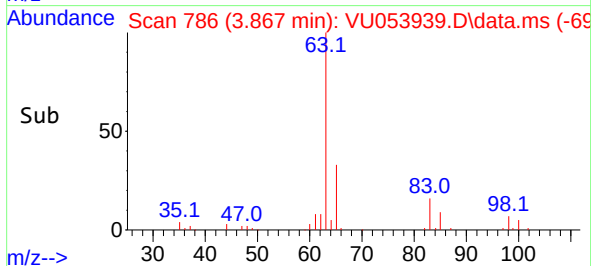
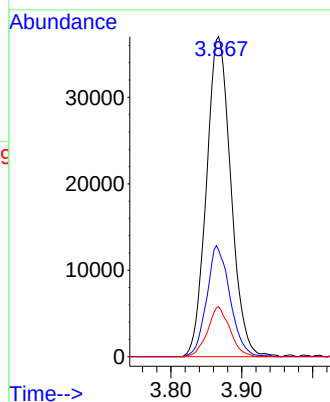
#19
1,1-Dichloroethane
Concen: 5.763 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005164



Tgt Ion: 63 Resp: 88655

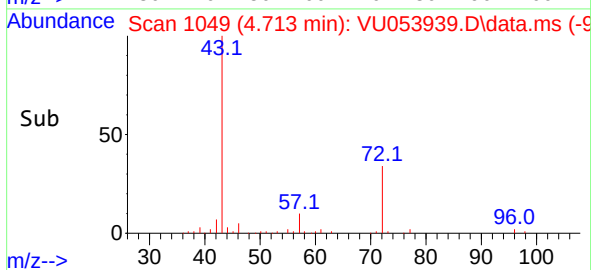
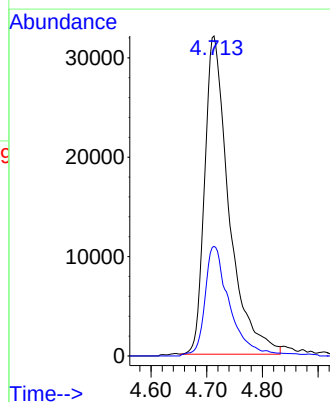
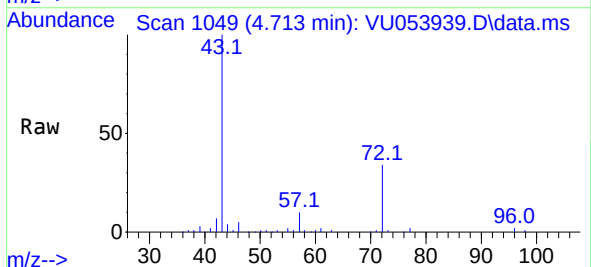
Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.0	40.8
83	15.6	10.3	19.1

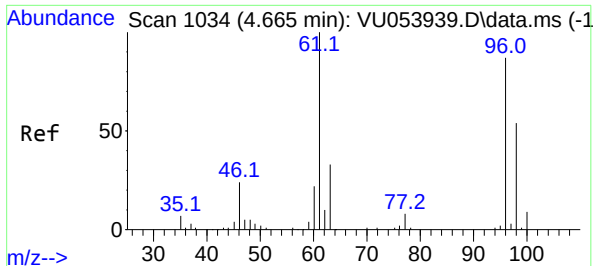


#21
2-Butanone
Concen: 58.030 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 43 Resp: 97188

Ion	Ratio	Lower	Upper
43	100		
72	34.1	15.7	47.0

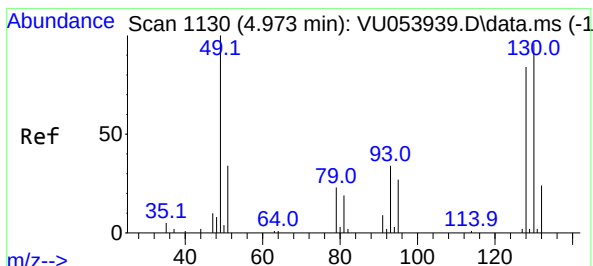
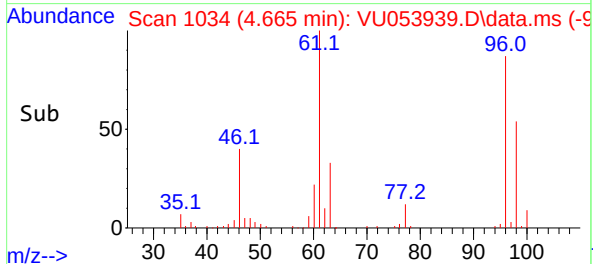
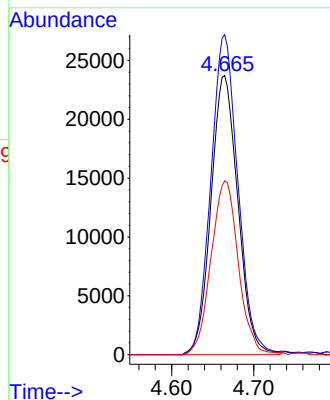
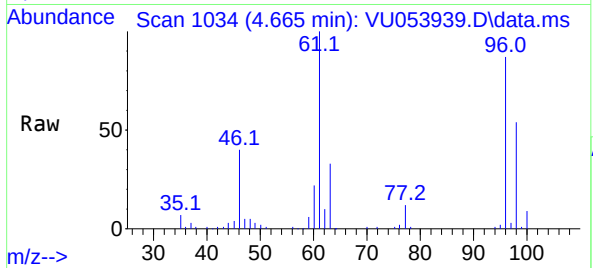




#22
cis-1,2-Dichloroethene
Concen: 5.644 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

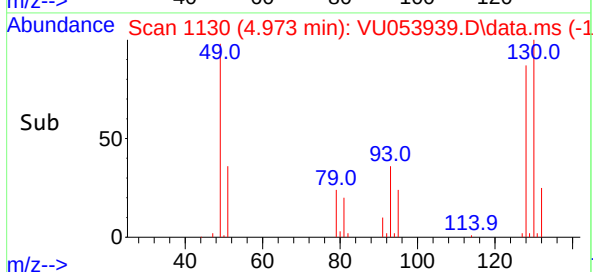
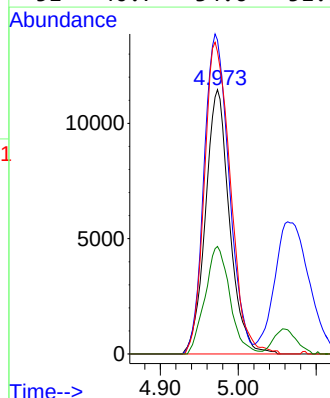
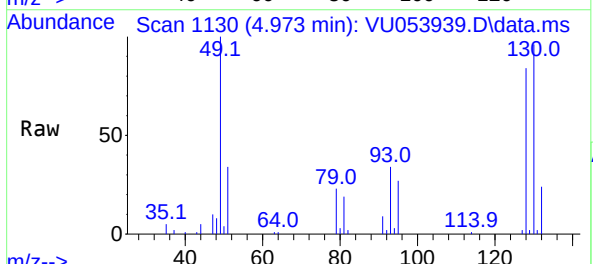
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

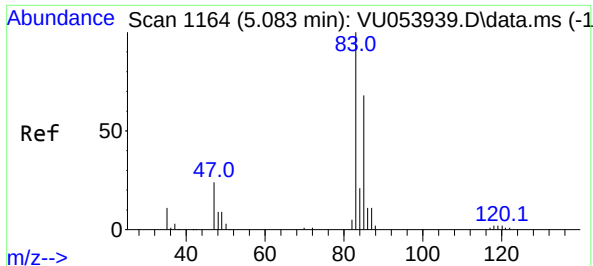
Tgt Ion:	96	Resp:	54123
Ion	Ratio	Lower	Upper
96	100		
61	114.6	84.3	156.5
98	62.3	46.4	86.2



#23
Bromochloromethane
Concen: 5.764 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:	128	Resp:	24596
Ion	Ratio	Lower	Upper
128	100		
49	118.8	91.3	169.5
130	114.4	87.6	162.8
51	40.7	34.6	51.8





#25

Chloroform

Concen: 5.673 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Instrument :

MSVOA_U

ClientSampleId :

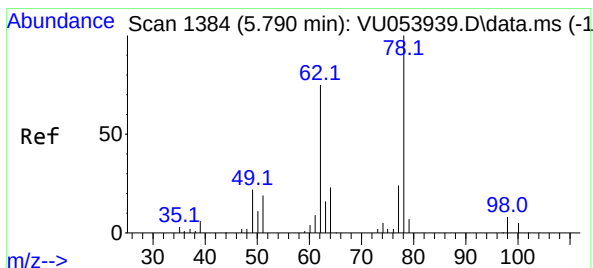
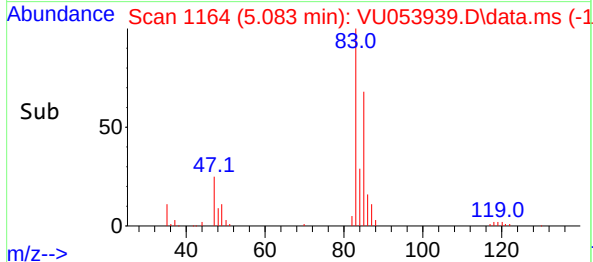
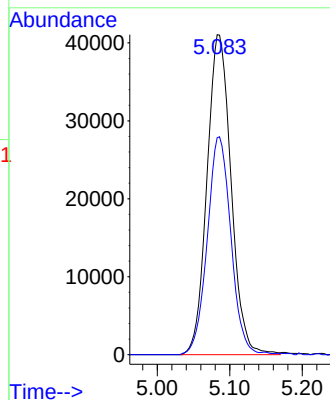
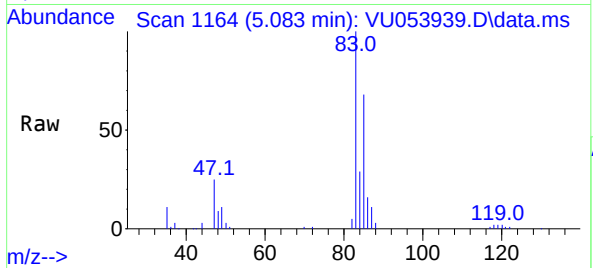
VSTD005164

Tgt Ion: 83 Resp: 94783

Ion Ratio Lower Upper

83 100

85 67.8 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.464 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU053939.D

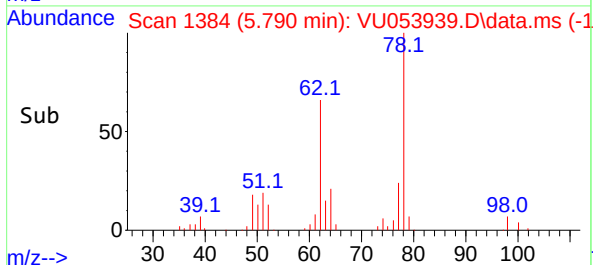
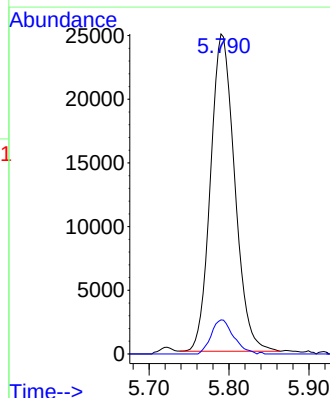
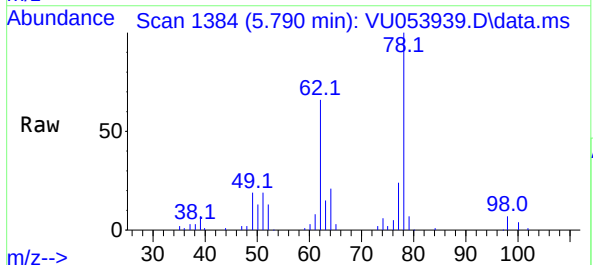
Acq: 27 Apr 2023 16:18

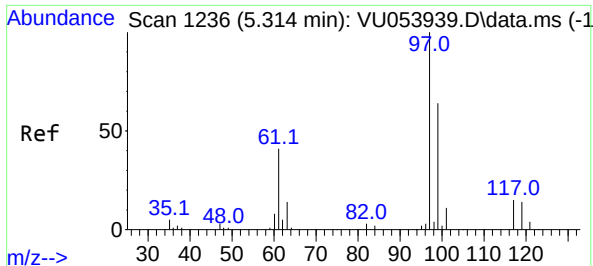
Tgt Ion: 62 Resp: 52326

Ion Ratio Lower Upper

62 100

98 10.7 8.7 13.1

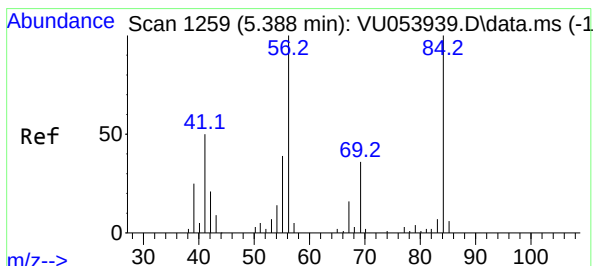
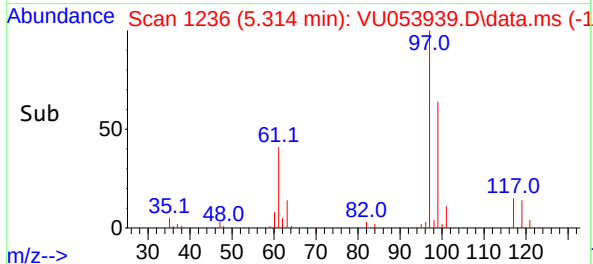
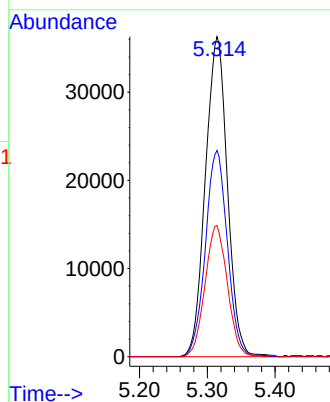
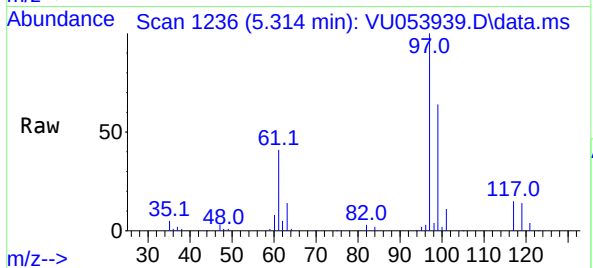




#29
1,1,1-Trichloroethane
Concen: 5.809 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

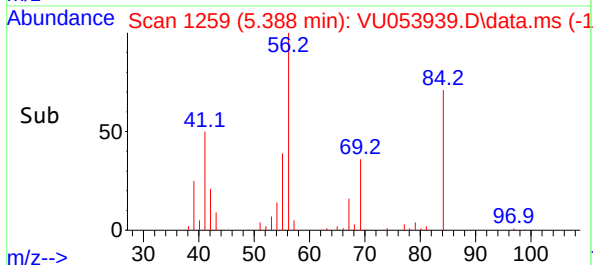
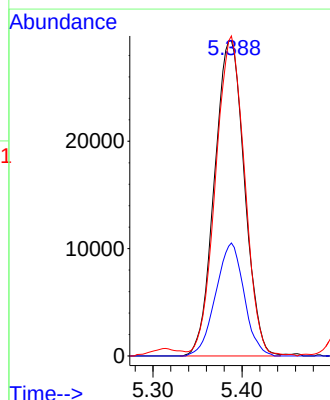
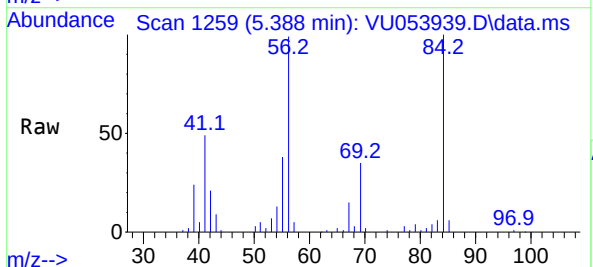
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

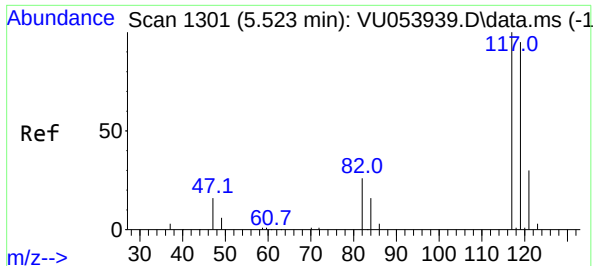
Tgt Ion: 97 Resp: 82074
Ion Ratio Lower Upper
97 100
99 64.1 52.9 79.3
61 41.6 33.8 50.8



#30
Cyclohexane
Concen: 5.413 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 56 Resp: 68708
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.4
84 97.5 78.0 117.0

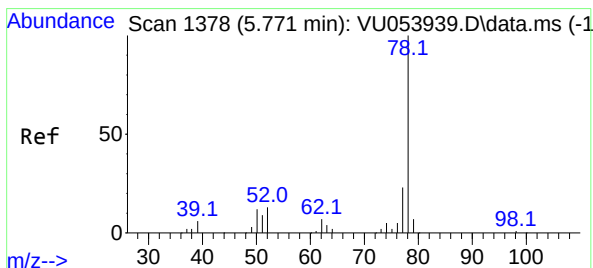
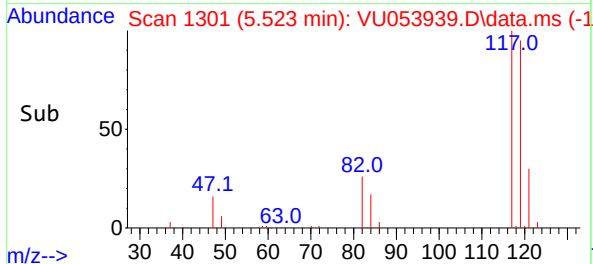
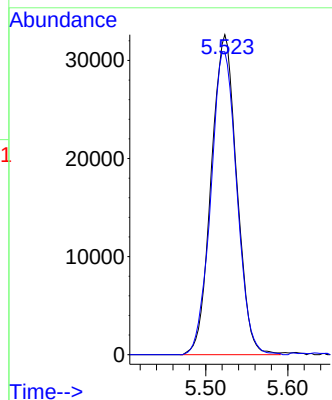
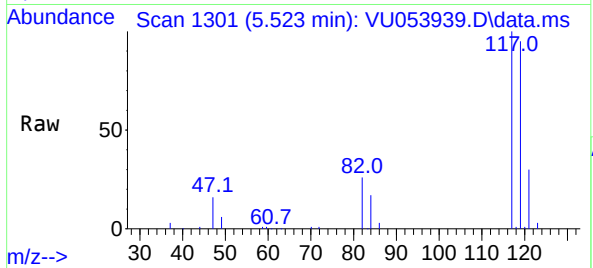




#31
Carbon tetrachloride
Concen: 5.742 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

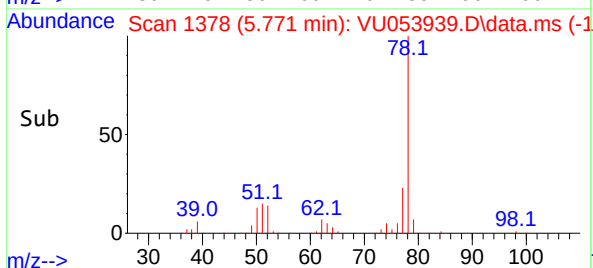
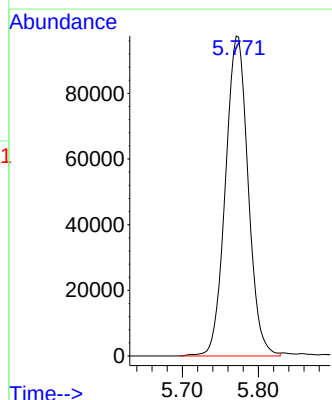
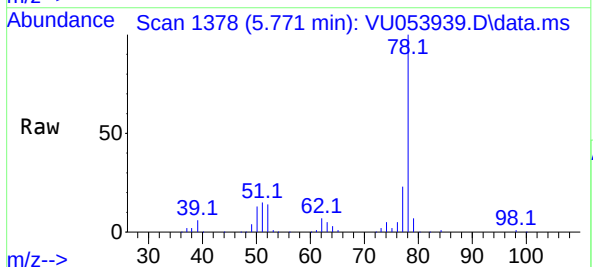
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

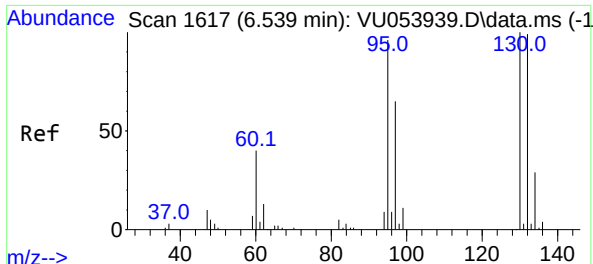
Tgt Ion:117 Resp: 70519
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6



#33
Benzene
Concen: 5.708 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 78 Resp: 202214



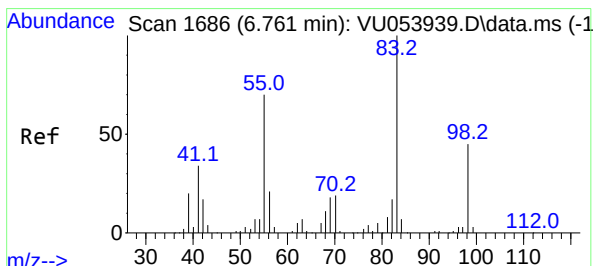
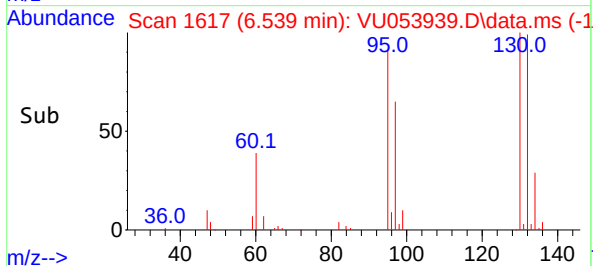
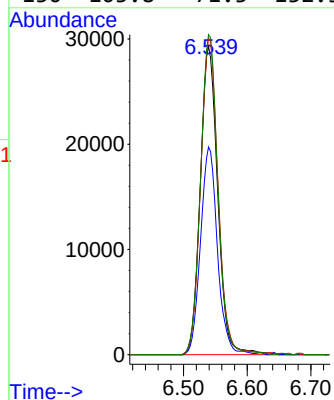
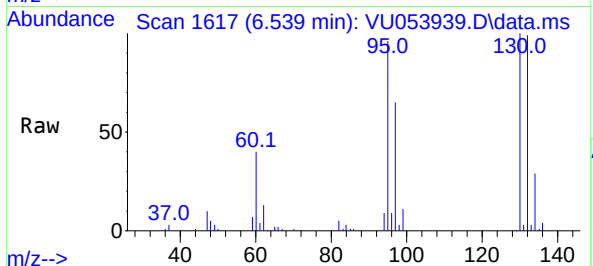


#34
Trichloroethene
Concen: 5.786 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

Tgt Ion: 95 Resp: 55853

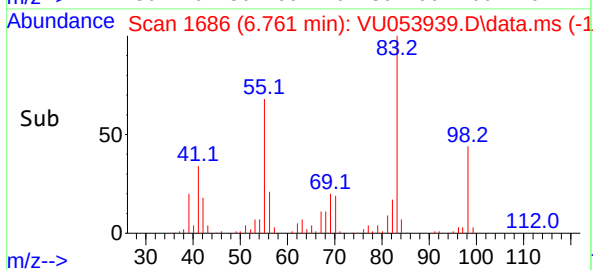
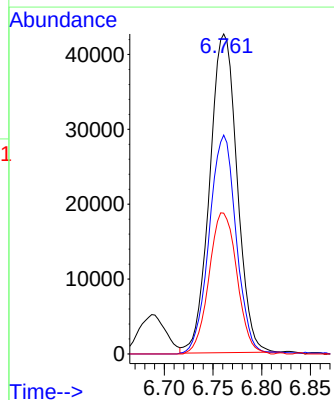
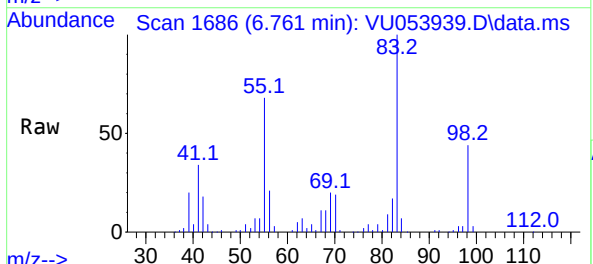
Ion	Ratio	Lower	Upper
95	100		
97	67.4	45.1	83.9
132	102.8	69.9	129.9
130	103.8	71.3	132.3

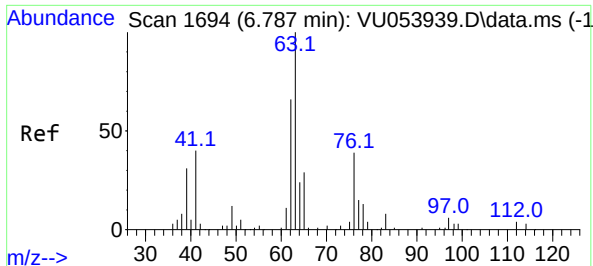


#35
Methylcyclohexane
Concen: 5.590 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 83 Resp: 83353

Ion	Ratio	Lower	Upper
83	100		
55	68.1	55.4	83.2
98	45.2	37.3	55.9

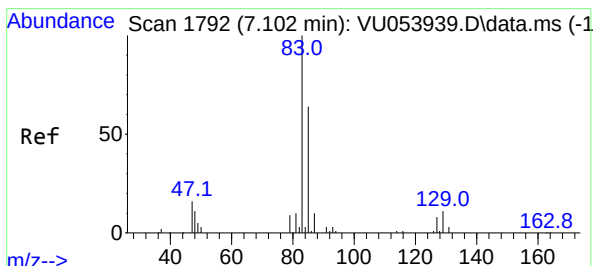
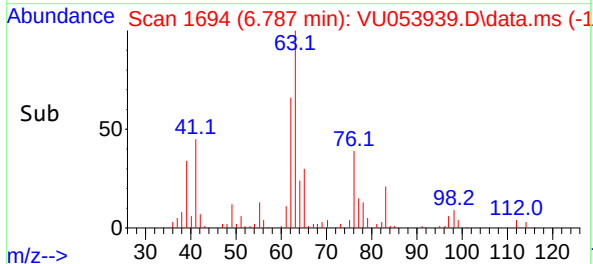
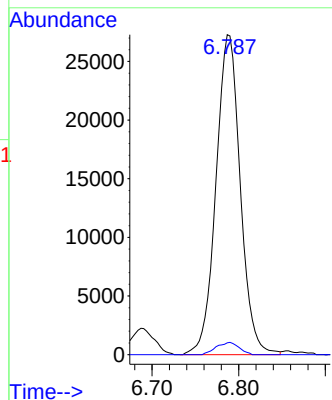
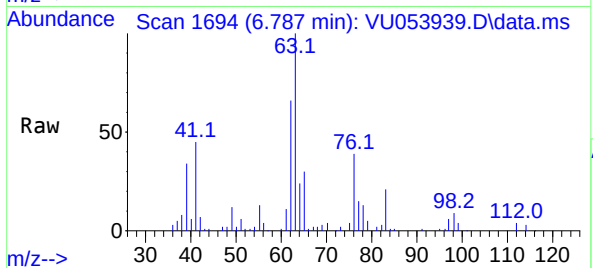




#37
1,2-Dichloropropane
Concen: 6.064 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

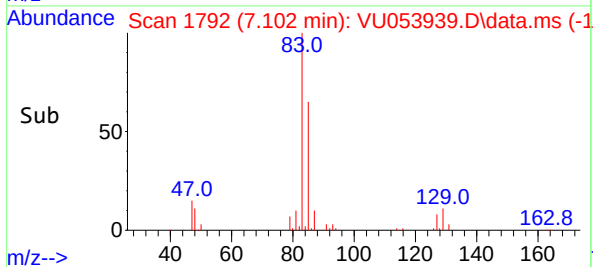
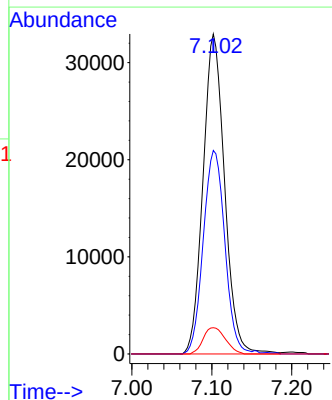
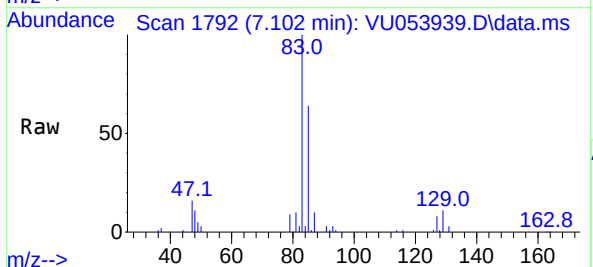
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

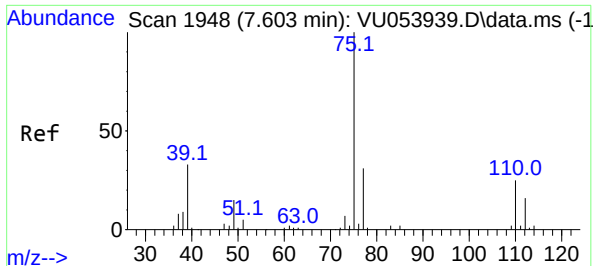
Tgt Ion: 63 Resp: 53297
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.636 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 83 Resp: 61927
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0
127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.659 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Instrument :

MSVOA_U

ClientSampleId :

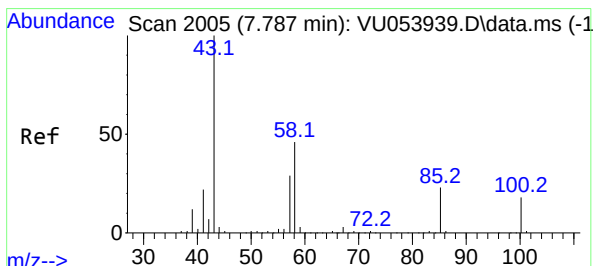
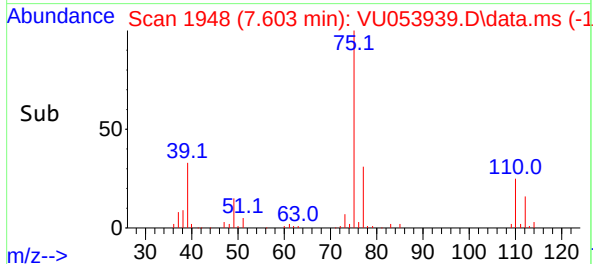
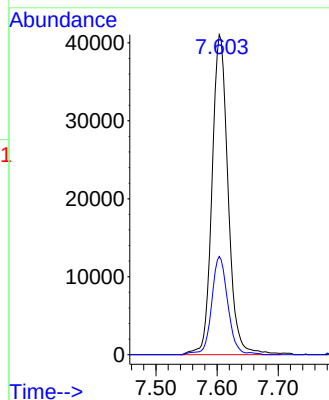
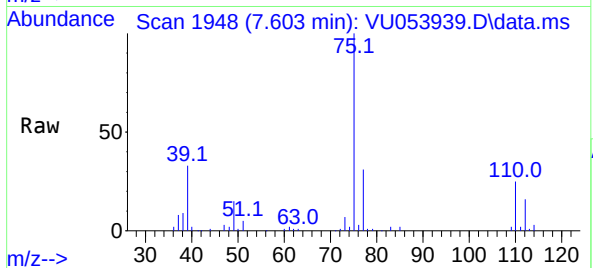
VSTD005164

Tgt Ion: 75 Resp: 75009

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.372 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

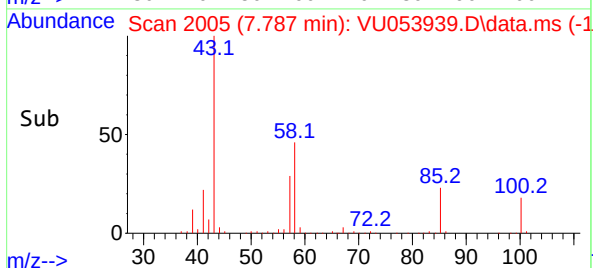
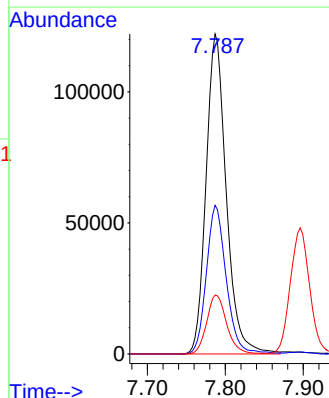
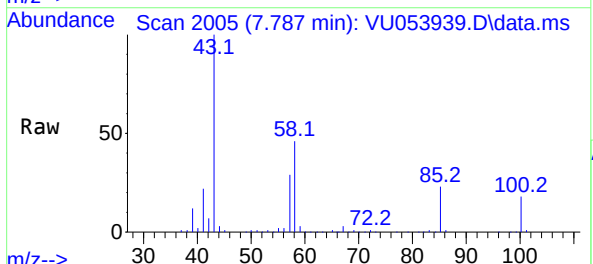
Tgt Ion: 43 Resp: 219535

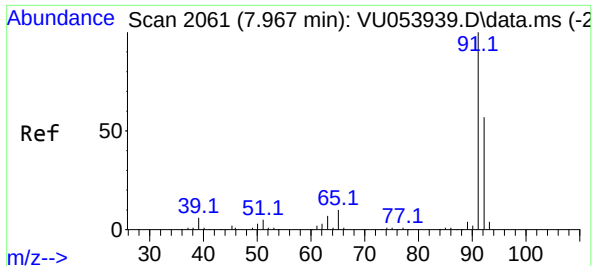
Ion Ratio Lower Upper

43 100

58 45.7 36.0 54.0

100 18.2 15.1 22.7

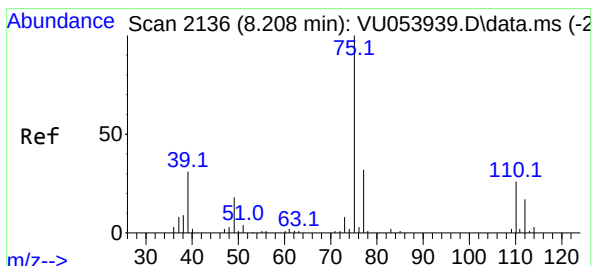
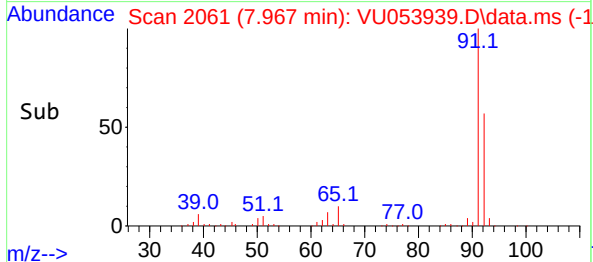
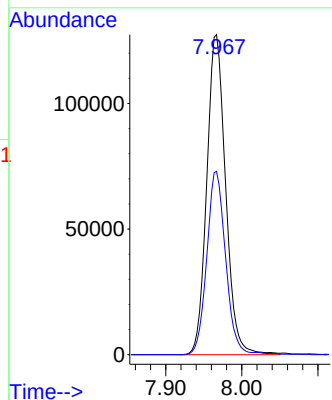
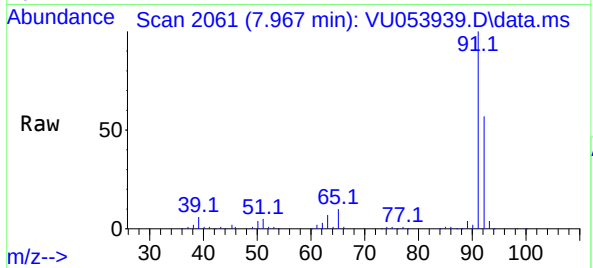




#42
Toluene
Concen: 5.853 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

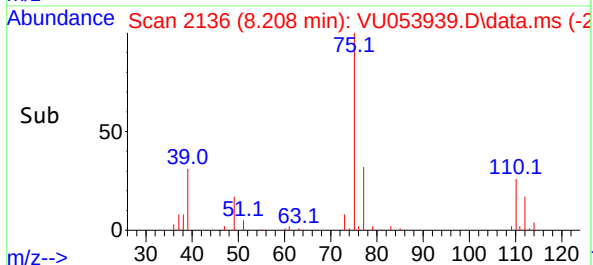
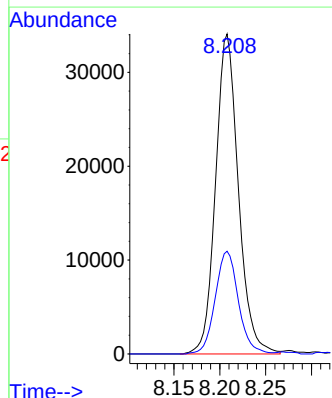
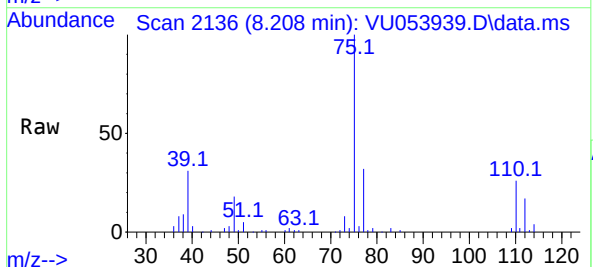
Instrument : MSVOA_U
ClientSampleId : VSTD005164

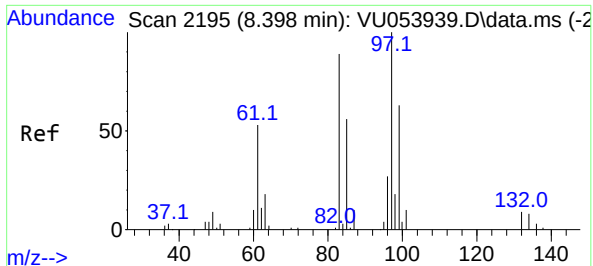
Tgt Ion: 91 Resp: 219886
Ion Ratio Lower Upper
91 100
92 57.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 5.499 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 75 Resp: 58942
Ion Ratio Lower Upper
75 100
77 32.1 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 5.609 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005164

Tgt Ion: 97 Resp: 36953

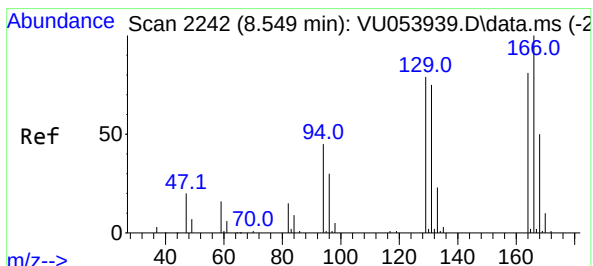
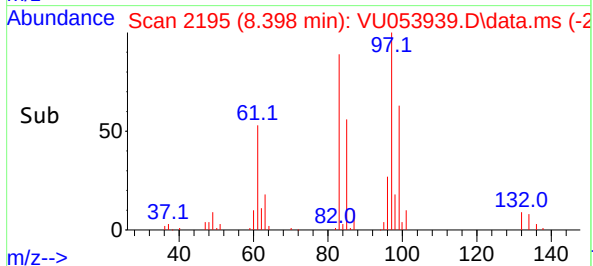
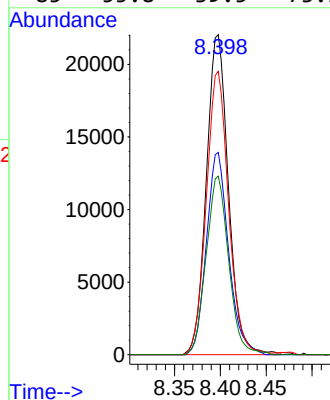
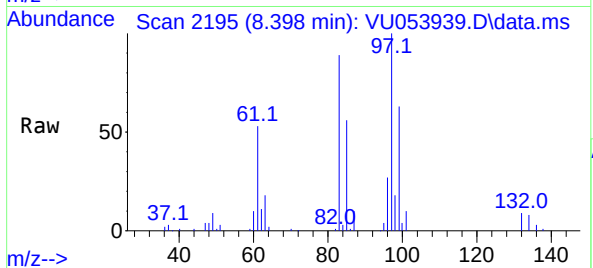
Ion Ratio Lower Upper

97 100

99 63.2 44.7 83.1

83 88.6 59.8 111.1

85 55.8 39.5 73.3



#47

Tetrachloroethene

Concen: 5.824 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Tgt Ion:164 Resp: 44558

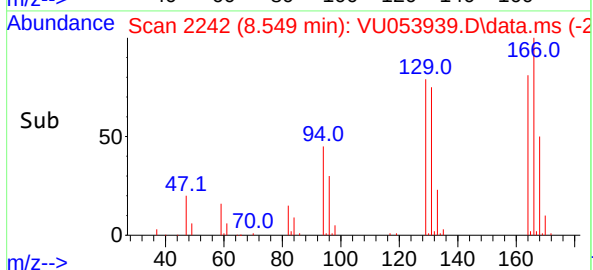
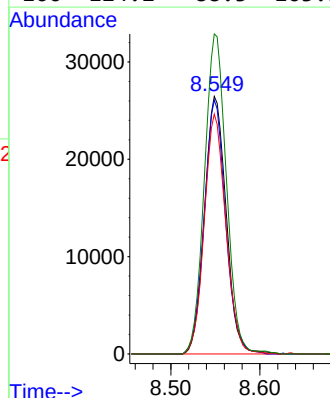
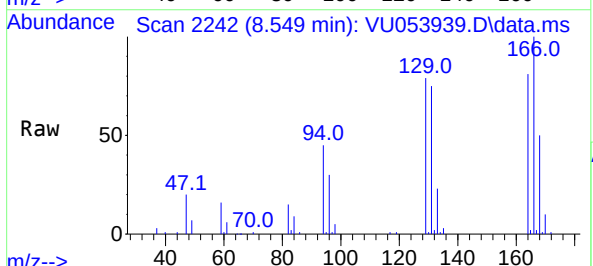
Ion Ratio Lower Upper

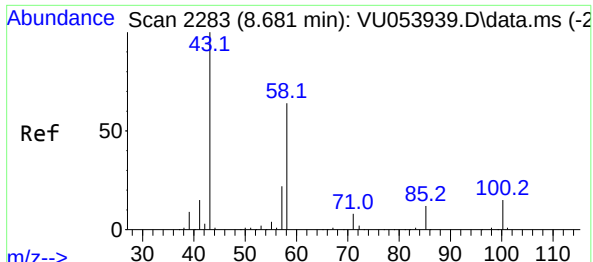
164 100

129 98.6 68.3 126.8

131 93.1 64.4 119.6

166 124.2 88.3 163.9



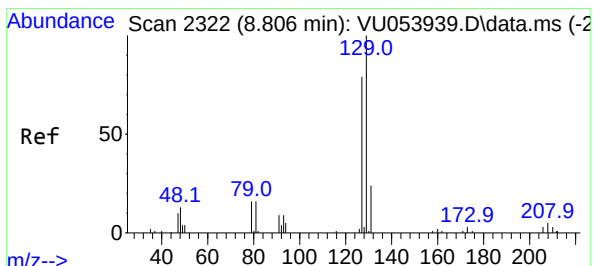
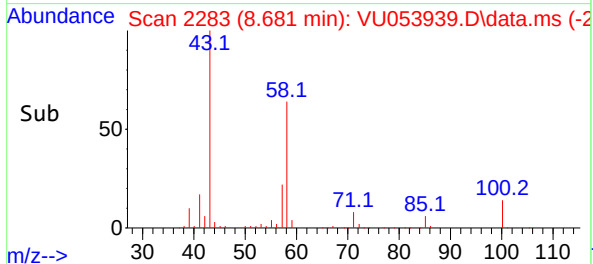
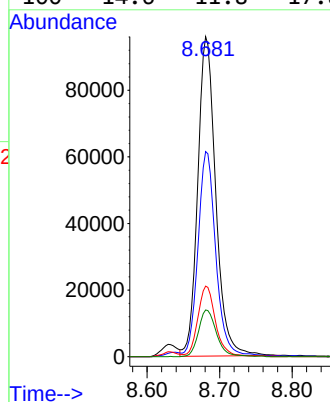
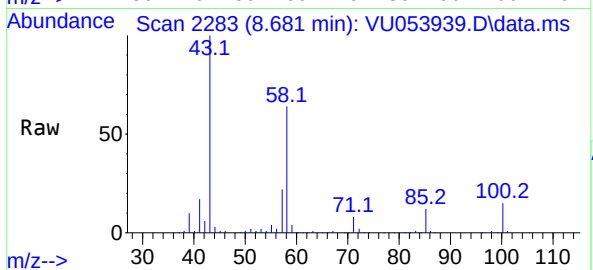


#48
2-Hexanone
Concen: 55.070 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

Tgt Ion: 43 Resp: 165956

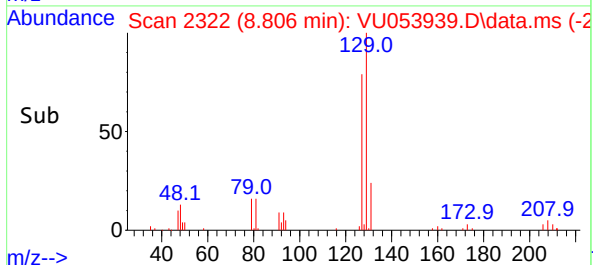
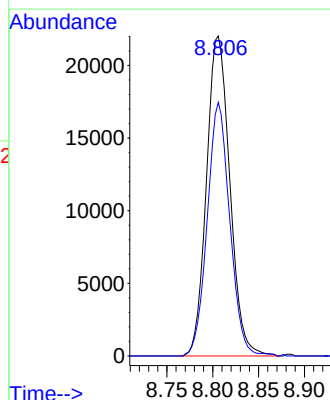
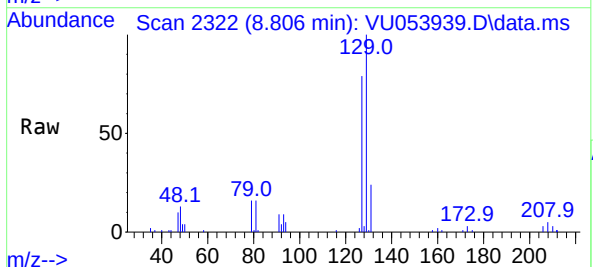
Ion	Ratio	Lower	Upper
43	100		
58	63.1	49.8	74.6
57	21.1	16.9	25.3
100	14.6	11.8	17.8

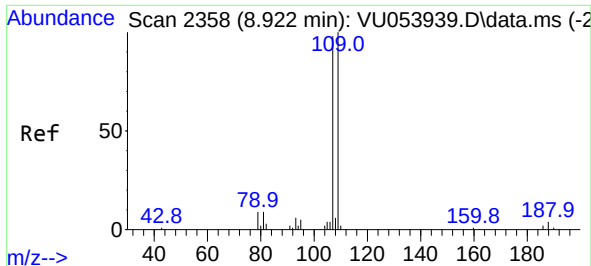


#49
Dibromochloromethane
Concen: 5.599 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 129 Resp: 39053

Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.7	103.5

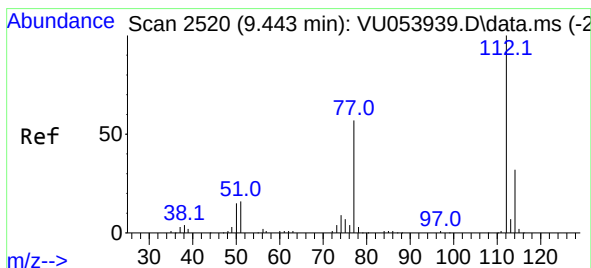
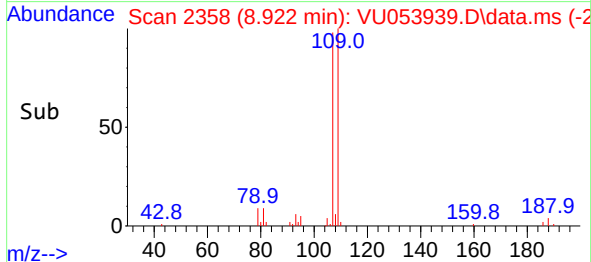
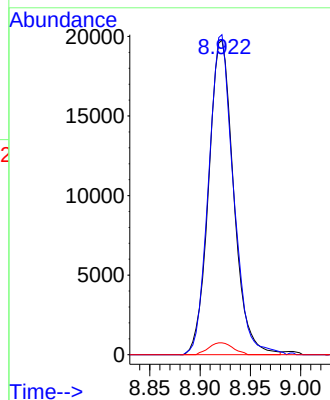
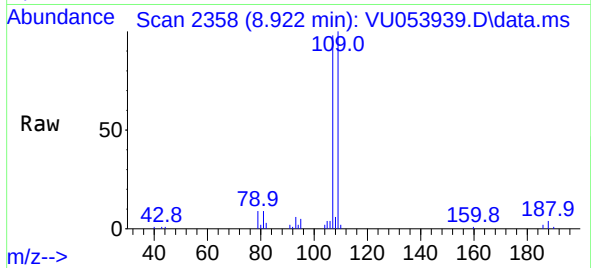




#50
1,2-Dibromoethane
Concen: 5.603 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

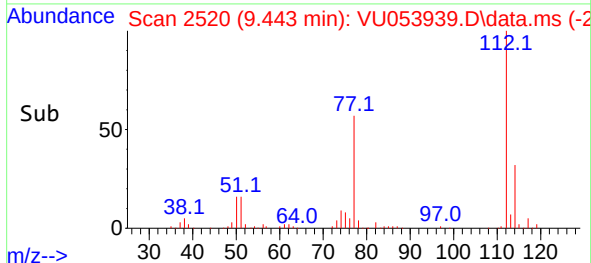
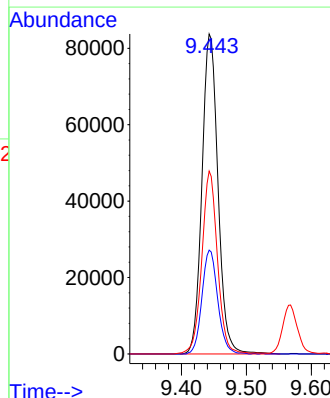
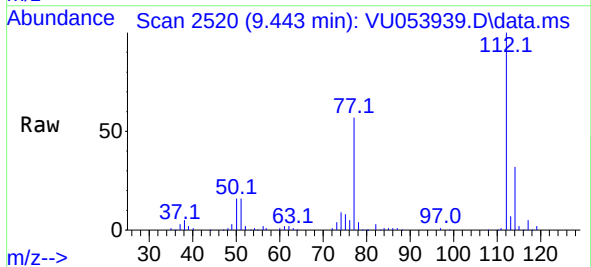
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

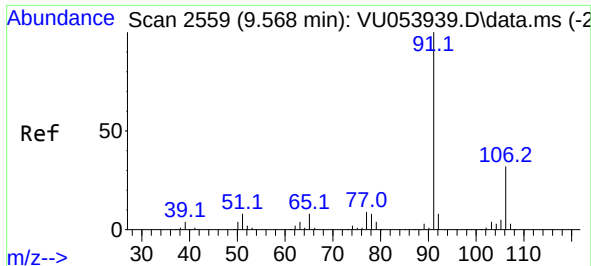
Tgt Ion:107 Resp: 34143
Ion Ratio Lower Upper
107 100
109 101.7 64.3 119.5
188 3.8 2.1 3.1#



#51
Chlorobenzene
Concen: 5.645 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:112 Resp: 143985
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 57.1 44.4 66.6

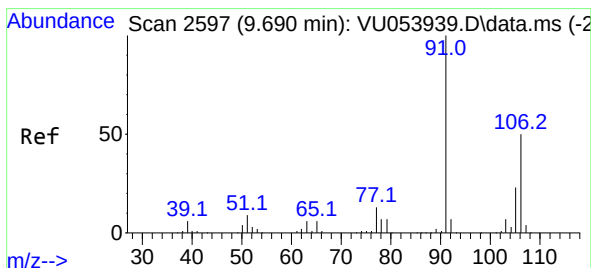
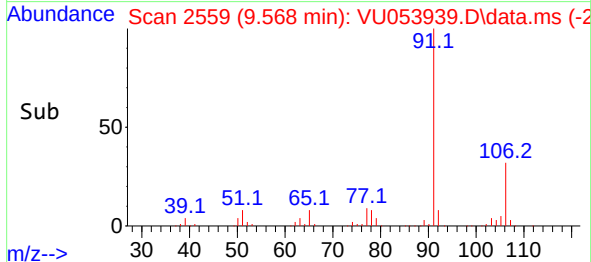
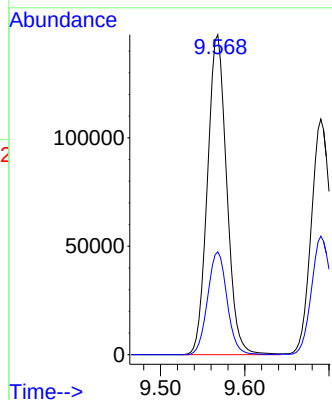
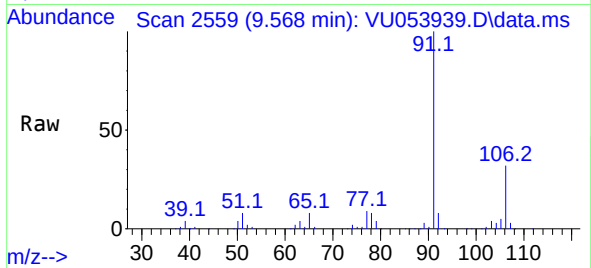




#52
Ethylbenzene
Concen: 5.687 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

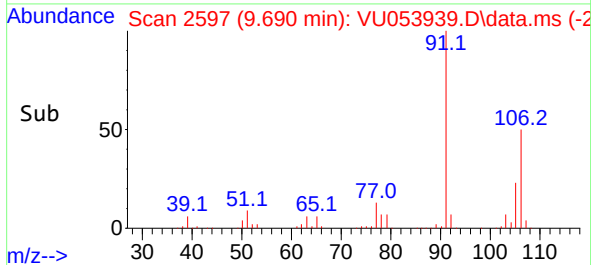
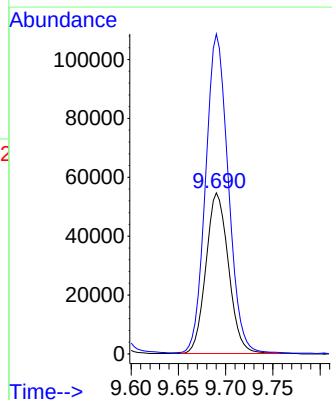
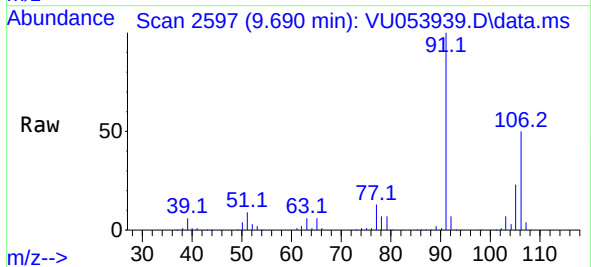
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

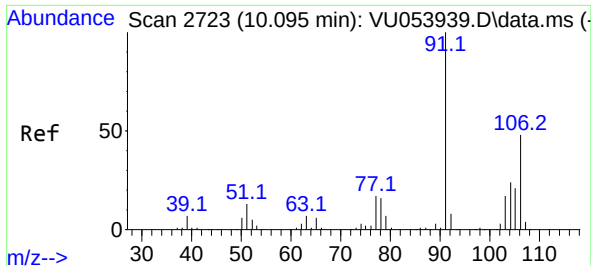
Tgt Ion: 91 Resp: 234626
Ion Ratio Lower Upper
91 100
106 32.1 22.8 42.4



#53
m,p-Xylene
Concen: 5.719 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:106 Resp: 90411
Ion Ratio Lower Upper
106 100
91 198.7 142.2 264.0

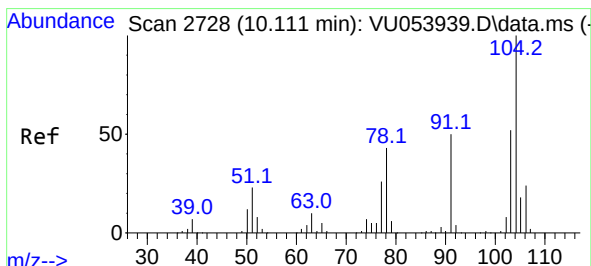
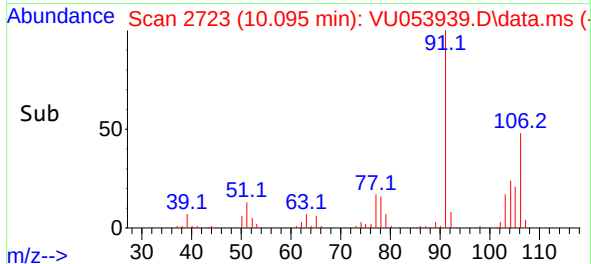
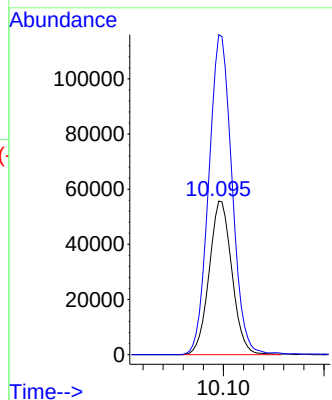
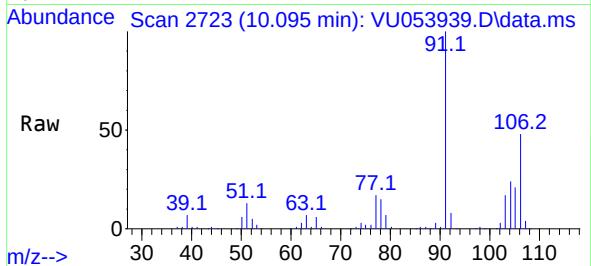




#54
o-Xylene
Concen: 5.737 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

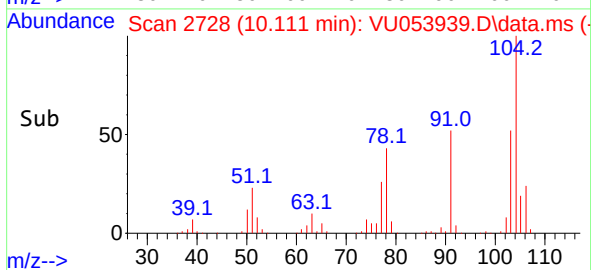
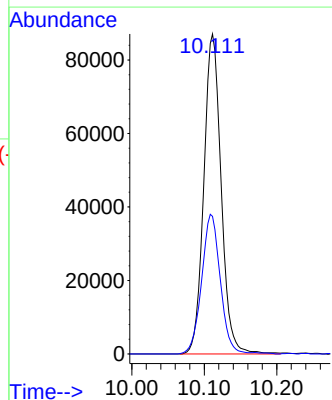
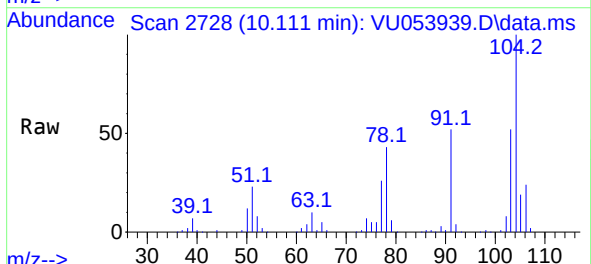
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

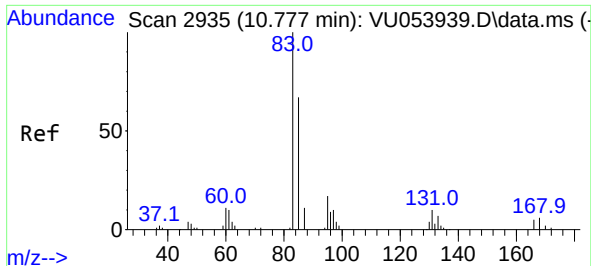
Tgt Ion:106 Resp: 87505
Ion Ratio Lower Upper
106 100
91 208.3 145.5 270.1



#55
Styrene
Concen: 5.807 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:104 Resp: 144915
Ion Ratio Lower Upper
104 100
78 43.0 30.9 57.5

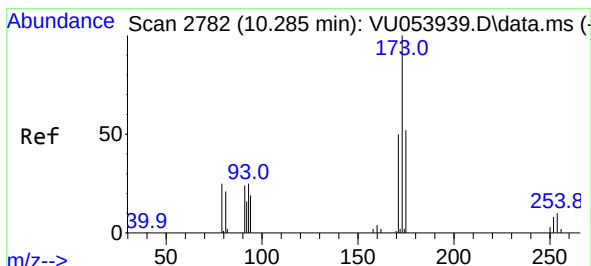
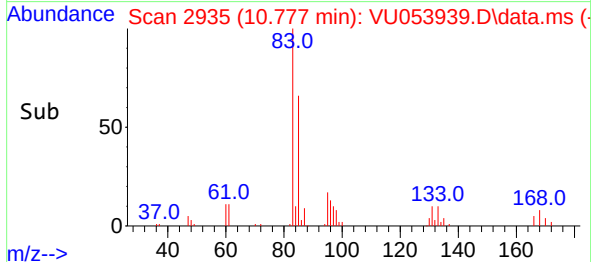
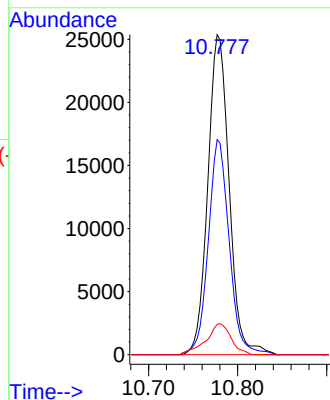
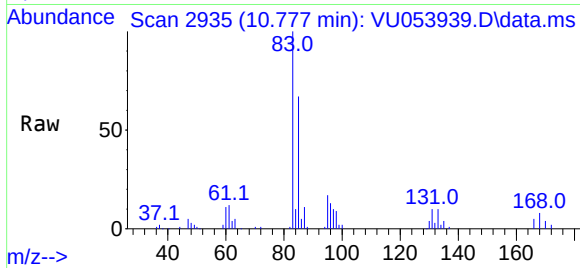




#57
1,1,2,2-Tetrachloroethane
Concen: 5.362 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

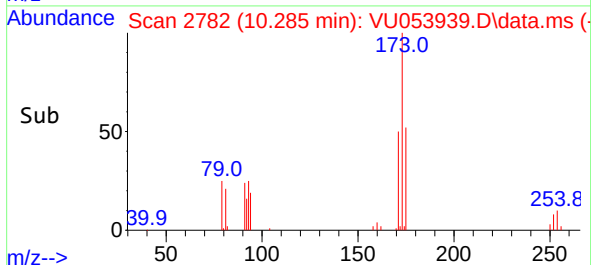
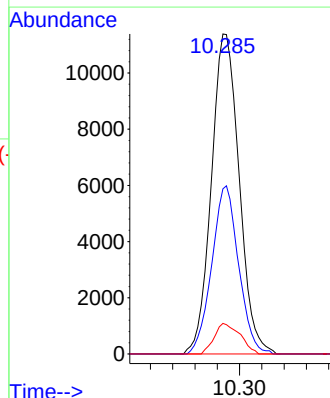
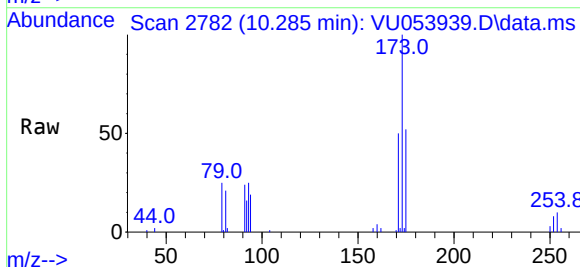
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

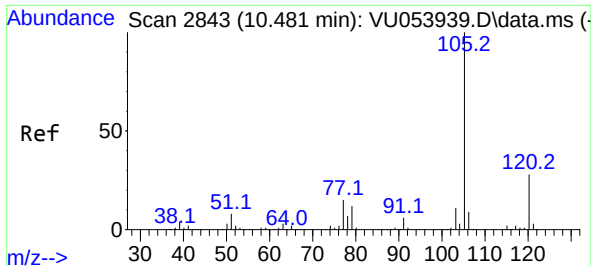
Tgt Ion:	83	Resp:	42111
Ion	Ratio	Lower	Upper
83	100		
85	67.2	43.5	80.9
131	9.5	7.8	11.6



#59
Bromoform
Concen: 5.233 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:	173	Resp:	19735
Ion	Ratio	Lower	Upper
173	100		
175	50.6	37.4	56.2
254	8.9	7.1	10.7

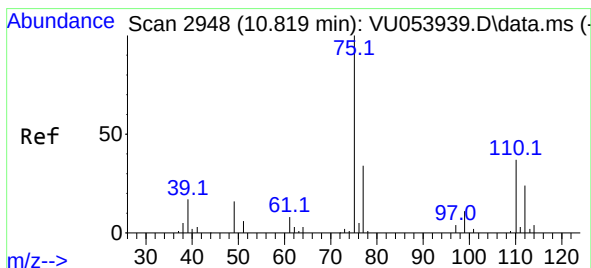
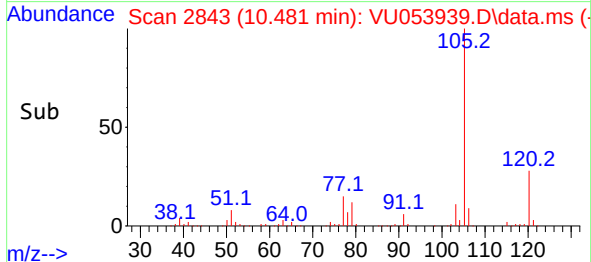
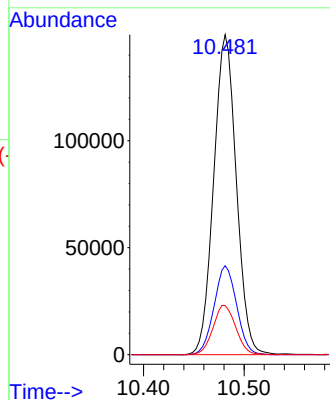
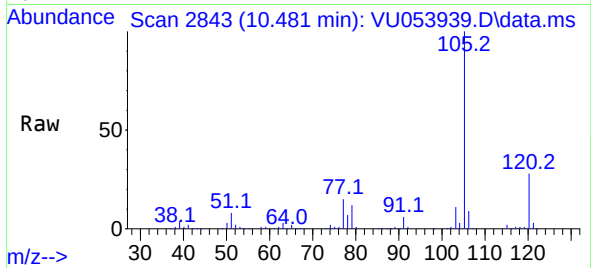




#60
Isopropylbenzene
Concen: 5.857 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

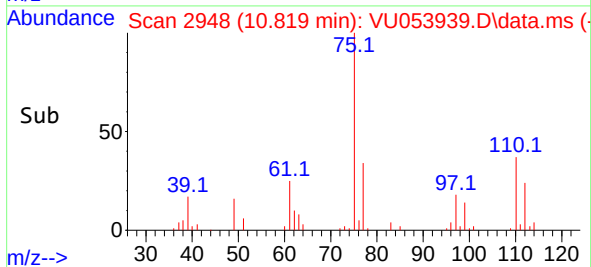
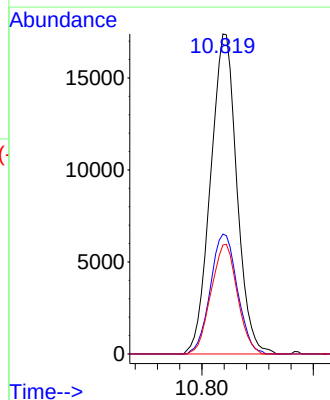
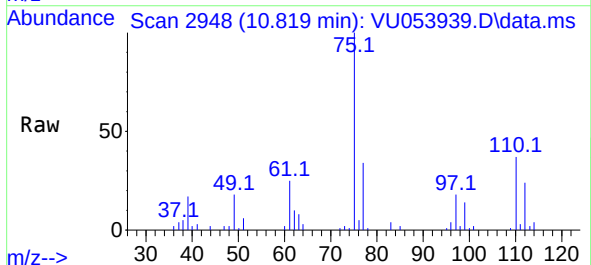
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

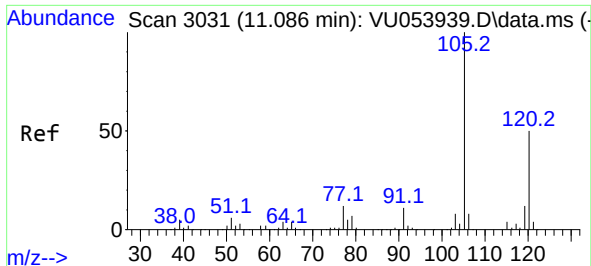
Tgt Ion:105 Resp: 233568
Ion Ratio Lower Upper
105 100
120 27.8 21.4 32.0
77 15.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.569 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion: 75 Resp: 28479
Ion Ratio Lower Upper
75 100
110 38.4 30.7 46.1
77 34.3 26.2 39.4

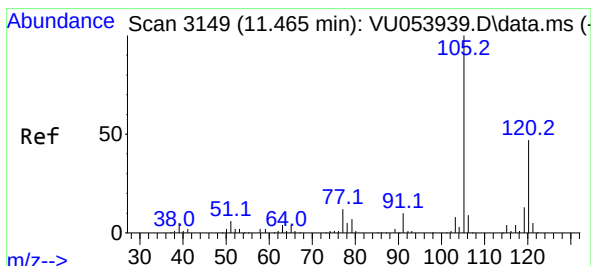
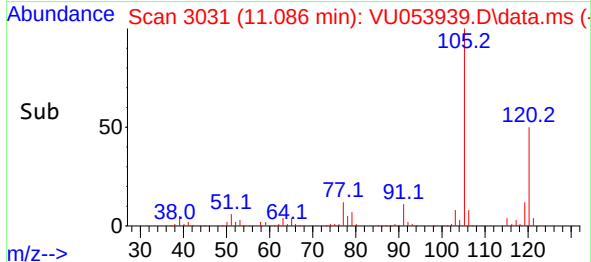
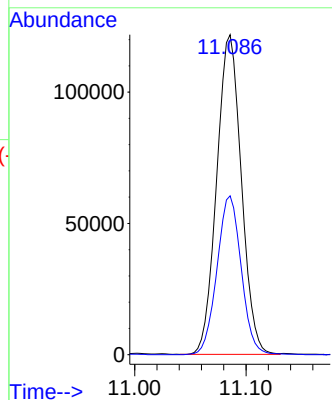
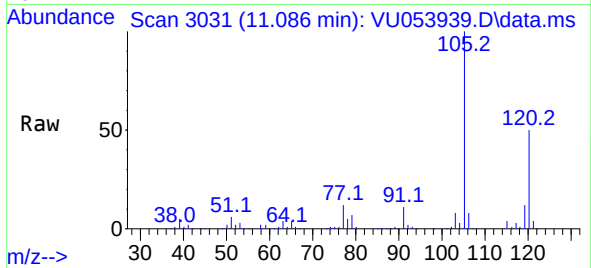




#62
1,3,5-Trimethylbenzene
Concen: 5.776 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

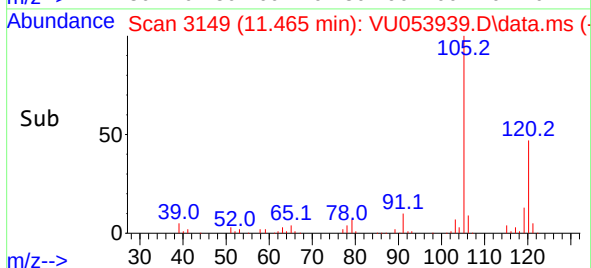
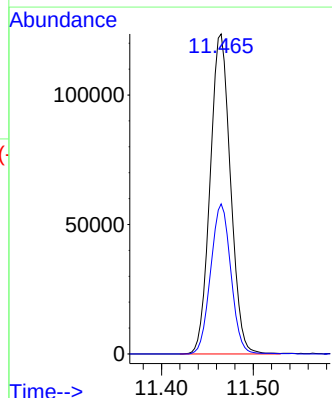
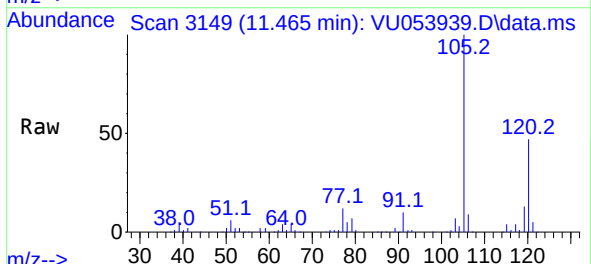
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

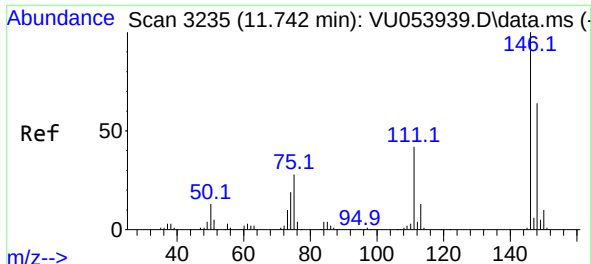
Tgt Ion:105 Resp: 187232
Ion Ratio Lower Upper
105 100
120 48.9 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.812 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:105 Resp: 190665
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7

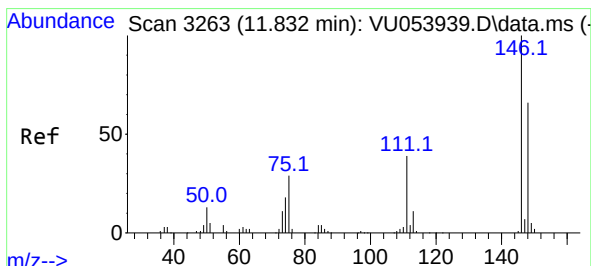
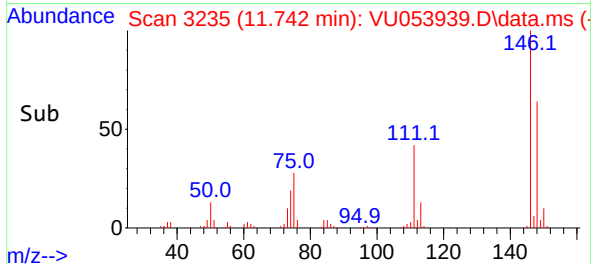
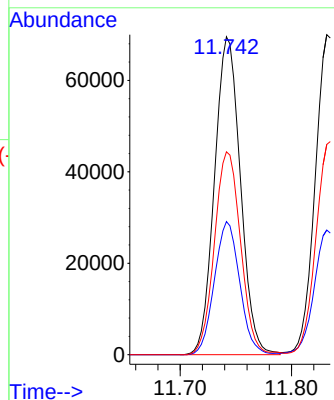
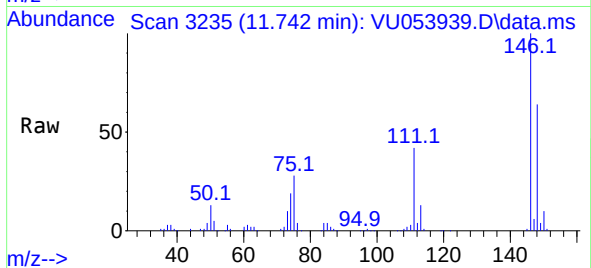




#64
1,3-Dichlorobenzene
Concen: 5.634 ug/L
RT: 11.742 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

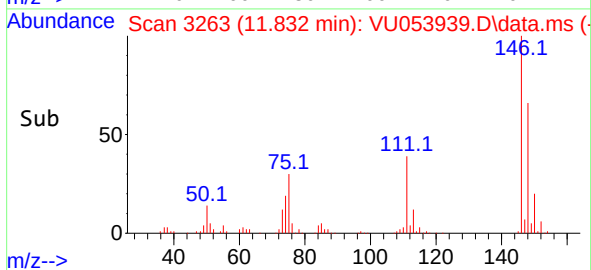
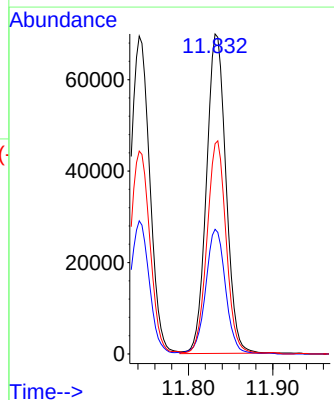
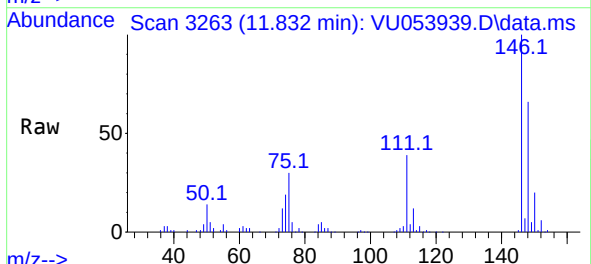
Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

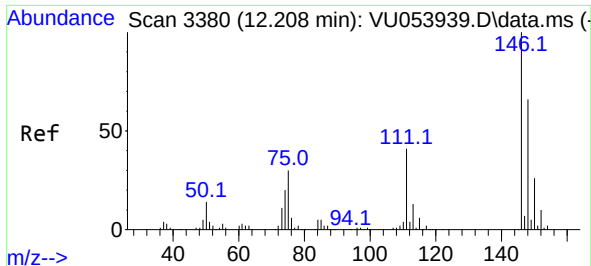
Tgt Ion:146 Resp: 112286
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.9
148 63.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.592 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:146 Resp: 112604
Ion Ratio Lower Upper
146 100
111 38.9 28.3 52.7
148 65.7 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.561 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD005164

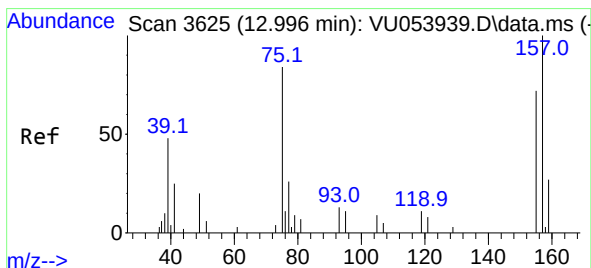
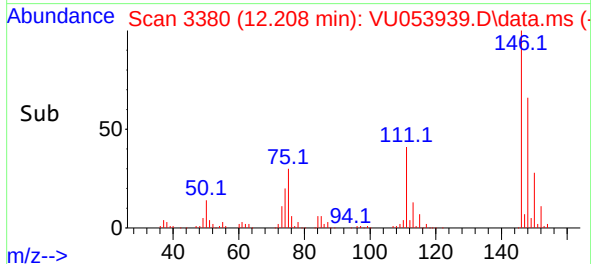
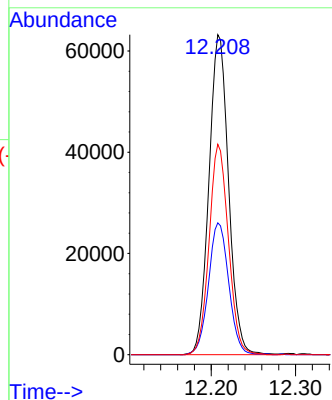
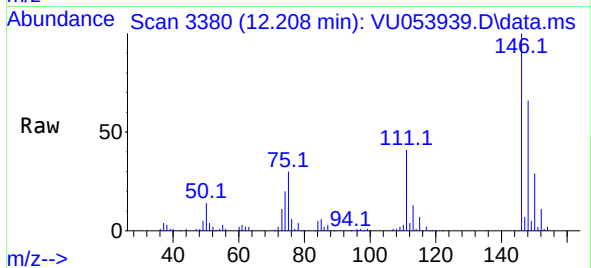
Tgt Ion:146 Resp: 102356

Ion Ratio Lower Upper

146 100

111 41.2 32.6 49.0

148 65.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.477 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU053939.D

Acq: 27 Apr 2023 16:18

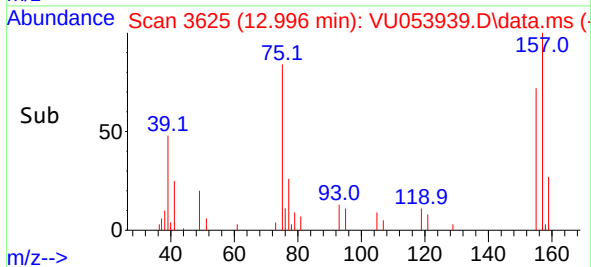
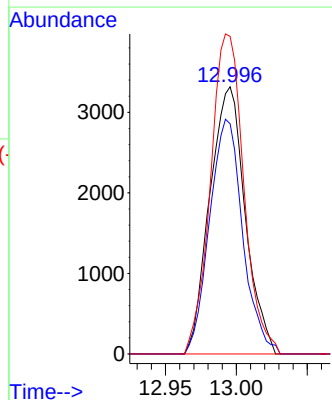
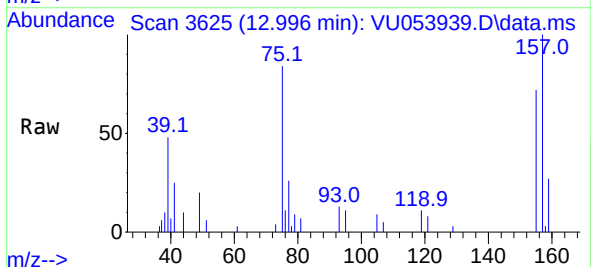
Tgt Ion: 75 Resp: 5773

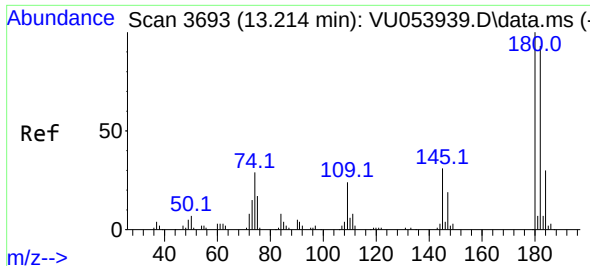
Ion Ratio Lower Upper

75 100

155 86.2 72.8 109.2

157 118.9 89.1 133.7



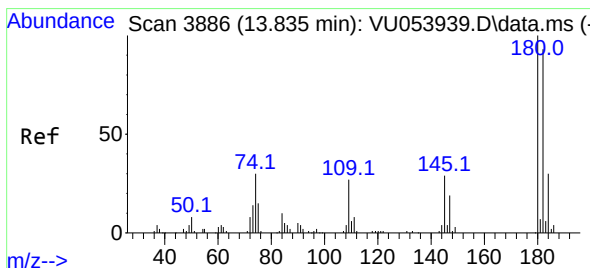
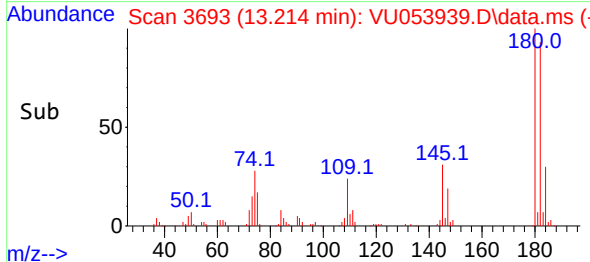
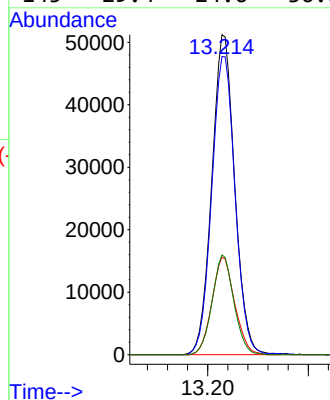
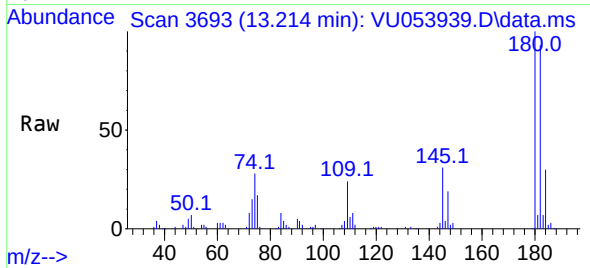


#69
1,3,5-Trichlorobenzene
Concen: 5.678 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

Tgt Ion:180 Resp: 81022

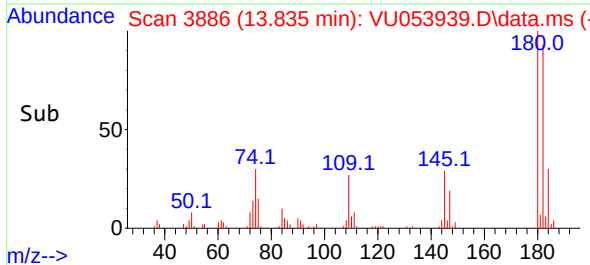
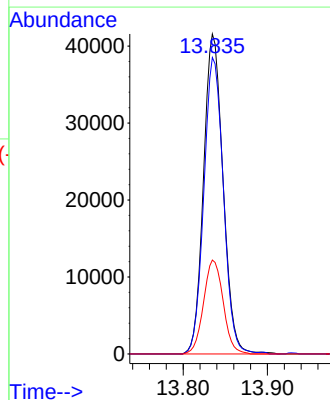
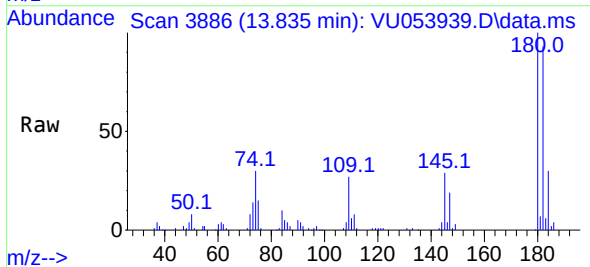
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
184	30.2	24.2	36.2
145	29.4	24.6	36.8

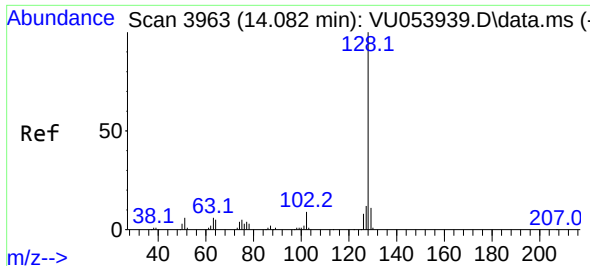


#70
1,2,4-trichlorobenzene
Concen: 5.155 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:180 Resp: 66970

Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.5	113.3
145	29.6	25.8	38.6

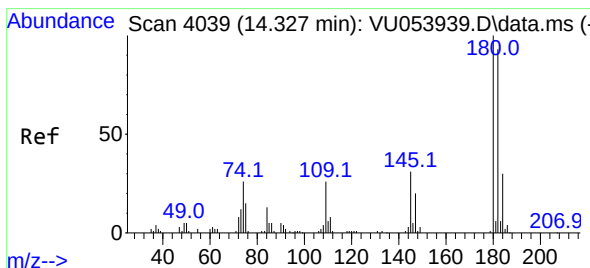
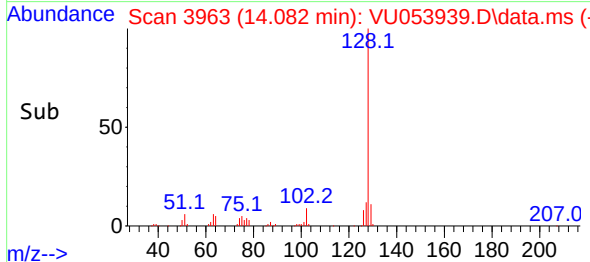
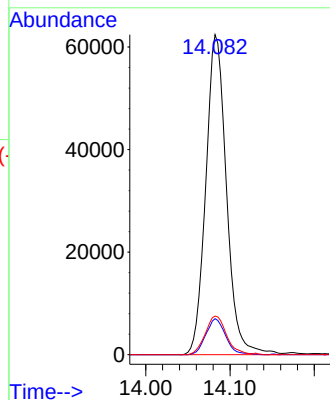
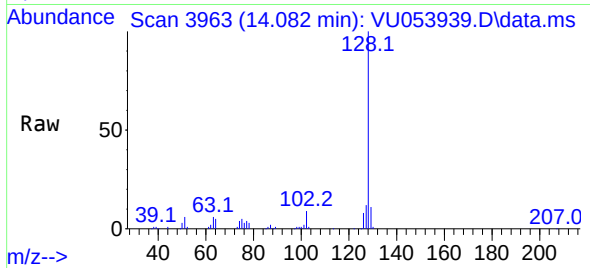




#71
Naphthalene
Concen: 4.644 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD005164

Tgt Ion:	128	Resp:	106643
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	12.4	10.1	15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.182 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053939.D
Acq: 27 Apr 2023 16:18

Tgt Ion:	180	Resp:	60070
Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.4	116.2
145	31.9	26.8	40.2

