

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051958.D
 Acq On : 19 Nov 2022 16:32
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Nov 19 21:45:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243062	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121785	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.909	69	94883	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.565	65	42320	4.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.620	46	224483	52.381	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	5.060	84	188358	5.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.700	65	90824	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.726	84	390345	5.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.687	67	120092	5.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.896	98	358293	5.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
43) trans-1,3-Dichloroprop...	8.176	79	41523	5.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.629	63	189408	56.211	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	101681	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	119401	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100649	4.774	ug/L	99
3) Chloromethane	1.527	50	142720	5.187	ug/L	99
5) Vinyl chloride	1.604	62	135018	5.108	ug/L	98
6) Bromomethane	1.851	94	75846	5.592	ug/L	98
8) Chloroethane	1.932	64	81096	4.934	ug/L	96
9) Trichlorofluoromethane	2.138	101	140776	4.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	82648	4.649	ug/L	99
12) 1,1-Dichloroethene	2.578	96	87250	4.948	ug/L	98
13) Acetone	2.623	43	141978	48.787	ug/L	99
14) Carbon disulfide	2.793	76	298913	4.897	ug/L	99
15) Methyl Acetate	2.948	43	38928	5.157	ug/L	100
16) Methylene chloride	3.044	84	124672	5.226	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	204858	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	96978	5.131	ug/L	97
19) 1,1-Dichloroethane	3.867	63	180673	5.304	ug/L	98
21) 2-Butanone	4.697	43	235299	50.447	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	112532	5.673	ug/L	99
23) Bromochloromethane	4.973	128	50034	5.272	ug/L	95
25) Chloroform	5.086	83	182967	5.301	ug/L	95

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 ALS Vial : 62 Sample Multiplier: 1

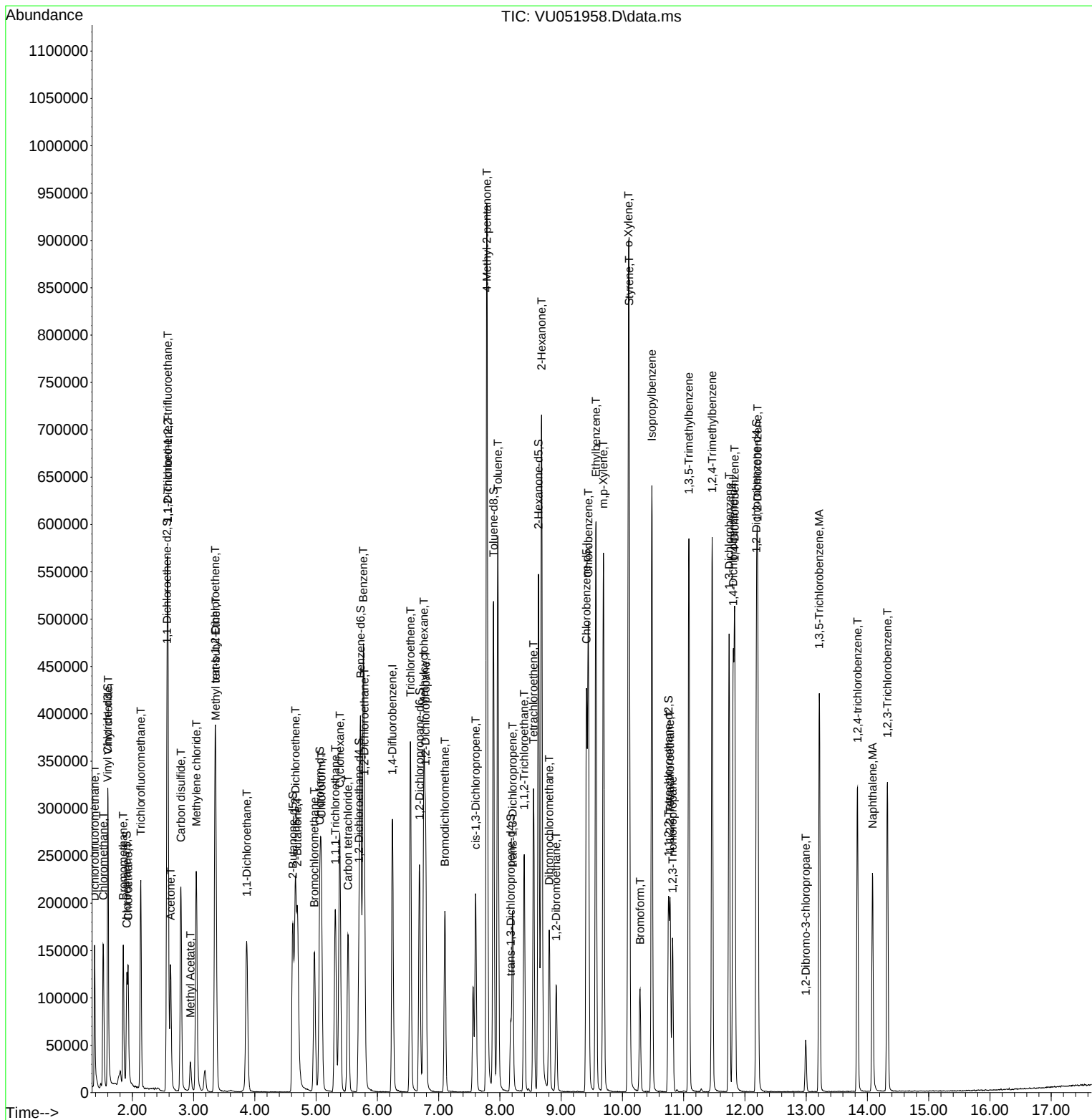
Instrument :
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 ClientSampleId :
 VSTD005085

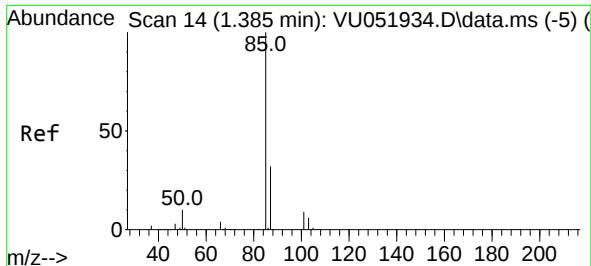
Quant Time: Nov 19 21:45:59 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	112073	5.301	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	139214	5.284	ug/L	100
30) Cyclohexane	5.385	56	129833	5.075	ug/L	98
31) Carbon tetrachloride	5.520	117	115663	5.166	ug/L	100
33) Benzene	5.771	78	427623	5.533	ug/L	100
34) Trichloroethene	6.539	95	131692	6.832	ug/L	99
35) Methylcyclohexane	6.761	83	132529	4.779	ug/L	99
37) 1,2-Dichloropropane	6.787	63	108541	5.424	ug/L	98
38) Bromodichloromethane	7.102	83	129446	5.306	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	130485	5.079	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	580547	55.540	ug/L	100
42) Toluene	7.967	91	445499	5.604	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	112120	5.096	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	81596	5.426	ug/L	98
47) Tetrachloroethene	8.549	164	75537	5.113	ug/L	97
48) 2-Hexanone	8.681	43	431391	56.295	ug/L	99
49) Dibromochloromethane	8.806	129	89250	5.299	ug/L	98
50) 1,2-Dibromoethane	8.919	107	73278	5.350	ug/L	97
51) Chlorobenzene	9.443	112	270804	5.343	ug/L	99
52) Ethylbenzene	9.568	91	423414	5.478	ug/L	100
53) m,p-Xylene	9.690	106	168356	5.625	ug/L	96
54) o-Xylene	10.099	106	166154	5.793	ug/L	95
55) Styrene	10.111	104	284271	5.868	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	101595	5.409	ug/L	98
59) Bromoform	10.288	173	49866	5.133	ug/L	98
60) Isopropylbenzene	10.481	105	408350	5.511	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	69960	5.182	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	322091	5.438	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	327838	5.576	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	204801	5.413	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	199854	5.297	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	195451	5.365	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14345	4.856	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	136144	5.075	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	103530	5.068	ug/L	99
71) Naphthalene	14.082	128	193252	5.039	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	107580	5.352	ug/L	98

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

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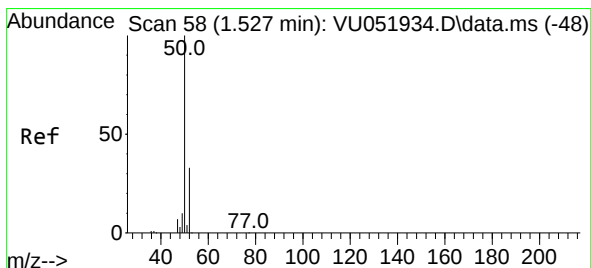
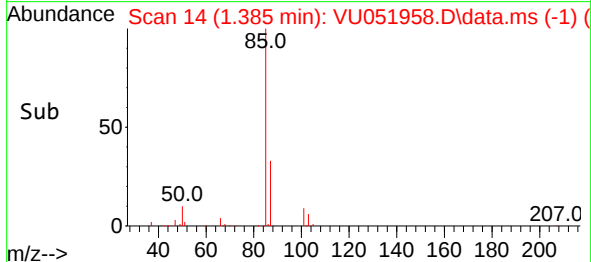
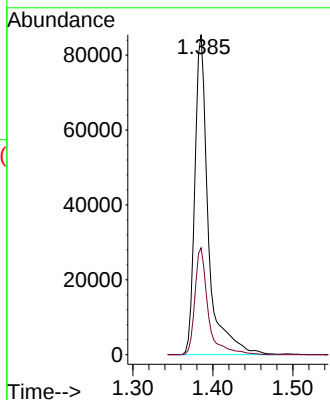
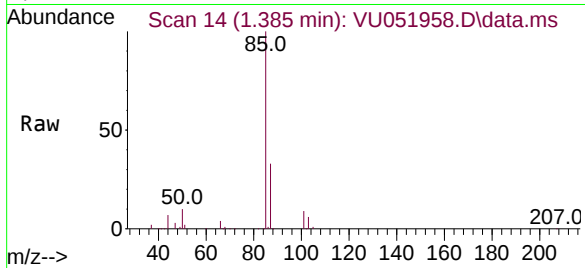




#2
Dichlorodifluoromethane
Concen: 4.774 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

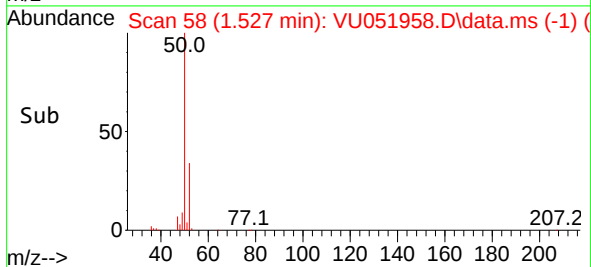
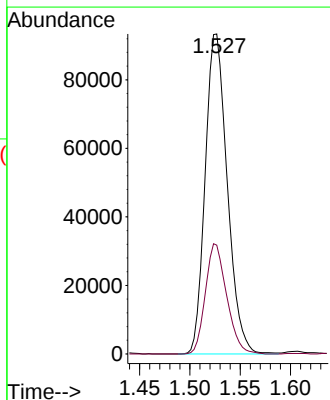
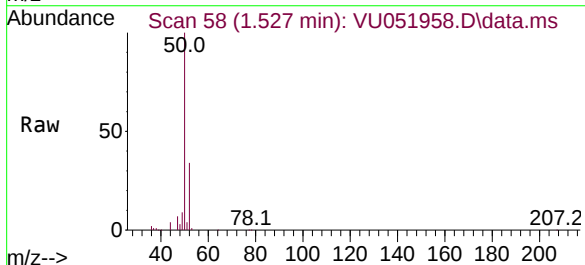
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

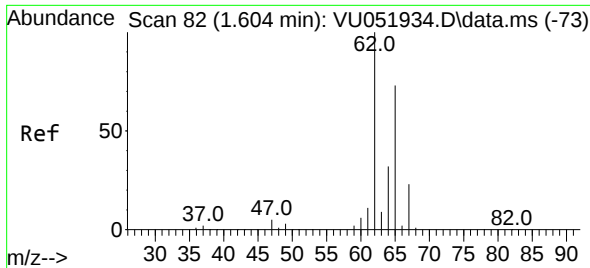
Tgt Ion: 85 Resp: 100649
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 5.187 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 50 Resp: 142720
Ion Ratio Lower Upper
50 100
52 34.0 23.4 43.4

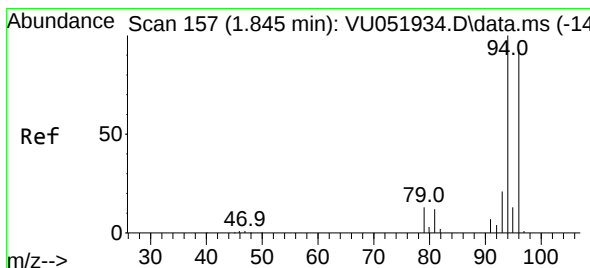
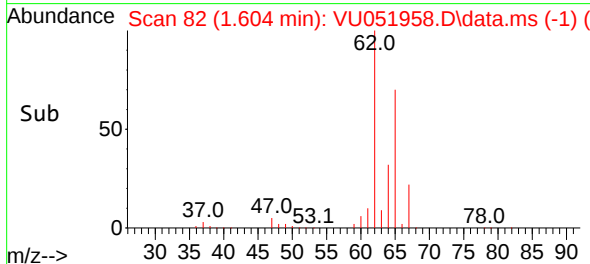
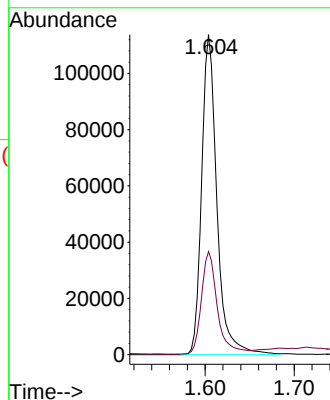
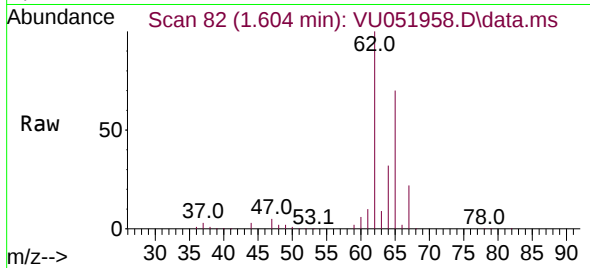




#5
 Vinyl chloride
 Concen: 5.108 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

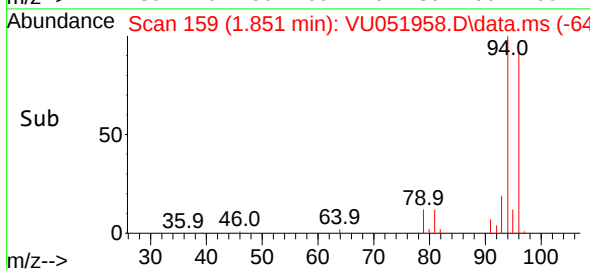
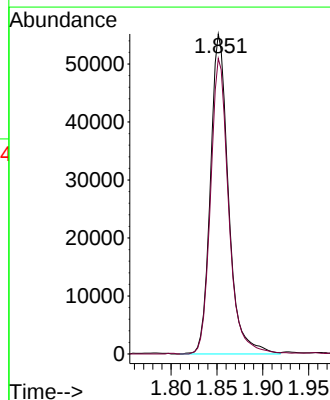
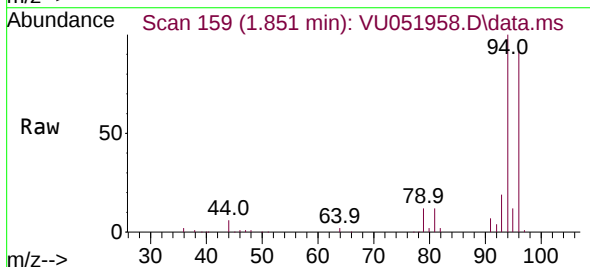
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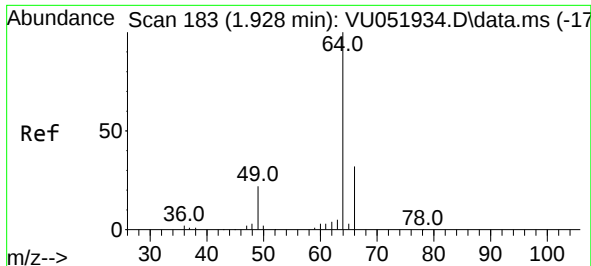
Tgt Ion: 62 Resp: 135018
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#6
 Bromomethane
 Concen: 5.592 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.007 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

Tgt Ion: 94 Resp: 75846
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.7 122.1

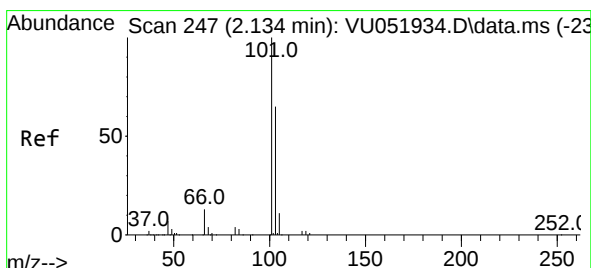
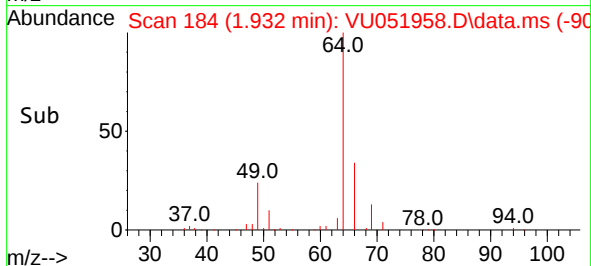
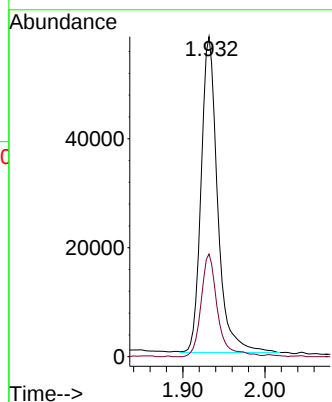
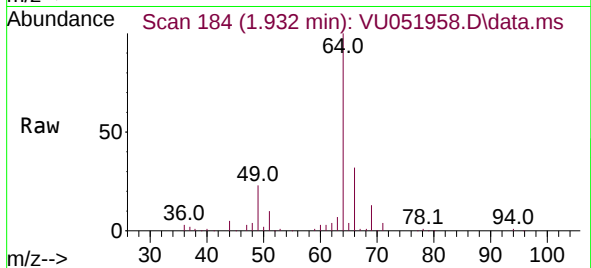




#8
Chloroethane
Concen: 4.934 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

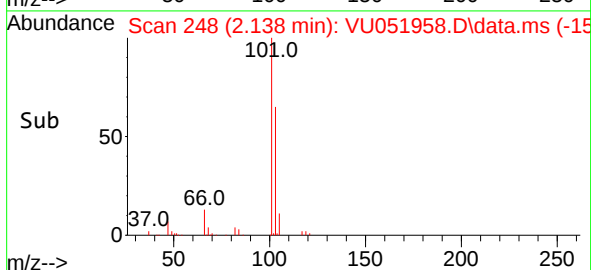
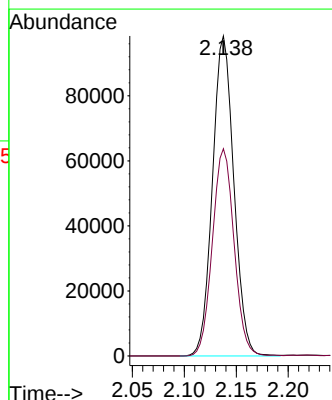
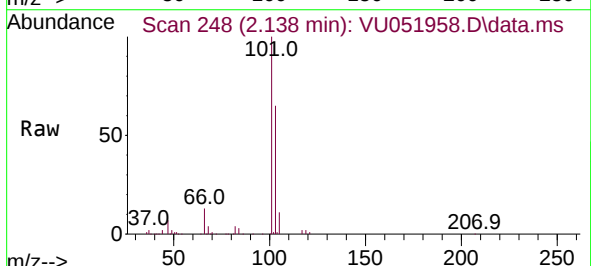
Instrument :
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ClientSampleId :
VSTD005085

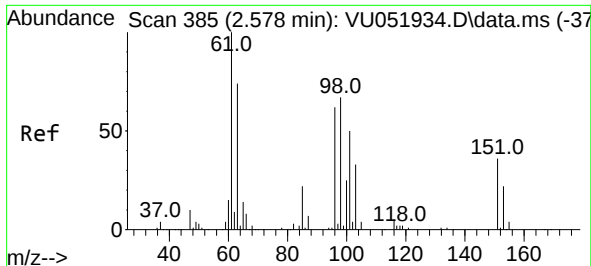
Tgt Ion: 64 Resp: 81096
Ion Ratio Lower Upper
64 100
66 32.1 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.841 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 101 Resp: 140776
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

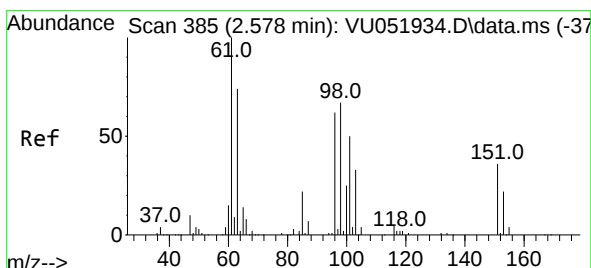
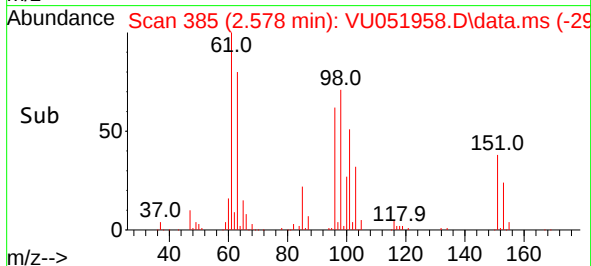
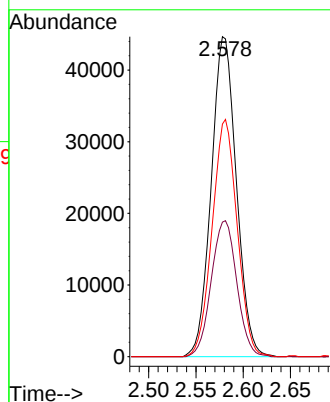
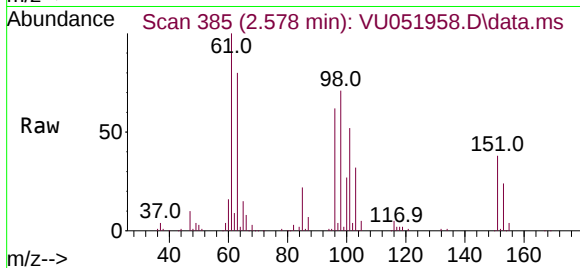




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.649 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

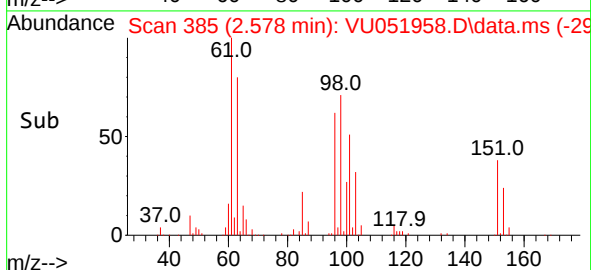
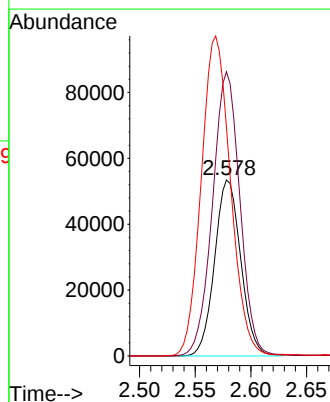
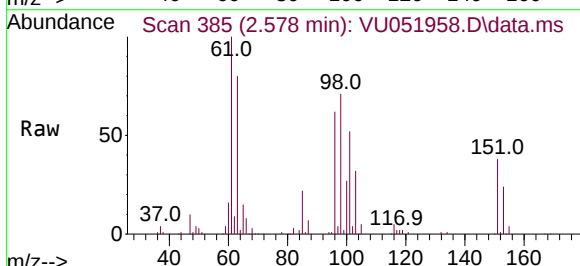
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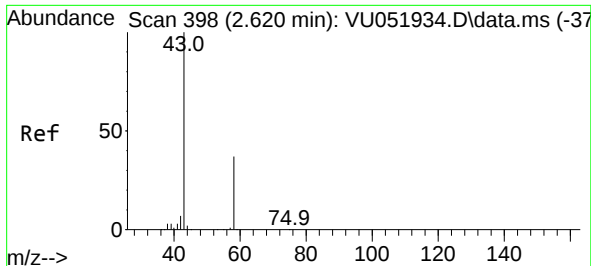
Tgt Ion:	101	Resp:	82648
Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.8	50.6
151	73.8	58.6	88.0



#12
 1,1-Dichloroethene
 Concen: 4.948 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

Tgt Ion:	96	Resp:	87250
Ion	Ratio	Lower	Upper
96	100		
61	161.6	114.8	213.2
63	130.1	93.7	174.1





#13

Acetone

Concen: 48.787 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

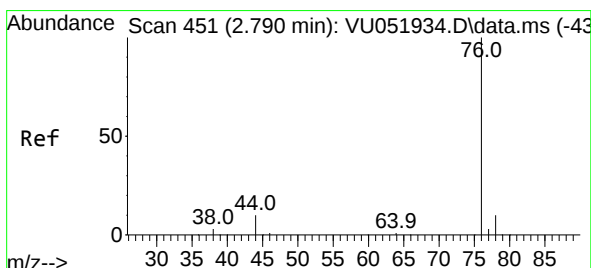
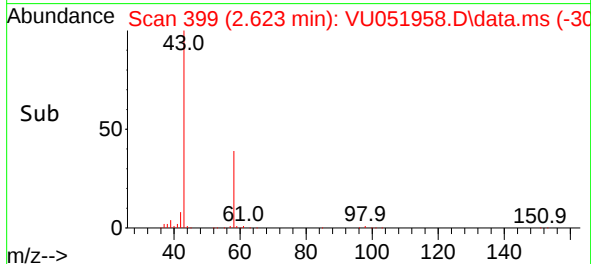
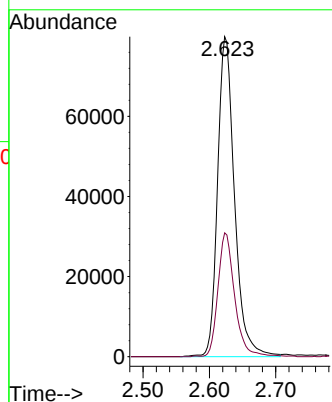
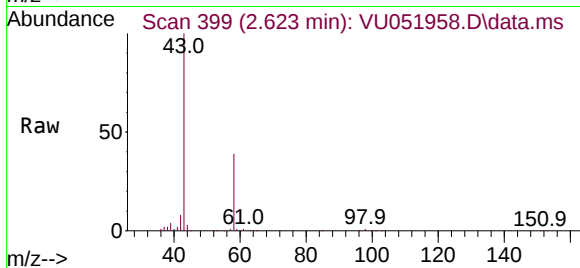
VSTD005085

Tgt Ion: 43 Resp: 141978

Ion Ratio Lower Upper

43 100

58 37.6 0.0 76.0



#14

Carbon disulfide

Concen: 4.897 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051958.D

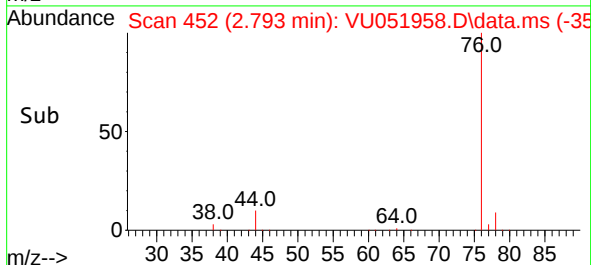
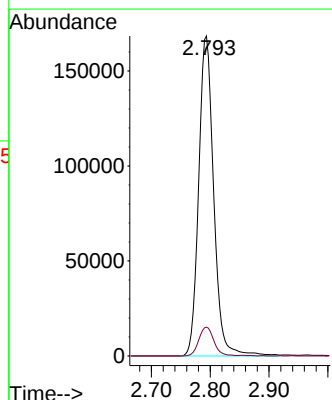
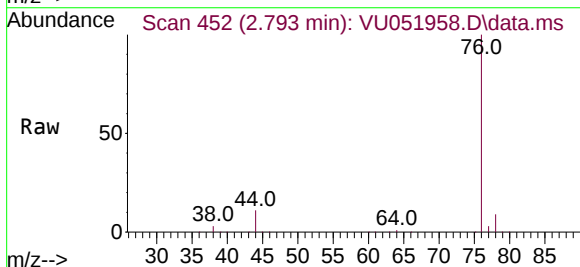
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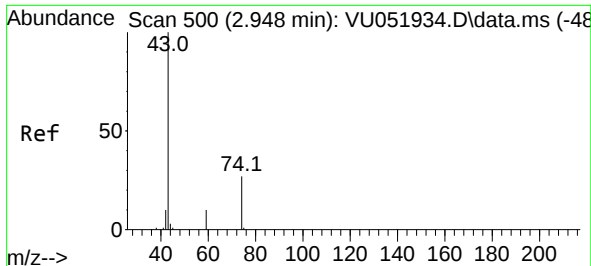
Tgt Ion: 76 Resp: 298913

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

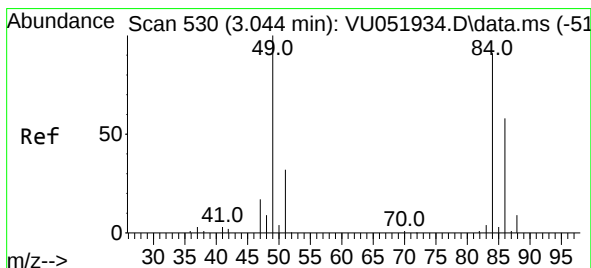
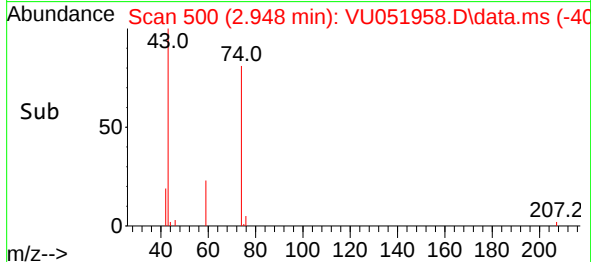
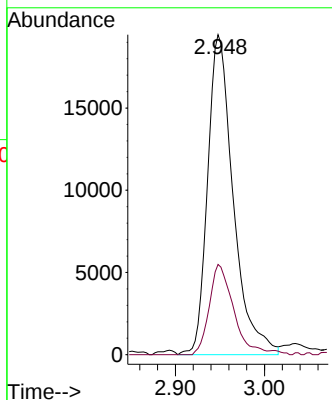
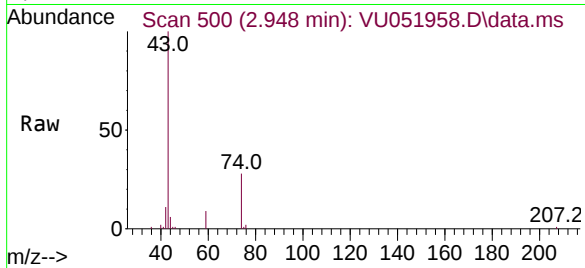




#15
Methyl Acetate
Concen: 5.157 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

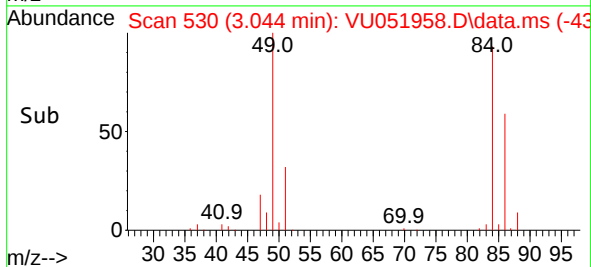
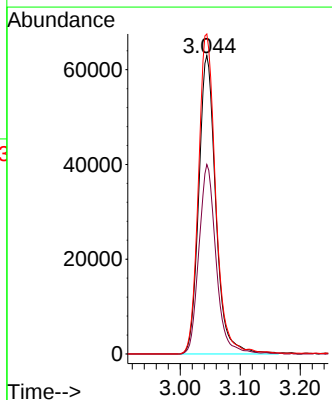
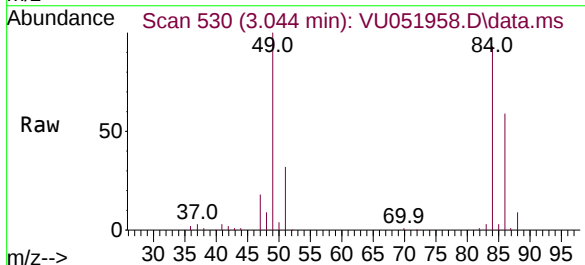
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

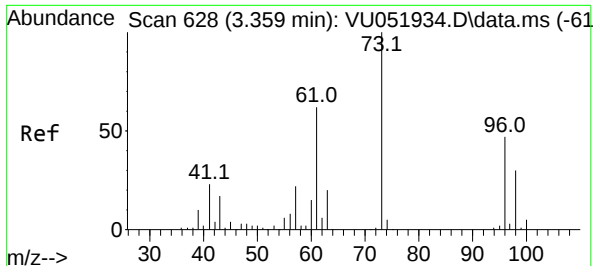
Tgt Ion: 43 Resp: 38928
Ion Ratio Lower Upper
43 100
74 26.4 21.3 31.9



#16
Methylene chloride
Concen: 5.226 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 84 Resp: 124672
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.4
49 107.2 75.9 141.1

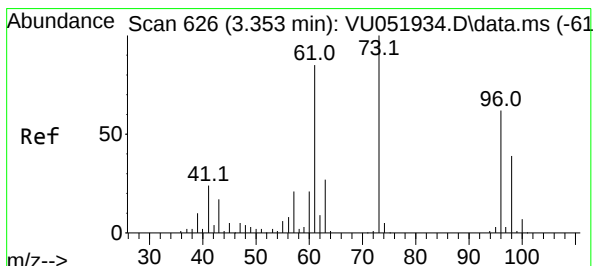
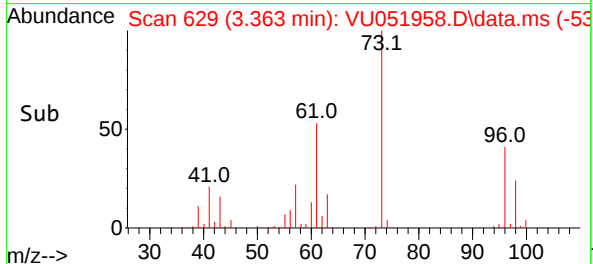
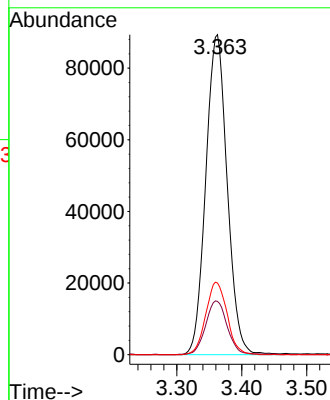
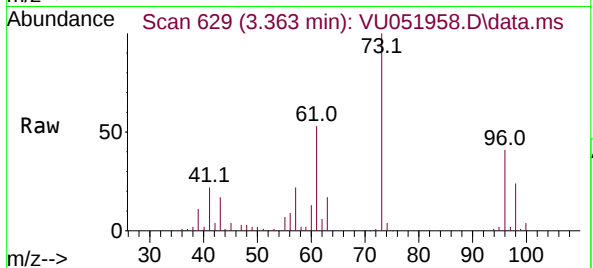




#17
Methyl tert-butyl Ether
Concen: 5.190 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

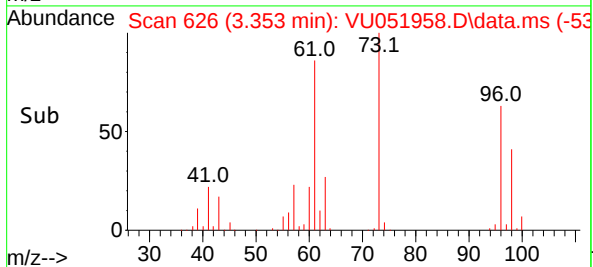
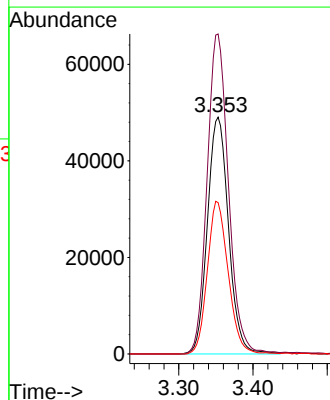
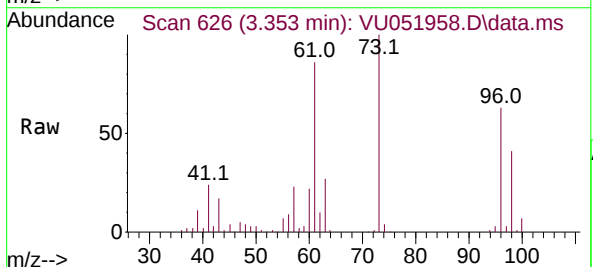
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

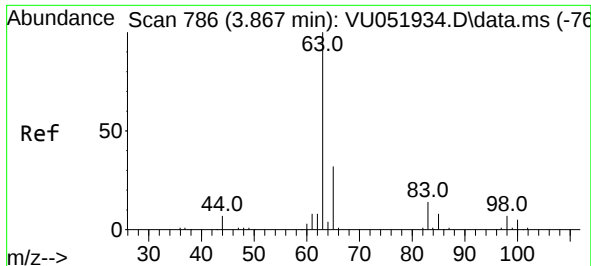
Tgt Ion: 73 Resp: 204858
Ion Ratio Lower Upper
73 100
43 17.0 13.2 19.8
57 22.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 96 Resp: 96978
Ion Ratio Lower Upper
96 100
61 135.2 97.9 181.7
98 64.0 43.8 81.3

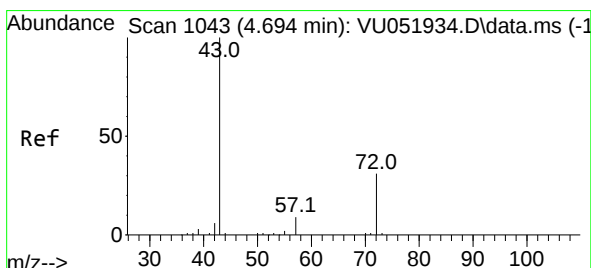
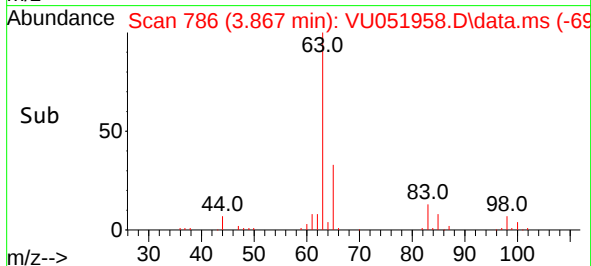
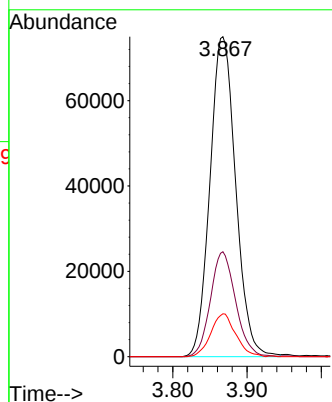
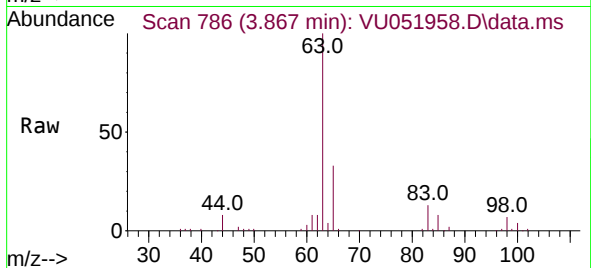




#19
1,1-Dichloroethane
Concen: 5.304 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

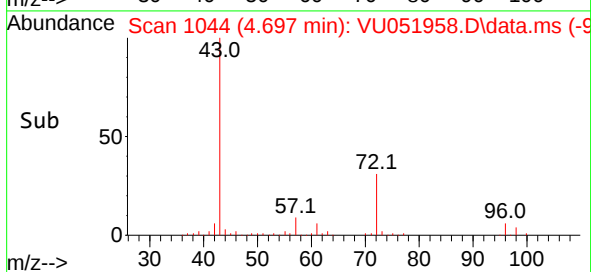
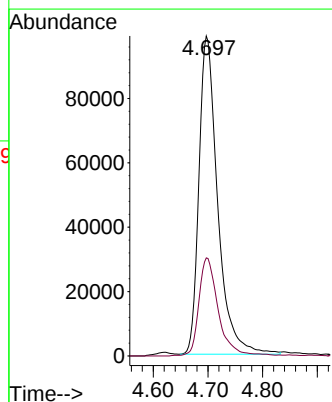
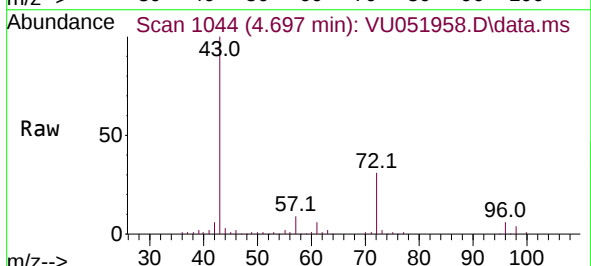
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

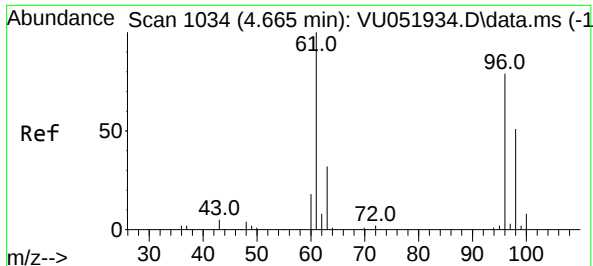
Tgt Ion: 63 Resp: 180673
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 13.4 9.2 17.0



#21
2-Butanone
Concen: 50.447 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 43 Resp: 235299
Ion Ratio Lower Upper
43 100
72 31.5 15.6 46.8

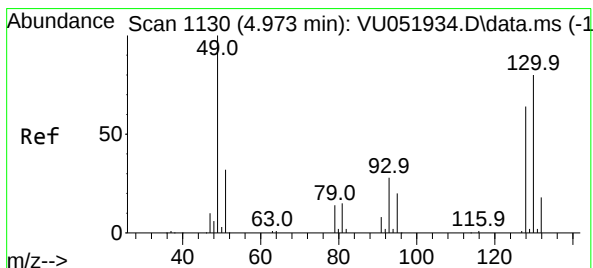
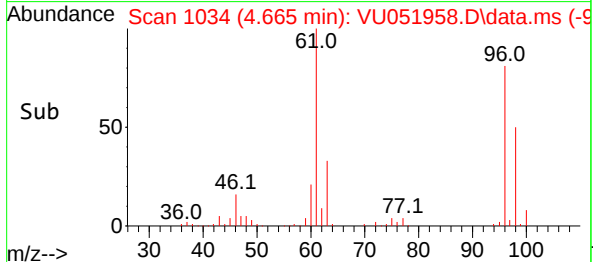
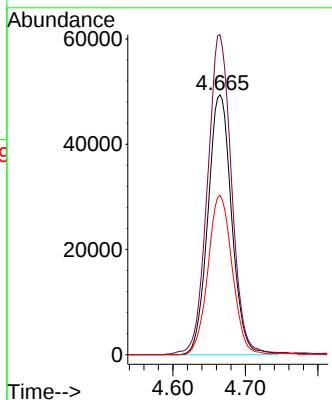
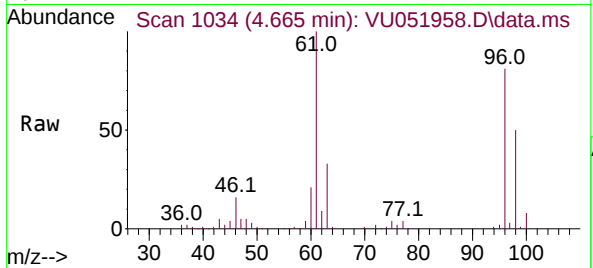




#22
 cis-1,2-Dichloroethene
 Concen: 5.673 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

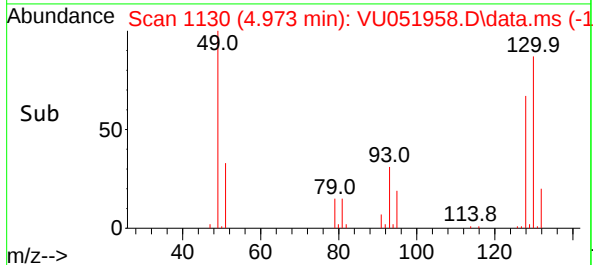
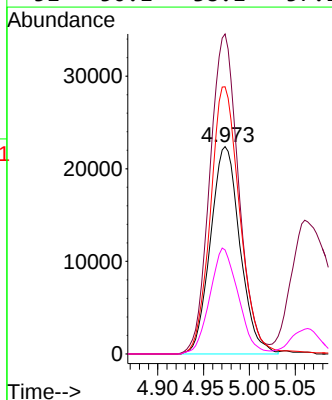
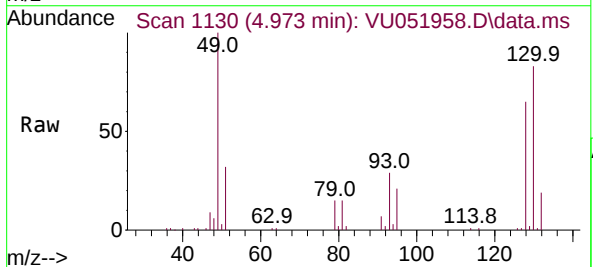
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

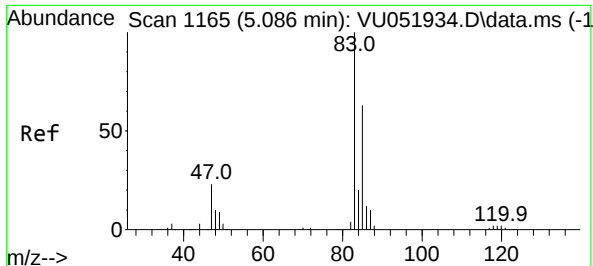
Tgt Ion: 96 Resp: 112532
 Ion Ratio Lower Upper
 96 100
 61 123.1 85.1 158.1
 98 61.3 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.272 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

Tgt Ion: 128 Resp: 50034
 Ion Ratio Lower Upper
 128 100
 49 154.3 104.0 193.2
 130 128.9 84.6 157.2
 51 50.1 38.1 57.1





#25

Chloroform

Concen: 5.301 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

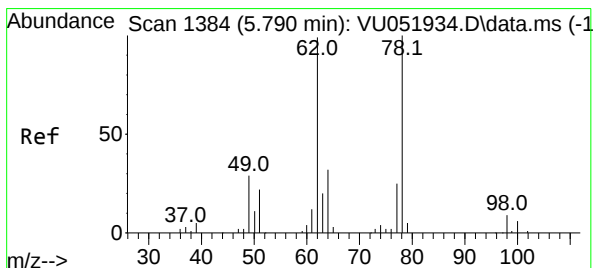
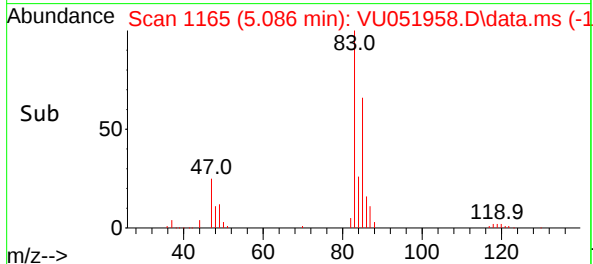
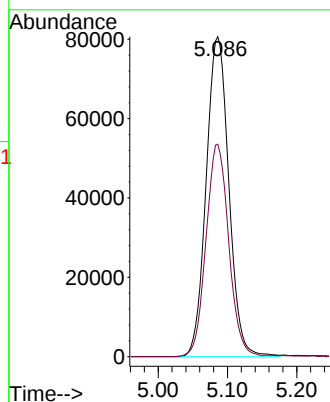
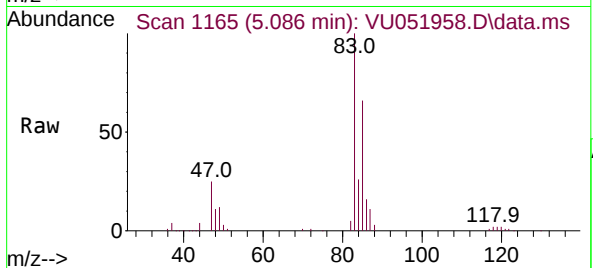
VSTD005085

Tgt Ion: 83 Resp: 182967

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.301 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051958.D

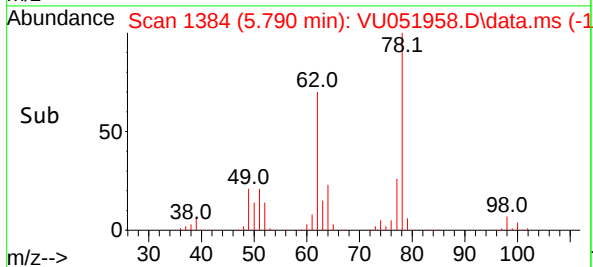
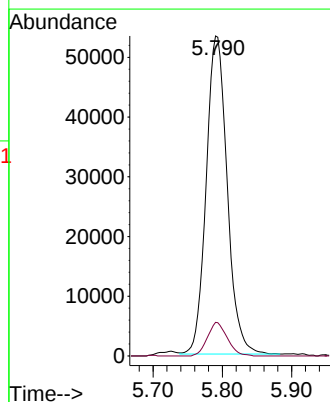
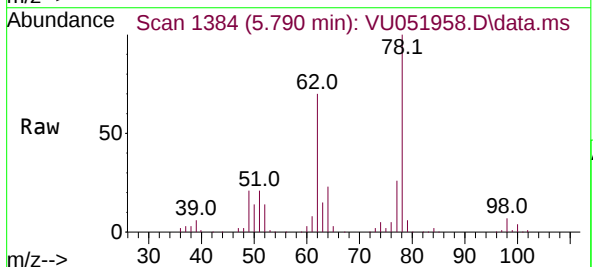
Acq: 19 Nov 2022 16:32

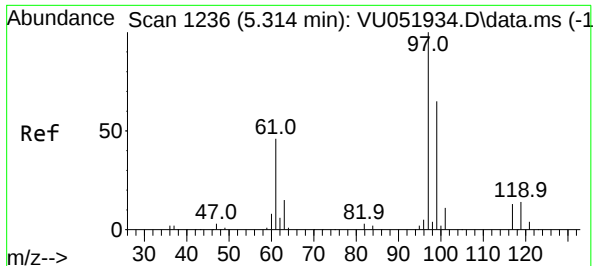
Tgt Ion: 62 Resp: 112073

Ion Ratio Lower Upper

62 100

98 10.5 8.4 12.6

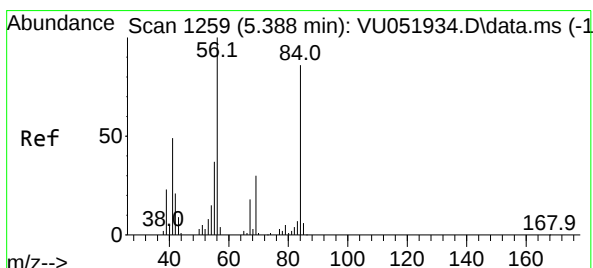
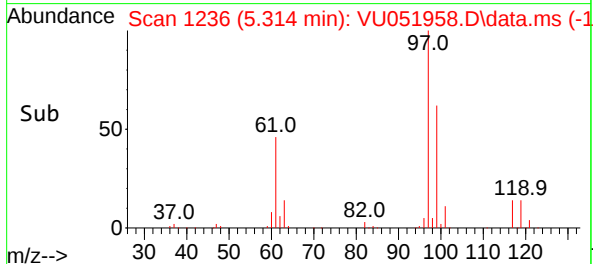
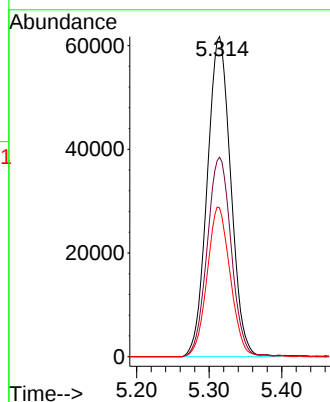
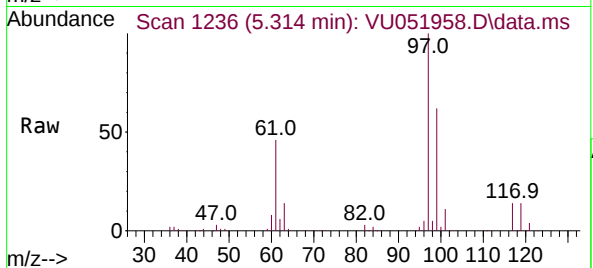




#29
1,1,1-Trichloroethane
Concen: 5.284 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

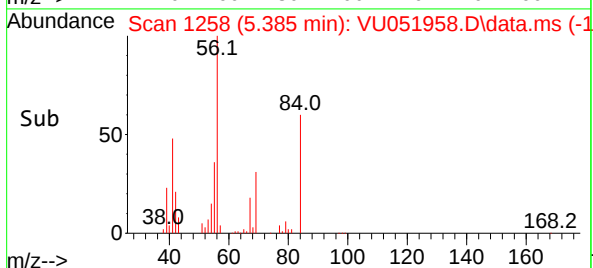
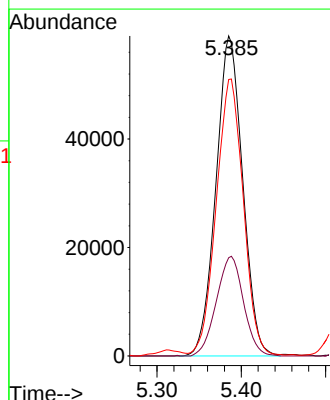
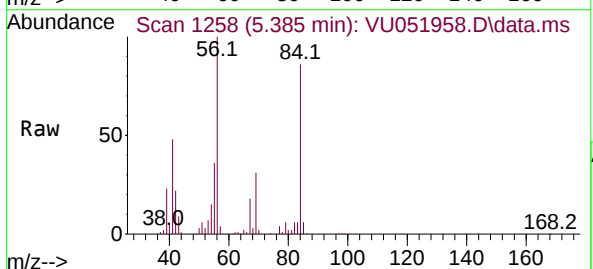
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

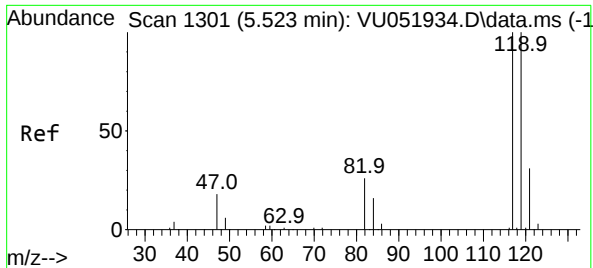
Tgt Ion: 97 Resp: 139214
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 46.1 36.9 55.3



#30
Cyclohexane
Concen: 5.075 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 56 Resp: 129833
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 87.3 72.0 108.0

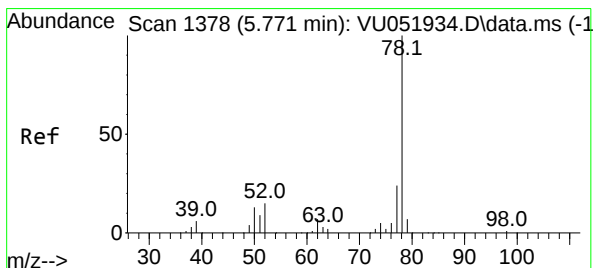
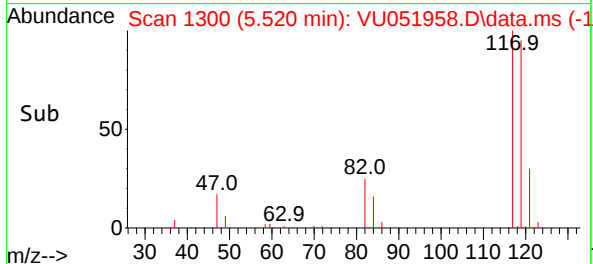
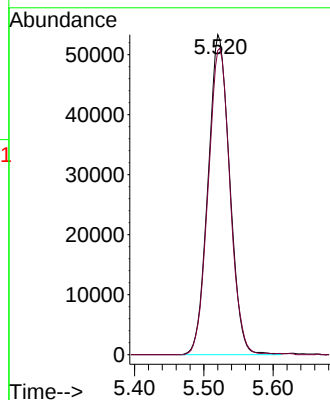
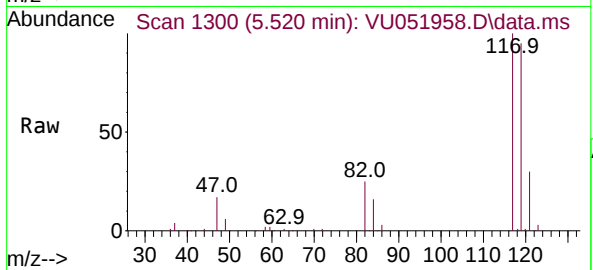




#31
Carbon tetrachloride
Concen: 5.166 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

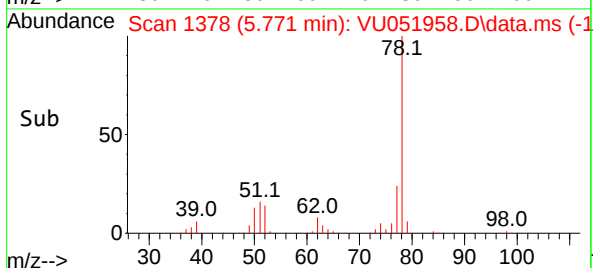
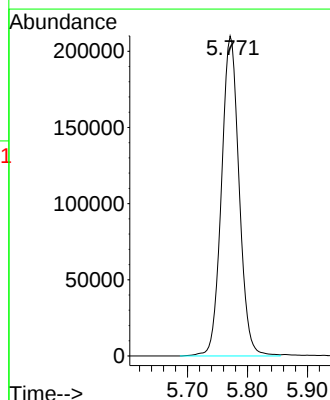
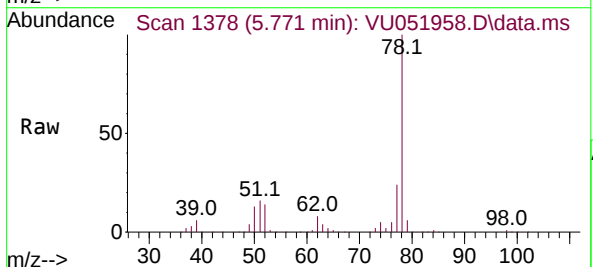
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

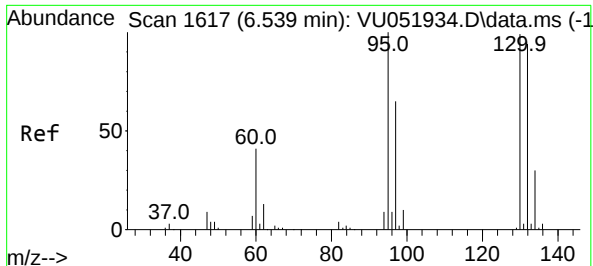
Tgt Ion:117 Resp: 115663
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 5.533 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 78 Resp: 427623

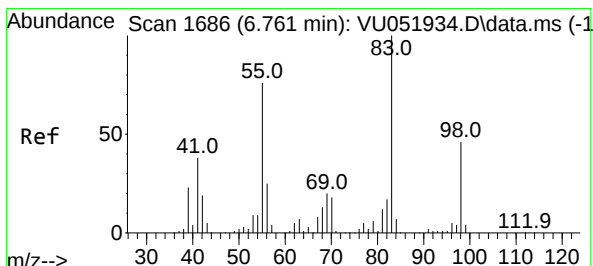
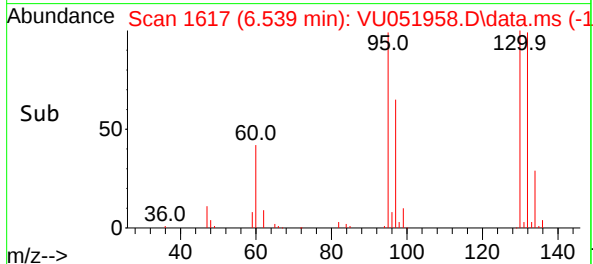
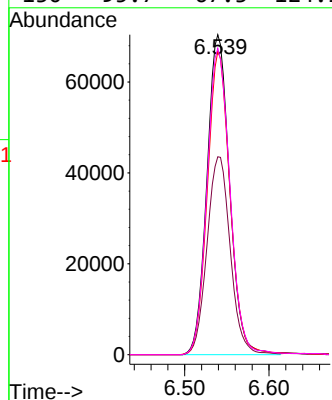
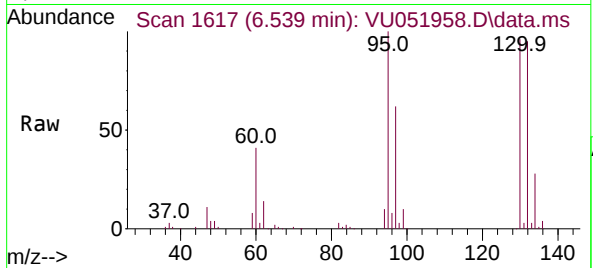




#34
Trichloroethene
Concen: 6.832 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

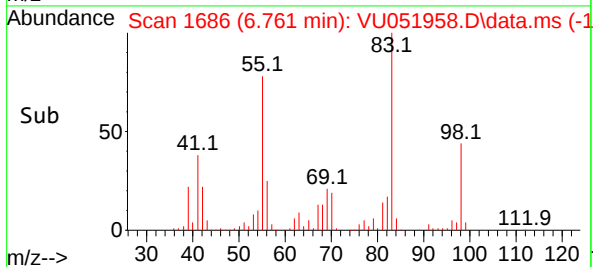
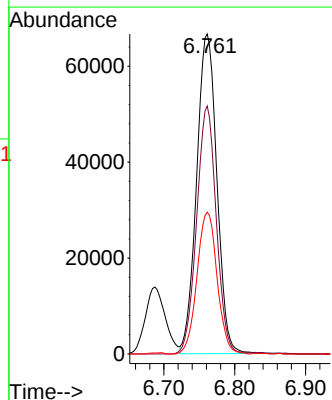
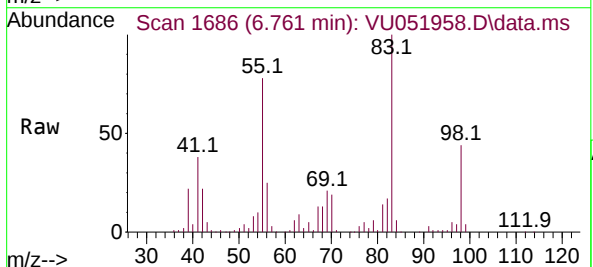
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

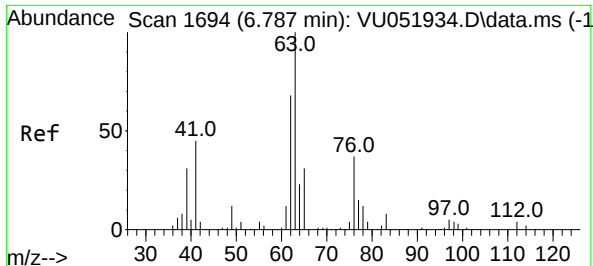
Tgt Ion: 95 Resp: 131692
Ion Ratio Lower Upper
95 100
97 61.8 43.7 81.1
132 94.8 64.3 119.3
130 95.7 67.3 124.9



#35
Methylcyclohexane
Concen: 4.779 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 83 Resp: 132529
Ion Ratio Lower Upper
83 100
55 75.4 60.8 91.2
98 44.0 35.1 52.7





#37

1,2-Dichloropropane

Concen: 5.424 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

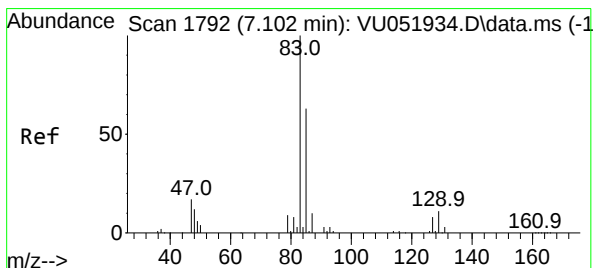
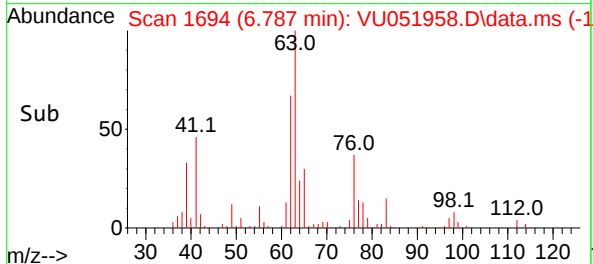
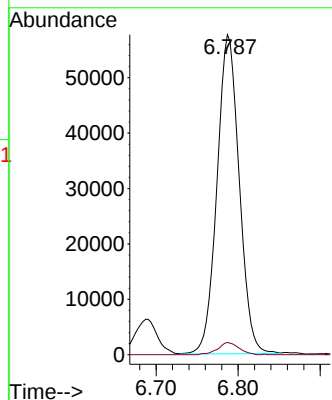
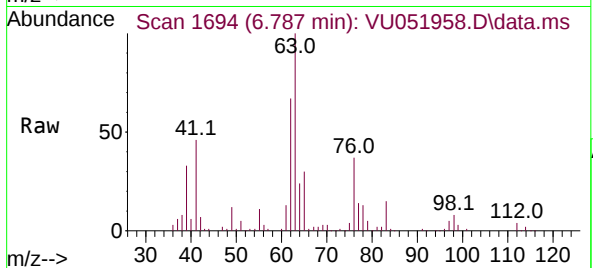
VSTD005085

Tgt Ion: 63 Resp: 108541

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9



#38

Bromodichloromethane

Concen: 5.306 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

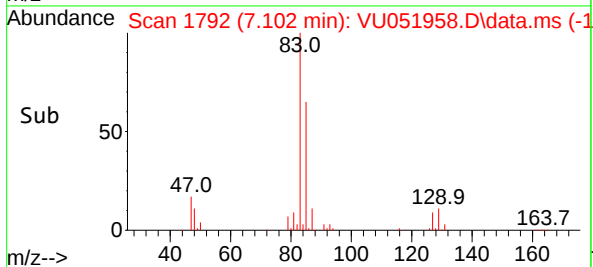
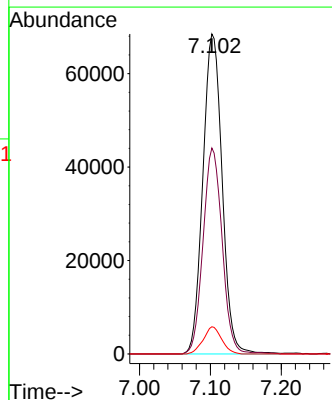
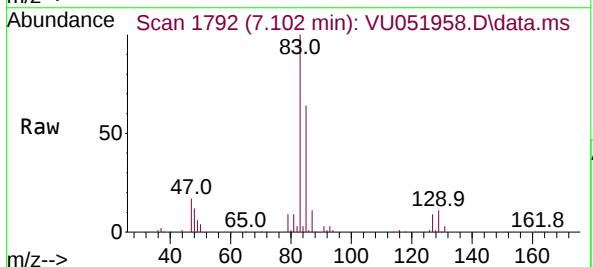
Tgt Ion: 83 Resp: 129446

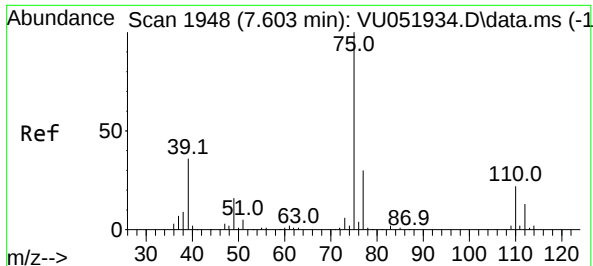
Ion Ratio Lower Upper

83 100

85 64.4 43.5 80.9

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.079 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

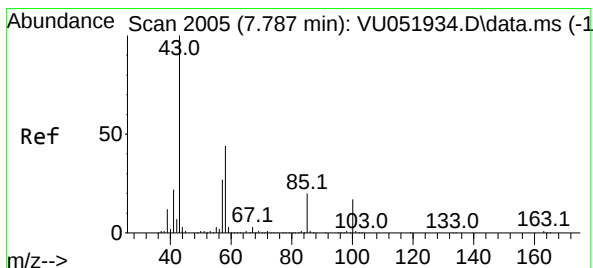
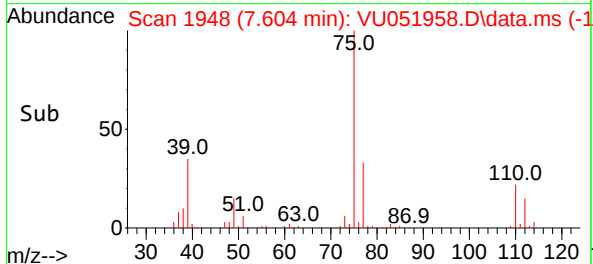
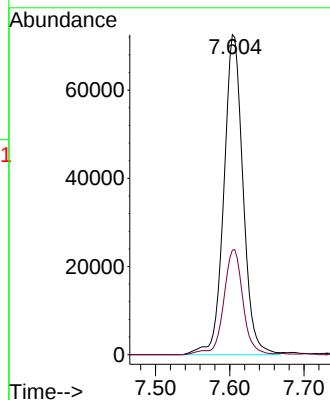
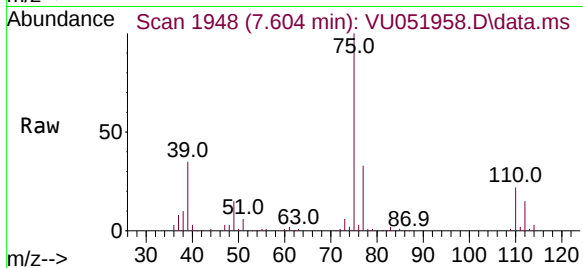
VSTD005085

Tgt Ion: 75 Resp: 130485

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.540 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

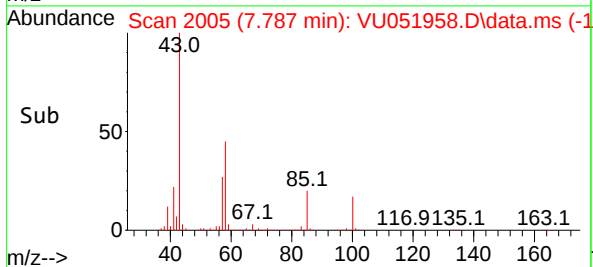
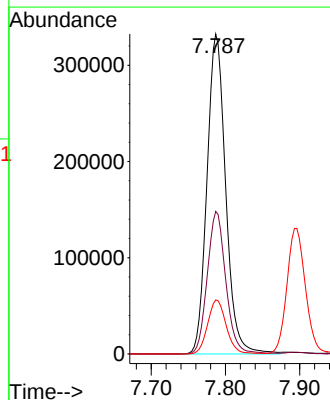
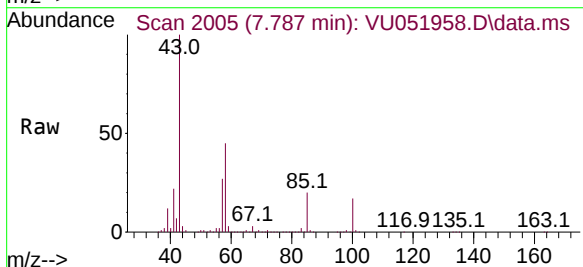
Tgt Ion: 43 Resp: 580547

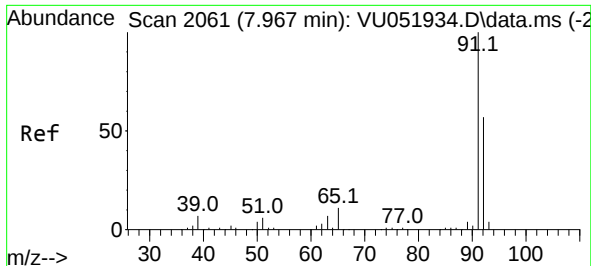
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 16.8 13.6 20.4





#42

Toluene

Concen: 5.604 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

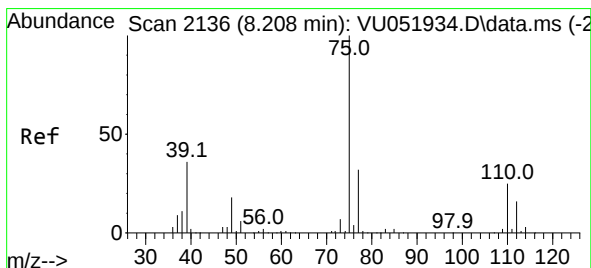
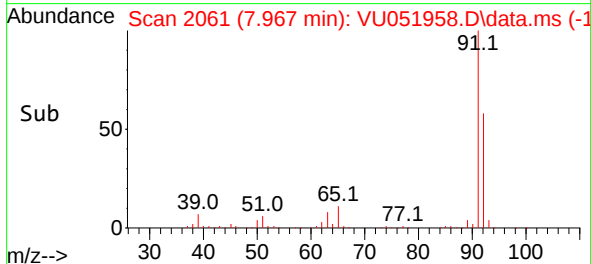
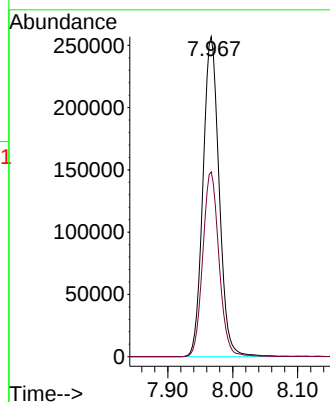
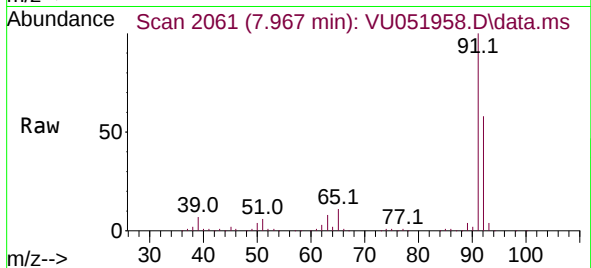
VSTD005085

Tgt Ion: 91 Resp: 445499

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.096 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051958.D

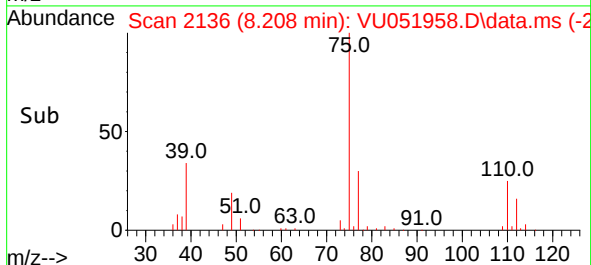
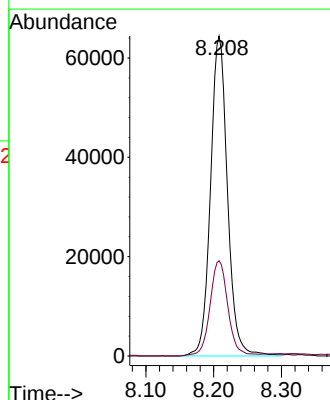
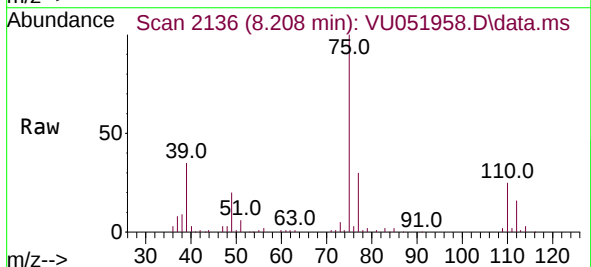
Acq: 19 Nov 2022 16:32

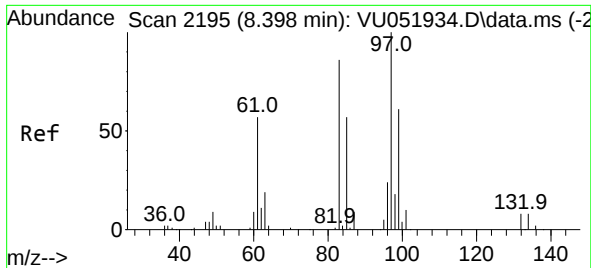
Tgt Ion: 75 Resp: 112120

Ion Ratio Lower Upper

75 100

77 29.8 22.6 42.0

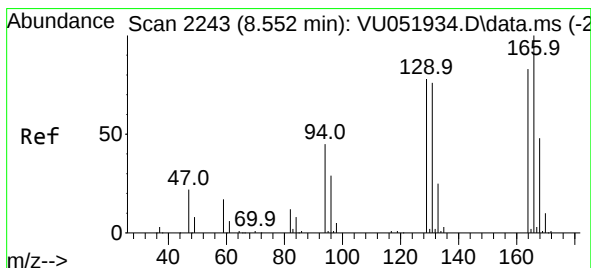
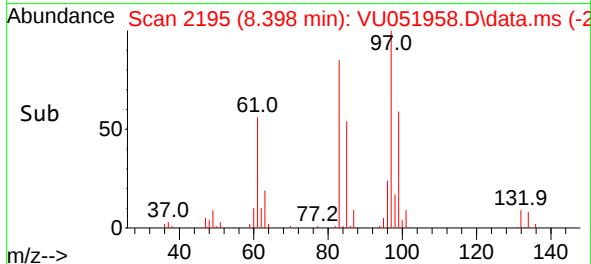
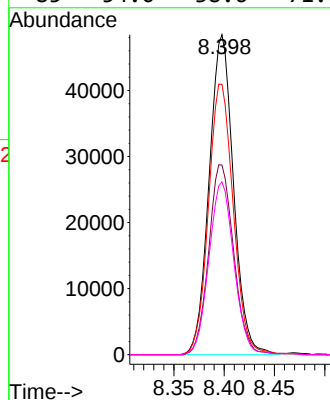
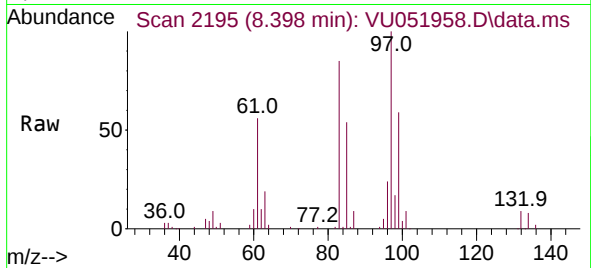




#45
1,1,2-Trichloroethane
Concen: 5.426 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

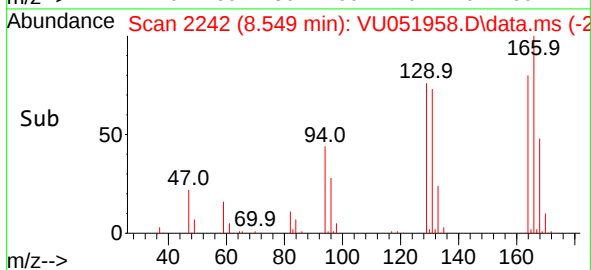
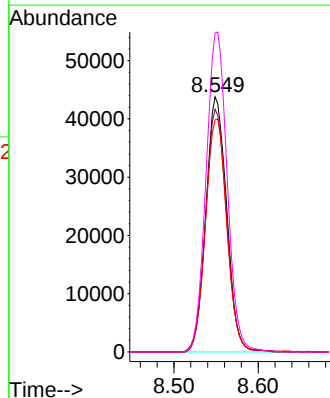
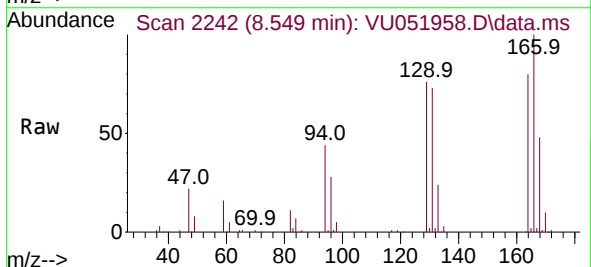
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

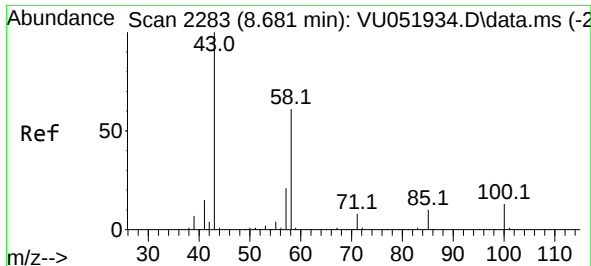
Tgt Ion:	97	Resp:	81596
Ion	Ratio	Lower	Upper
97	100		
99	59.2	42.6	79.2
83	84.5	60.7	112.7
85	54.0	38.6	71.6



#47
Tetrachloroethene
Concen: 5.113 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion:	164	Resp:	75537
Ion	Ratio	Lower	Upper
164	100		
129	95.1	67.4	125.2
131	91.0	67.1	124.7
166	125.0	89.7	166.5

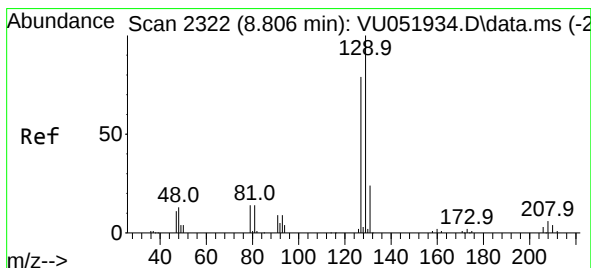
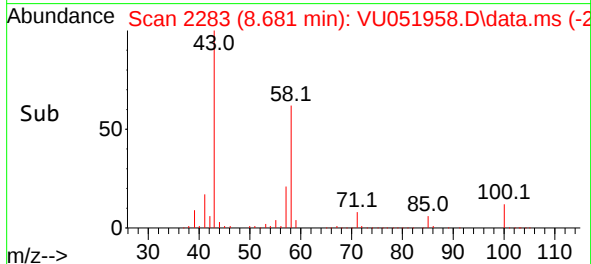
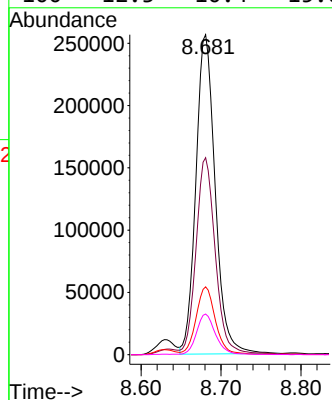
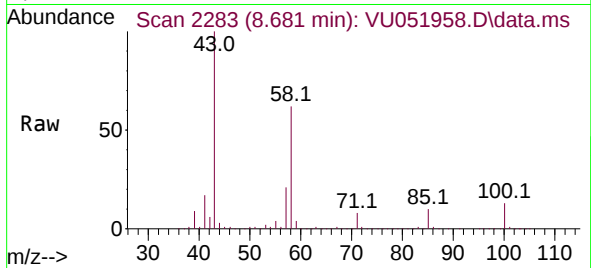




#48
2-Hexanone
Concen: 56.295 ug/L
RT: 8.681 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

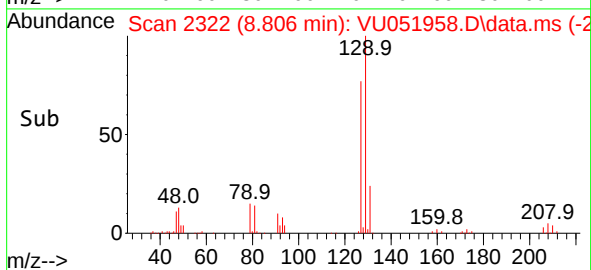
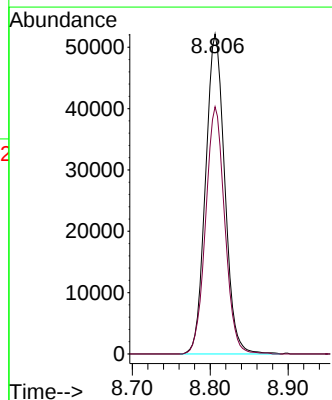
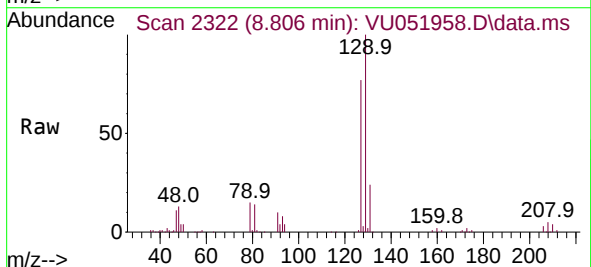
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

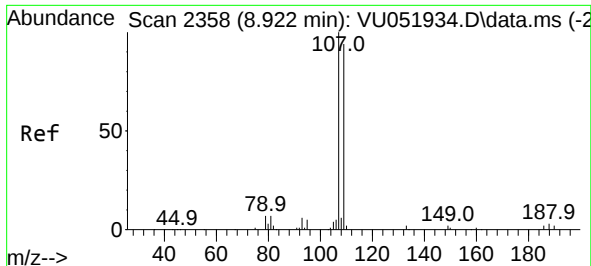
Tgt Ion: 43	Resp: 431391
Ion Ratio	Lower Upper
43 100	
58 62.0	49.4 74.0
57 20.9	16.3 24.5
100 12.3	10.4 15.6



#49
Dibromochloromethane
Concen: 5.299 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion:129	Resp:	89250	
Ion	Ratio	Lower	Upper
129	100		
127	77.2	52.8	98.2

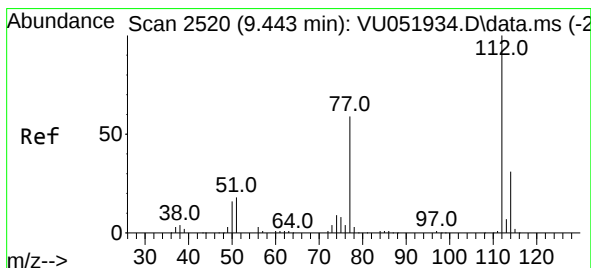
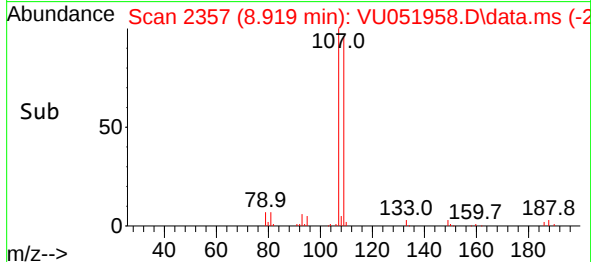
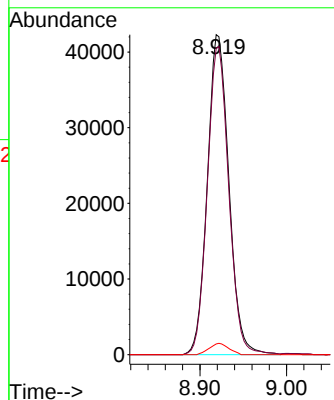
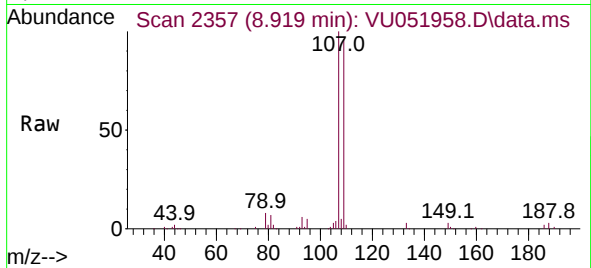




#50
 1,2-Dibromoethane
 Concen: 5.350 ug/L
 RT: 8.919 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

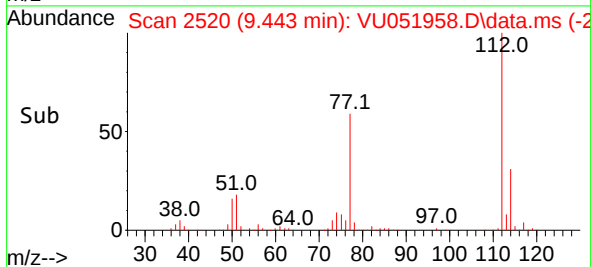
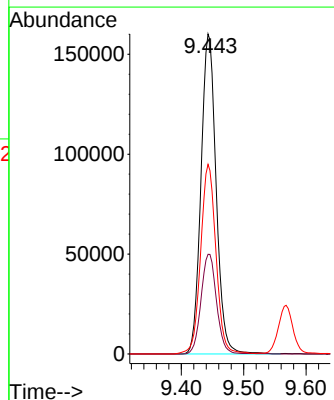
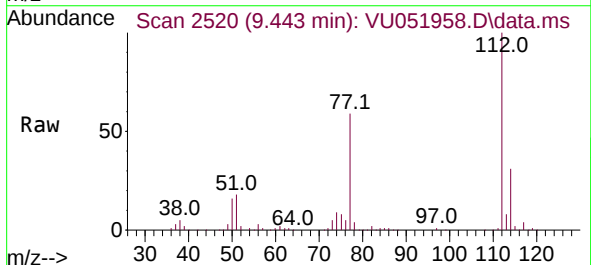
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

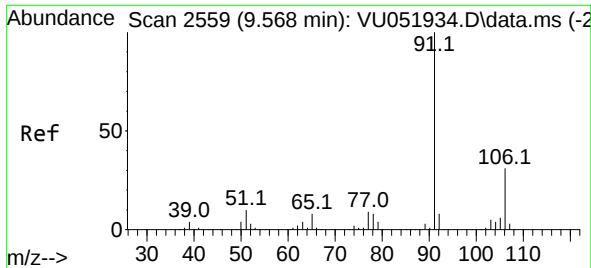
Tgt Ion:107 Resp: 73278
 Ion Ratio Lower Upper
 107 100
 109 95.8 64.9 120.5
 188 3.3 2.6 4.0



#51
 Chlorobenzene
 Concen: 5.343 ug/L
 RT: 9.443 min Scan# 2520
 Delta R.T. 0.000 min
 Lab File: VU051958.D
 Acq: 19 Nov 2022 16:32

Tgt Ion:112 Resp: 270804
 Ion Ratio Lower Upper
 112 100
 114 31.2 22.2 41.2
 77 59.3 46.6 70.0

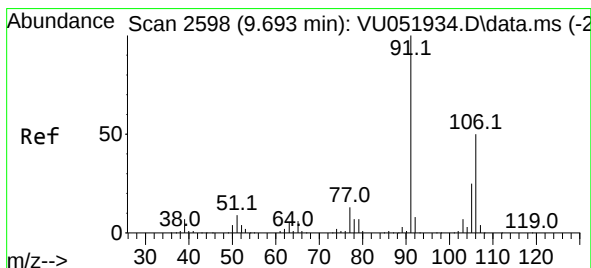
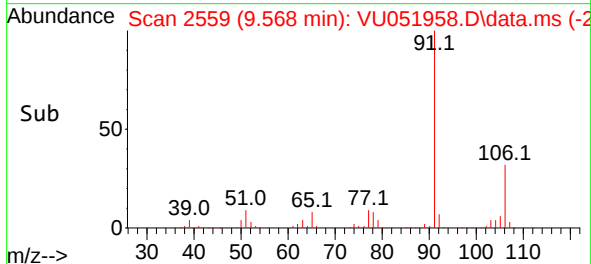
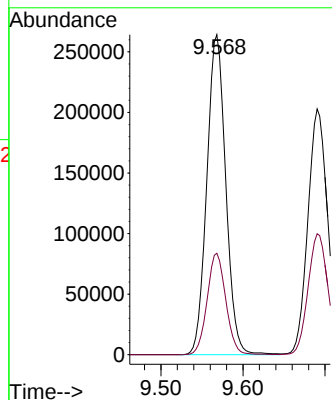
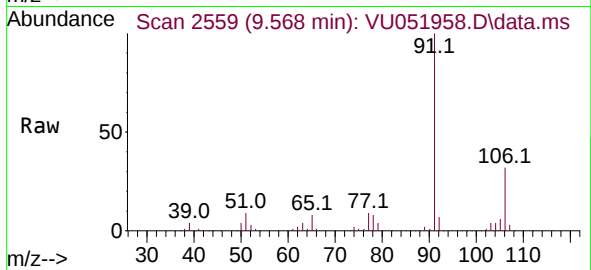




#52
Ethylbenzene
Concen: 5.478 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

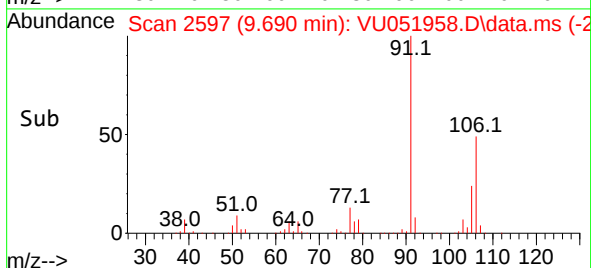
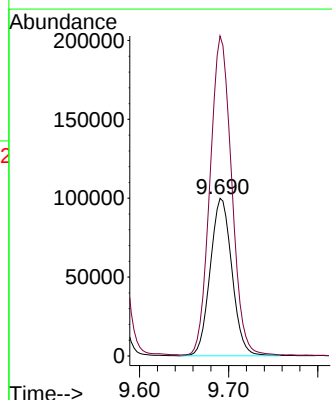
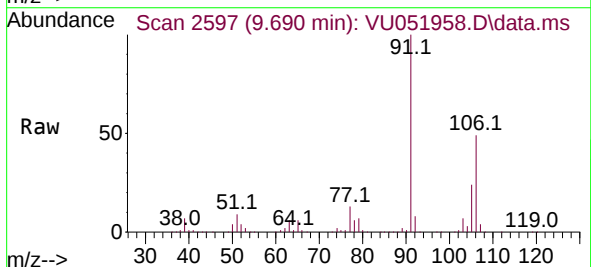
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

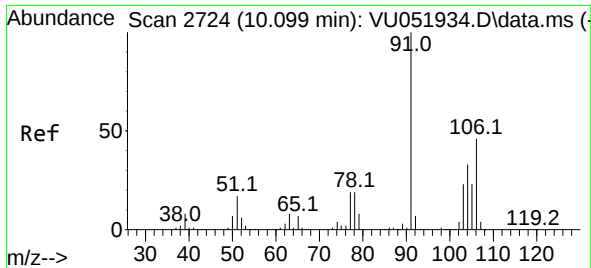
Tgt Ion: 91 Resp: 423414
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 5.625 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 106 Resp: 168356
Ion Ratio Lower Upper
106 100
91 203.1 137.7 255.7

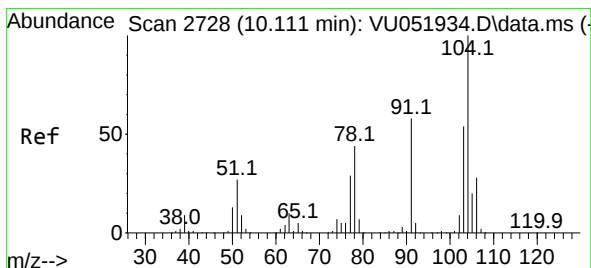
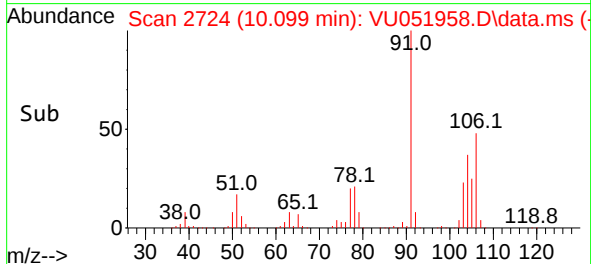
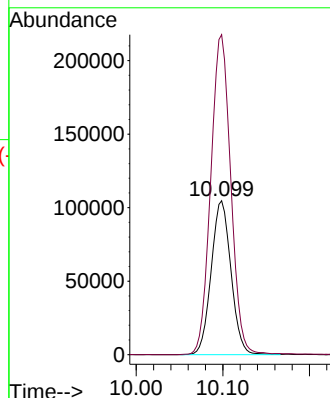
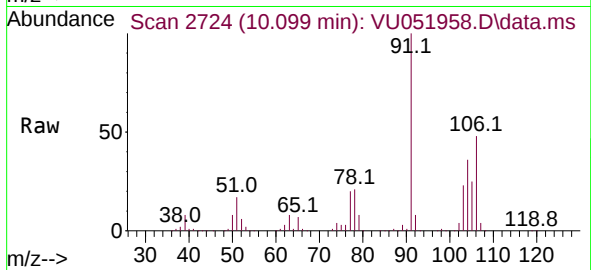




#54
o-Xylene
Concen: 5.793 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

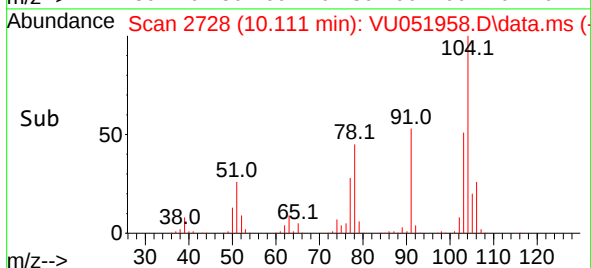
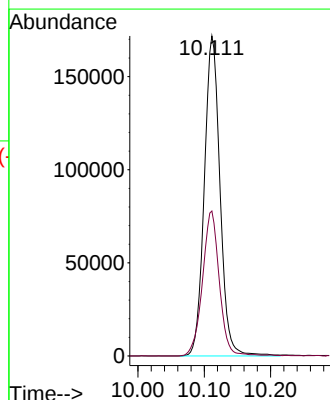
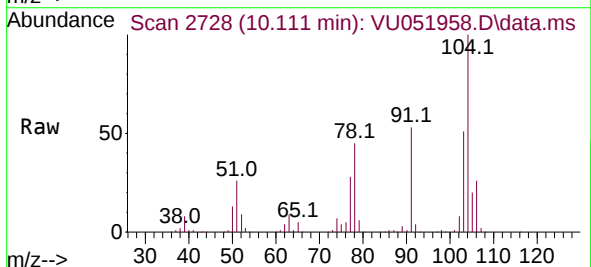
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

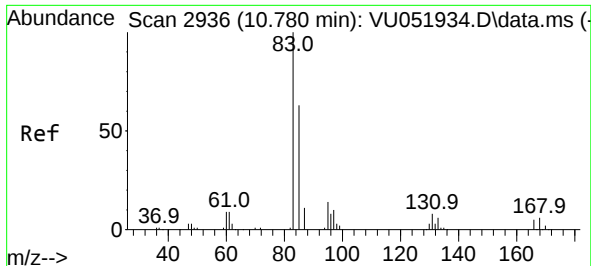
Tgt Ion:106 Resp: 166154
Ion Ratio Lower Upper
106 100
91 207.9 151.5 281.5



#55
Styrene
Concen: 5.868 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion:104 Resp: 284271
Ion Ratio Lower Upper
104 100
78 45.3 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.409 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

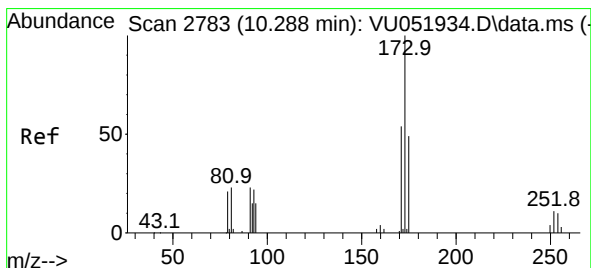
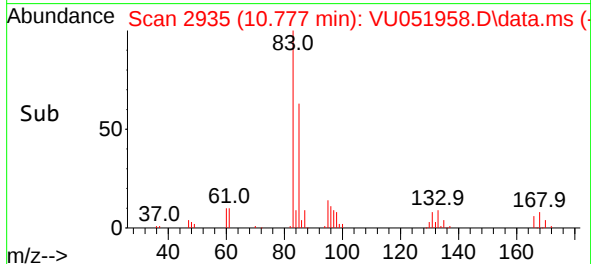
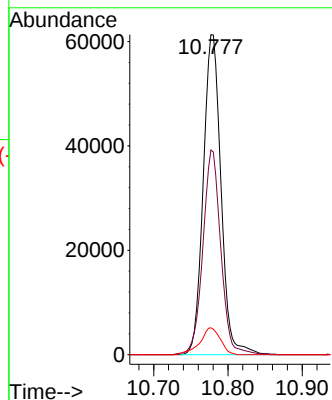
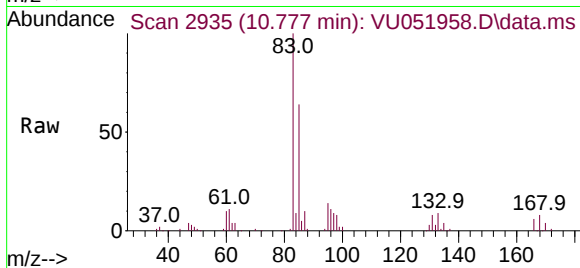
Tgt Ion: 83 Resp: 101595

Ion Ratio Lower Upper

83 100

85 63.9 45.7 84.9

131 8.4 7.6 11.4



#59

Bromoform

Concen: 5.133 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

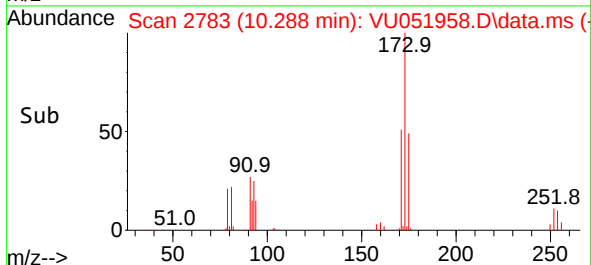
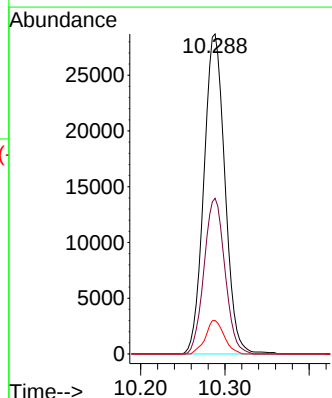
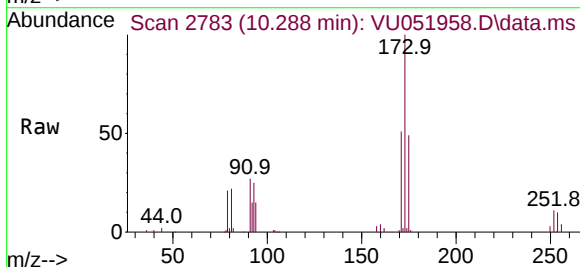
Tgt Ion:173 Resp: 49866

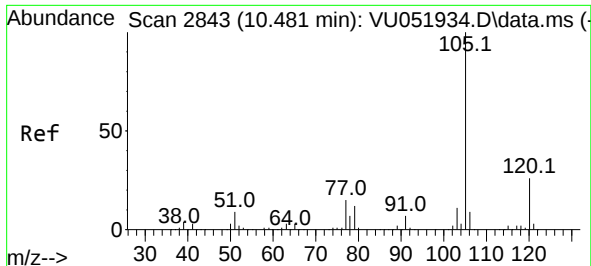
Ion Ratio Lower Upper

173 100

175 48.2 37.2 55.8

254 9.3 7.0 10.6

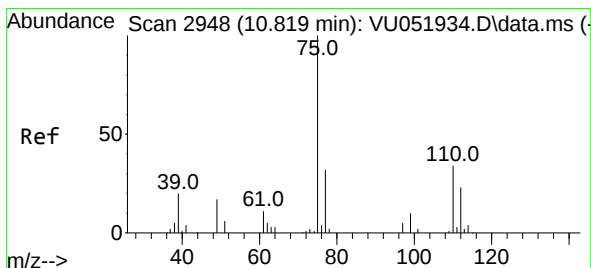
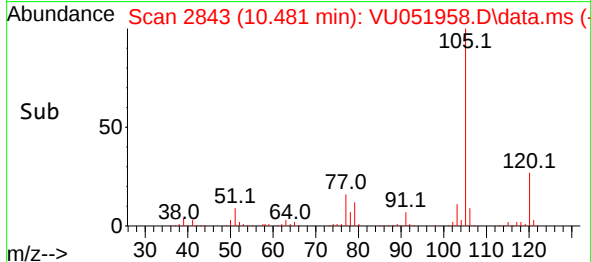
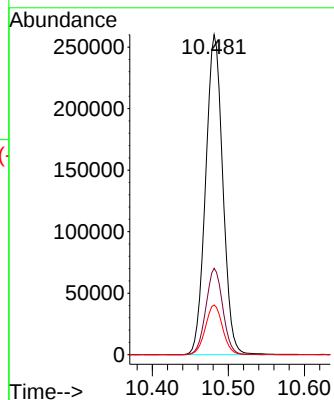
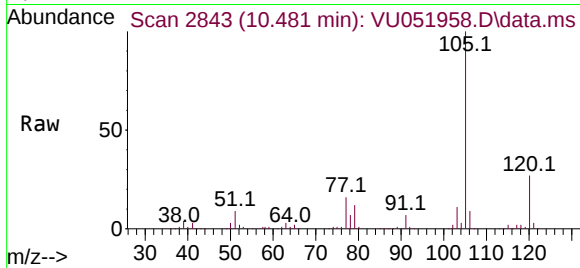




#60
Isopropylbenzene
Concen: 5.511 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

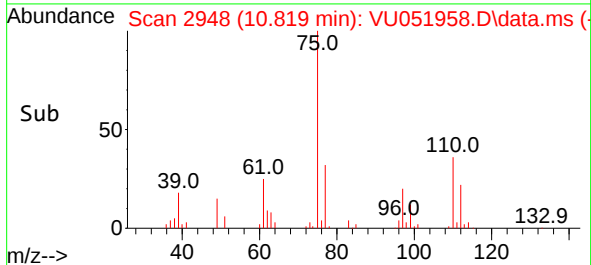
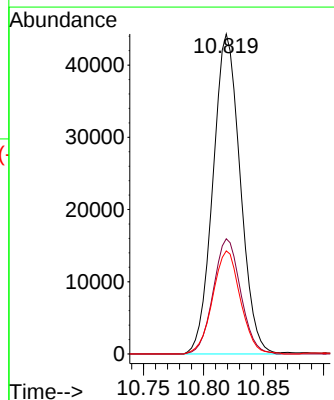
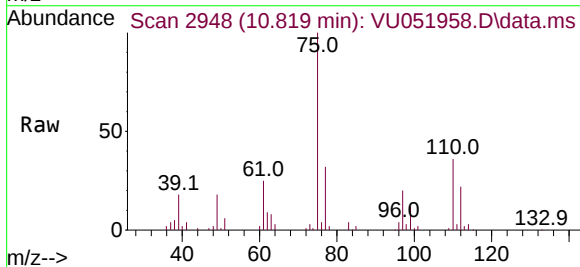
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

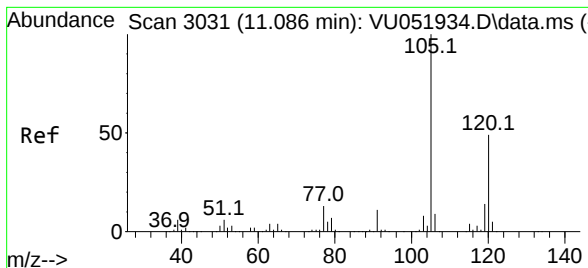
Tgt Ion:105 Resp: 408350
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.6
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.182 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion: 75 Resp: 69960
Ion Ratio Lower Upper
75 100
110 36.1 28.3 42.5
77 32.7 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.438 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

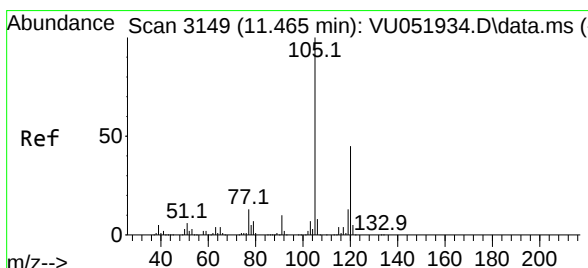
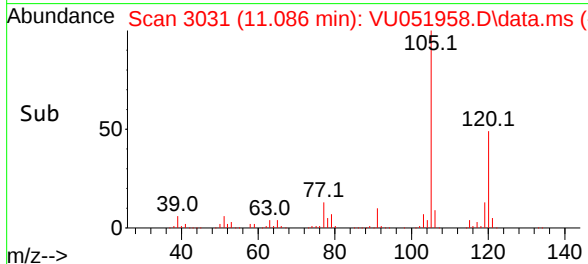
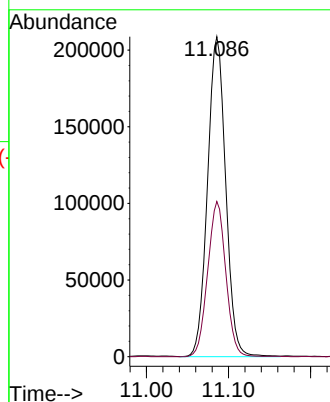
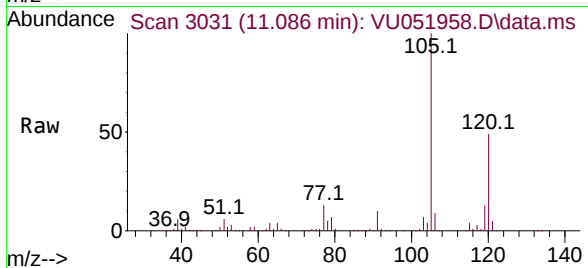
VSTD005085

Tgt Ion:105 Resp: 322091

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.576 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051958.D

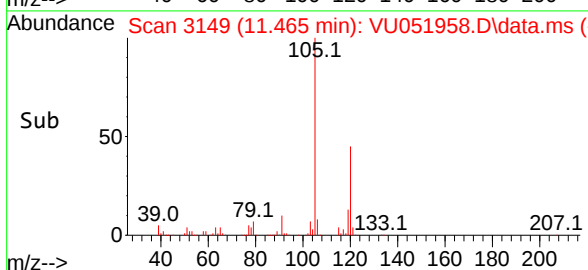
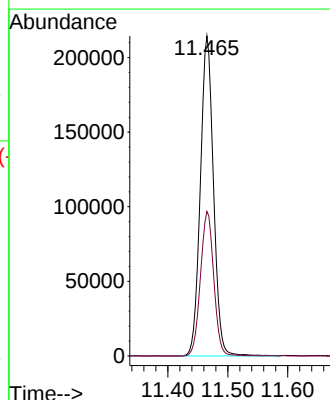
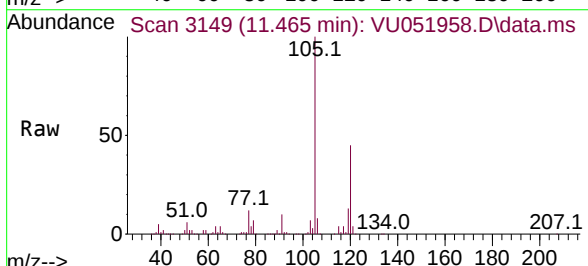
Acq: 19 Nov 2022 16:32

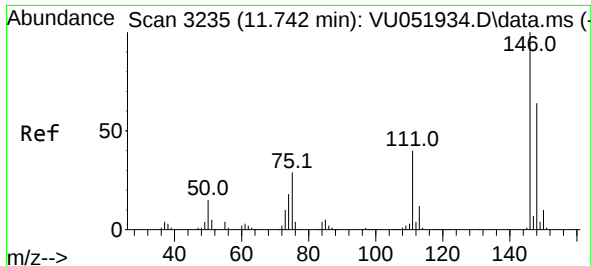
Tgt Ion:105 Resp: 327838

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0

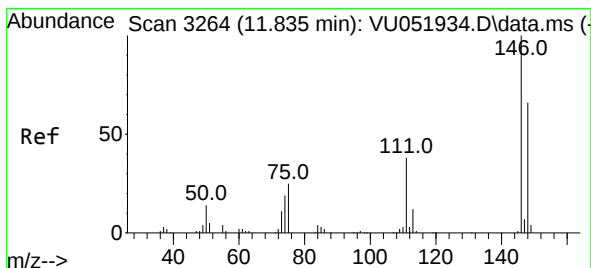
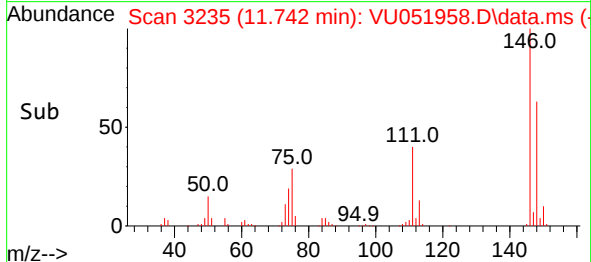
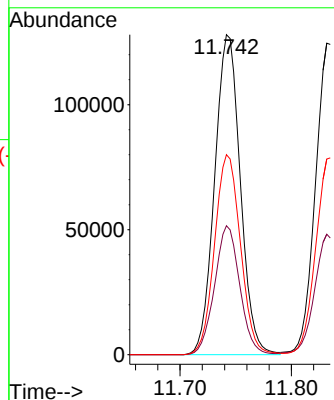
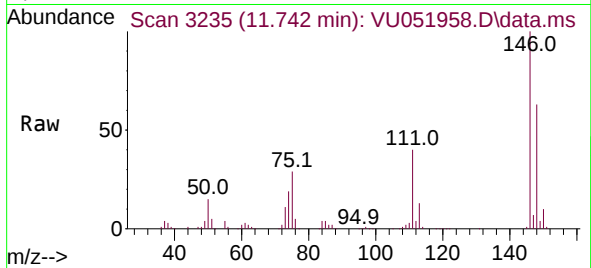




#64
1,3-Dichlorobenzene
Concen: 5.413 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

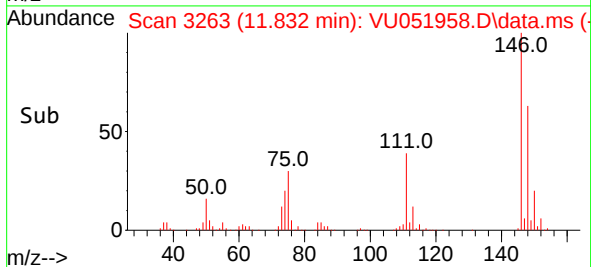
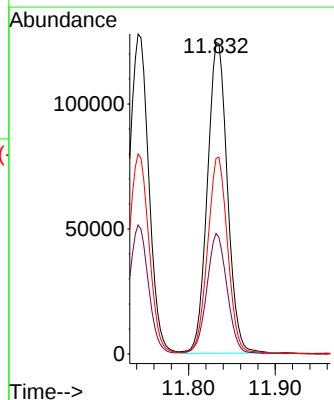
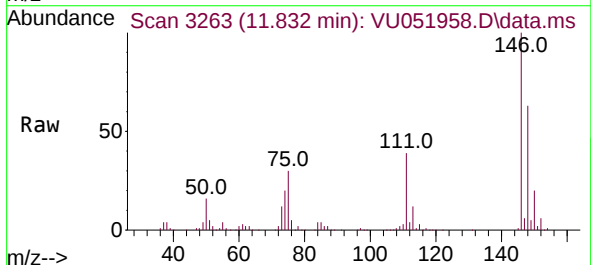
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

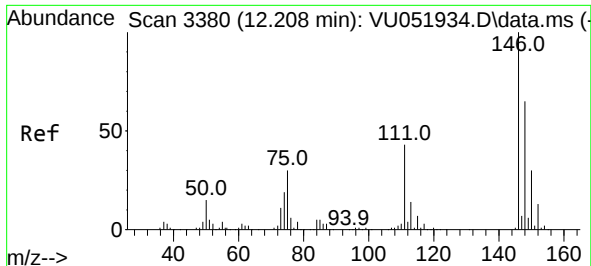
Tgt Ion:146 Resp: 204801
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 62.5 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.297 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion:146 Resp: 199854
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 62.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.365 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

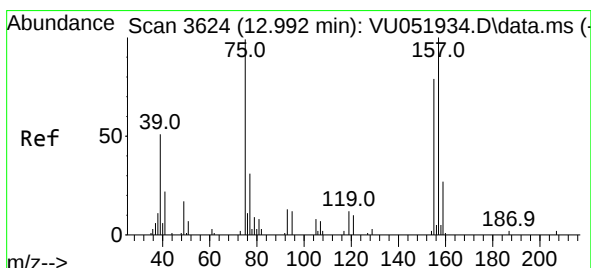
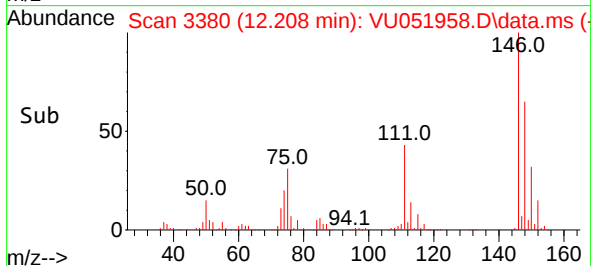
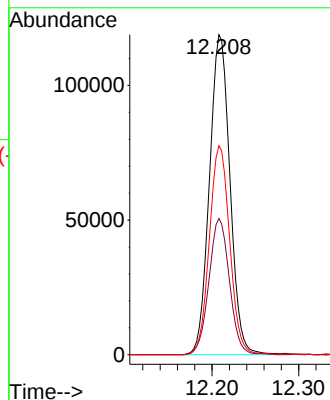
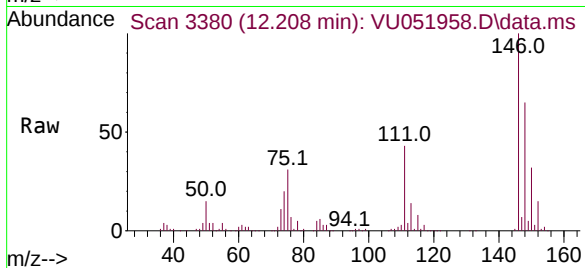
Tgt Ion:146 Resp: 195451

Ion Ratio Lower Upper

146 100

111 42.6 32.7 49.1

148 65.3 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.856 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

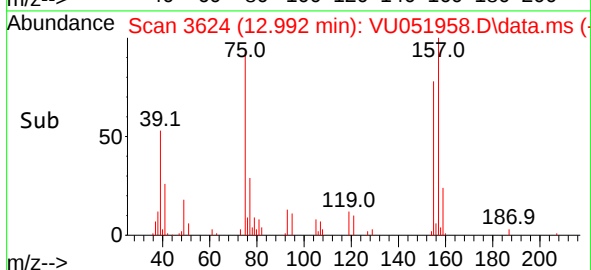
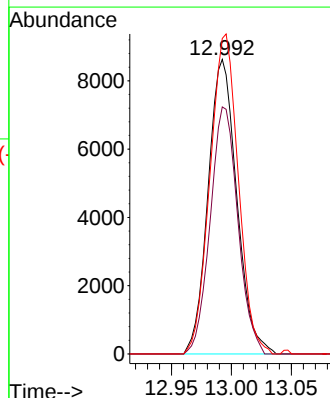
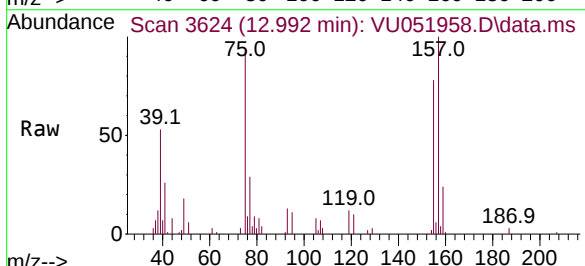
Tgt Ion: 75 Resp: 14345

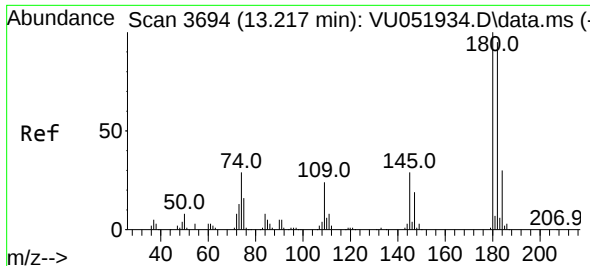
Ion Ratio Lower Upper

75 100

155 83.9 65.4 98.2

157 107.1 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 5.075 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.003 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

Tgt Ion:180 Resp: 136144

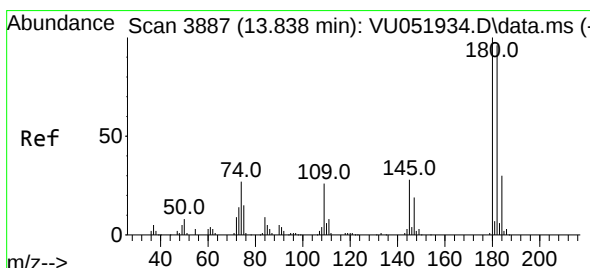
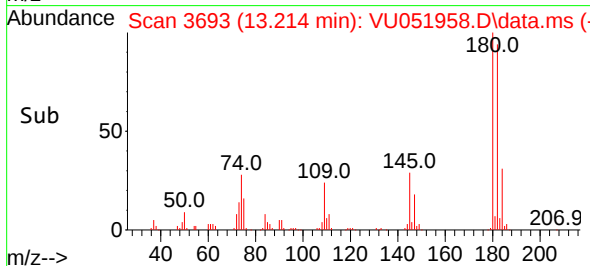
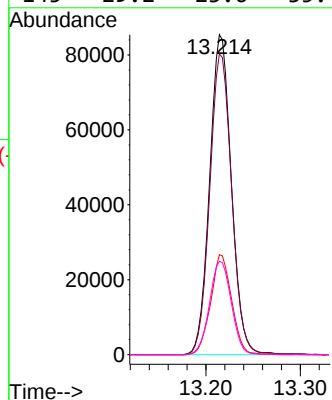
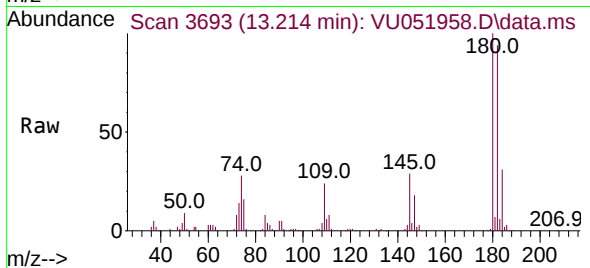
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

184 30.2 24.3 36.5

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.068 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051958.D

Acq: 19 Nov 2022 16:32

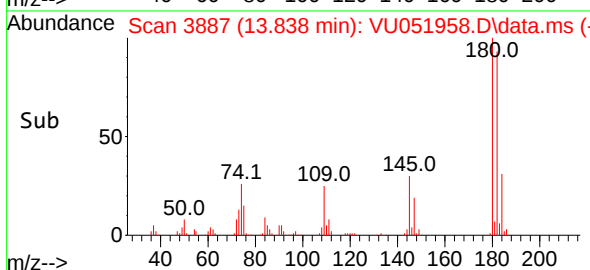
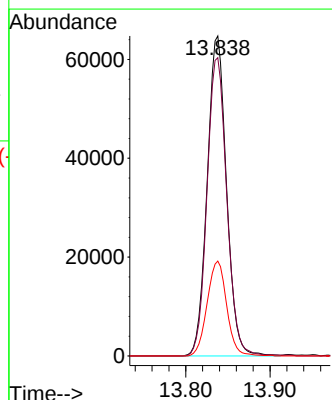
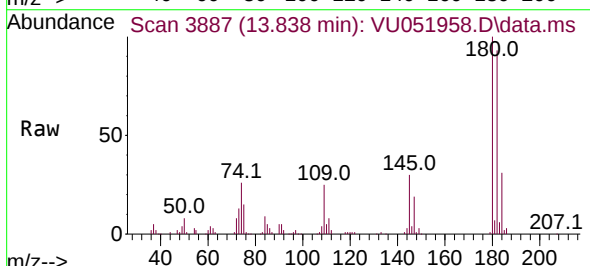
Tgt Ion:180 Resp: 103530

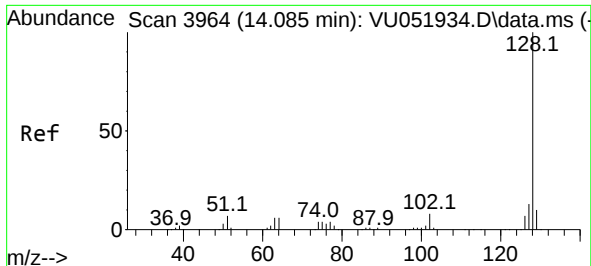
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 29.9 24.6 36.8

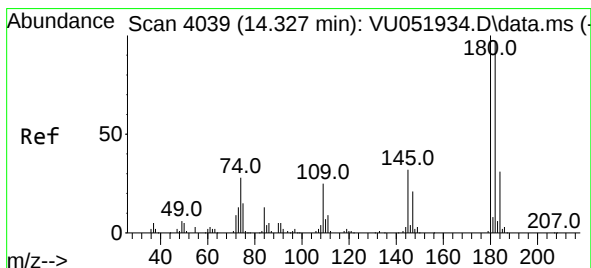
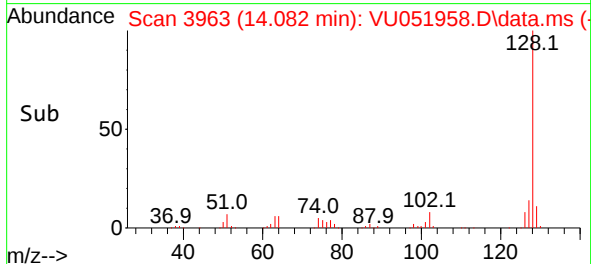
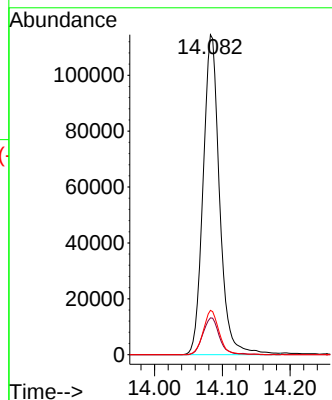
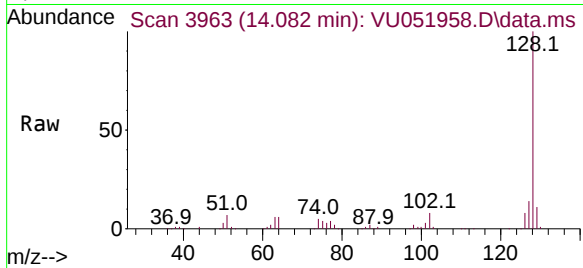




#71
Naphthalene
Concen: 5.039 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

Tgt Ion:128 Resp: 193252
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.352 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051958.D
Acq: 19 Nov 2022 16:32

Tgt Ion:180 Resp: 107580
Ion Ratio Lower Upper
180 100
182 96.3 75.7 113.5
145 31.7 24.5 36.7

